

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
 Data File : BM028080.D
 Acq On : 08 Dec 2020 19:58
 Operator : JU/CG
 Sample : L4485-07
 Misc : MDL-SOIL--02
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-07

Quant Time: Dec 09 03:36:28 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	227988	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	968921	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	570789	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1171142	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1144085	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	1161725	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	26074	4.37	ng/uL	0.00
4) Pyridine-d5	3.92	84	387534	23.77	ng/ul	0.00
7) Phenol-d5	7.42	99	678155	34.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	452232	36.57	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	574146	35.43	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	574783	36.19	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	278360	35.61	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	293270	36.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	524874	33.18	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	763470	34.59	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1600325	35.26	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	2024342	36.71	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	278144	32.53	ng/ul	0.00
60) Fluorene-d10	15.89	176	1321767	33.48	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	225233	31.48	ng/ul	0.00
73) Anthracene-d10	17.72	188	1985074	34.05	ng/ul	0.00
81) Pyrene-d10	19.97	212	2140678	34.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.98	264	2036515	32.02	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.50	88	5018	0.803 ng/uL	95
5) Pyridine	3.95	79	50627	3.096 ng/ul#	76
6) Benzaldehyde	7.40	77	44589	5.868 ng/ul	96
8) Phenol	7.44	94	60448	3.081 ng/ul	98
10) Bis(2-Chloroethyl)ether	7.69	93	55780	3.335 ng/ul	93
12) 2-Chlorophenol	7.83	128	51584	3.074 ng/ul	93
13) 2-Methylphenol	8.72	108	45577	3.019 ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.81	45	89979	3.248 ng/ul	99
16) Acetophenone	9.12	105	75453	3.129 ng/ul	95
17) N-Nitroso-di-n-propylamine	9.10	70	39482	3.354 ng/ul	96
18) 4-Methylphenol	9.05	108	49378	3.024 ng/ul	100
19) Hexachloroethane	9.38	117	21304	2.961 ng/ul	99
22) Nitrobenzene	9.50	77	58908	3.104 ng/ul	99
23) Isophorone	10.03	82	99369	2.956 ng/ul	96
25) 2-Nitrophenol	10.22	139	28365	3.179 ng/ul	97
26) 2,4-Dimethylphenol	10.26	107	54687	3.035 ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	71870	3.158 ng/ul	99
29) 2,4-Dichlorophenol	10.75	162	48007	3.082 ng/ul	94
30) Naphthalene	11.17	128	170836	3.052 ng/ul	99
32) 4-Chloroaniline	11.26	127	67530	3.145 ng/ul	99
33) Hexachlorobutadiene	11.45	225	30457	3.001 ng/ul	98
34) Caprolactam	12.05	113	9151	1.872 ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.36	107	46752	2.919	ng/ul	96
36) 2-Methylnaphthalene	12.76	142	119540	3.142	ng/ul	95
37) 1-Methylnaphthalene	12.97	142	113636	3.106	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	58914	3.060	ng/ul	93
40) Hexachlorocyclopentadiene	13.09	237	26010	2.304	ng/ul	99
41) 2,4,6-Trichlorophenol	13.35	196	34007	2.876	ng/ul	97
42) 2,4,5-Trichlorophenol	13.41	196	37792	2.958	ng/ul	96
43) 1,1'-Biphenyl	13.75	154	153659	3.107	ng/ul	98
44) 2-Chloronaphthalene	13.79	162	120138	3.103	ng/ul	98
45) 2-Nitroaniline	13.98	65	27118	2.670	ng/ul	95
47) Dimethylphthalate	14.35	163	146983	3.143	ng/ul	100
48) 2,6-Dinitrotoluene	14.47	165	23654	2.638	ng/ul	93
50) Acenaphthylene	14.63	152	180571	3.165	ng/ul	99
51) 3-Nitroaniline	14.79	138	24890	2.965	ng/ul	99
52) Acenaphthene	14.97	153	130662	3.176	ng/ul	97
53) 2,4-Dinitrophenol	15.00	184	9764	1.893	ng/ul	95
55) 4-Nitrophenol	15.08	109	21569	3.412	ng/ul#	87
56) Dibenzofuran	15.30	168	181734	3.243	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	35842	2.846	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.52	232	30863	2.857	ng/ul#	96
59) Diethylphthalate	15.69	149	151713	3.183	ng/ul	97
61) Fluorene	15.94	166	151592	3.250	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.92	204	76552	3.330	ng/ul	99
63) 4-Nitroaniline	15.94	138	25771	3.717	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	16.00	198	23834	3.065	ng/ul#	85
67) N-Nitrosodiphenylamine	16.13	169	120214	3.119	ng/ul	99
68) 4-Bromophenyl-phenylether	16.81	248	43601	3.165	ng/ul	98
69) Hexachlorobenzene	16.93	284	48559	3.091	ng/ul	99
70) Atrazine	17.06	200	40931	2.961	ng/ul	98
71) Pentachlorophenol	17.27	266	22035	2.429	ng/ul	97
72) Phenanthrene	17.66	178	223486	3.093	ng/ul	98
74) Anthracene	17.75	178	230580	3.131	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	57888	3.077	ng/uL	96
76) Pentachlorobenzene	15.22	250	55853	2.988	ng/uL	98
77) Carbazole	18.01	167	191374	3.060	ng/ul	99
78) Di-n-butylphthalate	18.55	149	257185	3.159	ng/ul	99
80) Fluoranthene	19.64	202	254777	3.151	ng/ul	99
82) Pyrene	20.00	202	262257	3.131	ng/ul	97
83) Butylbenzylphthalate	20.86	149	105397	2.995	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.63	252	72869	2.821	ng/ul	99
85) Benzo(a)anthracene	21.72	228	242529	3.113	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.61	149	156043	2.896	ng/ul	99
87) Chrysene	21.77	228	238859	3.127	ng/ul	99
89) Di-n-octyl phthalate	22.53	149	258542	2.779	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	239311	2.995	ng/ul	99
91) Benzo(k)fluoranthene	23.44	252	236745	3.065	ng/ul	99
93) Benzo(a)pyrene	24.03	252	214004	2.993	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.60	276	254386	2.986	ng/ul	98
95) Dibenzo(a,h)anthracene	26.61	278	215937	2.981	ng/ul	99
96) Benzo(g,h,i)perylene	27.37	276	213799	2.993	ng/ul	97

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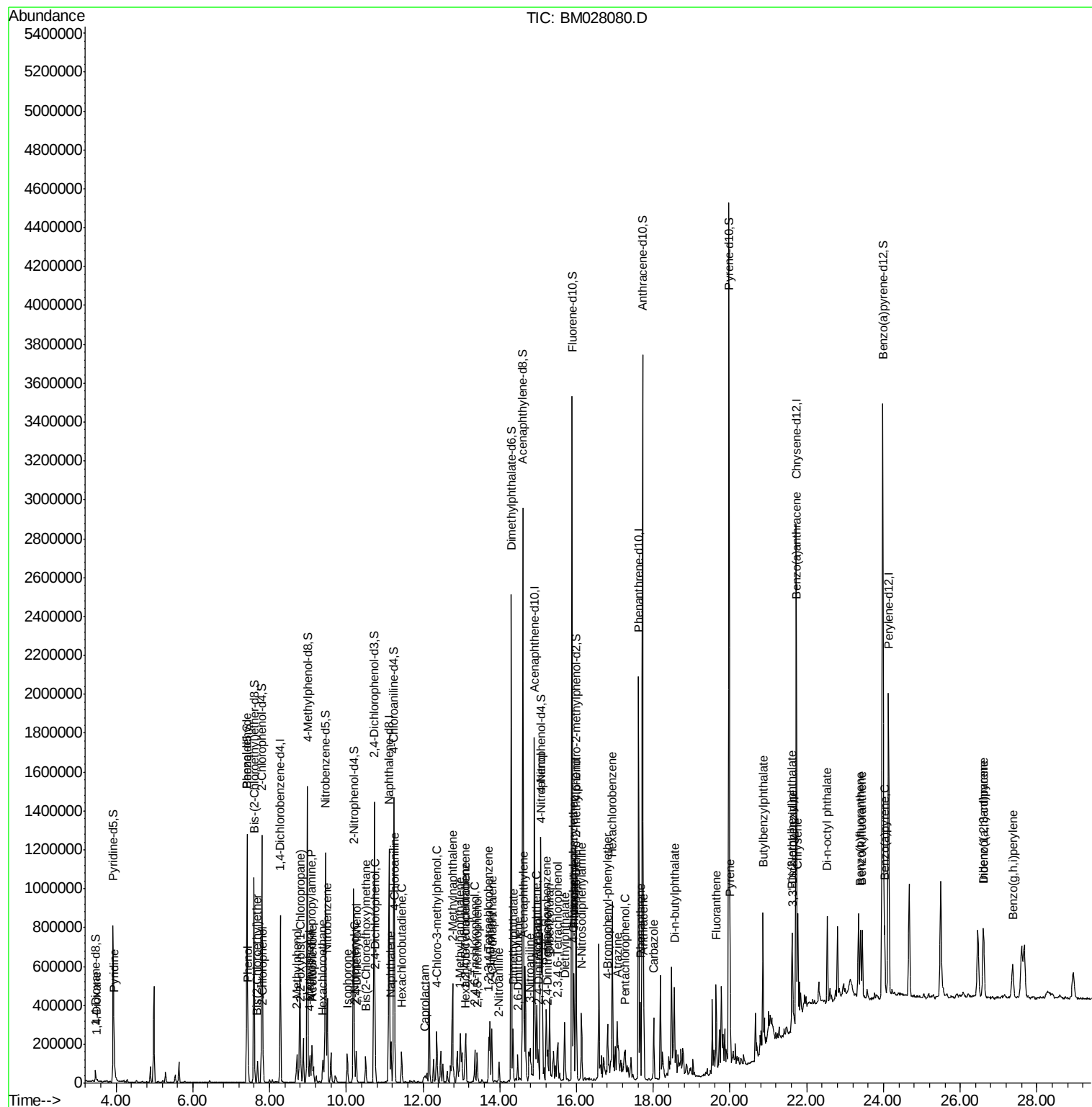
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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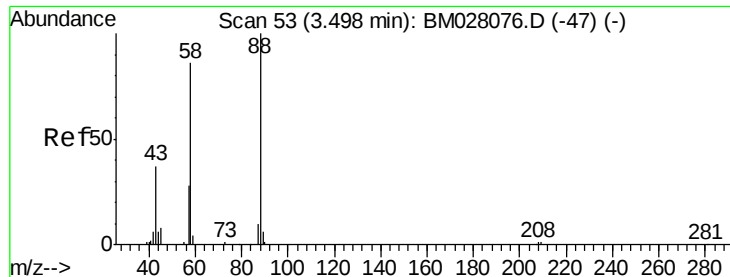
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.803 ng/uL

RT: 3.50 min Scan# 54

Delta R.T. 0.01 min

Lab File: BM028080.D

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Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

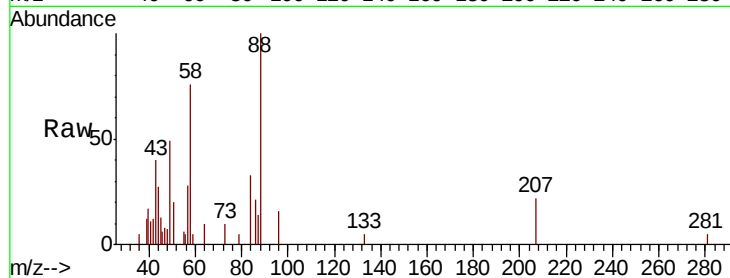
Tot Ion: 88 Resp: 5018

Ion Ratio Lower Upper

88 100

43 39.9 27.5 41.3

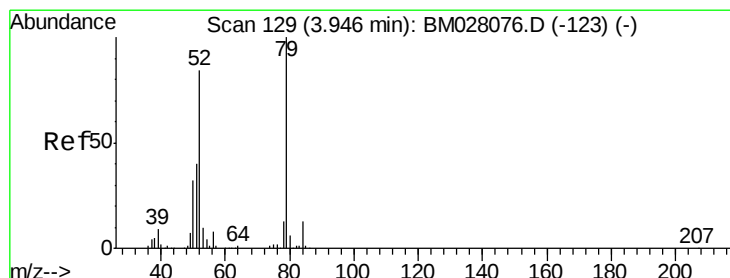
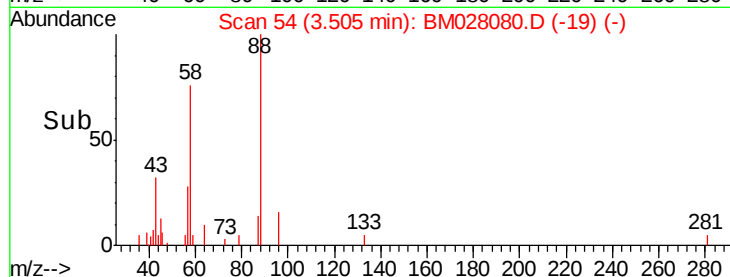
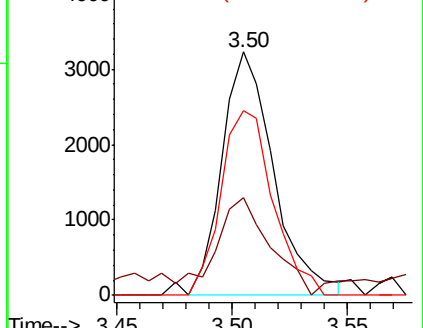
58 75.9 63.2 94.8



Abundance Ion 88.00 (87.70 to 88.70): BM028080.D (-112) (-)

Ion 43.00 (42.70 to 43.70): BM028080.D (-112) (-)

Ion 58.00 (57.70 to 58.70): BM028080.D (-112) (-)



#5

Pyridine

Concen: 3.096 ng/uL

RT: 3.95 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

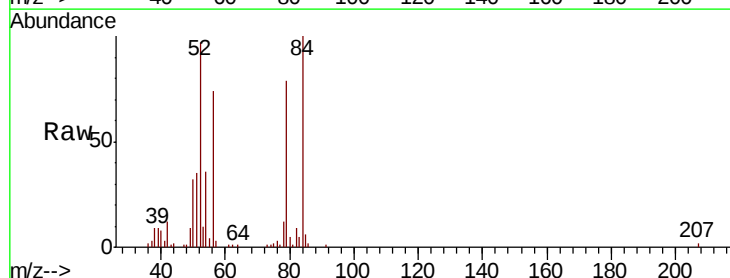
Tgt Ion: 79 Resp: 50627

Ion Ratio Lower Upper

79 100

52 123.7 72.8 109.2#

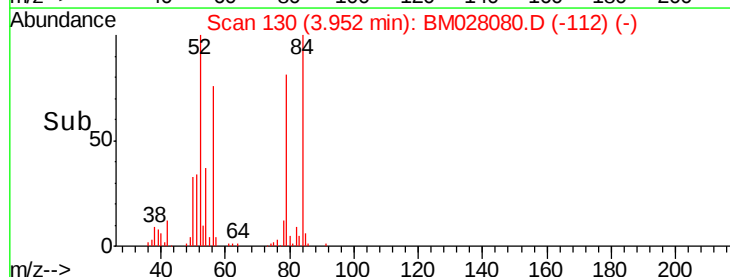
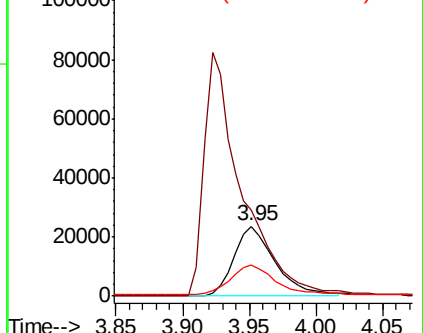
51 44.3 34.9 52.3

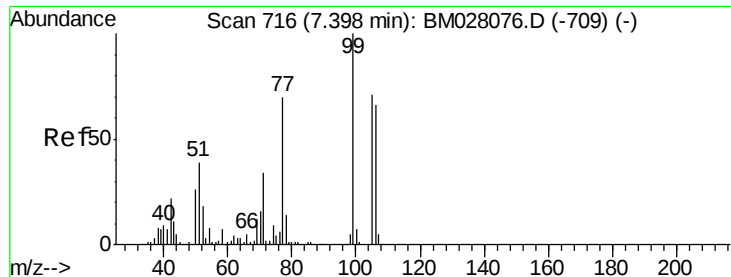


Abundance Ion 79.00 (78.70 to 79.70): BM028080.D (-112) (-)

Ion 52.00 (51.70 to 52.70): BM028080.D (-112) (-)

Ion 51.00 (50.70 to 51.70): BM028080.D (-112) (-)





#6

Benzaldehyde

Concen: 5.868 ng/ul

RT: 7.40 min Scan# 717

Delta R.T. 0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

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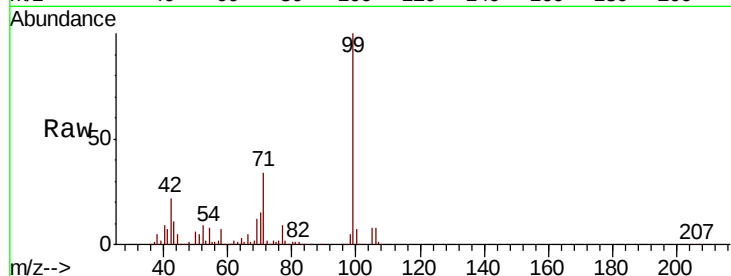
Tot Ion: 77 Resp: 44589

Ion Ratio Lower Upper

77 100

105 94.5 82.0 123.0

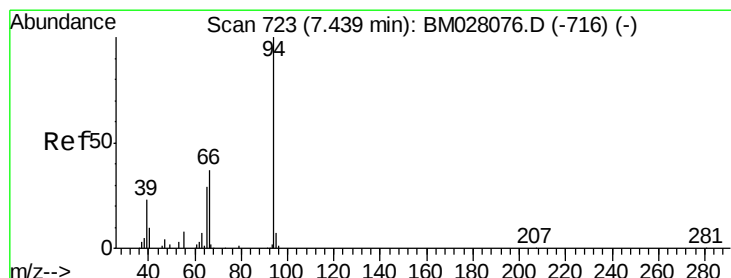
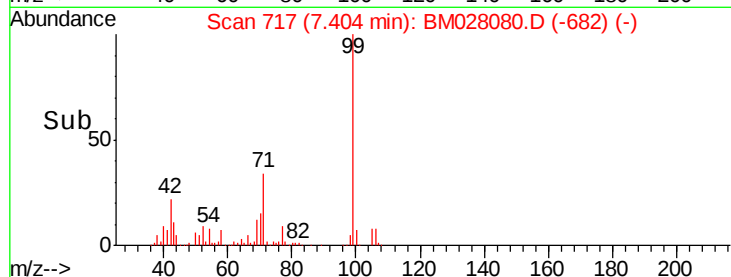
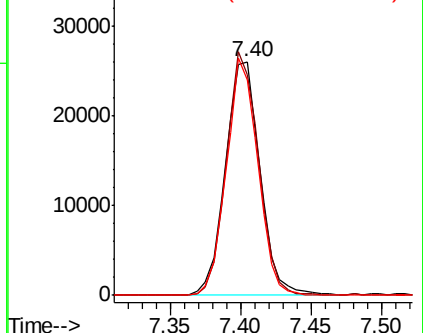
106 92.4 74.5 111.7



Abundance Ion 77.00 (76.70 to 77.70): BM028080.D (-682) (-)

Ion 105.00 (104.70 to 105.70): BM028080.D (-682) (-)

Ion 106.00 (105.70 to 106.70): BM028080.D (-682) (-)



#8

Phenol

Concen: 3.081 ng/ul

RT: 7.44 min Scan# 723

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

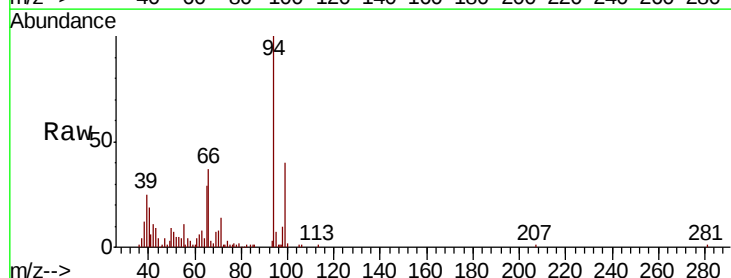
Tgt Ion: 94 Resp: 60448

Ion Ratio Lower Upper

94 100

65 29.1 24.5 36.7

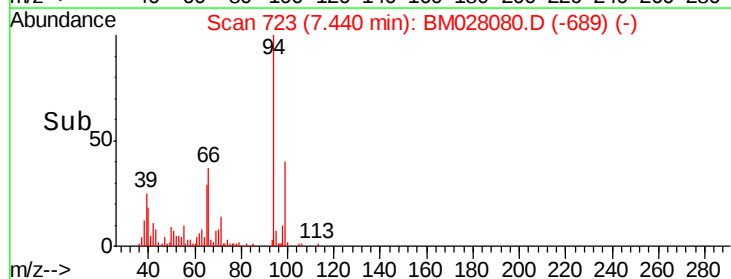
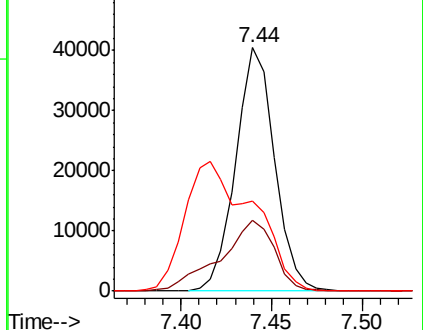
66 37.1 30.6 46.0

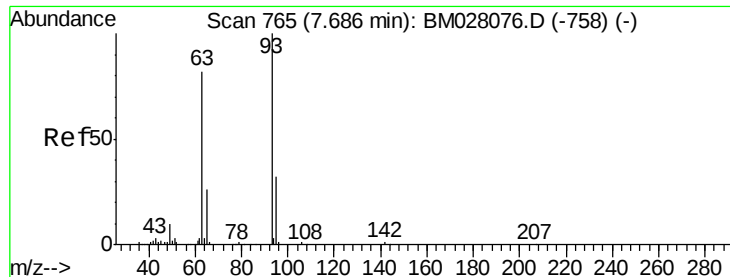


Abundance Ion 94.00 (93.70 to 94.70): BM028080.D (-689) (-)

Ion 65.00 (64.70 to 65.70): BM028080.D (-689) (-)

Ion 66.00 (65.70 to 66.70): BM028080.D (-689) (-)

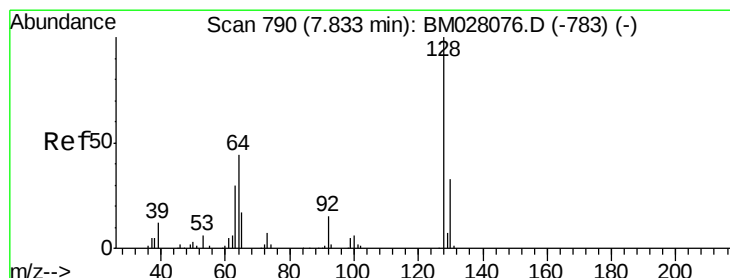
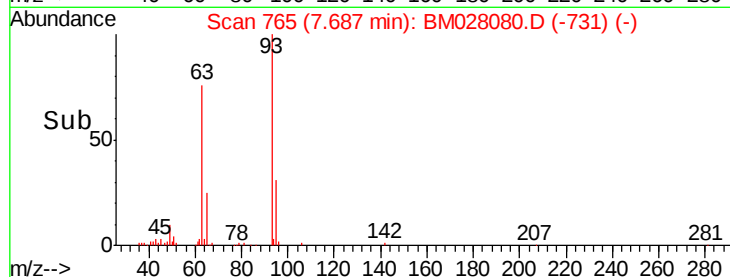
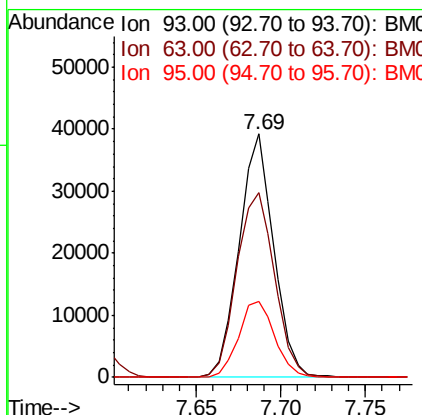
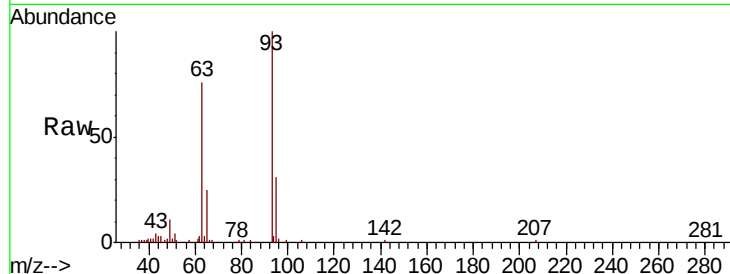




#10
Bis(2-Chloroethyl)ether
Concen: 3.335 ng/ul
RT: 7.69 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

