

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
 Data File : BM028078.D
 Acq On : 08 Dec 2020 18:46
 Operator : JU/CG
 Sample : L4485-06
 Misc : MDL-SOIL-01
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-06

Quant Time: Dec 09 03:35:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:34:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	265722	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	1159290	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	679466	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1423216	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1444231	20.00	ng/ul	0.00
88) Perylene-d12	24.13	264	1474266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	31355	4.51	ng/uL	0.00
4) Pyridine-d5	3.92	84	418375	22.01	ng/ul	0.00
7) Phenol-d5	7.42	99	781790	34.47	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	514288	35.68	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	652593	34.56	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	664523	35.90	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	321237	34.34	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	336564	34.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	601479	31.78	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	867838	32.87	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1806428	33.44	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	2278673	34.71	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	326832	32.11	ng/ul	0.00
60) Fluorene-d10	15.89	176	1486401	31.63	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	267553	30.77	ng/ul	0.00
73) Anthracene-d10	17.72	188	2279366	32.18	ng/ul	0.00
81) Pyrene-d10	19.97	212	2515621	32.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	2463880	30.52	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.51	88	4722	0.649	ng/uL 94
5) Pyridine	3.95	79	49056	2.574	ng/ul# 76
6) Benzaldehyde	7.40	77	41147	4.646	ng/ul 96
8) Phenol	7.44	94	57816	2.529	ng/ul 97
10) Bis(2-Chloroethyl)ether	7.69	93	52726	2.705	ng/ul 96
12) 2-Chlorophenol	7.83	128	49213	2.517	ng/ul 97
13) 2-Methylphenol	8.72	108	41787	2.375	ng/ul 97
14) 2,2'-oxybis(1-Chloropropan	8.82	45	82233	2.547	ng/ul 98
16) Acetophenone	9.12	105	70935	2.524	ng/ul 99
17) N-Nitroso-di-n-propylamine	9.10	70	36093	2.631	ng/ul 98
18) 4-Methylphenol	9.05	108	46652	2.451	ng/ul 98
19) Hexachloroethane	9.39	117	19575	2.334	ng/ul 99
22) Nitrobenzene	9.50	77	56146	2.473	ng/ul 98
23) Isophorone	10.03	82	91763	2.282	ng/ul 97
25) 2-Nitrophenol	10.22	139	27076	2.536	ng/ul 97
26) 2,4-Dimethylphenol	10.26	107	50847	2.358	ng/ul 98
27) Bis(2-Chloroethoxy)methane	10.50	93	65955	2.422	ng/ul 99
29) 2,4-Dichlorophenol	10.75	162	43803	2.350	ng/ul 90
30) Naphthalene	11.17	128	159475	2.381	ng/ul 98
32) 4-Chloroaniline	11.26	127	64642	2.516	ng/ul 99
33) Hexachlorobutadiene	11.45	225	28325	2.332	ng/ul 96
34) Caprolactam	12.06	113	9470	1.619	ng/ul 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.36	107	43983	2.296	ng/ul	95
36) 2-Methylnaphthalene	12.75	142	109204	2.399	ng/ul	99
37) 1-Methylnaphthalene	12.97	142	104122	2.378	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	54042	2.358	ng/ul	99
40) Hexachlorocyclopentadiene	13.09	237	25280	1.881	ng/ul	96
41) 2,4,6-Trichlorophenol	13.35	196	30770	2.186	ng/ul	99
42) 2,4,5-Trichlorophenol	13.41	196	33636	2.212	ng/ul	97
43) 1,1'-Biphenyl	13.75	154	142885	2.427	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	111550	2.420	ng/ul	99
45) 2-Nitroaniline	13.98	65	25483	2.108	ng/ul	96
47) Dimethylphthalate	14.34	163	135711	2.438	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	22091	2.070	ng/ul	97
50) Acenaphthylene	14.63	152	168222	2.477	ng/ul	99
51) 3-Nitroaniline	14.79	138	23591	2.361	ng/ul	88
52) Acenaphthene	14.97	153	122024	2.492	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	9205	1.500	ng/ul	97
55) 4-Nitrophenol	15.08	109	21070	2.800	ng/ul#	82
56) Dibenzofuran	15.29	168	171475	2.570	ng/ul	97
57) 2,4-Dinitrotoluene	15.24	165	34283	2.287	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.52	232	28472	2.214	ng/ul	95
59) Diethylphthalate	15.69	149	142423	2.510	ng/ul	100
61) Fluorene	15.94	166	141215	2.543	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.92	204	70186	2.565	ng/ul	99
63) 4-Nitroaniline	15.94	138	24576	2.978	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	16.00	198	22887	2.422	ng/ul#	74
67) N-Nitrosodiphenylamine	16.13	169	111667	2.384	ng/ul	98
68) 4-Bromophenyl-phenylether	16.81	248	41529	2.481	ng/ul	99
69) Hexachlorobenzene	16.93	284	45720	2.395	ng/ul	96
70) Atrazine	17.06	200	38068	2.266	ng/ul	99
71) Pentachlorophenol	17.27	266	20887	1.895	ng/ul	97
72) Phenanthrene	17.66	178	214331	2.441	ng/ul	99
74) Anthracene	17.76	178	221060	2.470	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	51517	2.253	ng/uL	99
76) Pentachlorobenzene	15.22	250	50066	2.204	ng/uL	95
77) Carbazole	18.02	167	180980	2.382	ng/ul	99
78) Di-n-butylphthalate	18.55	149	239336	2.419	ng/ul	99
80) Fluoranthene	19.64	202	243334	2.384	ng/ul	98
82) Pyrene	20.00	202	253564	2.398	ng/ul	99
83) Butylbenzylphthalate	20.86	149	100952	2.272	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.64	252	76495	2.346	ng/ul	99
85) Benzo(a)anthracene	21.72	228	239697	2.437	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	150121	2.207	ng/ul	99
87) Chrysene	21.77	228	232424	2.410	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	244783	2.073	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	235949	2.327	ng/ul	99
91) Benzo(k)fluoranthene	23.45	252	236267	2.411	ng/ul	100
93) Benzo(a)pyrene	24.03	252	220503	2.430	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.60	276	257405	2.381	ng/ul	98
95) Dibenzo(a,h)anthracene	26.61	278	217232	2.363	ng/ul	97
96) Benzo(g,h,i)perylene	27.37	276	211081	2.328	ng/ul	100

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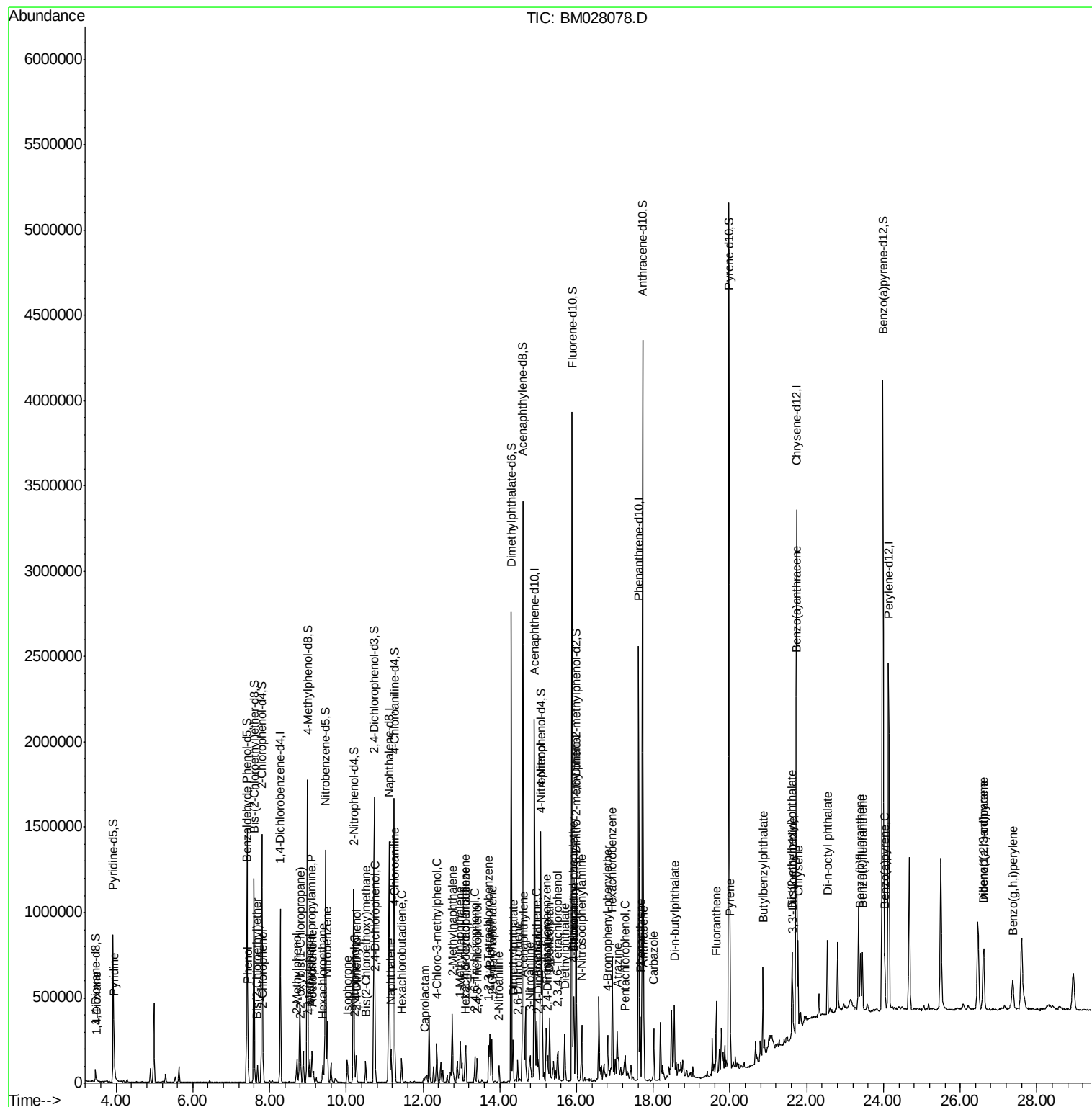
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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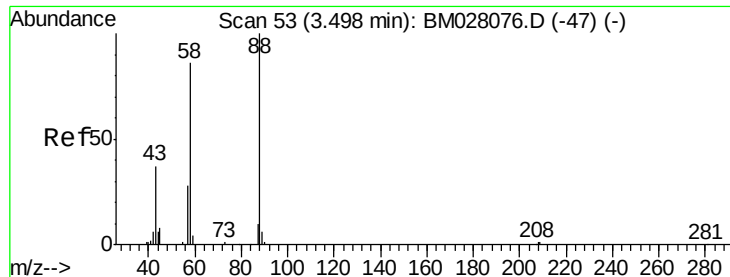
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.649 ng/uL

RT: 3.51 min Scan# 55

Delta R.T. 0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

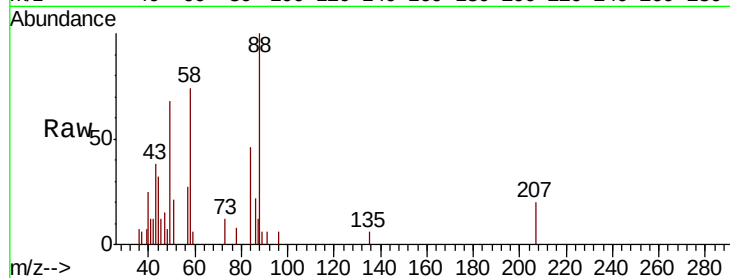
Tot Ion: 88 Resp: 4722

Ion Ratio Lower Upper

88 100

43 38.2 27.5 41.3

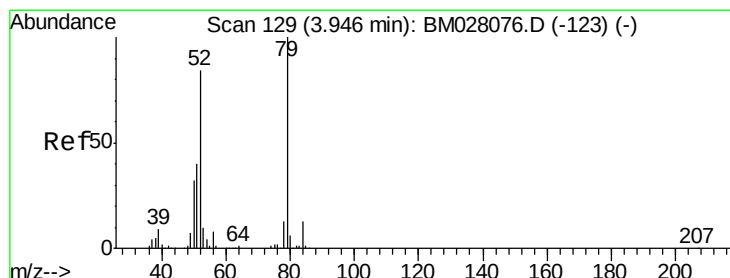
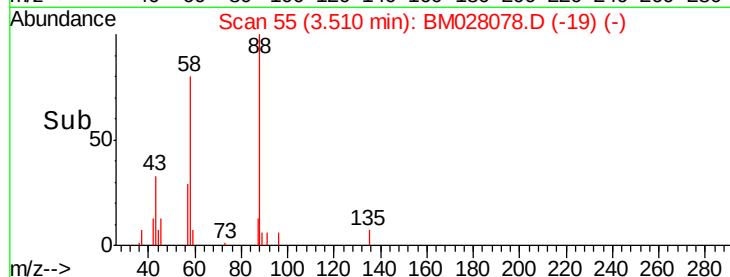
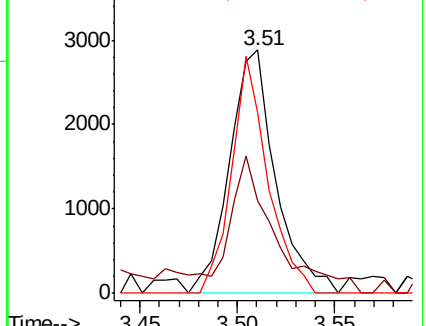
58 74.4 63.2 94.8



Abundance Ion 88.00 (87.70 to 88.70): BM028076.D (-47) (-)

Ion 43.00 (42.70 to 43.70): BM028076.D (-47) (-)

Ion 58.00 (57.70 to 58.70): BM028076.D (-47) (-)



#5

Pyridine

Concen: 2.574 ng/uL

RT: 3.95 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

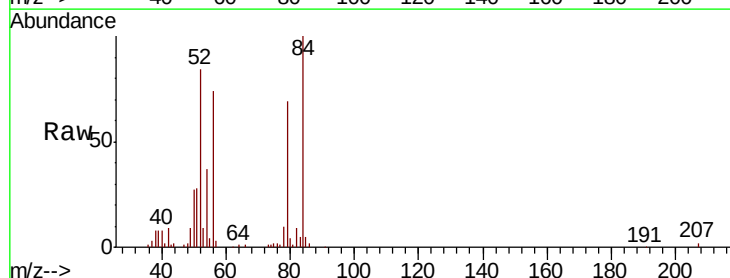
Tgt Ion: 79 Resp: 49056

Ion Ratio Lower Upper

79 100

52 122.6 72.8 109.2#

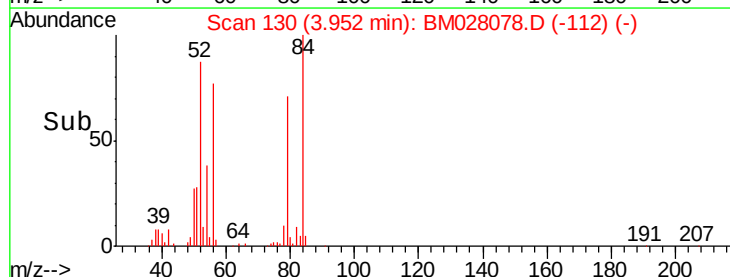
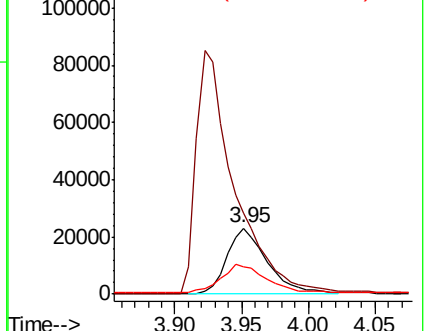
51 41.1 34.9 52.3

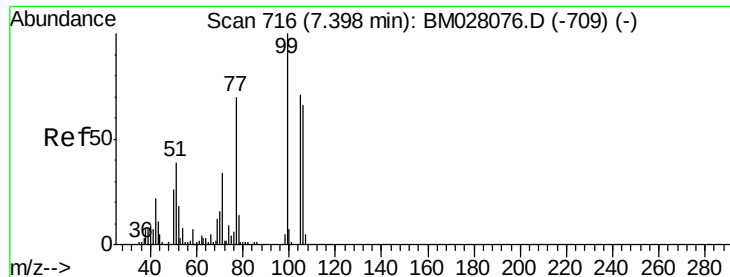


Abundance Ion 79.00 (78.70 to 79.70): BM028076.D (-123) (-)

Ion 52.00 (51.70 to 52.70): BM028076.D (-123) (-)

Ion 51.00 (50.70 to 51.70): BM028076.D (-123) (-)





#6

Benzaldehyde

Concen: 4.646 ng/ul

RT: 7.40 min Scan# 716

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

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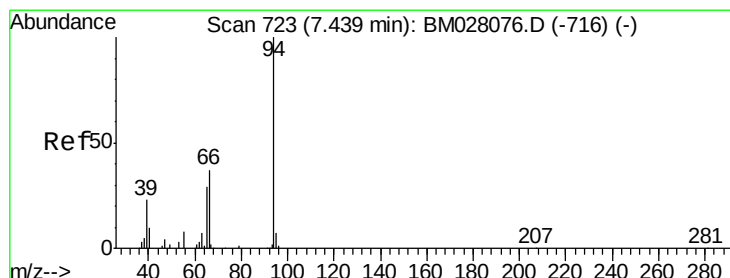
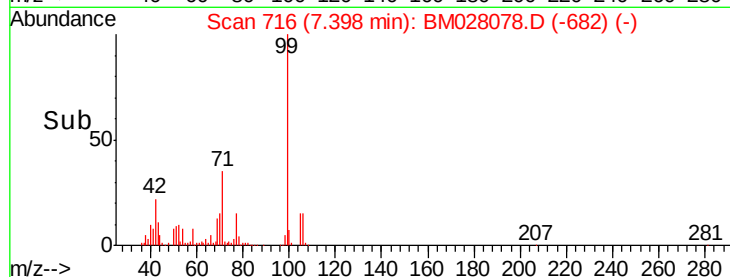
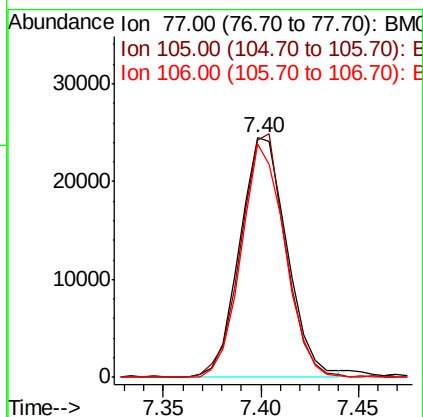
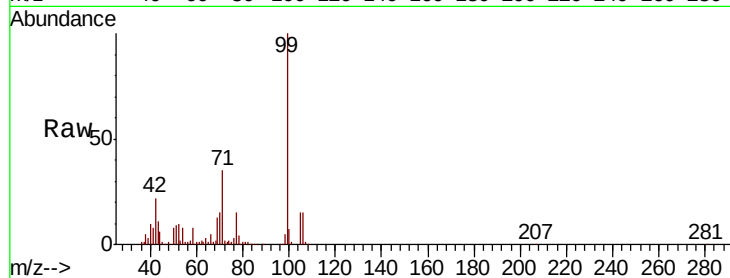
Tot Ion: 77 Resp: 41147

Ion Ratio Lower Upper

77 100

105 99.2 82.0 123.0

106 97.4 74.5 111.7



#8

Phenol

Concen: 2.529 ng/ul

RT: 7.44 min Scan# 723

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

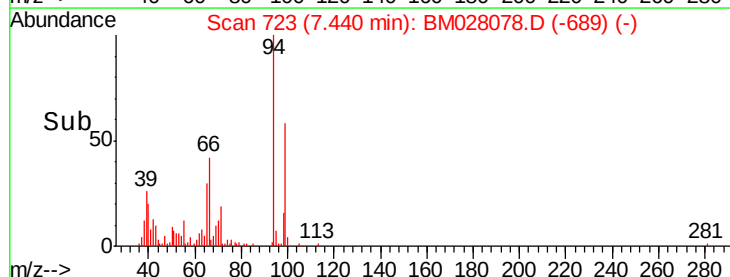
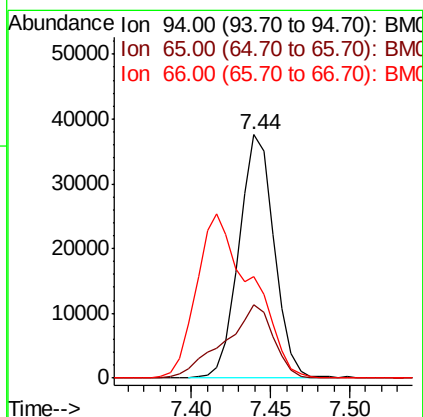
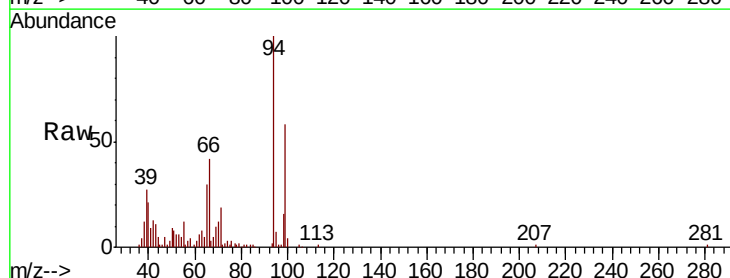
Tgt Ion: 94 Resp: 57816

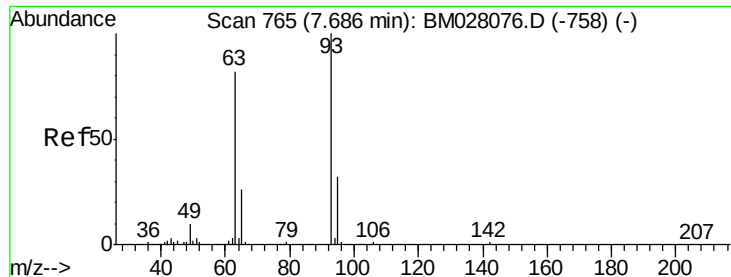
Ion Ratio Lower Upper

94 100

65 30.3 24.5 36.7

66 41.8 30.6 46.0





#10

Bis(2-Chloroethyl)ether

Concen: 2.705 ng/ul

RT: 7.69 min Scan# 765

Delta R.T. 0.00 min

Lab File: BM028078.D

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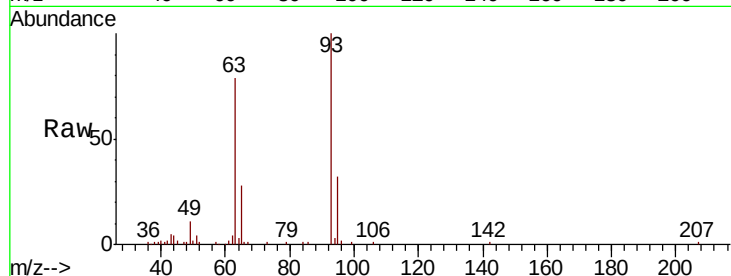
Tot Ion: 93 Resp: 52726

Ion Ratio Lower Upper

93 100

63 79.5 67.0 100.4

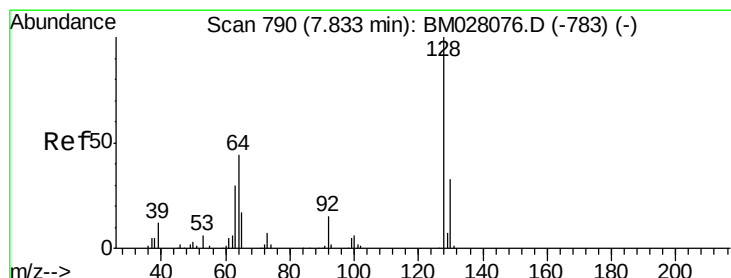
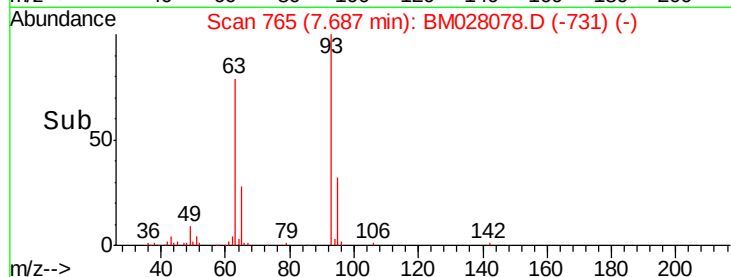
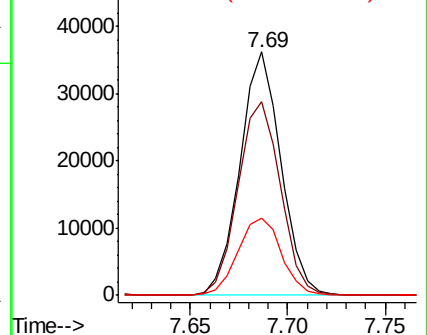
95 31.6 26.8 40.2



Abundance Ion 93.00 (92.70 to 93.70): BM028076.D (-758) (-)

Ion 63.00 (62.70 to 63.70): BM028076.D (-758) (-)

Ion 95.00 (94.70 to 95.70): BM028076.D (-758) (-)



