

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
 Data File : BM028023.D
 Acq On : 04 Dec 2020 10:38
 Operator : JU/CG
 Sample : L4485-01
 Misc : MDL-SOIL--01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-01

Quant Time: Dec 04 11:30:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 11:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	207385	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	819711	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	451065	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	888752	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	867220	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	914013	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	25048	4.51	ng/uL	0.00
4) Pyridine-d5	3.93	84	345137	23.04	ng/ul	0.00
7) Phenol-d5	7.42	99	566786	32.83	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	362355	33.77	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	480573	33.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	461749	33.91	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	220495	34.65	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	225461	35.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	419253	32.51	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	597612	33.87	ng/ul	0.00
46) Dimethylphthalate-d6	14.31	166	1131846	33.92	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1509720	35.24	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	198260	30.80	ng/ul	0.00
60) Fluorene-d10	15.89	176	977301	32.67	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	149994	29.08	ng/ul	0.00
73) Anthracene-d10	17.73	188	1429553	32.81	ng/ul	0.00
81) Pyrene-d10	19.98	212	1514913	33.28	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1518530	31.21	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.52	88	4850	0.849 ng/uL	88
5) Pyridine	3.96	79	50341	3.349 ng/ul#	68
6) Benzaldehyde	7.41	77	39488	5.533 ng/ul	97
8) Phenol	7.45	94	55741	3.164 ng/ul	96
10) Bis(2-Chloroethyl)ether	7.69	93	49498	3.412 ng/ul	97
12) 2-Chlorophenol	7.85	128	46811	3.162 ng/ul	99
13) 2-Methylphenol	8.73	108	39574	3.001 ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.82	45	77538	3.322 ng/ul	98
16) Acetophenone	9.12	105	67177	3.297 ng/ul	98
17) N-Nitroso-di-n-propylamine	9.10	70	31300	3.233 ng/ul	99
18) 4-Methylphenol	9.06	108	44109	3.120 ng/ul	96
19) Hexachloroethane	9.40	117	20078	3.231 ng/ul	95
22) Nitrobenzene	9.51	77	52365	3.335 ng/ul	96
23) Isophorone	10.04	82	79643	3.032 ng/ul	98
25) 2-Nitrophenol	10.23	139	23928	3.327 ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	46591	3.153 ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.52	93	59400	3.294 ng/ul	98
29) 2,4-Dichlorophenol	10.76	162	40349	3.198 ng/ul	93
30) Naphthalene	11.17	128	150763	3.257 ng/ul	98
32) 4-Chloroaniline	11.27	127	58871	3.446 ng/ul	98
33) Hexachlorobutadiene	11.46	225	26824	3.247 ng/ul	98
34) Caprolactam	12.03	113	9049	2.489 ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.37	107	37833	2.989	ng/ul	96
36) 2-Methylnaphthalene	12.76	142	97137	3.192	ng/ul	100
37) 1-Methylnaphthalene	12.98	142	94365	3.225	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	48455	3.156	ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	22545	2.577	ng/ul	98
41) 2,4,6-Trichlorophenol	13.35	196	26262	2.855	ng/ul	95
42) 2,4,5-Trichlorophenol	13.42	196	29400	2.976	ng/ul	99
43) 1,1'-Biphenyl	13.75	154	122321	3.165	ng/ul	97
44) 2-Chloronaphthalene	13.80	162	97917	3.216	ng/ul	99
45) 2-Nitroaniline	13.99	65	20377	2.691	ng/ul	100
47) Dimethylphthalate	14.35	163	111664	3.236	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	17474	2.668	ng/ul	89
50) Acenaphthylene	14.64	152	142418	3.208	ng/ul	99
51) 3-Nitroaniline	14.80	138	19011	2.924	ng/ul	95
52) Acenaphthene	14.97	153	100784	3.163	ng/ul	96
53) 2,4-Dinitrophenol	15.00	184	6980	1.852	ng/ul	94
55) 4-Nitrophenol	15.09	109	15178	3.207	ng/ul	91
56) Dibenzofuran	15.30	168	138260	3.204	ng/ul	100
57) 2,4-Dinitrotoluene	15.25	165	25498	2.778	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.52	232	23179	2.921	ng/ul	95
59) Diethylphthalate	15.70	149	105642	3.125	ng/ul	99
61) Fluorene	15.94	166	113016	3.208	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	56090	3.251	ng/ul	99
63) 4-Nitroaniline	15.94	138	19227	3.338	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	16.01	198	17211	3.030	ng/ul#	87
67) N-Nitrosodiphenylamine	16.14	169	88976	3.044	ng/ul	98
68) 4-Bromophenyl-phenylether	16.82	248	31654	3.116	ng/ul	92
69) Hexachlorobenzene	16.94	284	37682	3.216	ng/ul	99
70) Atrazine	17.07	200	28051	2.836	ng/ul	99
71) Pentachlorophenol	17.27	266	16547	2.523	ng/ul	94
72) Phenanthrene	17.67	178	172538	3.193	ng/ul	100
74) Anthracene	17.76	178	176060	3.199	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	47984	3.197	ng/uL	95
76) Pentachlorobenzene	15.22	250	45802	3.184	ng/uL	98
77) Carbazole	18.02	167	141179	3.014	ng/ul	98
78) Di-n-butylphthalate	18.56	149	153715	2.879	ng/ul	98
80) Fluoranthene	19.65	202	182838	3.065	ng/ul	99
82) Pyrene	20.01	202	200398	3.219	ng/ul	99
83) Butylbenzylphthalate	20.86	149	61833	2.767	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	58099	3.023	ng/ul#	97
85) Benzo(a)anthracene	21.72	228	182847	3.176	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	93974	2.780	ng/ul	99
87) Chrysene	21.77	228	185822	3.266	ng/ul	100
89) Di-n-octyl phthalate	22.54	149	162421	2.622	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	186344	3.090	ng/ul	97
91) Benzo(k)fluoranthene	23.45	252	183489	3.153	ng/ul	99
93) Benzo(a)pyrene	24.03	252	177388	3.234	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.61	276	212700	3.158	ng/ul	99
95) Dibenzo(a,h)anthracene	26.62	278	180745	3.175	ng/ul	98
96) Benzo(g,h,i)perylene	27.37	276	176707	3.110	ng/ul	97

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Response via : Initial Calibration

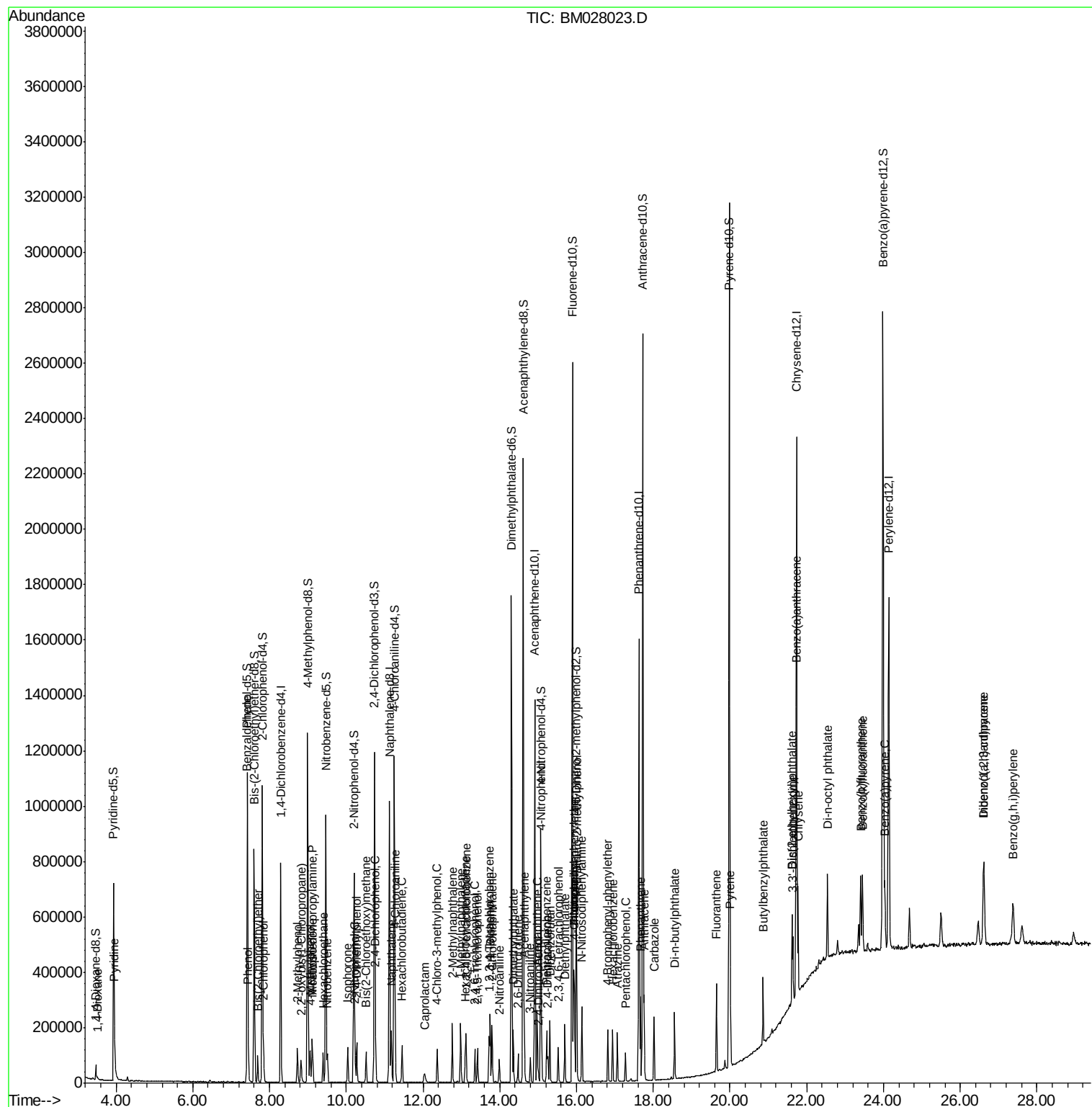
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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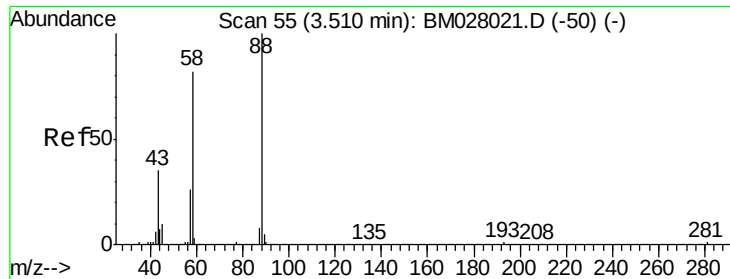
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.849 ng/uL

RT: 3.52 min Scan# 56

Delta R.T. 0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

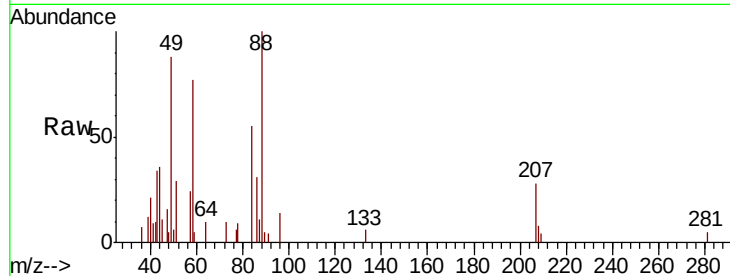
Tot Ion: 88 Resp: 4850

Ion Ratio Lower Upper

88 100

43 33.8 30.2 45.2

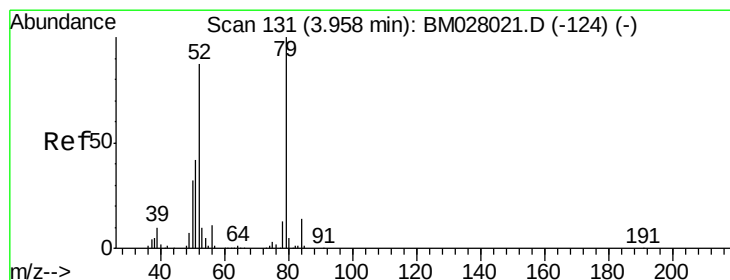
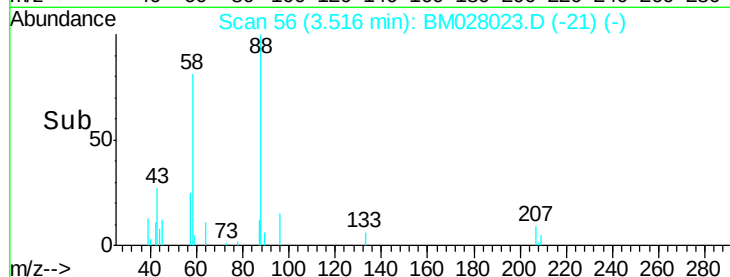
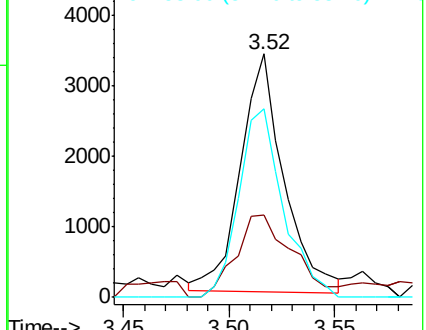
58 77.3 72.2 108.2



Abundance Ion 88.00 (87.70 to 88.70): BM028023.D (-21) (-)

Ion 43.00 (42.70 to 43.70): BM028023.D (-21) (-)

Ion 58.00 (57.70 to 58.70): BM028023.D (-21) (-)



#5

Pyridine

Concen: 3.349 ng/uL

RT: 3.96 min Scan# 132

Delta R.T. 0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

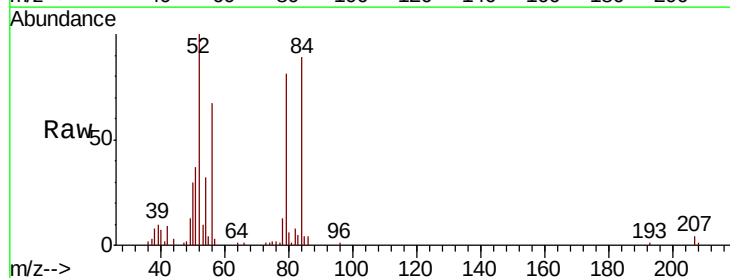
Tgt Ion: 79 Resp: 50341

Ion Ratio Lower Upper

79 100

52 123.7 67.6 101.4#

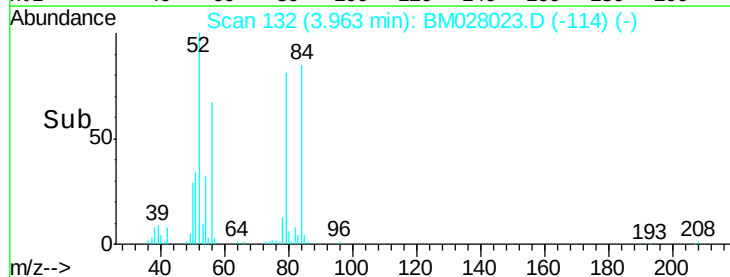
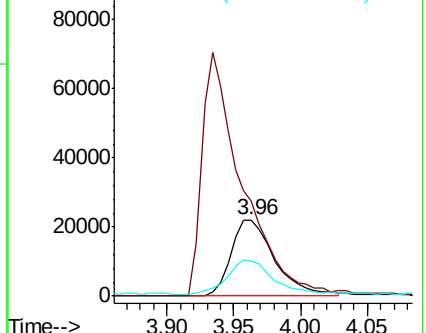
51 45.8 32.1 48.1

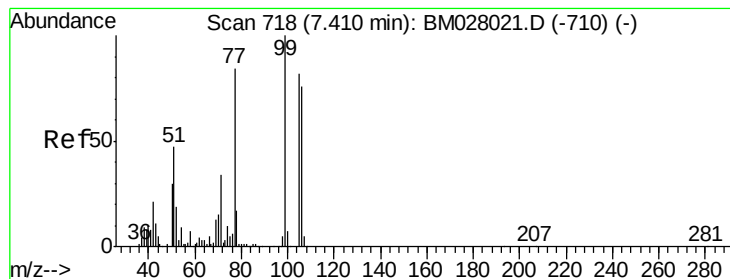


Abundance Ion 79.00 (78.70 to 79.70): BM028023.D (-114) (-)

Ion 52.00 (51.70 to 52.70): BM028023.D (-114) (-)

Ion 51.00 (50.70 to 51.70): BM028023.D (-114) (-)





#6

Benzaldehyde

Concen: 5.533 ng/ul

RT: 7.41 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

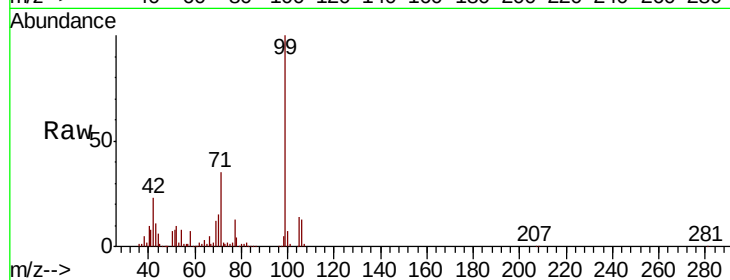
Tot Ion: 77 Resp: 39488

Ion Ratio Lower Upper

77 100

105 105.2 79.4 119.0

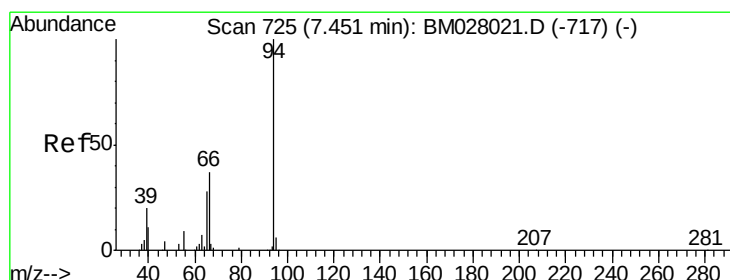
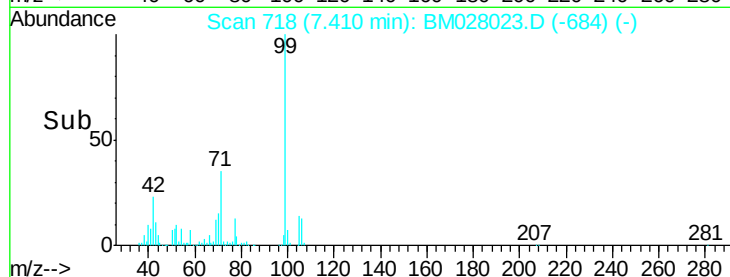
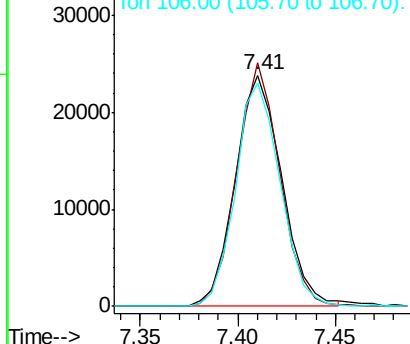
106 96.5 76.7 115.1



Abundance Ion 77.00 (76.70 to 77.70): BM028023.D (-684) (-)

Ion 105.00 (104.70 to 105.70): BM028023.D (-684) (-)

Ion 106.00 (105.70 to 106.70): BM028023.D (-684) (-)



#8

Phenol

Concen: 3.164 ng/ul

RT: 7.45 min Scan# 725

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

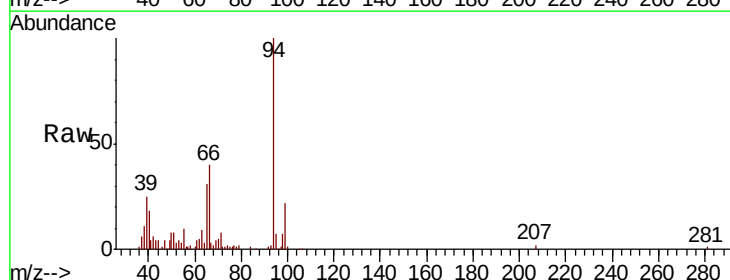
Tgt Ion: 94 Resp: 55741

Ion Ratio Lower Upper

94 100

65 30.8 22.7 34.1

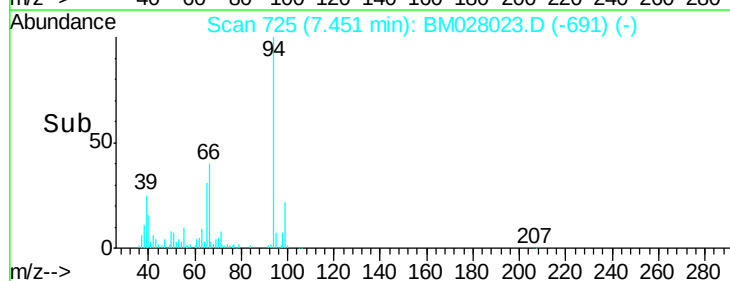
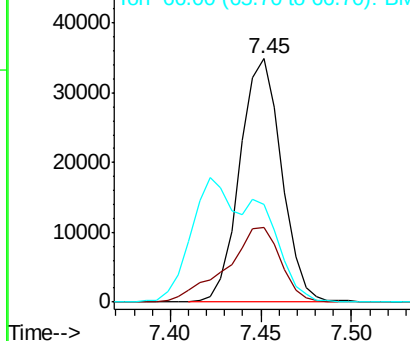
66 40.0 30.1 45.1

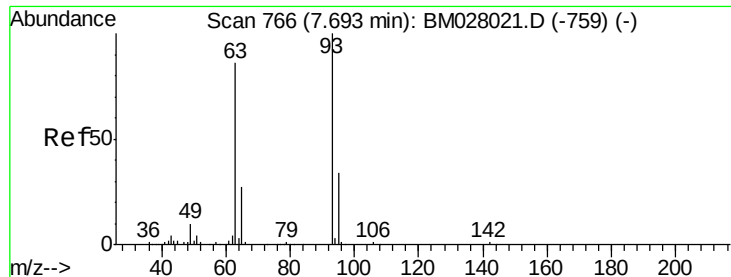


Abundance Ion 94.00 (93.70 to 94.70): BM028023.D (-691) (-)

Ion 65.00 (64.70 to 65.70): BM028023.D (-691) (-)

Ion 66.00 (65.70 to 66.70): BM028023.D (-691) (-)

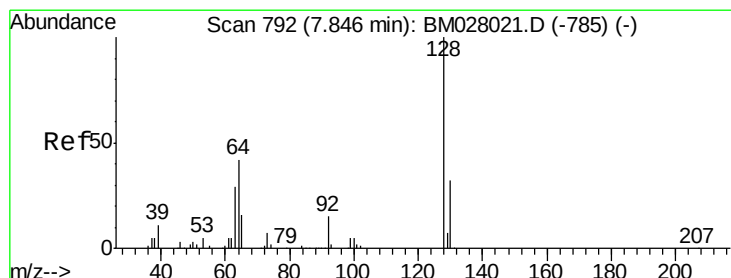
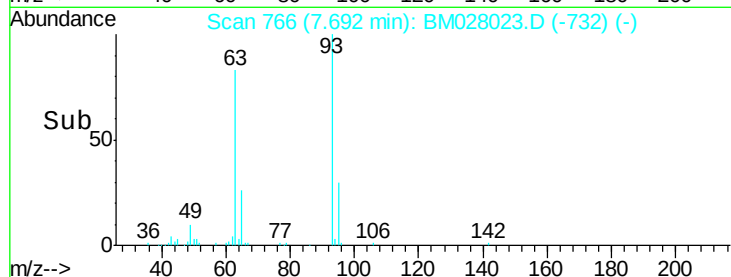
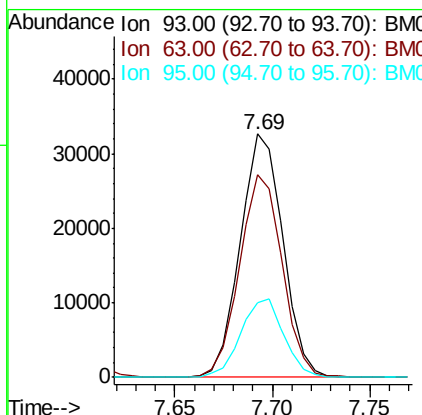
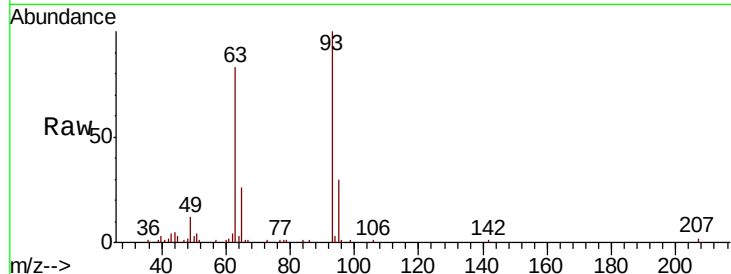




#10
Bis(2-Chloroethyl)ether
Concen: 3.412 ng/ul
RT: 7.69 min Scan# 766
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