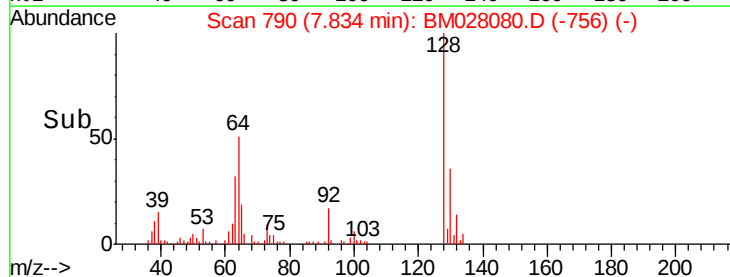
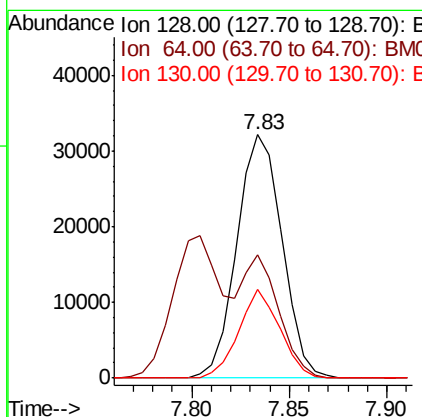
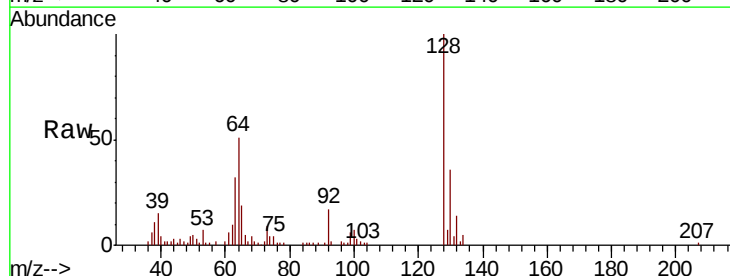
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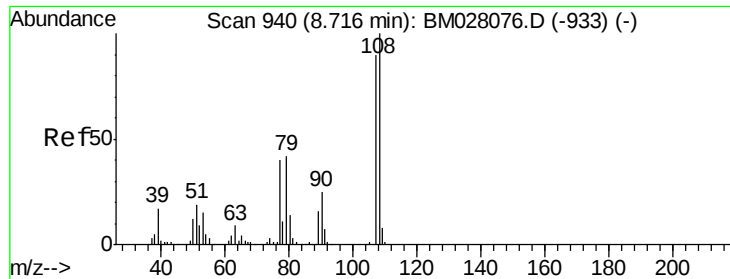
Tot Ion: 93 Resp: 55780
Ion Ratio Lower Upper
93 100
63 75.8 67.0 100.4
95 31.3 26.8 40.2



#12
2-Chlorophenol
Concen: 3.074 ng/ul
RT: 7.83 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion: 128 Resp: 51584
Ion Ratio Lower Upper
128 100
64 50.8 37.4 56.2
130 36.4 25.8 38.6

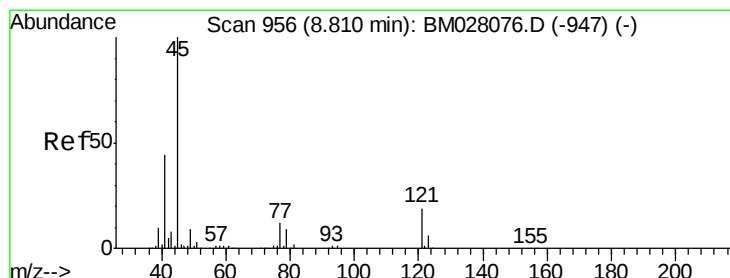
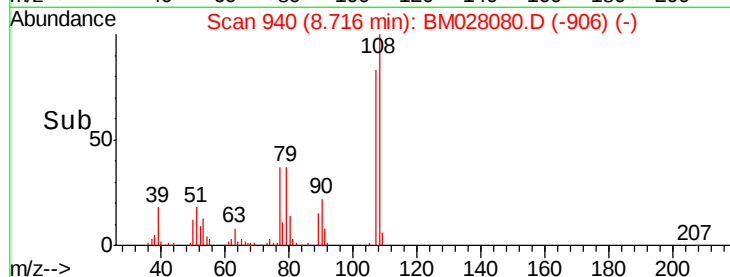
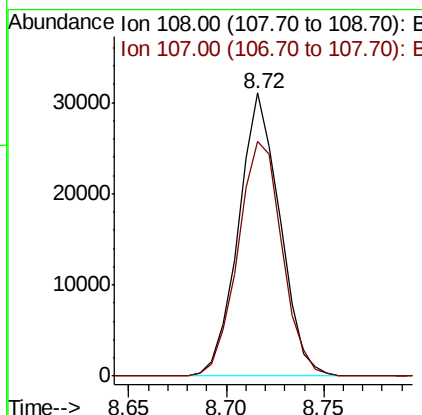
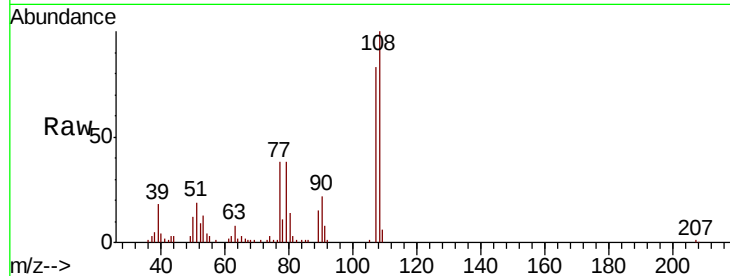




#13
2-Methylphenol
Concen: 3.019 ng/ul
RT: 8.72 min Scan# 940
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

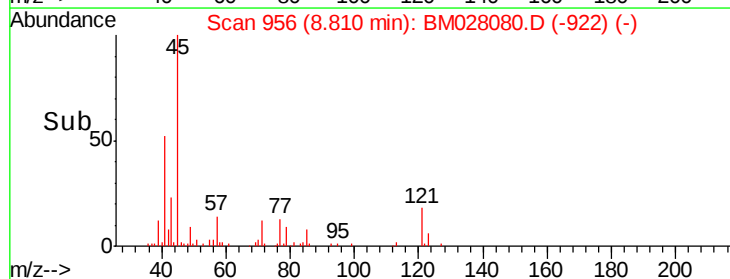
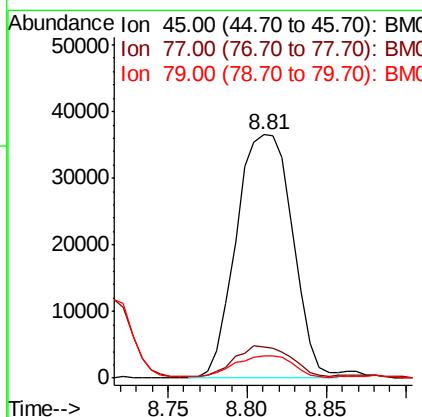
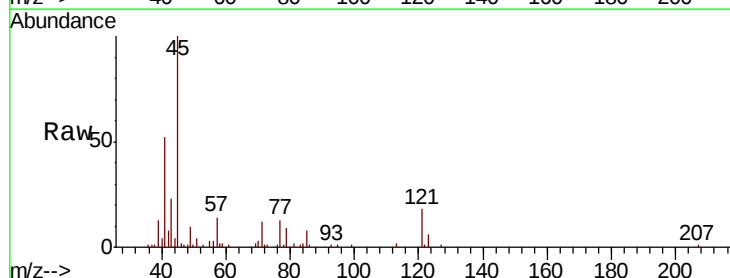
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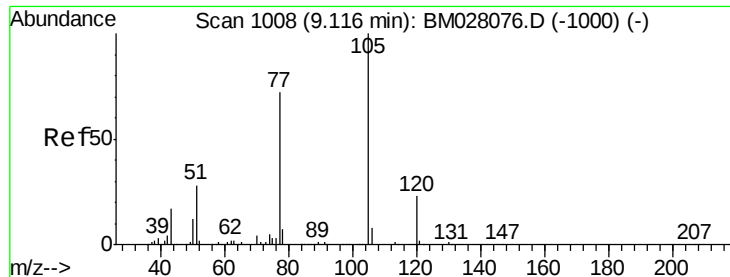
Tot Ion:108 Resp: 45577
Ion Ratio Lower Upper
108 100
107 82.8 70.9 106.3



#14
2,2'-oxybis(1-chloropropane)
Concen: 3.248 ng/ul
RT: 8.81 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion: 45 Resp: 89979
Ion Ratio Lower Upper
45 100
77 12.8 9.5 14.3
79 9.2 7.4 11.0





#16

Acetophenone

Concen: 3.129 ng/ul

RT: 9.12 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

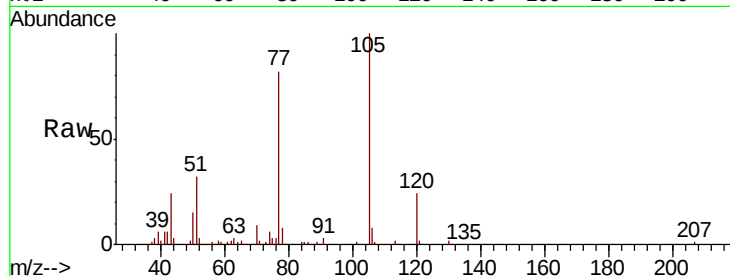
Tot Ion:105 Resp: 75453

Ion Ratio Lower Upper

105 100

77 82.2 60.8 91.2

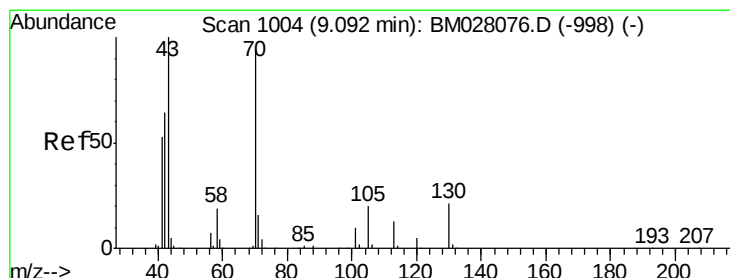
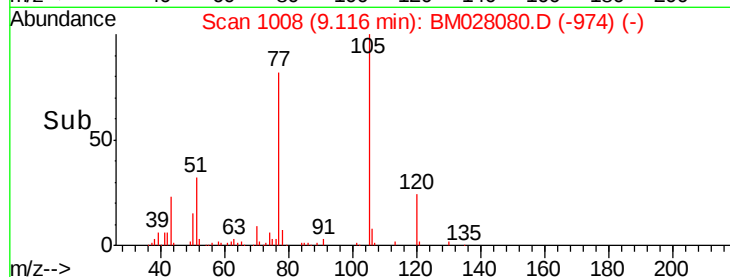
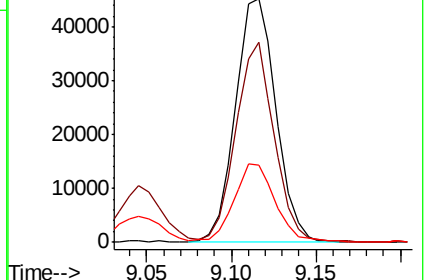
51 31.9 25.1 37.7



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#17

N-Nitroso-di-n-propylamine

Concen: 3.354 ng/ul

RT: 9.10 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Tgt Ion: 70 Resp: 39482

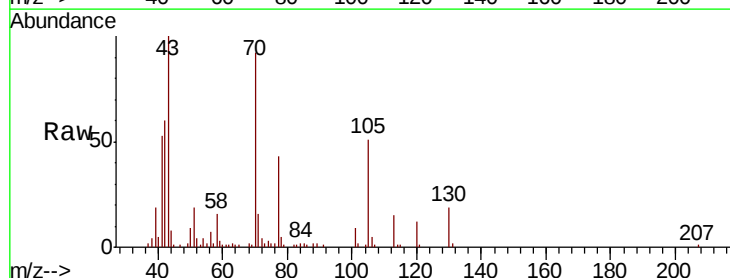
Ion Ratio Lower Upper

70 100

42 65.0 55.0 82.4

101 9.7 8.6 12.8

130 20.7 17.6 26.4

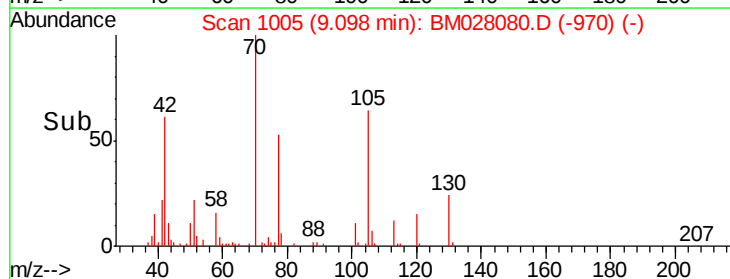
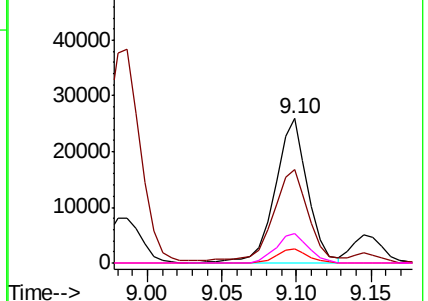


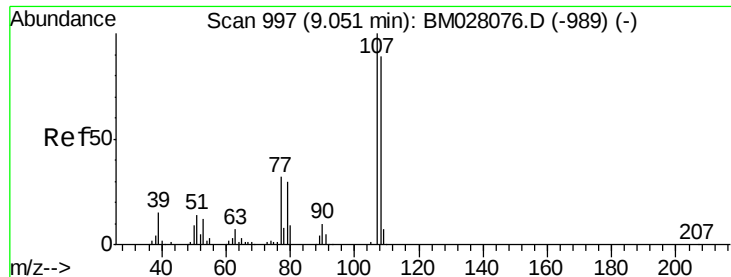
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#18

4-Methylphenol

Concen: 3.024 ng/ul

RT: 9.05 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

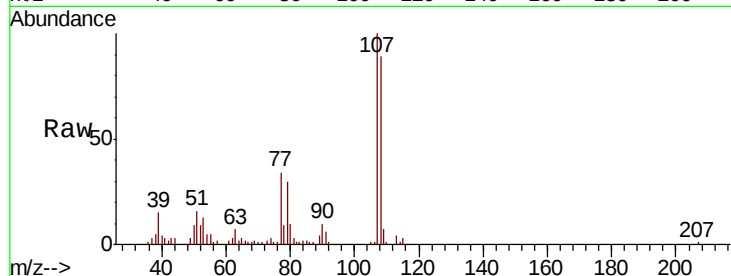
MDL-SOIL-07

Tot Ion:108 Resp: 49378

Ion Ratio Lower Upper

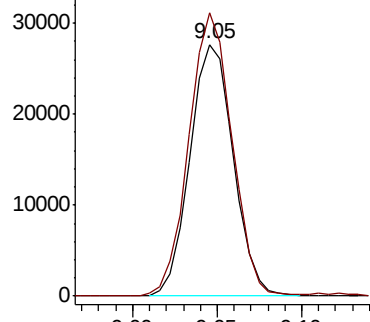
108 100

107 112.6 89.8 134.6

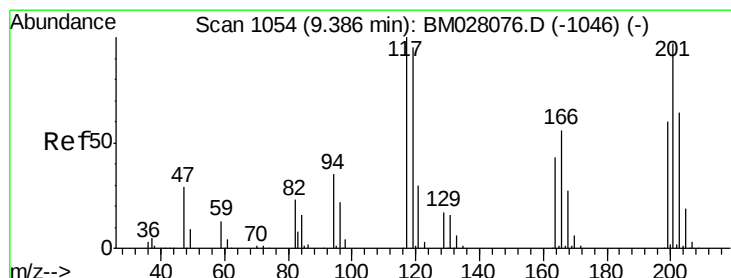
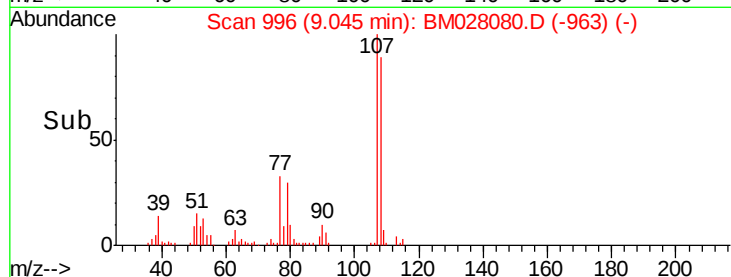


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



Time-->



#19

Hexachloroethane

Concen: 2.961 ng/ul

RT: 9.38 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

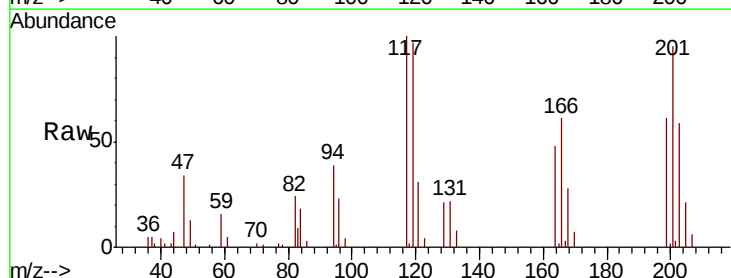
Tgt Ion:117 Resp: 21304

Ion Ratio Lower Upper

117 100

201 97.9 76.9 115.3

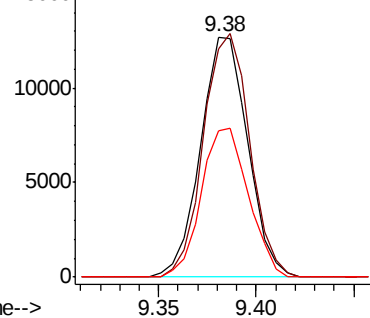
199 62.4 50.0 75.0



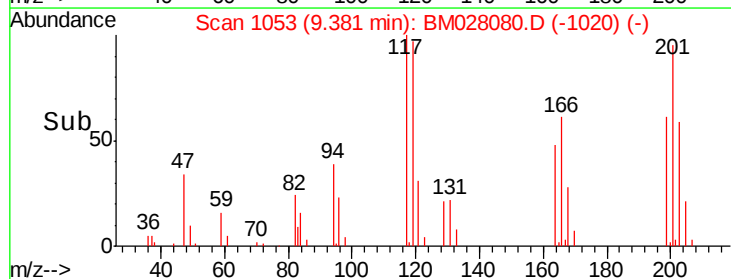
Abundance Ion 117.00 (116.70 to 117.70): E

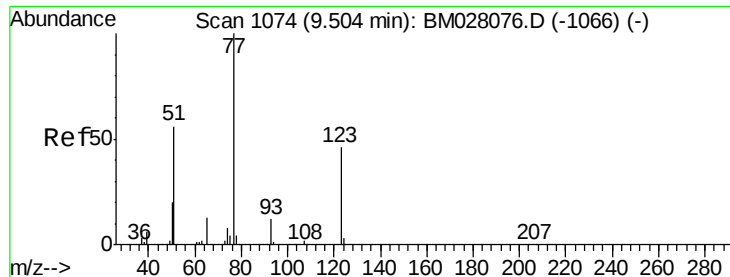
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



Time-->

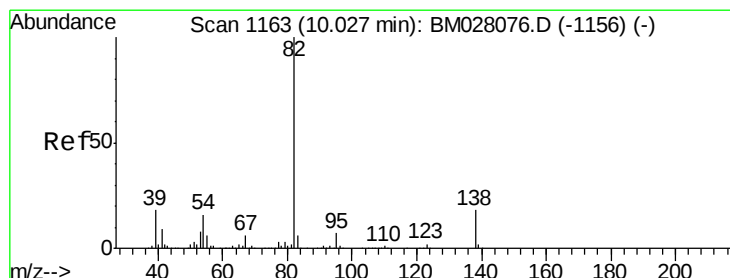
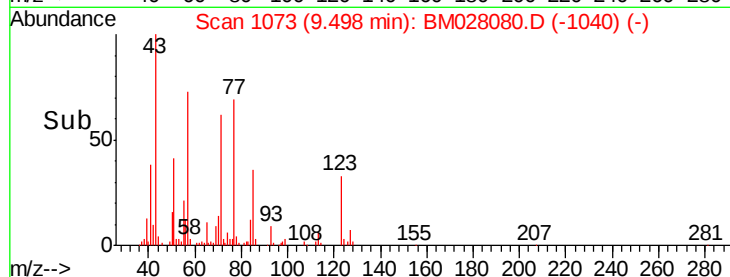
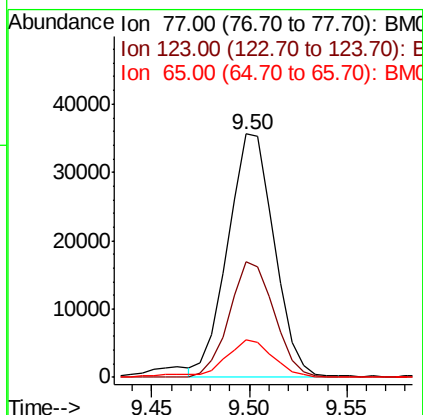
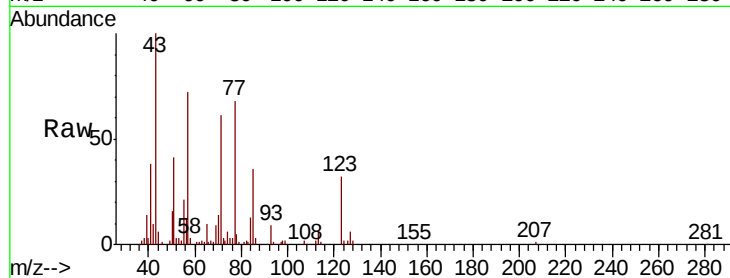




#22
Nitrobenzene
Concen: 3.104 ng/ul
RT: 9.50 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

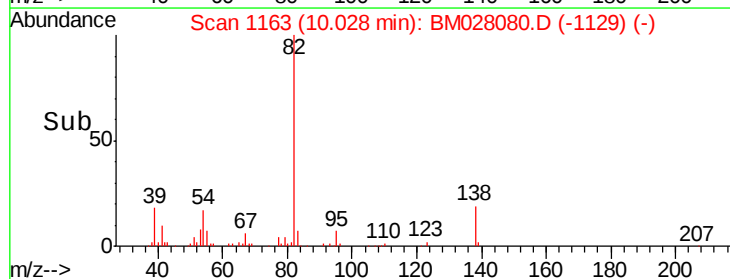
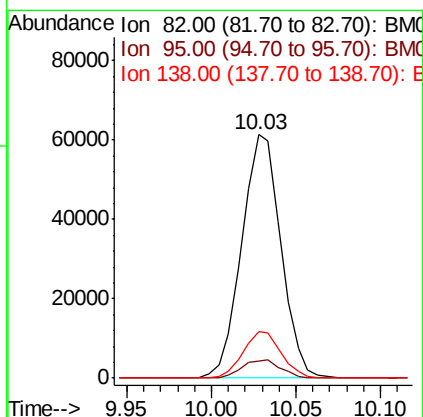
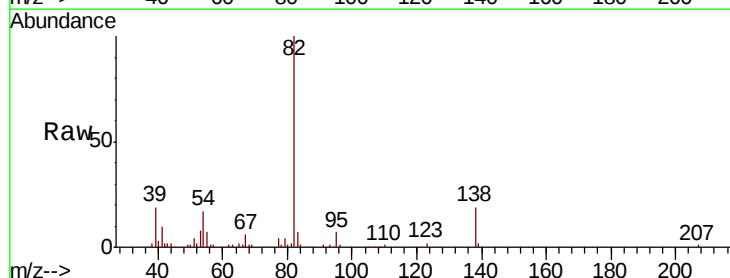
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

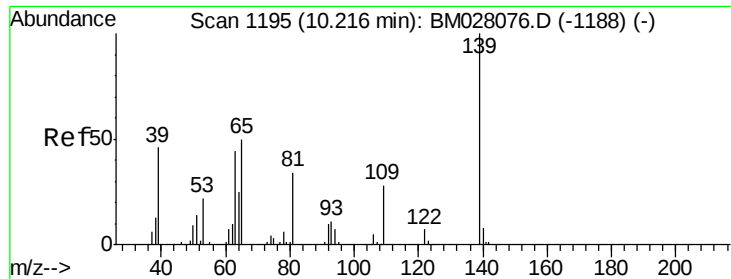
Tot Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.9	56.9
65	15.2	11.1	16.7



#23
Isophorone
Concen: 2.956 ng/ul
RT: 10.03 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	19.0	13.5	20.3

