

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
 Data File : BM028025.D
 Acq On : 04 Dec 2020 11:51
 Operator : JU/CG
 Sample : L4485-02
 Misc : MDL-SOIL--02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-02

Quant Time: Dec 04 12:56:11 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	219956	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	885410	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	507359	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	1020628	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	938833	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	924856	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	27910	4.74	ng/uL	0.00
4) Pyridine-d5	3.93	84	369851	23.28	ng/ul	0.00
7) Phenol-d5	7.42	99	601810	32.87	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	395411	34.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	512219	33.58	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	497845	34.47	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	238027	34.63	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	245180	35.70	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	454474	32.62	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	651723	34.20	ng/ul	0.00
46) Dimethylphthalate-d6	14.31	166	1306827	34.81	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1707747	35.44	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	220392	30.44	ng/ul	0.00
60) Fluorene-d10	15.89	176	1102795	32.78	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	173898	29.36	ng/ul	0.00
73) Anthracene-d10	17.73	188	1627349	32.52	ng/ul	0.00
81) Pyrene-d10	19.98	212	1701495	34.52	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1545049	31.38	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.51	88	4550	0.751	ng/uL 87
5) Pyridine	3.96	79	45552	2.857	ng/ul# 80
6) Benzaldehyde	7.41	77	36900	4.875	ng/ul 98
8) Phenol	7.45	94	50872	2.723	ng/ul 95
10) Bis(2-Chloroethyl)ether	7.69	93	45520	2.959	ng/ul 99
12) 2-Chlorophenol	7.85	128	42708	2.720	ng/ul 96
13) 2-Methylphenol	8.73	108	35907	2.567	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.82	45	72653	2.935	ng/ul 99
16) Acetophenone	9.12	105	59257	2.742	ng/ul 96
17) N-Nitroso-di-n-propylamine	9.10	70	29003	2.825	ng/ul 96
18) 4-Methylphenol	9.06	108	40189	2.680	ng/ul 96
19) Hexachloroethane	9.39	117	17759	2.695	ng/ul 99
22) Nitrobenzene	9.51	77	48347	2.850	ng/ul 98
23) Isophorone	10.04	82	74847	2.638	ng/ul 99
25) 2-Nitrophenol	10.23	139	22693	2.921	ng/ul 98
26) 2,4-Dimethylphenol	10.27	107	43068	2.698	ng/ul 96
27) Bis(2-Chloroethoxy)methane	10.51	93	56038	2.877	ng/ul 99
29) 2,4-Dichlorophenol	10.76	162	38233	2.805	ng/ul 96
30) Naphthalene	11.17	128	136959	2.739	ng/ul 99
32) 4-Chloroaniline	11.27	127	53763	2.913	ng/ul 100
33) Hexachlorobutadiene	11.46	225	24624	2.759	ng/ul 97
34) Caprolactam	12.05	113	8371	2.132	ng/ul 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.37	107	35424	2.591	ng/ul	97
36) 2-Methylnaphthalene	12.76	142	92961	2.828	ng/ul	97
37) 1-Methylnaphthalene	12.98	142	87528	2.770	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	46556	2.696	ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	20734	2.107	ng/ul	100
41) 2,4,6-Trichlorophenol	13.35	196	25307	2.446	ng/ul	94
42) 2,4,5-Trichlorophenol	13.42	196	27952	2.516	ng/ul	99
43) 1,1'-Biphenyl	13.75	154	117259	2.697	ng/ul	98
44) 2-Chloronaphthalene	13.80	162	91657	2.676	ng/ul	99
45) 2-Nitroaniline	13.99	65	19619	2.304	ng/ul	98
47) Dimethylphthalate	14.35	163	110554	2.849	ng/ul	97
48) 2,6-Dinitrotoluene	14.47	165	16939	2.299	ng/ul#	90
50) Acenaphthylene	14.64	152	137498	2.753	ng/ul	99
51) 3-Nitroaniline	14.80	138	17561	2.401	ng/ul	99
52) Acenaphthene	14.97	153	96950	2.705	ng/ul	96
53) 2,4-Dinitrophenol	15.00	184	6178	1.458	ng/ul	97
55) 4-Nitrophenol	15.09	109	14253	2.678	ng/ul	90
56) Dibenzofuran	15.30	168	133546	2.751	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	25286	2.449	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.52	232	21443	2.403	ng/ul	91
59) Diethylphthalate	15.70	149	106439	2.799	ng/ul	99
61) Fluorene	15.94	166	110736	2.795	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	54734	2.821	ng/ul	95
63) 4-Nitroaniline	15.94	138	18729	2.891	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	16.01	198	16658	2.554	ng/ul#	81
67) N-Nitrosodiphenylamine	16.14	169	89757	2.674	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	30800	2.640	ng/ul	95
69) Hexachlorobenzene	16.94	284	36299	2.697	ng/ul	97
70) Atrazine	17.07	200	27014	2.378	ng/ul	95
71) Pentachlorophenol	17.27	266	14706	1.953	ng/ul	95
72) Phenanthrene	17.67	178	167999	2.707	ng/ul	98
74) Anthracene	17.76	178	170456	2.697	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	44649	2.590	ng/uL	97
76) Pentachlorobenzene	15.22	250	43139	2.612	ng/uL	97
77) Carbazole	18.02	167	135457	2.519	ng/ul	99
78) Di-n-butylphthalate	18.56	149	154764	2.524	ng/ul	99
80) Fluoranthene	19.65	202	175667	2.720	ng/ul	99
82) Pyrene	20.01	202	194372	2.884	ng/ul	98
83) Butylbenzylphthalate	20.86	149	59879	2.475	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	53194	2.557	ng/ul	98
85) Benzo(a)anthracene	21.72	228	168746	2.708	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	90424	2.471	ng/ul	99
87) Chrysene	21.77	228	167882	2.725	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	148944	2.376	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	165527	2.713	ng/ul	98
91) Benzo(k)fluoranthene	23.45	252	162073	2.753	ng/ul	97
93) Benzo(a)pyrene	24.03	252	152395	2.746	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.61	276	175722	2.579	ng/ul	99
95) Dibenzo(a,h)anthracene	26.62	278	151989	2.639	ng/ul	99
96) Benzo(g,h,i)perylene	27.37	276	145646	2.533	ng/ul	98

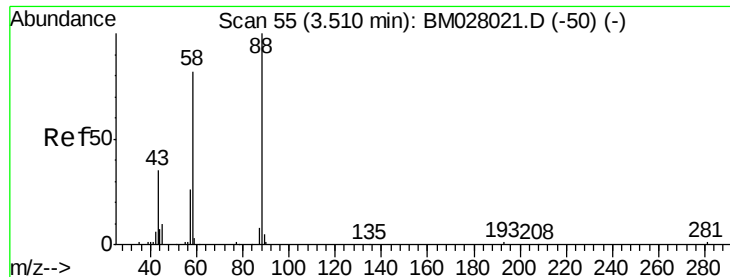
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.751 ng/uL

RT: 3.51 min Scan# 55

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

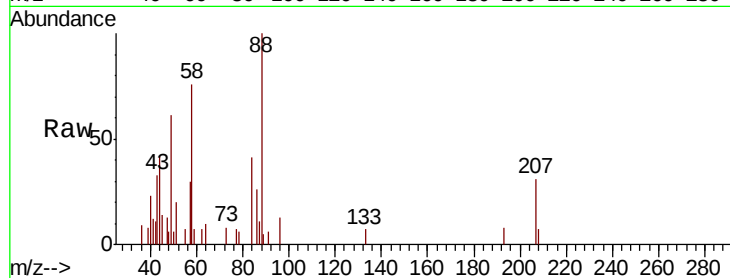
Tot Ion: 88 Resp: 4550

Ion Ratio Lower Upper

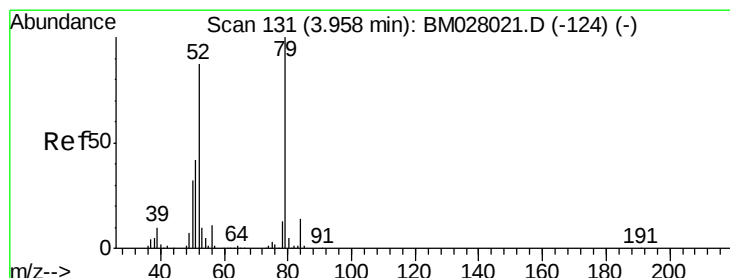
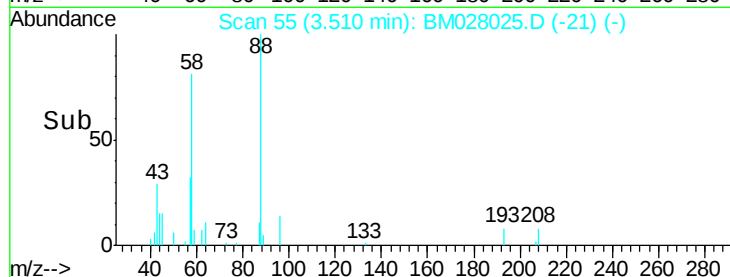
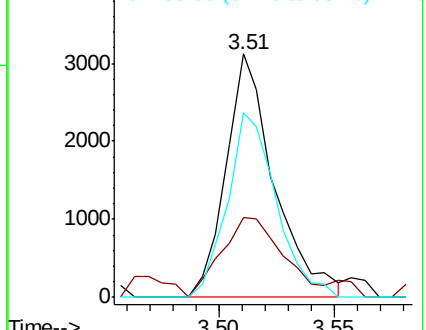
88 100

43 32.9 30.2 45.2

58 76.0 72.2 108.2



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 43.00 (42.70 to 43.70): BM0
Ion 58.00 (57.70 to 58.70): BM0



#5

Pyridine

Concen: 2.857 ng/uL

RT: 3.96 min Scan# 132

Delta R.T. 0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

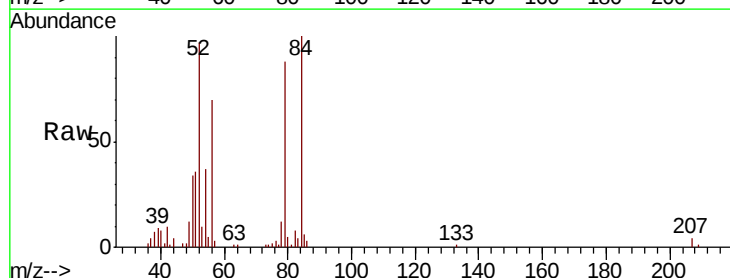
Tgt Ion: 79 Resp: 45552

Ion Ratio Lower Upper

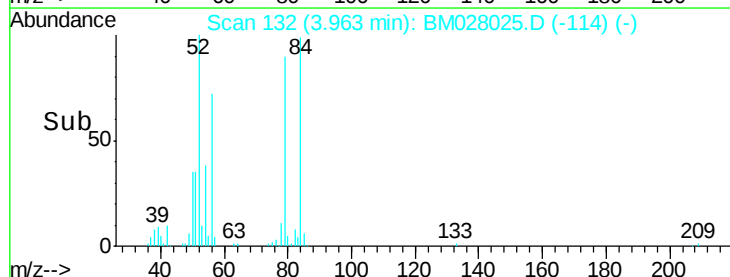
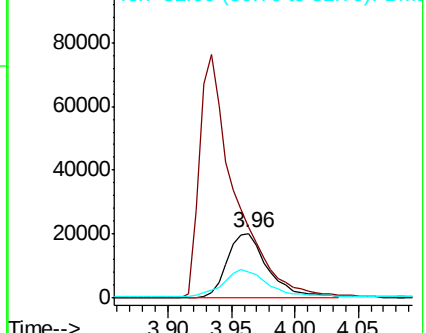
79 100

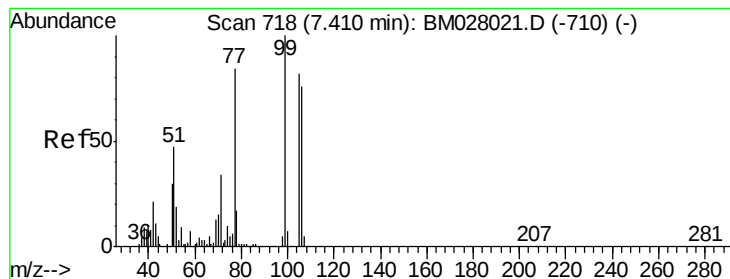
52 110.3 67.6 101.4#

51 41.2 32.1 48.1



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#6

Benzaldehyde

Concen: 4.875 ng/ul

RT: 7.41 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

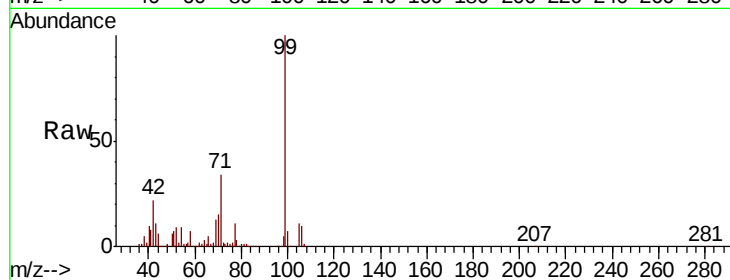
Tot Ion: 77 Resp: 36900

Ion Ratio Lower Upper

77 100

105 96.7 79.4 119.0

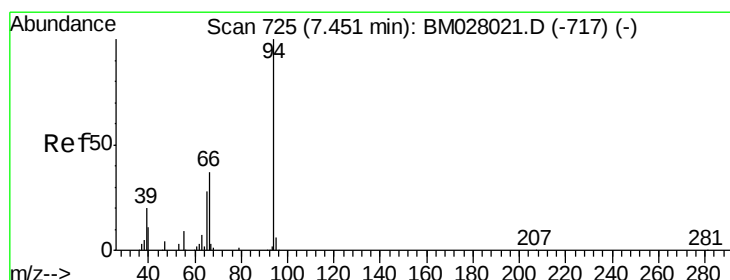
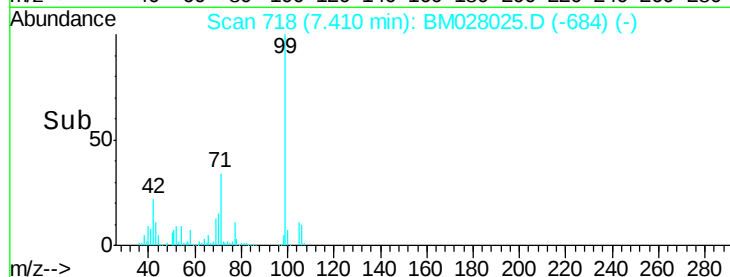
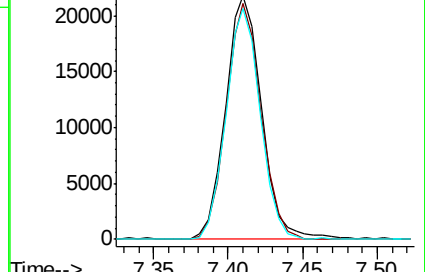
106 94.7 76.7 115.1



Abundance Ion 77.00 (76.70 to 77.70): BM028025.D (-684) (-)

Ion 105.00 (104.70 to 105.70): BM028025.D (-684) (-)

Ion 106.00 (105.70 to 106.70): BM028025.D (-684) (-)



#8

Phenol

Concen: 2.723 ng/ul

RT: 7.45 min Scan# 725

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

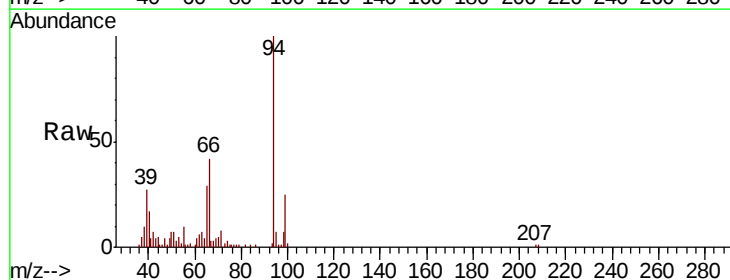
Tgt Ion: 94 Resp: 50872

Ion Ratio Lower Upper

94 100

65 29.3 22.7 34.1

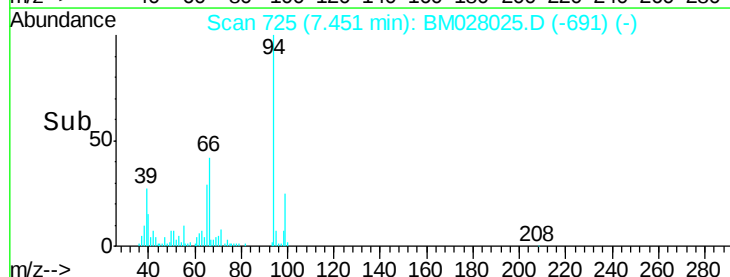
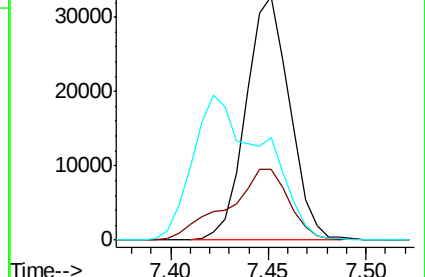
66 42.3 30.1 45.1

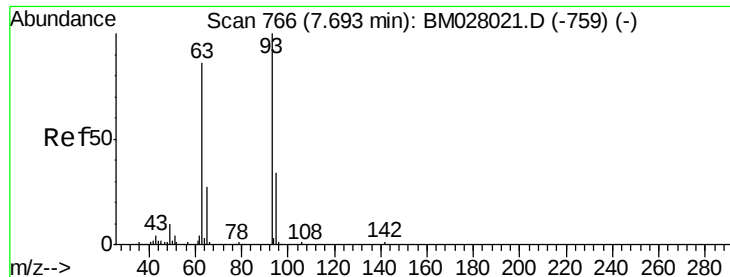


Abundance Ion 94.00 (93.70 to 94.70): BM028025.D (-691) (-)

Ion 65.00 (64.70 to 65.70): BM028025.D (-691) (-)

Ion 66.00 (65.70 to 66.70): BM028025.D (-691) (-)

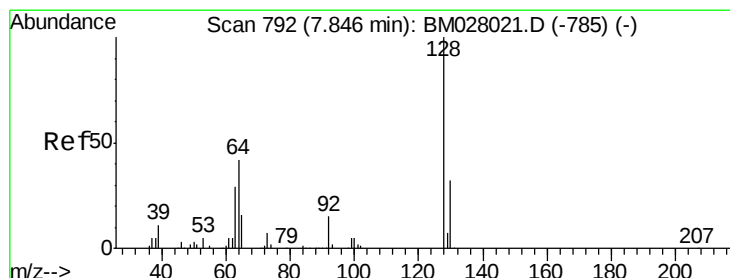
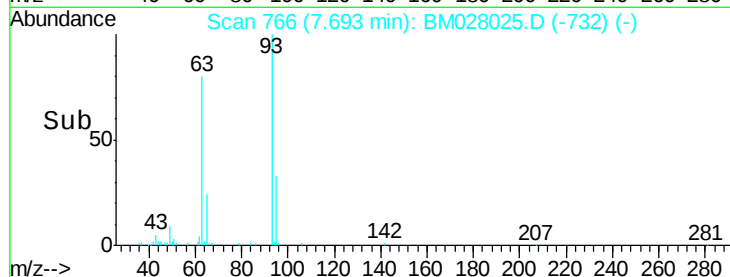
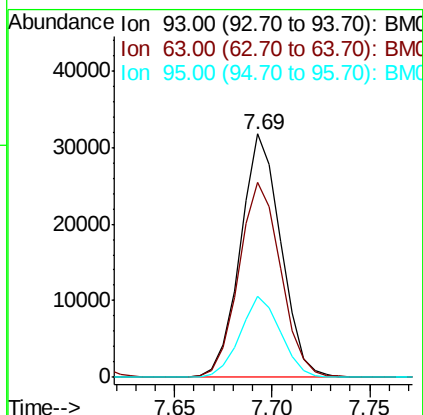
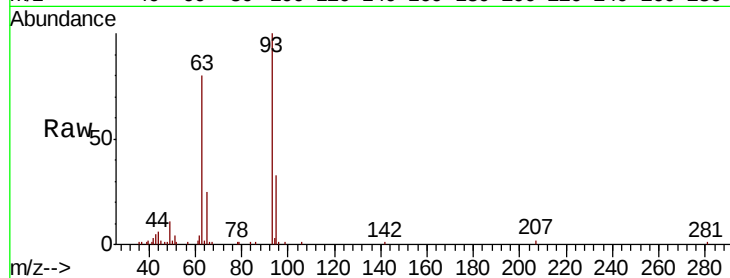




#10
 Bis(2-Chloroethyl)ether
 Concen: 2.959 ng/ul
 RT: 7.69 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

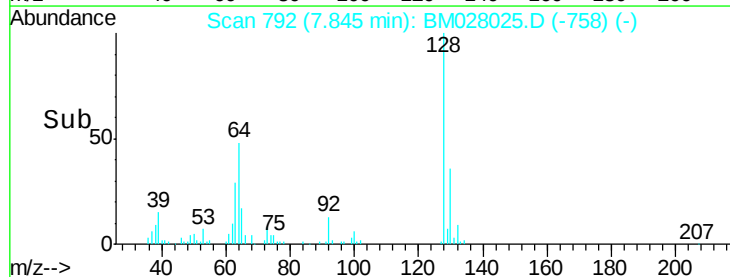
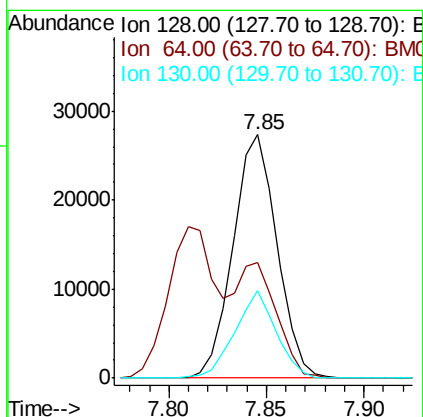
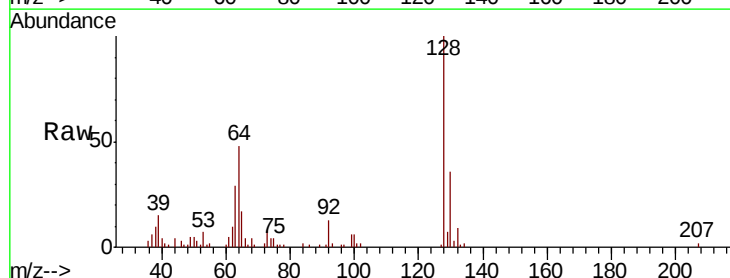
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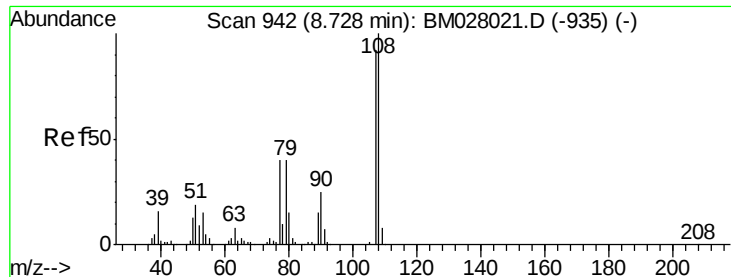
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.9	65.0	97.4
95	33.2	26.6	40.0



#12
 2-Chlorophenol
 Concen: 2.720 ng/ul
 RT: 7.85 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

Tgt Ion	Ratio	Lower	Upper
128	100		
64	47.7	37.4	56.2
130	36.2	25.4	38.0

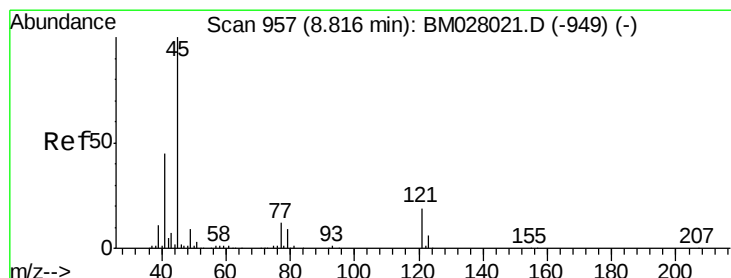
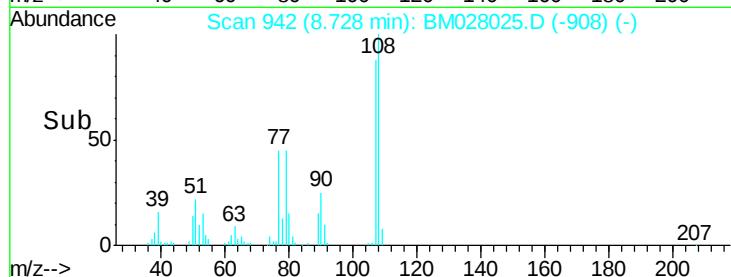
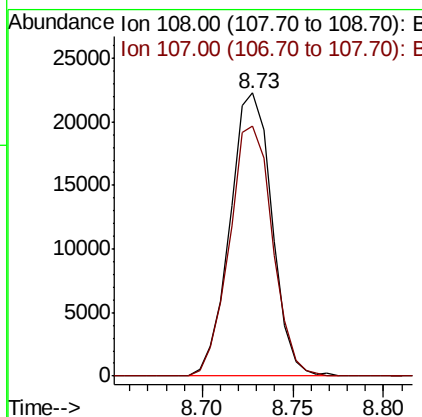
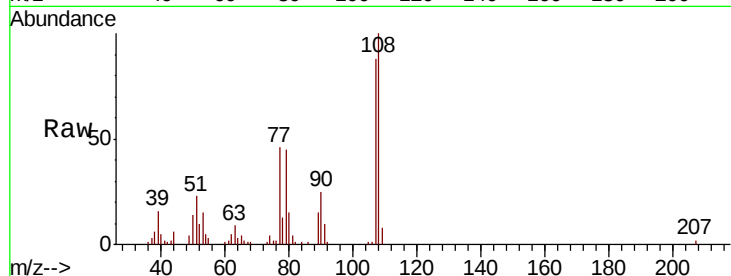




