

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
 Data File : BM022780.D
 Acq On : 25 Sep 2019 20:20
 Operator : JU
 Sample : K4980-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

Quant Time: Sep 26 06:02:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	225414	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	817177	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	445911	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	856009	20.00	ng	0.00
76) Chrysene-d12	21.37	240	904432	20.00	ng	0.00
87) Perylene-d12	23.64	264	1066573	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1351224	95.07	ng	0.00
7) Phenol-d6	6.99	99	1762133	96.53	ng	0.00
23) Nitrobenzene-d5	8.97	82	993604	67.49	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	596695	107.19	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2253562	69.59	ng	0.00
79) Terphenyl-d14	19.82	244	3059764	65.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	159247	27.845	ng	# 100
3) Pyridine	3.72	79	365451	24.243	ng	99
4) n-Nitrosodimethylamine	3.62	42	185457	33.795	ng	# 99
6) Aniline	7.15	93	582692	26.620	ng	100
8) 2-Chlorophenol	7.39	128	518431	35.800	ng	99
9) Benzaldehyde	6.96	77	329980	31.746	ng	98
10) Phenol	7.02	94	619635	36.054	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	462748	34.271	ng	99
12) 1,3-Dichlorobenzene	7.71	146	569894	32.927	ng	100
13) 1,4-Dichlorobenzene	7.86	146	579809	33.091	ng	100
14) 1,2-Dichlorobenzene	8.17	146	550669	32.964	ng	100
15) Benzyl Alcohol	8.06	79	399199	34.948	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	619253	31.571	ng	99
17) 2-Methylphenol	8.26	107	396396	34.846	ng	99
18) Hexachloroethane	8.90	117	202907	31.573	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	341534	33.503	ng	99
20) 3+4-Methylphenols	8.59	107	527728	34.830	ng	99
22) Acetophenone	8.64	105	689170	34.166	ng	99
24) Nitrobenzene	9.02	77	505109	35.861	ng	98
25) Isophorone	9.55	82	907907	37.508	ng	99
26) 2-Nitrophenol	9.73	139	251560	41.371	ng	98
27) 2,4-Dimethylphenol	9.79	122	438565	43.083	ng	100
28) bis(2-Chloroethoxy)methane	10.02	93	595723	35.566	ng	99
29) 2,4-Dichlorophenol	10.26	162	449542	39.060	ng	100
30) 1,2,4-Trichlorobenzene	10.47	180	509373	35.973	ng	99
31) Naphthalene	10.66	128	1525085	37.771	ng	100
32) Benzoic acid	9.90	122	211599	31.711	ng	95
33) 4-Chloroaniline	10.77	127	344974	19.678	ng	99
34) Hexachlorobutadiene	10.96	225	305758	36.224	ng	99
35) Caprolactam	11.55	113	70159	20.563	ng	94
36) 4-Chloro-3-methylphenol	11.89	107	426298	37.966	ng	100
37) 2-Methylnaphthalene	12.27	142	1072393	38.156	ng	99
38) 1-Methylnaphthalene	12.49	142	991180	37.153	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	537493	35.574	ng	100

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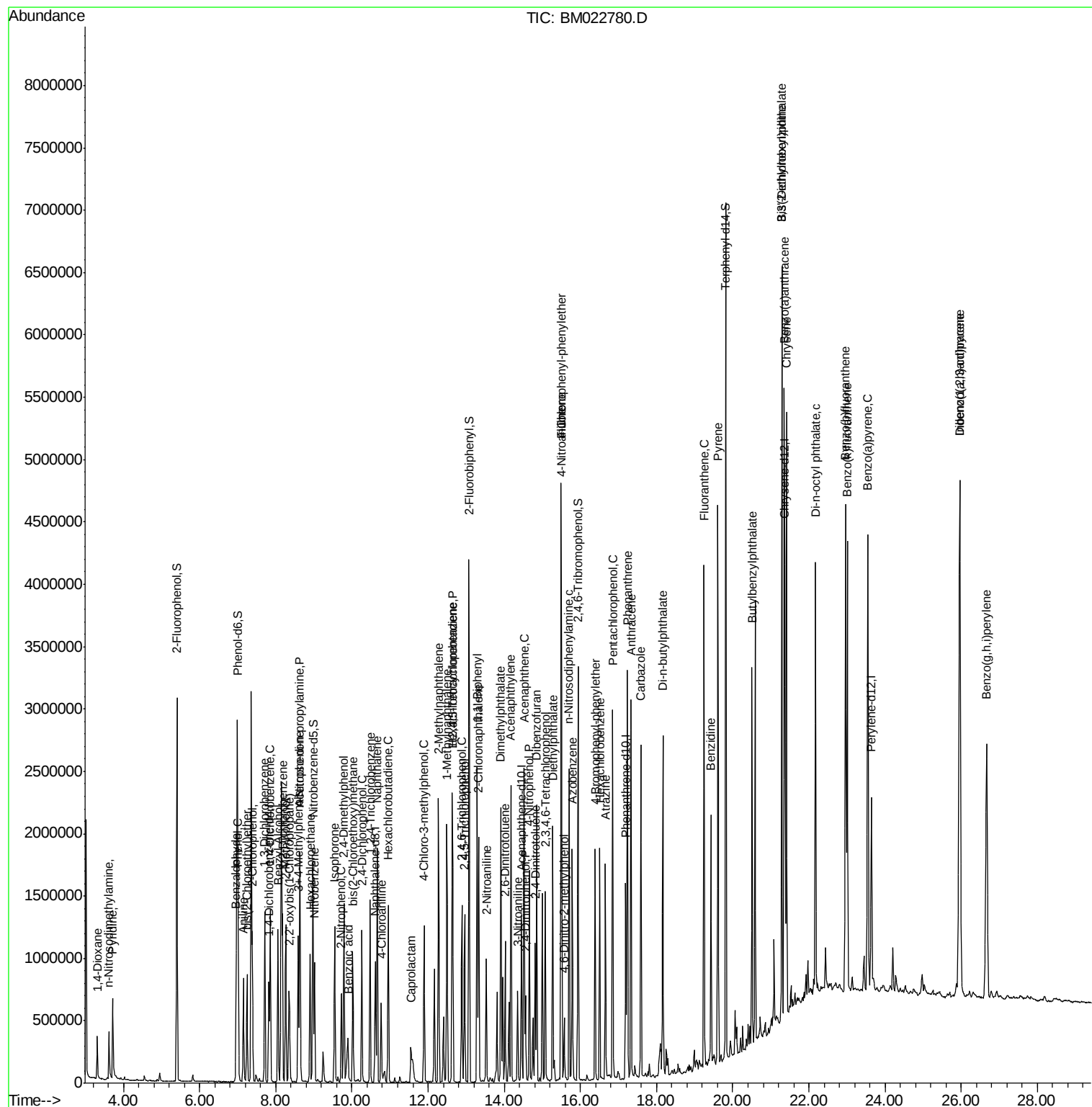
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	372725	45.213	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	345868	39.661	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	367385	40.428	ng	98
46) 1,1'-Biphenyl	13.29	154	1299149	35.202	ng	99
47) 2-Chloronaphthalene	13.33	162	991079	36.030	ng	99
48) 2-Nitroaniline	13.53	65	255382	35.655	ng	99
49) Acenaphthylene	14.17	152	1690490	41.501	ng	100
50) Dimethylphthalate	13.91	163	1421369	44.108	ng	100
51) 2,6-Dinitrotoluene	14.03	165	252605	37.475	ng	95
52) Acenaphthene	14.52	154	929058	34.863	ng	99
53) 3-Nitroaniline	14.35	138	192176	24.765	ng	100
54) 2,4-Dinitrophenol	14.56	184	149213	44.257	ng	97
55) Dibenzofuran	14.85	168	1434945	36.884	ng	100
56) 4-Nitrophenol	14.66	139	460511	77.209	ng	97
57) 2,4-Dinitrotoluene	14.81	165	332348	37.636	ng	99
58) Fluorene	15.50	166	1188827	37.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	307780	38.835	ng	97
60) Diethylphthalate	15.27	149	1151391	36.746	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	589385	36.283	ng	99
62) 4-Nitroaniline	15.51	138	270984	33.309	ng	98
63) Azobenzene	15.79	77	1003166	35.453	ng	98
65) 4,6-Dinitro-2-methylphenol	15.57	198	109879	28.654	ng	95
66) n-Nitrosodiphenylamine	15.71	169	992232	37.943	ng	99
67) 4-Bromophenyl-phenylether	16.39	248	359636	37.773	ng	100
68) Hexachlorobenzene	16.51	284	393715	35.460	ng	97
69) Atrazine	16.66	200	298915	35.161	ng	99
70) Pentachlorophenol	16.84	266	491980	83.086	ng	99
71) Phenanthrene	17.23	178	1983148	41.058	ng	100
72) Anthracene	17.33	178	1892888	40.436	ng	100
73) Carbazole	17.59	167	1633229	37.493	ng	100
74) Di-n-butylphthalate	18.16	149	1980655	40.100	ng	100
75) Fluoranthene	19.25	202	2365816	43.406	ng	98
77) Benzidine	19.43	184	1167411	47.051	ng	99
78) Pyrene	19.61	202	2649350	44.699	ng	99
80) Butylbenzylphthalate	20.51	149	915498	40.641	ng	99
81) Benzo(a)anthracene	21.36	228	2433396	41.513	ng	98
82) 3,3'-Dichlorobenzidine	21.29	252	796453	38.314	ng	99
83) Chrysene	21.41	228	2340910	41.193	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1394729	41.787	ng	98
85) Di-n-octyl phthalate	22.18	149	2412677	45.355	ng	97
86) Indeno(1,2,3-cd)pyrene	25.96	276	2949394	43.483	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2639781	40.878	ng	100
89) Benzo(k)fluoranthene	23.01	252	2334635	36.435	ng	99
90) Benzo(a)pyrene	23.54	252	2534768	42.597	ng	99
91) Dibenzo(a,h)anthracene	25.97	278	2361643	37.942	ng	98
92) Benzo(g,h,i)perylene	26.67	276	2469728	41.776	ng	99

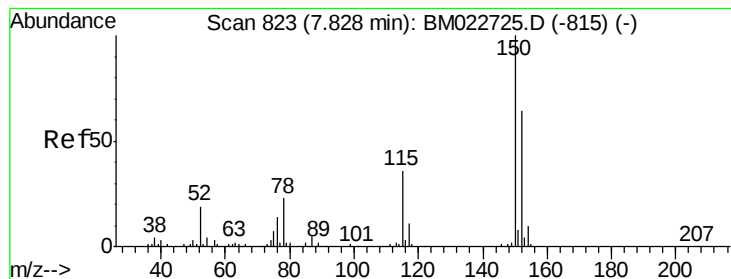
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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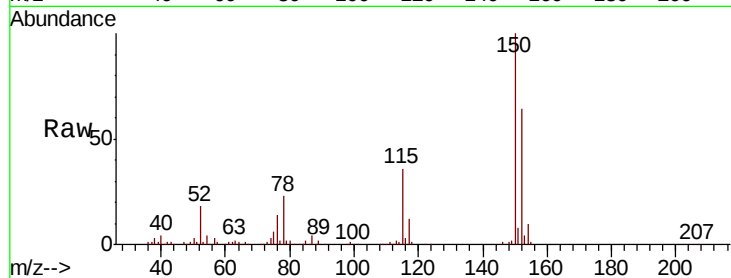


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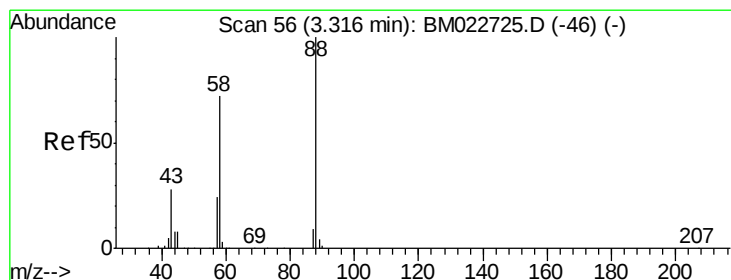
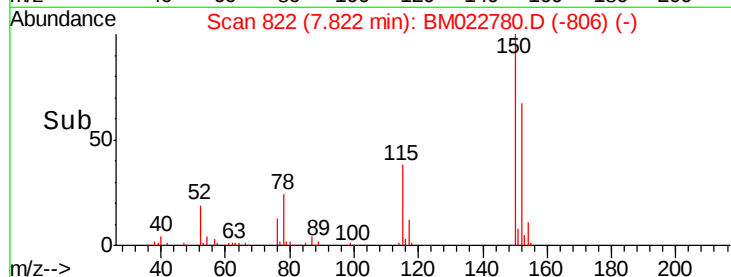
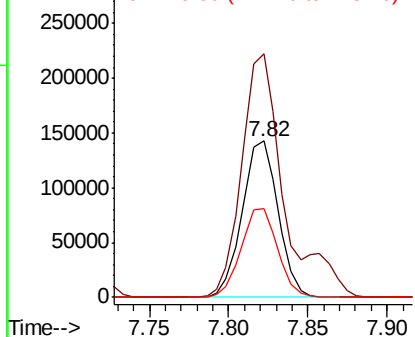
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:152 Resp: 225414
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 56.4 45.0 67.4



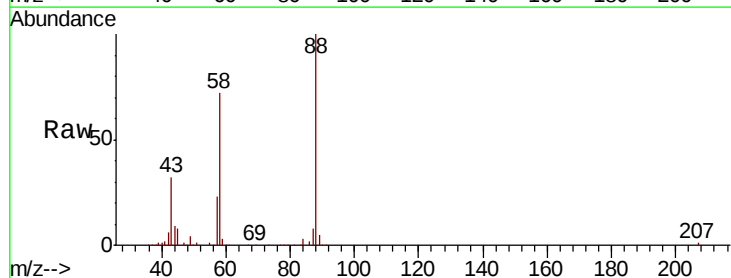
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



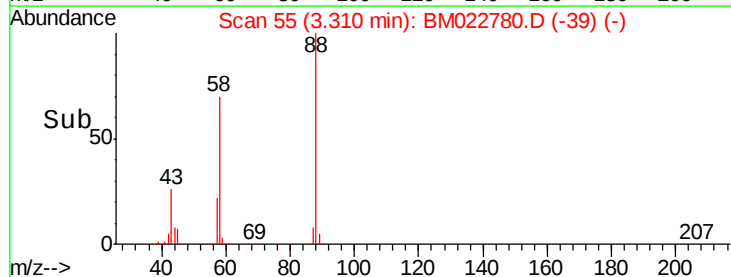
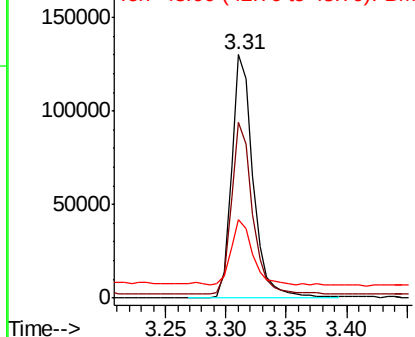
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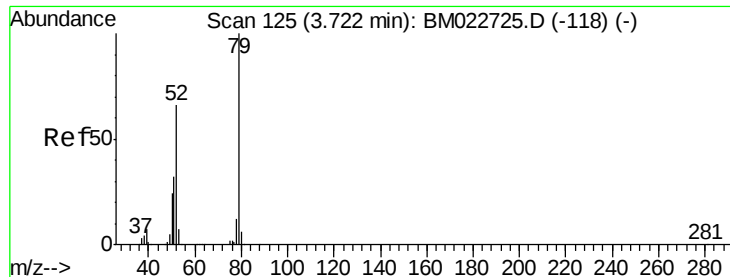
1,4-Dioxane
Concen: 27.845 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion: 88 Resp: 159247
Ion Ratio Lower Upper
88 100
58 70.0 0.0 0.0#
43 28.4 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 24.243 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

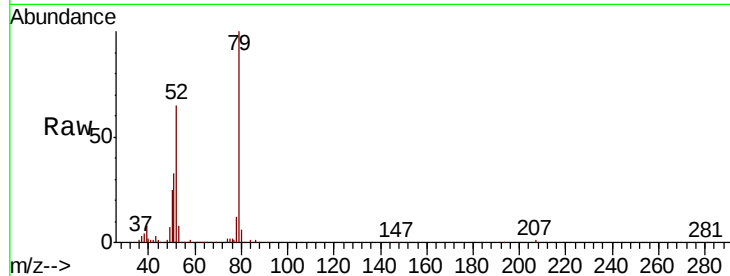
Tot Ion: 79 Resp: 365451

Ion Ratio Lower Upper

79 100

52 64.9 52.4 78.6

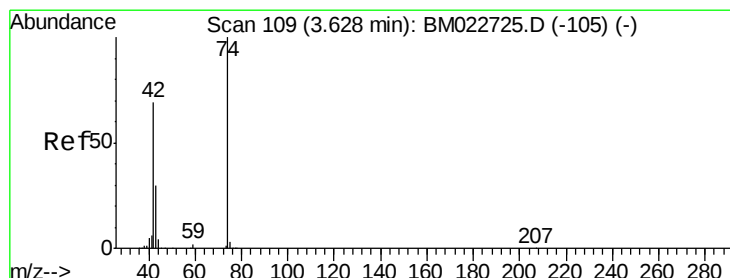
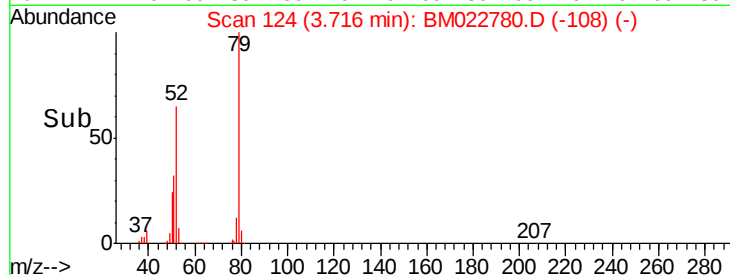
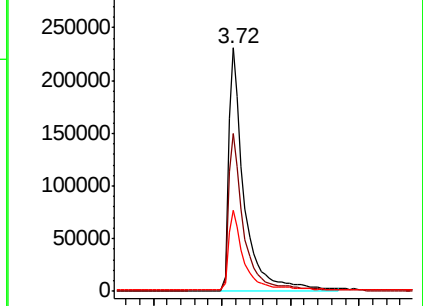
51 33.1 26.2 39.4



Abundance Ion 79.00 (78.70 to 79.70): BM022725.D (-118) (-)

Ion 52.00 (51.70 to 52.70): BM022725.D (-118) (-)

Ion 51.00 (50.70 to 51.70): BM022725.D (-118) (-)



#4

n-Nitrosodimethylamine

Concen: 33.795 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

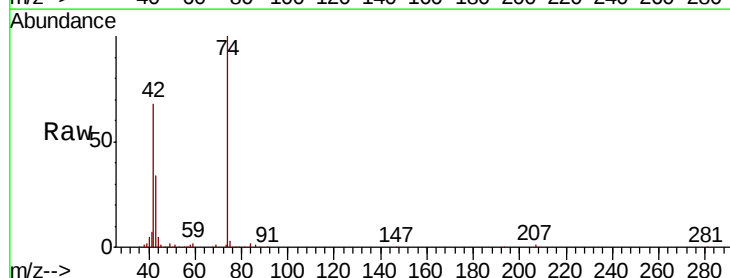
Tgt Ion: 42 Resp: 185457

Ion Ratio Lower Upper

42 100

74 146.2 116.6 175.0

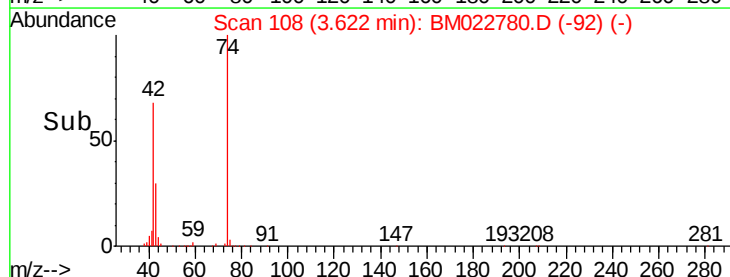
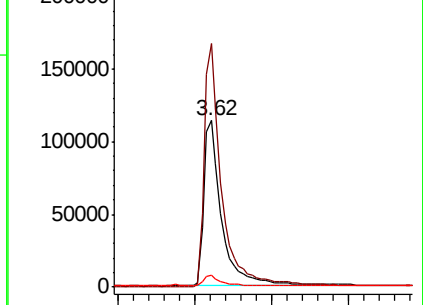
44 6.9 8.2 12.4#

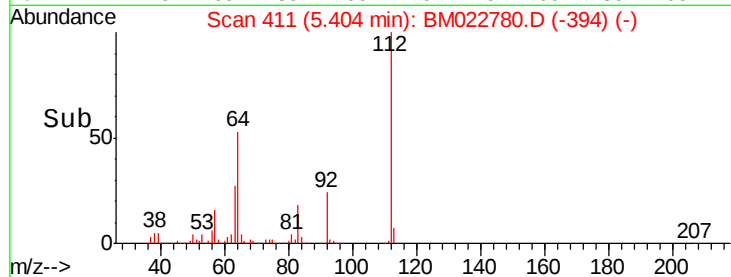
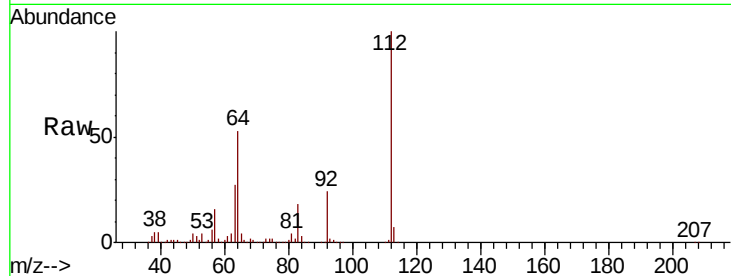
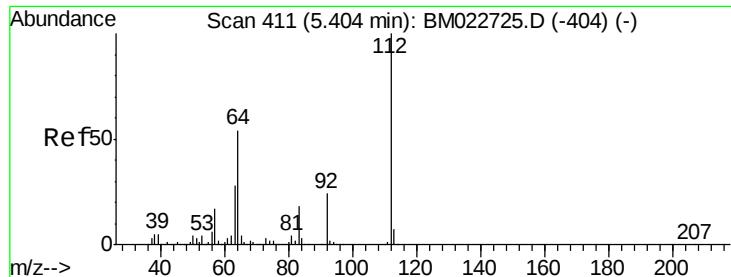


Abundance Ion 42.00 (41.70 to 42.70): BM022725.D (-105) (-)

Ion 74.00 (73.70 to 74.70): BM022725.D (-105) (-)

Ion 44.00 (43.70 to 44.70): BM022725.D (-105) (-)





#5

2-Fluorophenol

Concen: 95.069 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

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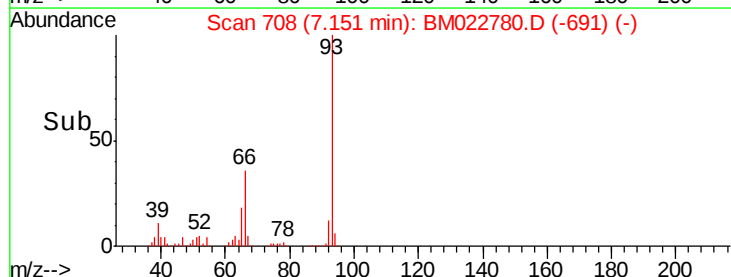
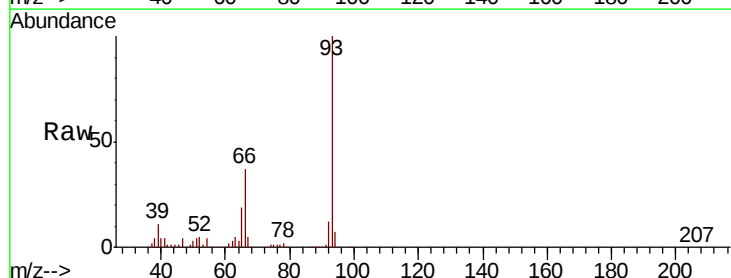
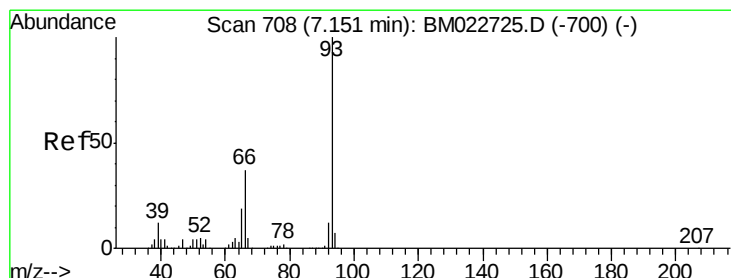
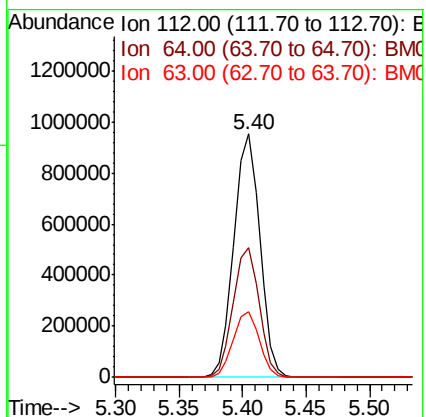
Tot Ion:112 Resp: 1351224

Ion Ratio Lower Upper

112 100

64 53.2 43.4 65.2

63 27.1 22.1 33.1



#6

Aniline

Concen: 26.620 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

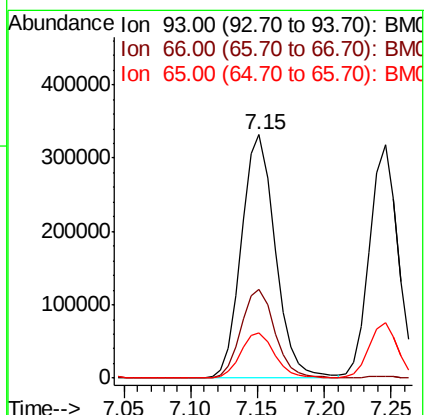
Tgt Ion: 93 Resp: 582692

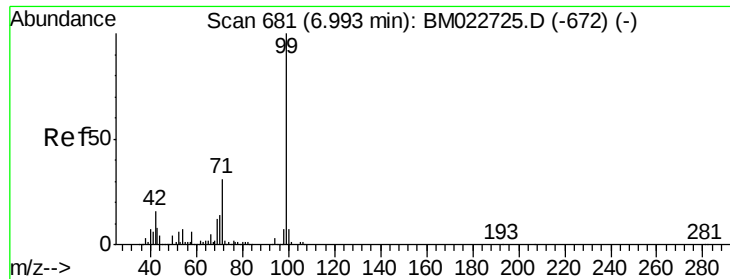
Ion Ratio Lower Upper

93 100

66 36.6 29.3 43.9

65 18.5 15.3 22.9





#7

Phenol-d6

Concen: 96.529 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

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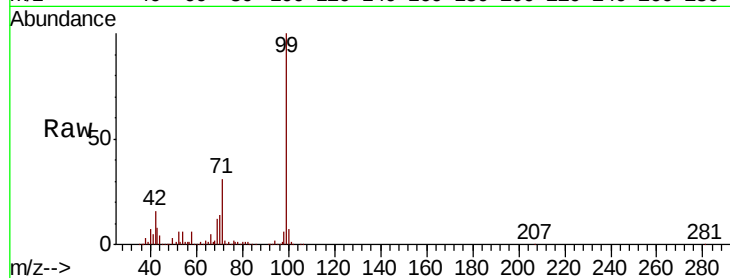
Tot Ion: 99 Resp: 1762133

Ion Ratio Lower Upper

99 100

42 15.6 13.0 19.4

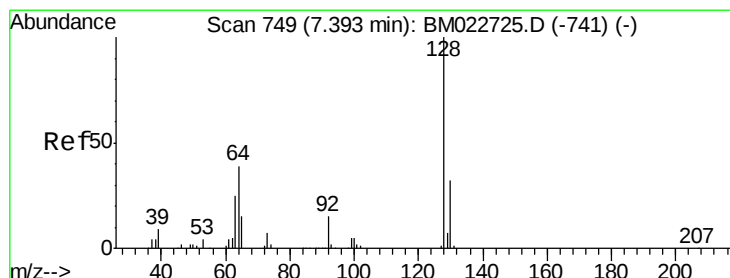
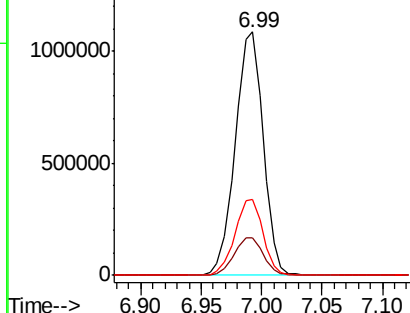
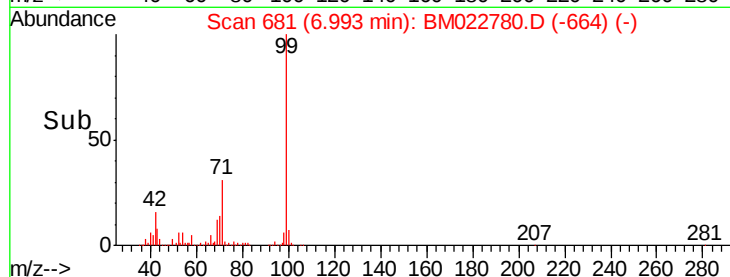
71 30.9 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BM022780.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022780.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022780.D (-664) (-)



#8

2-Chlorophenol

Concen: 35.800 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

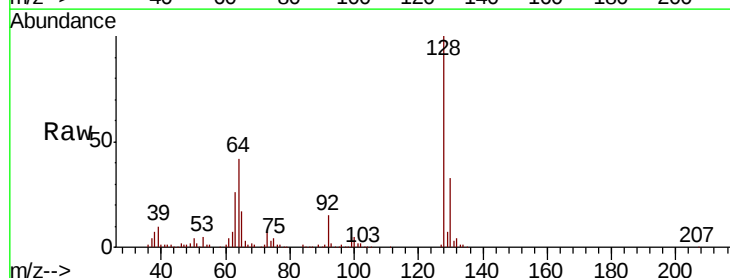
Tgt Ion: 128 Resp: 518431

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

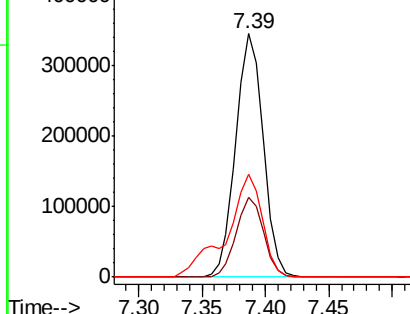
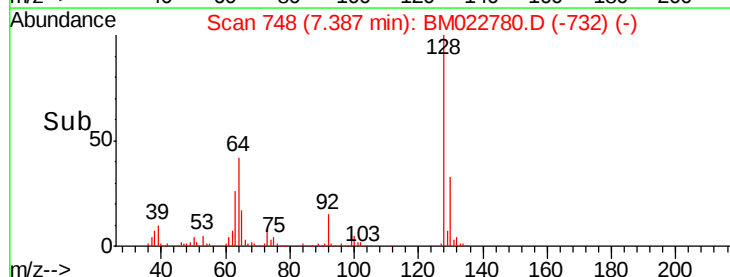
64 42.0 22.9 62.9