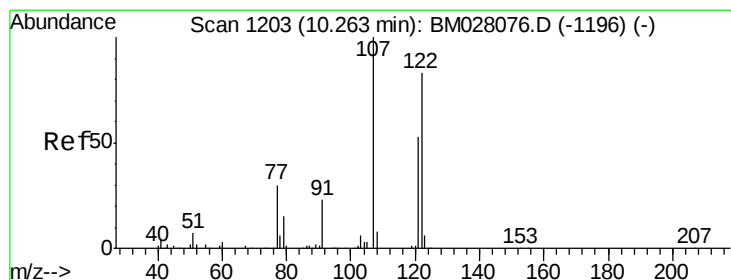
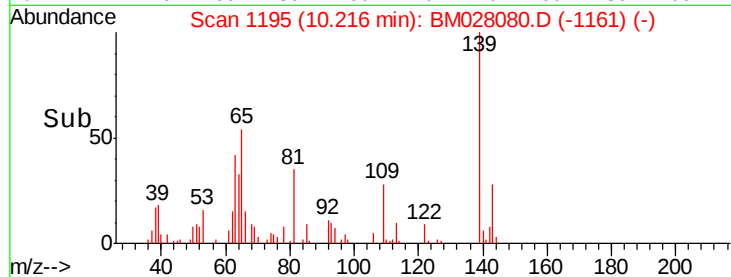
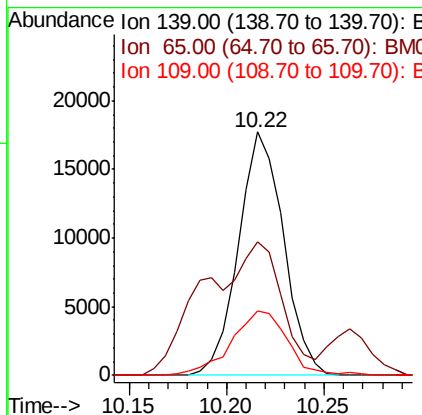
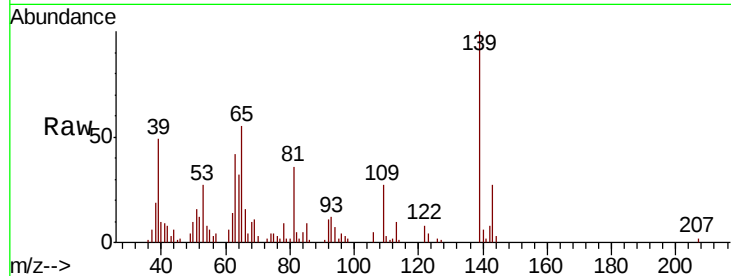




#25
2-Nitrophenol
Concen: 3.179 ng/ul
RT: 10.22 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

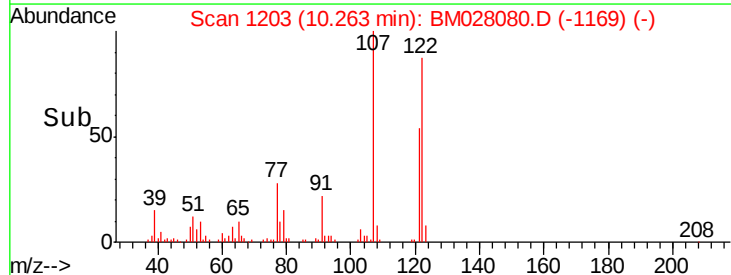
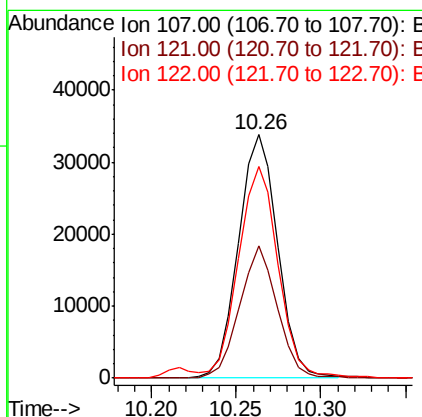
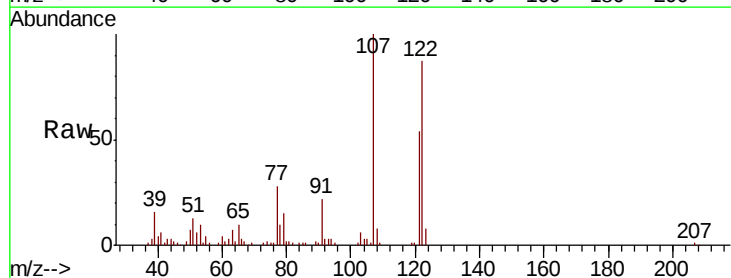
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

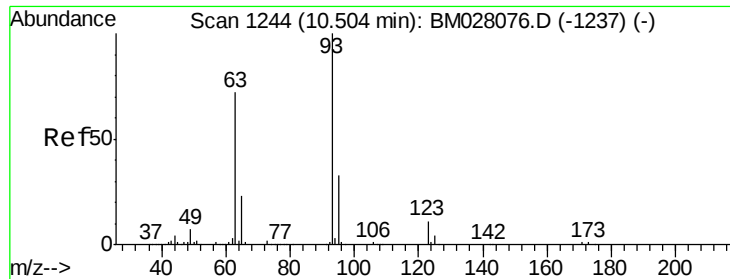
Tot Ion	Ratio	Lower	Upper
139	100		
65	55.1	43.0	64.6
109	26.7	23.7	35.5



#26
2,4-Dimethylphenol
Concen: 3.035 ng/ul
RT: 10.26 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion	Ratio	Lower	Upper
107	100		
121	54.2	42.3	63.5
122	86.8	70.3	105.5

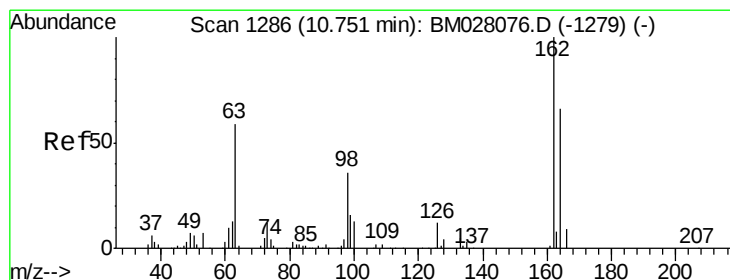
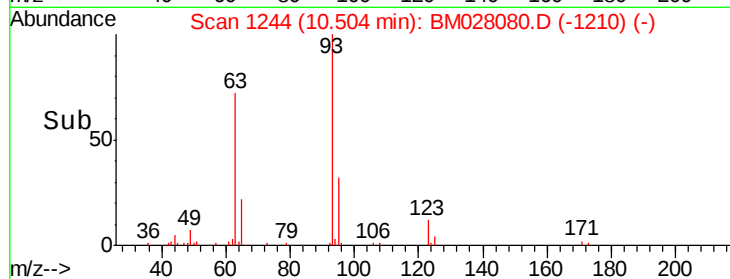
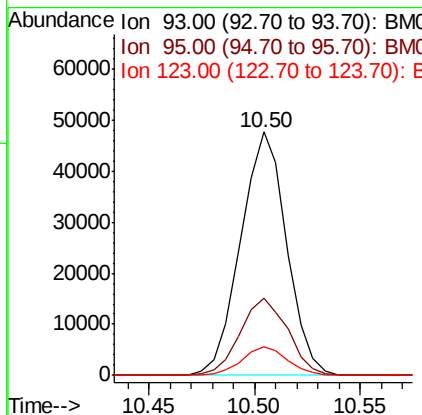
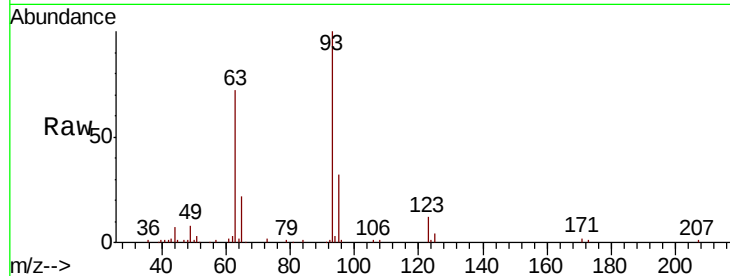




#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.158 ng/ul
 RT: 10.50 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

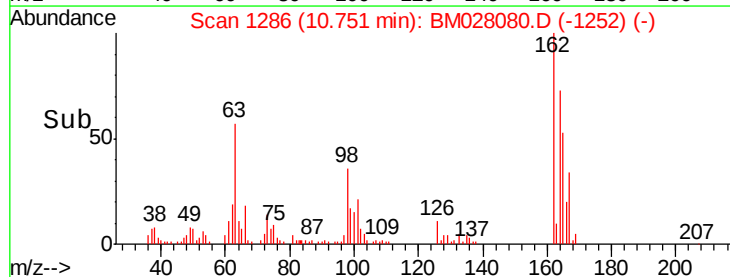
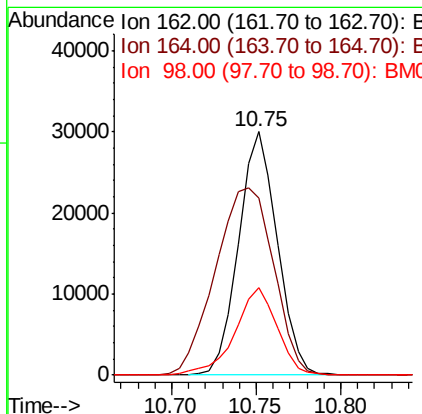
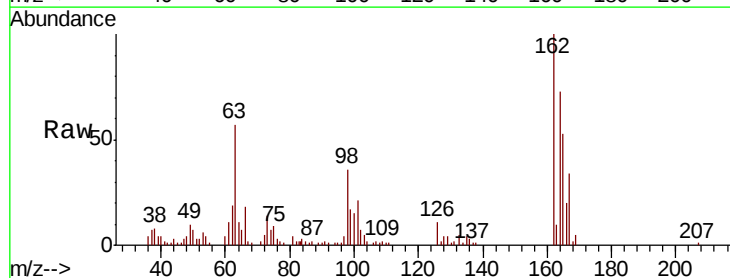
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-07

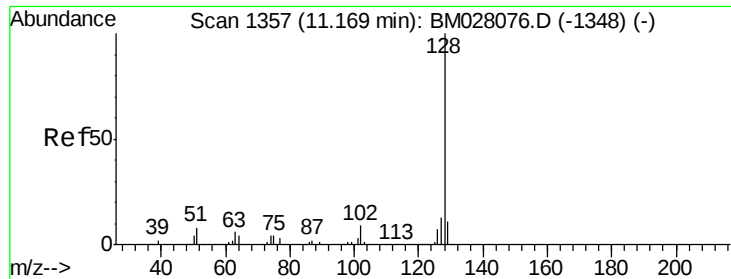
Tot Ion: 93 Resp: 71870
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.1 39.1
 123 11.9 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 3.082 ng/ul
 RT: 10.75 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

Tgt Ion: 162 Resp: 48007
 Ion Ratio Lower Upper
 162 100
 164 72.8 52.9 79.3
 98 35.8 29.8 44.6





#30

Naphthalene

Concen: 3.052 ng/ul

RT: 11.17 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

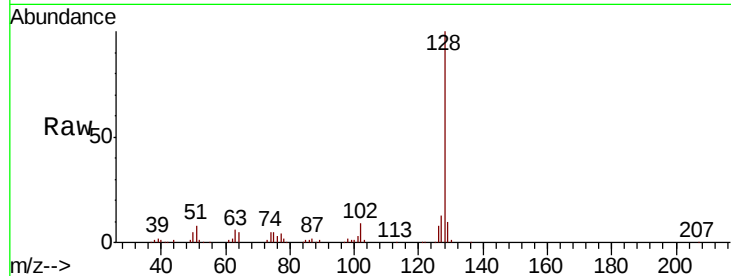
Tot Ion:128 Resp: 170836

Ion Ratio Lower Upper

128 100

129 10.4 8.7 13.1

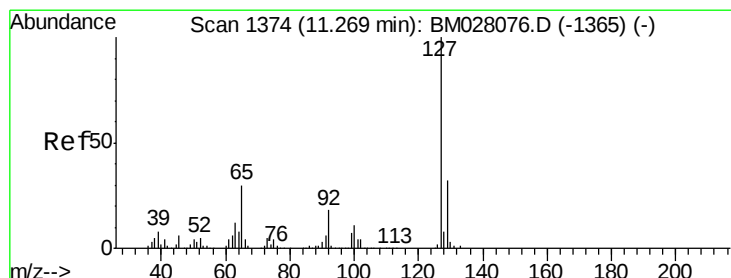
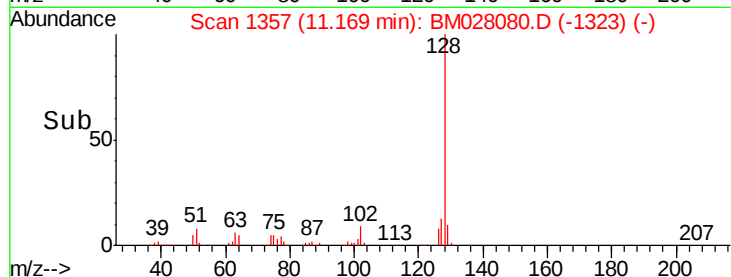
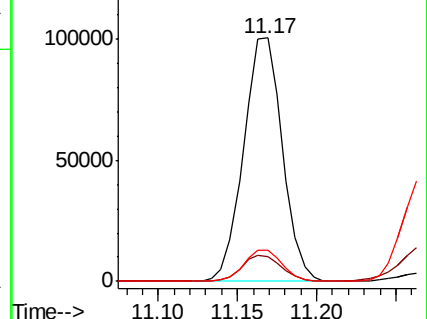
127 12.9 10.7 16.1



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: 3.145 ng/ul

RT: 11.26 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BM028080.D

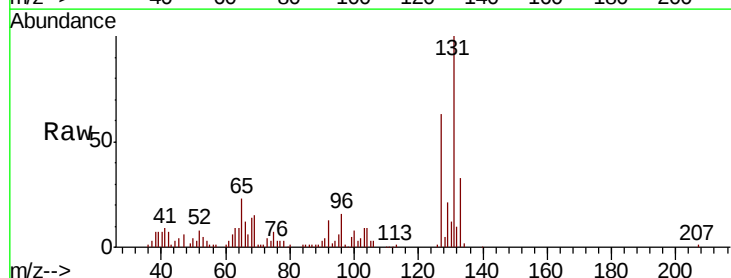
Acq: 08 Dec 2020 19:58

Tgt Ion:127 Resp: 67530

Ion Ratio Lower Upper

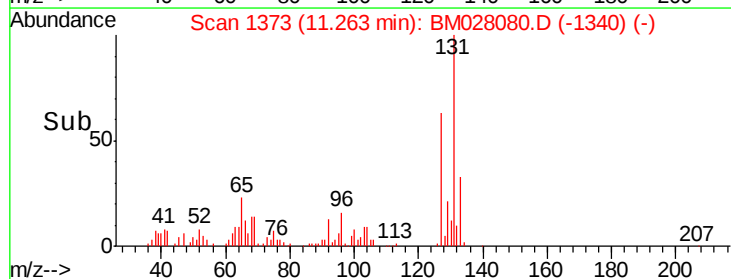
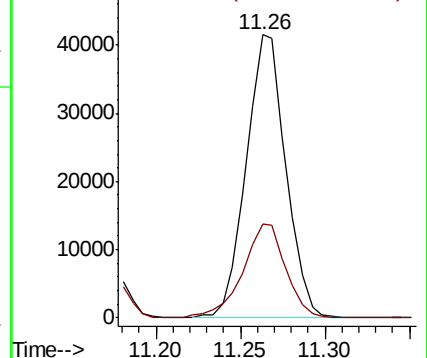
127 100

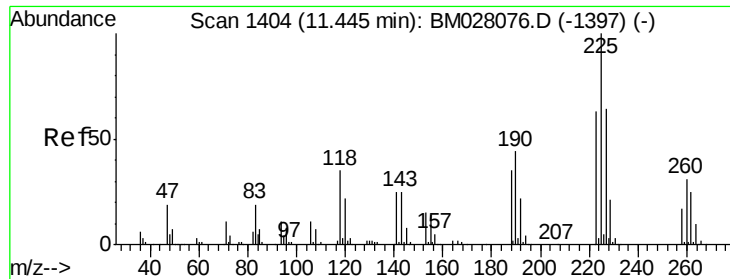
129 33.0 26.1 39.1



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 3.001 ng/ul

RT: 11.45 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

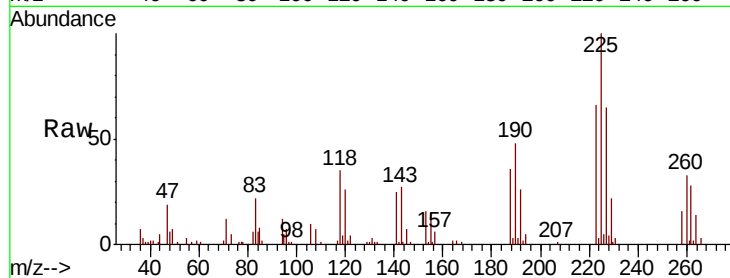
Tot Ion:225 Resp: 30457

Ion Ratio Lower Upper

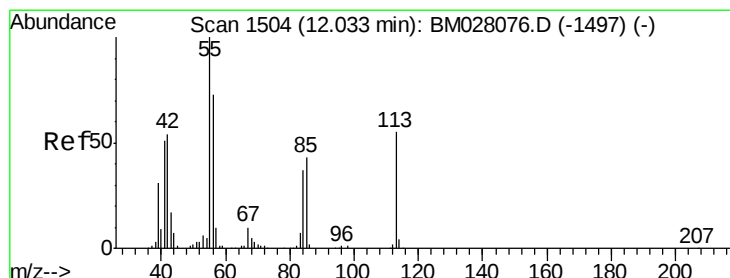
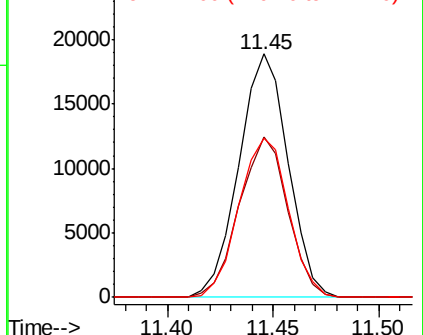
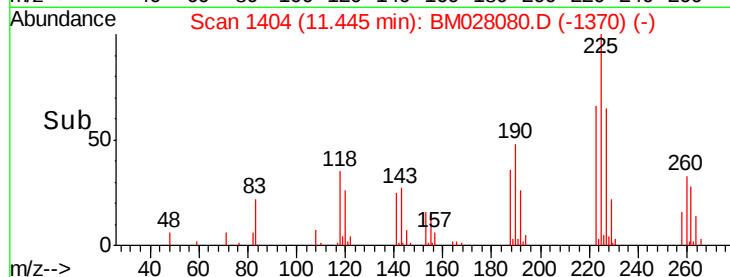
225 100

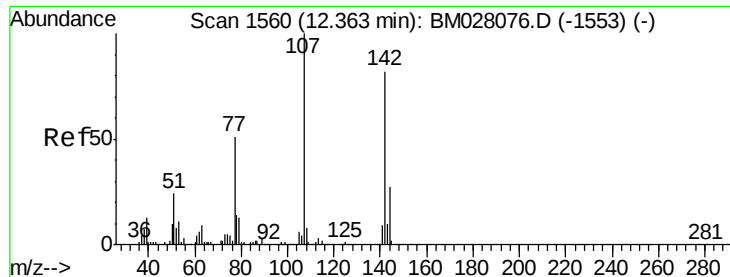
223 66.1 52.0 78.0

227 65.1 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

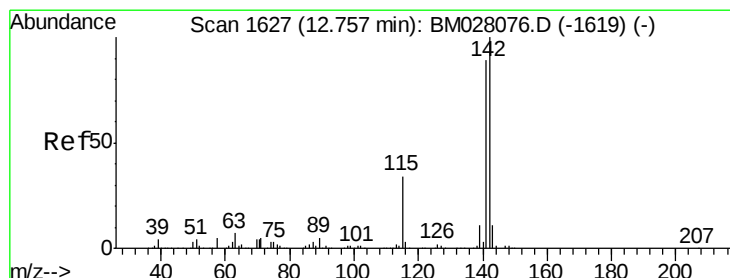
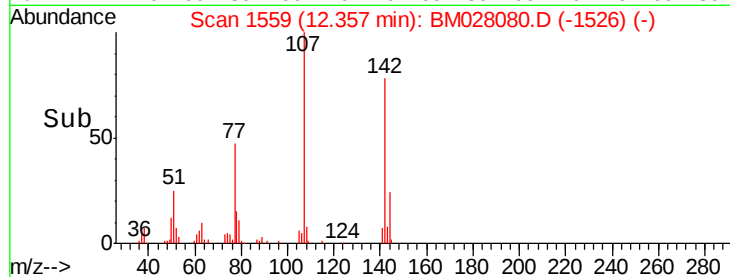
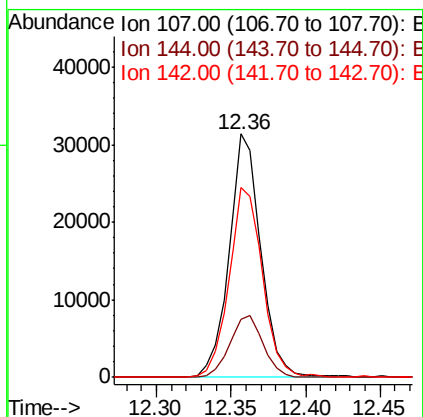
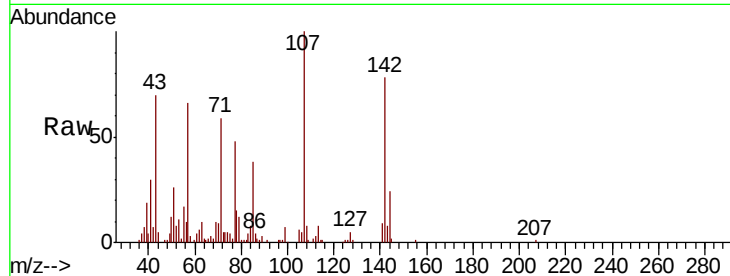




#35
 4-Chloro-3-methylphenol
 Concen: 2.919 ng/ul
 RT: 12.36 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

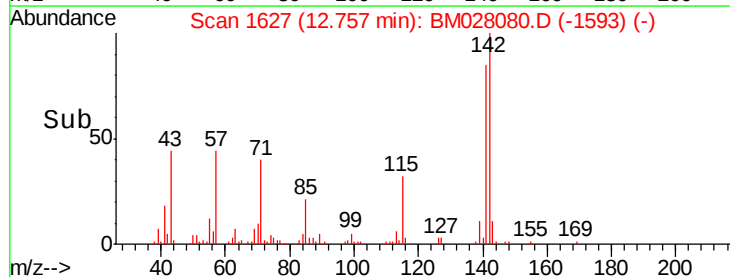
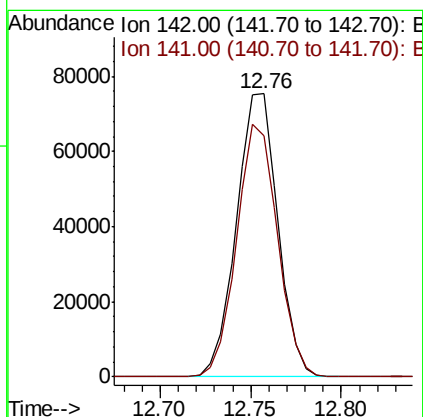
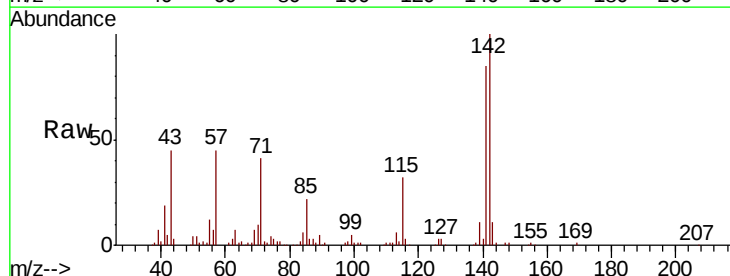
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-07

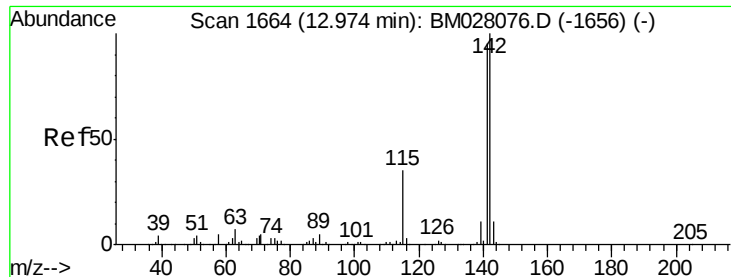
Tot Ion:107 Resp: 46752
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.4 30.6
 142 77.8 64.9 97.3



#36
 2-Methylnaphthalene
 Concen: 3.142 ng/ul
 RT: 12.76 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

