

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

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:55:04 PM

Quant Time: Sep 26 06:46:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:34:01 2019
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	159247	27.845	ng	# 100
3) Pyridine	3.72	79	365451	24.243	ng	99
4) n-Nitrosodimethylamine	3.62	42	185457	33.795	ng	# 99
6) Aniline	7.15	93	582692	26.620	ng	100
8) 2-Chlorophenol	7.39	128	518431	35.800	ng	99
9) Benzaldehyde	6.96	77	329980	31.746	ng	98
10) Phenol	7.02	94	619635	36.054	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	462748	34.271	ng	99
12) 1,3-Dichlorobenzene	7.71	146	569894	32.927	ng	100
13) 1,4-Dichlorobenzene	7.86	146	579809	33.091	ng	100
14) 1,2-Dichlorobenzene	8.17	146	550669	32.964	ng	100
15) Benzyl Alcohol	8.06	79	399199	34.948	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	619253	31.571	ng	99
17) 2-Methylphenol	8.26	107	396396	34.846	ng	99
18) Hexachloroethane	8.90	117	202907	31.573	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	341534	33.503	ng	99
20) 3+4-Methylphenols	8.59	107	527728	34.830	ng	99
22) Acetophenone	8.64	105	689170	34.166	ng	99
24) Nitrobenzene	9.02	77	505109	35.861	ng	98
25) Isophorone	9.55	82	907907	37.508	ng	99
26) 2-Nitrophenol	9.73	139	251560	41.371	ng	98
27) 2,4-Dimethylphenol	9.79	122	438565	43.083	ng	100
28) bis(2-Chloroethoxy)methane	10.02	93	595723	35.566	ng	99
29) 2,4-Dichlorophenol	10.26	162	449542	39.060	ng	100
30) 1,2,4-Trichlorobenzene	10.47	180	509373	35.973	ng	99
31) Naphthalene	10.66	128	1525085	37.771	ng	100
32) Benzoic acid	9.90	122	211599	31.711	ng	95
33) 4-Chloroaniline	10.77	127	344974	19.678	ng	99
34) Hexachlorobutadiene	10.96	225	305758	36.224	ng	99
35) Caprolactam	11.55	113	123993m	36.341	ng	
36) 4-Chloro-3-methylphenol	11.89	107	426298	37.966	ng	100
37) 2-Methylnaphthalene	12.27	142	1072393	38.156	ng	99
38) 1-Methylnaphthalene	12.49	142	991180	37.153	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	537493	35.574	ng	100

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

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

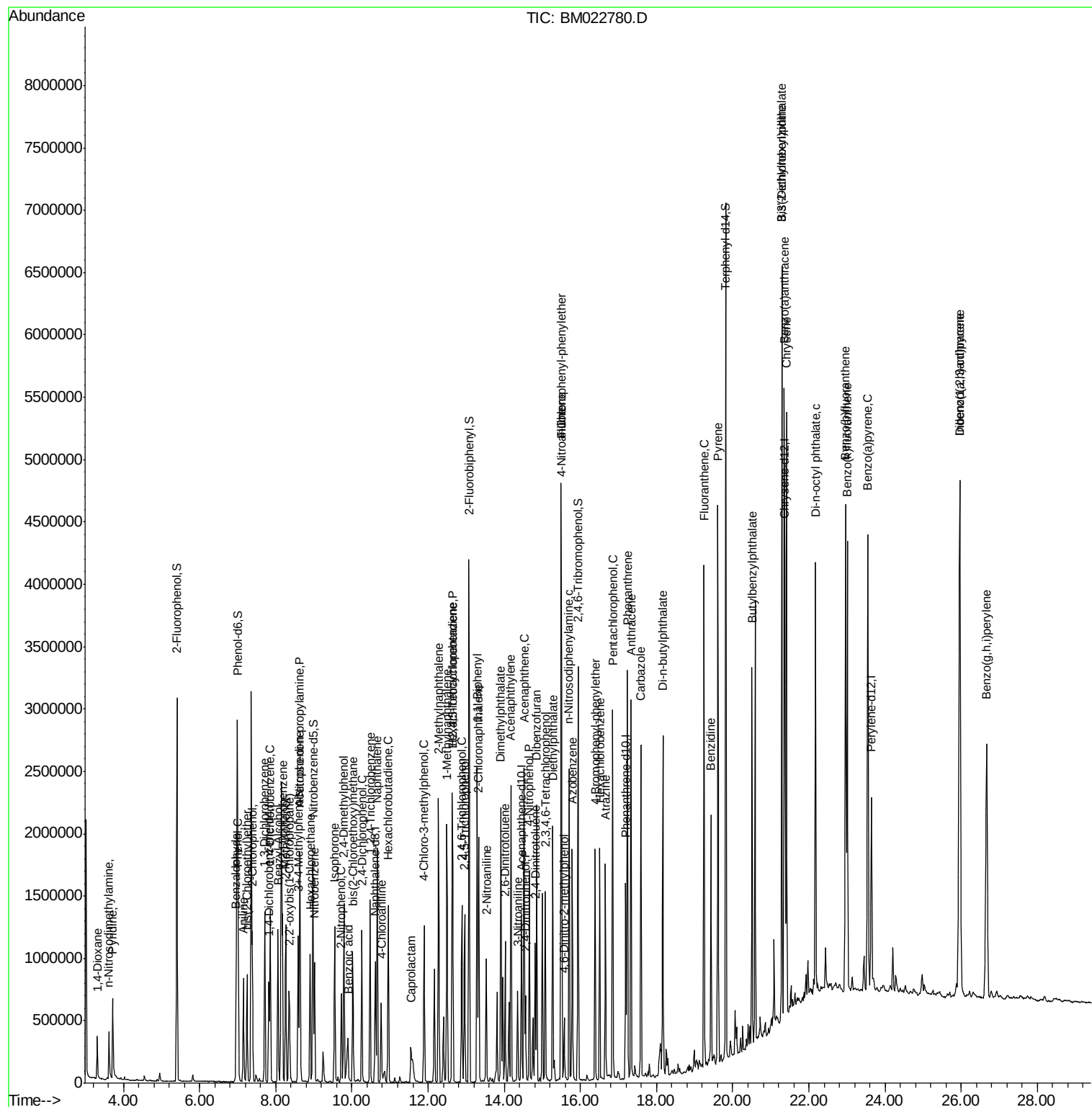
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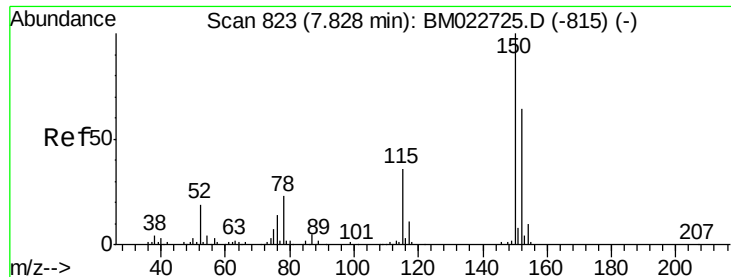
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#1

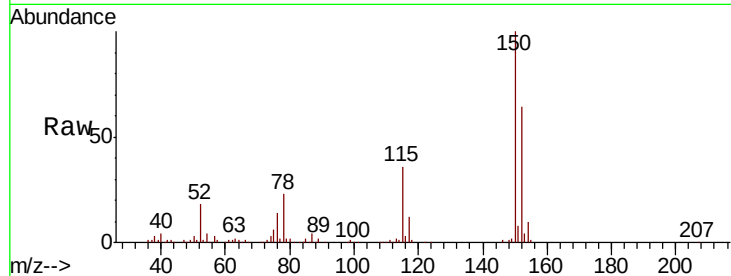
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

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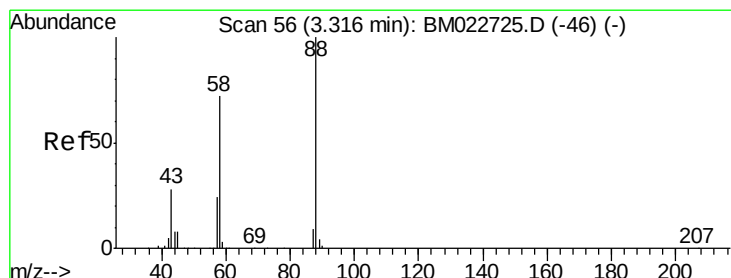
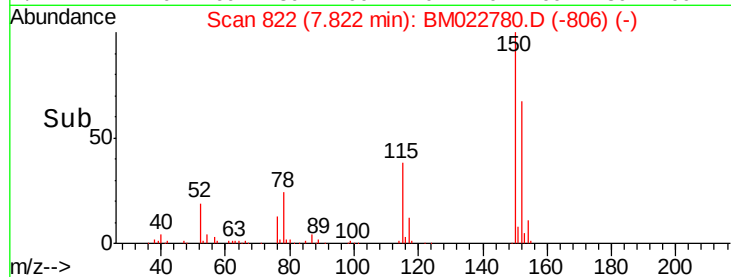
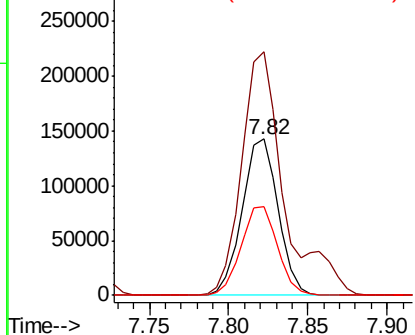


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

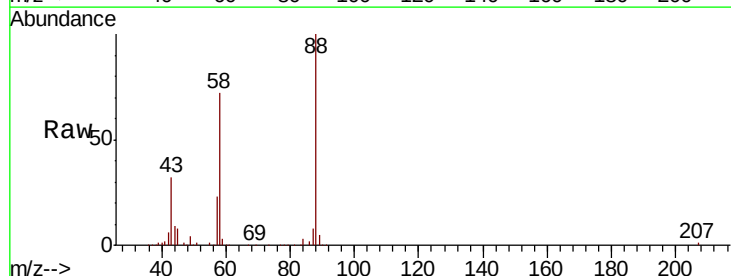
Ion 115.00 (114.70 to 115.70): E



#2

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

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

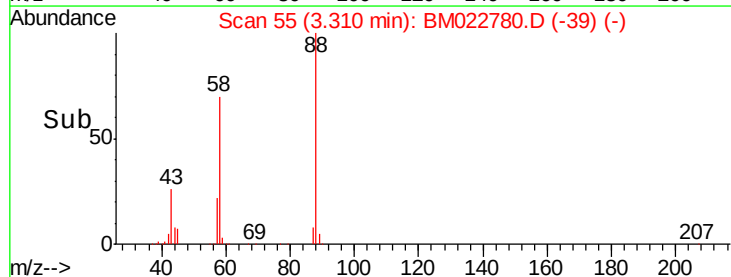
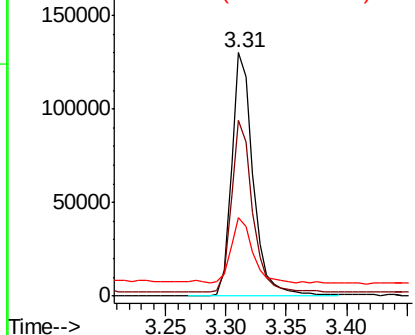


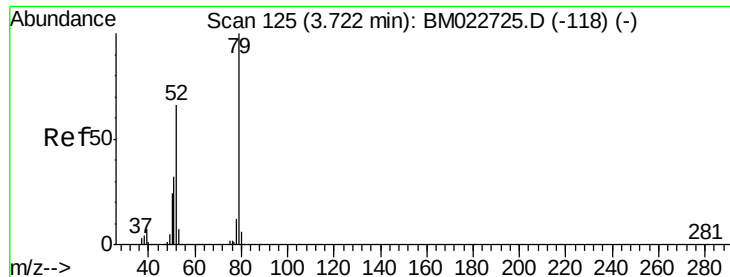
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#3

Pvridine

Concen: 24.243 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

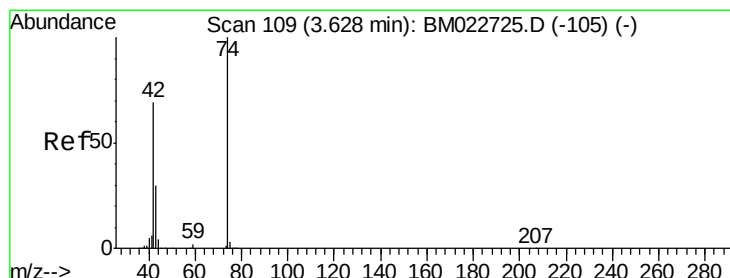
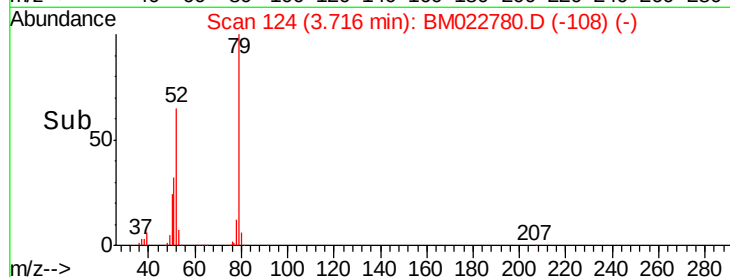
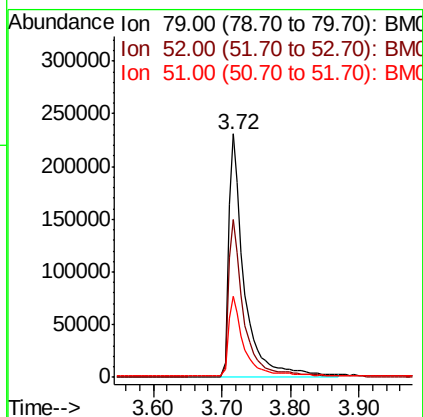
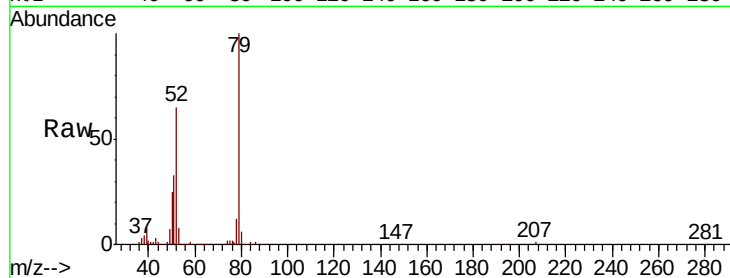
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	79	Resp:	365451
Ion Ratio	Lower	Upper	
79	100		
52	64.9	52.4	78.6
51	33.1	26.2	39.4

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#4

n-Nitrosodimethylamine

Concen: 33.795 ng

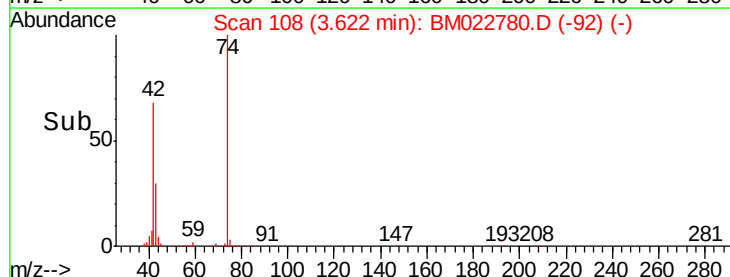
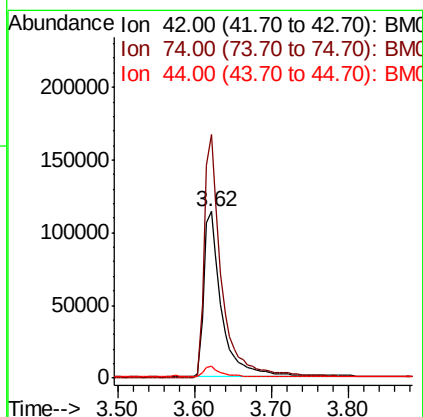
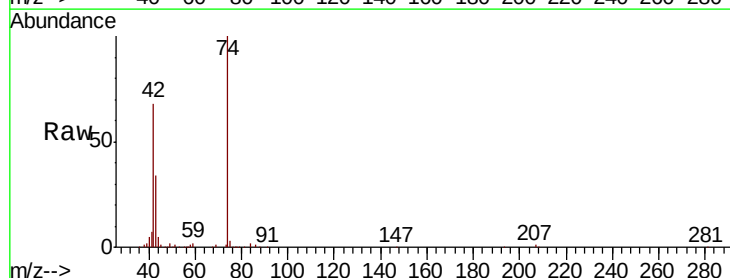
RT: 3.62 min Scan# 108

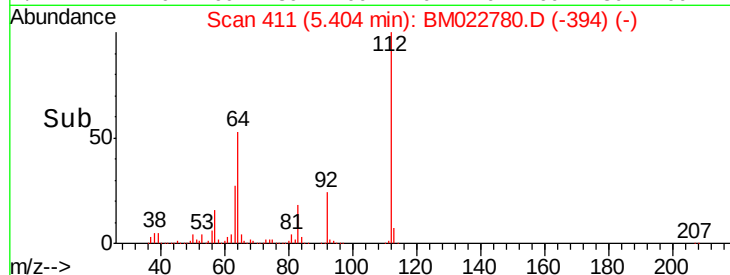
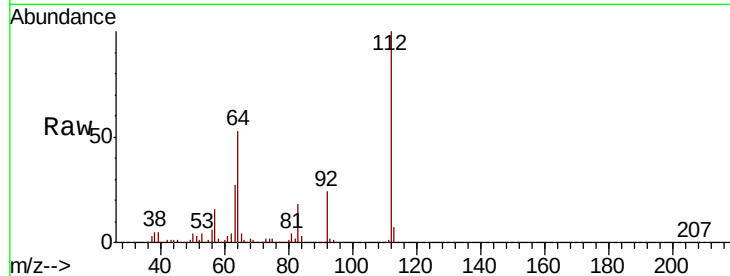
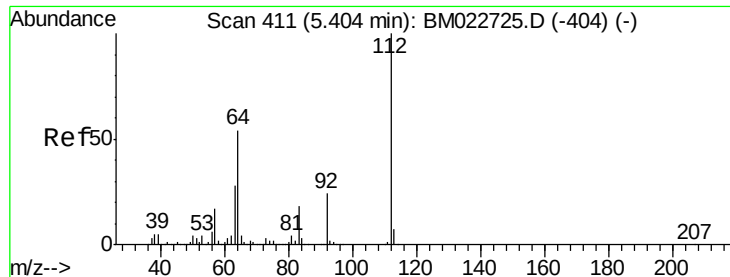
Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:	42	Resp:	185457
Ion Ratio	Lower	Upper	
42	100		
74	146.2	116.6	175.0
44	6.9	8.2	12.4





#5

2-Fluorophenol

Concen: 95.069 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tot Ion:	112	Resp:	1351224
Ion	Ratio	Lower	Upper
112	100		
64	53.2	43.4	65.2
63	27.1	22.1	33.1

Instrument :

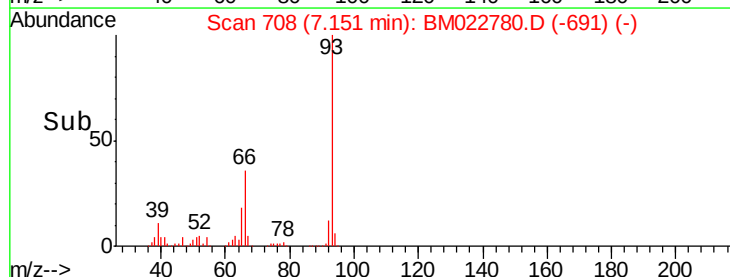
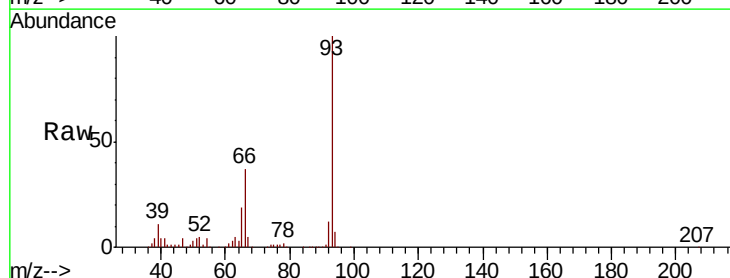
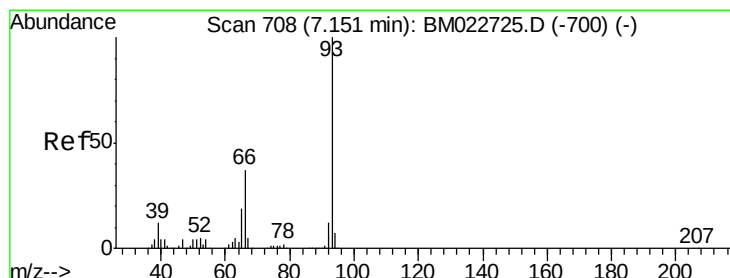
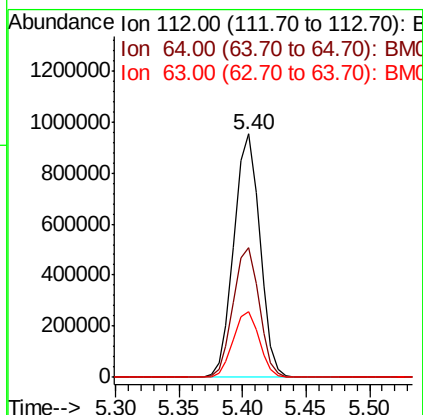
BNA_M

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#6

Aniline

Concen: 26.620 ng

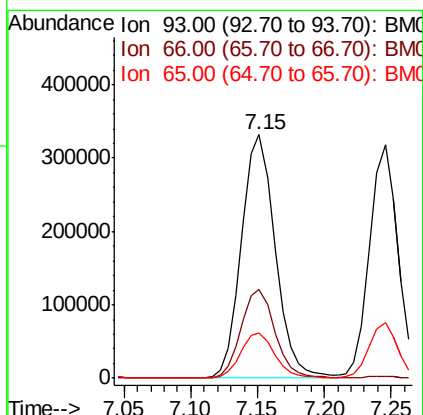
RT: 7.15 min Scan# 708

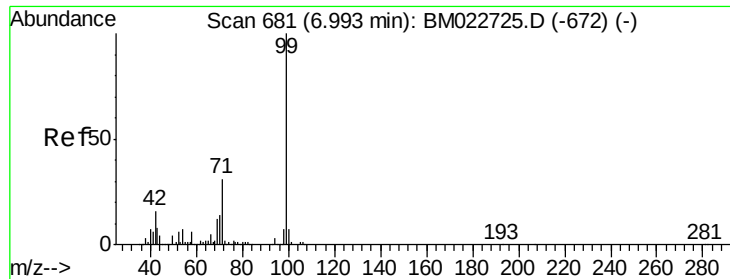
Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:	93	Resp:	582692
Ion	Ratio	Lower	Upper
93	100		
66	36.6	29.3	43.9
65	18.5	15.3	22.9





#7

Phenol-d6

Concen: 96.529 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion: 99 Resp: 1762133

Ion Ratio Lower Upper

99 100

42 15.6 13.0 19.4

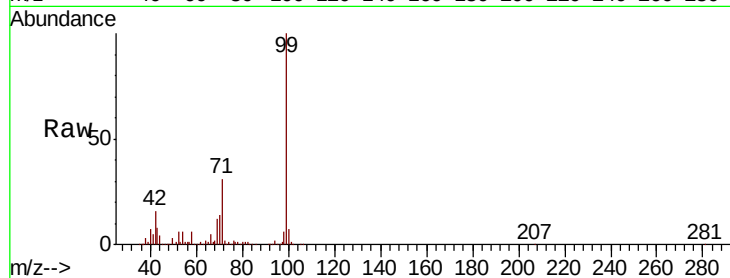
71 30.9 24.7 37.1

Manual Integrations

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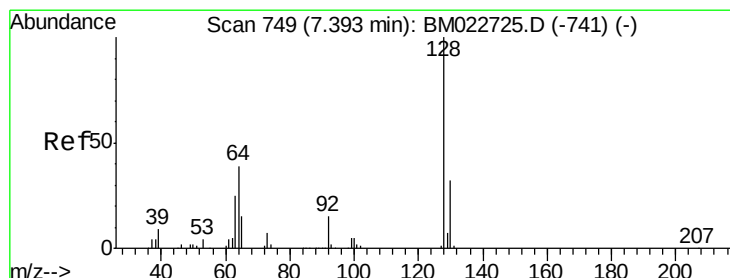
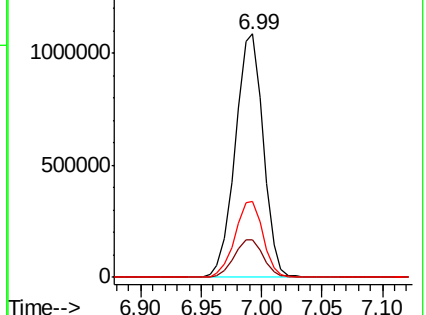
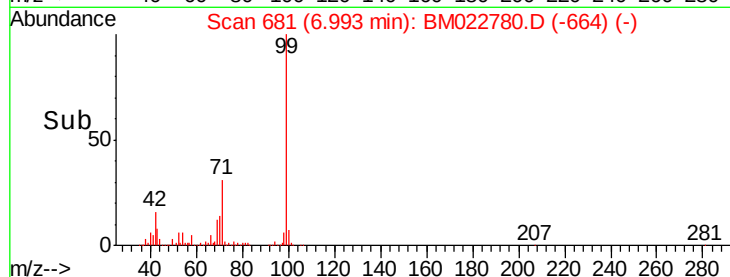
9/26/2019 3:55:04 PM



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

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

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



#8

2-Chlorophenol

Concen: 35.800 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

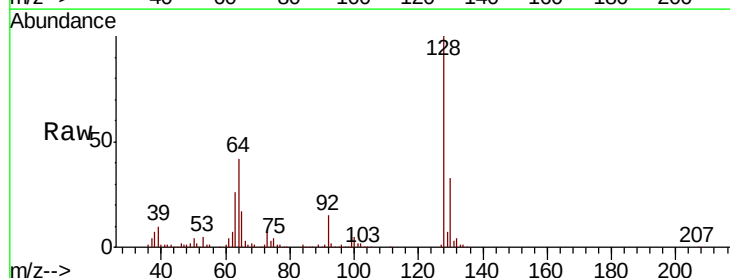
Tgt Ion: 128 Resp: 518431

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

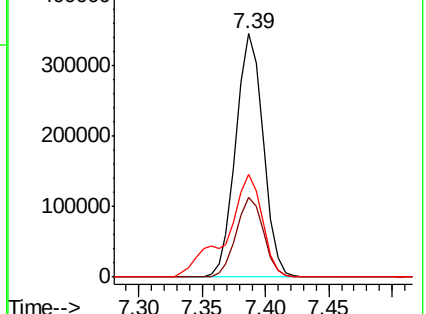
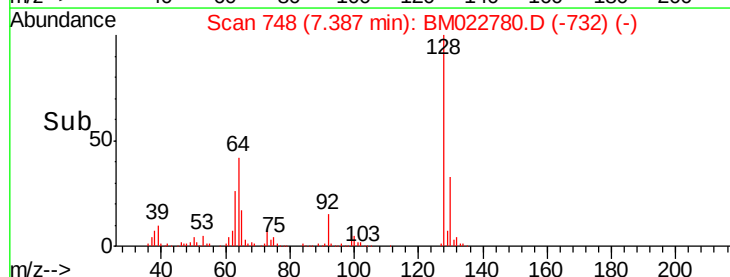
64 42.0 22.9 62.9

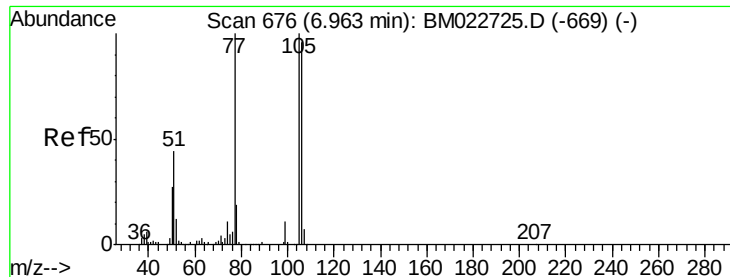


Abundance Ion 128.00 (127.70 to 128.70): BM022780.D (-732) (-)

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

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





#9

Benzaldehyde

Concen: 31.746 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

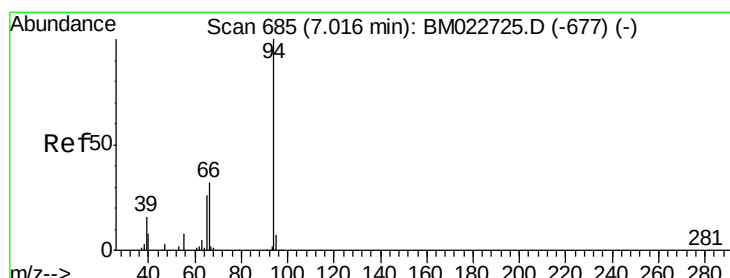
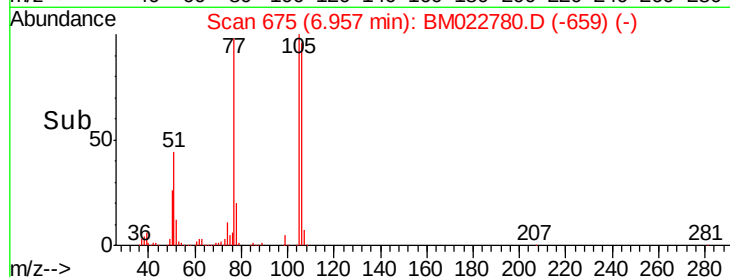
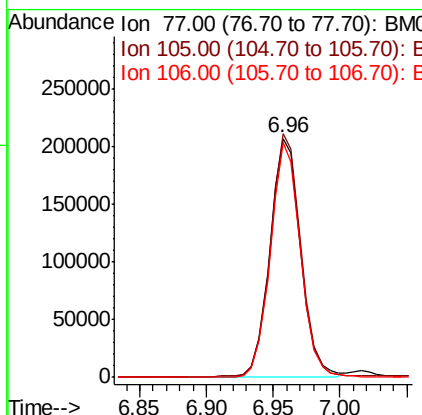
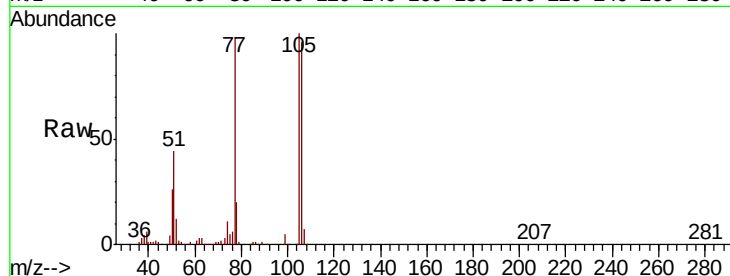
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.9	79.6	119.6
106	98.2	76.3	116.3