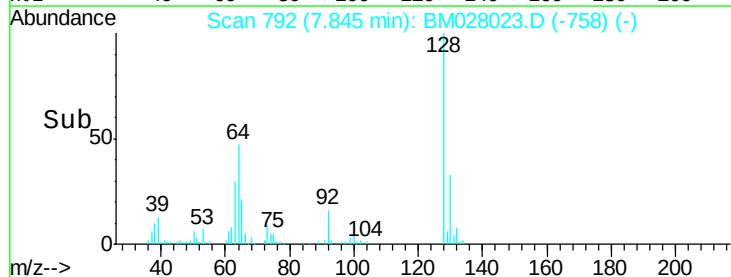
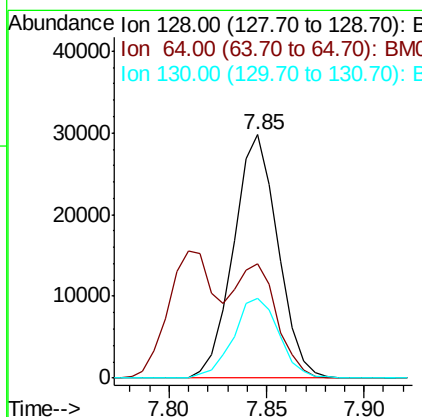
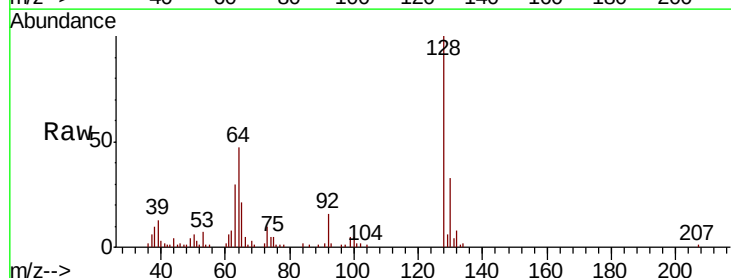
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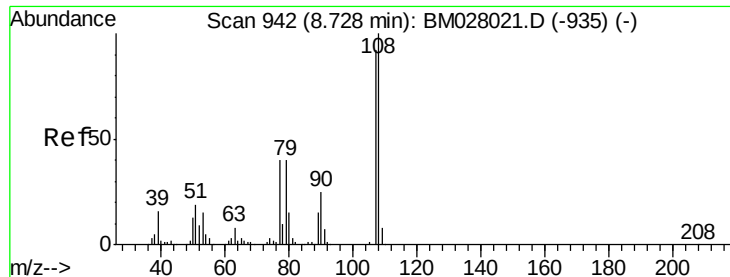
Tot Ion: 93 Resp: 49498
Ion Ratio Lower Upper
93 100
63 83.0 65.0 97.4
95 30.4 26.6 40.0



#12
2-Chlorophenol
Concen: 3.162 ng/ul
RT: 7.85 min Scan# 792
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion: 128 Resp: 46811
Ion Ratio Lower Upper
128 100
64 47.1 37.4 56.2
130 33.0 25.4 38.0

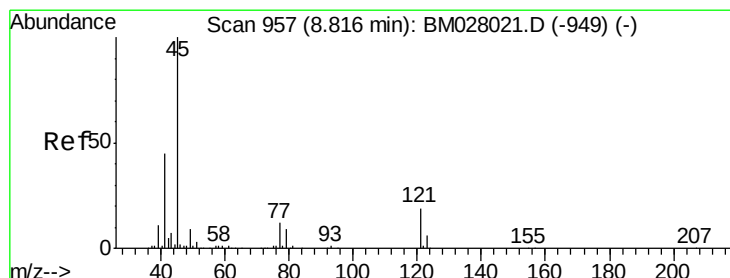
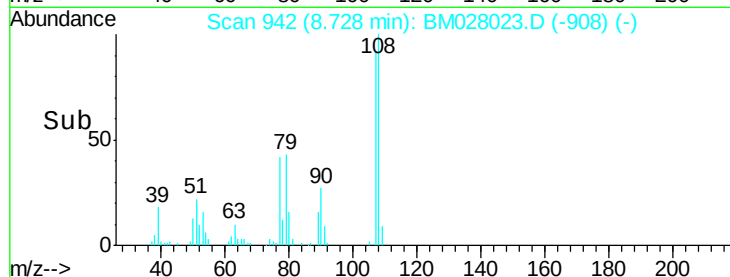
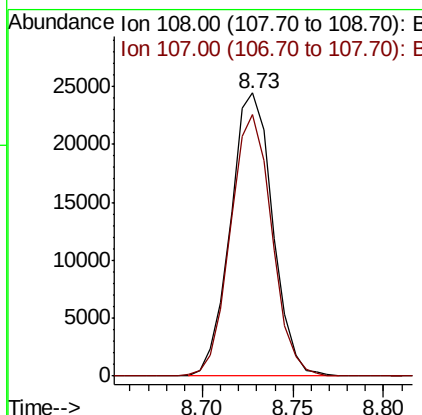
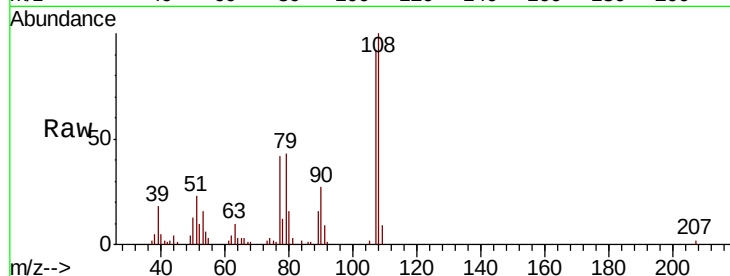




#13
2-Methylphenol
Concen: 3.001 ng/ul
RT: 8.73 min Scan# 942
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

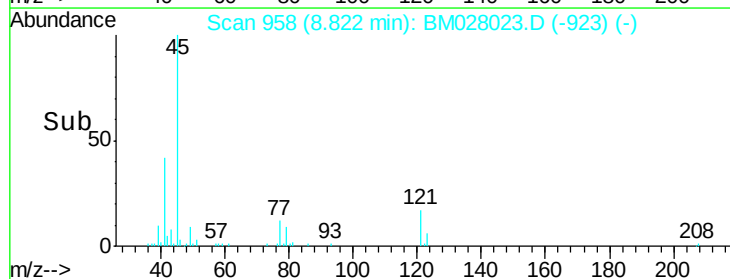
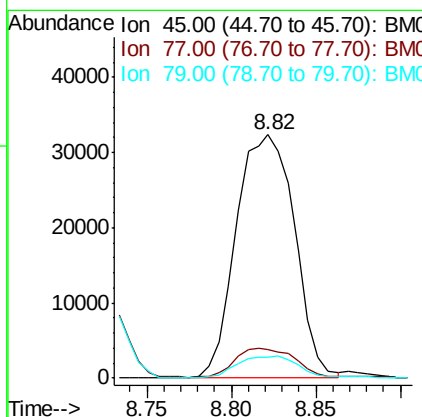
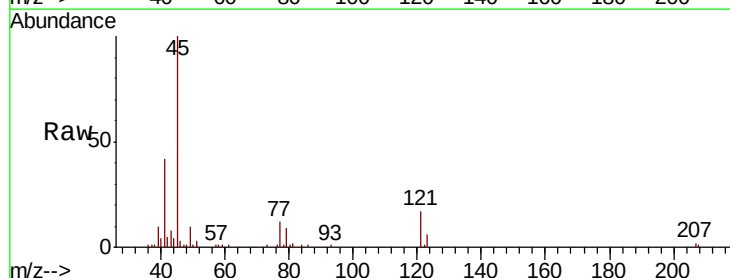
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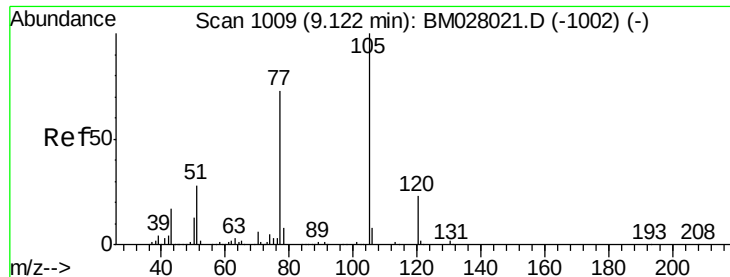
Tot Ion:108 Resp: 39574
Ion Ratio Lower Upper
108 100
107 92.4 70.1 105.1



#14
2,2'-oxybis(1-chloropropane)
Concen: 3.322 ng/ul
RT: 8.82 min Scan# 958
Delta R.T. 0.01 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion: 45 Resp: 77538
Ion Ratio Lower Upper
45 100
77 11.8 9.8 14.8
79 8.6 7.4 11.2





#16

Acetophenone

Concen: 3.297 ng/ul

RT: 9.12 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampled :

MDL-SOIL-01

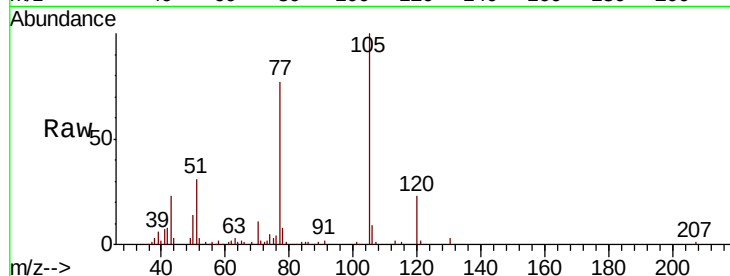
Tot Ion:105 Resp: 67177

Ion Ratio Lower Upper

105 100

77 76.5 60.0 90.0

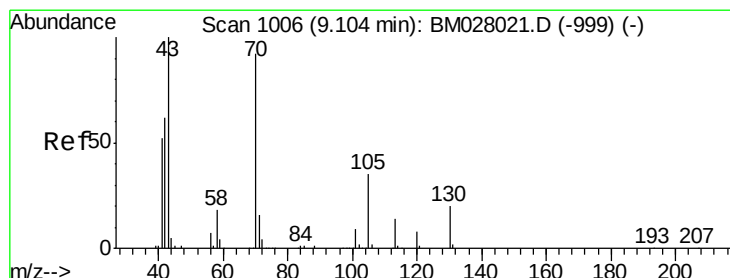
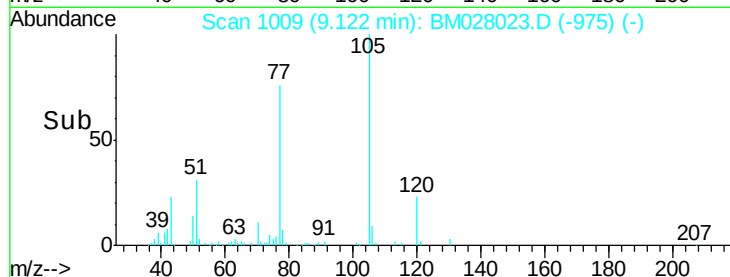
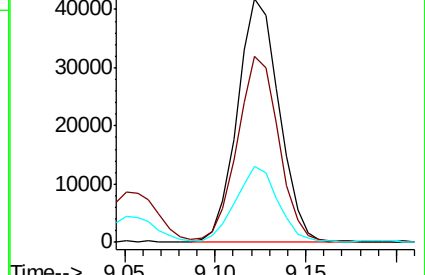
51 31.3 24.1 36.1



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: 3.233 ng/ul

RT: 9.10 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Tgt Ion: 70 Resp: 31300

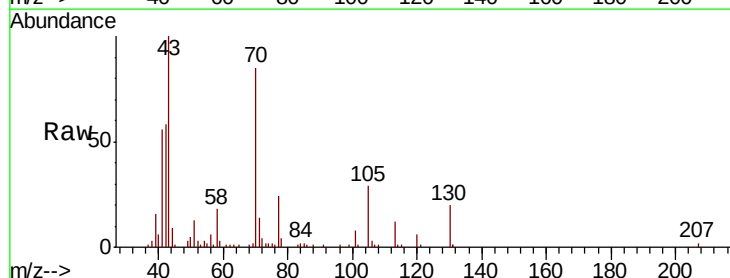
Ion Ratio Lower Upper

70 100

42 68.4 55.3 82.9

101 9.7 8.0 12.0

130 23.2 18.0 27.0

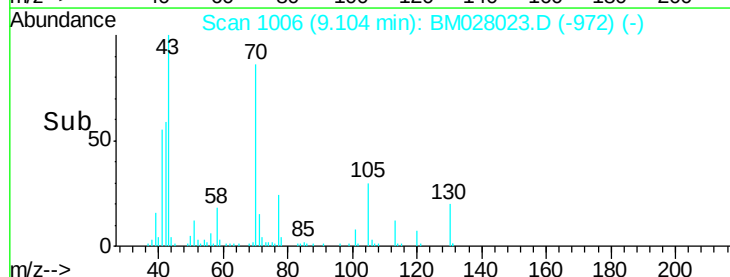
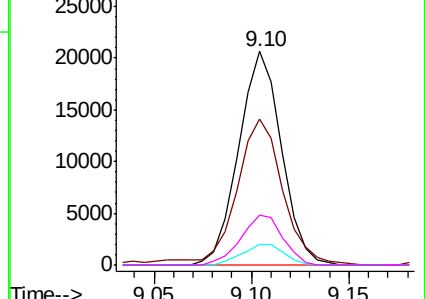


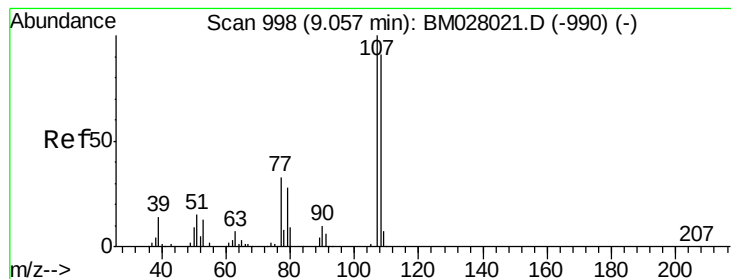
Abundance Ion 70.00 (69.70 to 70.70): BM

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: 3.120 ng/ul

RT: 9.06 min Scan# 998

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

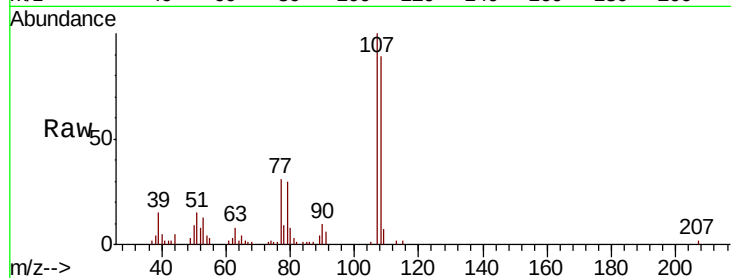
MDL-SOIL-01

Tot Ion:108 Resp: 44109

Ion Ratio Lower Upper

108 100

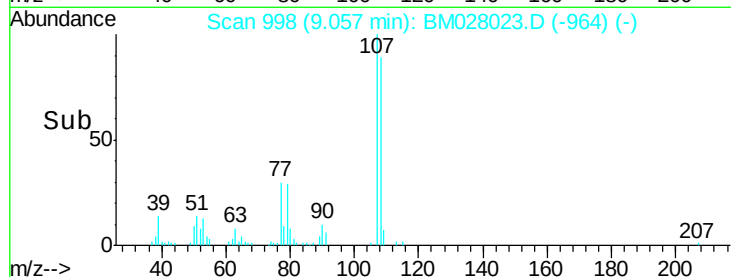
107 111.9 93.4 140.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

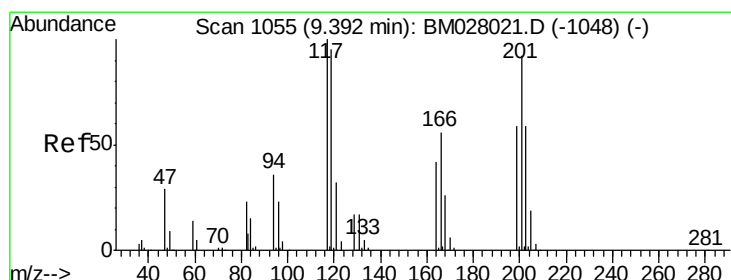
9.06



Abundance

9.06

Time-->



#19

Hexachloroethane

Concen: 3.231 ng/ul

RT: 9.40 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

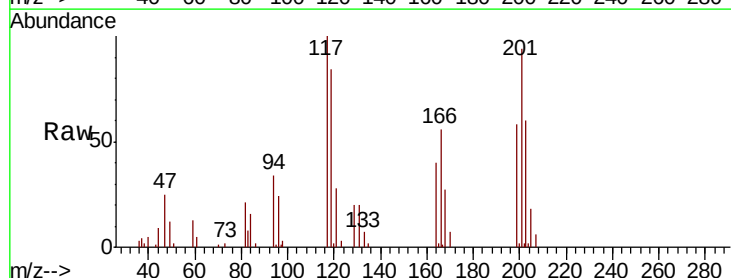
Tgt Ion:117 Resp: 20078

Ion Ratio Lower Upper

117 100

201 93.9 80.0 120.0

199 57.5 48.6 73.0

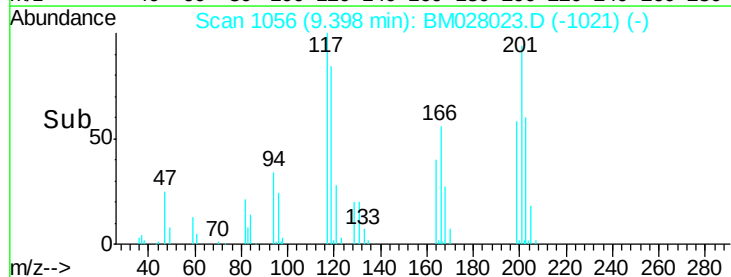


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

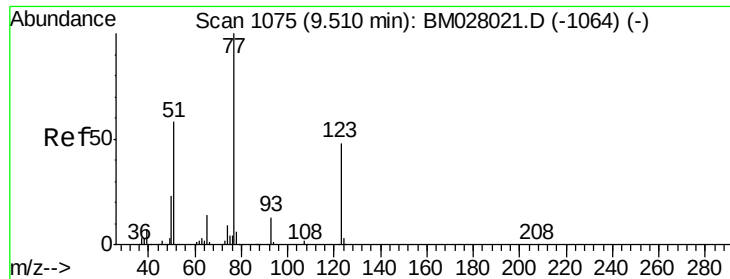
9.40



Abundance

9.40

Time-->



#22

Nitrobenzene

Concen: 3.335 ng/ul

RT: 9.51 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

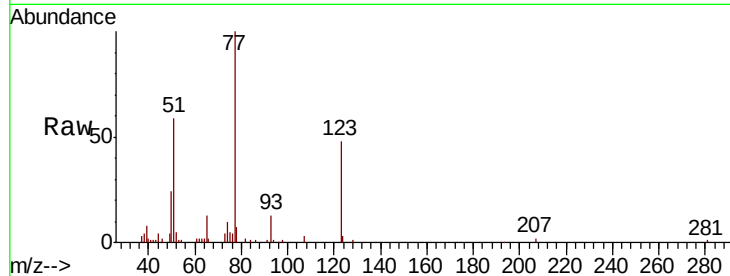
Tot Ion: 77 Resp: 52365

Ion Ratio Lower Upper

77 100

123 47.8 35.8 53.6

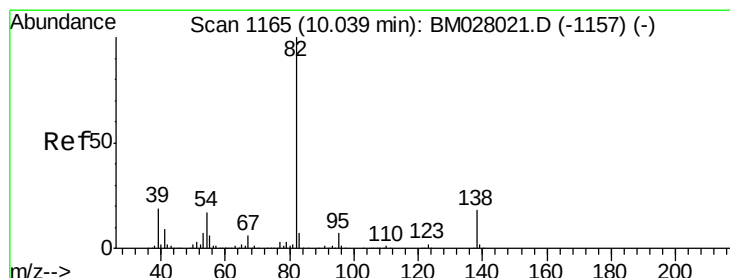
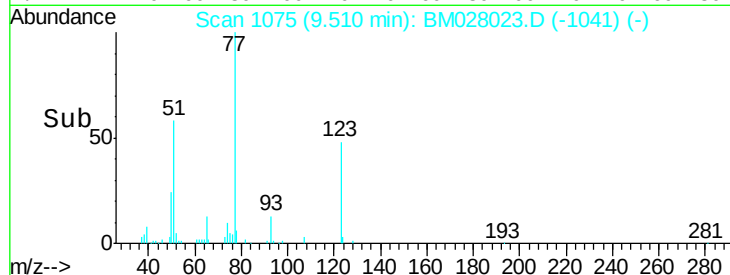
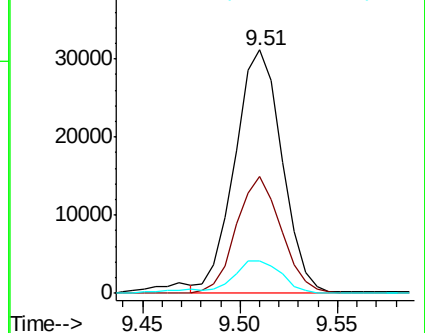
65 13.2 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BM028023.D (-1041) (-)

Ion 123.00 (122.70 to 123.70): BM028023.D (-1041) (-)

Ion 65.00 (64.70 to 65.70): BM028023.D (-1041) (-)



#23

Isophorone

Concen: 3.032 ng/ul

RT: 10.04 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

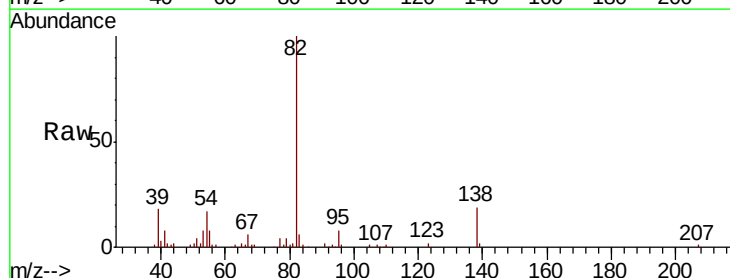
Tgt Ion: 82 Resp: 79643

Ion Ratio Lower Upper

82 100

95 8.1 5.5 8.3

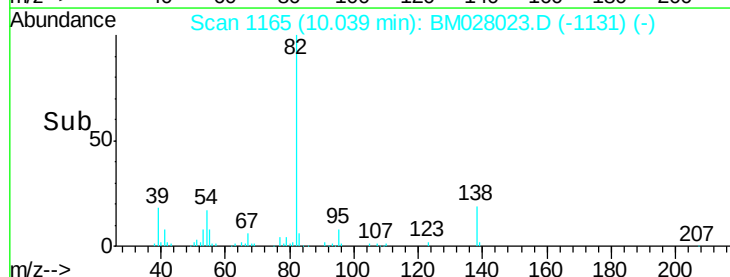
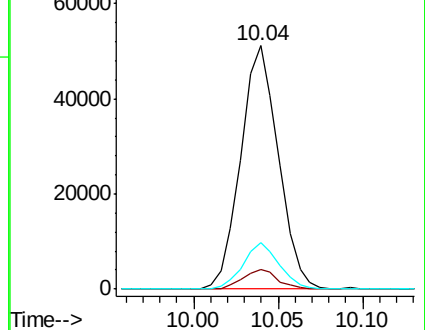
138 19.2 14.6 22.0

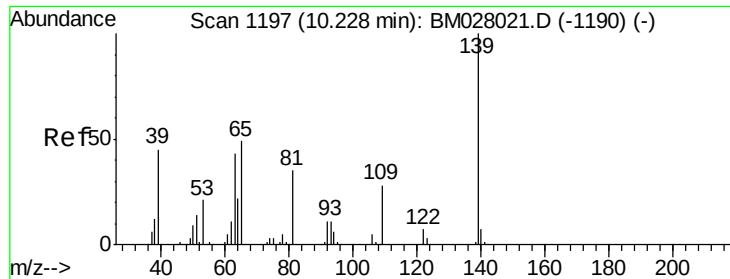


Abundance Ion 82.00 (81.70 to 82.70): BM028023.D (-1131) (-)

Ion 95.00 (94.70 to 95.70): BM028023.D (-1131) (-)

Ion 138.00 (137.70 to 138.70): BM028023.D (-1131) (-)

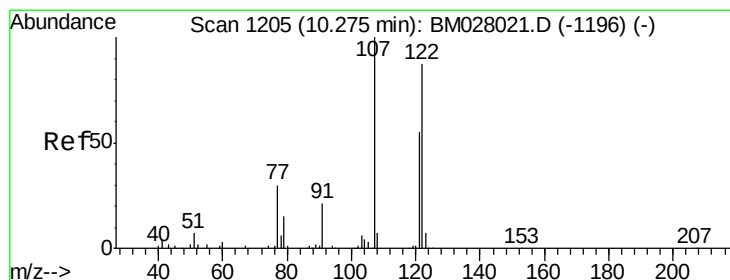
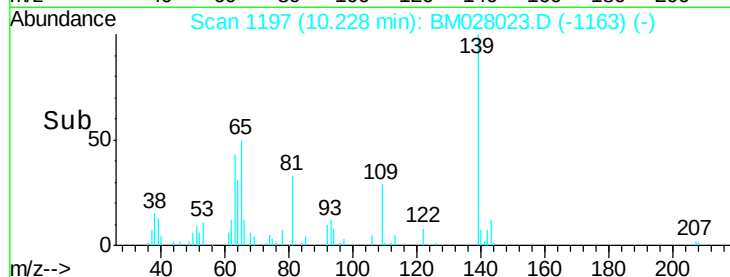
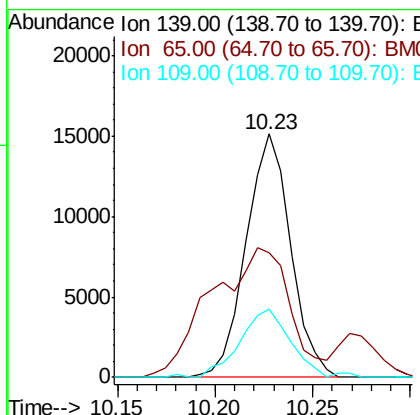
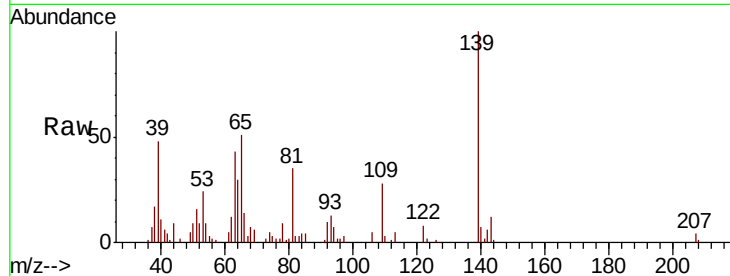