Tgt Ion:142 Resp: 119540
 Ion Ratio Lower Upper
 142 100
 141 85.4 72.2 108.4

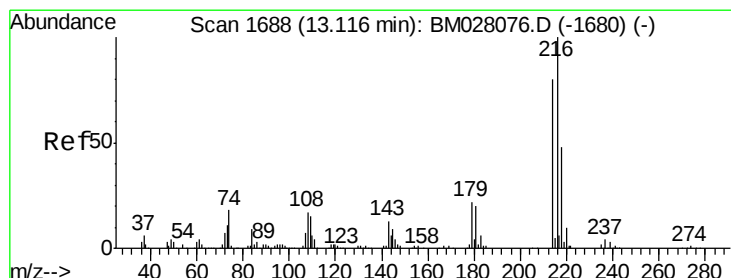
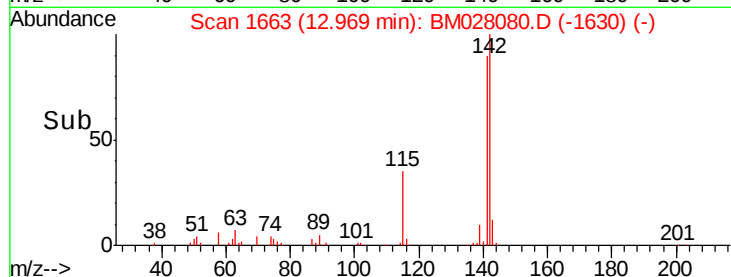
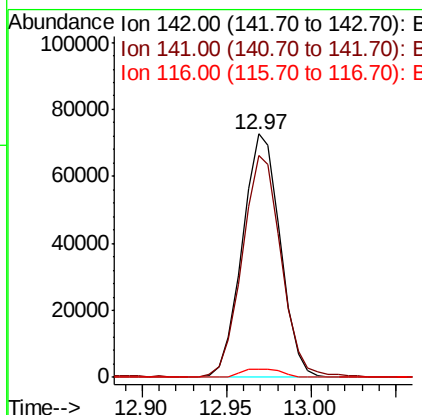
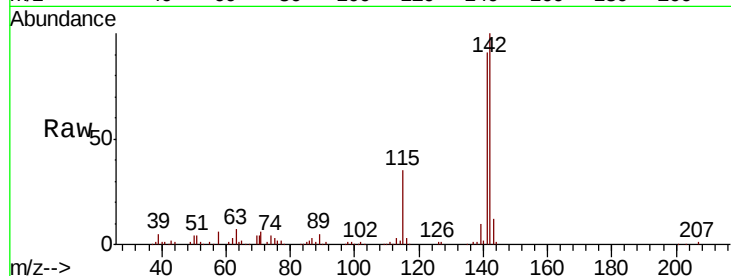




#37
1-Methylnaphthalene
Concen: 3.106 ng/ul
RT: 12.97 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

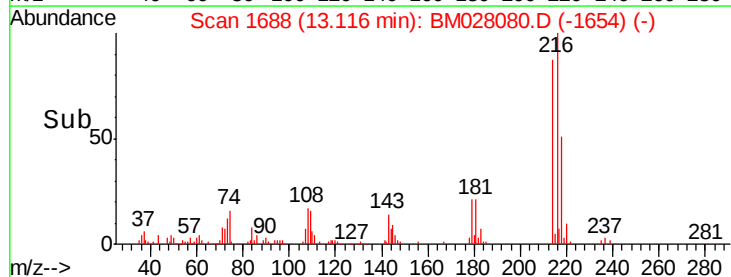
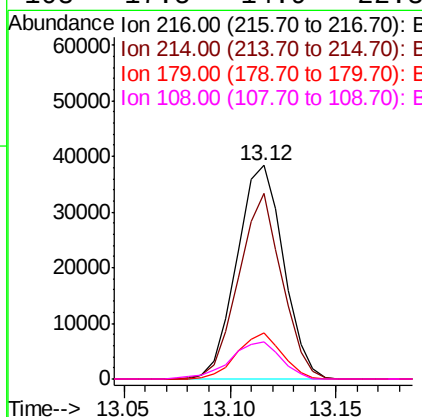
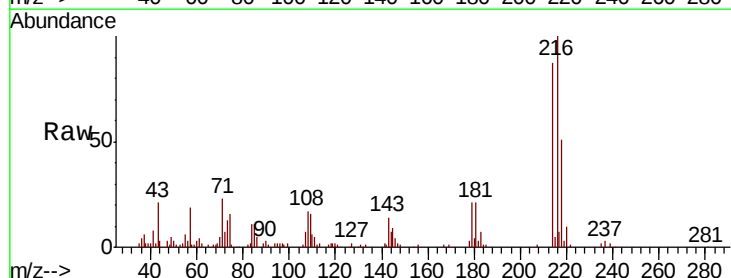
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

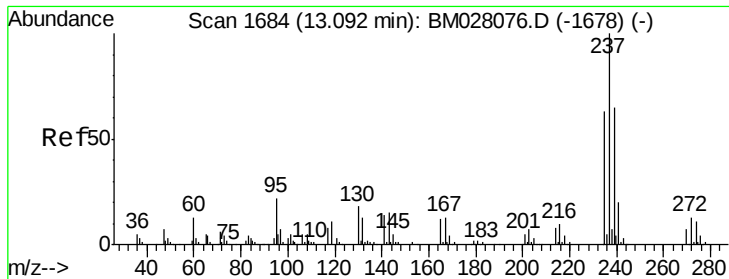
Tot Ion:142 Resp: 113636
Ion Ratio Lower Upper
142 100
141 91.1 75.4 113.0
116 3.4 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.060 ng/ul
RT: 13.12 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion:216 Resp: 58914
Ion Ratio Lower Upper
216 100
214 86.8 62.6 93.8
179 21.5 16.6 25.0
108 17.5 14.9 22.3

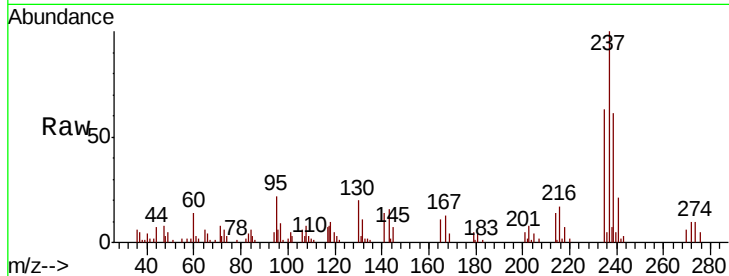




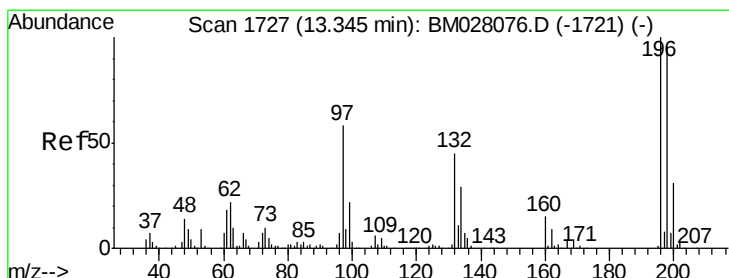
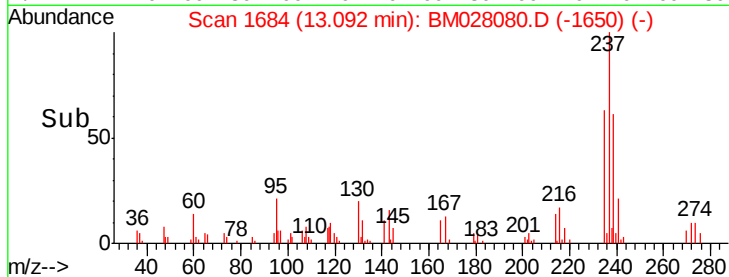
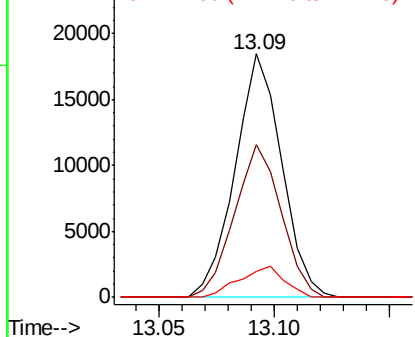
#40
Hexachlorocyclopentadiene
Concen: 2.304 ng/ul
RT: 13.09 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tot Ion:237 Resp: 26010
Ion Ratio Lower Upper
237 100
235 62.9 50.4 75.6
272 10.5 10.2 15.4

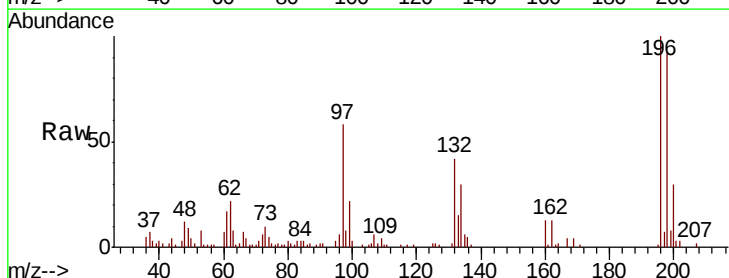


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

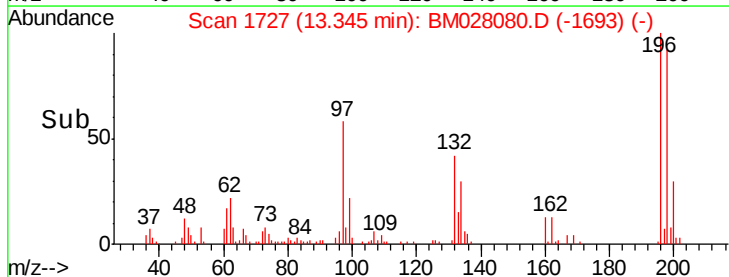
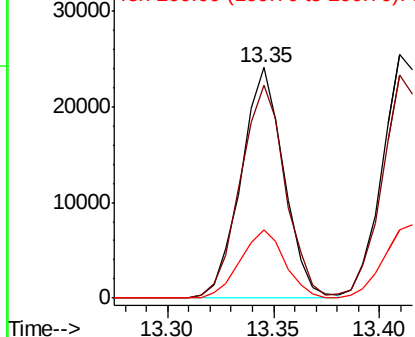


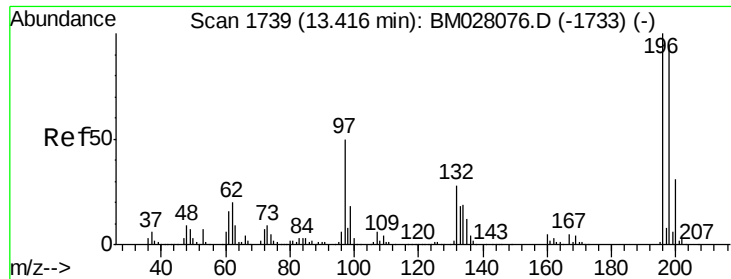
#41
2,4,6-Trichlorophenol
Concen: 2.876 ng/ul
RT: 13.35 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion:196 Resp: 34007
Ion Ratio Lower Upper
196 100
198 92.2 76.6 114.8
200 29.5 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

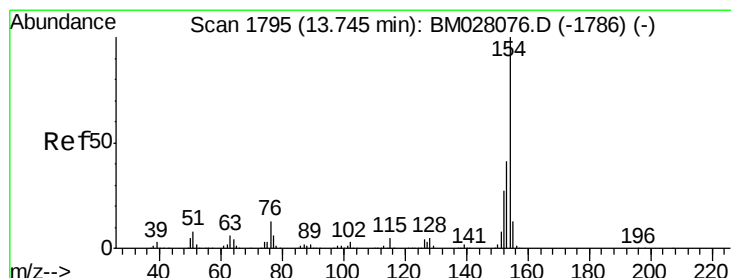
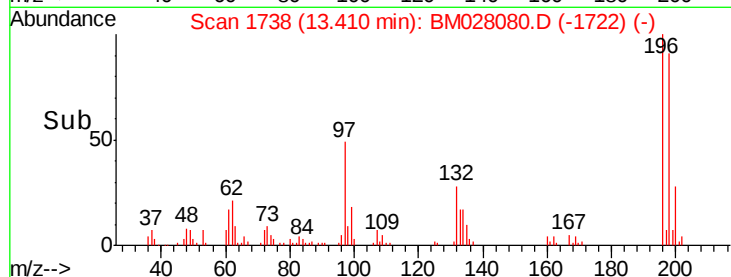
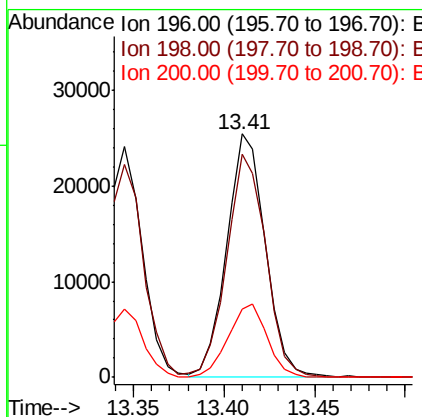
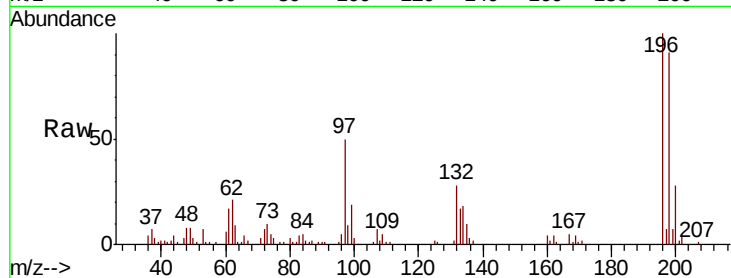




#42
 2,4,5-Trichlorophenol
 Concen: 2.958 ng/ul
 RT: 13.41 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

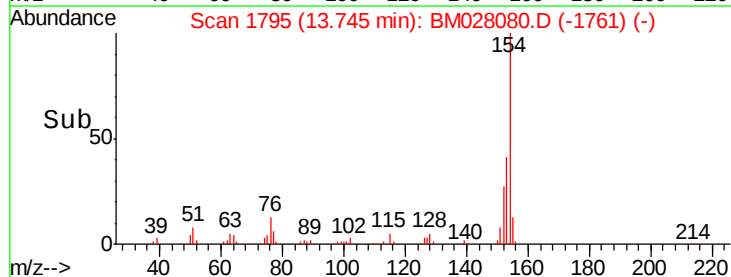
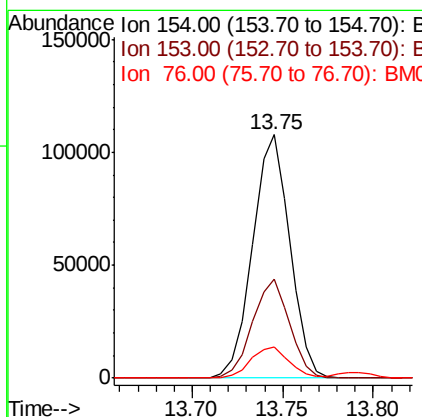
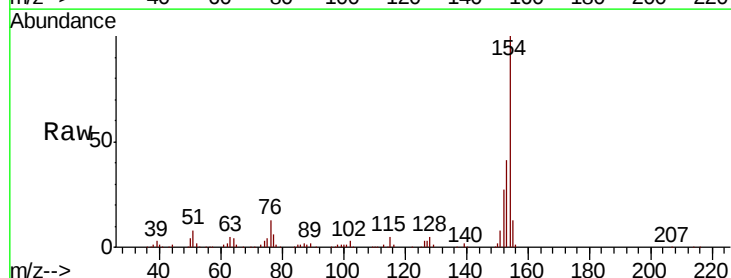
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-07

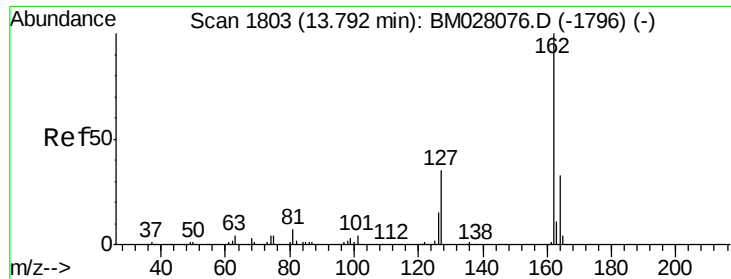
Tot Ion:196 Resp: 37792
 Ion Ratio Lower Upper
 196 100
 198 91.5 76.4 114.6
 200 27.8 24.3 36.5



#43
 1,1'-Biphenyl
 Concen: 3.107 ng/ul
 RT: 13.75 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

Tgt Ion:154 Resp: 153659
 Ion Ratio Lower Upper
 154 100
 153 40.9 31.6 47.4
 76 12.7 10.4 15.6

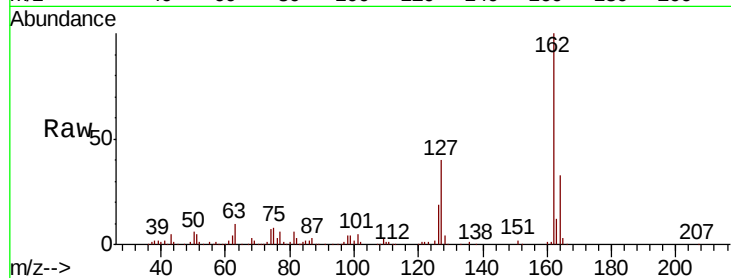




#44
2-Chloronaphthalene
Concen: 3.103 ng/ul
RT: 13.79 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
162	100		
164	33.1	26.4	39.6
127	40.5	30.6	46.0

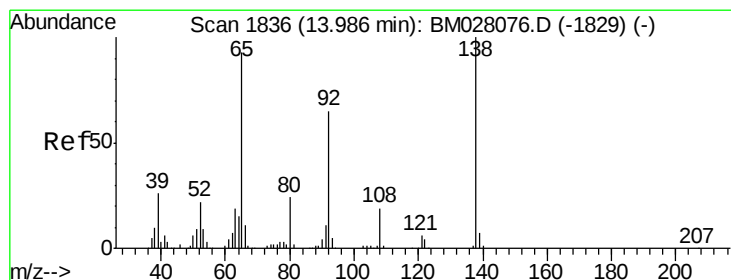
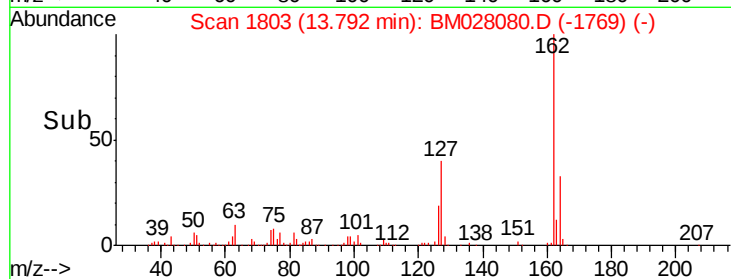
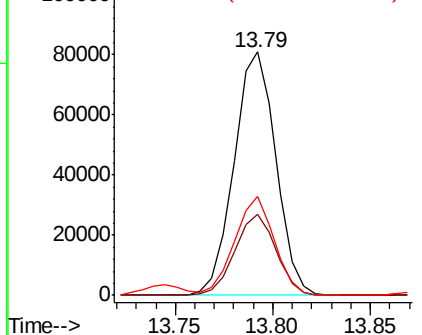


Abundance

Ion 162.00 (161.70 to 162.70): E

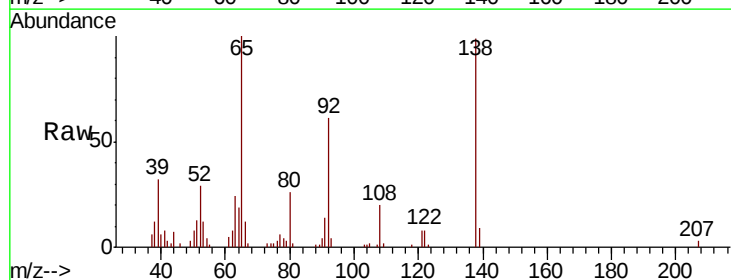
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#45
2-Nitroaniline
Concen: 2.670 ng/ul
RT: 13.98 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	53.0	79.6
138	99.5	82.6	123.8

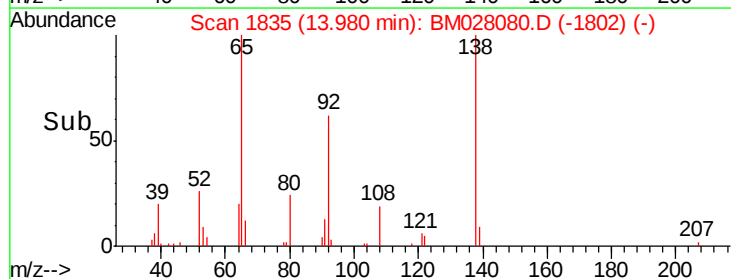
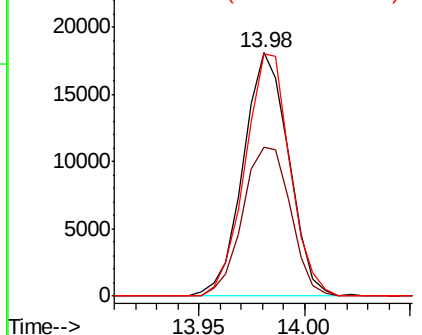


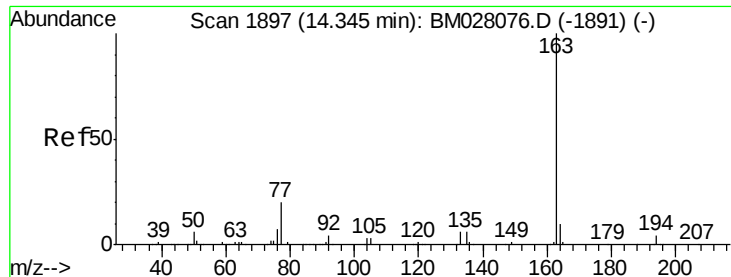
Abundance

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: 3.143 ng/ul

RT: 14.35 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

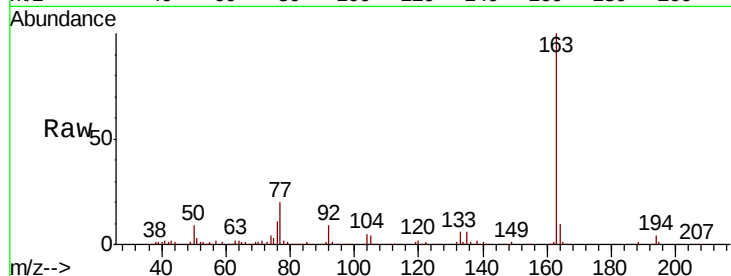
Tot Ion:163 Resp: 146983

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

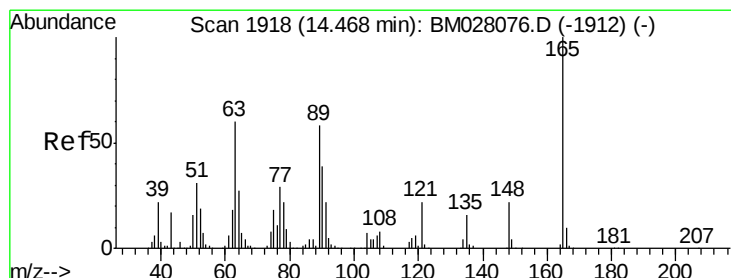
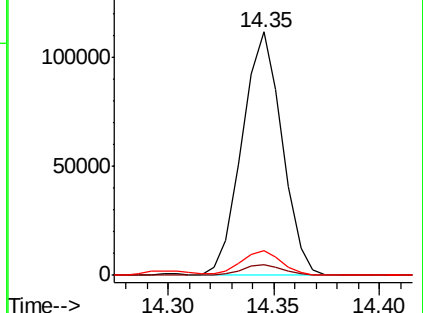
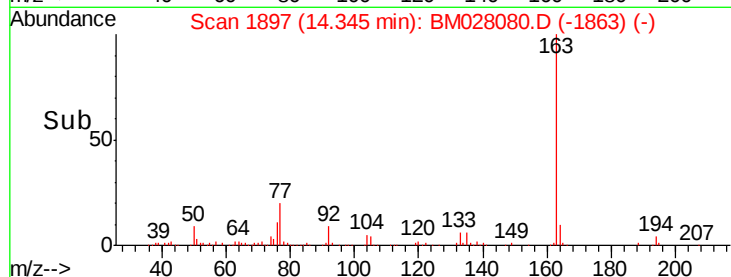
164 10.1 8.0 12.0



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: 2.638 ng/ul

RT: 14.47 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

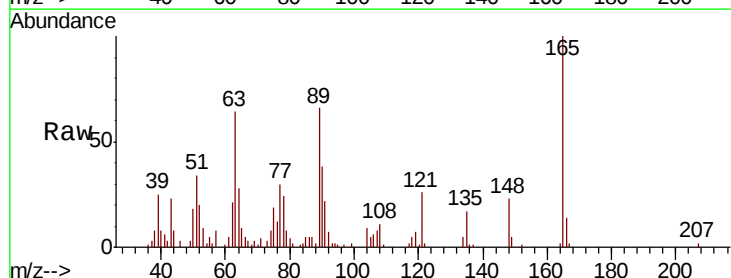
Tgt Ion:165 Resp: 23654

Ion Ratio Lower Upper

165 100

89 66.1 48.5 72.7

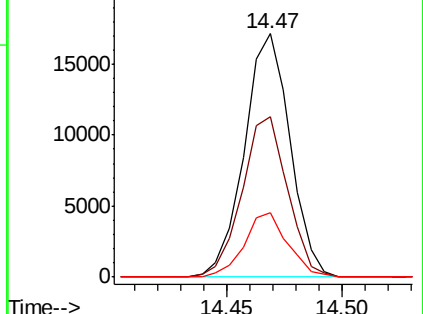
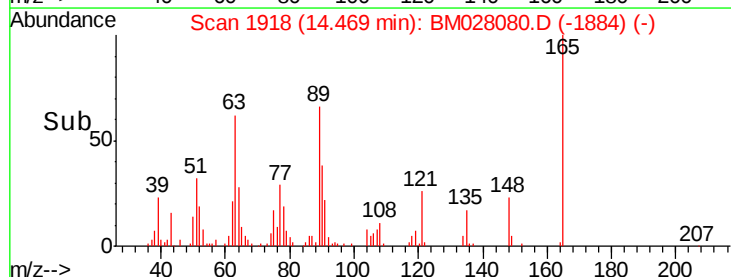
121 26.4 18.2 27.4

