

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
 Data File : BM022781.D
 Acq On : 25 Sep 2019 20:57
 Operator : JU
 Sample : K4980-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Quant Time: Sep 26 06:02:46 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	242993	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	873983	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	478058	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	893833	20.00	ng	0.00
76) Chrysene-d12	21.37	240	926533	20.00	ng	0.00
87) Perylene-d12	23.64	264	1099903	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1432319	93.48	ng	0.00
7) Phenol-d6	6.99	99	1875507	95.31	ng	0.00
23) Nitrobenzene-d5	8.97	82	1067399	67.79	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	637215	106.78	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2431246	70.03	ng	0.00
79) Terphenyl-d14	19.82	244	3136726	65.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	166809	27.057	ng	# 100
3) Pyridine	3.72	79	400891	24.670	ng	100
4) n-Nitrosodimethylamine	3.62	42	193475	32.705	ng	# 99
6) Aniline	7.15	93	608253	25.778	ng	100
8) 2-Chlorophenol	7.39	128	555166	35.564	ng	100
9) Benzaldehyde	6.96	77	352507	31.460	ng	100
10) Phenol	7.02	94	660841	35.670	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	499009	34.283	ng	99
12) 1,3-Dichlorobenzene	7.71	146	606576	32.511	ng	100
13) 1,4-Dichlorobenzene	7.86	146	624954	33.087	ng	99
14) 1,2-Dichlorobenzene	8.17	146	586469	32.568	ng	99
15) Benzyl Alcohol	8.06	79	428318	34.784	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	663857	31.397	ng	99
17) 2-Methylphenol	8.26	107	425897	34.731	ng	99
18) Hexachloroethane	8.90	117	220278	31.797	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	367562	33.448	ng	98
20) 3+4-Methylphenols	8.59	107	563694	34.512	ng	99
22) Acetophenone	8.64	105	738486	34.231	ng	99
24) Nitrobenzene	9.02	77	542569	36.017	ng	98
25) Isophorone	9.55	82	981594	37.917	ng	99
26) 2-Nitrophenol	9.73	139	275392	42.347	ng	97
27) 2,4-Dimethylphenol	9.79	122	473227	43.467	ng	100
28) bis(2-Chloroethoxy)methane	10.02	93	646654	36.097	ng	100
29) 2,4-Dichlorophenol	10.26	162	485093	39.410	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	543520	35.890	ng	99
31) Naphthalene	10.66	128	1633617	37.829	ng	100
32) Benzoic acid	9.90	122	226304	31.710	ng	95
33) 4-Chloroaniline	10.77	127	341822	18.231	ng	99
34) Hexachlorobutadiene	10.96	225	332461	36.828	ng	99
35) Caprolactam	11.55	113	76658	21.007	ng	96
36) 4-Chloro-3-methylphenol	11.89	107	454995	37.888	ng	99
37) 2-Methylnaphthalene	12.27	142	1154402	38.404	ng	100
38) 1-Methylnaphthalene	12.49	142	1071370	37.548	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	583815	36.041	ng	100

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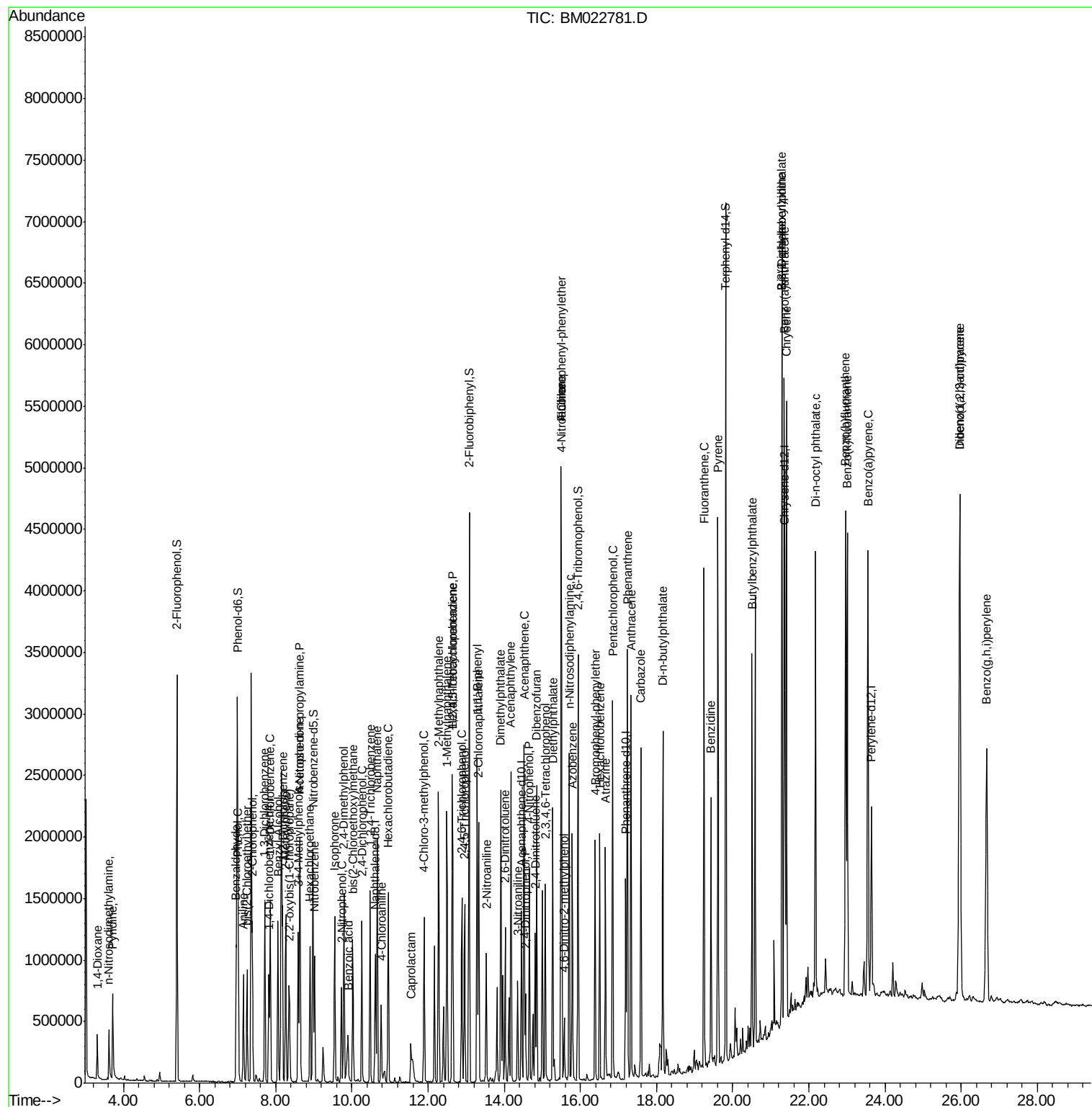
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	402675	45.561	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	372045	39.794	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	388445	39.871	ng	98
46) 1,1'-Biphenyl	13.29	154	1396428	35.294	ng	100
47) 2-Chloronaphthalene	13.33	162	1071778	36.344	ng	99
48) 2-Nitroaniline	13.53	65	269135	35.048	ng	99
49) Acenaphthylene	14.17	152	1800856	41.238	ng	100
50) Dimethylphthalate	13.91	163	1534409	44.414	ng	100
51) 2,6-Dinitrotoluene	14.02	165	273820	37.891	ng	99
52) Acenaphthene	14.52	154	990823	34.680	ng	100
53) 3-Nitroaniline	14.35	138	205080	24.651	ng	99
54) 2,4-Dinitrophenol	14.56	184	153368	42.717	ng	96
55) Dibenzofuran	14.85	168	1535624	36.817	ng	99
56) 4-Nitrophenol	14.66	139	481264	75.263	ng	97
57) 2,4-Dinitrotoluene	14.81	165	355592	37.560	ng	99
58) Fluorene	15.50	166	1262711	37.255	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	328662	38.681	ng	97
60) Diethylphthalate	15.27	149	1246511	37.107	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	635864	36.512	ng	99
62) 4-Nitroaniline	15.51	138	283795	32.537	ng	98
63) Azobenzene	15.79	77	1084622	35.754	ng	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	115829	28.864	ng	96
66) n-Nitrosodiphenylamine	15.71	169	1072704	39.284	ng	100
67) 4-Bromophenyl-phenylether	16.39	248	388011	39.029	ng	99
68) Hexachlorobenzene	16.51	284	421064	36.318	ng	96
69) Atrazine	16.66	200	320670	36.124	ng	99
70) Pentachlorophenol	16.84	266	513427	83.039	ng	99
71) Phenanthrene	17.23	178	2071048	41.064	ng	100
72) Anthracene	17.33	178	1958713	40.072	ng	99
73) Carbazole	17.59	167	1676614	36.861	ng	99
74) Di-n-butylphthalate	18.16	149	2106781	40.849	ng	100
75) Fluoranthene	19.25	202	2422730	42.569	ng	98
77) Benzidine	19.43	184	1248194	49.107	ng	100
78) Pyrene	19.61	202	2716572	44.739	ng	99
80) Butylbenzylphthalate	20.51	149	934153	40.480	ng	99
81) Benzo(a)anthracene	21.36	228	2512184	41.835	ng	98
82) 3,3'-Dichlorobenzidine	21.29	252	824394	38.712	ng	100
83) Chrysene	21.41	228	2414324	41.471	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1438363	42.067	ng	99
85) Di-n-octyl phthalate	22.18	149	2474917	45.415	ng	98
86) Indeno(1,2,3-cd)pyrene	25.96	276	3012967	43.361	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2706398	40.639	ng	100
89) Benzo(k)fluoranthene	23.01	252	2409949	36.471	ng	99
90) Benzo(a)pyrene	23.55	252	2596267	42.308	ng	99
91) Dibenzo(a,h)anthracene	25.97	278	2412892	37.591	ng	98
92) Benzo(g,h,i)perylene	26.67	276	2529190	41.485	ng	98

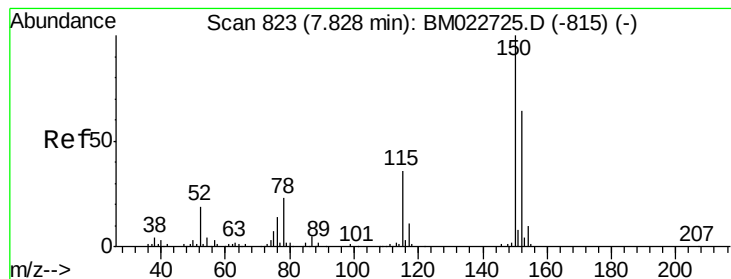
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.82 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

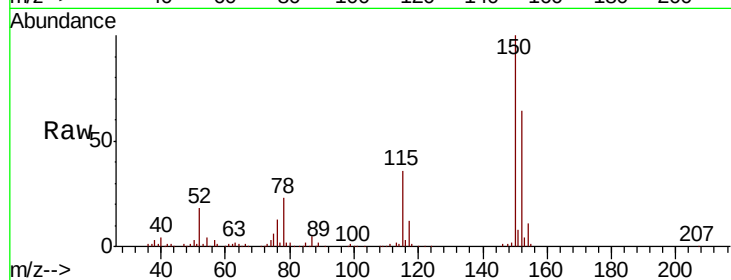
Tot Ion:152 Resp: 242993

Ion Ratio Lower Upper

152 100

150 155.5 124.5 186.7

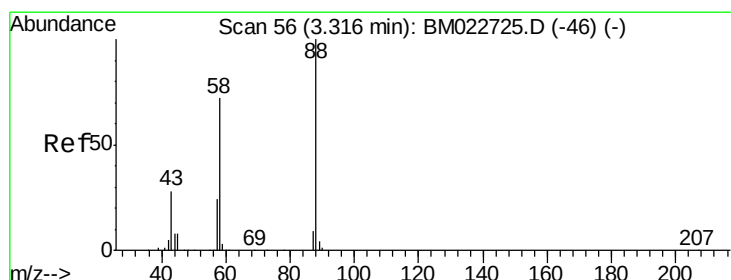
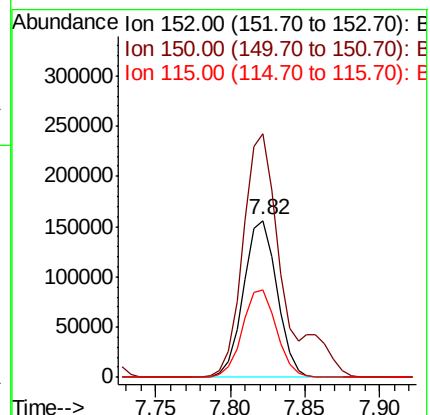
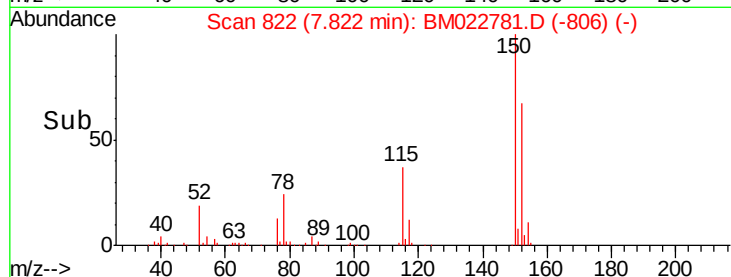
115 55.6 45.0 67.4



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



#2

1,4-Dioxane

Concen: 27.057 ng

RT: 3.31 min Scan# 55

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

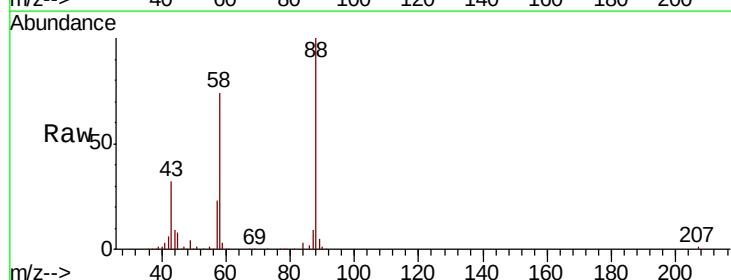
Tgt Ion: 88 Resp: 166809

Ion Ratio Lower Upper

88 100

58 72.4 0.0 0.0#

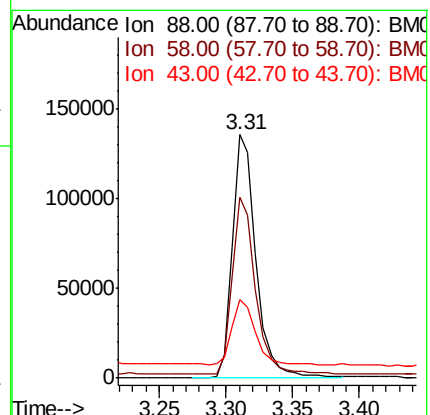
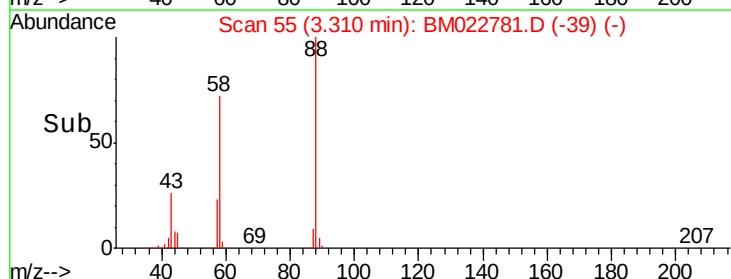
43 27.9 0.0 0.0#

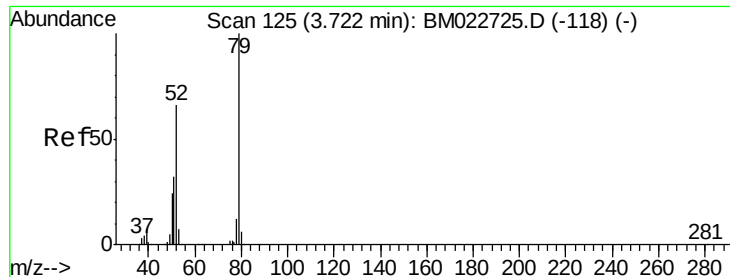


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 24.670 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

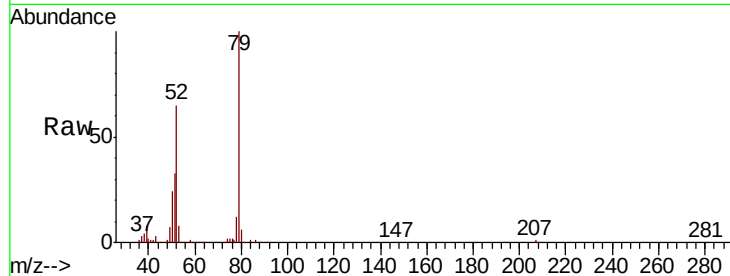
Tot Ion: 79 Resp: 400891

Ion Ratio Lower Upper

79 100

52 65.1 52.4 78.6

51 32.8 26.2 39.4

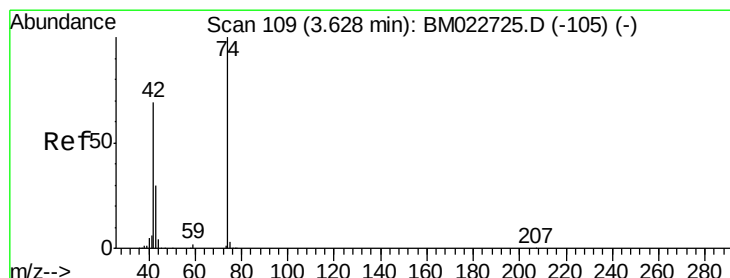
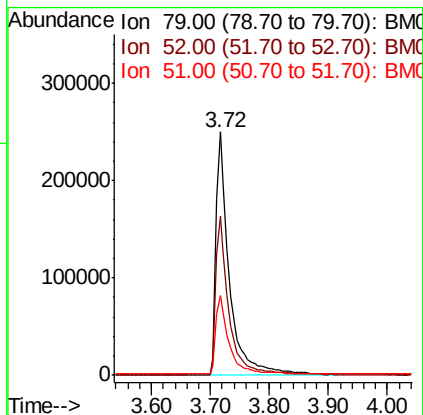
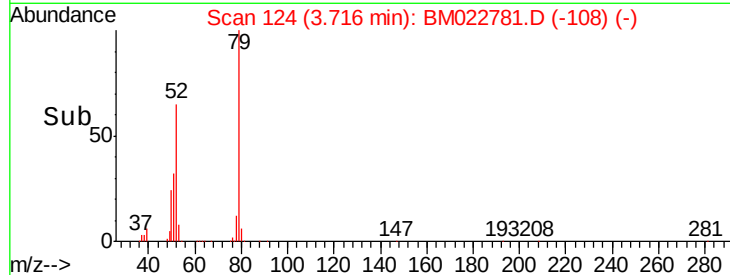


Abundance Ion 79.00 (78.70 to 79.70): BM022725.D (-118) (-)

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

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

Time-->



#4

n-Nitrosodimethylamine

Concen: 32.705 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

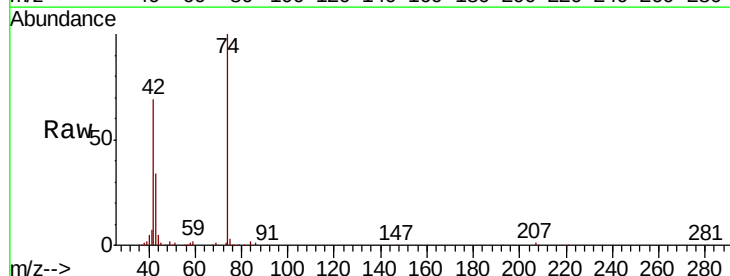
Tgt Ion: 42 Resp: 193475

Ion Ratio Lower Upper

42 100

74 145.9 116.6 175.0

44 7.3 8.2 12.4#

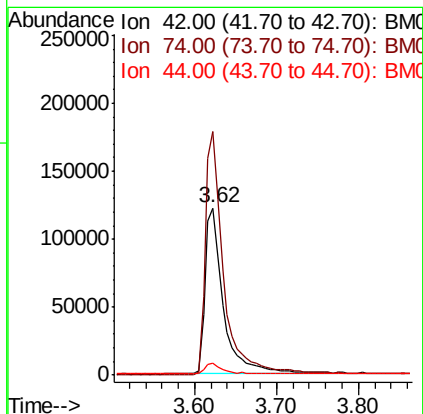
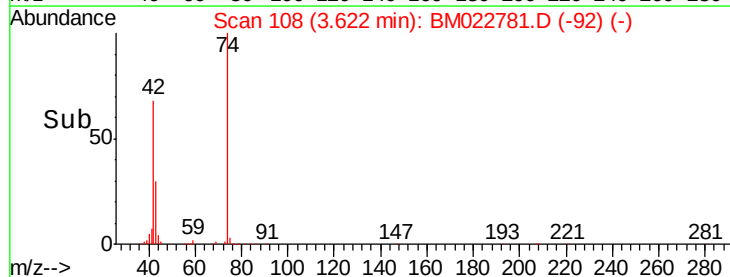


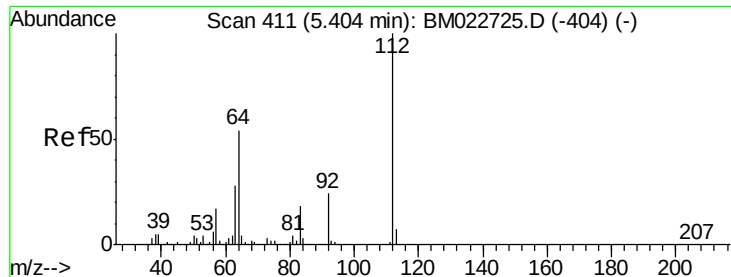
Abundance Ion 42.00 (41.70 to 42.70): BM022725.D (-105) (-)

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

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

Time-->





#5

2-Fluorophenol

Concen: 93.484 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022781.D

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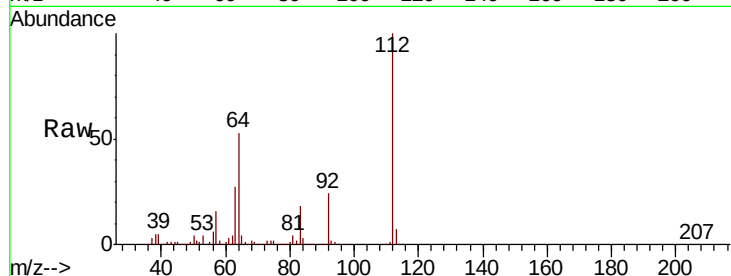
Tot Ion:112 Resp: 1432319

Ion Ratio Lower Upper

112 100

64 53.3 43.4 65.2

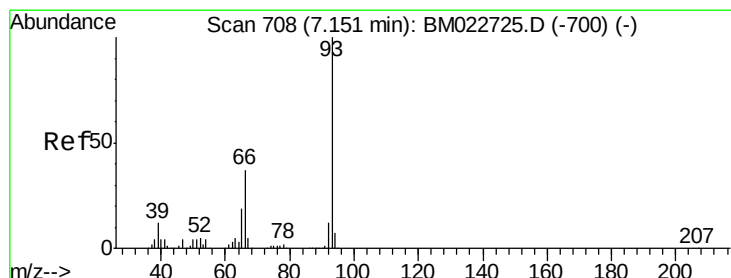
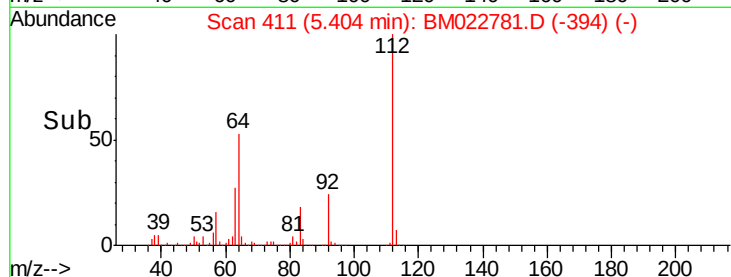
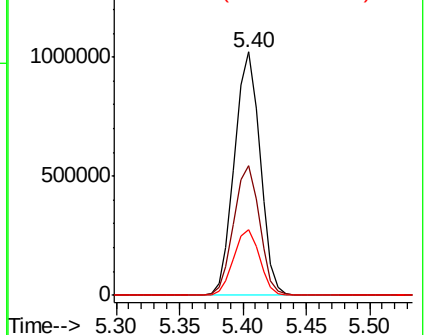
63 27.0 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 25.778 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

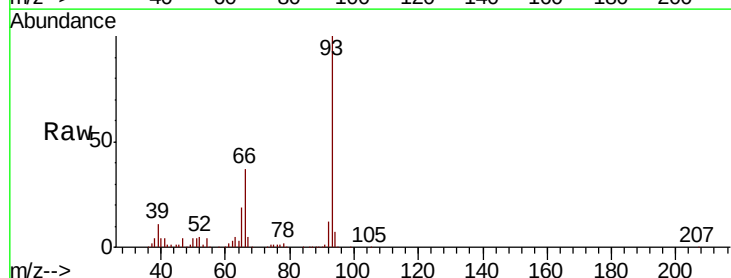
Tgt Ion: 93 Resp: 608253

Ion Ratio Lower Upper

93 100

66 36.7 29.3 43.9

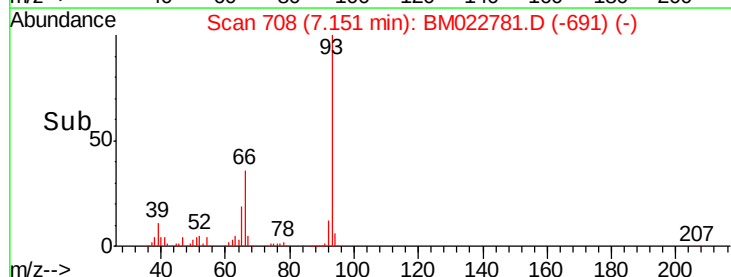
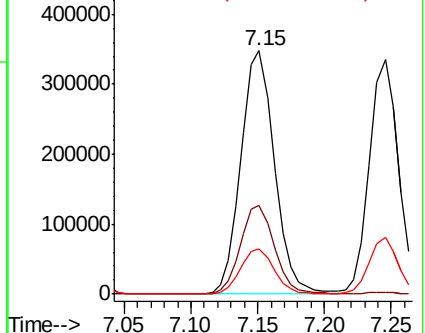
65 18.8 15.3 22.9

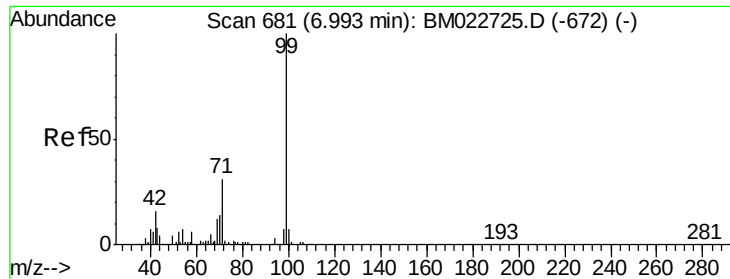


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 95.307 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

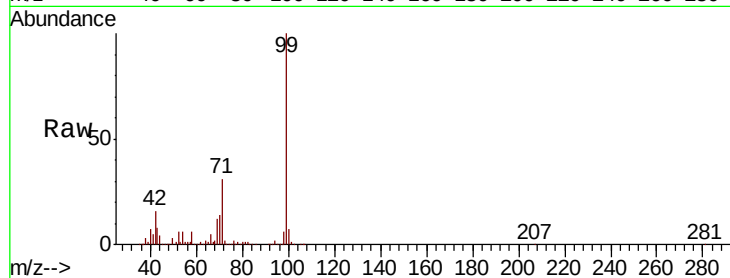
BNA_M

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Tot Ion: 99 Resp: 1875507

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	31.2	24.7	37.1

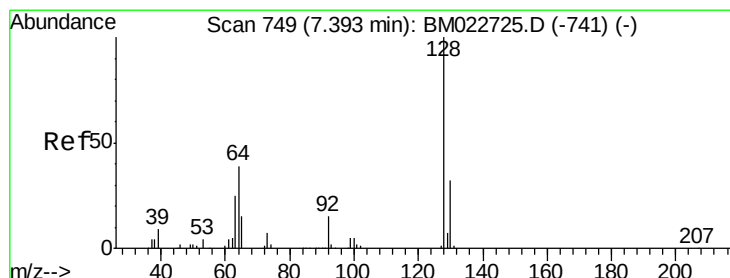
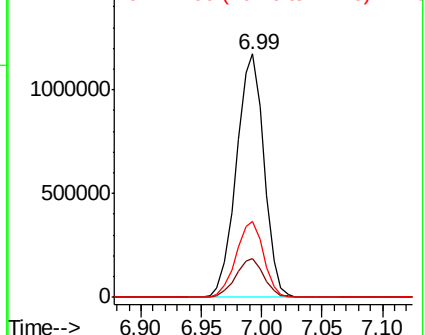
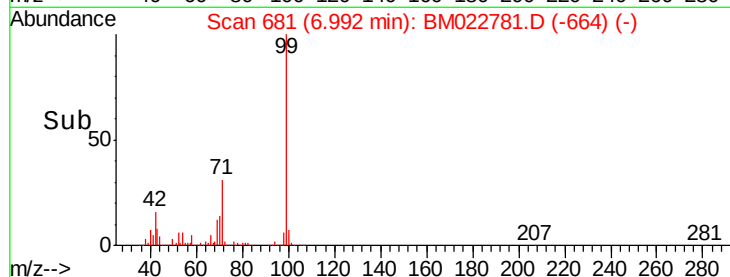


Abundance

Ion 99.00 (98.70 to 99.70): BM022781.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022781.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022781.D (-664) (-)



#8

2-Chlorophenol

Concen: 35.564 ng

RT: 7.39 min Scan# 748

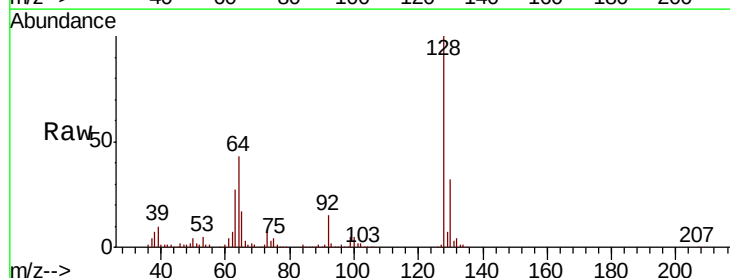
Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion: 128 Resp: 555166

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.1	52.1
64	42.5	22.9	62.9

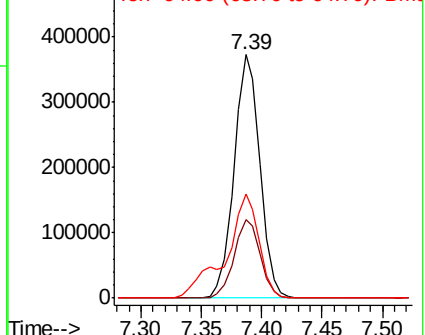
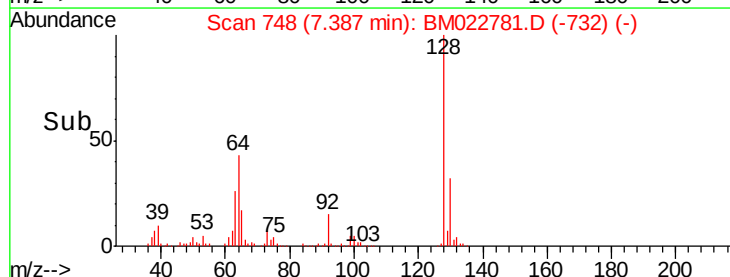