#25
2-Nitrophenol
Concen: 3.327 ng/ul
RT: 10.23 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

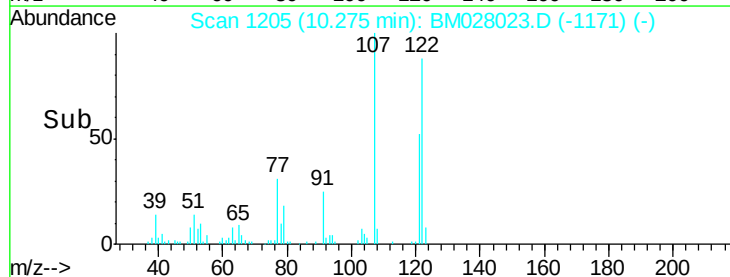
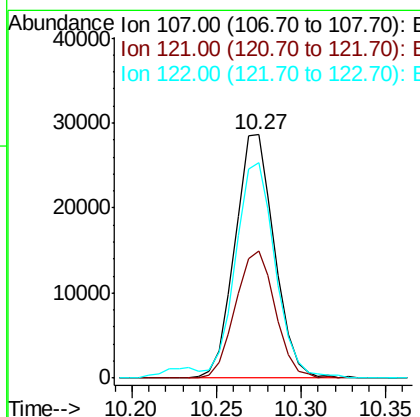
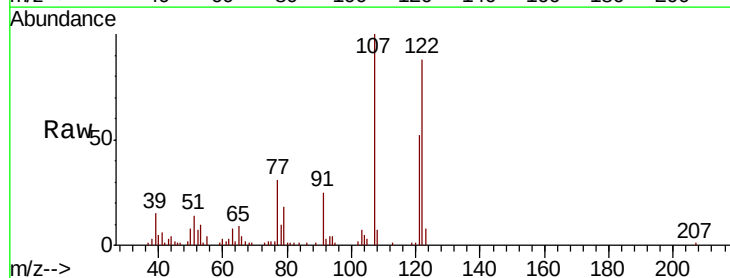
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-01

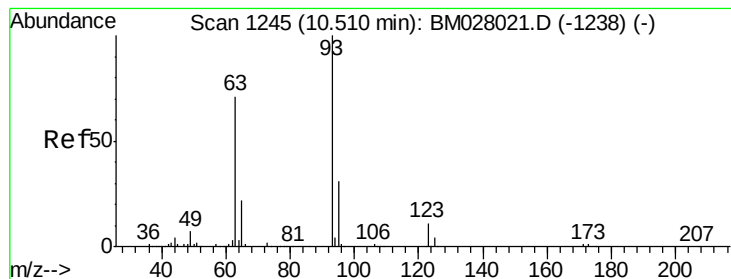
Tot Ion:139 Resp: 23928
Ion Ratio Lower Upper
139 100
65 51.2 42.2 63.2
109 27.9 22.7 34.1



#26
2,4-Dimethylphenol
Concen: 3.153 ng/ul
RT: 10.27 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion:107 Resp: 46591
Ion Ratio Lower Upper
107 100
121 52.0 41.2 61.8
122 88.3 68.1 102.1





#27

Bis(2-Chloroethoxy)methane

Concen: 3.294 ng/ul

RT: 10.52 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

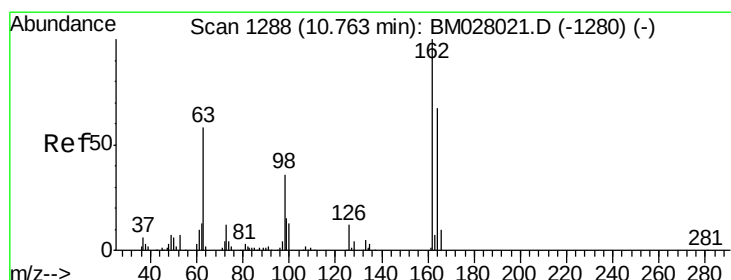
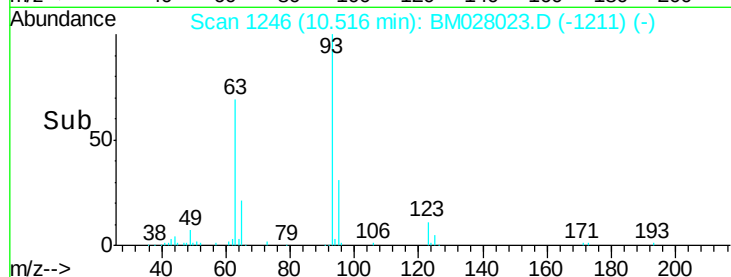
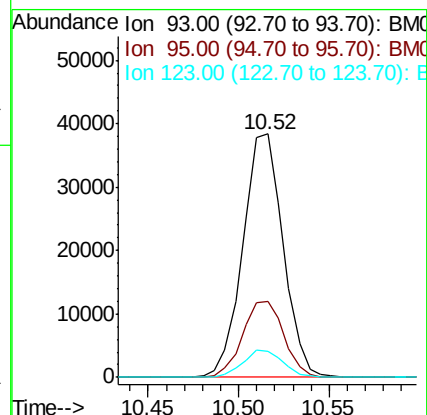
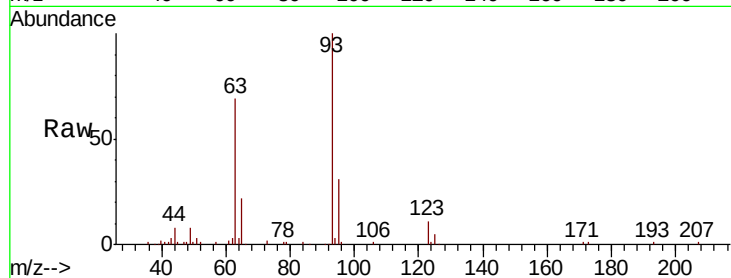
Tot Ion: 93 Resp: 59400

Ion Ratio Lower Upper

93 100

95 31.3 26.2 39.4

123 10.9 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 3.198 ng/ul

RT: 10.76 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

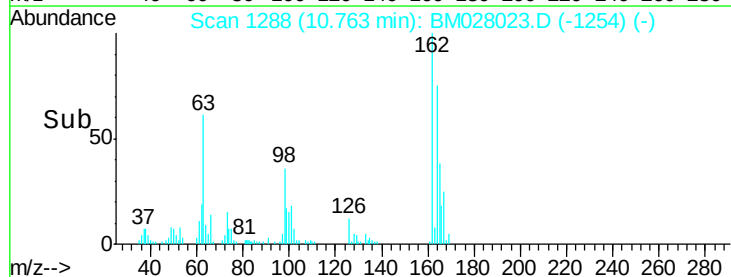
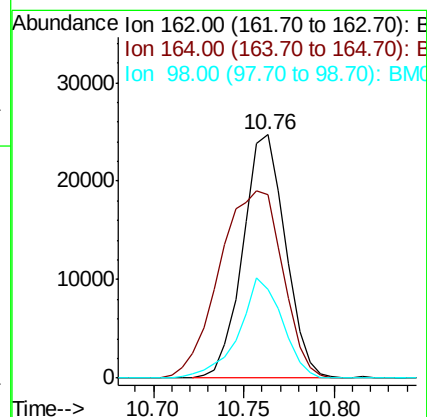
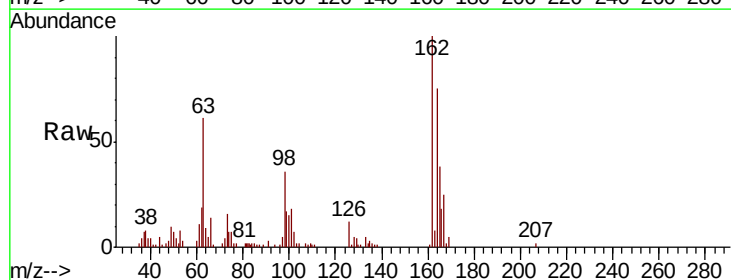
Tgt Ion: 162 Resp: 40349

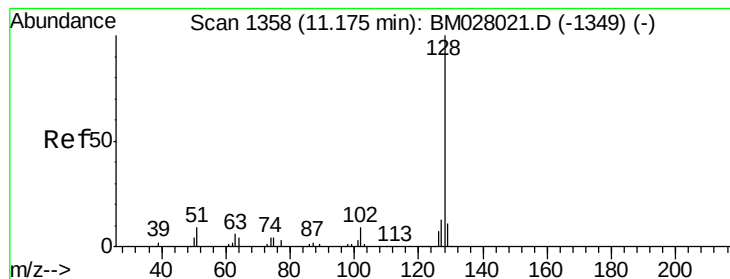
Ion Ratio Lower Upper

162 100

164 75.2 53.7 80.5

98 36.5 29.5 44.3





#30

Naphthalene

Concen: 3.257 ng/ul

RT: 11.17 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

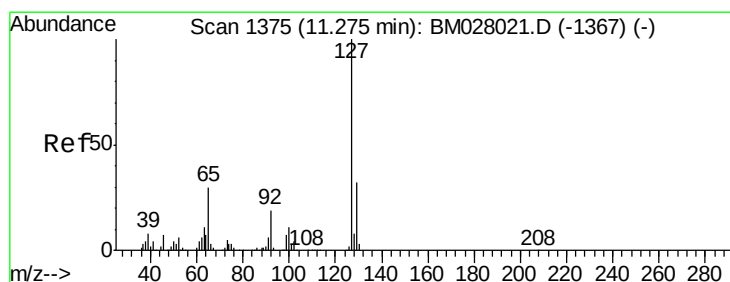
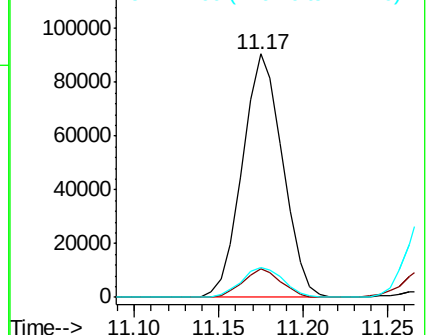
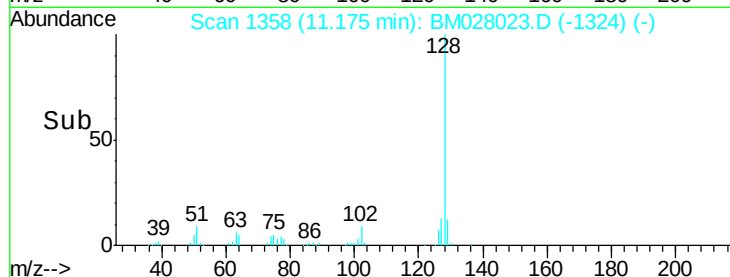
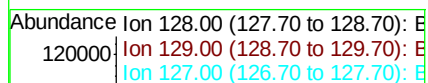
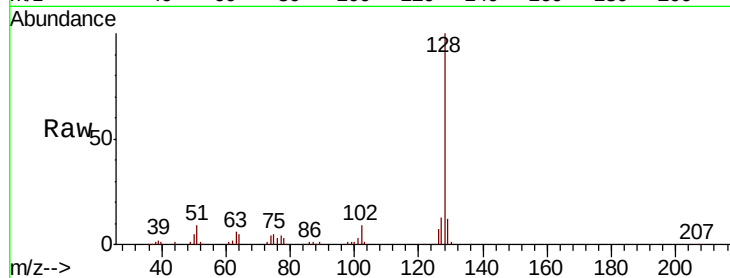
Tot Ion:128 Resp: 150763

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

127 12.5 10.4 15.6



#32

4-Chloroaniline

Concen: 3.446 ng/ul

RT: 11.27 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BM028023.D

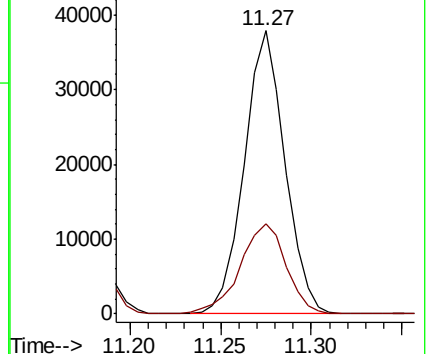
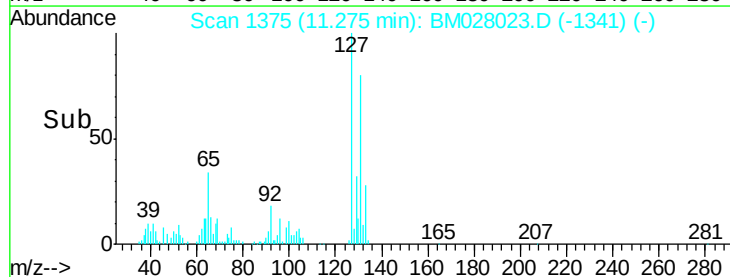
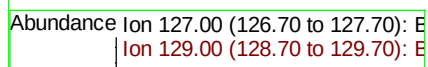
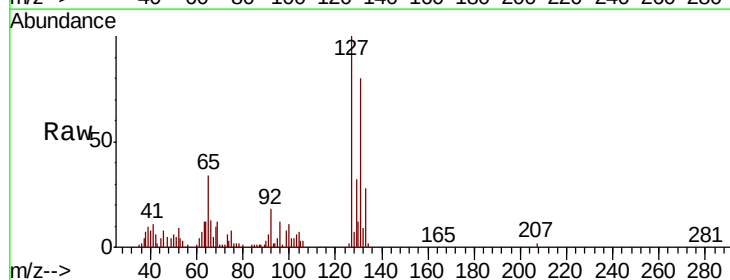
Acq: 04 Dec 2020 10:38

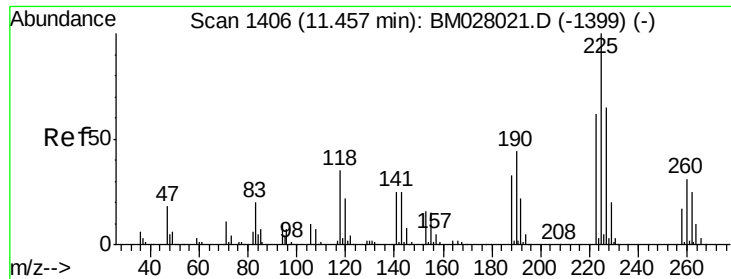
Tgt Ion:127 Resp: 58871

Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.4





#33

Hexachlorobutadiene

Concen: 3.247 ng/ul

RT: 11.46 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

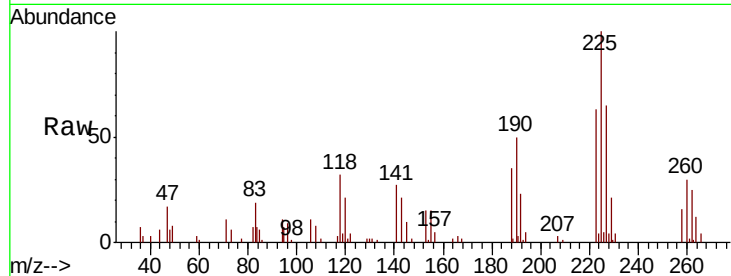
Tot Ion:225 Resp: 26824

Ion Ratio Lower Upper

225 100

223 63.4 50.3 75.5

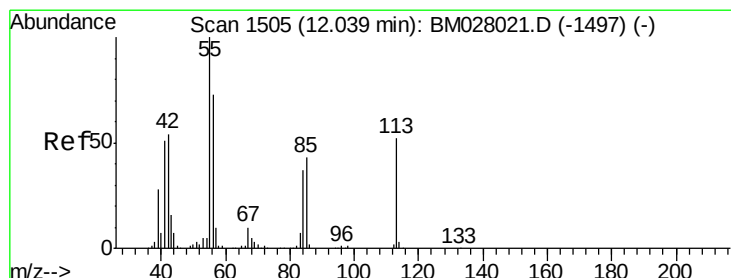
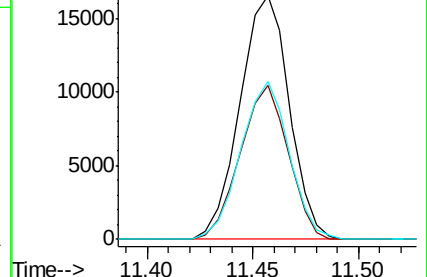
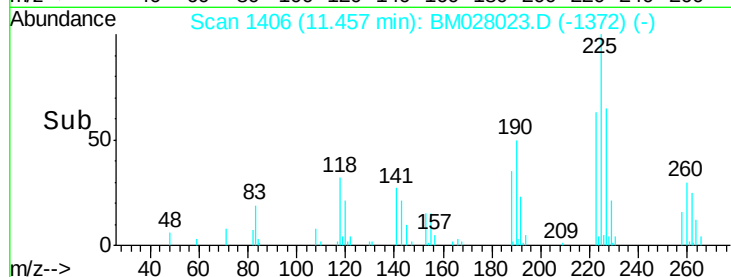
227 65.1 50.6 75.8



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: 2.489 ng/ul

RT: 12.03 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

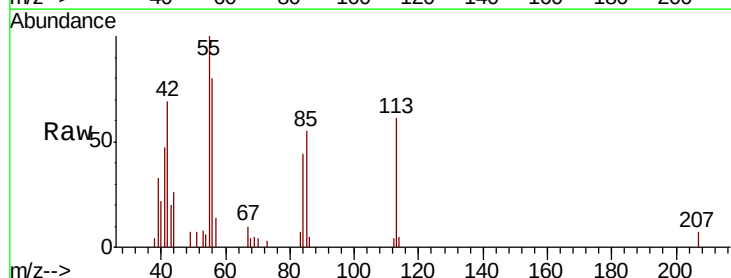
Tgt Ion:113 Resp: 9049

Ion Ratio Lower Upper

113 100

55 165.0 145.0 217.6

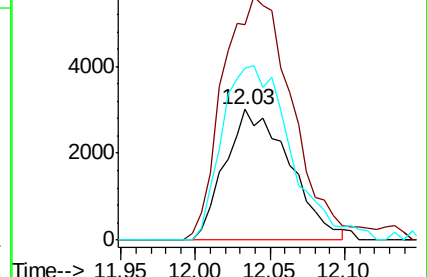
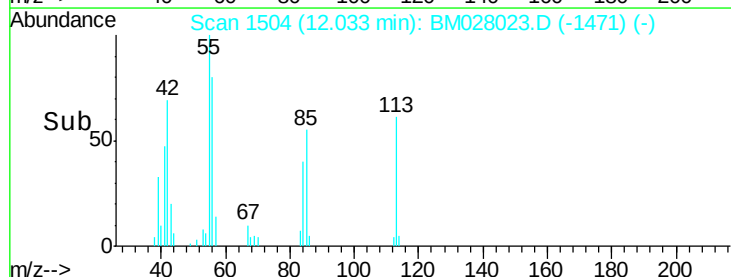
56 131.6 109.8 164.6

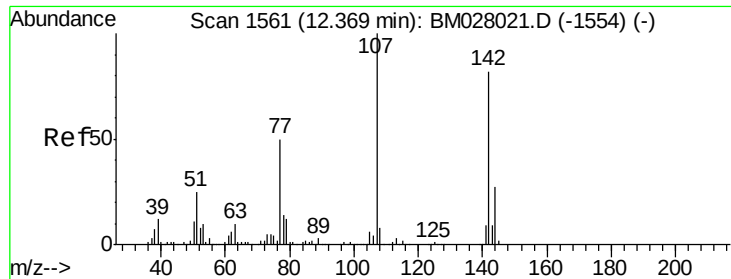


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

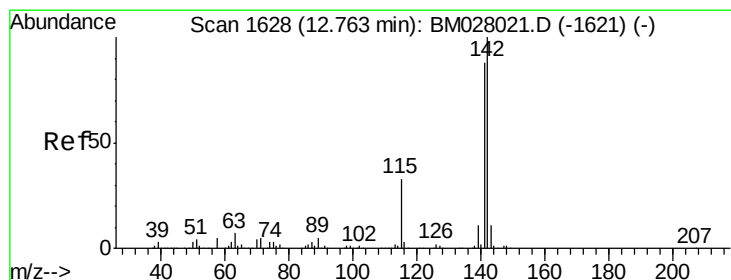
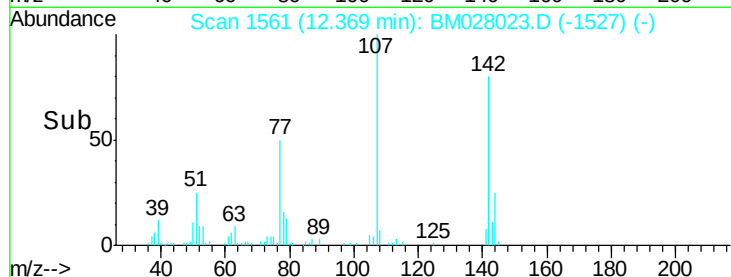
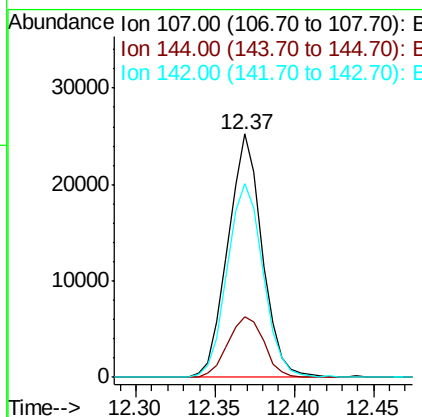
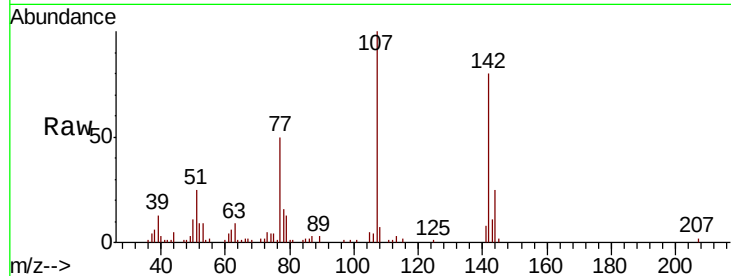




#35
 4-Chloro-3-methylphenol
 Concen: 2.989 ng/ul
 RT: 12.37 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BM028023.D
 Acq: 04 Dec 2020 10:38

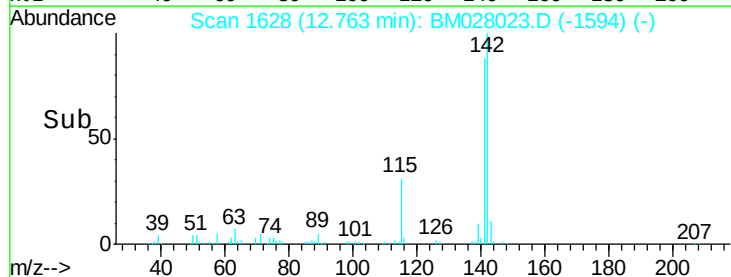
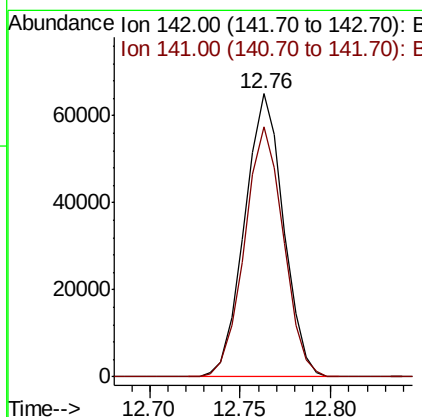
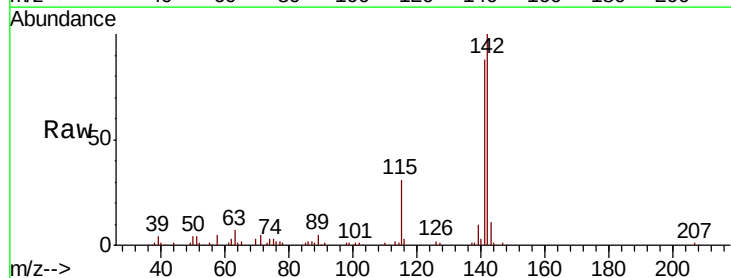
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-01