#13
2-Methylphenol
Concen: 2.567 ng/ul
RT: 8.73 min Scan# 942
Delta R.T. -0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

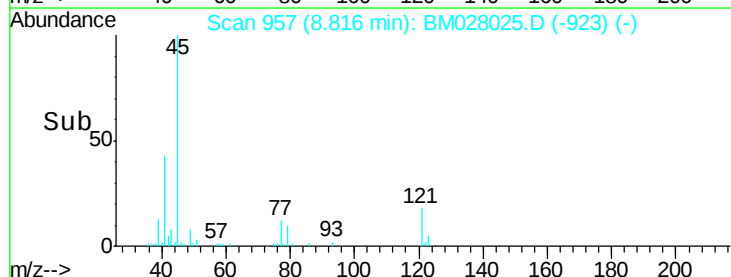
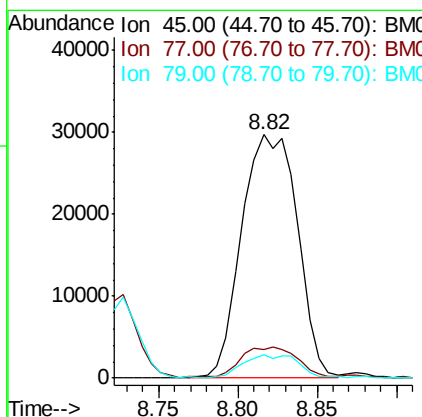
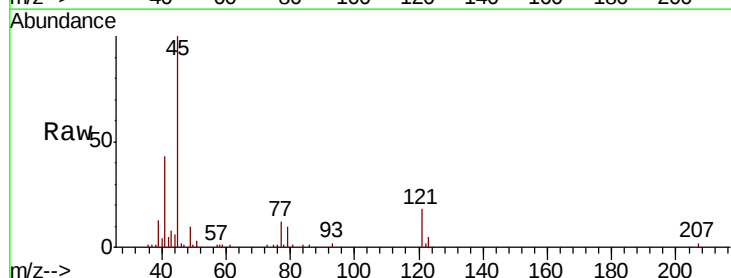
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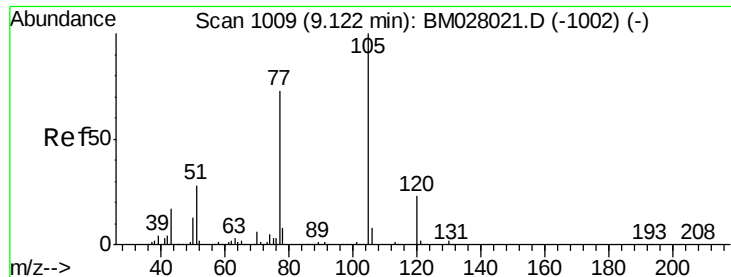
Tot Ion:108 Resp: 35907
Ion Ratio Lower Upper
108 100
107 88.4 70.1 105.1



#14
2,2'-oxybis(1-chloropropane)
Concen: 2.935 ng/ul
RT: 8.82 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion: 45 Resp: 72653
Ion Ratio Lower Upper
45 100
77 11.9 9.8 14.8
79 9.8 7.4 11.2





#16

Acetophenone

Concen: 2.742 ng/ul

RT: 9.12 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

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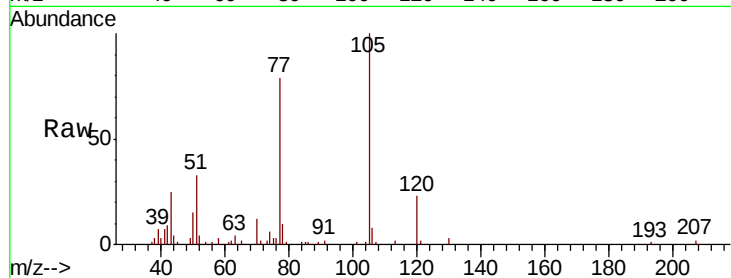
Tot Ion:105 Resp: 59257

Ion Ratio Lower Upper

105 100

77 78.6 60.0 90.0

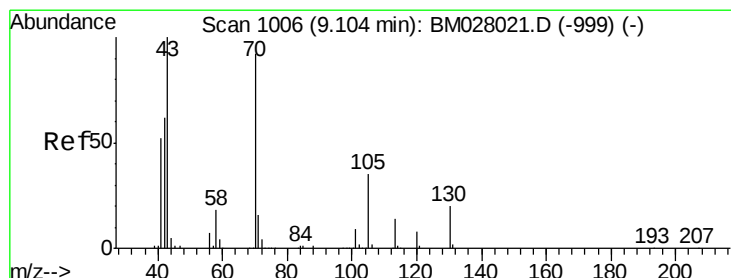
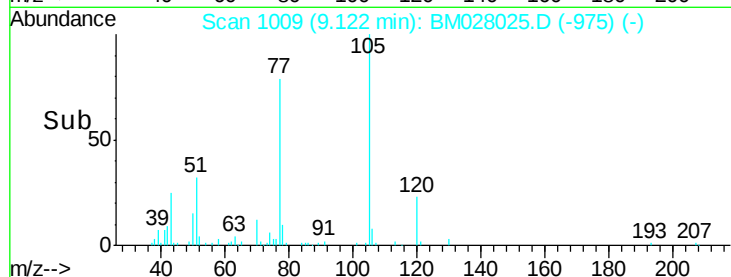
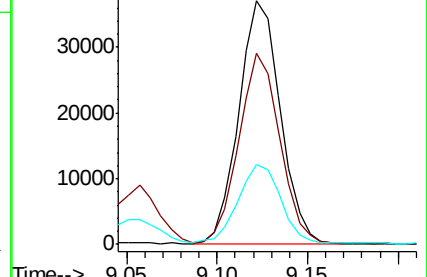
51 32.6 24.1 36.1



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: 2.825 ng/ul

RT: 9.10 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Tgt Ion: 70 Resp: 29003

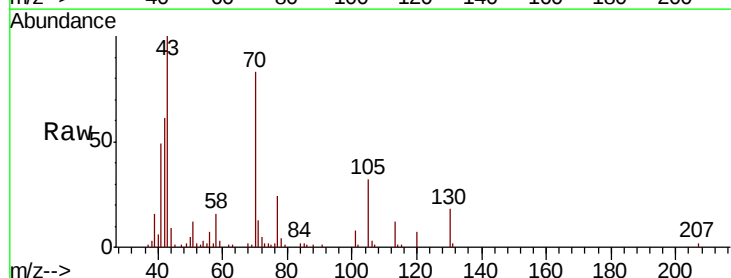
Ion Ratio Lower Upper

70 100

42 73.8 55.3 82.9

101 10.2 8.0 12.0

130 21.9 18.0 27.0

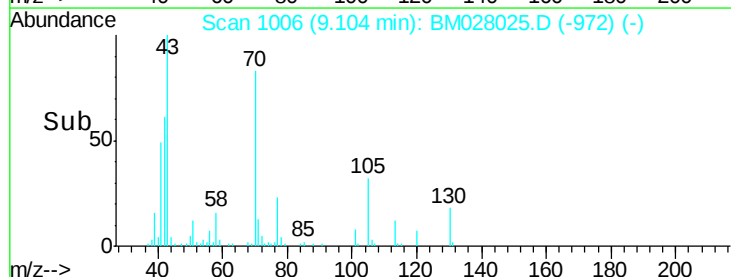
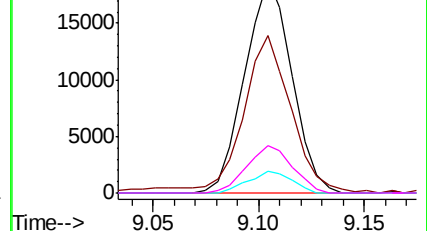


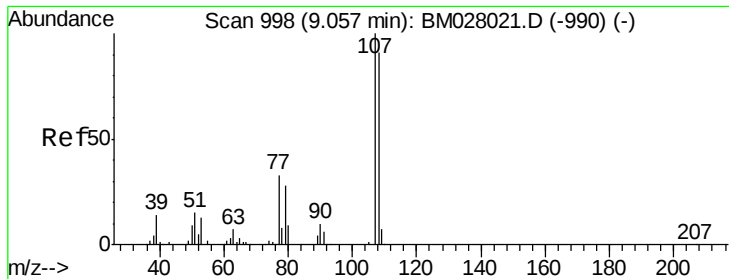
Abundance Ion 70.00 (69.70 to 70.70): BM

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

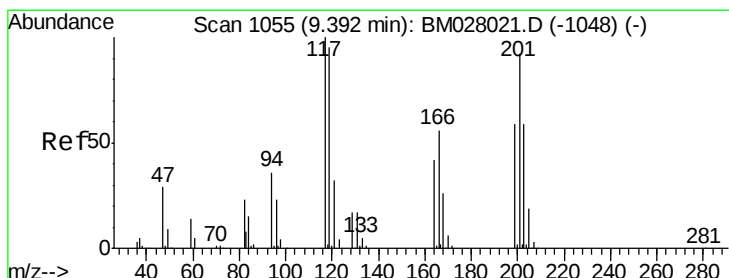
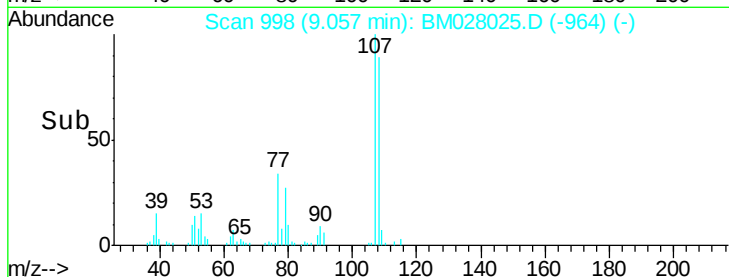
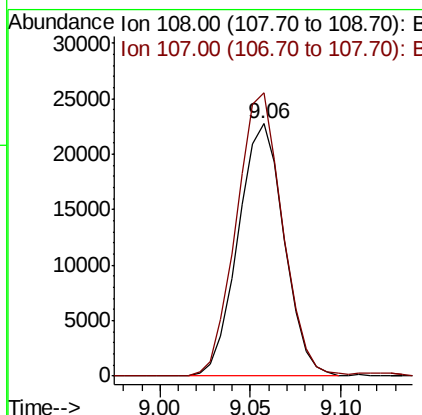
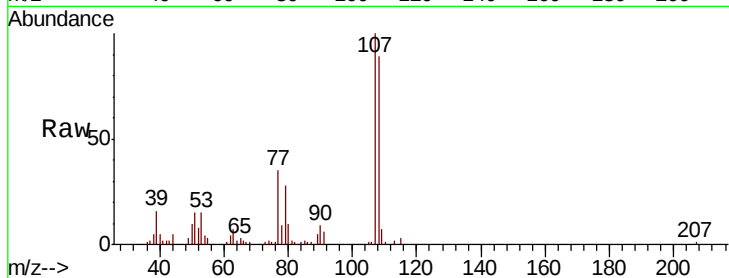




#18
4-Methylphenol
Concen: 2.680 ng/ul
RT: 9.06 min Scan# 998
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

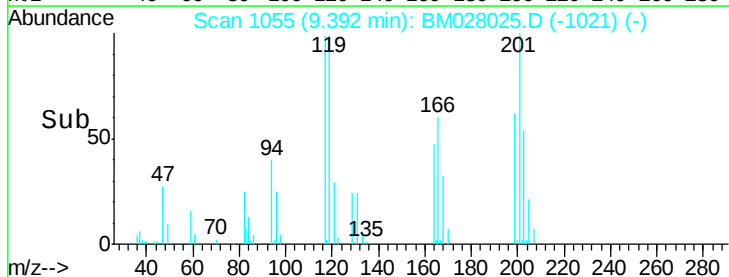
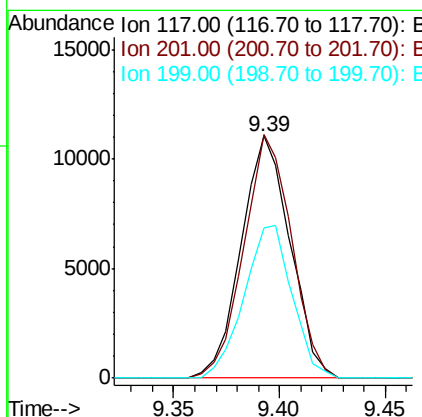
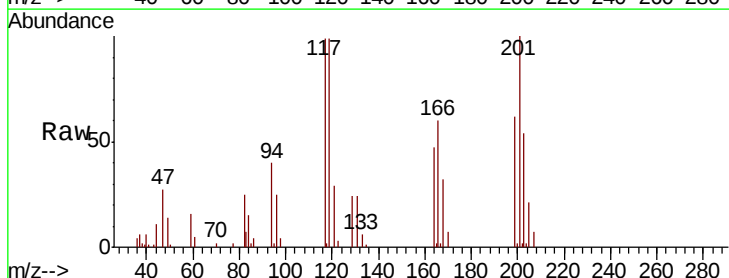
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-02

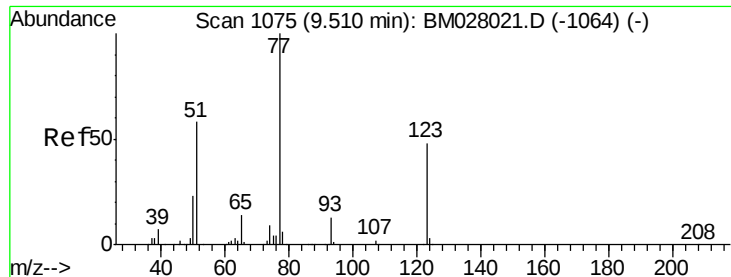
Tot Ion:108 Resp: 40189
Ion Ratio Lower Upper
108 100
107 112.1 93.4 140.2



#19
Hexachloroethane
Concen: 2.695 ng/ul
RT: 9.39 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion:117 Resp: 17759
Ion Ratio Lower Upper
117 100
201 100.6 80.0 120.0
199 62.1 48.6 73.0





#22

Nitrobenzene

Concen: 2.850 ng/ul

RT: 9.51 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

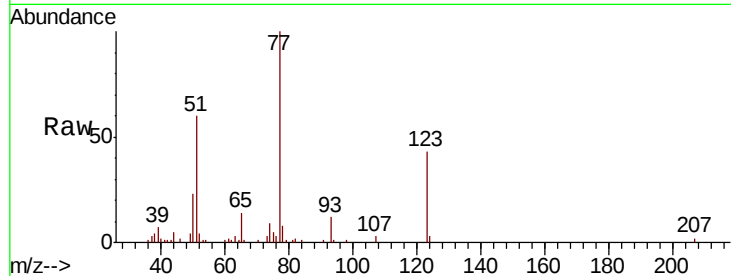
Tot Ion: 77 Resp: 48347

Ion Ratio Lower Upper

77 100

123 43.2 35.8 53.6

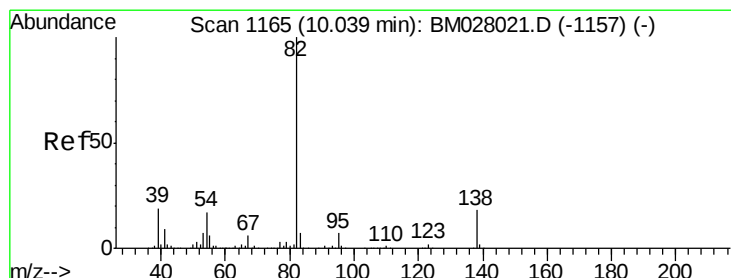
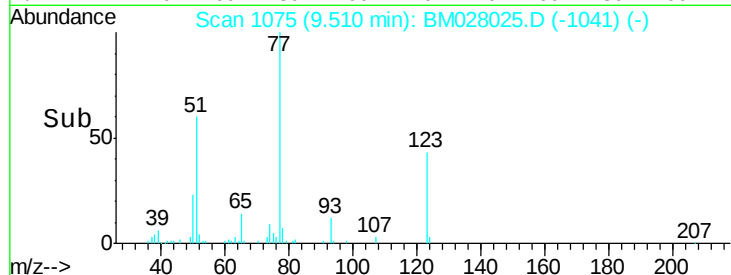
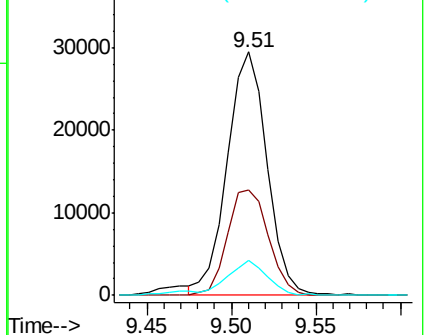
65 14.2 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BM028025.D (-1041) (-)

Ion 123.00 (122.70 to 123.70): BM028025.D (-1041) (-)

Ion 65.00 (64.70 to 65.70): BM028025.D (-1041) (-)



#23

Isophorone

Concen: 2.638 ng/ul

RT: 10.04 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

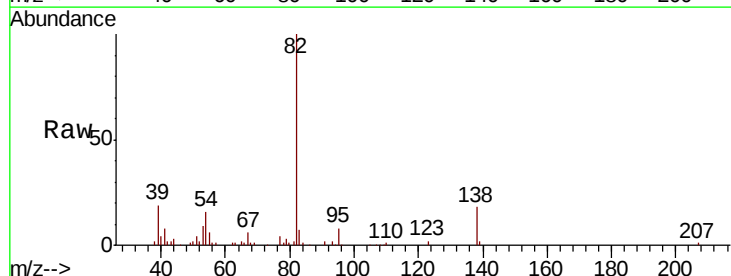
Tgt Ion: 82 Resp: 74847

Ion Ratio Lower Upper

82 100

95 7.8 5.5 8.3

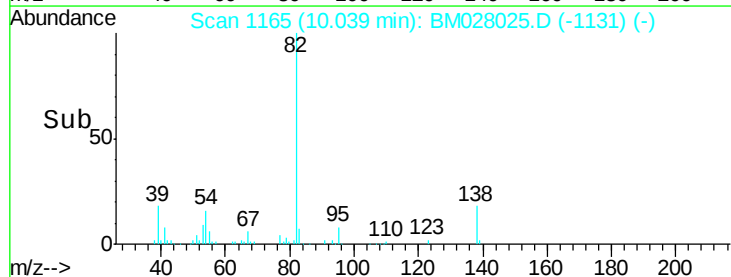
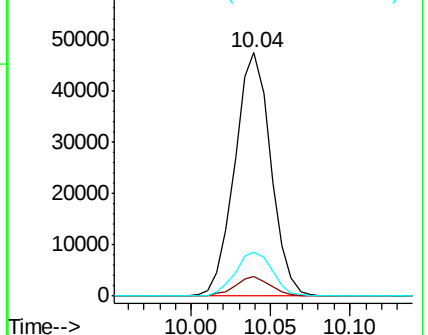
138 18.2 14.6 22.0

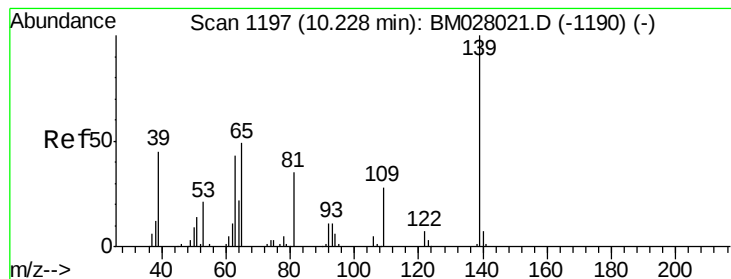


Abundance Ion 82.00 (81.70 to 82.70): BM028025.D (-1131) (-)

Ion 95.00 (94.70 to 95.70): BM028025.D (-1131) (-)

Ion 138.00 (137.70 to 138.70): BM028025.D (-1131) (-)





#25

2-Nitrophenol

Concen: 2.921 ng/ul

RT: 10.23 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

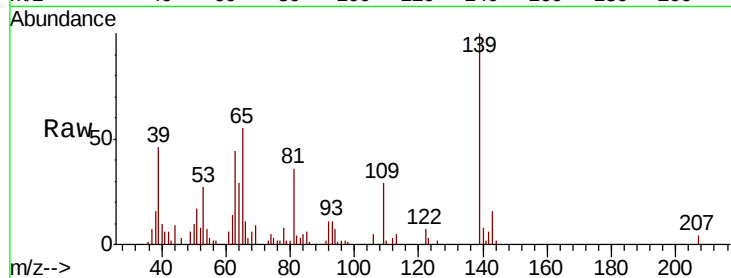
Tot Ion:139 Resp: 22693

Ion Ratio Lower Upper

139 100

65 54.8 42.2 63.2

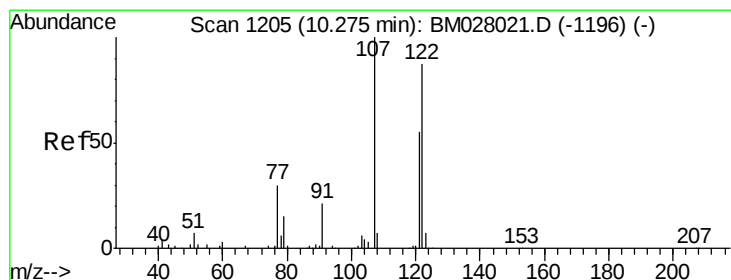
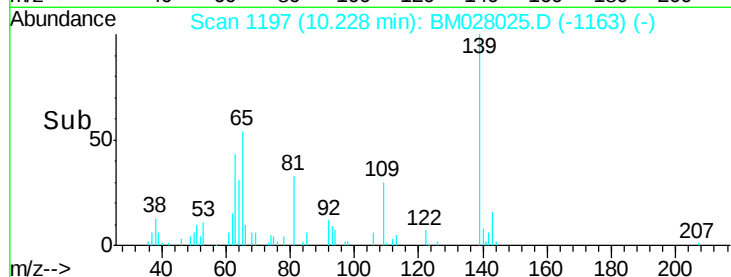
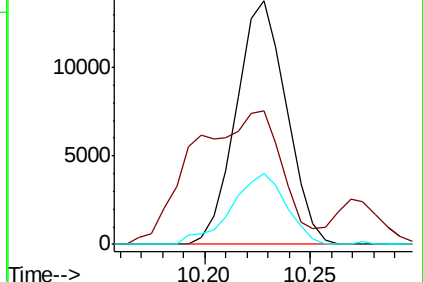
109 28.9 22.7 34.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 2.698 ng/ul

RT: 10.27 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

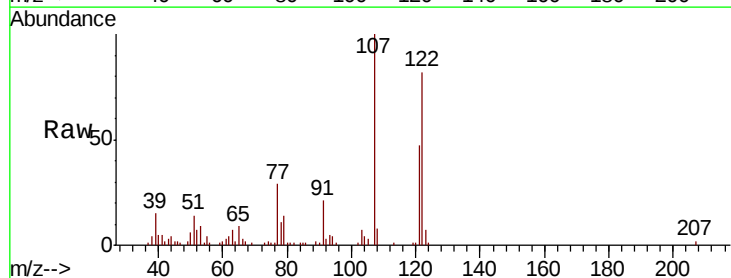
Tgt Ion:107 Resp: 43068

Ion Ratio Lower Upper

107 100

121 47.1 41.2 61.8

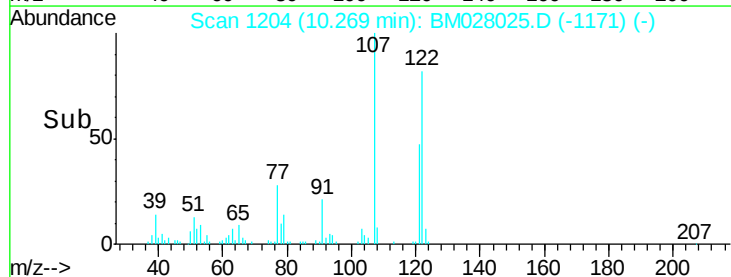
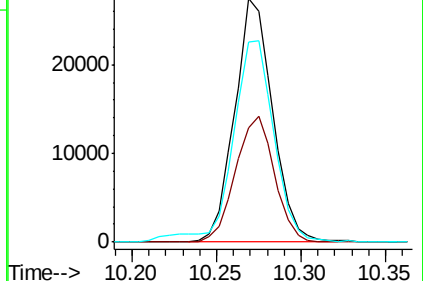
122 82.1 68.1 102.1