#12

2-Chlorophenol

Concen: 2.517 ng/ul

RT: 7.83 min Scan# 790

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

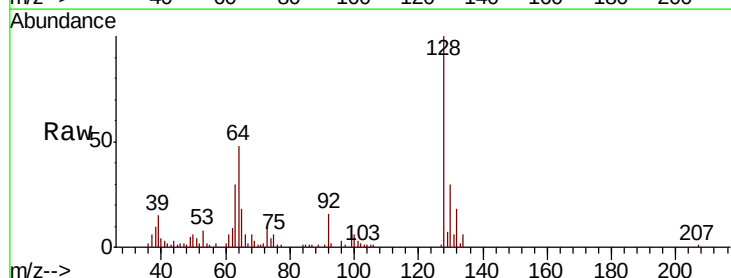
Tgt Ion: 128 Resp: 49213

Ion Ratio Lower Upper

128 100

64 48.3 37.4 56.2

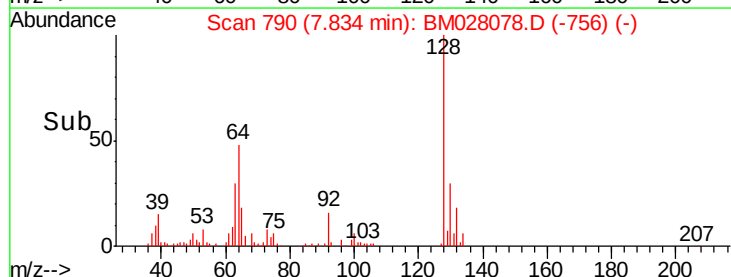
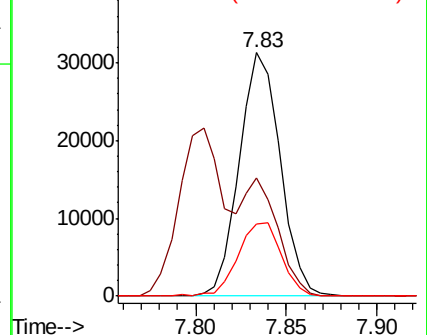
130 29.6 25.8 38.6

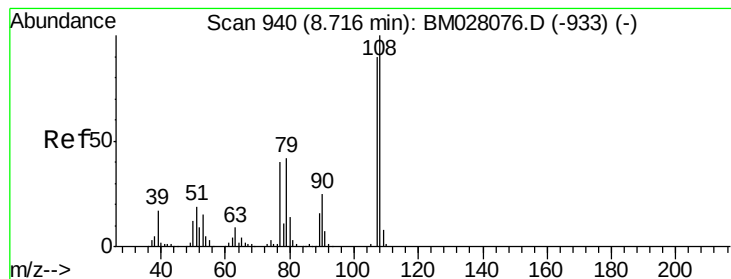


Abundance Ion 128.00 (127.70 to 128.70): BM028076.D (-783) (-)

Ion 64.00 (63.70 to 64.70): BM028076.D (-783) (-)

Ion 130.00 (129.70 to 130.70): BM028076.D (-783) (-)





#13

2-Methylphenol

Concen: 2.375 ng/ul

RT: 8.72 min Scan# 940

Delta R.T. 0.00 min

Lab File: BM028078.D

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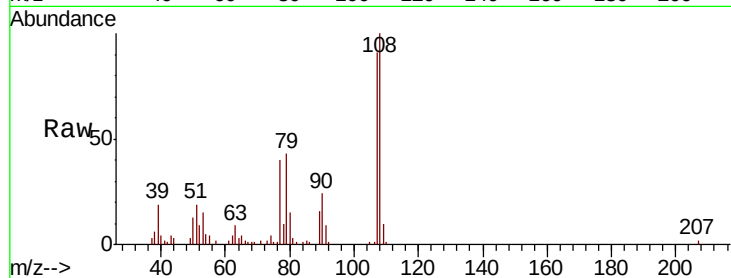
MDL-SOIL-06

Tot Ion:108 Resp: 41787

Ion Ratio Lower Upper

108 100

107 91.0 70.9 106.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.72

30000

25000

20000

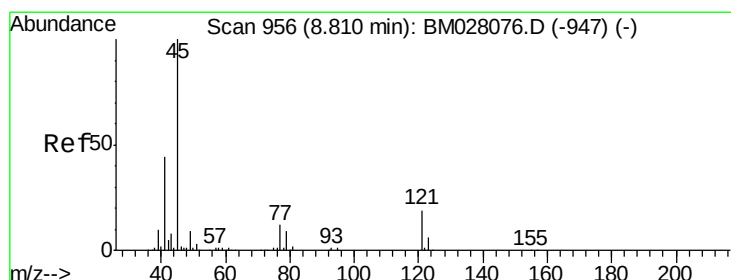
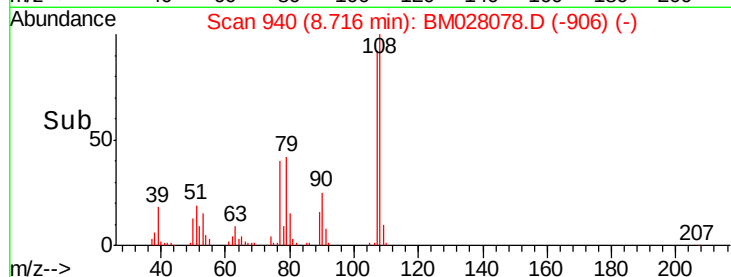
15000

10000

5000

0

Time-->



#14

2,2'-oxybis(1-Chloropropane)

Concen: 2.547 ng/ul

RT: 8.82 min Scan# 957

Delta R.T. 0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

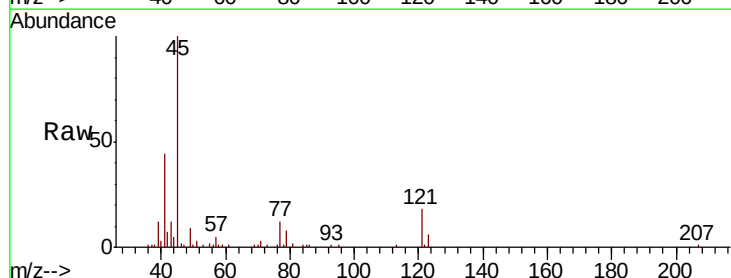
Tgt Ion: 45 Resp: 82233

Ion Ratio Lower Upper

45 100

77 12.4 9.5 14.3

79 8.4 7.4 11.0



Abundance Ion 45.00 (44.70 to 45.70): BM0

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

8.82

40000

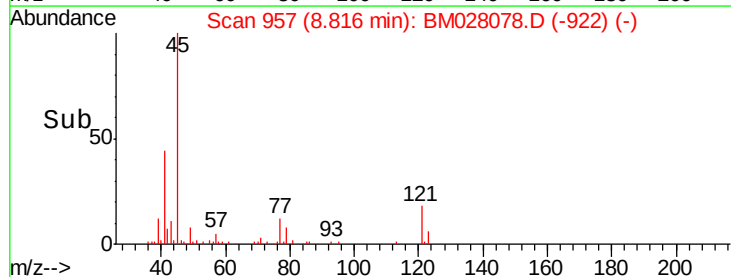
30000

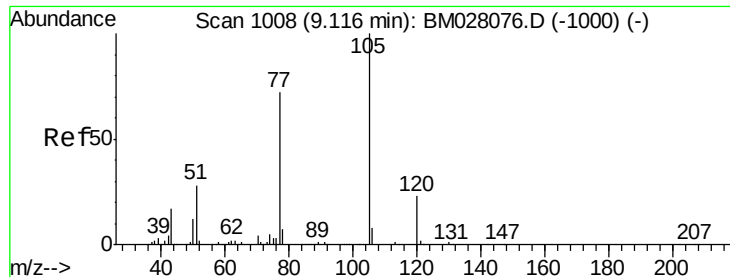
20000

10000

0

Time-->





#16

Acetophenone

Concen: 2.524 ng/ul

RT: 9.12 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

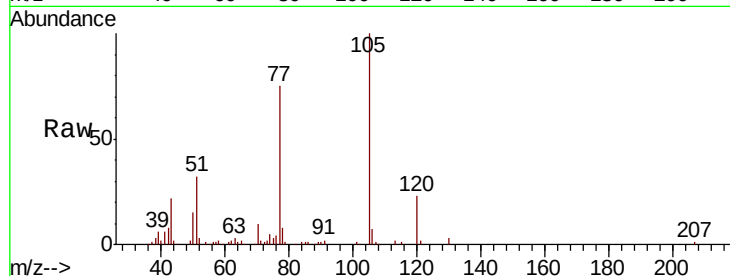
Tot Ion:105 Resp: 70935

Ion Ratio Lower Upper

105 100

77 75.1 60.8 91.2

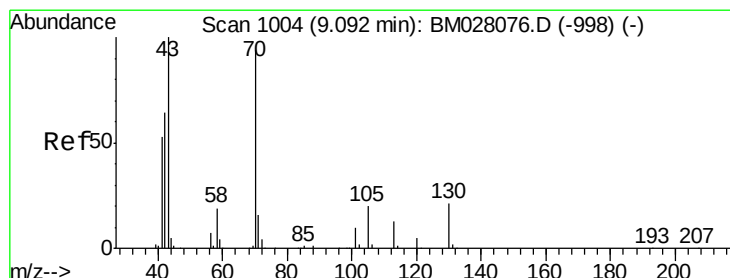
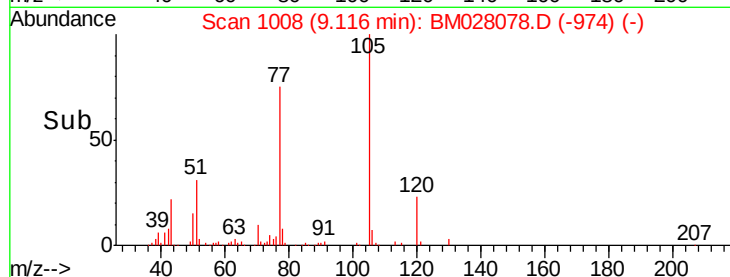
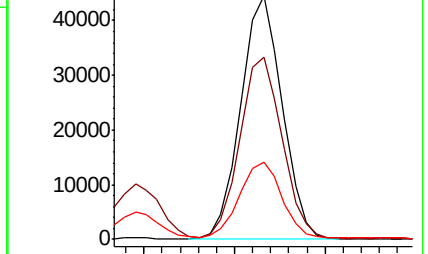
51 31.7 25.1 37.7



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#17

N-Nitroso-di-n-propylamine

Concen: 2.631 ng/ul

RT: 9.10 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Tgt Ion: 70 Resp: 36093

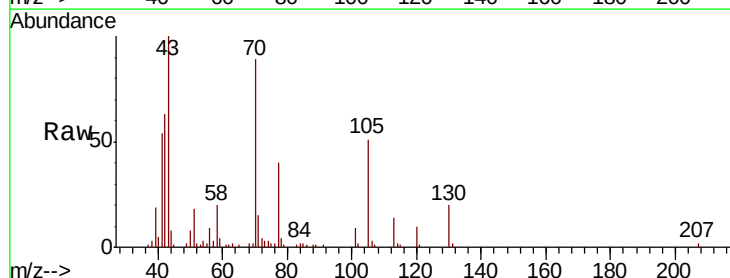
Ion Ratio Lower Upper

70 100

42 71.3 55.0 82.4

101 10.1 8.6 12.8

130 22.1 17.6 26.4

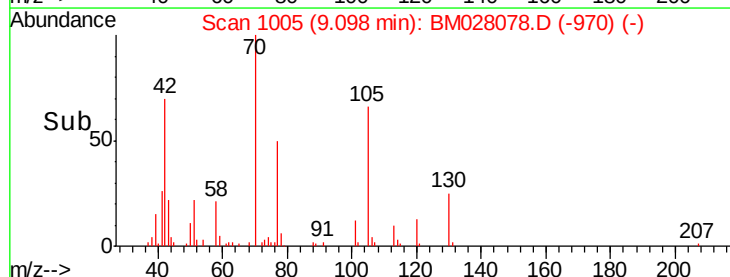
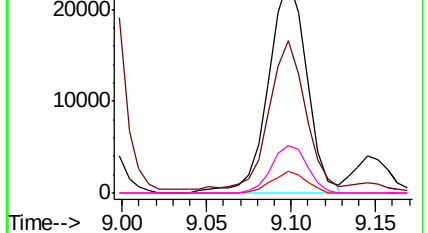


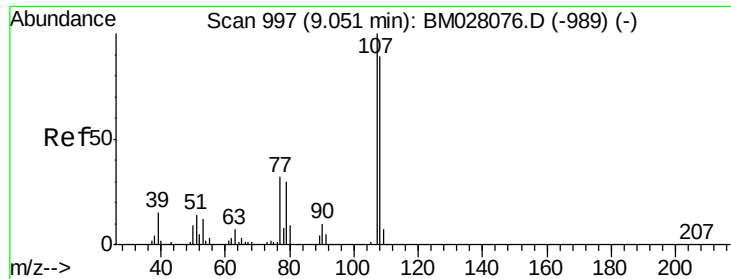
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

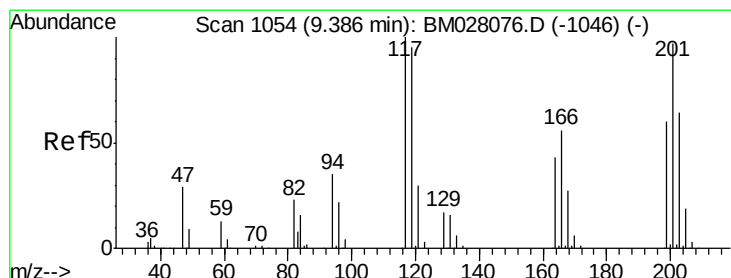
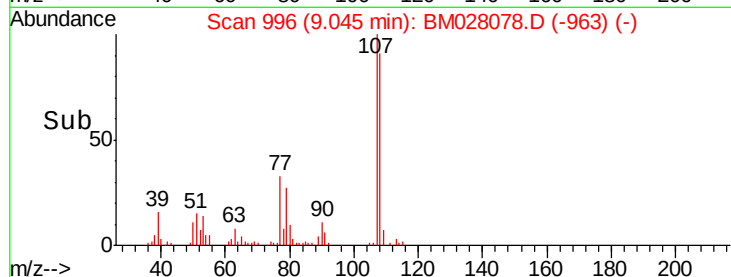
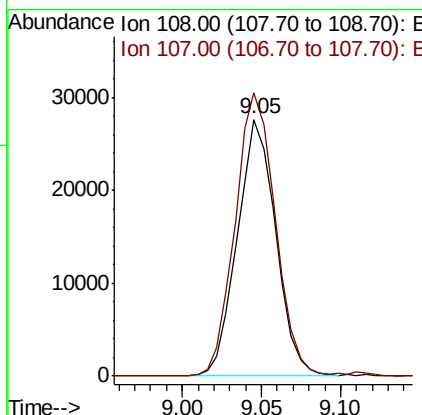
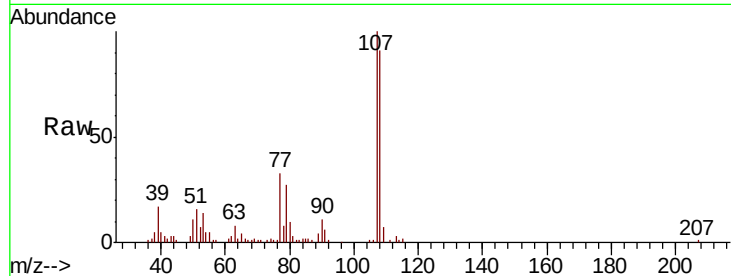




#18
4-Methylphenol
Concen: 2.451 ng/ul
RT: 9.05 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

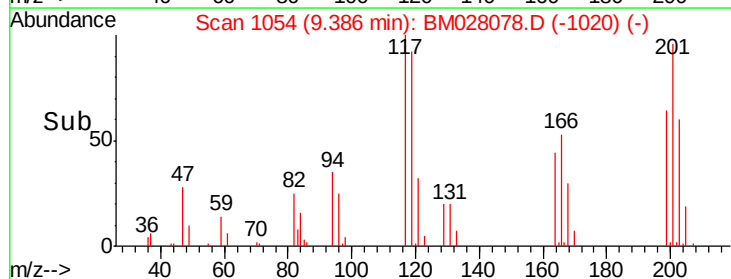
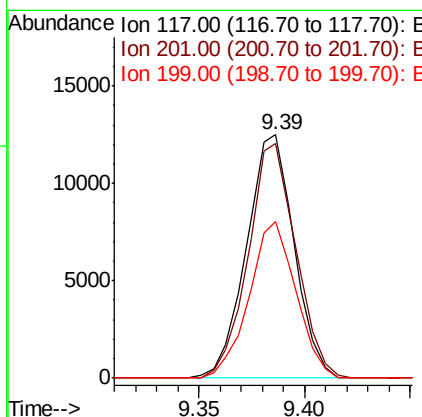
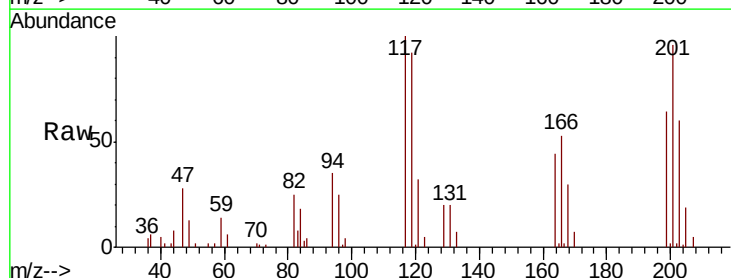
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

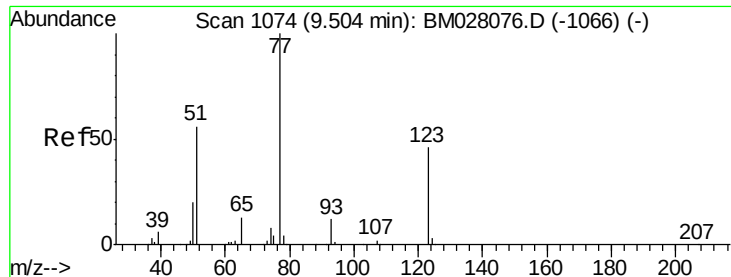
Tot Ion:108 Resp: 46652
Ion Ratio Lower Upper
108 100
107 110.3 89.8 134.6



#19
Hexachloroethane
Concen: 2.334 ng/ul
RT: 9.39 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Tgt Ion:117 Resp: 19575
Ion Ratio Lower Upper
117 100
201 96.4 76.9 115.3
199 64.4 50.0 75.0

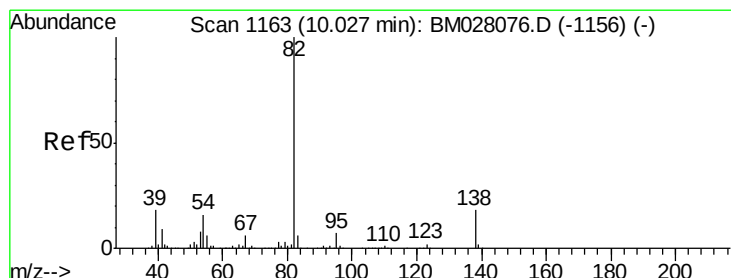
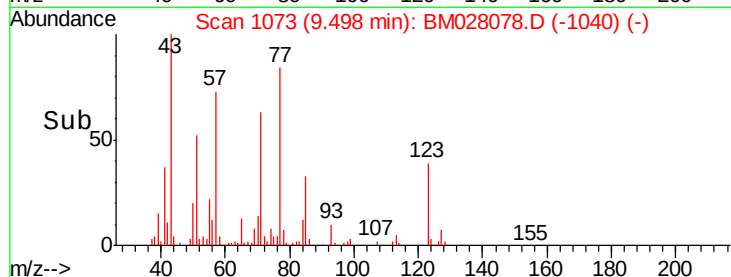
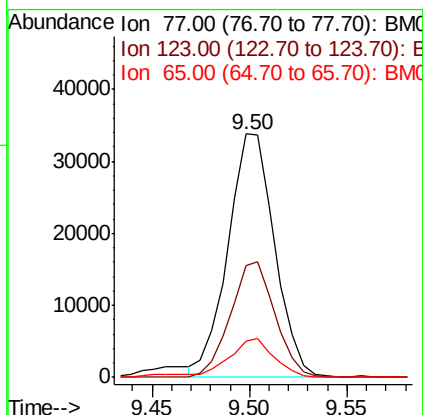
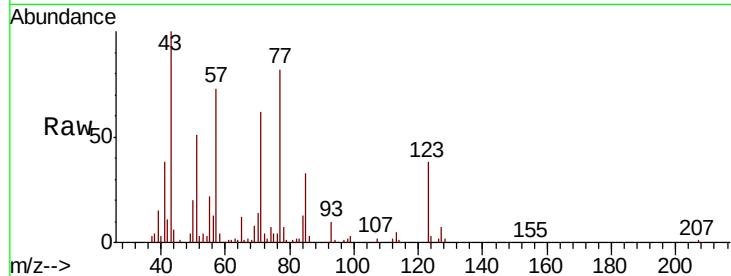




#22
Nitrobenzene
Concen: 2.473 ng/ul
RT: 9.50 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

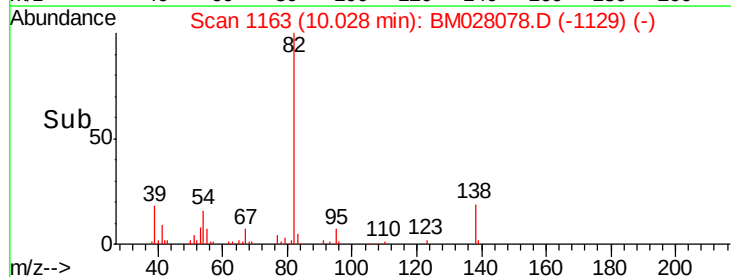
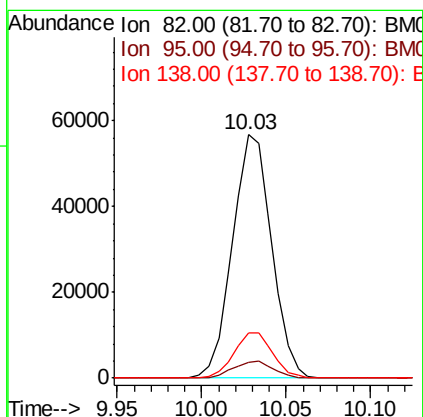
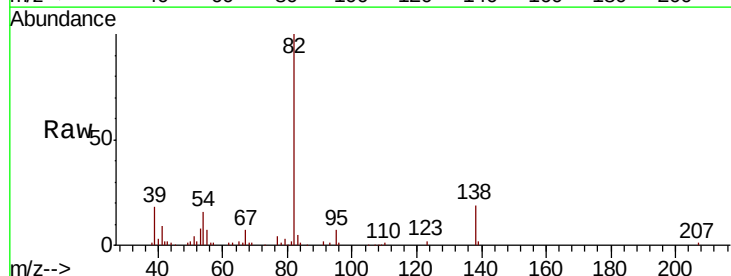
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

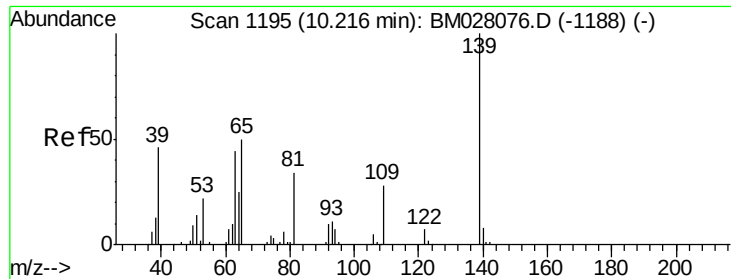
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.9	56.9
65	15.2	11.1	16.7



#23
Isophorone
Concen: 2.282 ng/ul
RT: 10.03 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	18.6	13.5	20.3

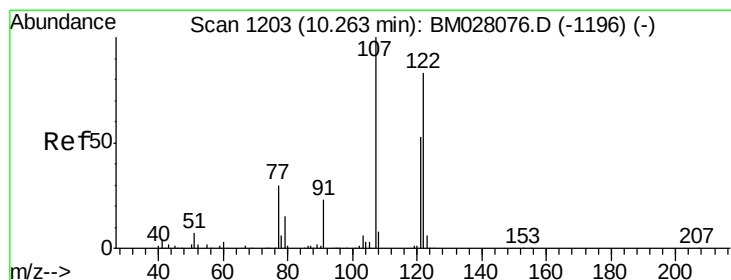
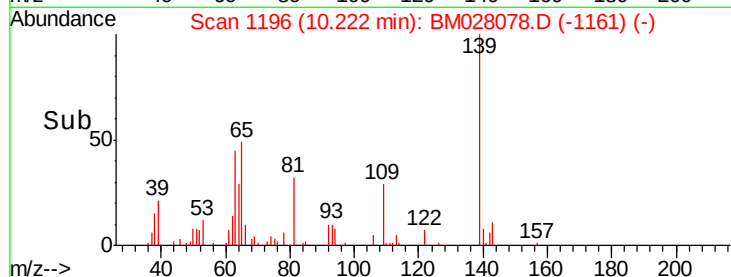
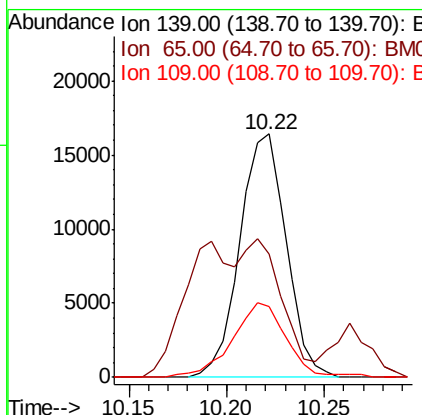
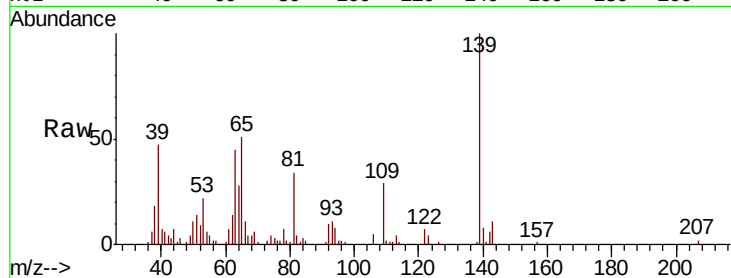