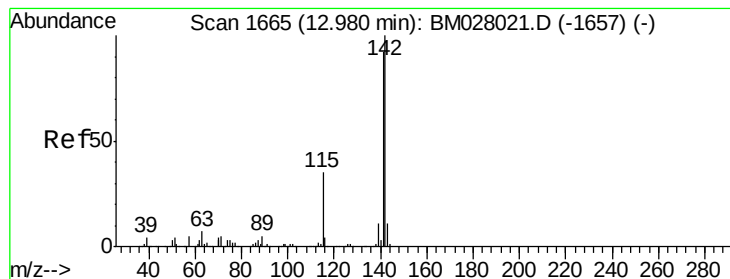
Tot Ion:107 Resp: 37833
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.8 32.8
 142 79.6 66.7 100.1



#36
 2-Methylnaphthalene
 Concen: 3.192 ng/ul
 RT: 12.76 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BM028023.D
 Acq: 04 Dec 2020 10:38

Tgt Ion:142 Resp: 97137
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.6





#37

1-Methylnaphthalene

Concen: 3.225 ng/ul

RT: 12.98 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

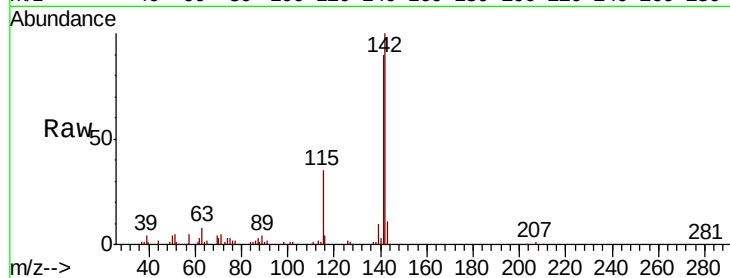
Tot Ion:142 Resp: 94365

Ion Ratio Lower Upper

142 100

141 90.0 74.2 111.2

116 4.1 2.9 4.3

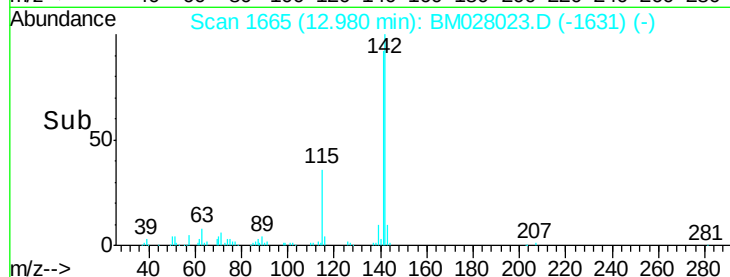


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

Time--> 12.90 12.95 13.00



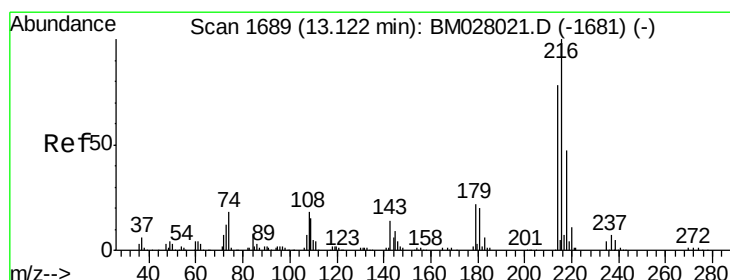
Abundance

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

Time--> 12.90 12.95 13.00



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.156 ng/ul

RT: 13.12 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Tgt Ion:216 Resp: 48455

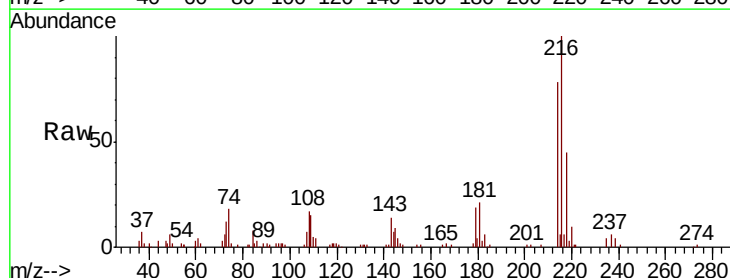
Ion Ratio Lower Upper

216 100

214 78.4 63.7 95.5

179 19.4 16.1 24.1

108 16.6 13.8 20.6



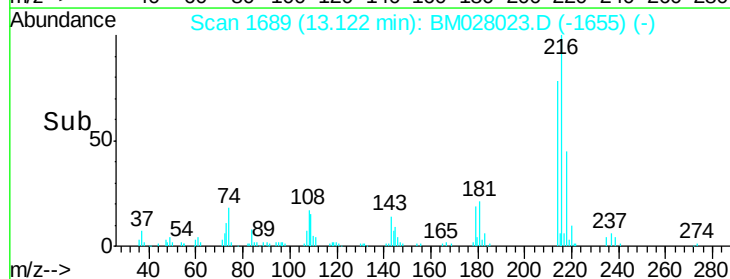
Abundance Ion 216.00 (215.70 to 216.70): E

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

Time--> 13.05 13.10 13.15



Abundance

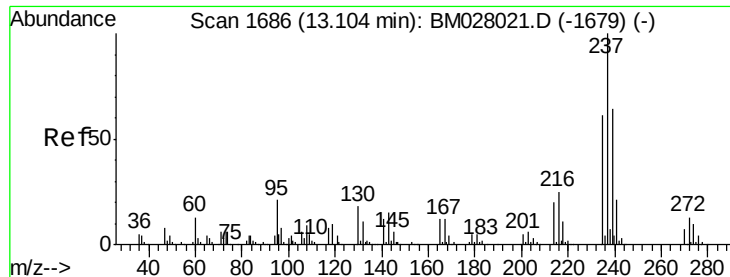
Ion 216.00 (215.70 to 216.70): E

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

Time--> 13.05 13.10 13.15



#40

Hexachlorocyclopentadiene

Concen: 2.577 ng/ul

RT: 13.10 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

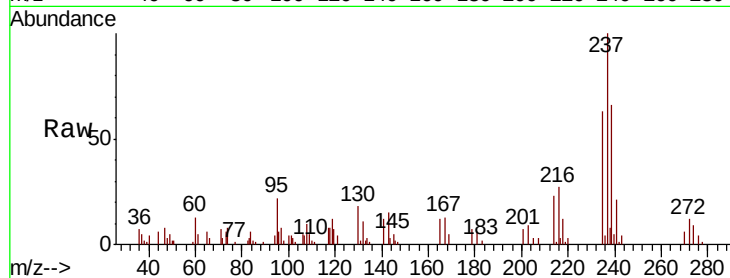
BNA_M

ClientSampleId :

MDL-SOIL-01

Tot Ion:237 Resp: 22545

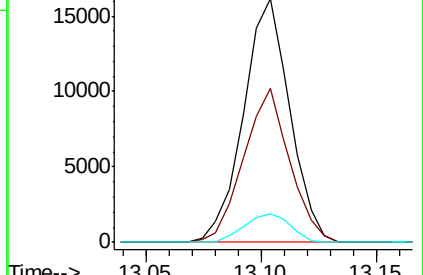
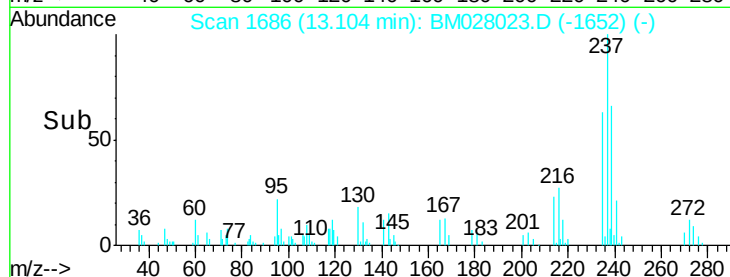
Ion	Ratio	Lower	Upper
237	100		
235	63.2	49.6	74.4
272	11.6	10.6	15.8



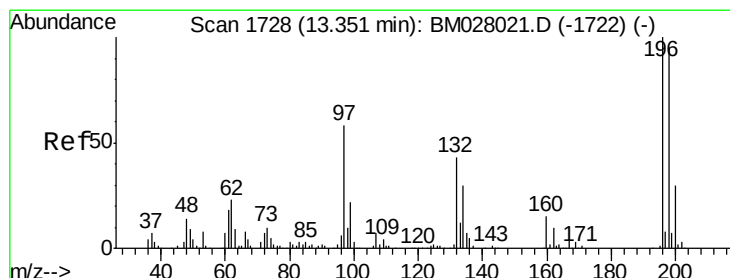
Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



Time-->



#41

2,4,6-Trichlorophenol

Concen: 2.855 ng/ul

RT: 13.35 min Scan# 1728

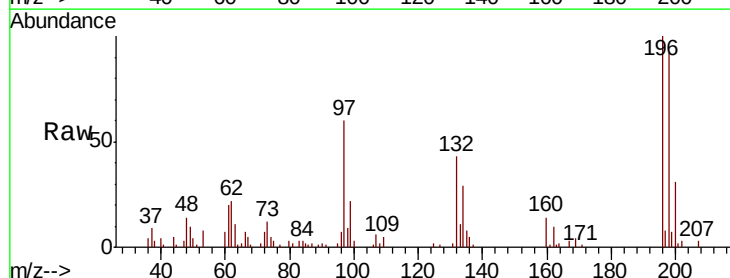
Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Tgt Ion:196 Resp: 26262

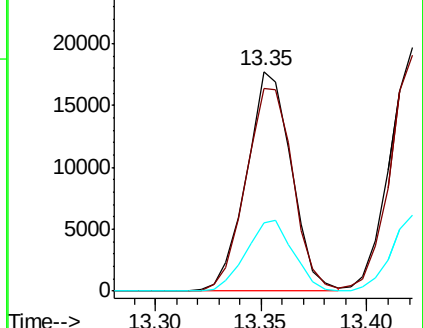
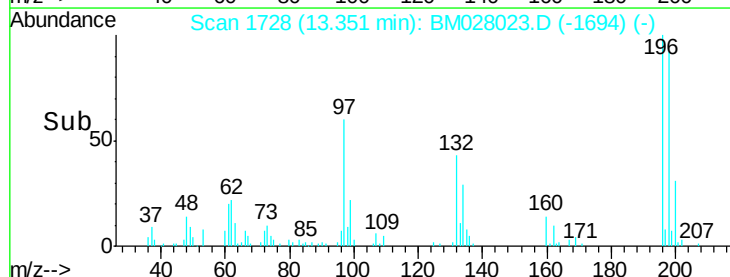
Ion	Ratio	Lower	Upper
196	100		
198	92.5	78.3	117.5
200	31.2	26.4	39.6



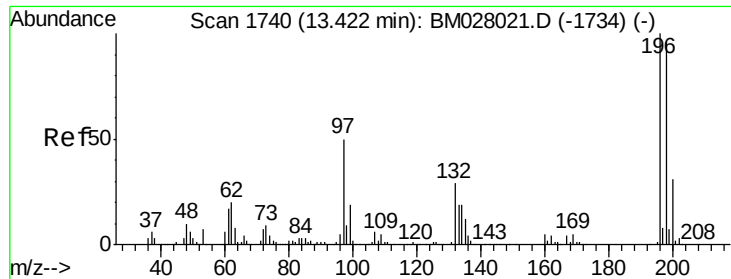
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



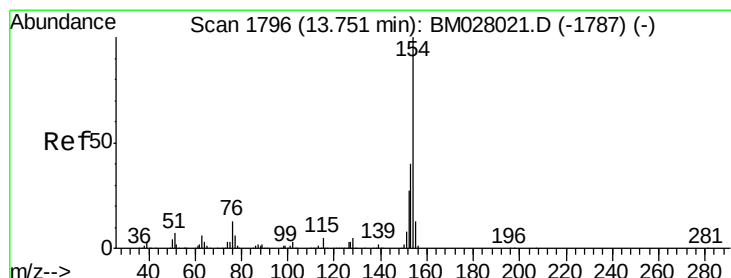
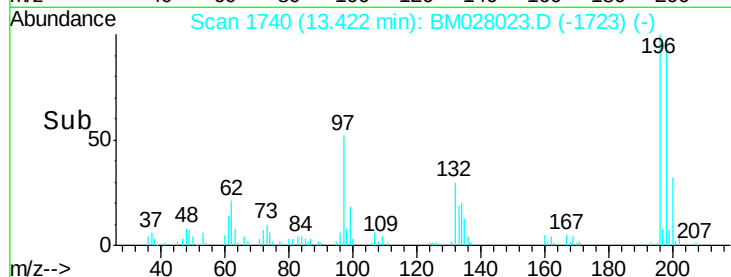
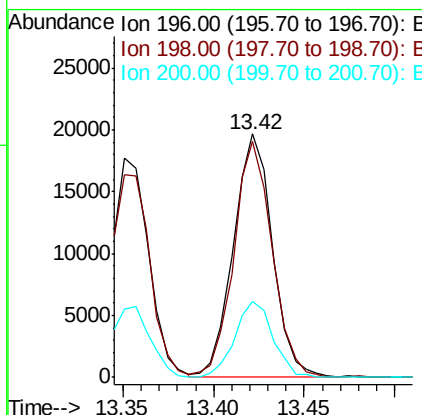
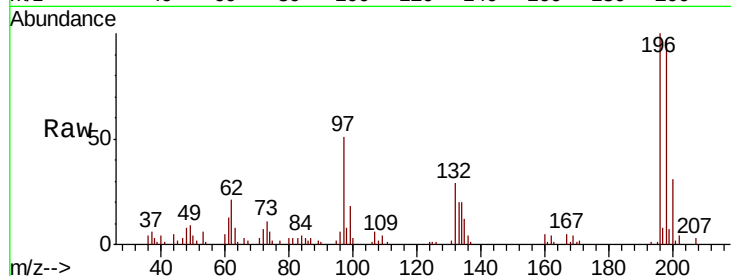
Time-->



#42
 2,4,5-Trichlorophenol
 Concen: 2.976 ng/ul
 RT: 13.42 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BM028023.D
 Acq: 04 Dec 2020 10:38

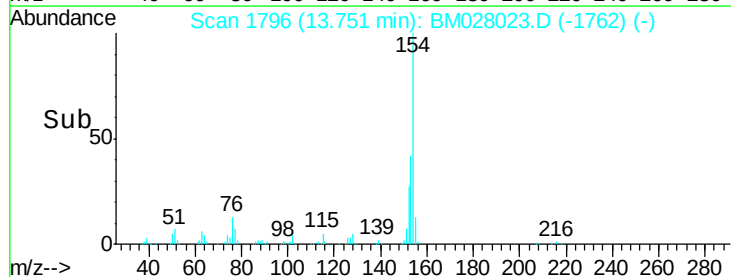
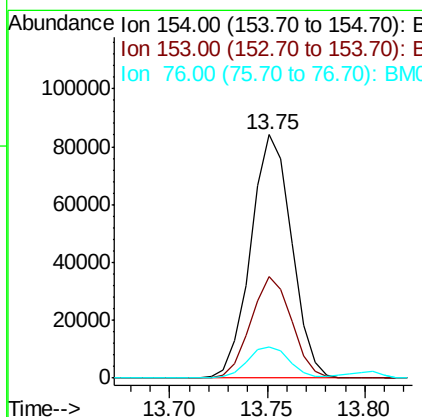
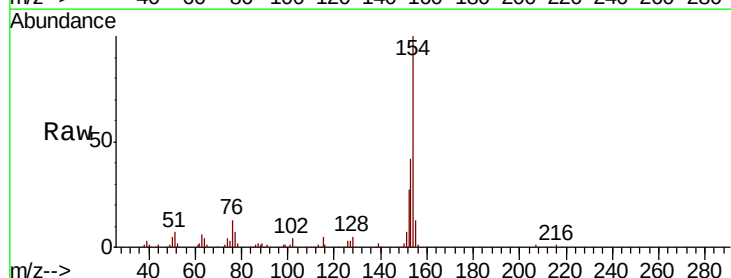
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-01

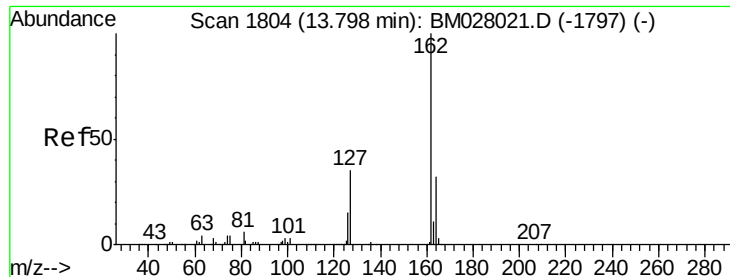
Tot Ion:196 Resp: 29400
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.8 116.8
 200 31.3 24.2 36.2



#43
 1,1'-Biphenyl
 Concen: 3.165 ng/ul
 RT: 13.75 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BM028023.D
 Acq: 04 Dec 2020 10:38

Tgt Ion:154 Resp: 122321
 Ion Ratio Lower Upper
 154 100
 153 41.9 31.9 47.9
 76 13.0 10.6 15.8

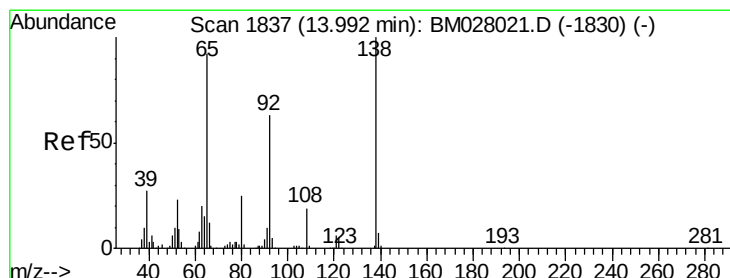
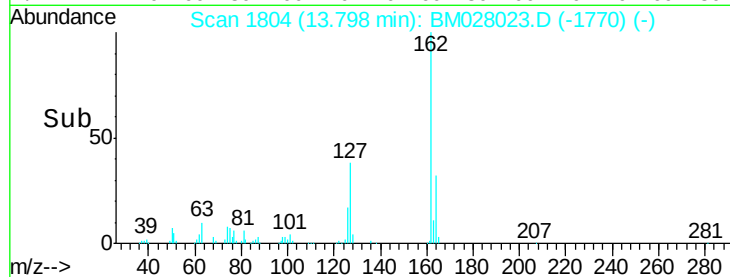
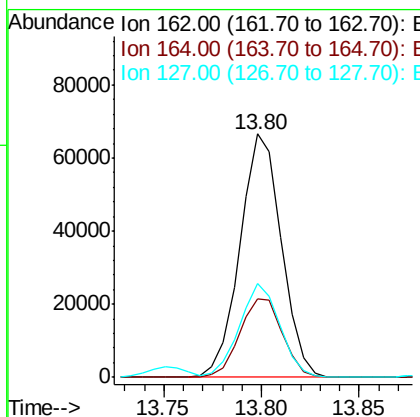
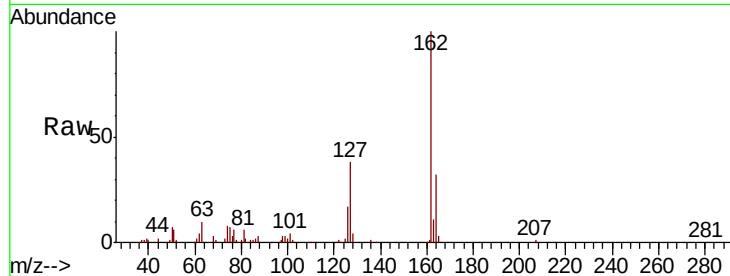




#44
2-Chloronaphthalene
Concen: 3.216 ng/ul
RT: 13.80 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

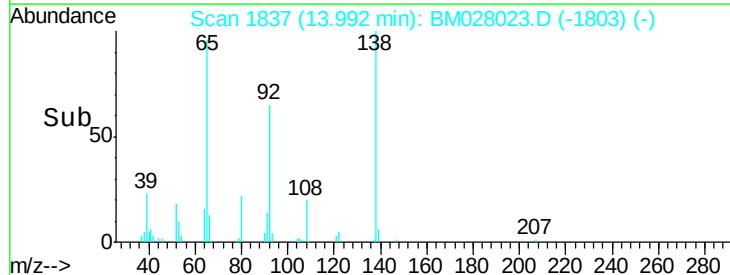
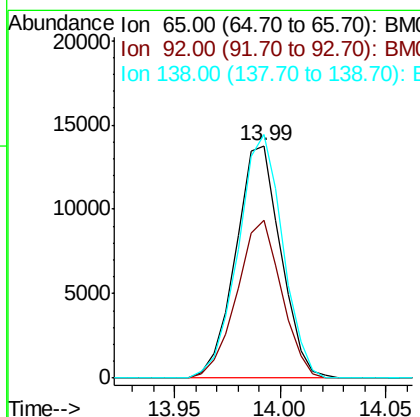
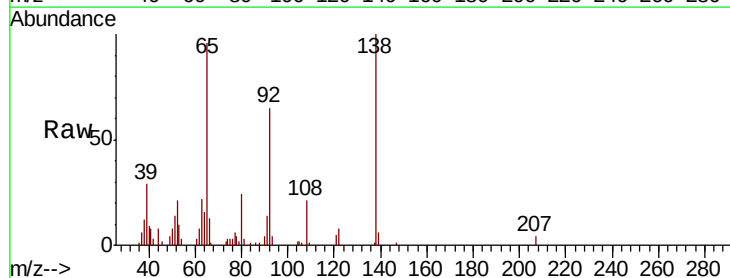
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-01

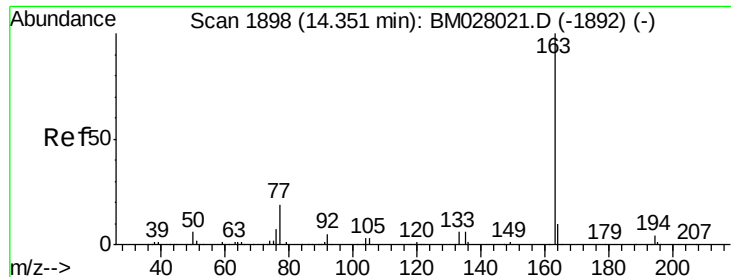
Tot Ion:162 Resp: 97917
Ion Ratio Lower Upper
162 100
164 32.0 27.0 40.6
127 38.5 30.8 46.2



#45
2-Nitroaniline
Concen: 2.691 ng/ul
RT: 13.99 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion: 65 Resp: 20377
Ion Ratio Lower Upper
65 100
92 68.1 55.0 82.6
138 104.7 83.8 125.6

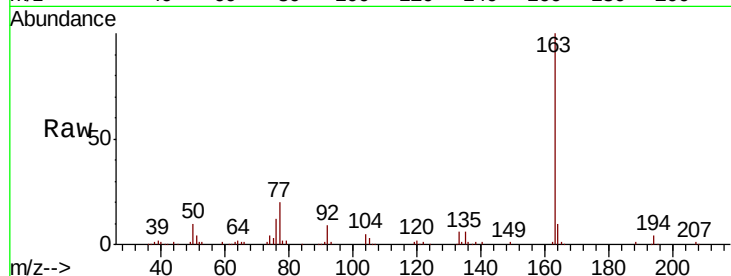




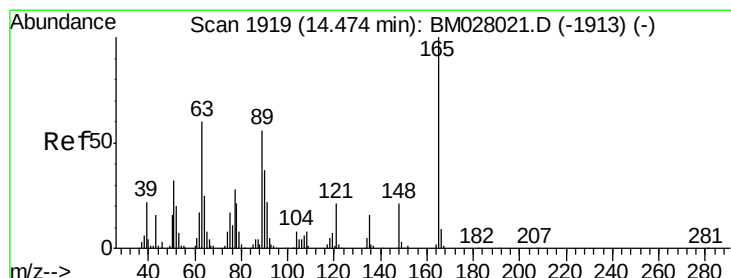
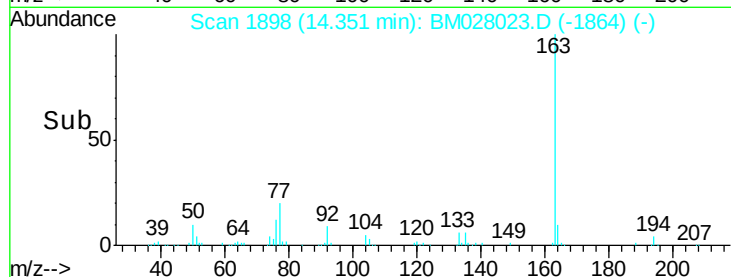
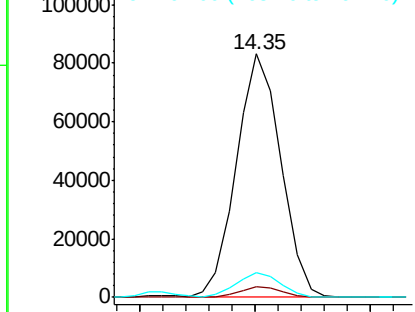
#47
Dimethylphthalate
Concen: 3.236 ng/ul
RT: 14.35 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-01

Tot Ion:163 Resp: 111664
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 7.8 11.6