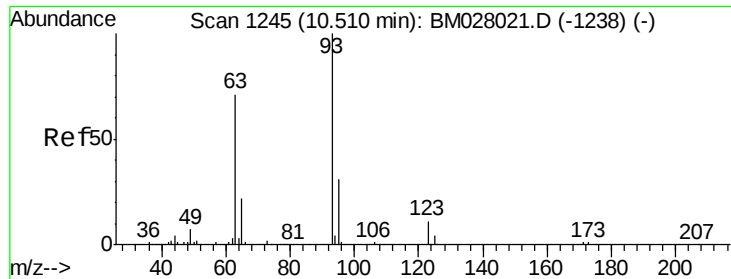


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

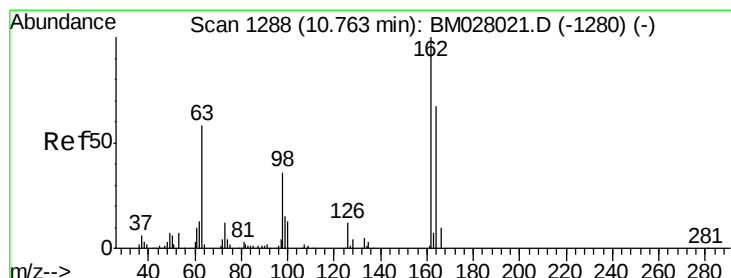
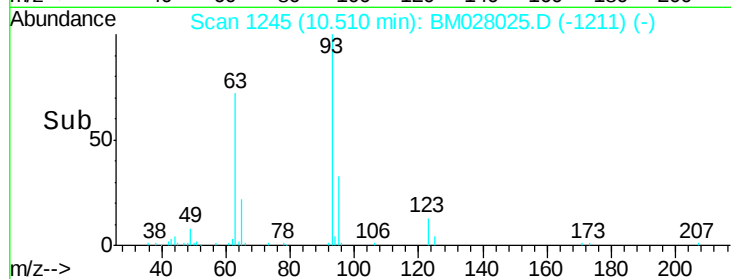
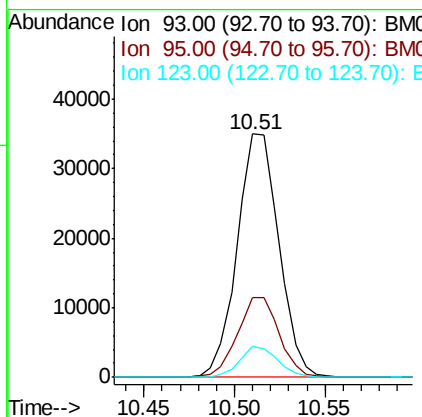
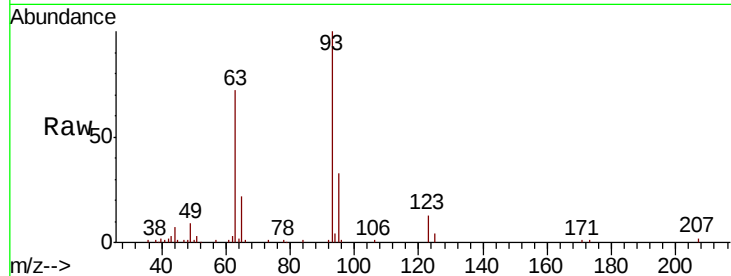




#27
 Bis(2-Chloroethoxy)methane
 Concen: 2.877 ng/ul
 RT: 10.51 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

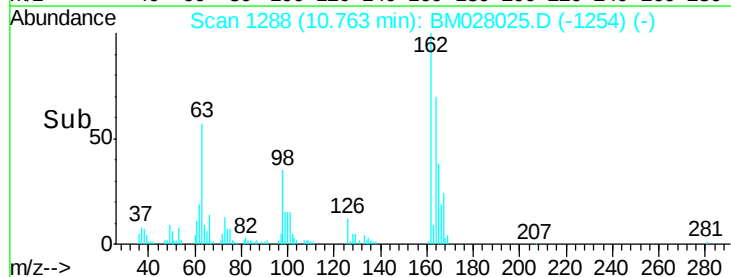
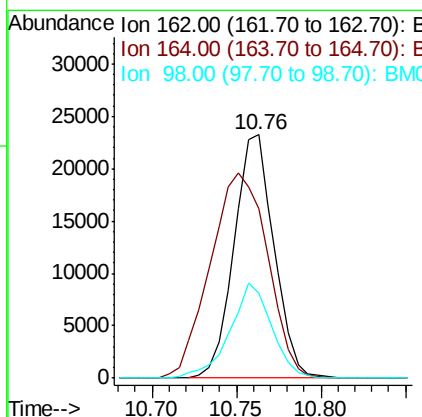
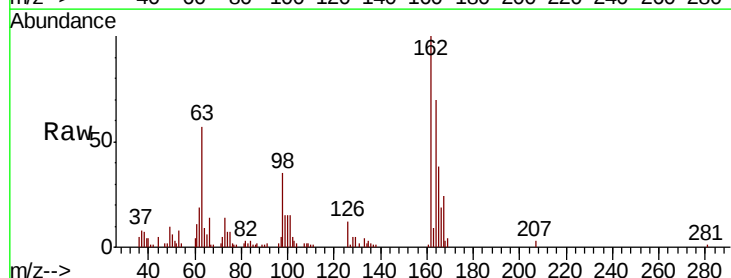
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-02

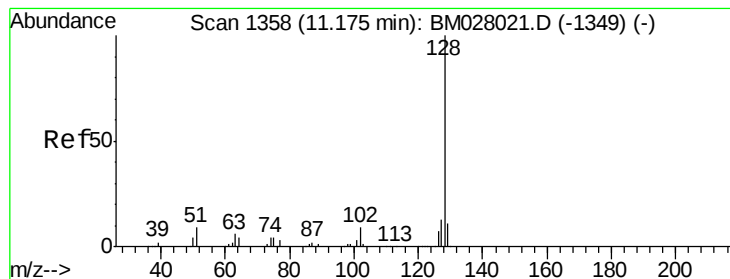
Tot Ion: 93 Resp: 56038
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.4
 123 12.6 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 2.805 ng/ul
 RT: 10.76 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

Tgt Ion: 162 Resp: 38233
 Ion Ratio Lower Upper
 162 100
 164 69.8 53.7 80.5
 98 34.6 29.5 44.3

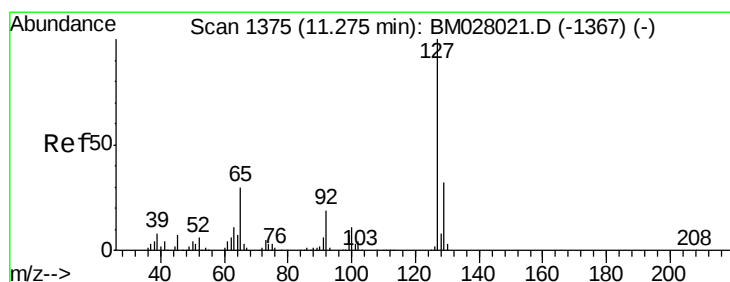
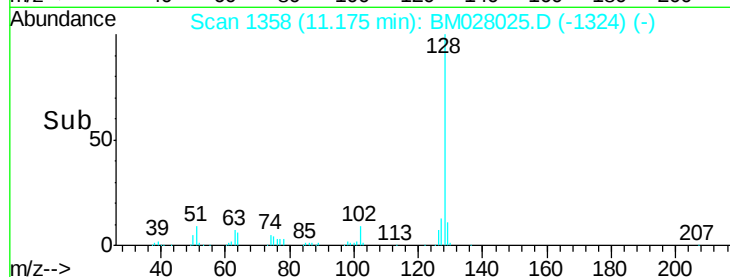
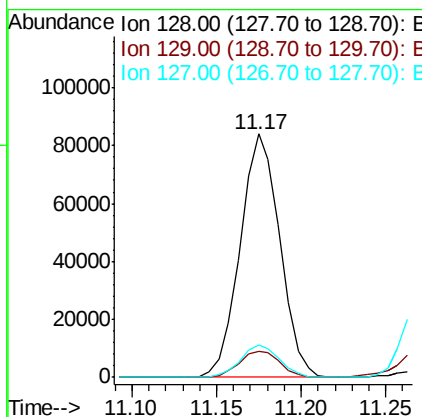
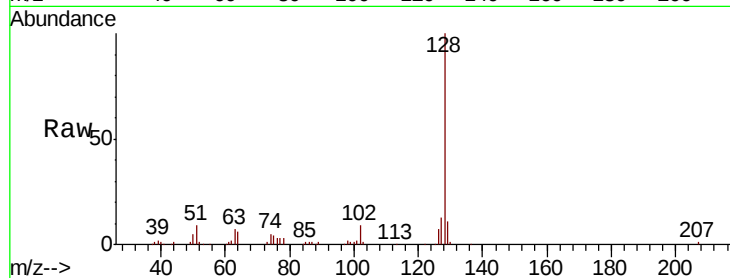




#30
Naphthalene
Concen: 2.739 ng/ul
RT: 11.17 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

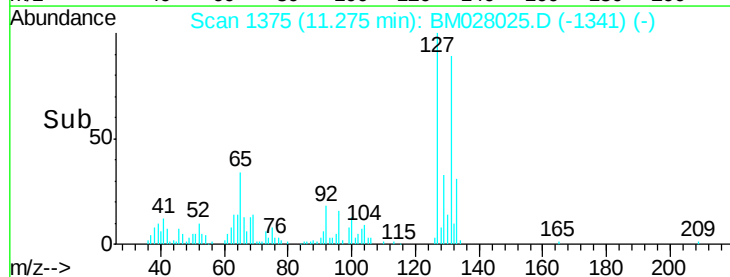
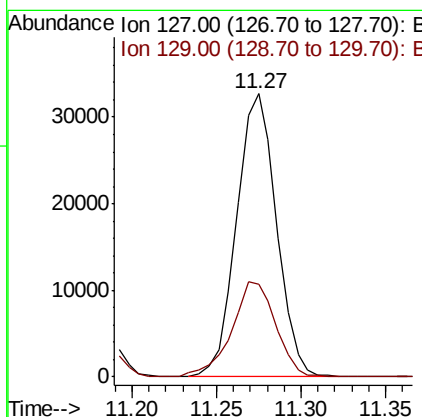
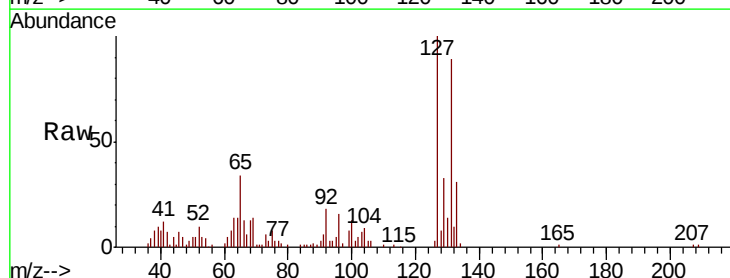
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-02

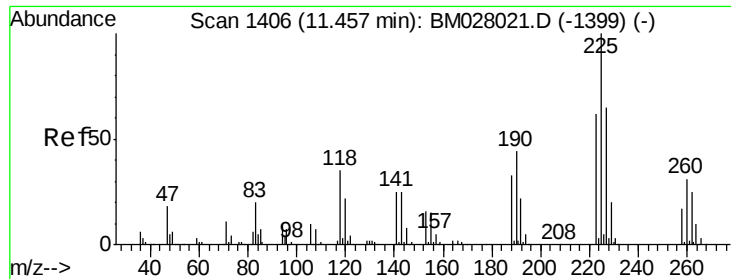
Tot Ion:128 Resp: 136959
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.4 10.4 15.6



#32
4-Chloroaniline
Concen: 2.913 ng/ul
RT: 11.27 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion:127 Resp: 53763
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4

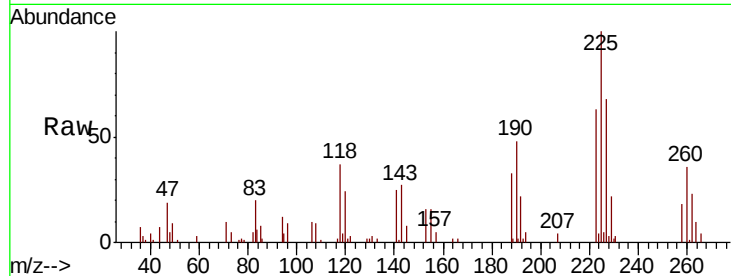




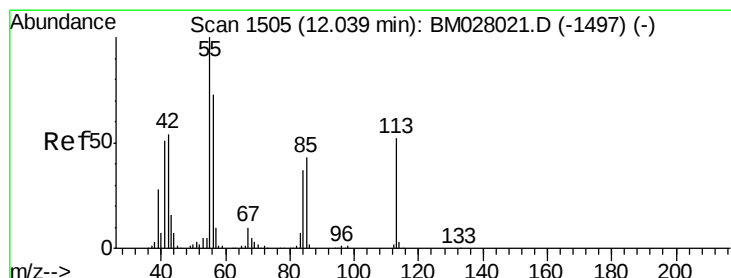
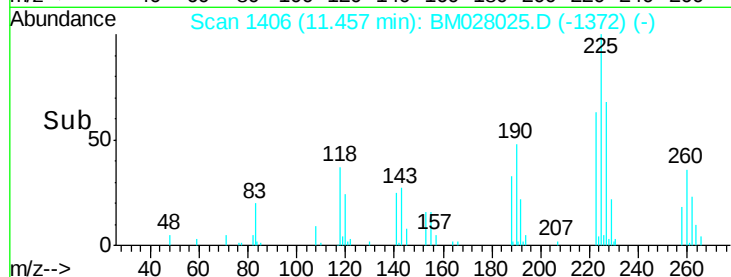
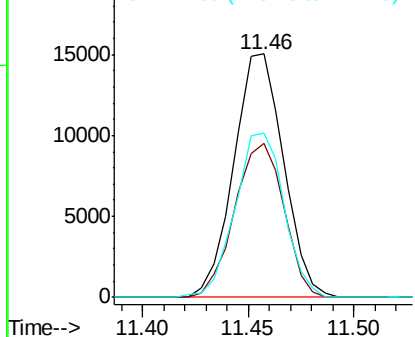
#33
Hexachlorobutadiene
Concen: 2.759 ng/ul
RT: 11.46 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-02

Tot Ion:225 Resp: 24624
Ion Ratio Lower Upper
225 100
223 63.1 50.3 75.5
227 67.7 50.6 75.8

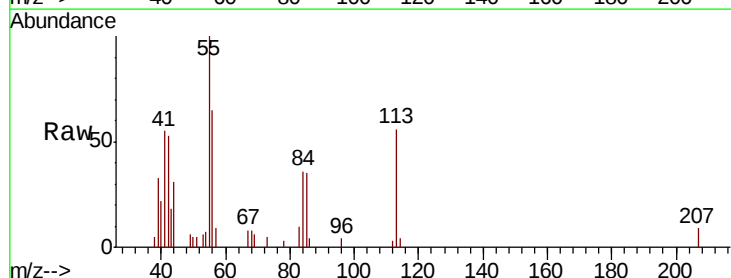


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

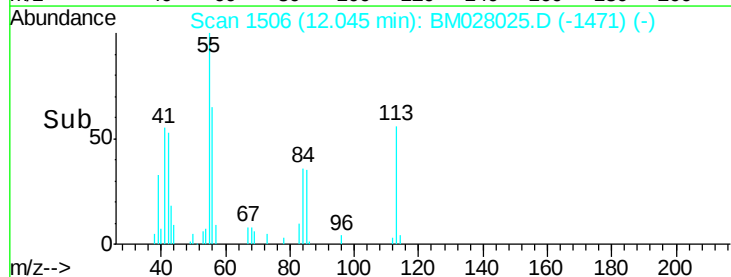
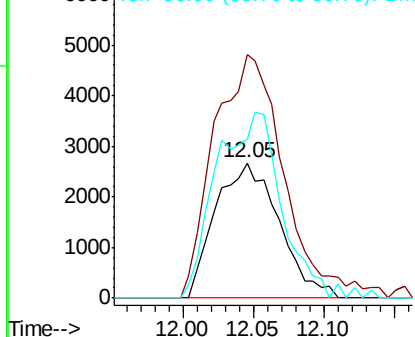


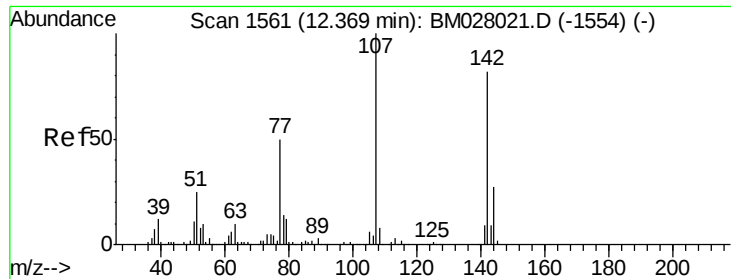
#34
Caprolactam
Concen: 2.132 ng/ul
RT: 12.05 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion:113 Resp: 8371
Ion Ratio Lower Upper
113 100
55 179.9 145.0 217.6
56 117.8 109.8 164.6



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

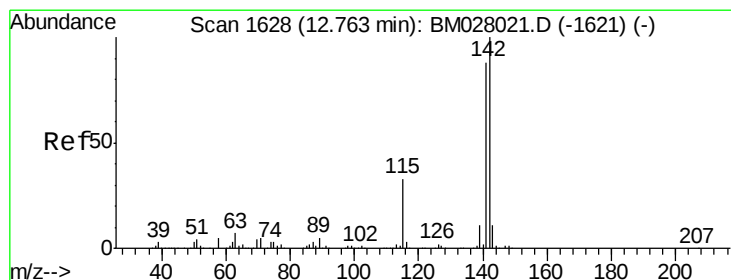
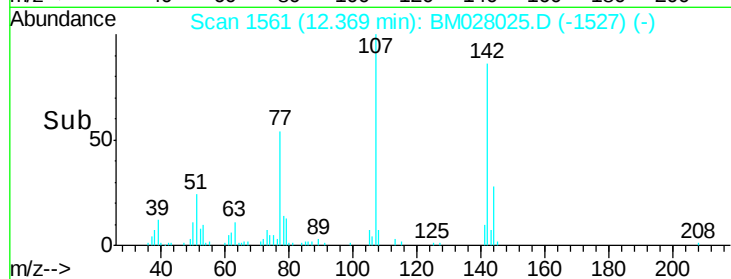
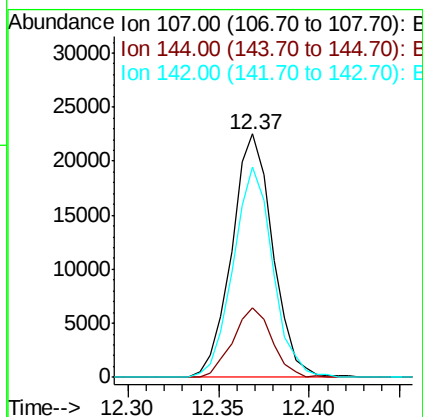
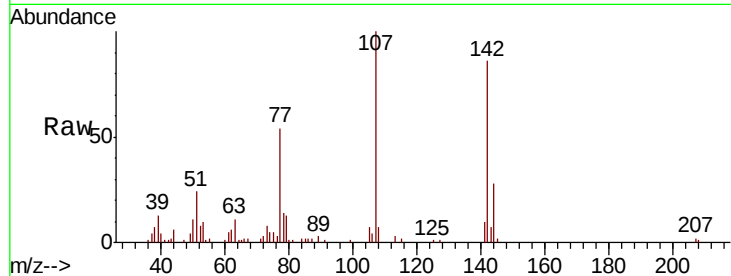




#35
 4-Chloro-3-methylphenol
 Concen: 2.591 ng/ul
 RT: 12.37 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

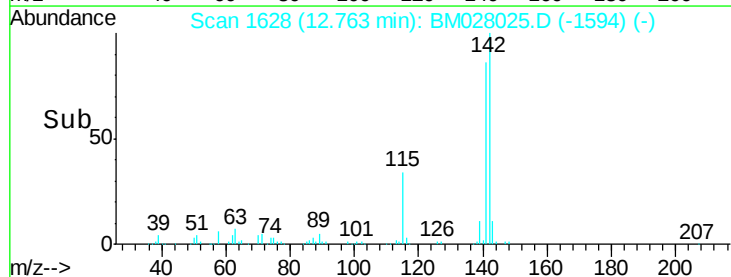
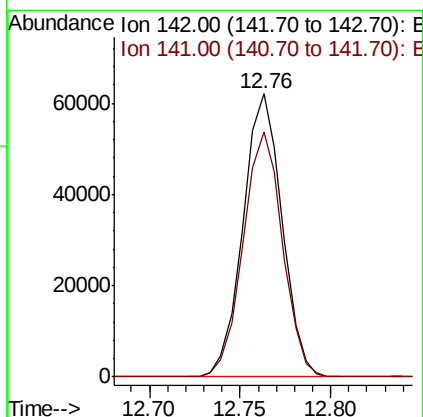
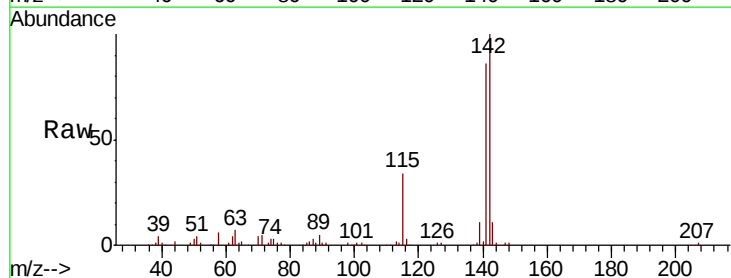
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-02

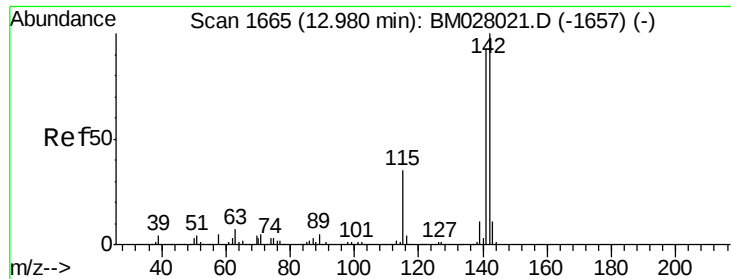
Tot Ion:107 Resp: 35424
 Ion Ratio Lower Upper
 107 100
 144 28.3 21.8 32.8
 142 86.4 66.7 100.1



#36
 2-Methylnaphthalene
 Concen: 2.828 ng/ul
 RT: 12.76 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

Tgt Ion:142 Resp: 92961
 Ion Ratio Lower Upper
 142 100
 141 86.4 71.0 106.6

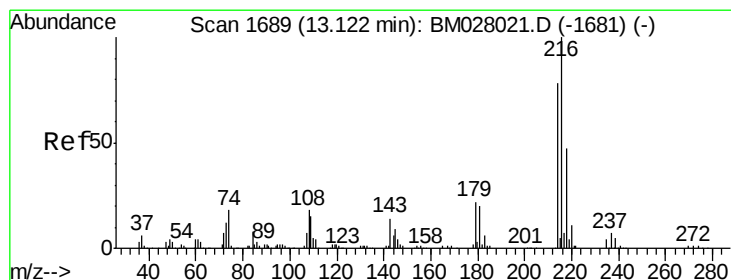
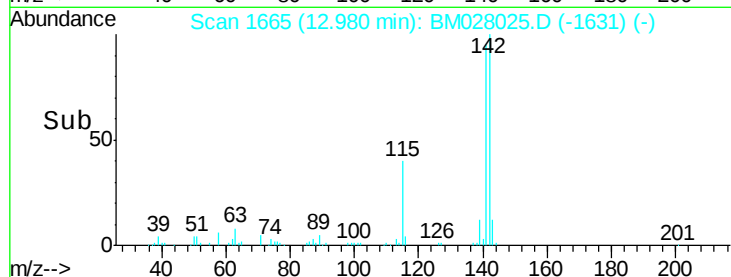
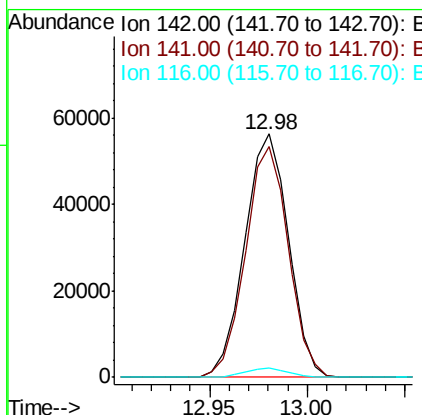
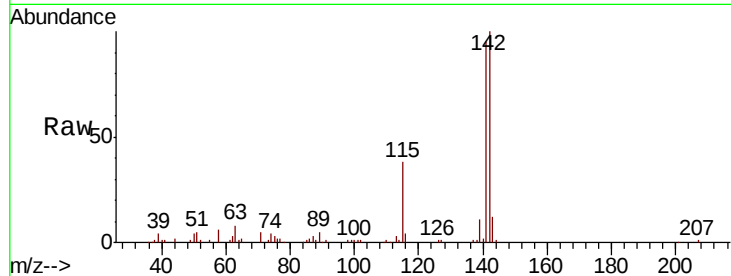