#25
2-Nitrophenol
Concen: 2.536 ng/ul
RT: 10.22 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

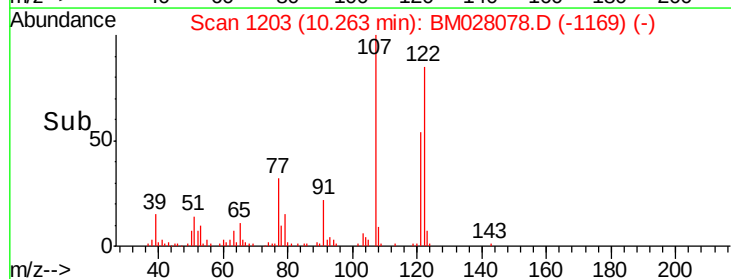
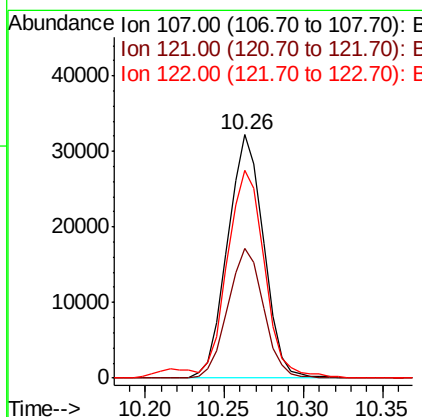
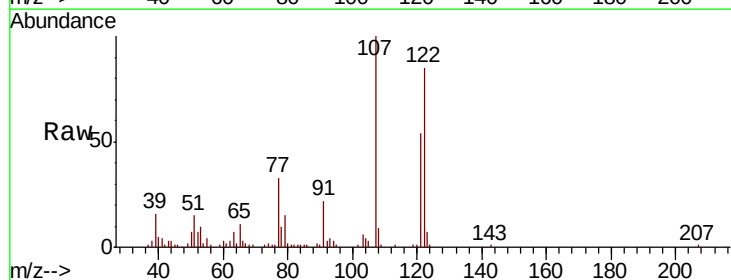
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

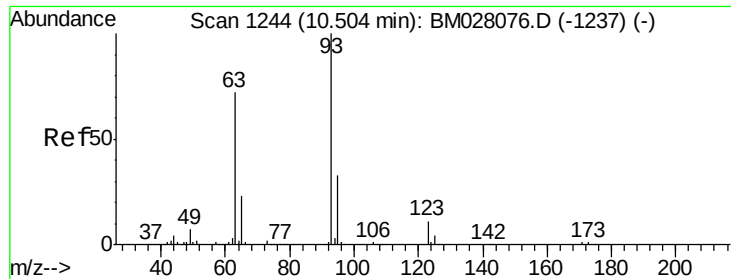
Tot Ion:139 Resp: 27076
Ion Ratio Lower Upper
139 100
65 50.7 43.0 64.6
109 29.2 23.7 35.5



#26
2,4-Dimethylphenol
Concen: 2.358 ng/ul
RT: 10.26 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Tgt Ion:107 Resp: 50847
Ion Ratio Lower Upper
107 100
121 53.5 42.3 63.5
122 85.1 70.3 105.5

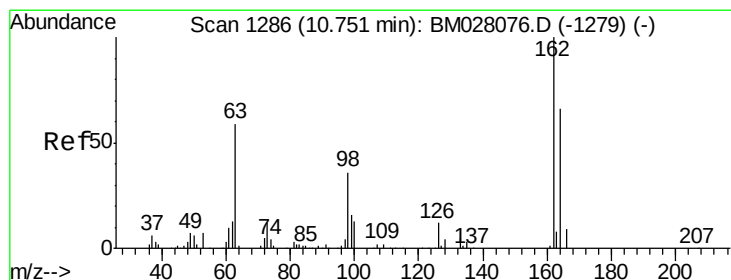
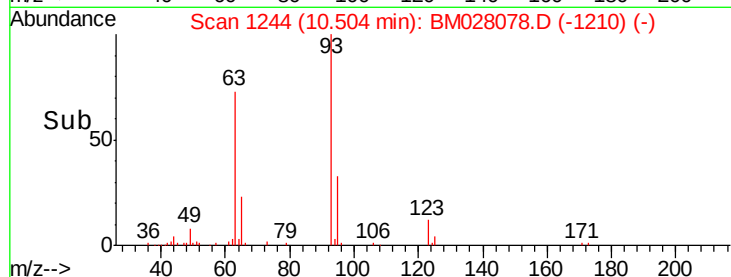
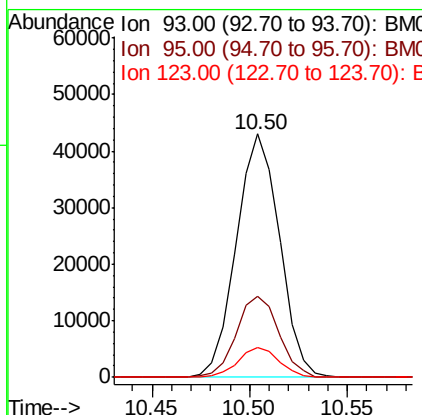
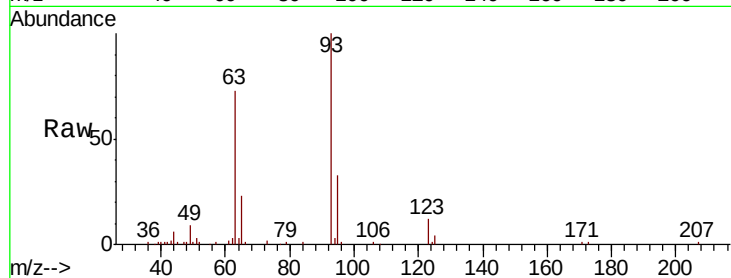




#27
 Bis(2-Chloroethoxy)methane
 Concen: 2.422 ng/ul
 RT: 10.50 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

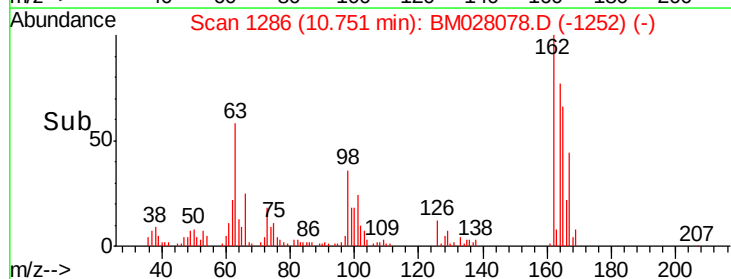
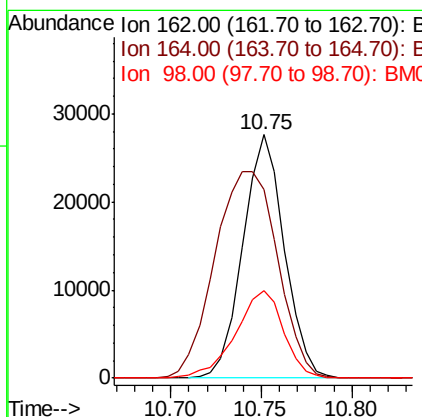
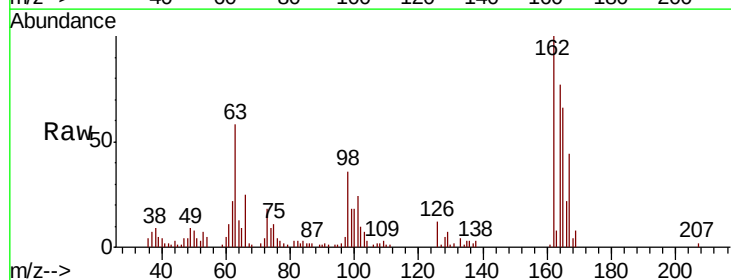
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-06

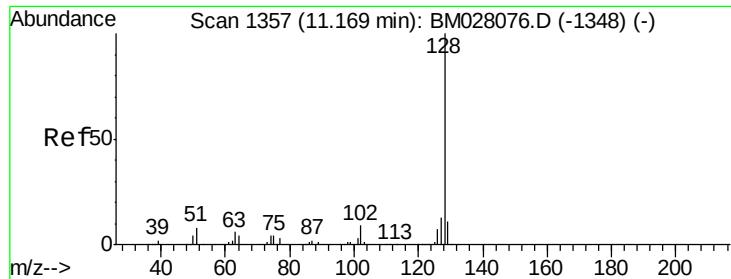
Tot Ion	93	Resp	65955
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.1	39.1
123	12.0	9.1	13.7



#29
 2,4-Dichlorophenol
 Concen: 2.350 ng/ul
 RT: 10.75 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

Tgt Ion	162	Resp	43803
Ion	Ratio	Lower	Upper
162	100		
164	77.4	52.9	79.3
98	36.1	29.8	44.6





#30

Naphthalene

Concen: 2.381 ng/ul

RT: 11.17 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

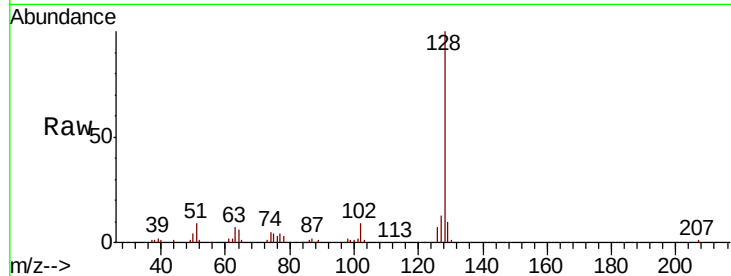
Tot Ion:128 Resp: 159475

Ion Ratio Lower Upper

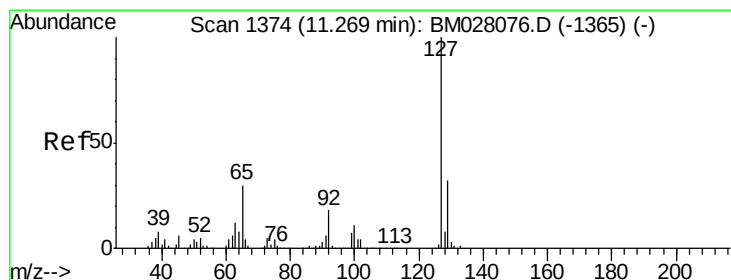
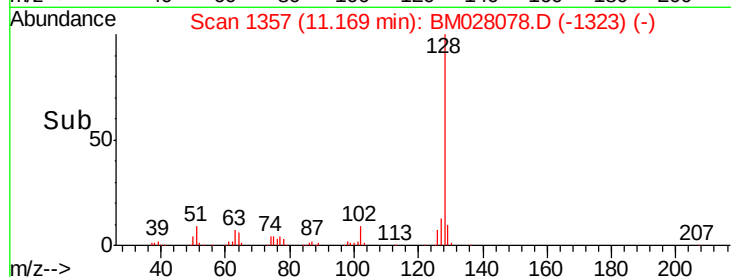
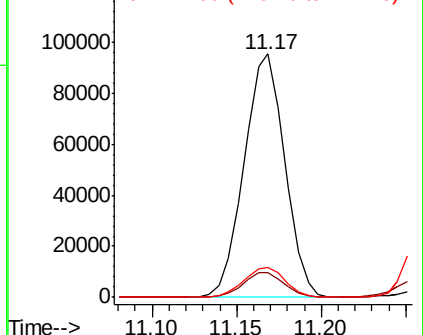
128 100

129 10.3 8.7 13.1

127 12.5 10.7 16.1



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



#32

4-Chloroaniline

Concen: 2.516 ng/ul

RT: 11.26 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BM028078.D

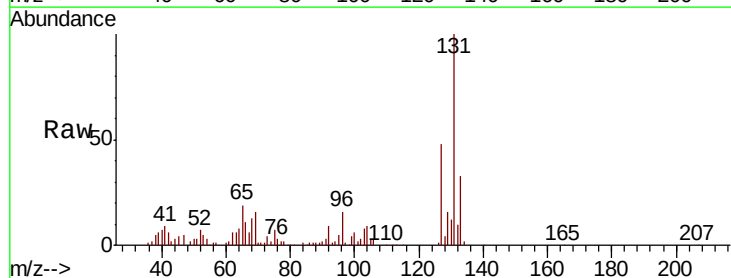
Acq: 08 Dec 2020 18:46

Tgt Ion:127 Resp: 64642

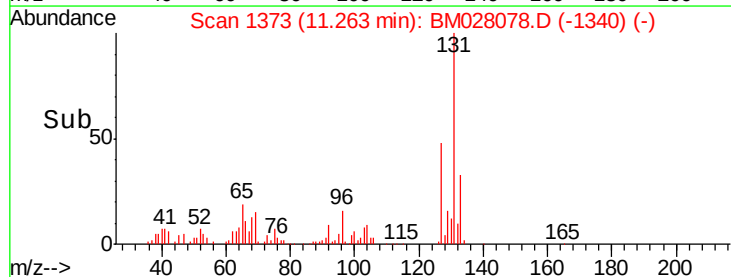
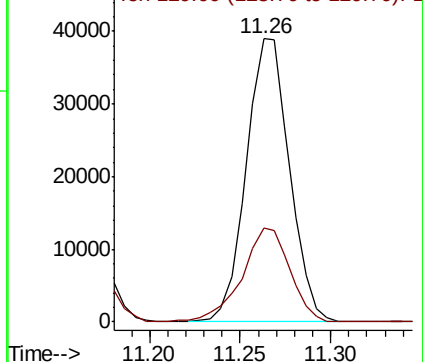
Ion Ratio Lower Upper

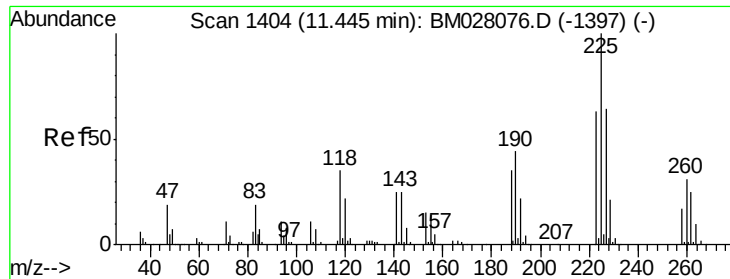
127 100

129 33.4 26.1 39.1



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





#33

Hexachlorobutadiene

Concen: 2.332 ng/ul

RT: 11.45 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

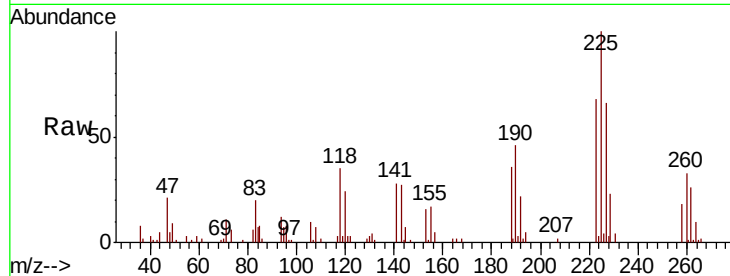
Tot Ion:225 Resp: 28325

Ion Ratio Lower Upper

225 100

223 68.2 52.0 78.0

227 66.4 51.0 76.6

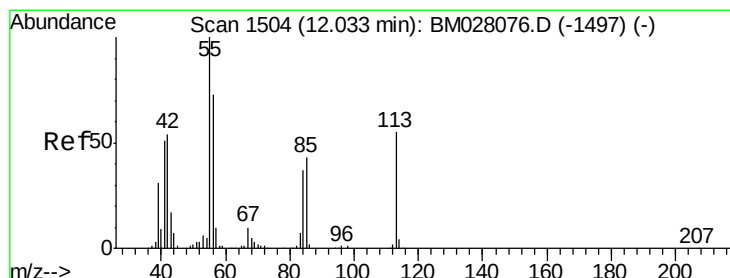
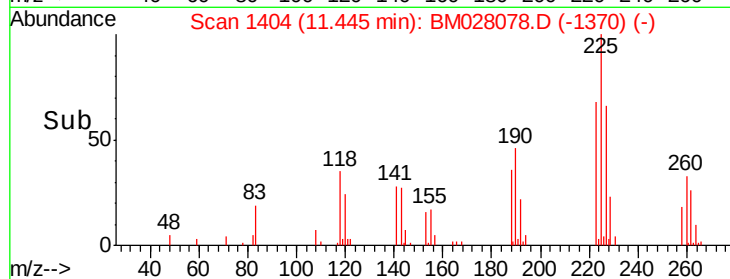
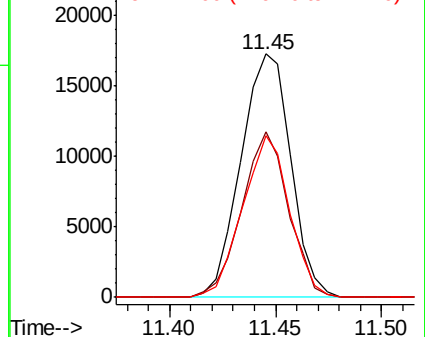


Abundance

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



#34

Caprolactam

Concen: 1.619 ng/ul

RT: 12.06 min Scan# 1509

Delta R.T. 0.03 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

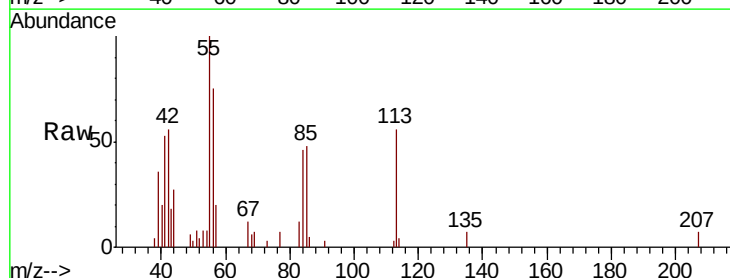
Tgt Ion:113 Resp: 9470

Ion Ratio Lower Upper

113 100

55 178.5 155.7 233.5

56 133.4 119.0 178.6

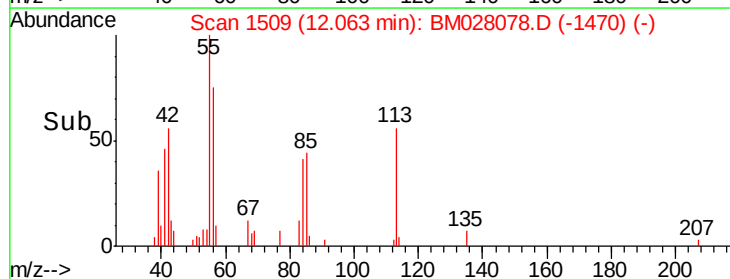
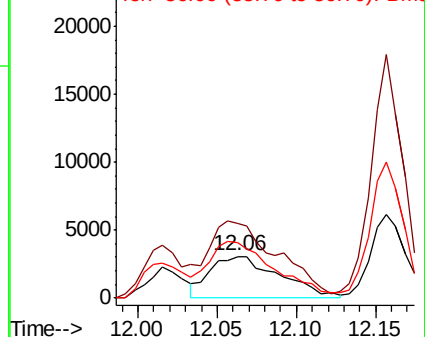


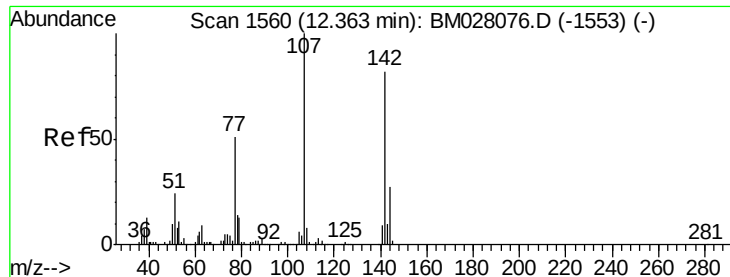
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM





#35

4-Chloro-3-methylphenol

Concen: 2.296 ng/ul

RT: 12.36 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

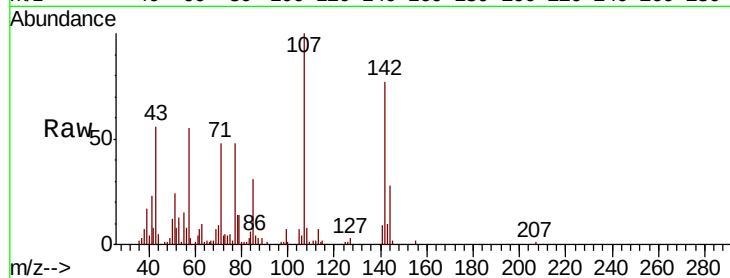
Tot Ion:107 Resp: 43983

Ion Ratio Lower Upper

107 100

144 27.6 20.4 30.6

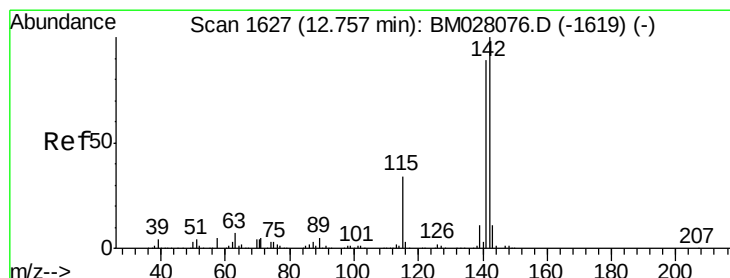
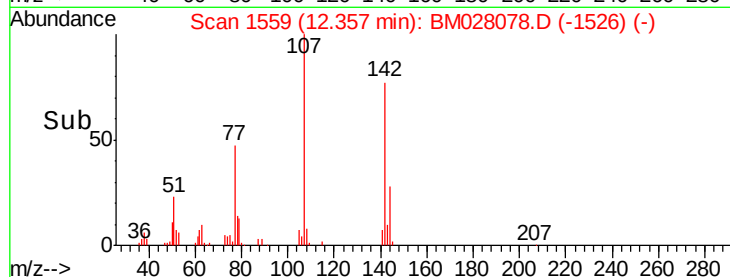
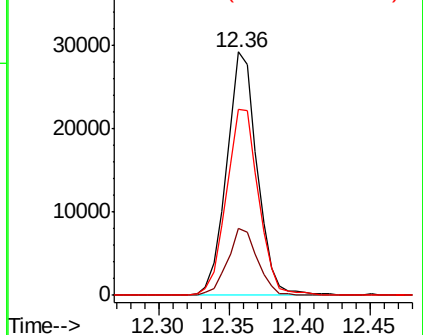
142 76.5 64.9 97.3



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#36

2-Methylnaphthalene

Concen: 2.399 ng/ul

RT: 12.75 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BM028078.D

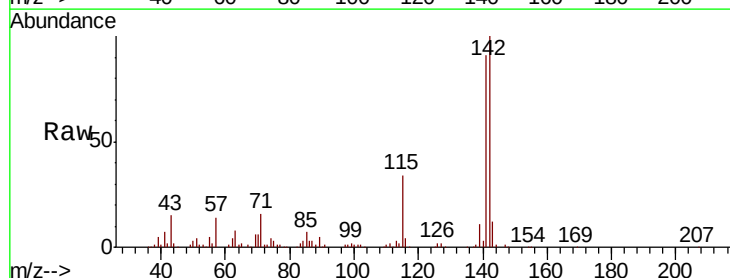
Acq: 08 Dec 2020 18:46

Tgt Ion:142 Resp: 109204

Ion Ratio Lower Upper

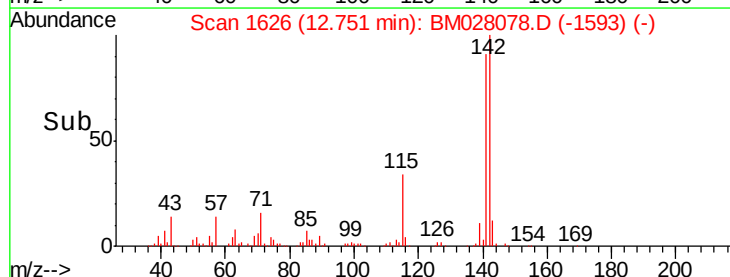
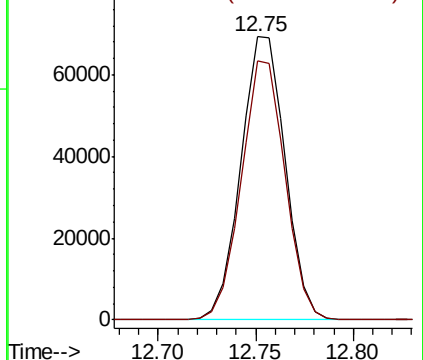
142 100

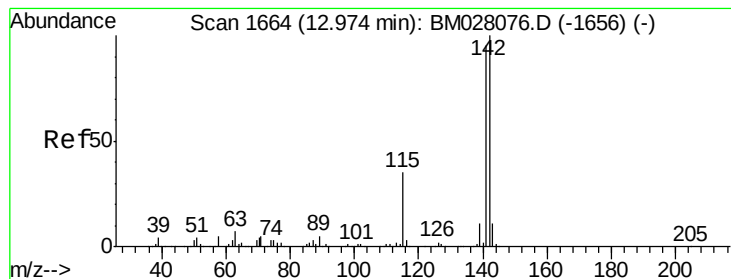
141 91.4 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#37