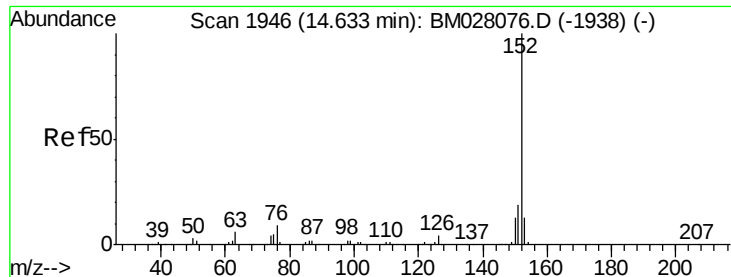


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 3.165 ng/ul

RT: 14.63 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

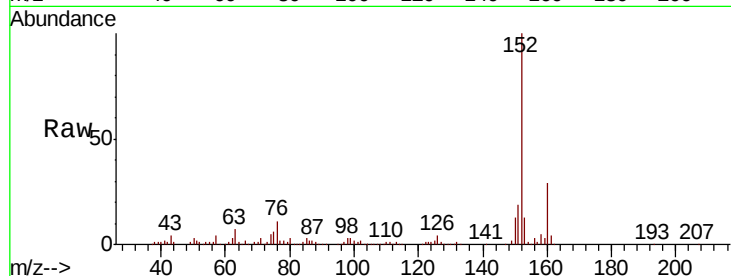
Tot Ion:152 Resp: 180571

Ion Ratio Lower Upper

152 100

151 19.2 15.6 23.4

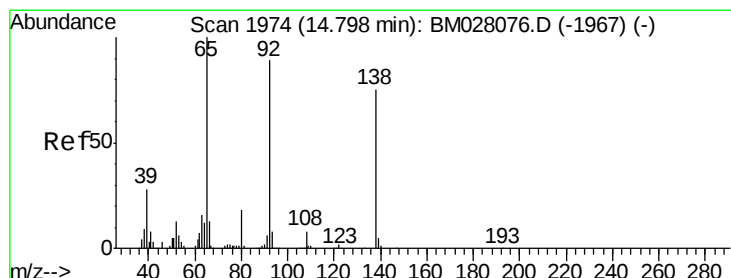
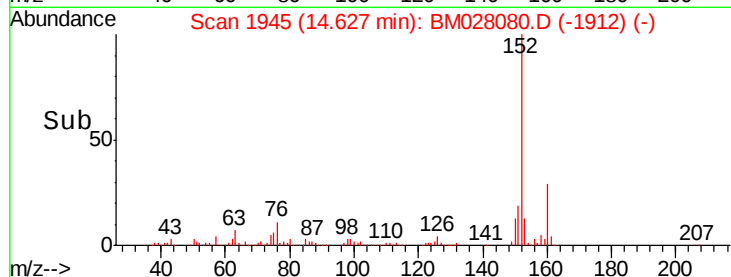
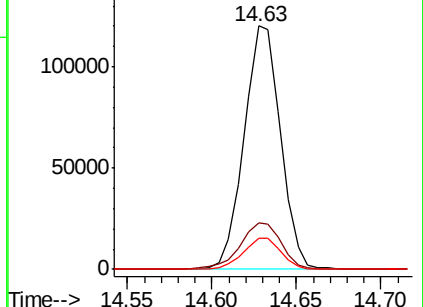
153 13.0 10.3 15.5



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: 2.965 ng/ul

RT: 14.79 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

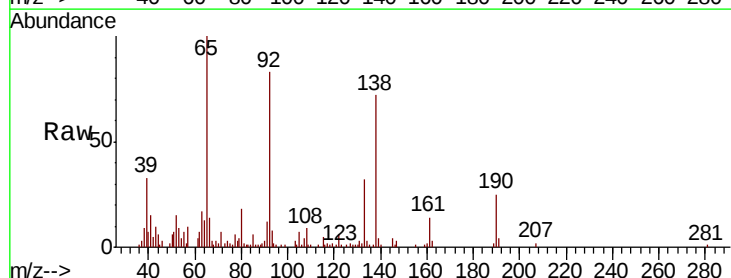
Tgt Ion:138 Resp: 24890

Ion Ratio Lower Upper

138 100

108 12.9 8.8 13.2

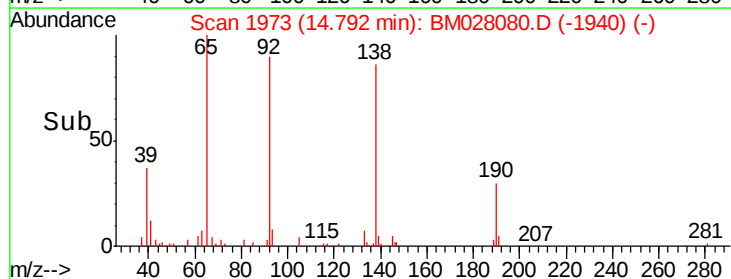
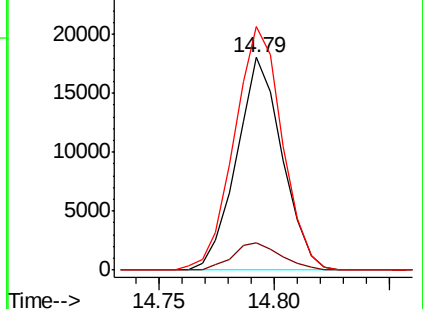
92 114.6 92.0 138.0

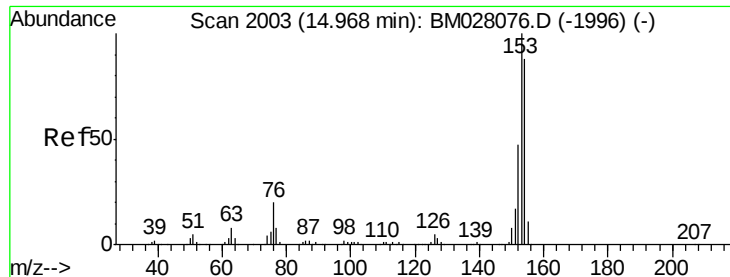


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#52

Acenaphthene

Concen: 3.176 ng/ul

RT: 14.97 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

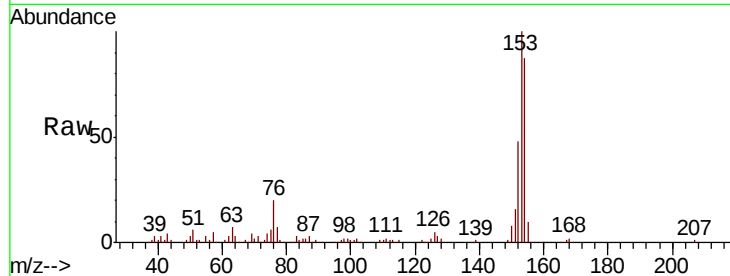
Tot Ion:153 Resp: 130662

Ion Ratio Lower Upper

153 100

152 47.7 36.0 54.0

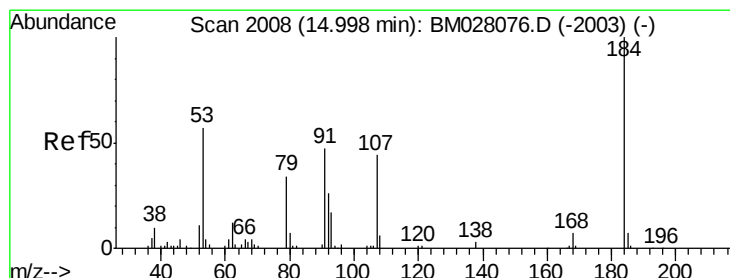
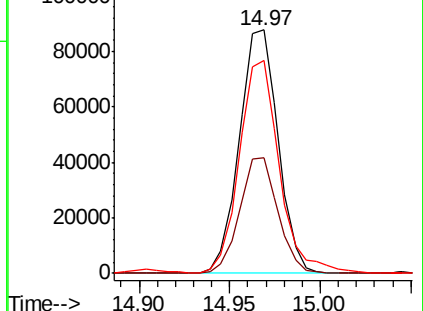
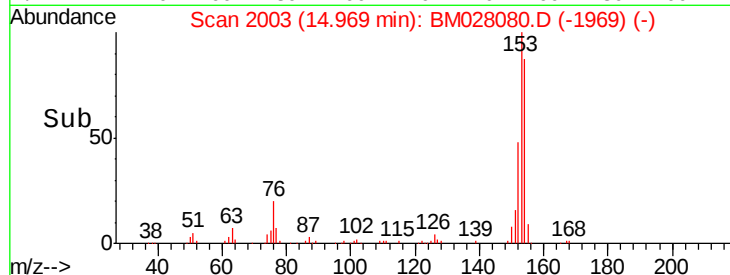
154 87.4 71.4 107.0



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: 1.893 ng/ul

RT: 15.00 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

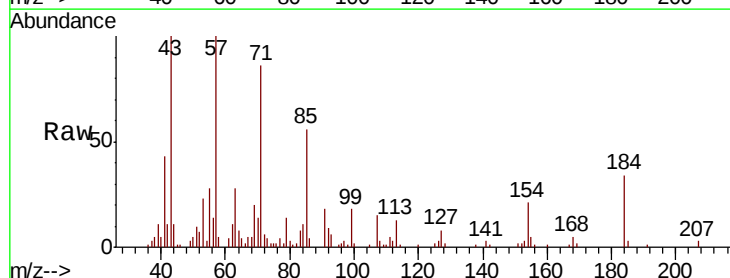
Tgt Ion:184 Resp: 9764

Ion Ratio Lower Upper

184 100

63 81.9 59.9 89.9

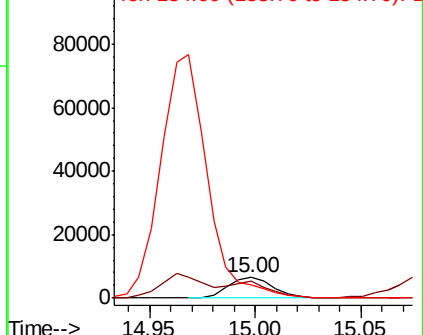
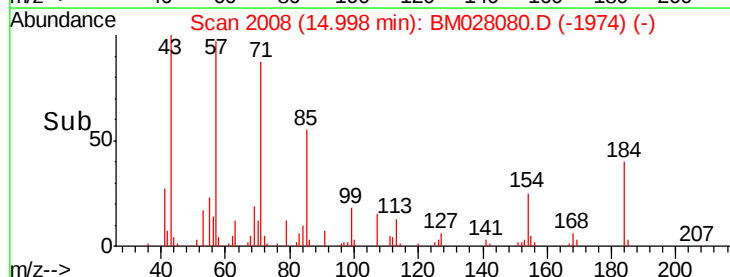
154 63.0 50.8 76.2

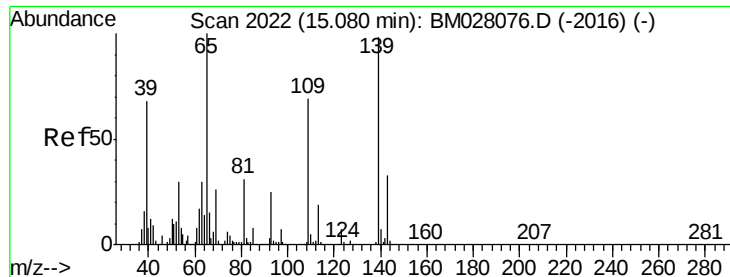


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 3.412 ng/ul

RT: 15.08 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

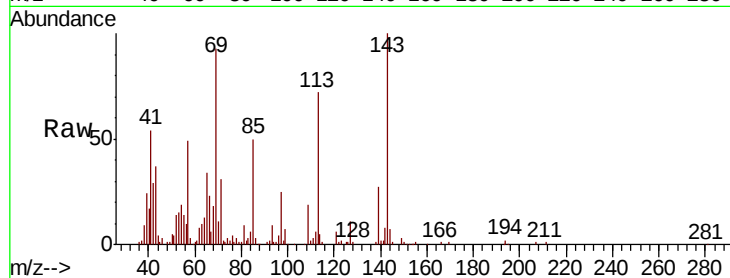
Tot Ion:109 Resp: 21569

Ion Ratio Lower Upper

109 100

139 143.8 115.3 172.9

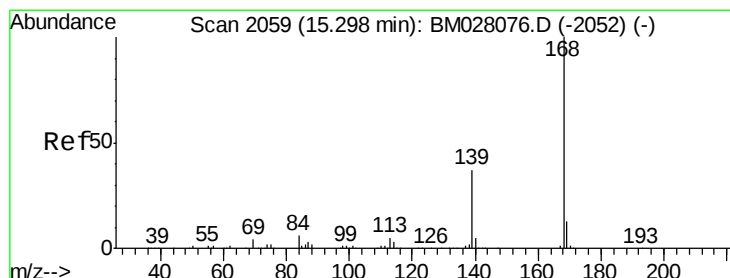
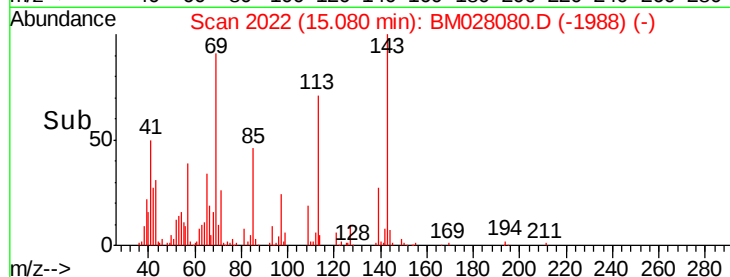
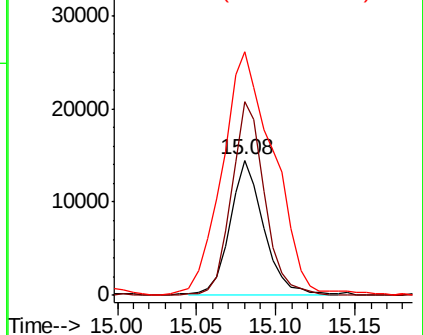
65 180.4 118.6 177.8#



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: 3.243 ng/ul

RT: 15.30 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BM028080.D

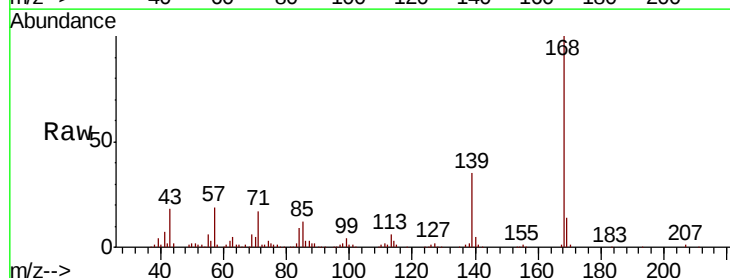
Acq: 08 Dec 2020 19:58

Tgt Ion:168 Resp: 181734

Ion Ratio Lower Upper

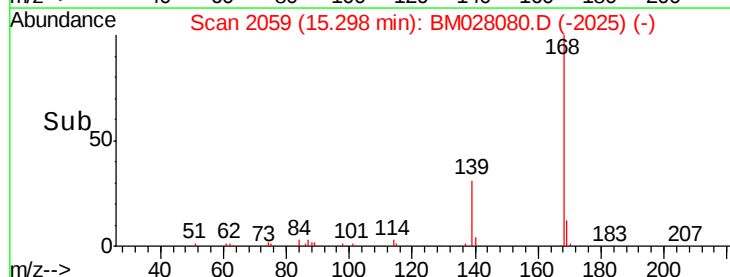
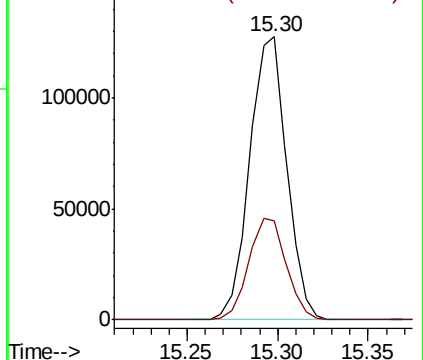
168 100

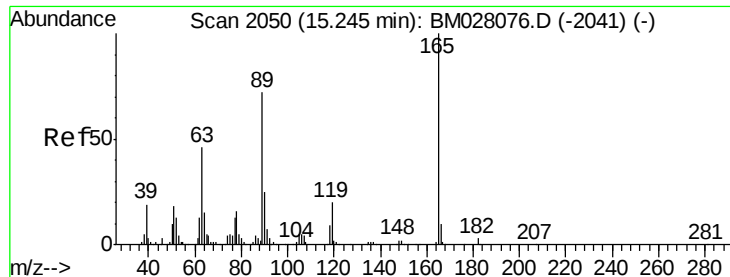
139 35.2 27.9 41.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

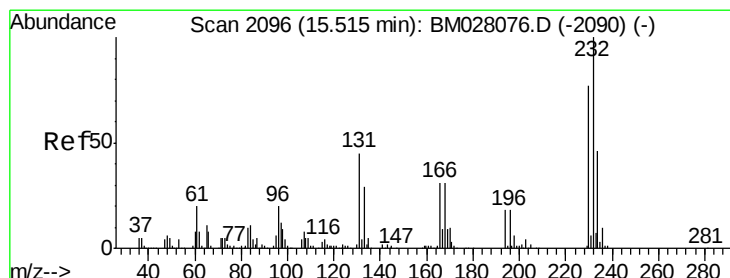
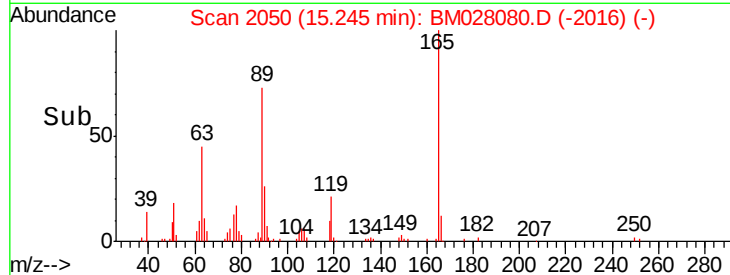
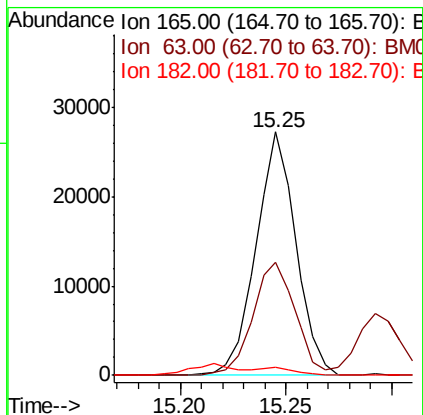
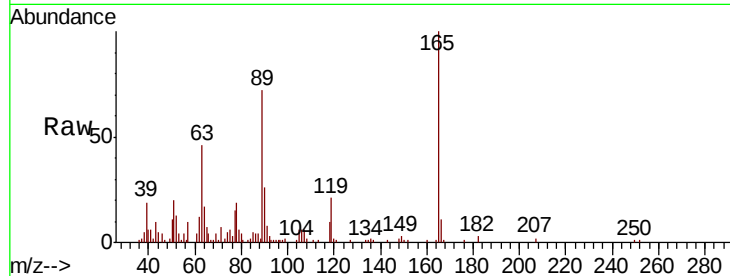




#57
 2,4-Dinitrotoluene
 Concen: 2.846 ng/ul
 RT: 15.25 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

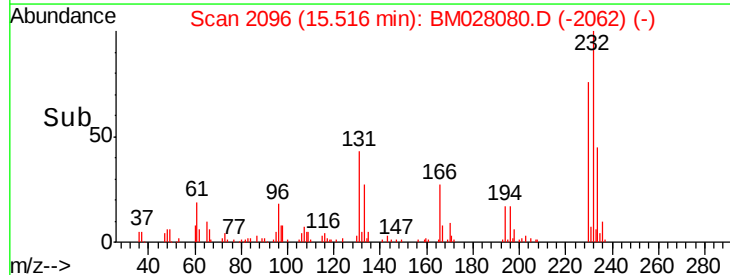
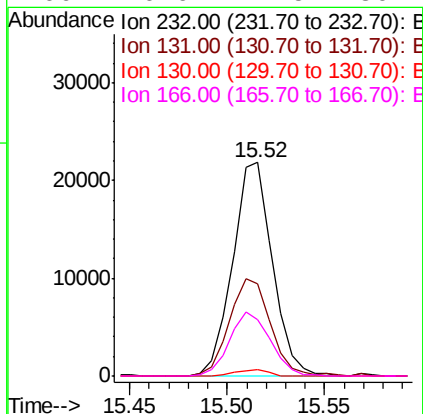
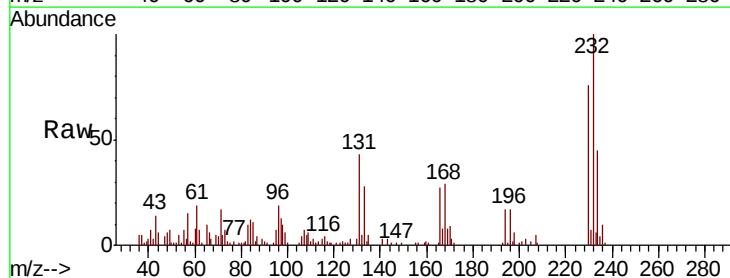
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-07

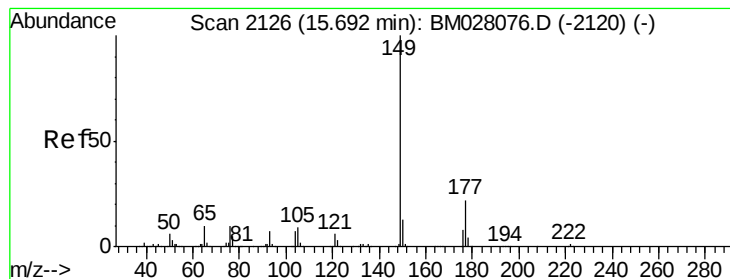
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	37.4	56.0
182	3.3	2.6	4.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.857 ng/ul
 RT: 15.52 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.2	35.5	53.3
130	3.0	1.9	2.9#
166	26.6	24.5	36.7





#59

Diethylphthalate

Concen: 3.183 ng/ul

RT: 15.69 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

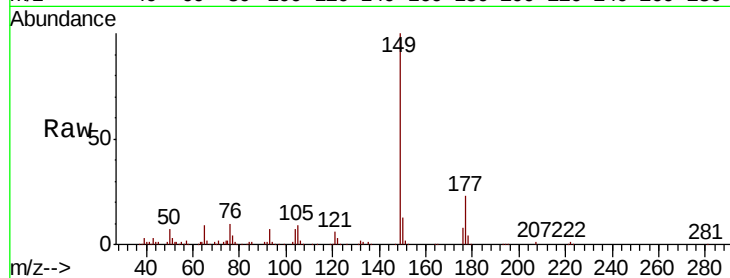
Tot Ion:149 Resp: 151713

Ion Ratio Lower Upper

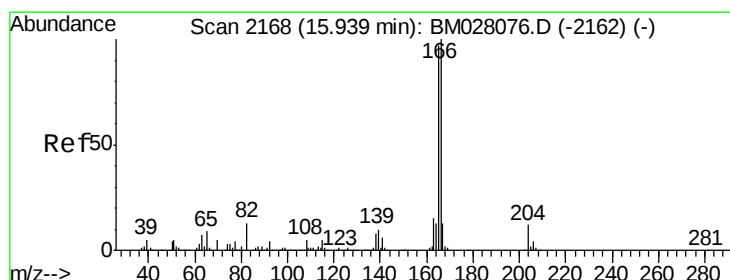
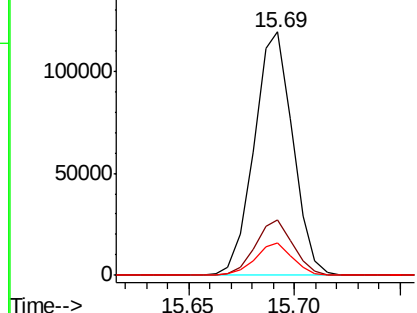
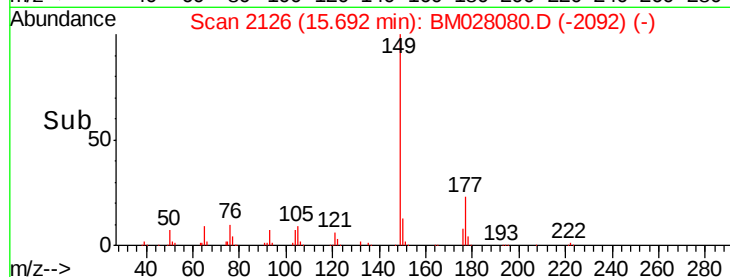
149 100