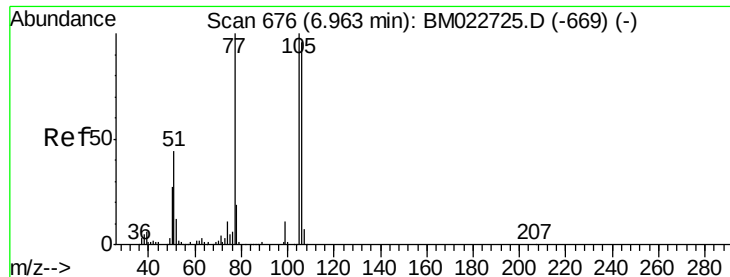
Abundance

Ion 128.00 (127.70 to 128.70): BM022781.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022781.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022781.D (-732) (-)





#9

Benzaldehyde

Concen: 31.460 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

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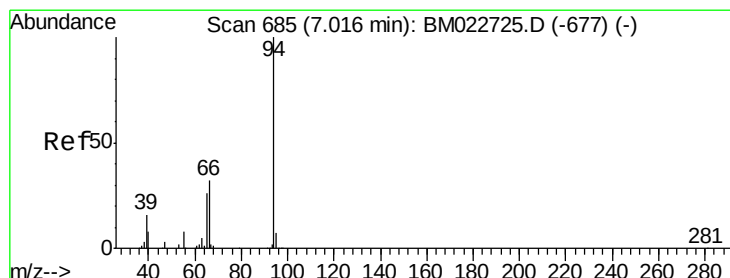
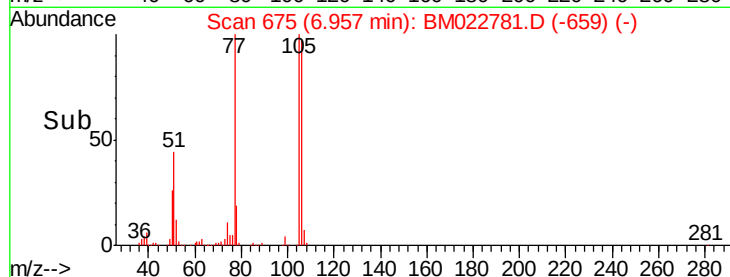
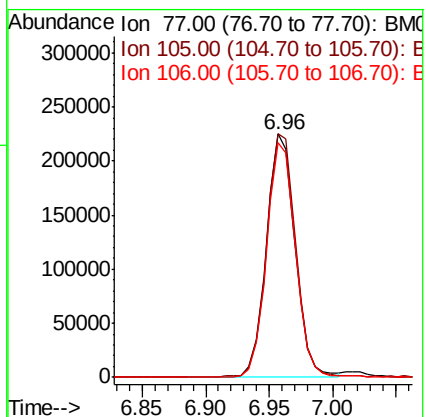
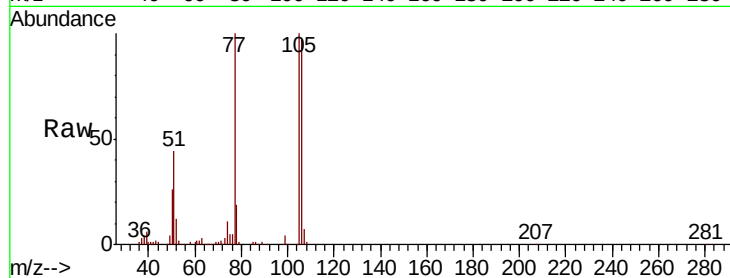
Tot Ion: 77 Resp: 352507

Ion Ratio Lower Upper

77 100

105 100.1 79.6 119.6

106 96.6 76.3 116.3



#10

Phenol

Concen: 35.670 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

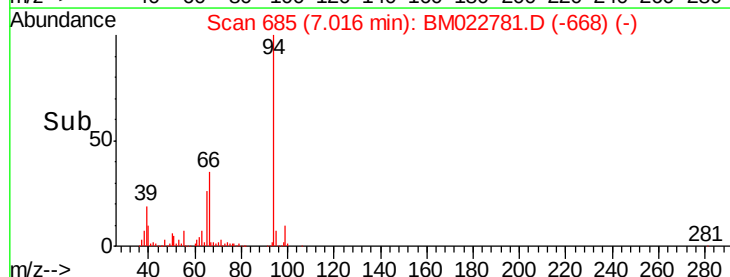
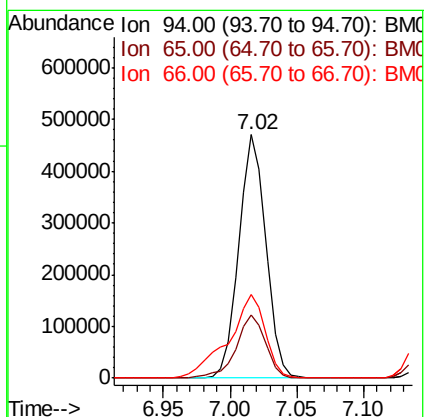
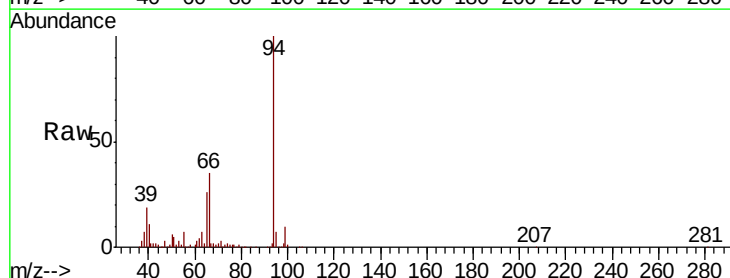
Tgt Ion: 94 Resp: 660841

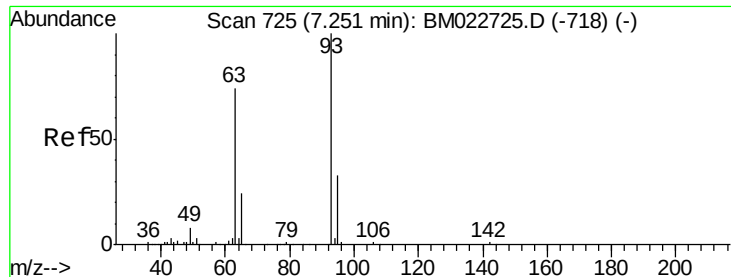
Ion Ratio Lower Upper

94 100

65 26.2 6.7 46.7

66 34.5 13.8 53.8

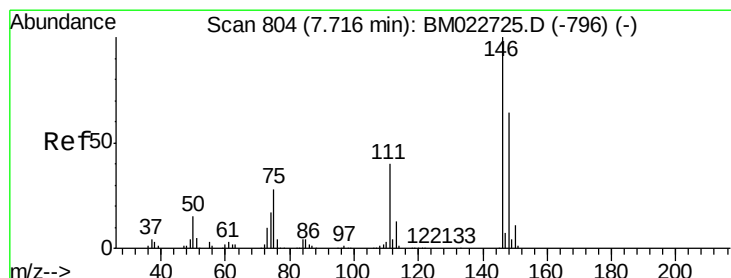
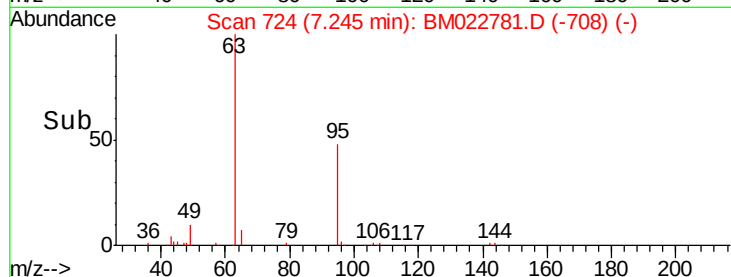
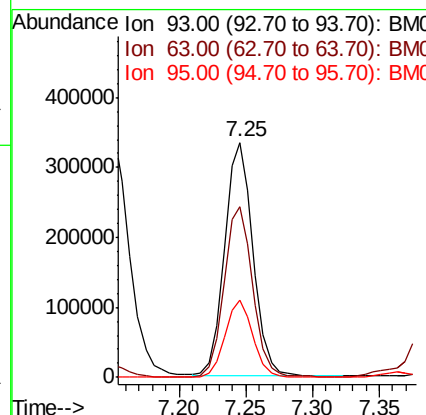
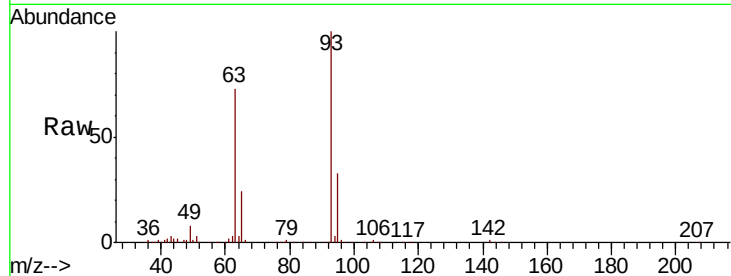




#11
 bis(2-Chloroethyl)ether
 Concen: 34.283 ng
 RT: 7.25 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

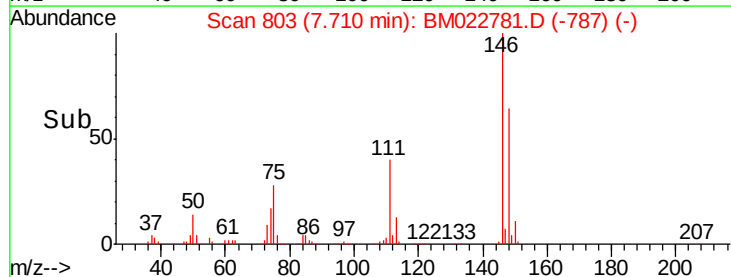
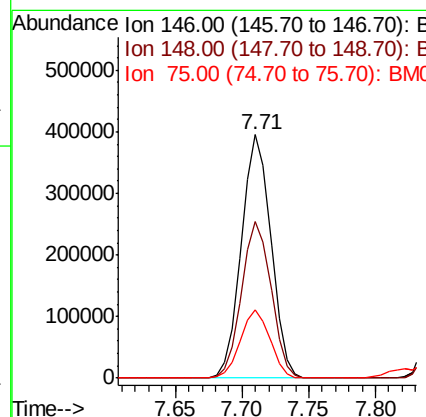
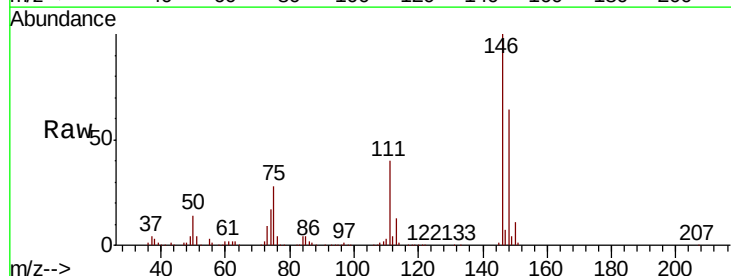
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

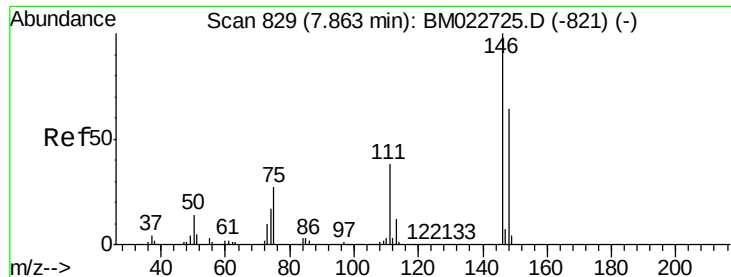
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	53.8	93.8
95	32.7	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 32.511 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	28.1	22.5	33.7

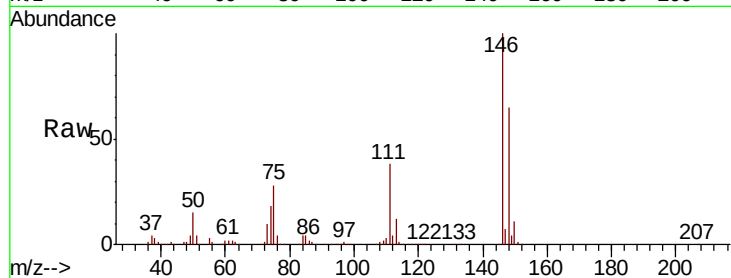




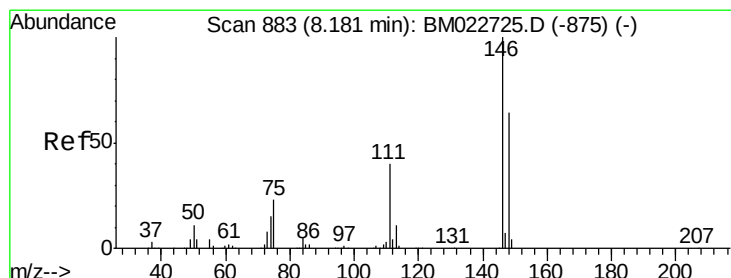
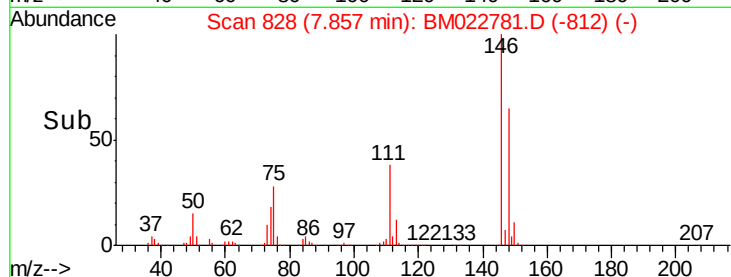
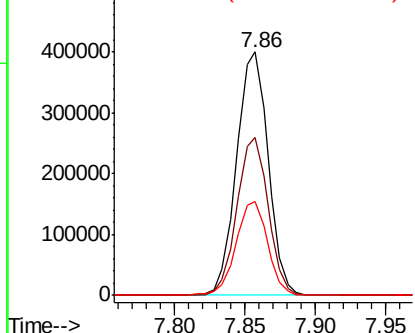
#13
 1,4-Dichlorobenzene
 Concen: 33.087 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion:146 Resp: 624954
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 38.4 30.9 46.3

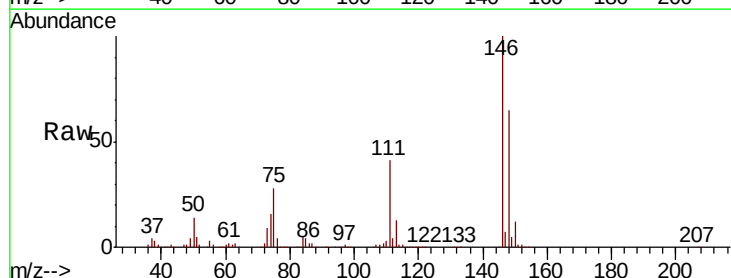


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

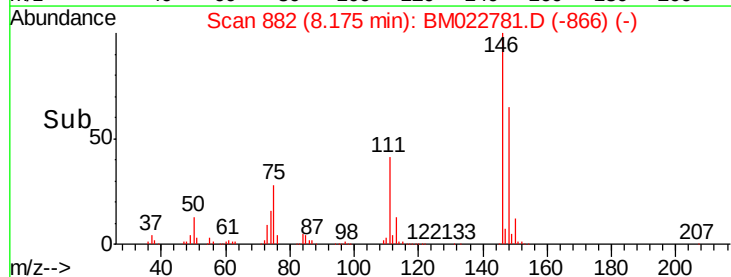
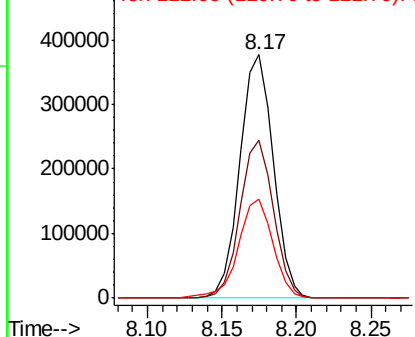


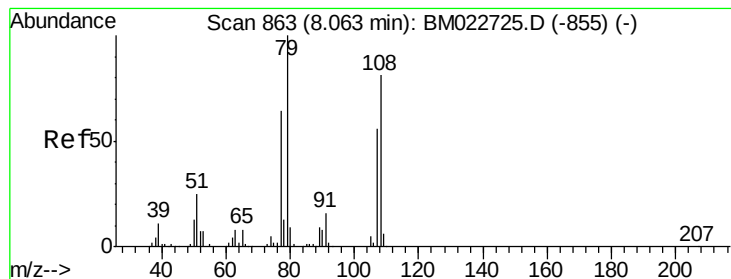
#14
 1,2-Dichlorobenzene
 Concen: 32.568 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion:146 Resp: 586469
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.3 76.9
 111 40.9 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: 34.784 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

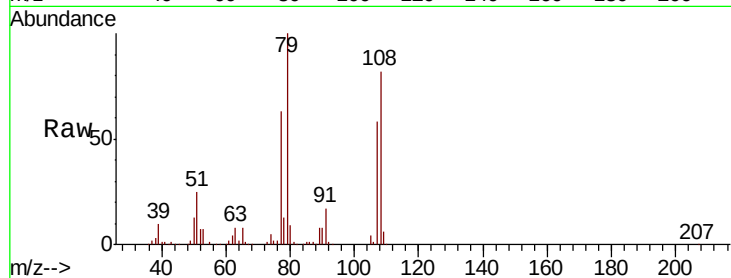
Tot Ion: 79 Resp: 428318

Ion Ratio Lower Upper

79 100

108 81.6 64.9 97.3

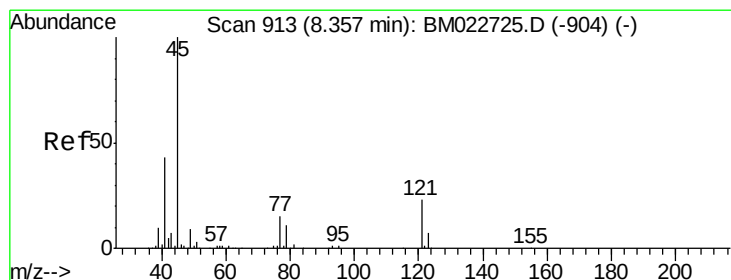
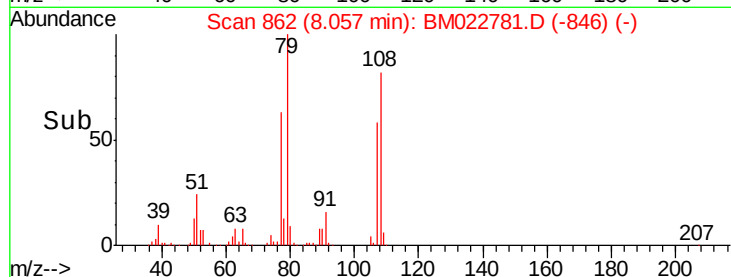
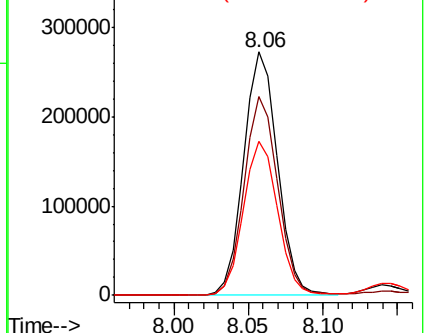
77 63.4 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BM022725.D (-855) (-)

Ion 108.00 (107.70 to 108.70): BM022725.D (-855) (-)

Ion 77.00 (76.70 to 77.70): BM022725.D (-855) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.397 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

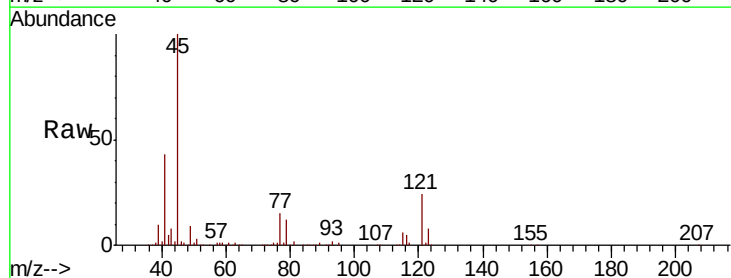
Tgt Ion: 45 Resp: 663857

Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.1

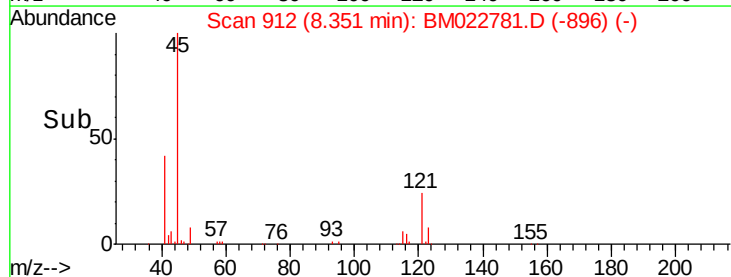
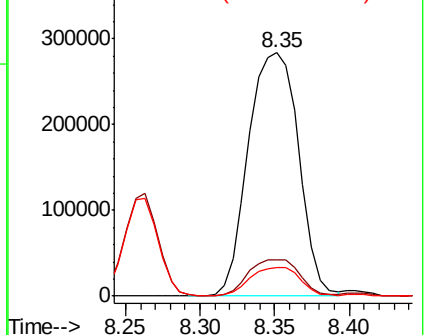
79 11.8 0.0 31.4

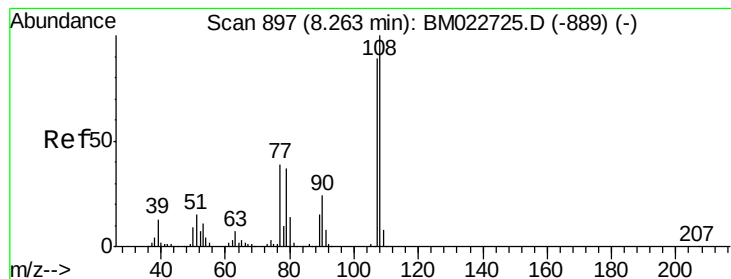


Abundance Ion 45.00 (44.70 to 45.70): BM022725.D (-904) (-)

Ion 77.00 (76.70 to 77.70): BM022725.D (-904) (-)

Ion 79.00 (78.70 to 79.70): BM022725.D (-904) (-)

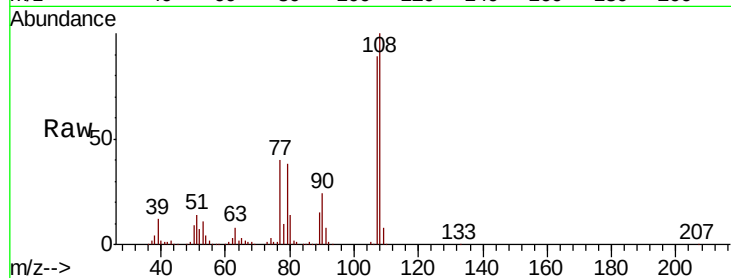




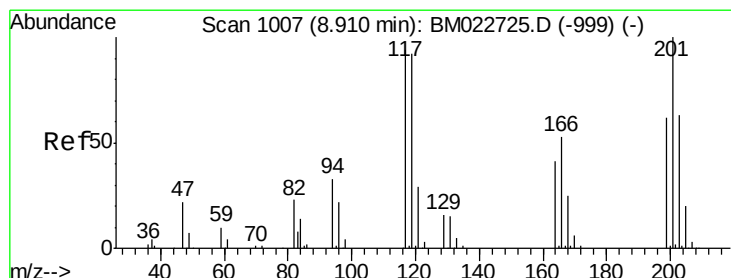
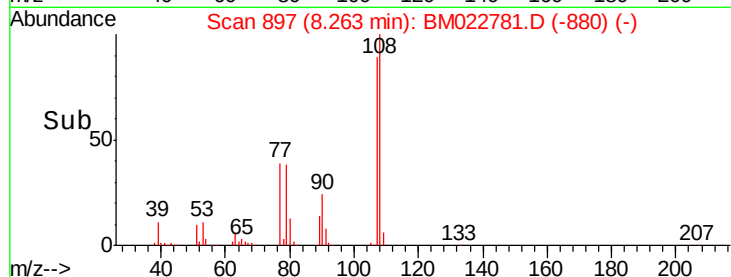
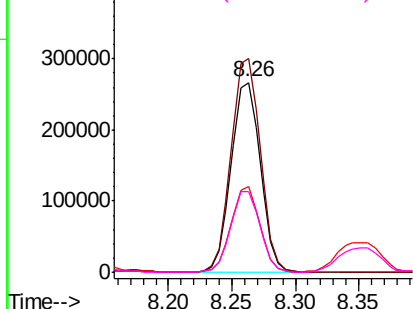
#17
2-Methylphenol
Concen: 34.731 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion:	107	Resp:	425897
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	45.0	35.2	52.8
79	42.8	33.4	50.2

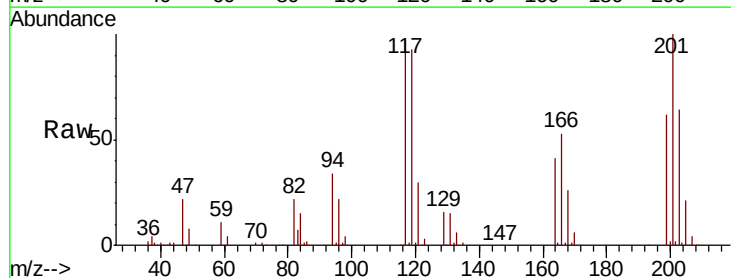


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

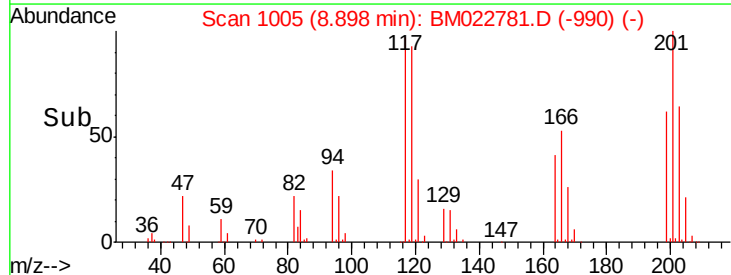
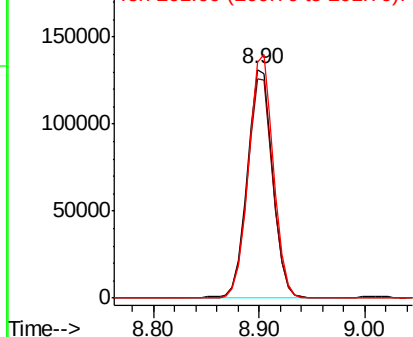


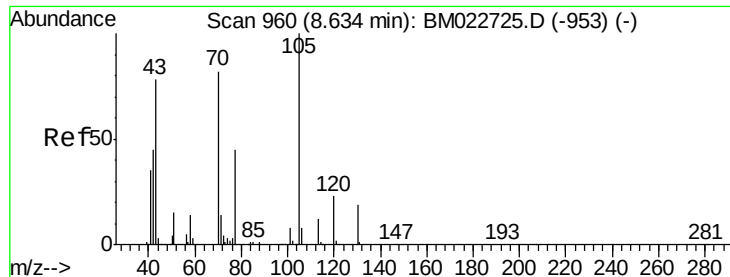
#18
Hexachloroethane
Concen: 31.797 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:	117	Resp:	220278
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.0	117.0
201	103.1	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

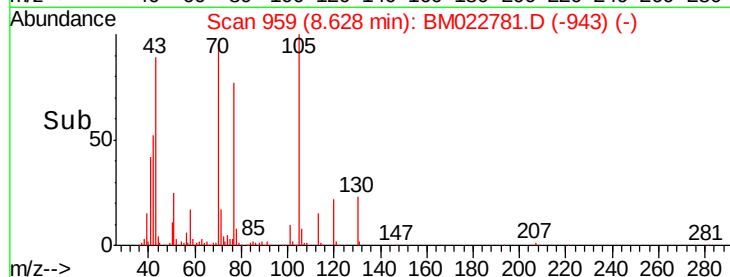
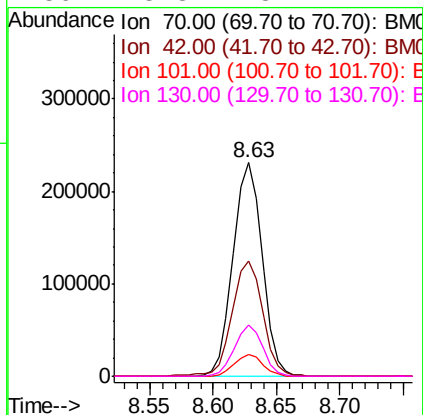
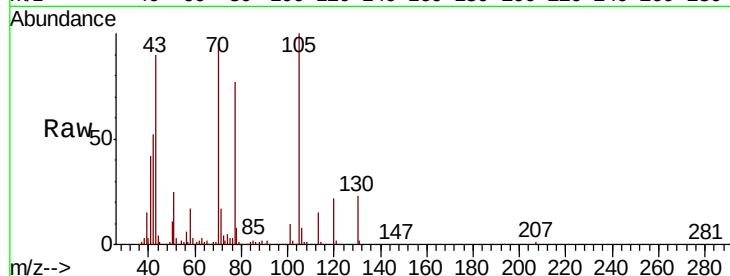




#19
n-Nitroso-di-n-propylamine
Concen: 33.448 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

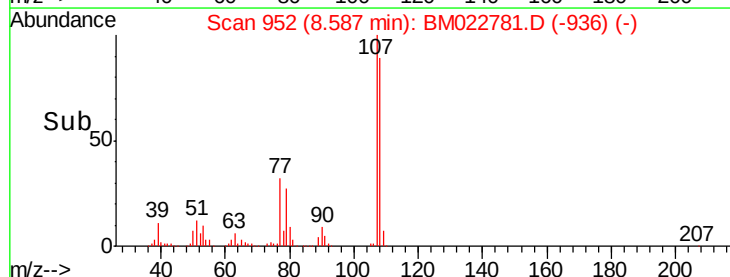
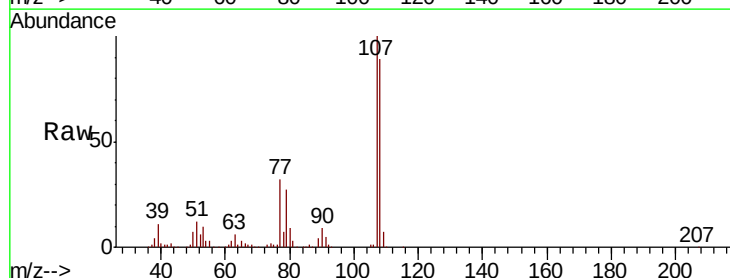
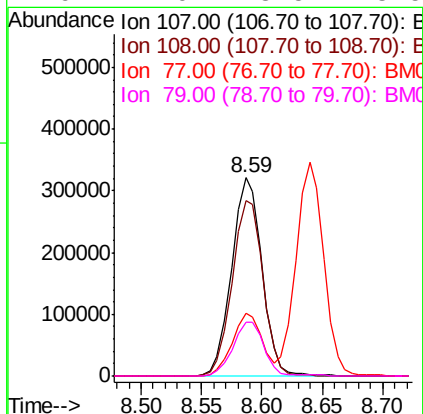
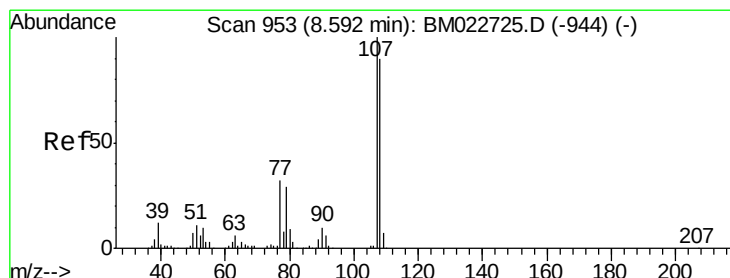
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