1-Methylnaphthalene

Concen: 2.378 ng/ul

RT: 12.97 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

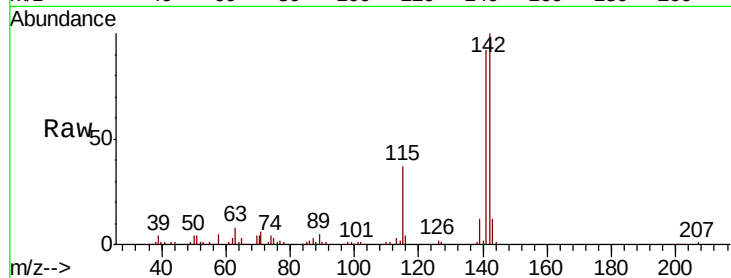
Tot Ion:142 Resp: 104122

Ion Ratio Lower Upper

142 100

141 91.5 75.4 113.0

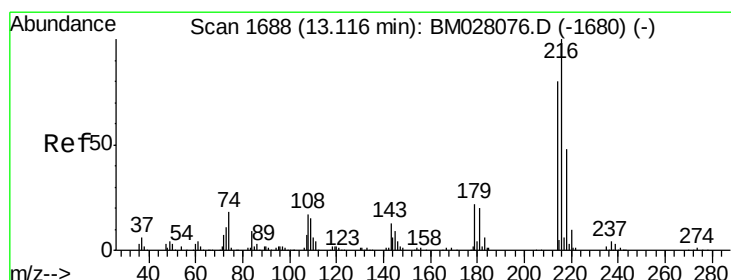
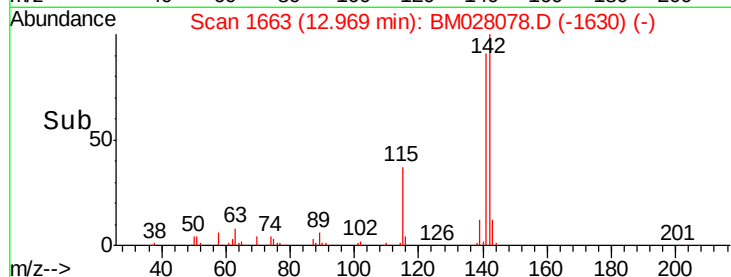
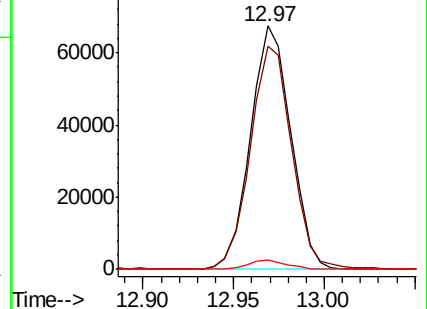
116 3.8 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.358 ng/ul

RT: 13.12 min Scan# 1688

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Tgt Ion:216 Resp: 54042

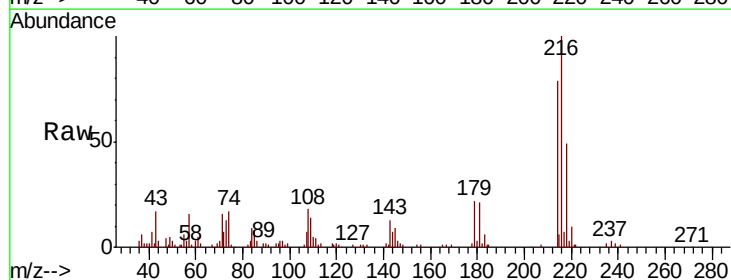
Ion Ratio Lower Upper

216 100

214 79.1 62.6 93.8

179 22.2 16.6 25.0

108 17.8 14.9 22.3

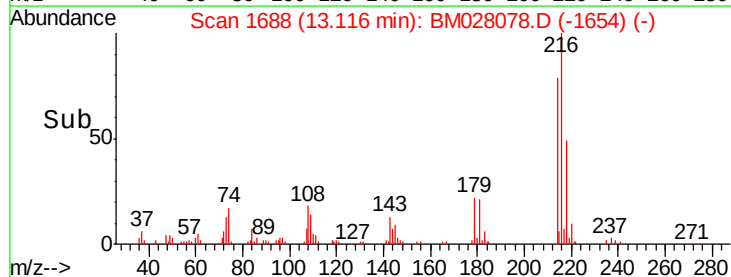
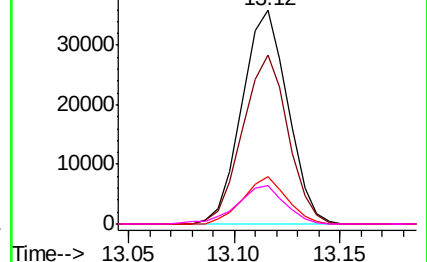


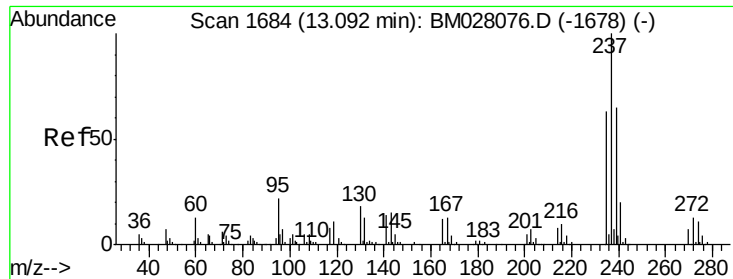
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 1.881 ng/ul

RT: 13.09 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

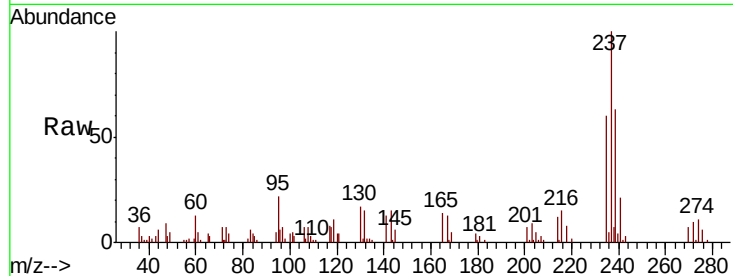
BNA_M

ClientSampleId :

MDL-SOIL-06

Tot Ion:237 Resp: 25280

Ion	Ratio	Lower	Upper
237	100		
235	59.9	50.4	75.6
272	11.0	10.2	15.4

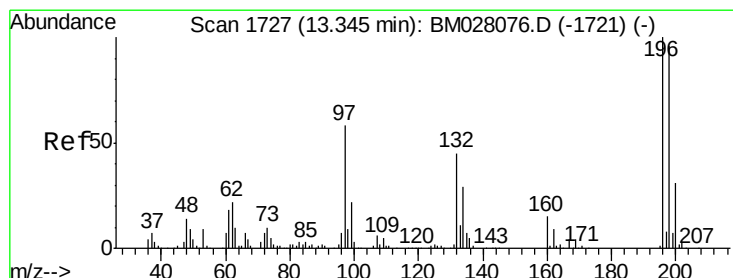
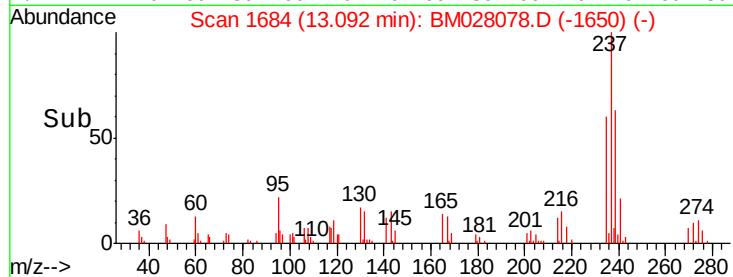
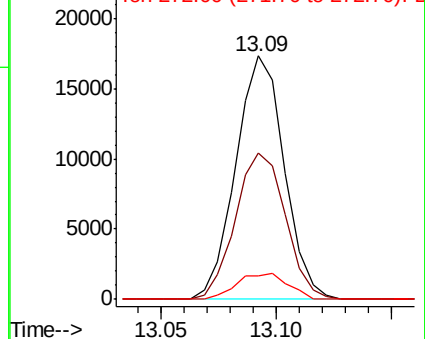


Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#41

2,4,6-Trichlorophenol

Concen: 2.186 ng/ul

RT: 13.35 min Scan# 1727

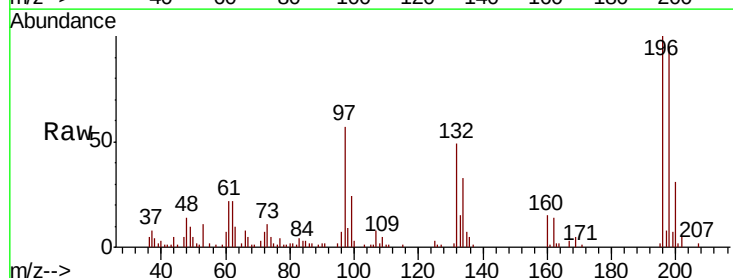
Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Tgt Ion:196 Resp: 30770

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	114.8
200	31.4	24.6	37.0

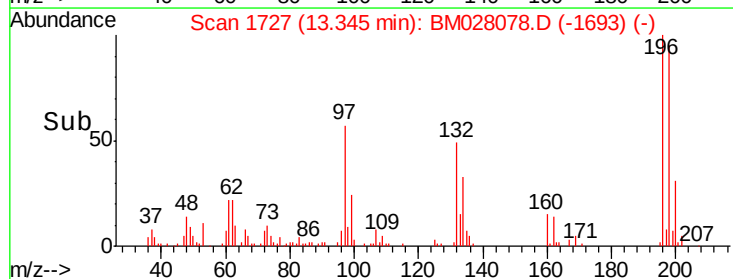
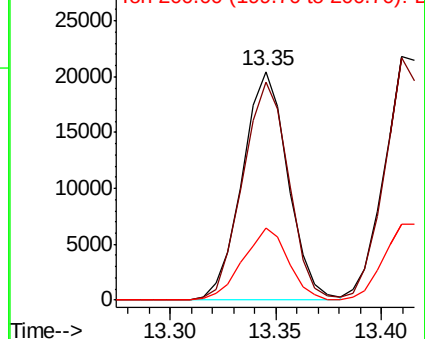


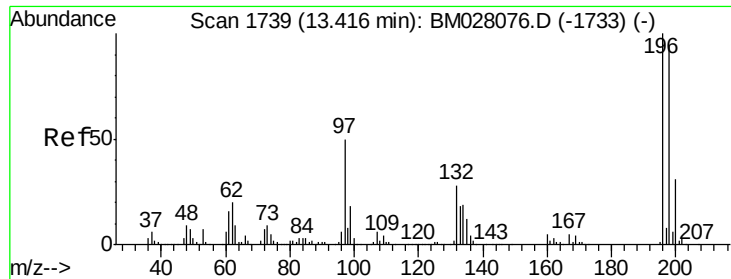
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

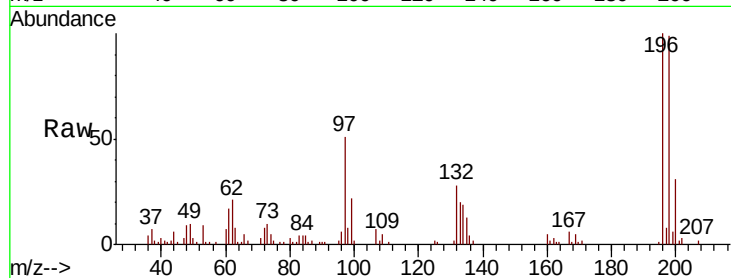




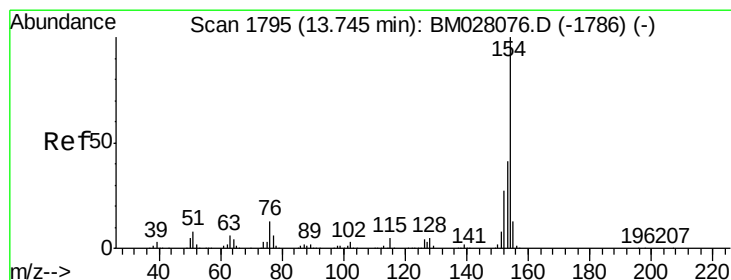
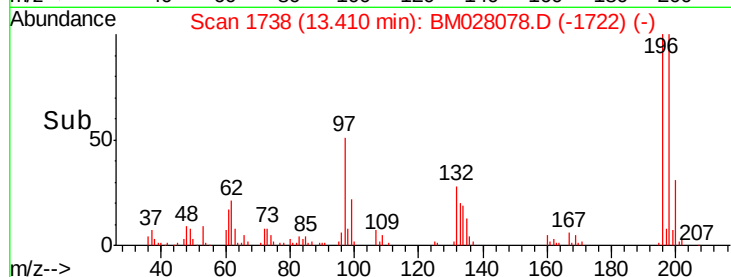
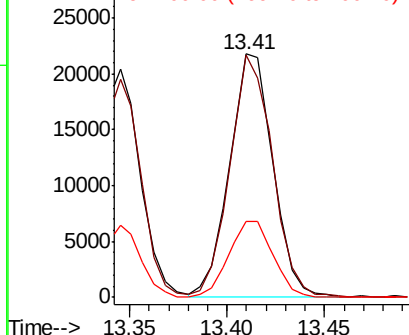
#42
 2,4,5-Trichlorophenol
 Concen: 2.212 ng/ul
 RT: 13.41 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

Instrument :
 BNA_M
 ClientSampleID :
 MDL-SOIL-06

Tot Ion:196 Resp: 33636
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.4 114.6
 200 31.3 24.3 36.5

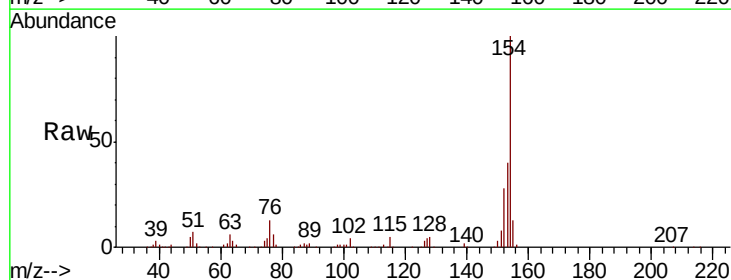


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

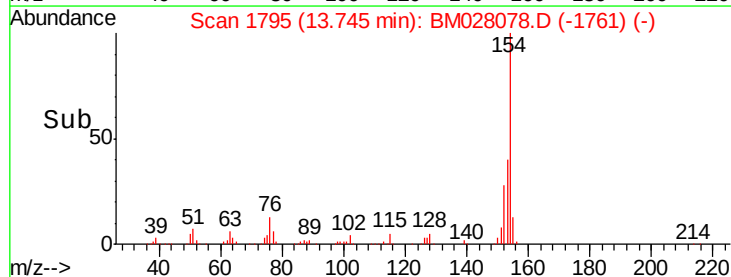
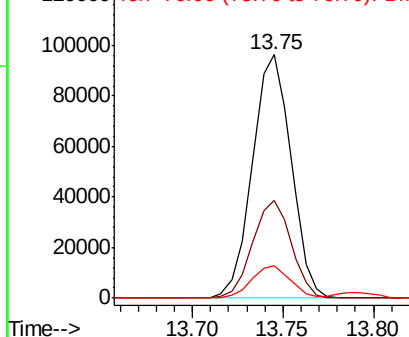


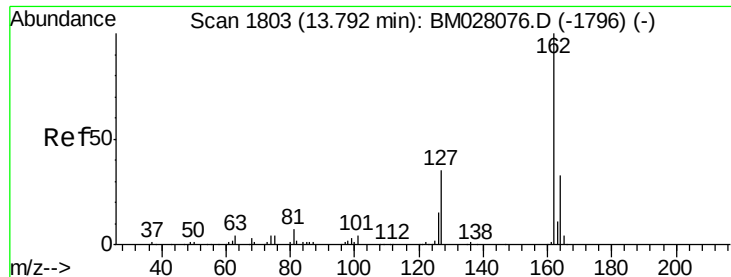
#43
 1,1'-Biphenyl
 Concen: 2.427 ng/ul
 RT: 13.75 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

Tgt Ion:154 Resp: 142885
 Ion Ratio Lower Upper
 154 100
 153 40.2 31.6 47.4
 76 13.3 10.4 15.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

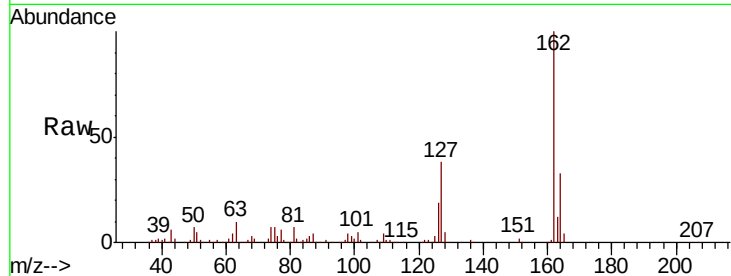




#44
2-Chloronaphthalene
Concen: 2.420 ng/ul
RT: 13.79 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tot Ion	Ratio	Lower	Upper
162	100		
164	33.4	26.4	39.6
127	38.1	30.6	46.0

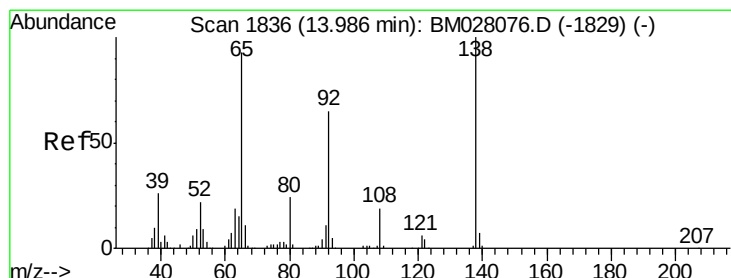
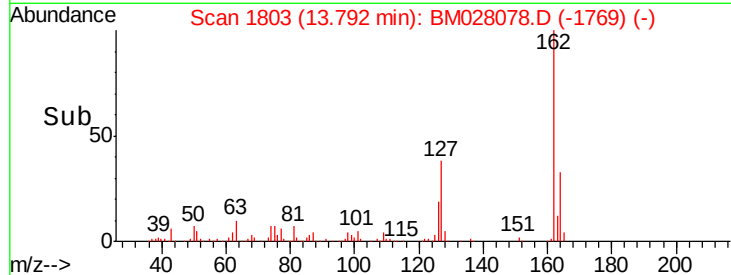
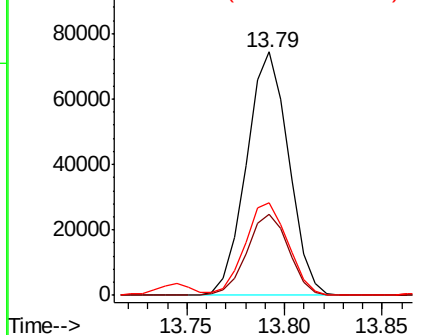


Abundance

Ion 162.00 (161.70 to 162.70): E

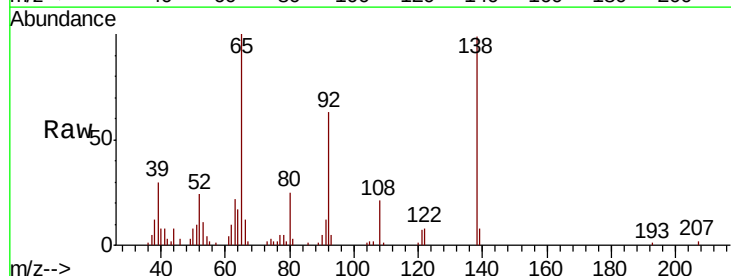
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#45
2-Nitroaniline
Concen: 2.108 ng/ul
RT: 13.98 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	53.0	79.6
138	99.2	82.6	123.8

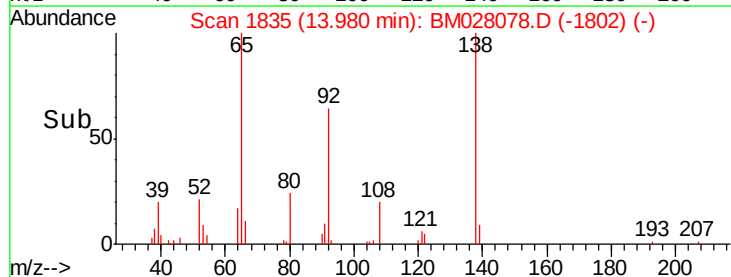
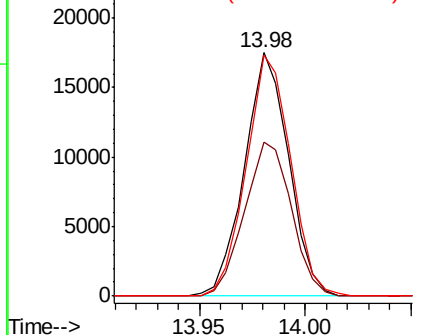


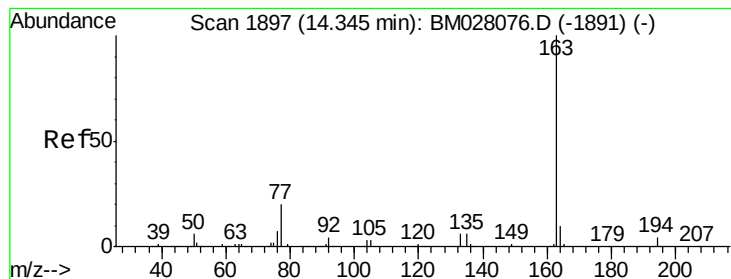
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#47

Dimethylphthalate

Concen: 2.438 ng/ul

RT: 14.34 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

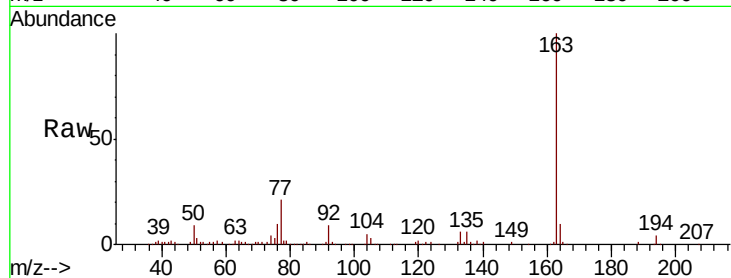
Tot Ion:163 Resp: 135711

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

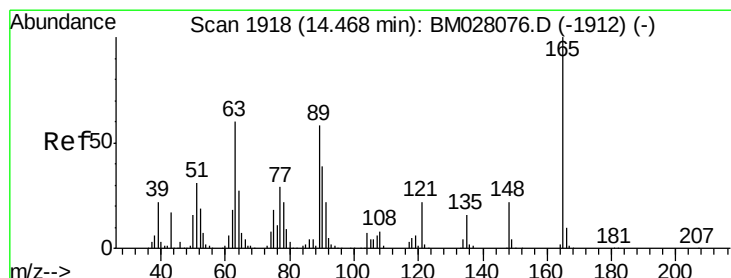
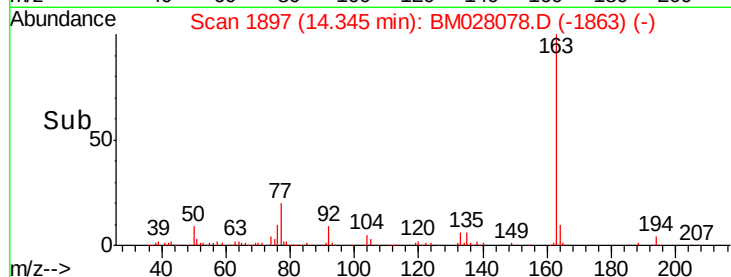
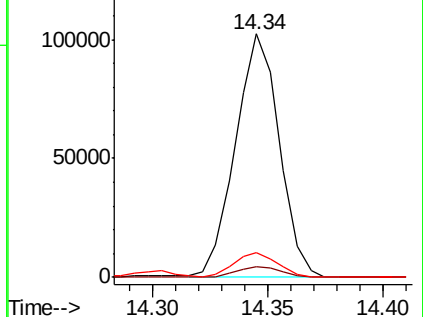
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2,6-Dinitrotoluene

Concen: 2.070 ng/ul

RT: 14.47 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

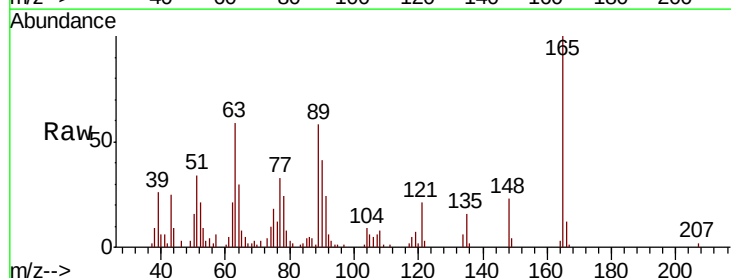
Tgt Ion:165 Resp: 22091

Ion Ratio Lower Upper

165 100

89 58.4 48.5 72.7

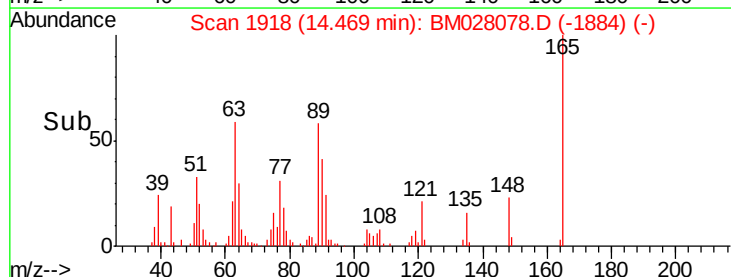
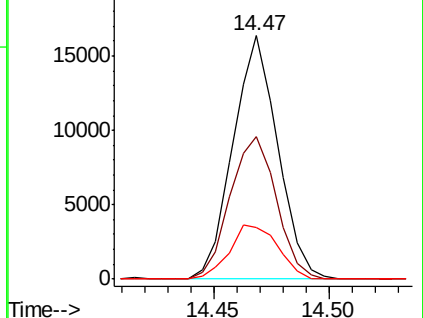
121 21.4 18.2 27.4