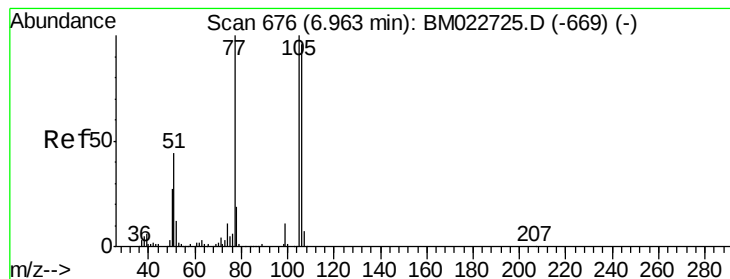


Abundance Ion 128.00 (127.70 to 128.70): BM022780.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022780.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022780.D (-732) (-)





#9

Benzaldehyde

Concen: 31.746 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

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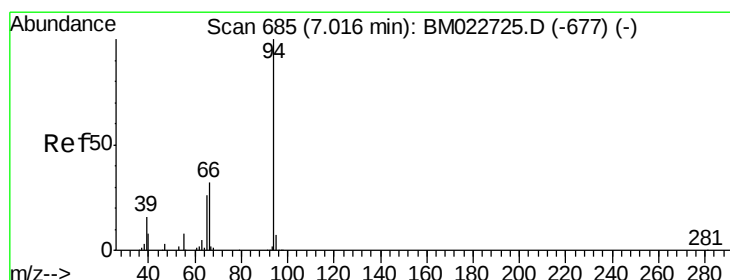
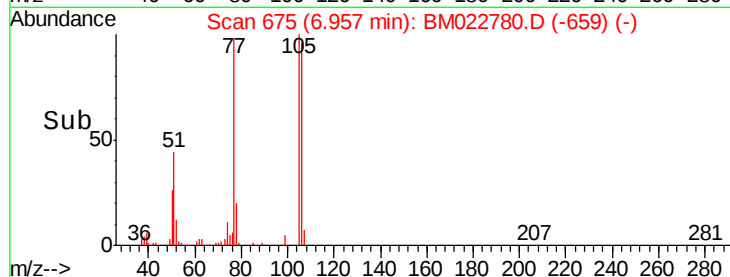
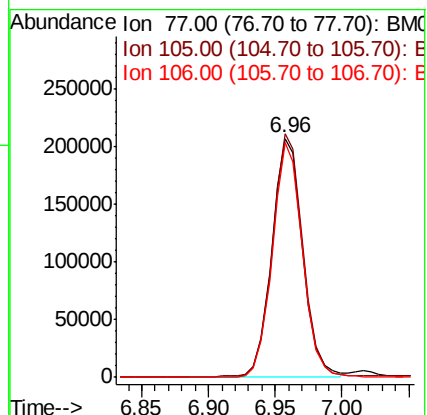
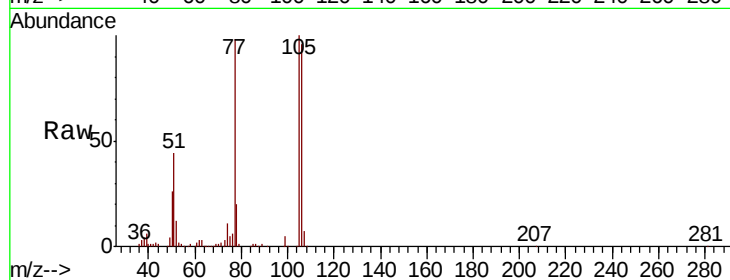
Tot Ion: 77 Resp: 329980

Ion Ratio Lower Upper

77 100

105 101.9 79.6 119.6

106 98.2 76.3 116.3



#10

Phenol

Concen: 36.054 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

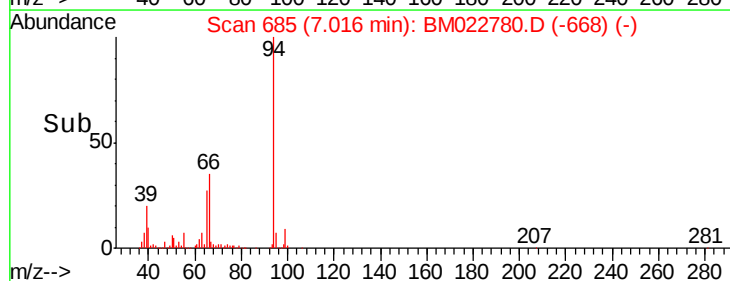
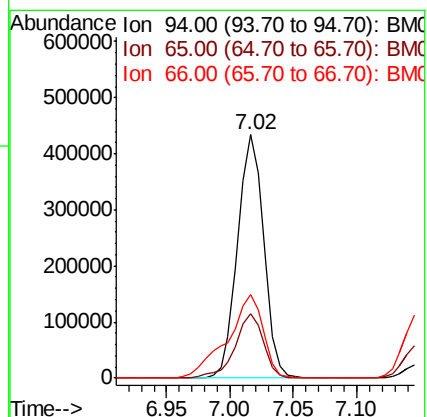
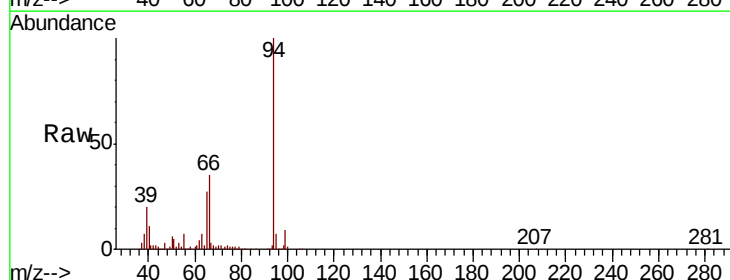
Tgt Ion: 94 Resp: 619635

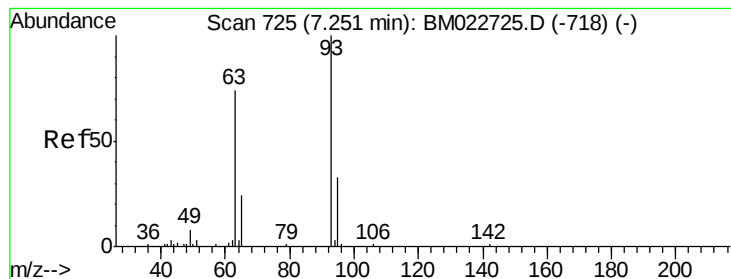
Ion Ratio Lower Upper

94 100

65 26.6 6.7 46.7

66 34.6 13.8 53.8





#11

bis(2-Chloroethyl)ether

Concen: 34.271 ng

RT: 7.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

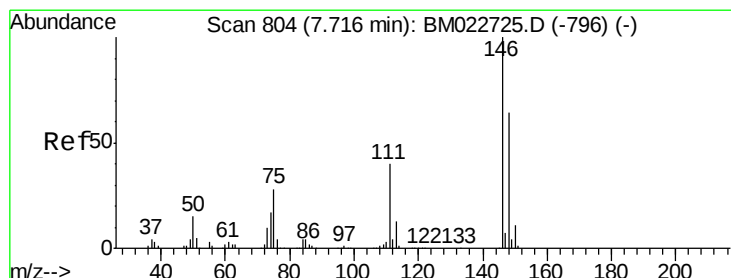
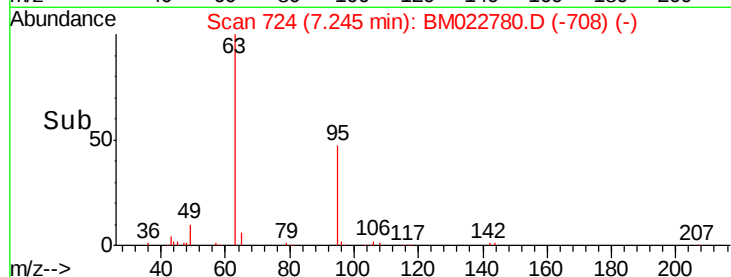
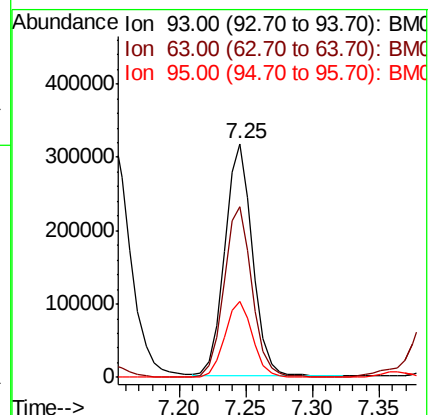
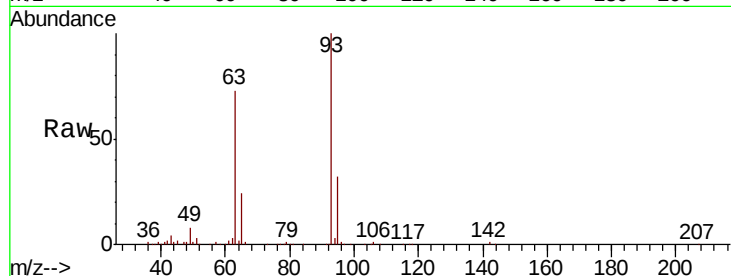
Tot Ion: 93 Resp: 462748

Ion Ratio Lower Upper

93 100

63 73.2 53.8 93.8

95 32.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 32.927 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

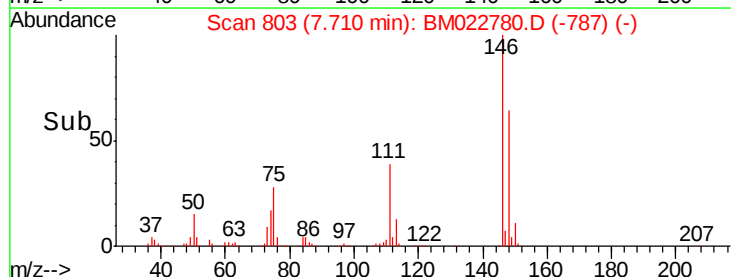
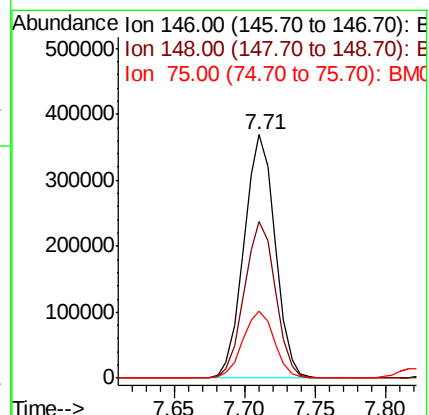
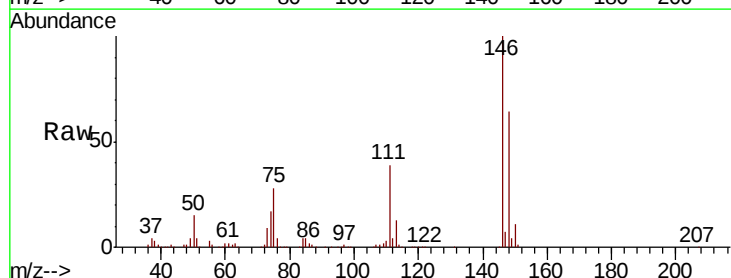
Tgt Ion: 146 Resp: 569894

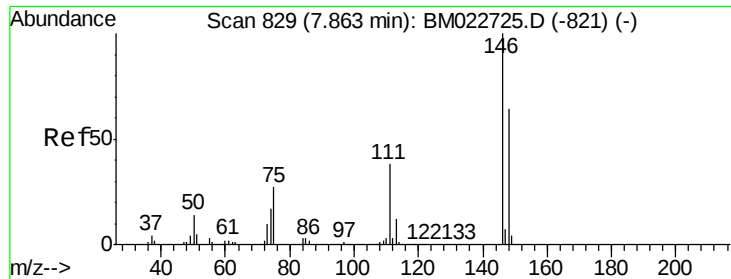
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 27.6 22.5 33.7

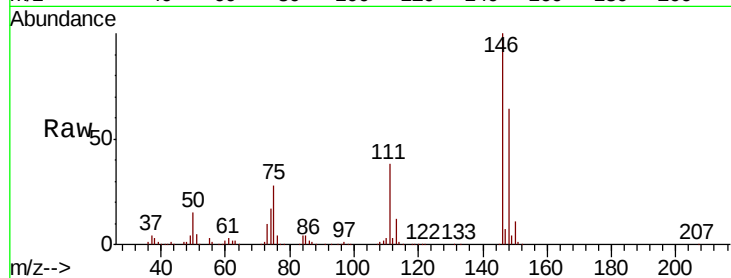




#13
 1,4-Dichlorobenzene
 Concen: 33.091 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
111	38.3	30.9	46.3

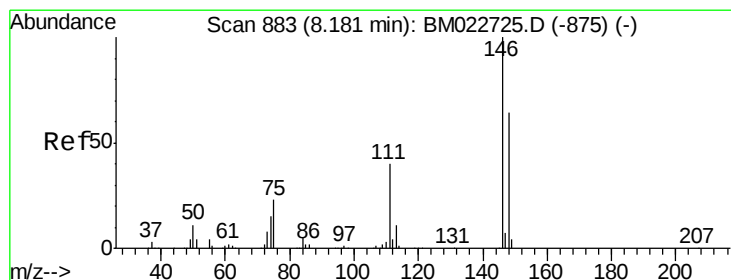
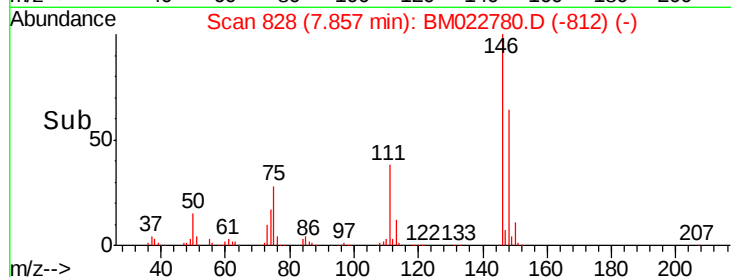
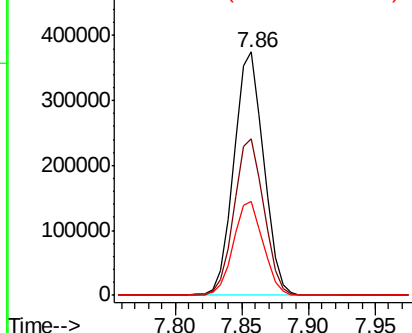


Abundance

Ion 146.00 (145.70 to 146.70): E

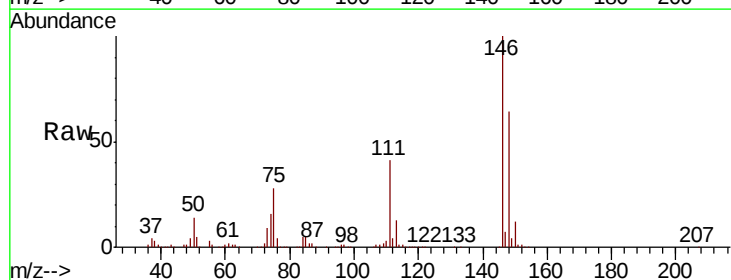
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 32.964 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.3	76.9
111	40.5	32.3	48.5

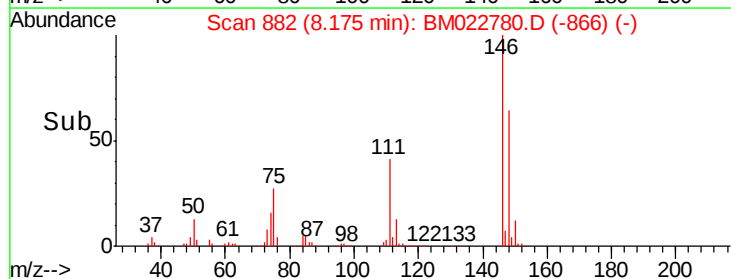
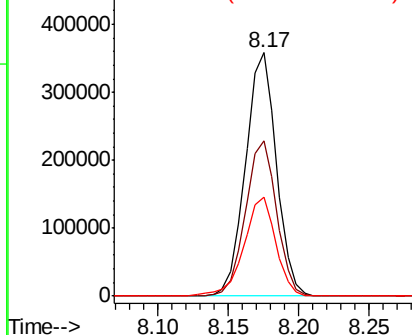


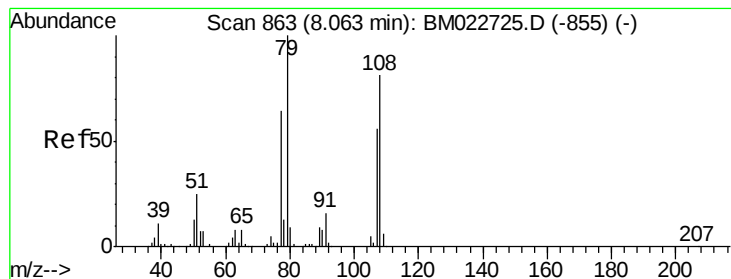
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.948 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

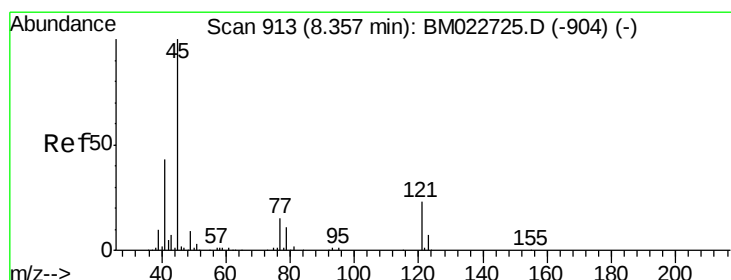
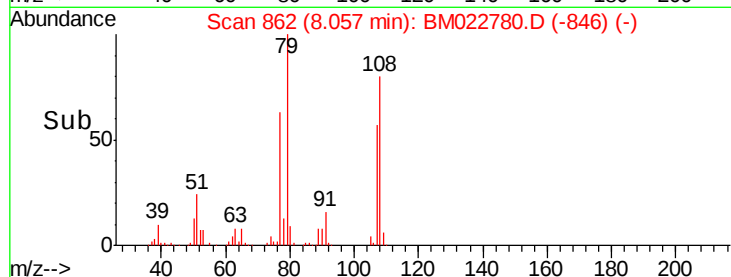
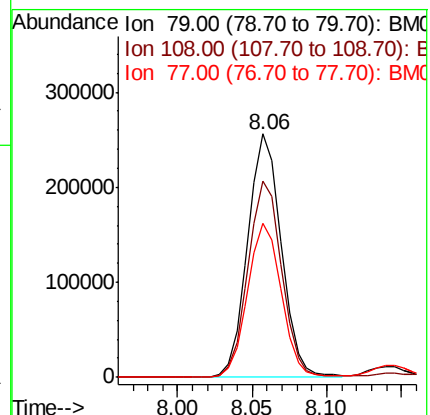
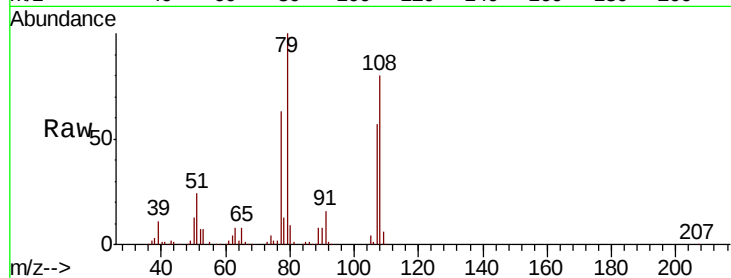
Tot Ion: 79 Resp: 399199

Ion Ratio Lower Upper

79 100

108 80.4 64.9 97.3

77 63.4 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.571 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

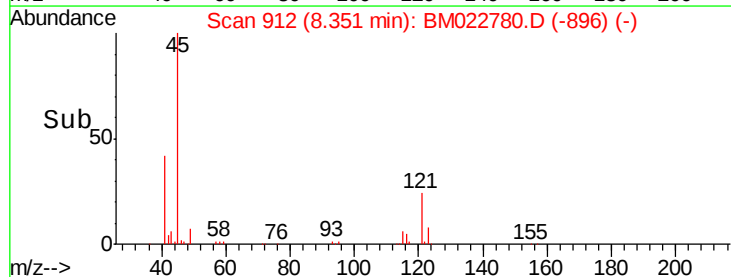
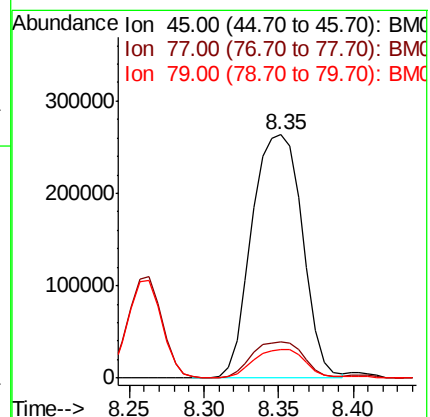
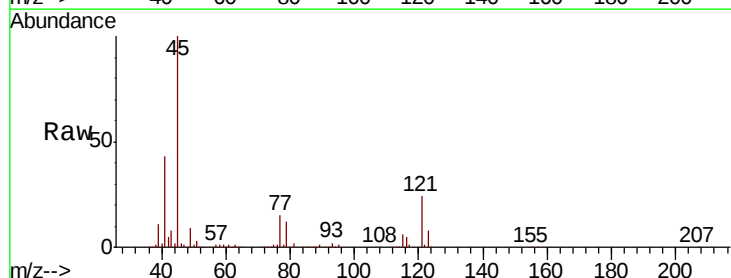
Tgt Ion: 45 Resp: 619253

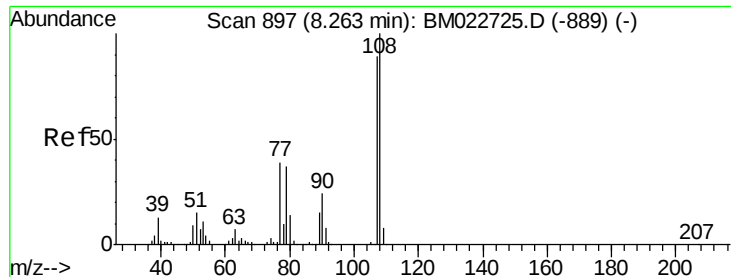
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.1

79 11.8 0.0 31.4

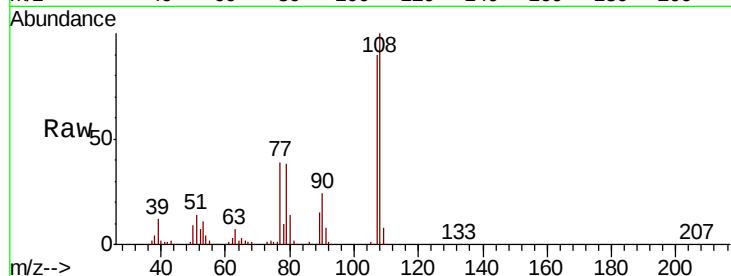




#17
2-Methylphenol
Concen: 34.846 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.0	135.0
77	43.5	35.2	52.8
79	42.0	33.4	50.2



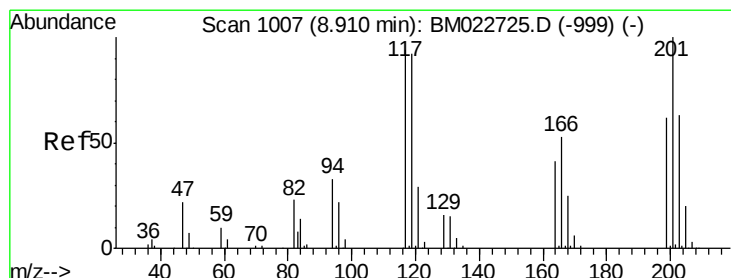
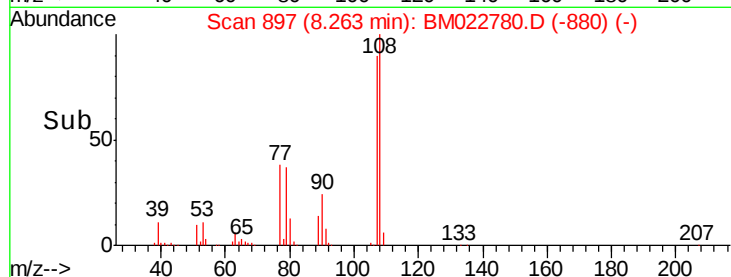
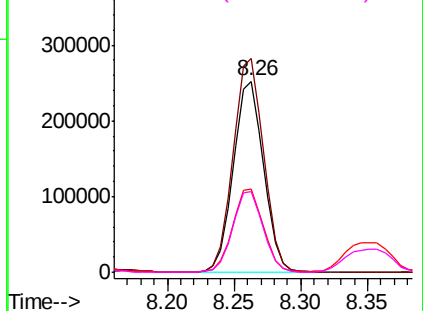
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

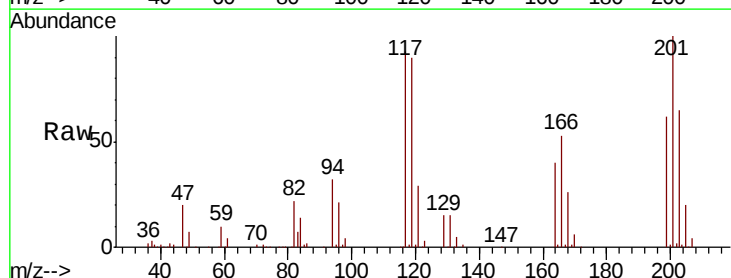
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 31.573 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.0	117.0
201	107.0	85.0	127.6

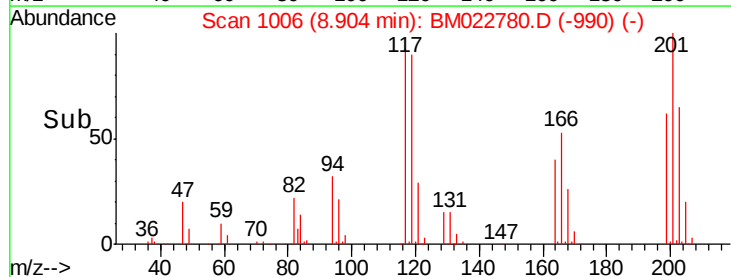
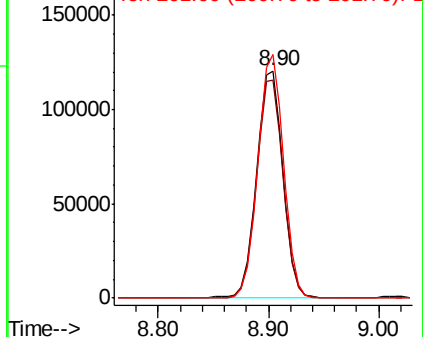


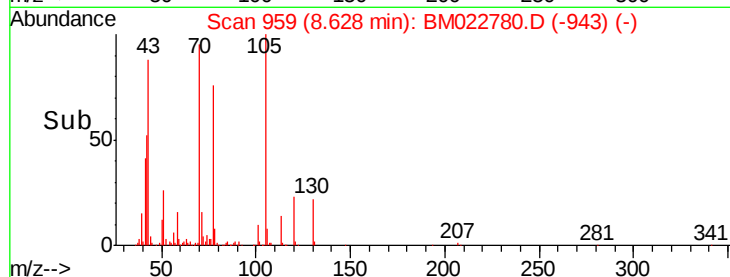
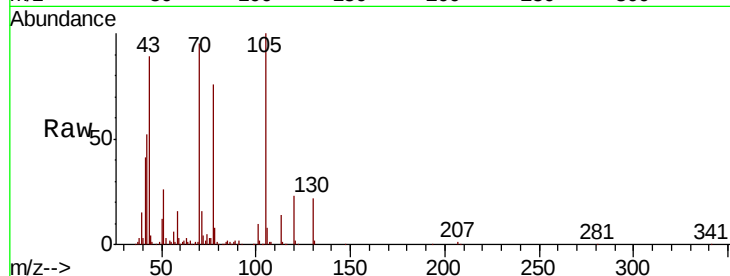
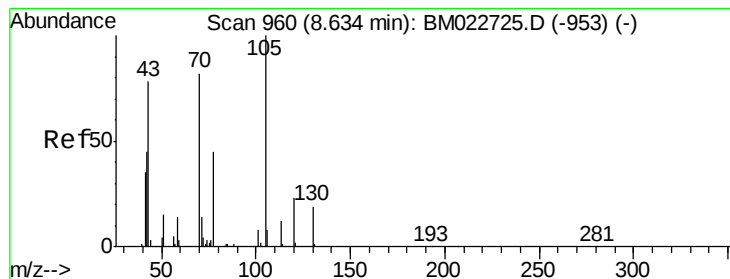
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.503 ng

RT: 8.63 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion: 70 Resp: 341534

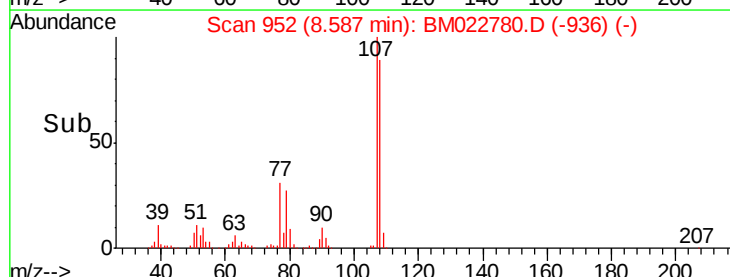
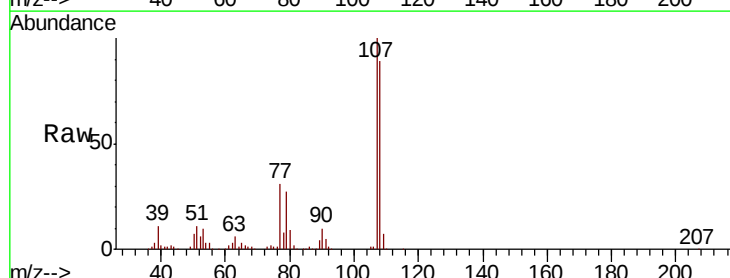
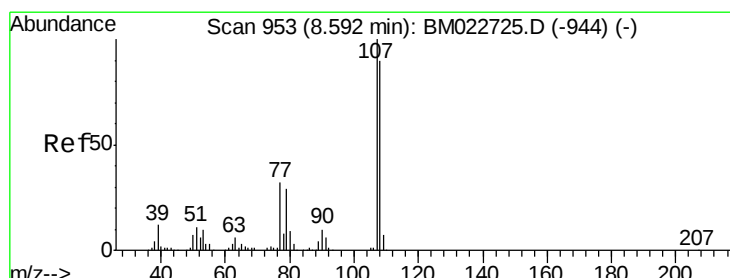
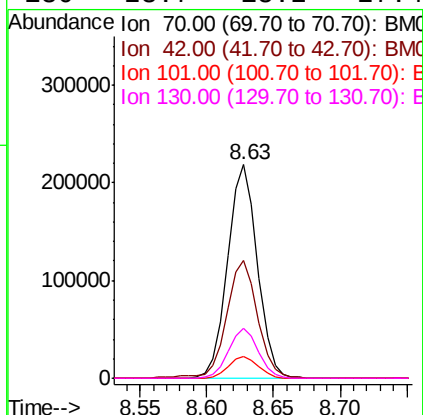
Ion Ratio Lower Upper

70 100

42 54.9 44.4 66.6

101 10.3 7.8 11.6

130 23.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 34.830 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:107 Resp: 527728