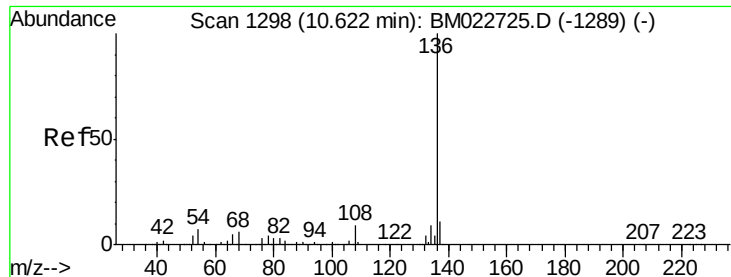
Tot Ion:	70	Resp:	367562
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.4	66.6
101	10.3	7.8	11.6
130	23.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 34.512 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:	107	Resp:	563694
Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.1	110.1
77	31.7	12.1	52.1
79	27.0	8.5	48.5

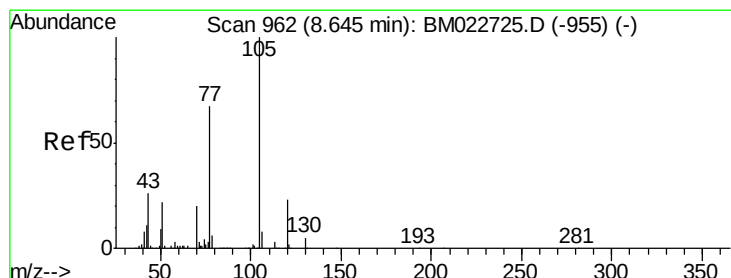
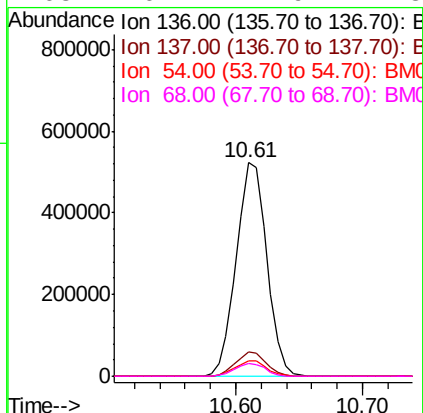
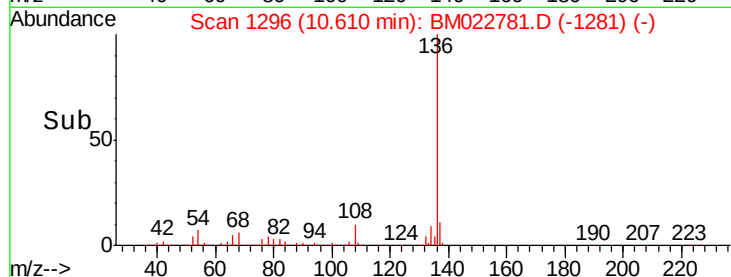
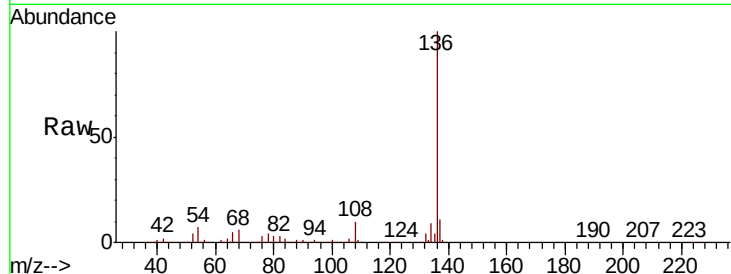




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

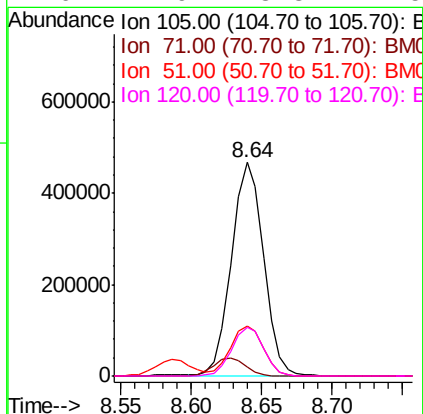
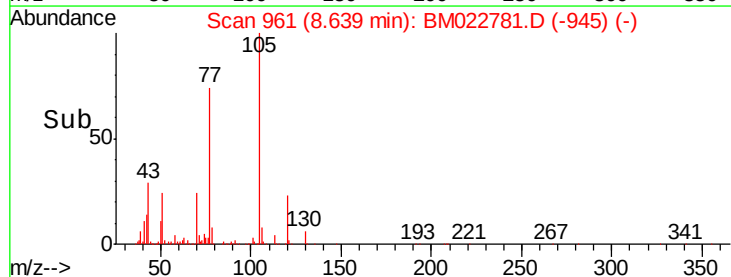
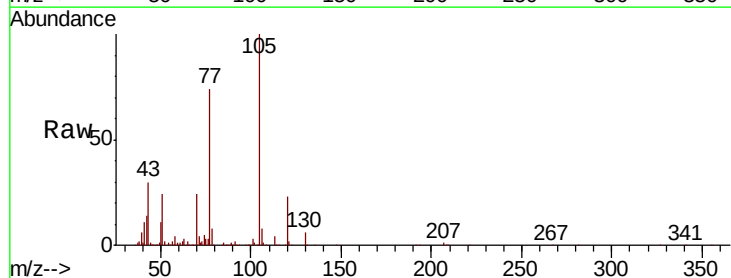
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

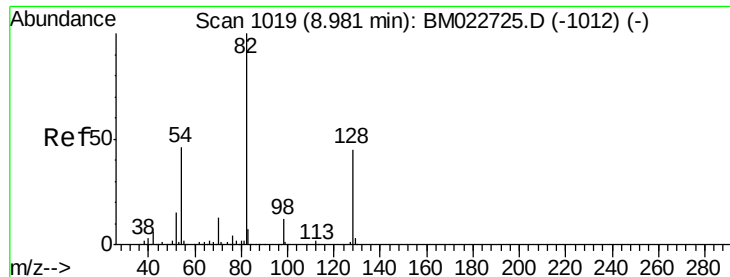
Tot Ion:136	Resp:	873983
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	7.4	6.0 9.0
68	6.1	4.9 7.3



#22
Acetophenone
Concen: 34.231 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:105	Resp:	738486
Ion Ratio	Lower	Upper
105	100	
71	4.0	2.7 4.1
51	23.6	19.9 29.9
120	22.9	18.3 27.5

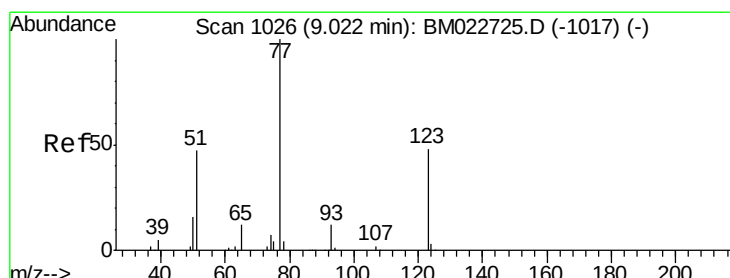
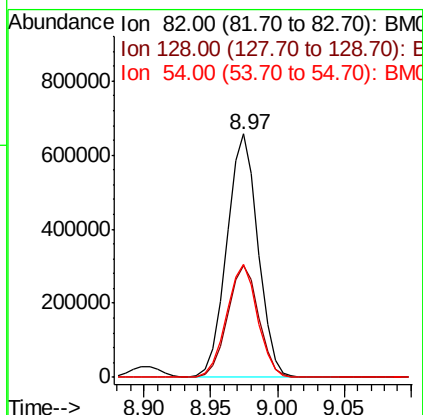
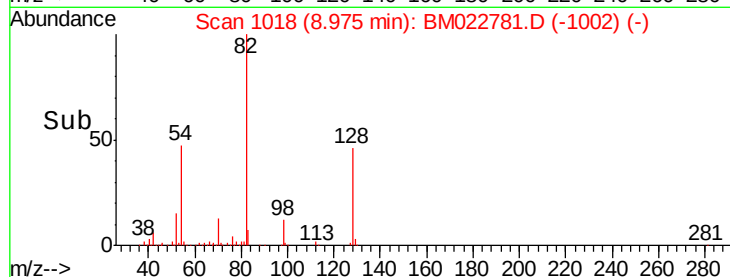
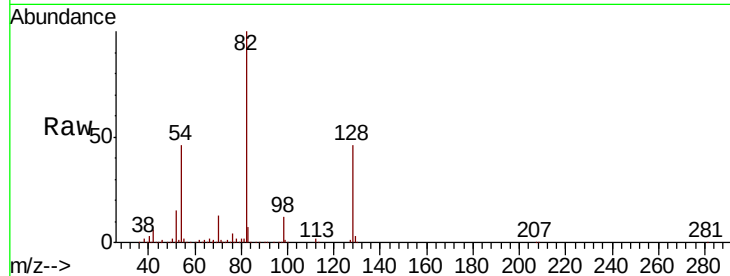




#23
 Nitrobenzene-d5
 Concen: 67.795 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

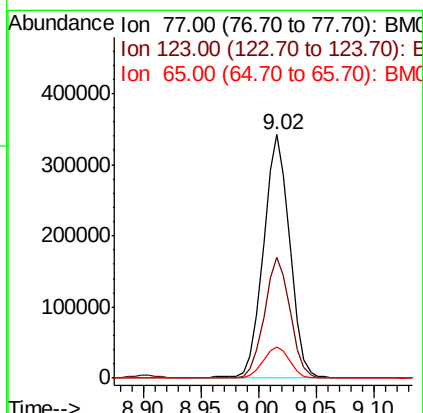
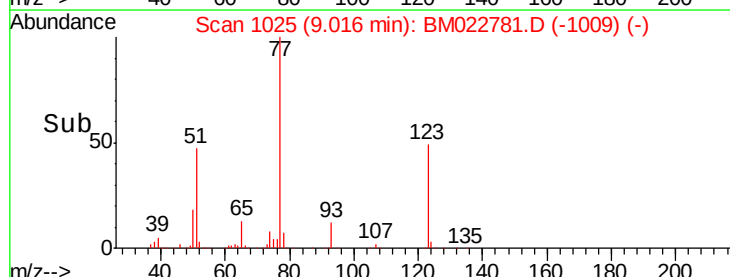
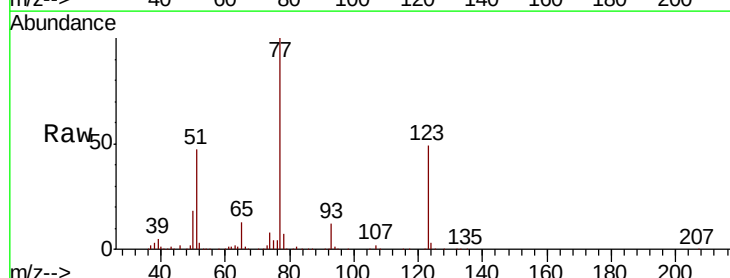
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

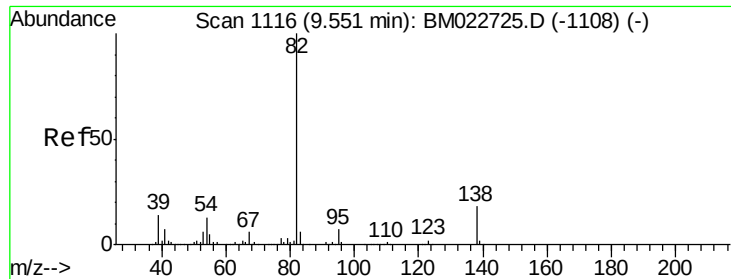
Tot Ion: 82 Resp: 1067399
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.0 54.0
 54 46.2 37.1 55.7



#24
 Nitrobenzene
 Concen: 36.017 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion: 77 Resp: 542569
 Ion Ratio Lower Upper
 77 100
 123 49.4 38.0 57.0
 65 12.8 10.0 15.0

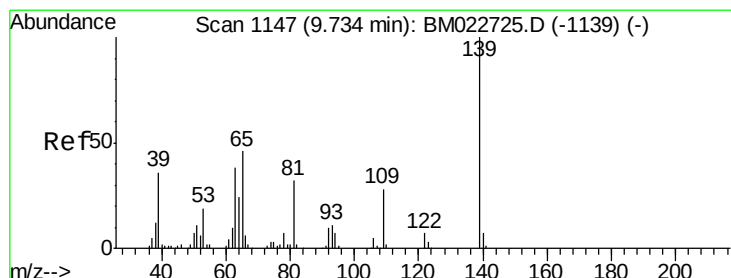
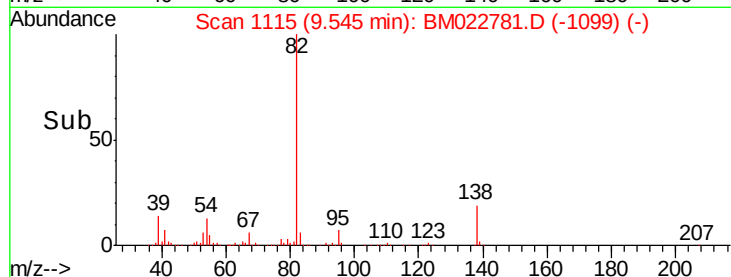
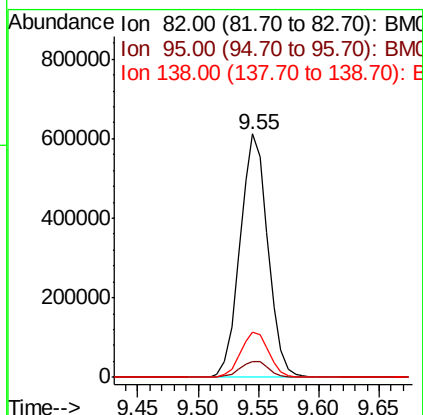
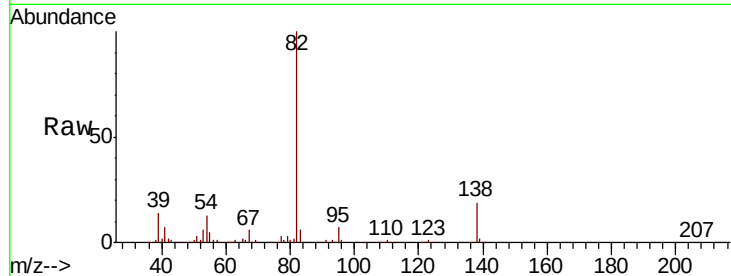




#25
Isophorone
Concen: 37.917 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

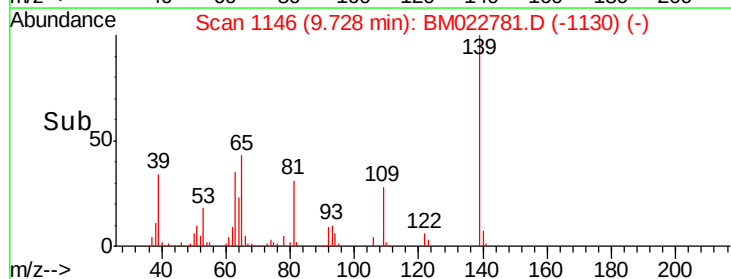
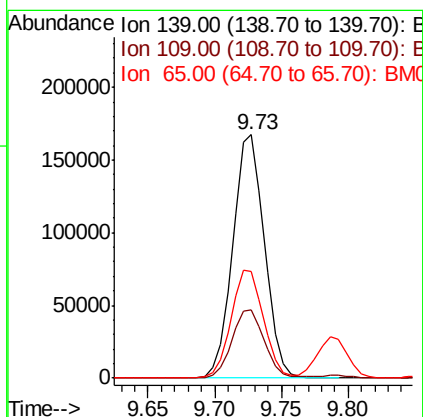
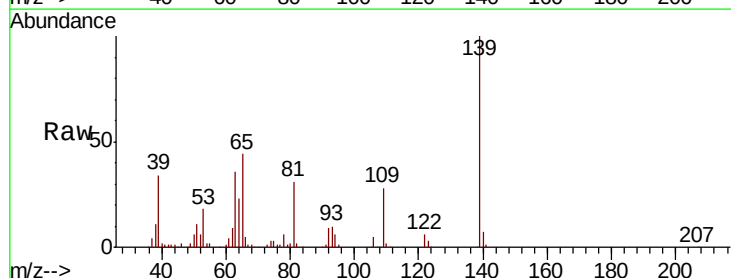
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

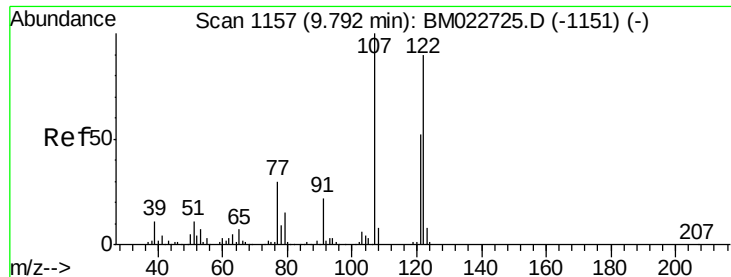
Tot Ion	82	Resp	981594
Ion Ratio	100		
Lower	5.4		
Upper	8.0		
95	6.7		
138	18.8	14.7	22.1



#26
2-Nitrophenol
Concen: 42.347 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	139	Resp	275392
Ion Ratio	100		
Lower	22.6		
Upper	33.8		
109	27.8		
65	43.7	37.0	55.4





#27

2,4-Dimethylphenol

Concen: 43.467 ng

RT: 9.79 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

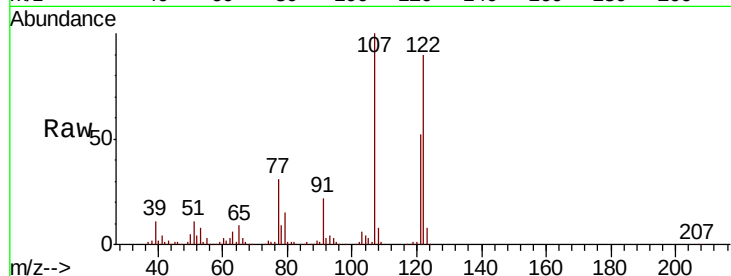
Tot Ion:122 Resp: 473227

Ion Ratio Lower Upper

122 100

107 111.0 88.9 133.3

121 58.2 46.5 69.7

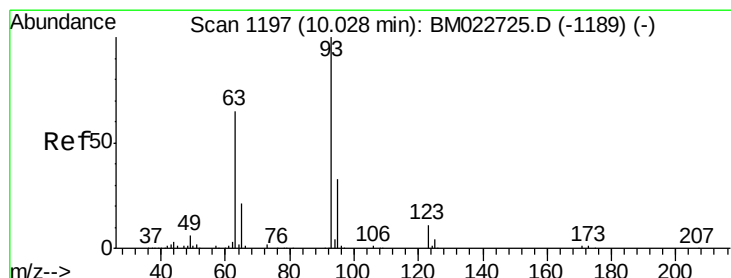
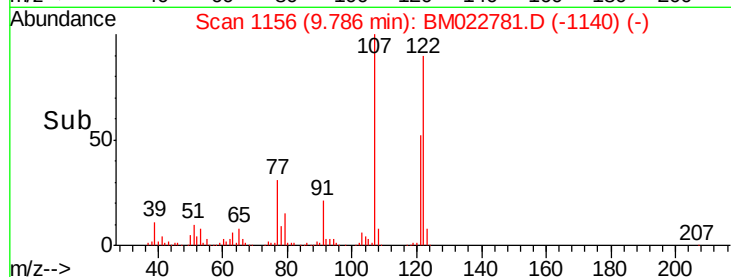
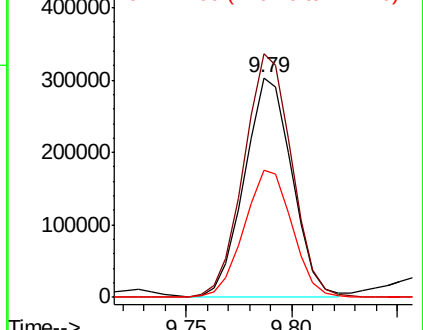


Abundance

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: 36.097 ng

RT: 10.02 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

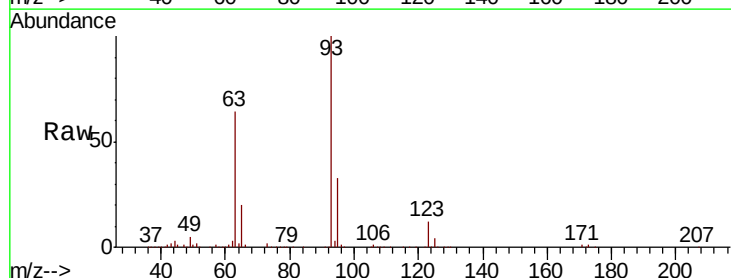
Tgt Ion: 93 Resp: 646654

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

123 11.6 9.0 13.6

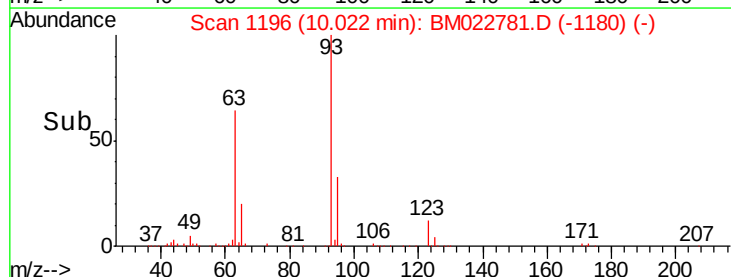
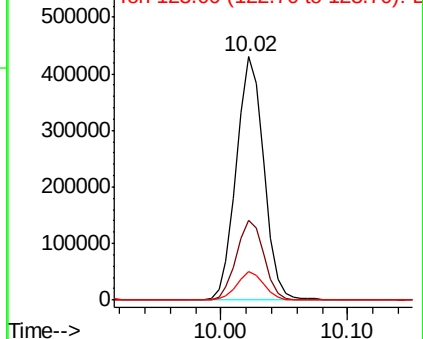


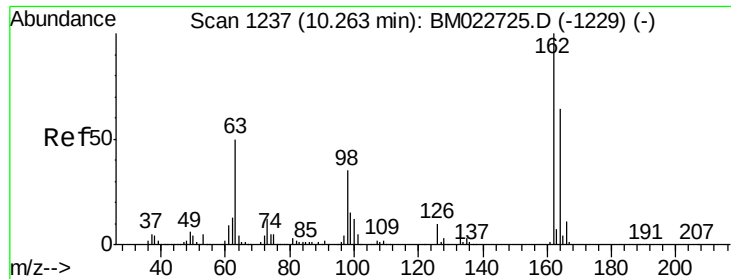
Abundance

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

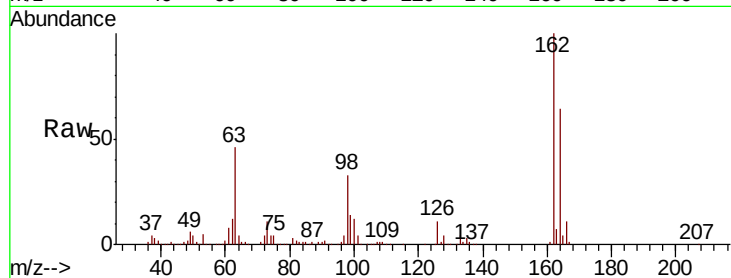




#29
2,4-Dichlorophenol
Concen: 39.410 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.4	84.4
98	32.7	14.8	54.8

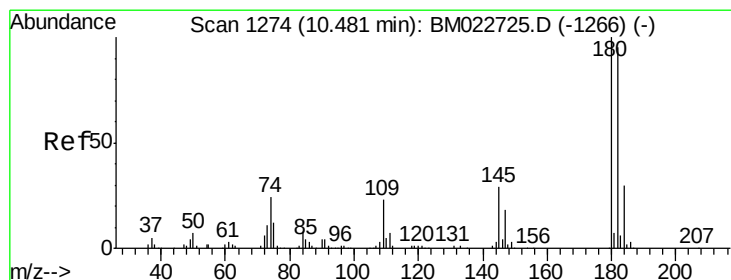
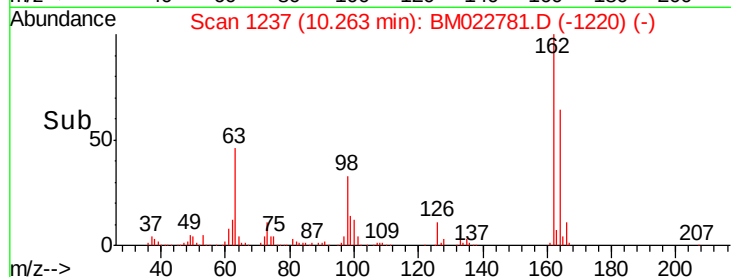
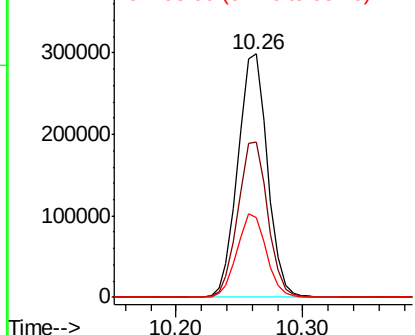


Abundance

Ion 162.00 (161.70 to 162.70): E

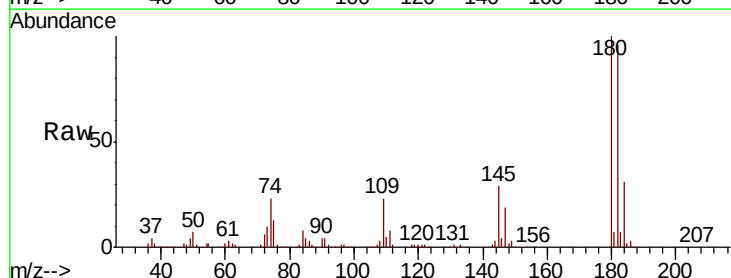
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 35.890 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.2
145	29.2	23.0	34.4

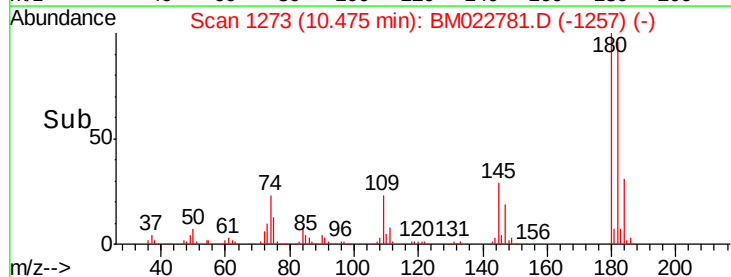
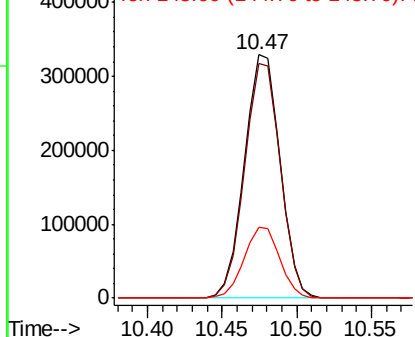


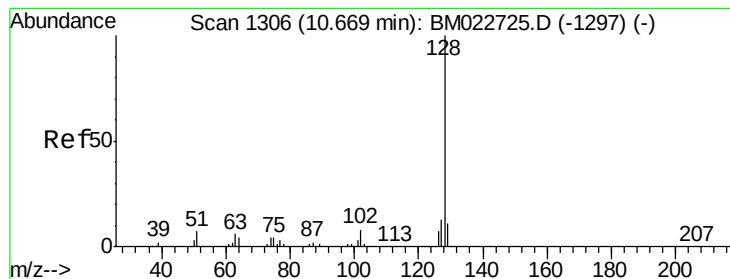
Abundance

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

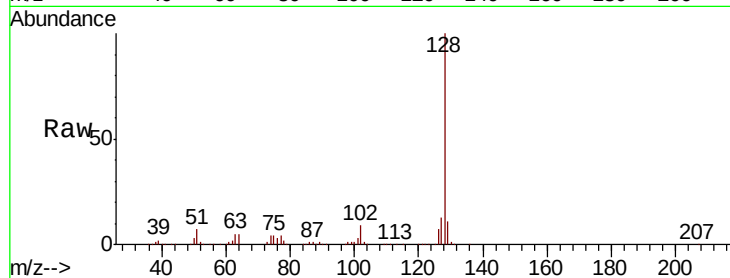




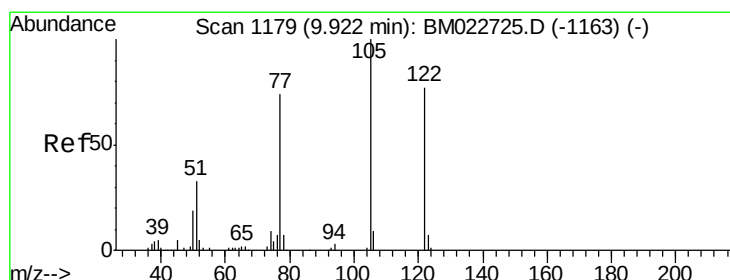
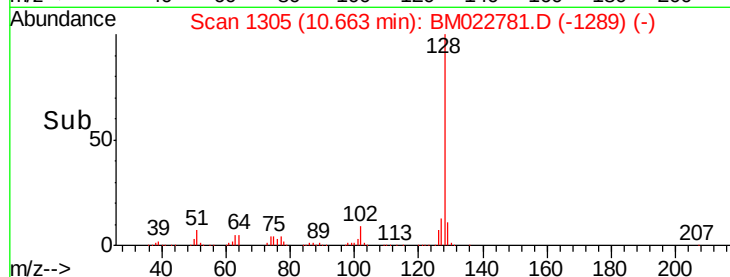
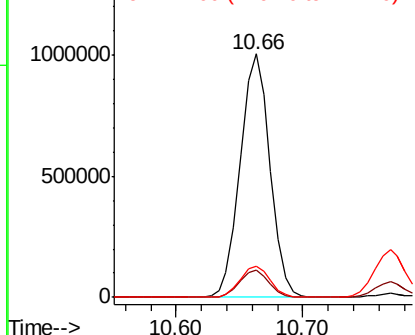
#31
Naphthalene
Concen: 37.829 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion:128 Resp: 1633617
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.2 15.4