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#10

Phenol

Concen: 36.054 ng

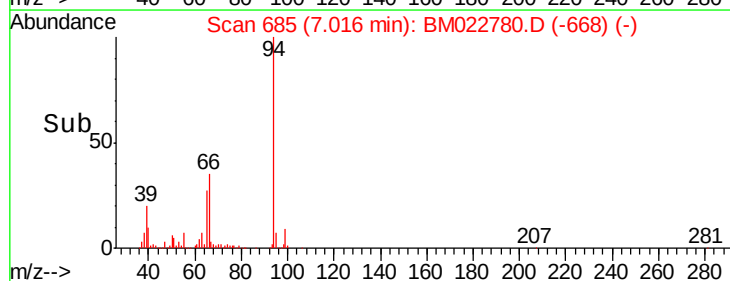
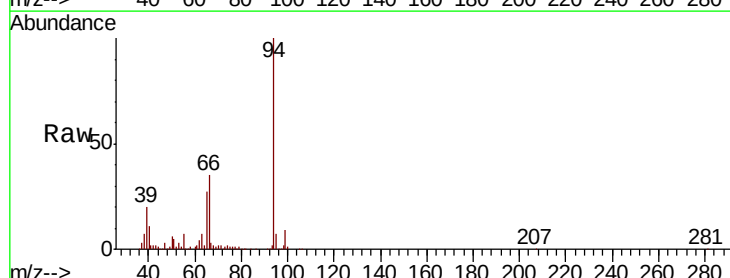
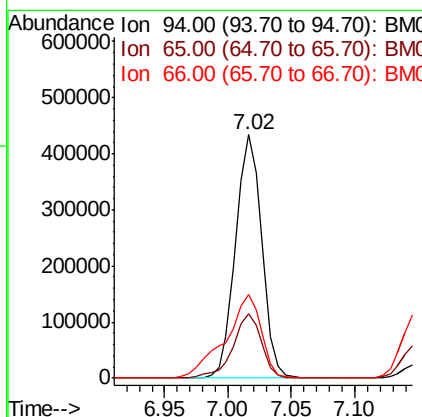
RT: 7.02 min Scan# 685

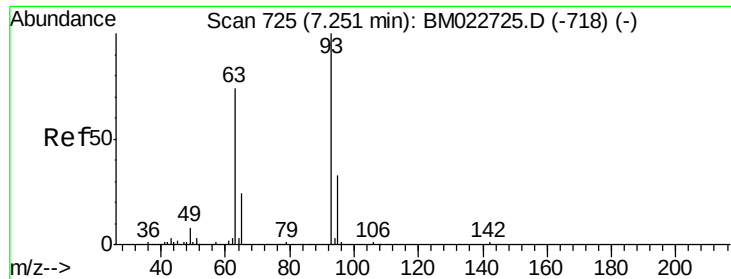
Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.7	46.7
66	34.6	13.8	53.8





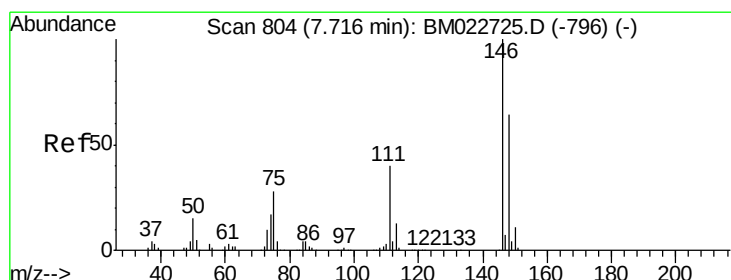
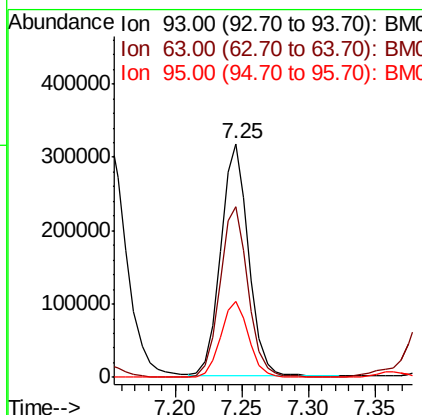
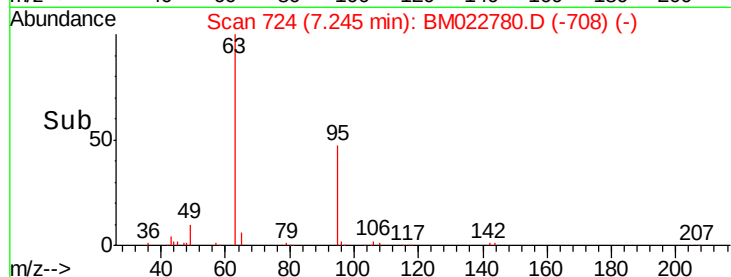
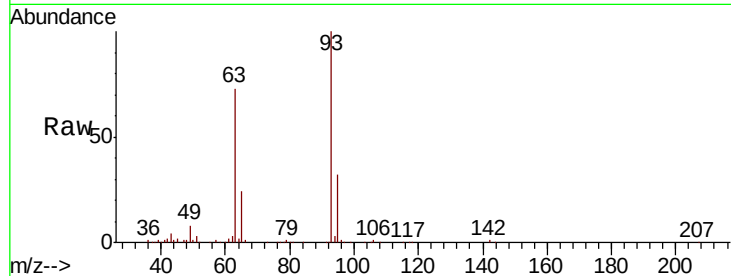
#11
bis(2-Chloroethyl)ether
Concen: 34.271 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:	93	Resp:	462748
Ion	Ratio	Lower	Upper
93	100		
63	73.2	53.8	93.8
95	32.5	12.7	52.7

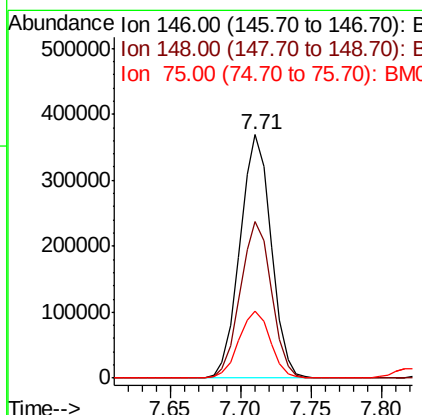
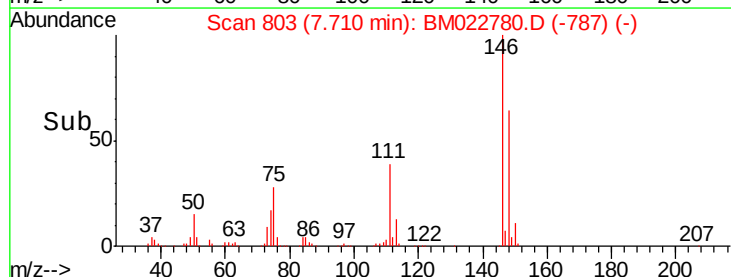
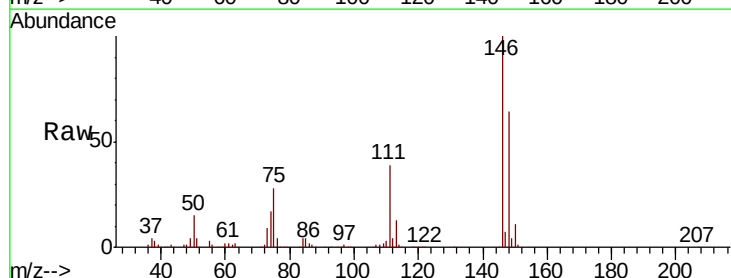
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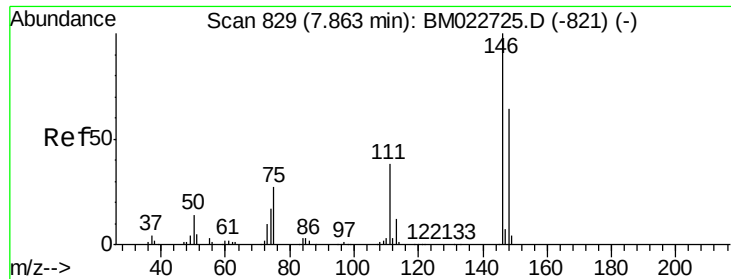
mohammad
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#12
1,3-Dichlorobenzene
Concen: 32.927 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion:	146	Resp:	569894
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	27.6	22.5	33.7





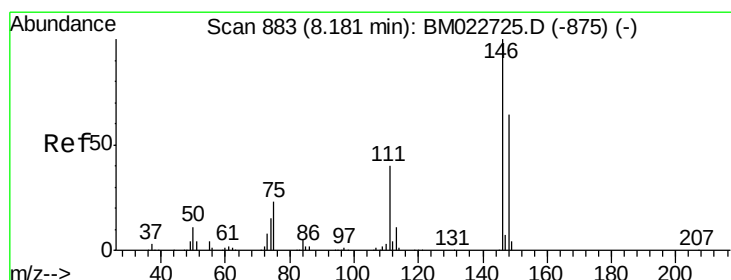
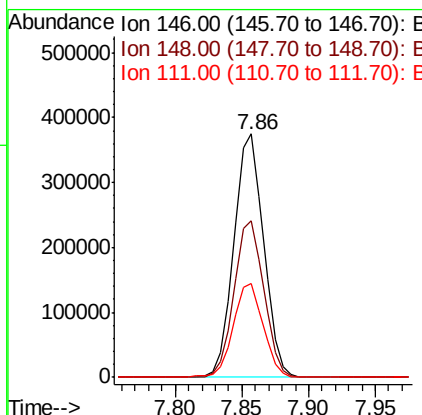
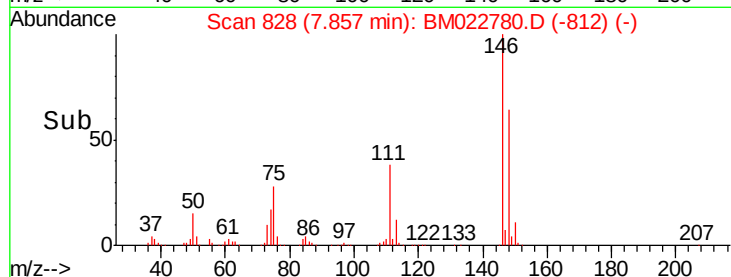
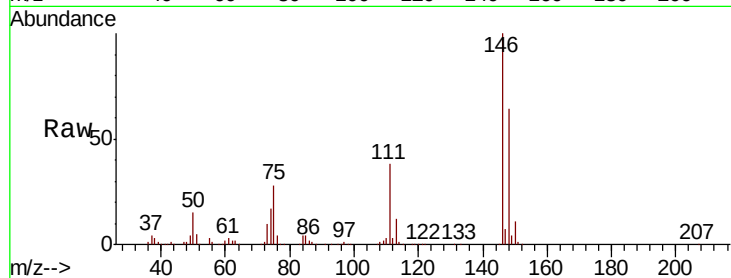
#13
 1,4-Dichlorobenzene
 Concen: 33.091 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

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

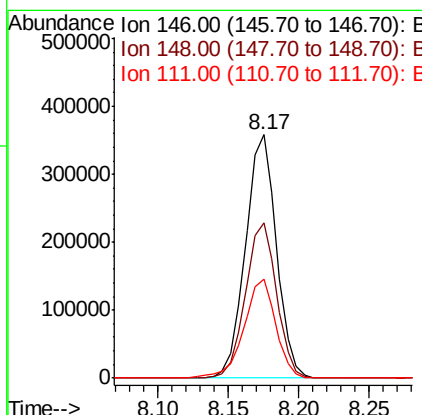
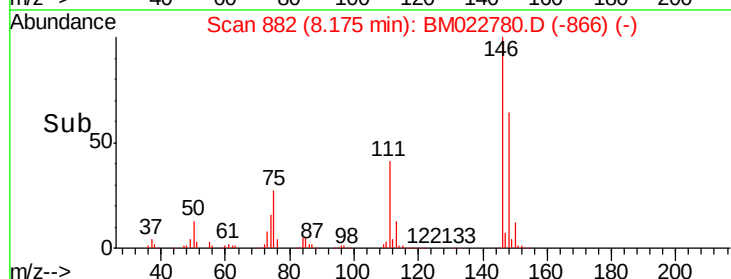
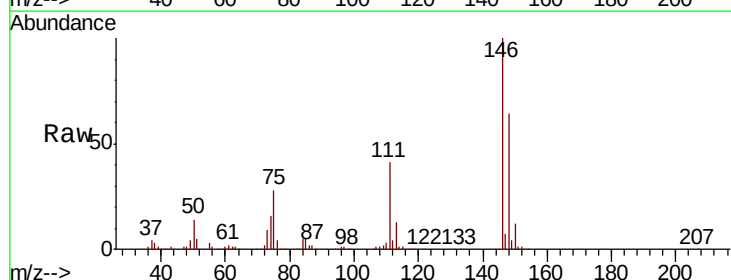
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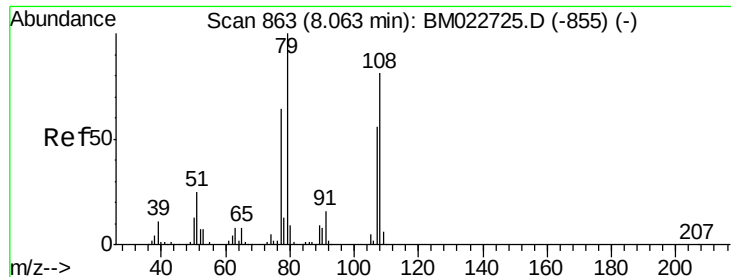
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 32.964 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

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





#15

Benzyl Alcohol

Concen: 34.948 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

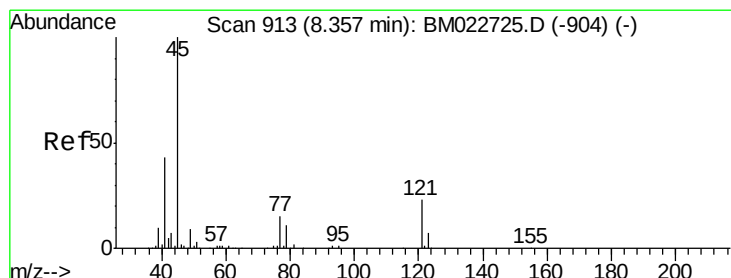
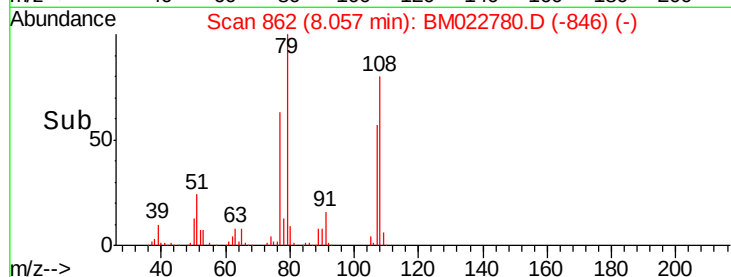
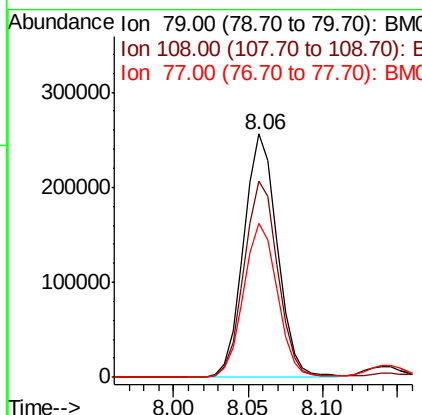
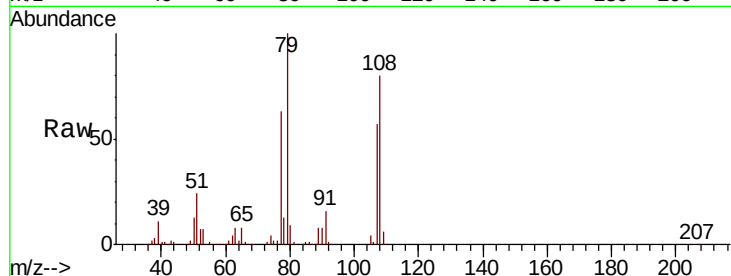
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	79	Resp:	399199
Ion Ratio	Lower	Upper	
79	100		
108	80.4	64.9	97.3
77	63.4	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.571 ng

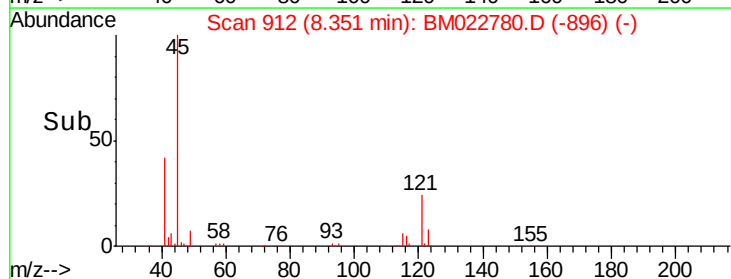
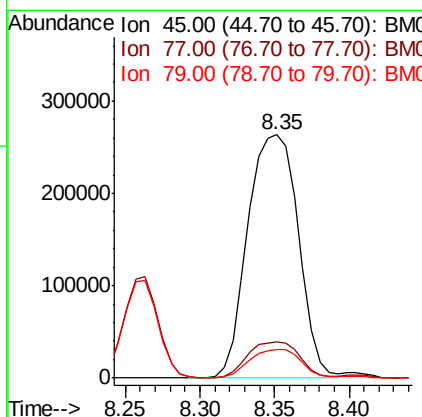
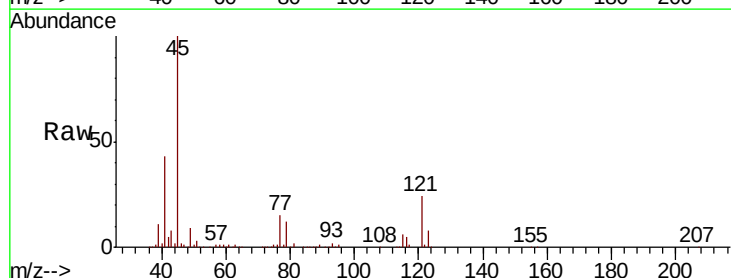
RT: 8.35 min Scan# 912

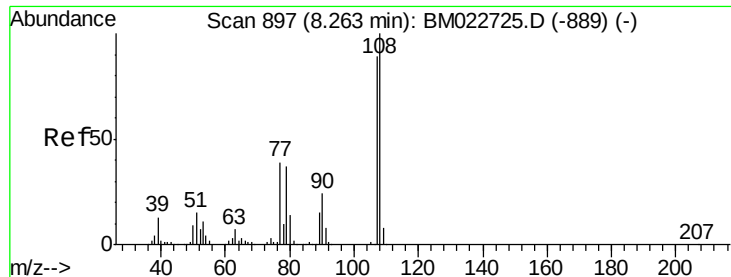
Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:	45	Resp:	619253
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	35.1
79	11.8	0.0	31.4





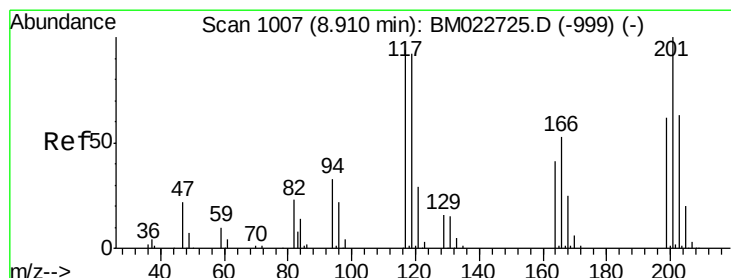
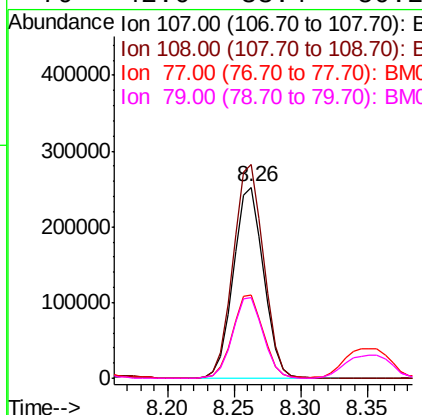
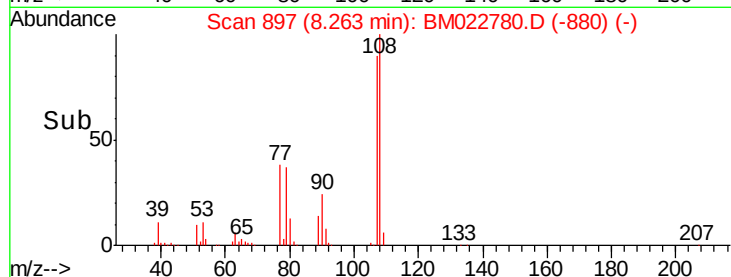
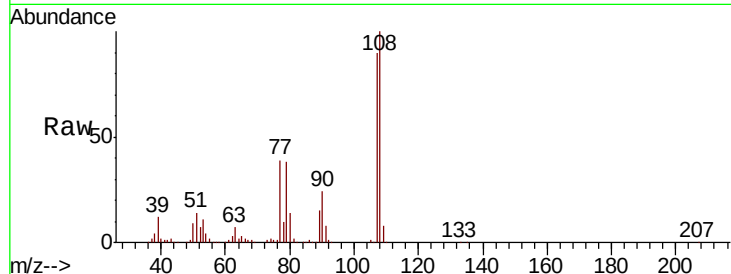
#17
2-Methylphenol
Concen: 34.846 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

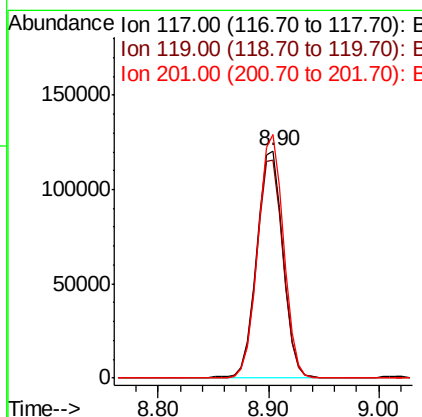
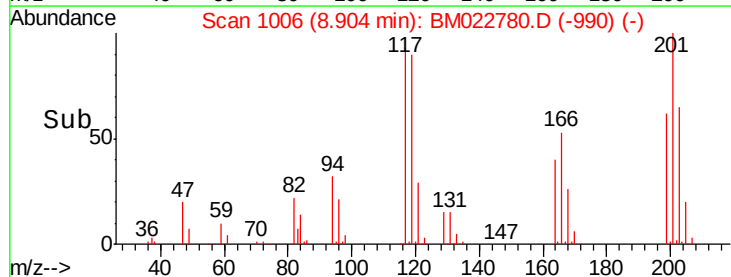
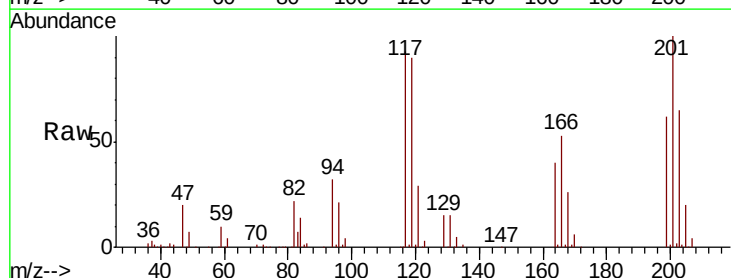
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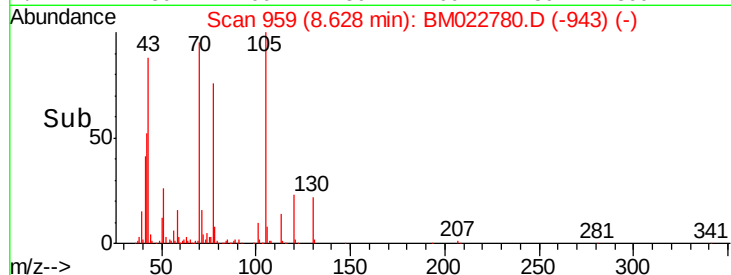
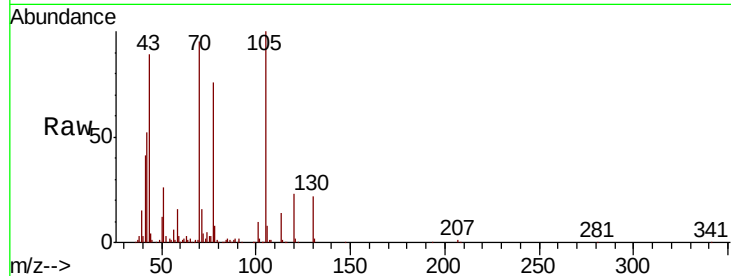
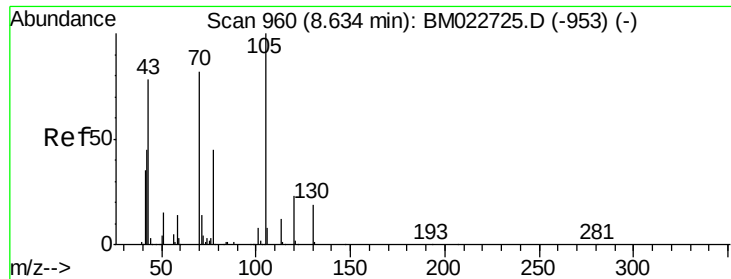
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#18
Hexachloroethane
Concen: 31.573 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

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





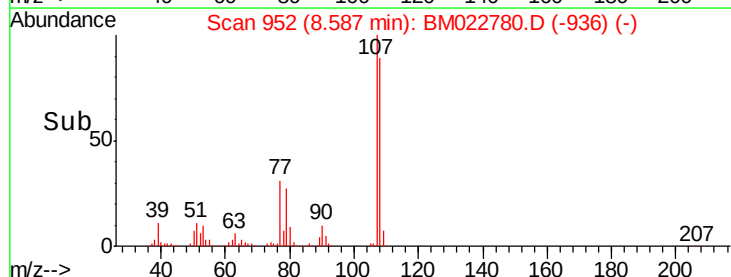
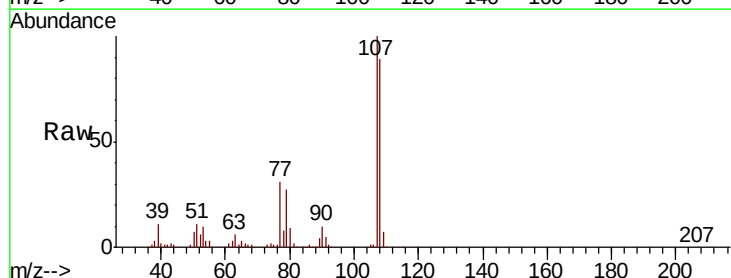
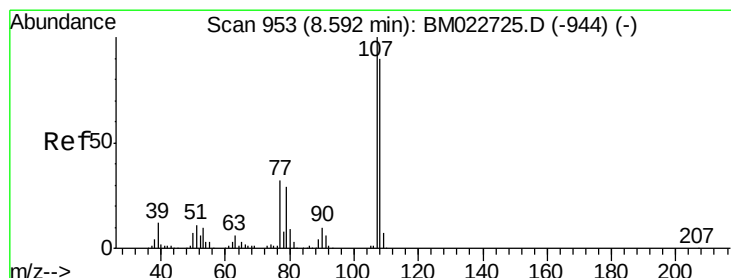
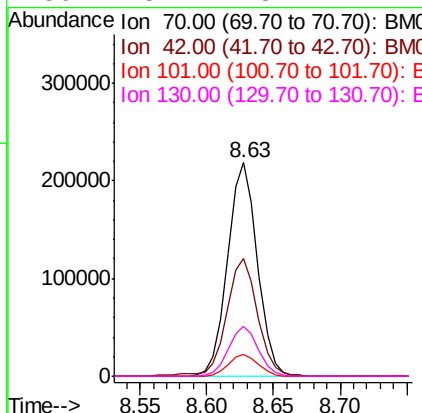
#19
n-Nitroso-di-n-propylamine
Concen: 33.503 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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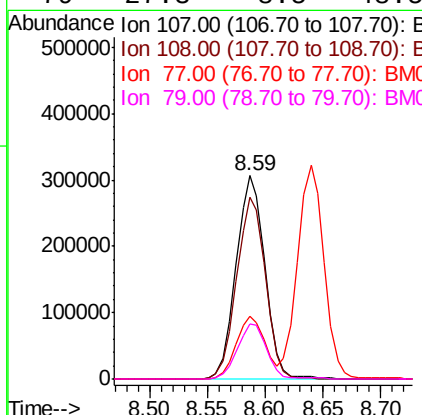
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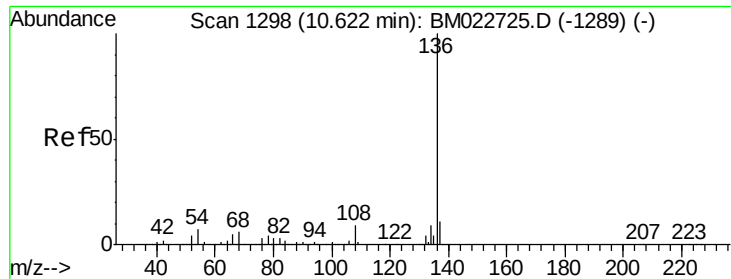
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.9	44.4	66.6		
101	10.3	7.8	11.6		
130	23.7	18.2	27.4		



#20
3+4-Methylphenols
Concen: 34.830 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.3	70.1	110.1		
77	30.9	12.1	52.1		
79	27.3	8.5	48.5		