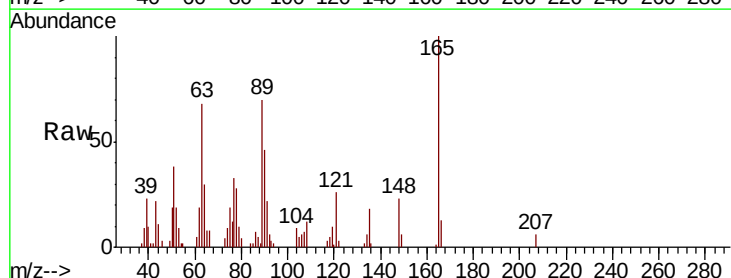


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

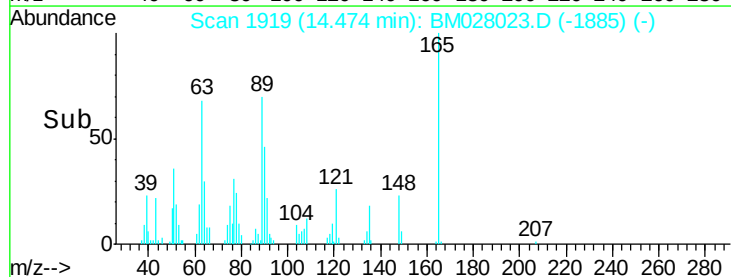
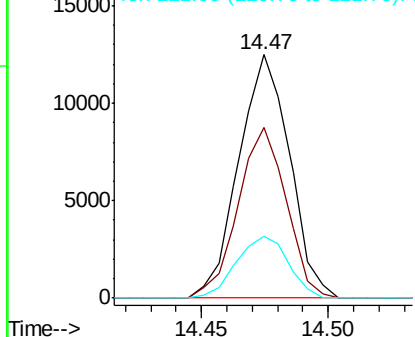


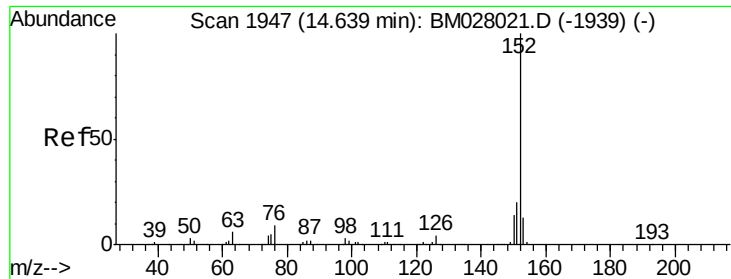
#48
2,6-Dinitrotoluene
Concen: 2.668 ng/ul
RT: 14.47 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion:165 Resp: 17474
Ion Ratio Lower Upper
165 100
89 70.0 48.0 72.0
121 25.6 18.0 27.0



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: 3.208 ng/ul

RT: 14.64 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

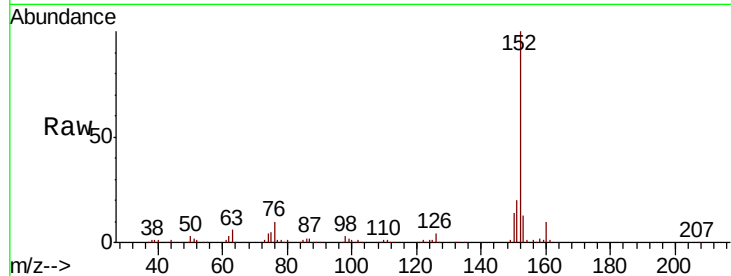
Tot Ion:152 Resp: 142418

Ion Ratio Lower Upper

152 100

151 19.6 15.5 23.3

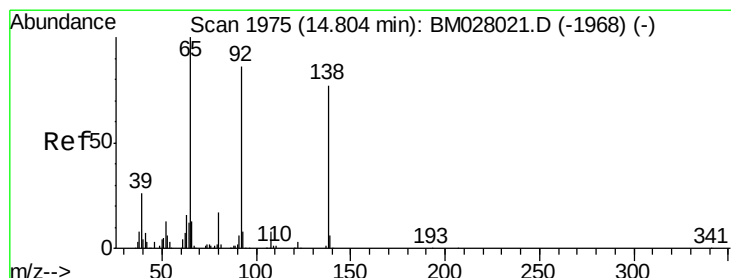
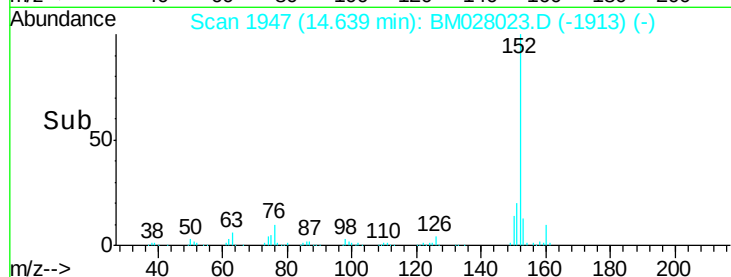
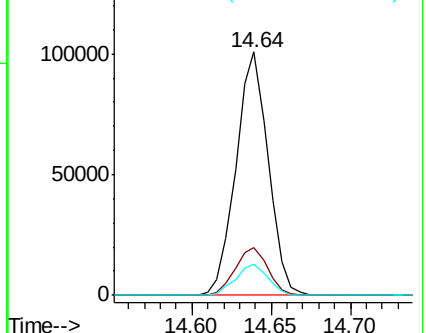
153 12.8 10.6 15.8



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: 2.924 ng/ul

RT: 14.80 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

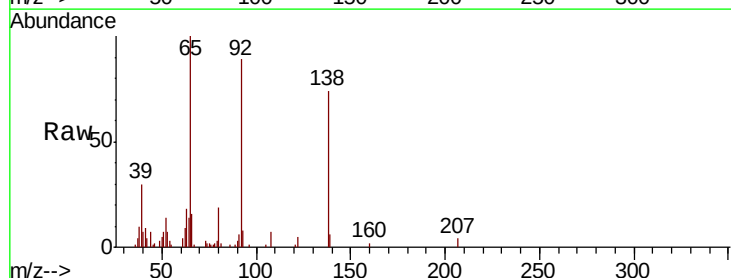
Tgt Ion:138 Resp: 19011

Ion Ratio Lower Upper

138 100

108 10.1 9.0 13.6

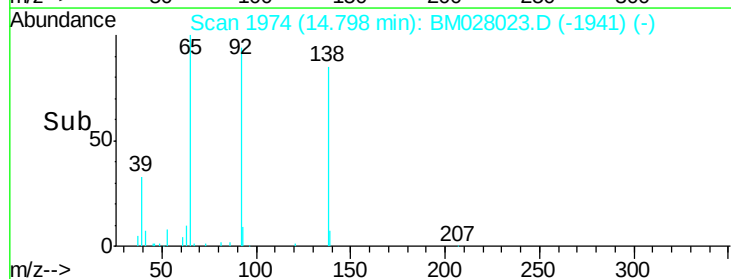
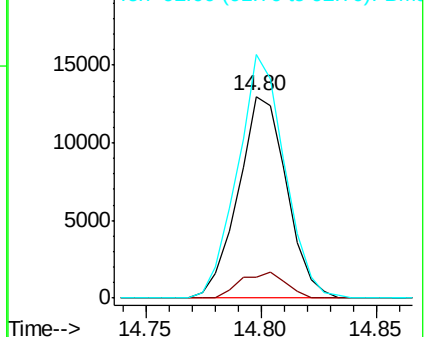
92 120.5 91.9 137.9

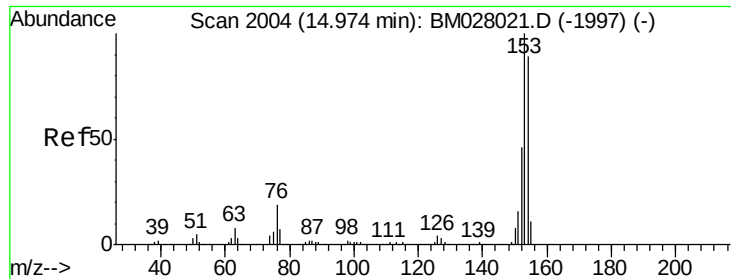


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#52

Acenaphthene

Concen: 3.163 ng/ul

RT: 14.97 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

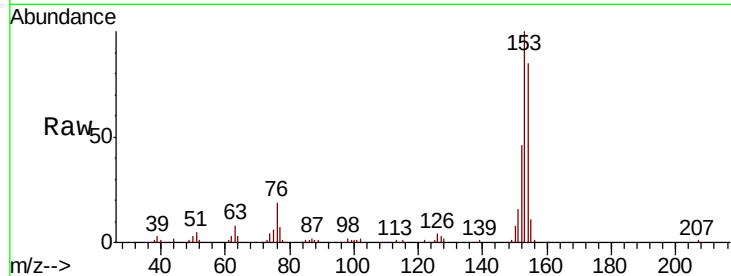
Tot Ion:153 Resp: 100784

Ion Ratio Lower Upper

153 100

152 46.2 36.8 55.2

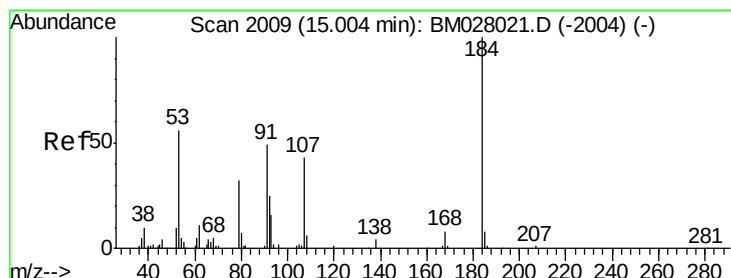
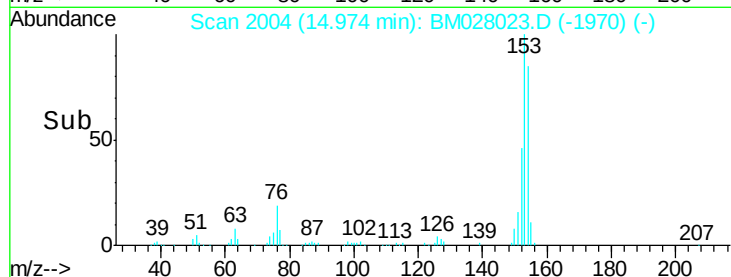
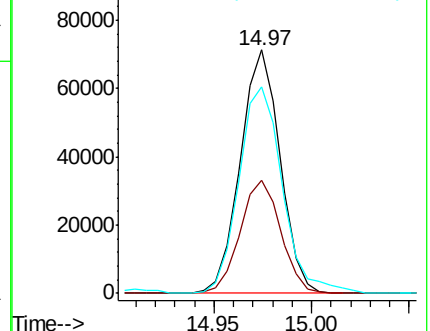
154 84.9 72.0 108.0



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: 1.852 ng/ul

RT: 15.00 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

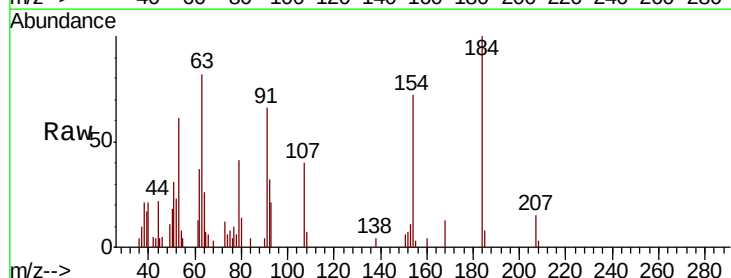
Tgt Ion:184 Resp: 6980

Ion Ratio Lower Upper

184 100

63 81.7 59.8 89.6

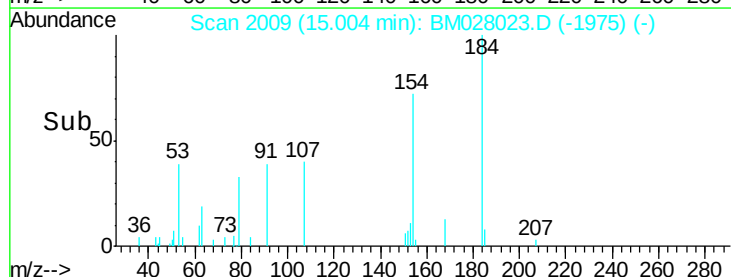
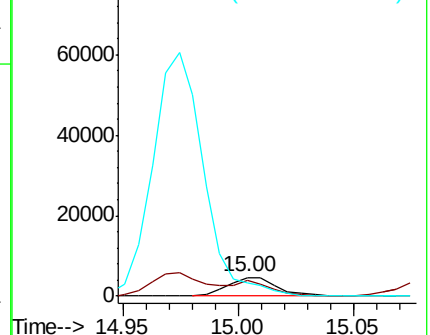
154 71.8 54.7 82.1

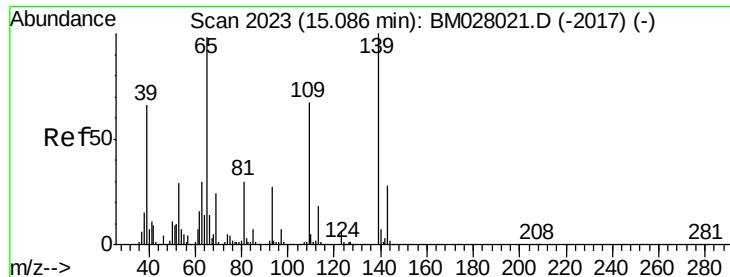


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

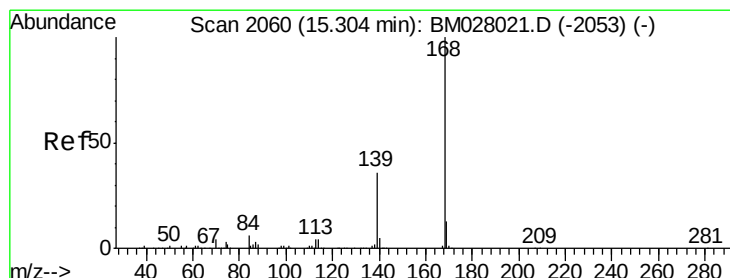
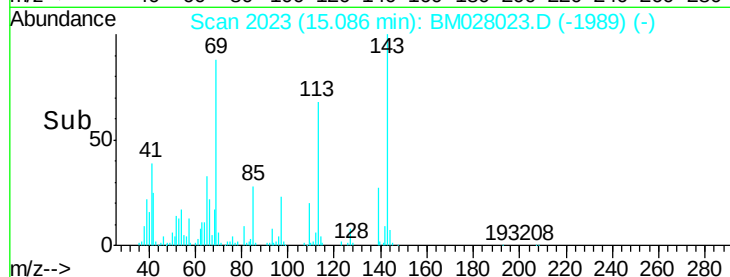
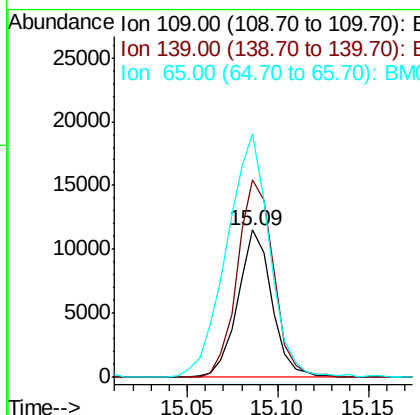
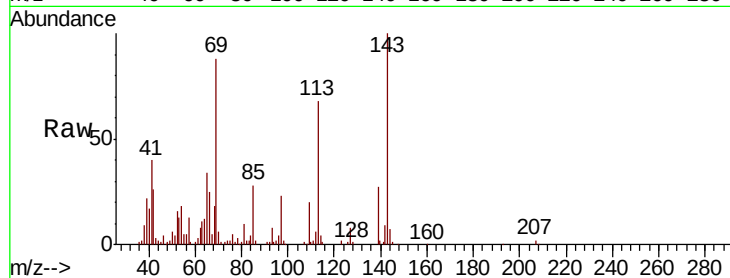




#55
4-Nitrophenol
Concen: 3.207 ng/ul
RT: 15.09 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

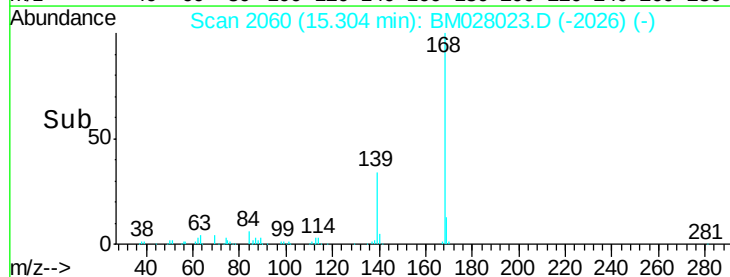
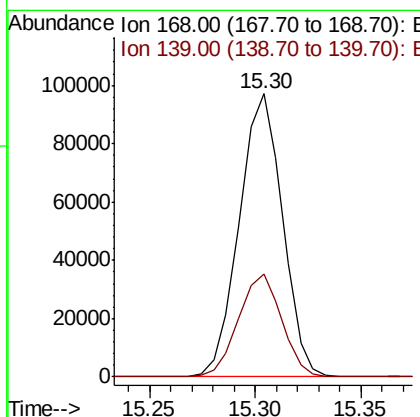
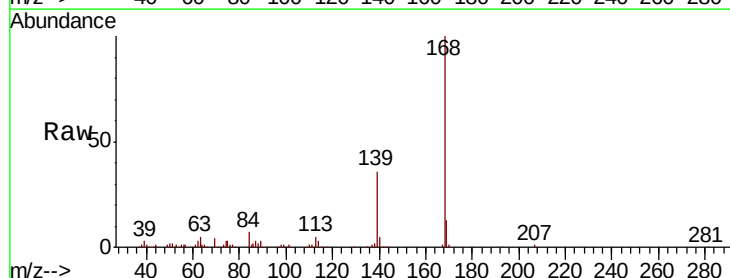
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-01

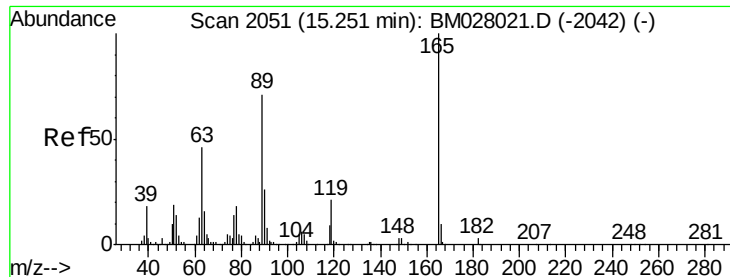
Tot Ion:109 Resp: 15178
Ion Ratio Lower Upper
109 100
139 134.4 109.8 164.6
65 165.1 116.3 174.5



#56
Dibenzofuran
Concen: 3.204 ng/ul
RT: 15.30 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion:168 Resp: 138260
Ion Ratio Lower Upper
168 100
139 36.3 29.2 43.8

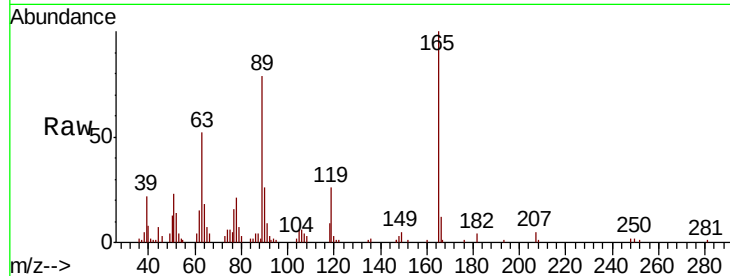




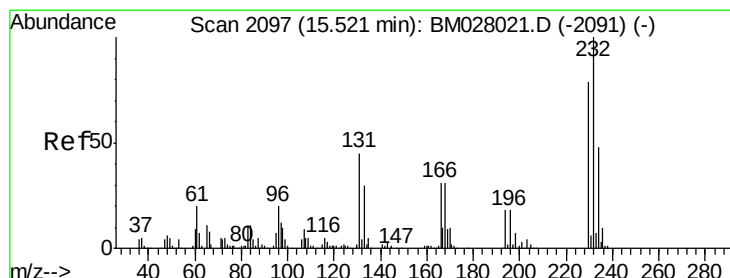
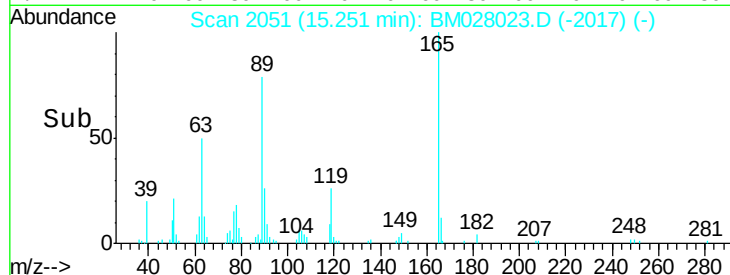
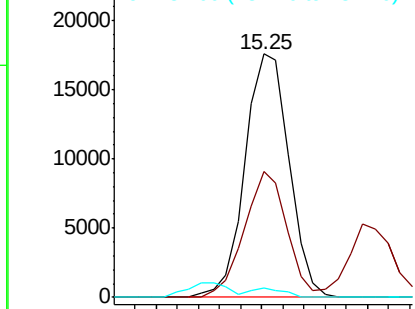
#57
2,4-Dinitrotoluene
Concen: 2.778 ng/ul
RT: 15.25 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-01

Tot Ion:165 Resp: 25498
Ion Ratio Lower Upper
165 100
63 51.7 33.3 49.9#
182 3.7 2.5 3.7

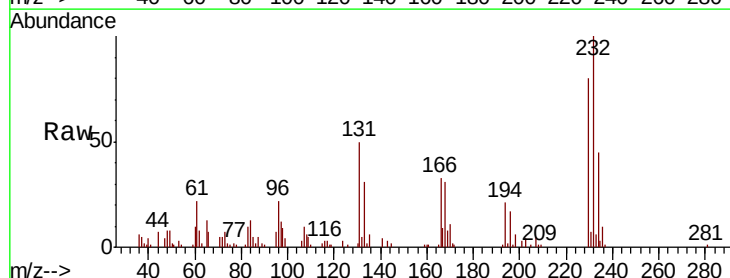


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E

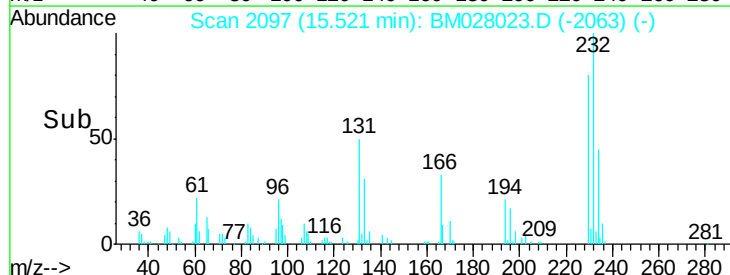
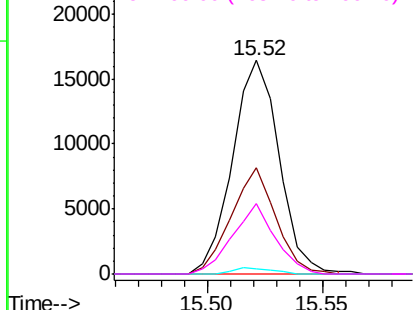


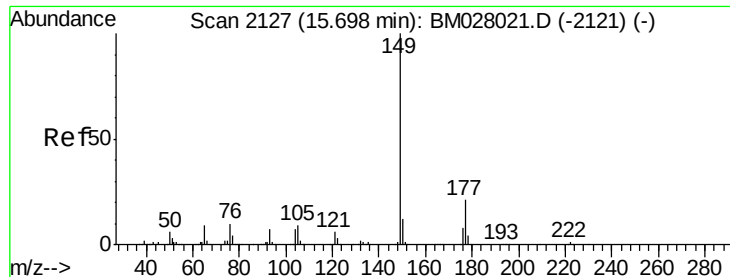
#58
2,3,4,6-Tetrachlorophenol
Concen: 2.921 ng/ul
RT: 15.52 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion:232 Resp: 23179
Ion Ratio Lower Upper
232 100
131 49.7 36.6 54.8
130 2.2 2.0 3.0
166 32.7 25.0 37.4



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

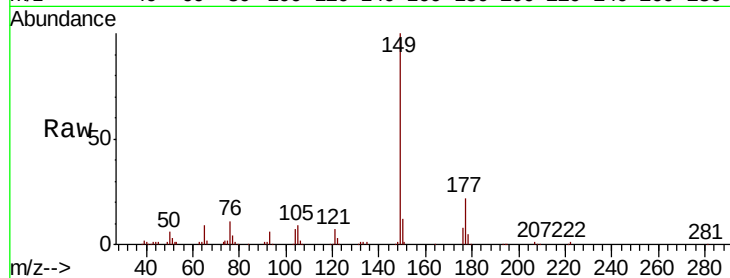




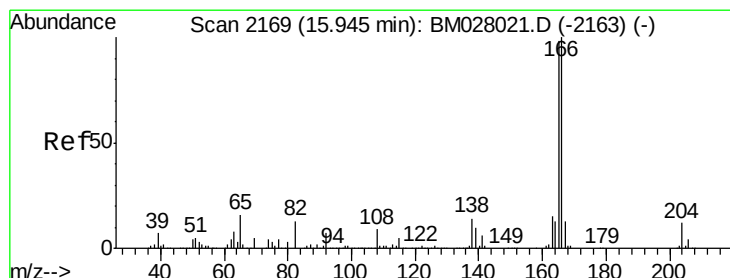
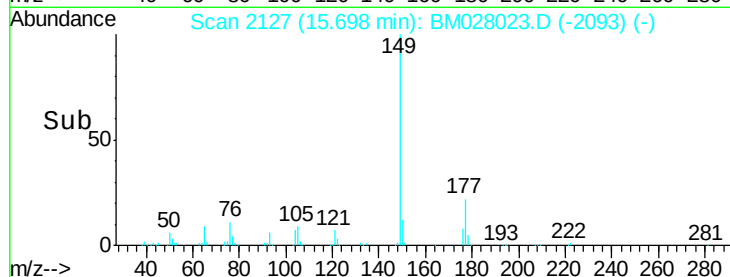
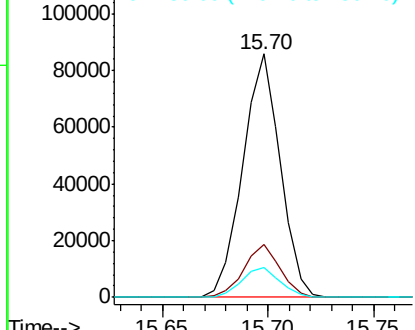
#59
Diethylphthalate
Concen: 3.125 ng/ul
RT: 15.70 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-01