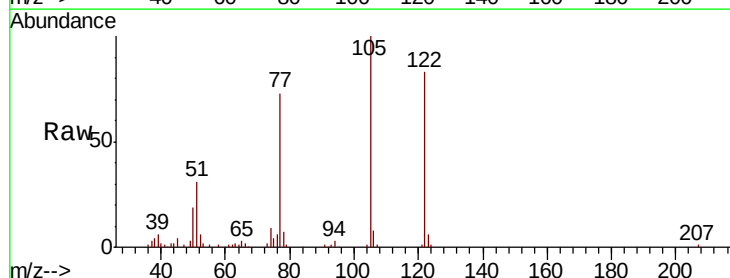


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

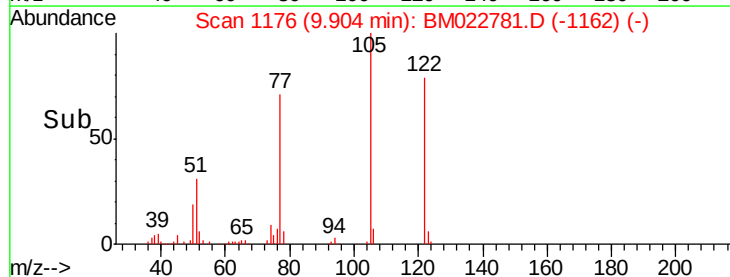
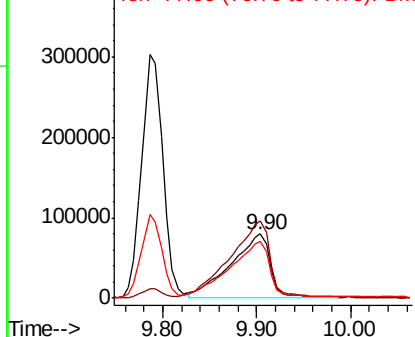


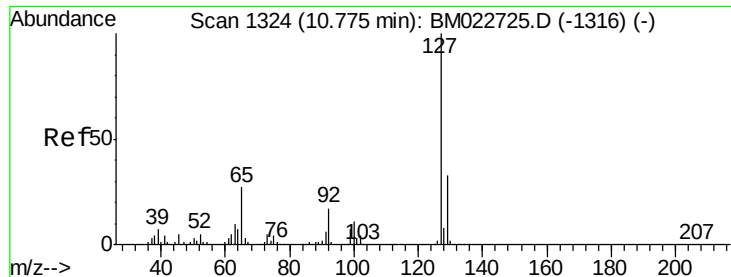
#32
Benzoic acid
Concen: 31.710 ng
RT: 9.90 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:122 Resp: 226304
Ion Ratio Lower Upper
122 100
105 121.2 105.3 145.3
77 88.3 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): E

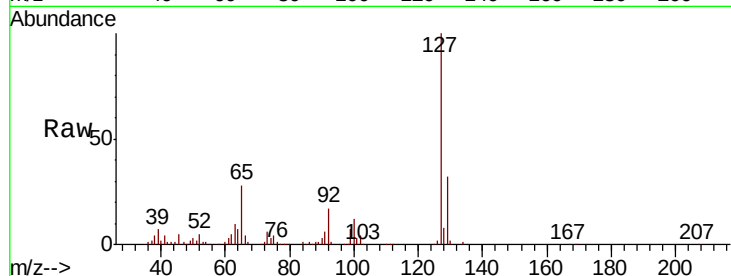




#33
4-Chloroaniline
Concen: 18.231 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion:	127	Resp:	341822
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	27.7	22.0	33.0
92	17.4	13.8	20.8



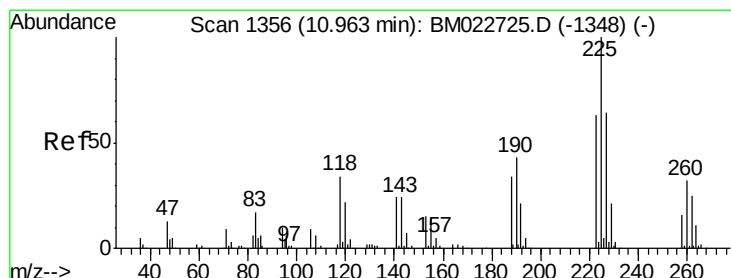
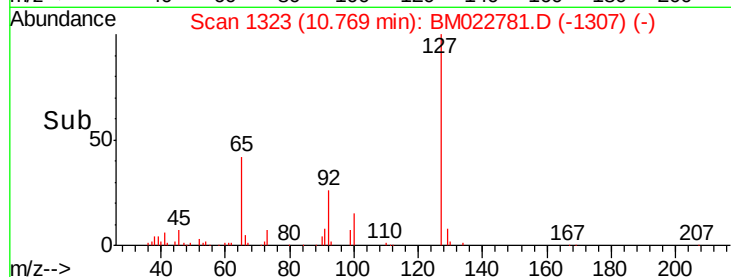
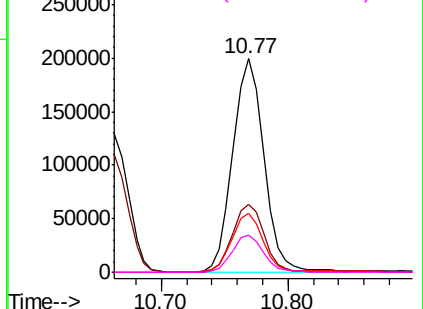
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

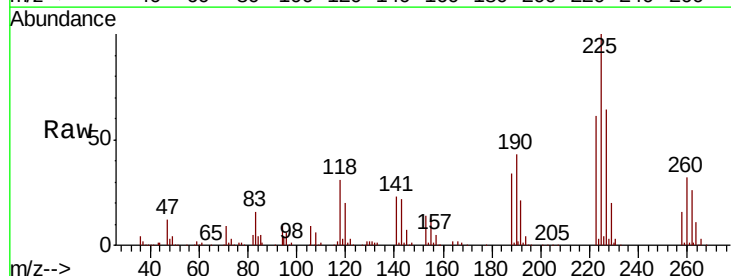
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 36.828 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:	225	Resp:	332461
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.2	75.4
227	63.9	51.0	76.4

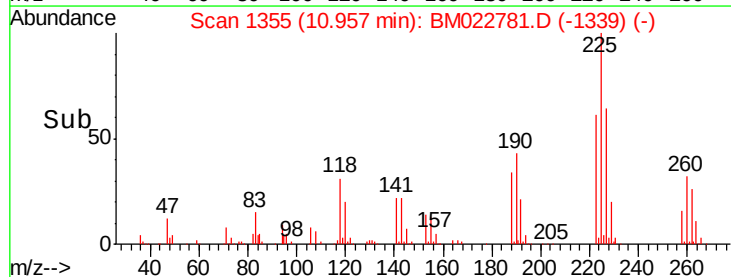
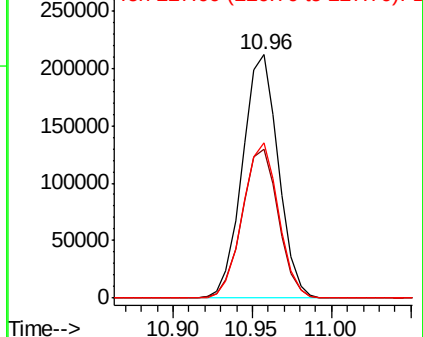


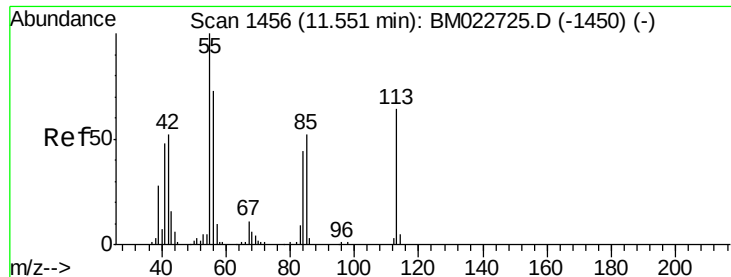
Abundance

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: 21.007 ng

RT: 11.55 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

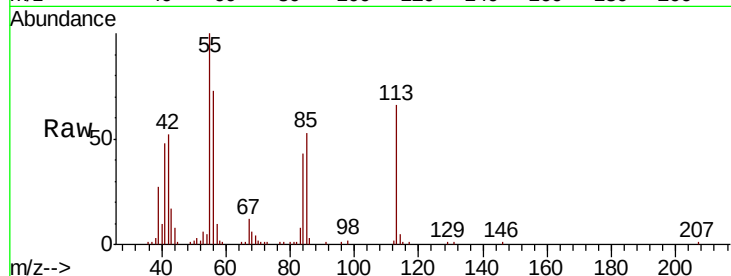
Tot Ion:113 Resp: 76658

Ion Ratio Lower Upper

113 100

55 152.4 136.8 176.8

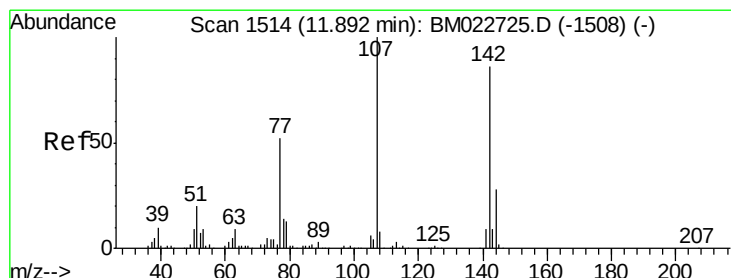
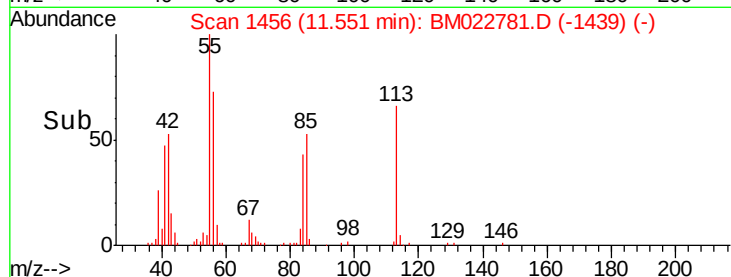
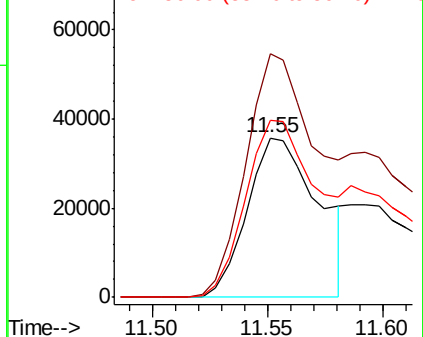
56 110.6 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 37.888 ng

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

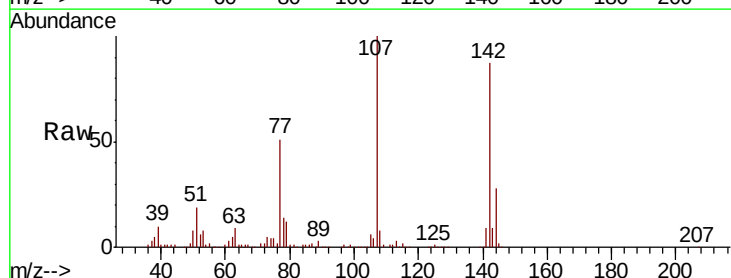
Tgt Ion:107 Resp: 454995

Ion Ratio Lower Upper

107 100

144 27.8 22.4 33.6

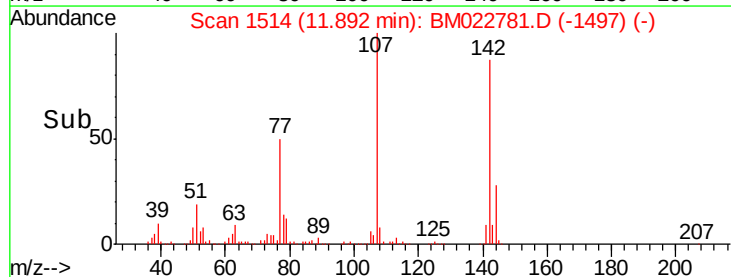
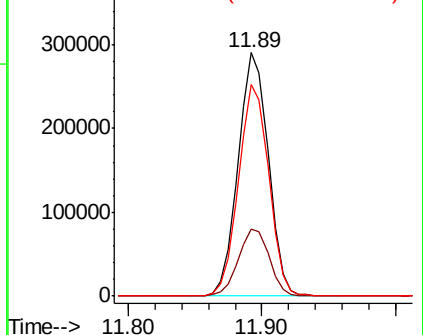
142 86.7 68.2 102.4

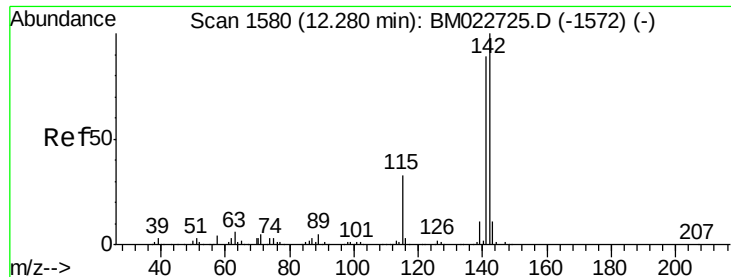


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

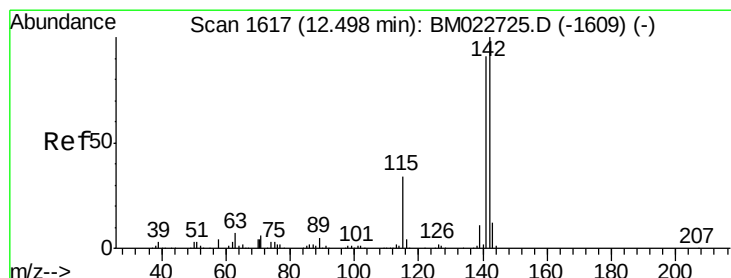
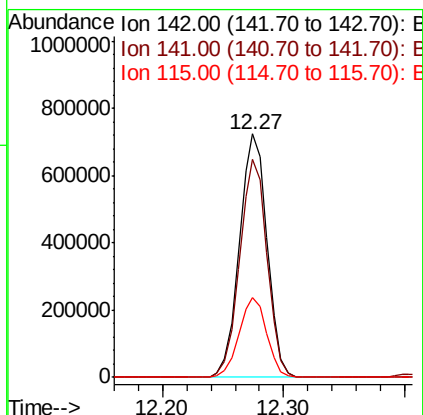
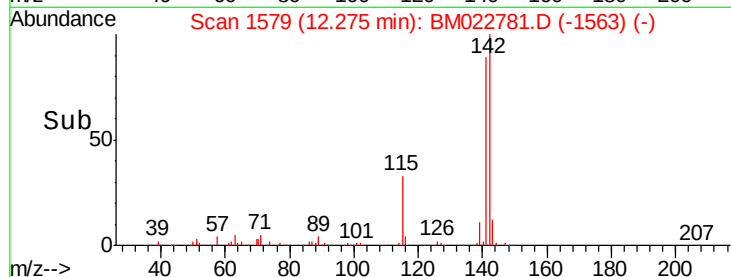
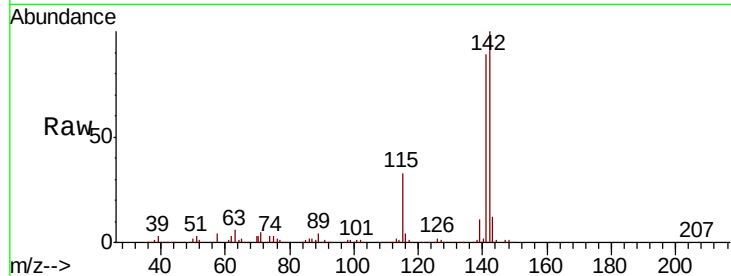




#37
2-Methylnaphthalene
Concen: 38.404 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

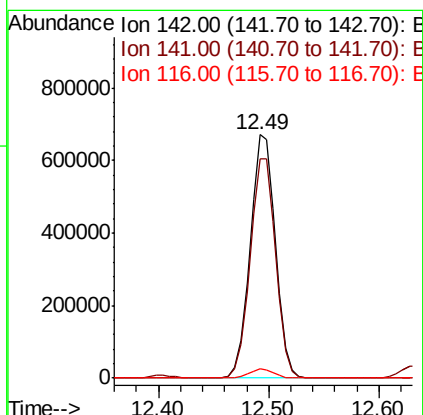
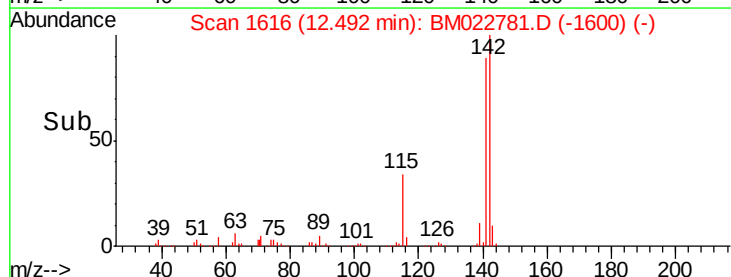
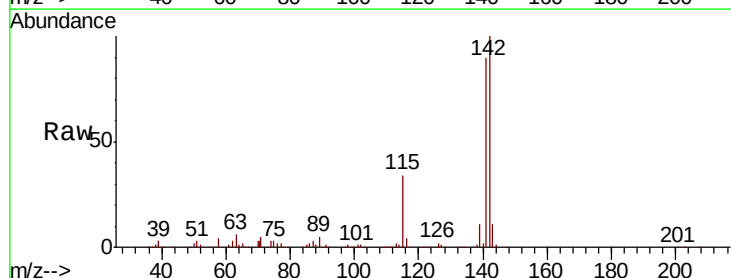
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

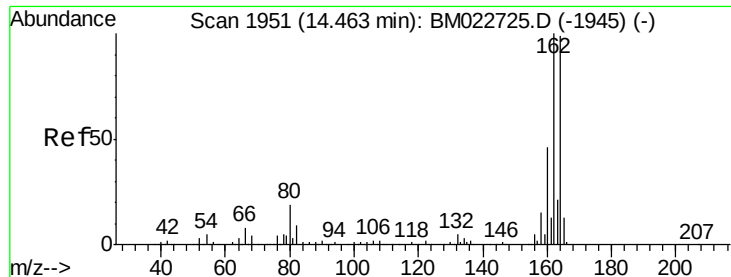
Tot Ion:142 Resp: 1154402
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3
115 32.8 26.1 39.1



#38
1-Methylnaphthalene
Concen: 37.548 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:142 Resp: 1071370
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.4
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

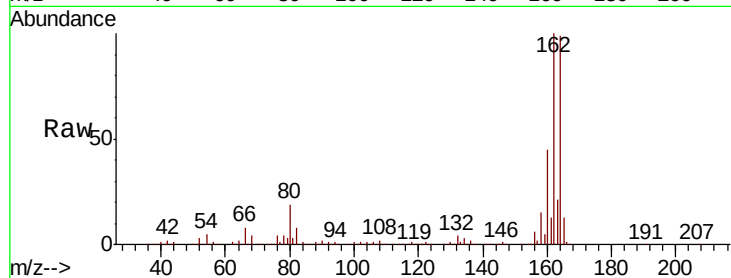
Tot Ion:164 Resp: 478058

Ion Ratio Lower Upper

164 100

162 100.7 81.1 121.7

160 45.5 36.9 55.3

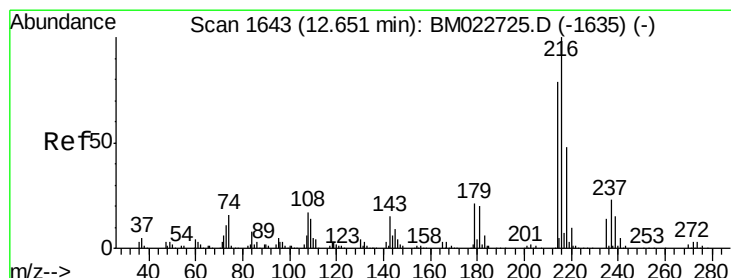
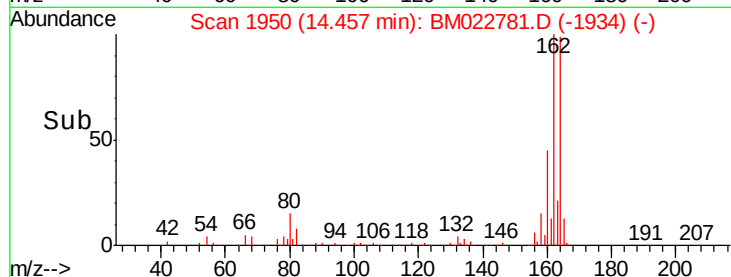
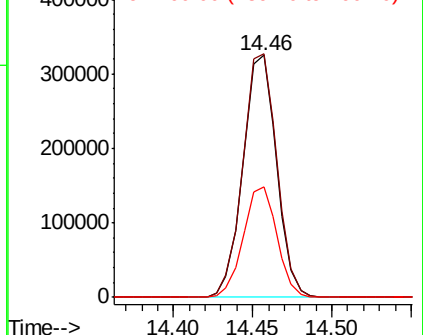


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.041 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:216 Resp: 583815

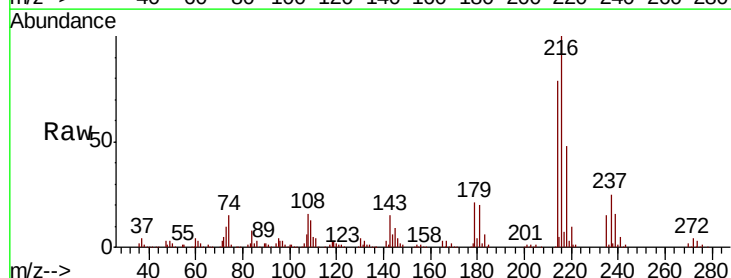
Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

179 20.6 16.6 24.8

108 17.6 14.2 21.4



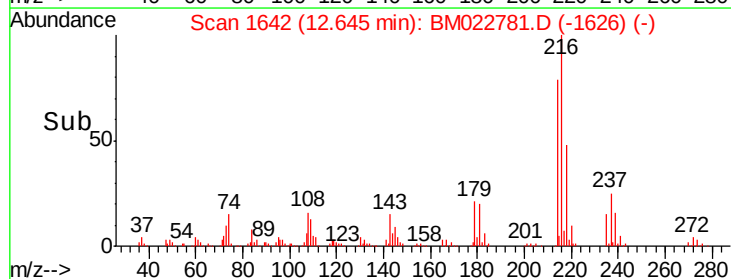
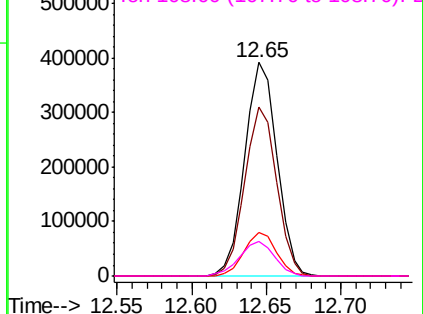
Abundance

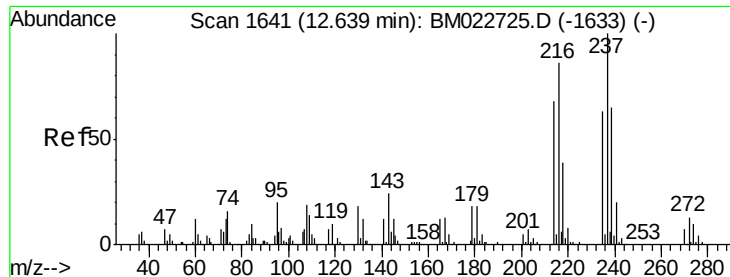
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.561 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

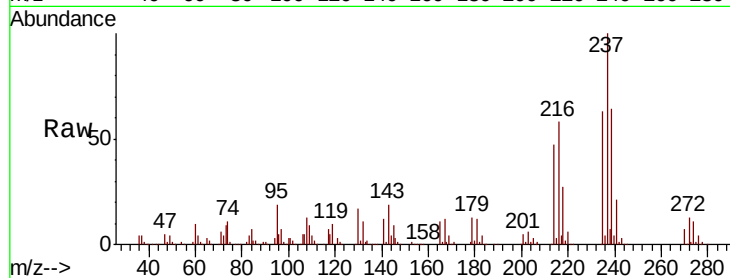
Tot Ion: 237 Resp: 402675

Ion Ratio Lower Upper

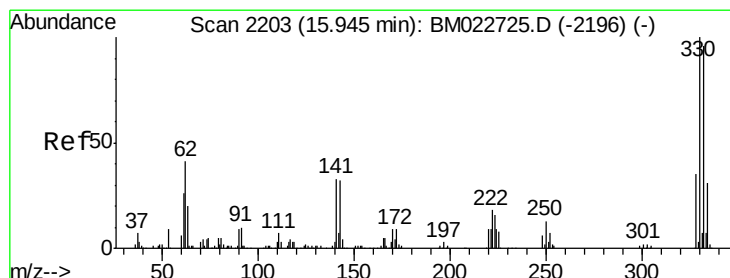
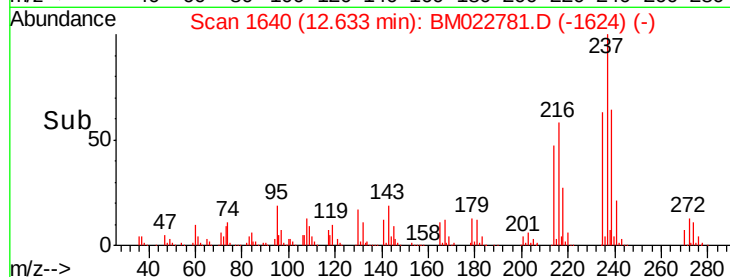
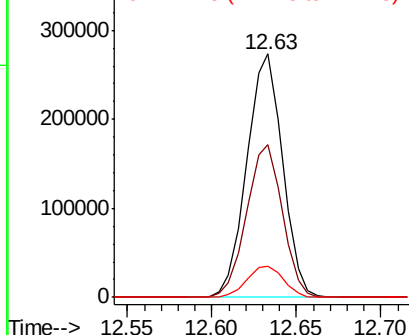
237 100

235 62.6 43.3 83.3

272 12.8 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: 106.776 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

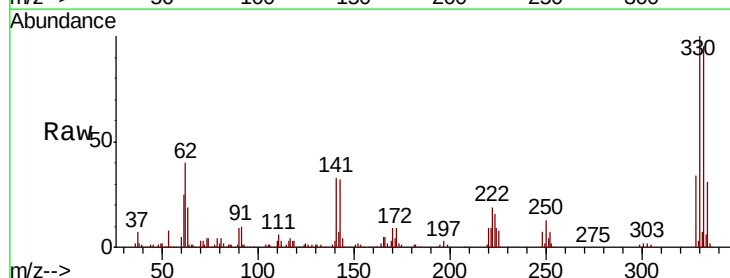
Tgt Ion: 330 Resp: 637215

Ion Ratio Lower Upper

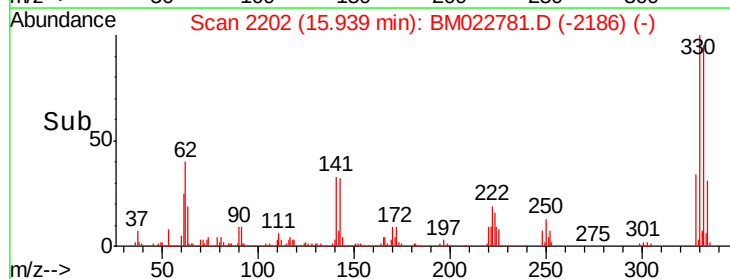
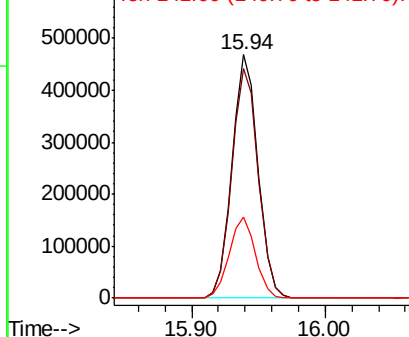
330 100

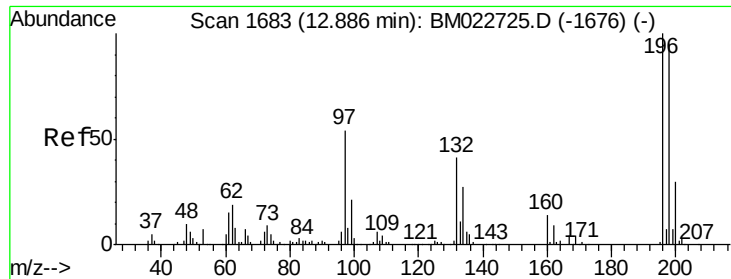
332 96.1 76.9 115.3

141 33.7 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

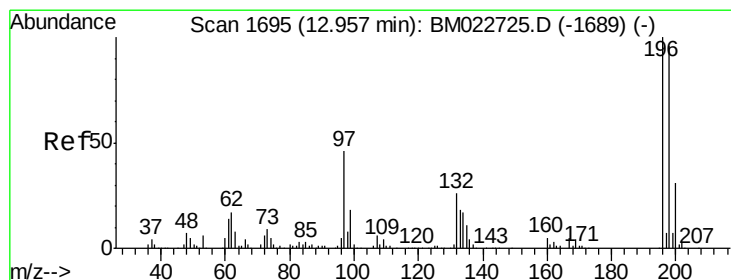
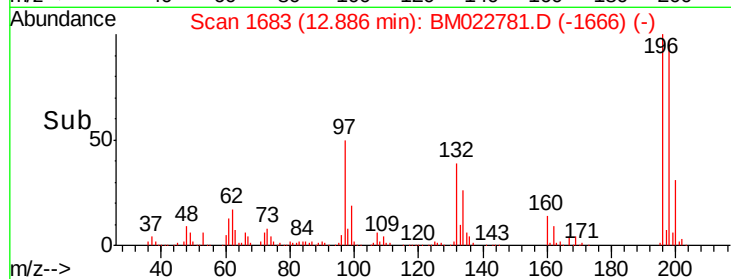
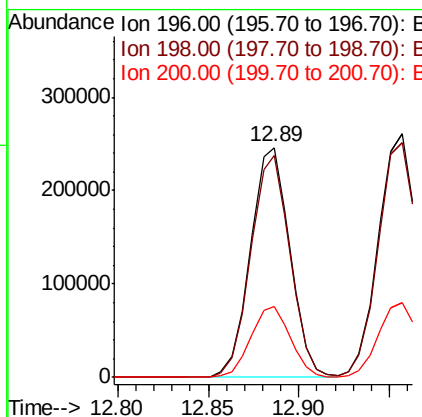
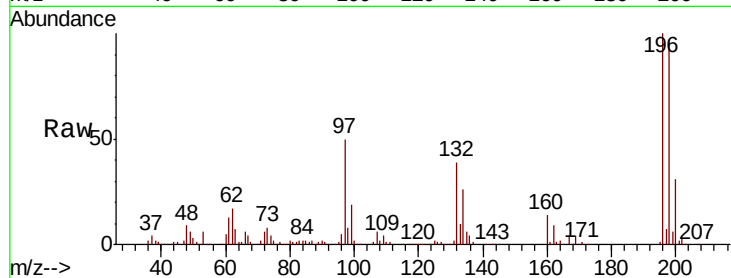




#43
 2,4,6-Trichlorophenol
 Concen: 39.794 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