177 23.0 17.4 26.0

150 13.4 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: 3.250 ng/ul

RT: 15.94 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

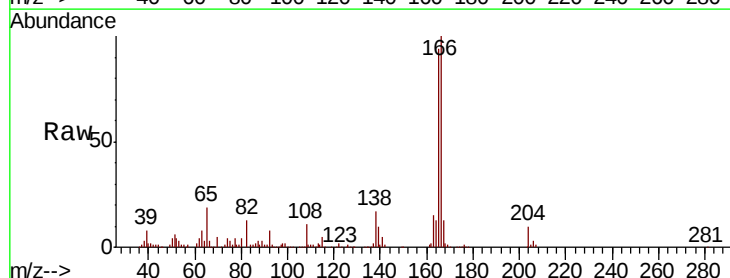
Tgt Ion:166 Resp: 151592

Ion Ratio Lower Upper

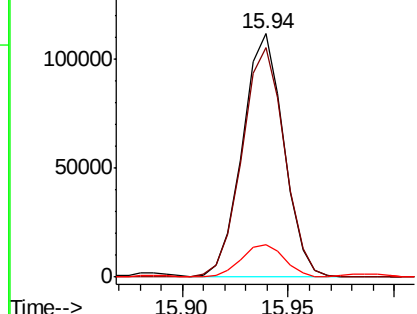
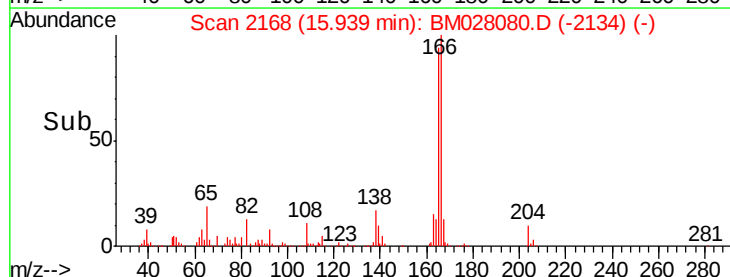
166 100

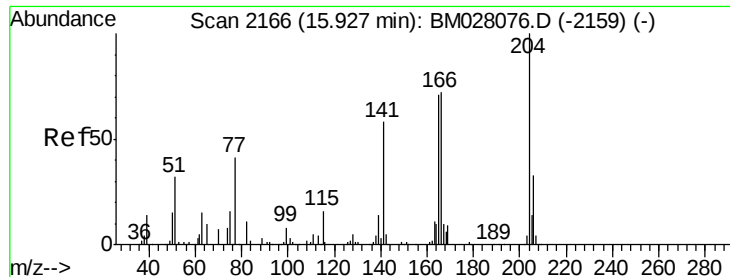
165 94.2 77.0 115.4

167 13.2 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

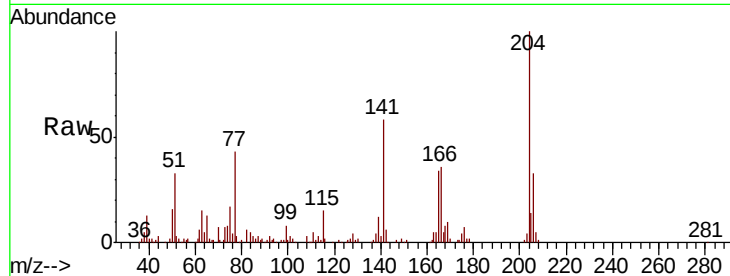




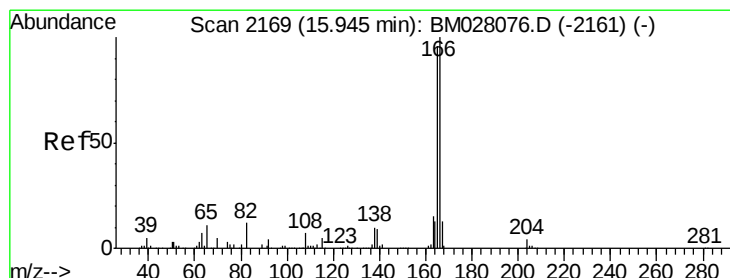
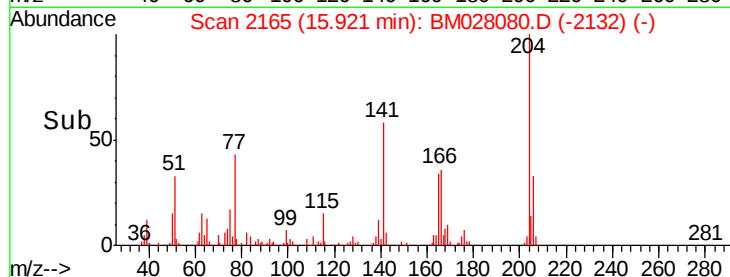
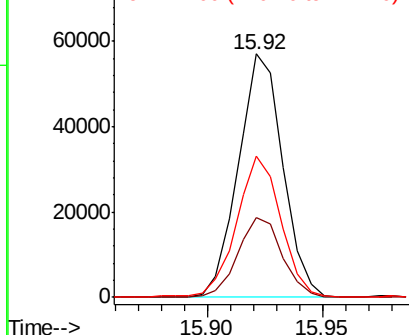
#62
4-Chlorophenyl-phenylether
Concen: 3.330 ng/ul
RT: 15.92 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tot Ion:204 Resp: 76552
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 57.9 47.0 70.4

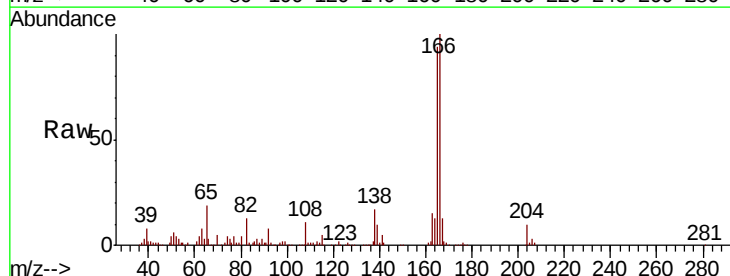


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

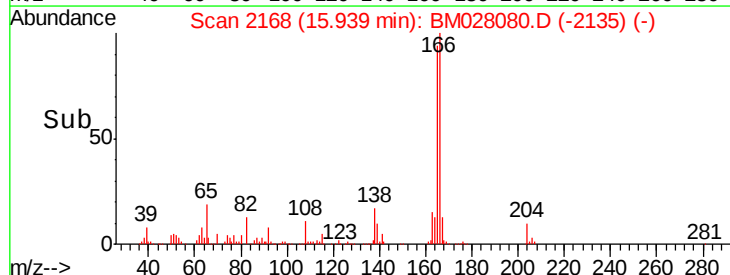
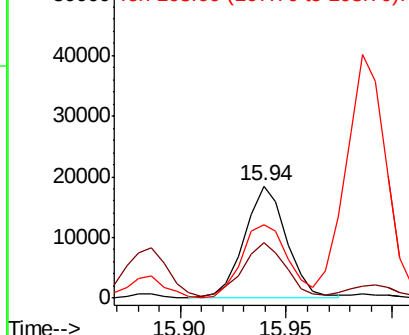


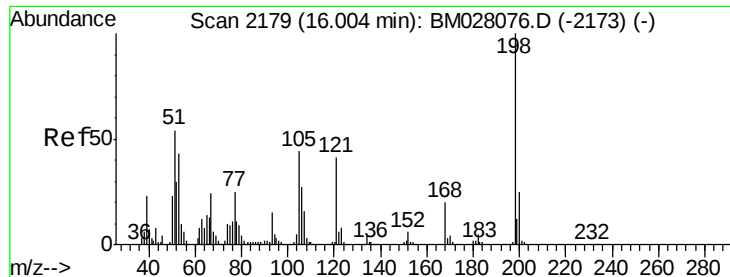
#63
4-Nitroaniline
Concen: 3.717 ng/ul
RT: 15.94 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion:138 Resp: 25771
Ion Ratio Lower Upper
138 100
92 49.2 40.6 60.8
108 65.8 55.8 83.6



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

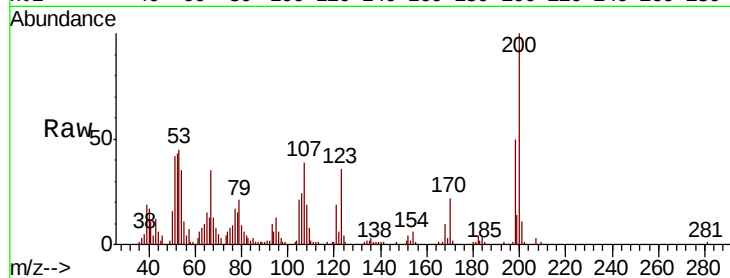




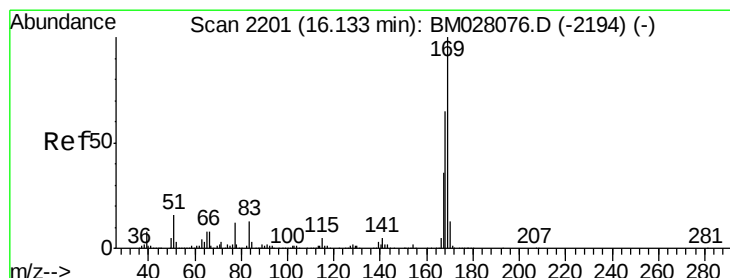
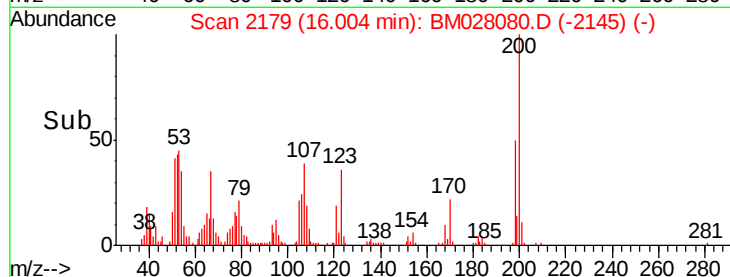
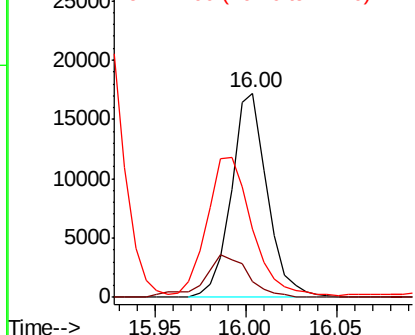
#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.065 ng/ul
 RT: 16.00 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-07

Tot Ion:198 Resp: 23834
 Ion Ratio Lower Upper
 198 100
 182 7.7 3.6 5.4#
 77 33.7 20.5 30.7#

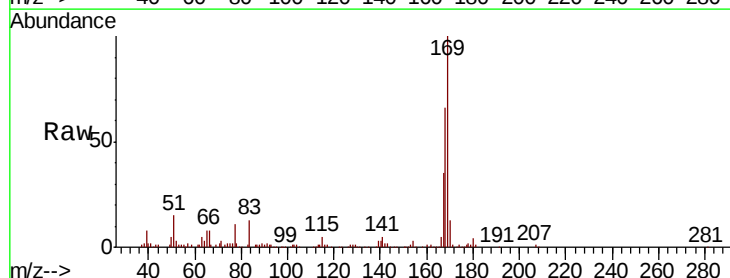


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BMC

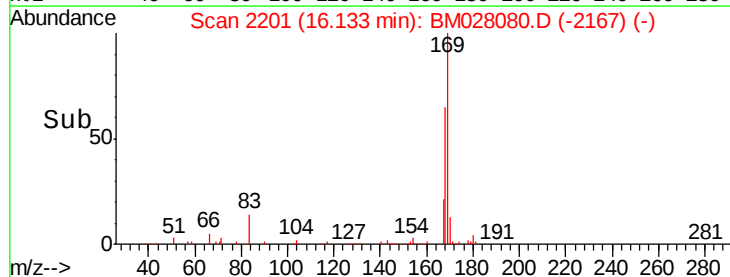
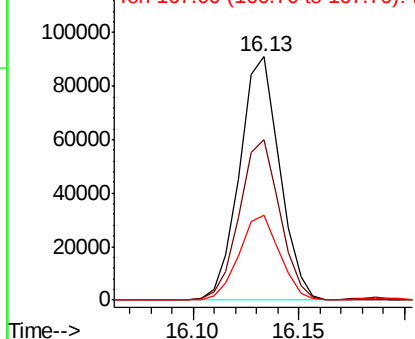


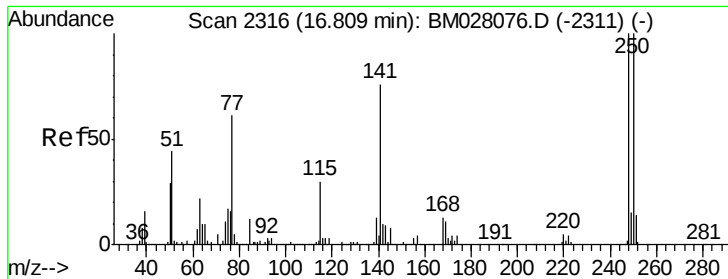
#67
 N-Nitrosodiphenylamine
 Concen: 3.119 ng/ul
 RT: 16.13 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

Tgt Ion:169 Resp: 120214
 Ion Ratio Lower Upper
 169 100
 168 65.9 51.8 77.6
 167 35.0 27.7 41.5



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

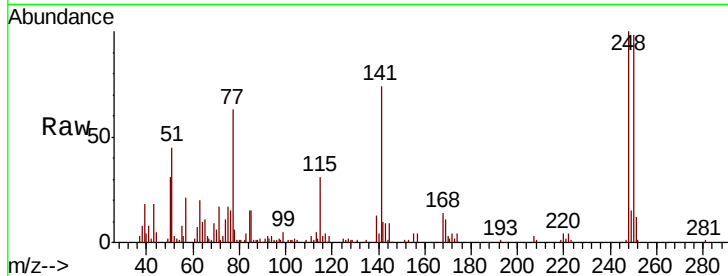




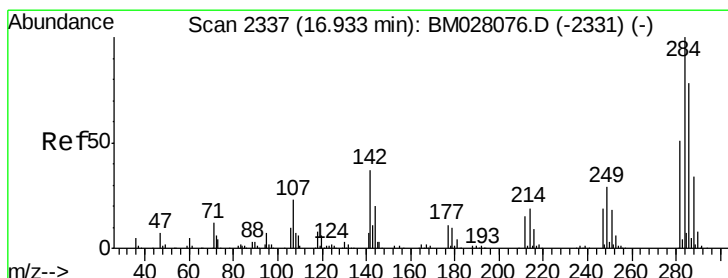
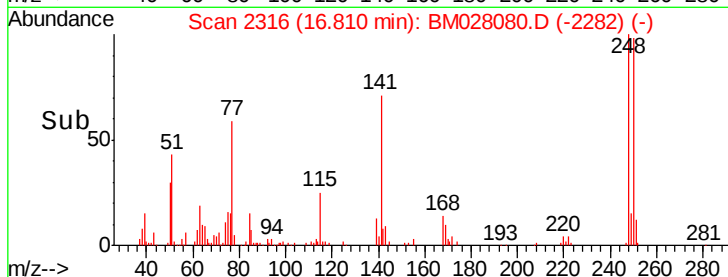
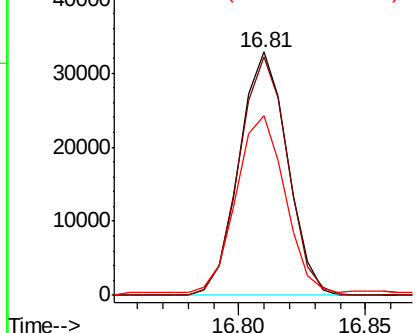
#68
4-Bromophenyl-phenylether
Concen: 3.165 ng/ul
RT: 16.81 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tot Ion:248 Resp: 43601
Ion Ratio Lower Upper
248 100
250 98.0 76.1 114.1
141 73.9 60.2 90.2

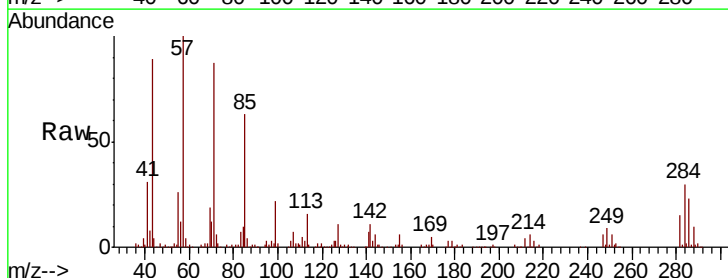


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

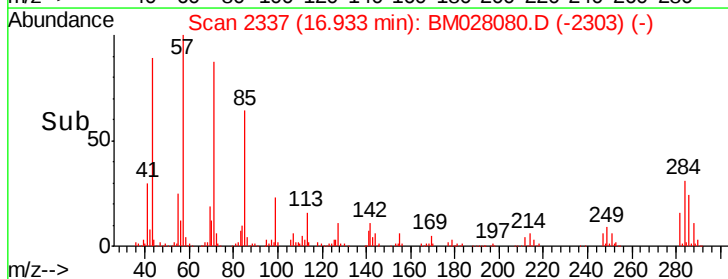
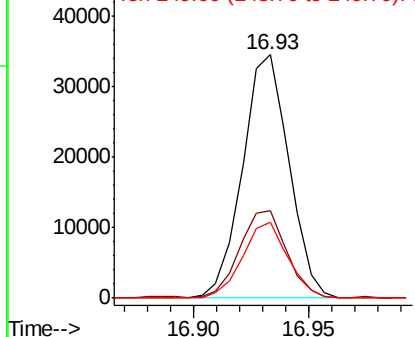


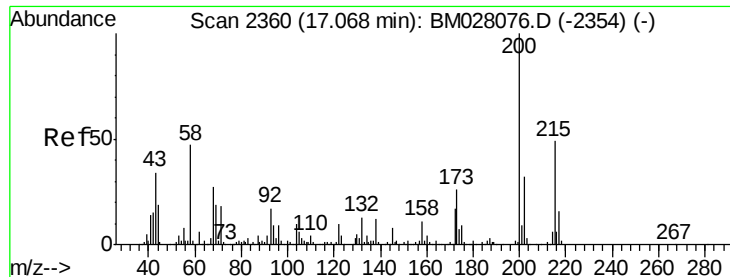
#69
Hexachlorobenzene
Concen: 3.091 ng/ul
RT: 16.93 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion:284 Resp: 48559
Ion Ratio Lower Upper
284 100
142 36.0 29.0 43.4
249 31.0 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: 2.961 ng/ul

RT: 17.06 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

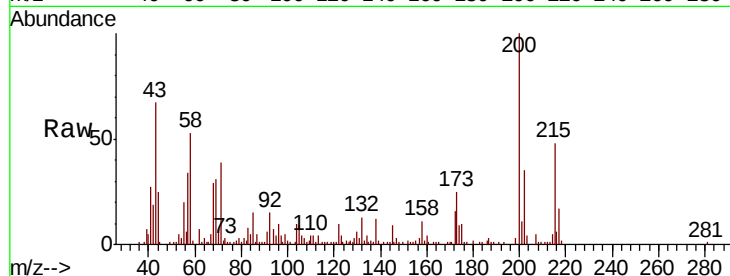
Tot Ion:200 Resp: 40931

Ion Ratio Lower Upper

200 100

173 24.7 21.4 32.2

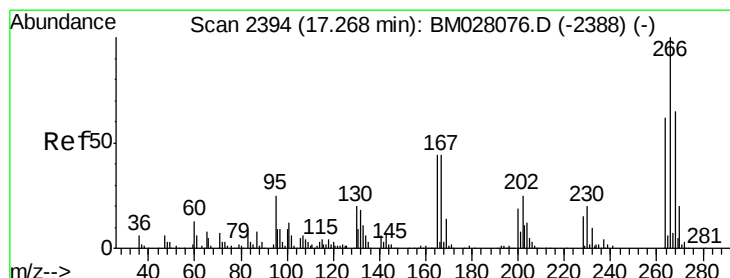
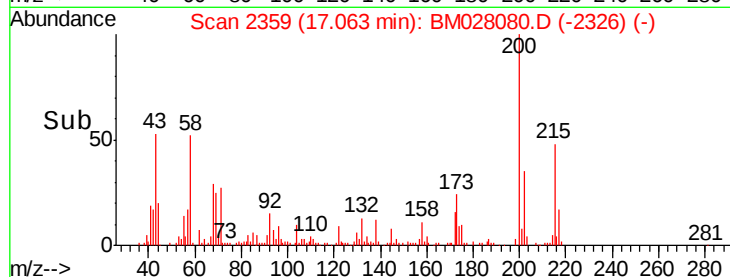
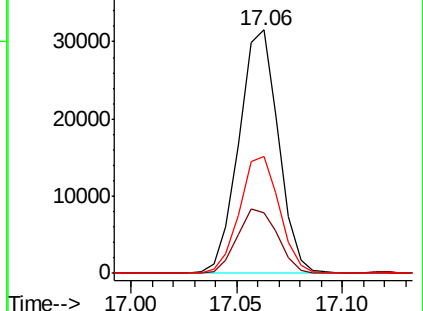
215 48.1 38.6 58.0



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: 2.429 ng/ul

RT: 17.27 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

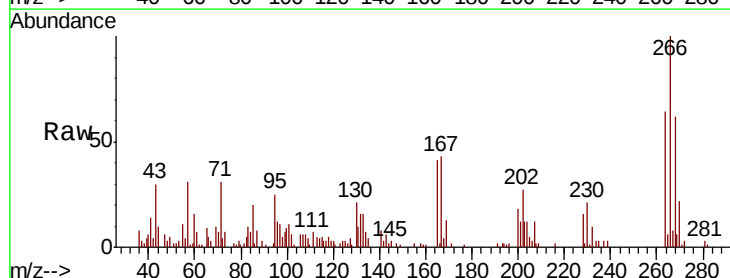
Tgt Ion:266 Resp: 22035

Ion Ratio Lower Upper

266 100

264 64.0 48.9 73.3

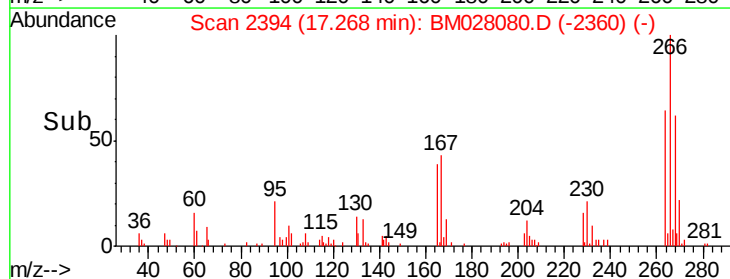
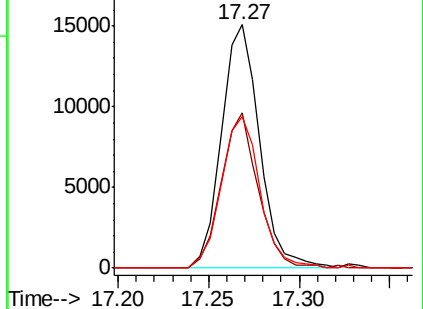
268 62.0 51.4 77.2

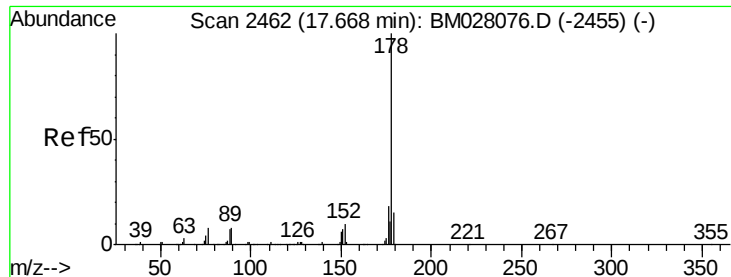


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

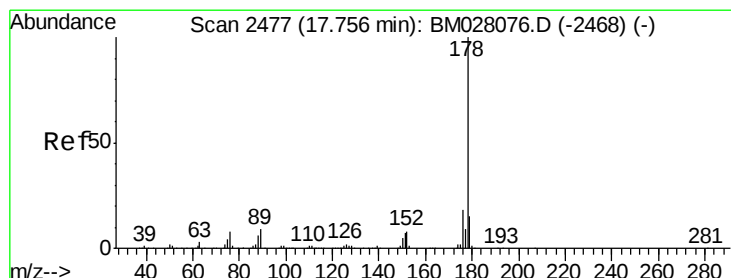
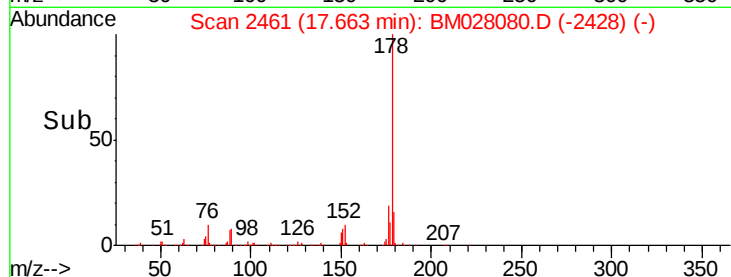
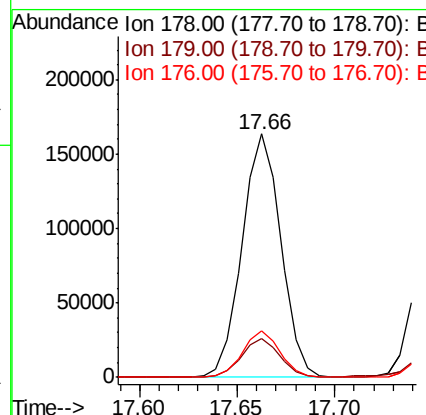
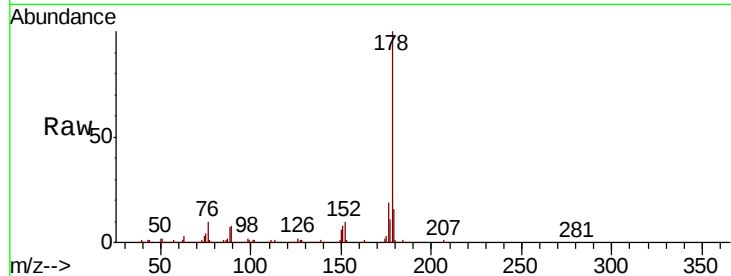