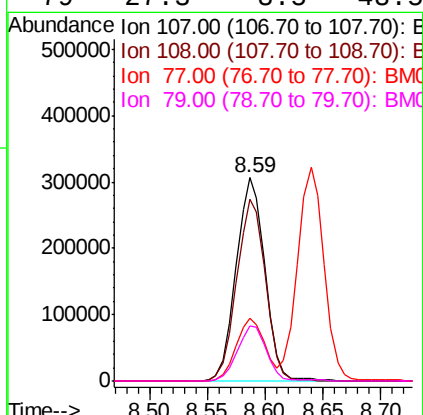
Ion Ratio Lower Upper

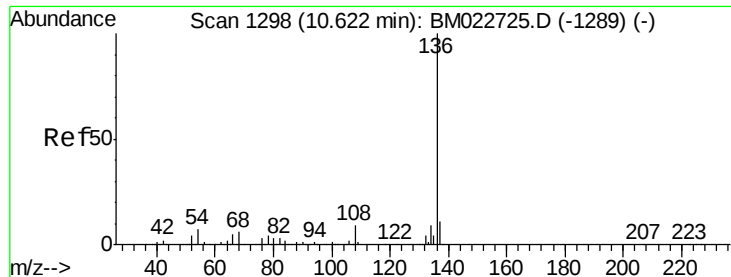
107 100

108 89.3 70.1 110.1

77 30.9 12.1 52.1

79 27.3 8.5 48.5

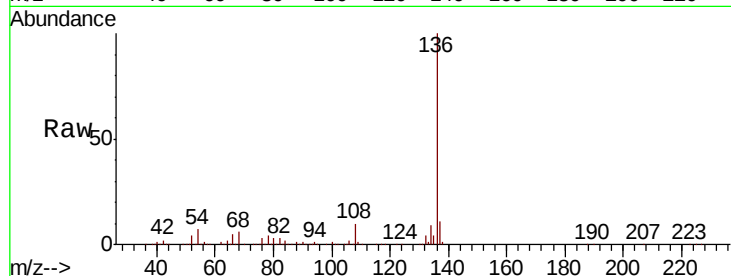




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:136	Resp: 817177
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 7.0	6.0 9.0
68 5.8	4.9 7.3



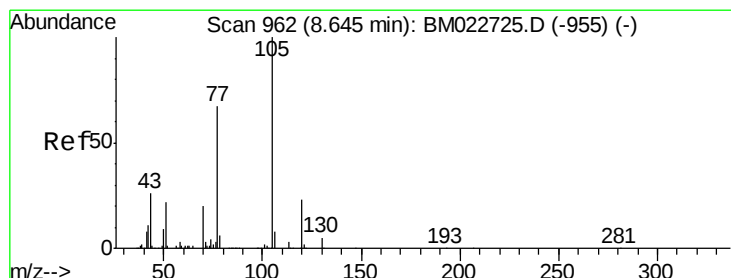
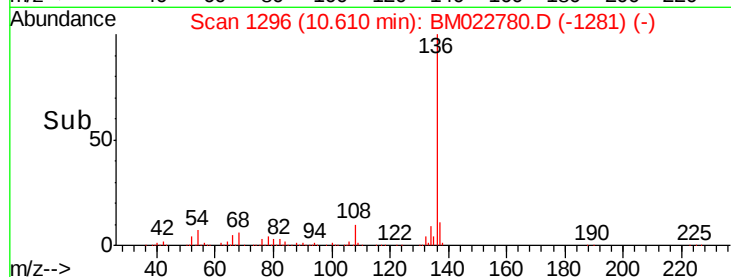
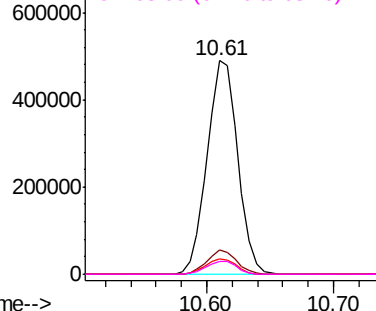
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

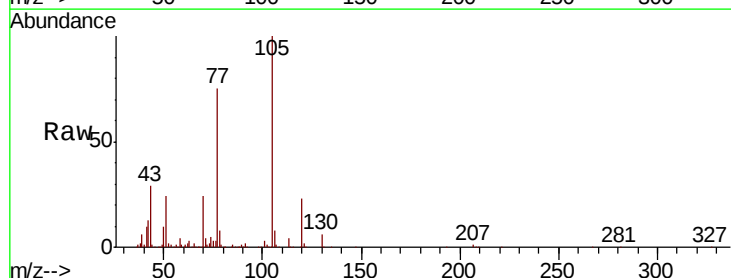
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 34.166 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	105	Resp:	689170
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.7	4.1
51	24.2	19.9	29.9
120	22.9	18.3	27.5



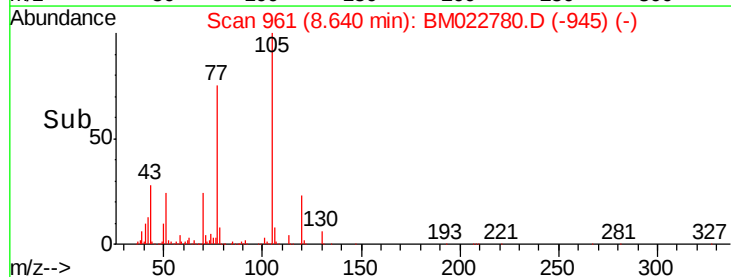
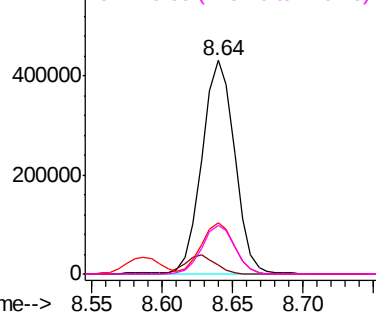
Abundance

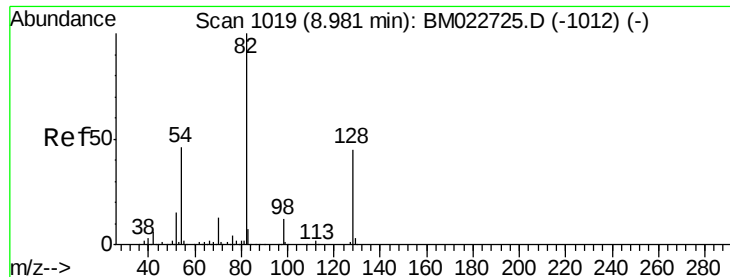
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

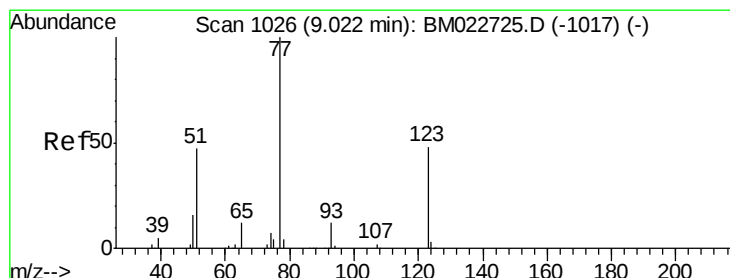
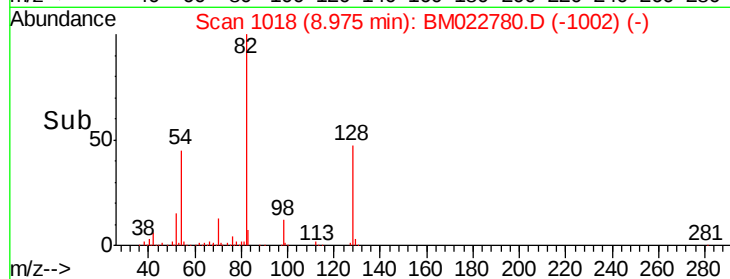
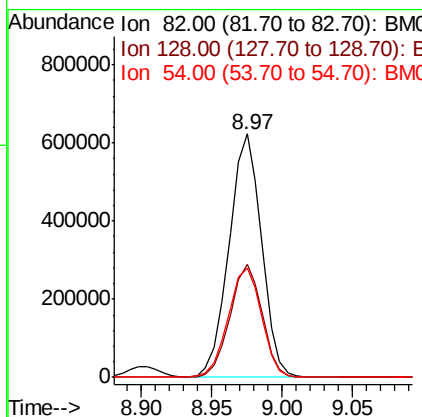
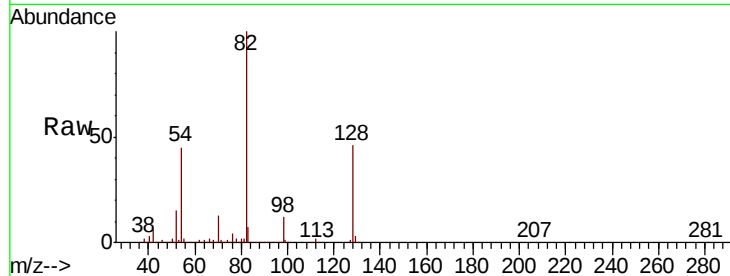




#23
 Nitrobenzene-d5
 Concen: 67.495 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

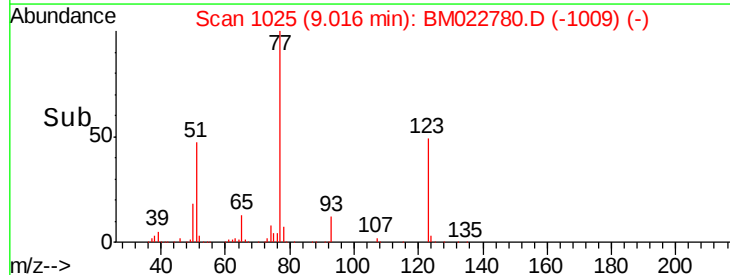
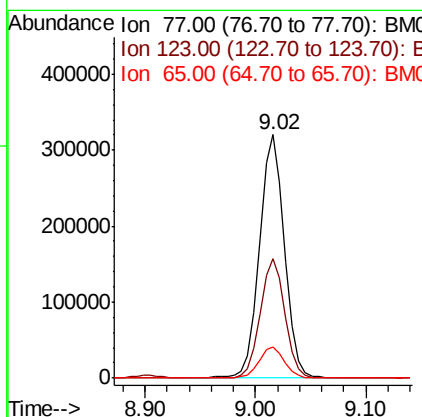
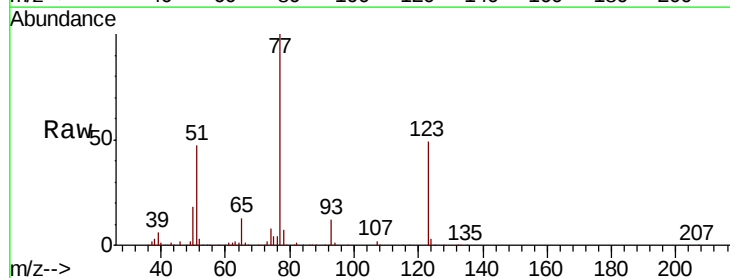
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

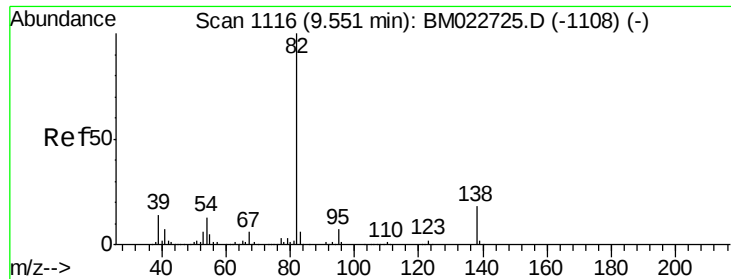
Tot Ion	82	Resp	993604
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.0	54.0
54	45.0	37.1	55.7



#24
 Nitrobenzene
 Concen: 35.861 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion	77	Resp	505109
Ion Ratio	Lower	Upper	
77	100		
123	49.1	38.0	57.0
65	12.8	10.0	15.0





#25

Isophorone

Concen: 37.508 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

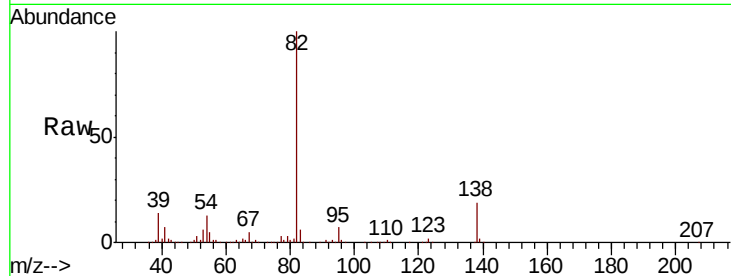
Tot Ion: 82 Resp: 907907

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

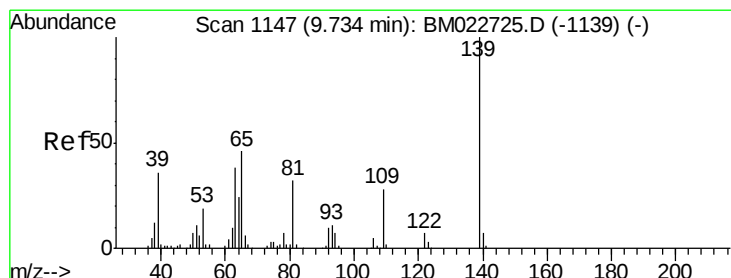
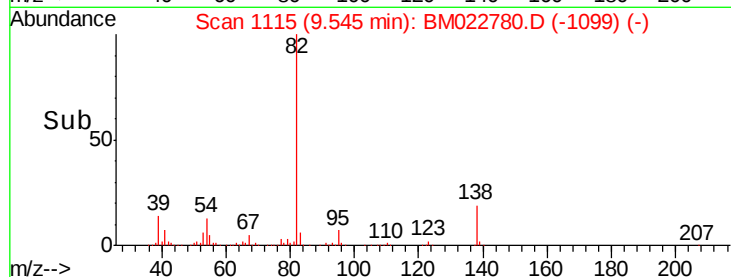
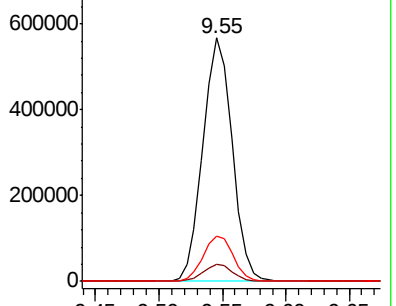
138 18.8 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM022725.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM022725.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM022725.D (-1108) (-)



#26

2-Nitrophenol

Concen: 41.371 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

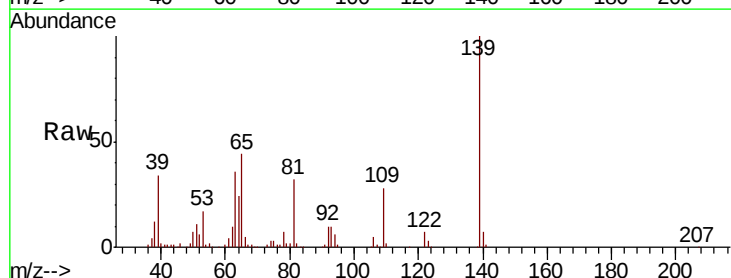
Tgt Ion: 139 Resp: 251560

Ion Ratio Lower Upper

139 100

109 27.9 22.6 33.8

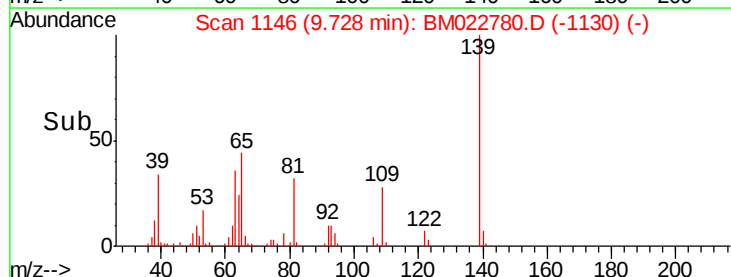
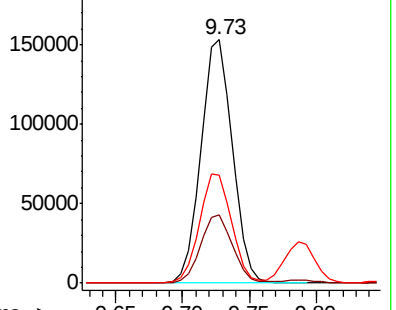
65 44.3 37.0 55.4

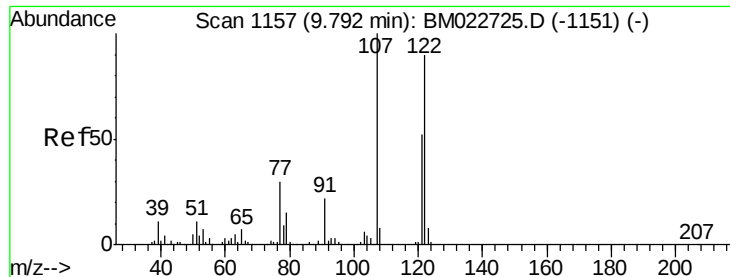


Abundance Ion 139.00 (138.70 to 139.70): BM022725.D (-1139) (-)

Ion 109.00 (108.70 to 109.70): BM022725.D (-1139) (-)

Ion 65.00 (64.70 to 65.70): BM022725.D (-1139) (-)

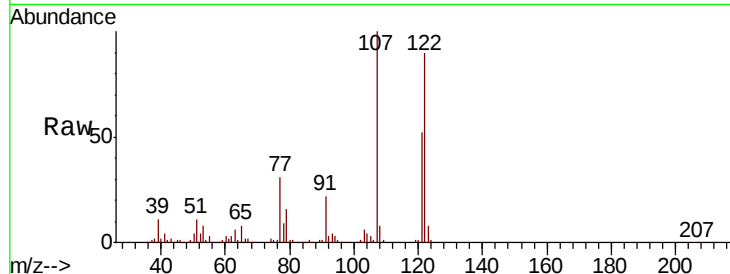




#27
 2,4-Dimethylphenol
 Concen: 43.083 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	88.9	133.3
121	58.1	46.5	69.7

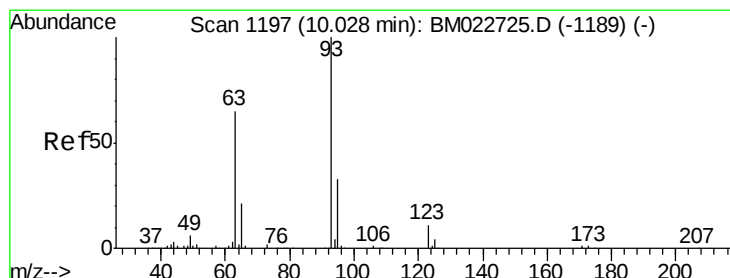
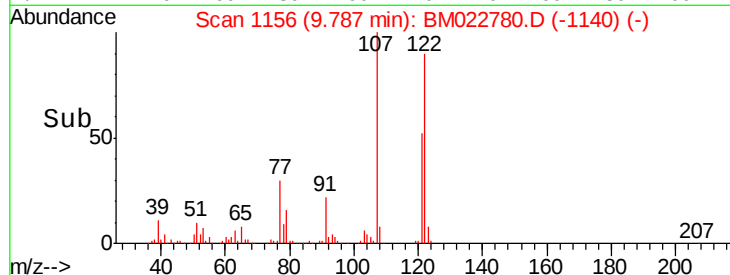
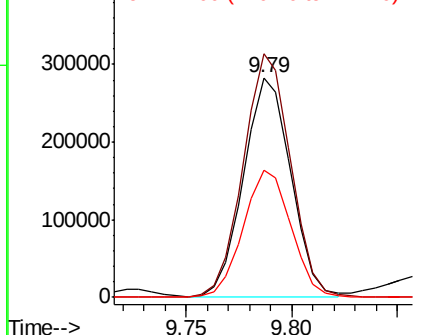


Abundance

Ion 122.00 (121.70 to 122.70): E

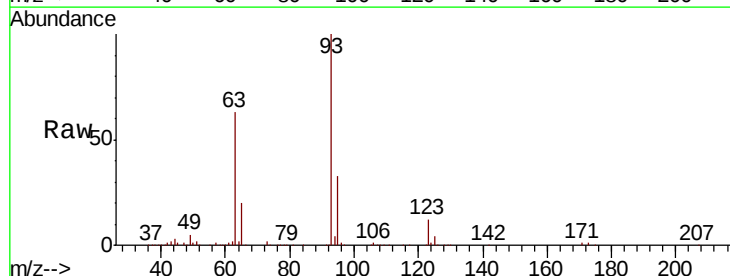
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.566 ng
 RT: 10.02 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.9	9.0	13.6

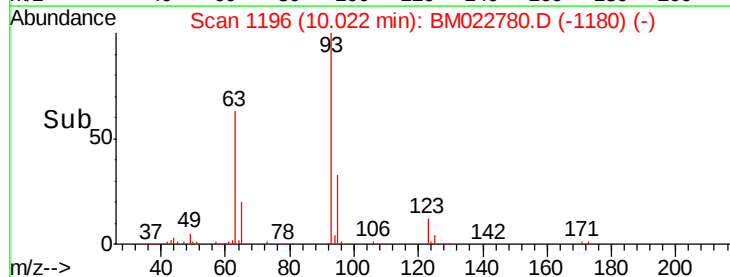
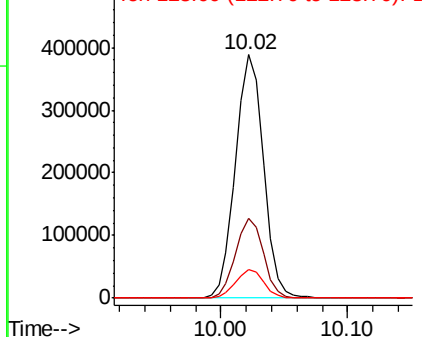


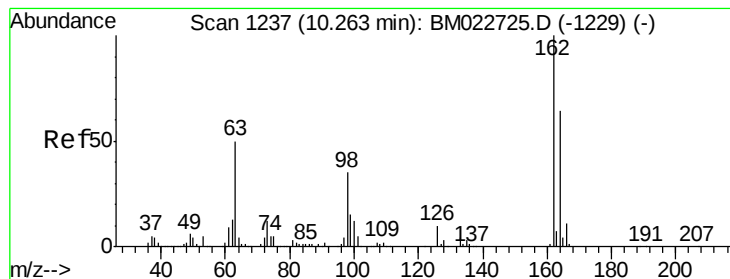
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.060 ng

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

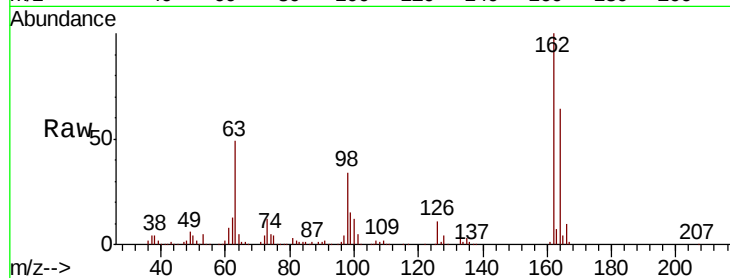
Tot Ion:162 Resp: 449542

Ion Ratio Lower Upper

162 100

164 64.1 44.4 84.4

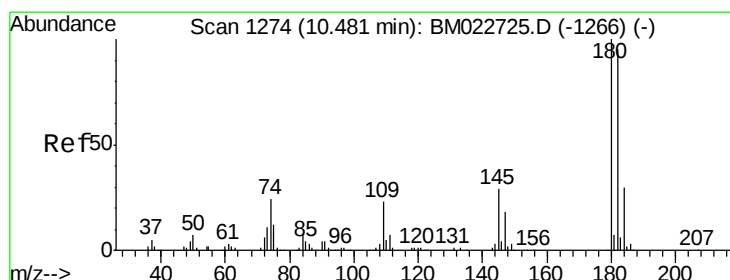
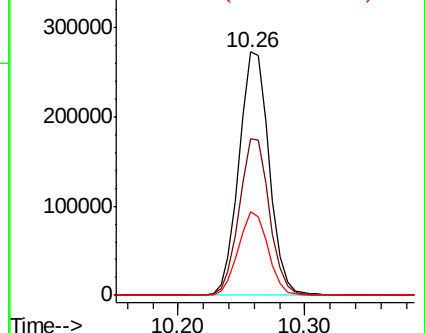
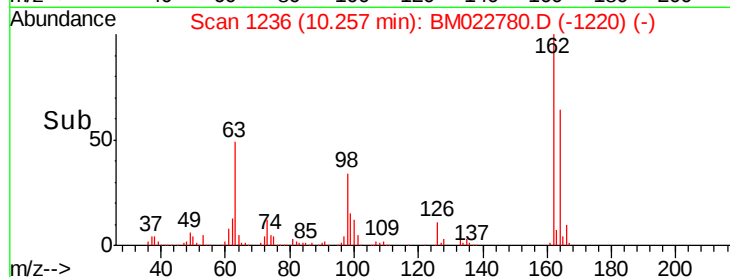
98 34.5 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 35.973 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

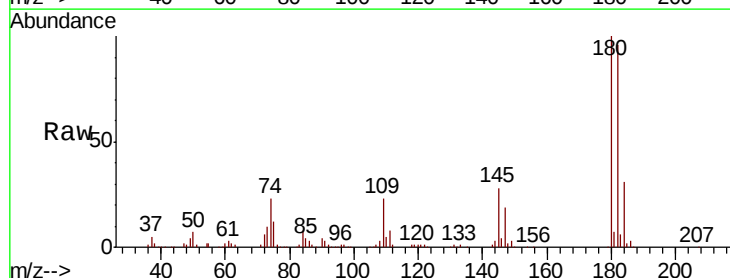
Tgt Ion:180 Resp: 509373

Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

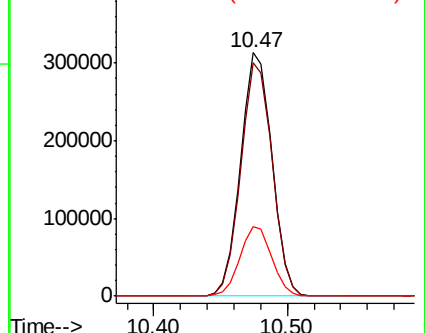
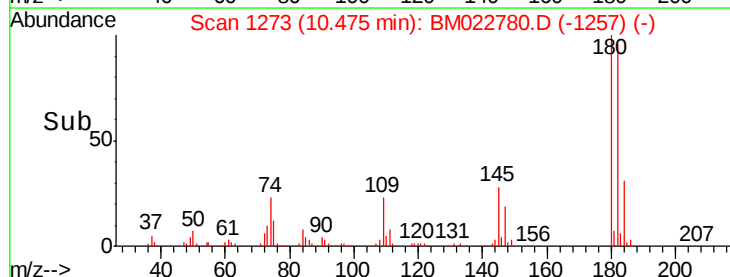
145 28.5 23.0 34.4

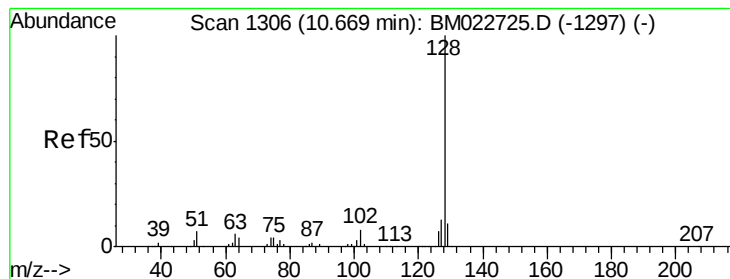


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.771 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

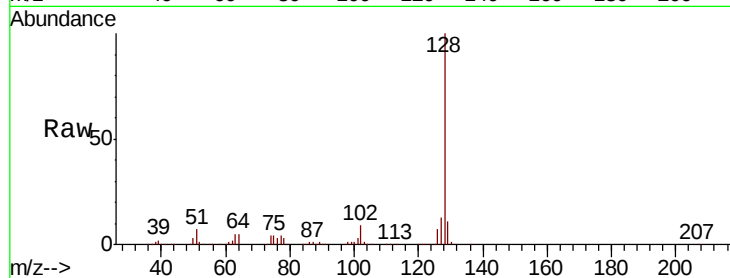
Tot Ion:128 Resp: 1525085

Ion Ratio Lower Upper

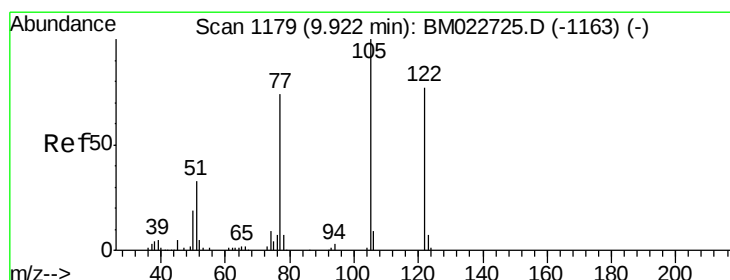
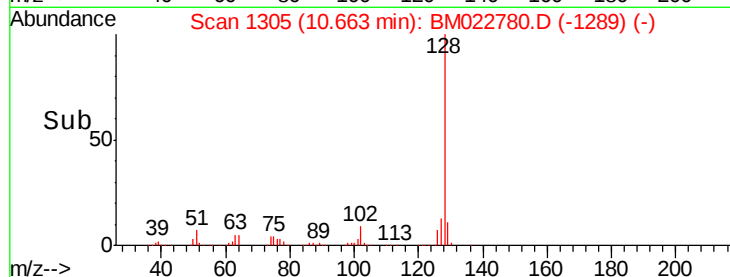
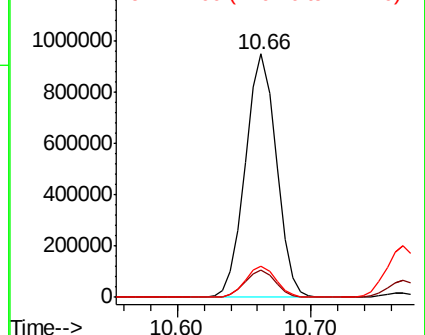
128 100

129 11.0 8.8 13.2

127 12.8 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.711 ng

RT: 9.90 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

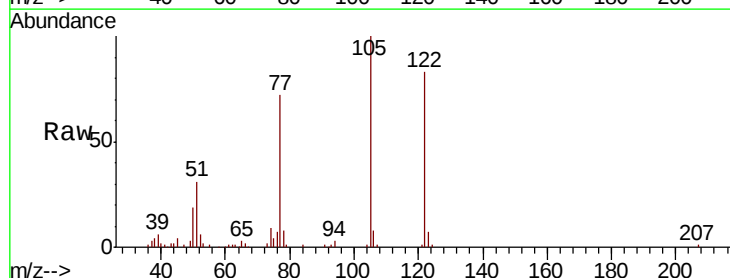
Tgt Ion:122 Resp: 211599

Ion Ratio Lower Upper

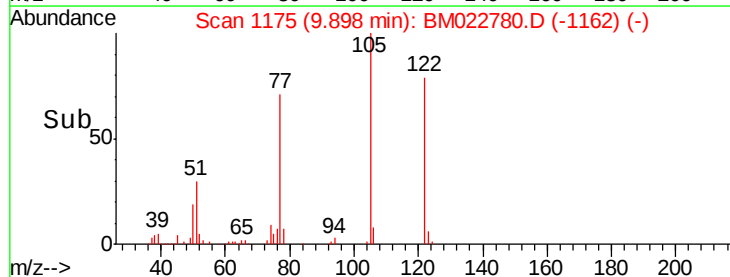
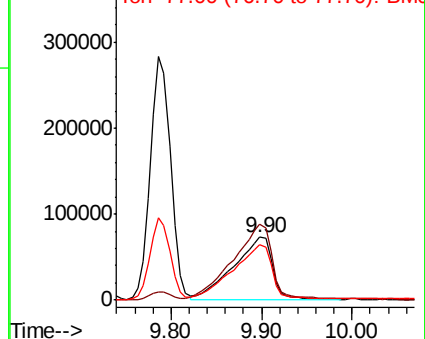
122 100