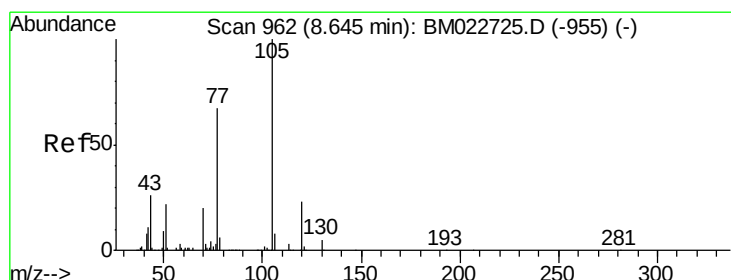
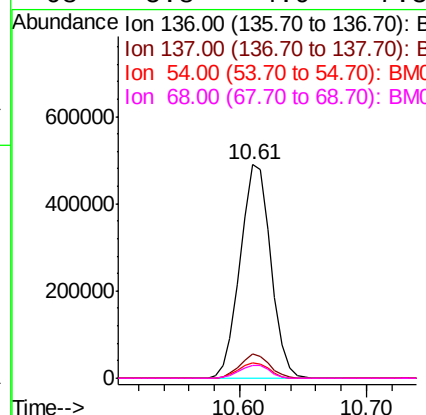
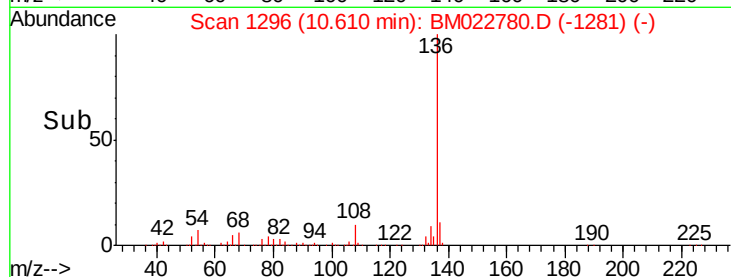
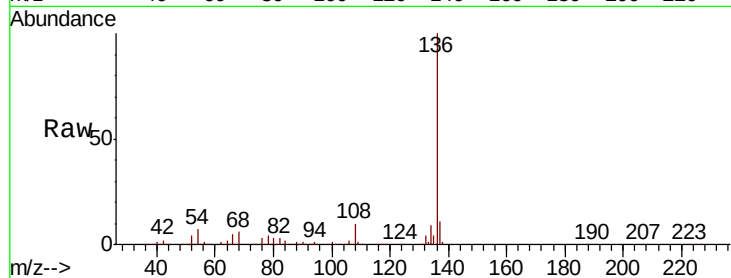
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

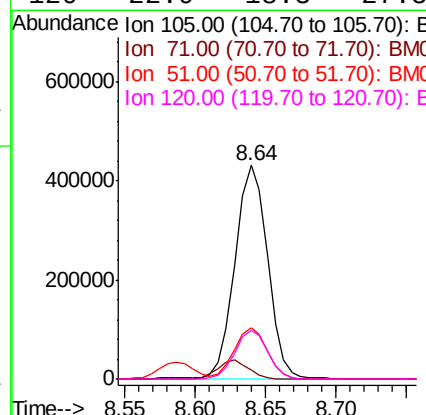
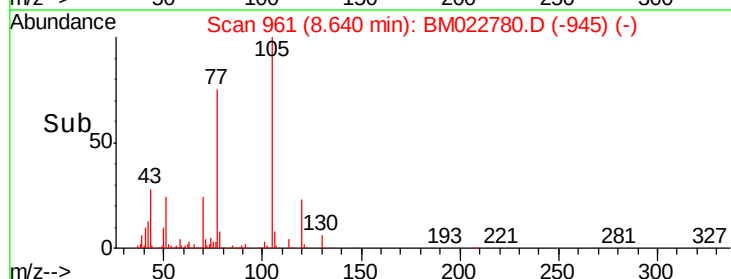
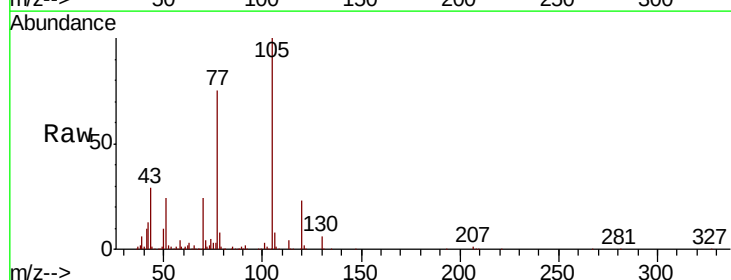
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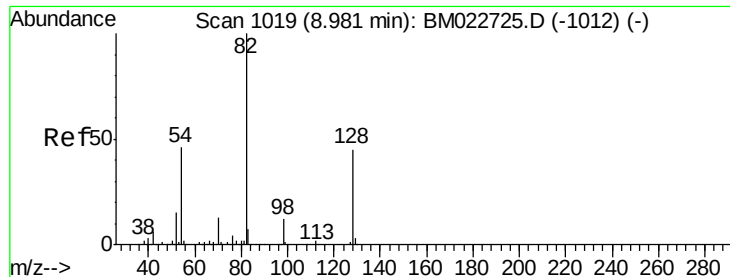
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#22
Acetophenone
Concen: 34.166 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

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





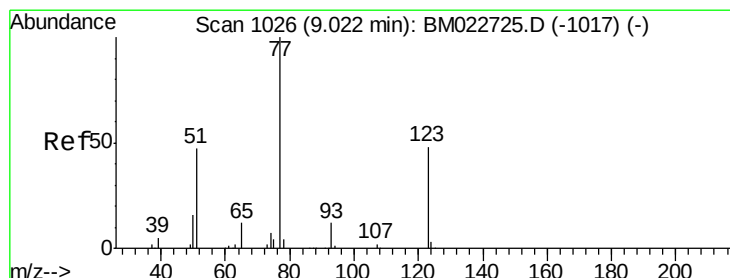
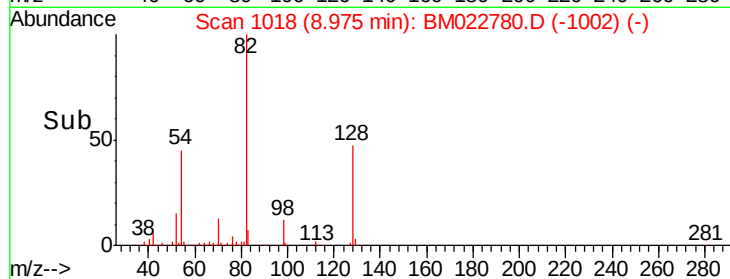
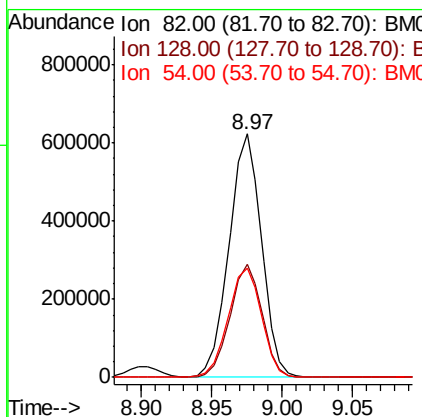
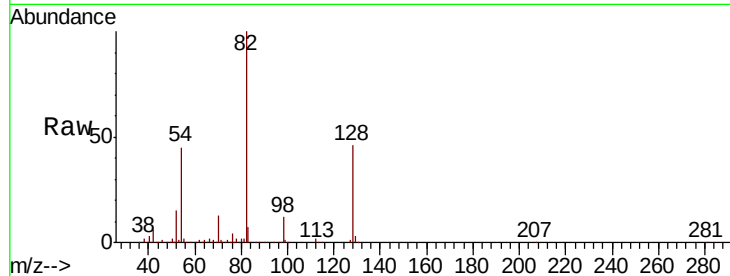
#23
 Nitrobenzene-d5
 Concen: 67.495 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

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

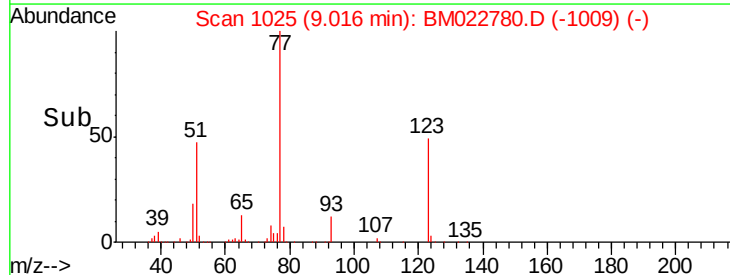
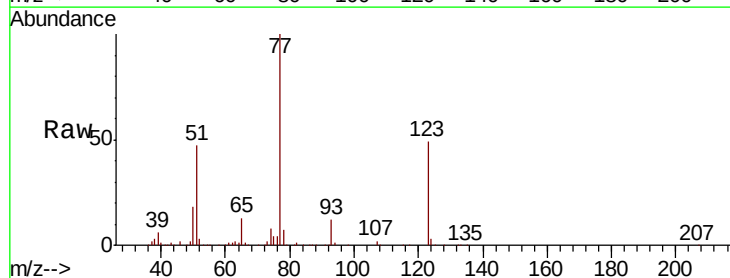
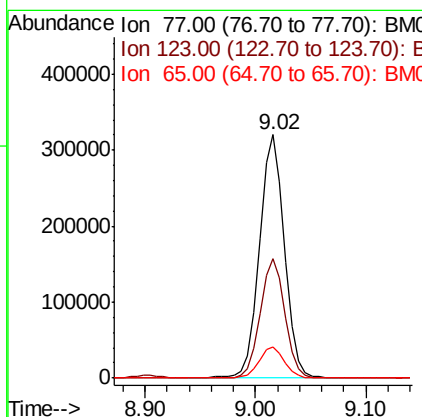
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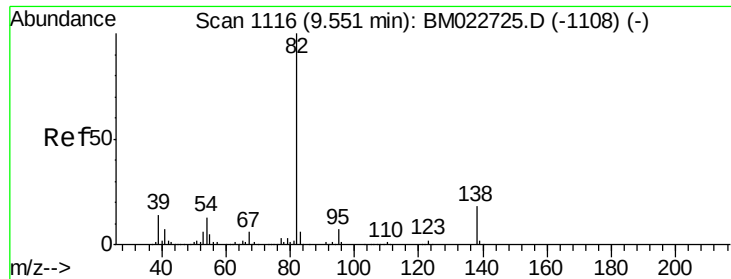
mohammad
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#24
 Nitrobenzene
 Concen: 35.861 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

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





#25

Isophorone

Concen: 37.508 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

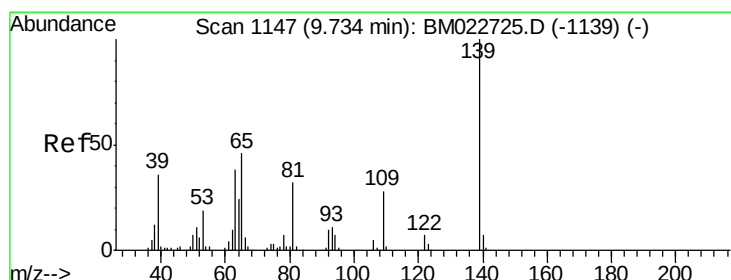
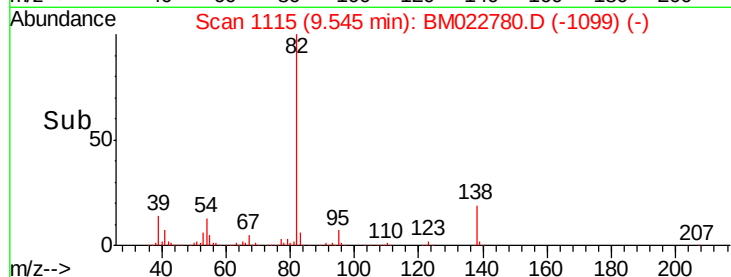
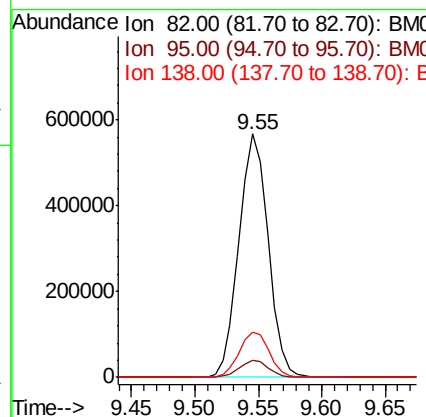
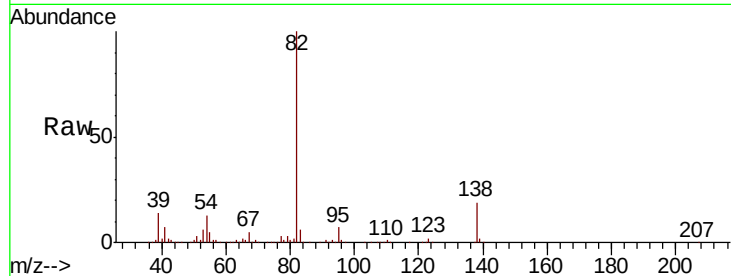
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	82	Resp:	907907
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.0
138	18.8	14.7	22.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.371 ng

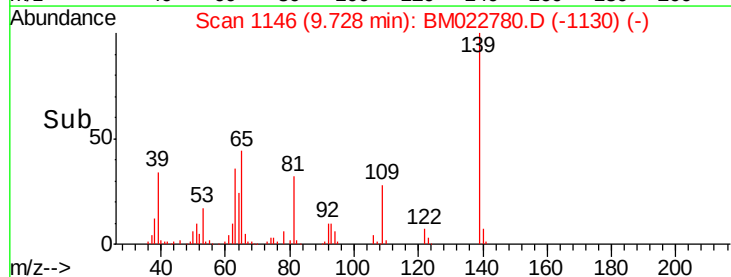
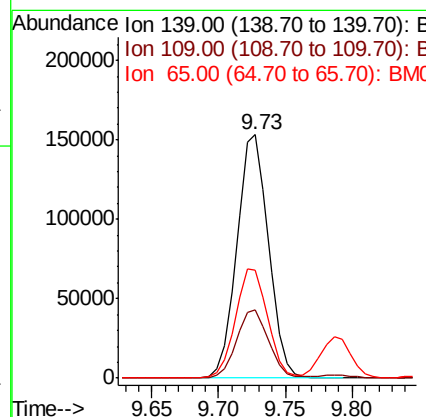
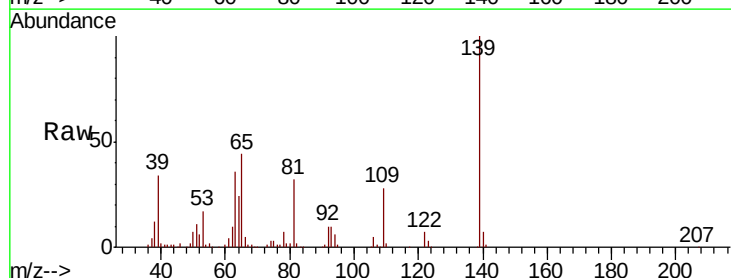
RT: 9.73 min Scan# 1146

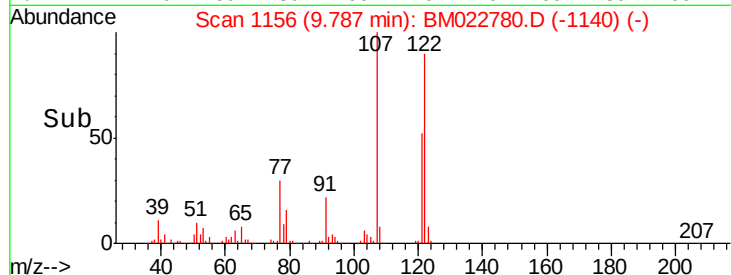
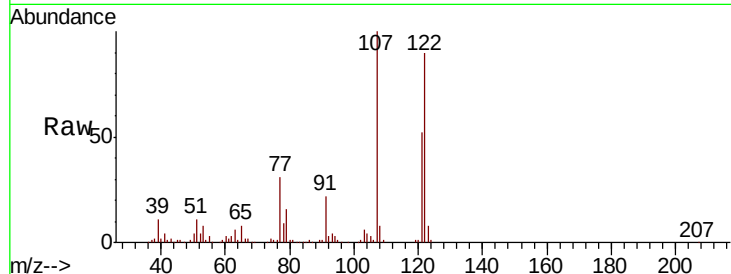
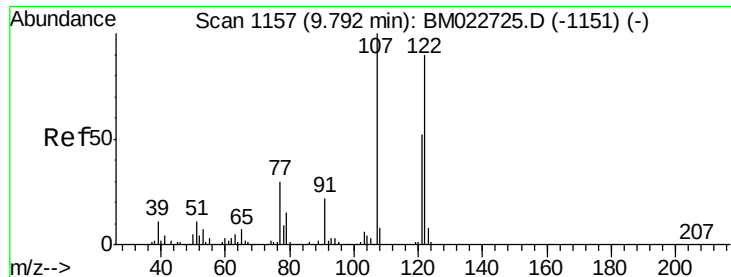
Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:	139	Resp:	251560
Ion Ratio		Lower	Upper
139	100		
109	27.9	22.6	33.8
65	44.3	37.0	55.4





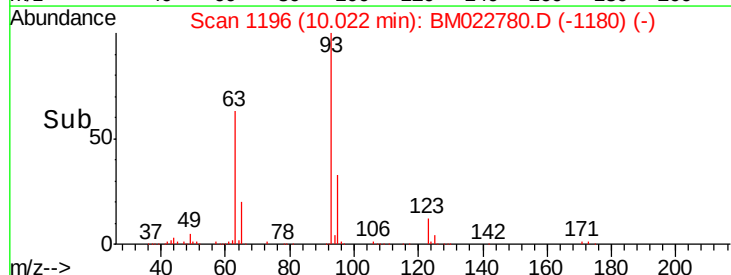
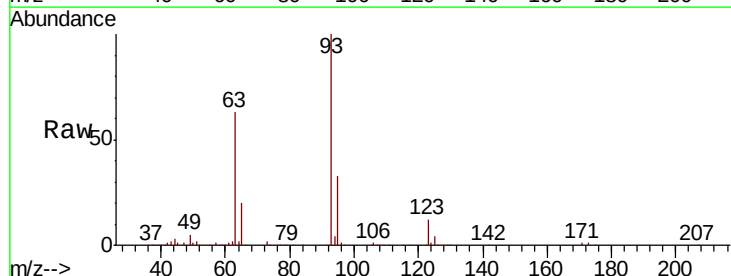
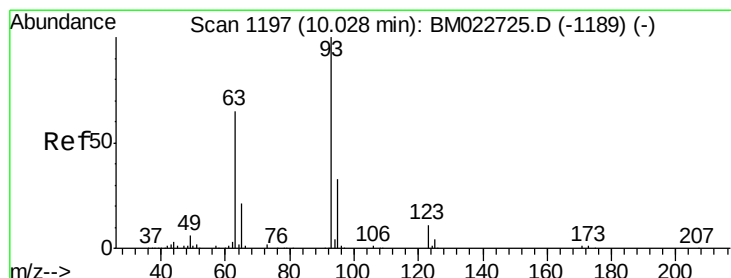
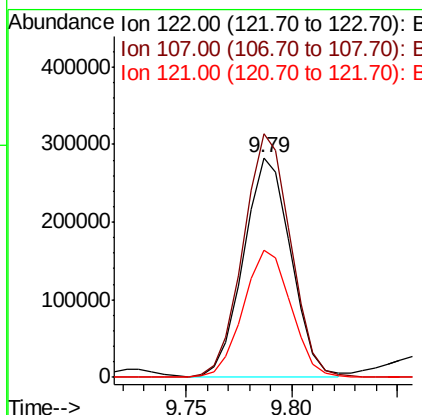
#27
2,4-Dimethylphenol
Concen: 43.083 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

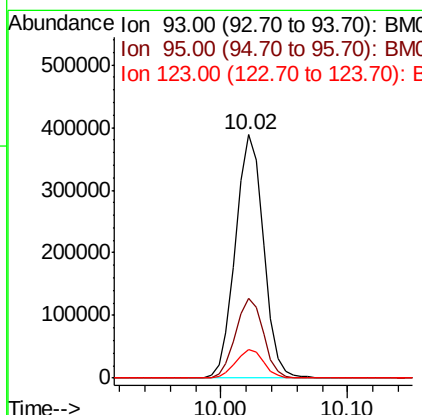
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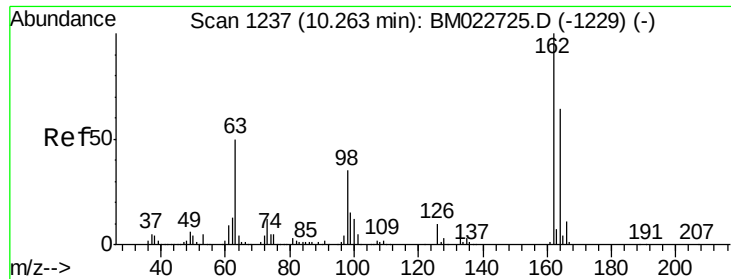
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.566 ng
RT: 10.02 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

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





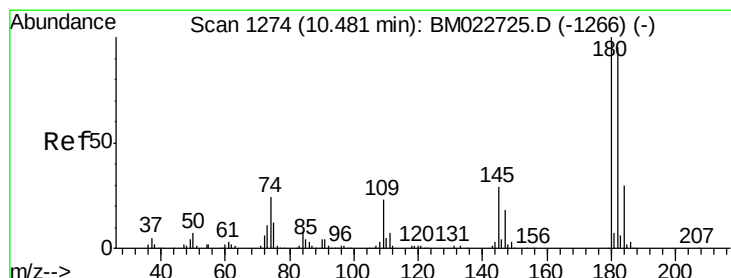
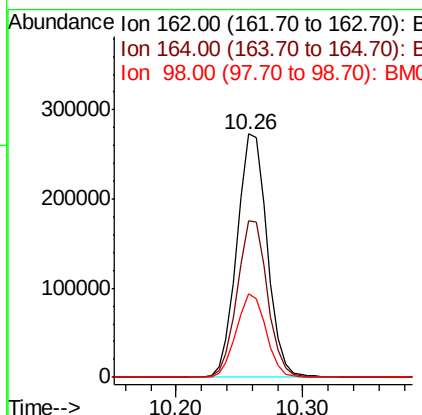
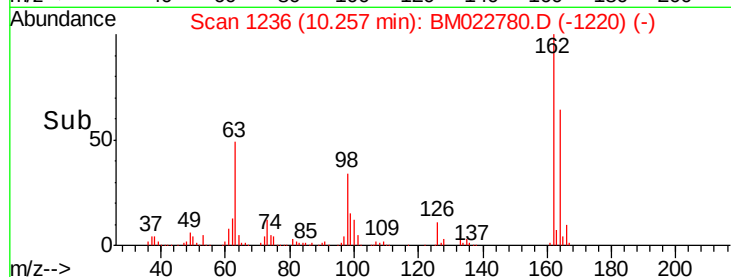
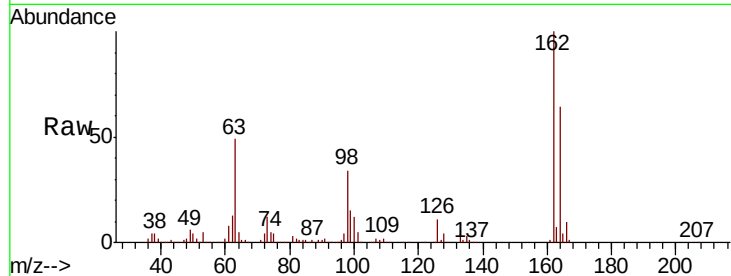
#29
2,4-Dichlorophenol
Concen: 39.060 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	449542		
164	64.1	44.4	84.4	
98	34.5	14.8	54.8	

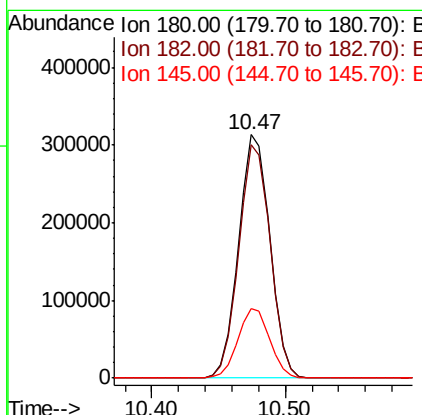
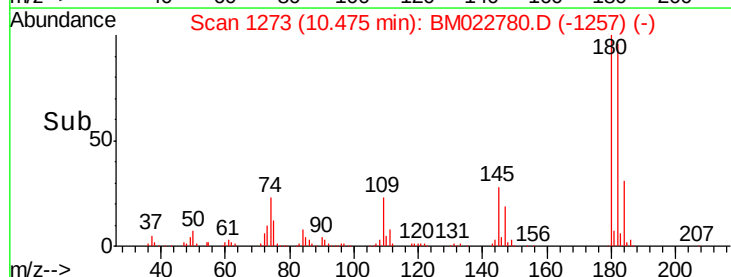
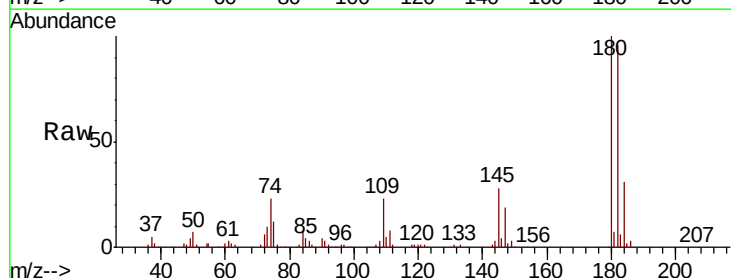
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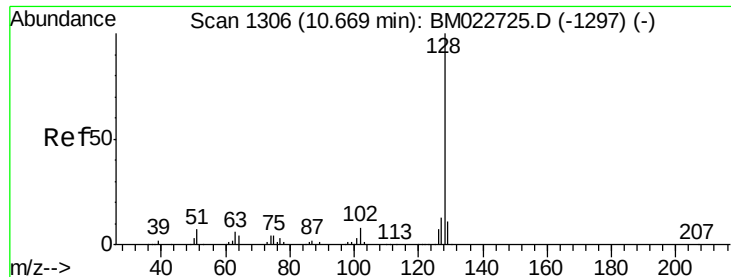
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 35.973 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	509373		
182	95.8	76.2	114.2	
145	28.5	23.0	34.4	





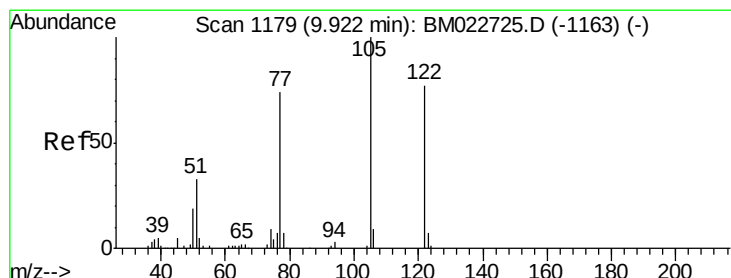
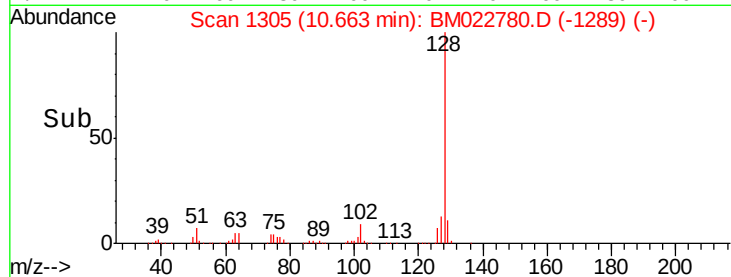
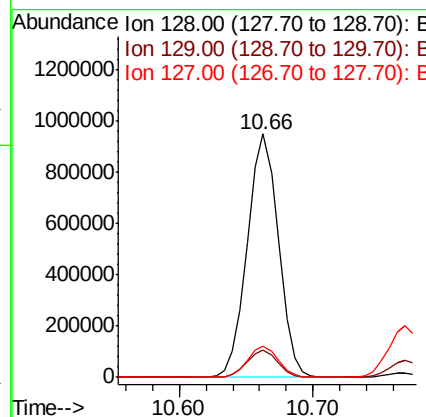
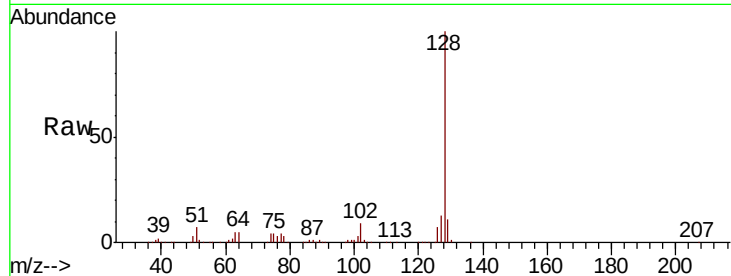
#31
Naphthalene
Concen: 37.771 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.2	15.4

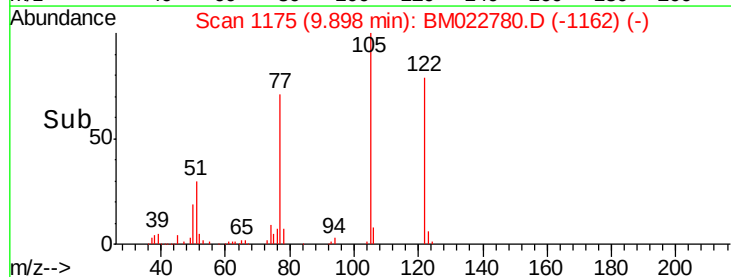
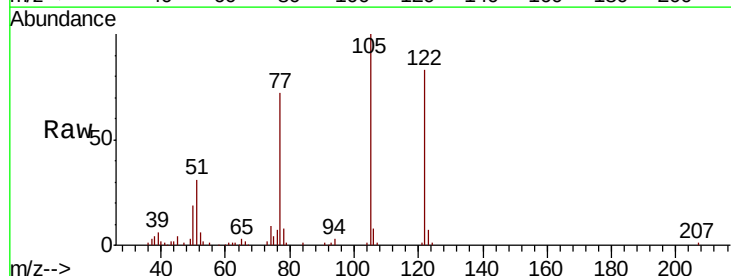
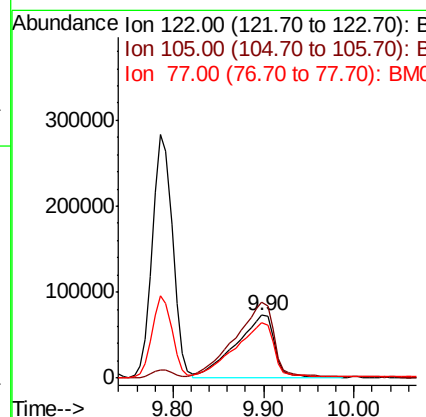
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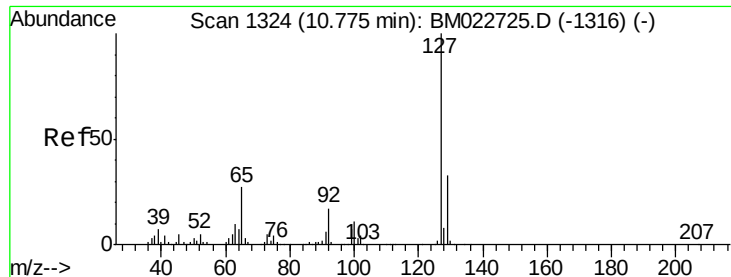
mohammad
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#32
Benzoic acid
Concen: 31.711 ng
RT: 9.90 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	105.3	145.3
77	87.1	74.7	114.7