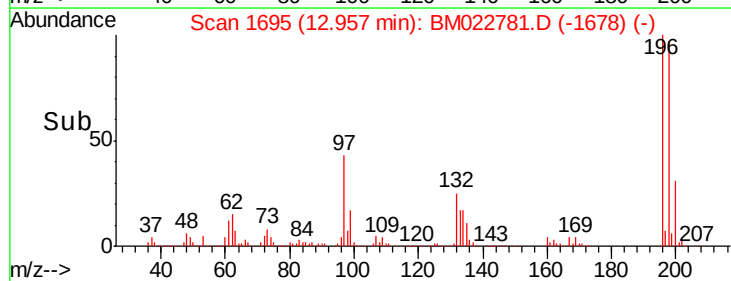
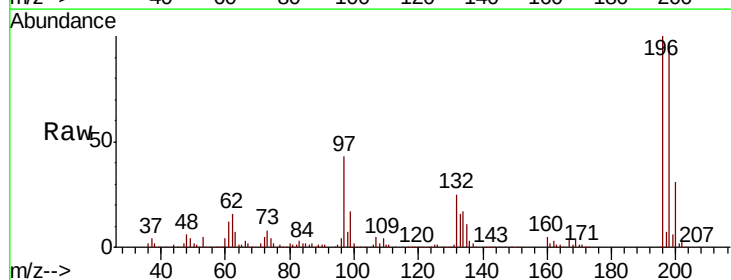
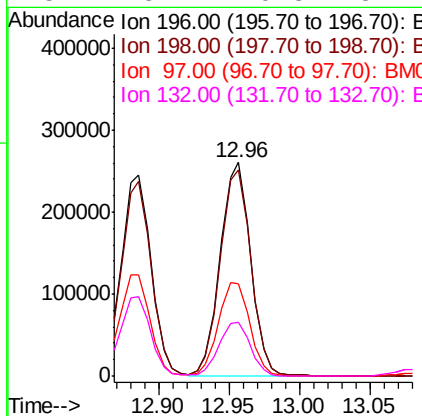
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

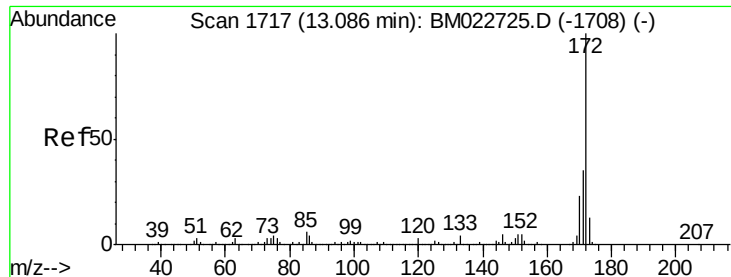
Tot Ion	196	Resp	372045
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.3	114.5
200	30.9	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.871 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	196	Resp	388445
Ion Ratio	Lower	Upper	
196	100		
198	96.6	77.0	115.4
97	43.3	37.2	55.8
132	25.1	20.8	31.2

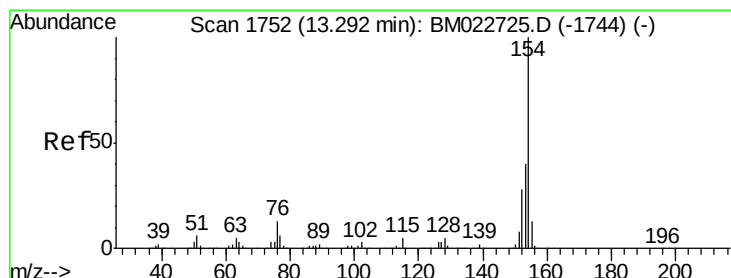
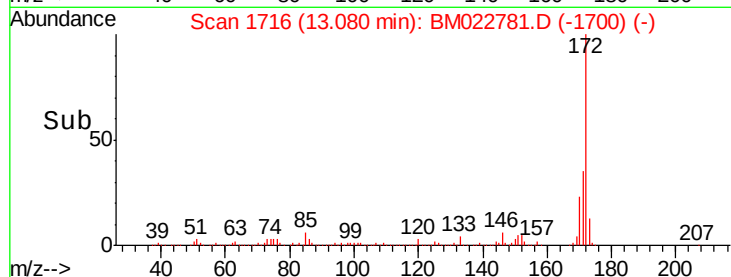
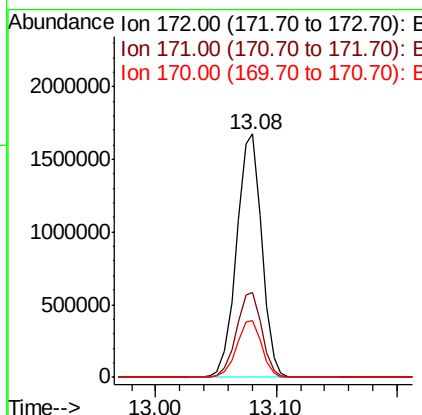
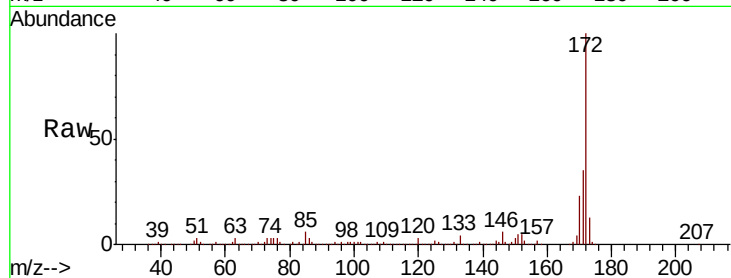




#45
2-Fluorobiphenyl
Concen: 70.032 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

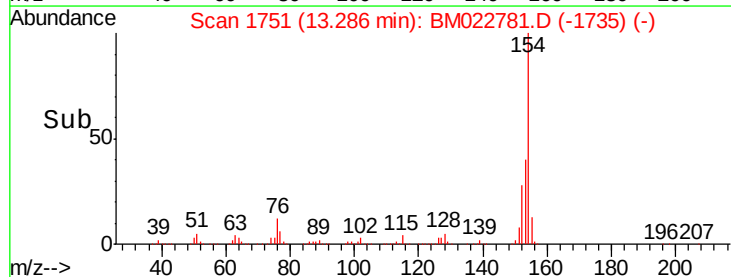
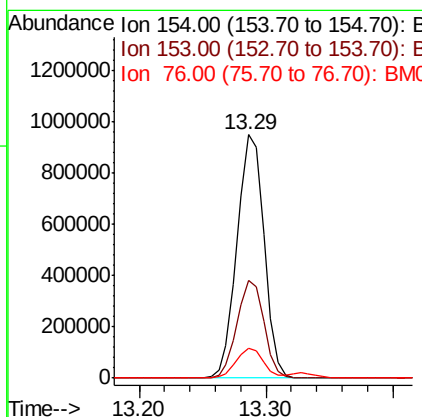
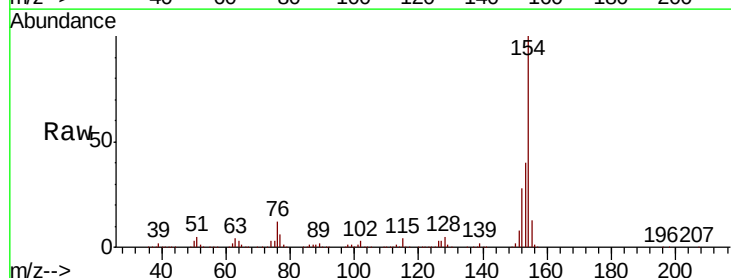
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

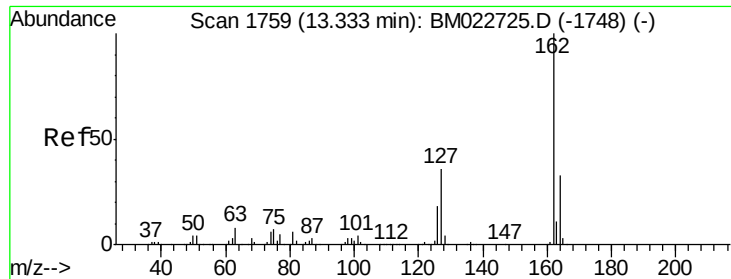
Tot Ion:172 Resp: 2431246
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.3 18.7 28.1



#46
1,1'-Biphenyl
Concen: 35.294 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:154 Resp: 1396428
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 12.3 0.0 32.6

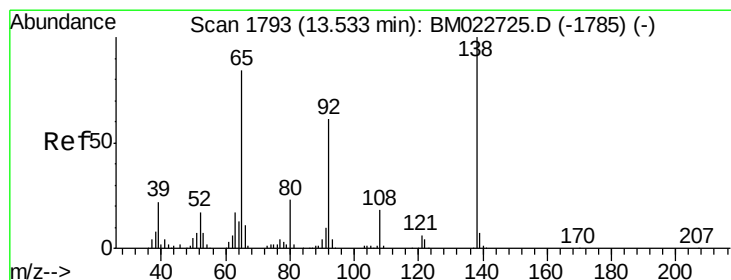
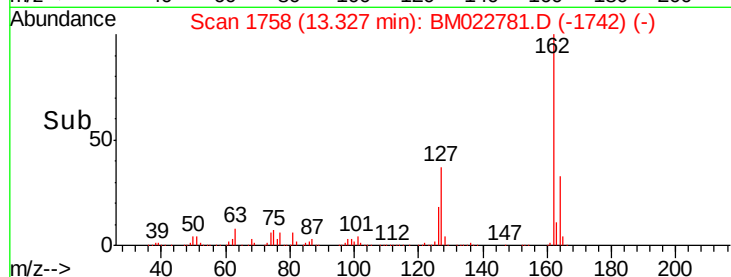
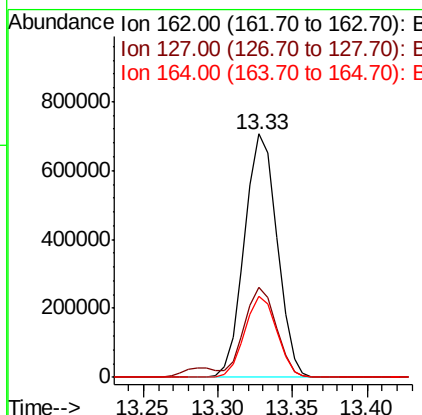
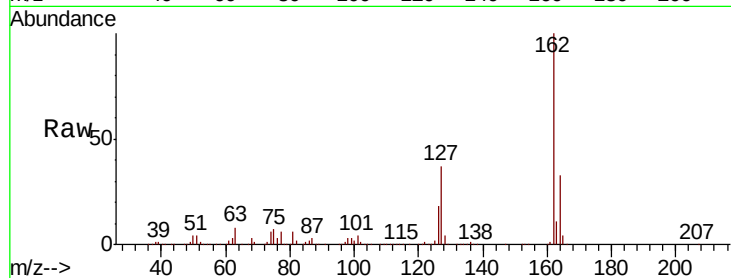




#47
2-Chloronaphthalene
Concen: 36.344 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

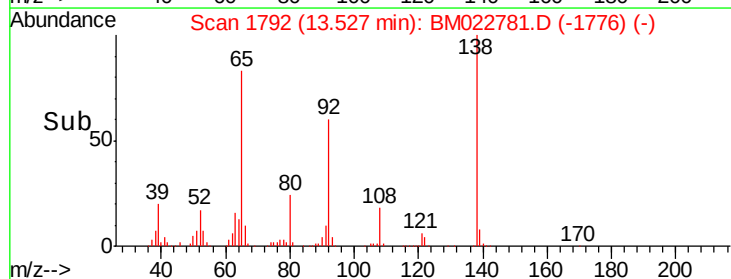
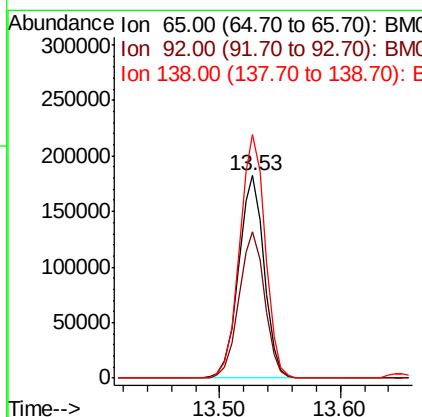
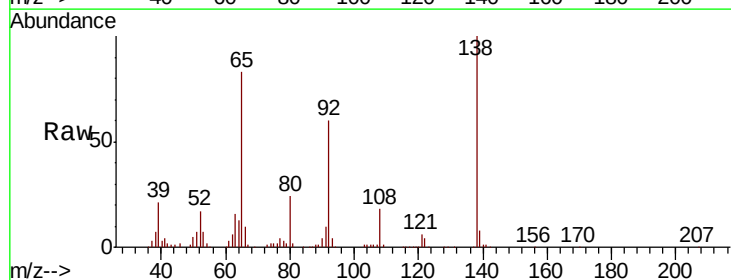
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

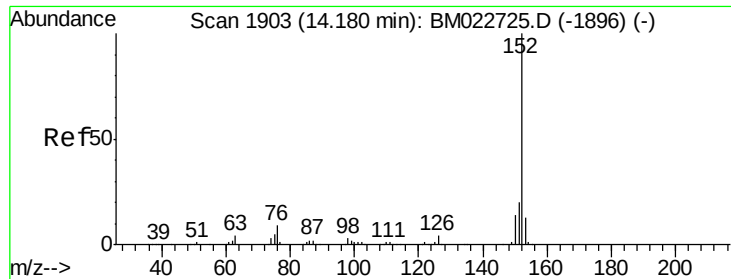
Tot Ion:162 Resp: 1071778
Ion Ratio Lower Upper
162 100
127 37.2 29.0 43.6
164 33.2 26.0 39.0



#48
2-Nitroaniline
Concen: 35.048 ng
RT: 13.53 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion: 65 Resp: 269135
Ion Ratio Lower Upper
65 100
92 72.6 58.6 87.8
138 120.5 95.4 143.0





#49

Acenaphthylene

Concen: 41.238 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

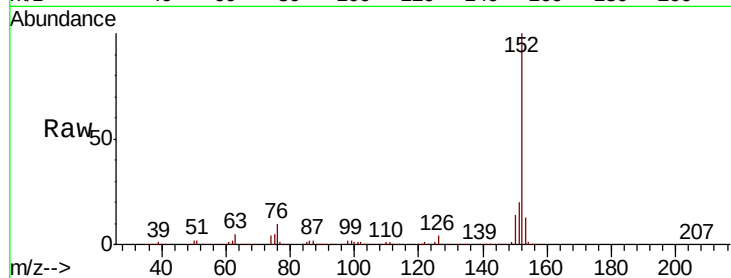
Tot Ion:152 Resp: 1800856

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

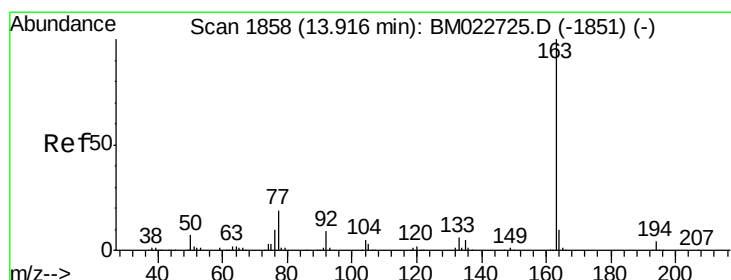
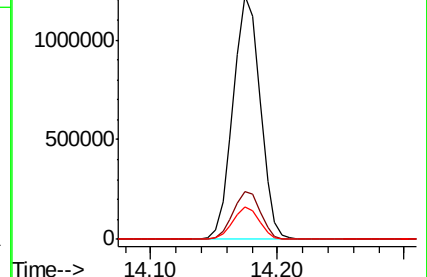
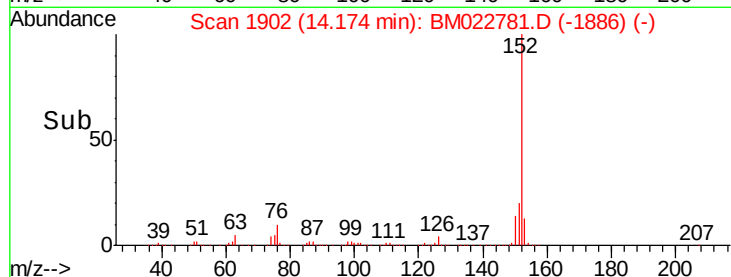
153 13.2 10.5 15.7



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: 44.414 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

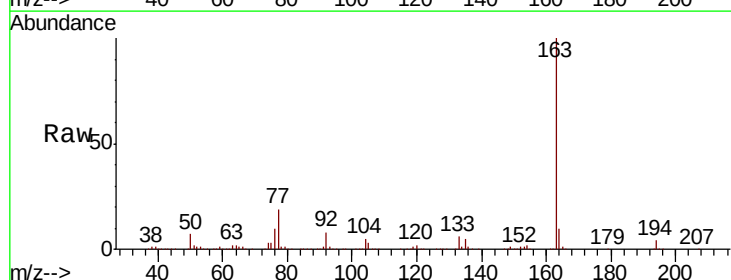
Tgt Ion:163 Resp: 1534409

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

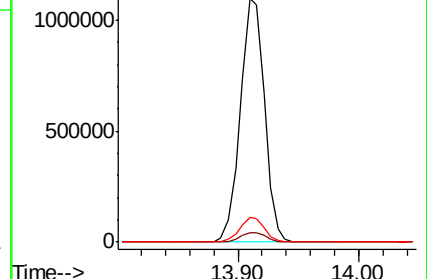
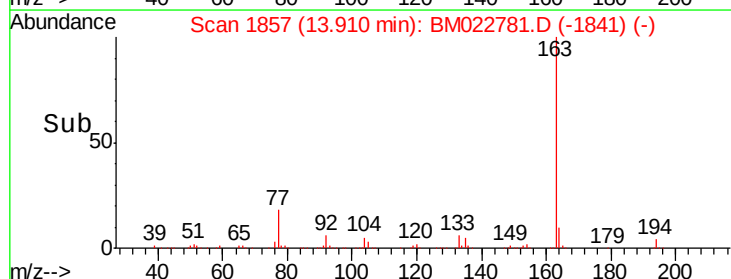
164 10.3 8.2 12.2

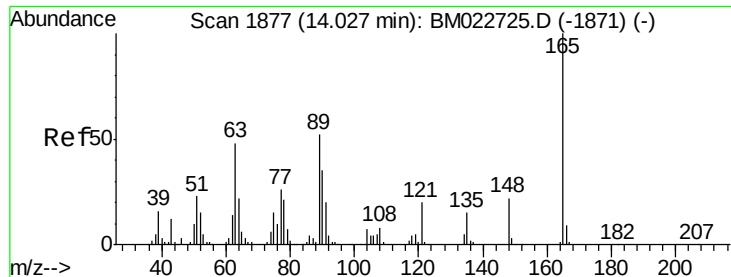


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

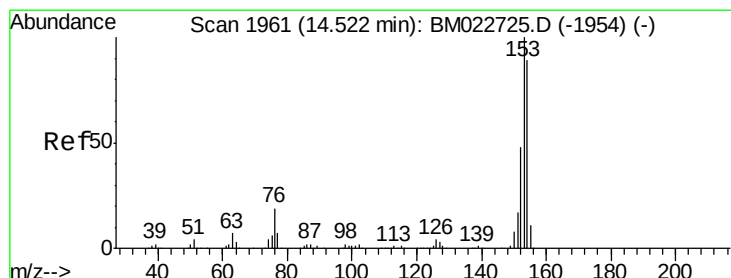
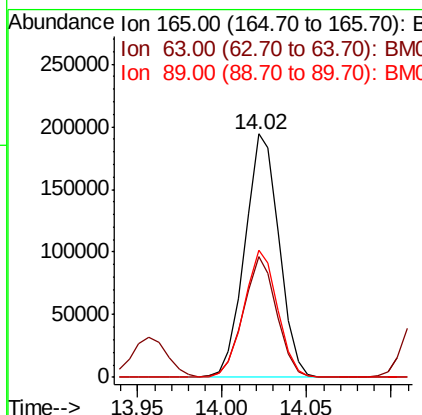
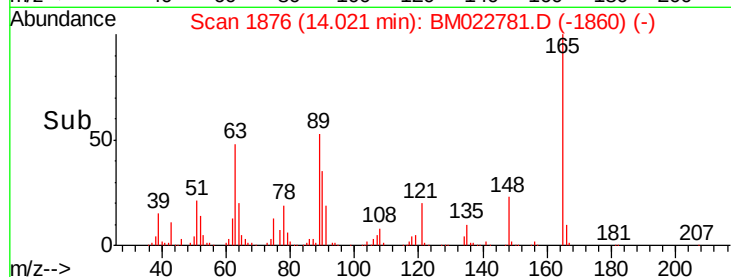
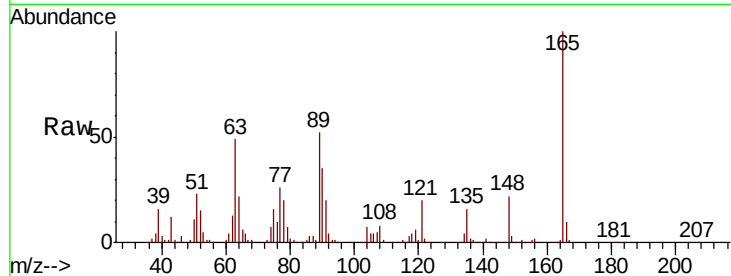




#51
2,6-Dinitrotoluene
Concen: 37.891 ng
RT: 14.02 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

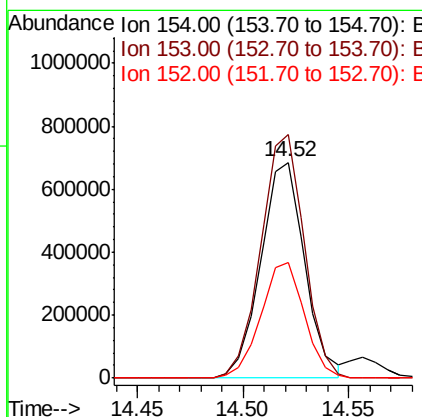
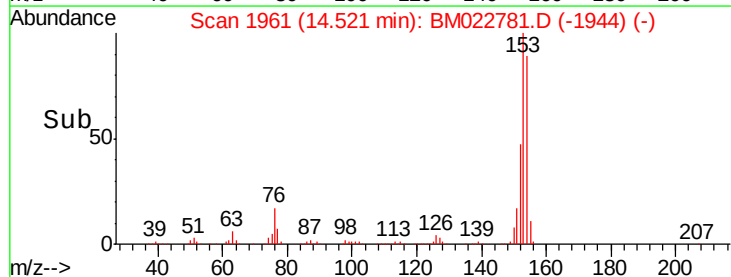
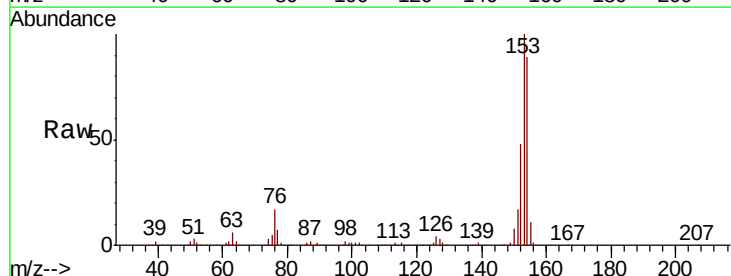
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

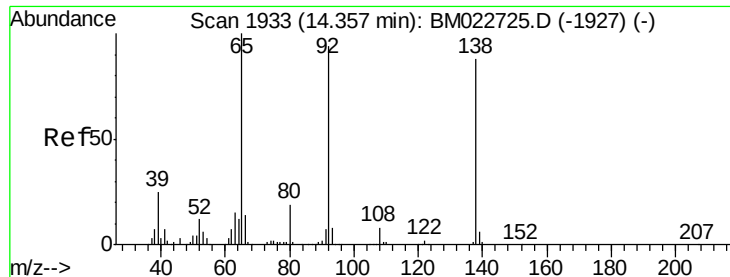
Tot Ion:165 Resp: 273820
Ion Ratio Lower Upper
165 100
63 49.5 38.6 58.0
89 52.2 41.6 62.4



#52
Acenaphthene
Concen: 34.680 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:154 Resp: 990823
Ion Ratio Lower Upper
154 100
153 113.0 90.0 135.0
152 53.8 42.9 64.3

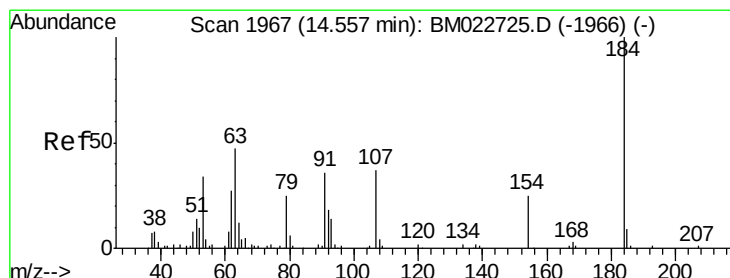
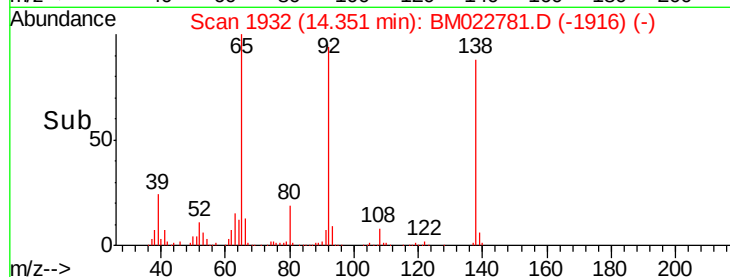
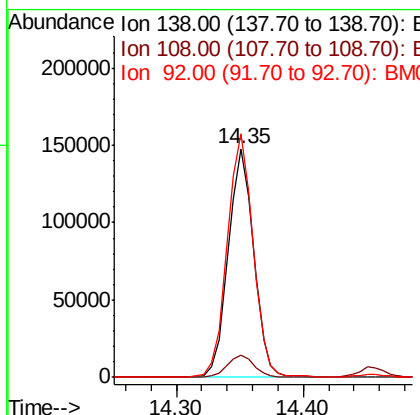
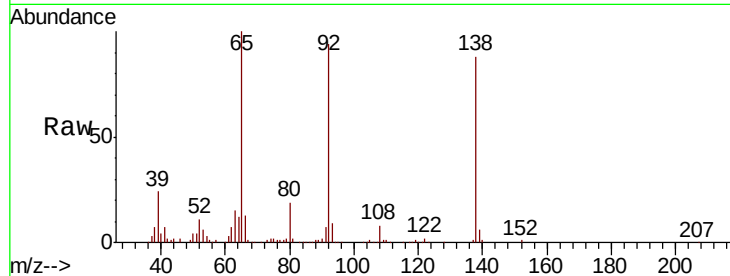




#53
 3-Nitroaniline
 Concen: 24.651 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

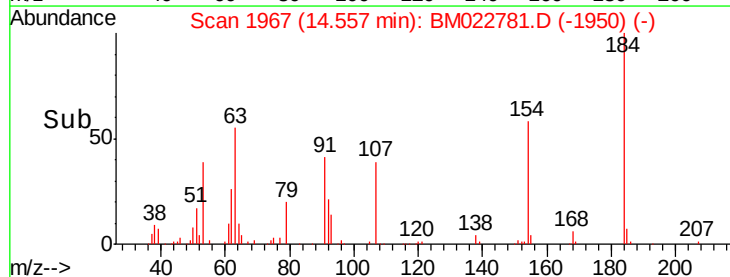
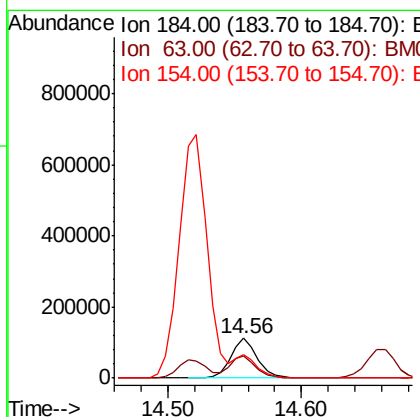
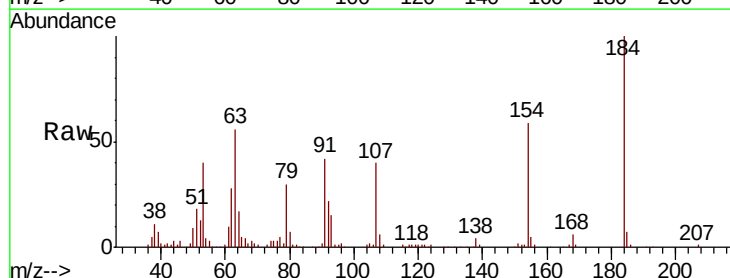
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

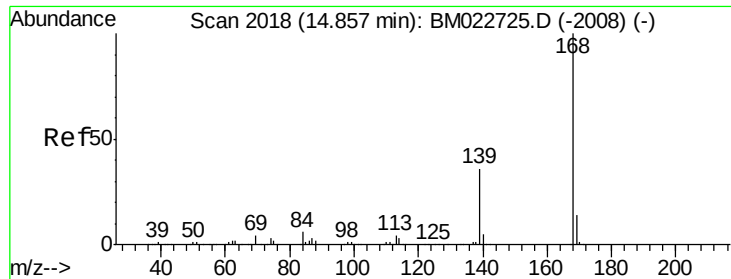
Tot Ion:138 Resp: 205080
 Ion Ratio Lower Upper
 138 100
 108 9.6 7.3 10.9
 92 106.5 86.3 129.5



#54
 2,4-Dinitrophenol
 Concen: 42.717 ng
 RT: 14.56 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion:184 Resp: 153368
 Ion Ratio Lower Upper
 184 100
 63 56.0 48.5 72.7
 154 58.9 48.1 72.1

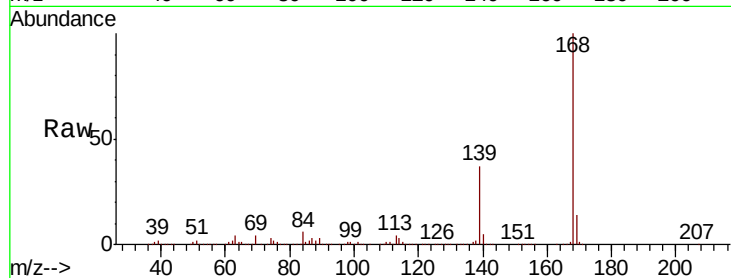




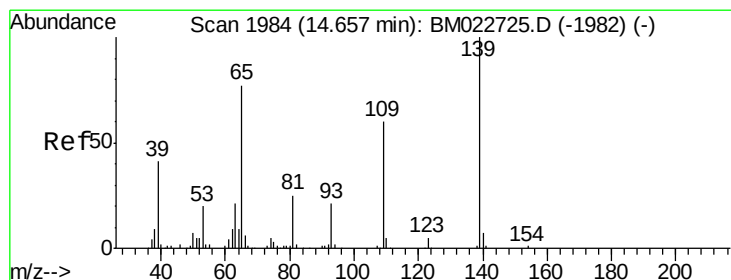
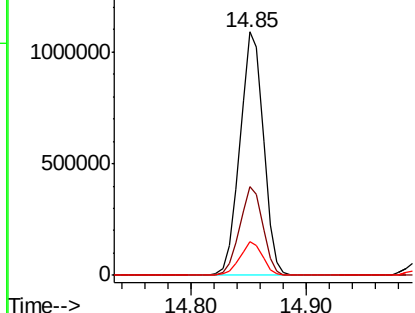
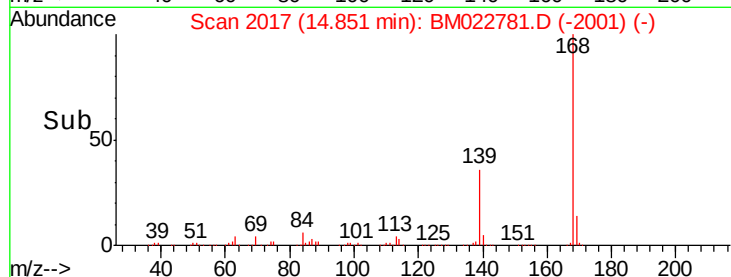
#55
Dibenzofuran
Concen: 36.817 ng
RT: 14.85 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion:168 Resp: 1535624
Ion Ratio Lower Upper
168 100
139 36.5 28.8 43.2
169 13.6 10.9 16.3