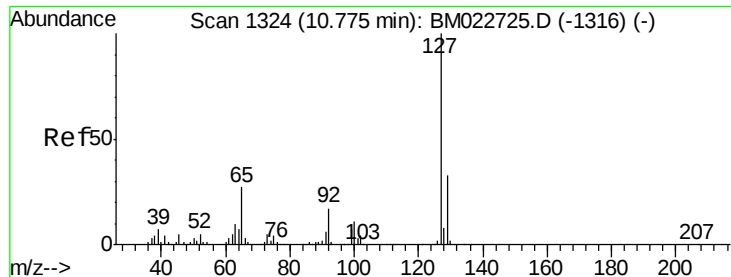
105 121.2 105.3 145.3

77 87.1 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

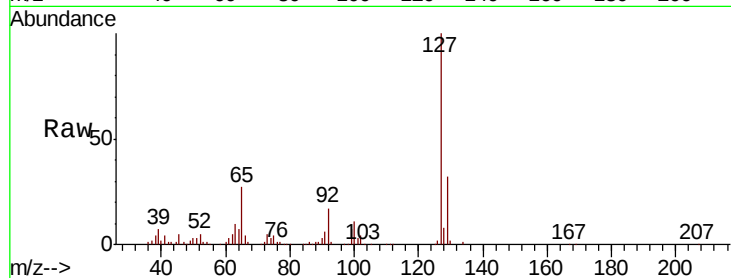




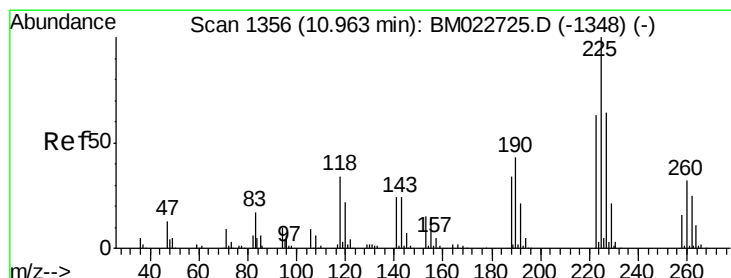
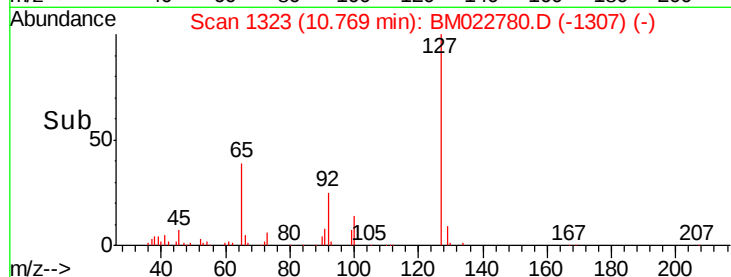
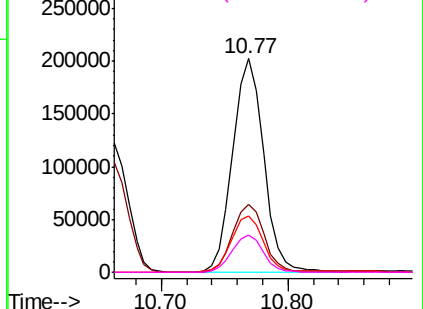
#33
4-Chloroaniline
Concen: 19.678 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:127	Resp:	344974
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.1 39.1
65	26.5	22.0 33.0
92	17.4	13.8 20.8

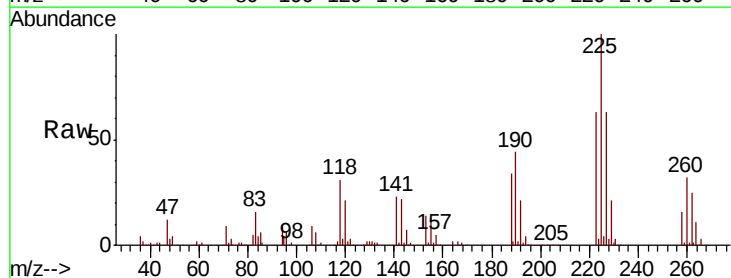


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

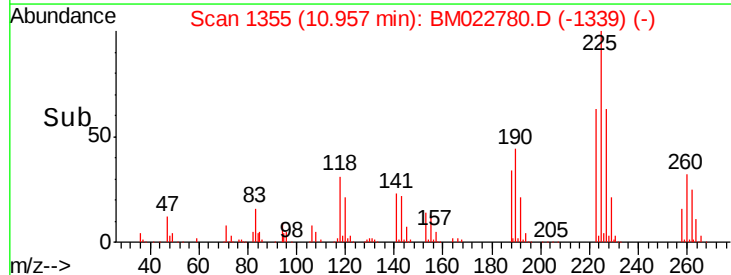
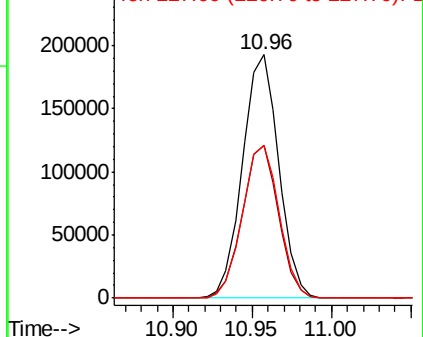


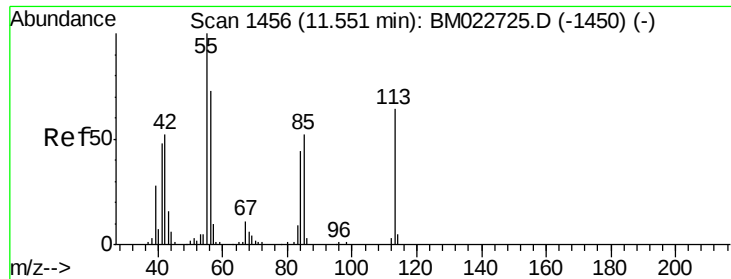
#34
Hexachlorobutadiene
Concen: 36.224 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion:225	Resp:	305758
Ion Ratio	Lower	Upper
225	100	
223	62.6	50.2 75.4
227	63.0	51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

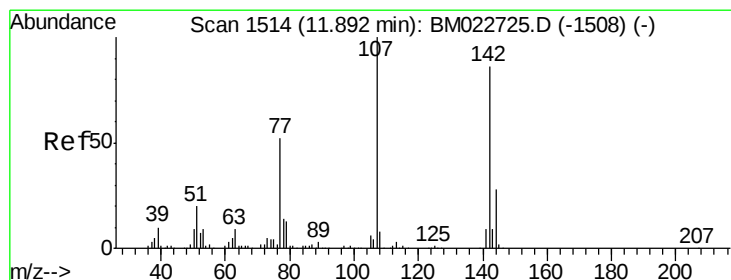
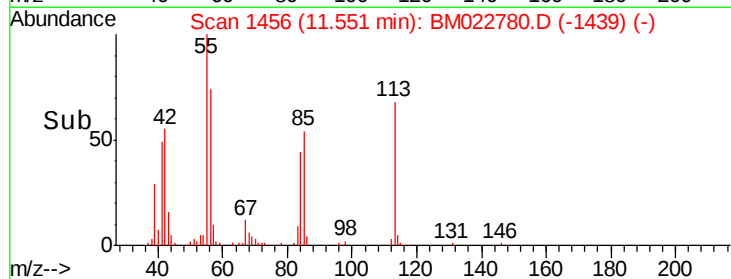
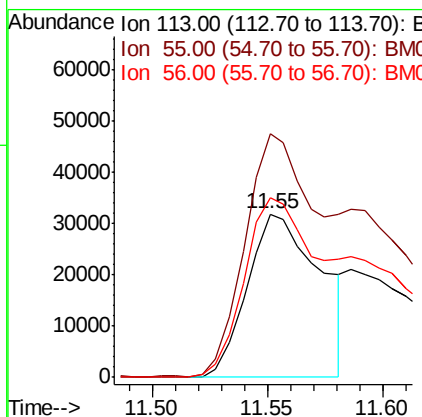
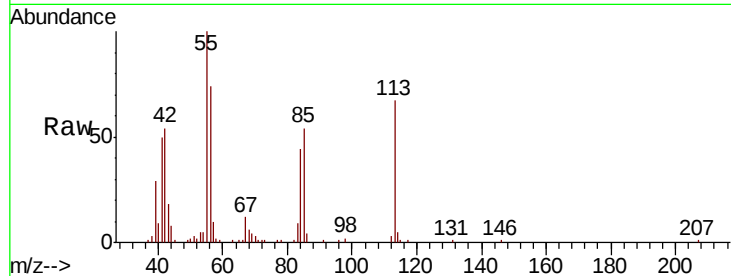




#35
 Caprolactam
 Concen: 20.563 ng
 RT: 11.55 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

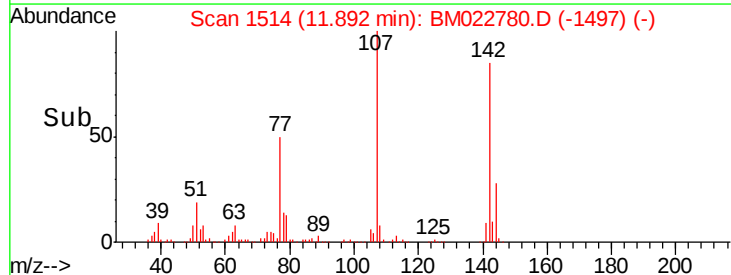
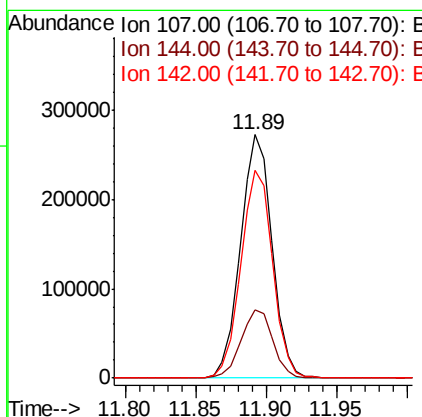
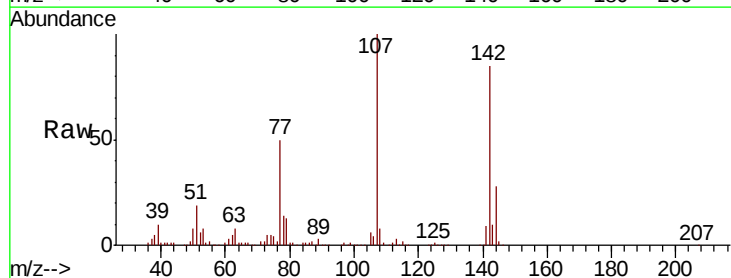
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

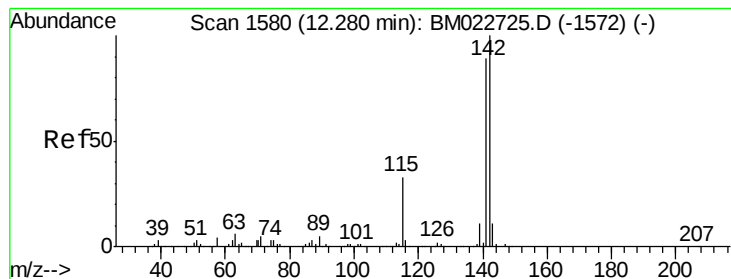
Tot Ion:113 Resp: 70159
 Ion Ratio Lower Upper
 113 100
 55 148.9 136.8 176.8
 56 109.8 95.2 135.2



#36
 4-Chloro-3-methylphenol
 Concen: 37.966 ng
 RT: 11.89 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion:107 Resp: 426298
 Ion Ratio Lower Upper
 107 100
 144 28.0 22.4 33.6
 142 85.1 68.2 102.4





#37

2-Methylnaphthalene

Concen: 38.156 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

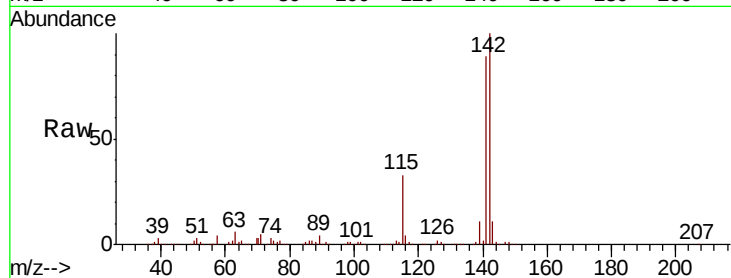
Tot Ion:142 Resp: 1072393

Ion Ratio Lower Upper

142 100

141 88.7 71.5 107.3

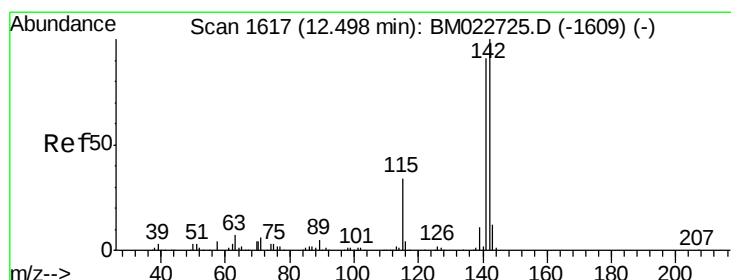
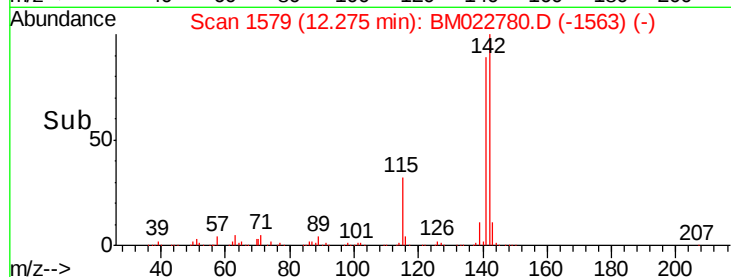
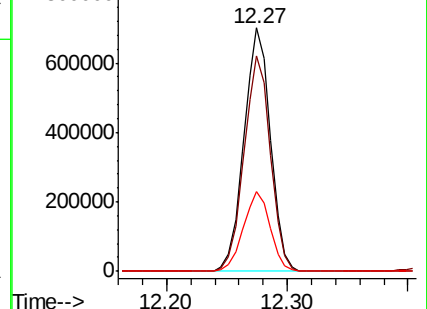
115 32.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.153 ng

RT: 12.49 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

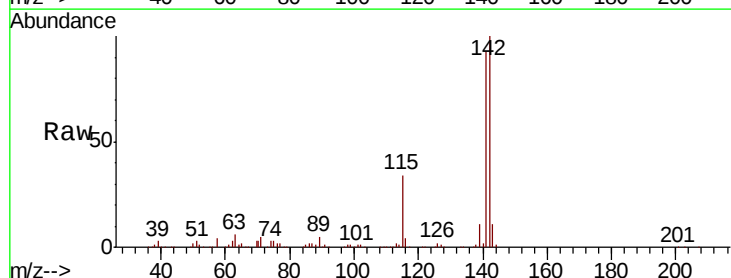
Tgt Ion:142 Resp: 991180

Ion Ratio Lower Upper

142 100

141 93.0 73.0 109.4

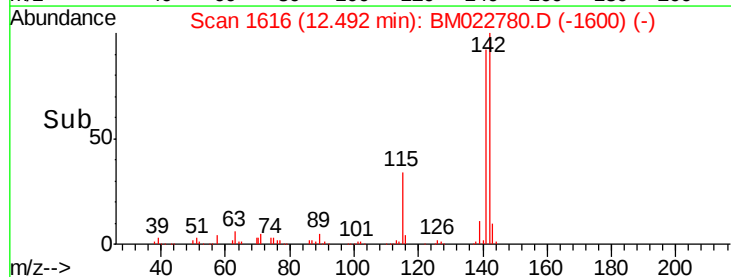
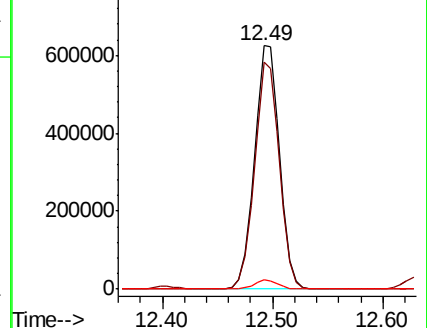
116 3.6 2.9 4.3

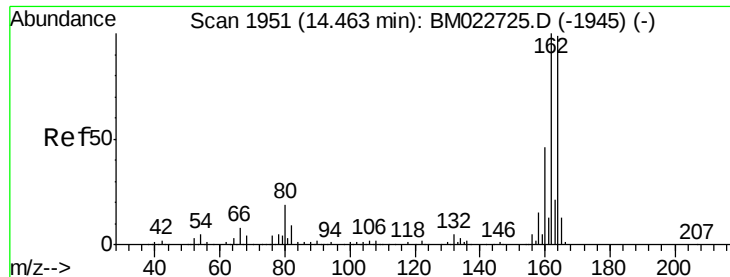


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

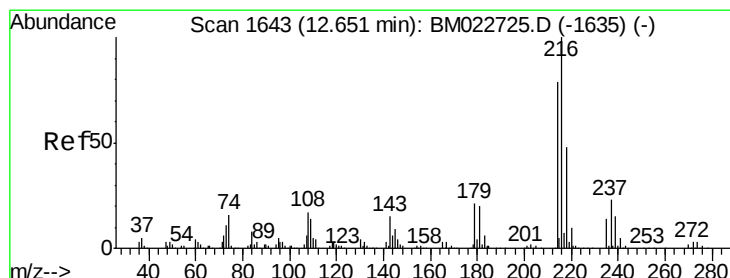
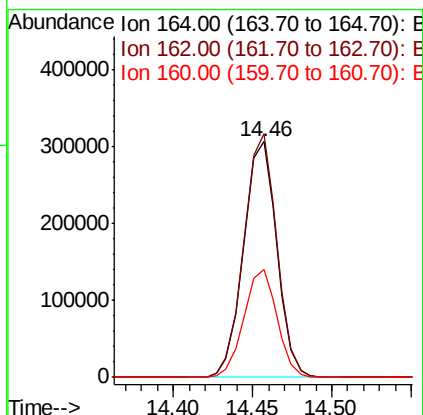
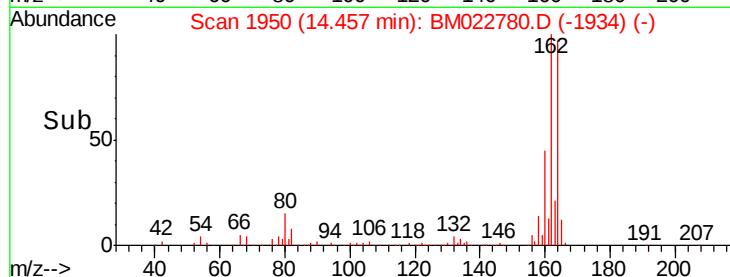
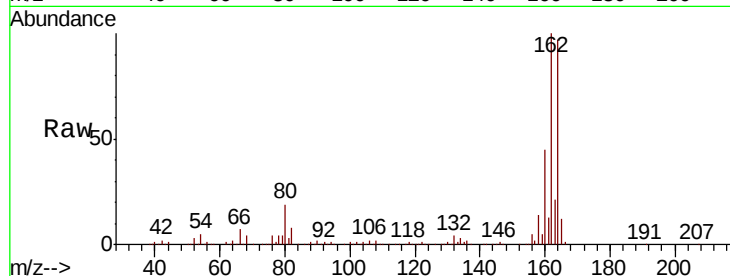
Tot Ion:164 Resp: 445911

Ion Ratio Lower Upper

164 100

162 103.3 81.1 121.7

160 46.0 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.574 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:216 Resp: 537493

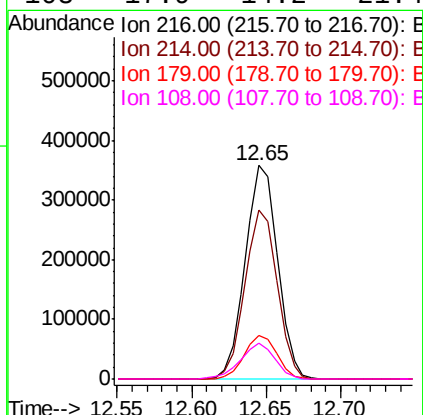
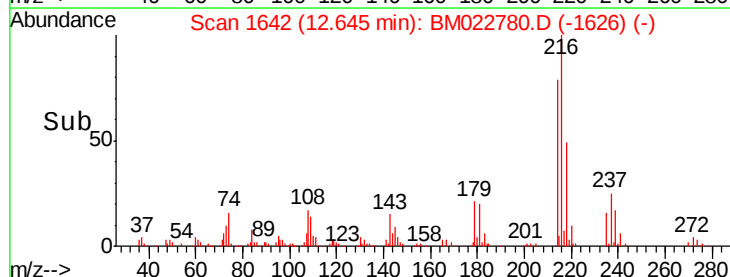
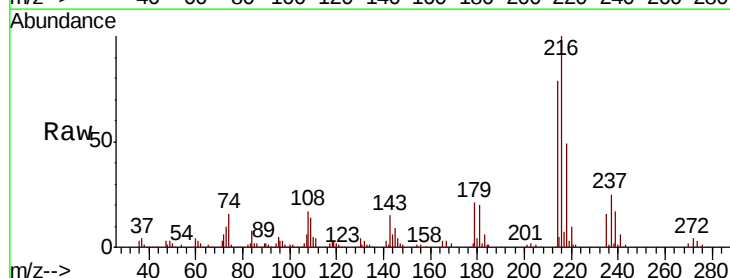
Ion Ratio Lower Upper

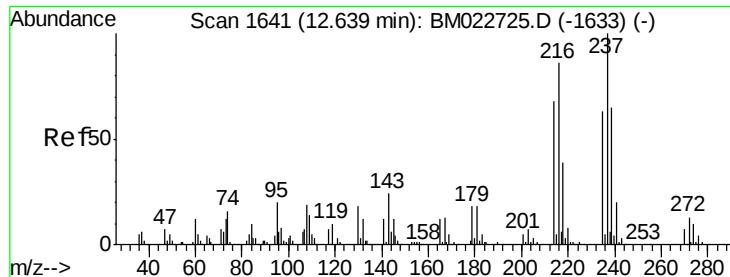
216 100

214 78.9 62.9 94.3

179 20.5 16.6 24.8

108 17.9 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 45.213 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

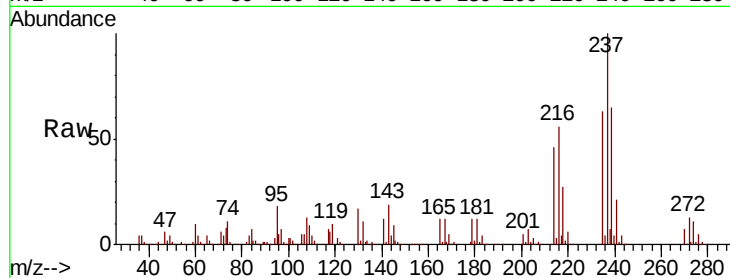
Tot Ion: 237 Resp: 372725

Ion Ratio Lower Upper

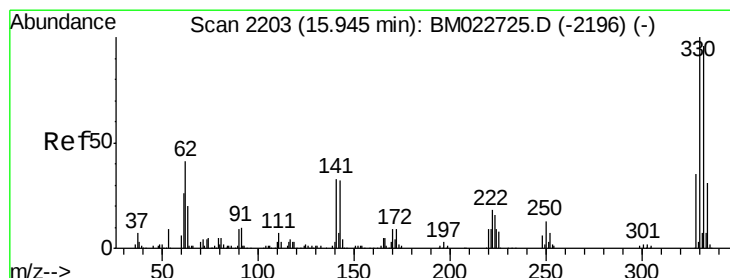
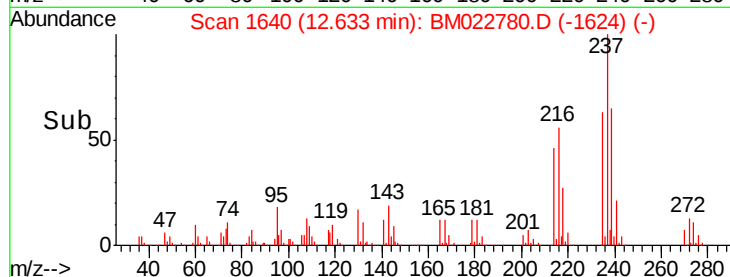
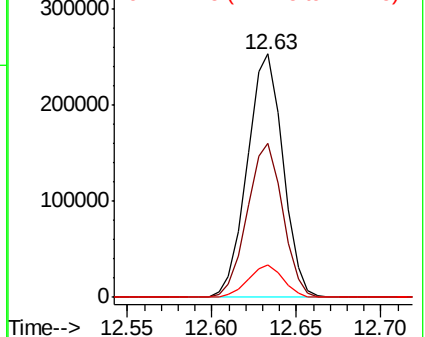
237 100

235 63.0 43.3 83.3

272 13.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.194 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

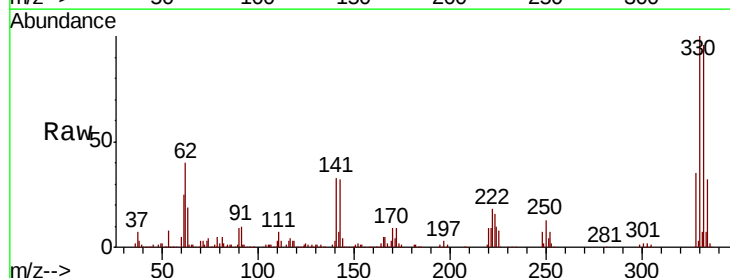
Tgt Ion: 330 Resp: 596695

Ion Ratio Lower Upper

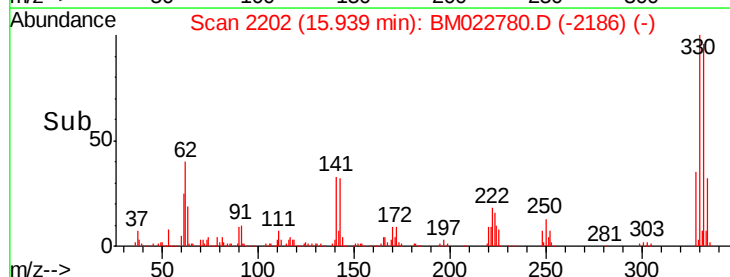
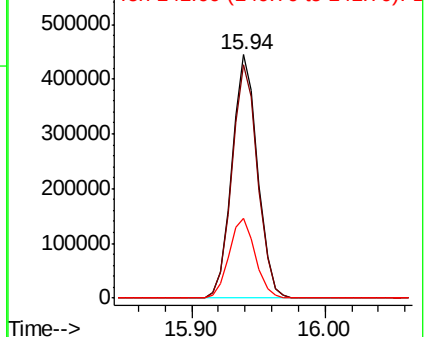
330 100

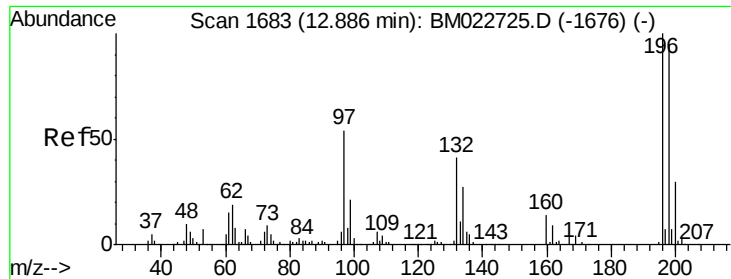
332 96.3 76.9 115.3

141 33.6 28.6 42.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

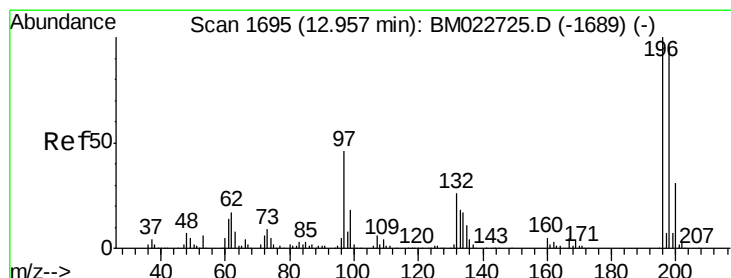
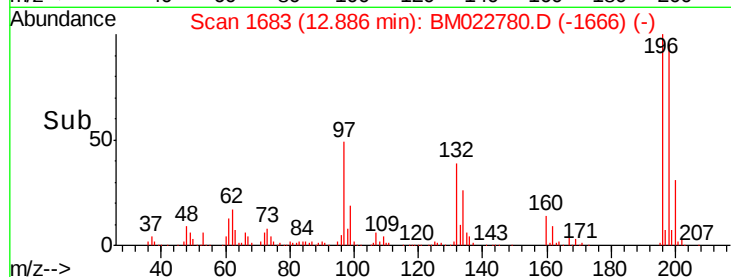
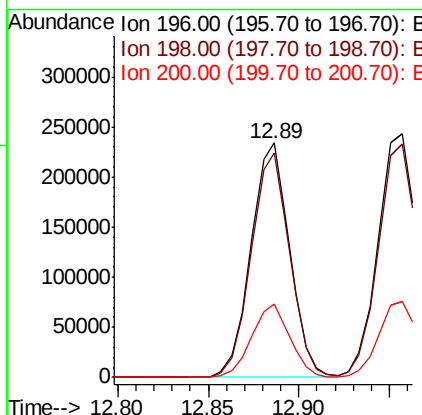
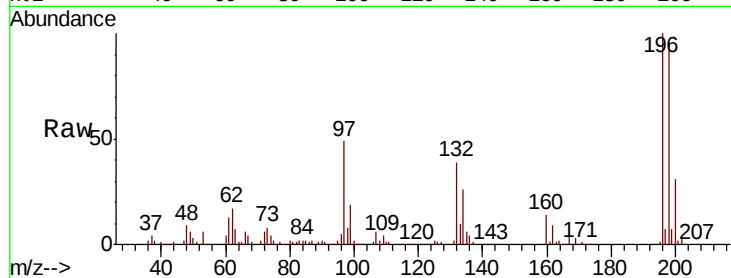




#43
 2,4,6-Trichlorophenol
 Concen: 39.661 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