Tot Ion:149 Resp: 105642
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.2 10.1 15.1

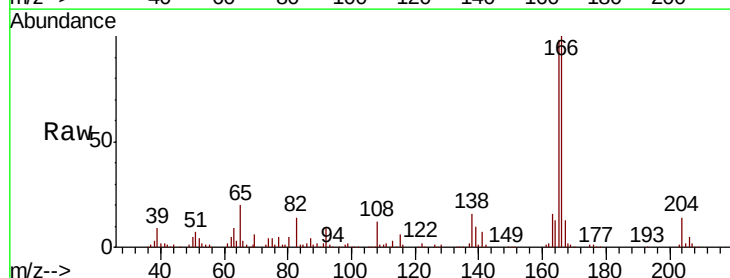


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

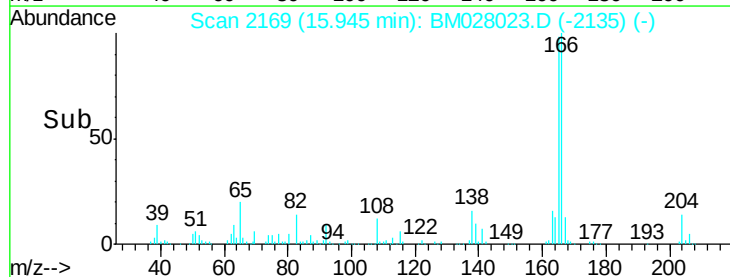
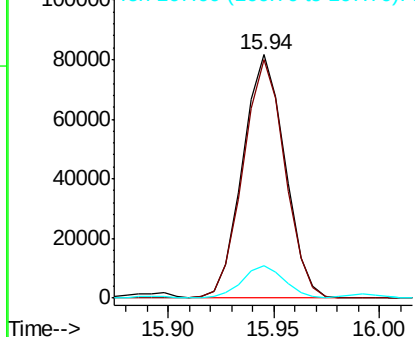


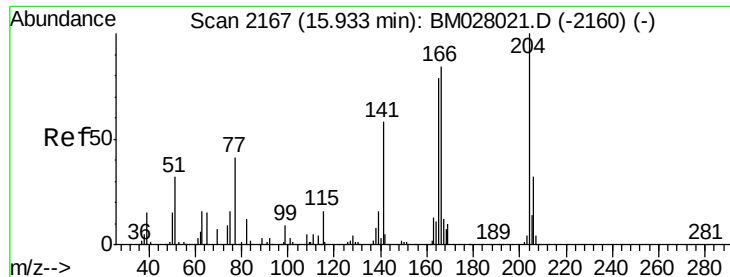
#61
Fluorene
Concen: 3.208 ng/ul
RT: 15.94 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion:166 Resp: 113016
Ion Ratio Lower Upper
166 100
165 97.8 77.5 116.3
167 13.1 10.6 16.0



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: 3.251 ng/ul

RT: 15.93 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampled :

MDL-SOIL-01

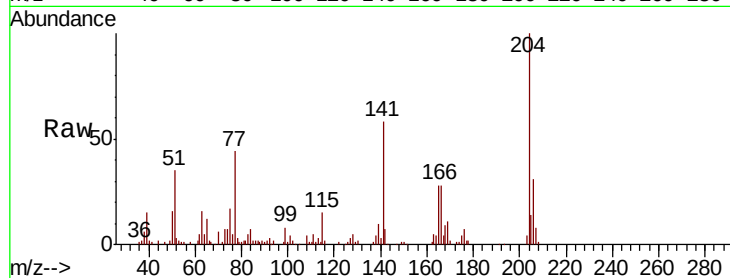
Tot Ion:204 Resp: 56090

Ion Ratio Lower Upper

204 100

206 31.1 25.8 38.8

141 57.8 46.2 69.2

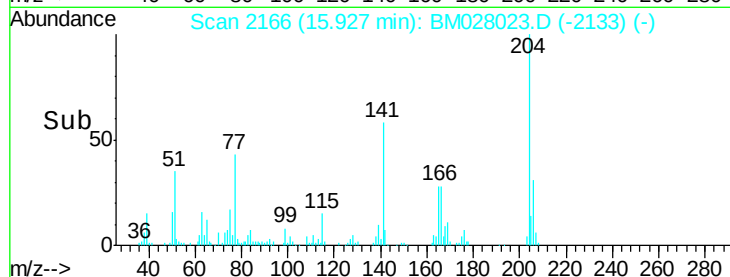


Abundance Ion 204.00 (203.70 to 204.70): E

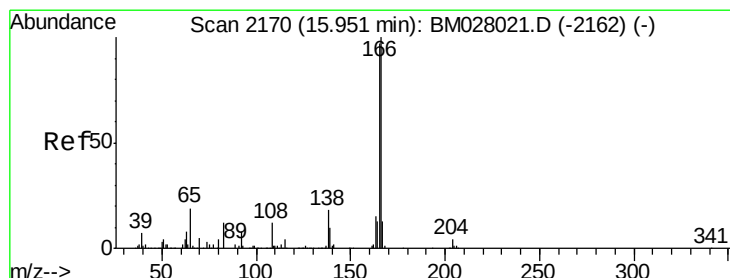
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#63

4-Nitroaniline

Concen: 3.338 ng/ul

RT: 15.94 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

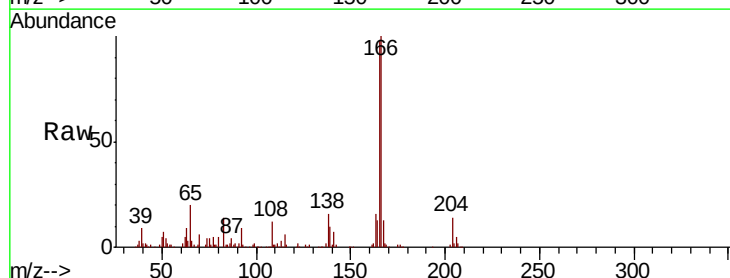
Tgt Ion:138 Resp: 19227

Ion Ratio Lower Upper

138 100

92 55.8 39.1 58.7

108 77.7 55.9 83.9

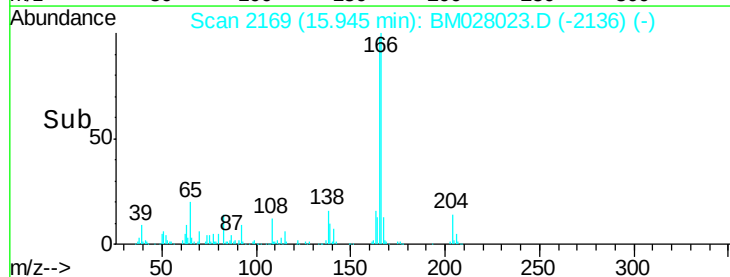


Abundance Ion 138.00 (137.70 to 138.70): E

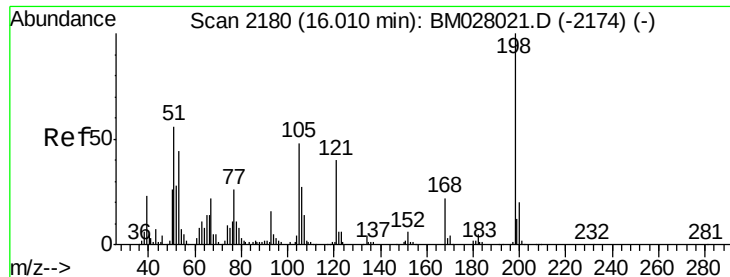
Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

Time-->



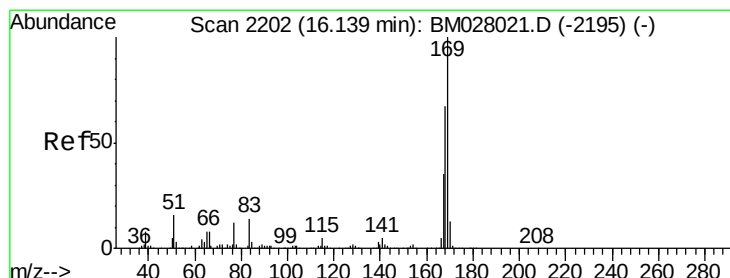
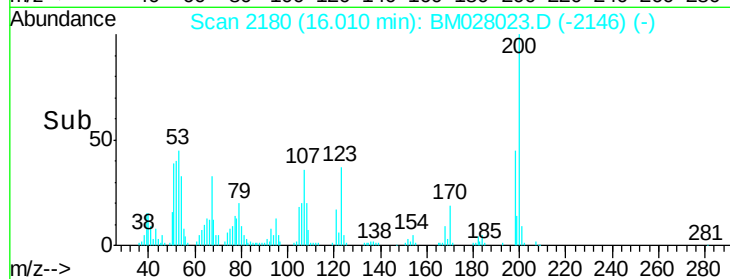
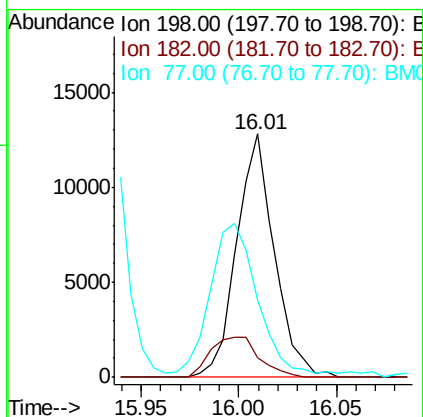
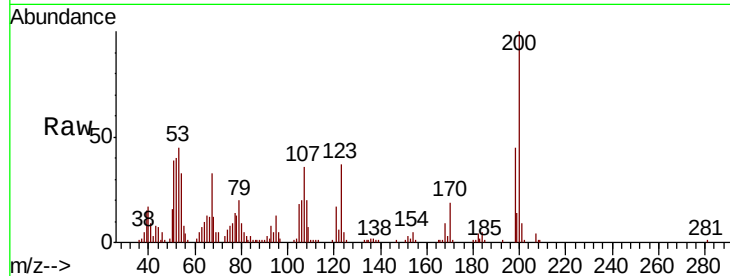
Time-->



#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.030 ng/ul
 RT: 16.01 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BM028023.D
 Acq: 04 Dec 2020 10:38

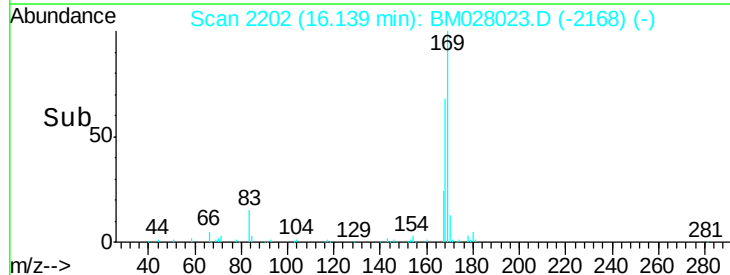
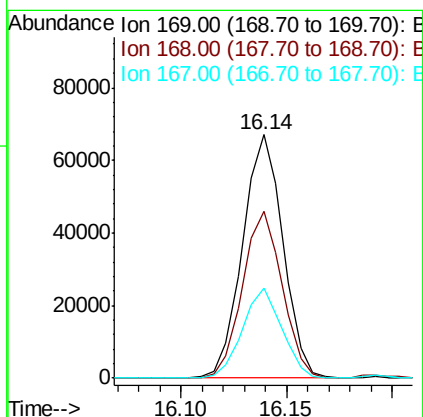
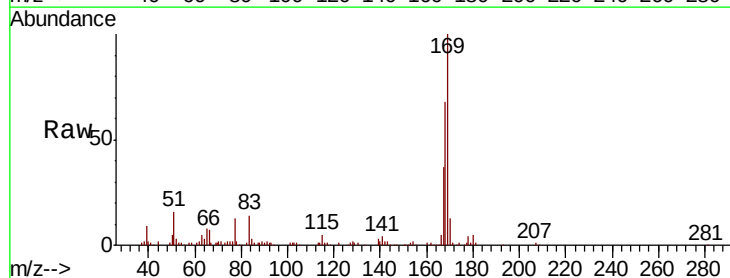
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-01

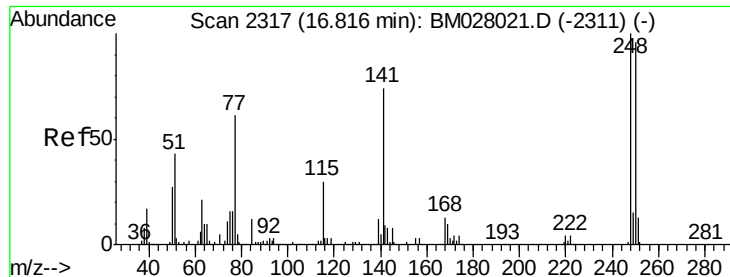
Tot Ion:198 Resp: 17211
 Ion Ratio Lower Upper
 198 100
 182 8.1 3.5 5.3#
 77 32.0 20.2 30.4#



#67
 N-Nitrosodiphenylamine
 Concen: 3.044 ng/ul
 RT: 16.14 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BM028023.D
 Acq: 04 Dec 2020 10:38

Tgt Ion:169 Resp: 88976
 Ion Ratio Lower Upper
 169 100
 168 68.4 52.8 79.2
 167 36.8 28.8 43.2

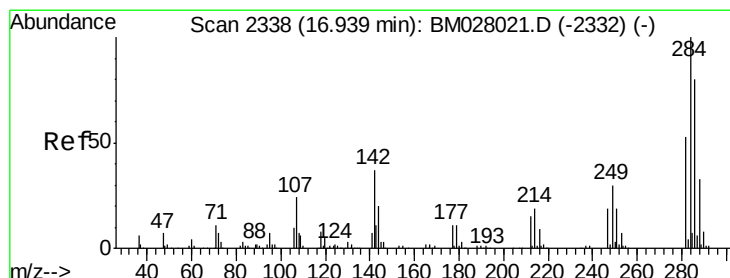
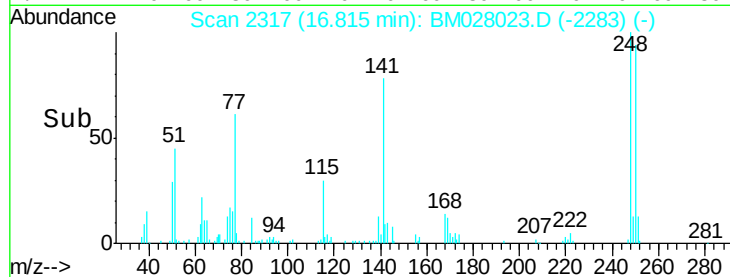
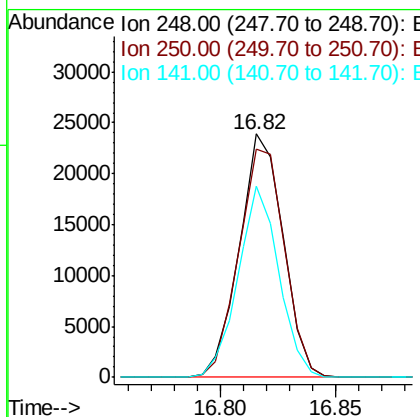
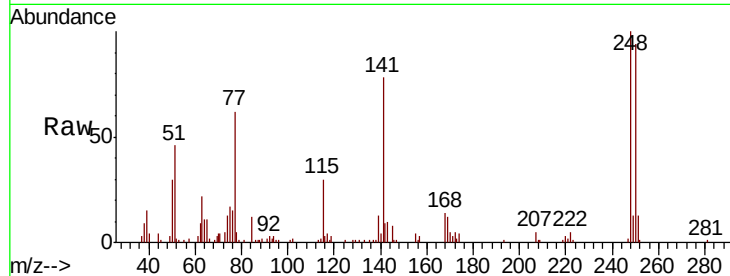




#68
4-Bromophenyl-phenylether
Concen: 3.116 ng/ul
RT: 16.82 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

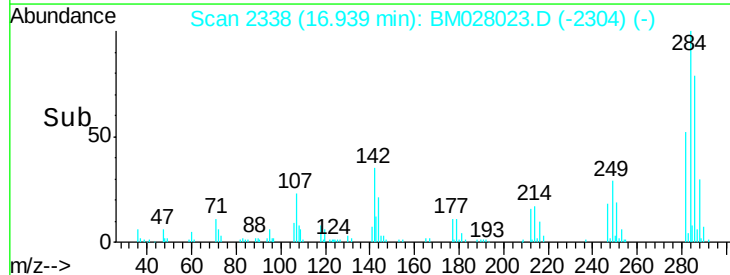
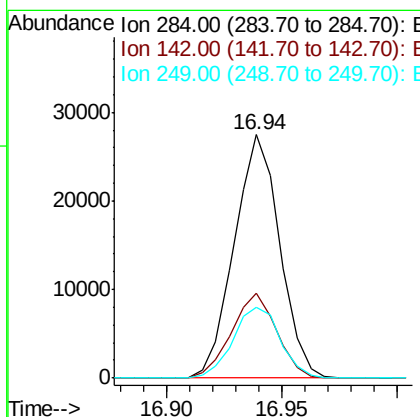
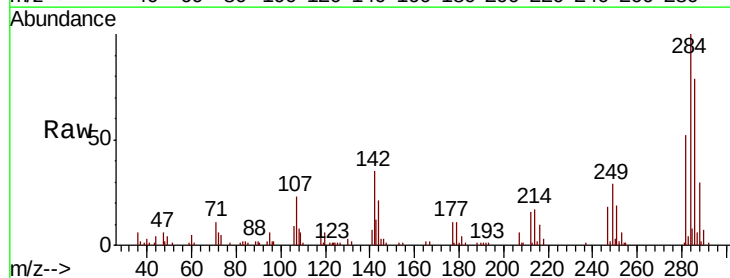
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-01

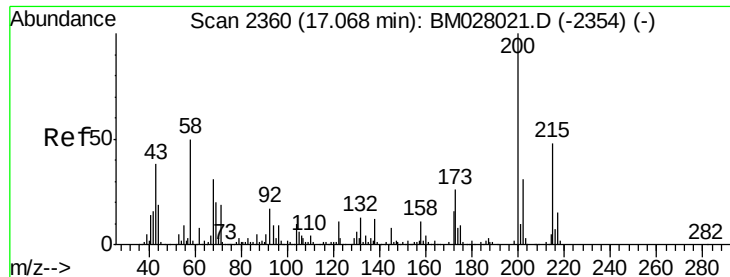
Tot Ion:248 Resp: 31654
Ion Ratio Lower Upper
248 100
250 94.0 77.7 116.5
141 78.5 53.3 79.9



#69
Hexachlorobenzene
Concen: 3.216 ng/ul
RT: 16.94 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion:284 Resp: 37682
Ion Ratio Lower Upper
284 100
142 34.7 28.6 42.8
249 29.0 23.8 35.6





#70

Atrazine

Concen: 2.836 ng/ul

RT: 17.07 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

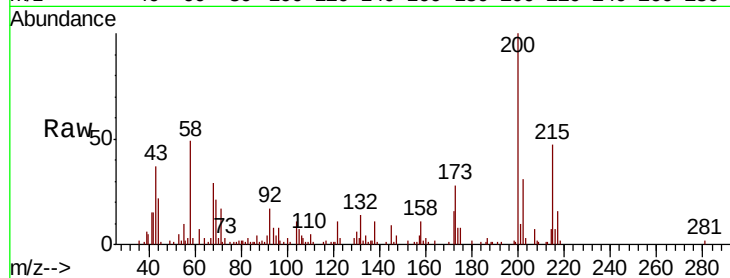
Tot Ion:200 Resp: 28051

Ion Ratio Lower Upper

200 100

173 27.8 22.3 33.5

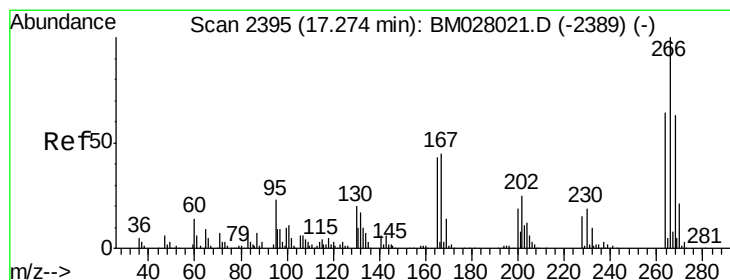
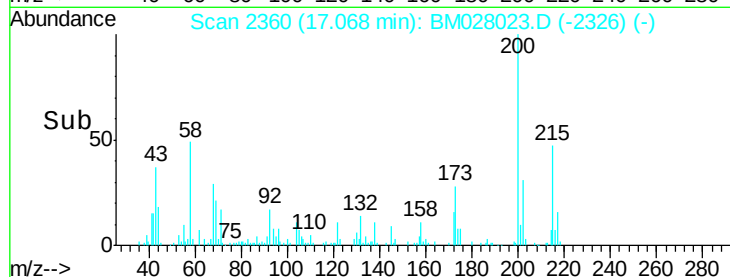
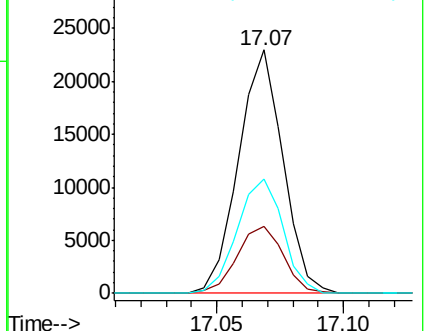
215 46.8 38.4 57.6



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: 2.523 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

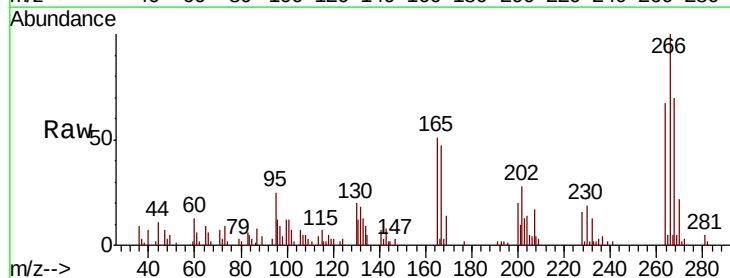
Tgt Ion:266 Resp: 16547

Ion Ratio Lower Upper

266 100

264 67.0 50.2 75.4

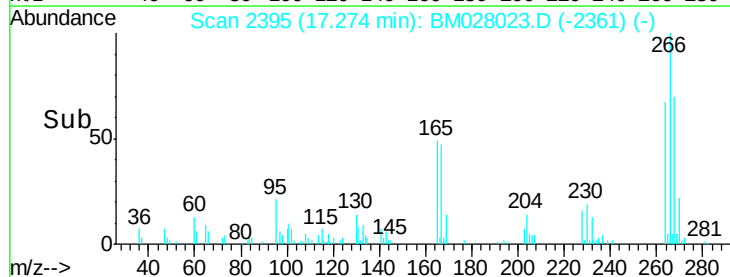
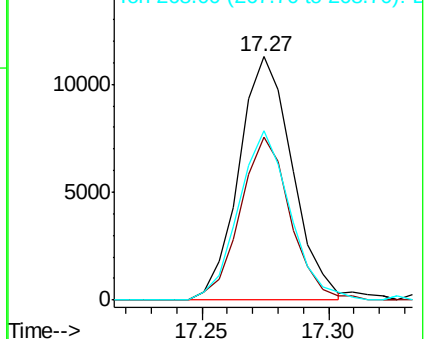
268 69.8 51.2 76.8