#37
1-Methylnaphthalene
Concen: 2.770 ng/ul
RT: 12.98 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

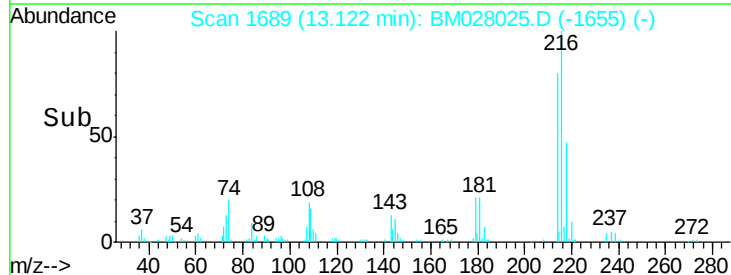
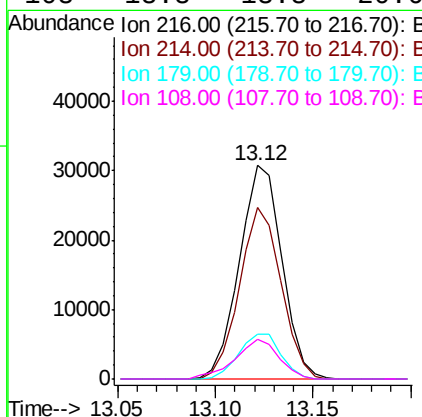
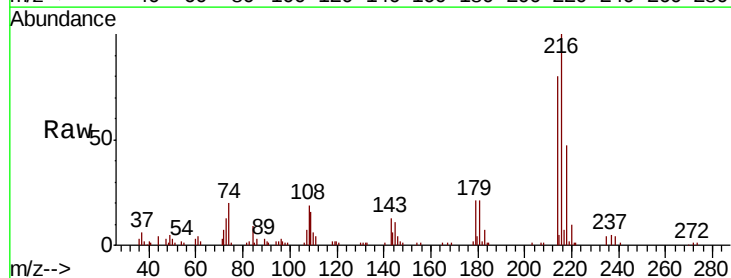
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-02

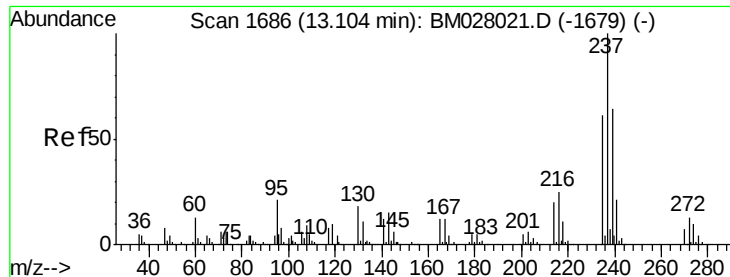
Tot Ion:142 Resp: 87528
Ion Ratio Lower Upper
142 100
141 94.8 74.2 111.2
116 3.7 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.696 ng/ul
RT: 13.12 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion:216 Resp: 46556
Ion Ratio Lower Upper
216 100
214 80.5 63.7 95.5
179 20.8 16.1 24.1
108 18.8 13.8 20.6





#40

Hexachlorocyclopentadiene

Concen: 2.107 ng/ul

RT: 13.10 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

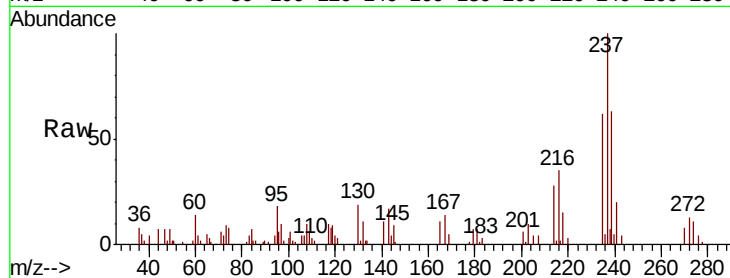
BNA_M

ClientSampleId :

MDL-SOIL-02

Tot Ion:237 Resp: 20734

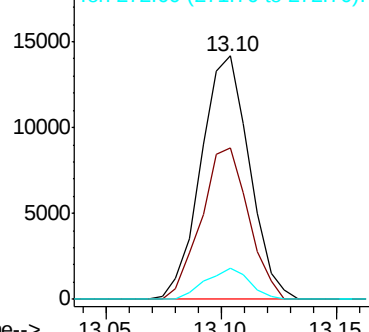
Ion	Ratio	Lower	Upper
237	100		
235	62.2	49.6	74.4
272	12.6	10.6	15.8



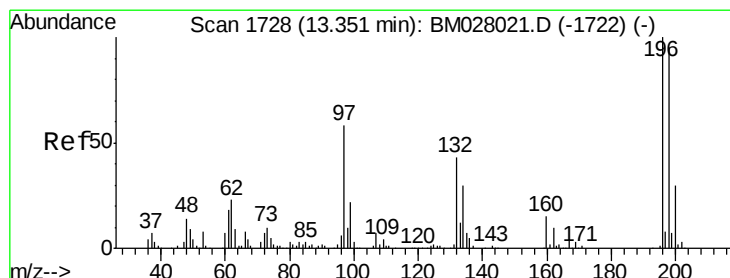
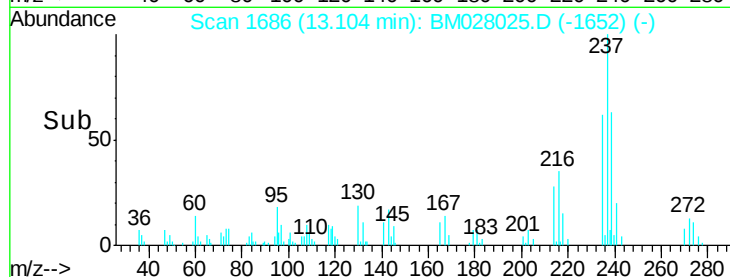
Abundance Ion 237.00 (236.70 to 237.70): E

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: 2.446 ng/ul

RT: 13.35 min Scan# 1728

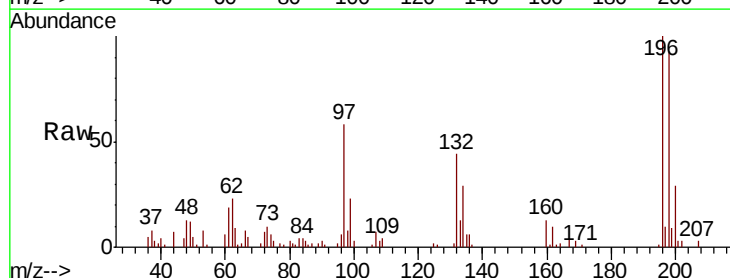
Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Tgt Ion:196 Resp: 25307

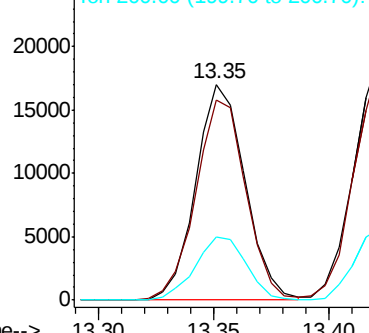
Ion	Ratio	Lower	Upper
196	100		
198	92.9	78.3	117.5
200	29.1	26.4	39.6



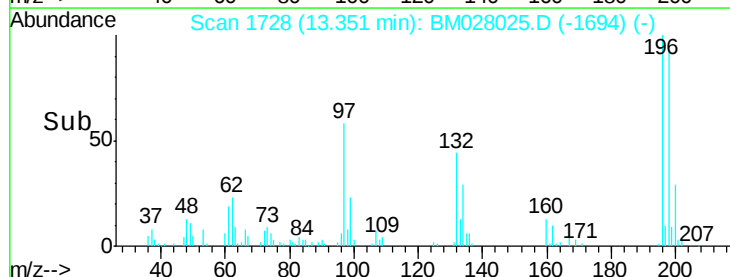
Abundance Ion 196.00 (195.70 to 196.70): E

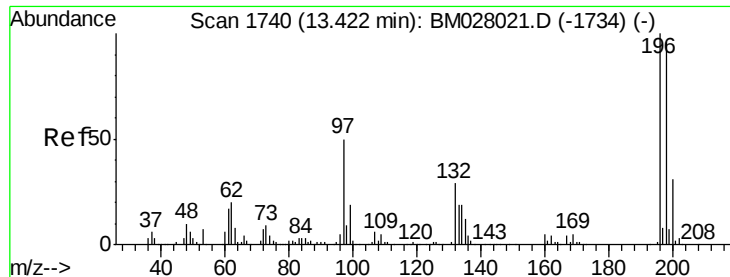
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



Time-->





#42

2,4,5-Trichlorophenol

Concen: 2.516 ng/ul

RT: 13.42 min Scan# 1740

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

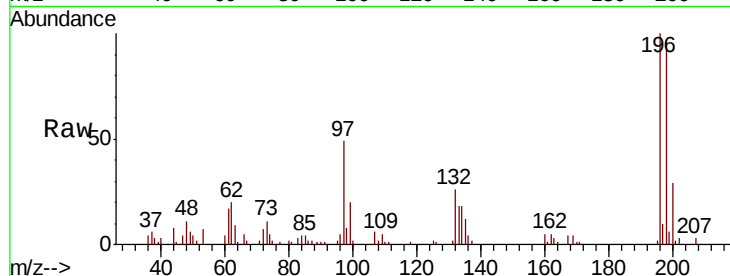
Tot Ion:196 Resp: 27952

Ion Ratio Lower Upper

196 100

198 96.6 77.8 116.8

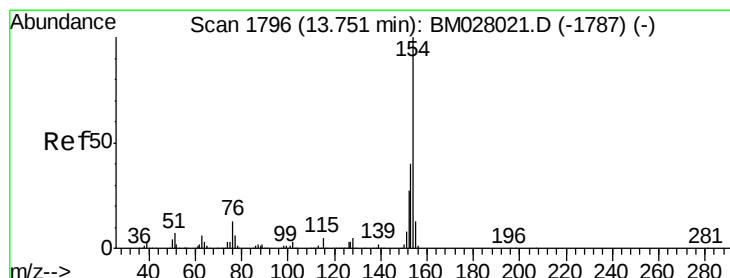
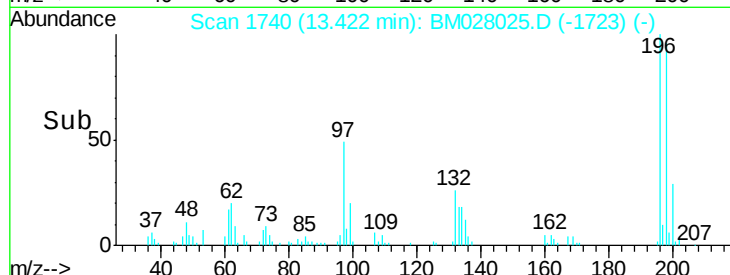
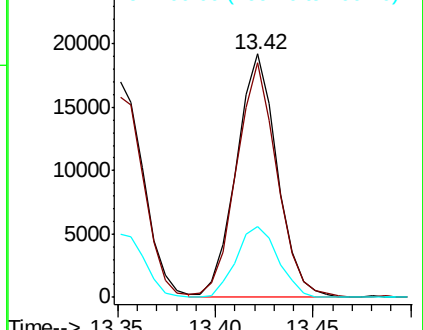
200 28.9 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

1,1'-Biphenyl

Concen: 2.697 ng/ul

RT: 13.75 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

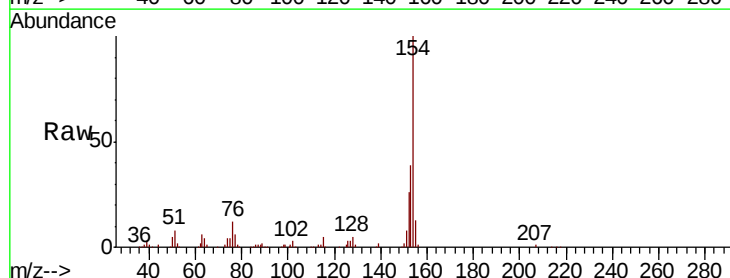
Tgt Ion:154 Resp: 117259

Ion Ratio Lower Upper

154 100

153 39.0 31.9 47.9

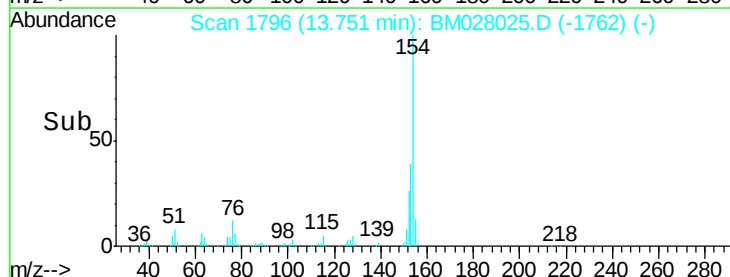
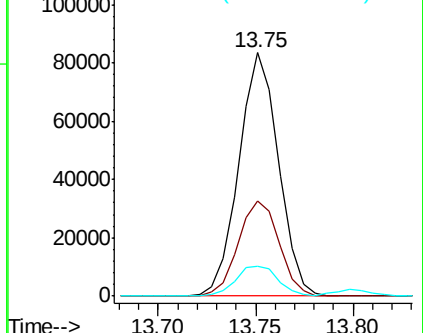
76 12.1 10.6 15.8

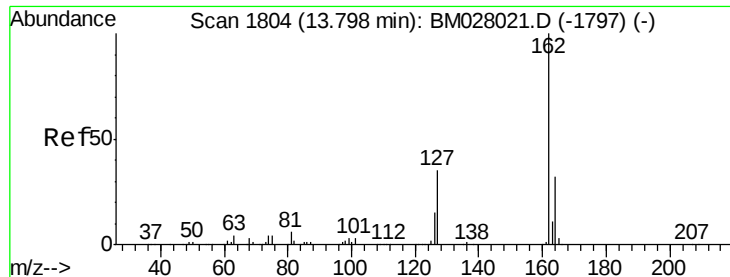


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

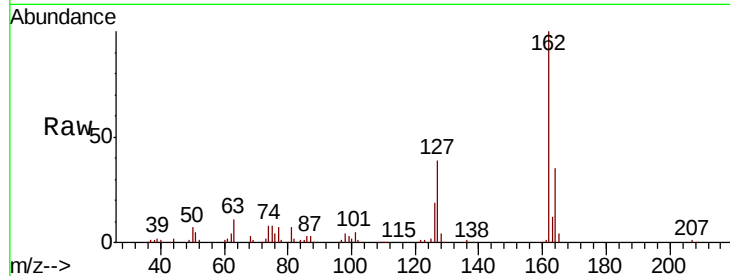




#44
2-Chloronaphthalene
Concen: 2.676 ng/ul
RT: 13.80 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
162	100		
164	34.7	27.0	40.6
127	39.0	30.8	46.2

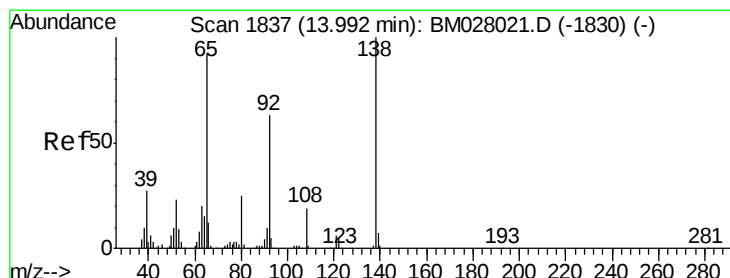
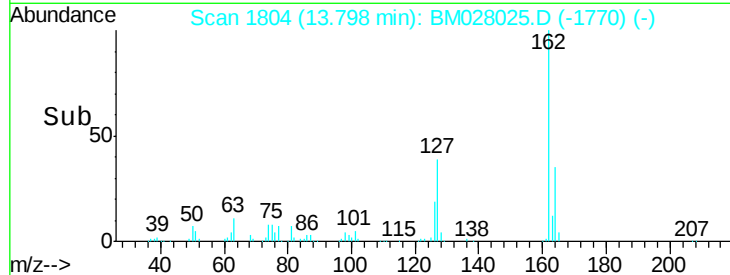
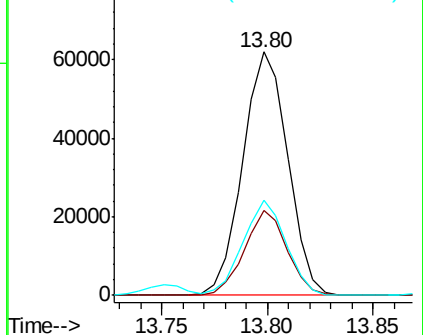


Abundance

Ion 162.00 (161.70 to 162.70): E

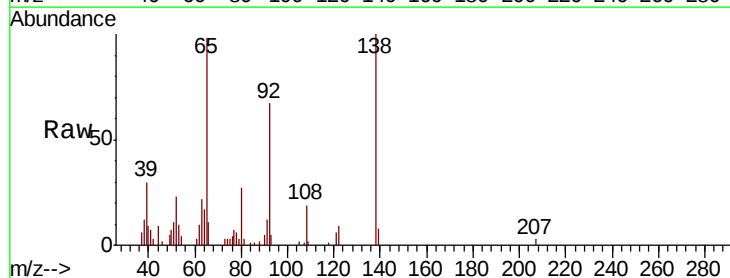
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#45
2-Nitroaniline
Concen: 2.304 ng/ul
RT: 13.99 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	55.0	82.6
138	101.6	83.8	125.6

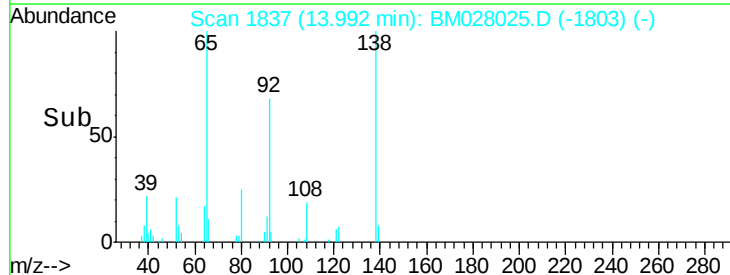
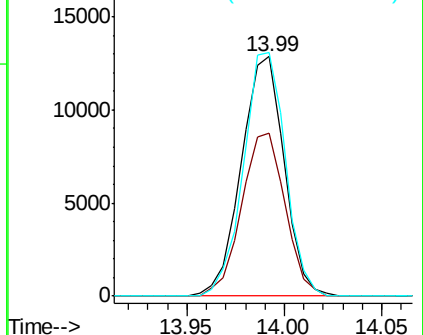


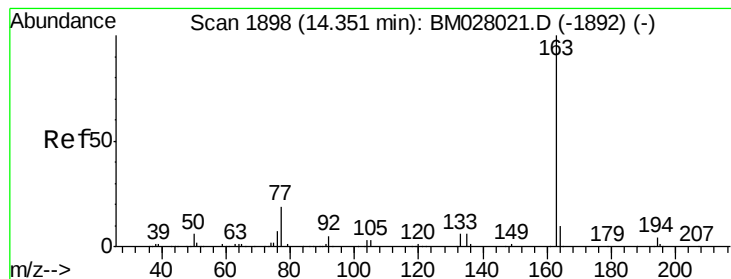
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#47

Dimethylphthalate

Concen: 2.849 ng/ul

RT: 14.35 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

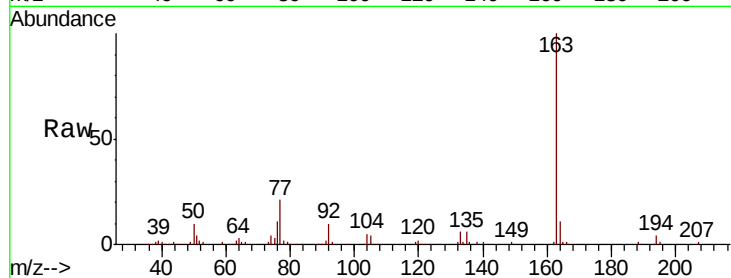
Tot Ion:163 Resp: 110554

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

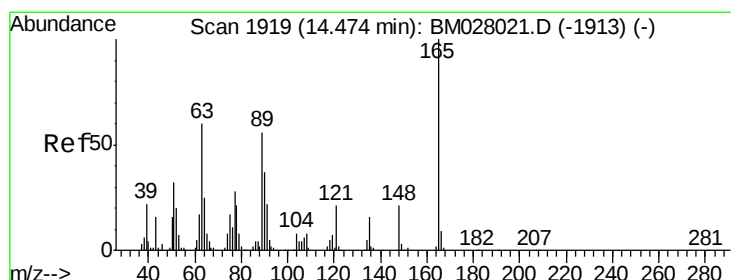
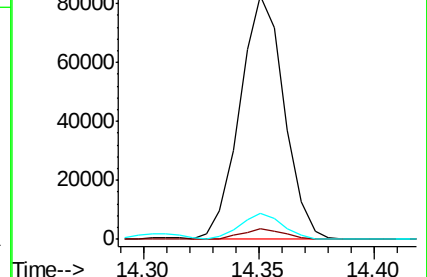
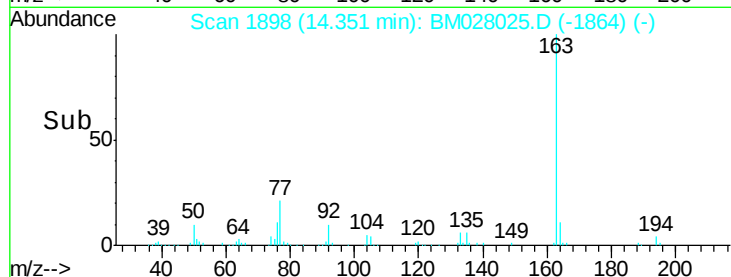
164 10.9 7.8 11.6



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: 2.299 ng/ul

RT: 14.47 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

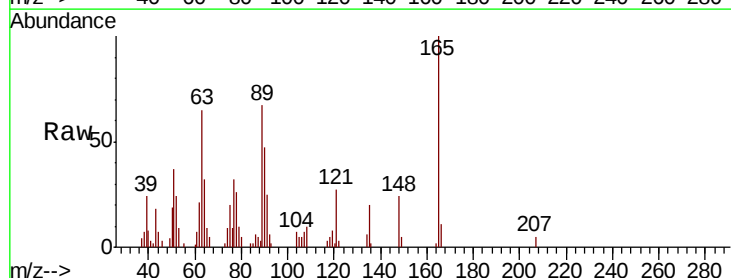
Tgt Ion:165 Resp: 16939

Ion Ratio Lower Upper

165 100

89 67.5 48.0 72.0

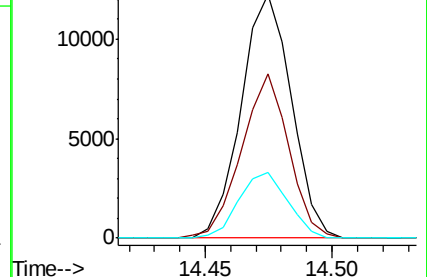
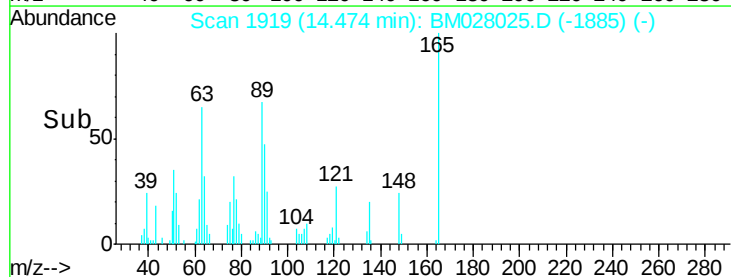
121 27.1 18.0 27.0#