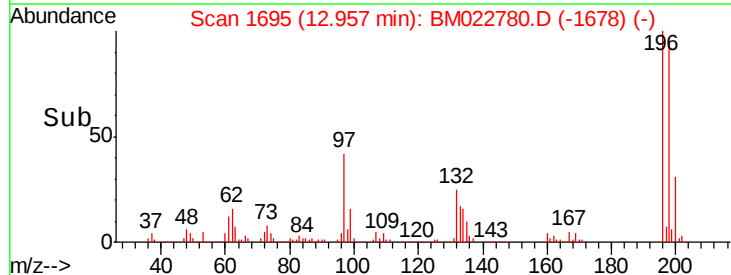
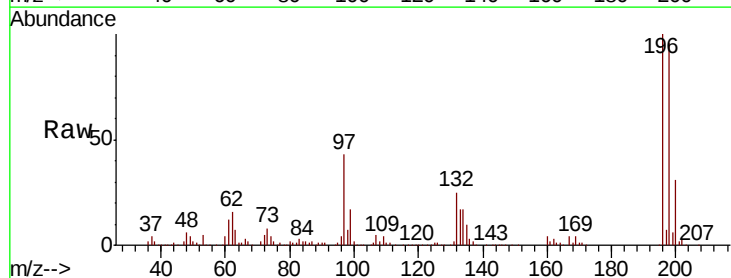
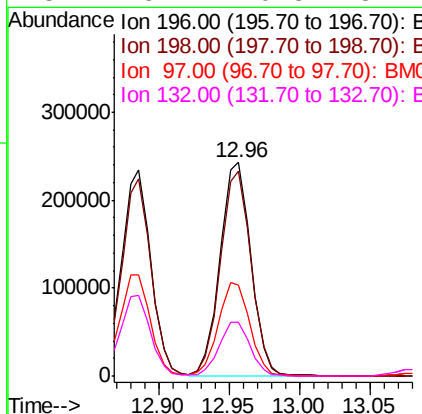
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

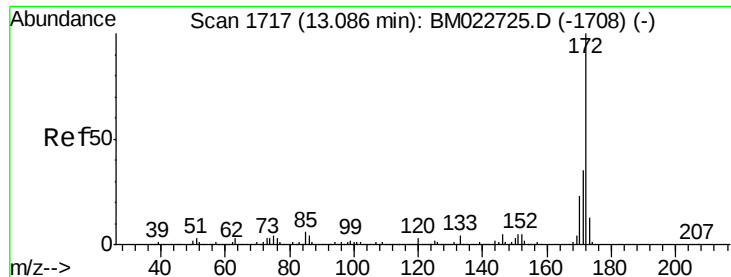
Tot Ion:196 Resp: 345868
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.3 114.5
 200 31.4 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.428 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion:196 Resp: 367385
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.0 115.4
 97 42.7 37.2 55.8
 132 25.2 20.8 31.2



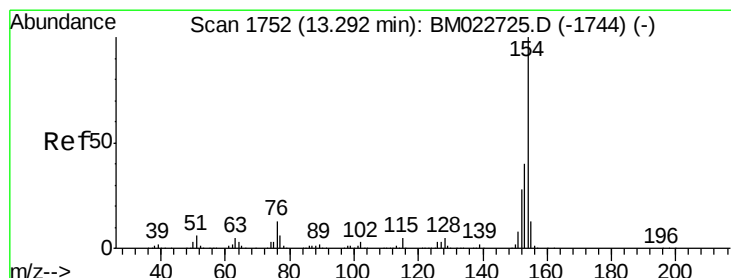
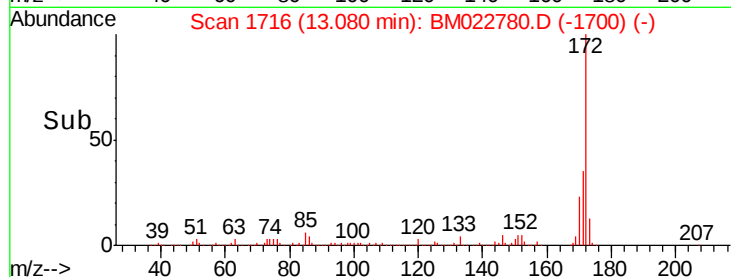
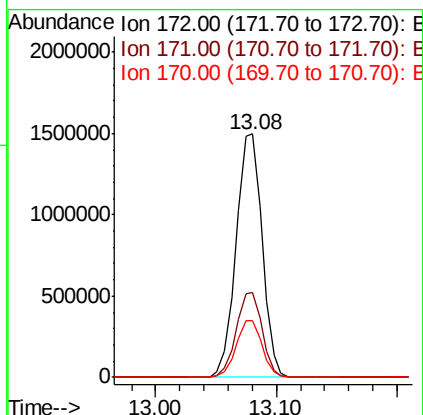
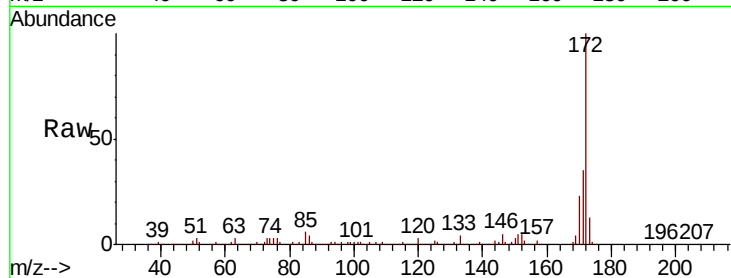


#45
2-Fluorobiphenyl
Concen: 69.593 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:172 Resp: 2253562

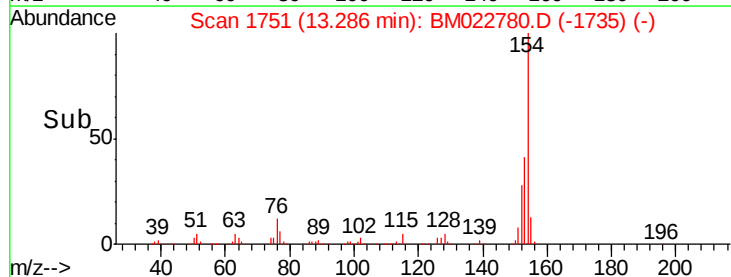
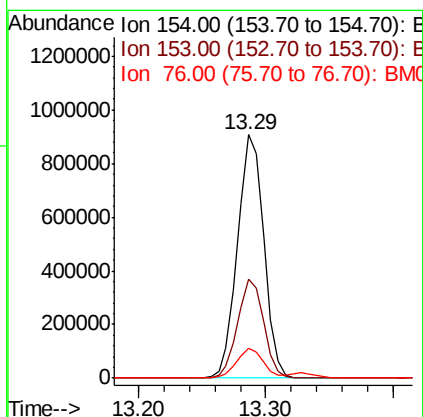
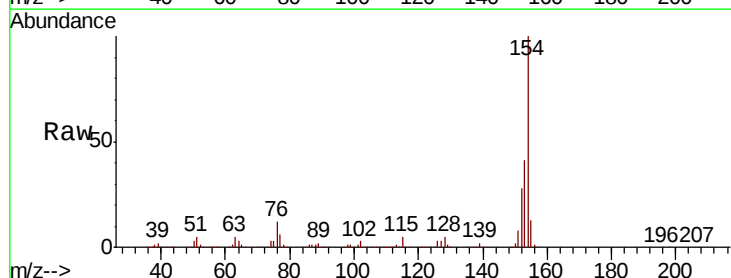
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	23.4	18.7	28.1

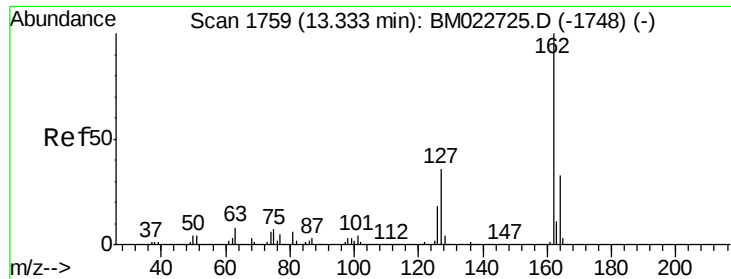


#46
1,1'-Biphenyl
Concen: 35.202 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion:154 Resp: 1299149

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.1	60.1
76	12.1	0.0	32.6

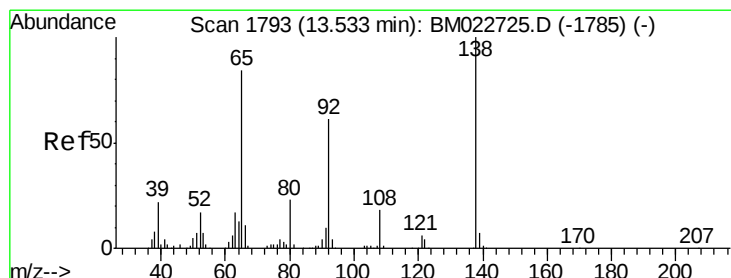
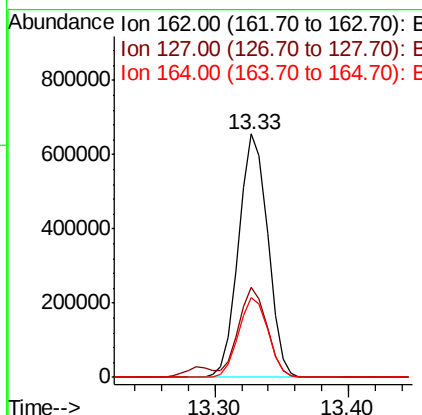
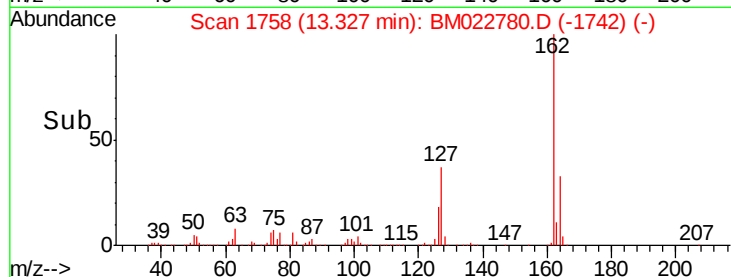
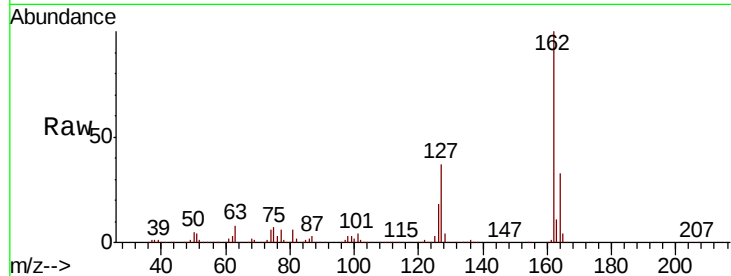




#47
 2-Chloronaphthalene
 Concen: 36.030 ng
 RT: 13.33 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

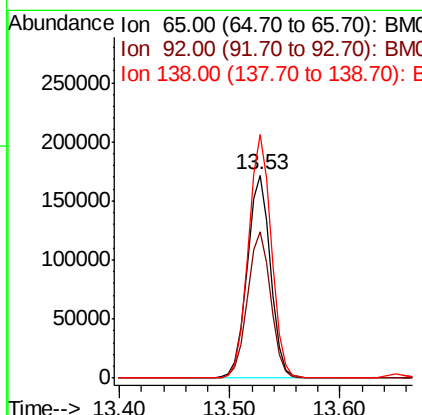
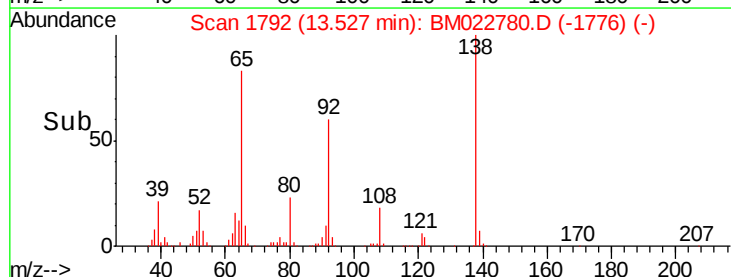
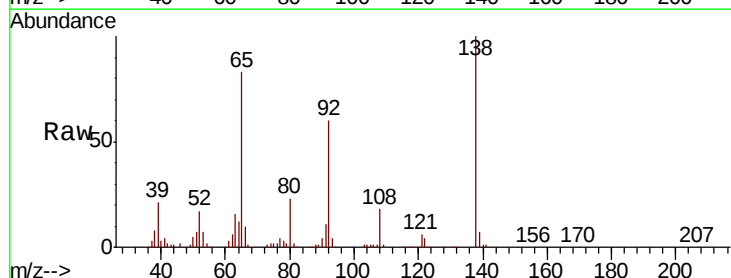
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

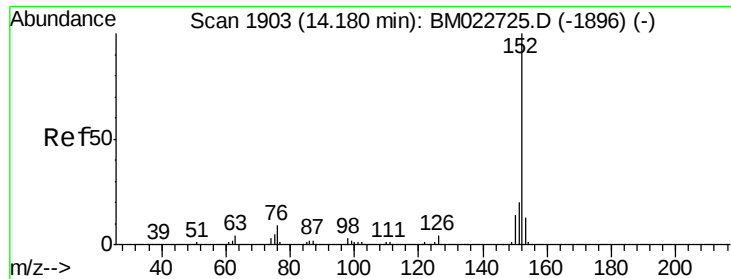
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.0	43.6
164	33.0	26.0	39.0



#48
 2-Nitroaniline
 Concen: 35.655 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	58.6	87.8
138	119.9	95.4	143.0





#49

Acenaphthylene

Concen: 41.501 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

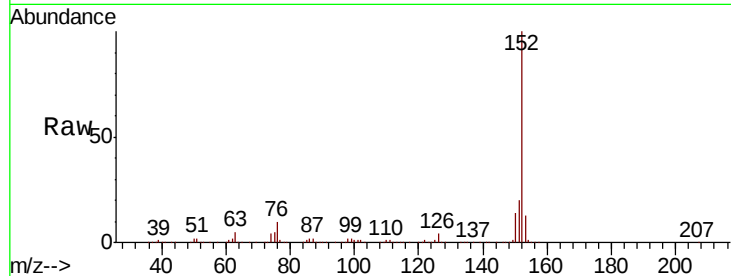
BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:152 Resp: 1690490

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.4	10.5	15.7

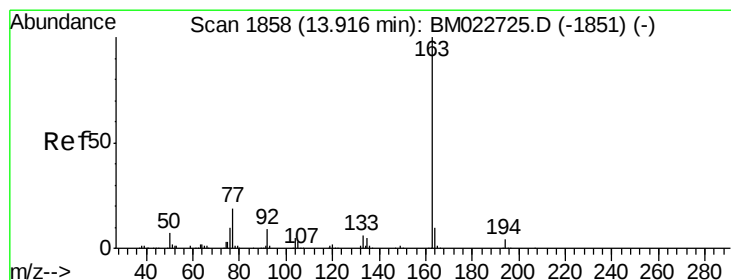
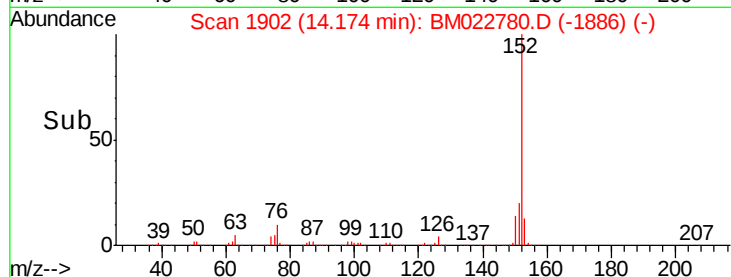
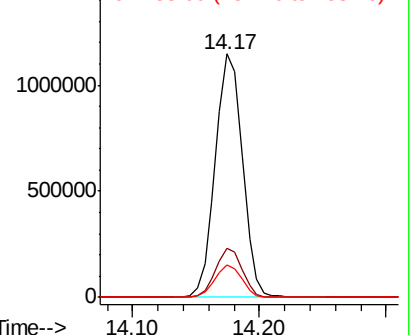


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.108 ng

RT: 13.91 min Scan# 1857

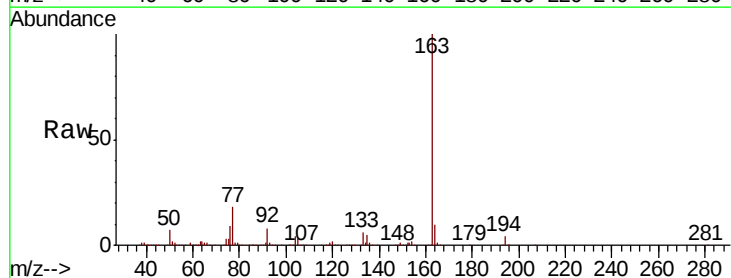
Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:163 Resp: 1421369

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.4	8.2	12.2

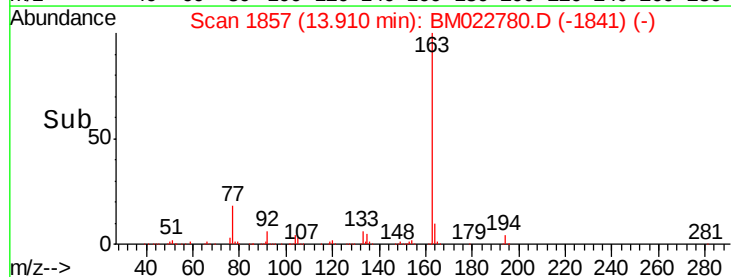
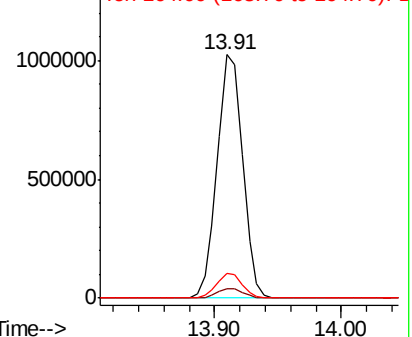


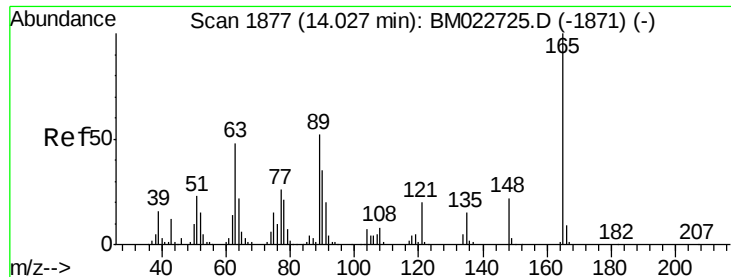
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.475 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

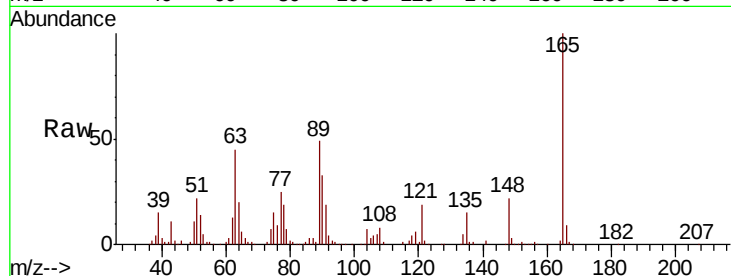
Tot Ion:165 Resp: 252605

Ion Ratio Lower Upper

165 100

63 44.5 38.6 58.0

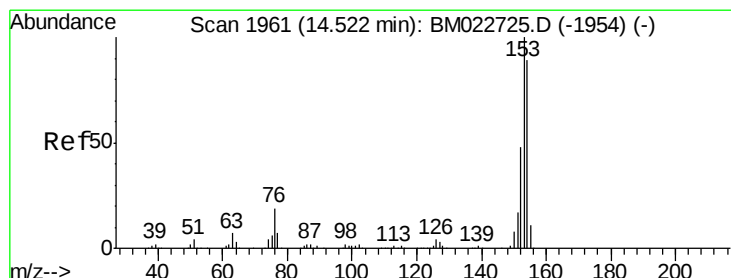
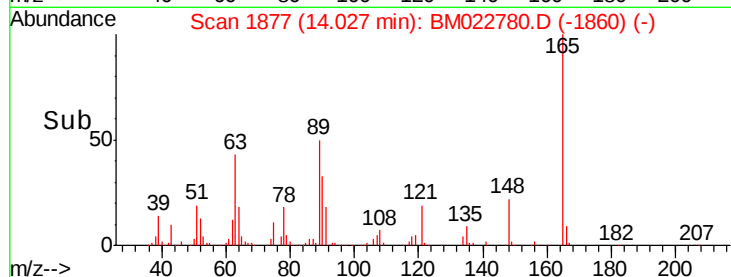
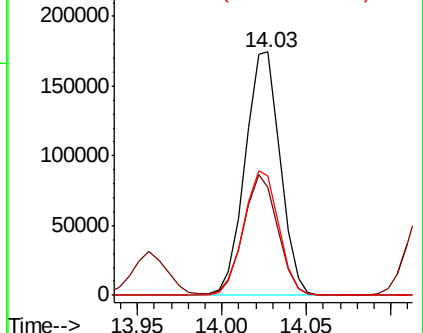
89 49.2 41.6 62.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 34.863 ng

RT: 14.52 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

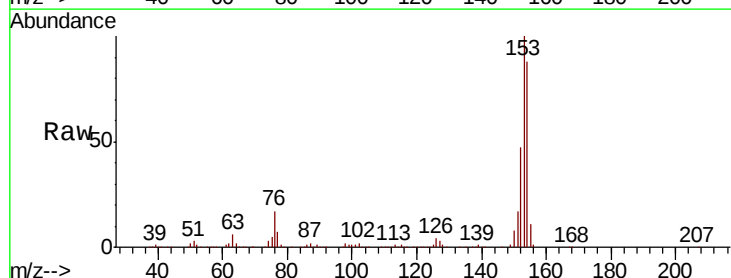
Tgt Ion:154 Resp: 929058

Ion Ratio Lower Upper

154 100

153 113.6 90.0 135.0

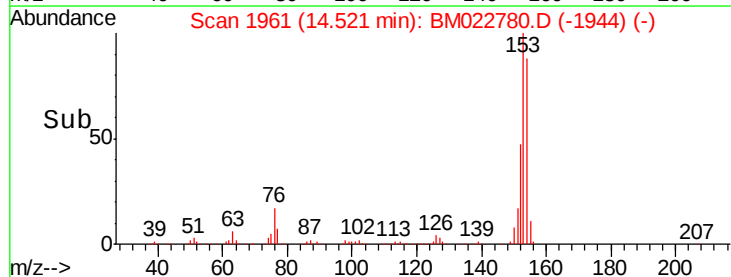
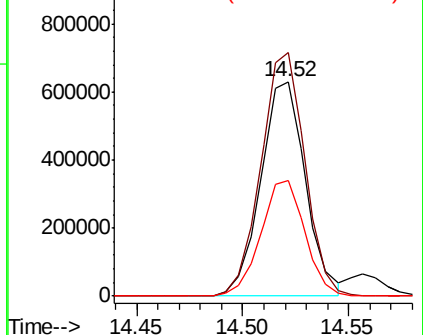
152 53.8 42.9 64.3

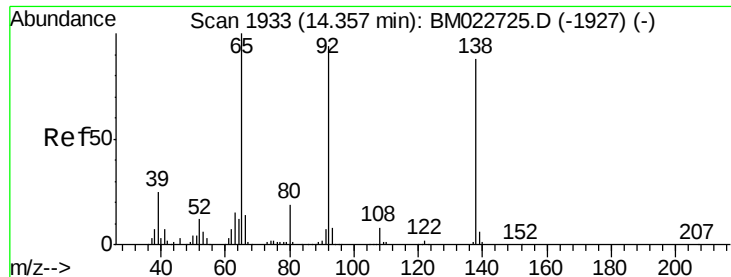


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

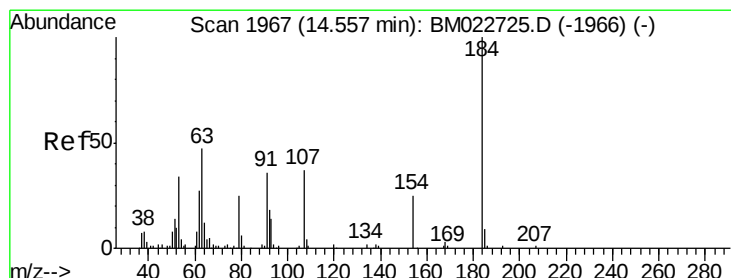
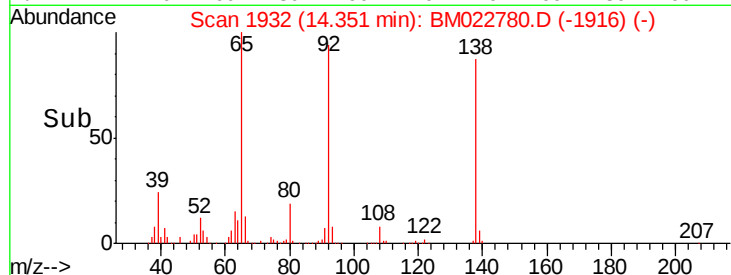
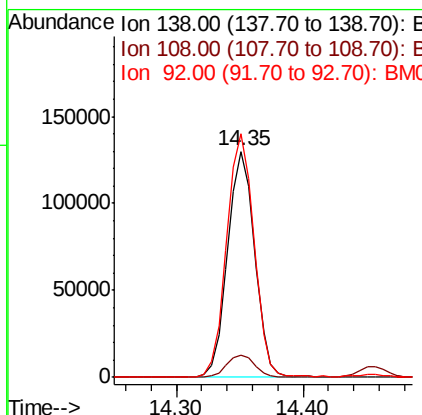
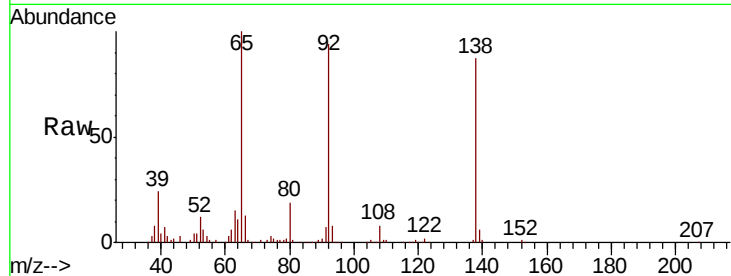




#53
3-Nitroaniline
Concen: 24.765 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

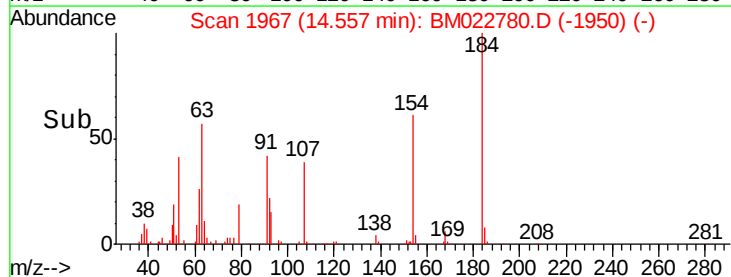
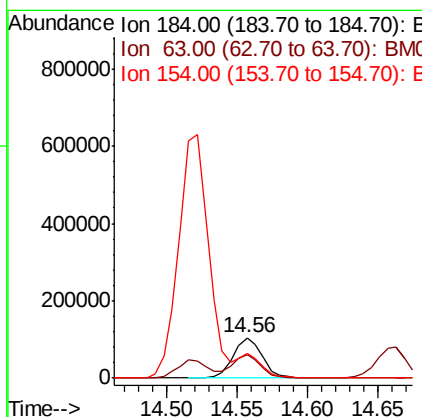
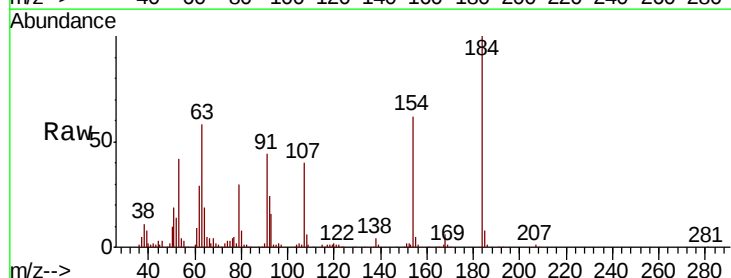
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

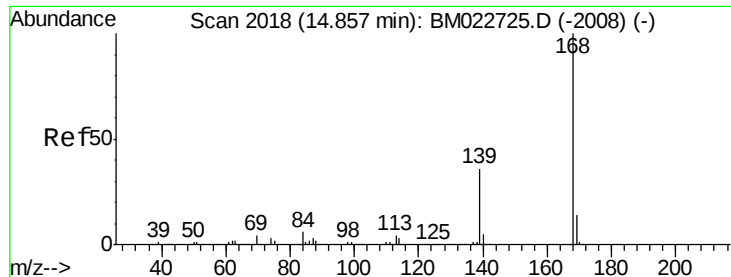
Tot Ion:138 Resp: 192176
Ion Ratio Lower Upper
138 100
108 9.6 7.3 10.9
92 107.8 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 44.257 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion:184 Resp: 149213
Ion Ratio Lower Upper
184 100
63 58.1 48.5 72.7
154 62.1 48.1 72.1





#55

Dibenzofuran

Concen: 36.884 ng

RT: 14.85 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

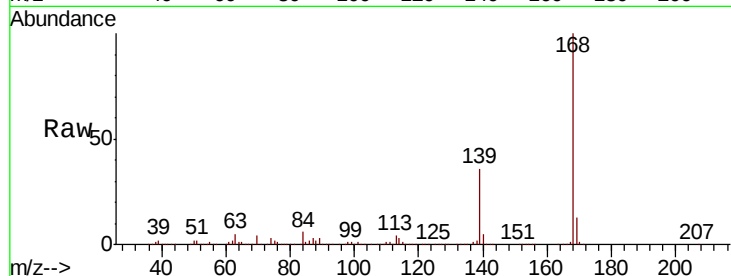
Tot Ion:168 Resp: 1434945

Ion Ratio Lower Upper

168 100

139 35.9 28.8 43.2

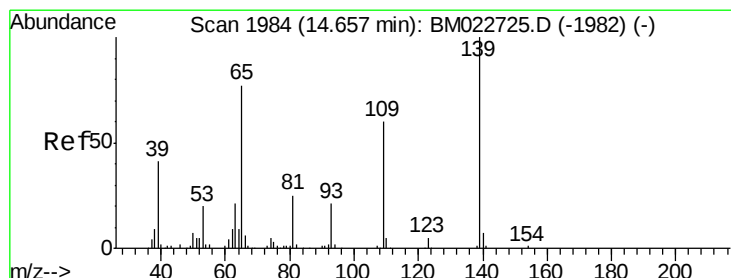
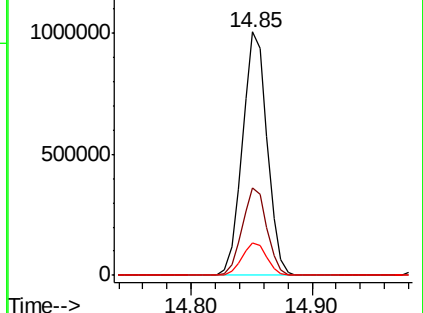
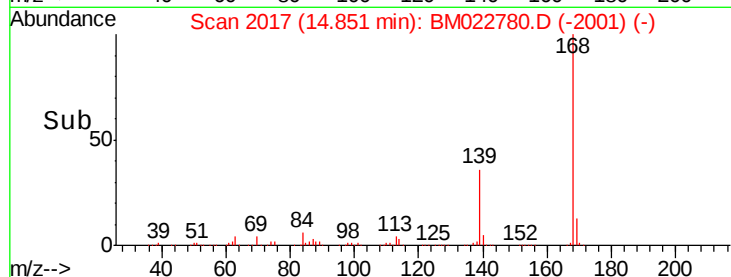
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.209 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