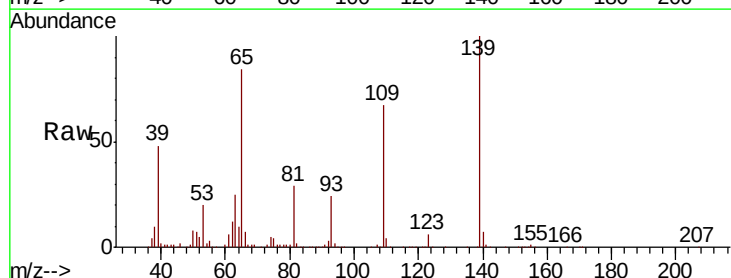


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

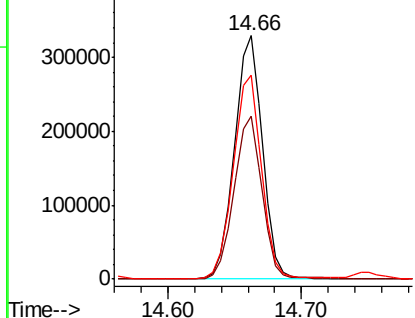
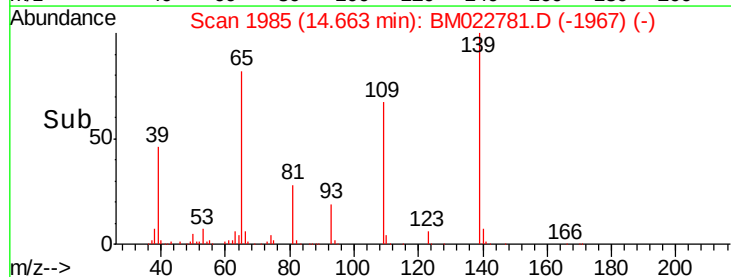


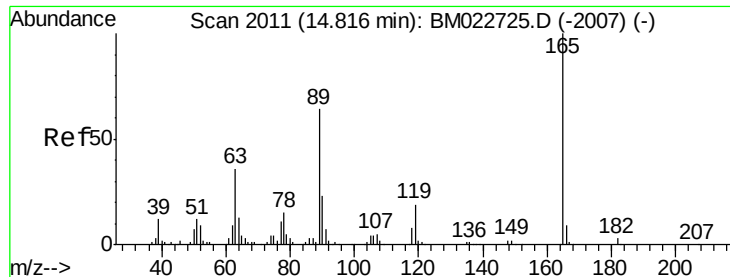
#56
4-Nitrophenol
Concen: 75.263 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:139 Resp: 481264
Ion Ratio Lower Upper
139 100
109 66.7 44.8 84.8
65 83.6 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

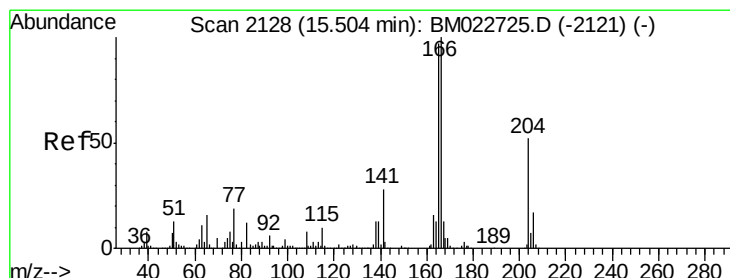
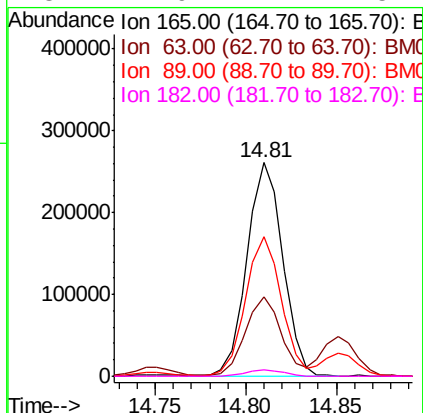
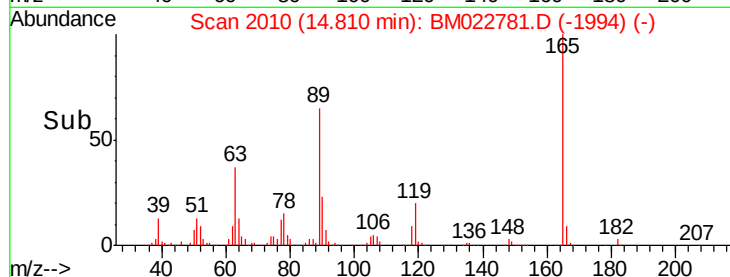
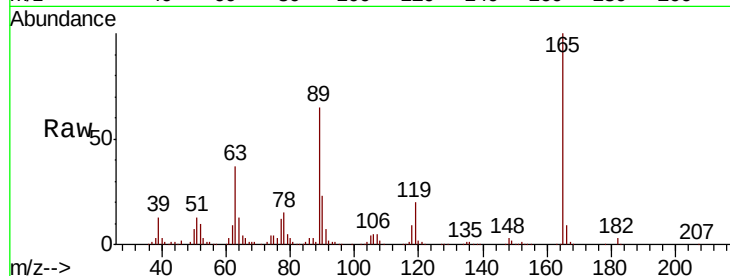




#57
2,4-Dinitrotoluene
Concen: 37.560 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

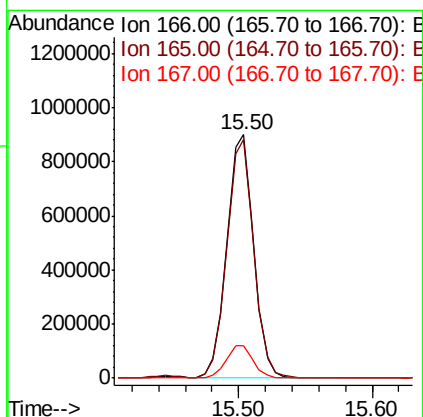
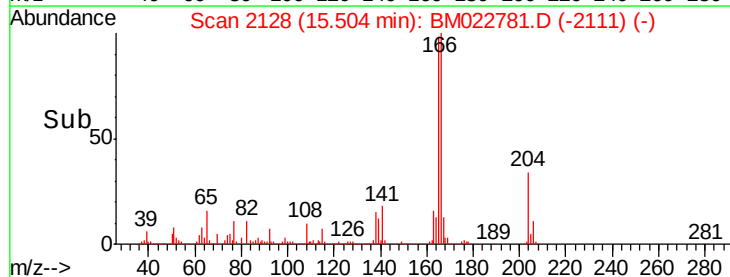
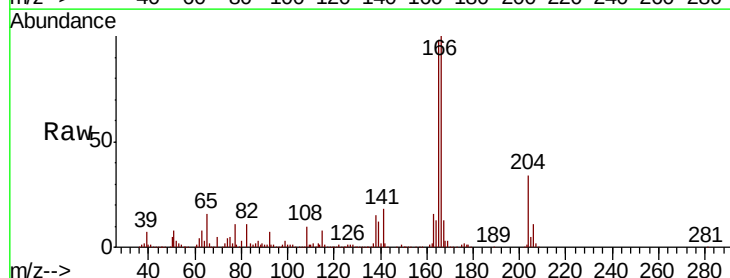
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

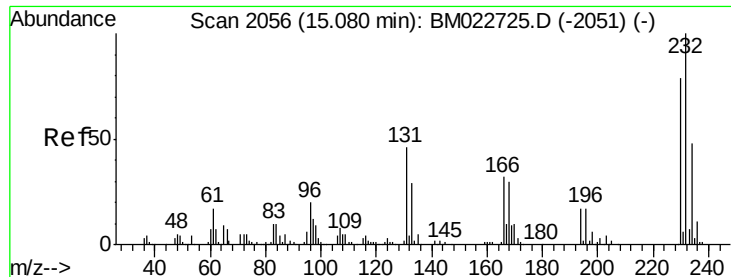
Tot Ion:	165	Resp:	355592
Ion	Ratio	Lower	Upper
165	100		
63	36.9	30.1	45.1
89	65.3	52.5	78.7
182	2.9	2.2	3.4



#58
Fluorene
Concen: 37.255 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:	166	Resp:	1262711
Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.6	116.4
167	13.4	10.8	16.2

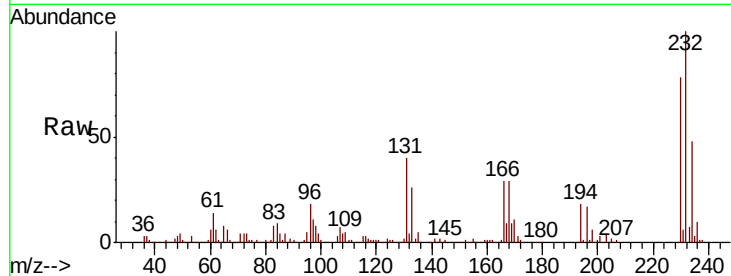




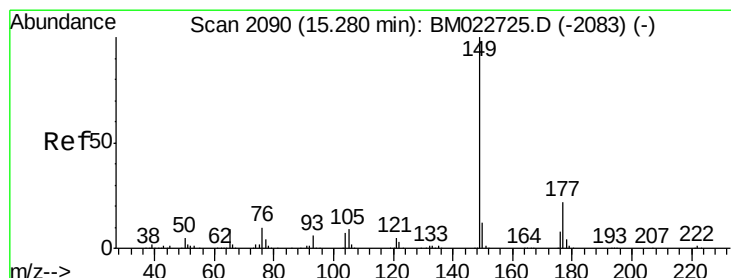
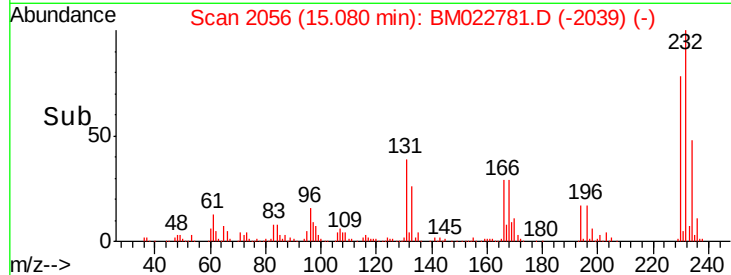
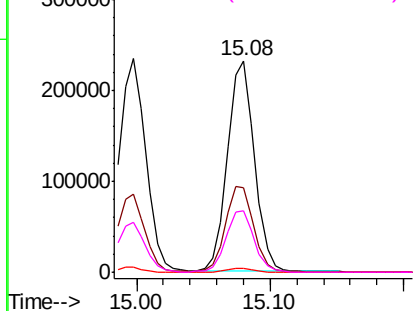
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.681 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion:	232	Resp:	328662
Ion	Ratio	Lower	Upper
232	100		
131	42.2	36.3	54.5
130	2.3	1.8	2.8
166	30.2	25.0	37.4

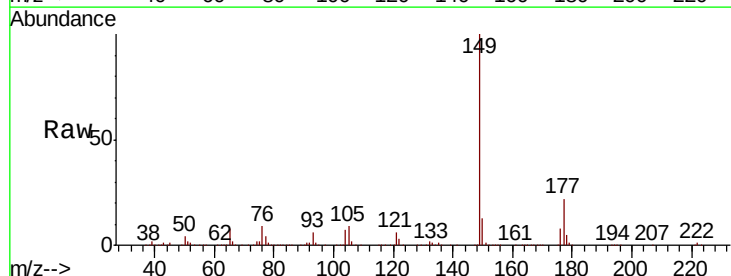


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

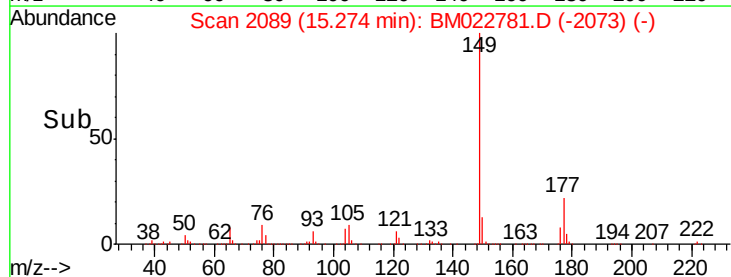
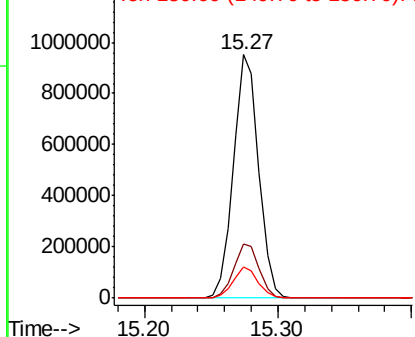


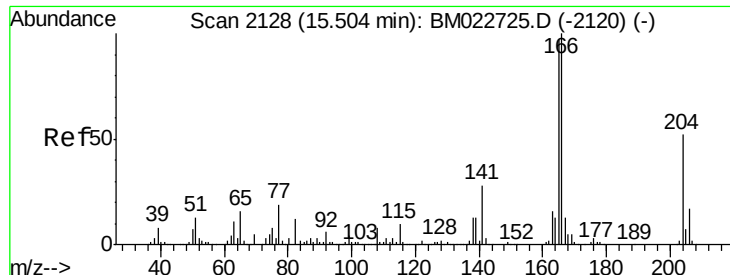
#60
 Diethylphthalate
 Concen: 37.107 ng
 RT: 15.27 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion:	149	Resp:	1246511
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.6	26.4
150	12.6	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

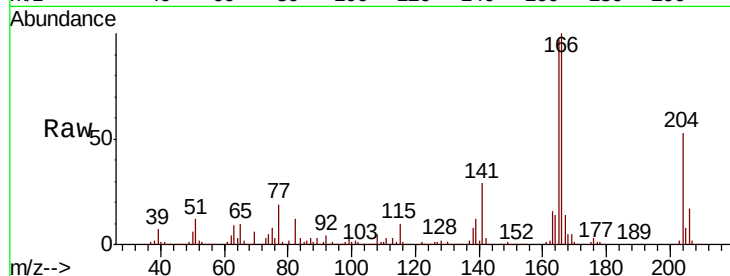




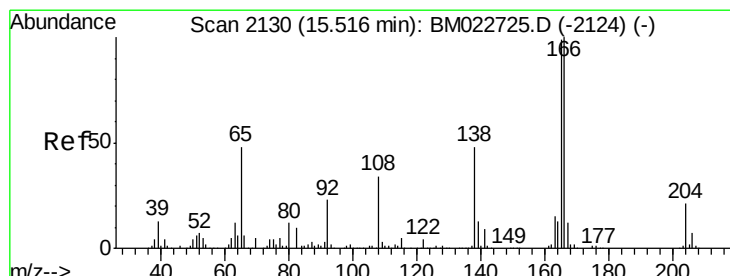
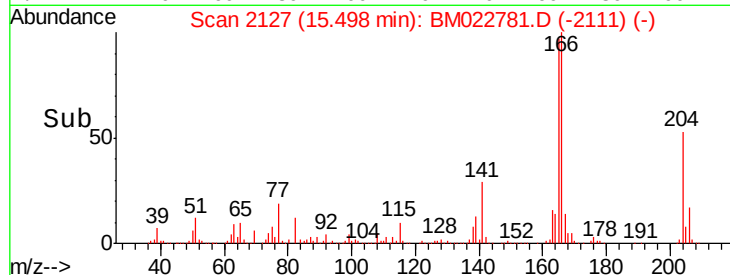
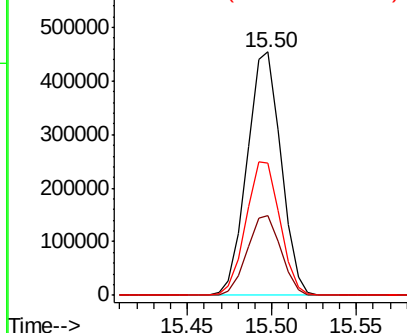
#61
 4-Chlorophenyl-phenylether
 Concen: 36.512 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion:204 Resp: 635864
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.2 39.4
 141 54.2 42.6 64.0

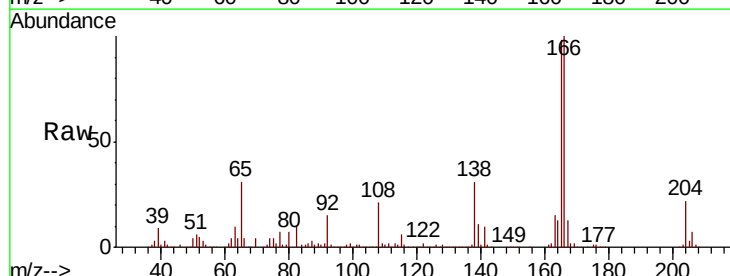


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

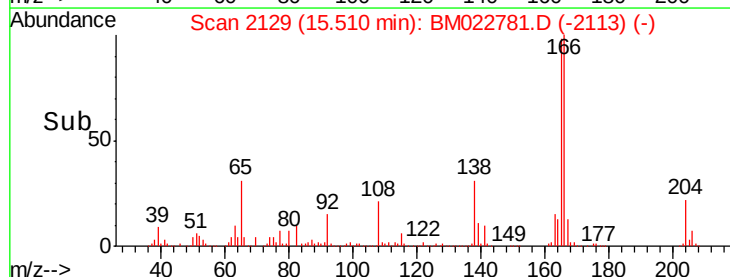
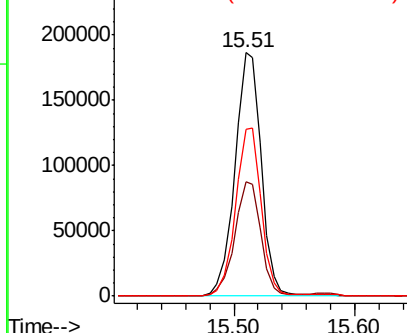


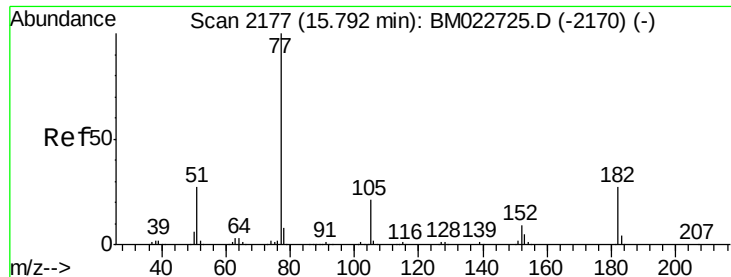
#62
 4-Nitroaniline
 Concen: 32.537 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion:138 Resp: 283795
 Ion Ratio Lower Upper
 138 100
 92 46.9 28.7 68.7
 108 68.7 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

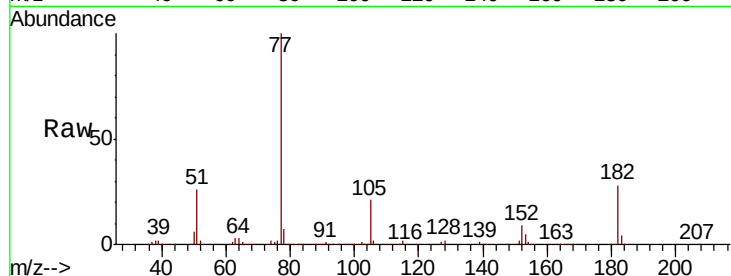




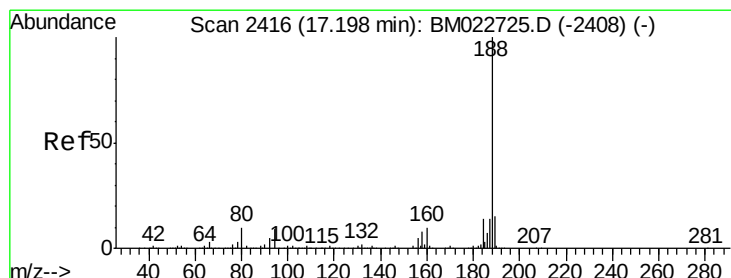
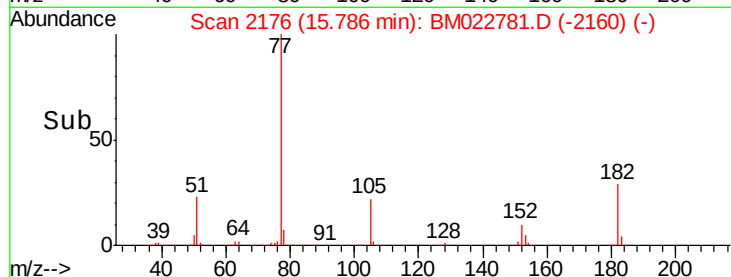
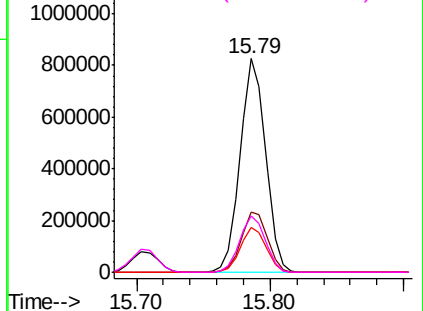
#63
Azobenzene
Concen: 35.754 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion:	77	Resp:	1084622
Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.0	47.0
105	21.2	0.9	40.9
51	26.2	6.6	46.6

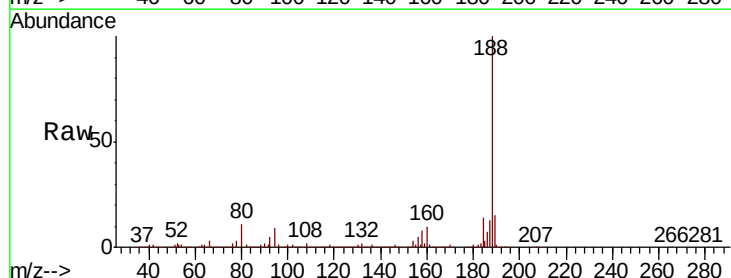


Abundance Ion 77.00 (76.70 to 77.70): BM022725.D (-2170) (-)
Ion 182.00 (181.70 to 182.70): BM022725.D (-2170) (-)
Ion 105.00 (104.70 to 105.70): BM022725.D (-2170) (-)
Ion 51.00 (50.70 to 51.70): BM022725.D (-2170) (-)

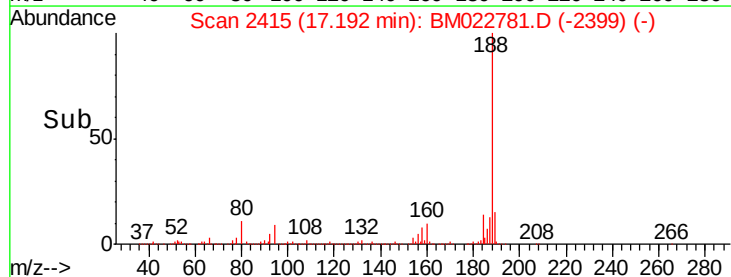
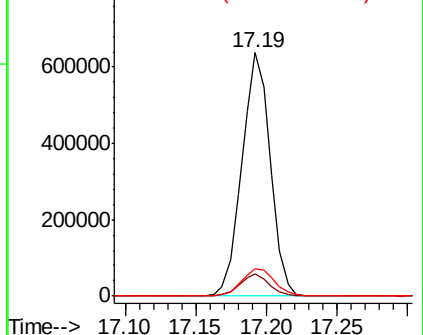


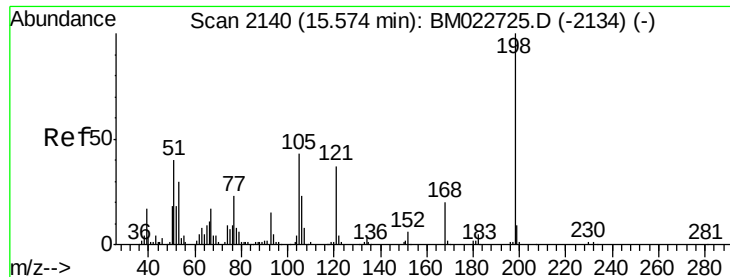
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:	188	Resp:	893833
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.3	10.9
80	11.0	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): BM022725.D (-2408) (-)
Ion 94.00 (93.70 to 94.70): BM022725.D (-2408) (-)
Ion 80.00 (79.70 to 80.70): BM022725.D (-2408) (-)

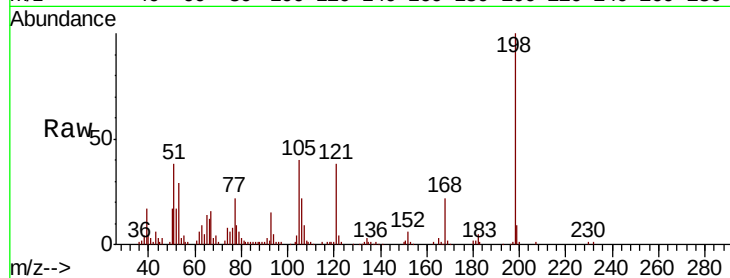




#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.864 ng
 RT: 15.57 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.5	21.0	61.0
105	40.3	22.5	62.5

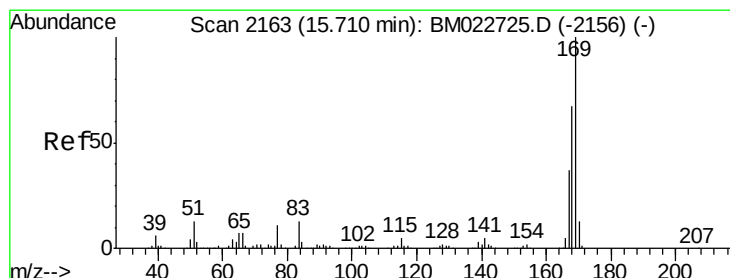
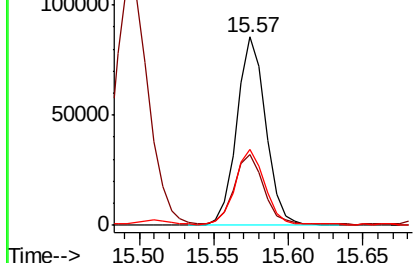
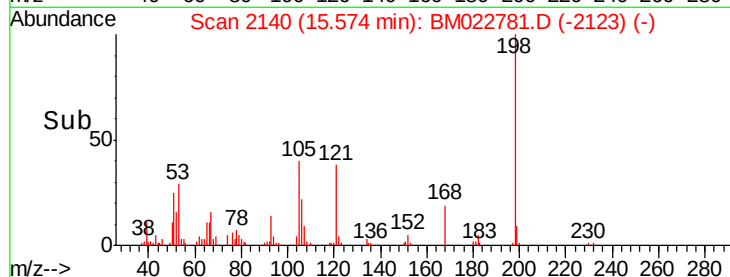


Abundance

Ion 198.00 (197.70 to 198.70): E

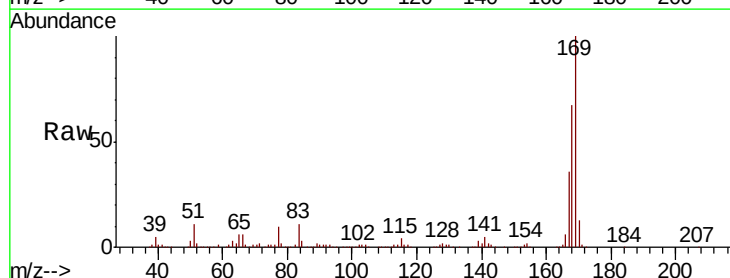
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 39.284 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.2
167	36.0	29.3	43.9

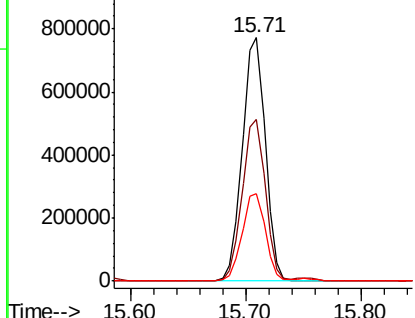
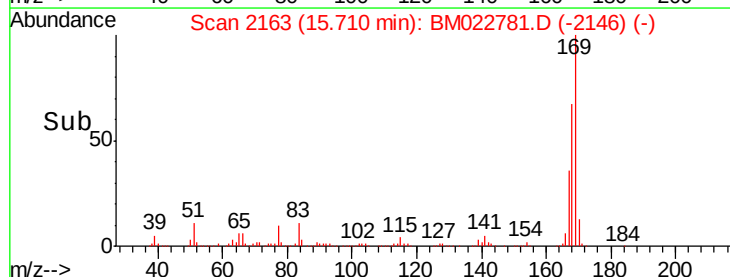


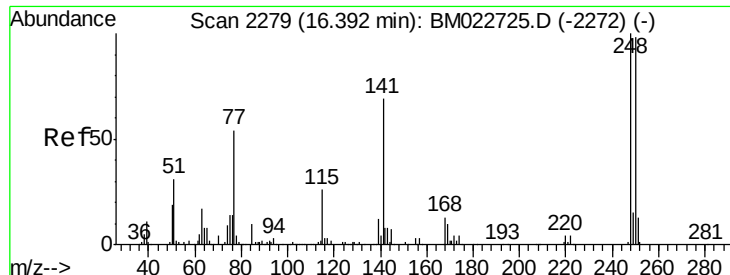
Abundance

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

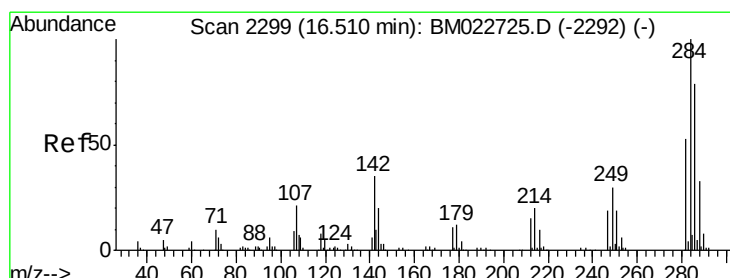
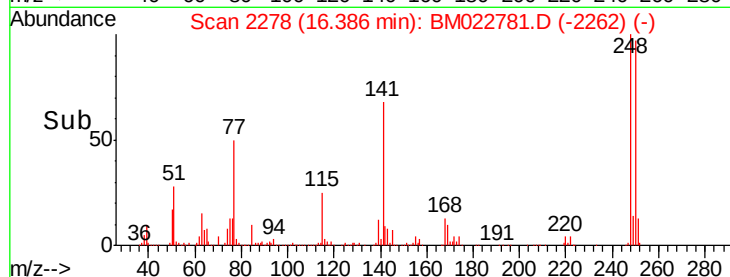
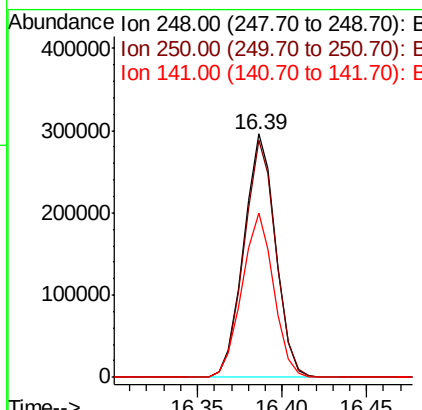
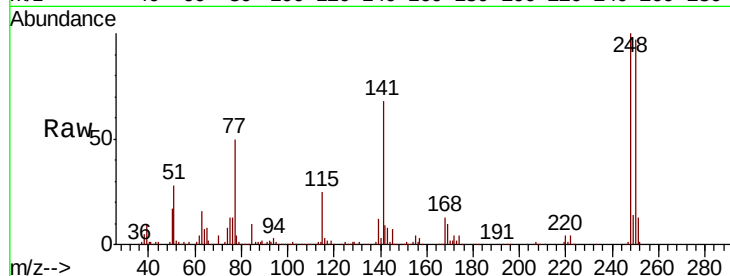