#72
Phenanthrene
Concen: 3.093 ng/ul
RT: 17.66 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

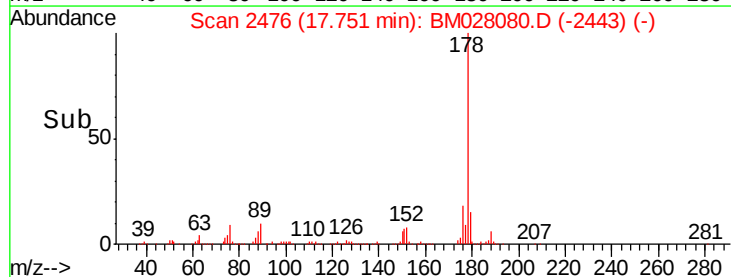
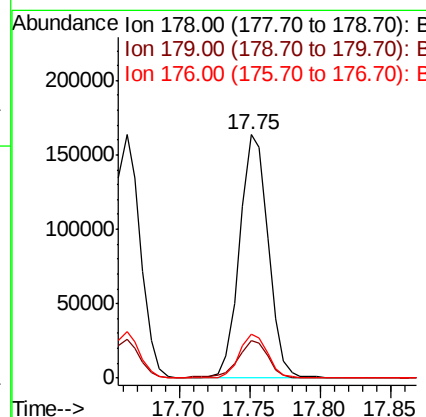
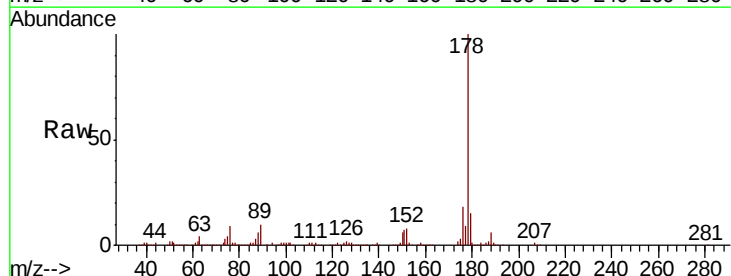
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

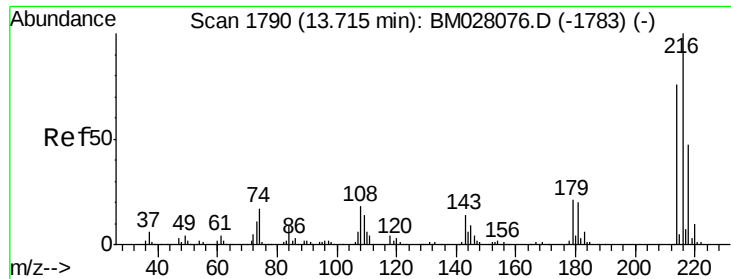
Tot Ion:178 Resp: 223486
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.1 14.6 21.8



#74
Anthracene
Concen: 3.131 ng/ul
RT: 17.75 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion:178 Resp: 230580
Ion Ratio Lower Upper
178 100
179 15.2 11.8 17.8
176 18.0 13.9 20.9

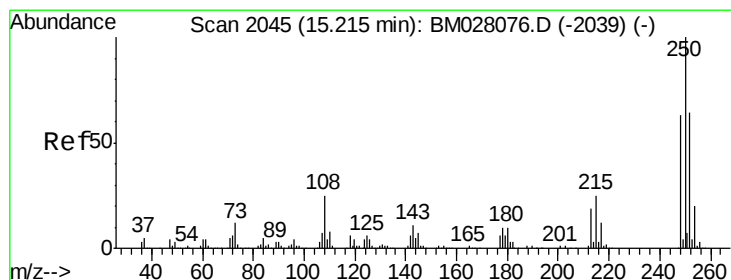
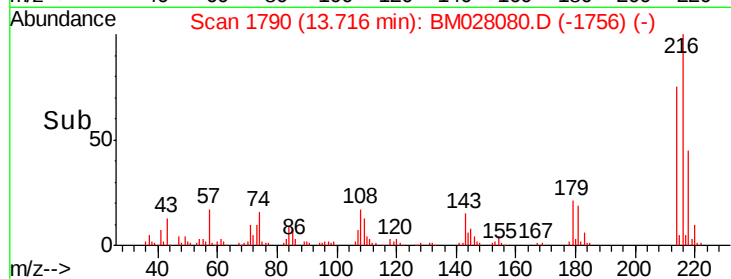
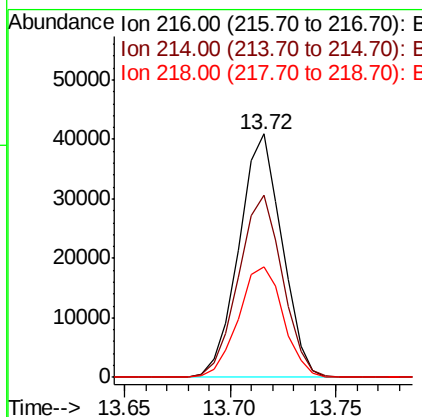
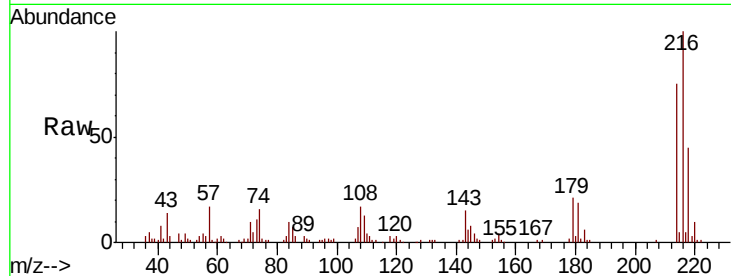




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.077 ng/uL
 RT: 13.72 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

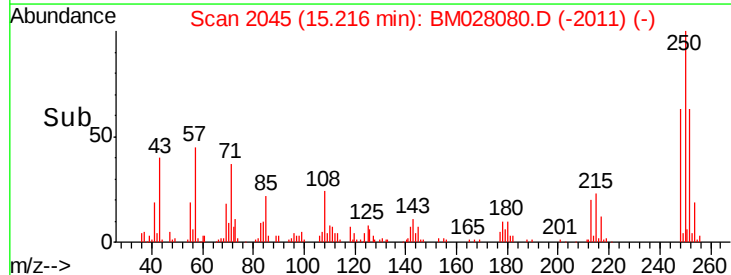
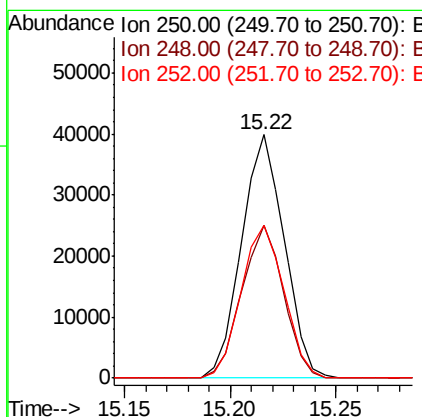
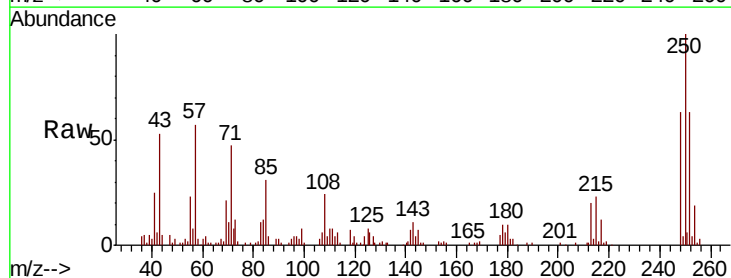
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-07

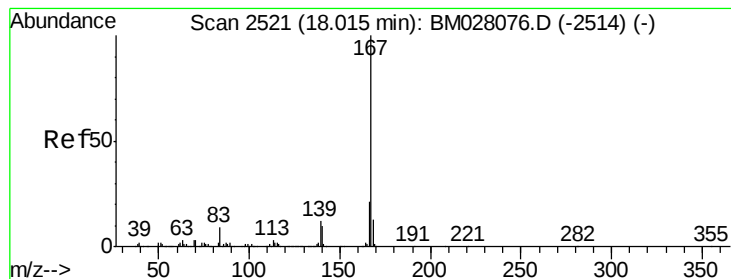
Tot Ion:216 Resp: 57888
 Ion Ratio Lower Upper
 216 100
 214 74.7 62.9 94.3
 218 45.1 38.6 57.8



#76
 Pentachlorobenzene
 Concen: 2.988 ng/uL
 RT: 15.22 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BM028080.D
 Acq: 08 Dec 2020 19:58

Tgt Ion:250 Resp: 55853
 Ion Ratio Lower Upper
 250 100
 248 62.7 48.9 73.3
 252 62.9 49.4 74.0





#77

Carbazole

Concen: 3.060 ng/ul

RT: 18.01 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

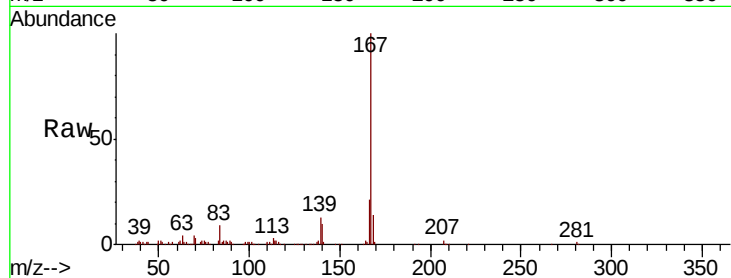
Tot Ion:167 Resp: 191374

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.4

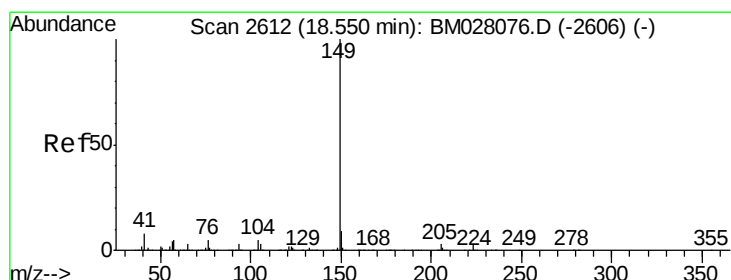
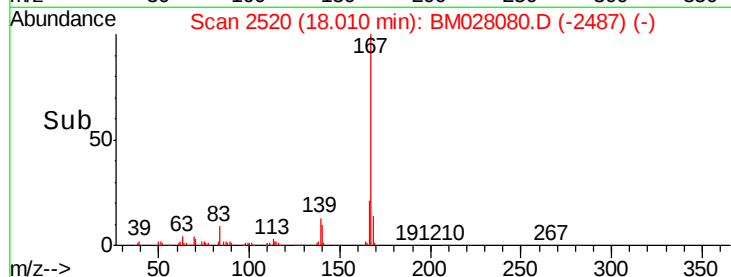
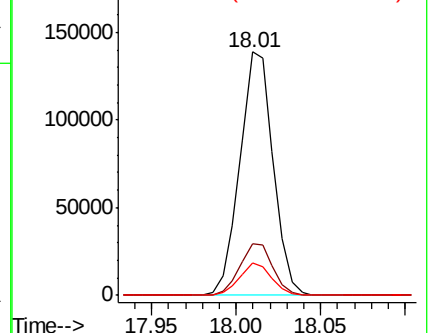
139 13.3 10.3 15.5



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



#78

Di-n-butylphthalate

Concen: 3.159 ng/ul

RT: 18.55 min Scan# 2612

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

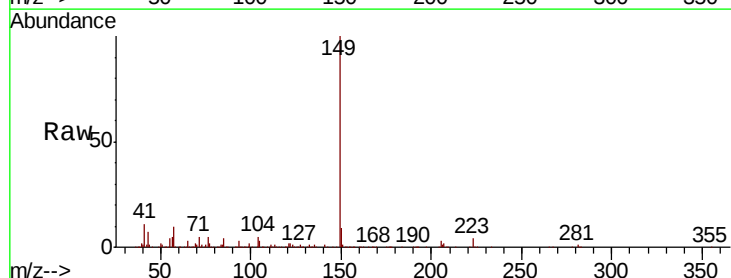
Tgt Ion:149 Resp: 257185

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

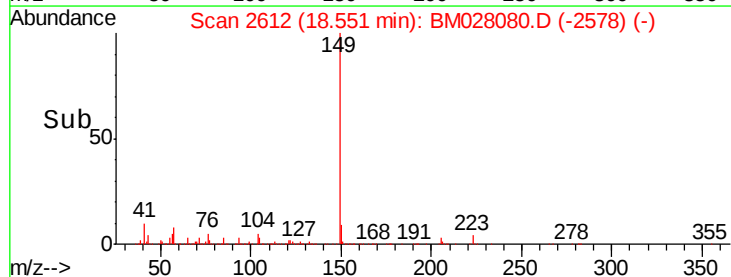
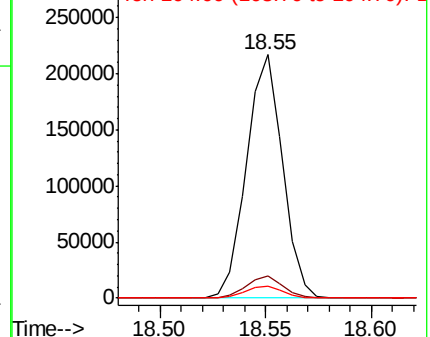
104 4.8 4.1 6.1

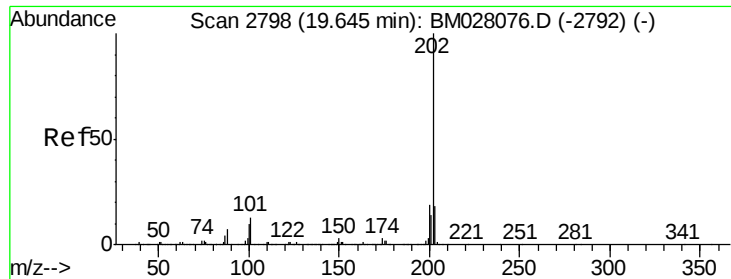


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Fluoranthene

Concen: 3.151 ng/ul

RT: 19.64 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

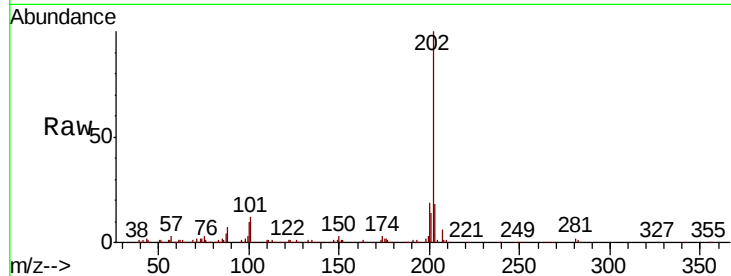
Tot Ion:202 Resp: 254777

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

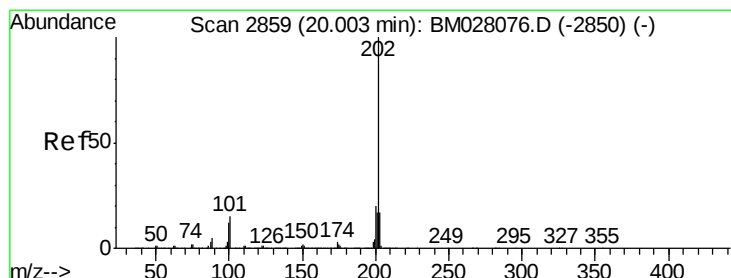
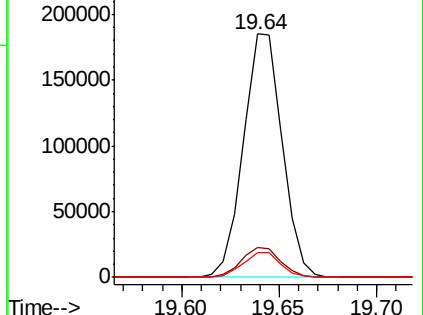
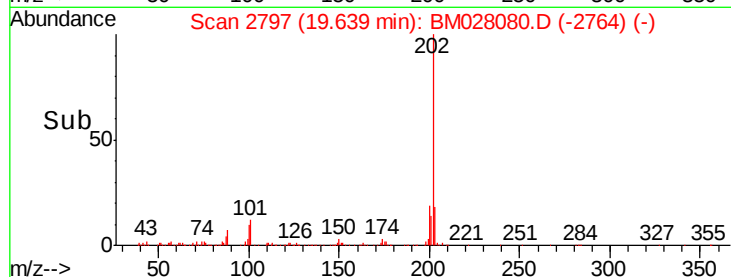
100 10.2 7.7 11.5



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: 3.131 ng/ul

RT: 20.00 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

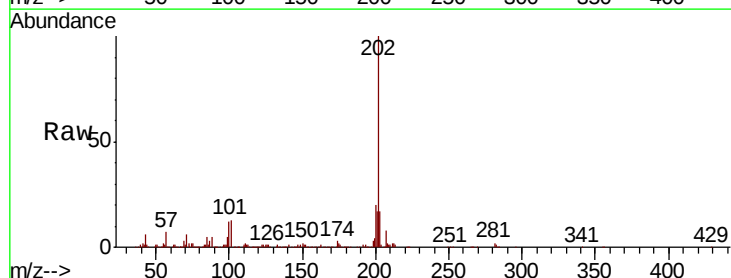
Tgt Ion:202 Resp: 262257

Ion Ratio Lower Upper

202 100

101 12.9 11.8 17.6

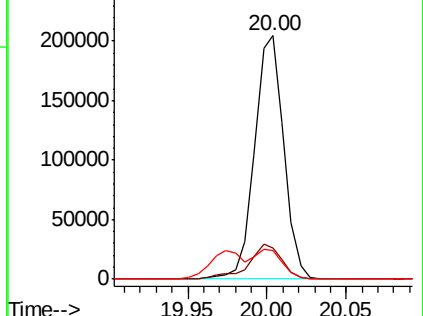
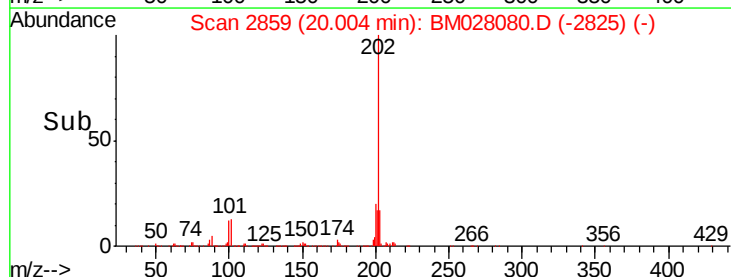
100 11.9 9.8 14.8

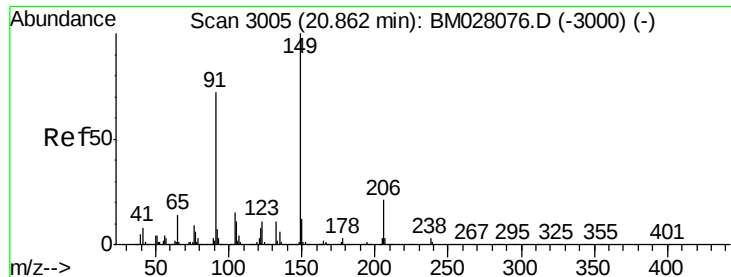


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

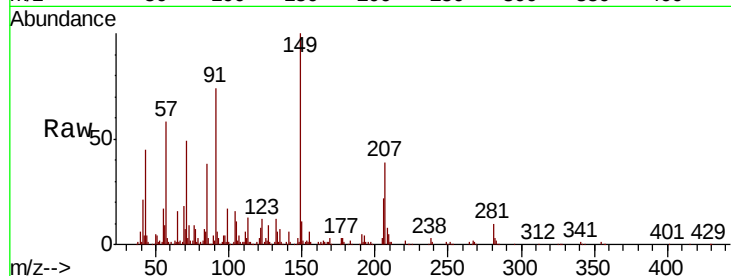




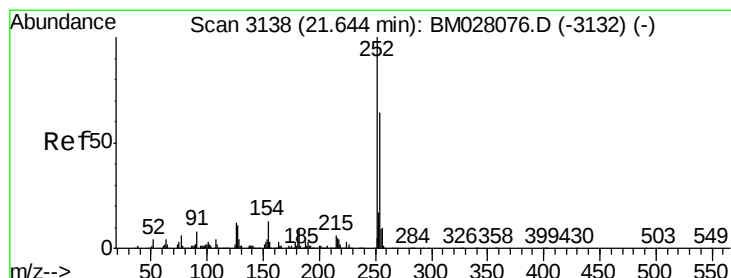
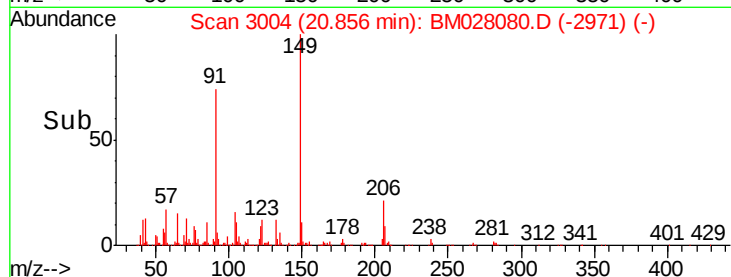
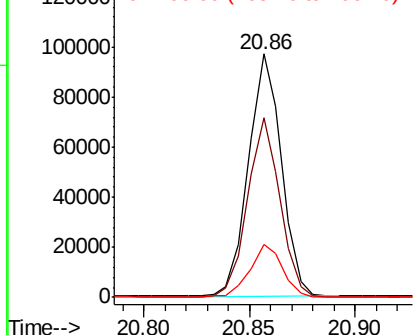
#83
Butylbenzylphthalate
Concen: 2.995 ng/ul
RT: 20.86 min Scan# 3004
Delta R.T. -0.01 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tot Ion:149 Resp: 105397
Ion Ratio Lower Upper
149 100
91 74.0 55.7 83.5
206 21.6 16.1 24.1

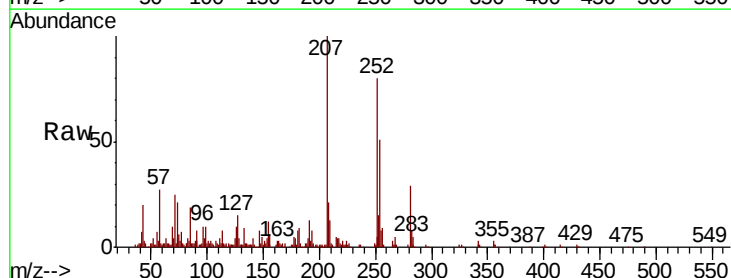


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

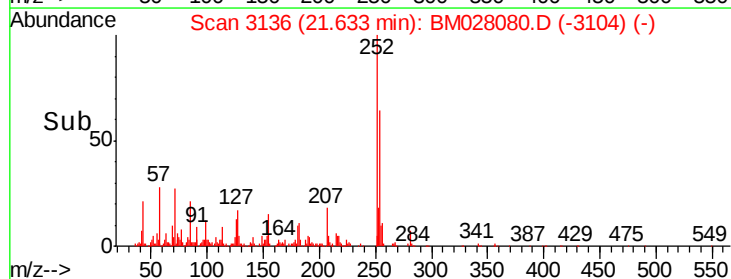
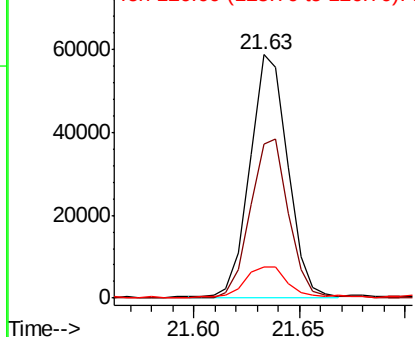


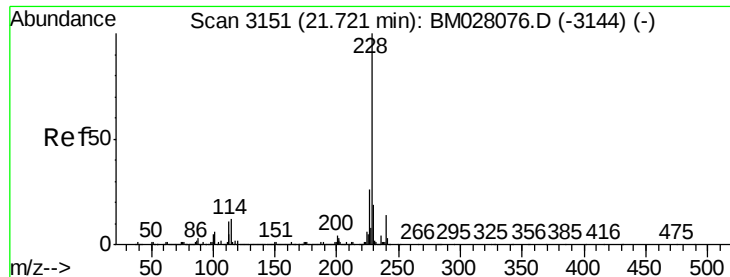
#84
3,3'-Dichlorobenzidine
Concen: 2.821 ng/ul
RT: 21.63 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BM028080.D
Acq: 08 Dec 2020 19:58