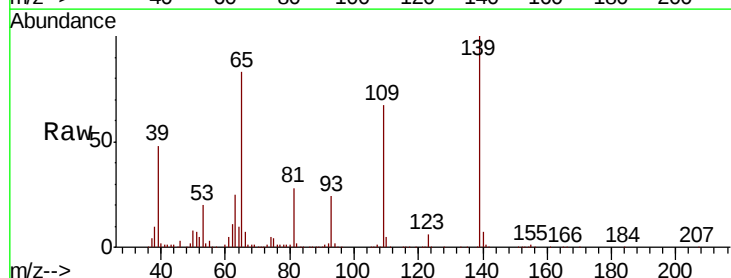
Tgt Ion:139 Resp: 460511

Ion Ratio Lower Upper

139 100

109 66.6 44.8 84.8

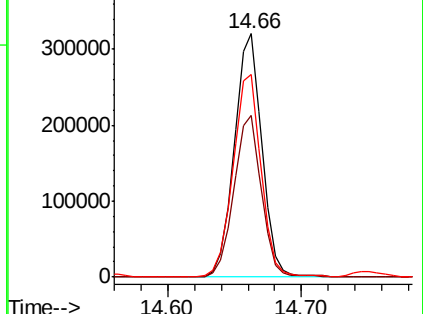
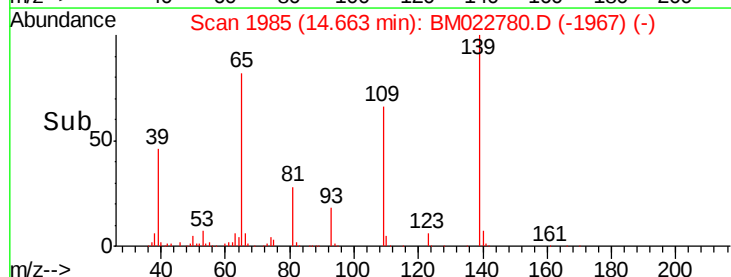
65 83.2 66.6 106.6

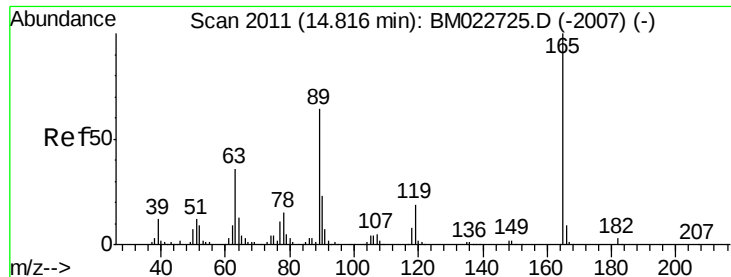


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

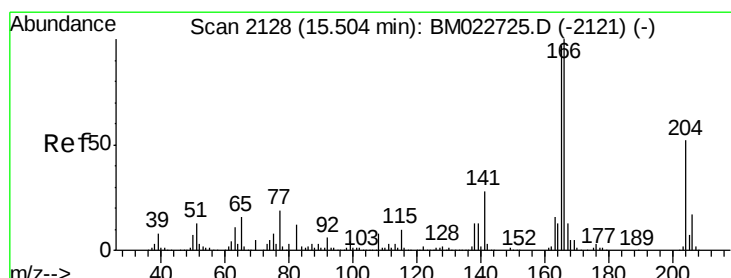
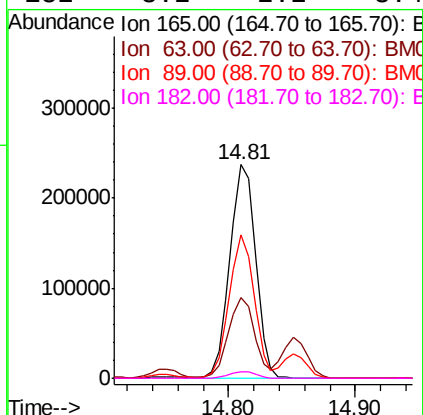
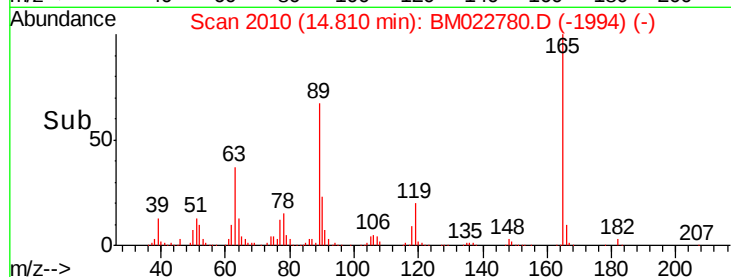
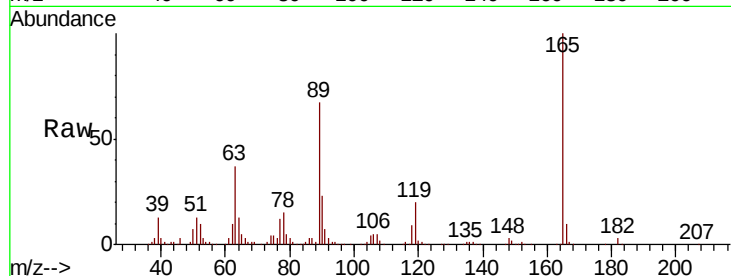




#57
2,4-Dinitrotoluene
Concen: 37.636 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

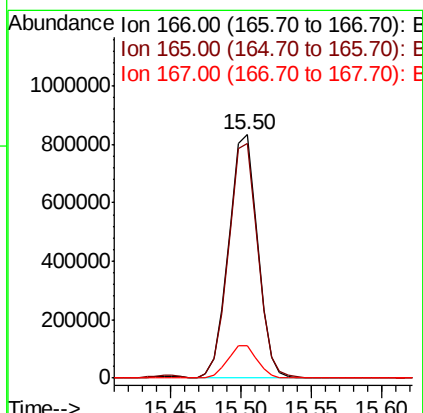
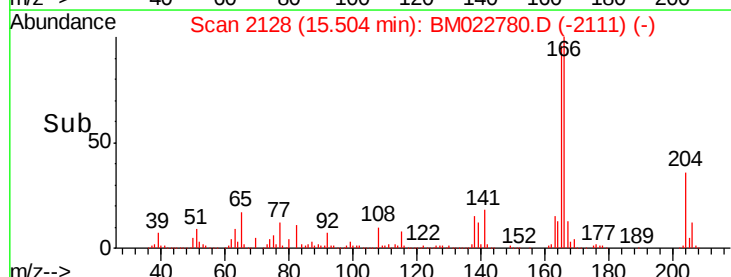
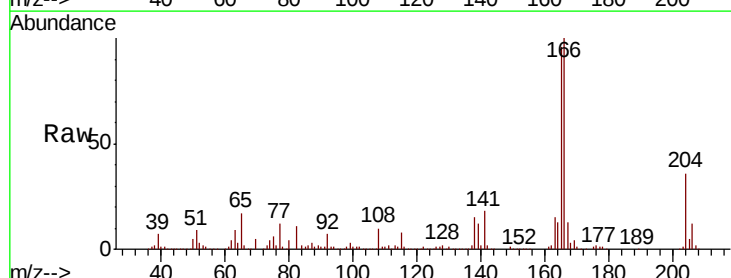
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

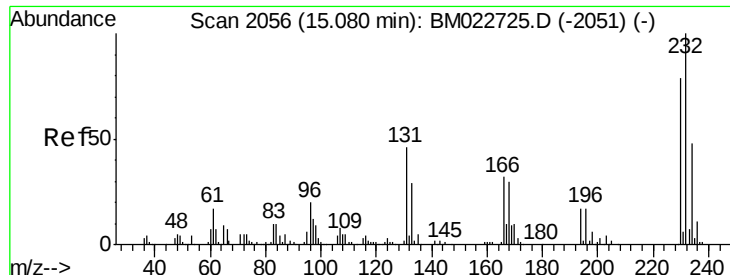
Tot Ion:165 Resp: 332348
Ion Ratio Lower Upper
165 100
63 37.5 30.1 45.1
89 67.1 52.5 78.7
182 3.2 2.2 3.4



#58
Fluorene
Concen: 37.603 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion:166 Resp: 1188827
Ion Ratio Lower Upper
166 100
165 96.5 77.6 116.4
167 13.1 10.8 16.2

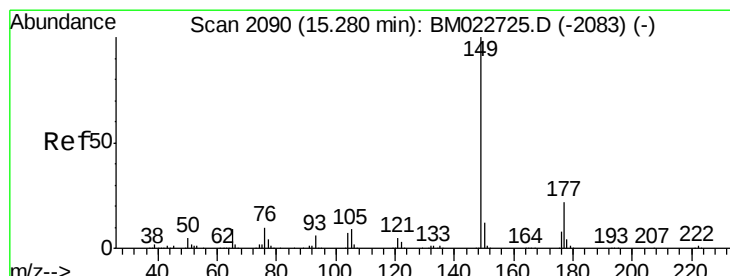
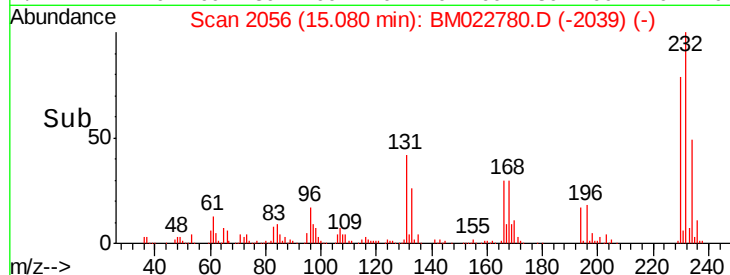
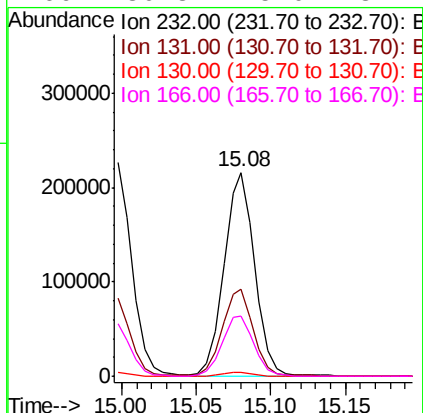
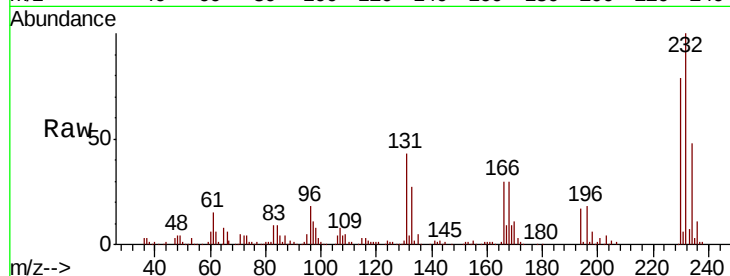




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.835 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

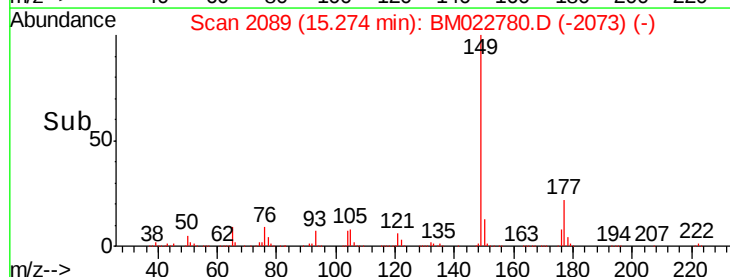
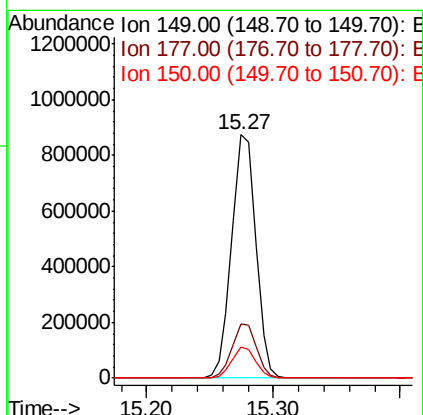
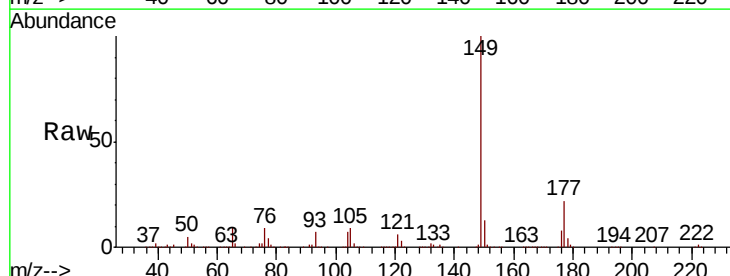
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

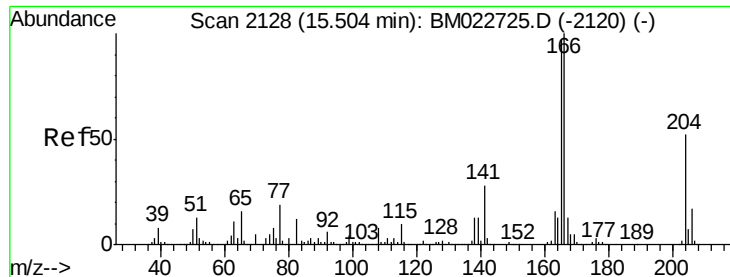
Tot Ion:232	Resp:	307780
Ion Ratio	Lower	Upper
232	100	
131	42.9	36.3 54.5
130	2.3	1.8 2.8
166	30.3	25.0 37.4



#60
 Diethylphthalate
 Concen: 36.746 ng
 RT: 15.27 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion:149	Resp:	1151391
Ion Ratio	Lower	Upper
149	100	
177	22.1	17.6 26.4
150	12.6	9.9 14.9

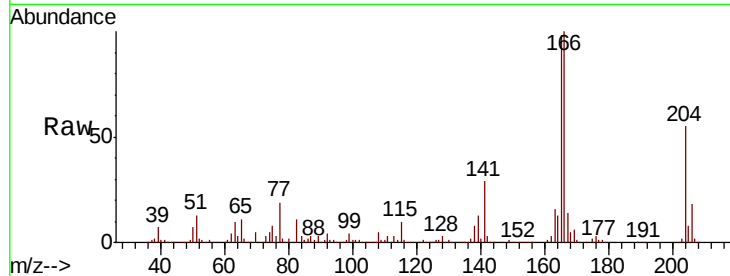




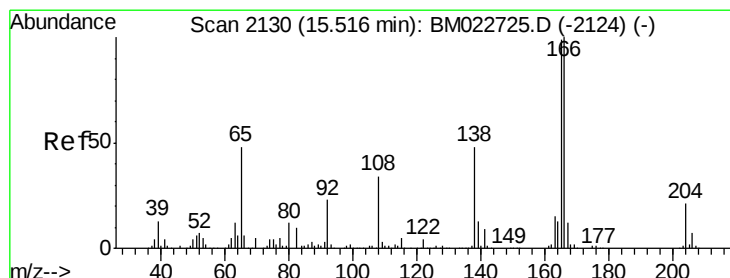
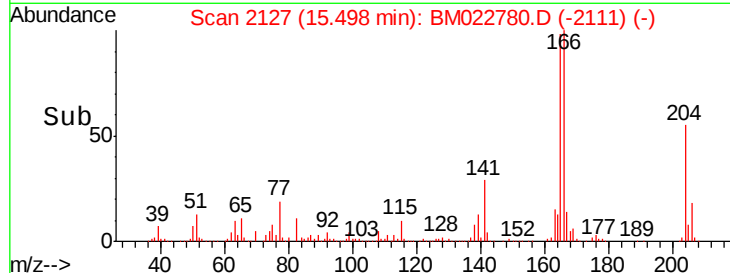
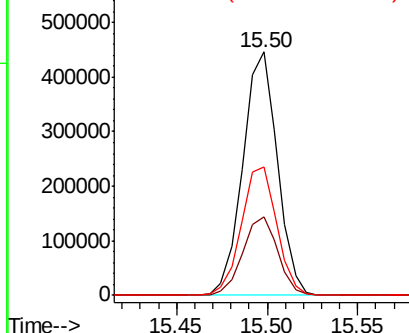
#61
 4-Chlorophenyl-phenylether
 Concen: 36.283 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

Tot Ion:204 Resp: 589385
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.2 39.4
 141 52.8 42.6 64.0

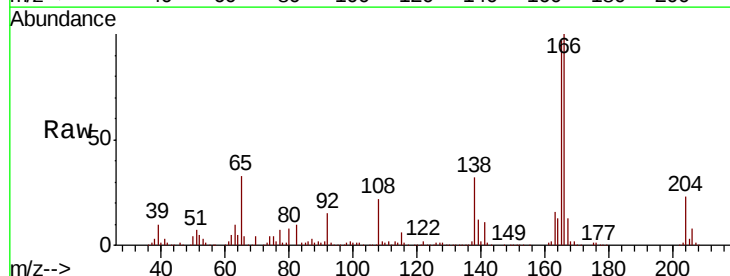


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

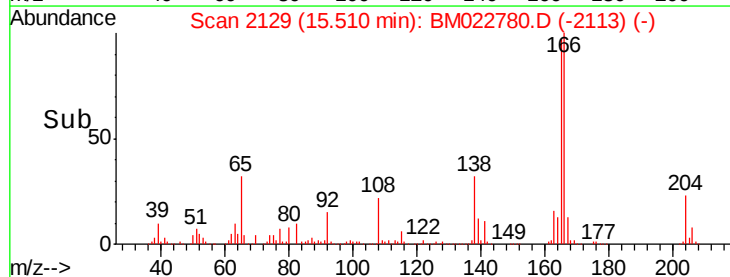
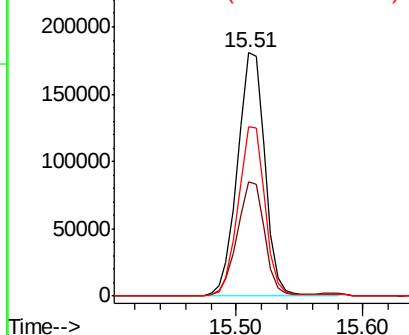


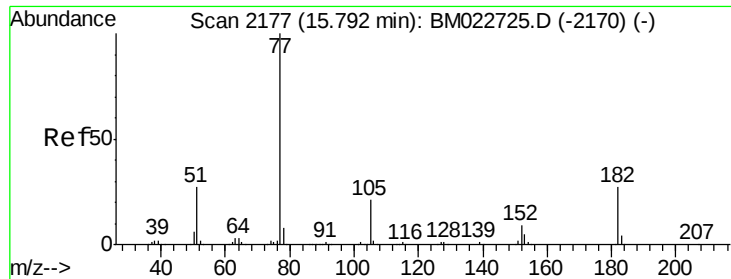
#62
 4-Nitroaniline
 Concen: 33.309 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion:138 Resp: 270984
 Ion Ratio Lower Upper
 138 100
 92 47.0 28.7 68.7
 108 69.5 50.3 90.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E

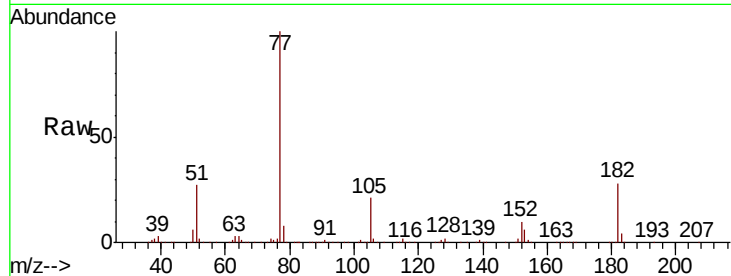




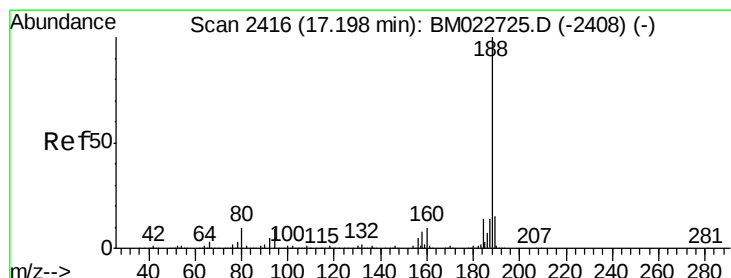
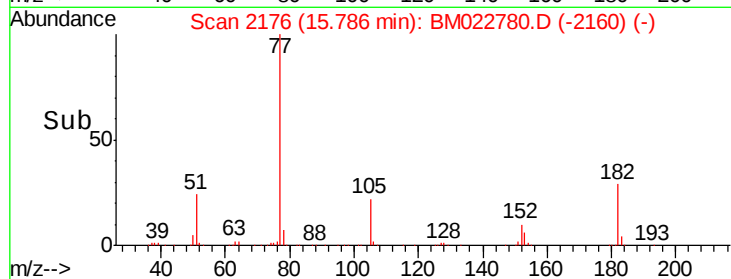
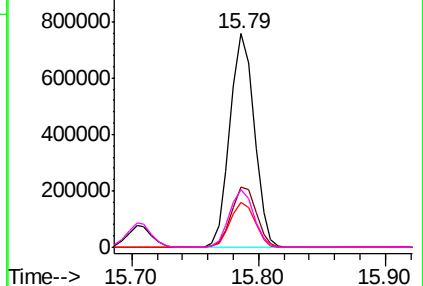
#63
Azobenzene
Concen: 35.453 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion: 77 Resp: 1003166
Ion Ratio Lower Upper
77 100
182 28.3 7.0 47.0
105 21.3 0.9 40.9
51 27.1 6.6 46.6

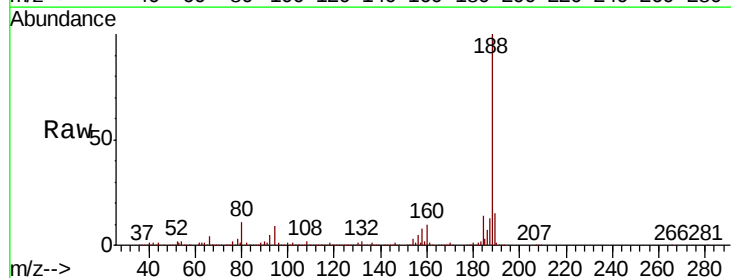


Abundance Ion 77.00 (76.70 to 77.70): BM022780.D (-2170) (-)
Ion 182.00 (181.70 to 182.70): BM022780.D (-2170) (-)
Ion 105.00 (104.70 to 105.70): BM022780.D (-2170) (-)
Ion 51.00 (50.70 to 51.70): BM022780.D (-2170) (-)

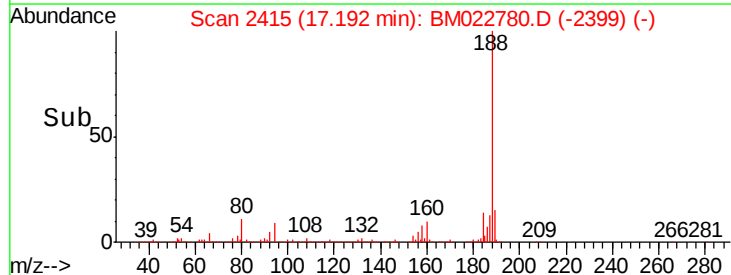
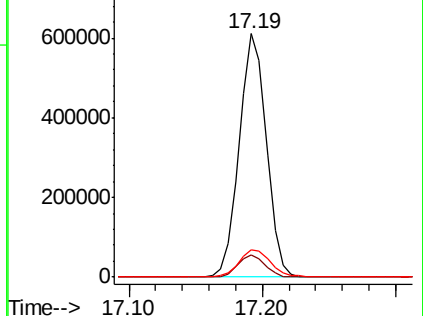


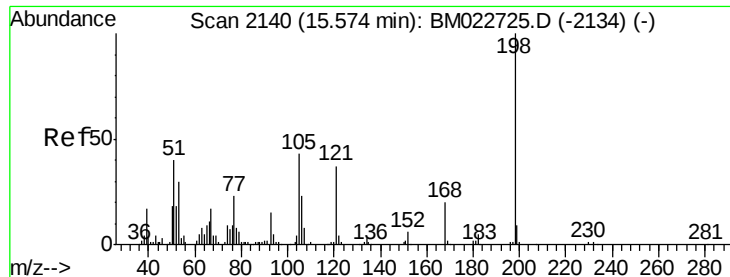
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion: 188 Resp: 856009
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 11.3 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): BM022780.D (-2399) (-)
Ion 94.00 (93.70 to 94.70): BM022780.D (-2399) (-)
Ion 80.00 (79.70 to 80.70): BM022780.D (-2399) (-)

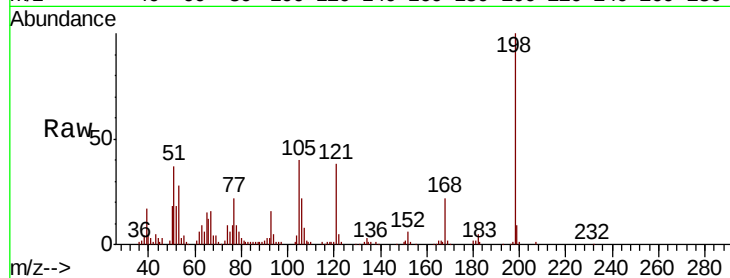




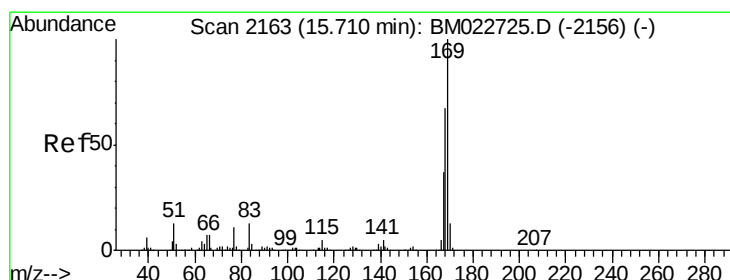
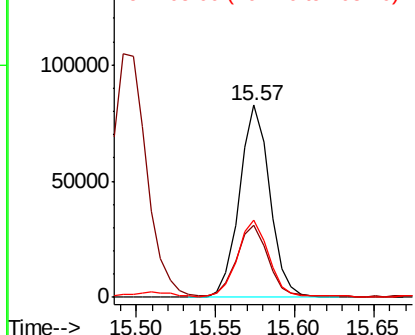
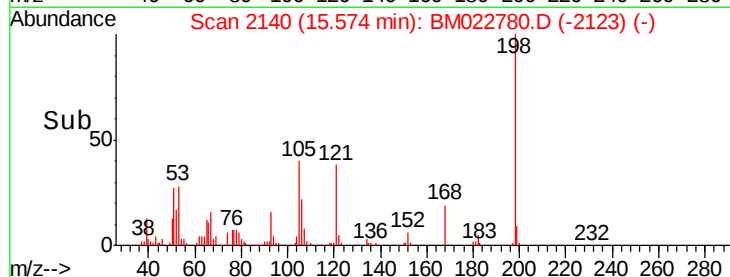
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.654 ng
 RT: 15.57 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.4	21.0	61.0
105	40.4	22.5	62.5

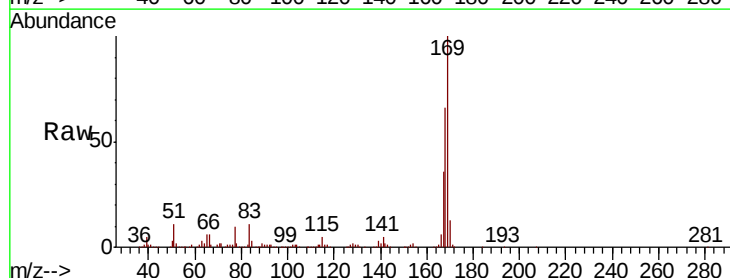


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

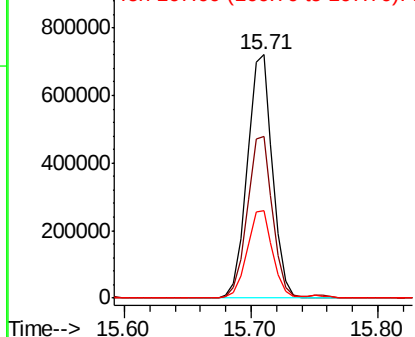
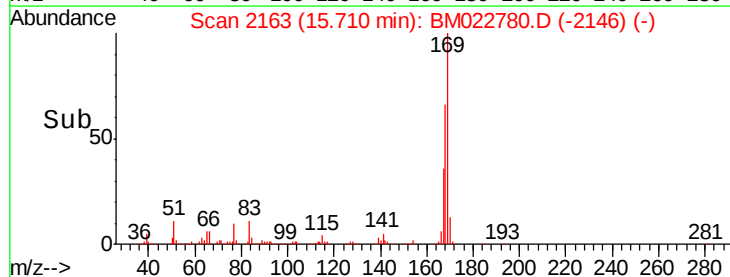


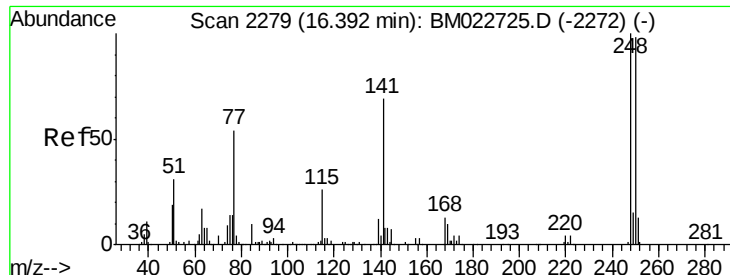
#66
 n-Nitrosodiphenylamine
 Concen: 37.943 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.2
167	35.9	29.3	43.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

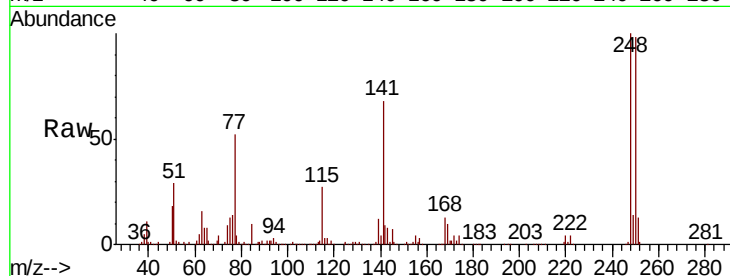




#67
4-Bromophenyl-phenylether
Concen: 37.773 ng
RT: 16.39 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.4	117.6
141	68.5	55.1	82.7

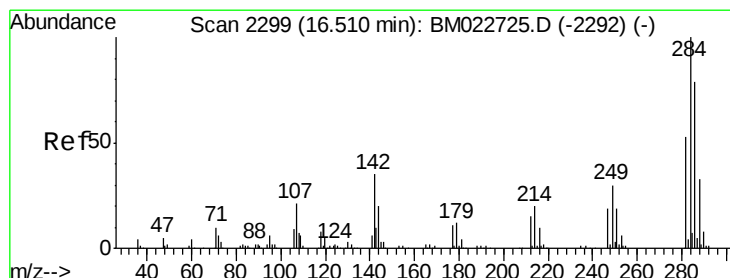
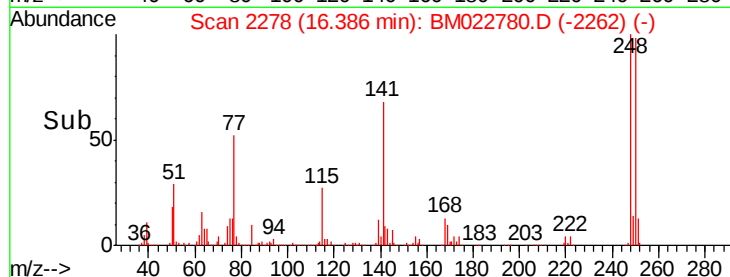
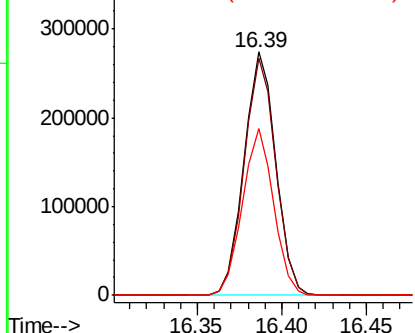