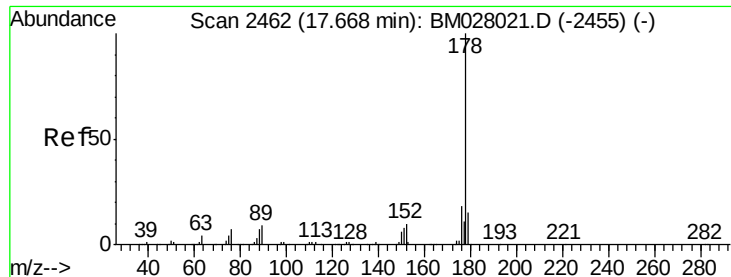


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 3.193 ng/ul

RT: 17.67 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

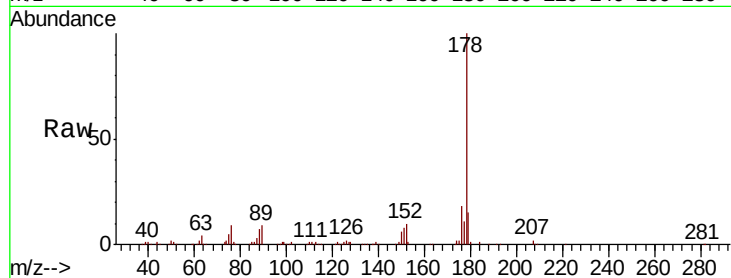
Tot Ion:178 Resp: 172538

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

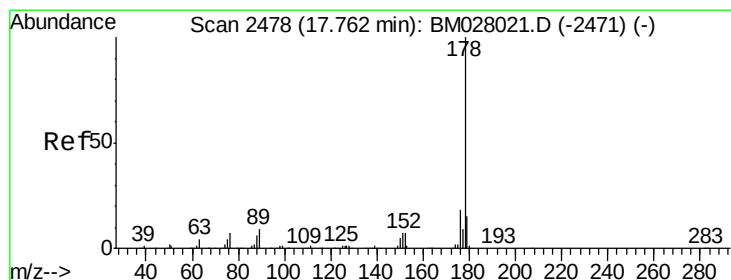
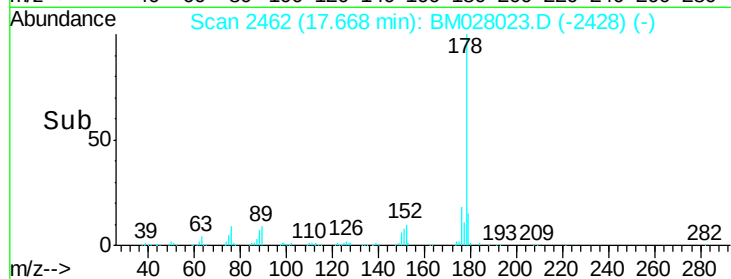
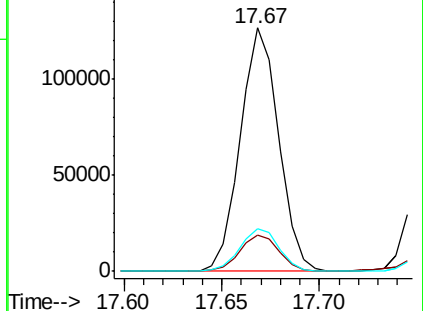
176 17.7 14.2 21.4



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: 3.199 ng/ul

RT: 17.76 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

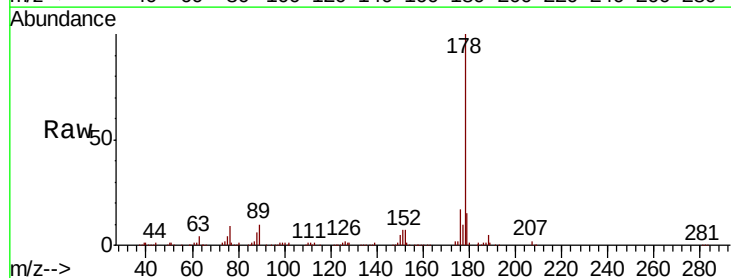
Tgt Ion:178 Resp: 176060

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.4

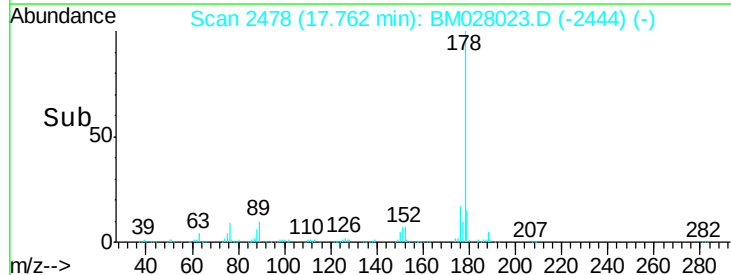
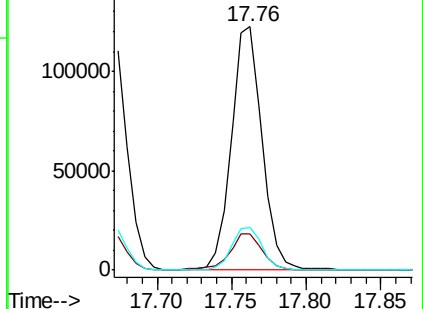
176 17.3 14.5 21.7

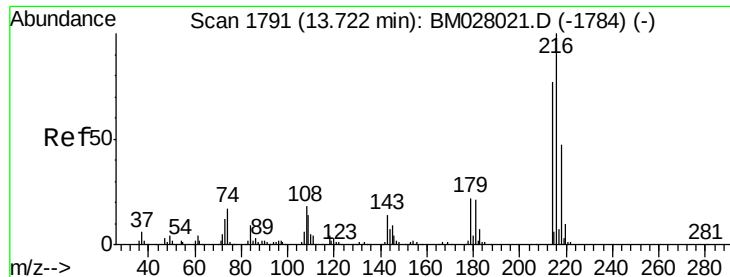


Abundance Ion 178.00 (177.70 to 178.70): E

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: 3.197 ng/uL

RT: 13.72 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

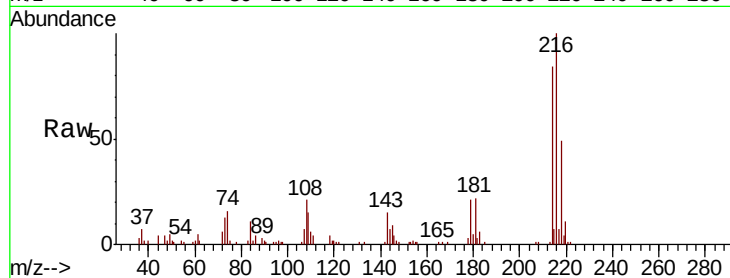
Tot Ion:216 Resp: 47984

Ion Ratio Lower Upper

216 100

214 84.2 63.0 94.6

218 48.9 37.8 56.8

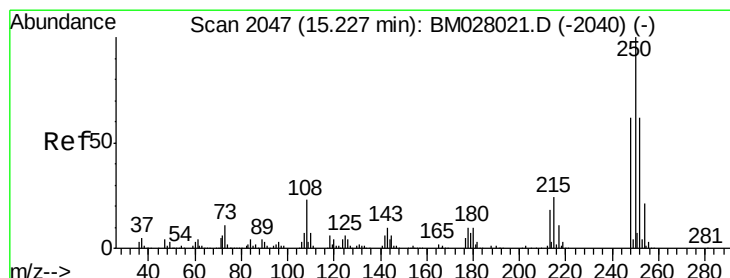
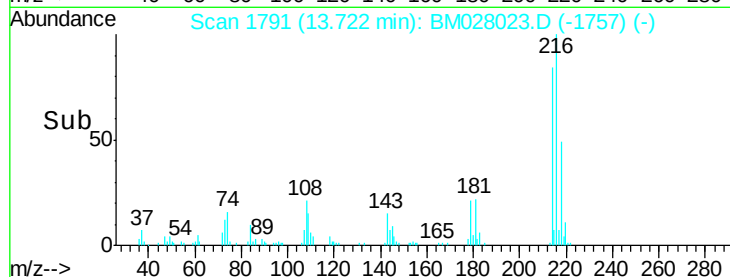
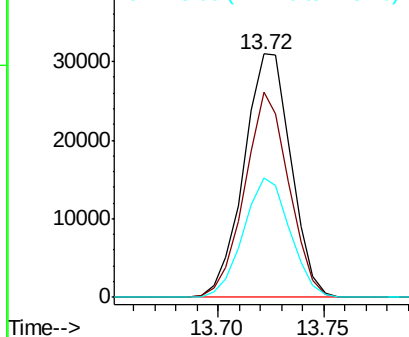


Abundance

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: 3.184 ng/uL

RT: 15.22 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

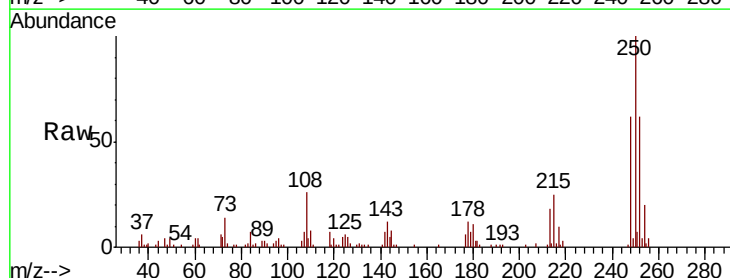
Tgt Ion:250 Resp: 45802

Ion Ratio Lower Upper

250 100

248 61.7 50.8 76.2

252 62.3 50.5 75.7

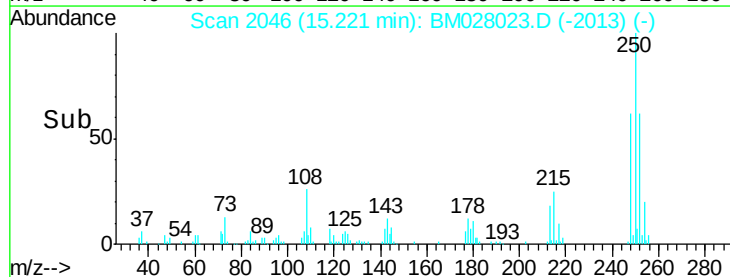
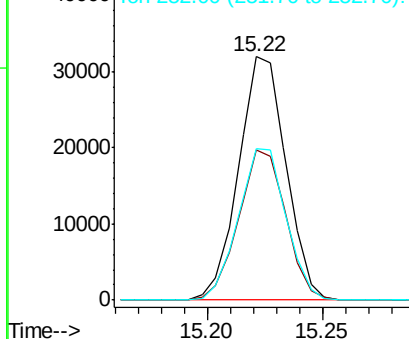


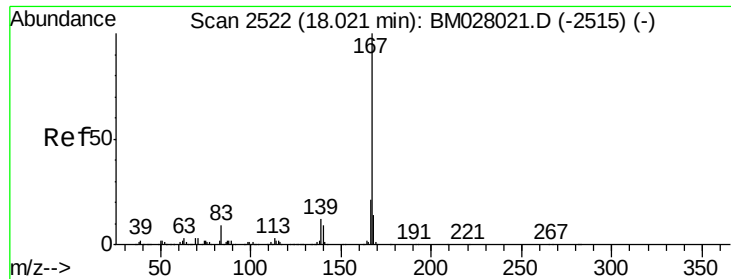
Abundance

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: 3.014 ng/ul

RT: 18.02 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

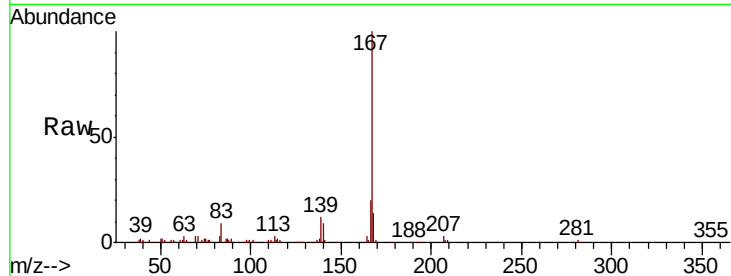
Tot Ion:167 Resp: 141179

Ion Ratio Lower Upper

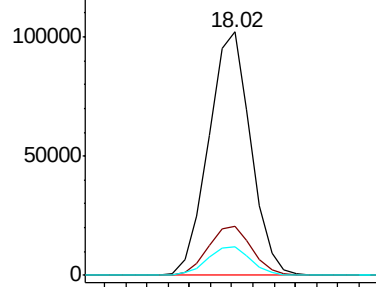
167 100

166 20.0 16.6 25.0

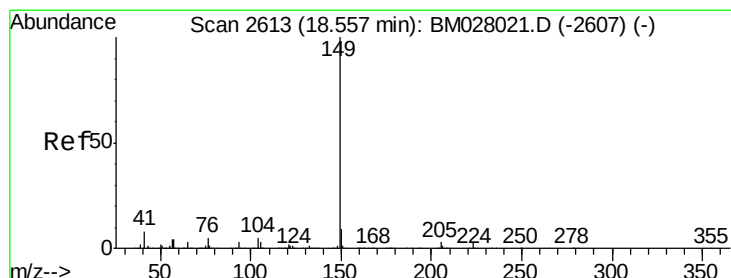
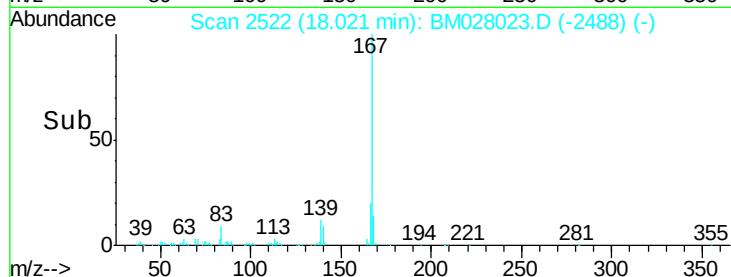
139 11.5 9.8 14.8



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



Time-->



#78

Di-n-butylphthalate

Concen: 2.879 ng/ul

RT: 18.56 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

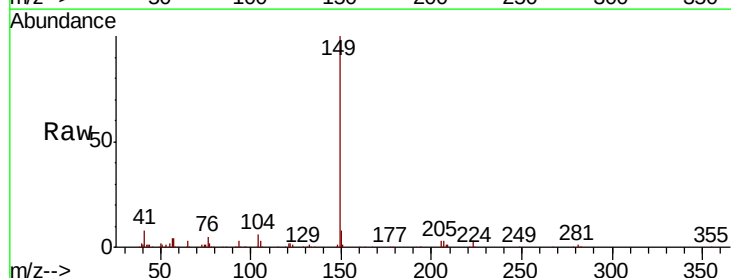
Tgt Ion:149 Resp: 153715

Ion Ratio Lower Upper

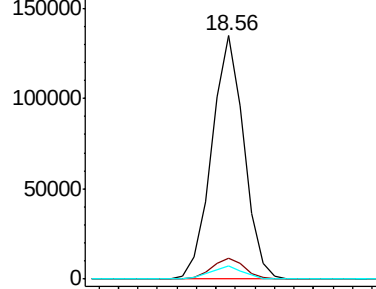
149 100

150 8.5 7.2 10.8

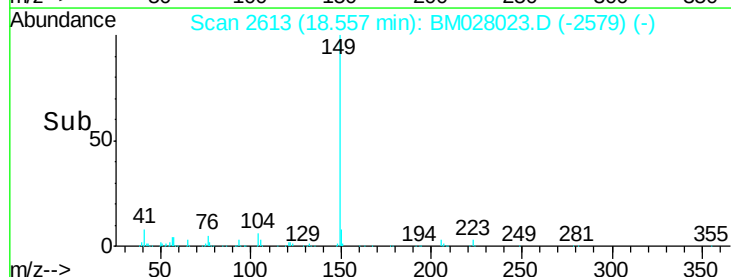
104 5.6 4.0 6.0

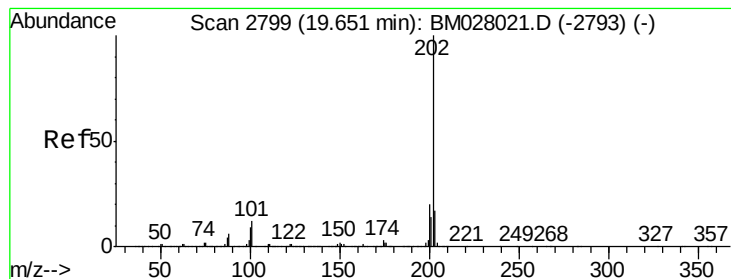


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#80

Fluoranthene

Concen: 3.065 ng/ul

RT: 19.65 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

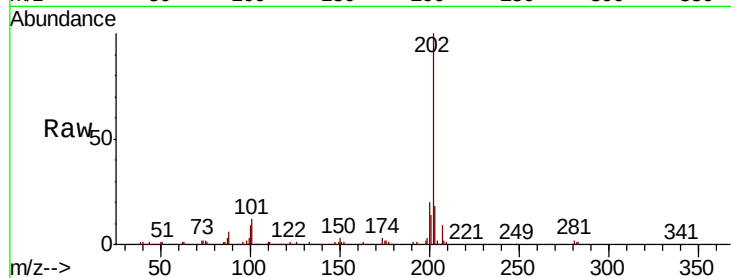
Tot Ion:202 Resp: 182838

Ion Ratio Lower Upper

202 100

101 11.9 9.9 14.9

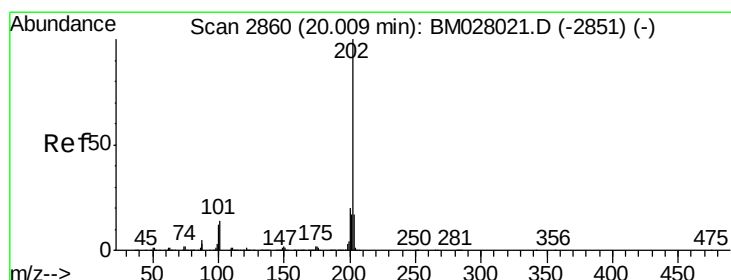
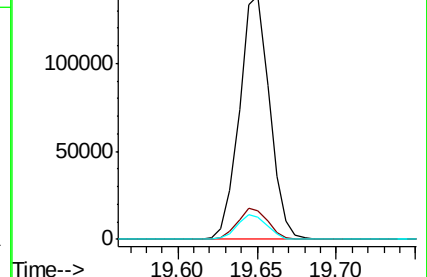
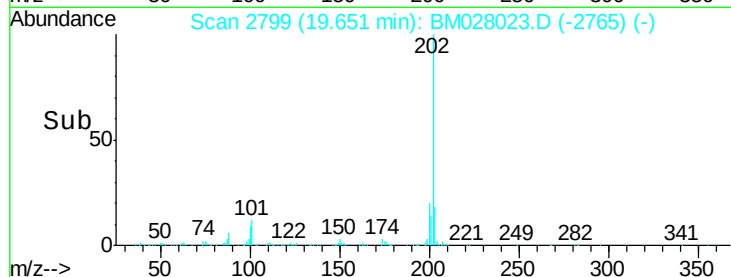
100 9.2 7.5 11.3



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: 3.219 ng/ul

RT: 20.01 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

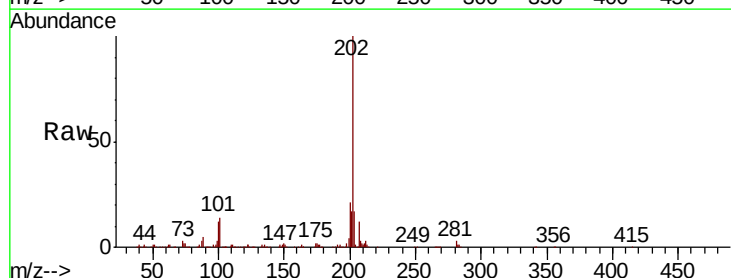
Tgt Ion:202 Resp: 200398

Ion Ratio Lower Upper

202 100

101 14.3 11.6 17.4

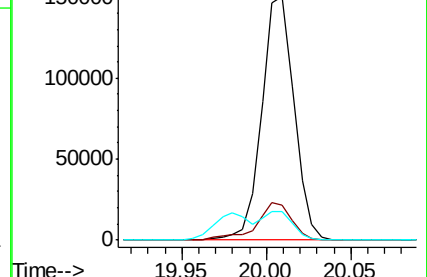
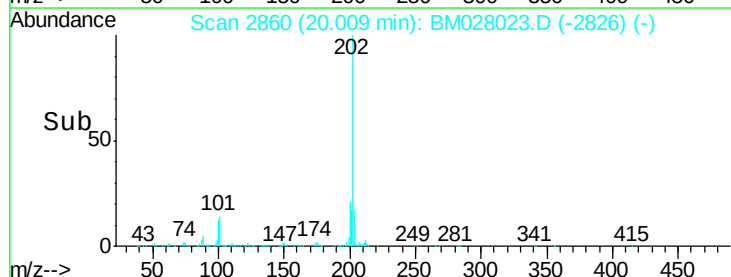
100 11.7 9.5 14.3

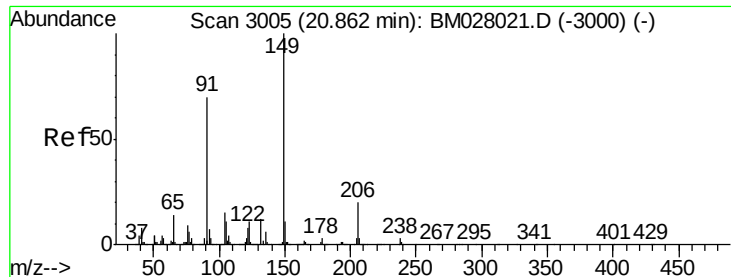


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

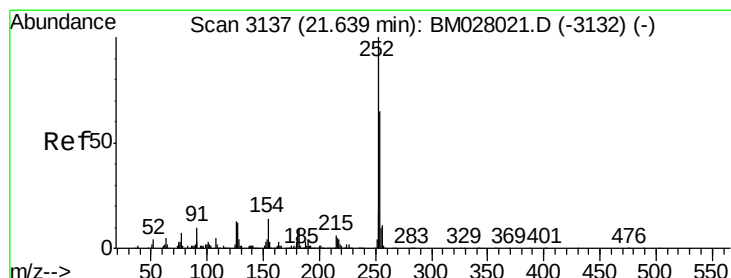
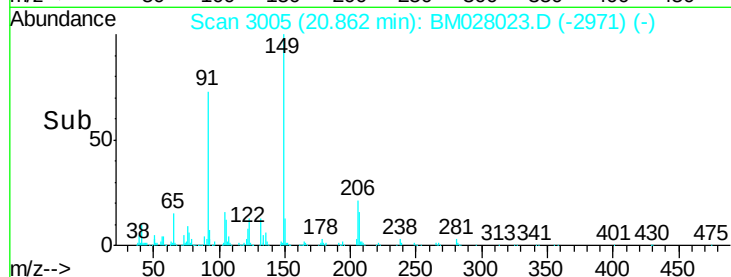
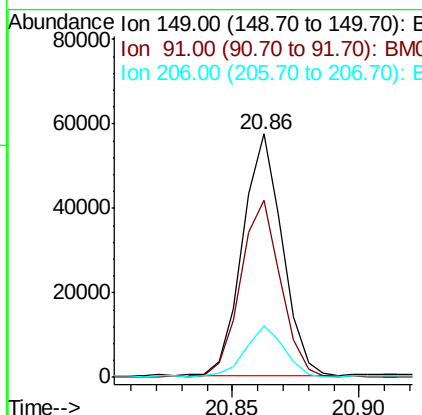
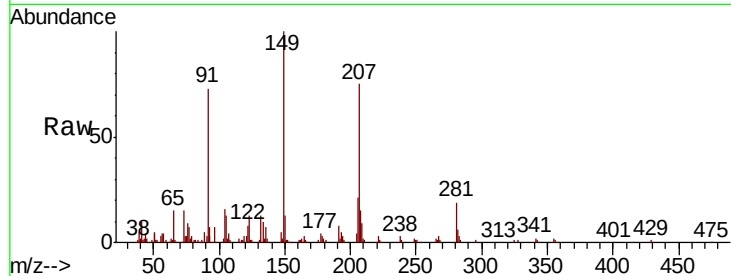




#83
Butylbenzylphthalate
Concen: 2.767 ng/ul
RT: 20.86 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

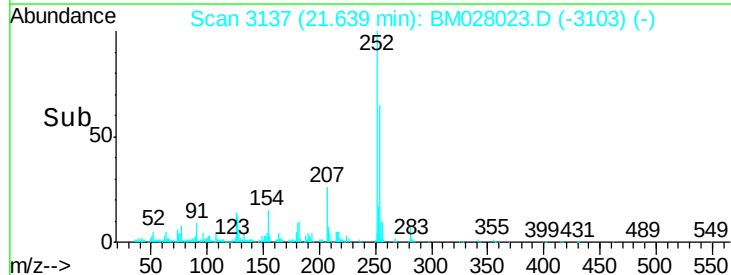
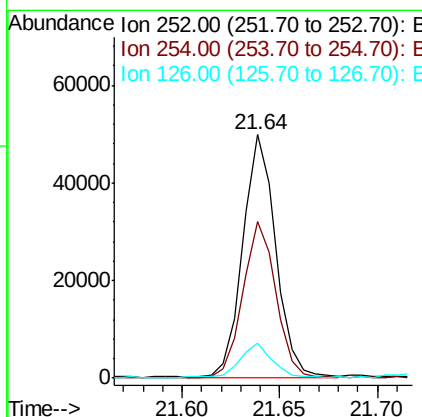
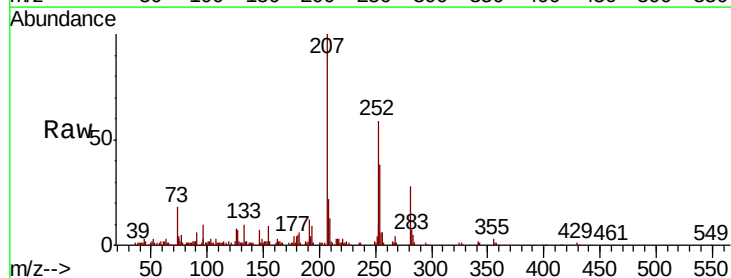
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-01

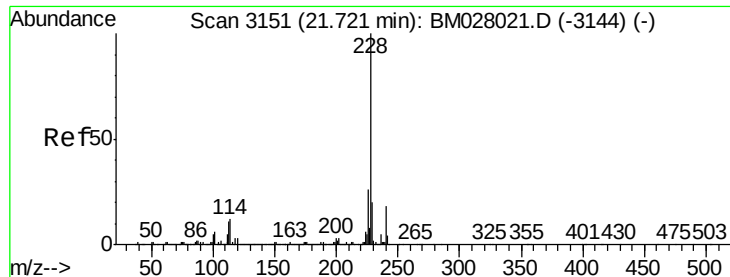
Tot Ion:149 Resp: 61833
Ion Ratio Lower Upper
149 100
91 72.9 57.7 86.5
206 21.5 15.3 22.9