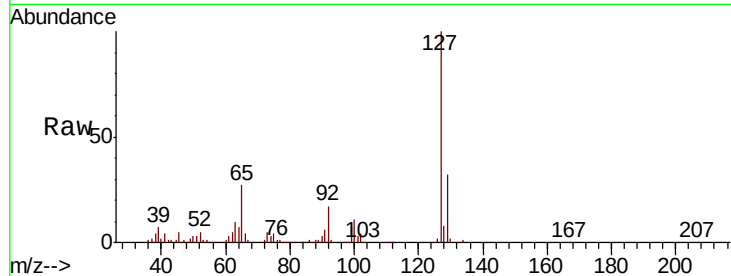
#33
4-Chloroaniline
Concen: 19.678 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

Manual Integrations
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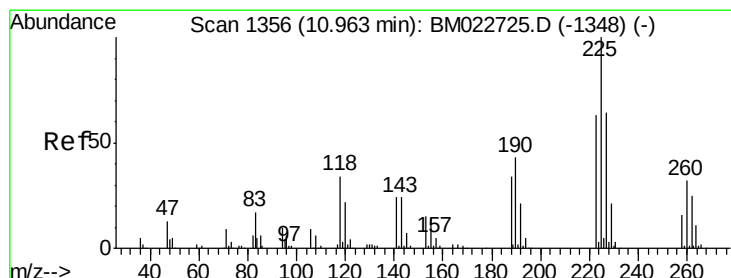
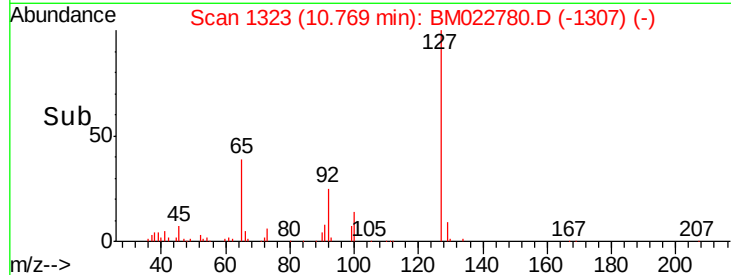
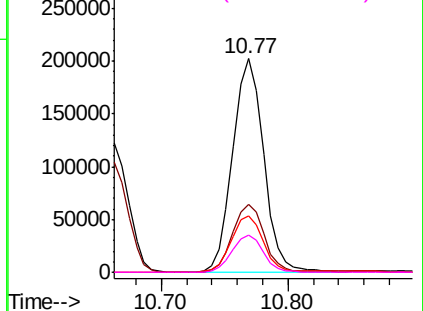
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

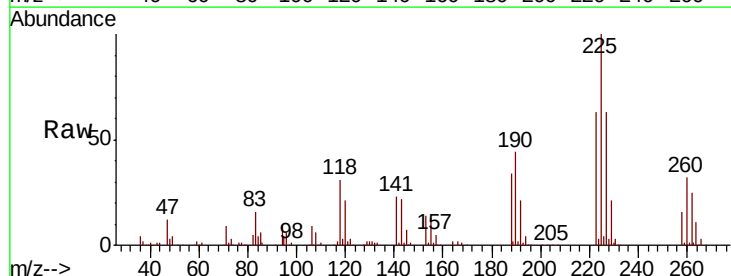
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



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

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

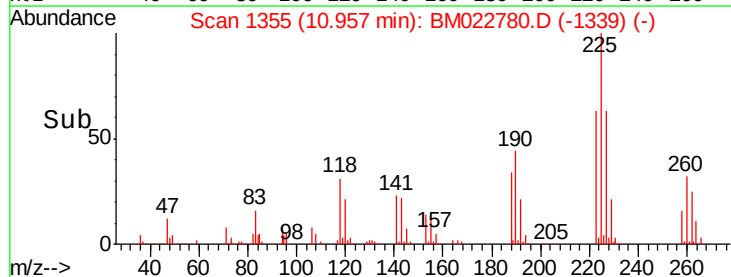
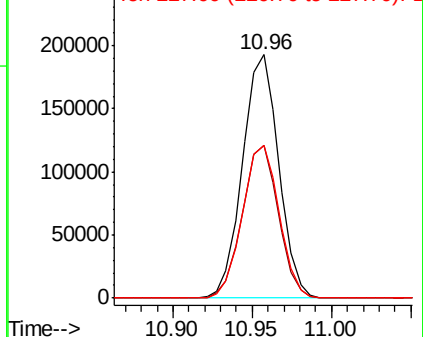


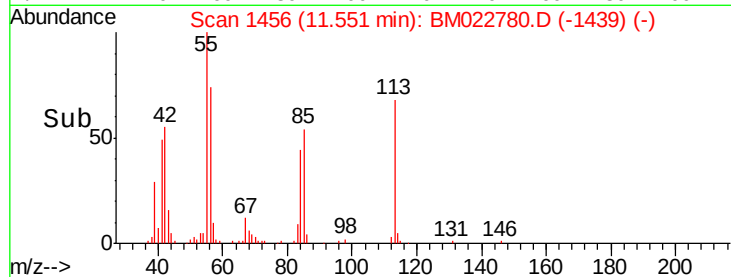
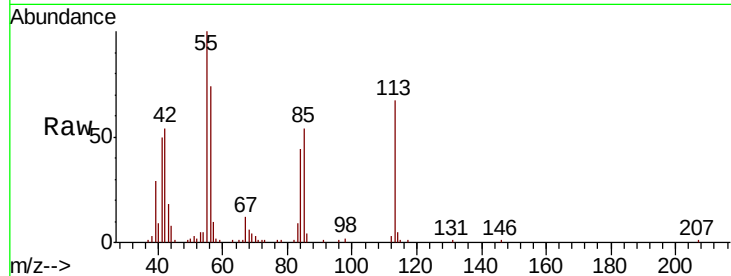
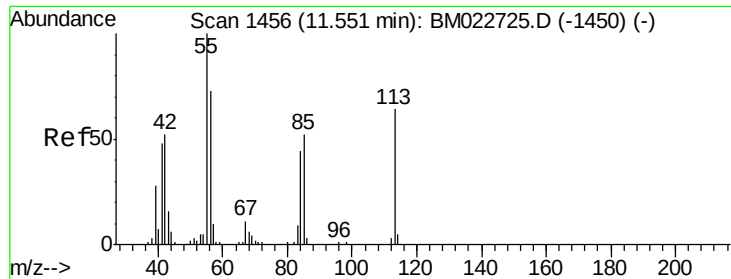
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.341 ng/mL

RT: 11.55 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:113 Resp: 123993

Ion Ratio Lower Upper

113 100

55 148.9 136.8 176.8

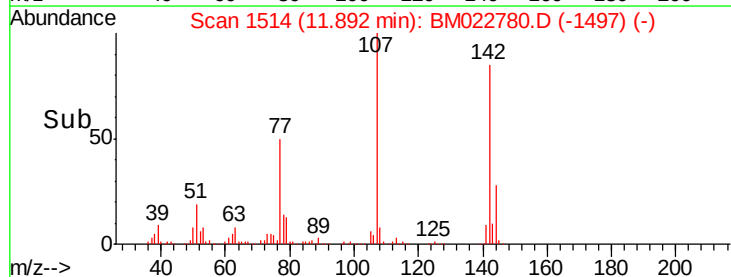
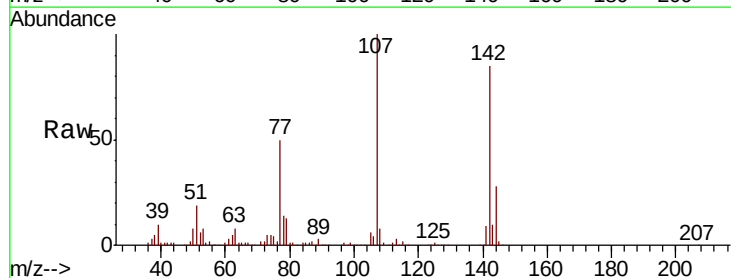
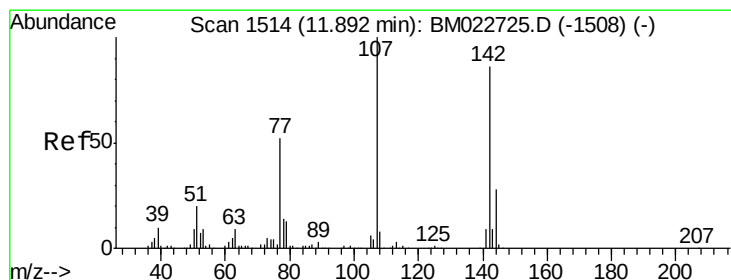
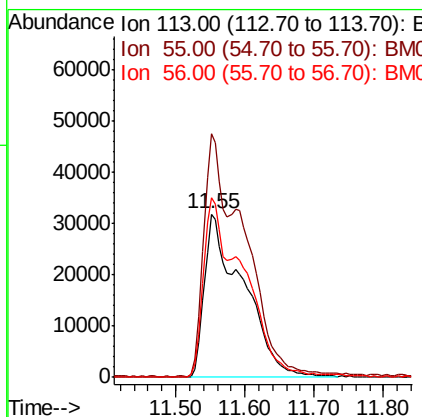
56 109.8 95.2 135.2

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#36

4-Chloro-3-methylphenol

Concen: 37.966 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

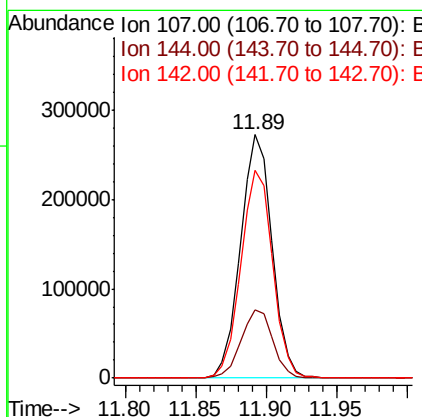
Tgt Ion:107 Resp: 426298

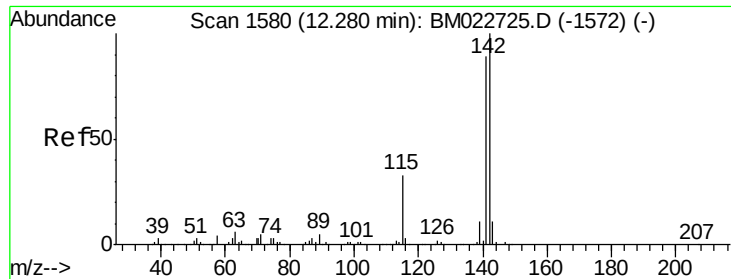
Ion Ratio Lower Upper

107 100

144 28.0 22.4 33.6

142 85.1 68.2 102.4





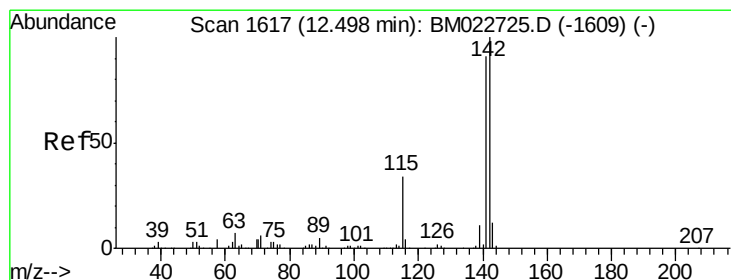
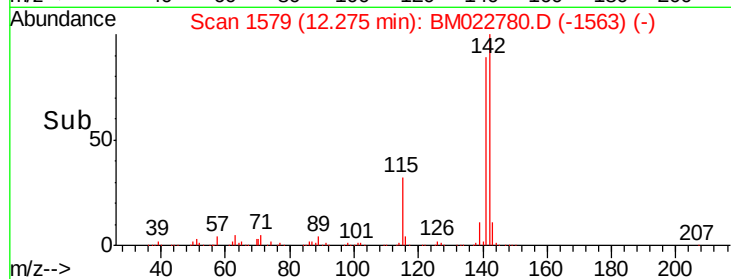
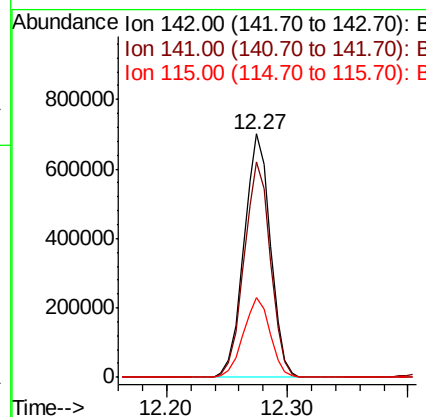
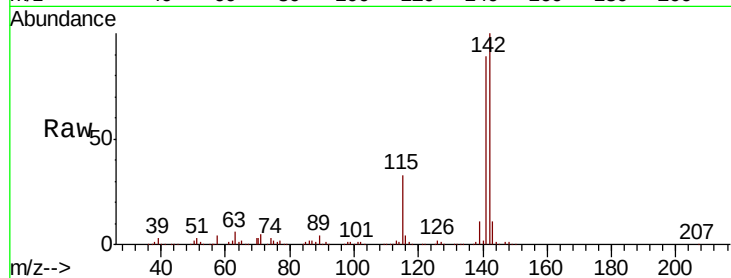
#37
2-Methylnaphthalene
Concen: 38.156 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.5	107.3
115	32.5	26.1	39.1

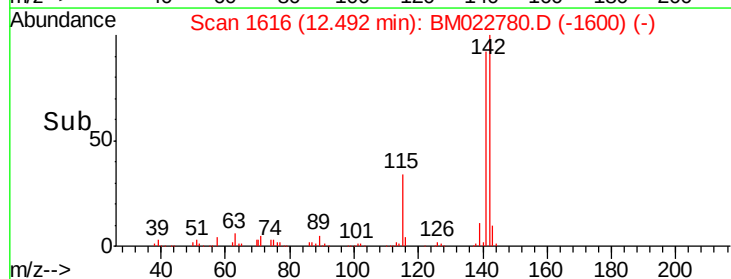
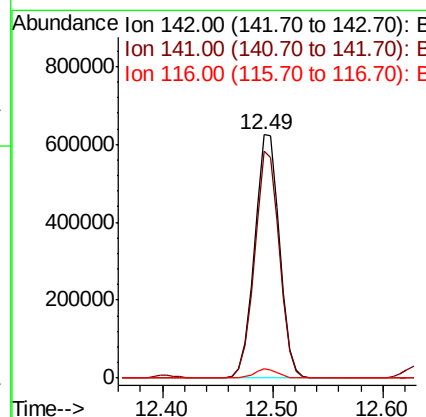
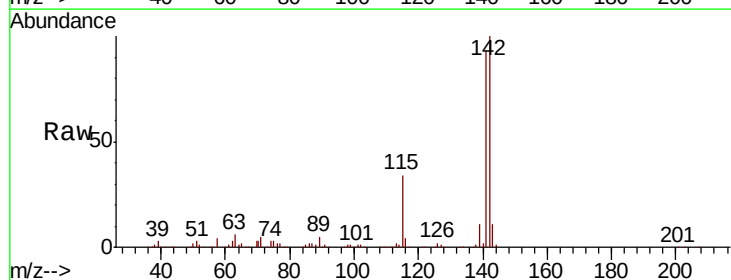
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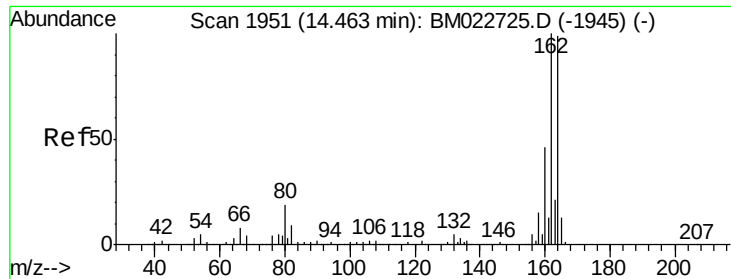
mohammad
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#38
1-Methylnaphthalene
Concen: 37.153 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.0	109.4
116	3.6	2.9	4.3





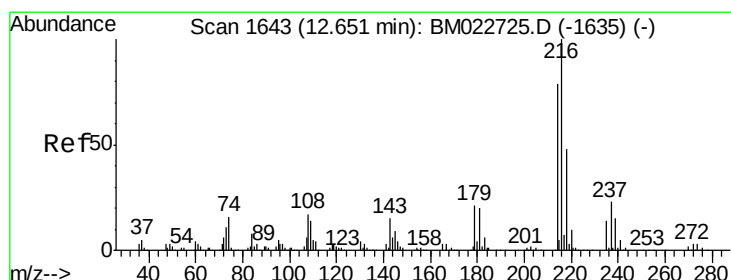
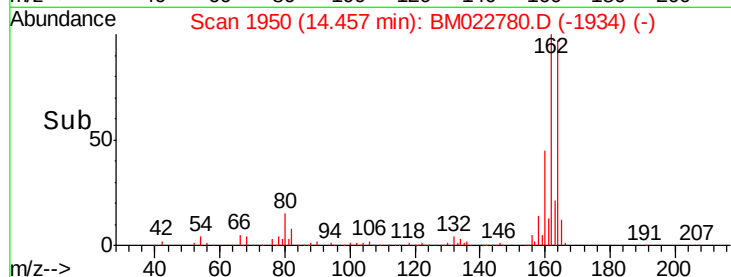
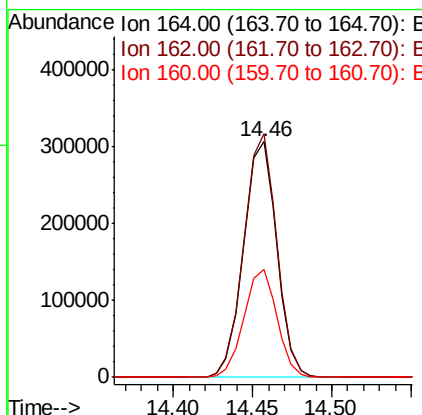
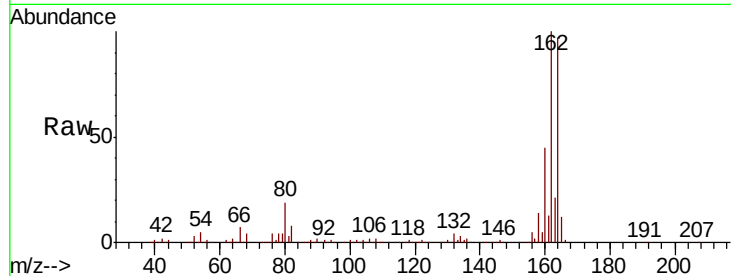
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	81.1	121.7	
160	46.0	36.9	55.3	

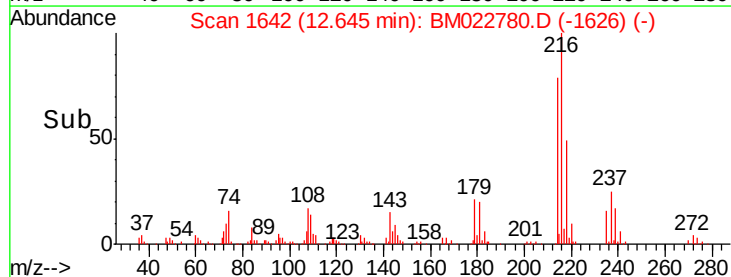
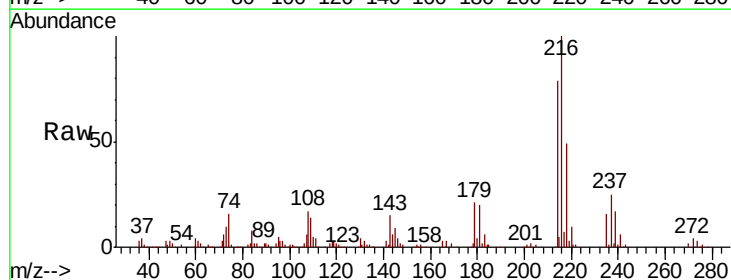
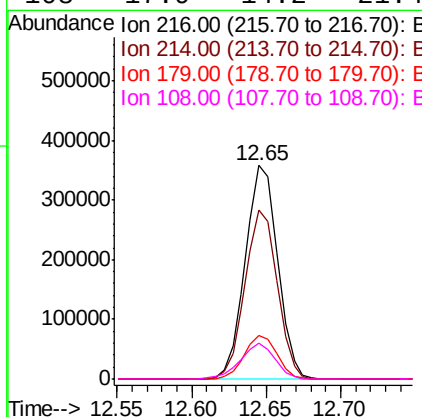
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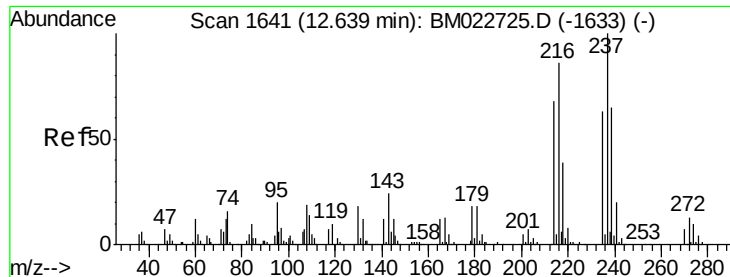
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.574 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	62.9	94.3	
179	20.5	16.6	24.8	
108	17.9	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 45.213 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

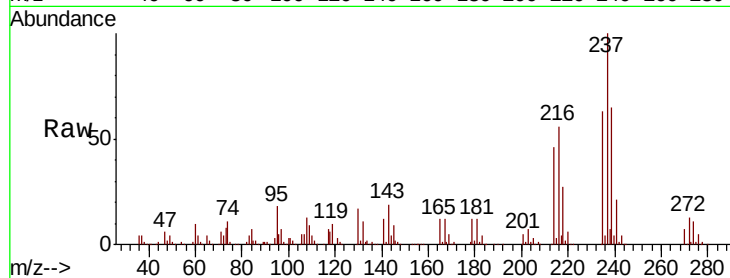
ClientSampleId :

SAND-STOCKPILE-1MS

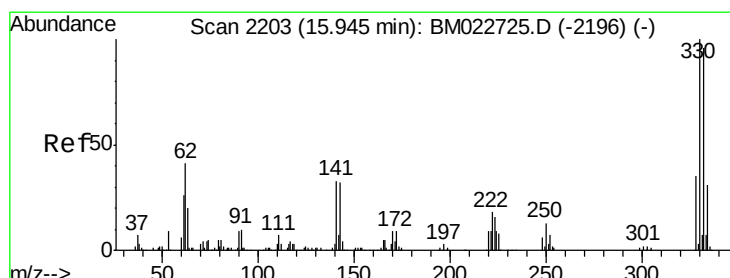
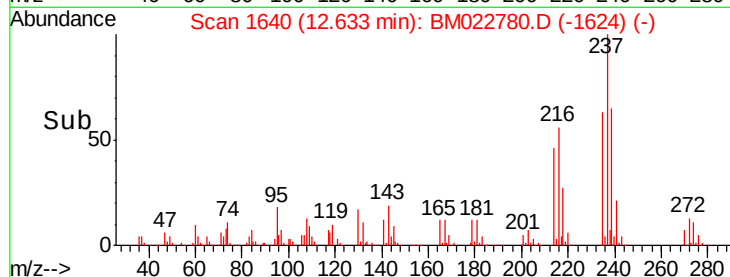
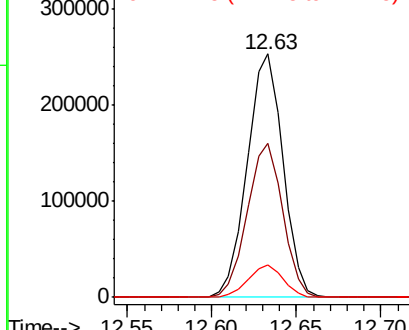
Tot Ion:	237	Resp:	372725
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.3	83.3
272	13.1	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 107.194 ng

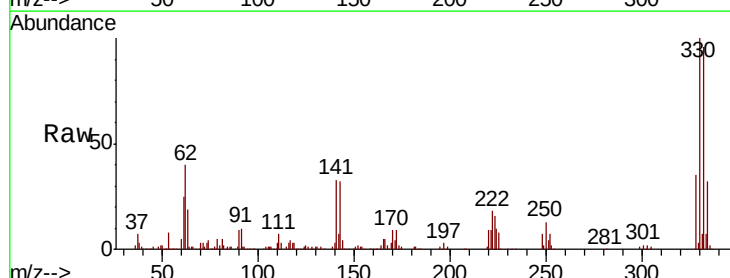
RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

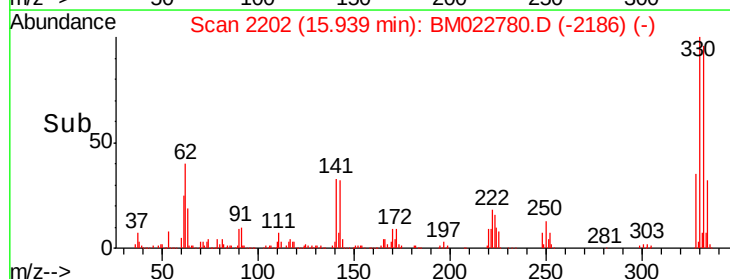
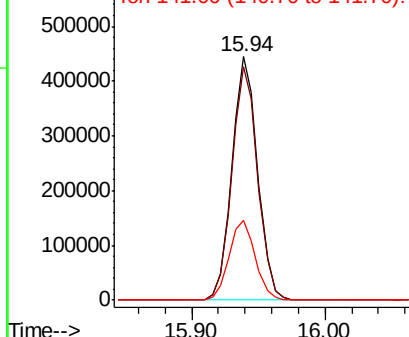
Lab File: BM022780.D

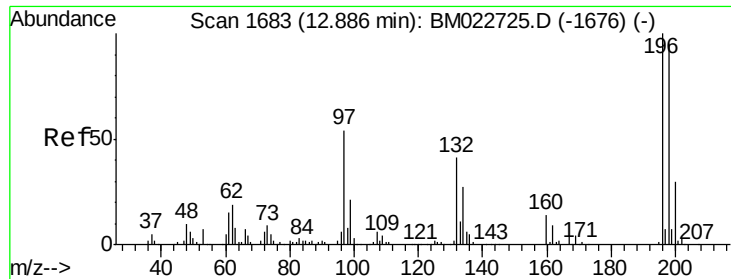
Acq: 25 Sep 2019 20:20

Tgt Ion:	330	Resp:	596695
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.9	115.3
141	33.6	28.6	42.8



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





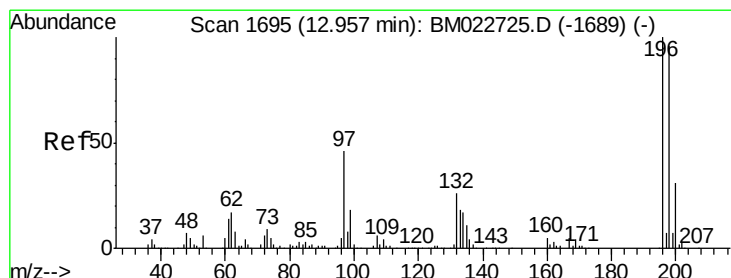
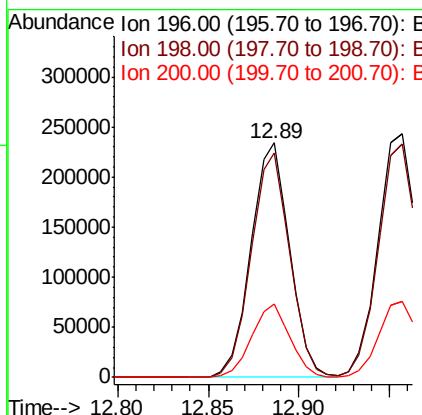
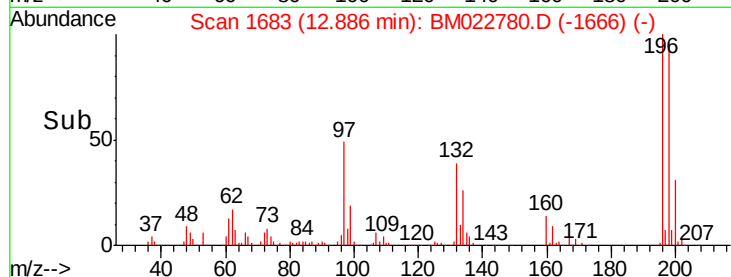
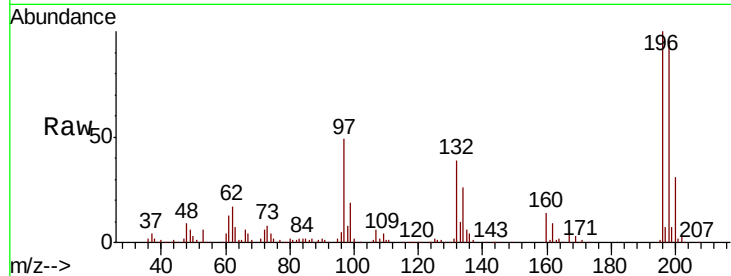
#43
 2,4,6-Trichlorophenol
 Concen: 39.661 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

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

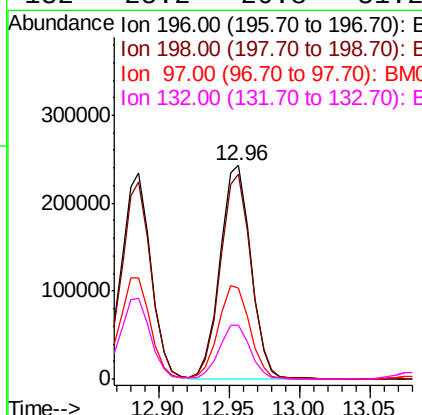
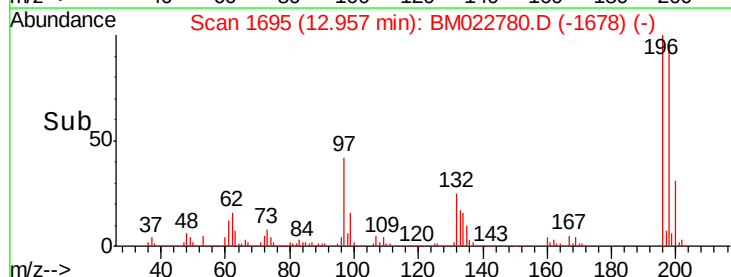
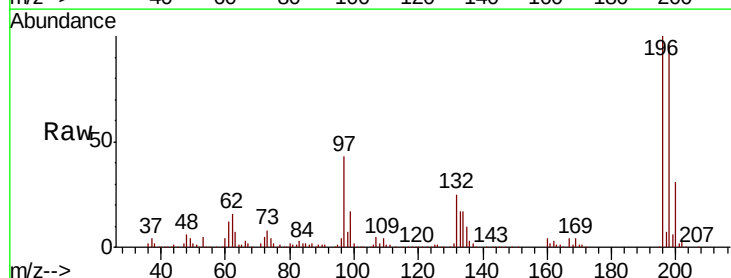
Manual Integrations
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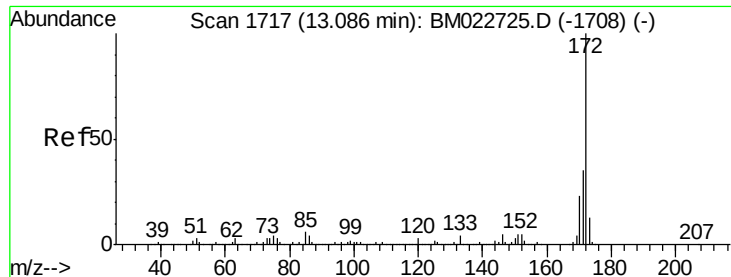
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.428 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