Abundance

Ion 248.00 (247.70 to 248.70): E

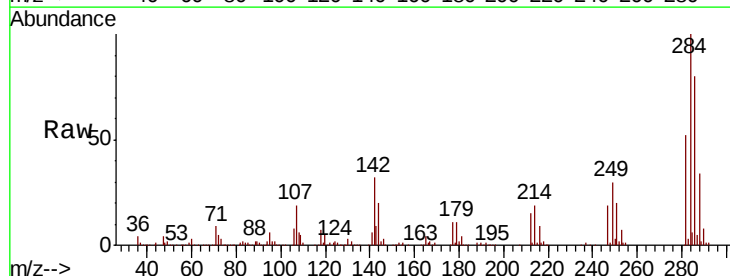
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.460 ng
RT: 16.51 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	27.8	41.8
249	30.2	24.4	36.6

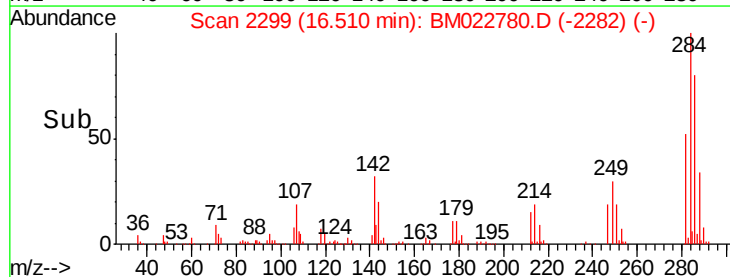
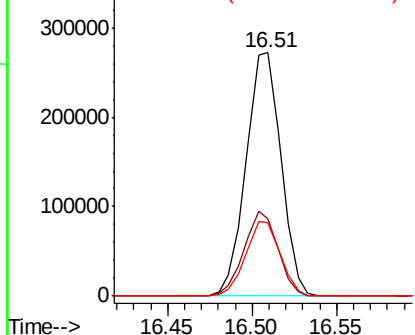


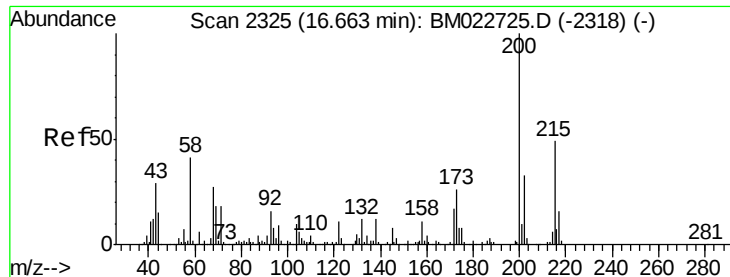
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.161 ng

RT: 16.66 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

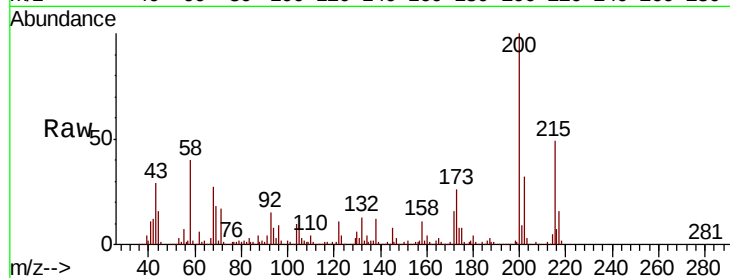
Tot Ion:200 Resp: 298915

Ion Ratio Lower Upper

200 100

173 26.5 5.8 45.8

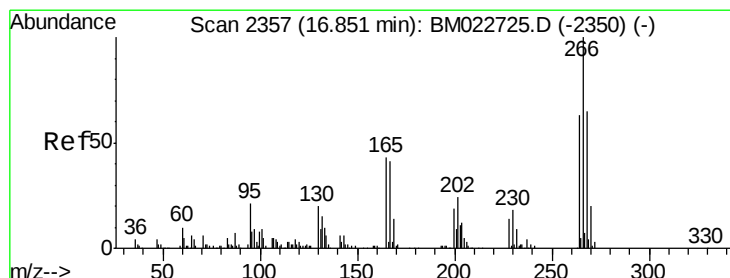
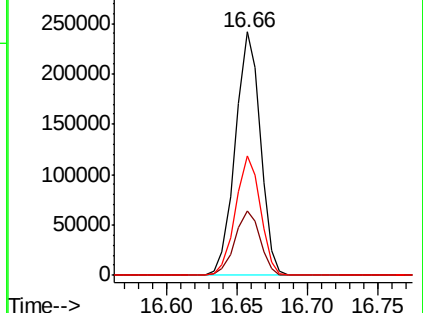
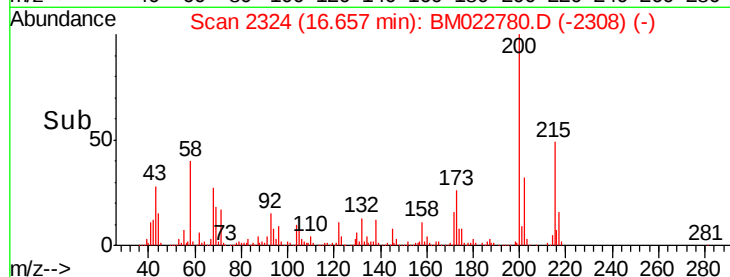
215 48.9 29.2 69.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.086 ng

RT: 16.84 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

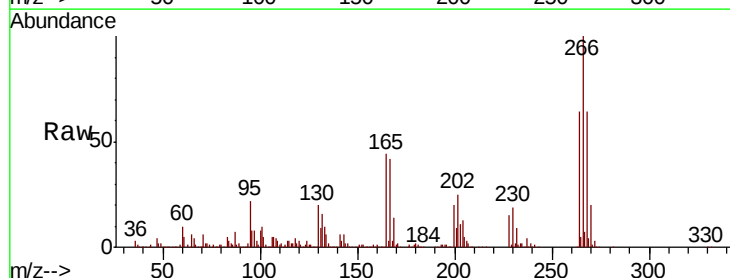
Tgt Ion:266 Resp: 491980

Ion Ratio Lower Upper

266 100

268 64.2 51.8 77.6

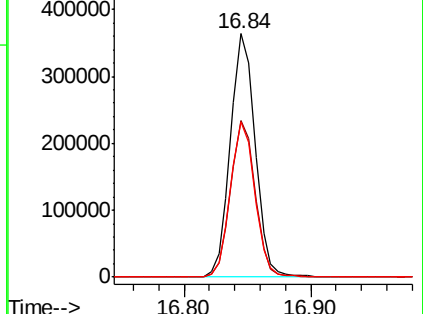
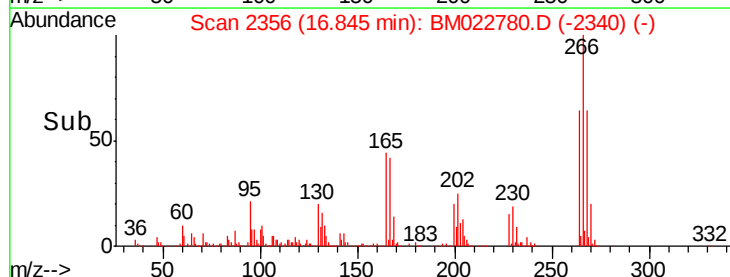
264 64.0 50.2 75.4

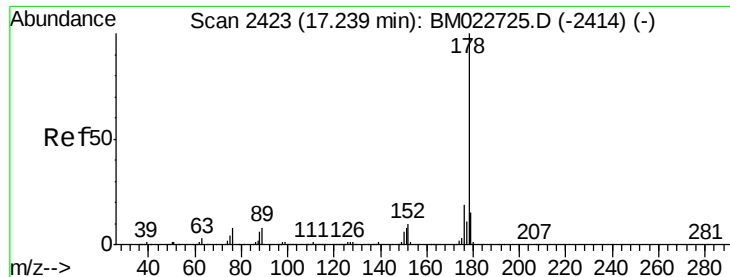


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

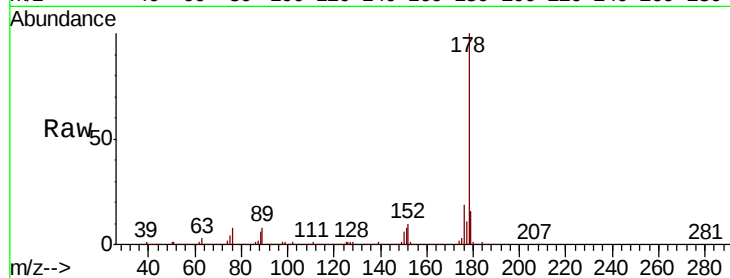




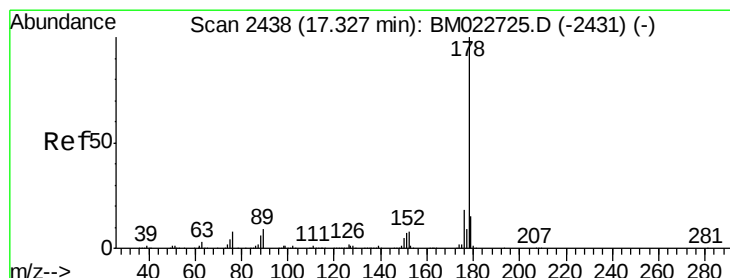
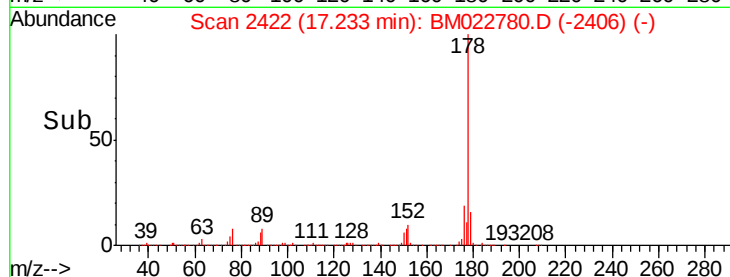
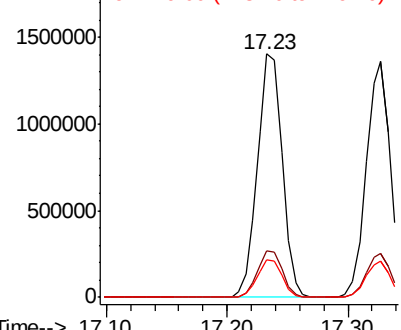
#71
Phenanthrene
Concen: 41.058 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:178 Resp: 1983148
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.3 18.5

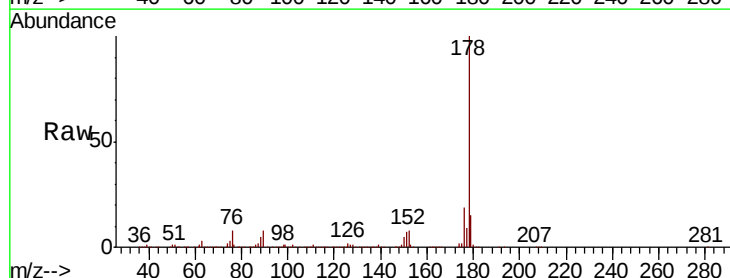


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

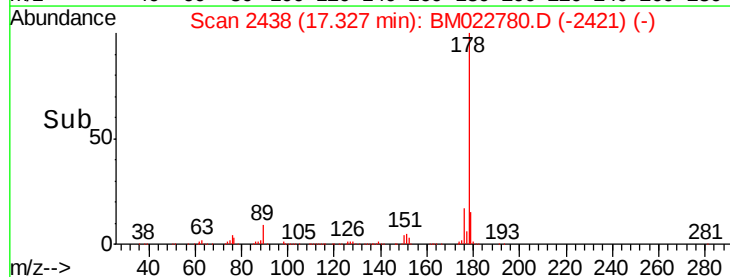
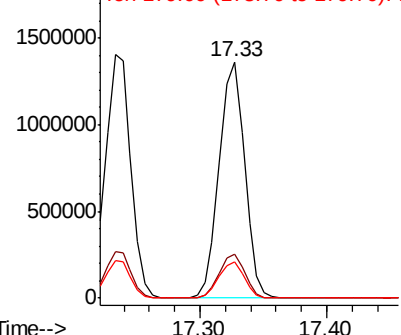


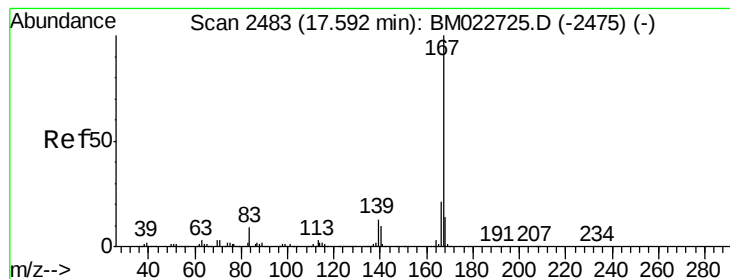
#72
Anthracene
Concen: 40.436 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion:178 Resp: 1892888
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.493 ng

RT: 17.59 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

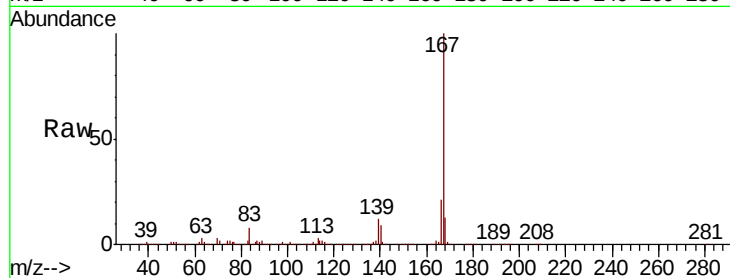
Tot Ion:167 Resp: 1633229

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

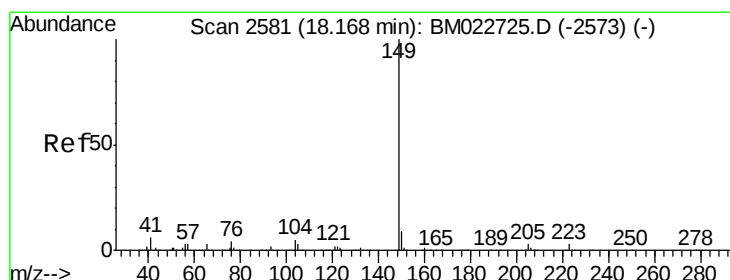
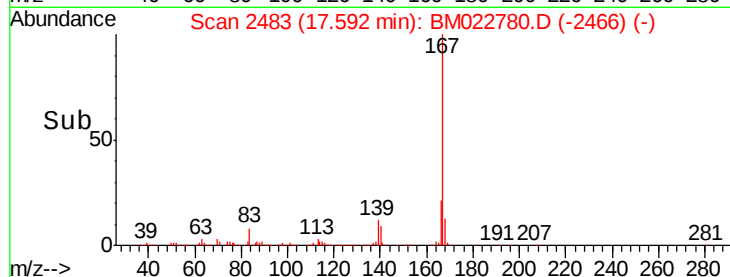
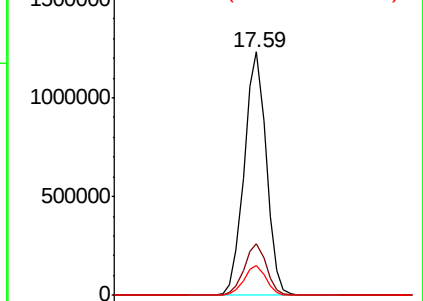
139 12.4 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.100 ng

RT: 18.16 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

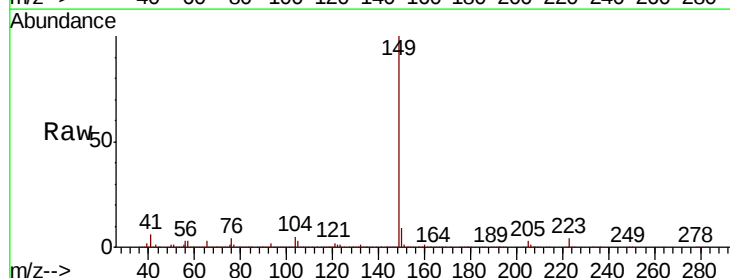
Tgt Ion:149 Resp: 1980655

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

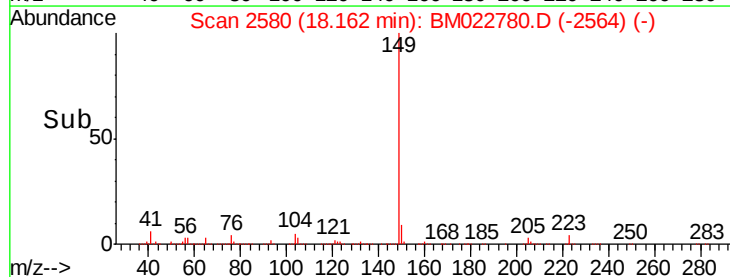
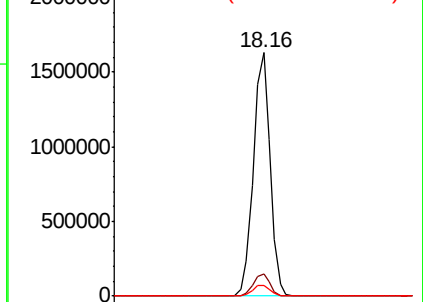
104 4.6 3.8 5.6

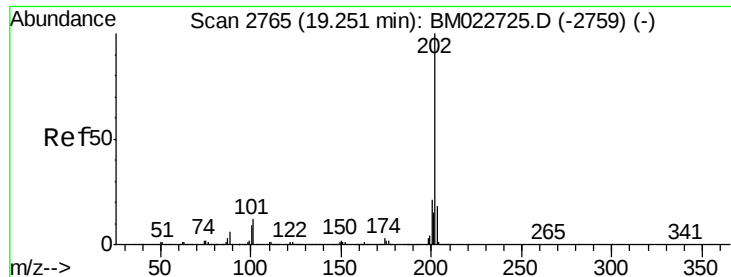


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.406 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

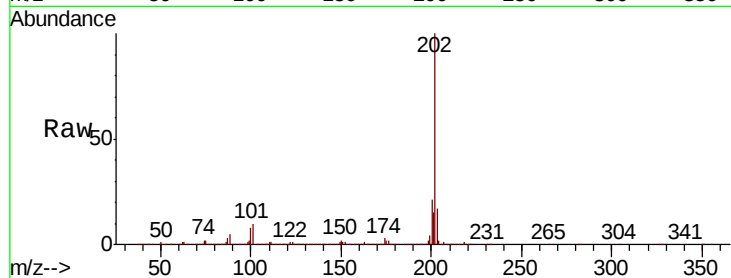
Tot Ion:202 Resp: 2365816

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.1

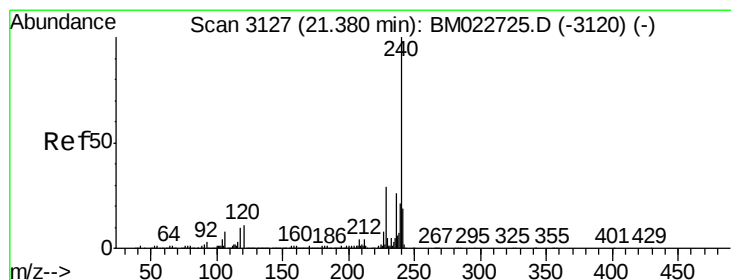
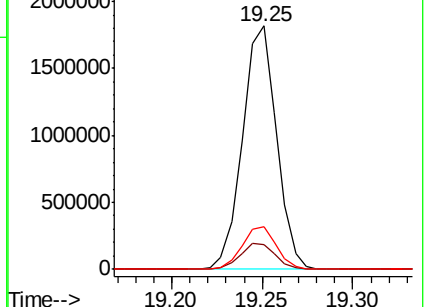
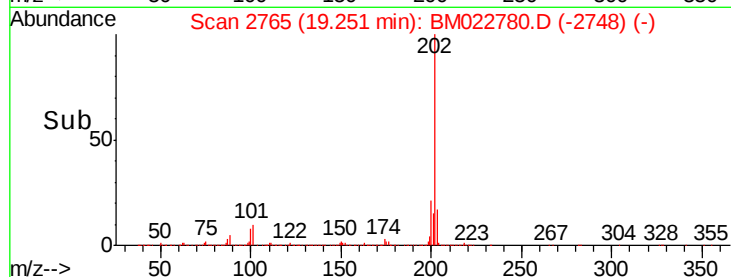
203 17.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

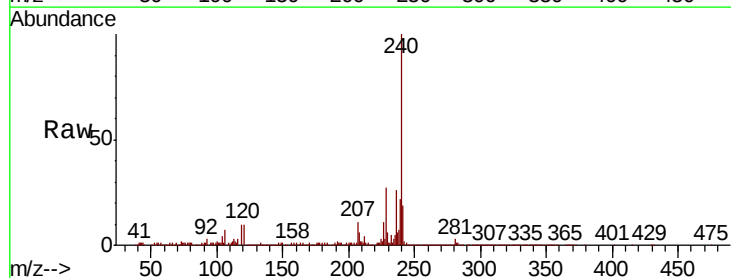
Tgt Ion:240 Resp: 904432

Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

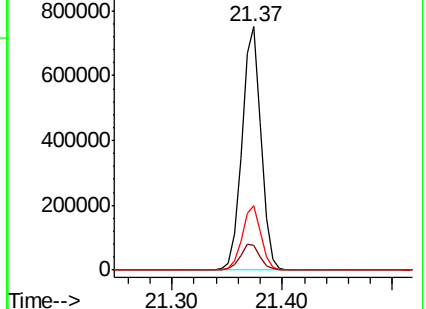
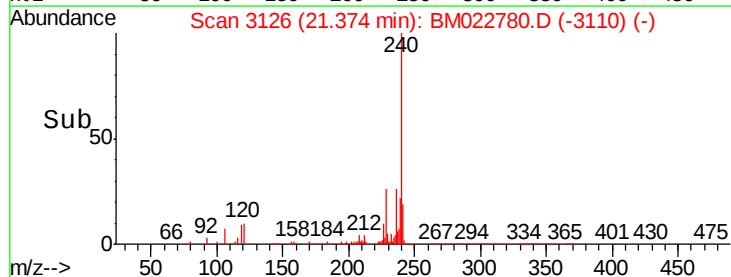
236 26.5 20.8 31.2

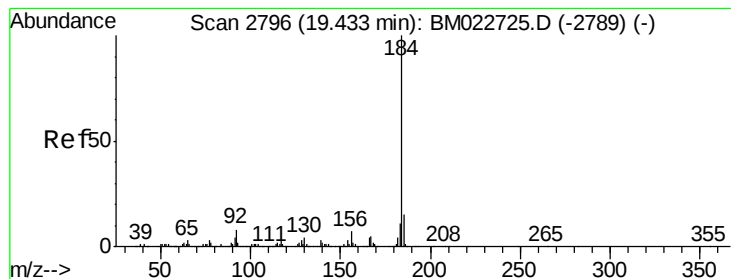


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.051 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

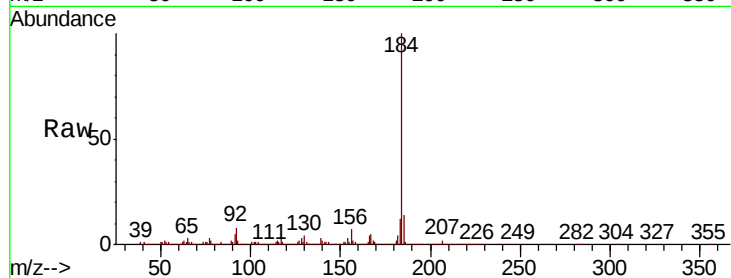
Tot Ion:184 Resp: 1167411

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

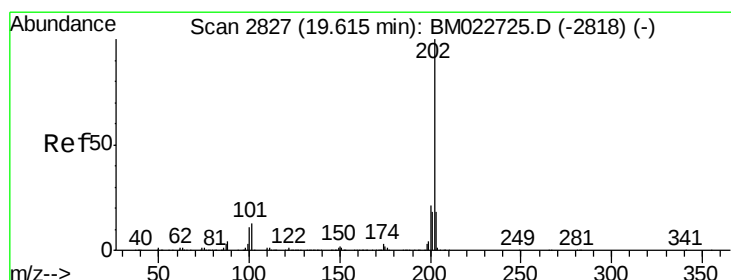
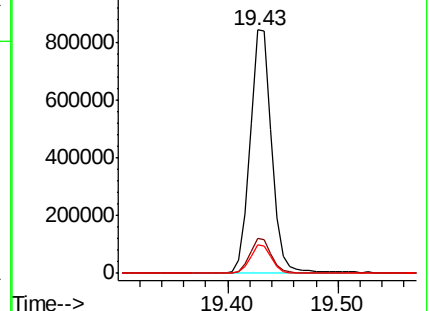
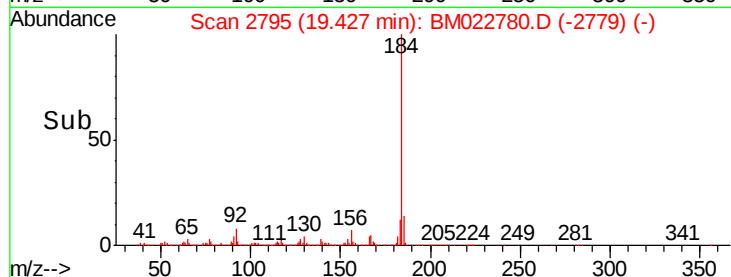
183 11.6 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.699 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

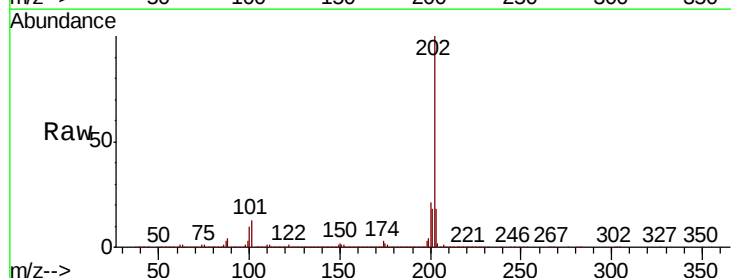
Tgt Ion:202 Resp: 2649350

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

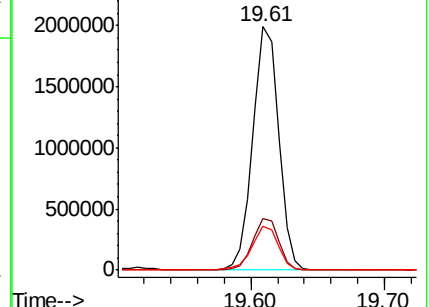
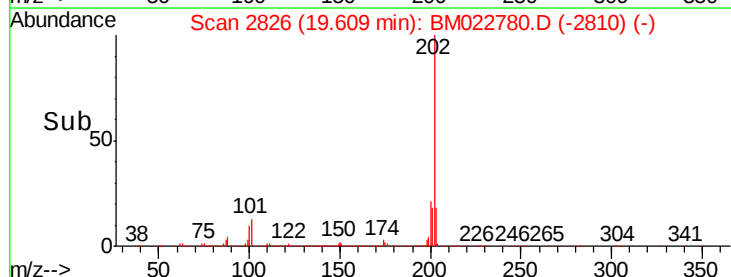
203 17.8 14.1 21.1

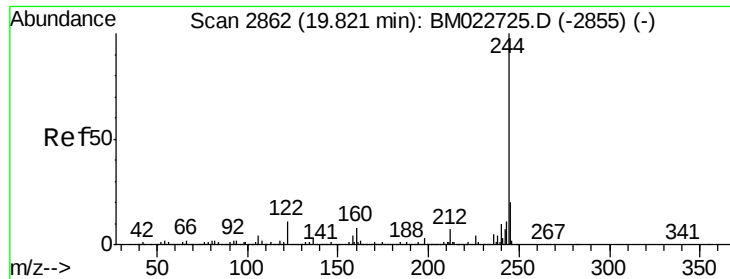


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.509 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

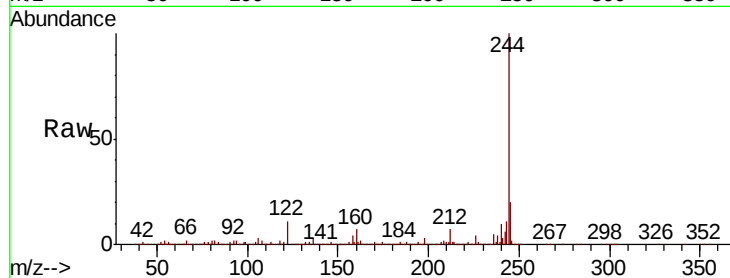
Tot Ion:244 Resp: 3059764

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

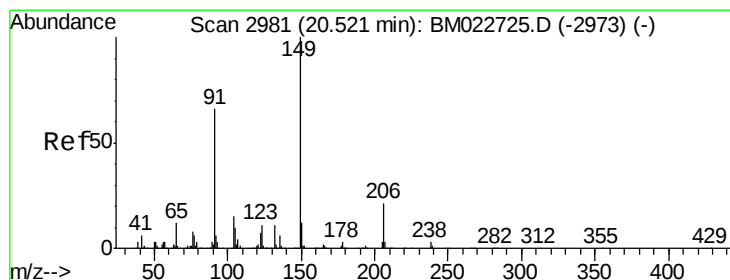
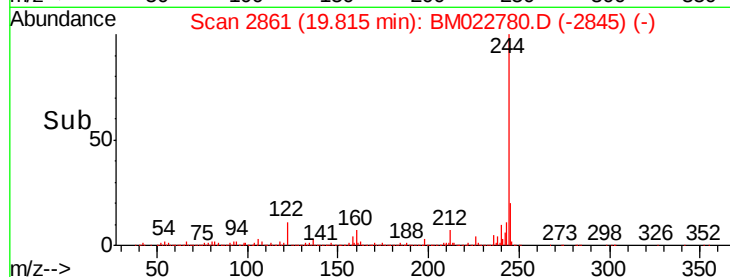
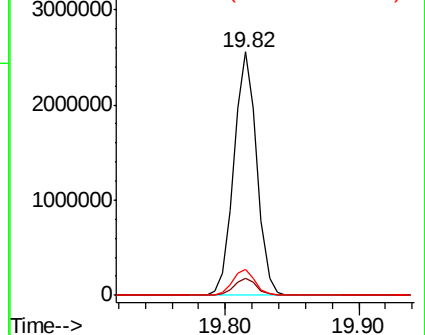
122 10.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.641 ng