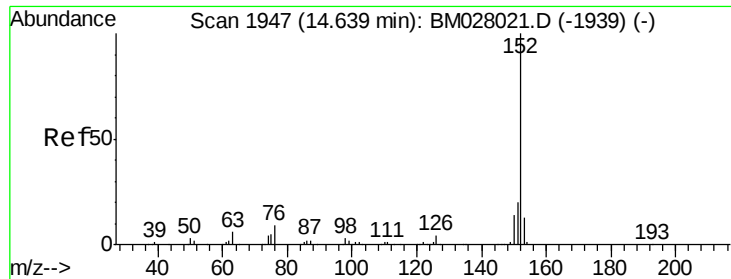


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 2.753 ng/ul

RT: 14.64 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

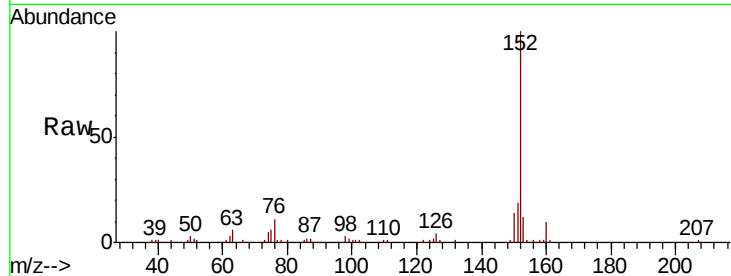
Tot Ion:152 Resp: 137498

Ion Ratio Lower Upper

152 100

151 19.3 15.5 23.3

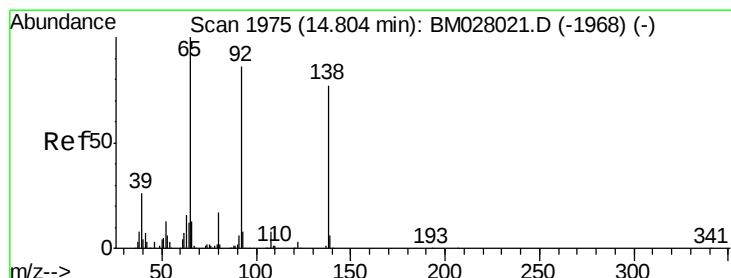
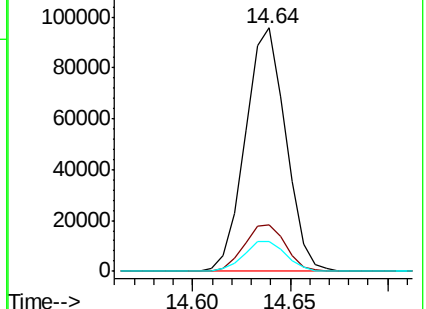
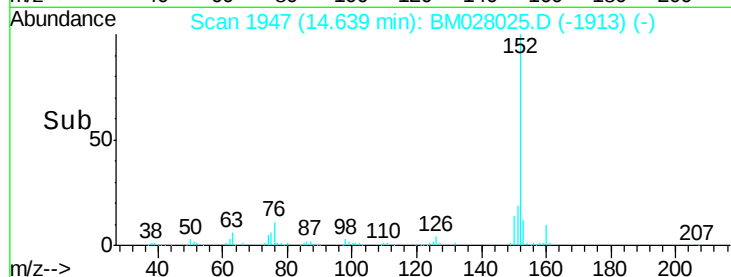
153 12.4 10.6 15.8



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: 2.401 ng/ul

RT: 14.80 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

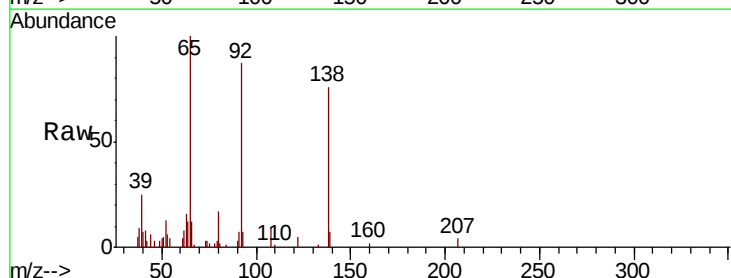
Tgt Ion:138 Resp: 17561

Ion Ratio Lower Upper

138 100

108 13.2 9.0 13.6

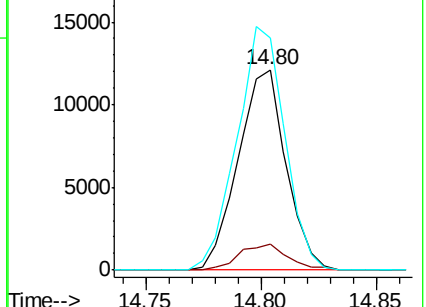
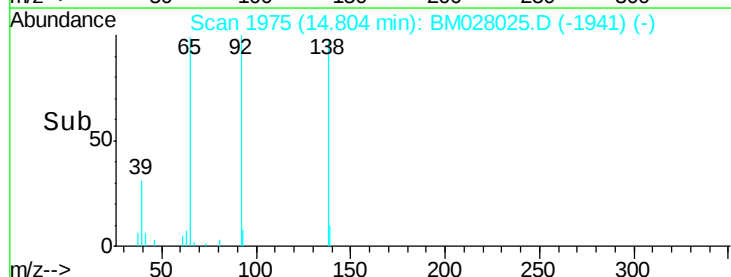
92 115.6 91.9 137.9

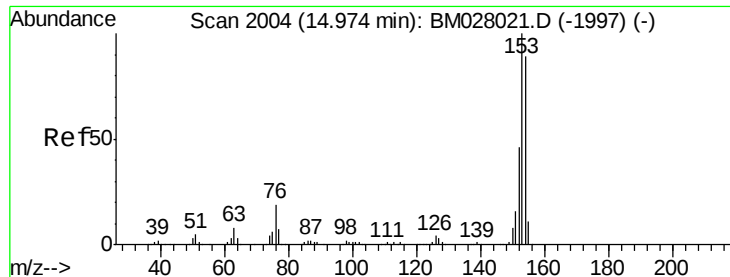


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#52

Acenaphthene

Concen: 2.705 ng/ul

RT: 14.97 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

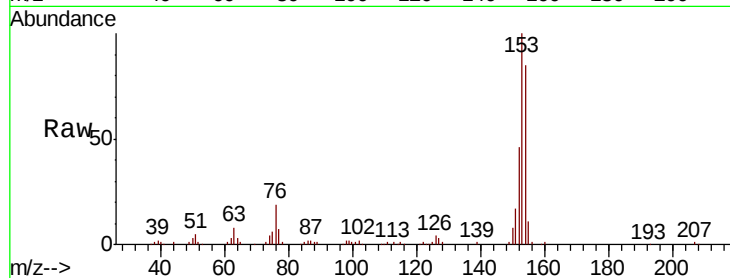
Tot Ion:153 Resp: 96950

Ion Ratio Lower Upper

153 100

152 45.8 36.8 55.2

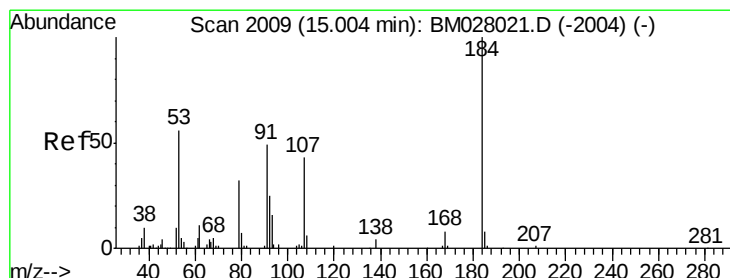
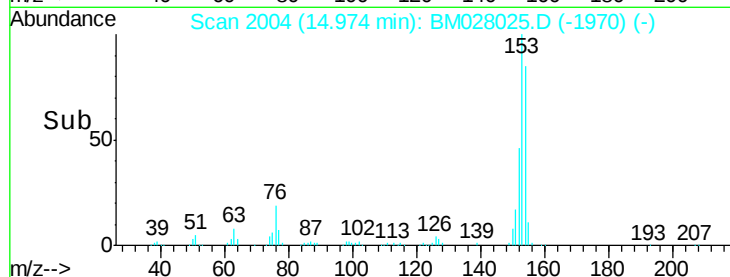
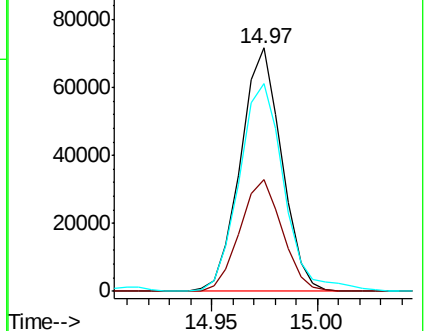
154 85.1 72.0 108.0



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: 1.458 ng/ul

RT: 15.00 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

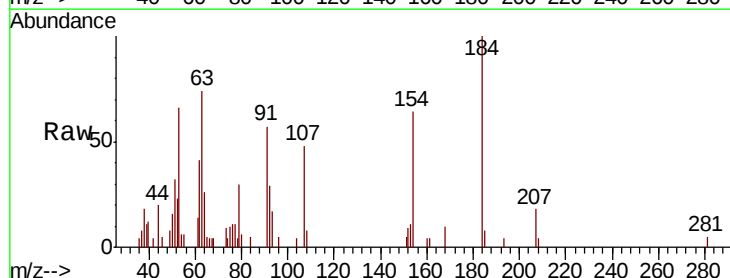
Tgt Ion:184 Resp: 6178

Ion Ratio Lower Upper

184 100

63 74.0 59.8 89.6

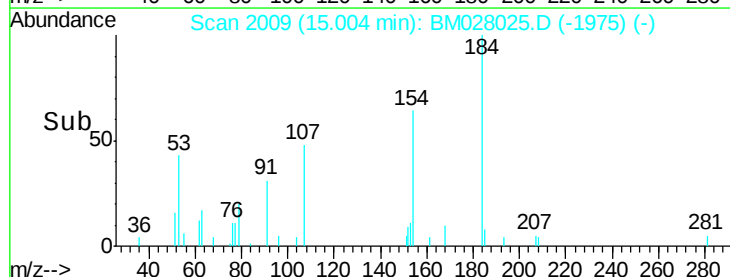
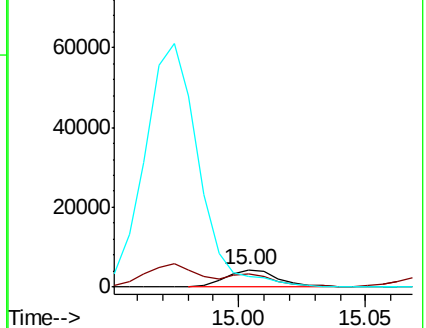
154 64.5 54.7 82.1

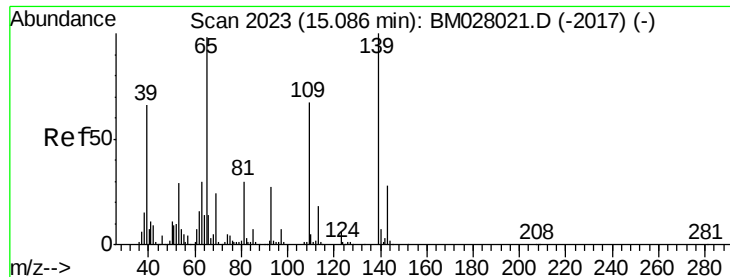


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

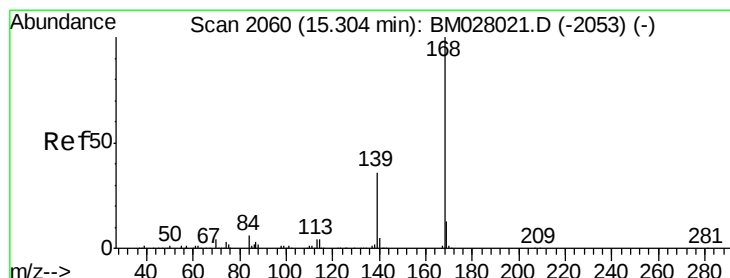
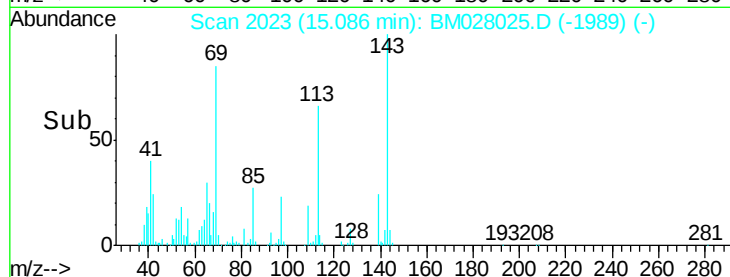
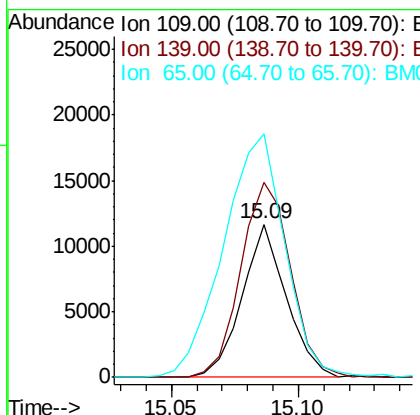
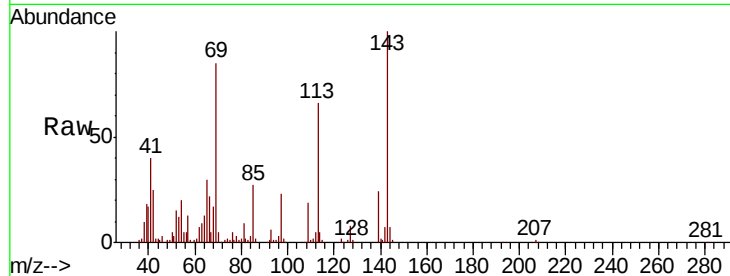




#55
4-Nitrophenol
Concen: 2.678 ng/ul
RT: 15.09 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

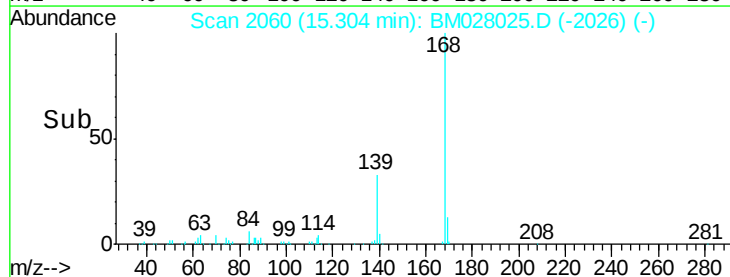
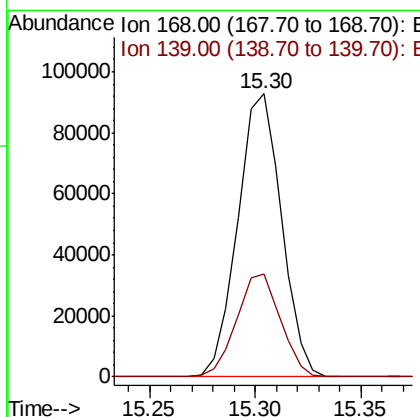
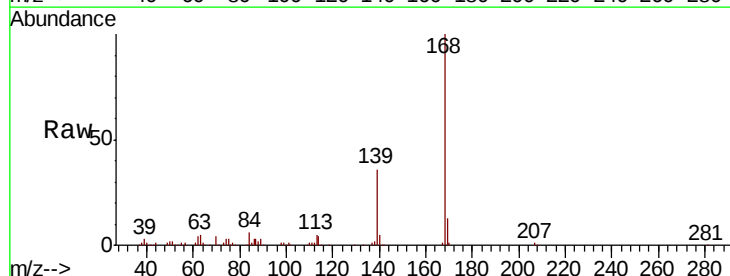
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-02

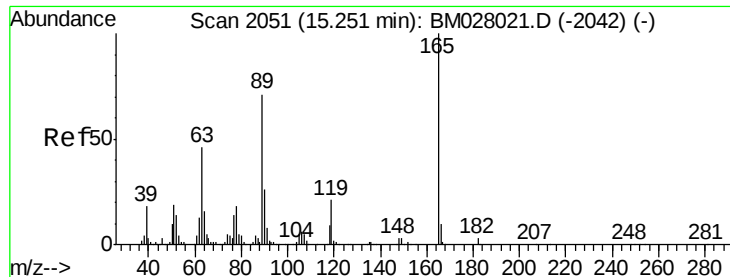
Tot Ion:109 Resp: 14253
Ion Ratio Lower Upper
109 100
139 127.5 109.8 164.6
65 158.9 116.3 174.5



#56
Dibenzofuran
Concen: 2.751 ng/ul
RT: 15.30 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion:168 Resp: 133546
Ion Ratio Lower Upper
168 100
139 36.2 29.2 43.8

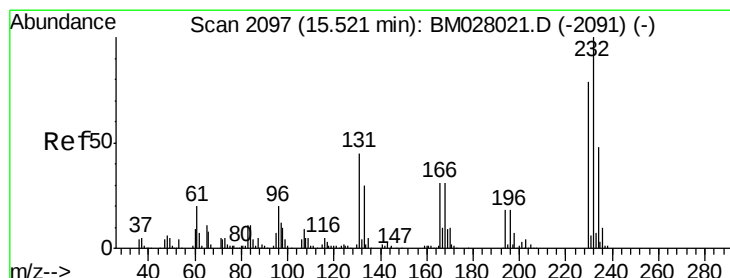
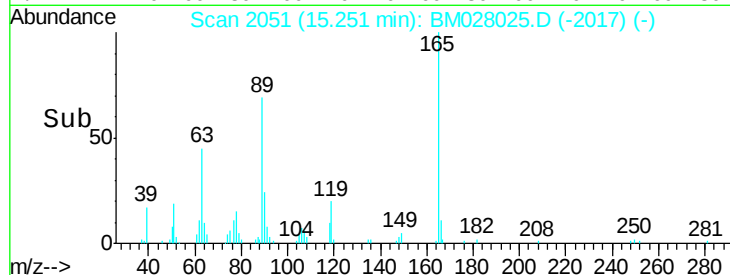
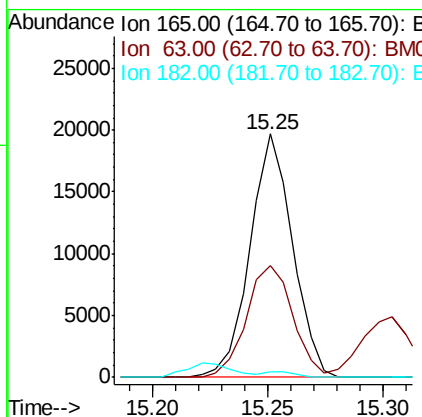
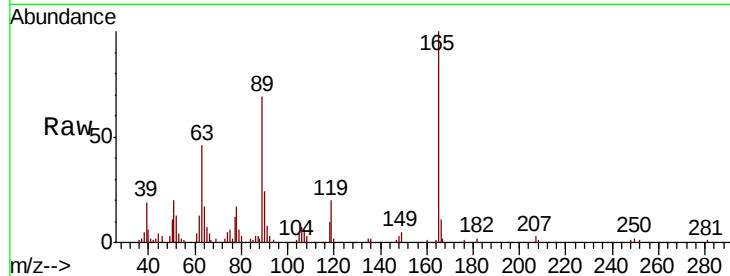




#57
 2,4-Dinitrotoluene
 Concen: 2.449 ng/ul
 RT: 15.25 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

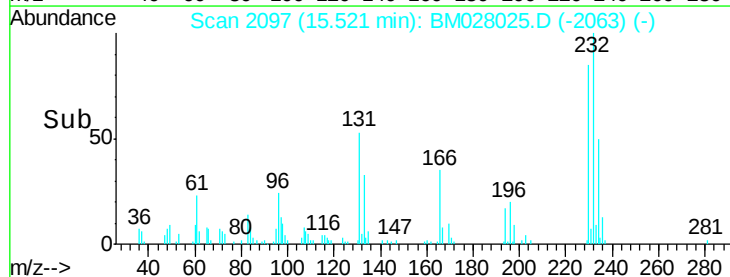
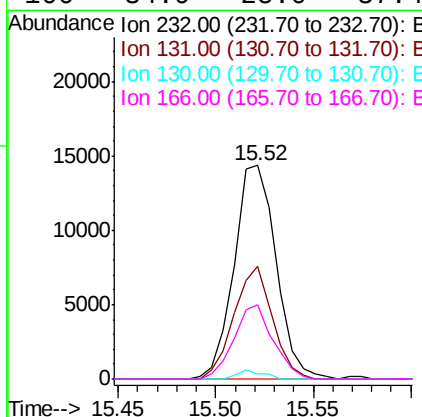
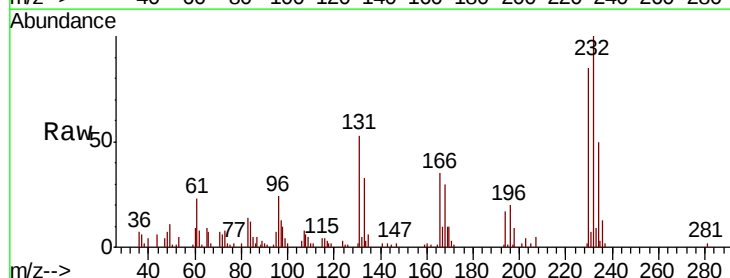
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-02

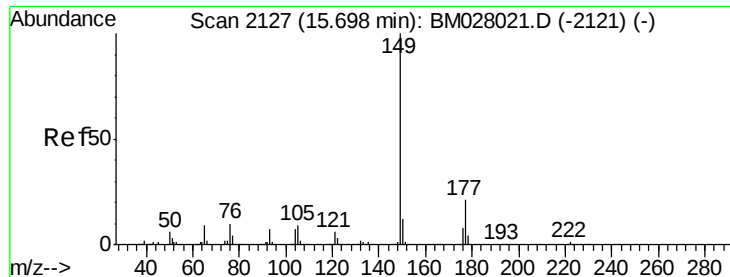
Tot Ion:165 Resp: 25286
 Ion Ratio Lower Upper
 165 100
 63 46.0 33.3 49.9
 182 2.0 2.5 3.7#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.403 ng/ul
 RT: 15.52 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

Tgt Ion:232 Resp: 21443
 Ion Ratio Lower Upper
 232 100
 131 53.0 36.6 54.8
 130 2.5 2.0 3.0
 166 34.9 25.0 37.4

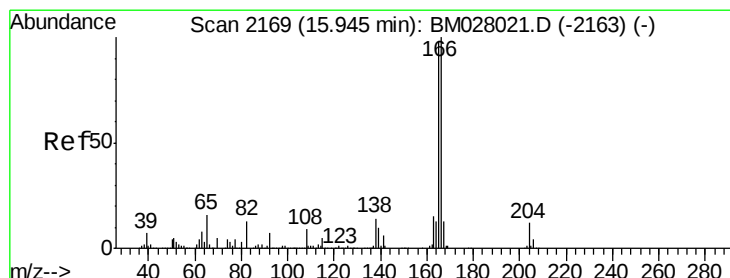
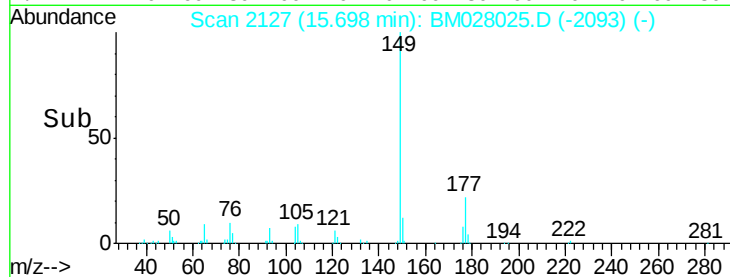
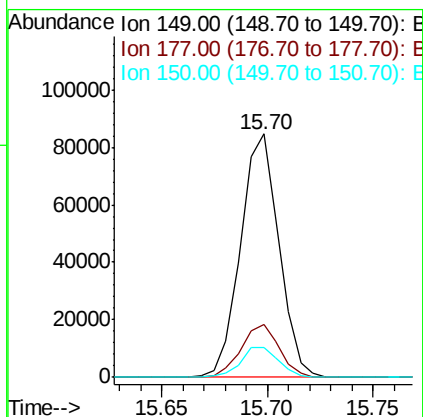
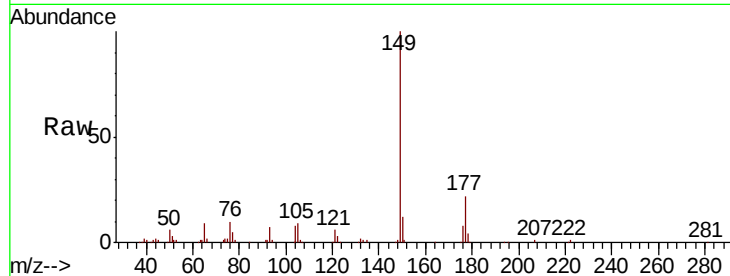




#59
Diethylphthalate
Concen: 2.799 ng/ul
RT: 15.70 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