#84
3,3'-Dichlorobenzidine
Concen: 3.023 ng/ul
RT: 21.64 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion:252 Resp: 58099
Ion Ratio Lower Upper
252 100
254 64.5 52.7 79.1
126 14.2 9.1 13.7#





#85

Benzo(a)anthracene

Concen: 3.176 ng/ul

RT: 21.72 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

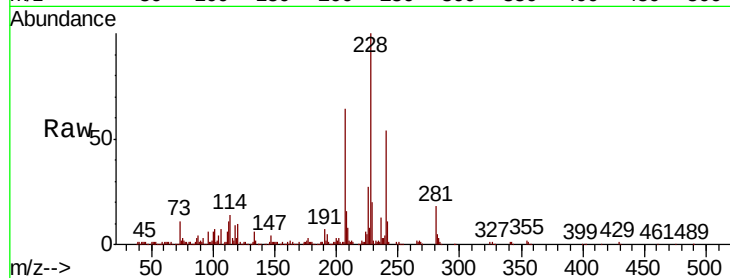
BNA_M

ClientSampleId :

MDL-SOIL-01

Tot Ion:228 Resp: 182847

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	27.3	20.4	30.6

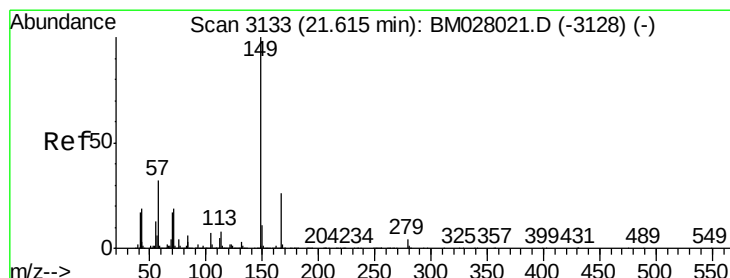
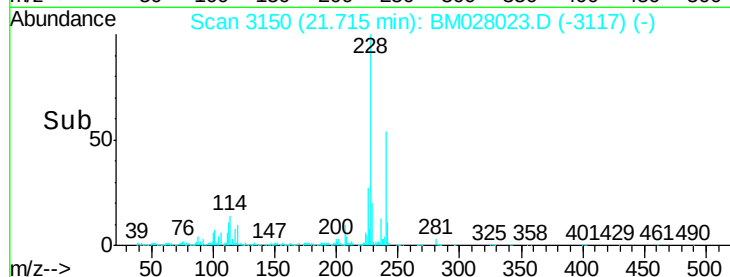
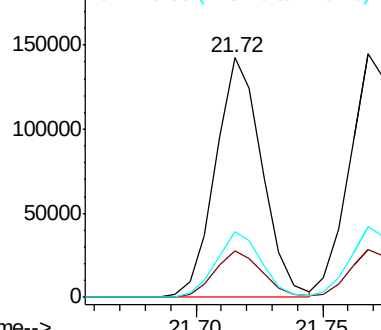


Abundance

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: 2.780 ng/ul

RT: 21.62 min Scan# 3133

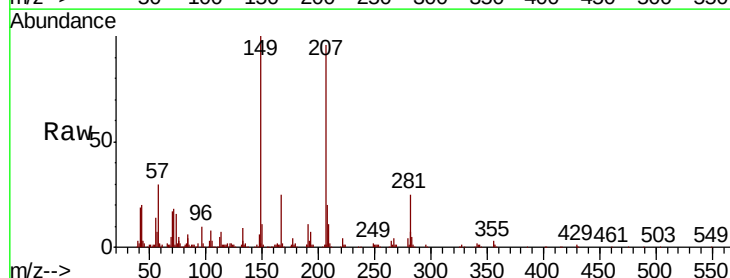
Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Tgt Ion:149 Resp: 93974

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.6	30.8
279	4.3	3.1	4.7

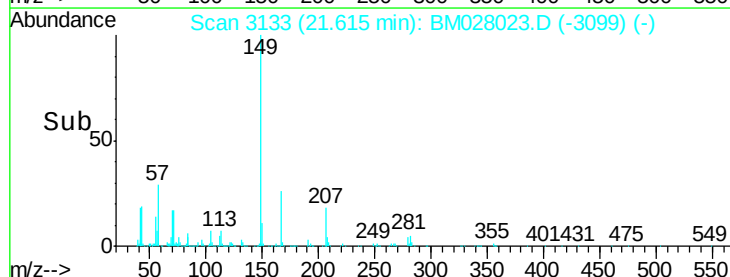
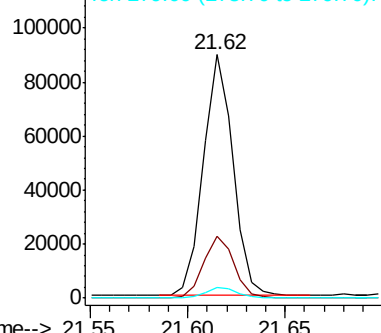


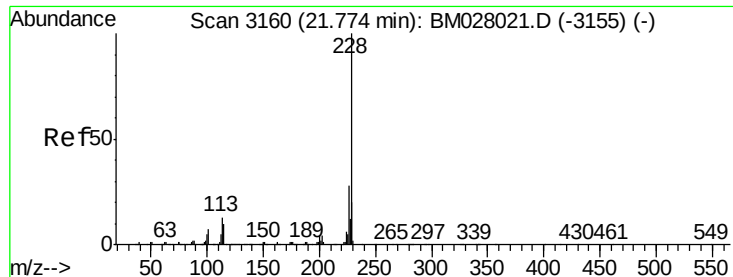
Abundance

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

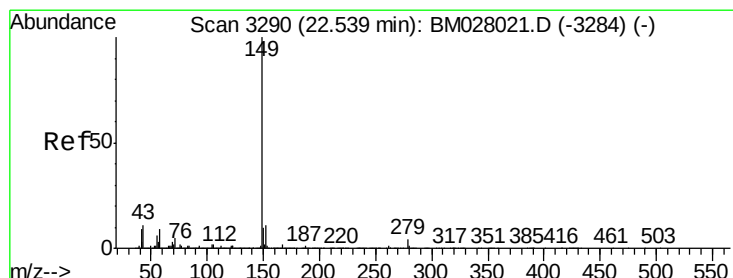
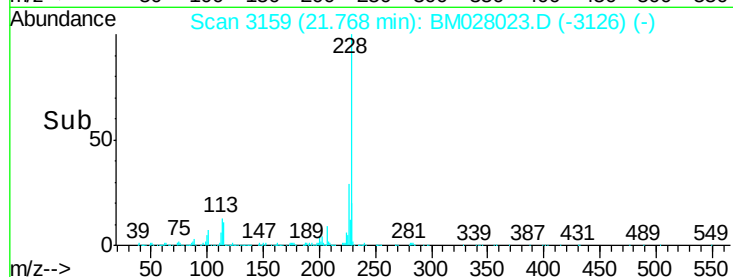
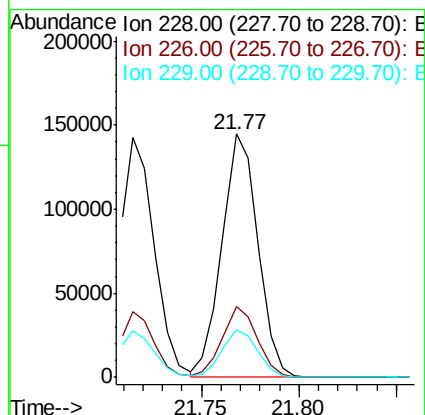
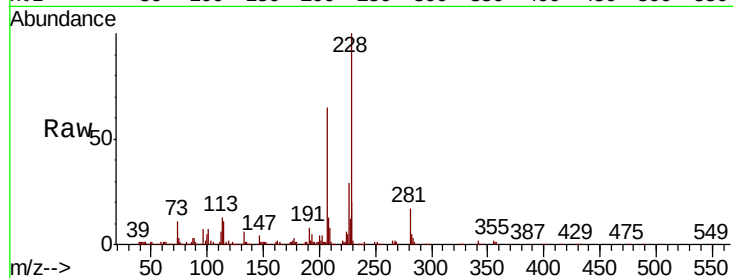




#87
Chrysene
Concen: 3.266 ng/ul
RT: 21.77 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

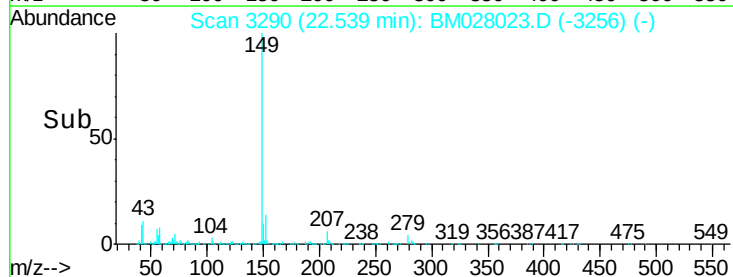
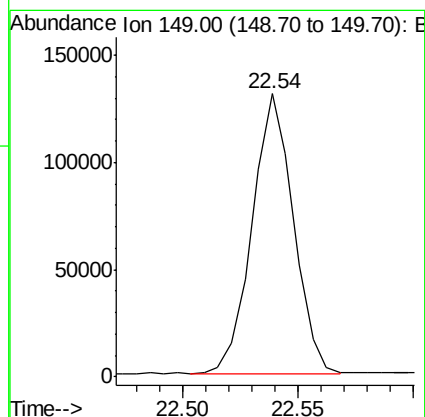
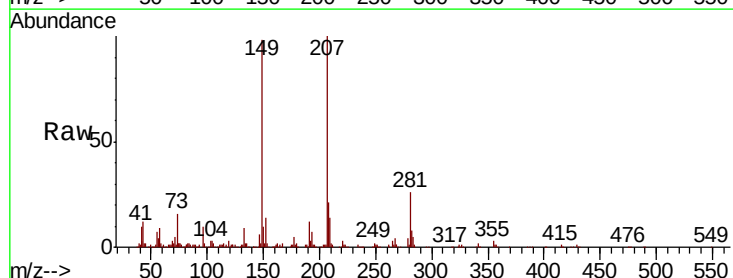
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-01

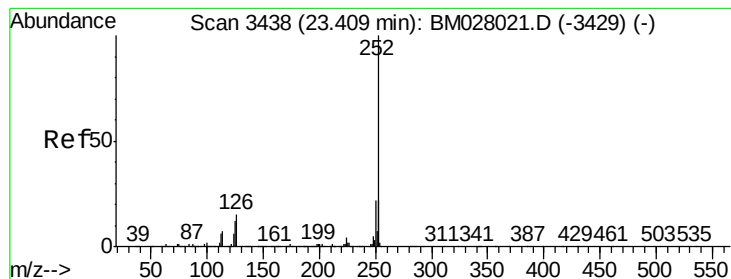
Tot Ion:228 Resp: 185822
Ion Ratio Lower Upper
228 100
226 29.1 23.2 34.8
229 19.8 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 2.622 ng/ul
RT: 22.54 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BM028023.D
Acq: 04 Dec 2020 10:38

Tgt Ion:149 Resp: 162421





#90

Benzo(b)fluoranthene

Concen: 3.090 ng/ul

RT: 23.40 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

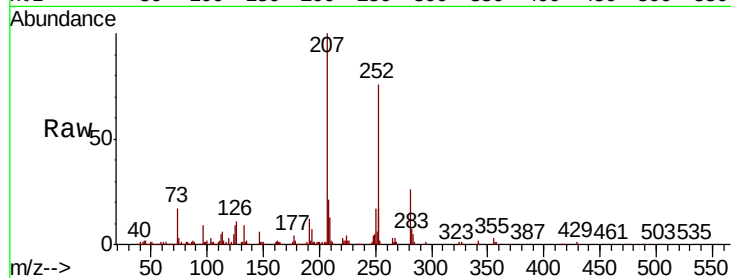
Tot Ion:252 Resp: 186344

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

125 12.5 9.0 13.6

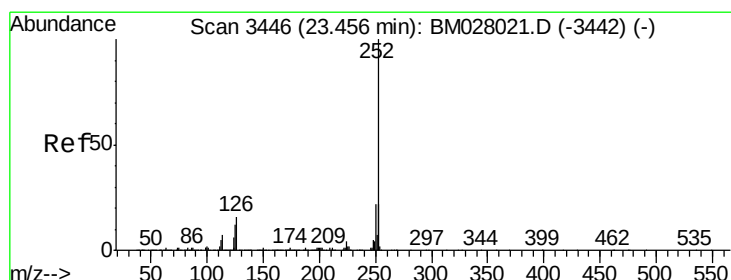
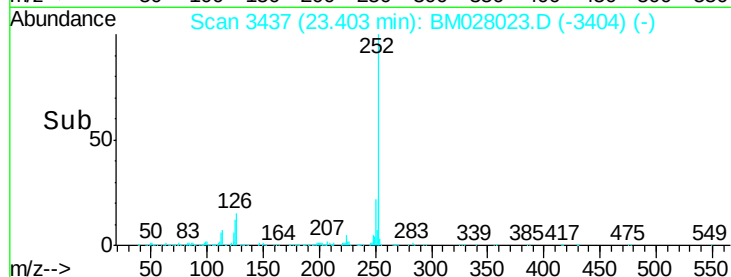
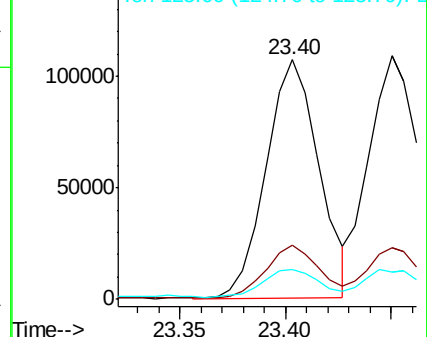


Abundance

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: 3.153 ng/ul

RT: 23.45 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

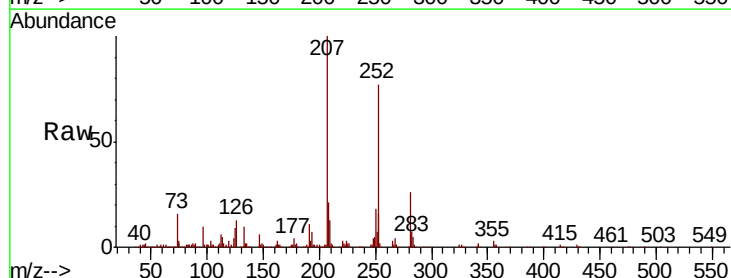
Tgt Ion:252 Resp: 183489

Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

125 11.4 9.4 14.2

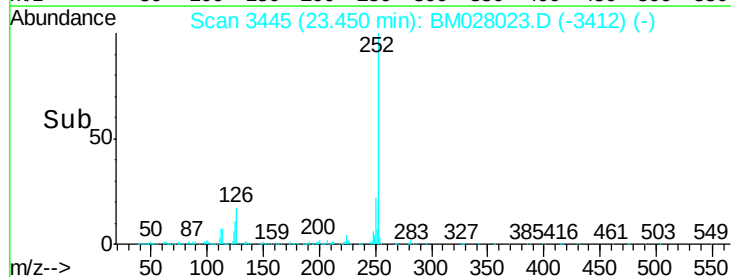
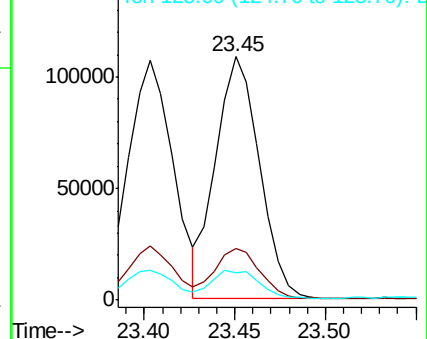


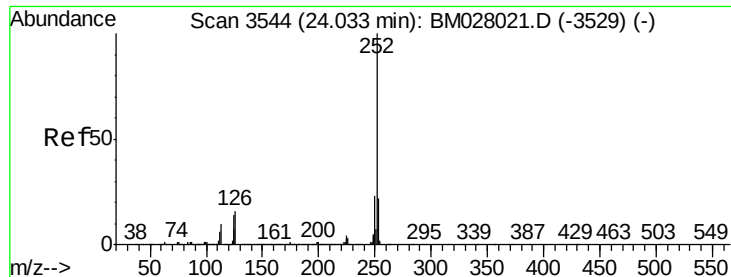
Abundance

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: 3.234 ng/ul

RT: 24.03 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

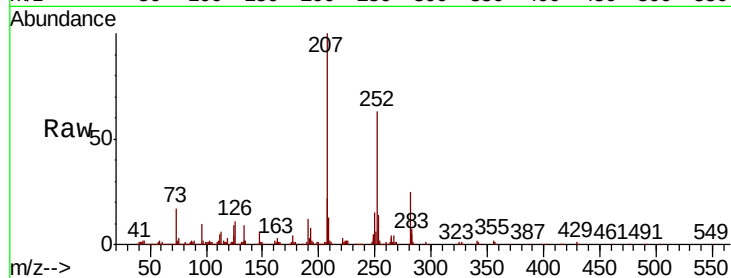
Tot Ion:252 Resp: 177388

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

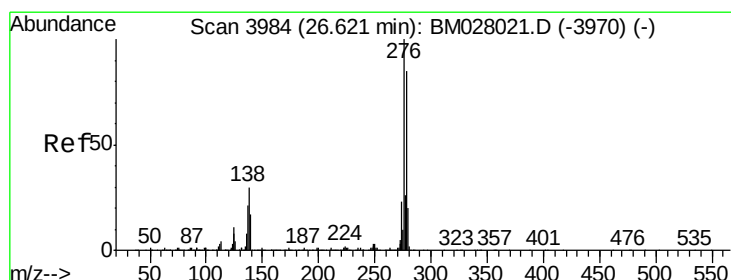
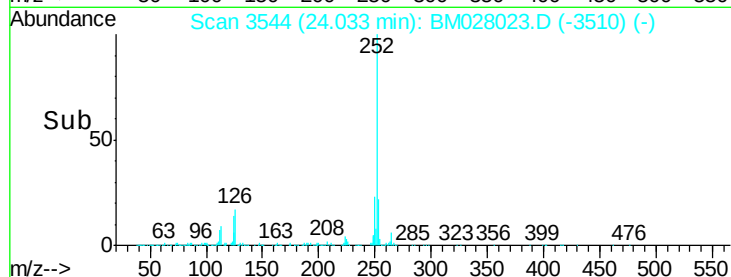
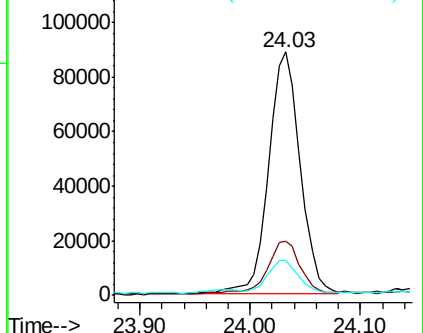
125 14.5 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.158 ng/ul

RT: 26.61 min Scan# 3982

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

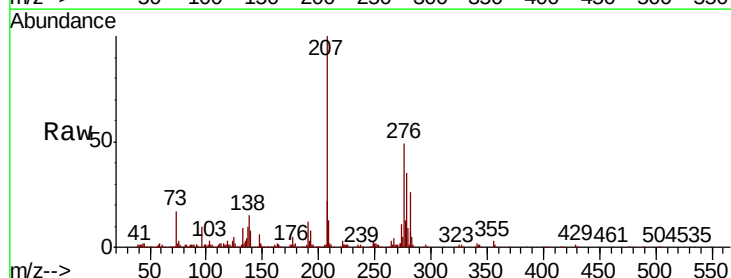
Tgt Ion:276 Resp: 212700

Ion Ratio Lower Upper

276 100

138 30.4 25.2 37.8

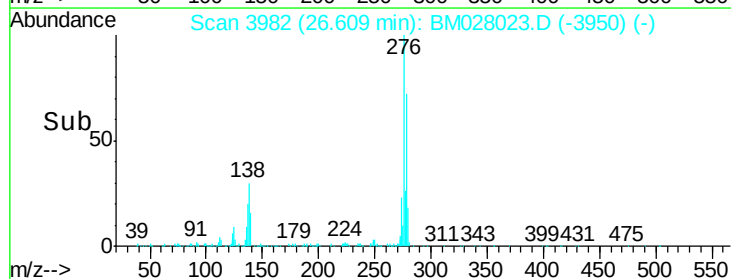
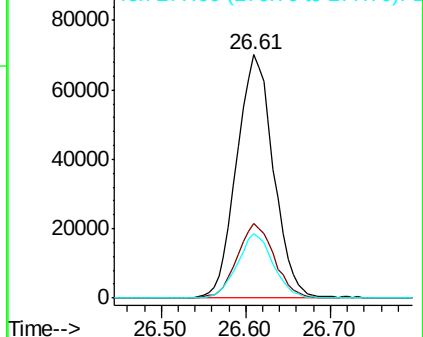
277 26.2 20.6 31.0

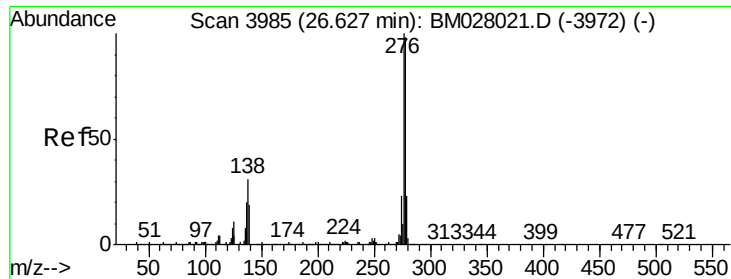


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 3.175 ng/ul

RT: 26.62 min Scan# 3984

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-01

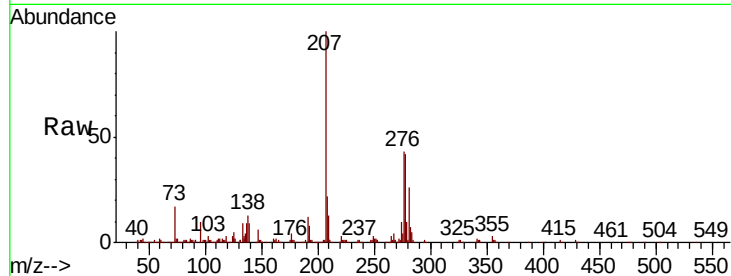
Tot Ion:278 Resp: 180745

Ion Ratio Lower Upper

278 100

139 20.2 15.5 23.3

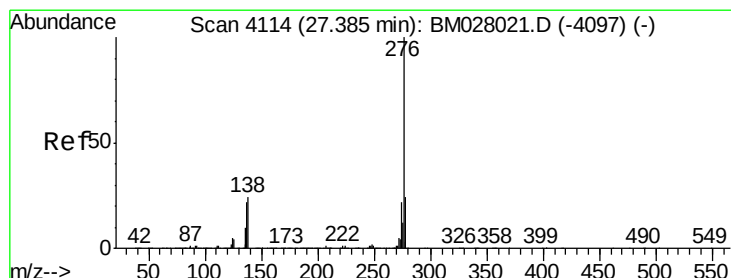
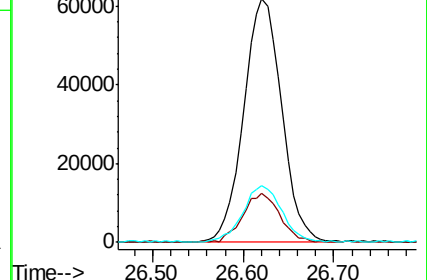
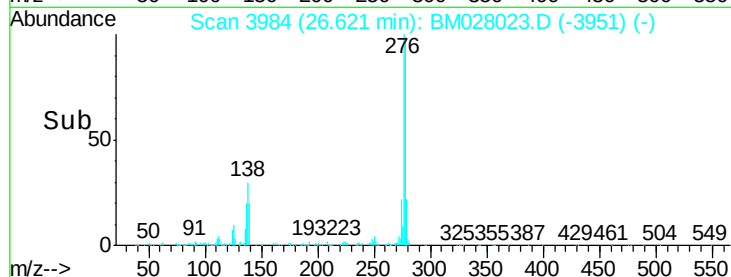
279 23.2 19.2 28.8



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: 3.110 ng/ul

RT: 27.37 min Scan# 4112

Delta R.T. -0.01 min

Lab File: BM028023.D

Acq: 04 Dec 2020 10:38

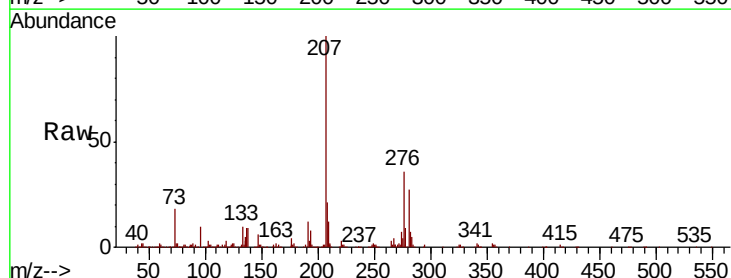
Tgt Ion:276 Resp: 176707

Ion Ratio Lower Upper

276 100

138 26.0 19.8 29.8

277 25.4 18.9 28.3



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