RT: 20.51 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

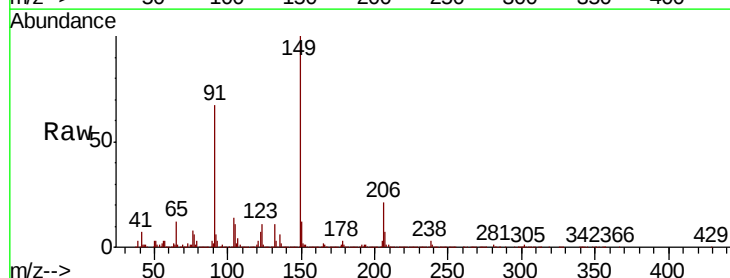
Tgt Ion:149 Resp: 915498

Ion Ratio Lower Upper

149 100

91 67.1 53.0 79.4

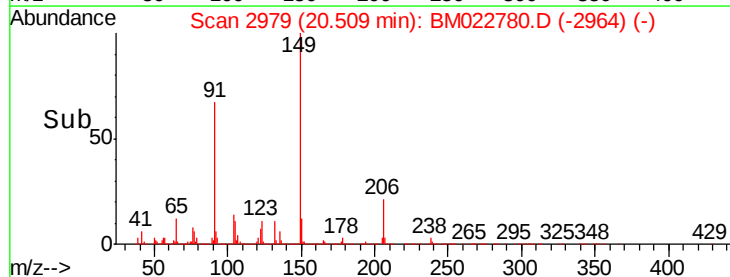
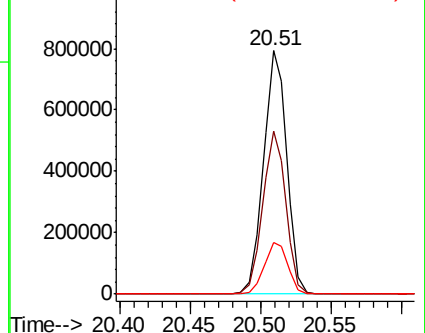
206 21.3 16.9 25.3

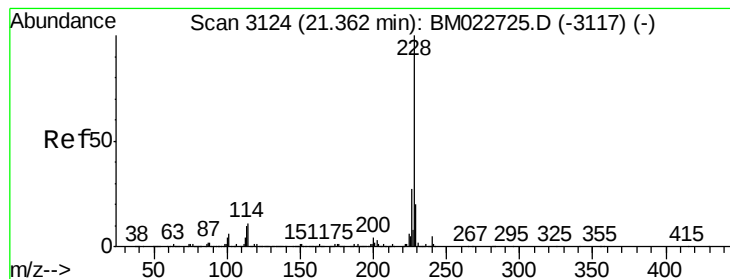


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.513 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

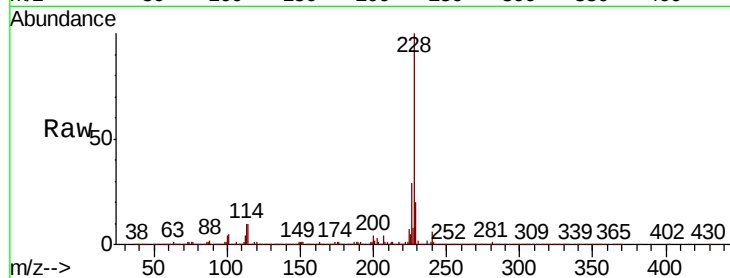
Tot Ion:228 Resp: 2433396

Ion Ratio Lower Upper

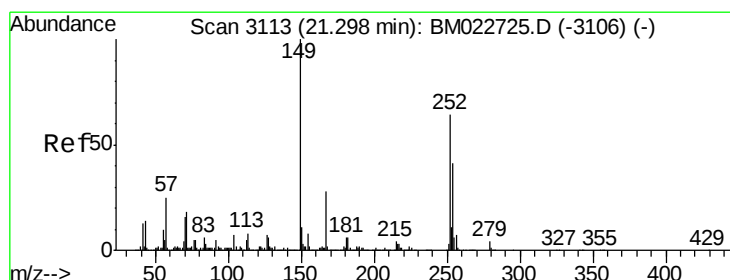
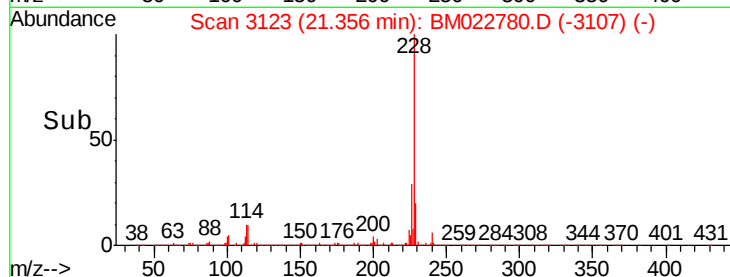
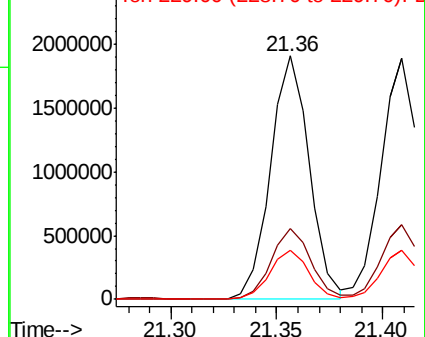
228 100

226 29.0 22.0 33.0

229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.314 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

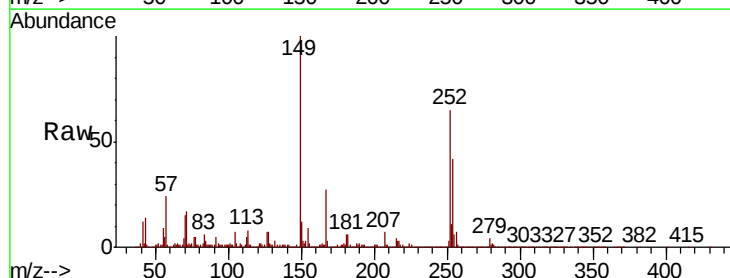
Tgt Ion:252 Resp: 796453

Ion Ratio Lower Upper

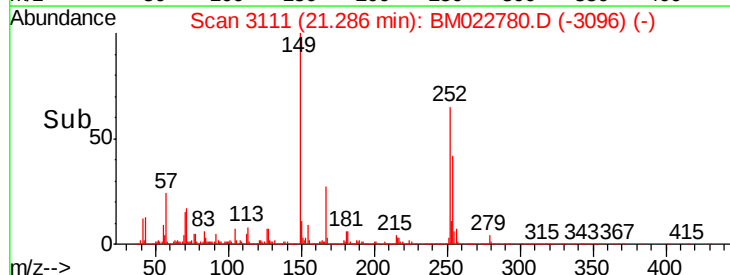
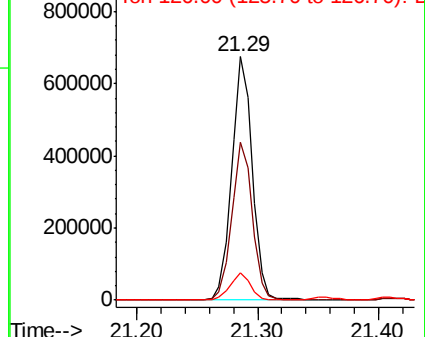
252 100

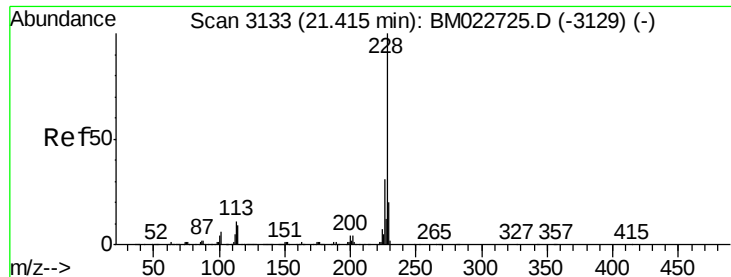
254 64.9 51.7 77.5

126 11.0 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.193 ng

RT: 21.41 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

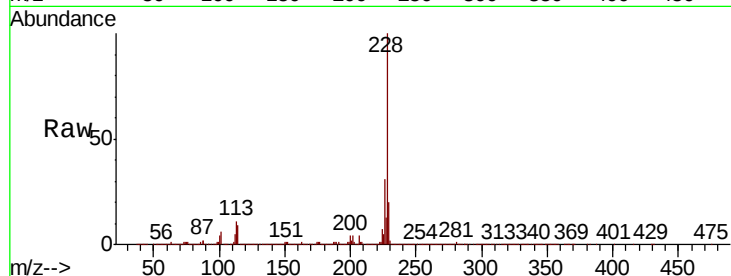
BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:228 Resp: 2340910

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	20.0	15.9	23.9

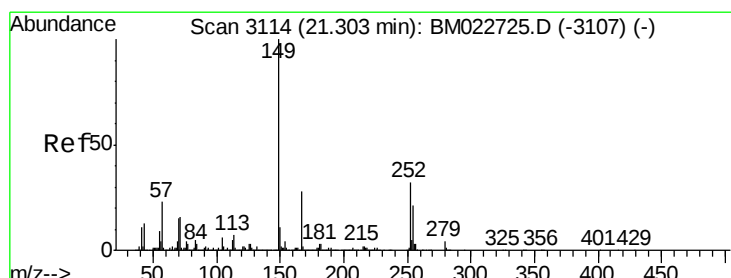
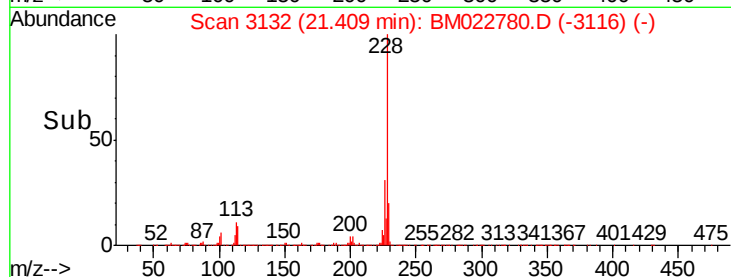
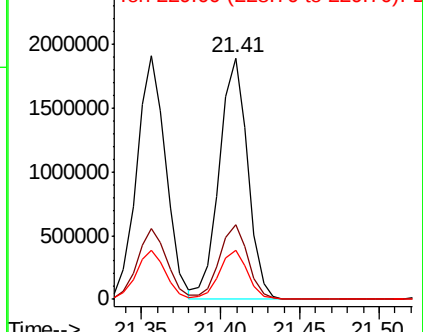


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.787 ng

RT: 21.29 min Scan# 3112

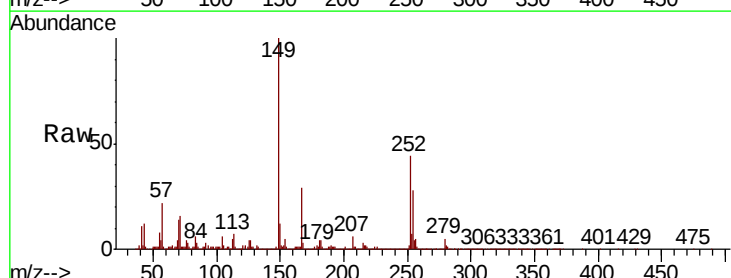
Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:149 Resp: 1394729

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.1	33.1
279	4.6	3.4	5.0

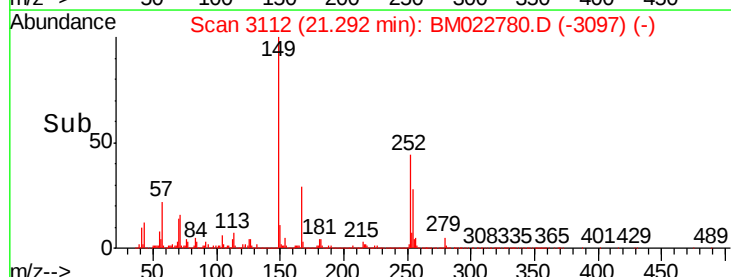
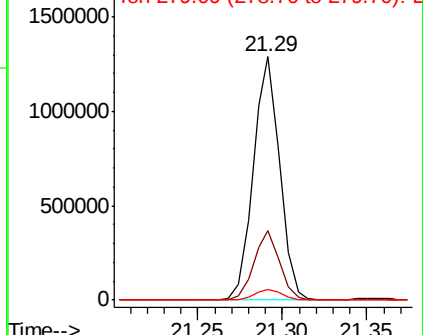


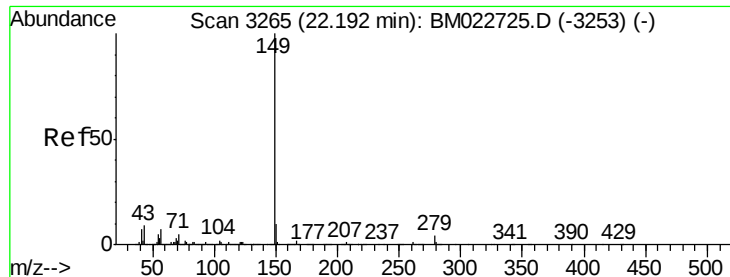
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.355 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

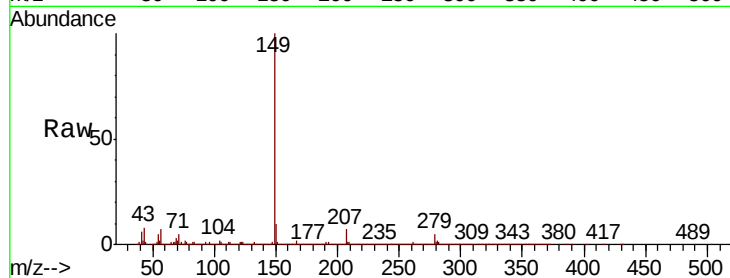
Tot Ion:149 Resp: 2412677

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

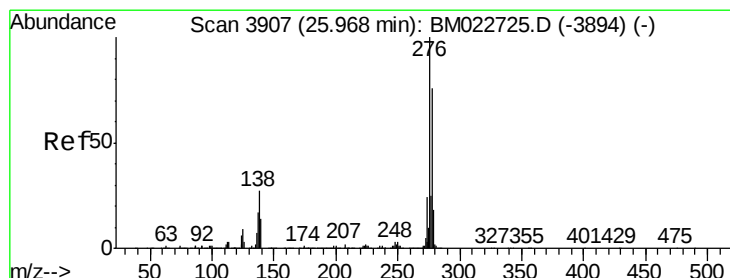
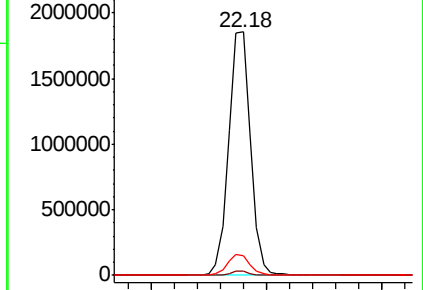
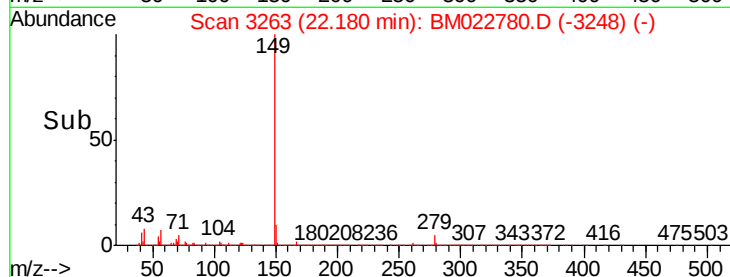
43 8.1 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.483 ng

RT: 25.96 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

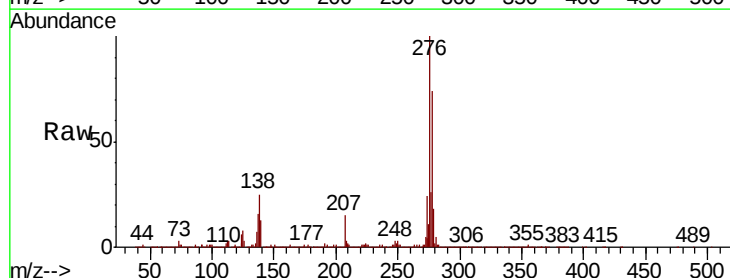
Tgt Ion:276 Resp: 2949394

Ion Ratio Lower Upper

276 100

138 24.5 0.0 0.0#

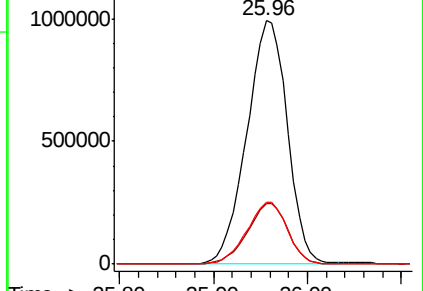
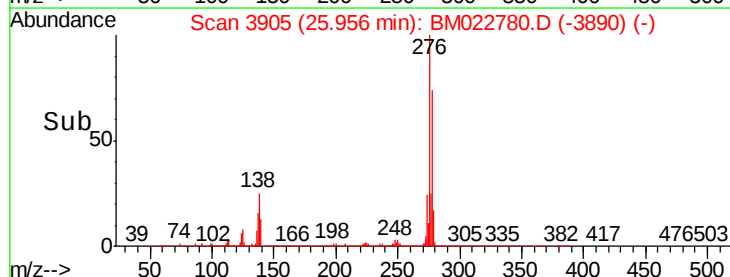
277 24.9 0.0 0.0#

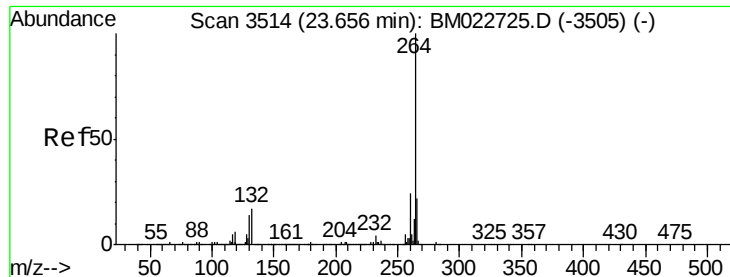


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

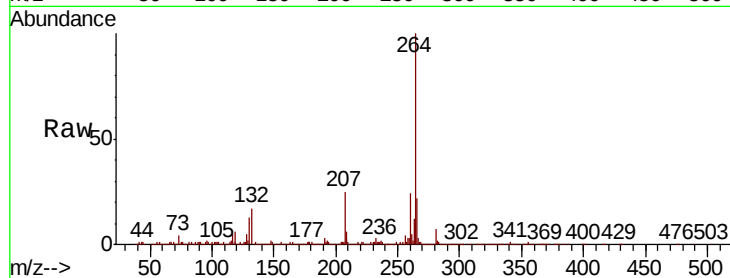
Tot Ion:264 Resp: 1066573

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

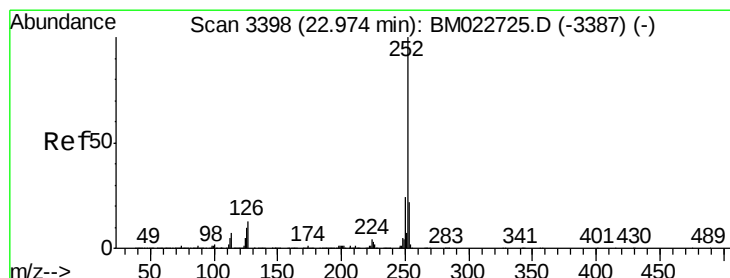
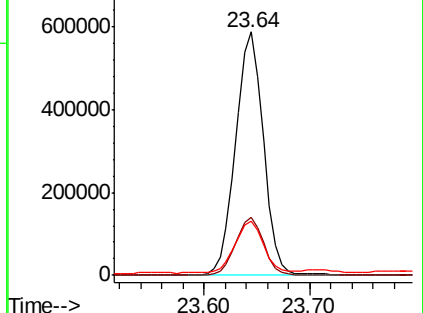
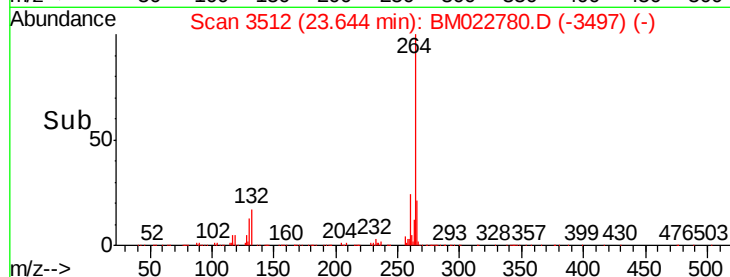
265 22.1 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

800000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.878 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

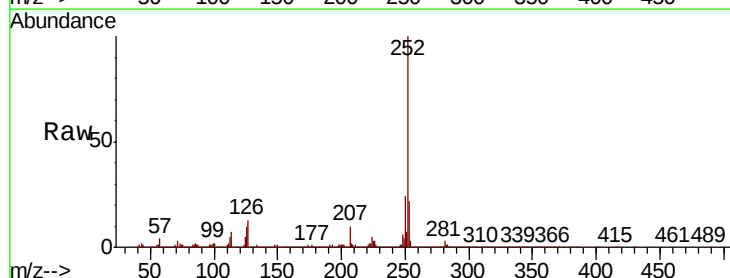
Tgt Ion:252 Resp: 2639781

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

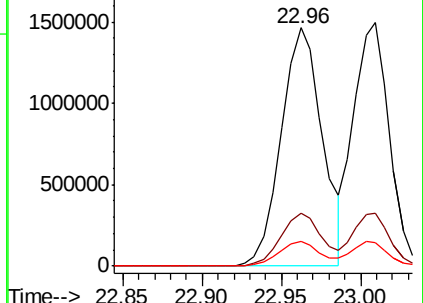
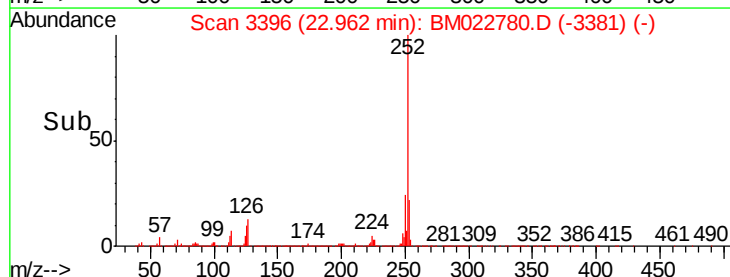
125 10.2 8.2 12.4

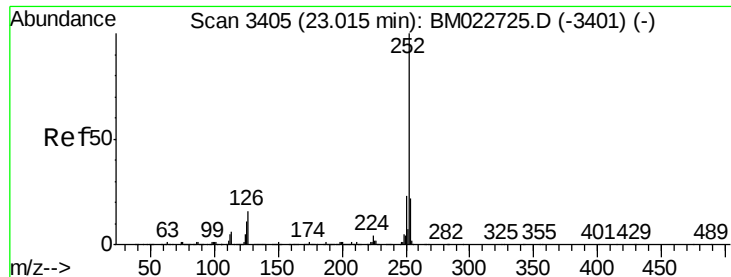


Abundance Ion 252.00 (251.70 to 252.70): E

2000000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

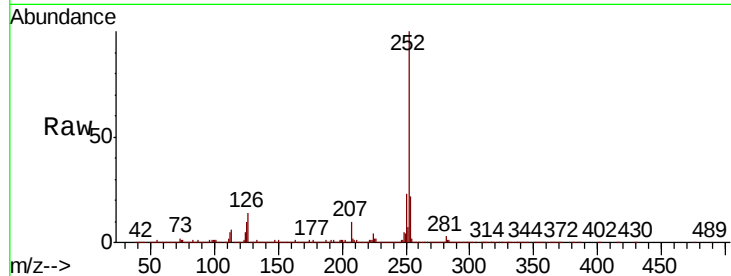




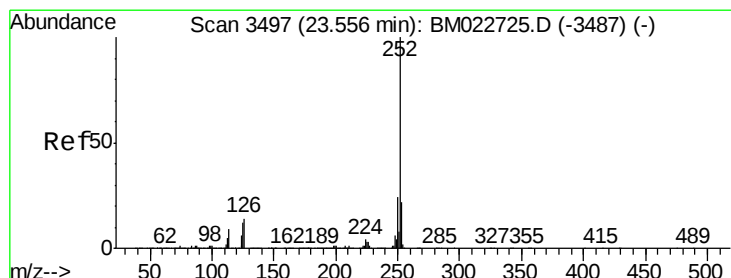
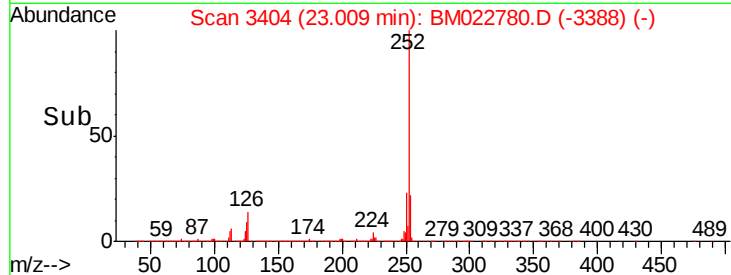
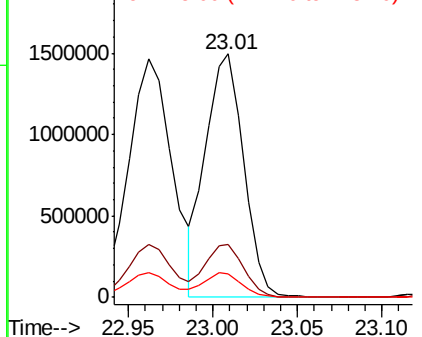
#89
Benzo(k)fluoranthene
Concen: 36.435 ng
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:252 Resp: 2334635
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.5 8.5 12.7

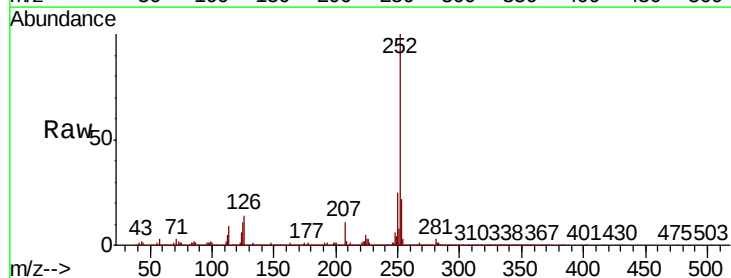


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

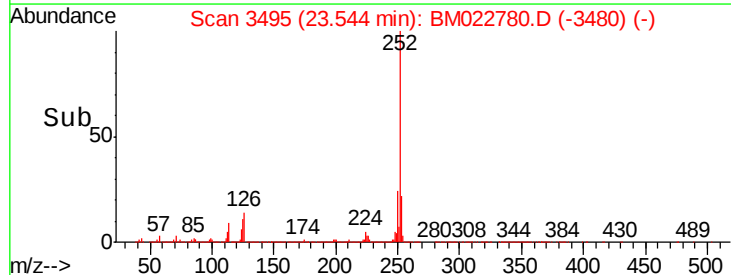
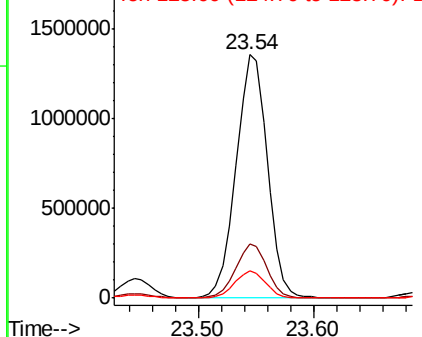


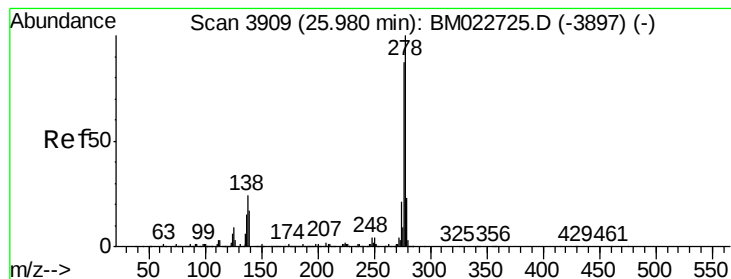
#90
Benzo(a)pyrene
Concen: 42.597 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion:252 Resp: 2534768
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.3 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.942 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

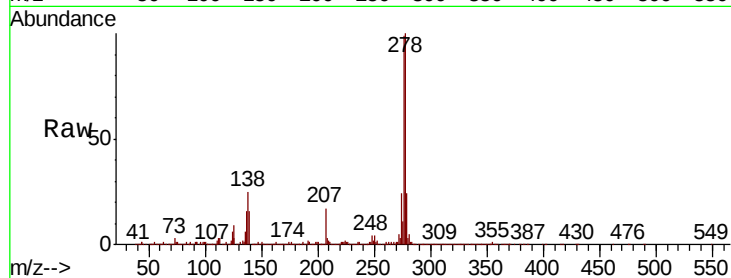
Tot Ion:278 Resp: 2361643

Ion Ratio Lower Upper

278 100

139 16.2 13.7 20.5

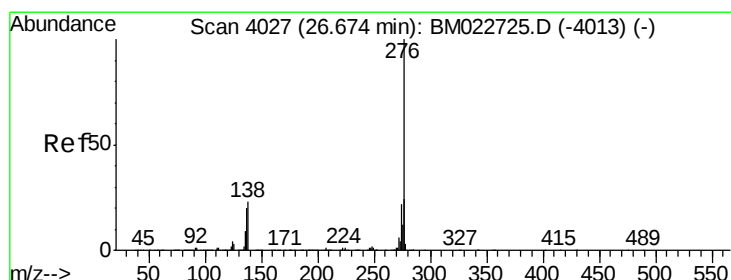
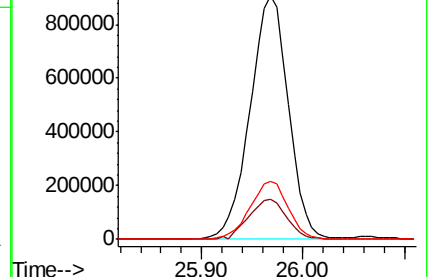
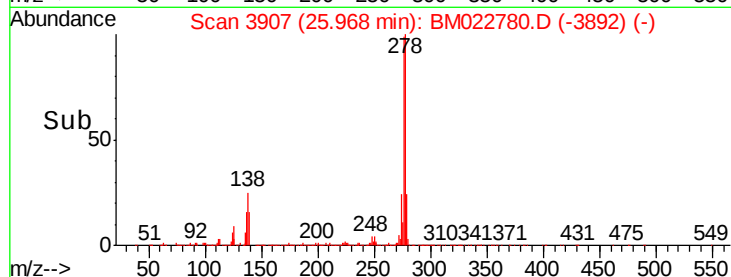
279 23.9 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.776 ng

RT: 26.67 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

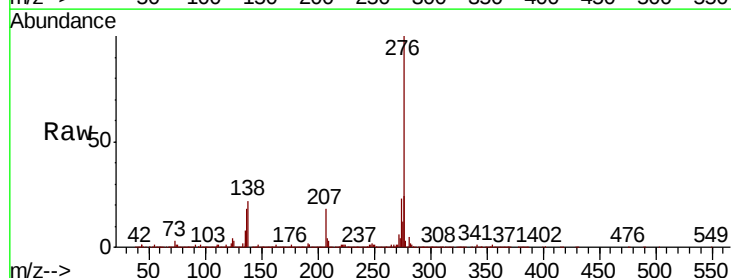
Tgt Ion:276 Resp: 2469728

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 21.8 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