#67
 4-Bromophenyl-phenylether
 Concen: 39.029 ng
 RT: 16.39 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

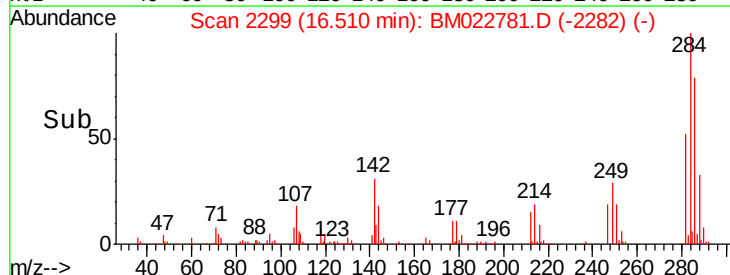
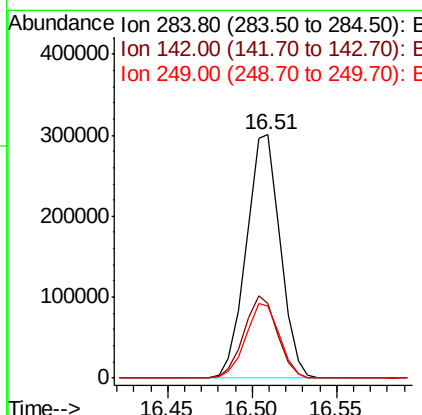
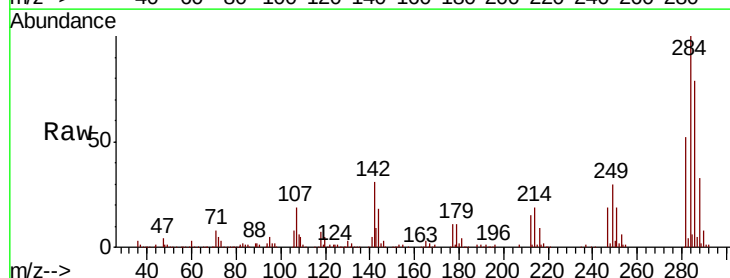
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

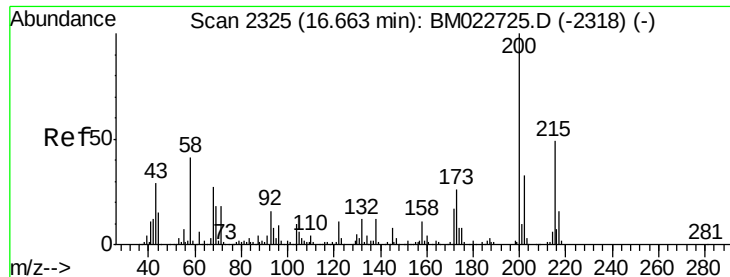
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	67.7	55.1	82.7



#68
 Hexachlorobenzene
 Concen: 36.318 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	27.8	41.8
249	29.7	24.4	36.6





#69

Atrazine

Concen: 36.124 ng

RT: 16.66 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

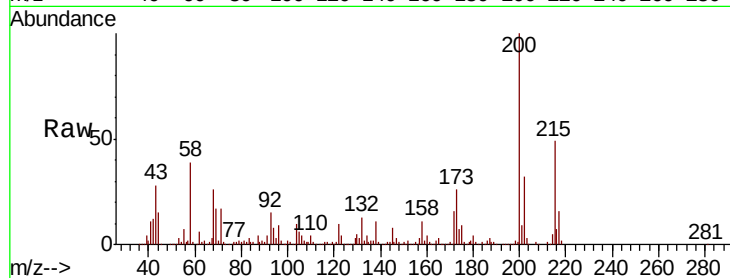
Tot Ion:200 Resp: 320670

Ion Ratio Lower Upper

200 100

173 25.7 5.8 45.8

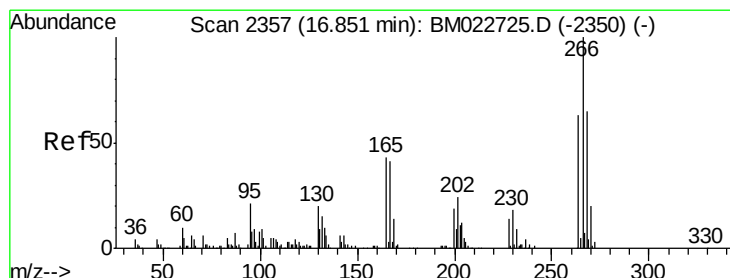
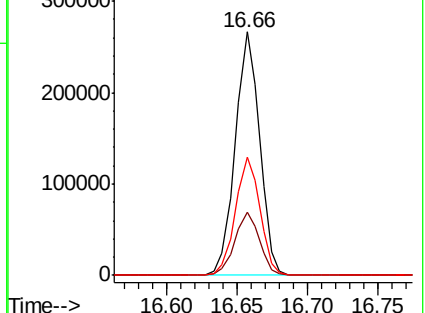
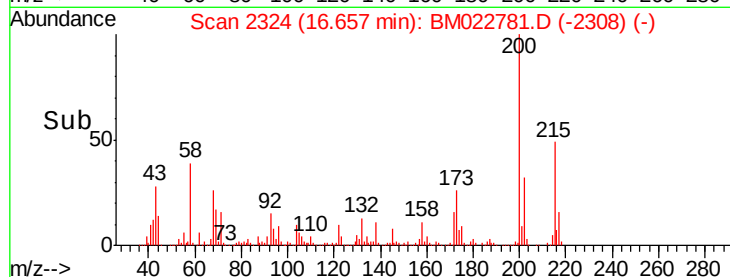
215 48.6 29.2 69.2



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: 83.039 ng

RT: 16.84 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

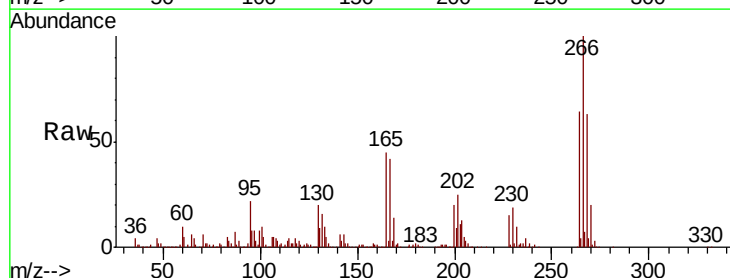
Tgt Ion:266 Resp: 513427

Ion Ratio Lower Upper

266 100

268 63.5 51.8 77.6

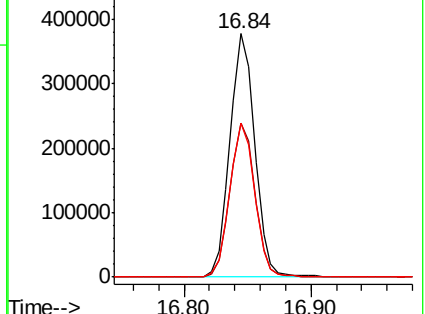
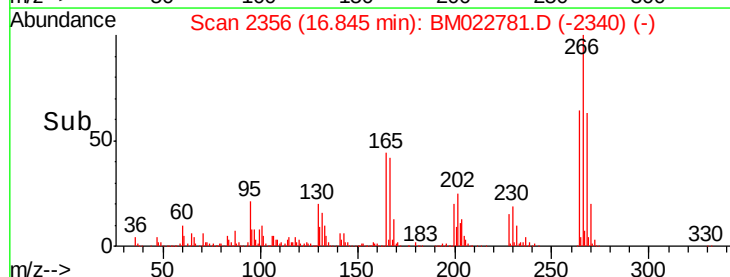
264 63.5 50.2 75.4

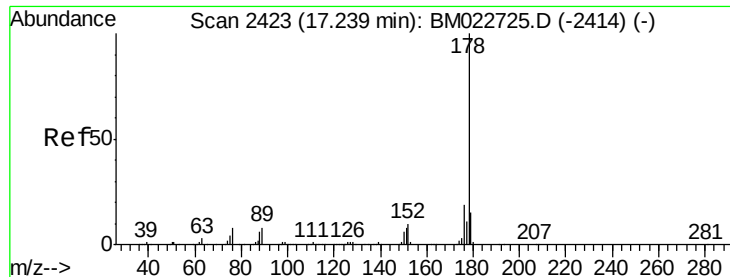


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

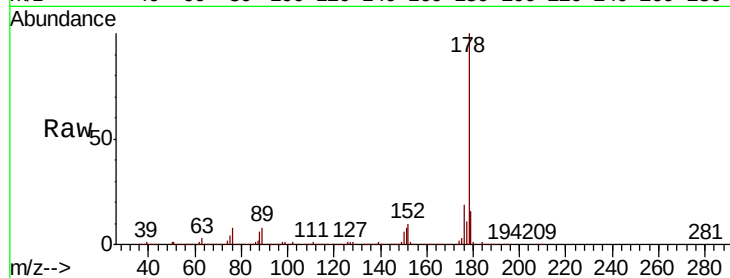




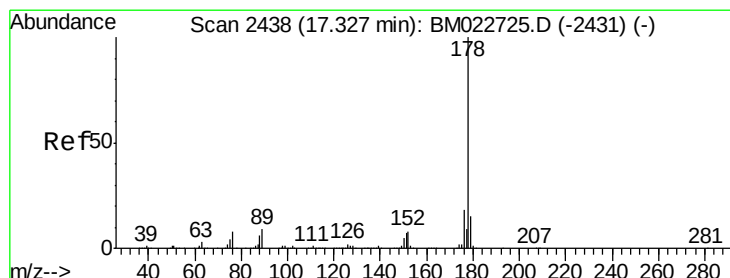
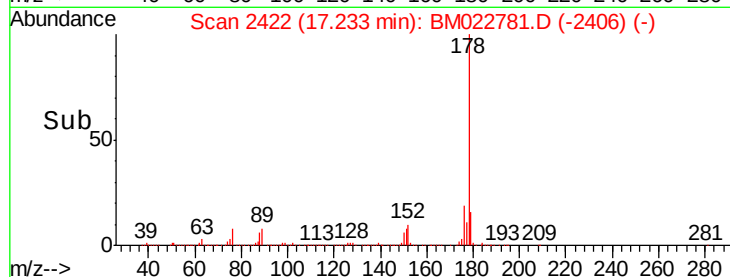
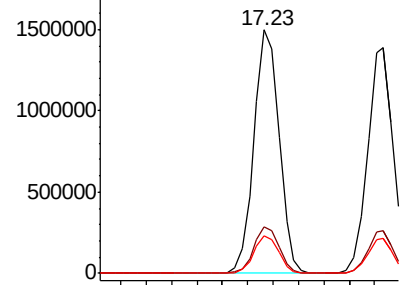
#71
Phenanthrene
Concen: 41.064 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion:178 Resp: 2071048
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.7 12.3 18.5

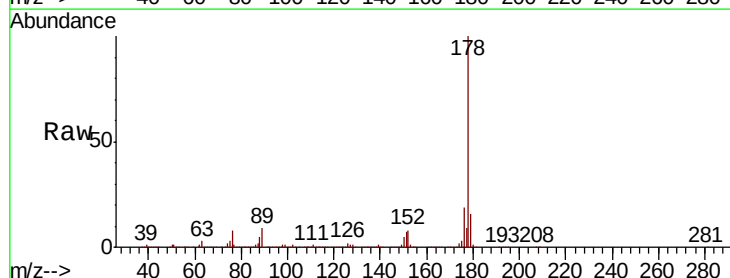


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

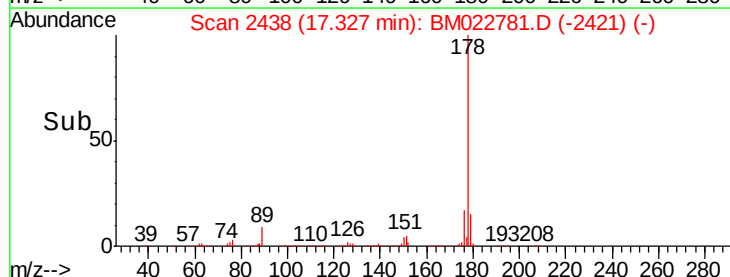
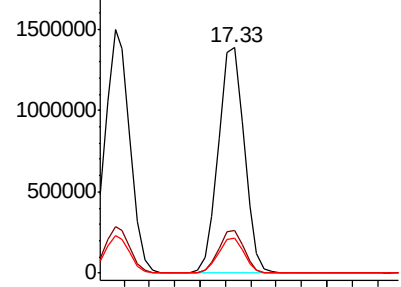


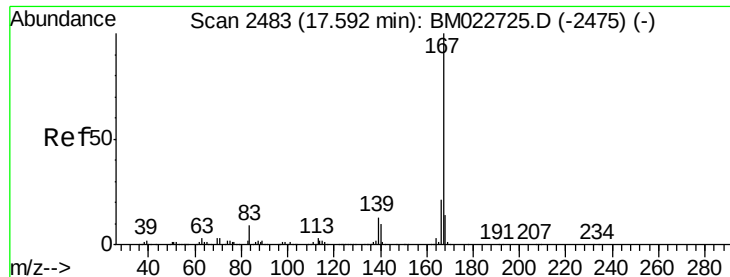
#72
Anthracene
Concen: 40.072 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:178 Resp: 1958713
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

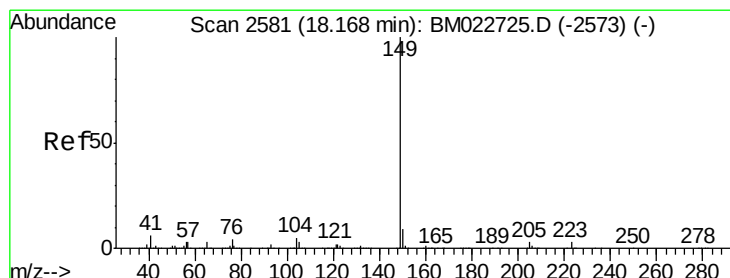
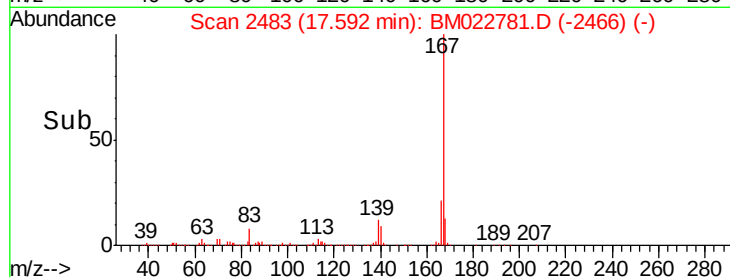
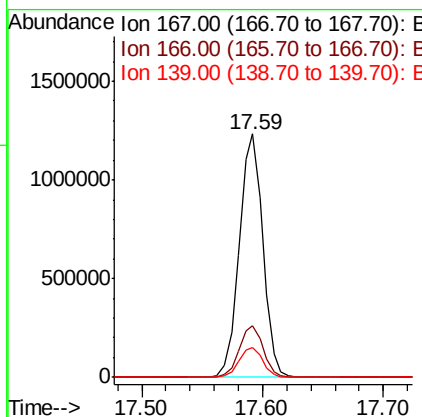
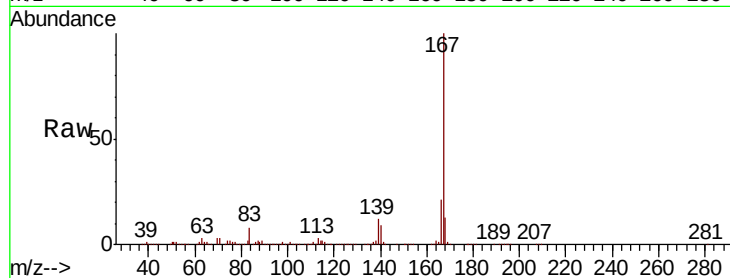




#73
 Carbazole
 Concen: 36.861 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

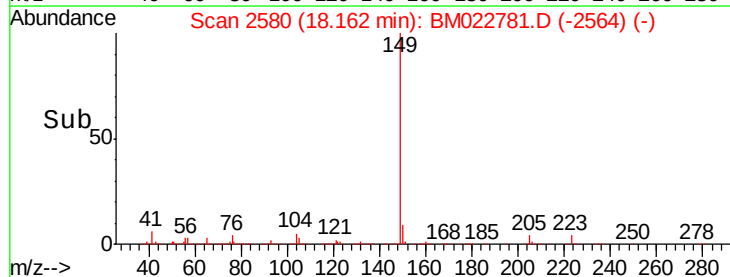
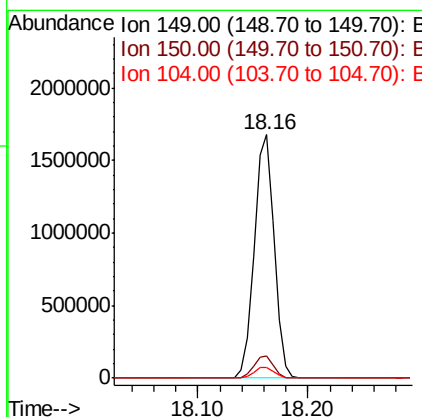
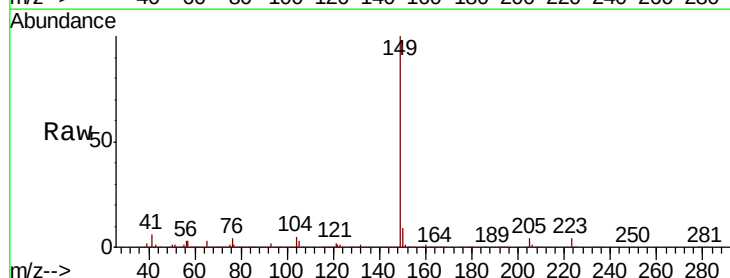
Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

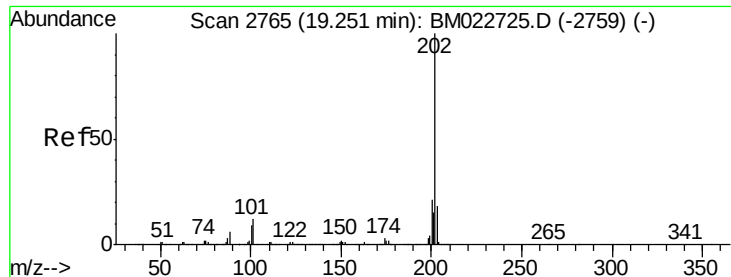
Tot Ion:167 Resp: 1676614
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 12.4 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 40.849 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion:149 Resp: 2106781
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 42.569 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

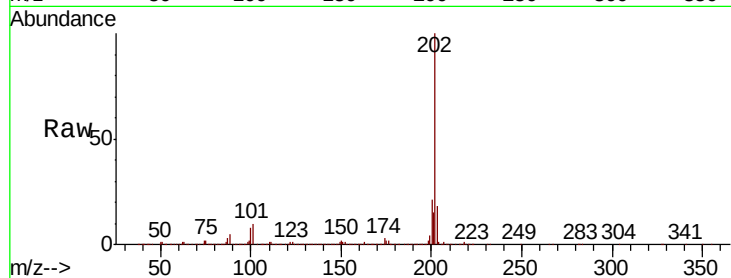
Tot Ion:202 Resp: 2422730

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.1

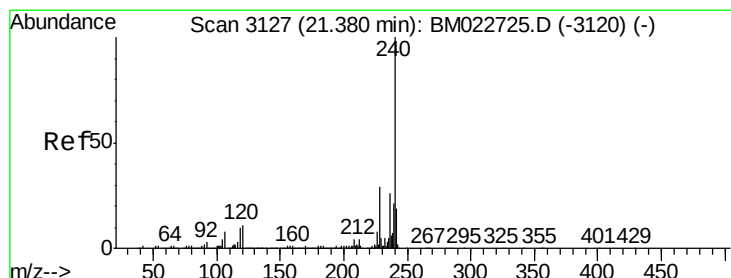
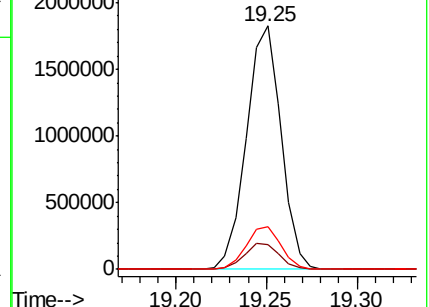
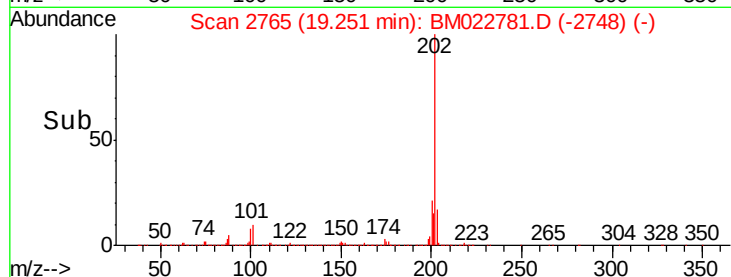
203 17.6 0.0 37.7



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: BM022781.D

Acq: 25 Sep 2019 20:57

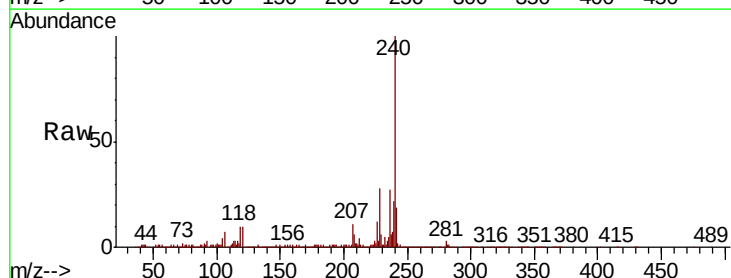
Tgt Ion:240 Resp: 926533

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

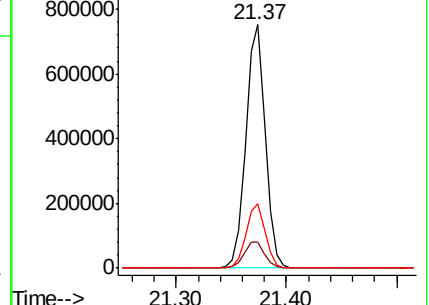
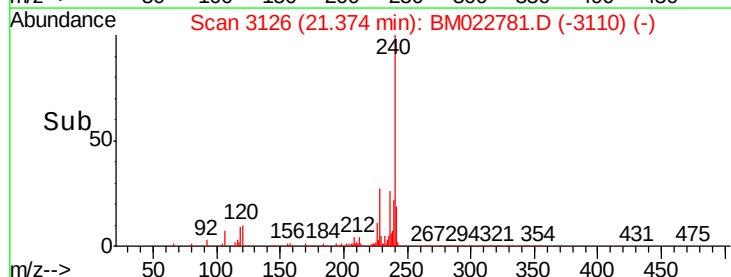
236 26.5 20.8 31.2

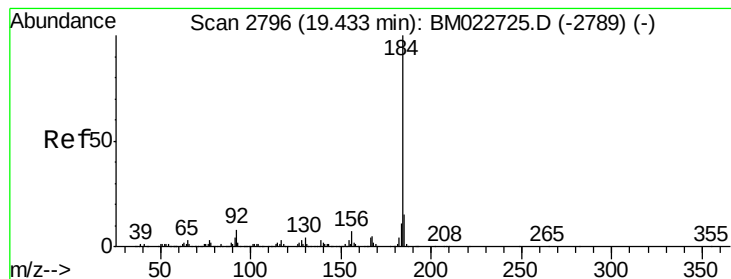


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.107 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

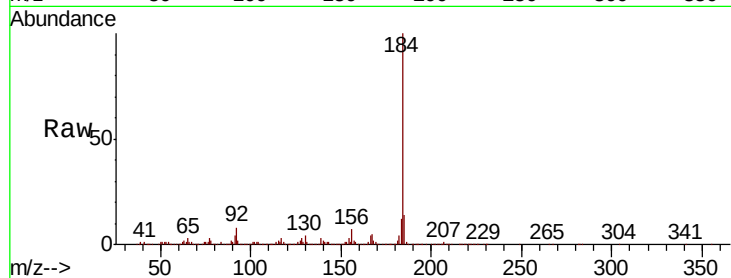
Tot Ion:184 Resp: 1248194

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.6	9.1	13.7

184 100

185 14.3 11.6 17.4

183 11.6 9.1 13.7

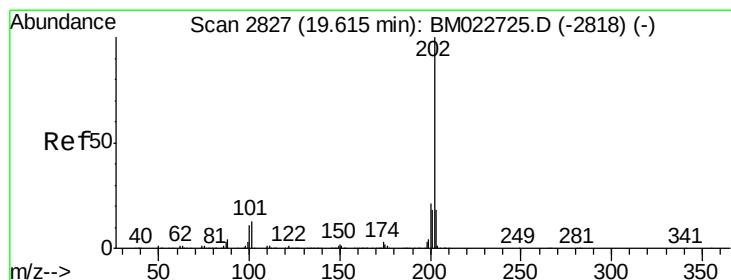
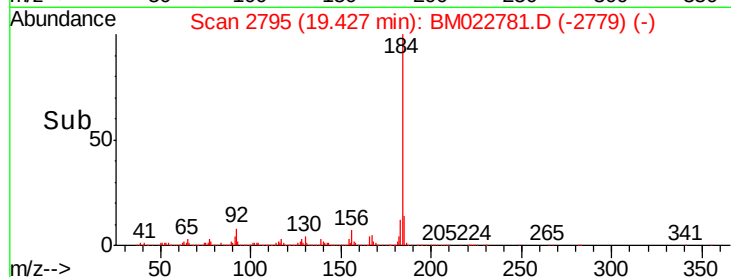
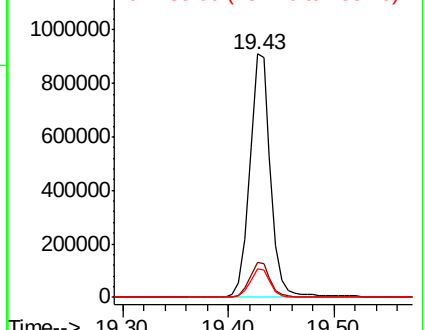


Abundance

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: 44.739 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

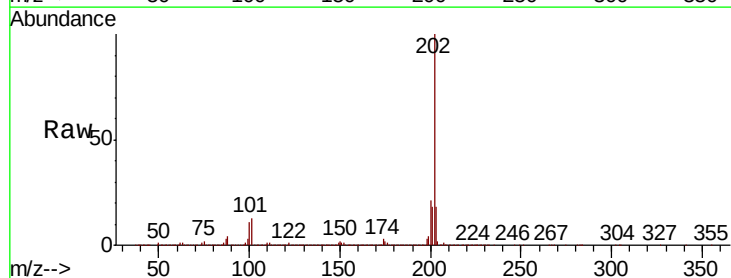
Tgt Ion:202 Resp: 2716572

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.8	14.1	21.1

202 100

200 21.3 16.7 25.1

203 17.8 14.1 21.1

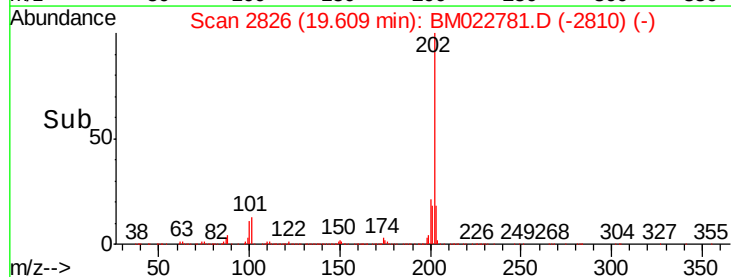
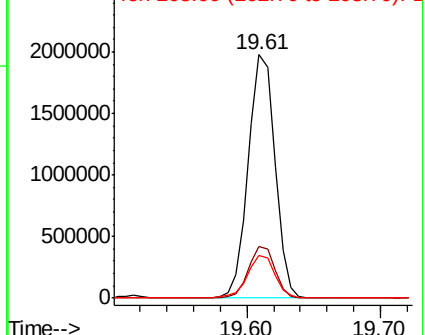


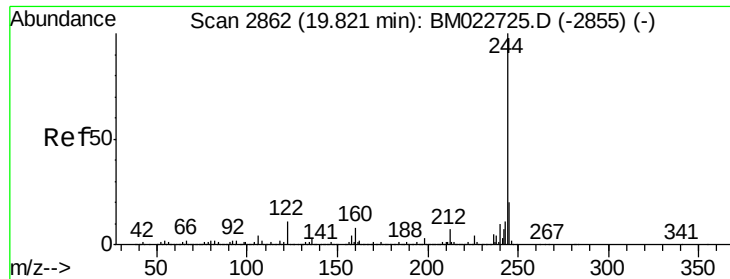
Abundance

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: 65.555 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

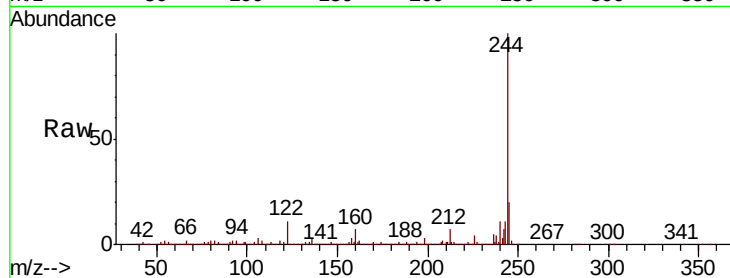
Tot Ion:244 Resp: 3136726

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

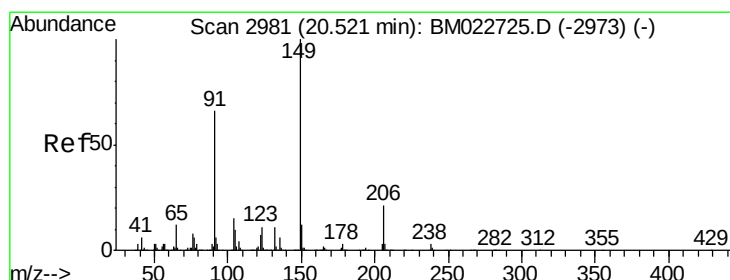
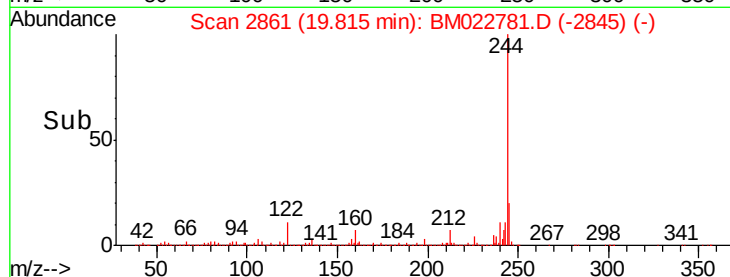
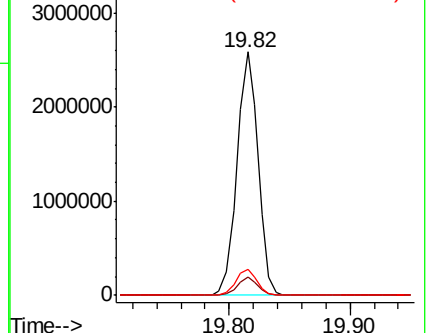
122 10.8 9.0 13.4