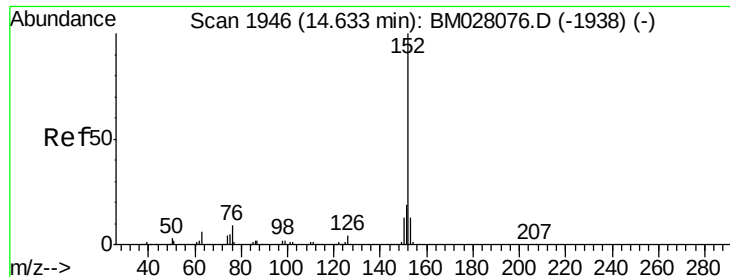


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 2.477 ng/ul

RT: 14.63 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

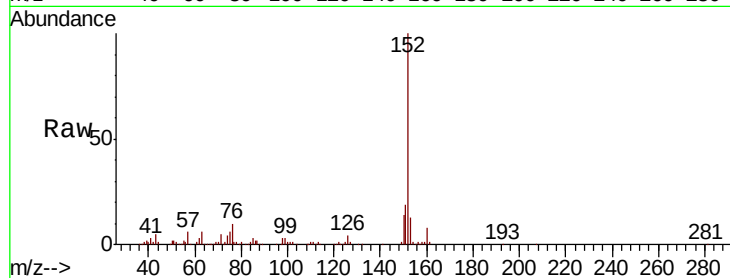
Tot Ion:152 Resp: 168222

Ion Ratio Lower Upper

152 100

151 18.6 15.6 23.4

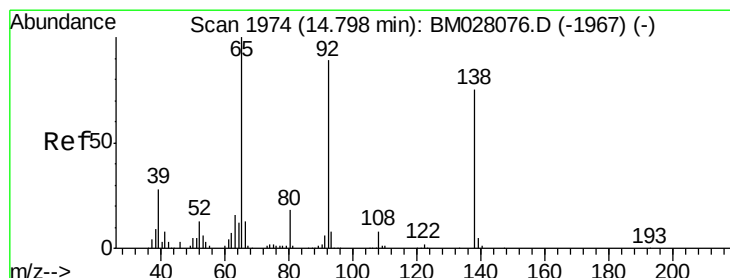
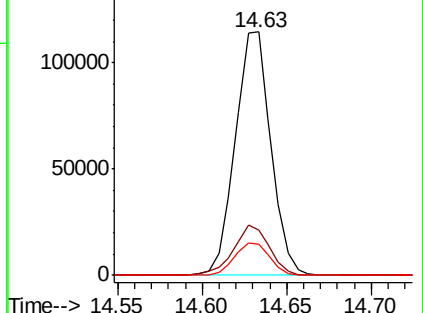
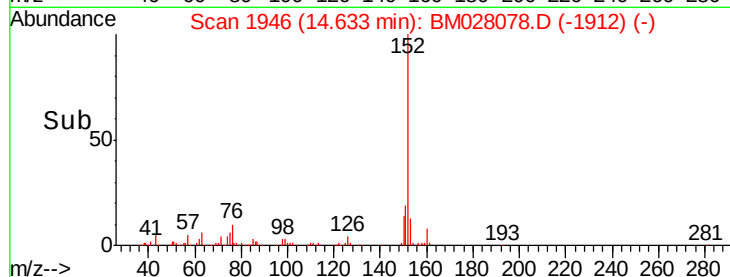
153 12.8 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

3-Nitroaniline

Concen: 2.361 ng/ul

RT: 14.79 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

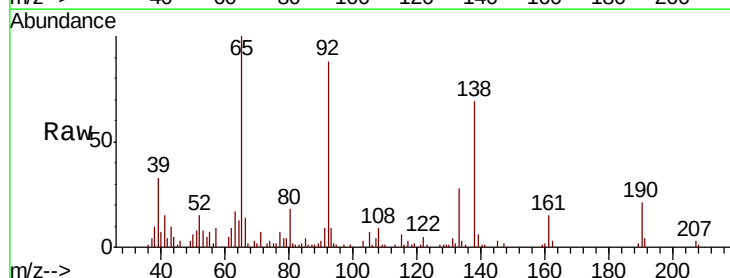
Tgt Ion:138 Resp: 23591

Ion Ratio Lower Upper

138 100

108 12.4 8.8 13.2

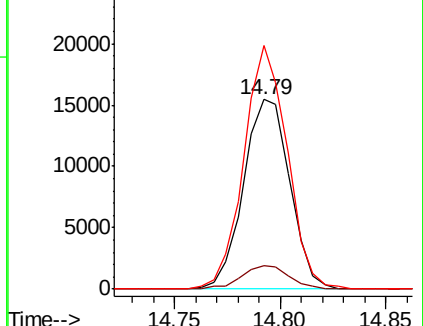
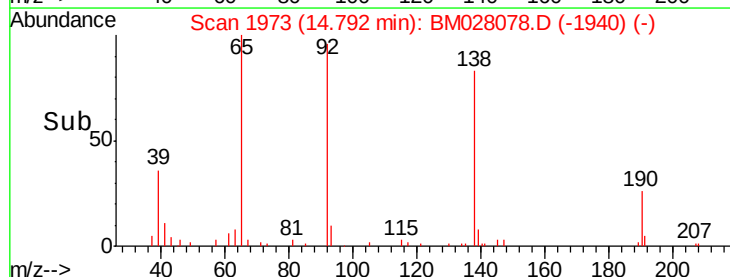
92 128.3 92.0 138.0

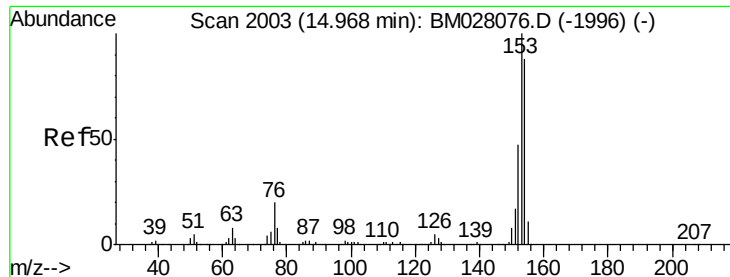


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#52

Acenaphthene

Concen: 2.492 ng/ul

RT: 14.97 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampled :

MDL-SOIL-06

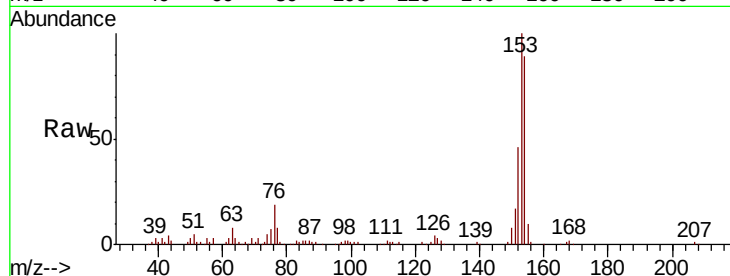
Tot Ion:153 Resp: 122024

Ion Ratio Lower Upper

153 100

152 45.6 36.0 54.0

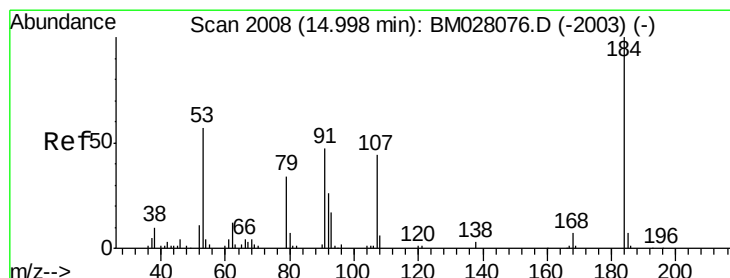
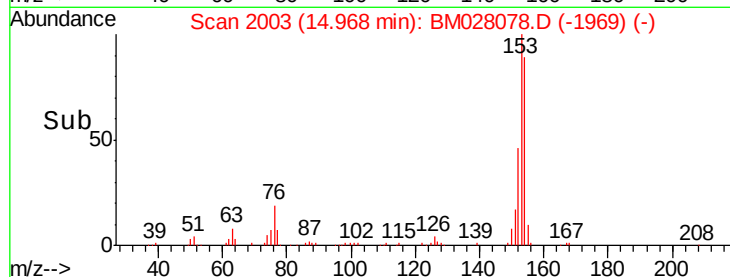
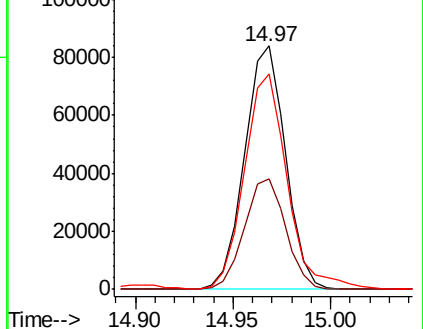
154 88.6 71.4 107.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

2,4-Dinitrophenol

Concen: 1.500 ng/ul

RT: 15.00 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

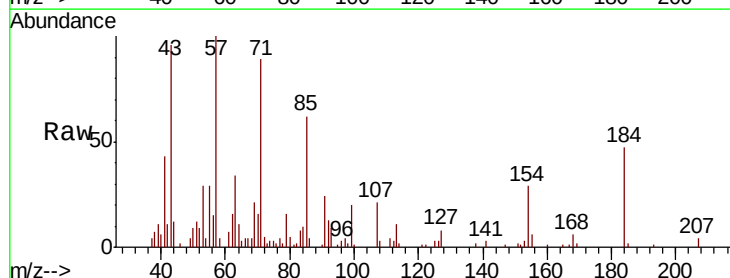
Tgt Ion:184 Resp: 9205

Ion Ratio Lower Upper

184 100

63 71.8 59.9 89.9

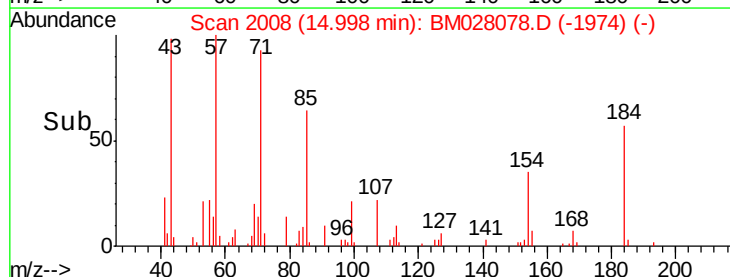
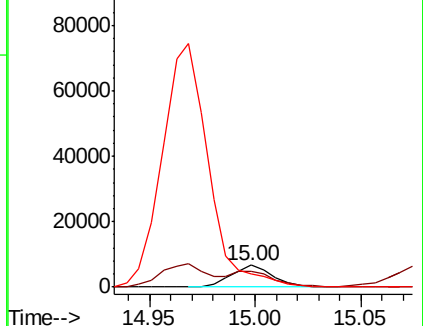
154 61.0 50.8 76.2

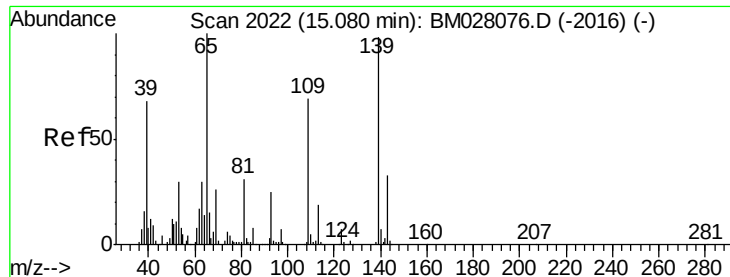


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 2.800 ng/ul

RT: 15.08 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

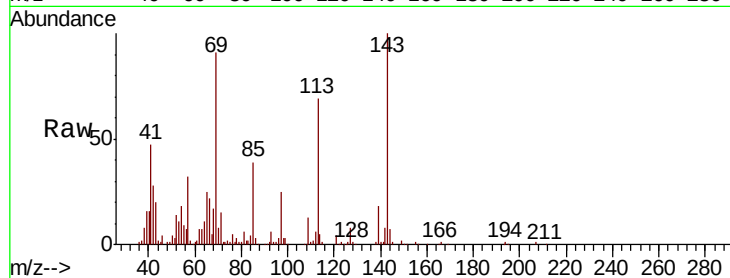
Tot Ion:109 Resp: 21070

Ion Ratio Lower Upper

109 100

139 136.3 115.3 172.9

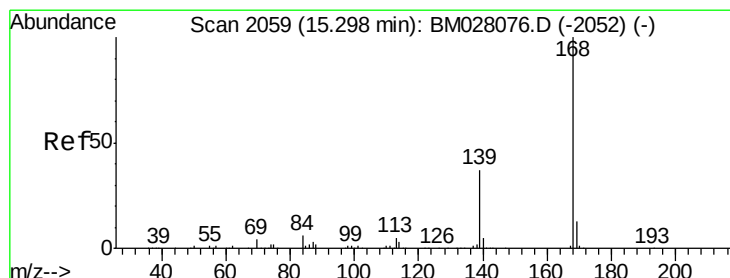
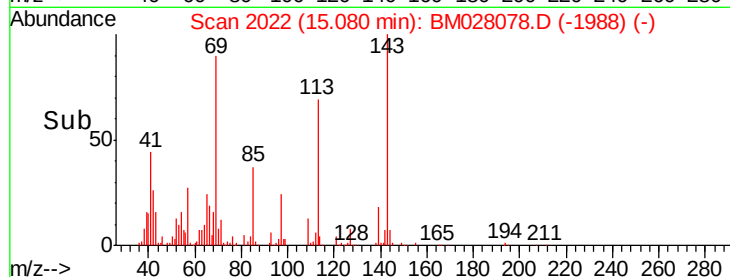
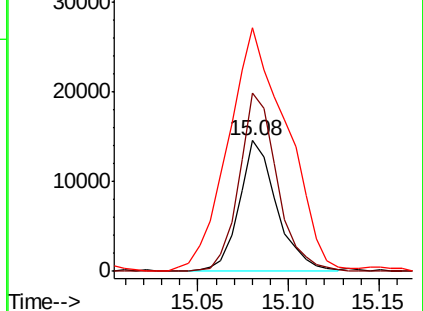
65 186.2 118.6 177.8#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

Dibenzofuran

Concen: 2.570 ng/ul

RT: 15.29 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BM028078.D

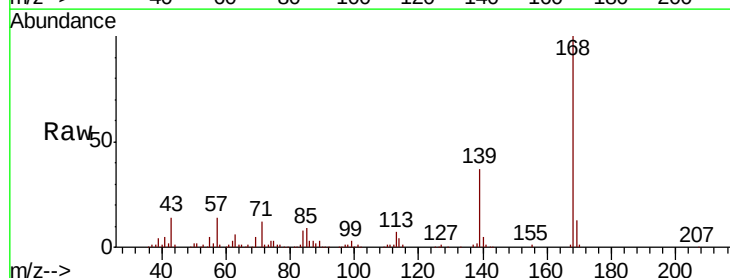
Acq: 08 Dec 2020 18:46

Tgt Ion:168 Resp: 171475

Ion Ratio Lower Upper

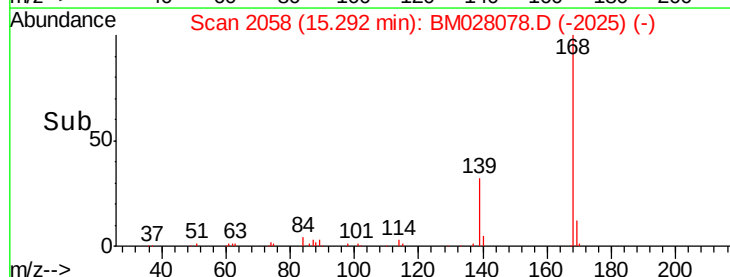
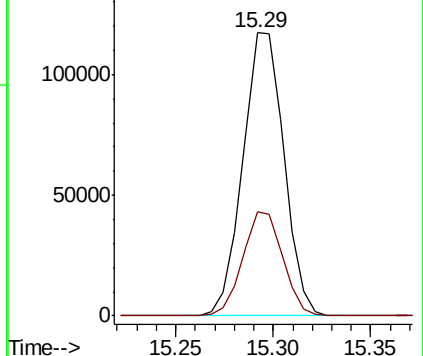
168 100

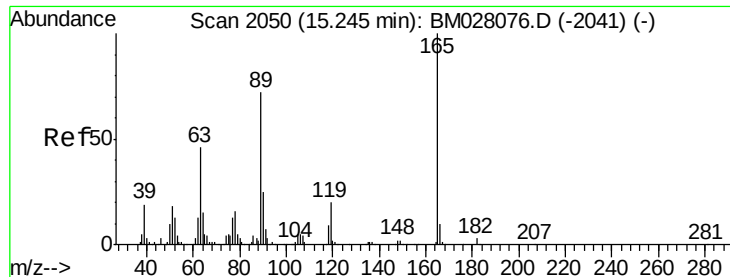
139 36.9 27.9 41.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

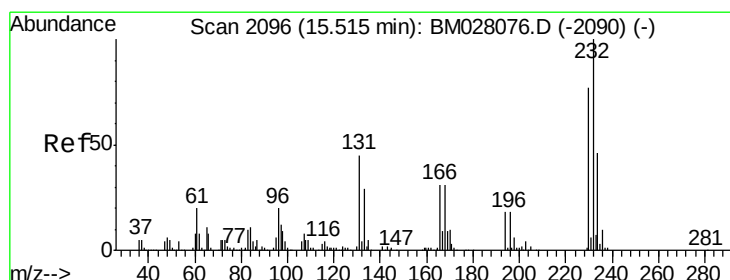
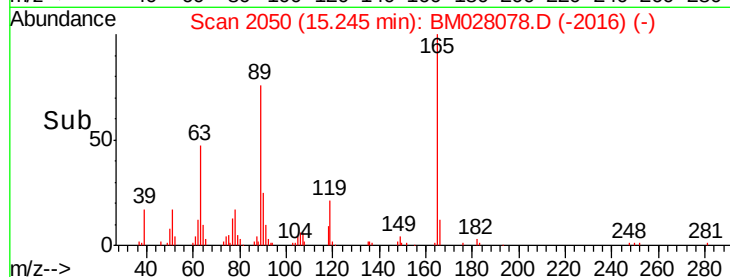
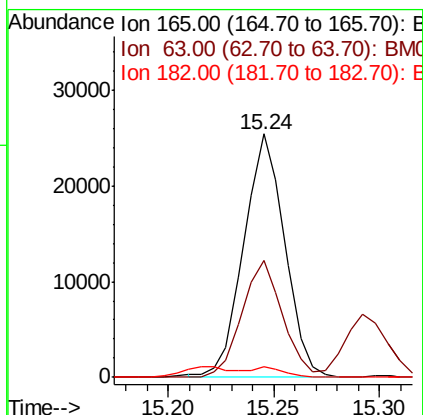
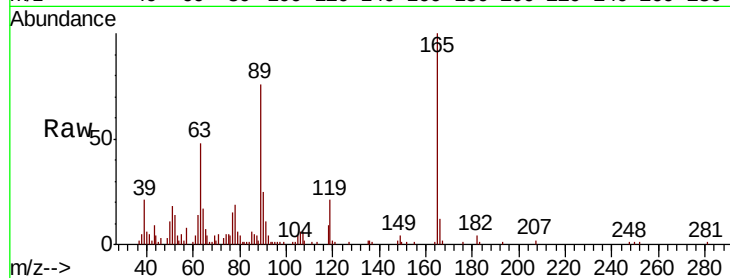




#57
2,4-Dinitrotoluene
Concen: 2.287 ng/ul
RT: 15.24 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

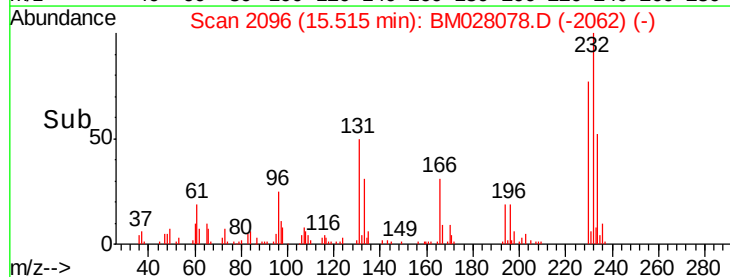
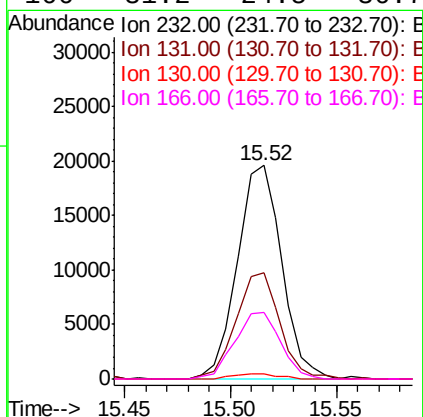
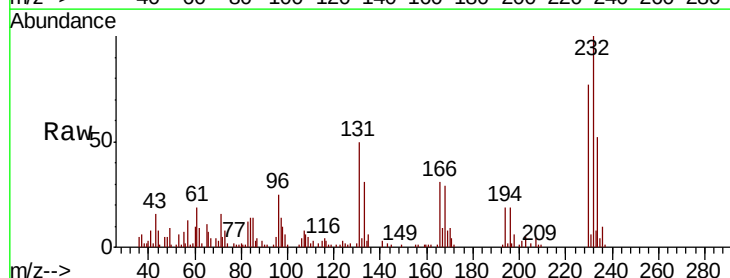
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

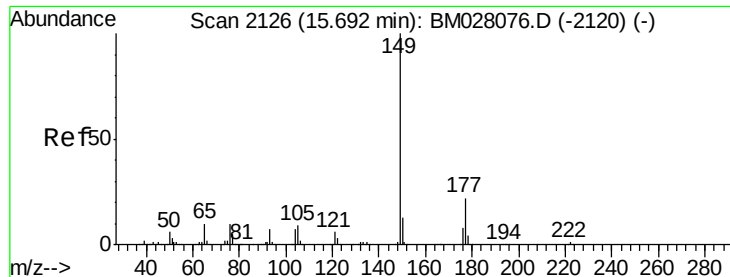
Tot Ion:165 Resp: 34283
Ion Ratio Lower Upper
165 100
63 48.2 37.4 56.0
182 4.2 2.6 4.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.214 ng/ul
RT: 15.52 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Tgt Ion:232 Resp: 28472
Ion Ratio Lower Upper
232 100
131 49.6 35.5 53.3
130 2.3 1.9 2.9
166 31.2 24.5 36.7





#59

Diethylphthalate

Concen: 2.510 ng/ul

RT: 15.69 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

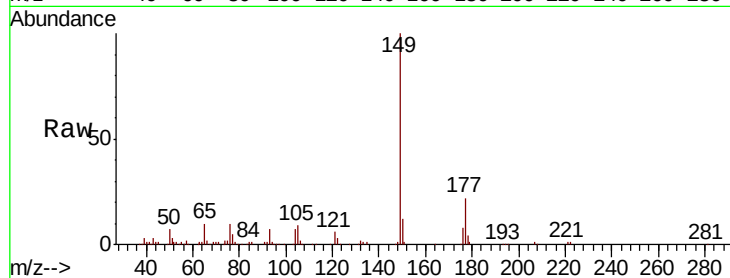
Tot Ion:149 Resp: 142423

Ion Ratio Lower Upper

149 100

177 22.0 17.4 26.0

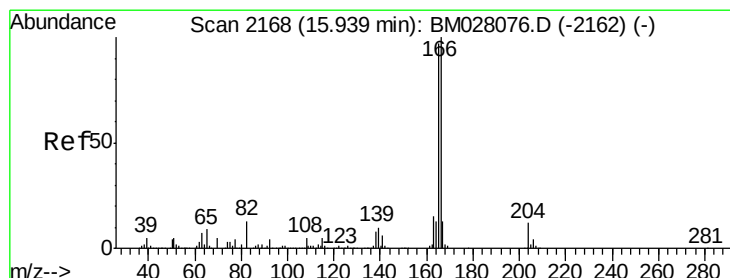
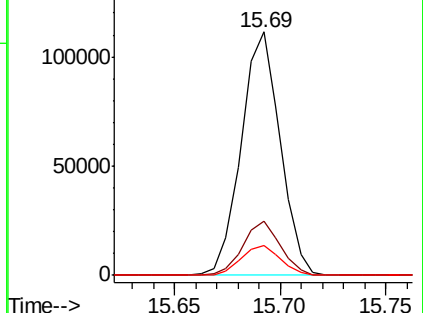
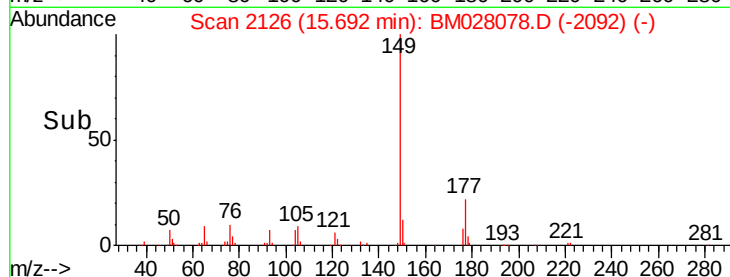
150 12.4 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