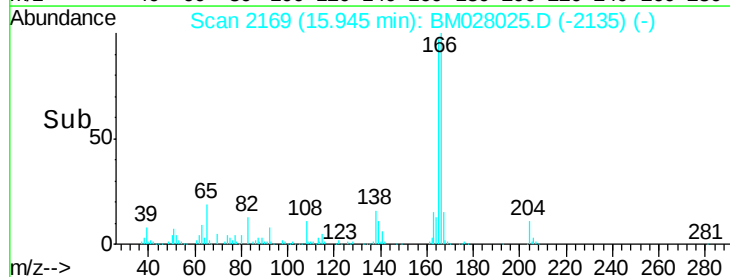
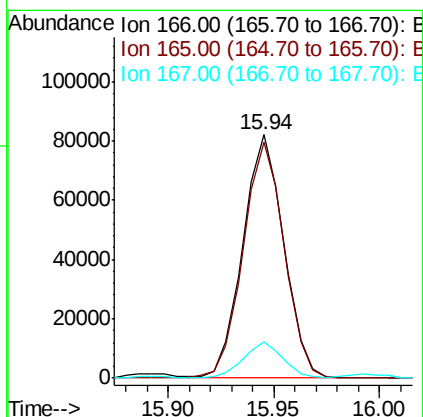
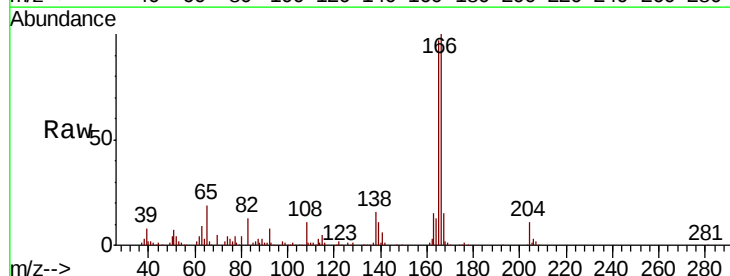
Instrument :
BNA_M
ClientSampled :
MDL-SOIL-02

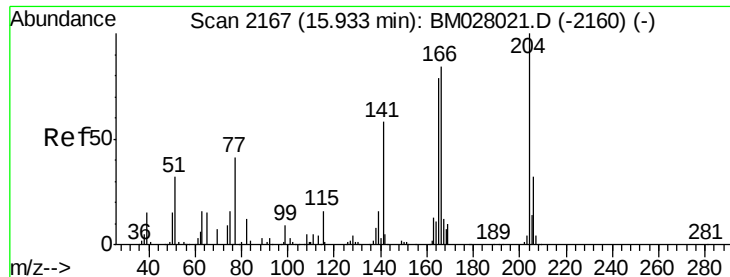
Tot Ion:149 Resp: 106439
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.1 10.1 15.1



#61
Fluorene
Concen: 2.795 ng/ul
RT: 15.94 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion:166 Resp: 110736
Ion Ratio Lower Upper
166 100
165 97.0 77.5 116.3
167 14.8 10.6 16.0





#62

4-Chlorophenyl-phenylether

Concen: 2.821 ng/ul

RT: 15.93 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleID :

MDL-SOIL-02

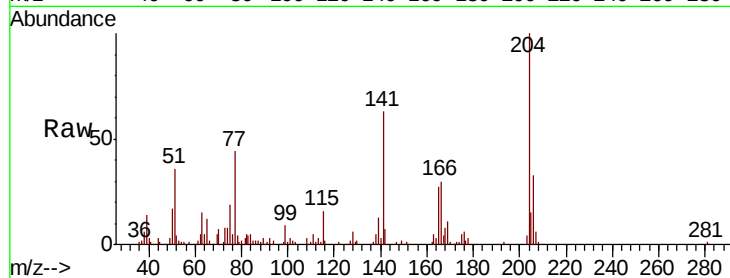
Tot Ion:204 Resp: 54734

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.8

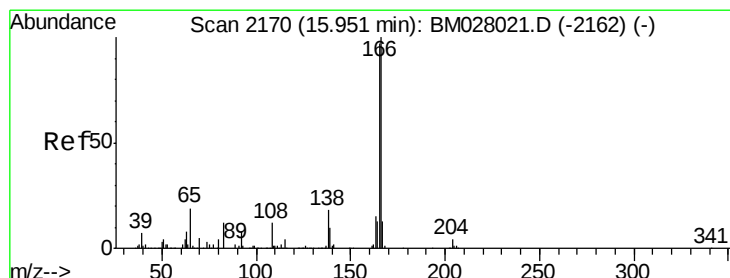
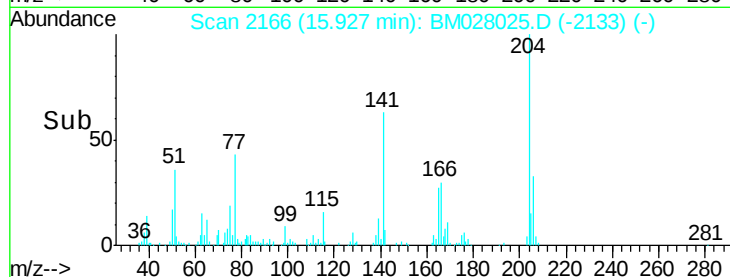
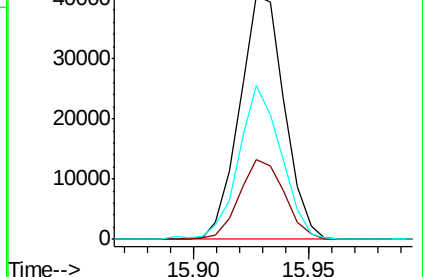
141 63.0 46.2 69.2



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



#63

4-Nitroaniline

Concen: 2.891 ng/ul

RT: 15.94 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

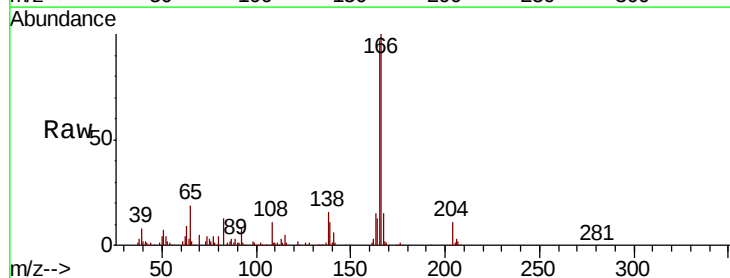
Tgt Ion:138 Resp: 18729

Ion Ratio Lower Upper

138 100

92 49.5 39.1 58.7

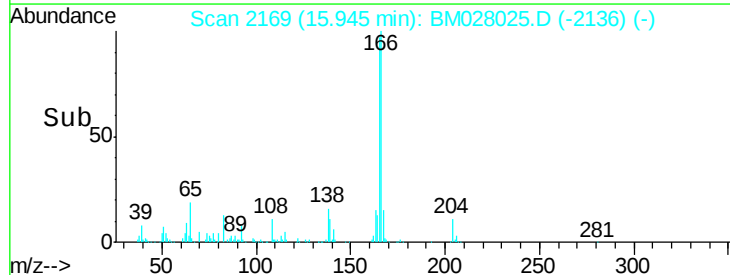
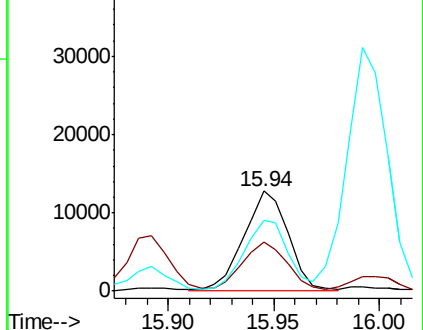
108 71.0 55.9 83.9

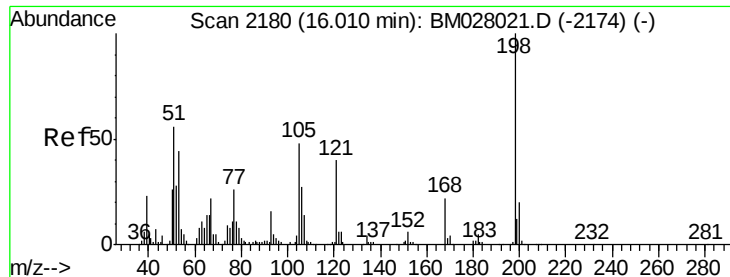


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E

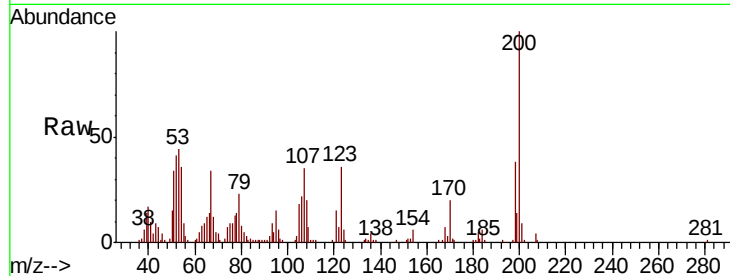




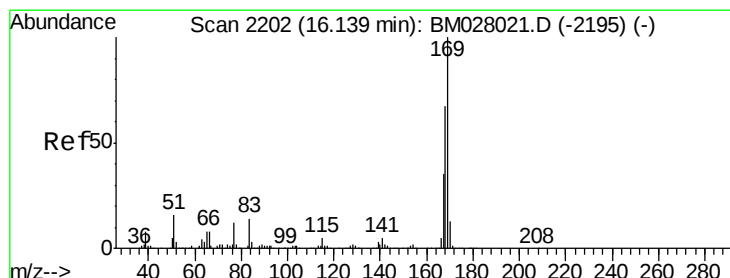
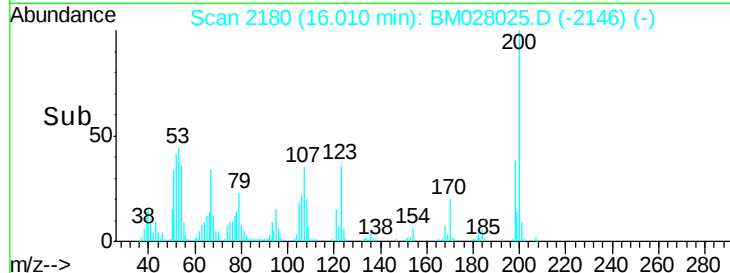
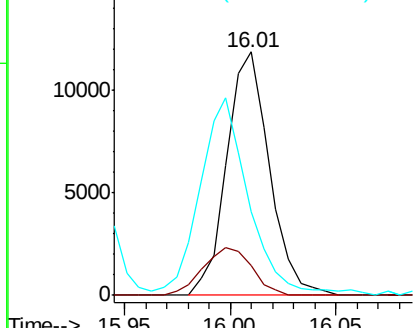
#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.554 ng/ul
 RT: 16.01 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-02

Tot Ion:198 Resp: 16658
 Ion Ratio Lower Upper
 198 100
 182 12.3 3.5 5.3#
 77 34.4 20.2 30.4#

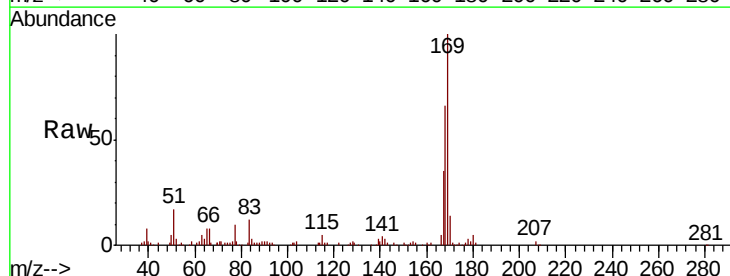


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

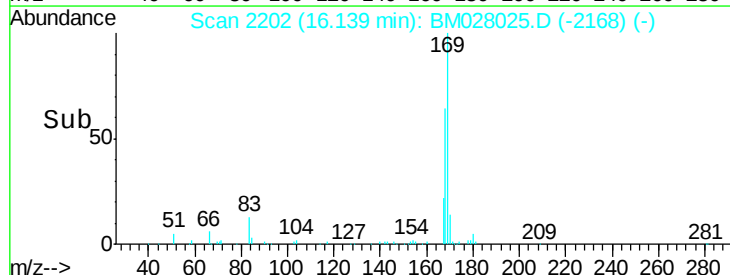
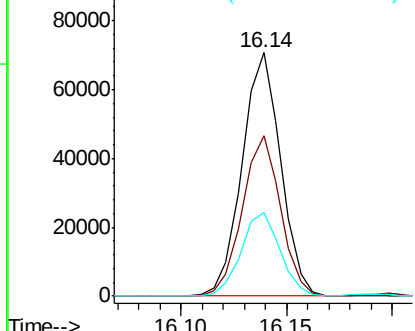


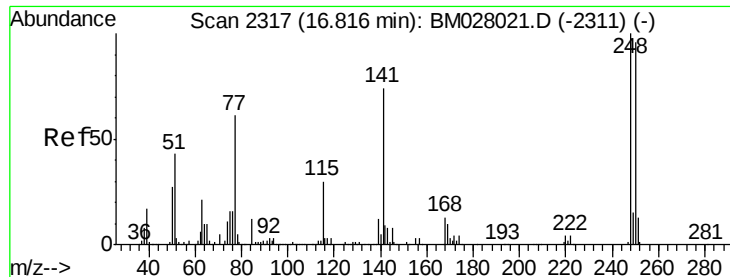
#67
 N-Nitrosodiphenylamine
 Concen: 2.674 ng/ul
 RT: 16.14 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BM028025.D
 Acq: 04 Dec 2020 11:51

Tgt Ion:169 Resp: 89757
 Ion Ratio Lower Upper
 169 100
 168 65.7 52.8 79.2
 167 34.6 28.8 43.2



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

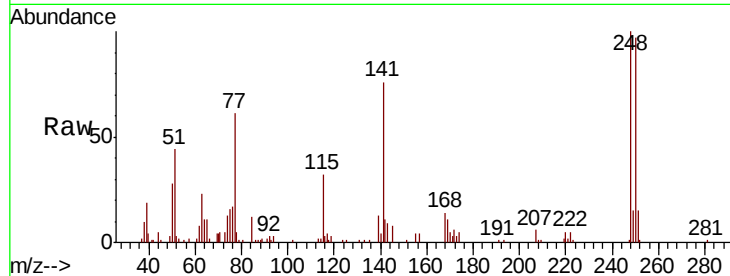




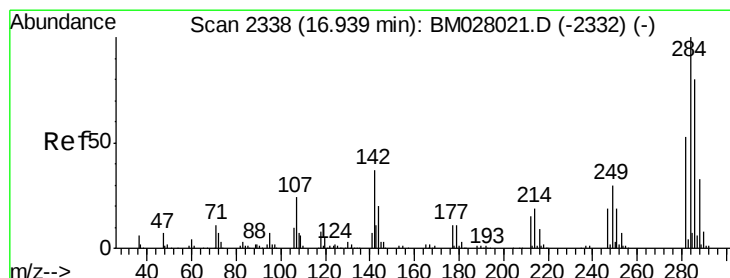
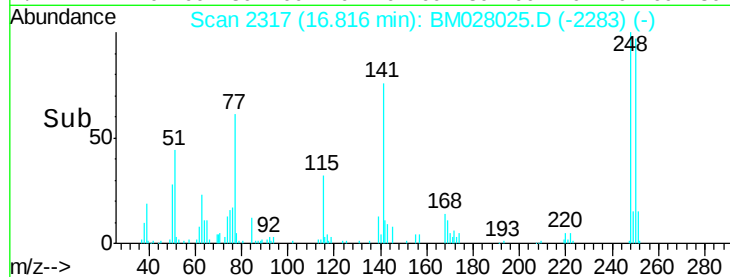
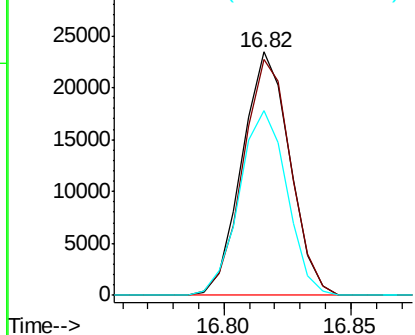
#68
4-Bromophenyl-phenylether
Concen: 2.640 ng/ul
RT: 16.82 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-02

Tot Ion:248 Resp: 30800
Ion Ratio Lower Upper
248 100
250 96.8 77.7 116.5
141 76.0 53.3 79.9

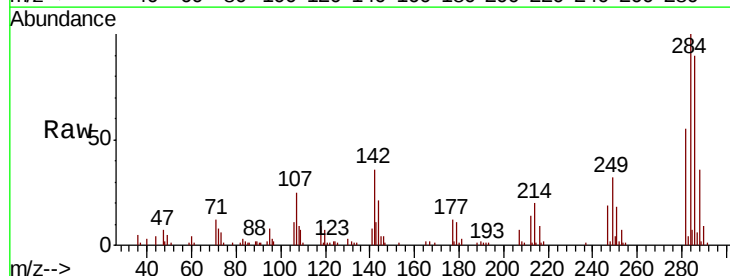


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

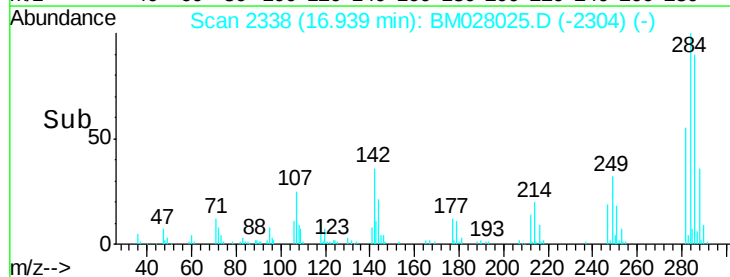
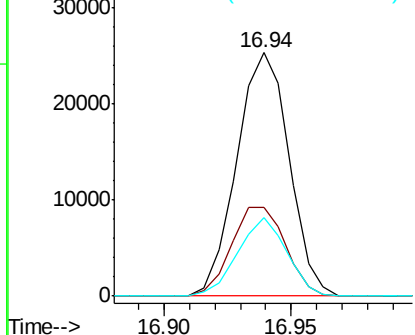


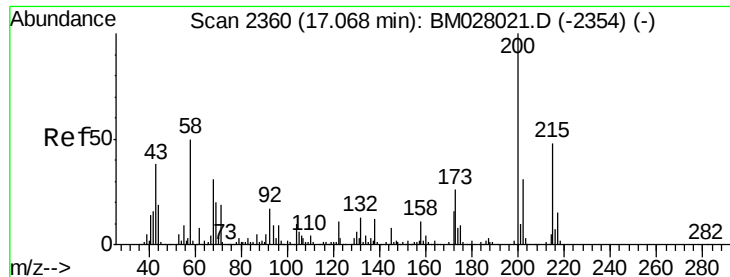
#69
Hexachlorobenzene
Concen: 2.697 ng/ul
RT: 16.94 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion:284 Resp: 36299
Ion Ratio Lower Upper
284 100
142 36.4 28.6 42.8
249 32.0 23.8 35.6



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: 2.378 ng/ul

RT: 17.07 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

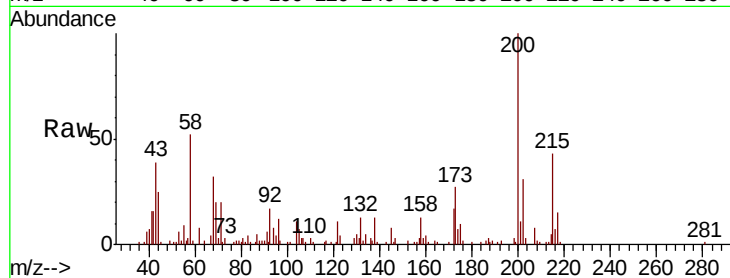
Tot Ion:200 Resp: 27014

Ion Ratio Lower Upper

200 100

173 27.2 22.3 33.5

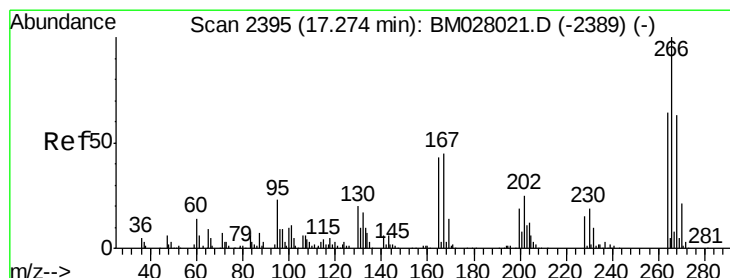
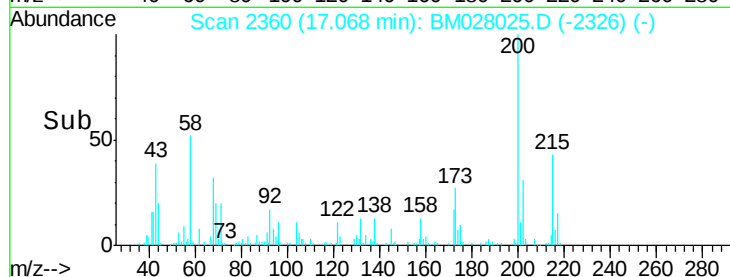
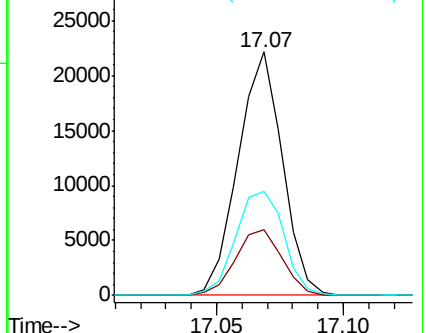
215 42.9 38.4 57.6



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: 1.953 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

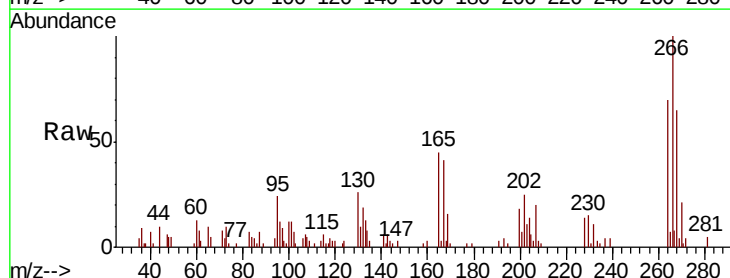
Tgt Ion:266 Resp: 14706

Ion Ratio Lower Upper

266 100

264 70.2 50.2 75.4

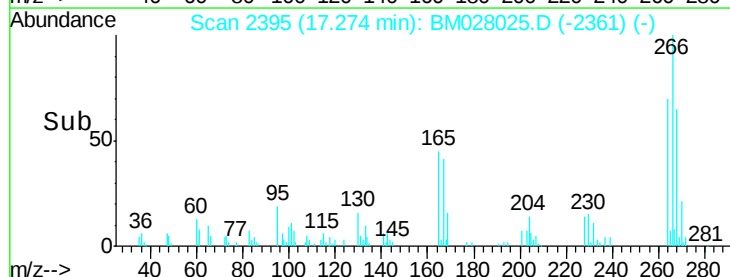
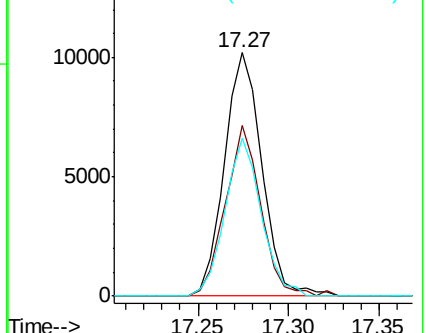
268 64.8 51.2 76.8

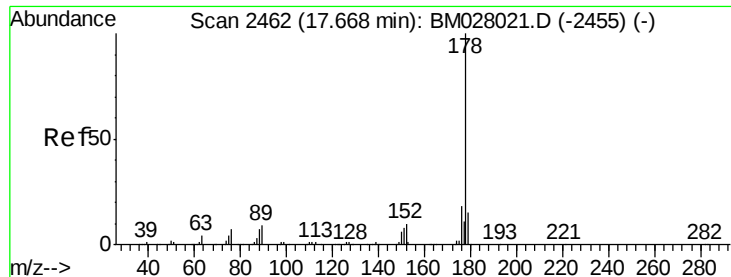


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 2.707 ng/ul

RT: 17.67 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

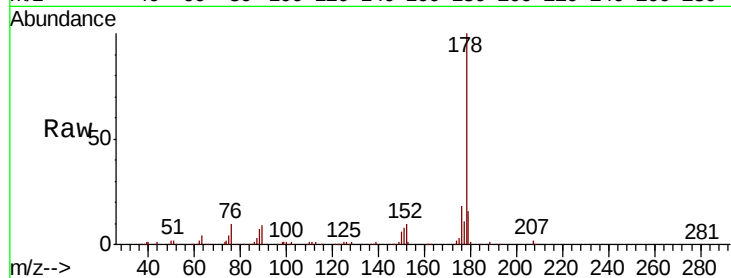
Tot Ion:178 Resp: 167999

Ion Ratio Lower Upper

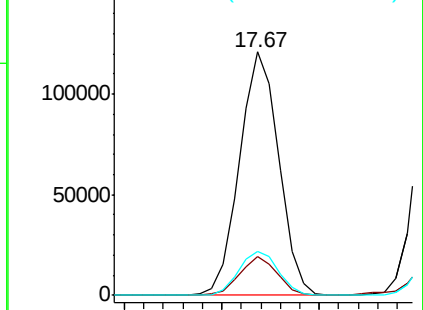
178 100

179 16.0 11.8 17.8

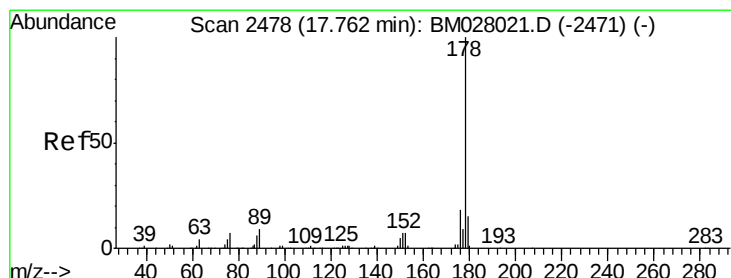
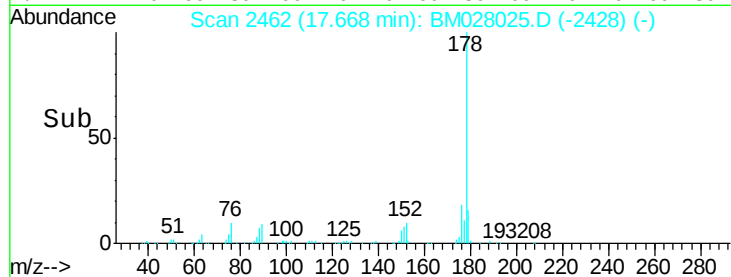
176 18.3 14.2 21.4