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: 40.480 ng

RT: 20.51 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

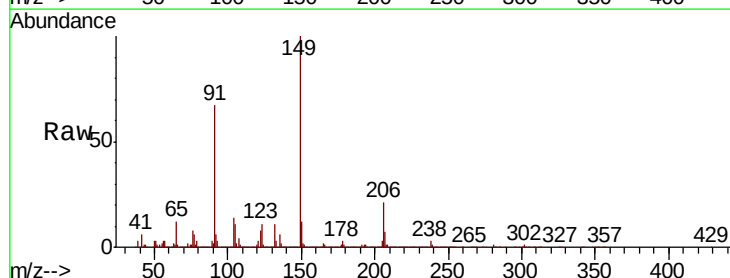
Tgt Ion:149 Resp: 934153

Ion Ratio Lower Upper

149 100

91 67.4 53.0 79.4

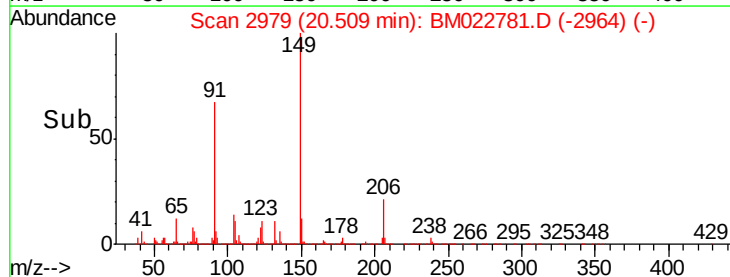
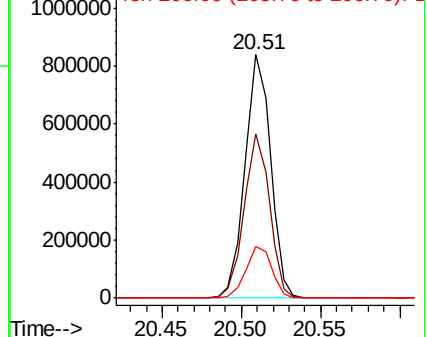
206 21.4 16.9 25.3

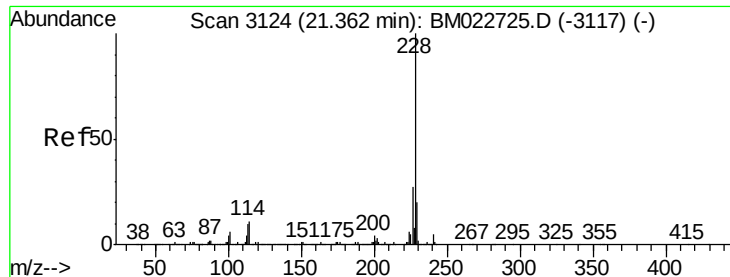


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.835 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

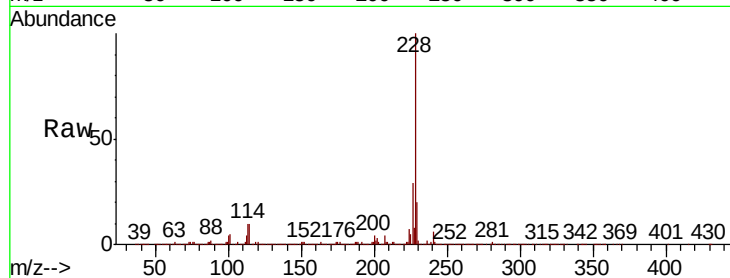
BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:228 Resp: 2512184

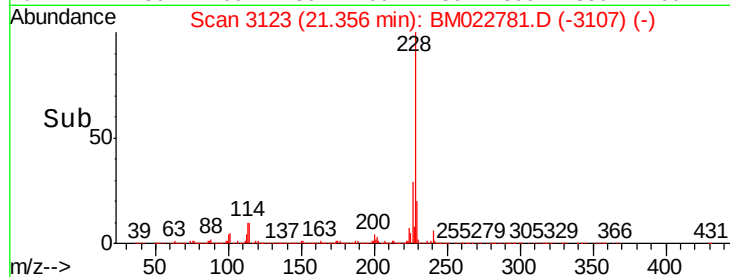
Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.0	33.0
229	20.0	15.9	23.9



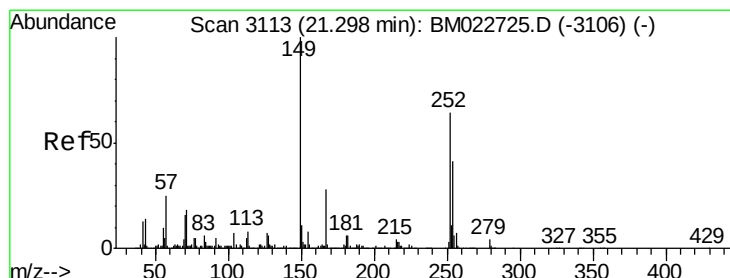
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 38.712 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

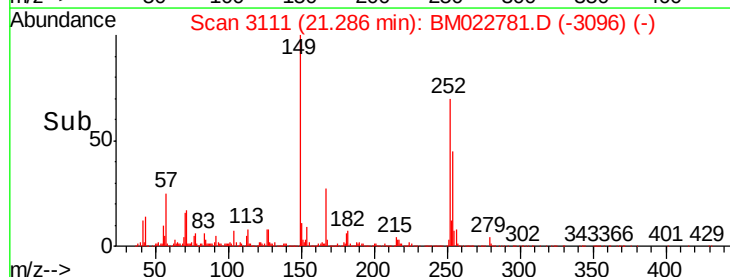
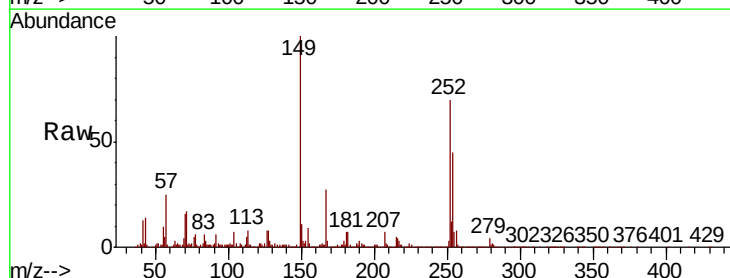
Tgt Ion:252 Resp: 824394

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.3	8.3	12.5

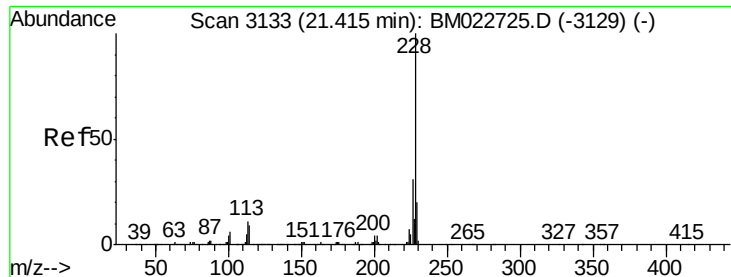
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 41.471 ng

RT: 21.41 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

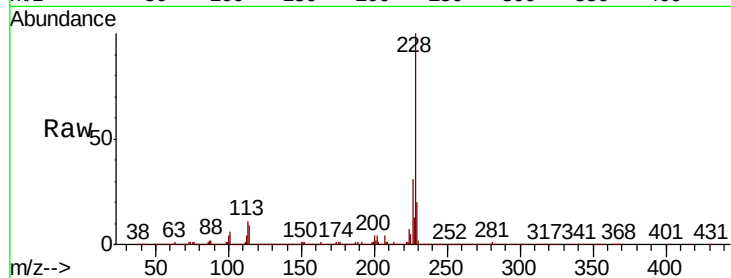
Tot Ion:228 Resp: 2414324

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

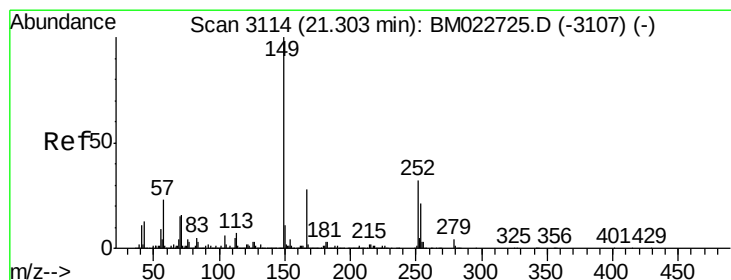
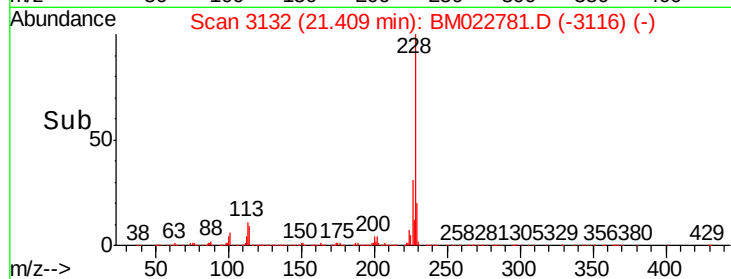
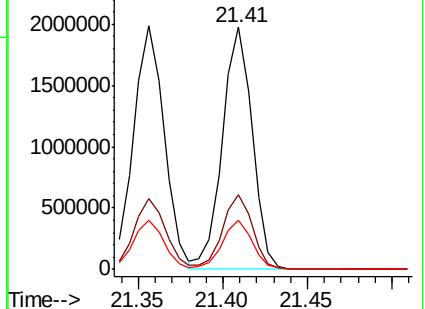
229 20.1 15.9 23.9



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: 42.067 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

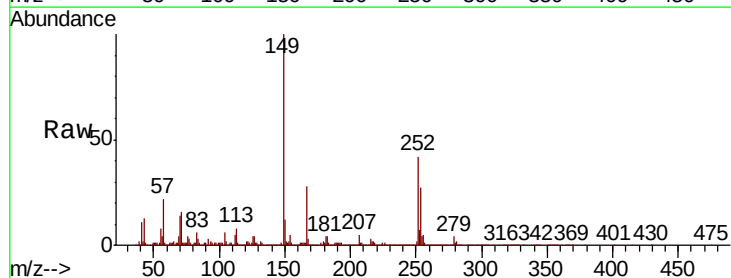
Tgt Ion:149 Resp: 1438363

Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

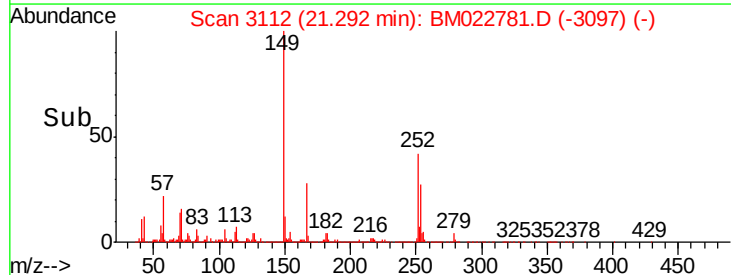
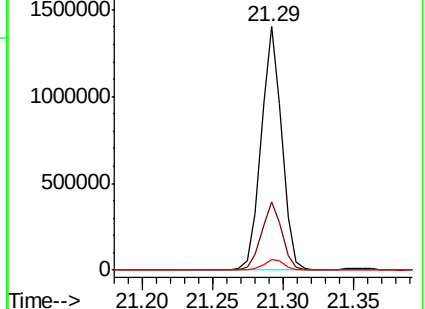
279 4.3 3.4 5.0

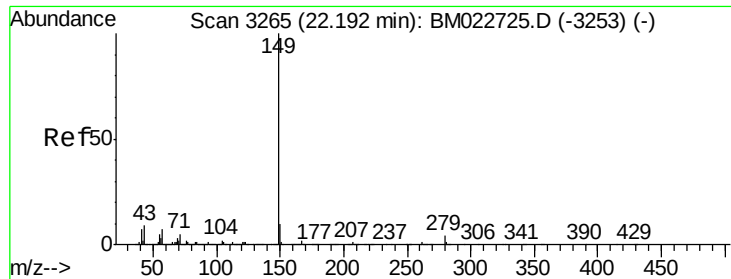


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.415 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

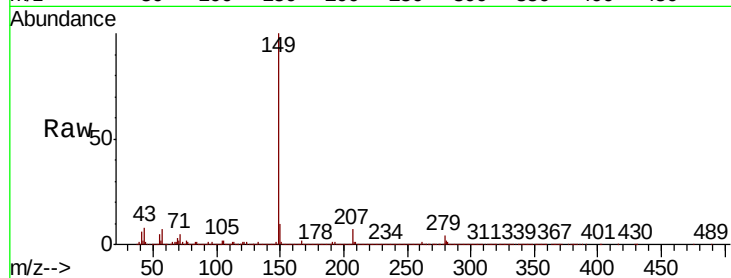
Tot Ion:149 Resp: 2474917

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

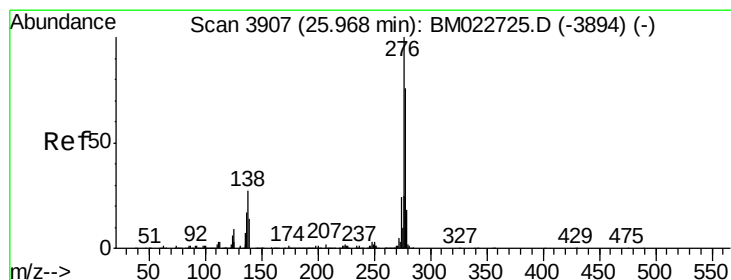
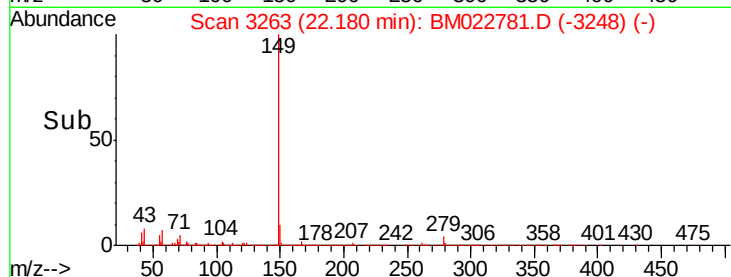
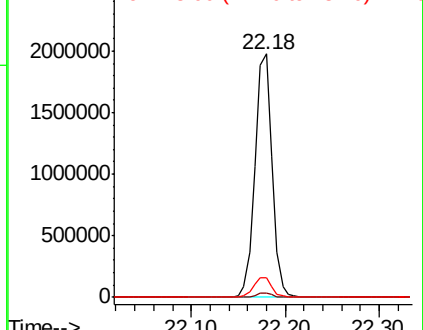
43 8.2 7.4 11.0



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: 43.361 ng

RT: 25.96 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

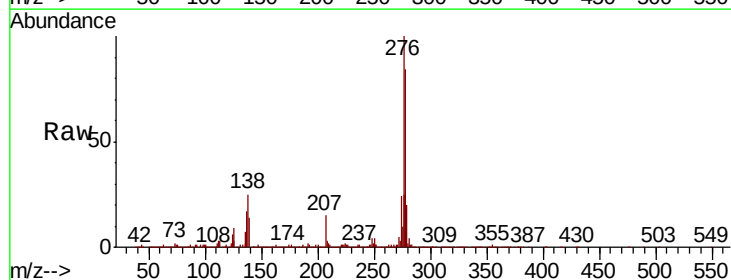
Tgt Ion:276 Resp: 3012967

Ion Ratio Lower Upper

276 100

138 24.6 0.0 0.0#

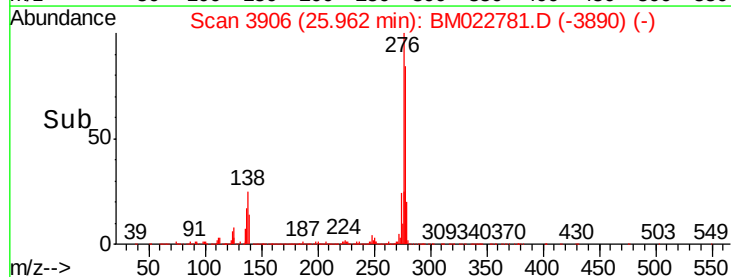
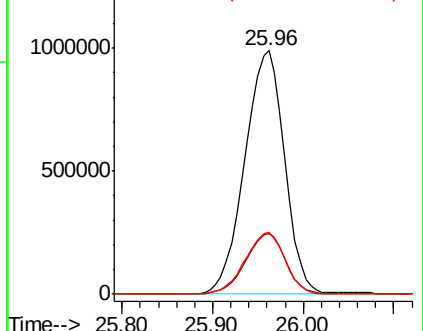
277 24.9 0.0 0.0#

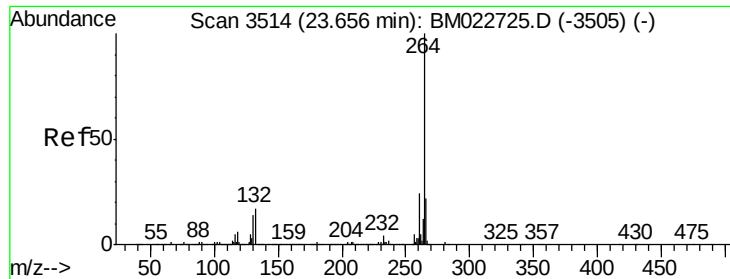


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

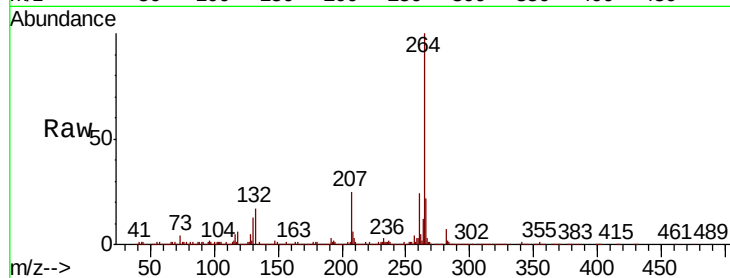
Tot Ion:264 Resp: 1099903

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.4 17.9 26.9

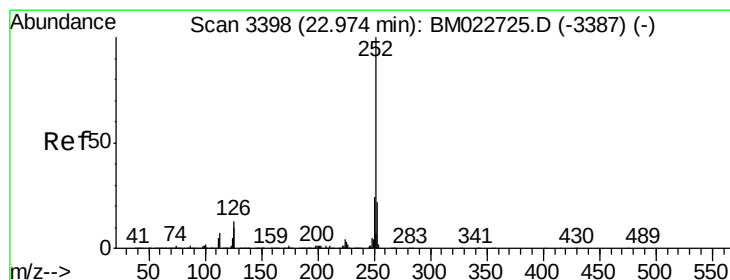
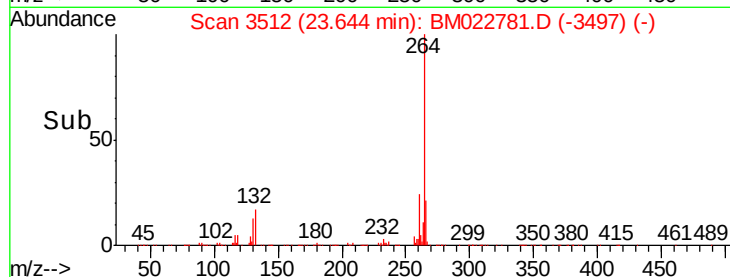
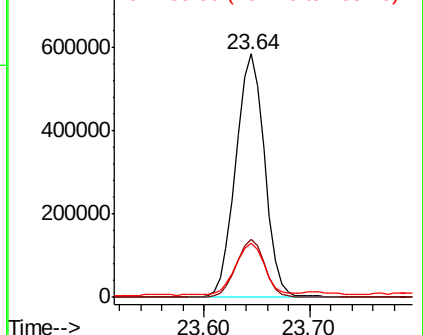


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.639 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

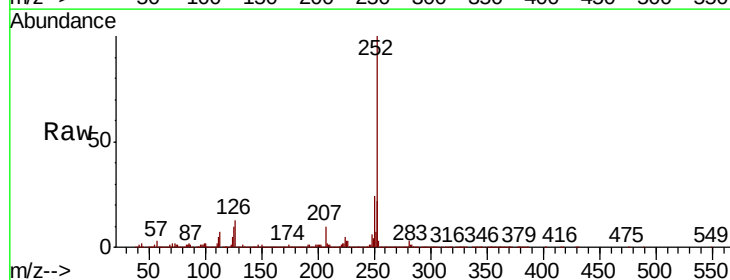
Tgt Ion:252 Resp: 2706398

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.3 8.2 12.4

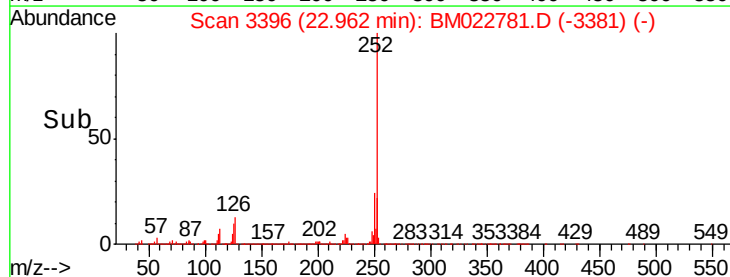
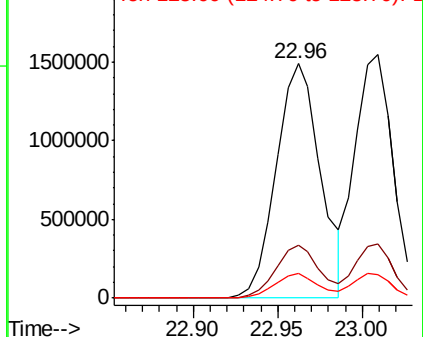


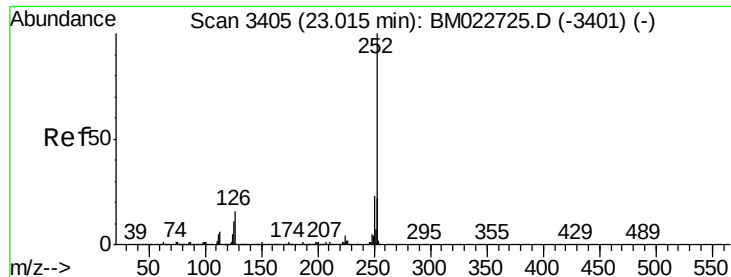
Abundance

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

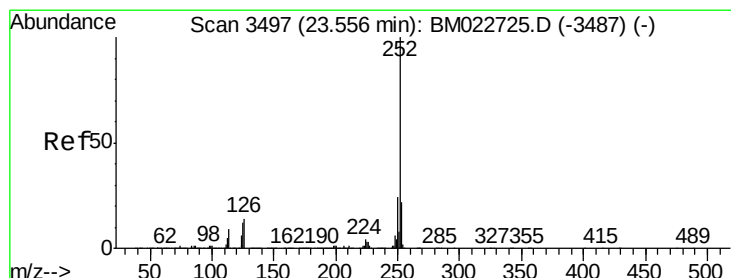
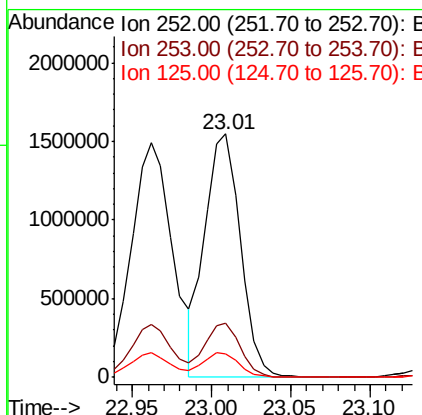
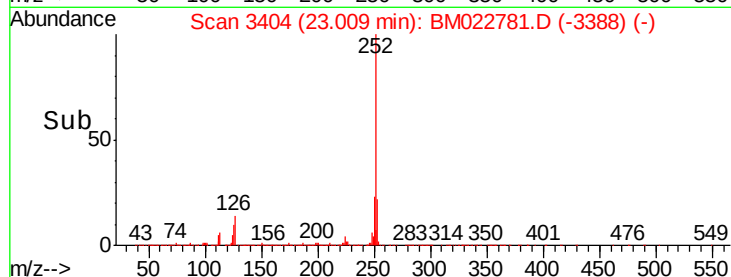
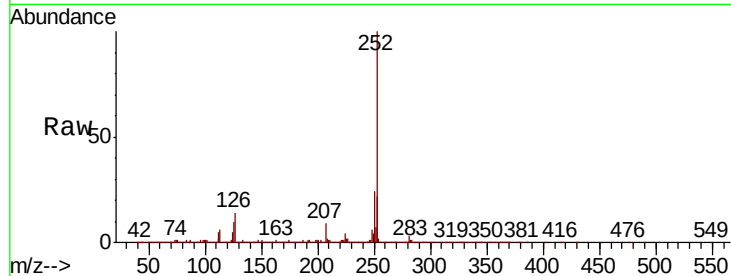




#89
Benzo(k)fluoranthene
Concen: 36.471 ng
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

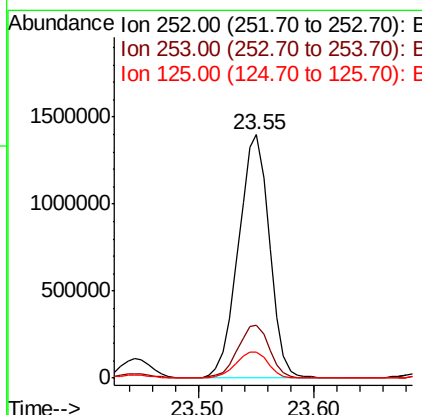
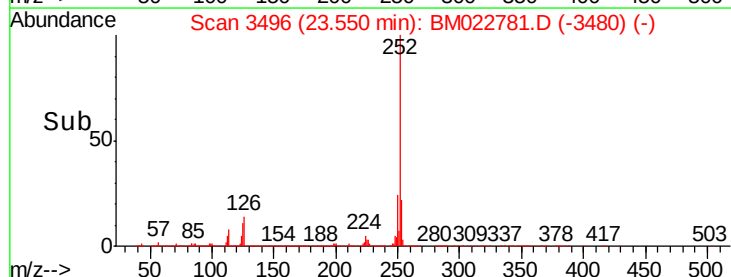
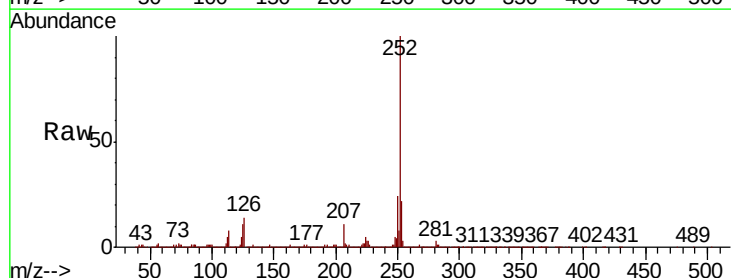
Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

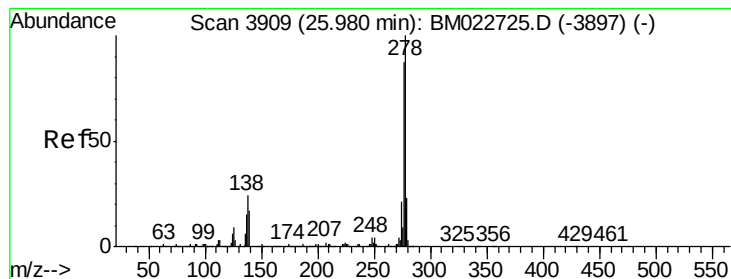
Tot Ion:252 Resp: 2409949
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.7 8.5 12.7



#90
Benzo(a)pyrene
Concen: 42.308 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:252 Resp: 2596267
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.9 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 37.591 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

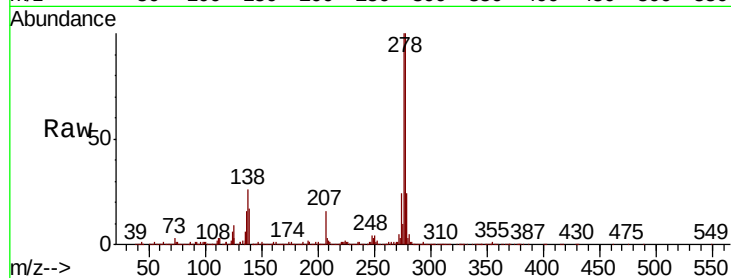
Tot Ion:278 Resp: 2412892

Ion Ratio Lower Upper

278 100

139 16.8 13.7 20.5

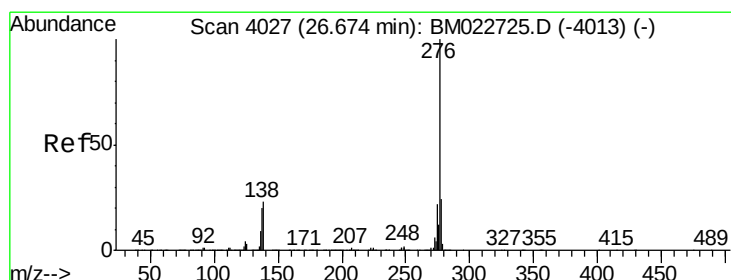
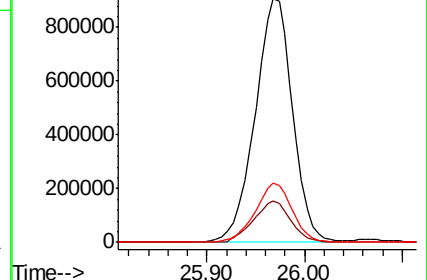
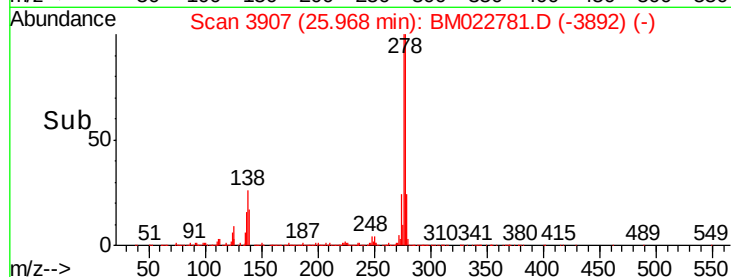
279 24.4 18.6 28.0



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: 41.485 ng

RT: 26.67 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

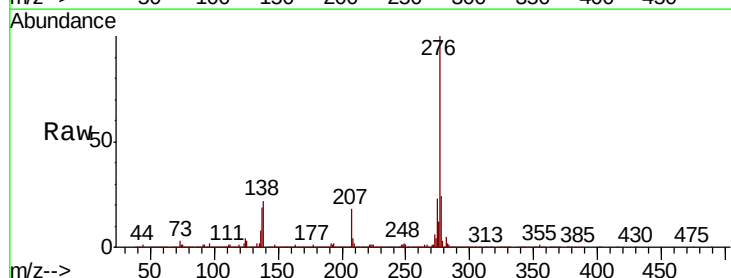
Tgt Ion:276 Resp: 2529190

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 21.5 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