Fluorene

Concen: 2.543 ng/ul

RT: 15.94 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

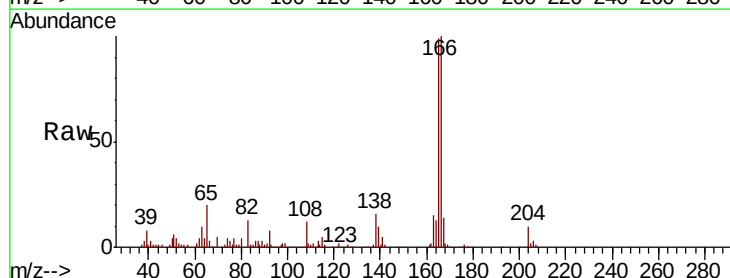
Tgt Ion:166 Resp: 141215

Ion Ratio Lower Upper

166 100

165 98.5 77.0 115.4

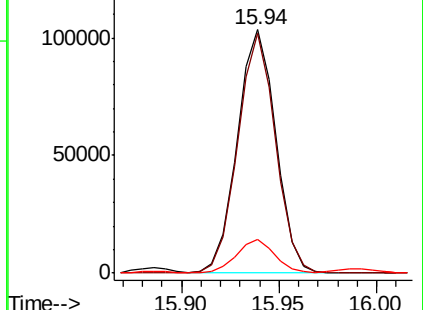
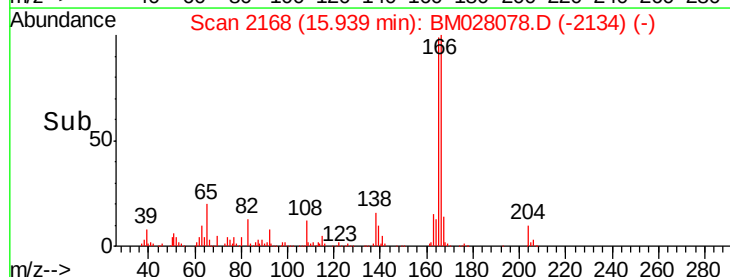
167 13.9 10.8 16.2

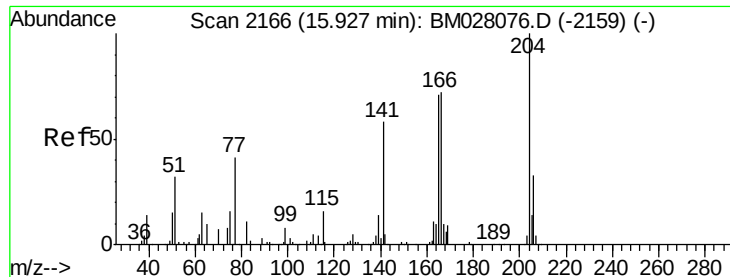


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

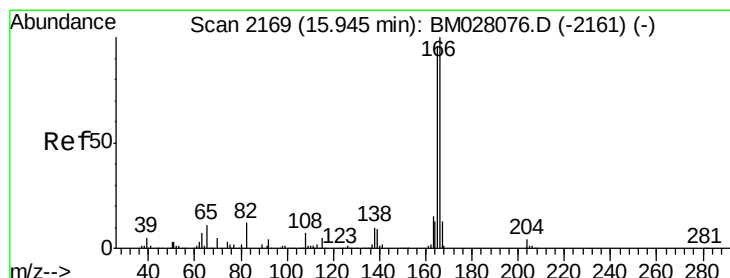
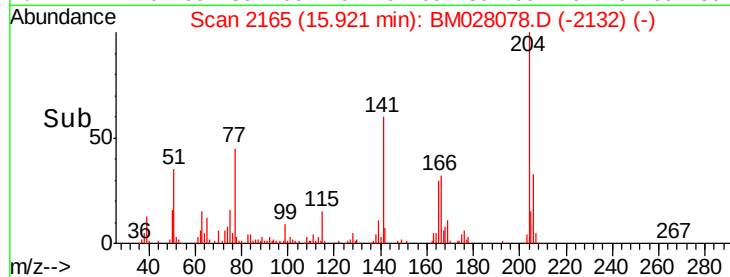
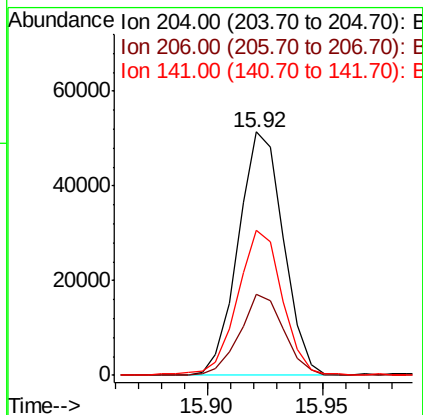
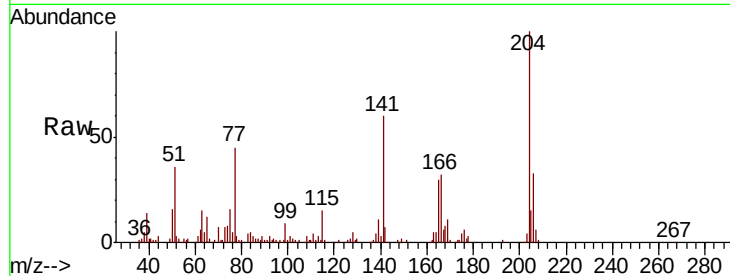




#62
 4-Chlorophenyl-phenylether
 Concen: 2.565 ng/ul
 RT: 15.92 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

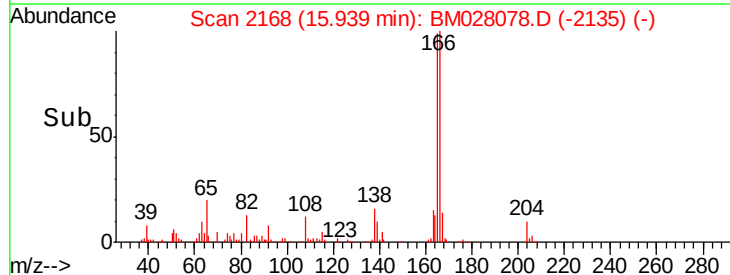
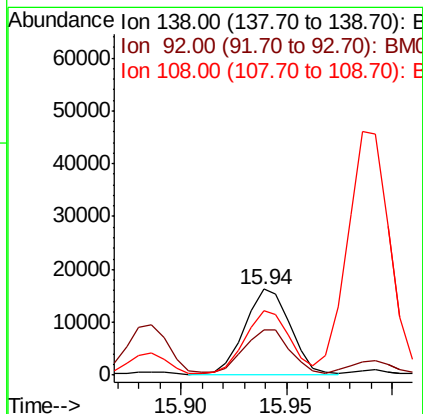
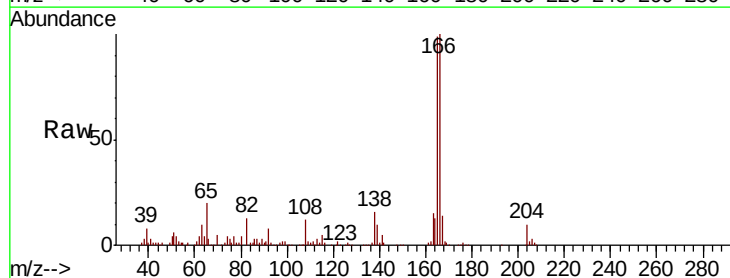
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-06

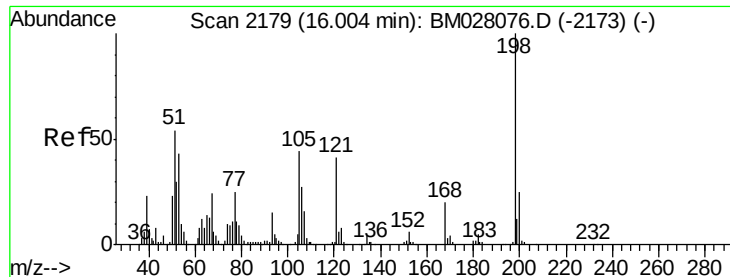
Tot Ion:204 Resp: 70186
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.6 38.4
 141 59.5 47.0 70.4



#63
 4-Nitroaniline
 Concen: 2.978 ng/ul
 RT: 15.94 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

Tgt Ion:138 Resp: 24576
 Ion Ratio Lower Upper
 138 100
 92 52.8 40.6 60.8
 108 75.4 55.8 83.6

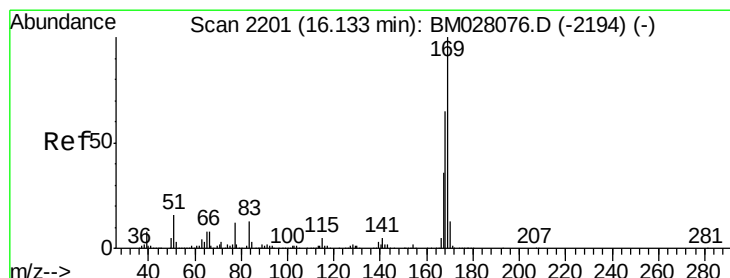
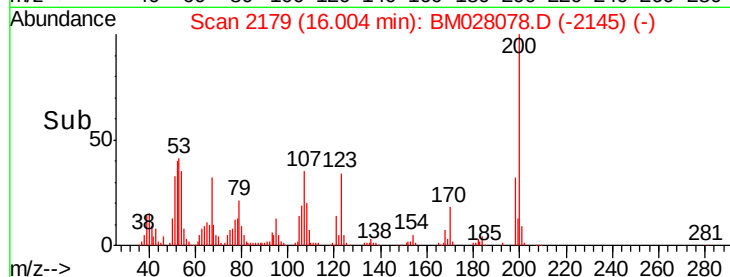
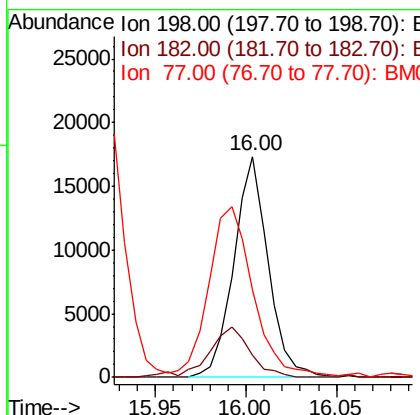
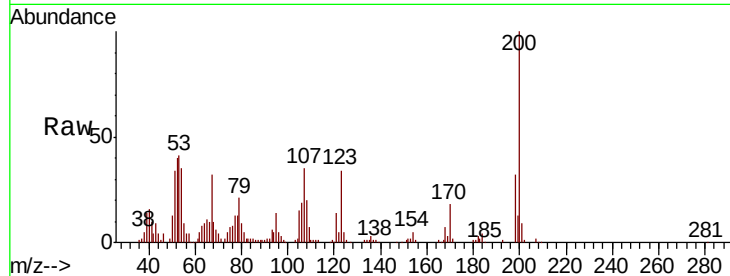




#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.422 ng/ul
 RT: 16.00 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

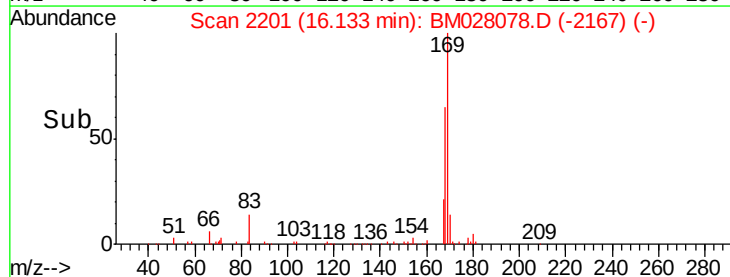
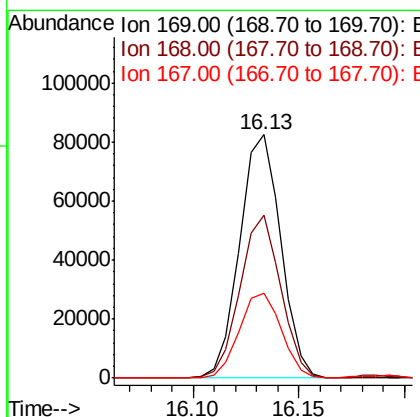
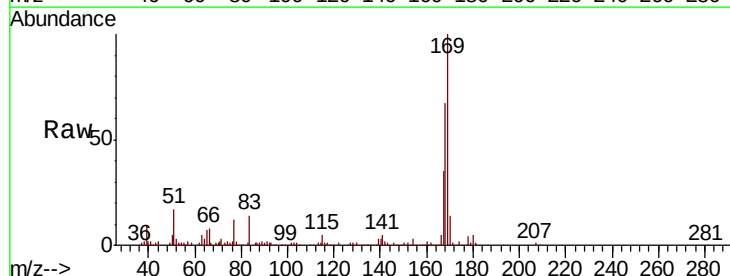
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-06

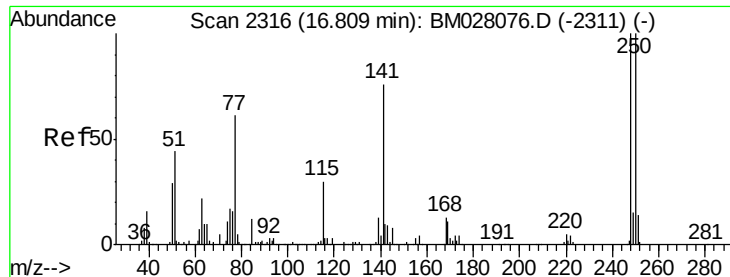
Tot Ion:198 Resp: 22887
 Ion Ratio Lower Upper
 198 100
 182 10.2 3.6 5.4#
 77 39.6 20.5 30.7#



#67
 N-Nitrosodiphenylamine
 Concen: 2.384 ng/ul
 RT: 16.13 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

Tgt Ion:169 Resp: 111667
 Ion Ratio Lower Upper
 169 100
 168 67.1 51.8 77.6
 167 34.9 27.7 41.5

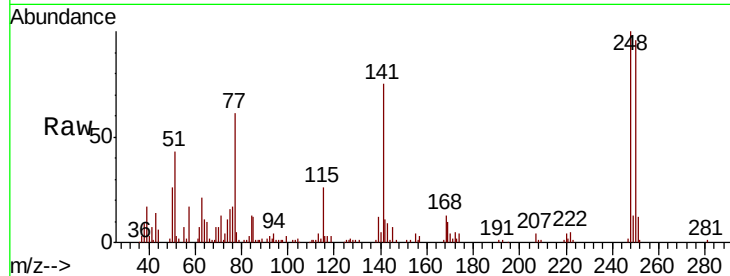




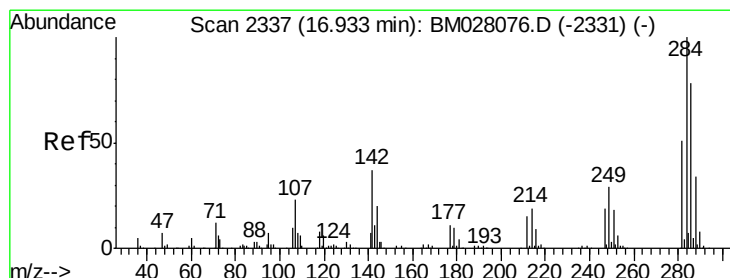
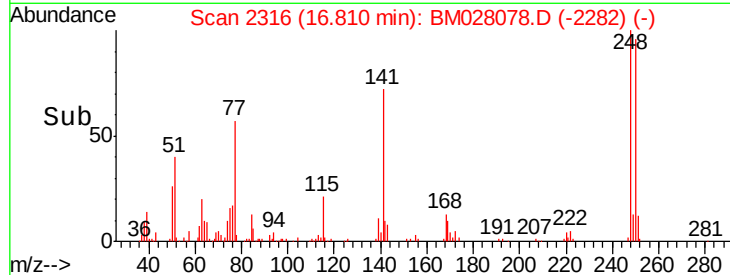
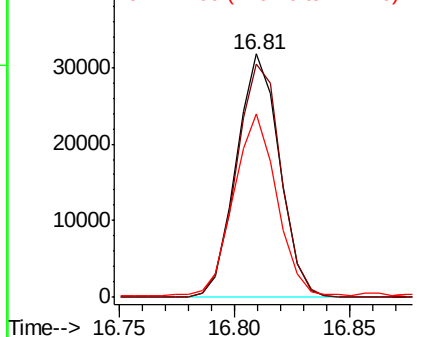
#68
4-Bromophenyl-phenylether
Concen: 2.481 ng/ul
RT: 16.81 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tot Ion:248 Resp: 41529
Ion Ratio Lower Upper
248 100
250 95.9 76.1 114.1
141 75.5 60.2 90.2

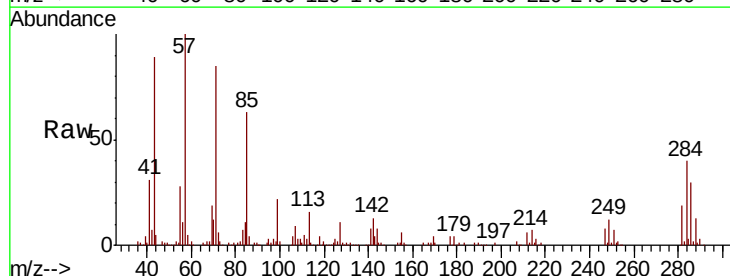


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

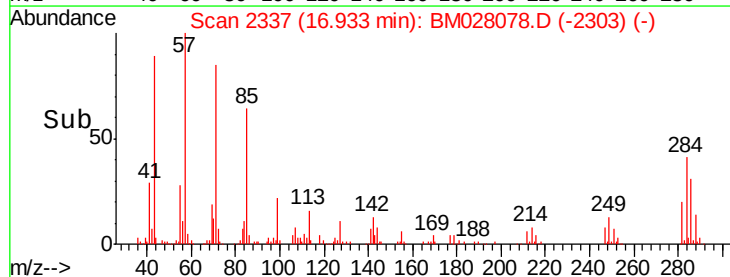
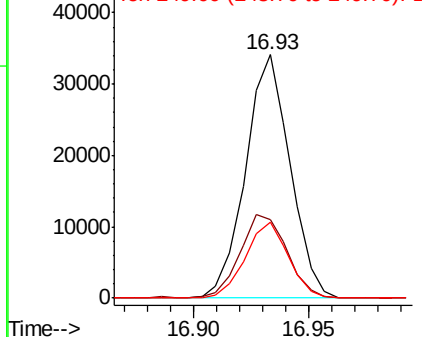


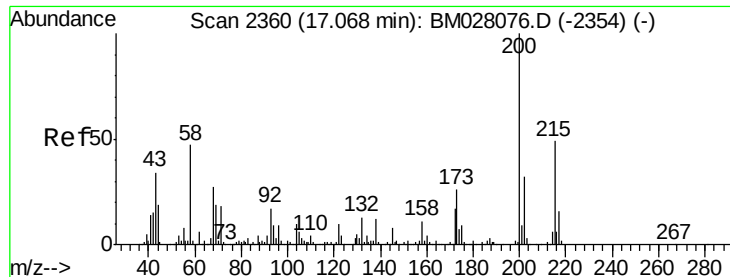
#69
Hexachlorobenzene
Concen: 2.395 ng/ul
RT: 16.93 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Tgt Ion:284 Resp: 45720
Ion Ratio Lower Upper
284 100
142 32.2 29.0 43.4
249 31.4 24.5 36.7



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#70

Atrazine

Concen: 2.266 ng/ul

RT: 17.06 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

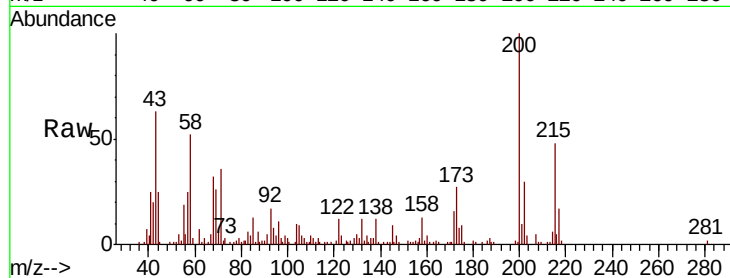
Tot Ion:200 Resp: 38068

Ion Ratio Lower Upper

200 100

173 26.6 21.4 32.2

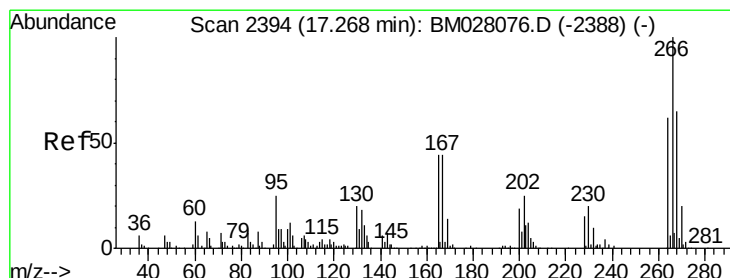
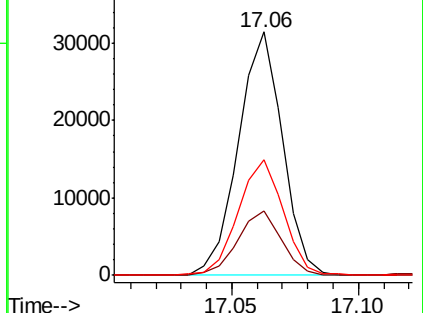
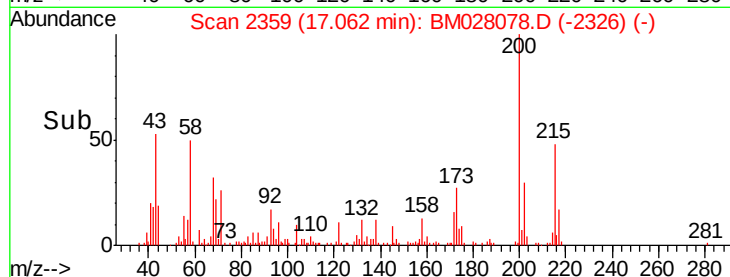
215 47.7 38.6 58.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71

Pentachlorophenol

Concen: 1.895 ng/ul

RT: 17.27 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

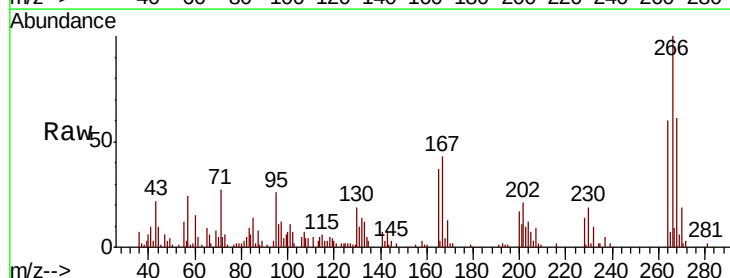
Tgt Ion:266 Resp: 20887

Ion Ratio Lower Upper

266 100

264 59.8 48.9 73.3

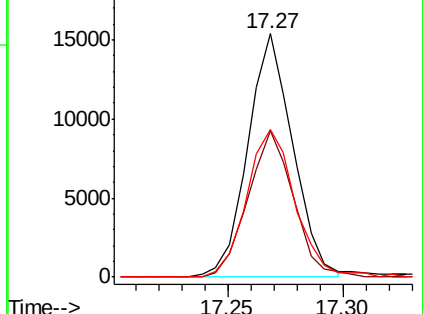
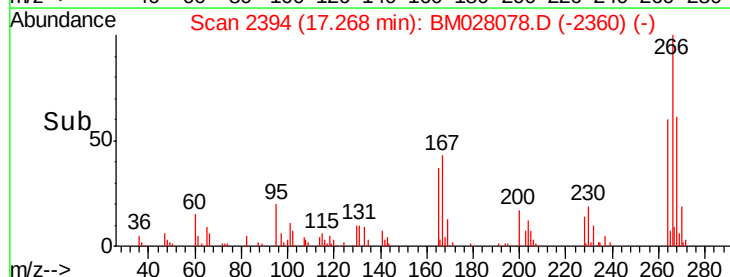
268 60.6 51.4 77.2