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





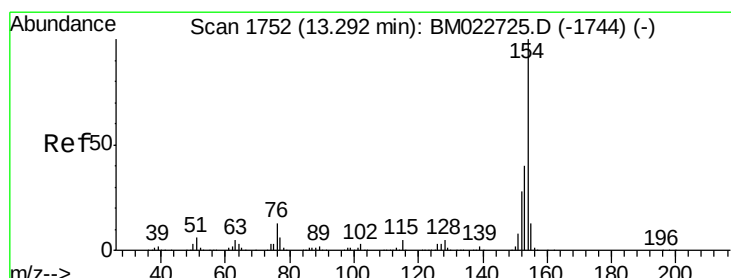
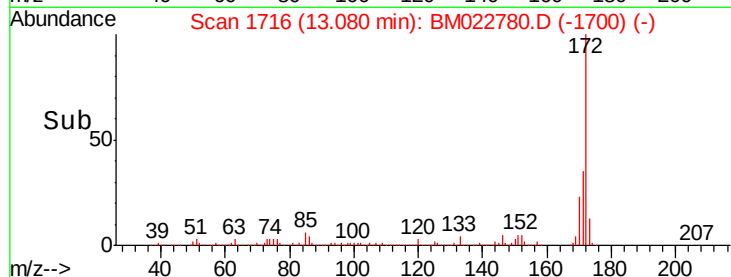
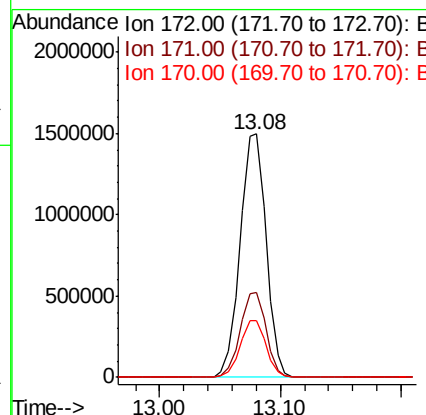
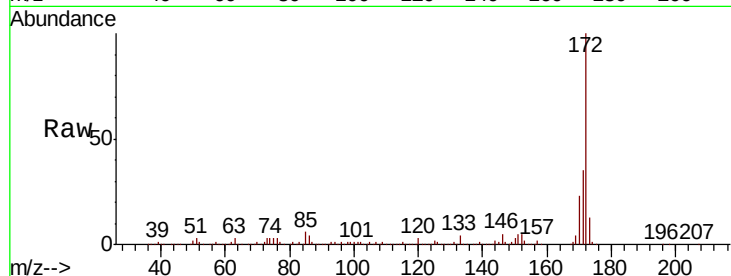
#45
2-Fluorobiphenyl
Concen: 69.593 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

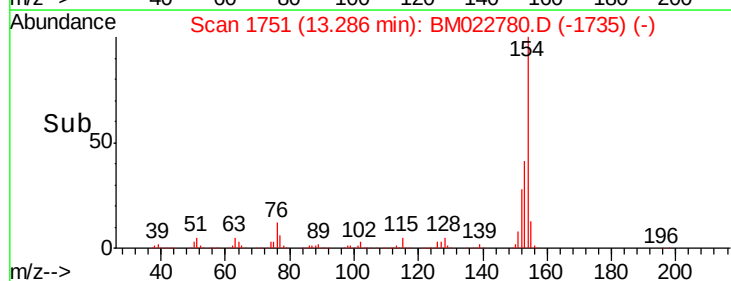
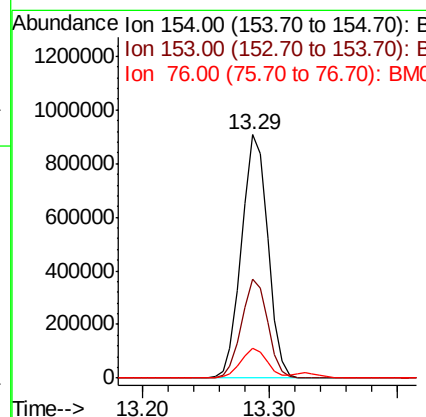
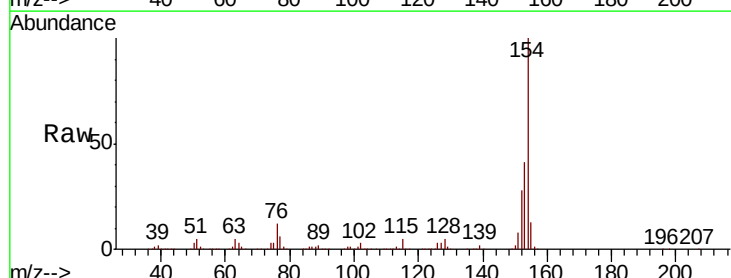
Manual Integrations
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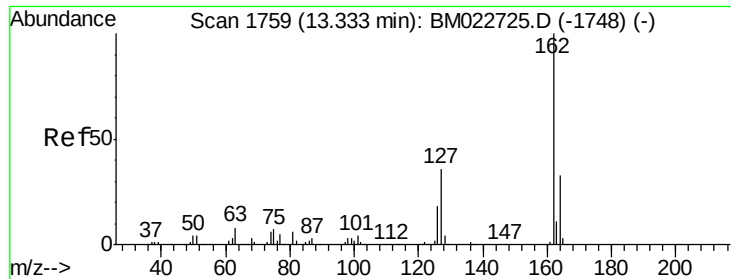
mohammad
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#46
1,1'-Biphenyl
Concen: 35.202 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

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





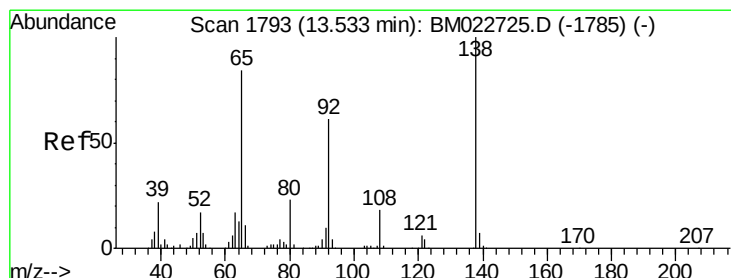
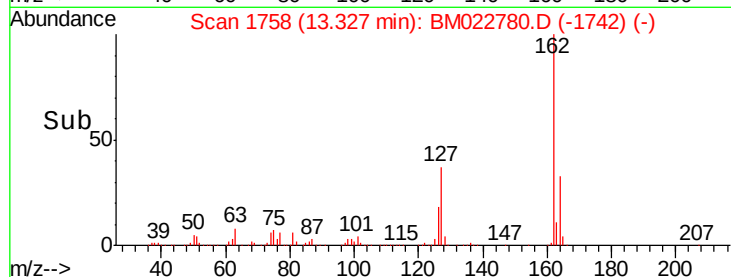
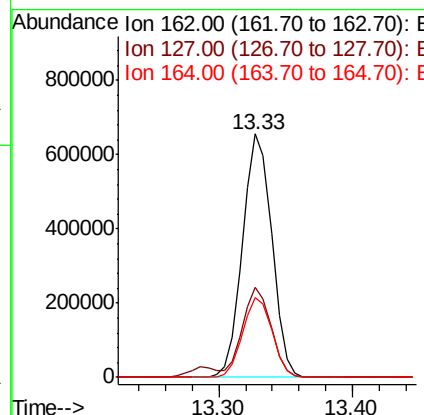
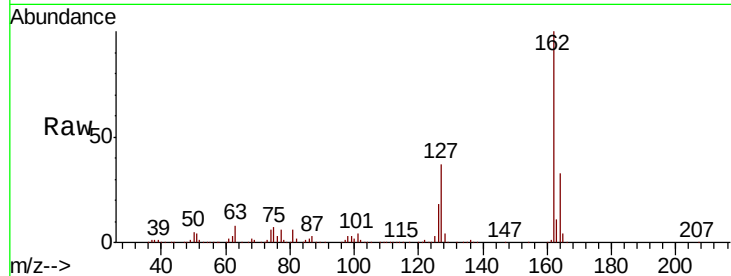
#47
2-Chloronaphthalene
Concen: 36.030 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	991079		
127	36.8	29.0	43.6	
164	33.0	26.0	39.0	

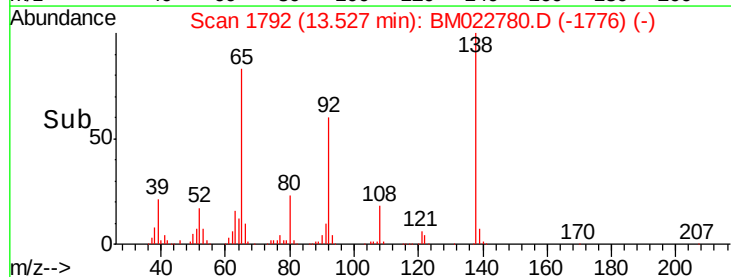
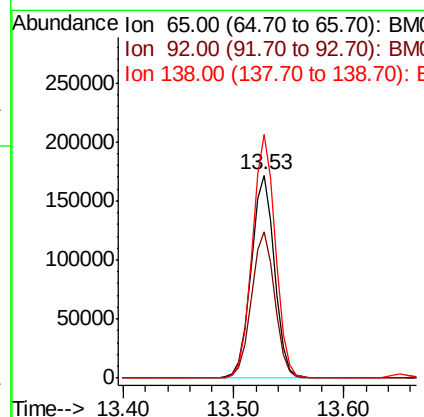
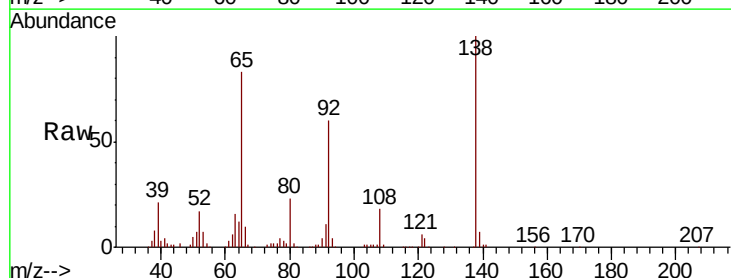
Manual Integrations
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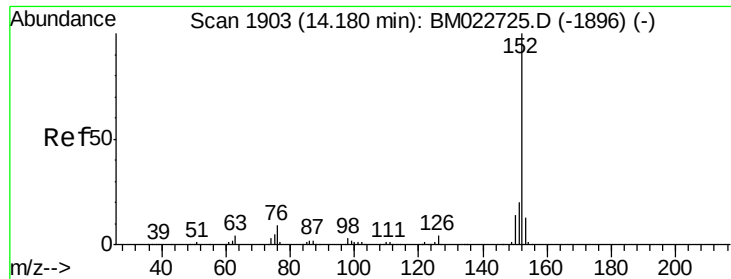
mohammad
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#48
2-Nitroaniline
Concen: 35.655 ng
RT: 13.53 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	255382		
92	71.9	58.6	87.8	
138	119.9	95.4	143.0	





#49

Acenaphthylene

Concen: 41.501 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

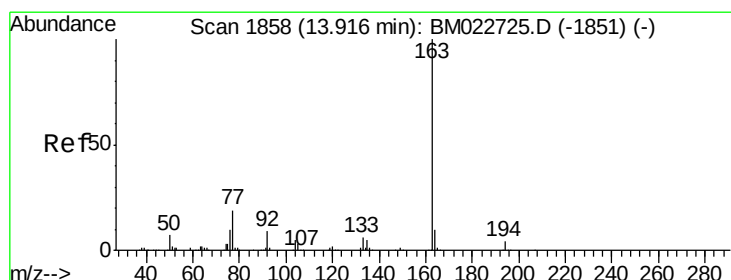
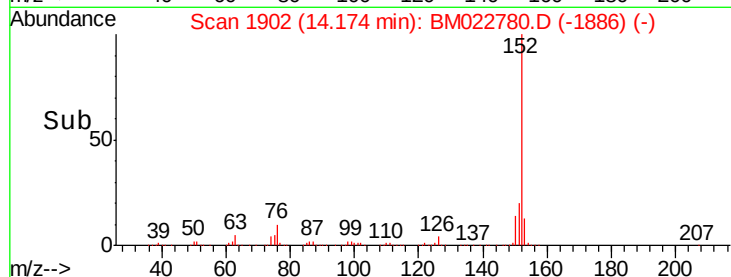
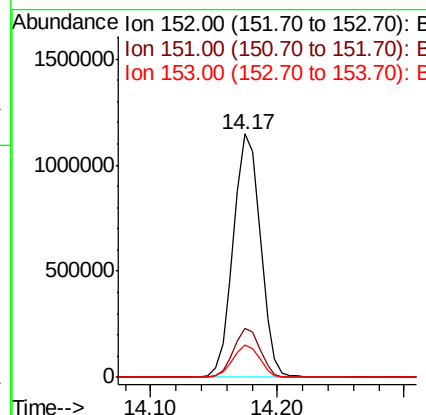
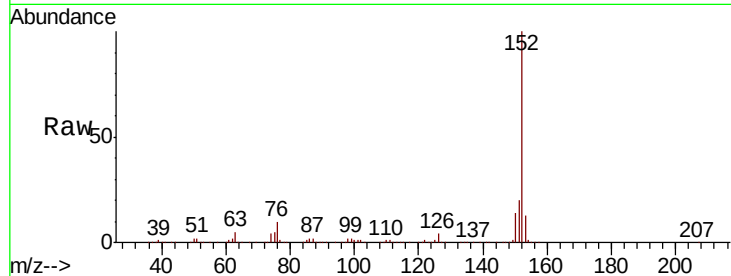
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	152	Resp:	1690490
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.4	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.108 ng

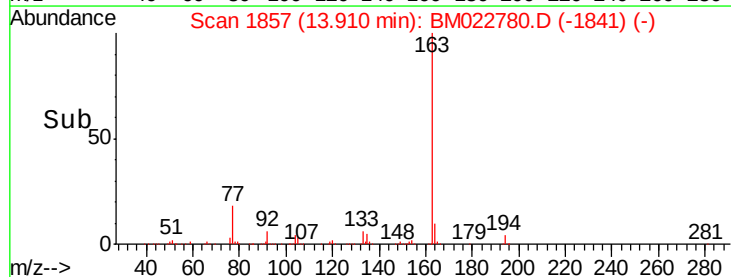
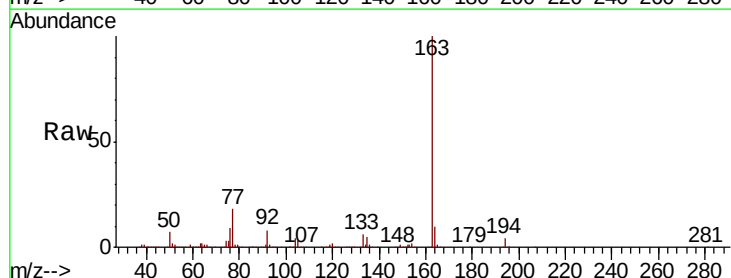
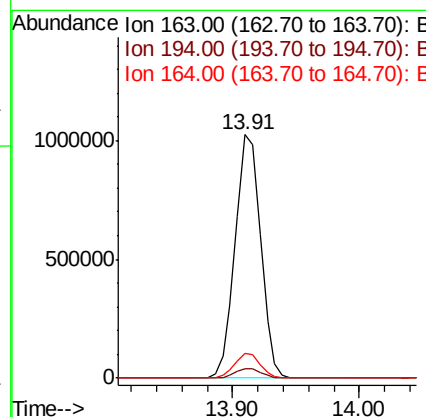
RT: 13.91 min Scan# 1857

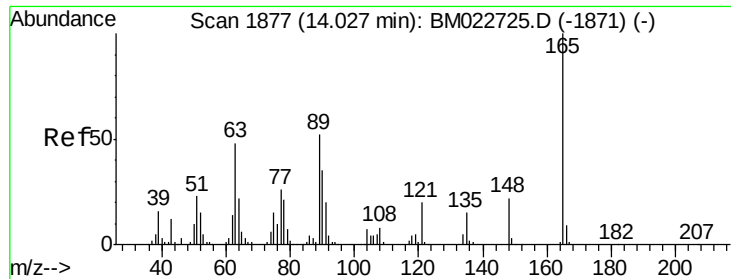
Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:	163	Resp:	1421369
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.4	8.2	12.2





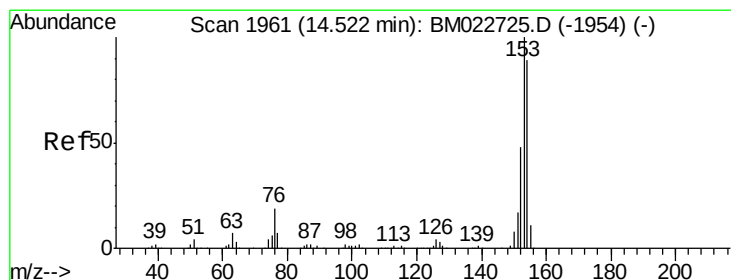
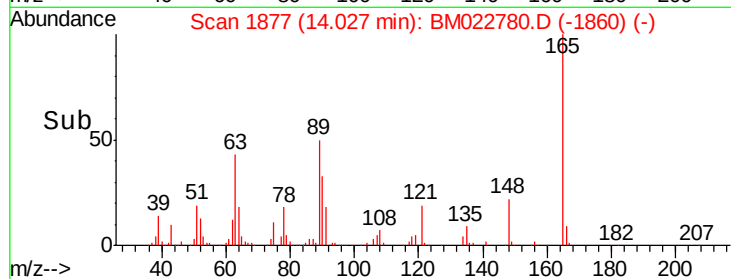
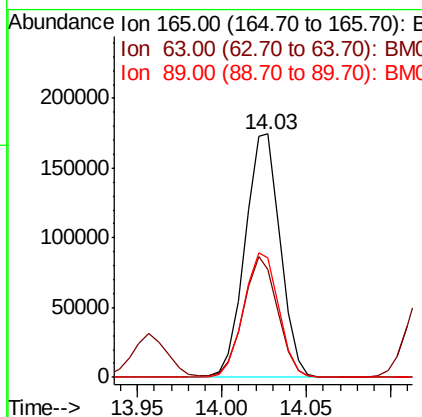
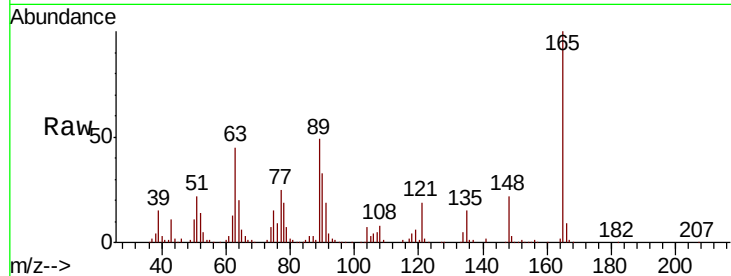
#51
 2,6-Dinitrotoluene
 Concen: 37.475 ng
 RT: 14.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	252605		
63	44.5	38.6	58.0	
89	49.2	41.6	62.4	

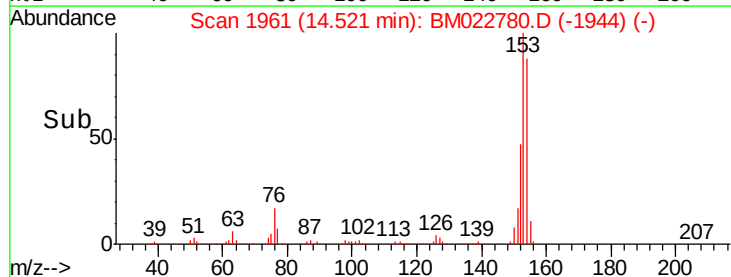
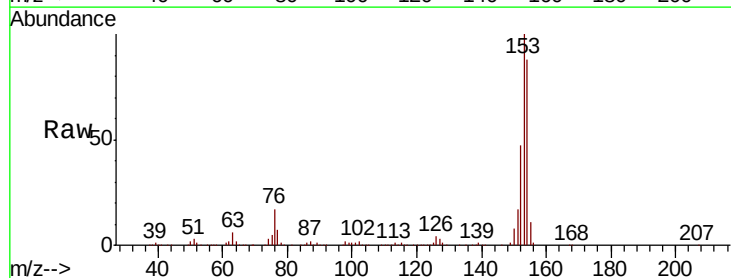
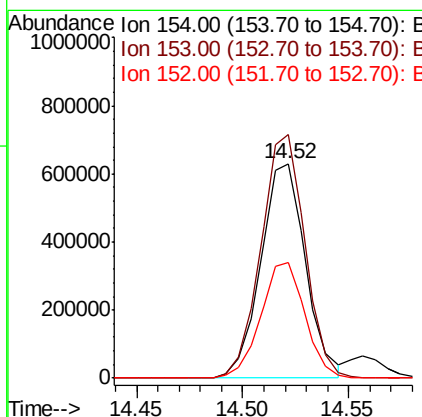
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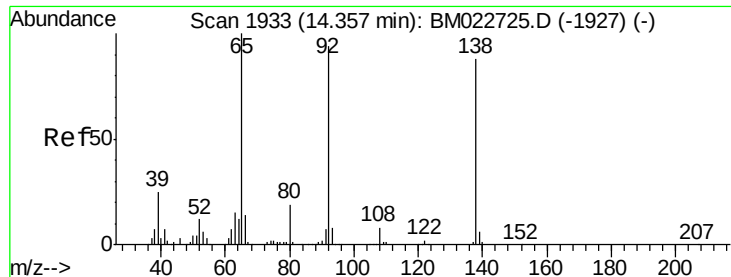
mohammad
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#52
 Acenaphthene
 Concen: 34.863 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	929058		
153	113.6	90.0	135.0	
152	53.8	42.9	64.3	





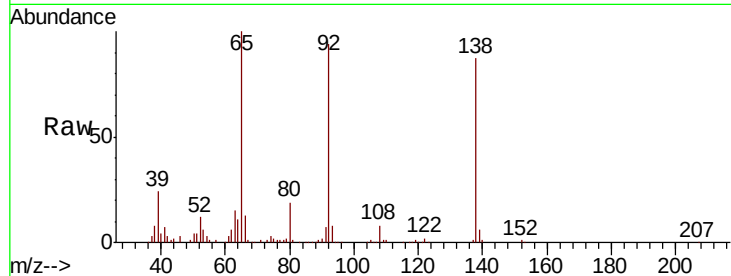
#53
3-Nitroaniline
Concen: 24.765 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

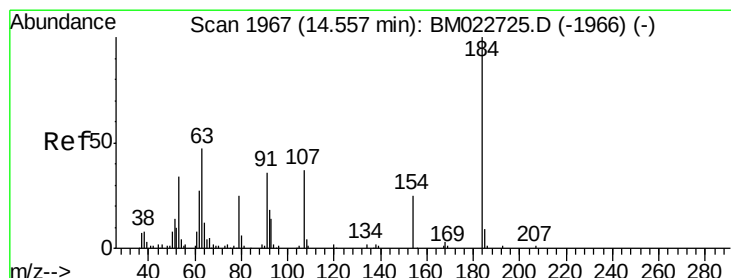
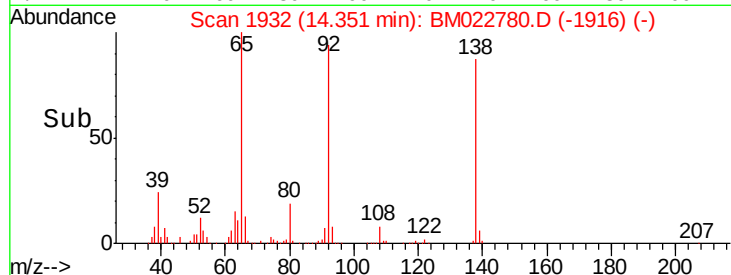
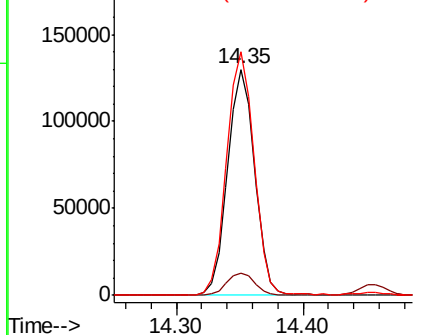
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.3	10.9
92	107.8	86.3	129.5

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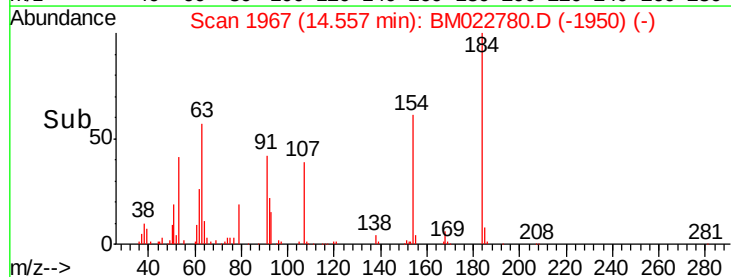
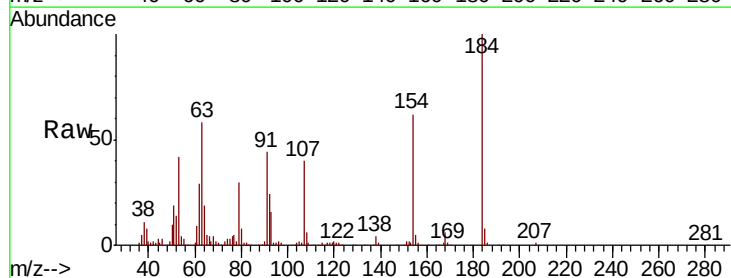
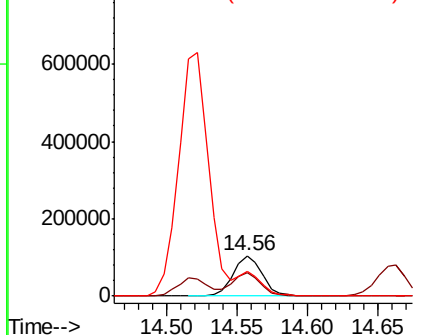
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

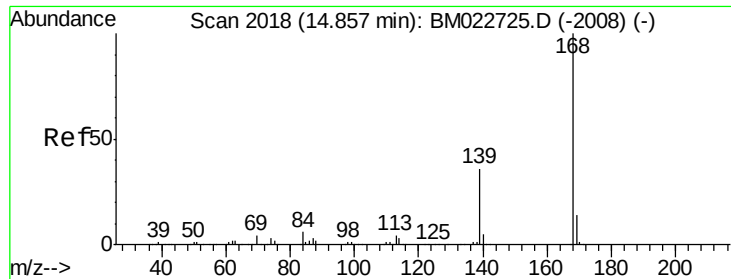


#54
2,4-Dinitrophenol
Concen: 44.257 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

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

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





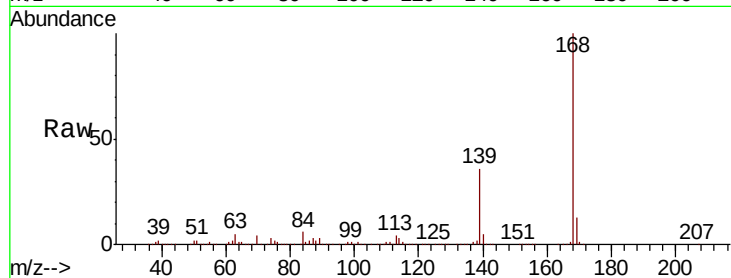
#55
Dibenzenofuran
Concen: 36.884 ng
RT: 14.85 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.8	43.2
169	13.5	10.9	16.3

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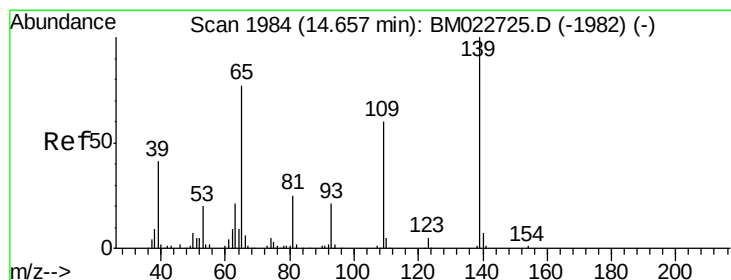
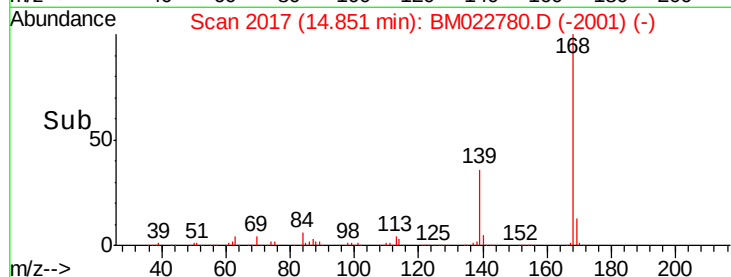
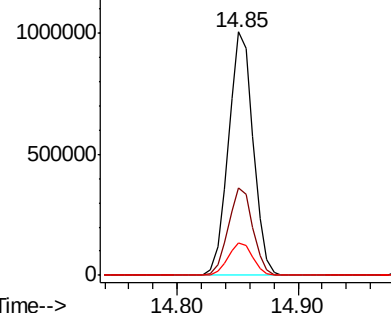


Abundance

Ion 168.00 (167.70 to 168.70): E

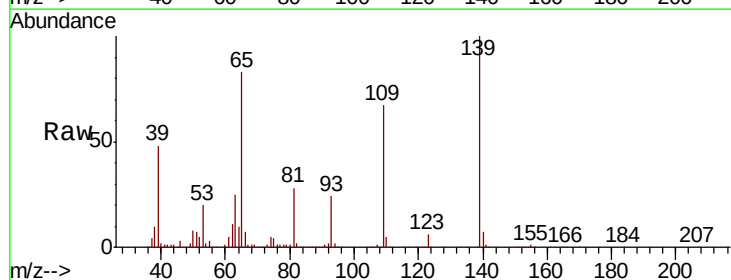
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 77.209 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	44.8	84.8
65	83.2	66.6	106.6