Tgt Ion:252 Resp: 72869
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 13.0 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: 3.113 ng/ul

RT: 21.72 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

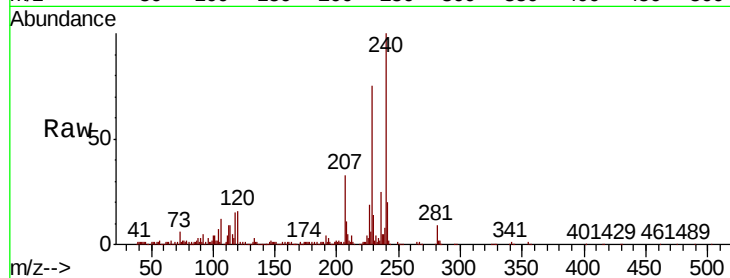
Tot Ion:228 Resp: 242529

Ion Ratio Lower Upper

228 100

229 19.2 15.0 22.4

226 25.8 20.9 31.3

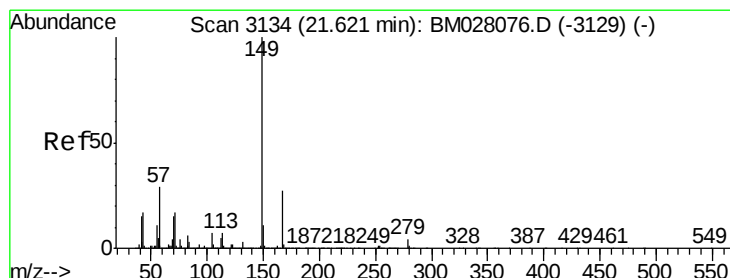
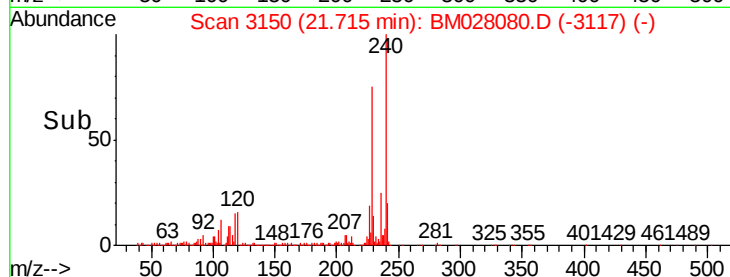
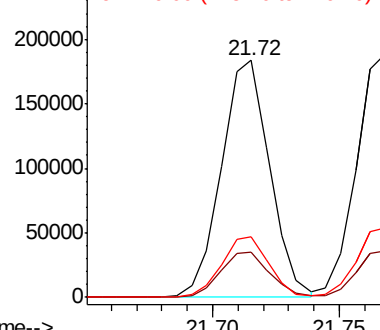


Abundance

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: 2.896 ng/ul

RT: 21.61 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

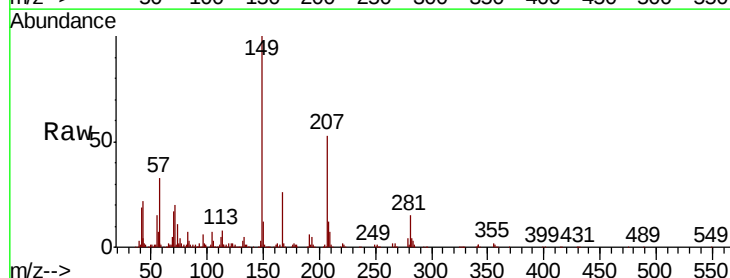
Tgt Ion:149 Resp: 156043

Ion Ratio Lower Upper

149 100

167 26.3 20.7 31.1

279 3.8 3.0 4.6

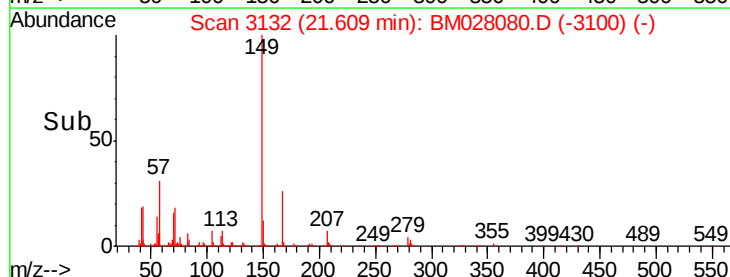
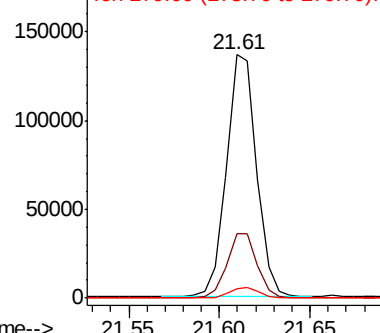


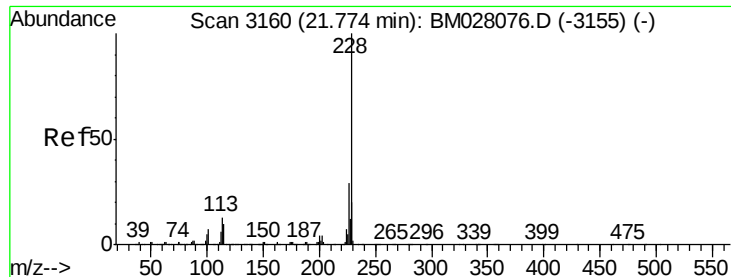
Abundance

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: 3.127 ng/ul

RT: 21.77 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

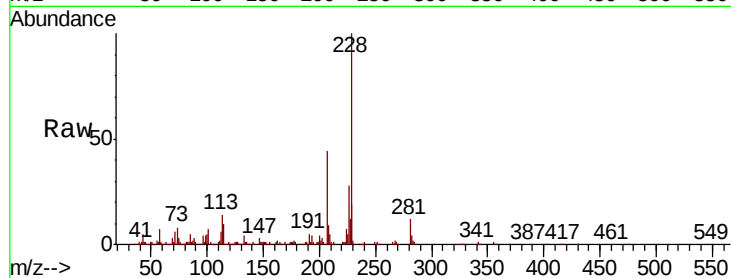
Tot Ion:228 Resp: 238859

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.4

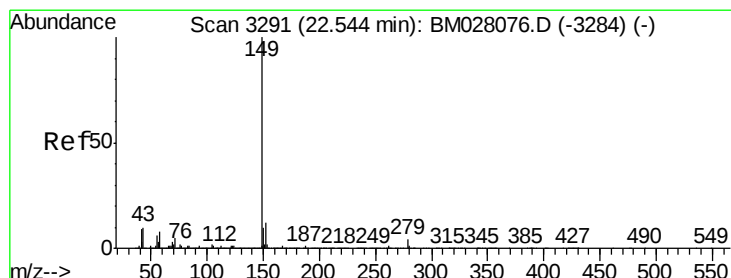
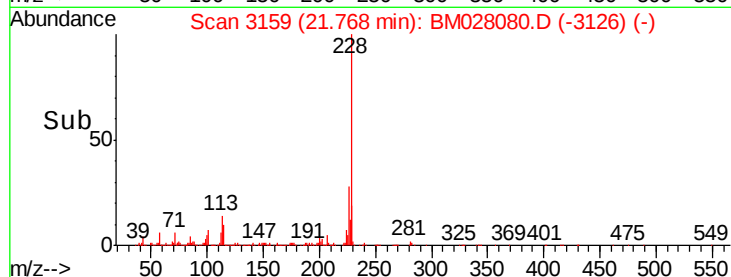
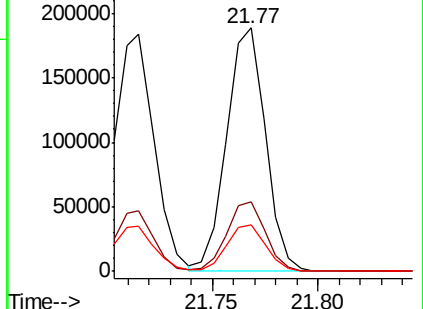
229 19.0 15.5 23.3



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: 2.779 ng/ul

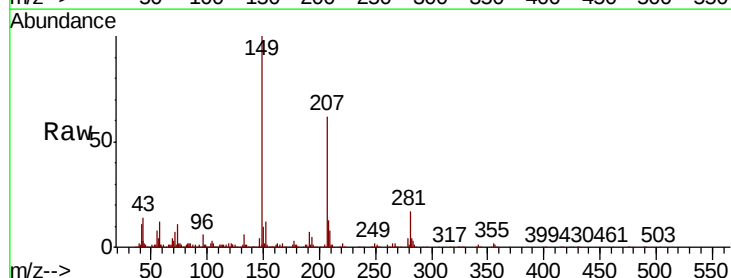
RT: 22.53 min Scan# 3289

Delta R.T. -0.01 min

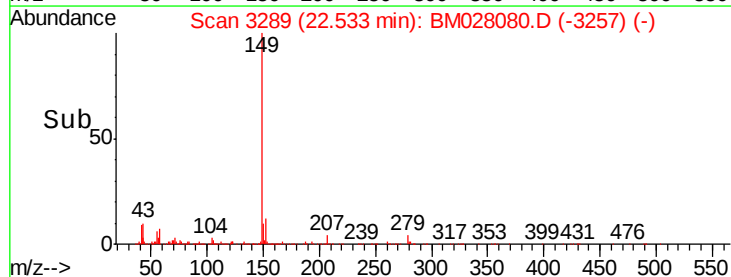
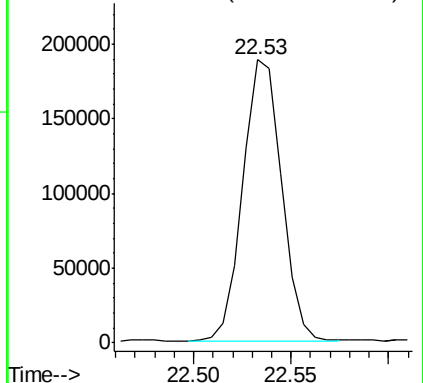
Lab File: BM028080.D

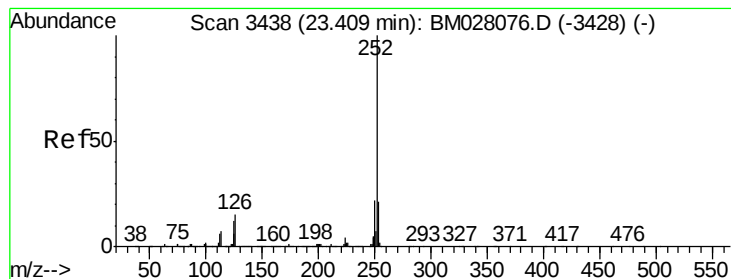
Acq: 08 Dec 2020 19:58

Tgt Ion:149 Resp: 258542



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 2.995 ng/u1

RT: 23.40 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

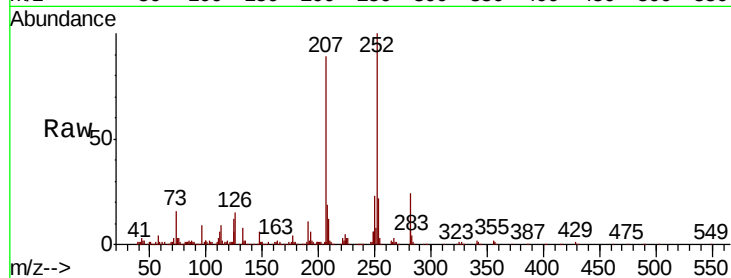
Tot Ion:252 Resp: 239311

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

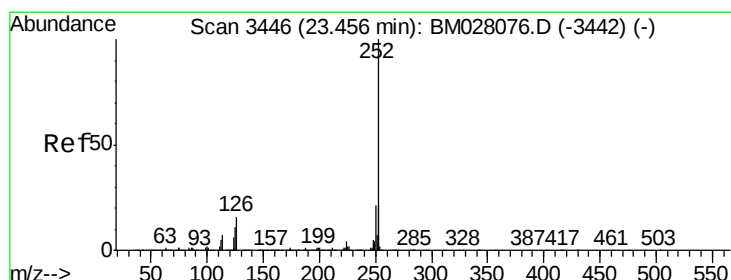
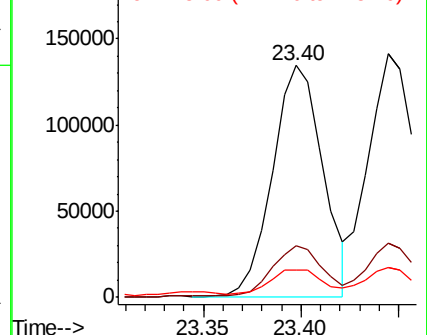
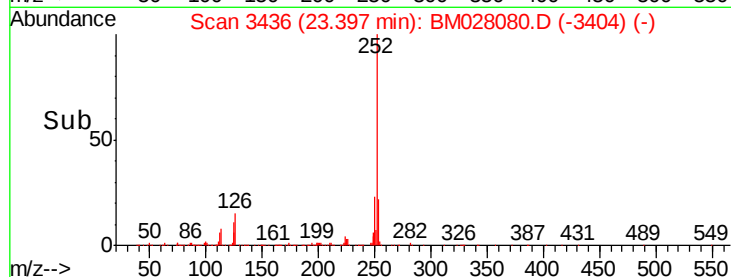
125 12.0 10.2 15.4



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: 3.065 ng/u1

RT: 23.44 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

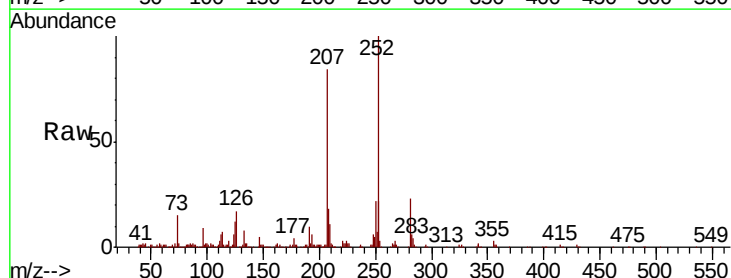
Tgt Ion:252 Resp: 236745

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

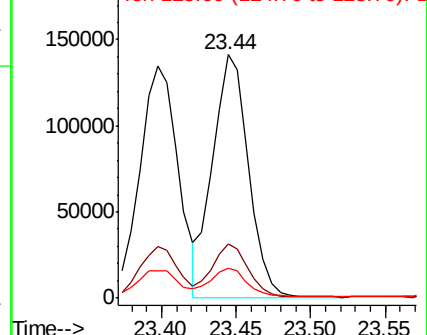
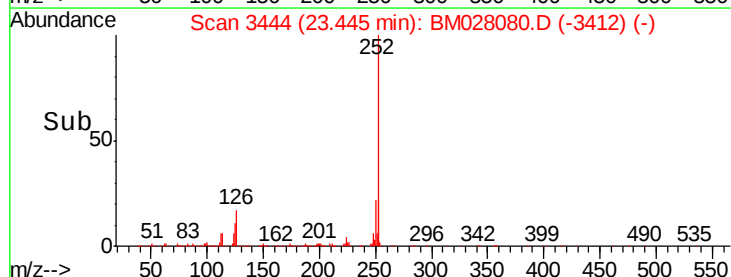
125 12.1 9.3 13.9

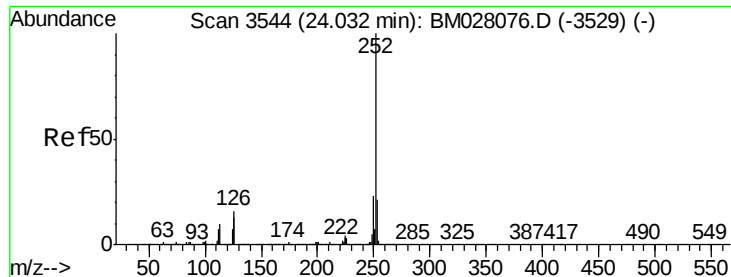


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 2.993 ng/ul

RT: 24.03 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-07

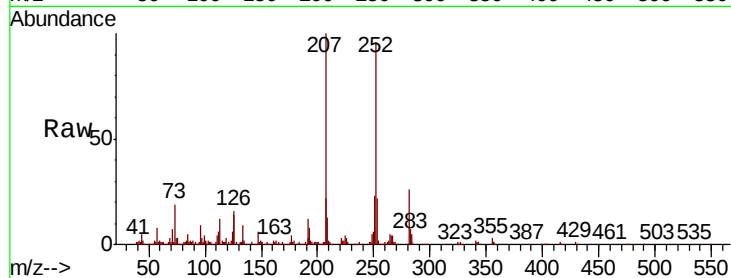
Tot Ion:252 Resp: 214004

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 14.5 10.3 15.5

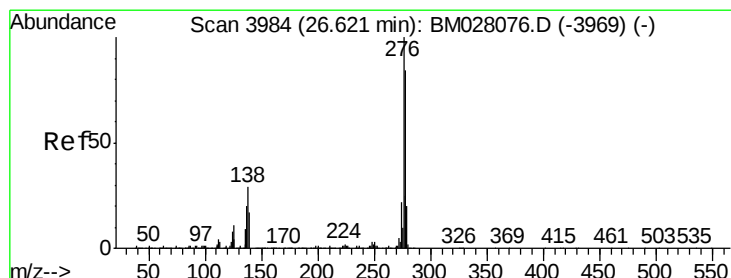
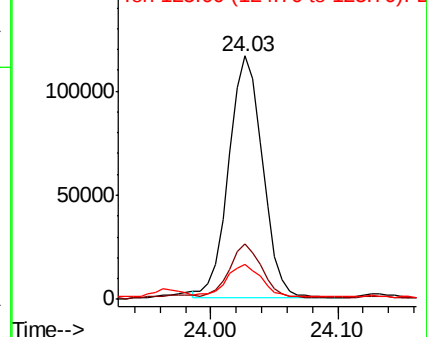
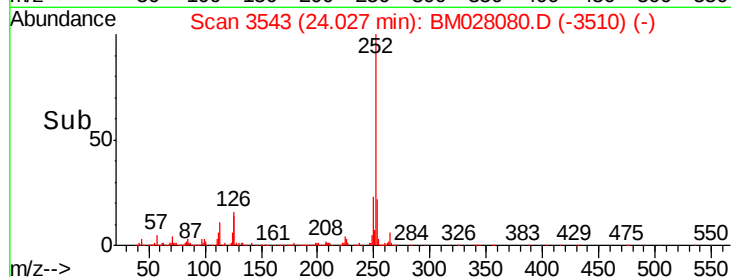


Abundance

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: 2.986 ng/ul

RT: 26.60 min Scan# 3981

Delta R.T. -0.02 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

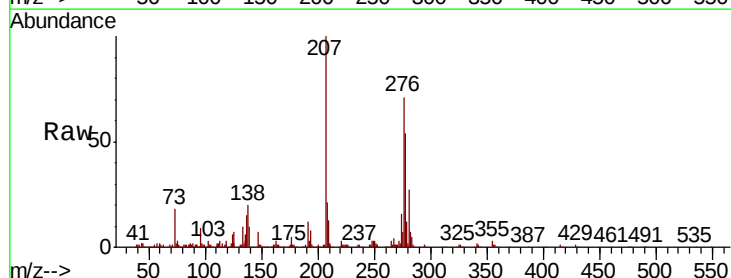
Tgt Ion:276 Resp: 254386

Ion Ratio Lower Upper

276 100

138 28.6 24.0 36.0

277 24.4 20.0 30.0

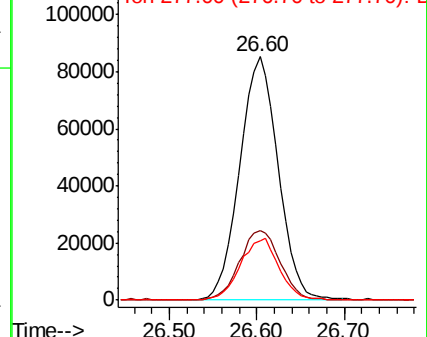
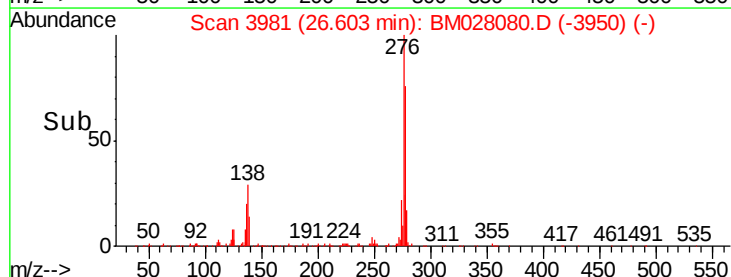


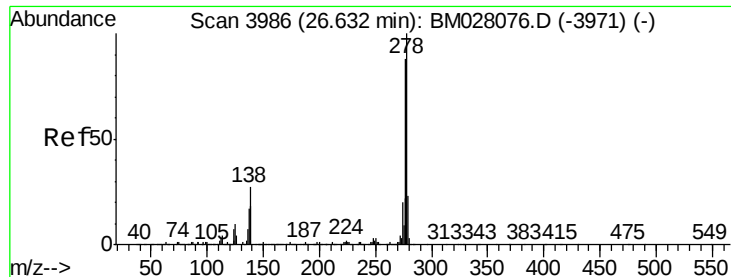
Abundance

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: 2.981 ng/ul

RT: 26.61 min Scan# 3983

Delta R.T. -0.02 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Instrument :

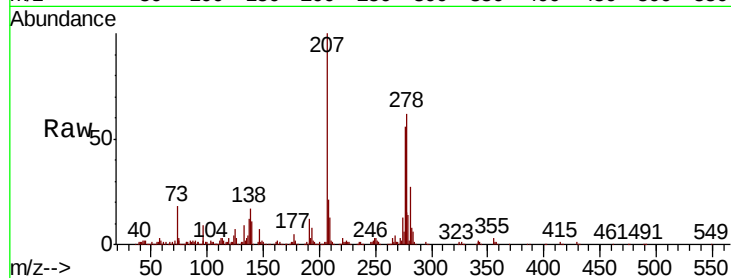
BNA_M

ClientSampleId :

MDL-SOIL-07

Tot Ion:278 Resp: 215937

Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.0	22.6
279	23.2	18.6	27.8

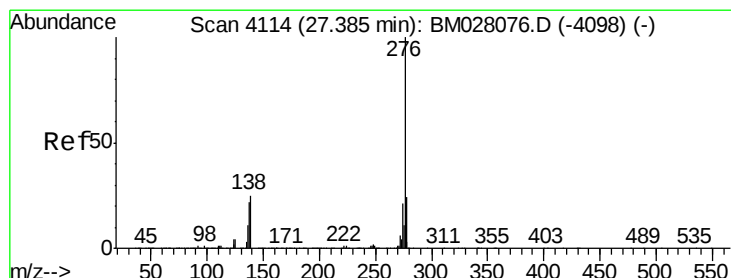
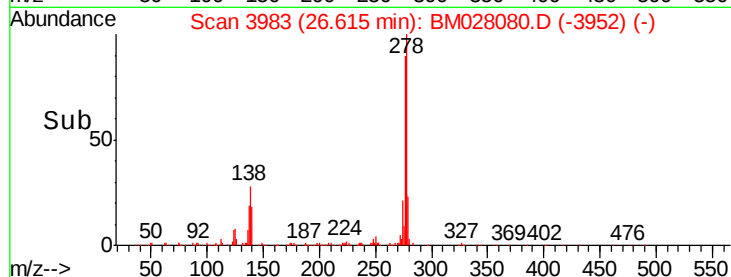
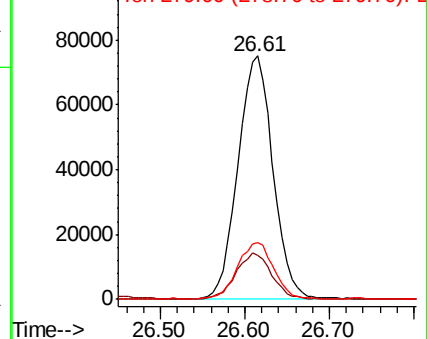


Abundance

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: 2.993 ng/ul

RT: 27.37 min Scan# 4111

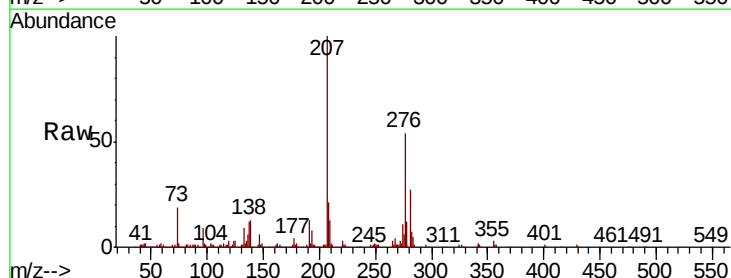
Delta R.T. -0.02 min

Lab File: BM028080.D

Acq: 08 Dec 2020 19:58

Tgt Ion:276 Resp: 213799

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.6	31.0
277	21.9	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