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



Time--> 17.60 17.65 17.70



#74

Anthracene

Concen: 2.697 ng/ul

RT: 17.76 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

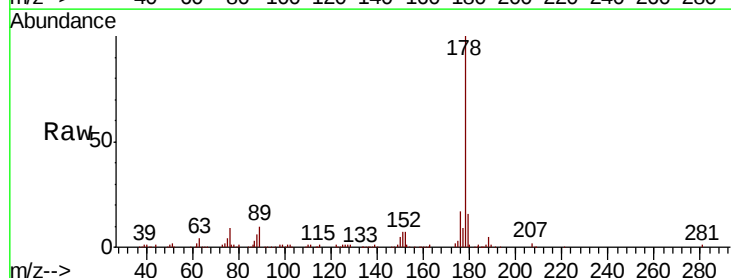
Tgt Ion:178 Resp: 170456

Ion Ratio Lower Upper

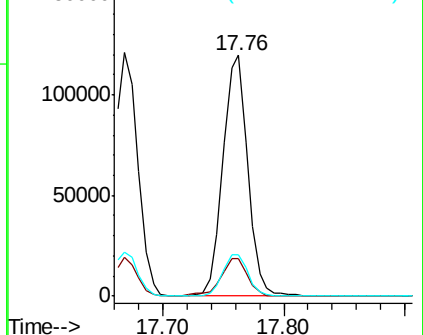
178 100

179 15.7 12.2 18.4

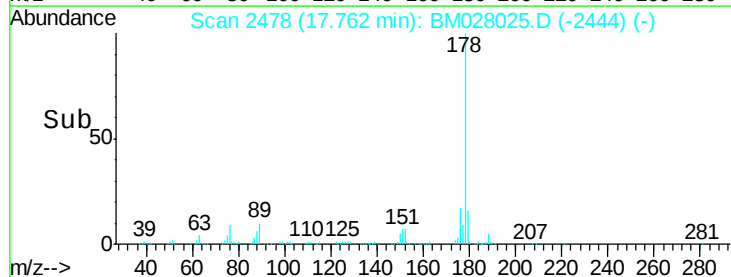
176 17.0 14.5 21.7

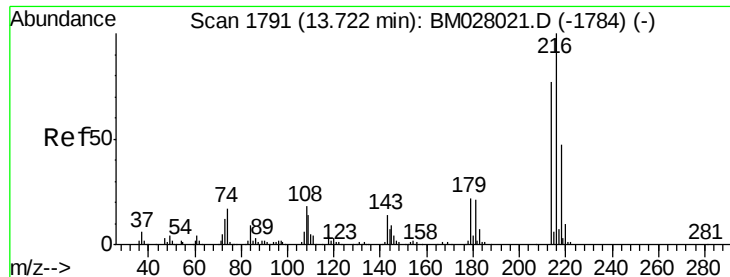


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.70 17.80





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.590 ng/uL

RT: 13.72 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

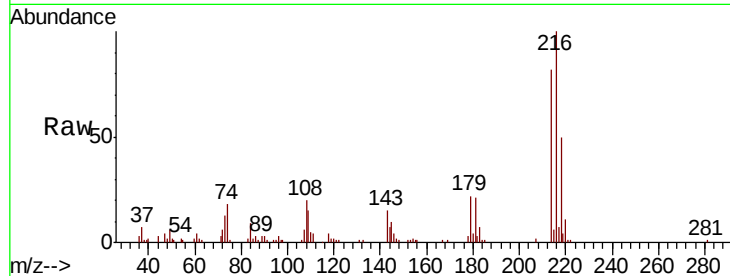
Tot Ion:216 Resp: 44649

Ion Ratio Lower Upper

216 100

214 81.5 63.0 94.6

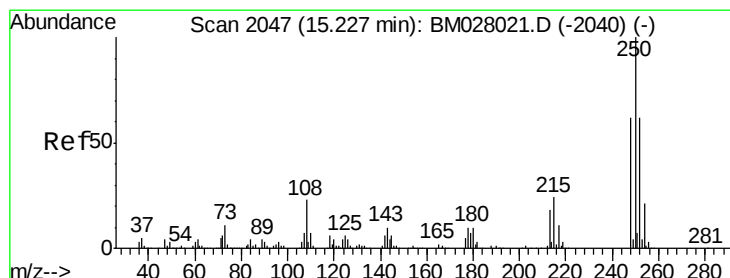
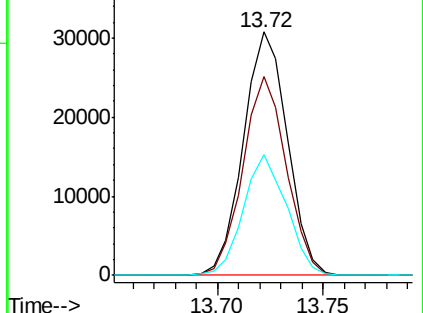
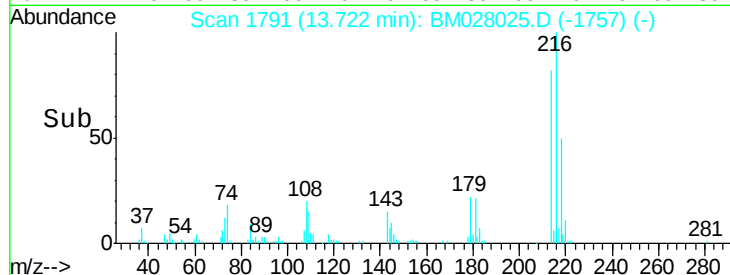
218 49.7 37.8 56.8



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: 2.612 ng/uL

RT: 15.22 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

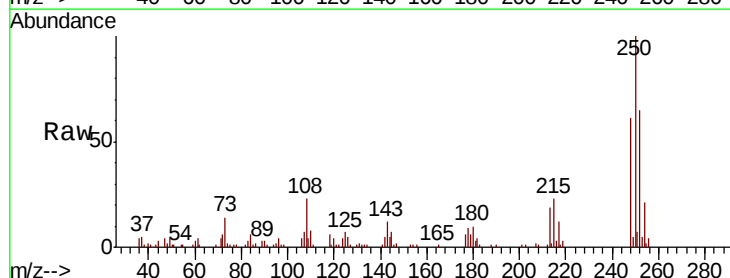
Tgt Ion:250 Resp: 43139

Ion Ratio Lower Upper

250 100

248 60.7 50.8 76.2

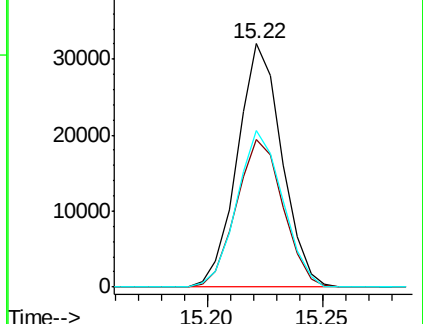
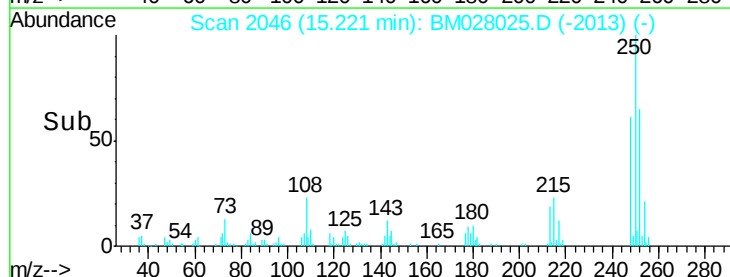
252 64.6 50.5 75.7

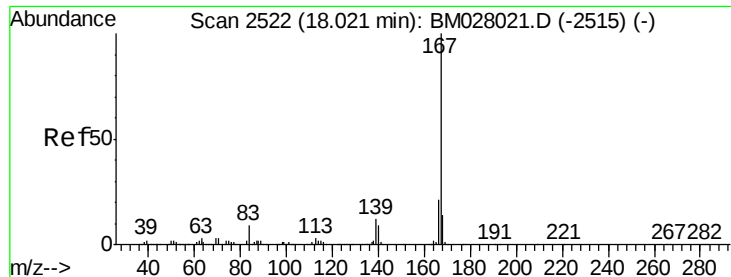


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 2.519 ng/ul

RT: 18.02 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

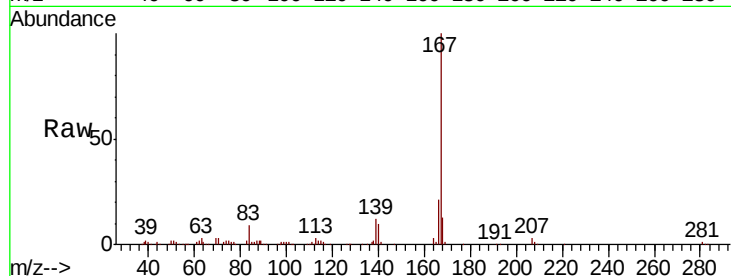
Tot Ion:167 Resp: 135457

Ion Ratio Lower Upper

167 100

166 21.1 16.6 25.0

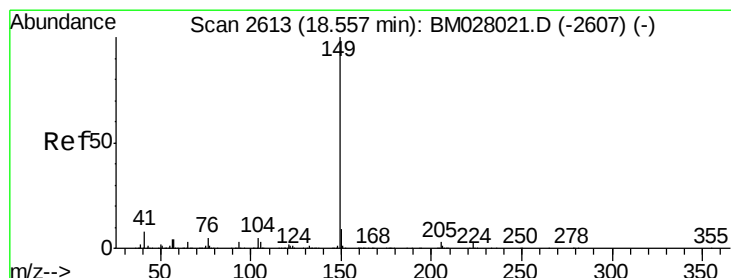
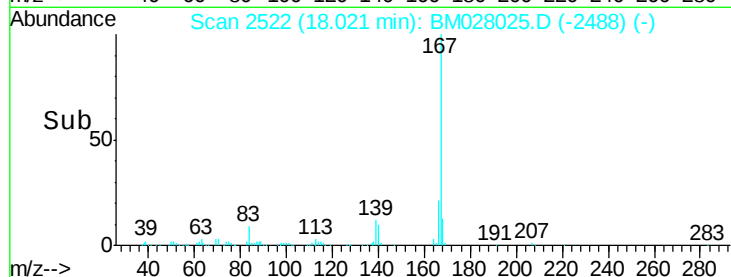
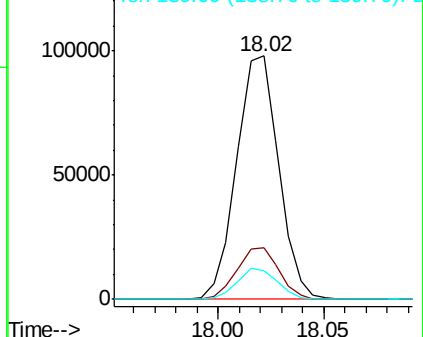
139 11.9 9.8 14.8



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



#78

Di-n-butylphthalate

Concen: 2.524 ng/ul

RT: 18.56 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

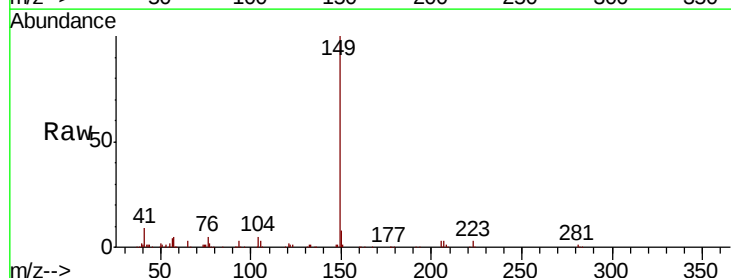
Tgt Ion:149 Resp: 154764

Ion Ratio Lower Upper

149 100

150 8.4 7.2 10.8

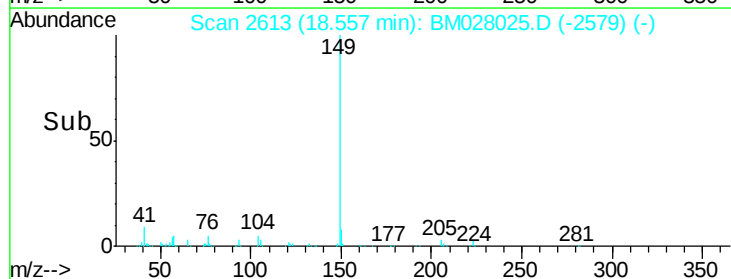
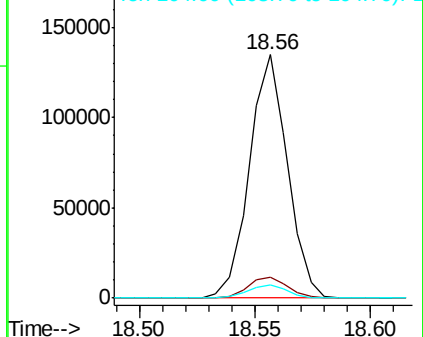
104 5.3 4.0 6.0

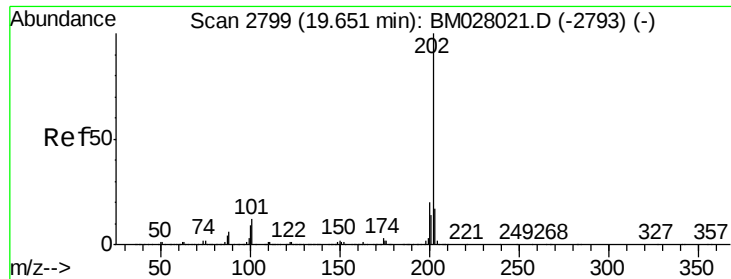


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Fluoranthene

Concen: 2.720 ng/ul

RT: 19.65 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

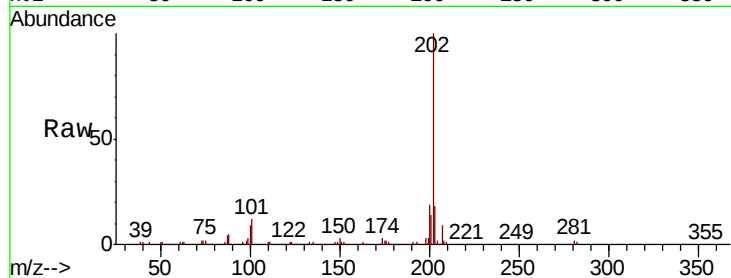
Tot Ion:202 Resp: 175667

Ion Ratio Lower Upper

202 100

101 12.0 9.9 14.9

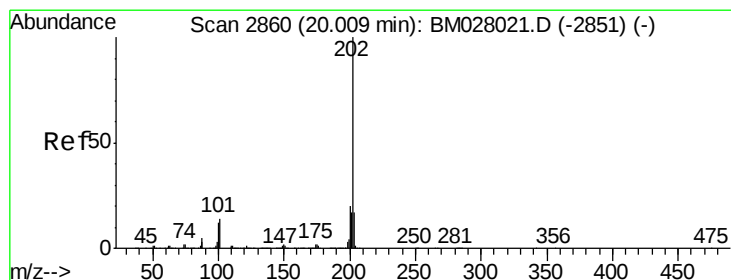
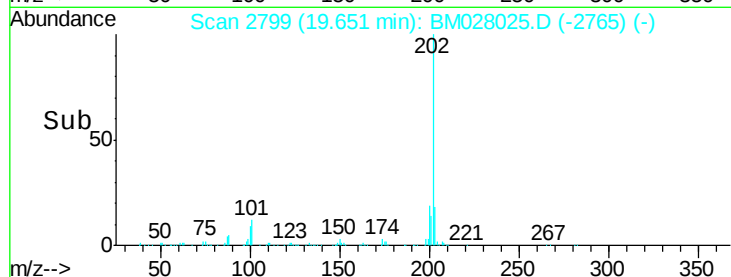
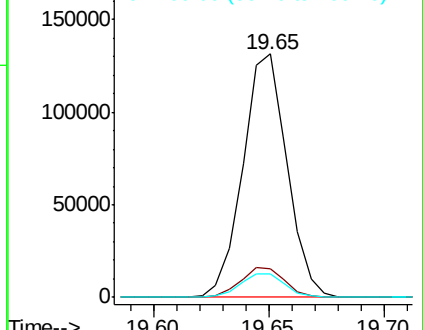
100 9.4 7.5 11.3



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: 2.884 ng/ul

RT: 20.01 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

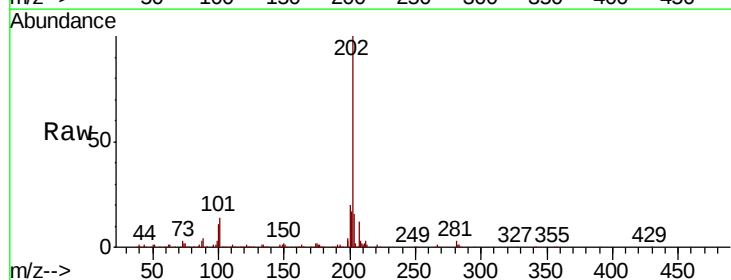
Tgt Ion:202 Resp: 194372

Ion Ratio Lower Upper

202 100

101 13.7 11.6 17.4

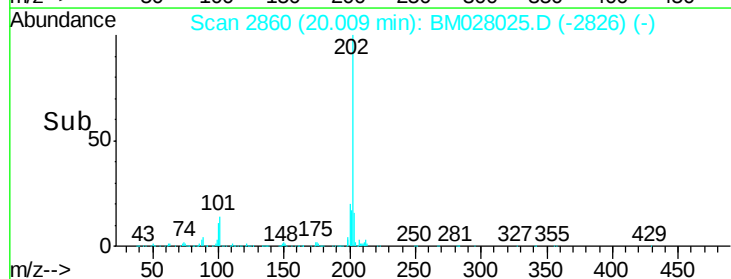
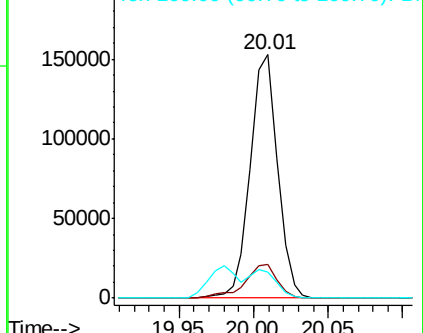
100 10.9 9.5 14.3

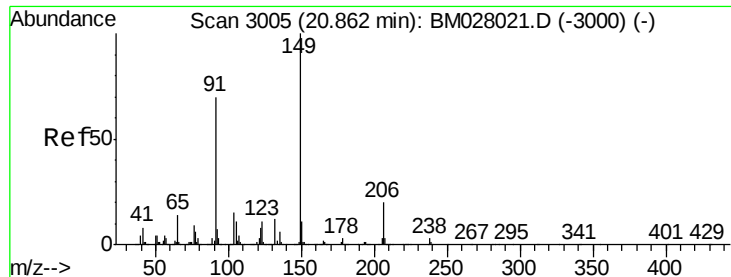


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

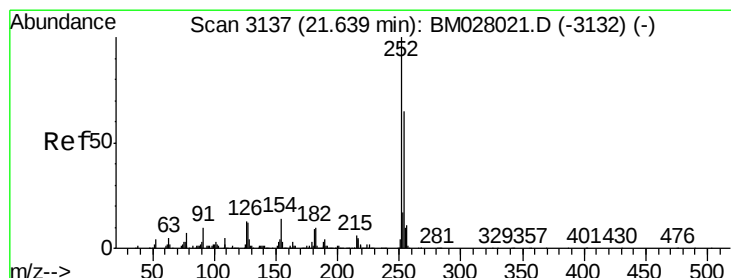
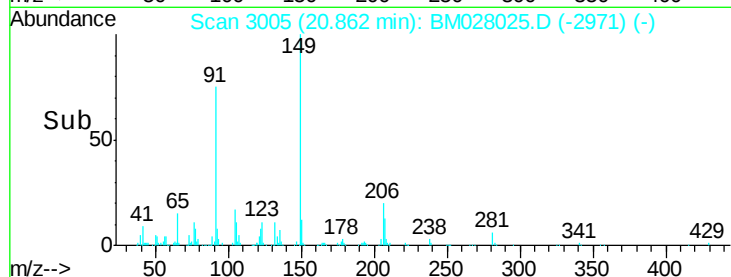
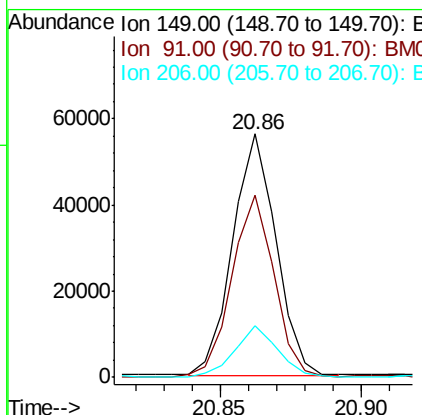
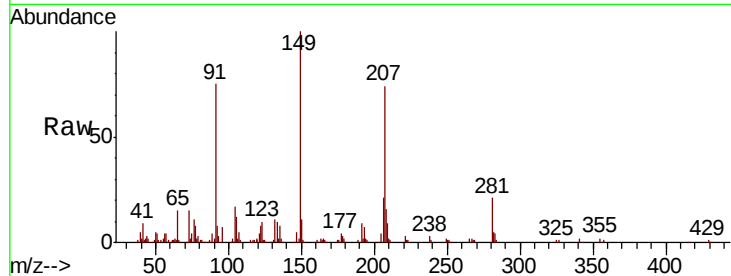




#83
Butylbenzylphthalate
Concen: 2.475 ng/ul
RT: 20.86 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

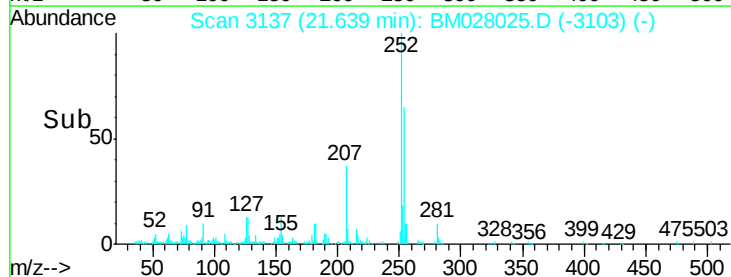
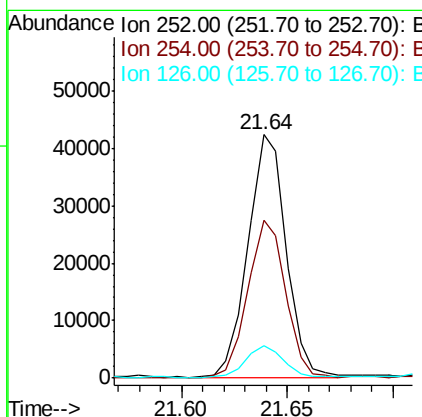
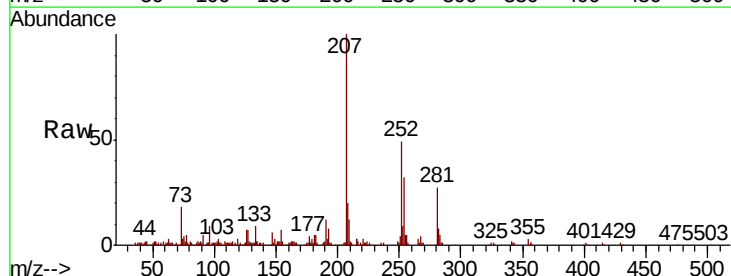
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-02