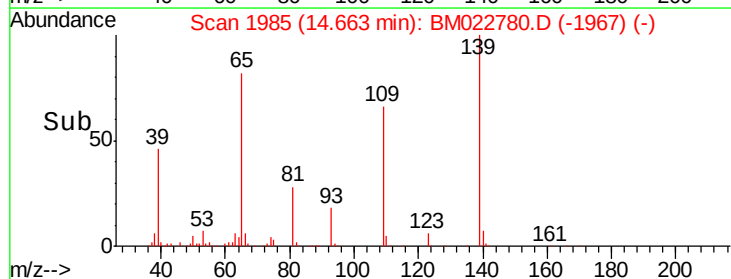
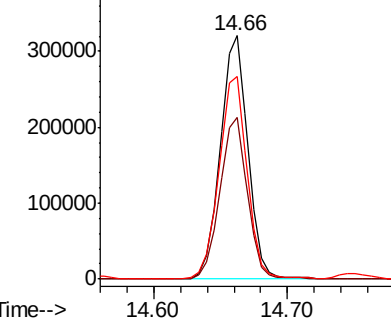


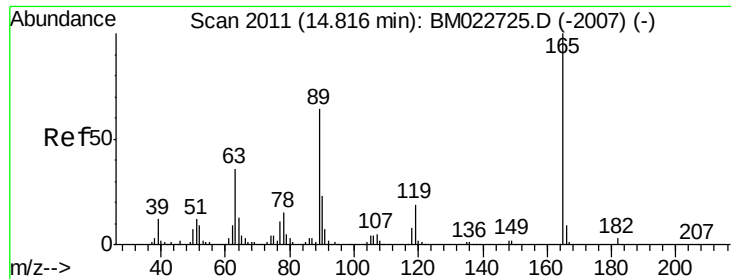
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





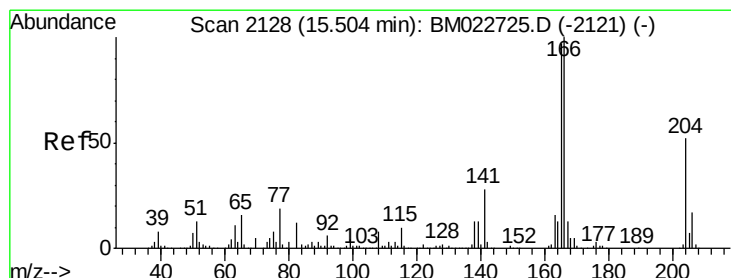
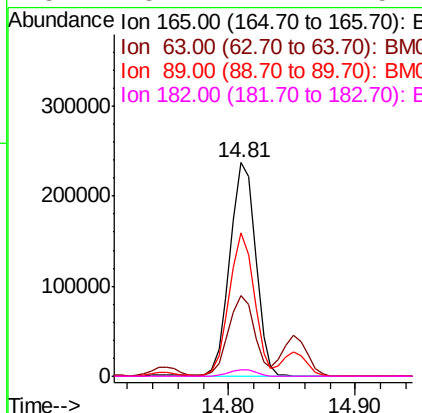
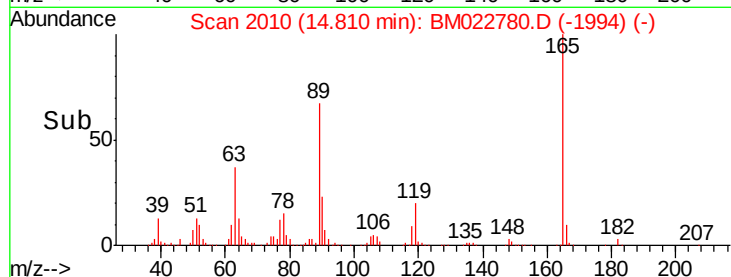
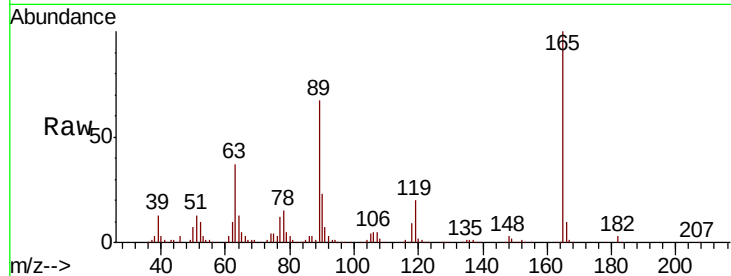
#57
2,4-Dinitrotoluene
Concen: 37.636 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

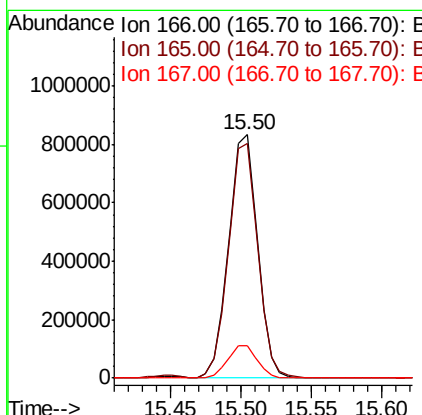
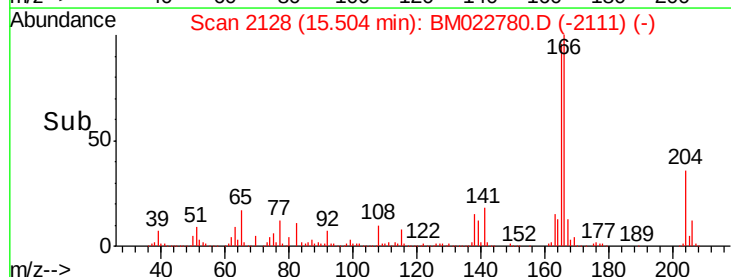
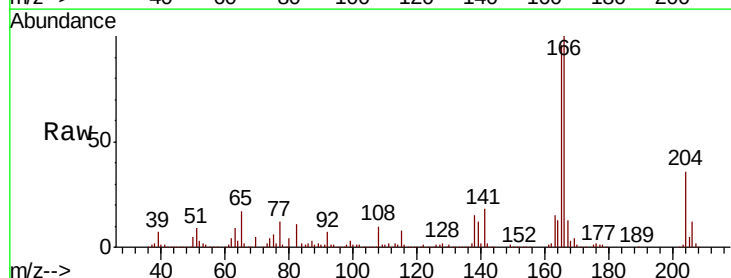
Manual Integrations
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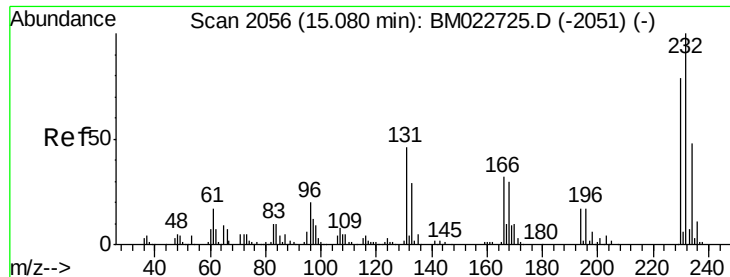
mohammad
9/26/2019 3:55:04 PM



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

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





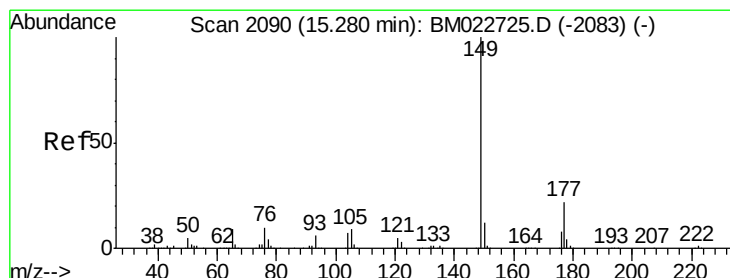
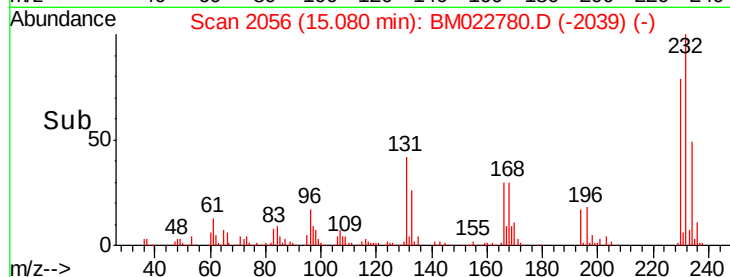
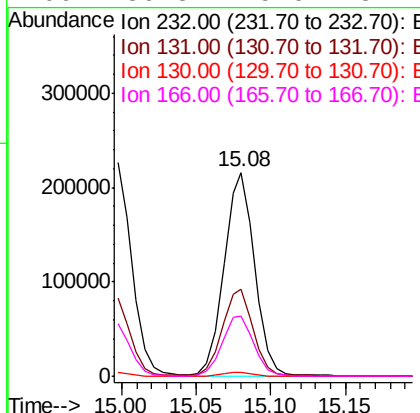
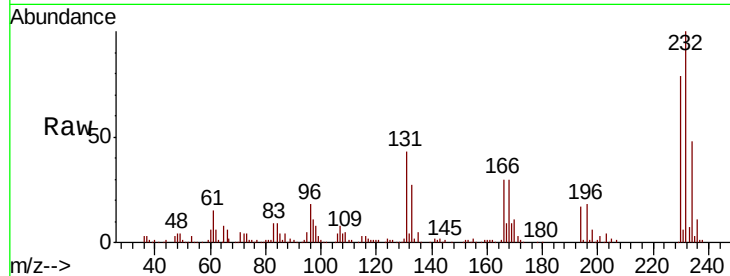
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.835 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

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

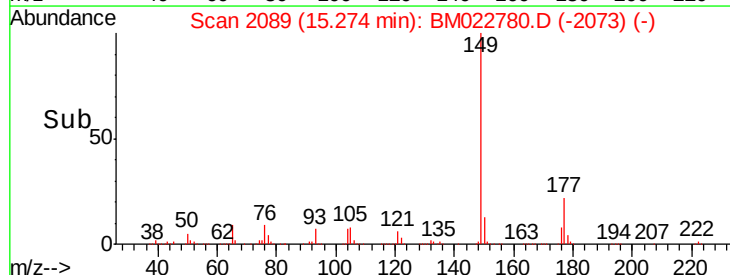
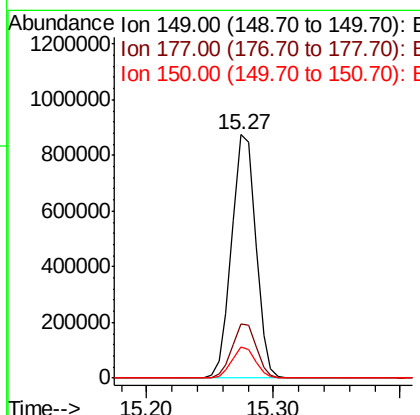
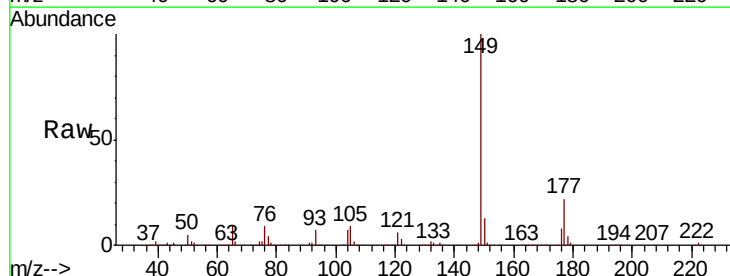
Manual Integrations
 APPROVED

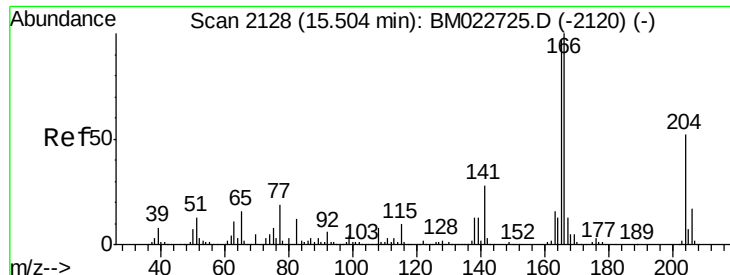
mohammad
 9/26/2019 3:55:04 PM



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

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





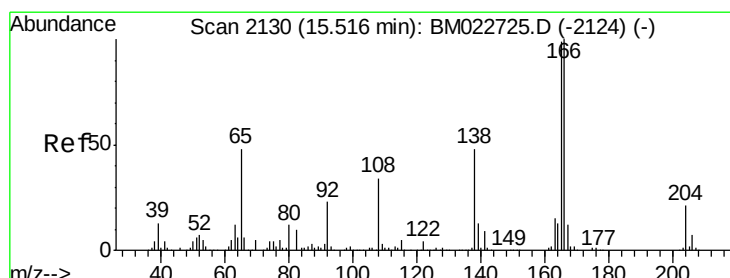
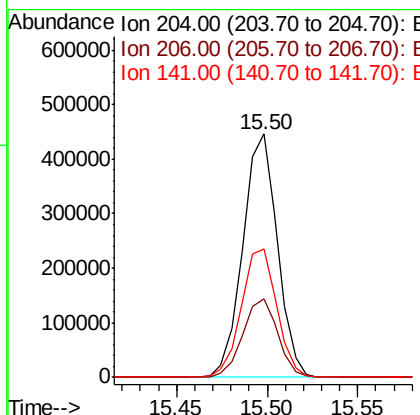
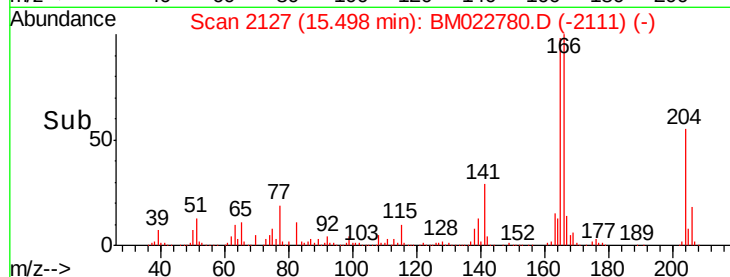
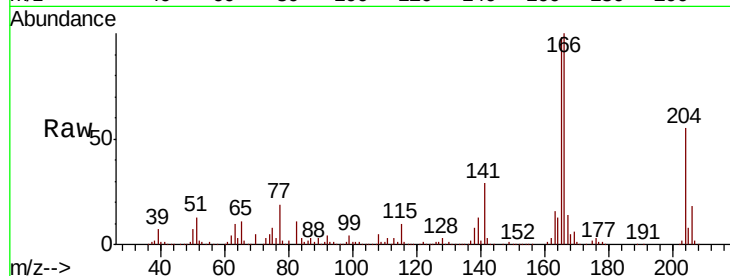
#61
4-Chlorophenyl-phenylether
Concen: 36.283 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

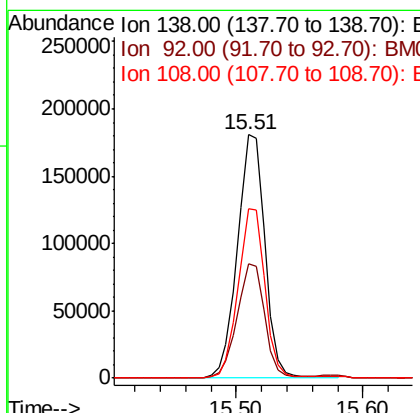
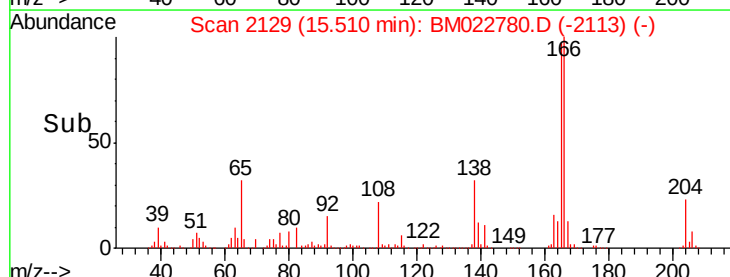
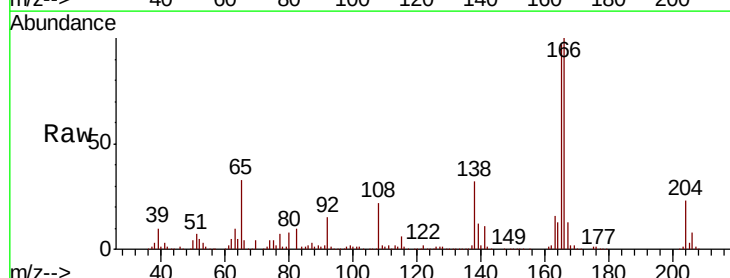
Manual Integrations
APPROVED

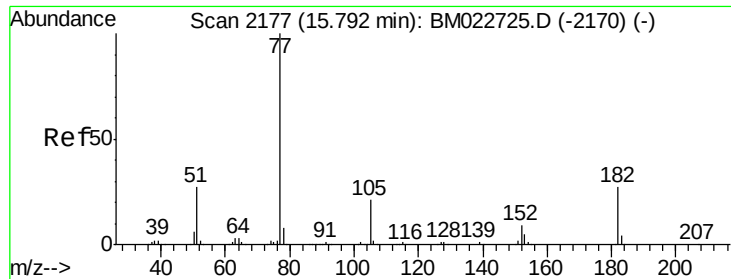
mohammad
9/26/2019 3:55:04 PM



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

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





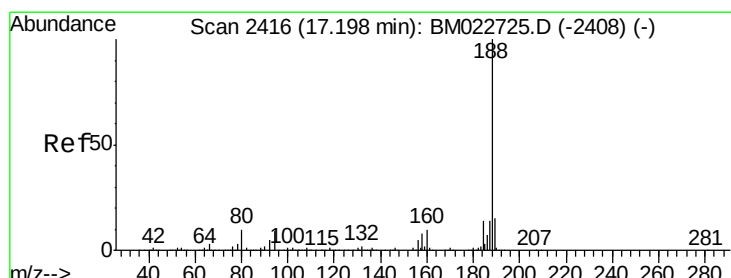
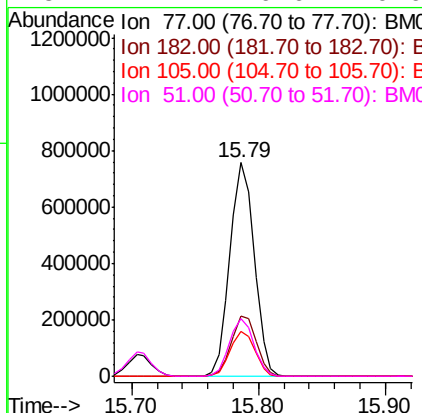
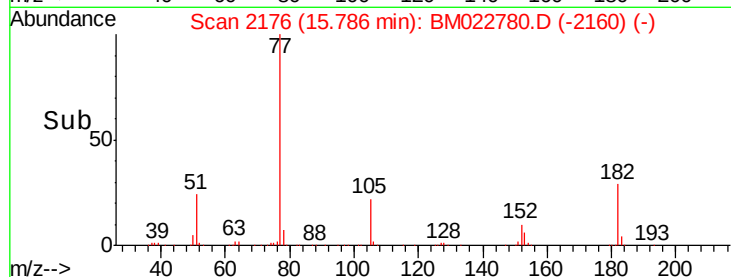
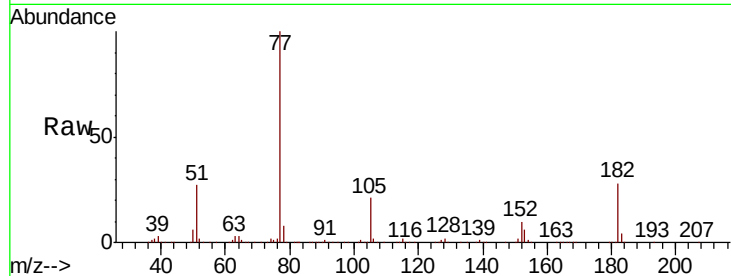
#63
Azobenzene
Concen: 35.453 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

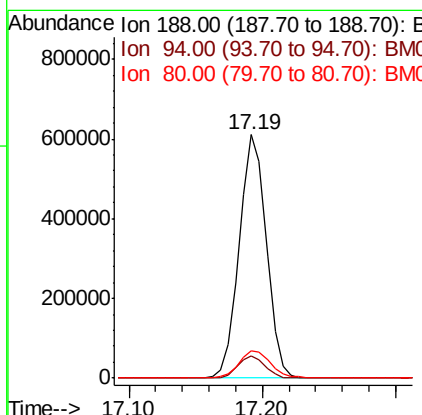
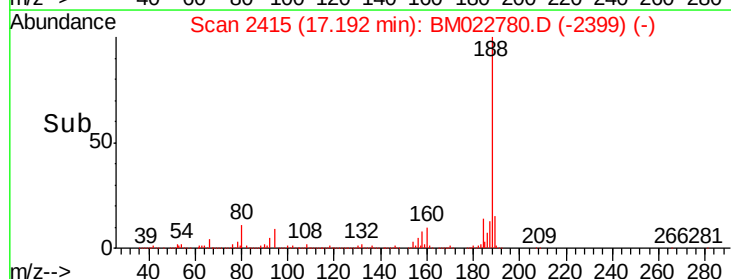
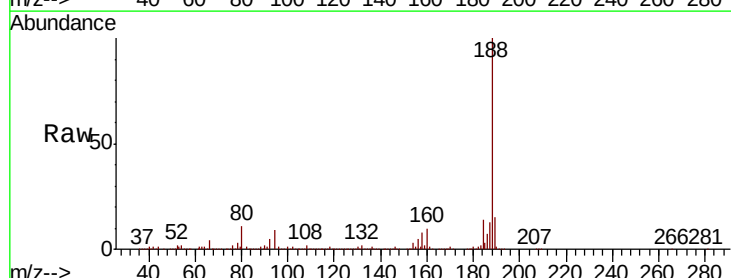
Manual Integrations
APPROVED

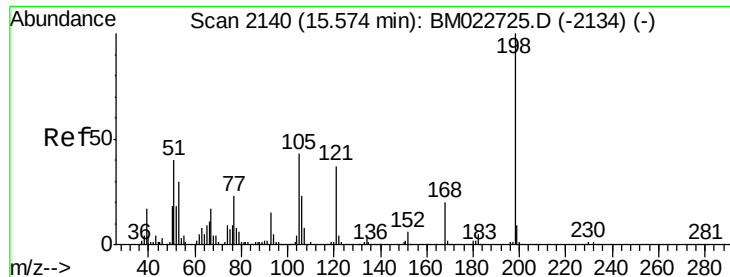
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

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





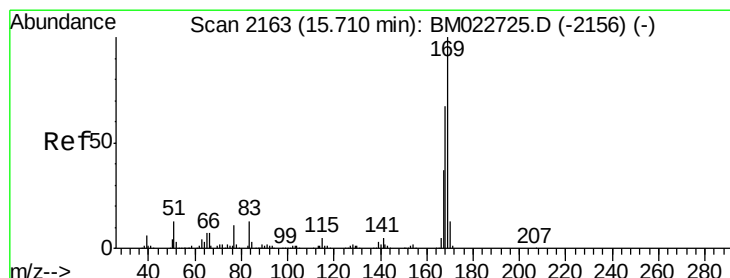
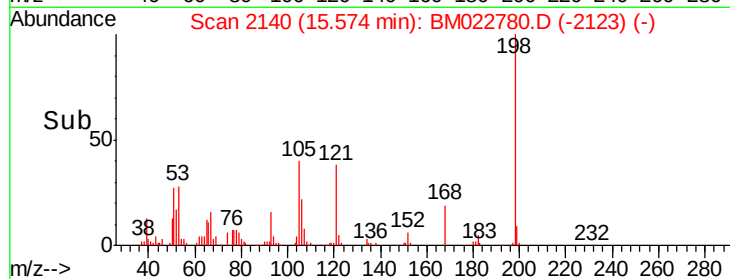
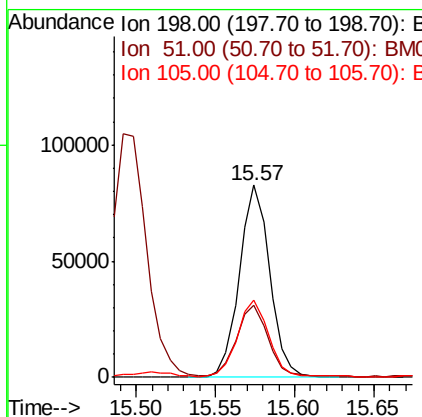
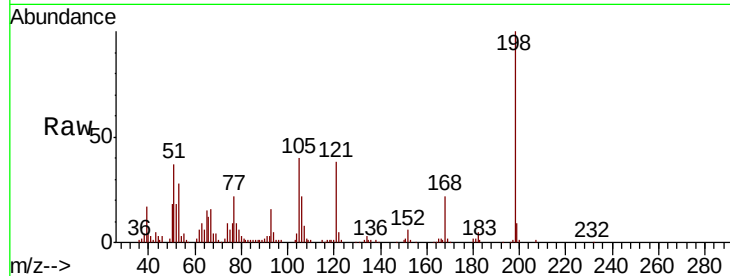
#65
4,6-Dinitro-2-methylphenol
Concen: 28.654 ng
RT: 15.57 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	109879		
51	37.4		21.0	61.0
105	40.4		22.5	62.5

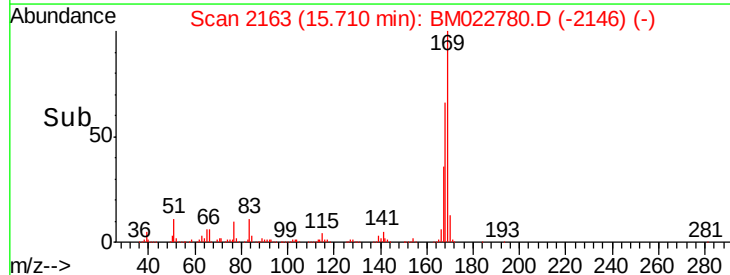
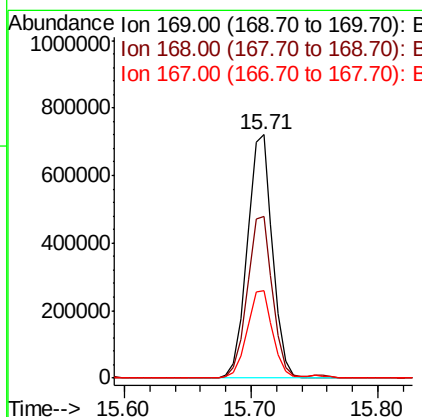
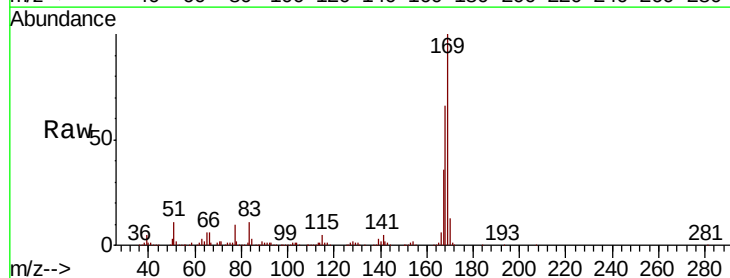
Manual Integrations
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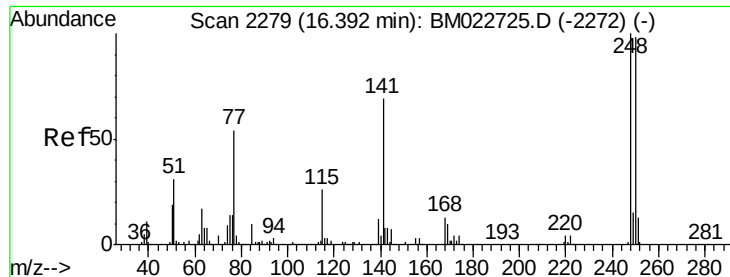
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#66
n-Nitrosodiphenylamine
Concen: 37.943 ng
RT: 15.71 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	992232		
168	66.4		53.4	80.2
167	35.9		29.3	43.9





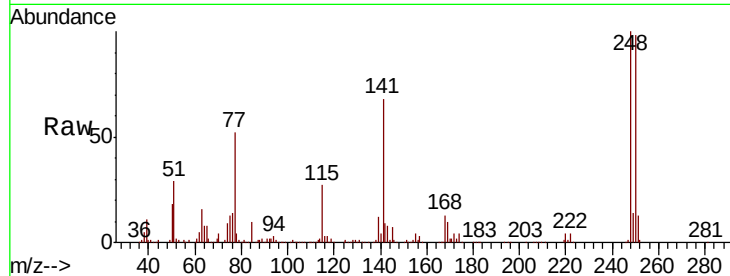
#67
4-Bromophenyl-phenylether
Concen: 37.773 ng
RT: 16.39 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

Manual Integrations
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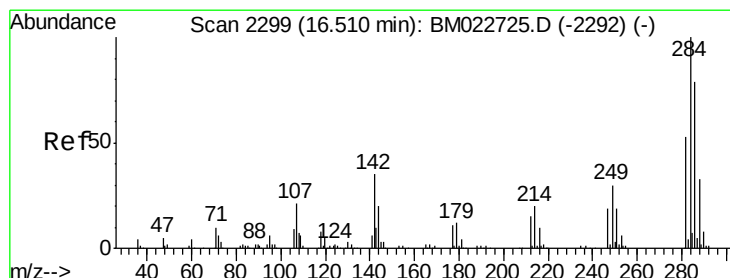
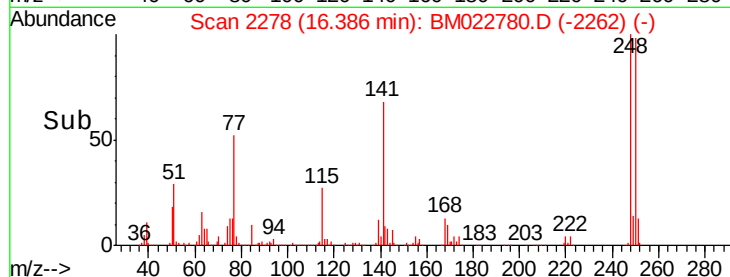
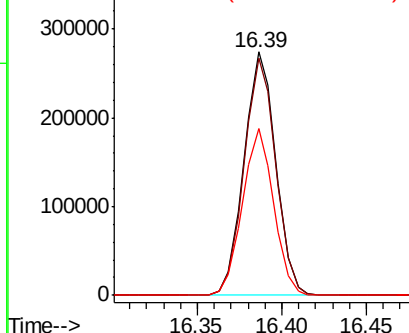


Abundance

Ion 248.00 (247.70 to 248.70): E

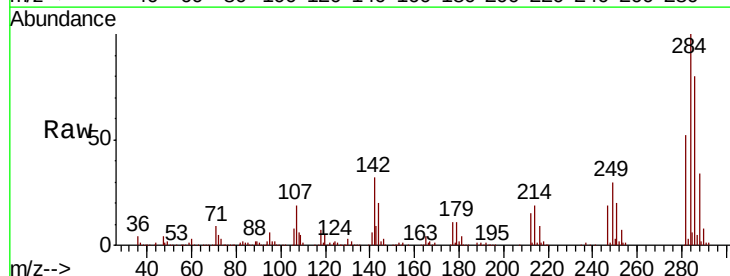
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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