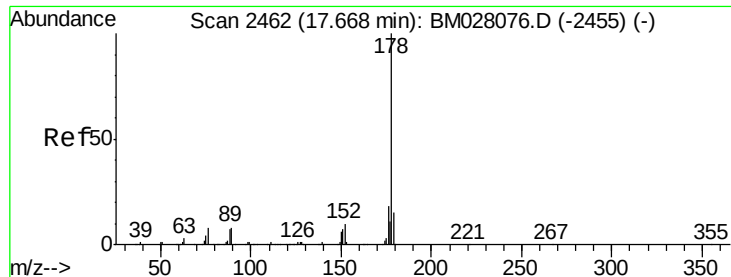


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 2.441 ng/ul

RT: 17.66 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

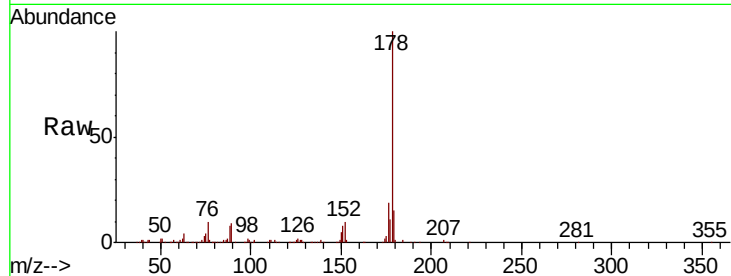
Tot Ion:178 Resp: 214331

Ion Ratio Lower Upper

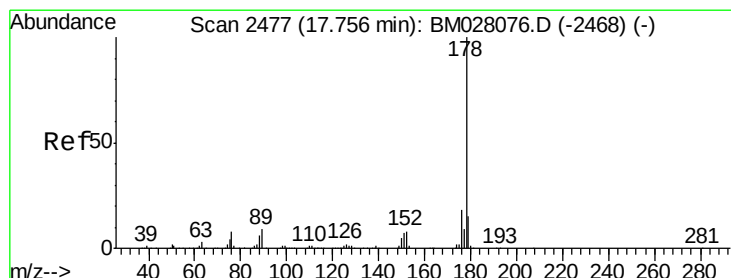
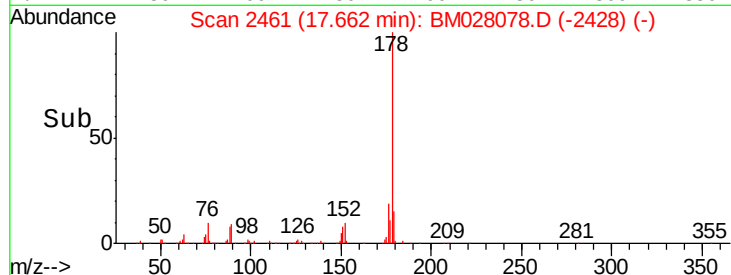
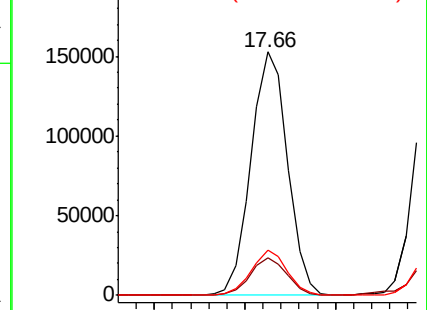
178 100

179 15.3 12.2 18.4

176 18.6 14.6 21.8



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



#74

Anthracene

Concen: 2.470 ng/ul

RT: 17.76 min Scan# 2477

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

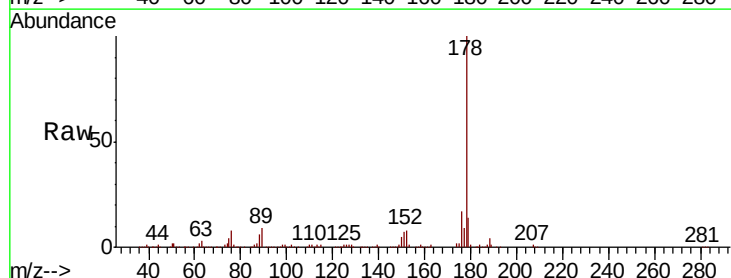
Tgt Ion:178 Resp: 221060

Ion Ratio Lower Upper

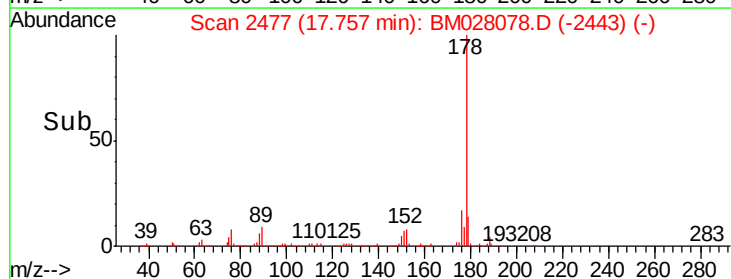
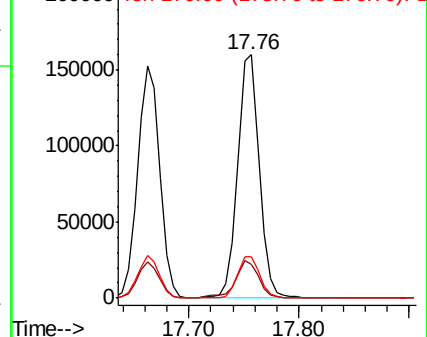
178 100

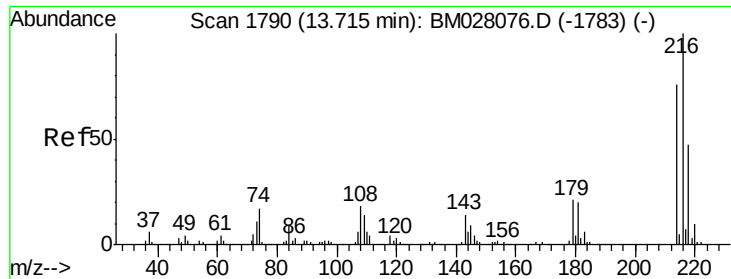
179 13.8 11.8 17.8

176 17.1 13.9 20.9



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

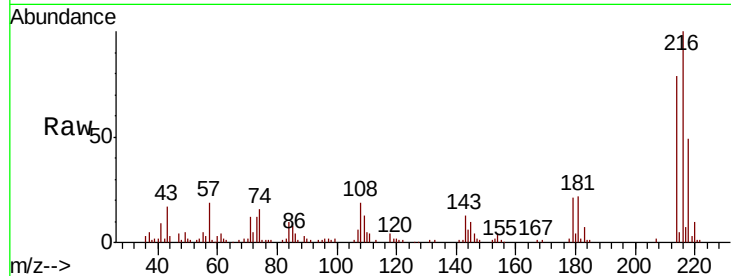




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.253 ng/uL
 RT: 13.72 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-06

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.9	94.3
218	48.8	38.6	57.8

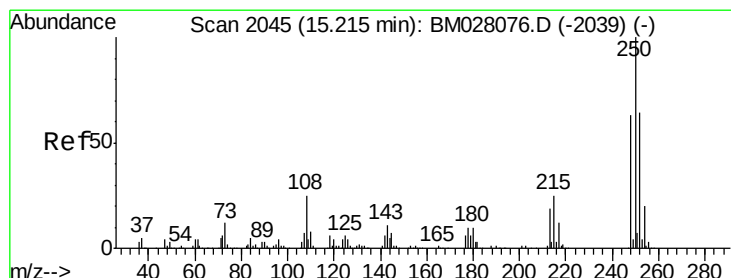
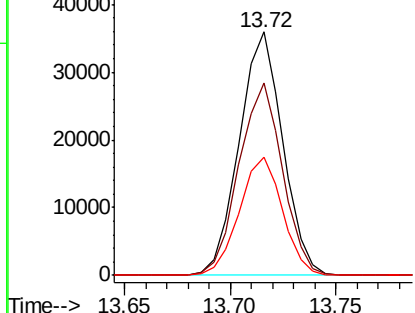
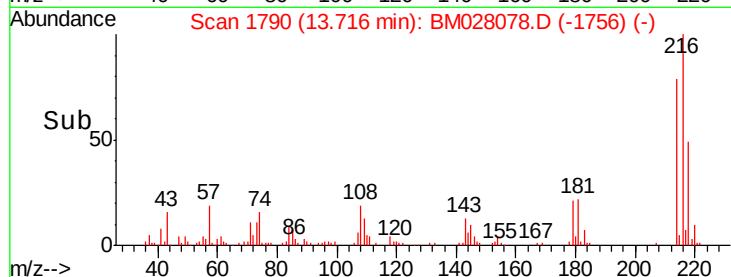


Abundance

Ion 216.00 (215.70 to 216.70): E

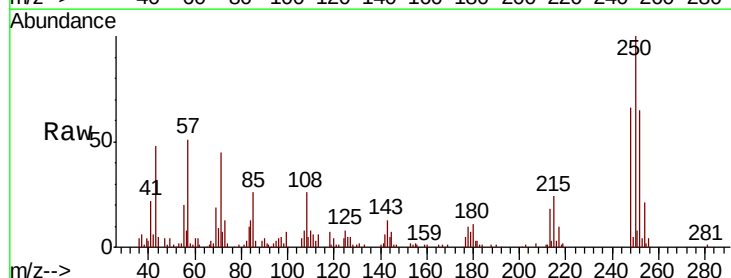
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#76
 Pentachlorobenzene
 Concen: 2.204 ng/uL
 RT: 15.22 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

Tgt Ion	Ratio	Lower	Upper
250	100		
248	65.7	48.9	73.3
252	65.3	49.4	74.0

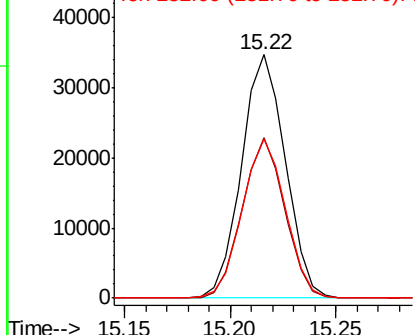
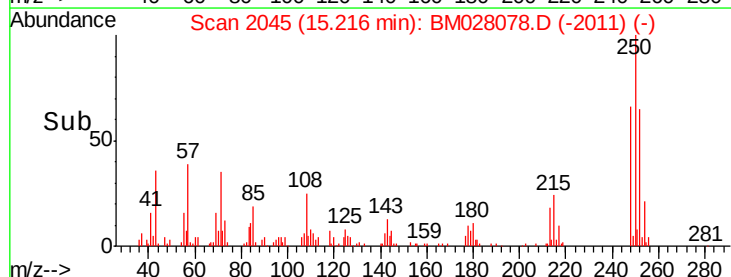


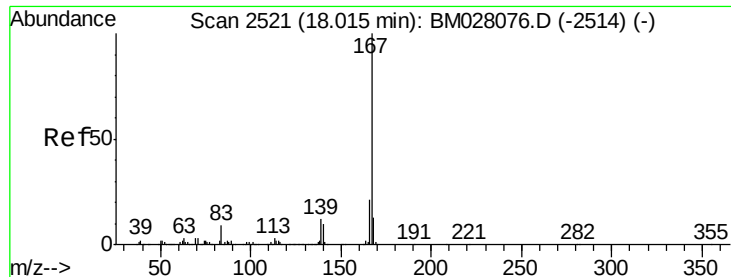
Abundance

Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

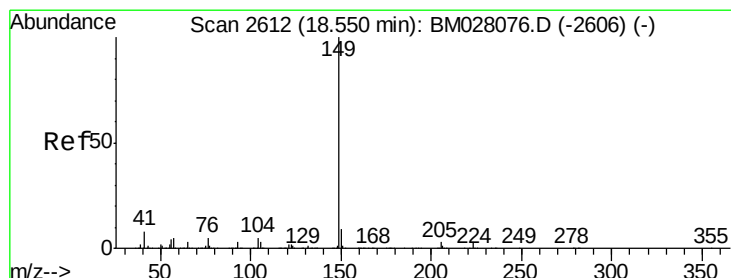
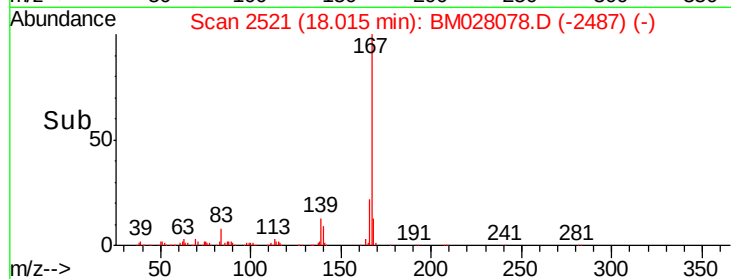
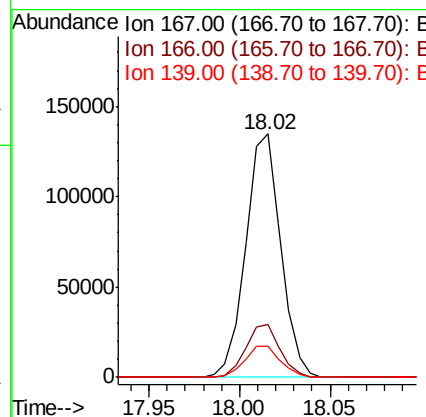
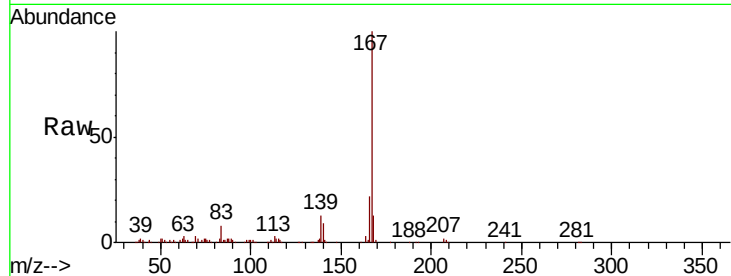




#77
 Carbazole
 Concen: 2.382 ng/ul
 RT: 18.02 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

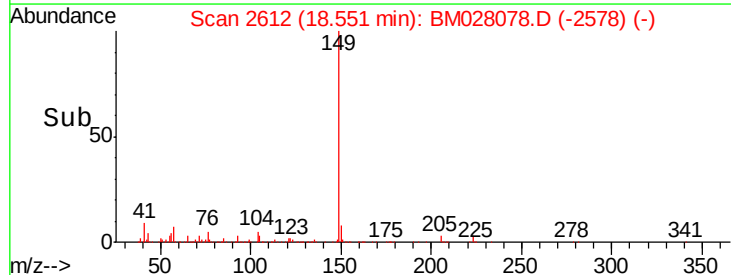
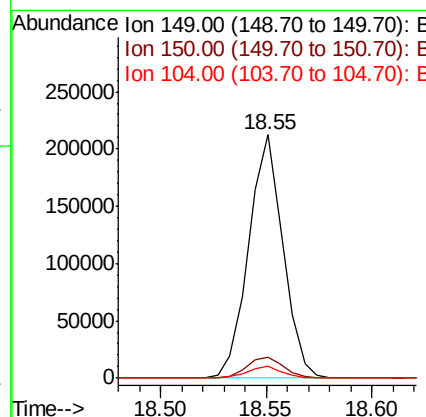
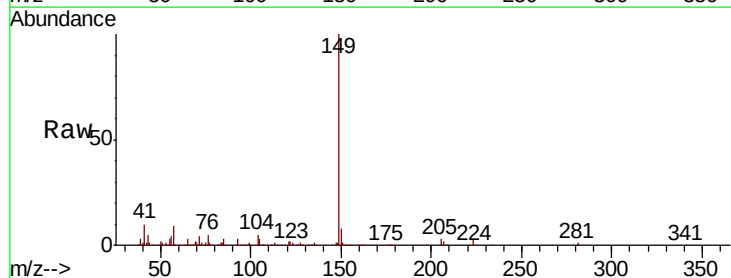
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-06

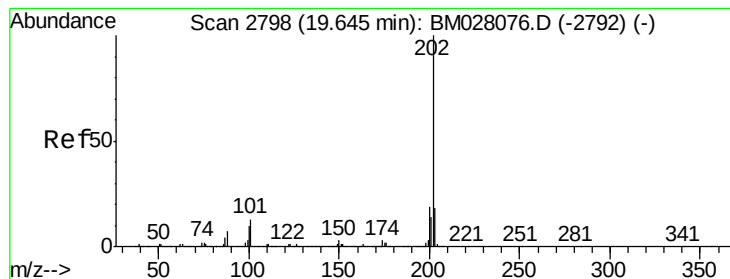
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	12.6	10.3	15.5



#78
 Di-n-butylphthalate
 Concen: 2.419 ng/ul
 RT: 18.55 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: BM028078.D
 Acq: 08 Dec 2020 18:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.3	7.1	10.7
104	5.0	4.1	6.1





#80

Fluoranthene

Concen: 2.384 ng/ul

RT: 19.64 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

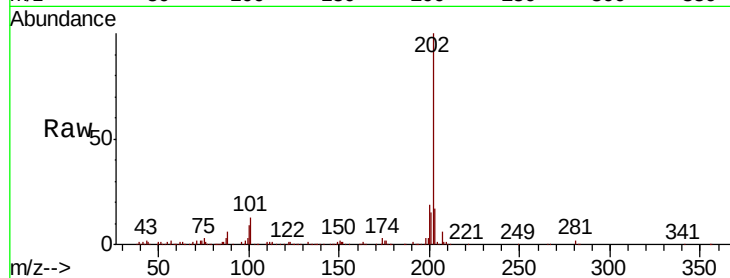
Tot Ion:202 Resp: 243334

Ion Ratio Lower Upper

202 100

101 12.7 9.8 14.8

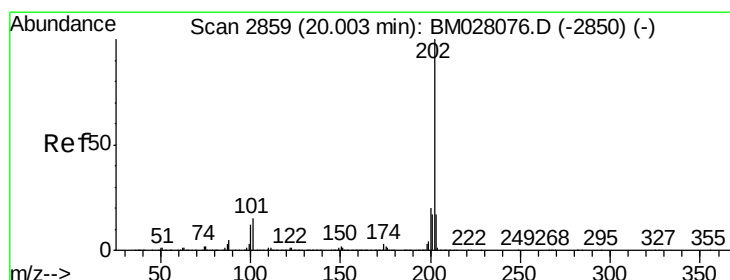
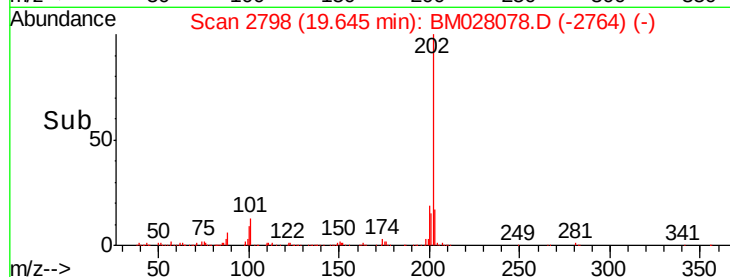
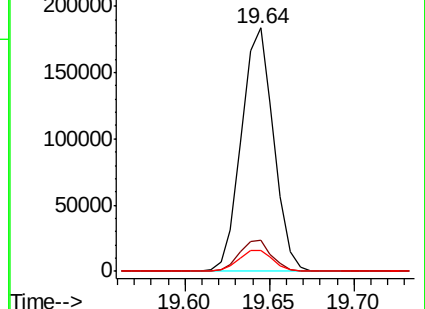
100 8.8 7.7 11.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Pyrene

Concen: 2.398 ng/ul

RT: 20.00 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

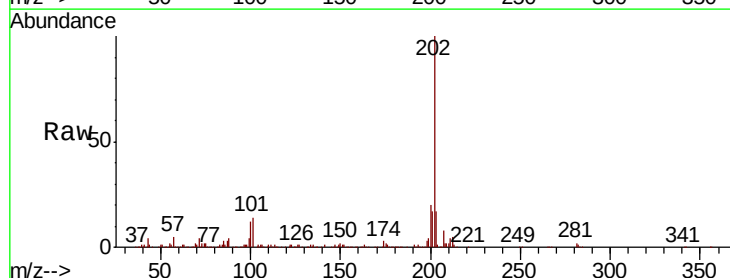
Tgt Ion:202 Resp: 253564

Ion Ratio Lower Upper

202 100

101 14.5 11.8 17.6

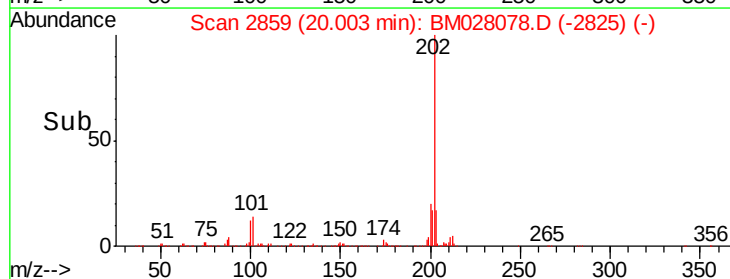
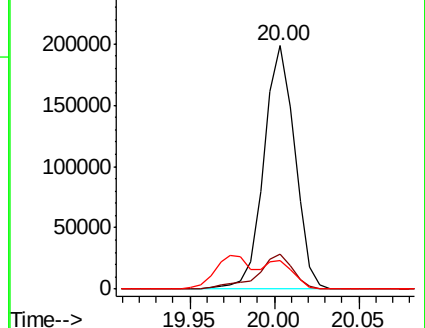
100 11.8 9.8 14.8

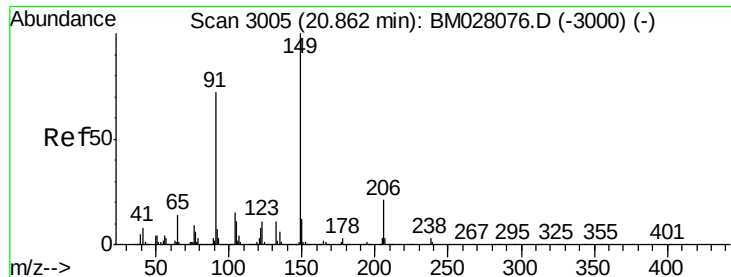


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

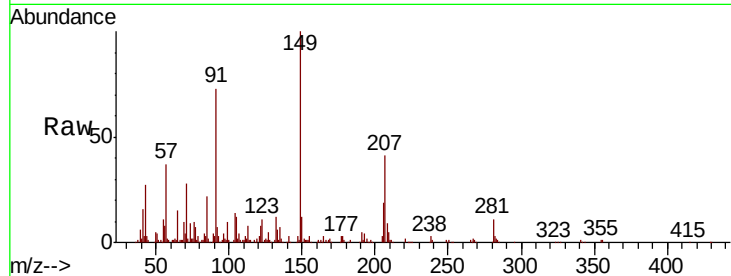




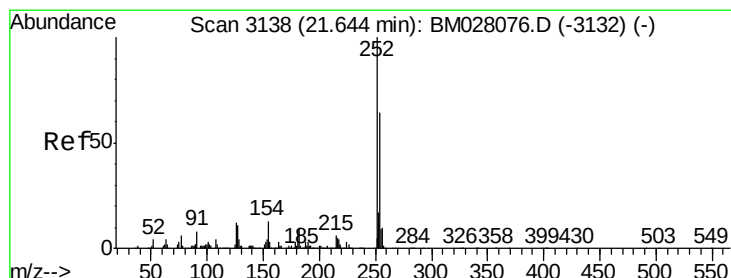
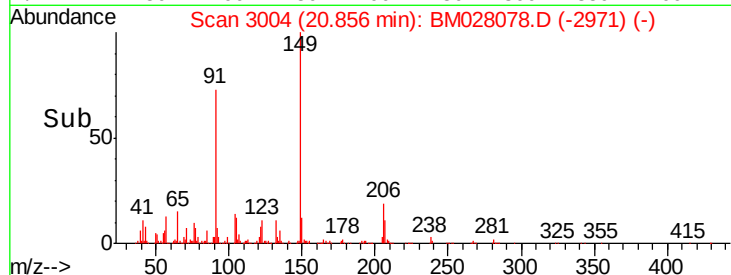
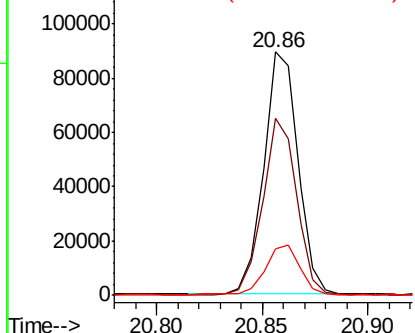
#83
Butylbenzylphthalate
Concen: 2.272 ng/ul
RT: 20.86 min Scan# 3004
Delta R.T. -0.01 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-06

Tot Ion:149 Resp: 100952
Ion Ratio Lower Upper
149 100
91 72.9 55.7 83.5
206 18.9 16.1 24.1

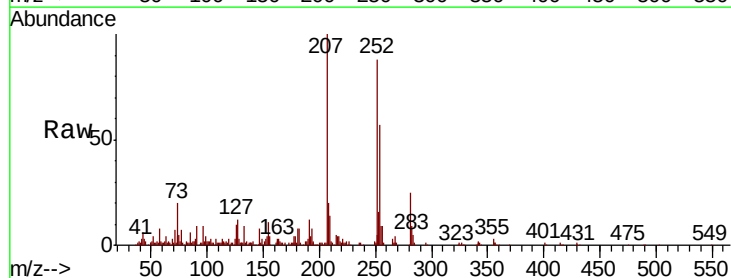


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

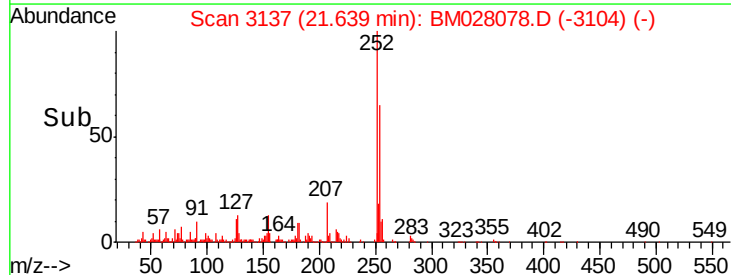
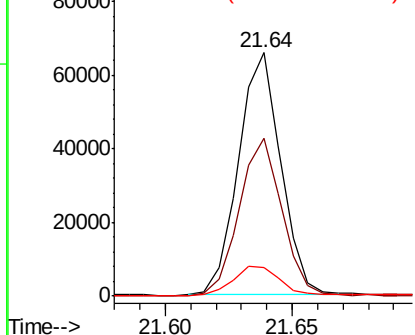