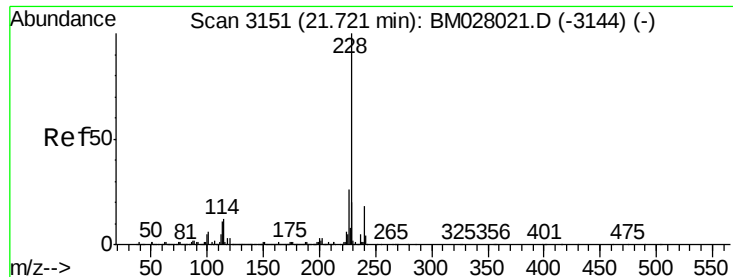
Tot Ion:149 Resp: 59879
Ion Ratio Lower Upper
149 100
91 74.6 57.7 86.5
206 21.0 15.3 22.9



#84
3,3'-Dichlorobenzidine
Concen: 2.557 ng/ul
RT: 21.64 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion:252 Resp: 53194
Ion Ratio Lower Upper
252 100
254 64.8 52.7 79.1
126 13.3 9.1 13.7





#85

Benzo(a)anthracene

Concen: 2.708 ng/ul

RT: 21.72 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

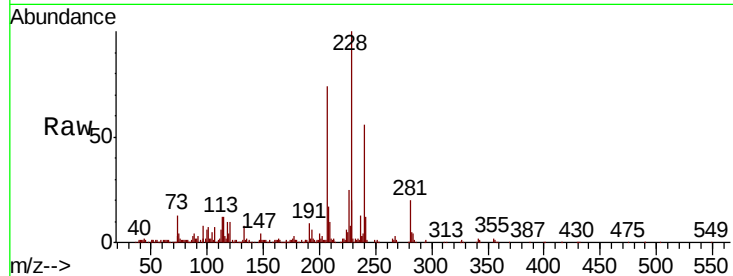
Tot Ion:228 Resp: 168746

Ion Ratio Lower Upper

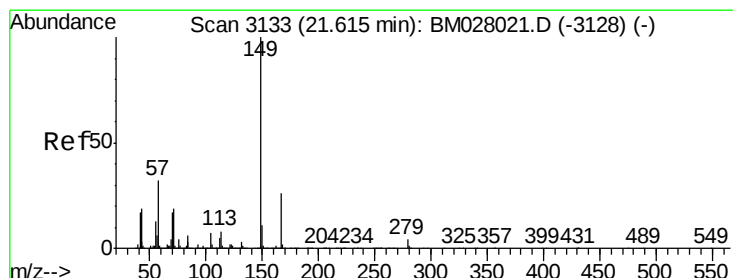
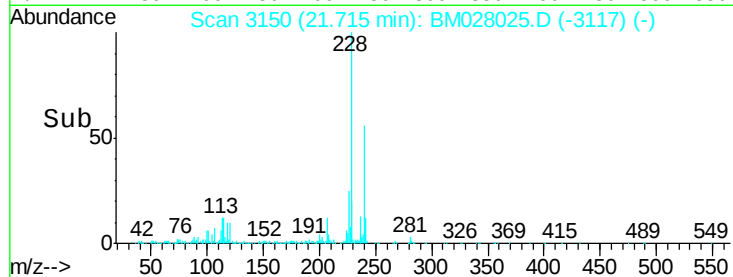
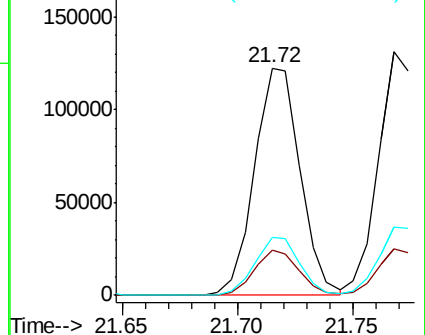
228 100

229 19.6 15.4 23.0

226 25.4 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: 2.471 ng/ul

RT: 21.62 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

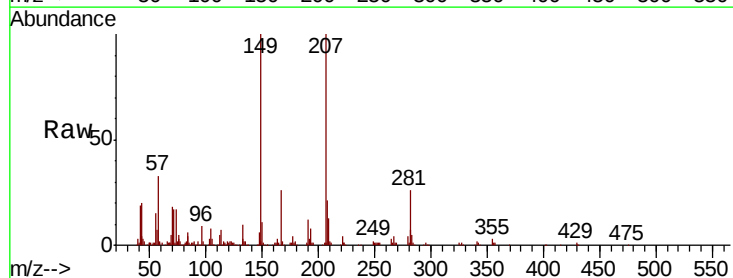
Tgt Ion:149 Resp: 90424

Ion Ratio Lower Upper

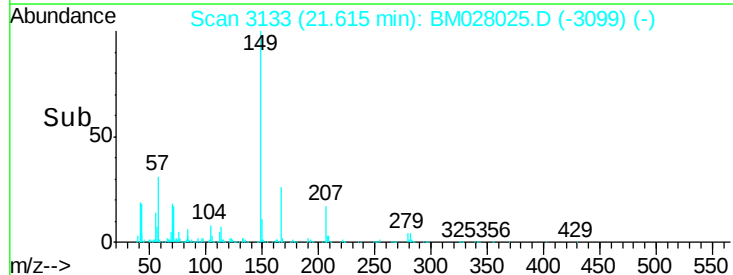
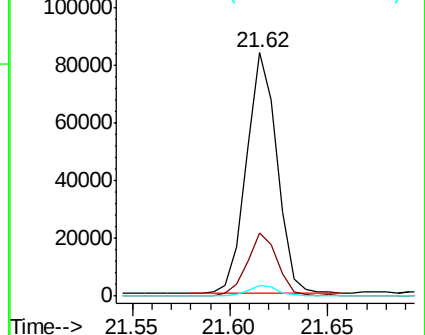
149 100

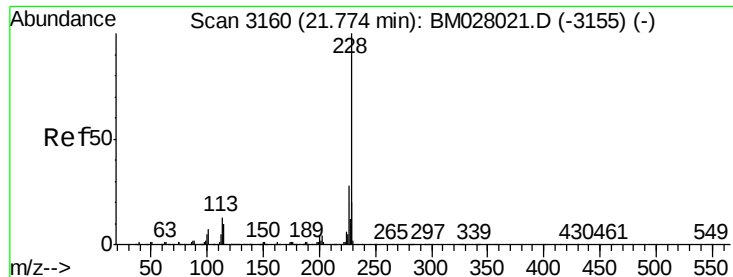
167 26.0 20.6 30.8

279 4.2 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: 2.725 ng/ul

RT: 21.77 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

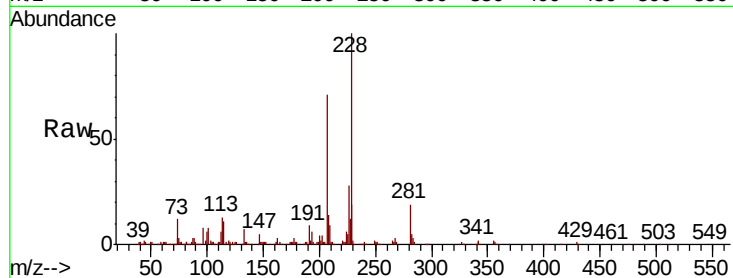
Tot Ion:228 Resp: 167882

Ion Ratio Lower Upper

228 100

226 28.3 23.2 34.8

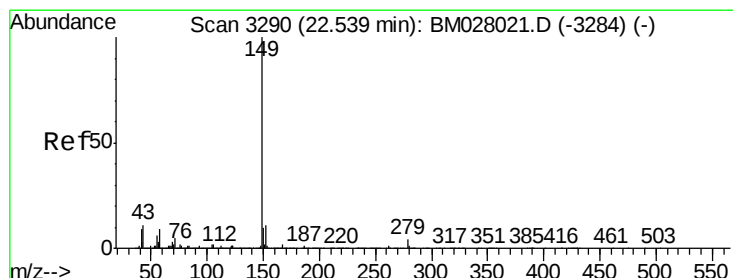
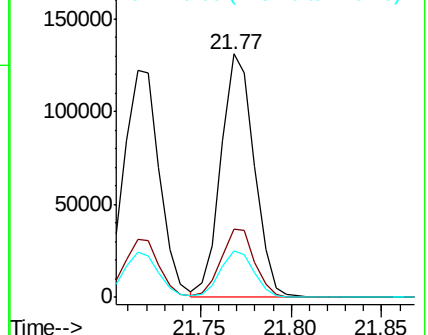
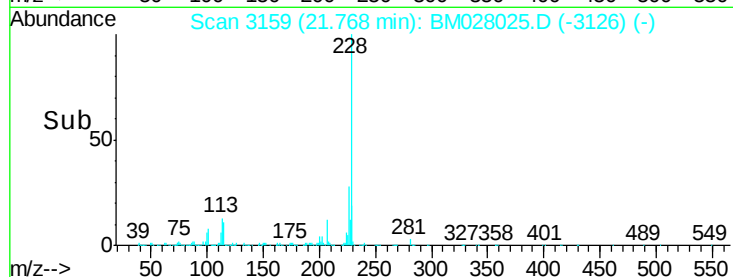
229 19.3 15.7 23.5



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: 2.376 ng/ul

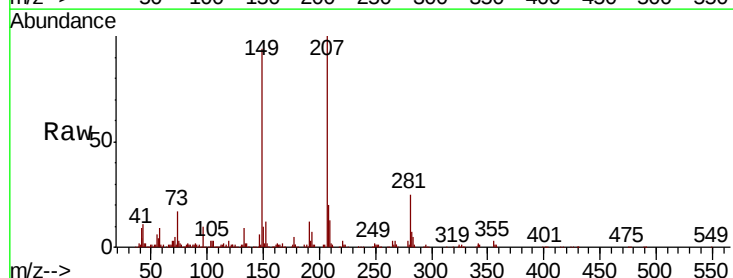
RT: 22.54 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BM028025.D

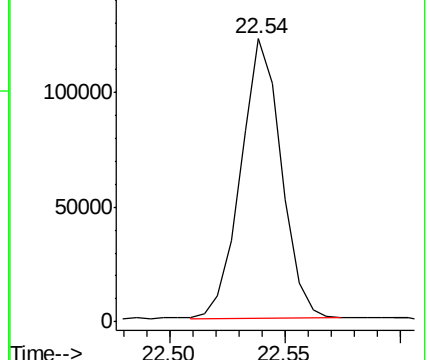
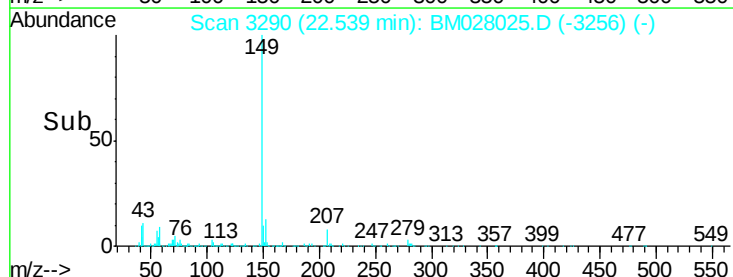
Acq: 04 Dec 2020 11:51

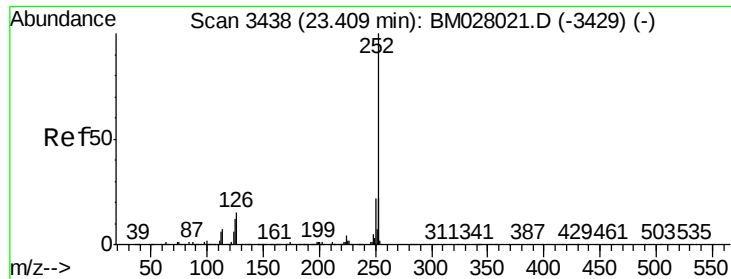
Tgt Ion:149 Resp: 148944



Abundance Ion 149.00 (148.70 to 149.70): E

22.54





#90

Benzo(b)fluoranthene

Concen: 2.713 ng/u1

RT: 23.40 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

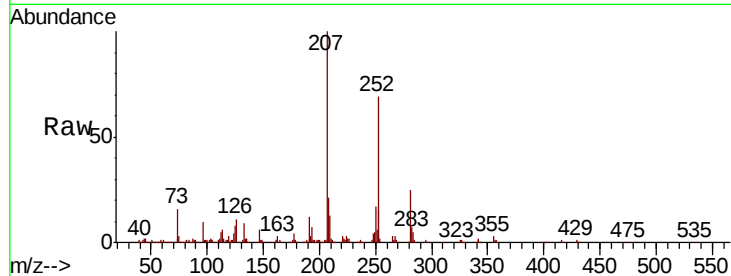
Tot Ion:252 Resp: 165527

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

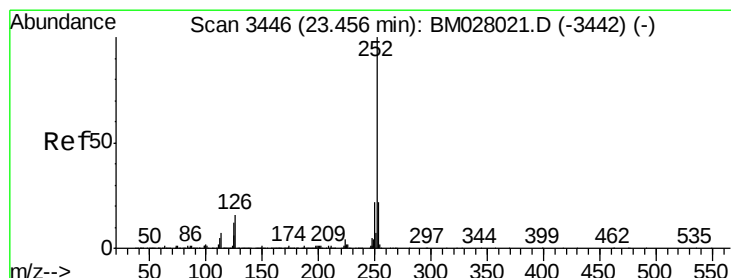
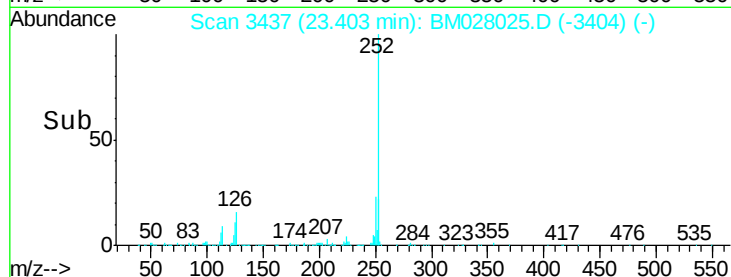
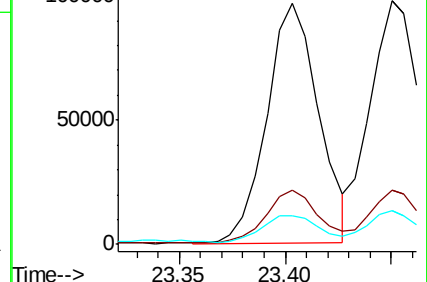
125 12.0 9.0 13.6



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: 2.753 ng/u1

RT: 23.45 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

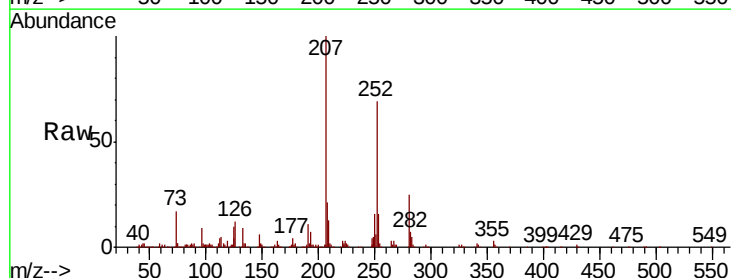
Tgt Ion:252 Resp: 162073

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

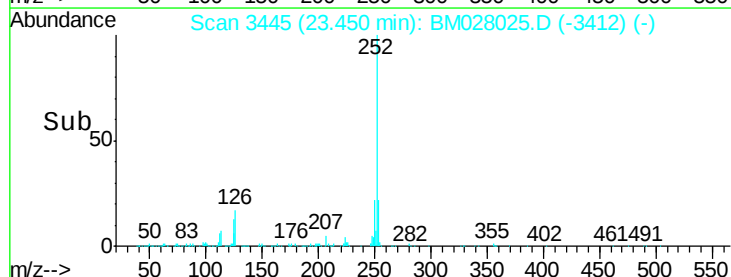
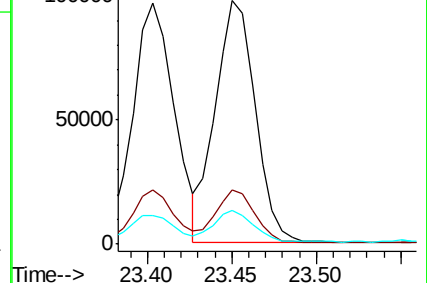
125 13.8 9.4 14.2

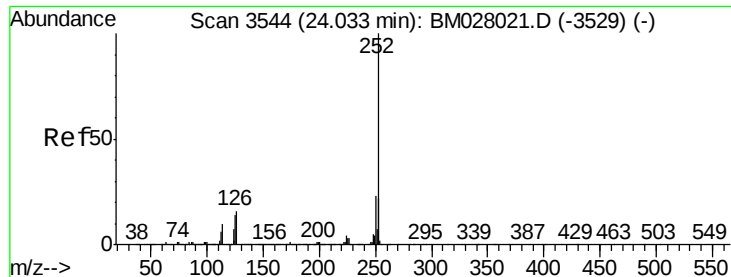


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 2.746 ng/ul

RT: 24.03 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-02

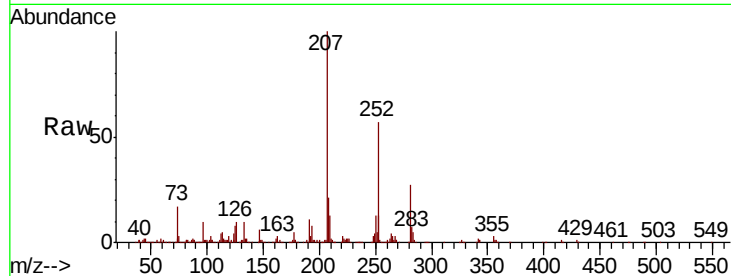
Tot Ion:252 Resp: 152395

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

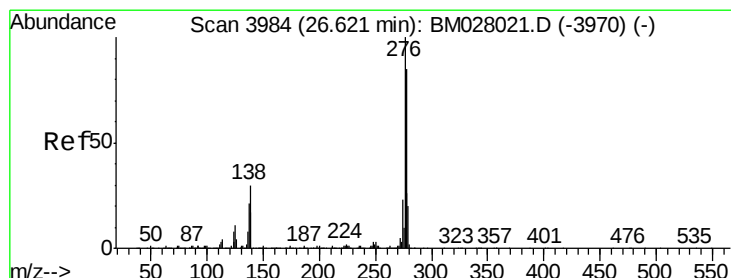
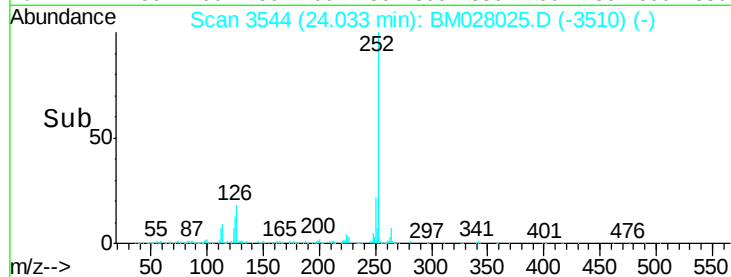
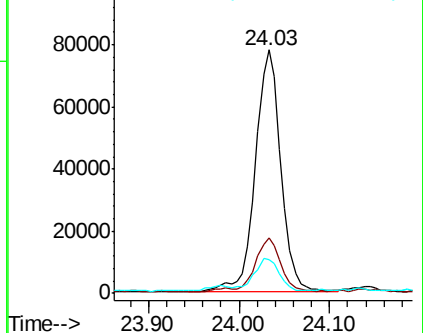
125 14.1 10.5 15.7



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: 2.579 ng/ul

RT: 26.61 min Scan# 3982

Delta R.T. -0.01 min

Lab File: BM028025.D

Acq: 04 Dec 2020 11:51

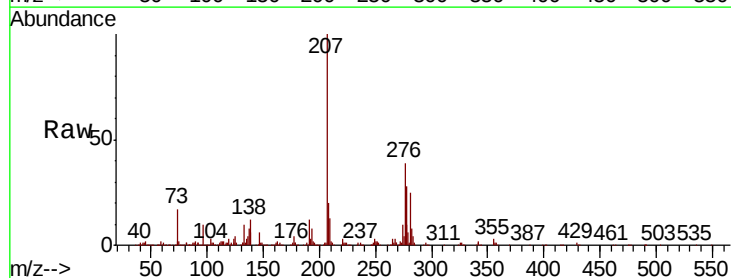
Tgt Ion:276 Resp: 175722

Ion Ratio Lower Upper

276 100

138 31.3 25.2 37.8

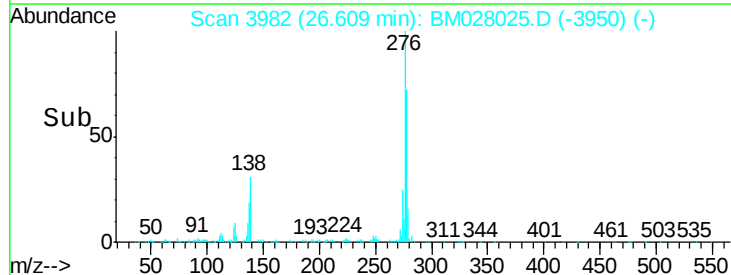
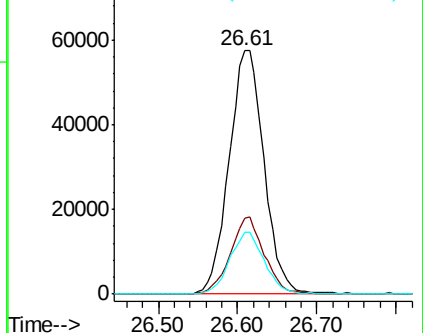
277 25.2 20.6 31.0

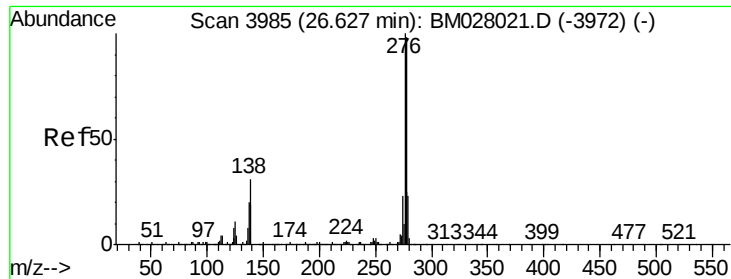


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

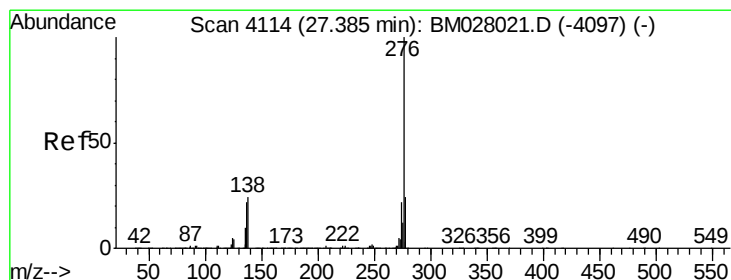
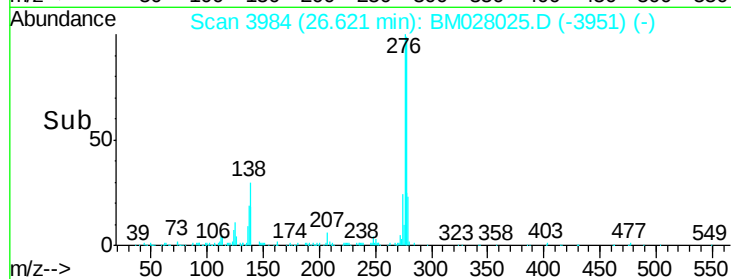
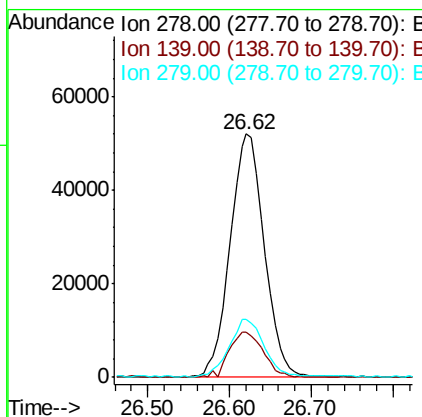
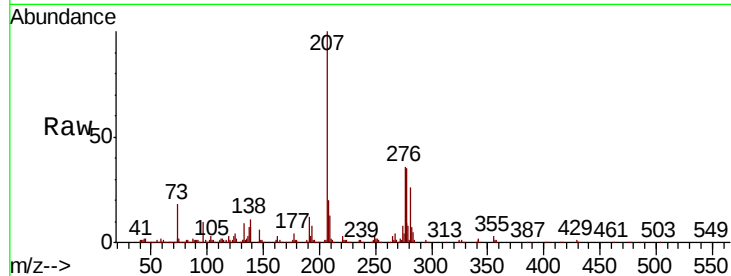




#95
Dibenzo(a,h)anthracene
Concen: 2.639 ng/ul
RT: 26.62 min Scan# 3984
Delta R.T. -0.01 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.5	23.3
279	23.6	19.2	28.8



#96
Benzo(g,h,i)perylene
Concen: 2.533 ng/ul
RT: 27.37 min Scan# 4112
Delta R.T. -0.01 min
Lab File: BM028025.D
Acq: 04 Dec 2020 11:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.8	29.8
277	24.1	18.9	28.3