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

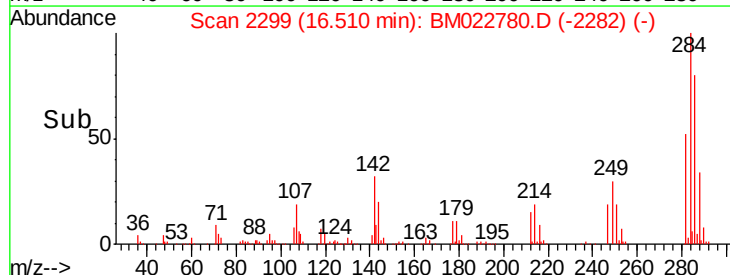
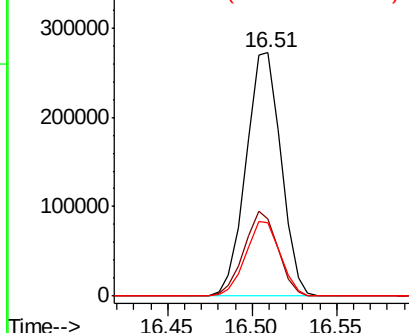


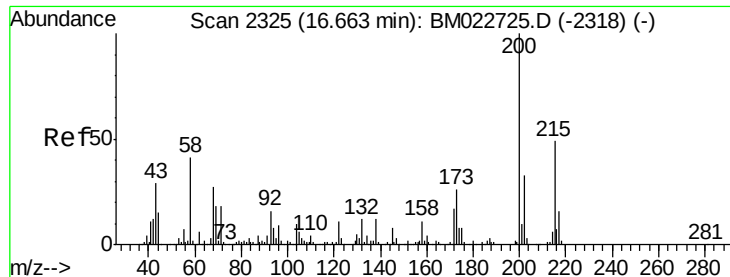
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.161 ng

RT: 16.66 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

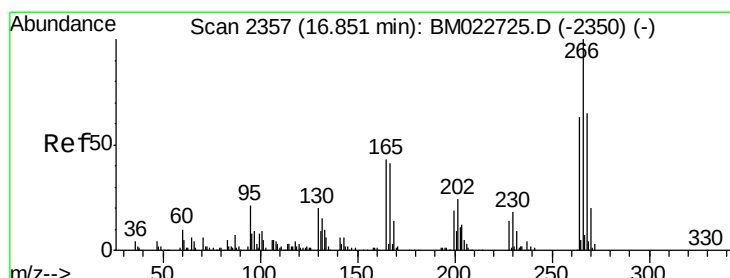
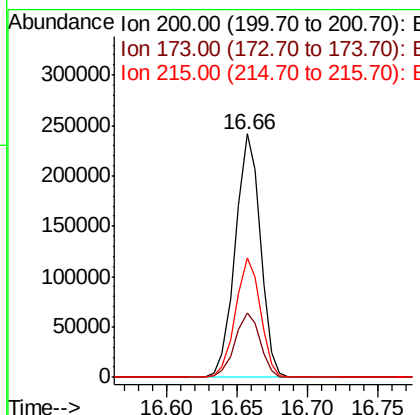
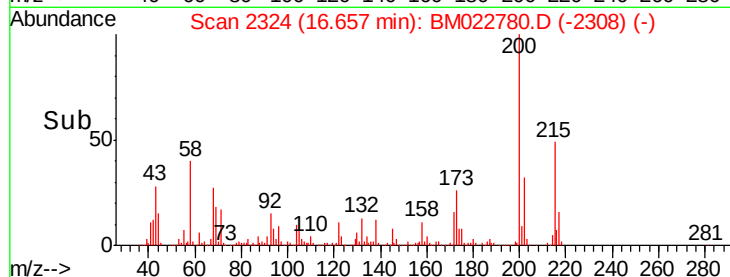
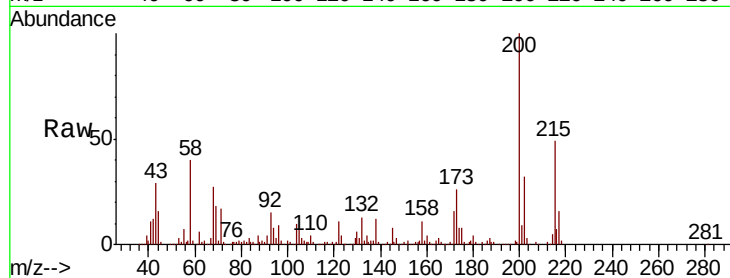
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	200	Resp:	298915
Ion Ratio	Lower	Upper	
200	100		
173	26.5	5.8	45.8
215	48.9	29.2	69.2

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#70

Pentachlorophenol

Concen: 83.086 ng

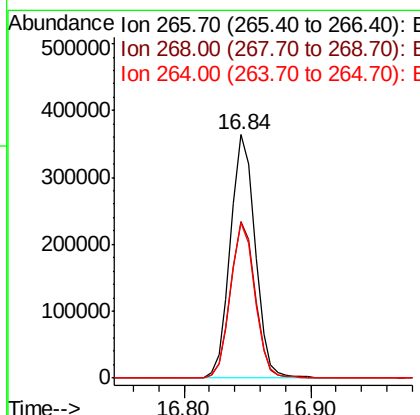
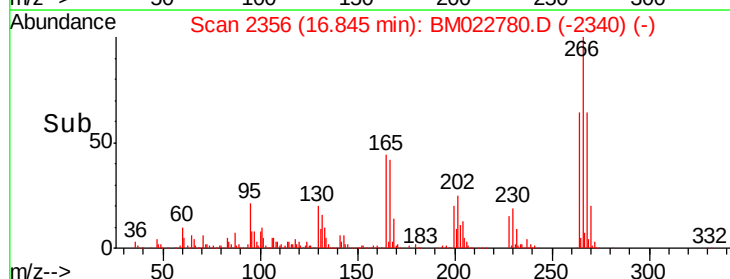
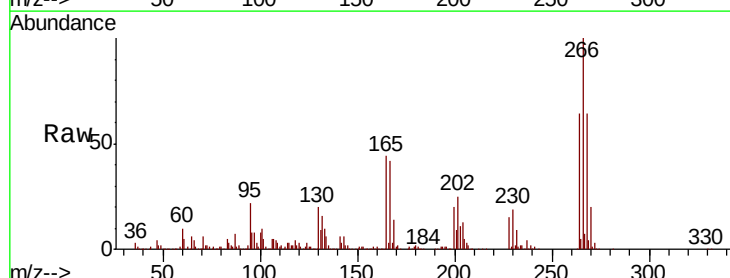
RT: 16.84 min Scan# 2356

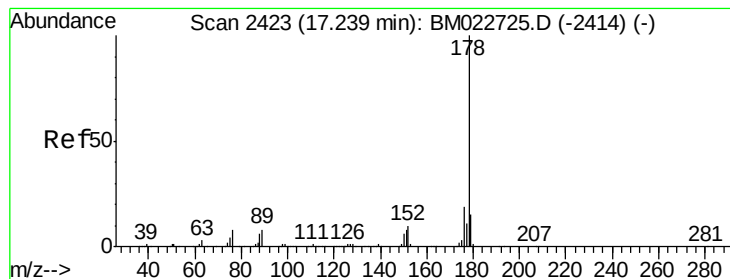
Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:	266	Resp:	491980
Ion Ratio	Lower	Upper	
266	100		
268	64.2	51.8	77.6
264	64.0	50.2	75.4





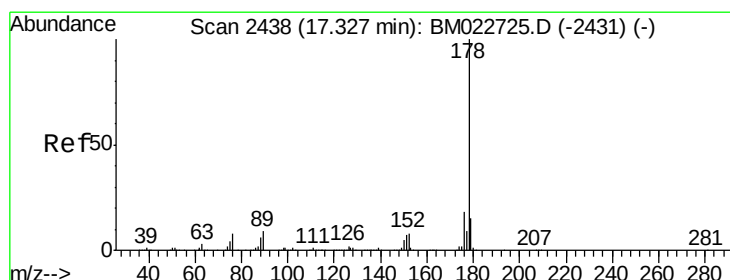
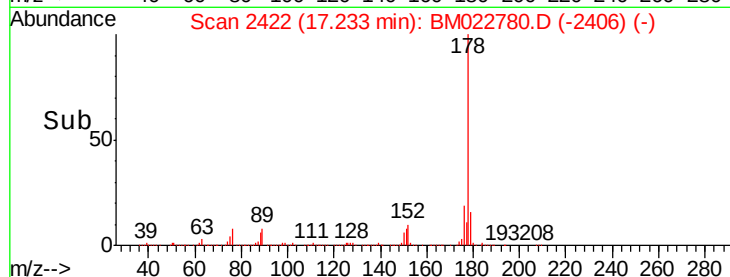
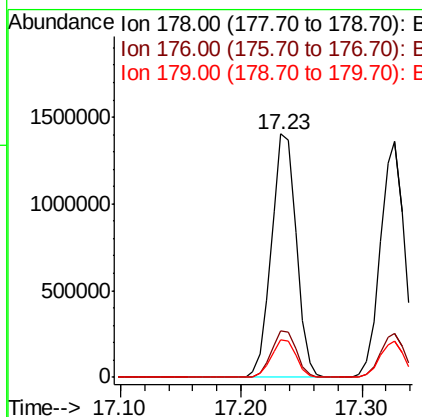
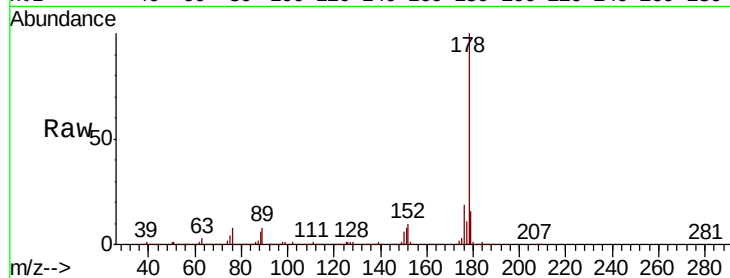
#71
Phenanthrene
Concen: 41.058 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

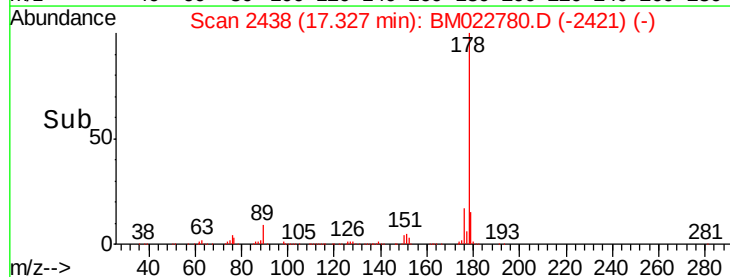
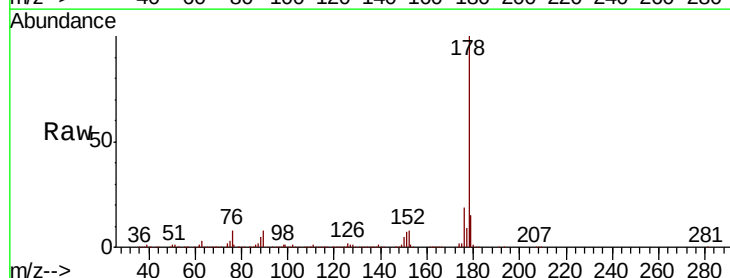
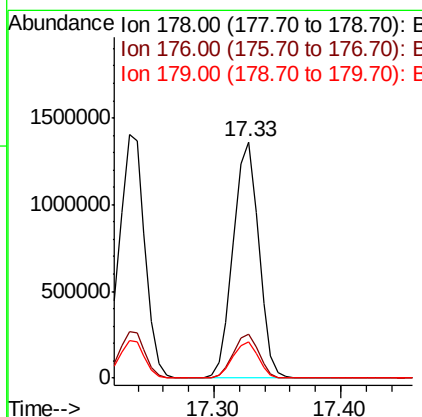
Manual Integrations
APPROVED

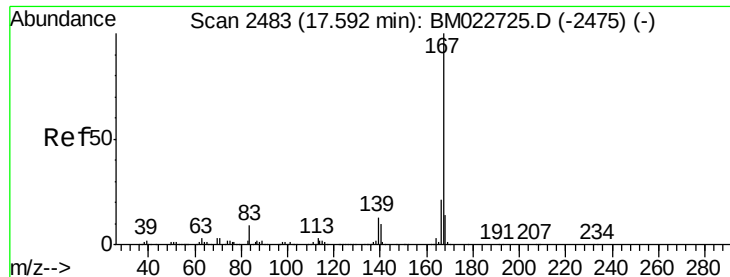
mohammad
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#72
Anthracene
Concen: 40.436 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

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





#73

Carbazole

Concen: 37.493 ng

RT: 17.59 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:167 Resp: 1633229

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

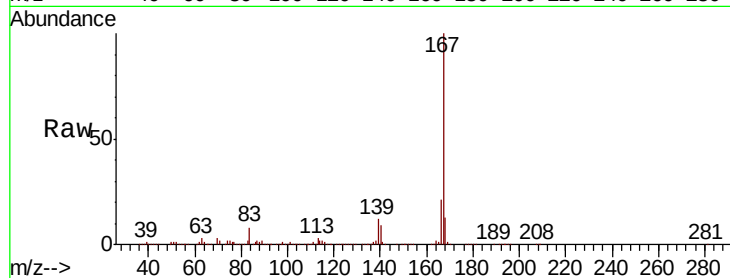
139 12.4 10.1 15.1

Manual Integrations

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mohammad

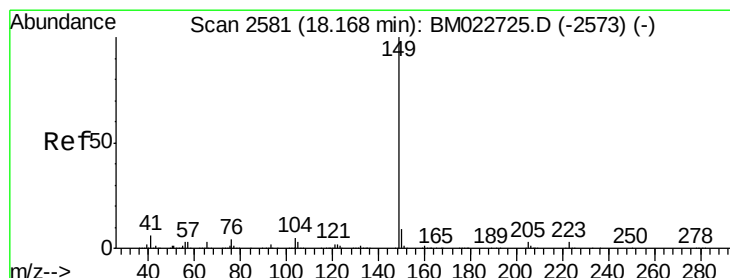
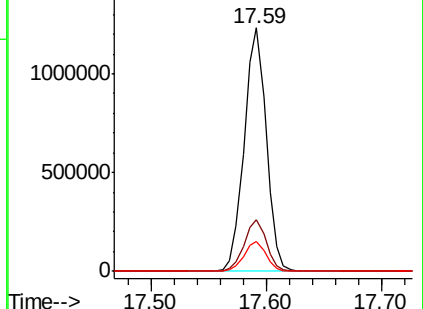
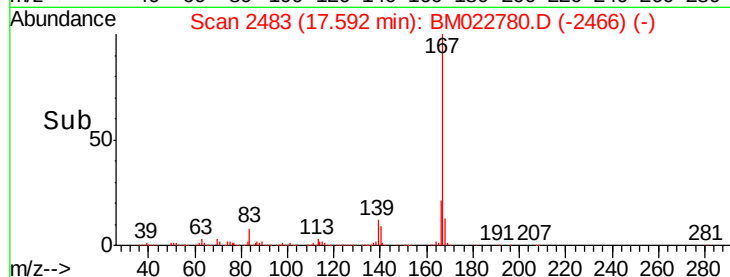
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.100 ng

RT: 18.16 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

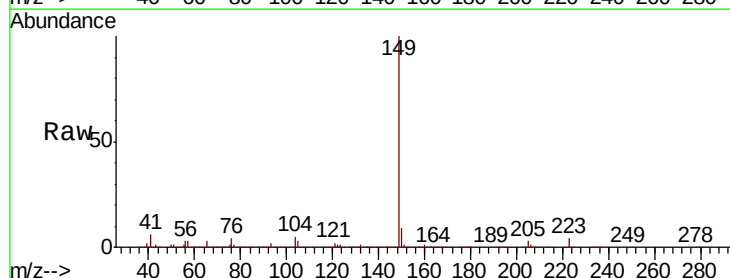
Tgt Ion:149 Resp: 1980655

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

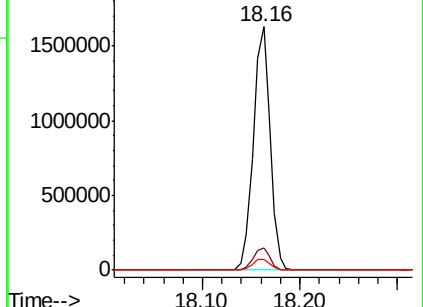
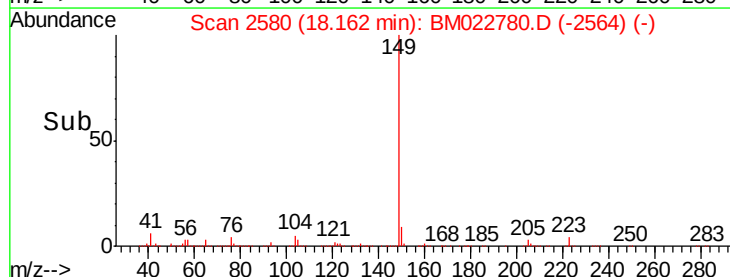
104 4.6 3.8 5.6

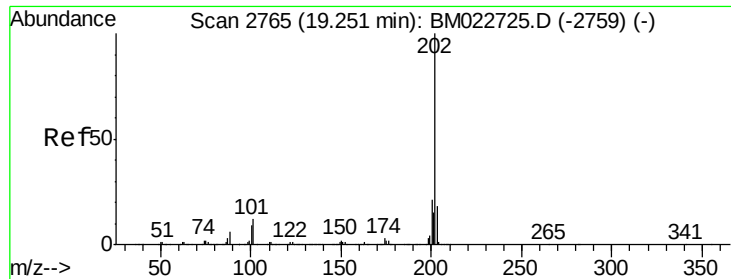


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.406 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

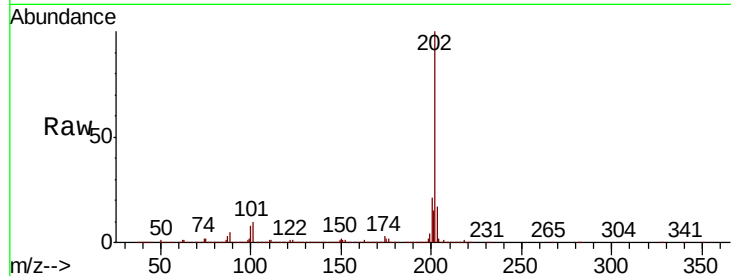
ClientSampleId :

SAND-STOCKPILE-1MS

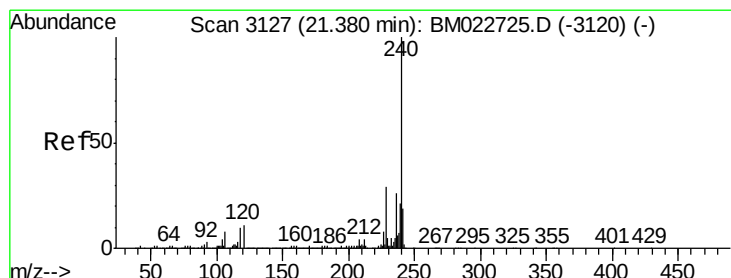
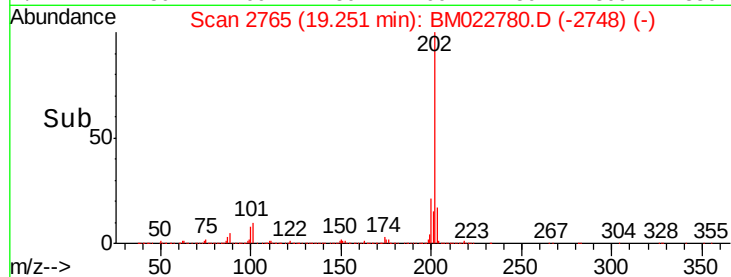
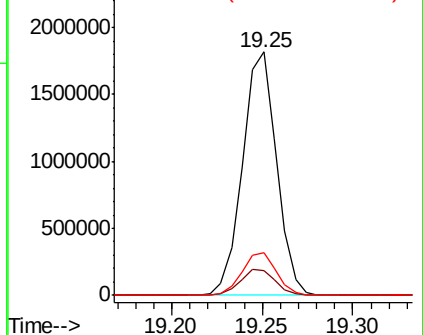
Tot Ion	Ratio	Resp	Lower	Upper
202	100	2365816		
101	10.3	0.0	32.1	
203	17.5	0.0	37.7	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

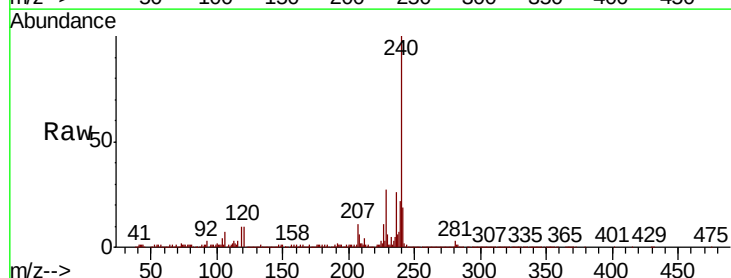
RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

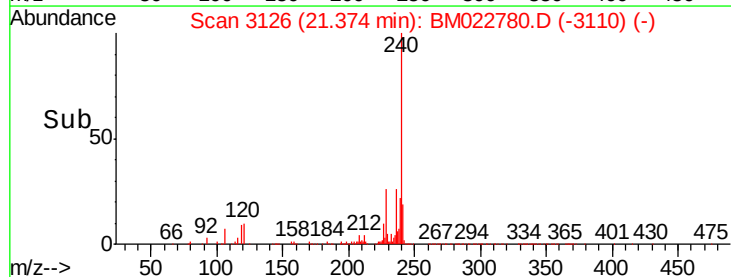
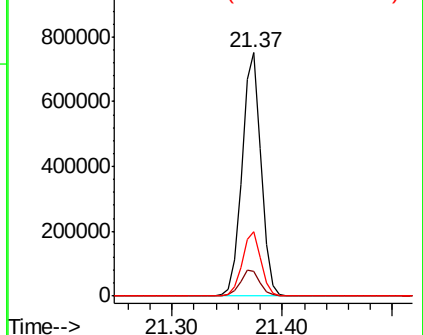
Lab File: BM022780.D

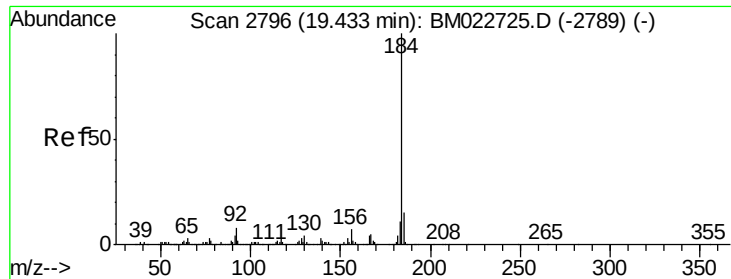
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	904432		
120	10.1	8.8	13.2	
236	26.5	20.8	31.2	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.051 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:184 Resp: 1167411

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

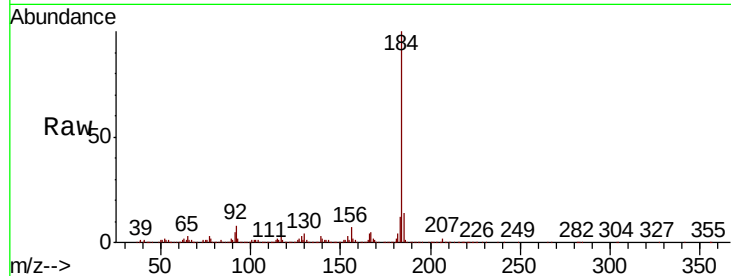
183 11.6 9.1 13.7

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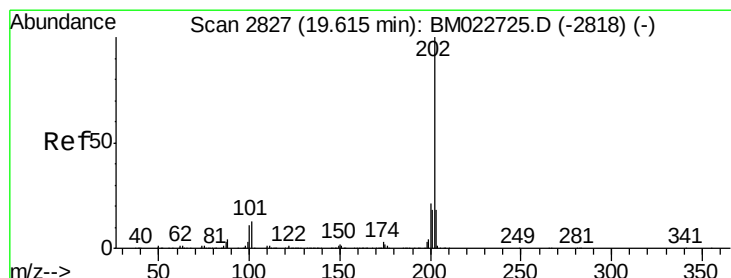
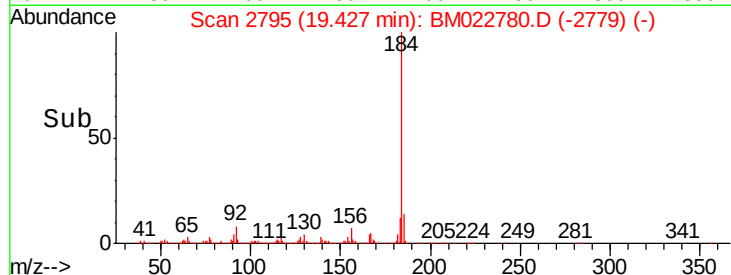
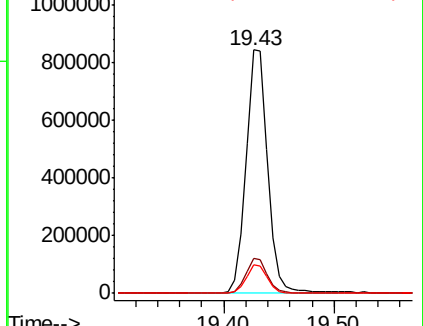
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.699 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

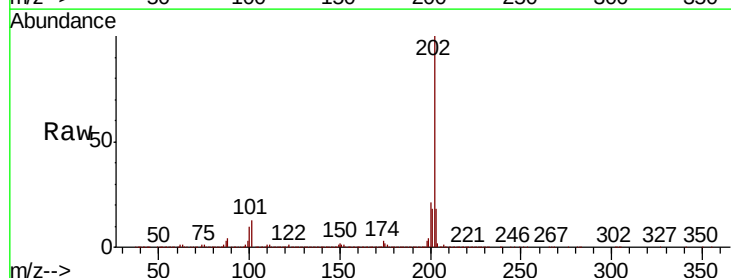
Tgt Ion:202 Resp: 2649350

Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

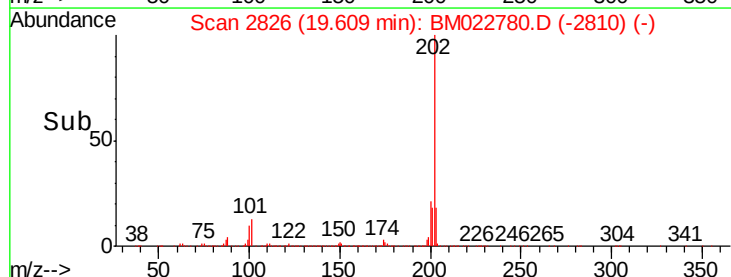
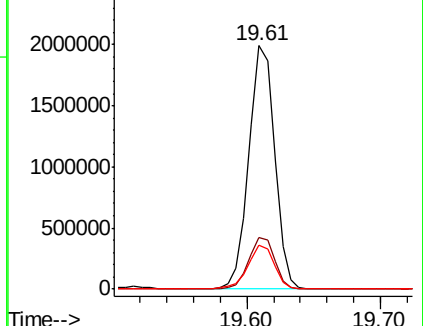
203 17.8 14.1 21.1

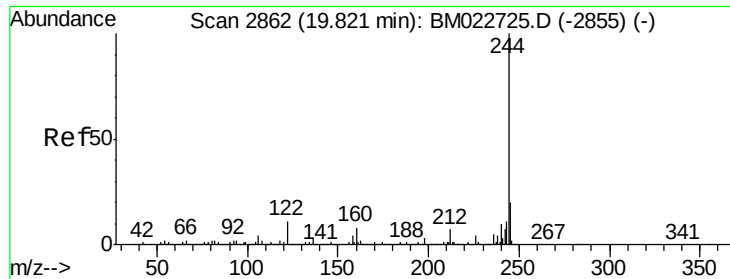


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.509 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:244 Resp: 3059764

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

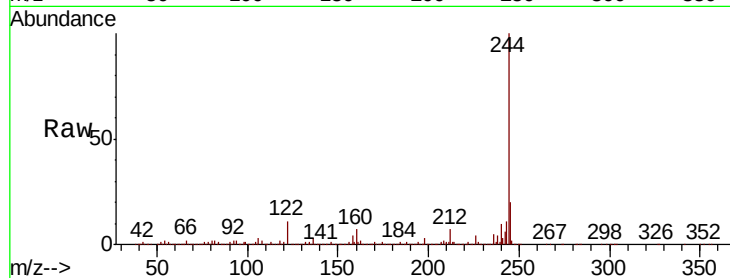
122 10.5 9.0 13.4

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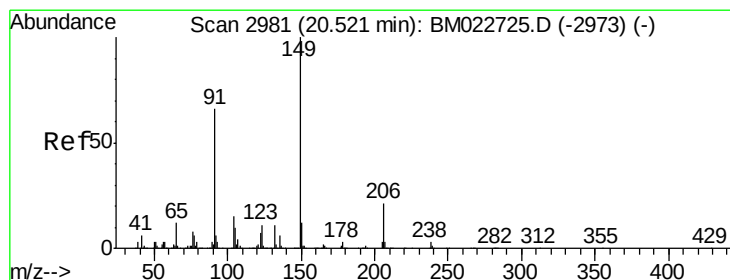
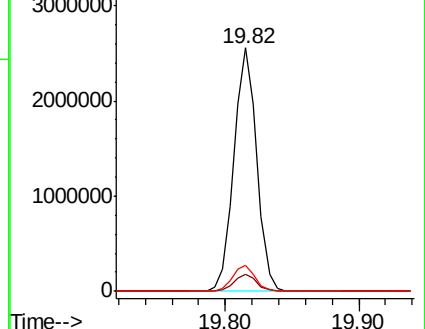
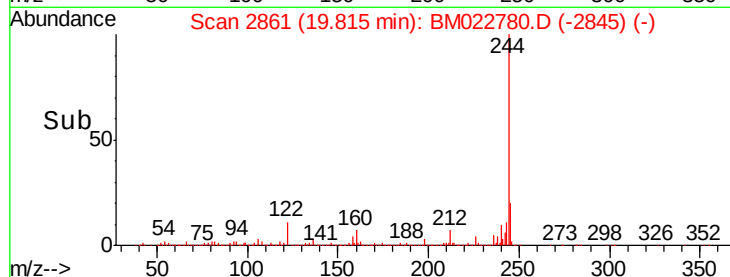
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.641 ng