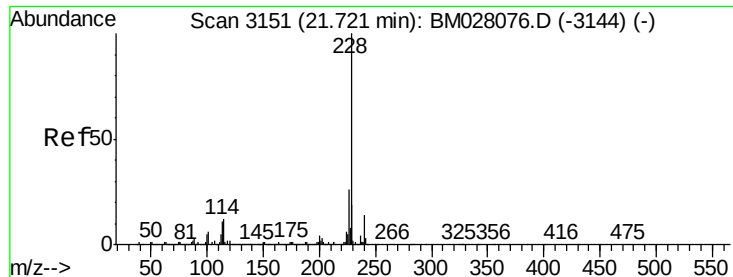
#84
3,3'-Dichlorobenzidine
Concen: 2.346 ng/ul
RT: 21.64 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM028078.D
Acq: 08 Dec 2020 18:46

Tgt Ion:252 Resp: 76495
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 11.8 9.9 14.9



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





#85

Benzo(a)anthracene

Concen: 2.437 ng/ul

RT: 21.72 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

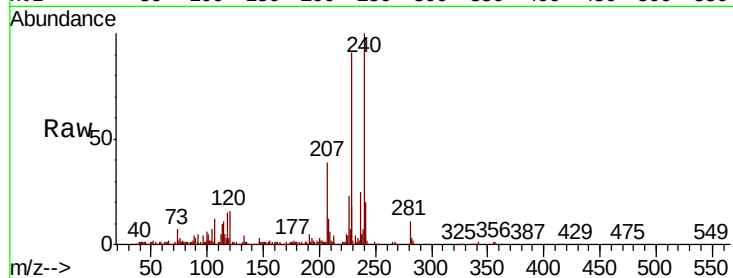
BNA_M

ClientSampleId :

MDL-SOIL-06

Tot Ion:228 Resp: 239697

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.0	22.4
226	25.8	20.9	31.3

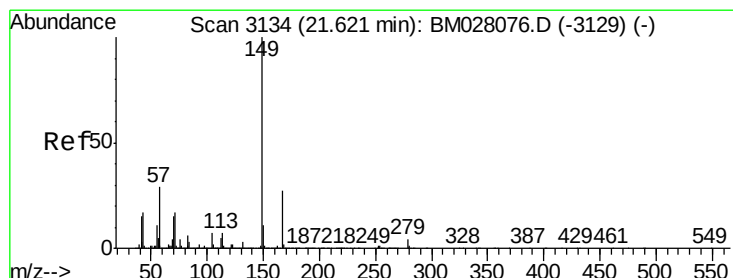
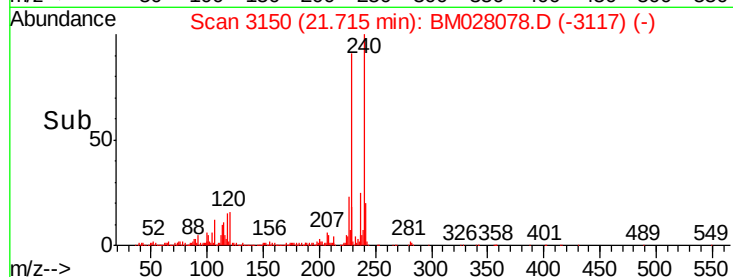
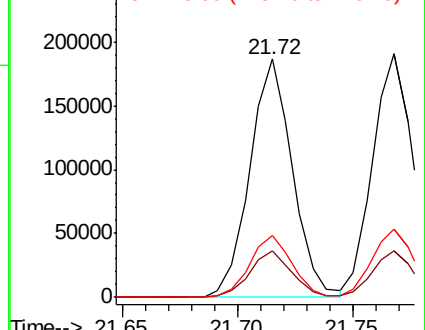


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.207 ng/ul

RT: 21.62 min Scan# 3133

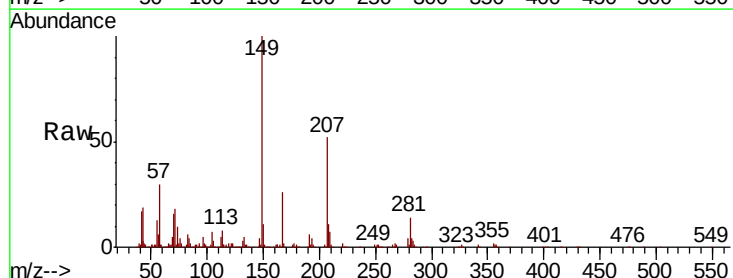
Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Tgt Ion:149 Resp: 150121

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.7	31.1
279	4.5	3.0	4.6

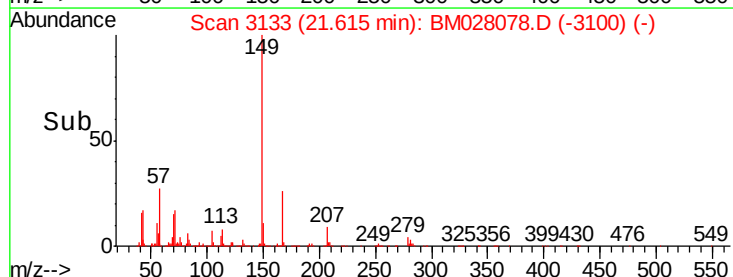
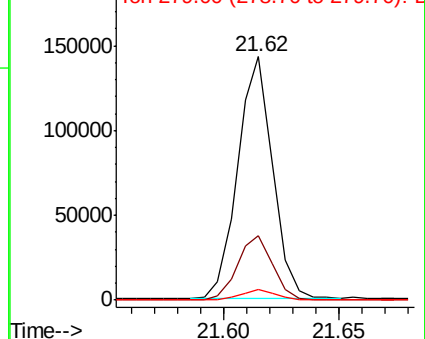


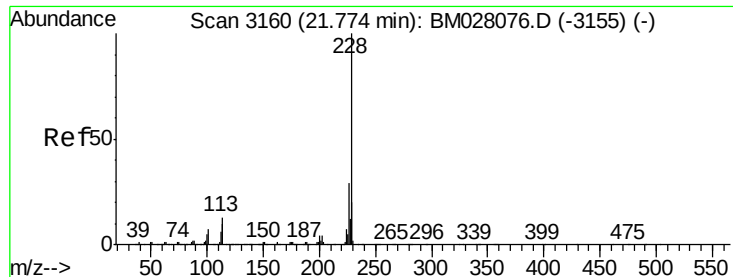
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 2.410 ng/ul

RT: 21.77 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

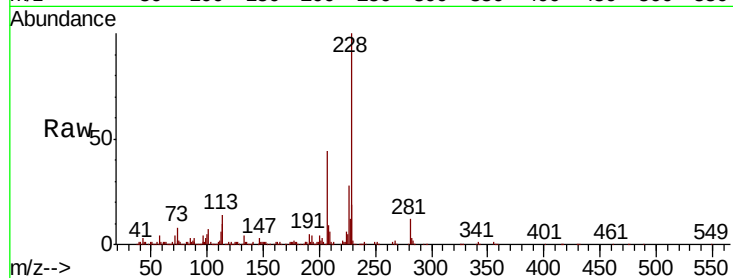
Tot Ion:228 Resp: 232424

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.4

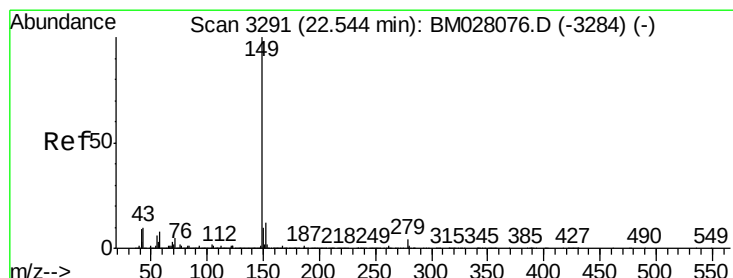
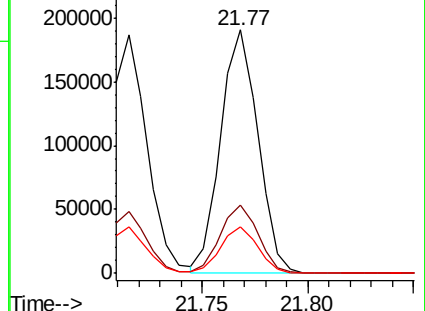
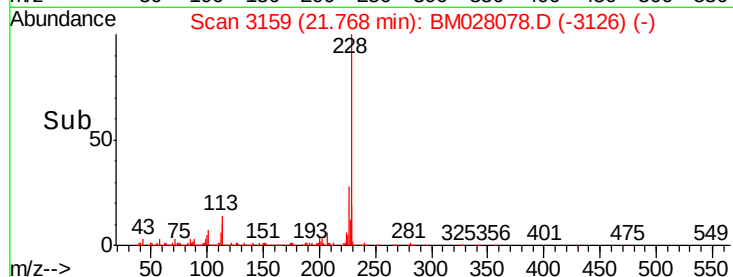
229 19.1 15.5 23.3



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



#89

Di-n-octyl phthalate

Concen: 2.073 ng/ul

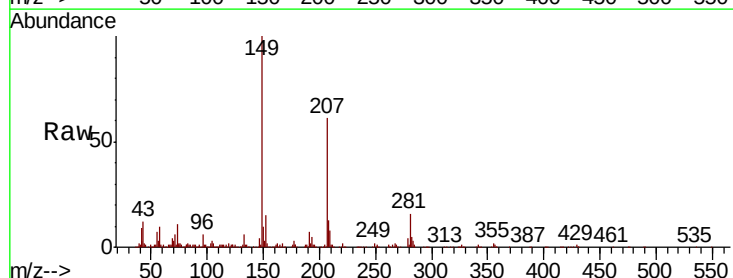
RT: 22.54 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Tgt Ion:149 Resp: 244783



Abundance Ion 149.00 (148.70 to 149.70): E

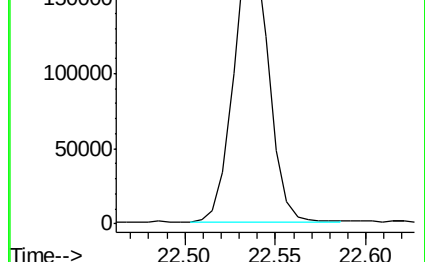
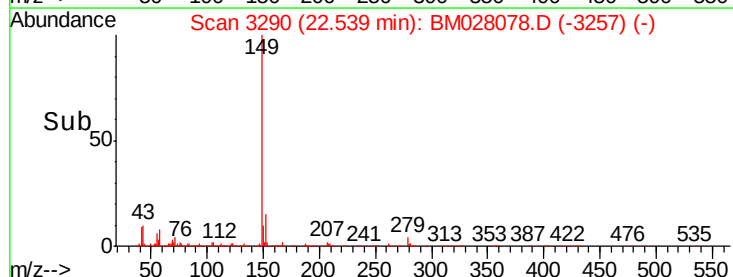
200000

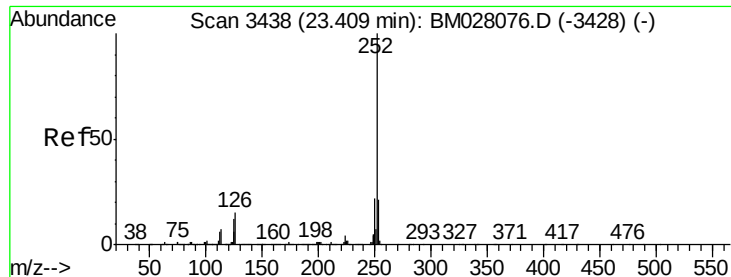
150000

100000

50000

0





#90

Benzo(b)fluoranthene

Concen: 2.327 ng/ul

RT: 23.40 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

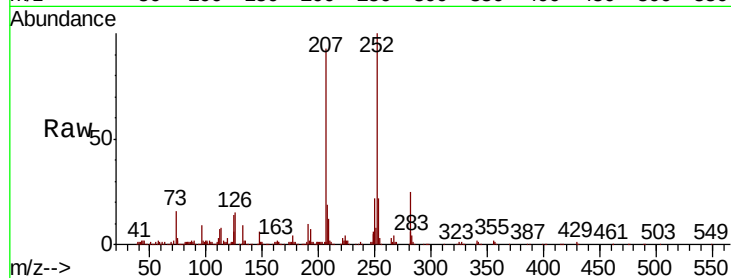
Tot Ion:252 Resp: 235949

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

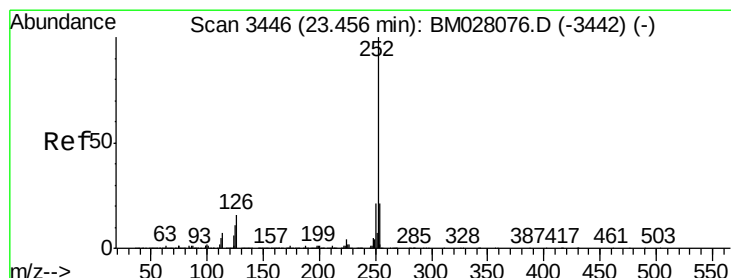
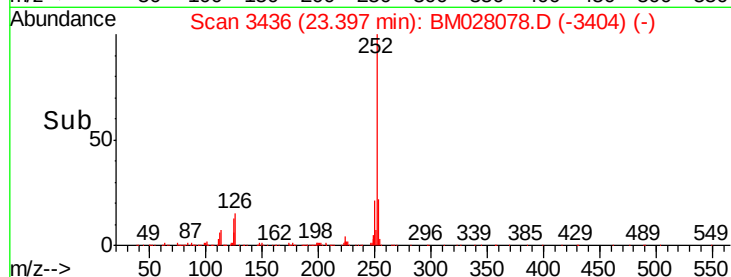
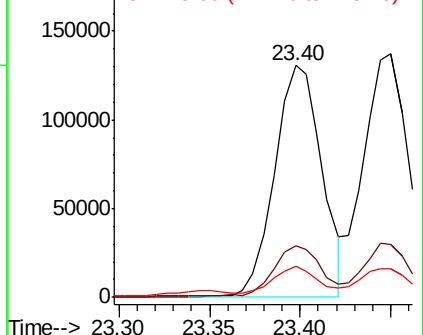
125 13.5 10.2 15.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(k)fluoranthene

Concen: 2.411 ng/ul

RT: 23.45 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

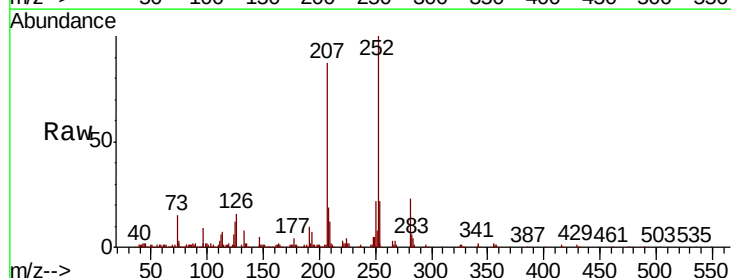
Tgt Ion:252 Resp: 236267

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

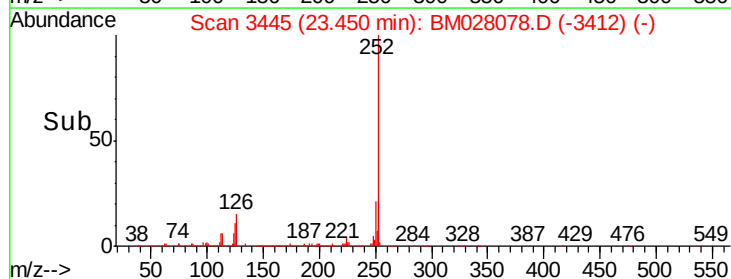
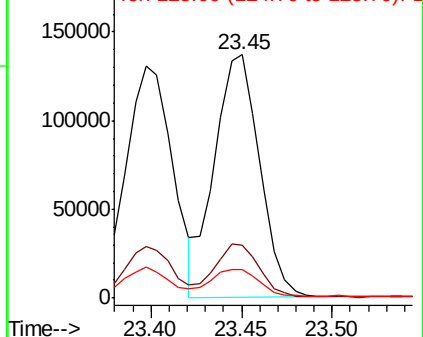
125 11.8 9.3 13.9

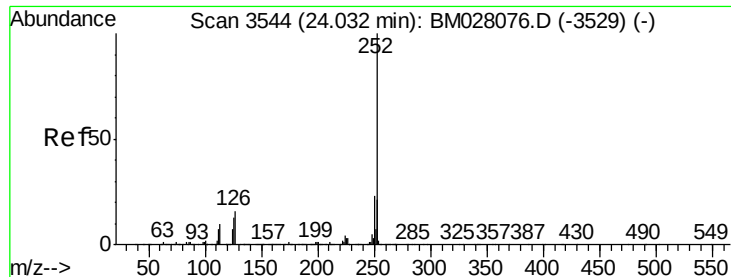


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 2.430 ng/ul

RT: 24.03 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

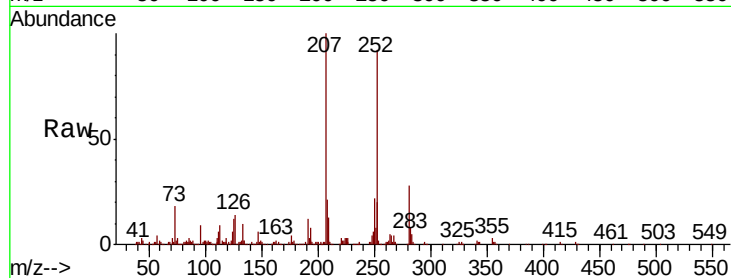
Tot Ion:252 Resp: 220503

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

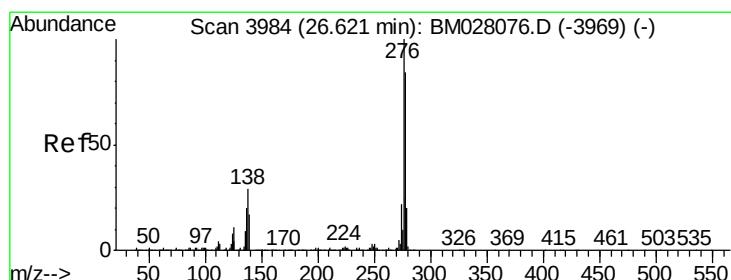
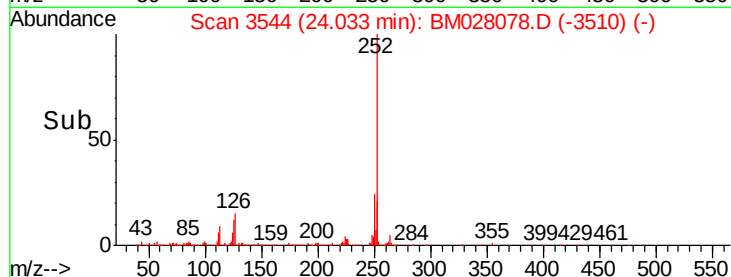
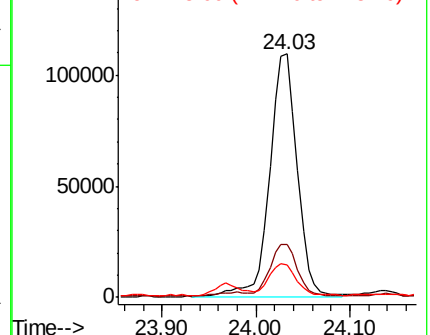
125 13.1 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.381 ng/ul

RT: 26.60 min Scan# 3981

Delta R.T. -0.02 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

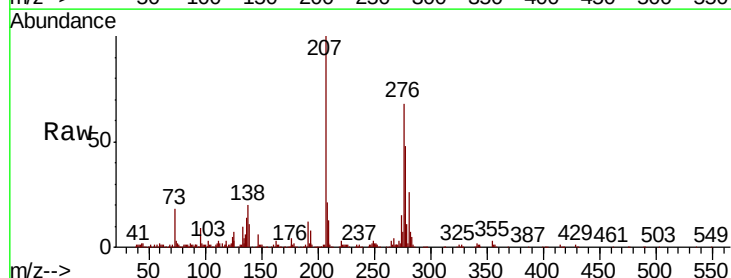
Tgt Ion:276 Resp: 257405

Ion Ratio Lower Upper

276 100

138 28.9 24.0 36.0

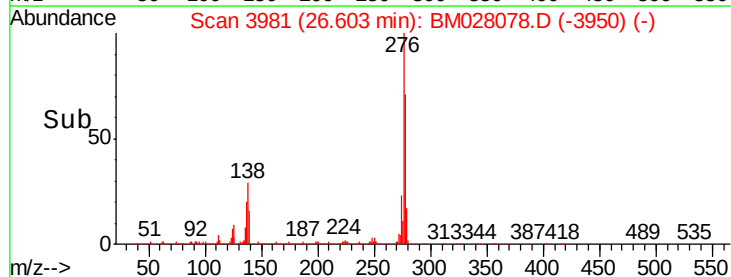
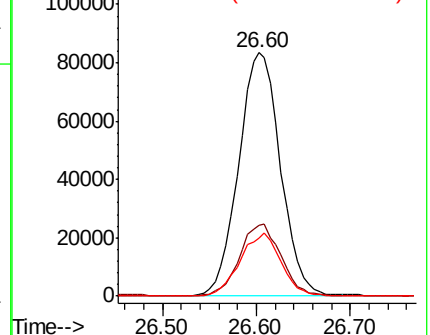
277 24.0 20.0 30.0

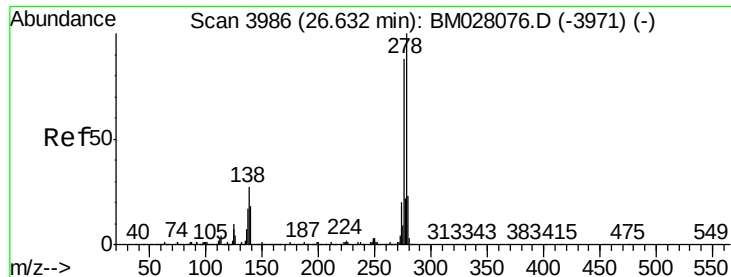


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 2.363 ng/ul

RT: 26.61 min Scan# 3983

Delta R.T. -0.02 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-06

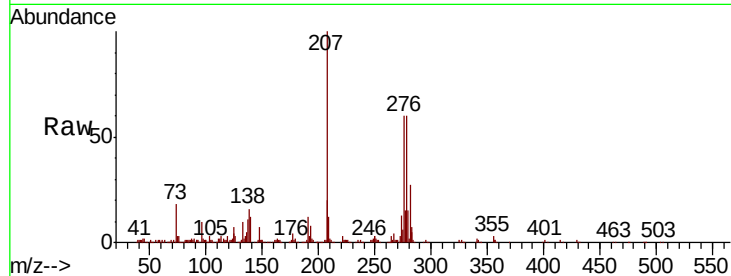
Tot Ion:278 Resp: 217232

Ion Ratio Lower Upper

278 100

139 19.9 15.0 22.6

279 24.9 18.6 27.8

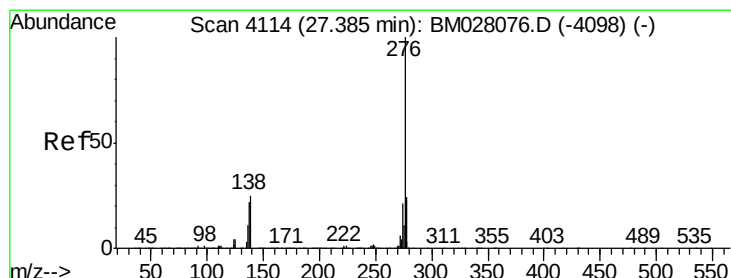
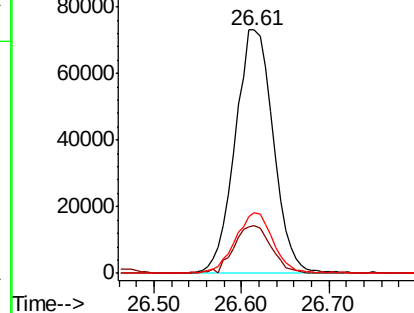
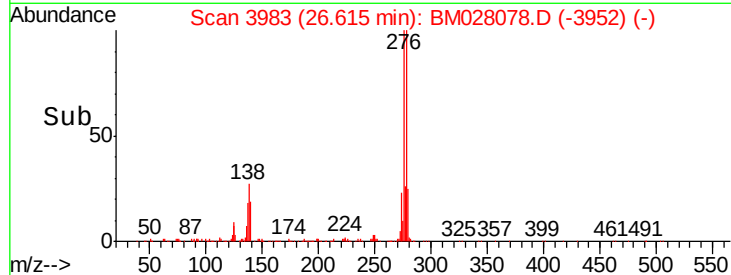


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#96

Benzo(g,h,i)perylene

Concen: 2.328 ng/ul

RT: 27.37 min Scan# 4111

Delta R.T. -0.02 min

Lab File: BM028078.D

Acq: 08 Dec 2020 18:46

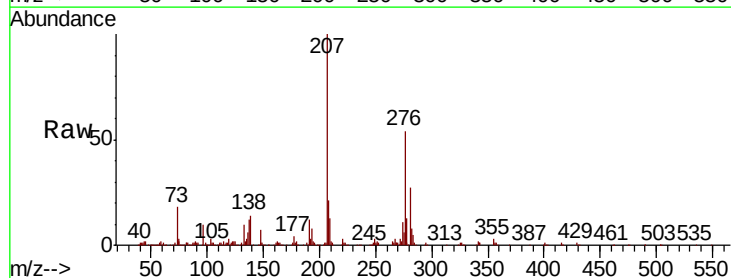
Tgt Ion:276 Resp: 211081

Ion Ratio Lower Upper

276 100

138 25.4 20.6 31.0

277 24.0 19.1 28.7



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