RT: 20.51 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

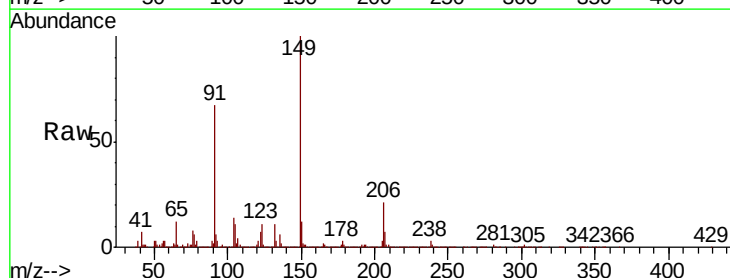
Tgt Ion:149 Resp: 915498

Ion Ratio Lower Upper

149 100

91 67.1 53.0 79.4

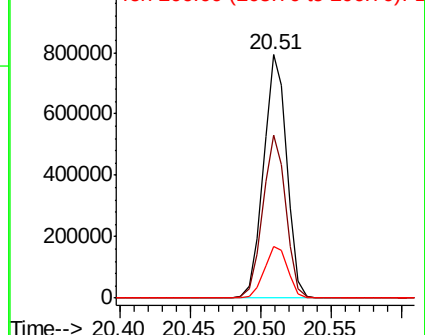
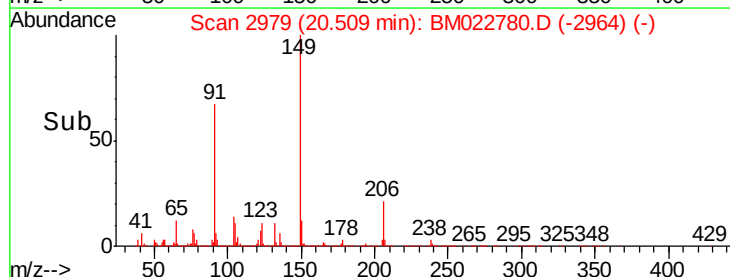
206 21.3 16.9 25.3

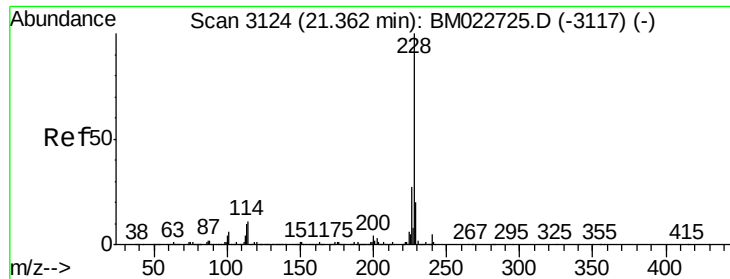


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.513 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:228 Resp: 2433396

Ion Ratio Lower Upper

228 100

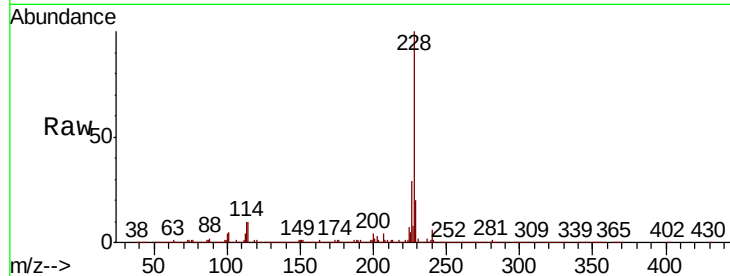
226 29.0 22.0 33.0

229 20.2 15.9 23.9

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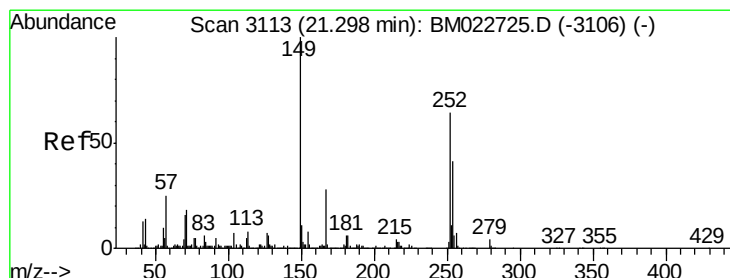
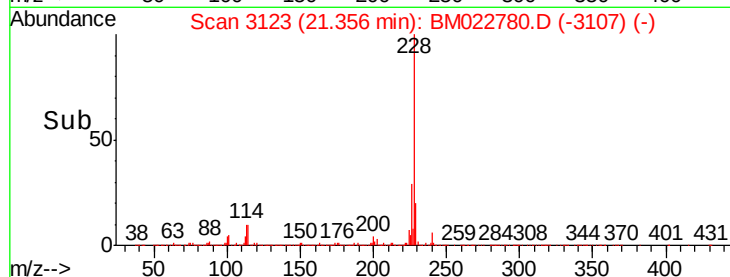
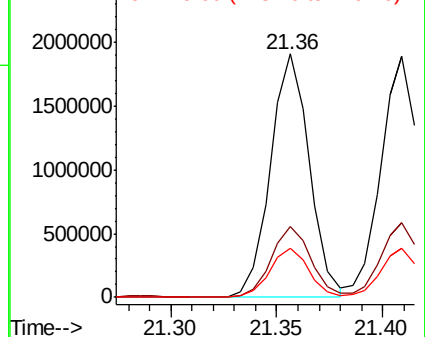


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.314 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

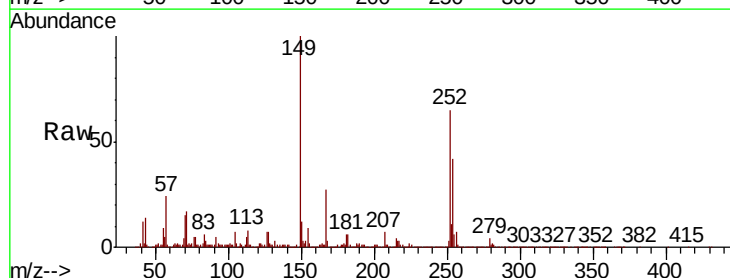
Tgt Ion:252 Resp: 796453

Ion Ratio Lower Upper

252 100

254 64.9 51.7 77.5

126 11.0 8.3 12.5

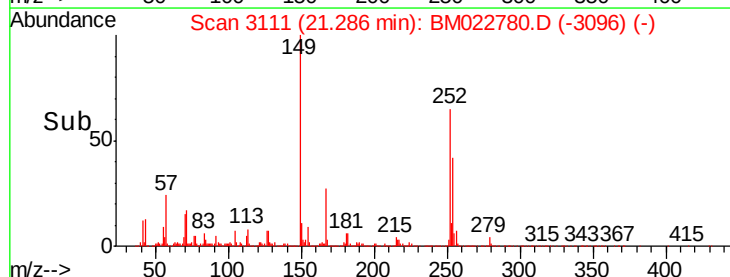
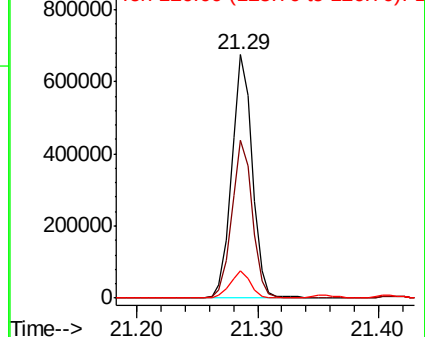


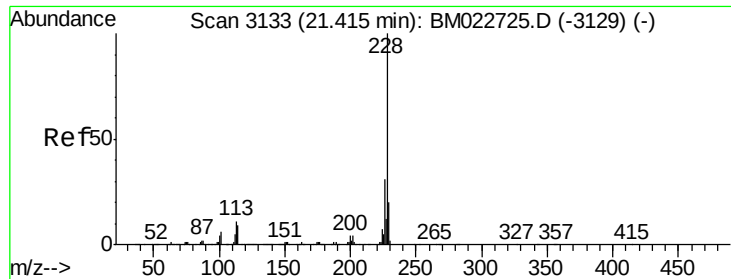
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





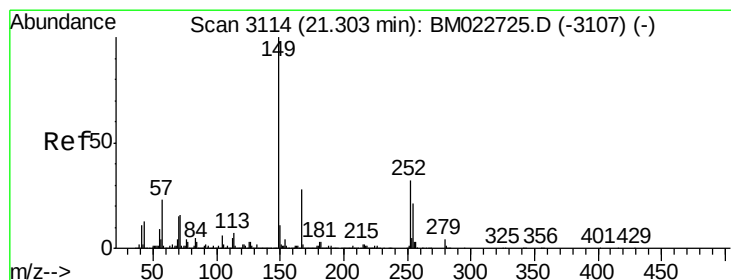
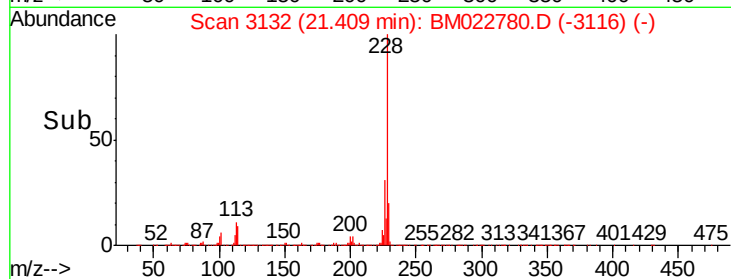
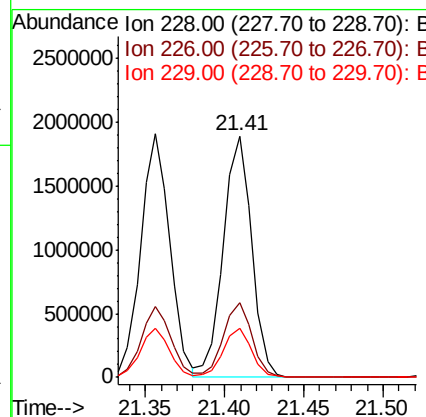
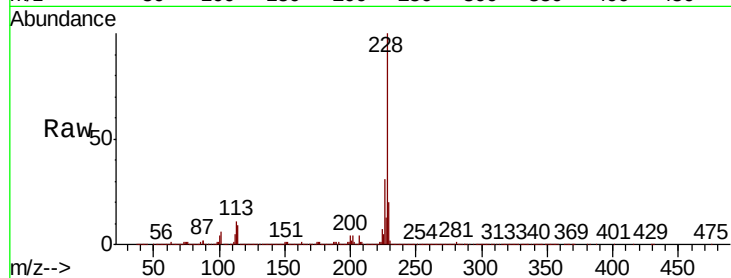
#83
 Chrvsene
 Concen: 41.193 ng
 RT: 21.41 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MS

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

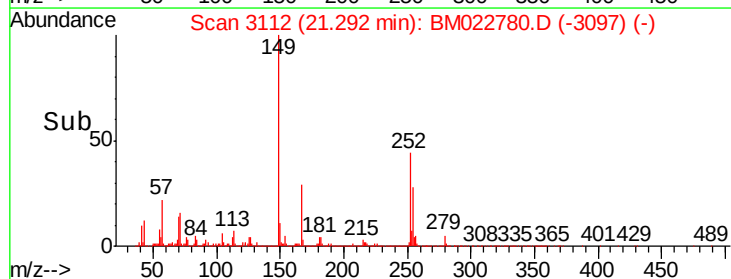
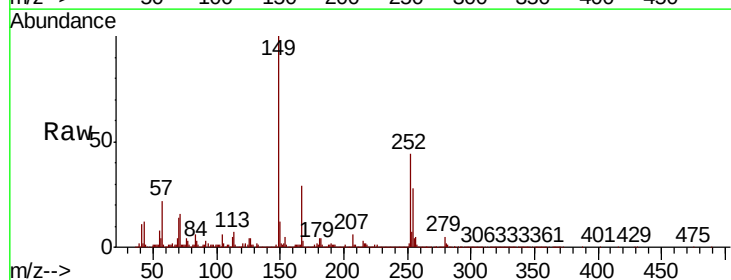
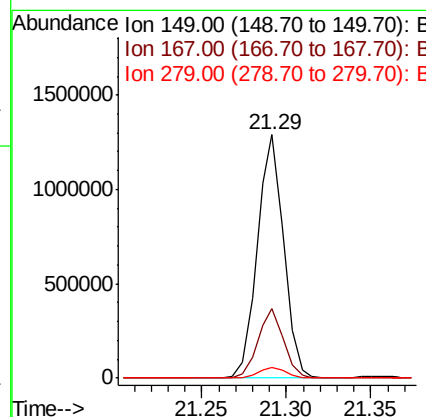
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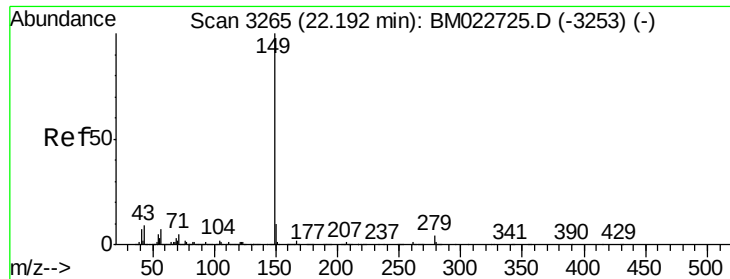
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.787 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM022780.D
 Acq: 25 Sep 2019 20:20

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





#85

Di-n-octyl phthalate

Concen: 45.355 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

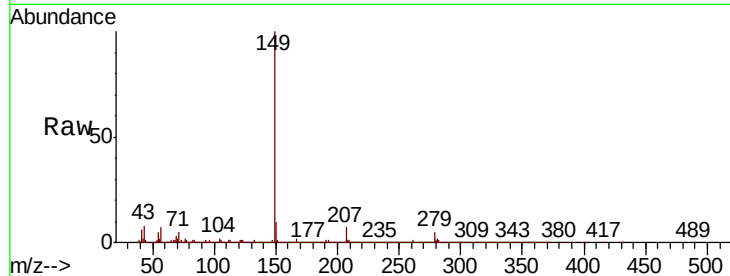
ClientSampleId :

SAND-STOCKPILE-1MS

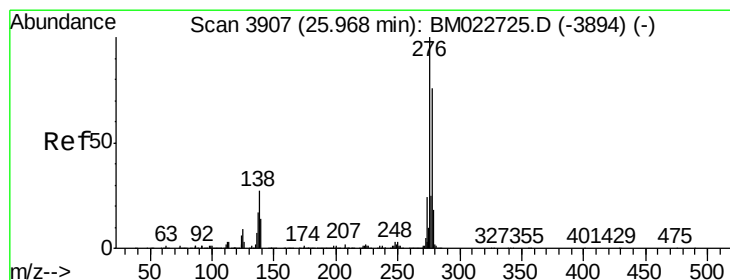
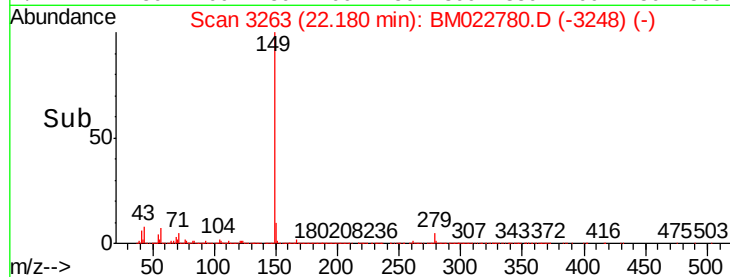
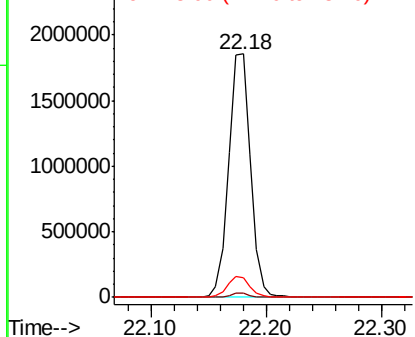
Tot Ion:	149	Resp:	2412677
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.1	7.4	11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.483 ng

RT: 25.96 min Scan# 3905

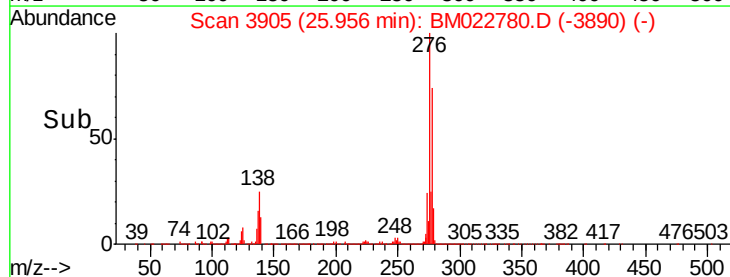
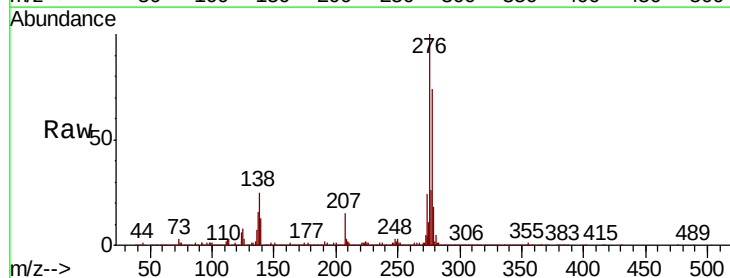
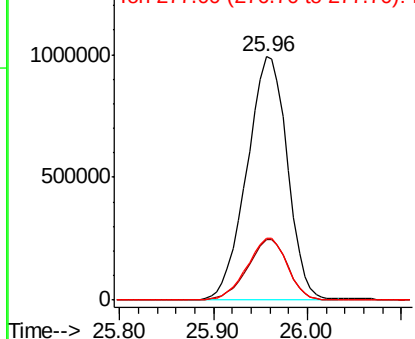
Delta R.T. -0.01 min

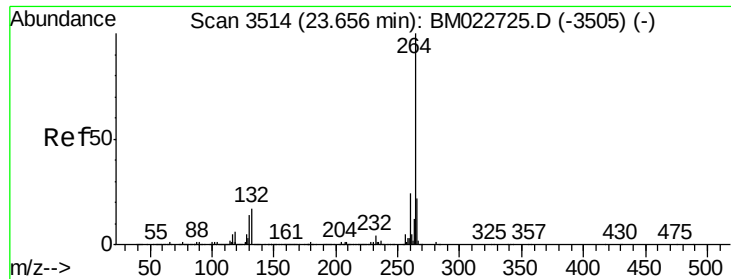
Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Tgt Ion:	276	Resp:	2949394
Ion	Ratio	Lower	Upper
276	100		
138	24.5	0.0	0.0#
277	24.9	0.0	0.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:264 Resp: 1066573

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

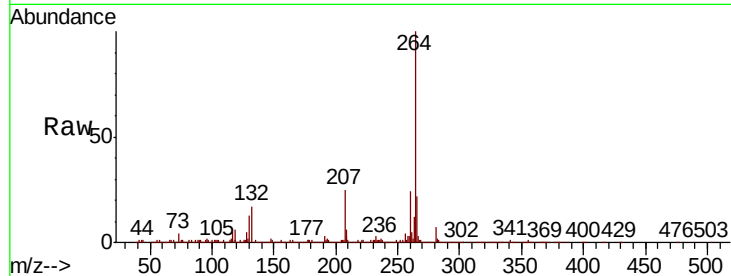
265 22.1 17.9 26.9

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Abundance Ion 264.00 (263.70 to 264.70): E

800000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

600000

400000

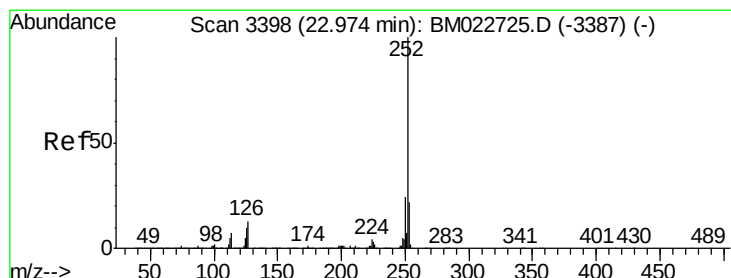
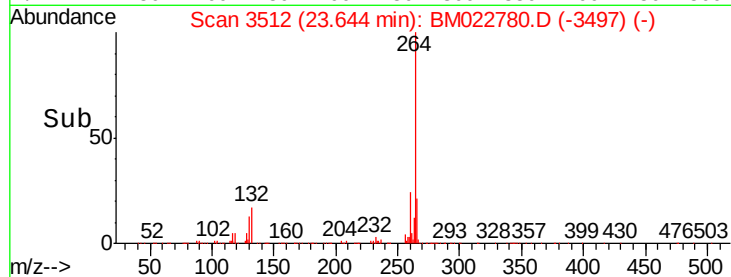
200000

0

23.64

23.60 23.70

Time-->



#88

Benzo(b)fluoranthene

Concen: 40.878 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM022780.D

Acq: 25 Sep 2019 20:20

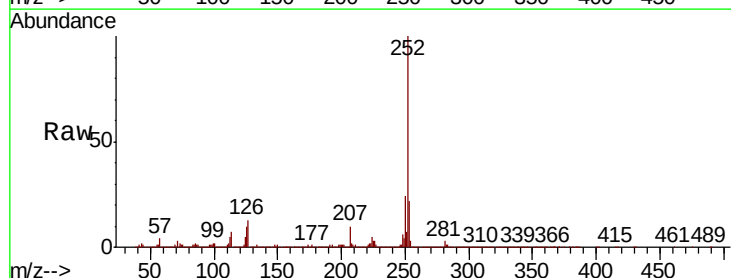
Tgt Ion:252 Resp: 2639781

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

2000000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

1500000

1000000

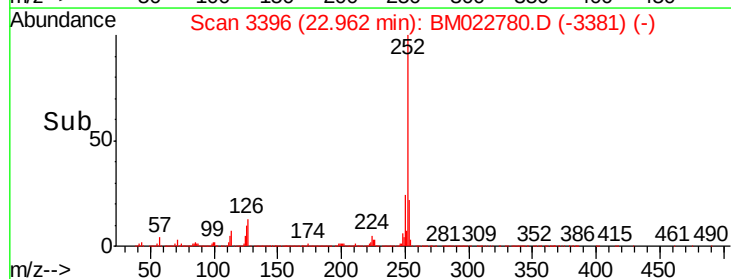
500000

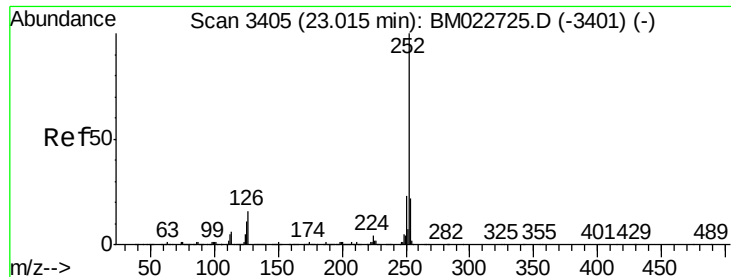
0

22.96

22.85 22.90 22.95 23.00

Time-->





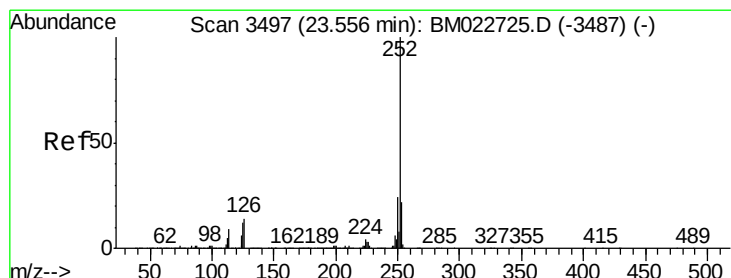
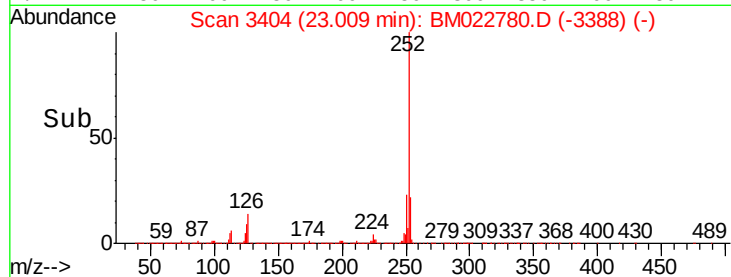
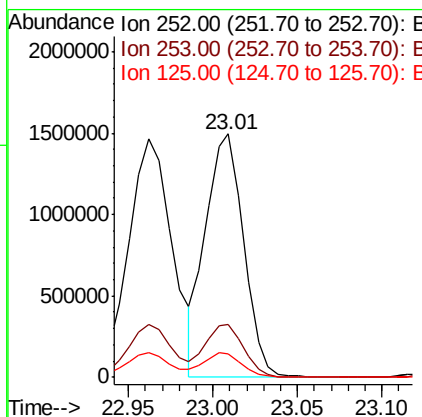
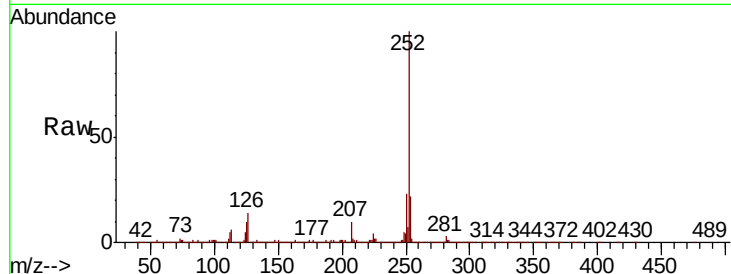
#89
Benzo(k)fluoranthene
Concen: 36.435 ng
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

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

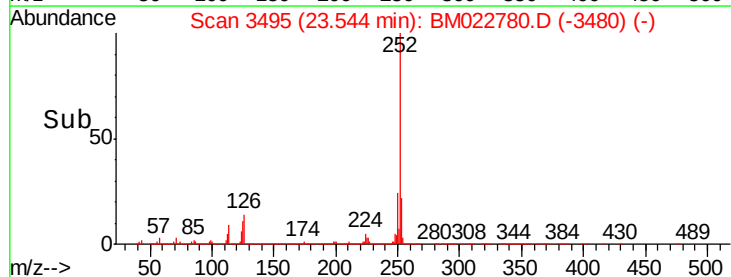
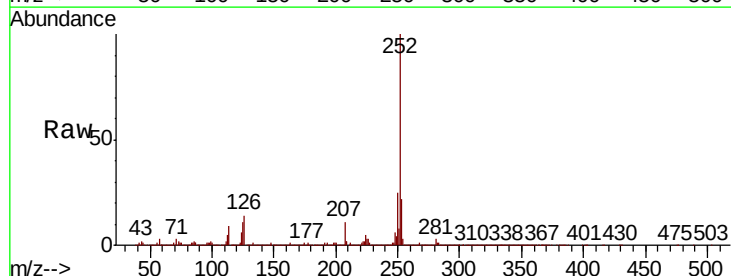
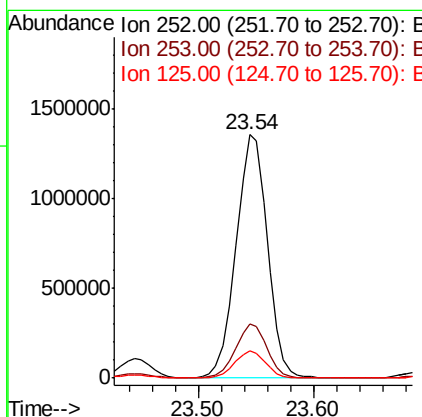
Manual Integrations
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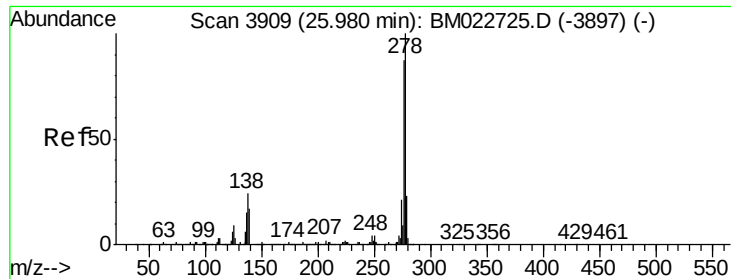
mohammad
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#90
Benzo(a)pyrene
Concen: 42.597 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

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





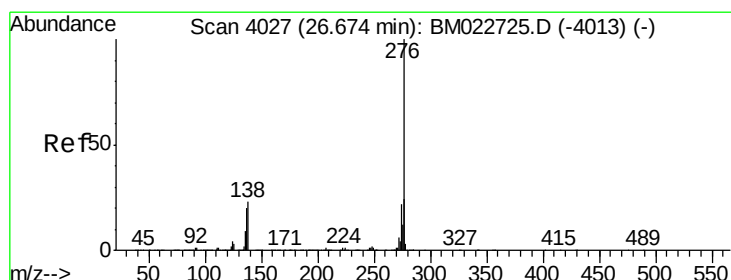
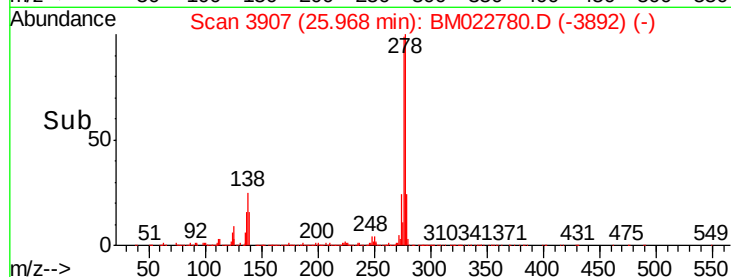
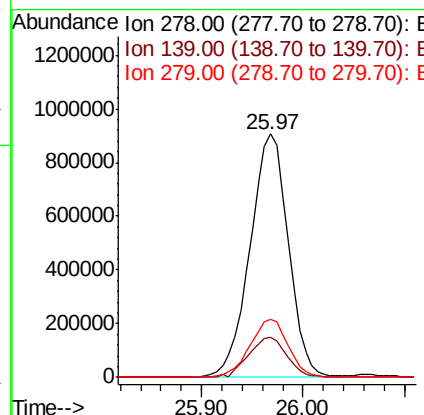
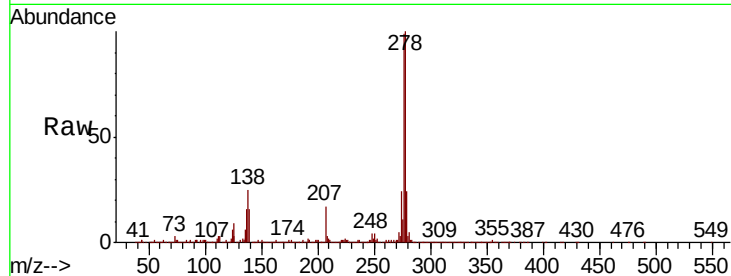
#91
Dibenzo(a,h)anthracene
Concen: 37.942 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.7	20.5
279	23.9	18.6	28.0

Manual Integrations
APPROVED

mohammad
9/26/2019 3:55:04 PM



#92
Benzo(g,h,i)perylene
Concen: 41.776 ng
RT: 26.67 min Scan# 4026
Delta R.T. -0.01 min
Lab File: BM022780.D
Acq: 25 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	21.8	18.5	27.7

