

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026771.D
 Acq On : 15 Jul 2020 11:34
 Operator : JU/CG
 Sample : L1955-05
 Misc : MDL-SOIL-05
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-05

Quant Time: Jul 15 12:20:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 10:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	68956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	276875	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	173037	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	354489	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	310854	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	339681	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	3427	1.49	ng/uL	0.00
5) Phenol-d5	6.52	99	175482	27.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	126804	29.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	137938	28.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	137246	27.17	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	65173	29.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	71240	30.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	132585	29.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	179009	37.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	426371	30.89	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	508608	30.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	48109	24.15	ng/ul	0.00
58) Fluorene-d10	14.98	176	357984	29.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	59266	26.76	ng/ul	0.00
71) Anthracene-d10	16.83	188	539642	30.91	ng/ul	0.00
79) Pyrene-d10	19.14	212	573793	35.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.88	264	518355	28.28	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	2.94	88	4311	1.735	ng/uL 97
4) Benzaldehyde	6.48	77	9151	2.729	ng/ul 87
6) Phenol	6.55	94	25160	3.624	ng/ul 96
8) Bis(2-Chloroethyl)ether	6.76	93	19674	3.721	ng/ul 97
10) 2-Chlorophenol	6.88	128	19332	3.614	ng/ul 91
11) 2-Methylphenol	7.78	108	16110	3.248	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	7.85	45	40609	3.960	ng/ul 98
14) Acetophenone	8.13	105	30205	3.530	ng/ul# 84
15) N-Nitroso-di-n-propylamine	8.12	70	17627	3.487	ng/ul 88
16) 4-Methylphenol	8.10	108	18951	3.437	ng/ul 90
17) Hexachloroethane	8.35	117	8694	3.668	ng/ul 97
20) Nitrobenzene	8.50	77	24798	3.591	ng/ul 98
21) Isophorone	9.02	82	43314	3.732	ng/ul 97
23) 2-Nitrophenol	9.20	139	10542	3.902	ng/ul 96
24) 2,4-Dimethylphenol	9.28	107	21995	3.536	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.51	93	24902	3.608	ng/ul 98
27) 2,4-Dichlorophenol	9.73	162	17299	3.662	ng/ul 93
28) Naphthalene	10.11	128	59412	3.625	ng/ul 98
30) 4-Chloroaniline	10.24	127	23331	4.561	ng/ul 95
31) Hexachlorobutadiene	10.40	225	13147	3.840	ng/ul 97
32) Caprolactam	11.07	113	2993	2.294	ng/ul 90
33) 4-Chloro-3-methylphenol	11.40	107	18911	3.518	ng/ul 94
34) 2-Methylnaphthalene	11.74	142	41672	3.630	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	41542	3.882	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	23553	3.745	ng/ul	93
38) Hexachlorocyclopentadiene	12.10	237	3504	1.092	ng/ul#	87
39) 2,4,6-Trichlorophenol	12.39	196	12673	3.413	ng/ul	92
40) 2,4,5-Trichlorophenol	12.47	196	11407	2.809	ng/ul	92
41) 1,1'-Biphenyl	12.79	154	56632	3.781	ng/ul	98
42) 2-Chloronaphthalene	12.82	162	42364	3.593	ng/ul	98
43) 2-Nitroaniline	13.06	65	12273	3.096	ng/ul	96
45) Dimethylphthalate	13.45	163	57328	3.968	ng/ul	98
46) 2,6-Dinitrotoluene	13.57	165	9169	3.284	ng/ul#	88
48) Acenaphthylene	13.68	152	66212	3.707	ng/ul	98
49) 3-Nitroaniline	13.91	138	6651	2.866	ng/ul#	91
50) Acenaphthene	14.03	153	47620	3.772	ng/ul	98
51) 2,4-Dinitrophenol	14.14	184	2081	1.435	ng/ul#	86
53) 4-Nitrophenol	14.24	109	7066	3.446	ng/ul	90
54) Dibenzofuran	14.38	168	66416	3.708	ng/ul	96
55) 2,4-Dinitrotoluene	14.38	165	14392	3.466	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	14.62	232	12983	3.714	ng/ul#	95
57) Diethylphthalate	14.83	149	55607	3.830	ng/ul	99
59) Fluorene	15.03	166	54428	3.719	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.04	204	28889	3.798	ng/ul	92
61) 4-Nitroaniline	15.08	138	4410	1.680	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.14	198	8575	3.655	ng/ul#	56
65) N-Nitrosodiphenylamine	15.25	169	46222	3.900	ng/ul	97
66) 4-Bromophenyl-phenylether	15.94	248	17252	4.037	ng/ul	96
67) Hexachlorobenzene	16.04	284	19174	3.937	ng/ul	93
68) Atrazine	16.23	200	15389	3.985	ng/ul	98
69) Pentachlorophenol	16.41	266	6659	2.773	ng/ul	92
70) Phenanthrene	16.77	178	86536	3.920	ng/ul	98
72) Anthracene	16.86	178	86956	3.904	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	23655	3.870	ng/uL	96
74) Pentachlorobenzene	14.29	250	22859	3.905	ng/uL	94
75) Carbazole	17.15	167	63314	3.550	ng/ul	98
76) Di-n-butylphthalate	17.73	149	83516	3.871	ng/ul	99
77) Fluoranthene	18.80	202	90256	3.953	ng/ul	98
80) Pvrene	19.17	202	99967	4.538	ng/ul	97
81) Butylbenzylphthalate	20.11	149	30544	3.908	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.89	252	16563	2.643	ng/ul#	90
83) Benzo(a)anthracene	20.94	228	88885	4.154	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	44565	3.829	ng/ul	97
85) Chrysene	20.99	228	83264	3.922	ng/ul	99
87) Di-n-octyl phthalate	21.74	149	72530	3.465	ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	83470	3.618	ng/ul	97
89) Benzo(k)fluoranthene	22.45	252	81059	3.545	ng/ul	97
91) Benzo(a)pyrene	22.92	252	85387	4.172	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.01	276	91608	3.429	ng/ul	97
93) Dibenzo(a,h)anthracene	25.02	278	78426	3.485	ng/ul	97
94) Benzo(a,h,i)perylene	25.62	276	78347	3.516	ng/ul	95

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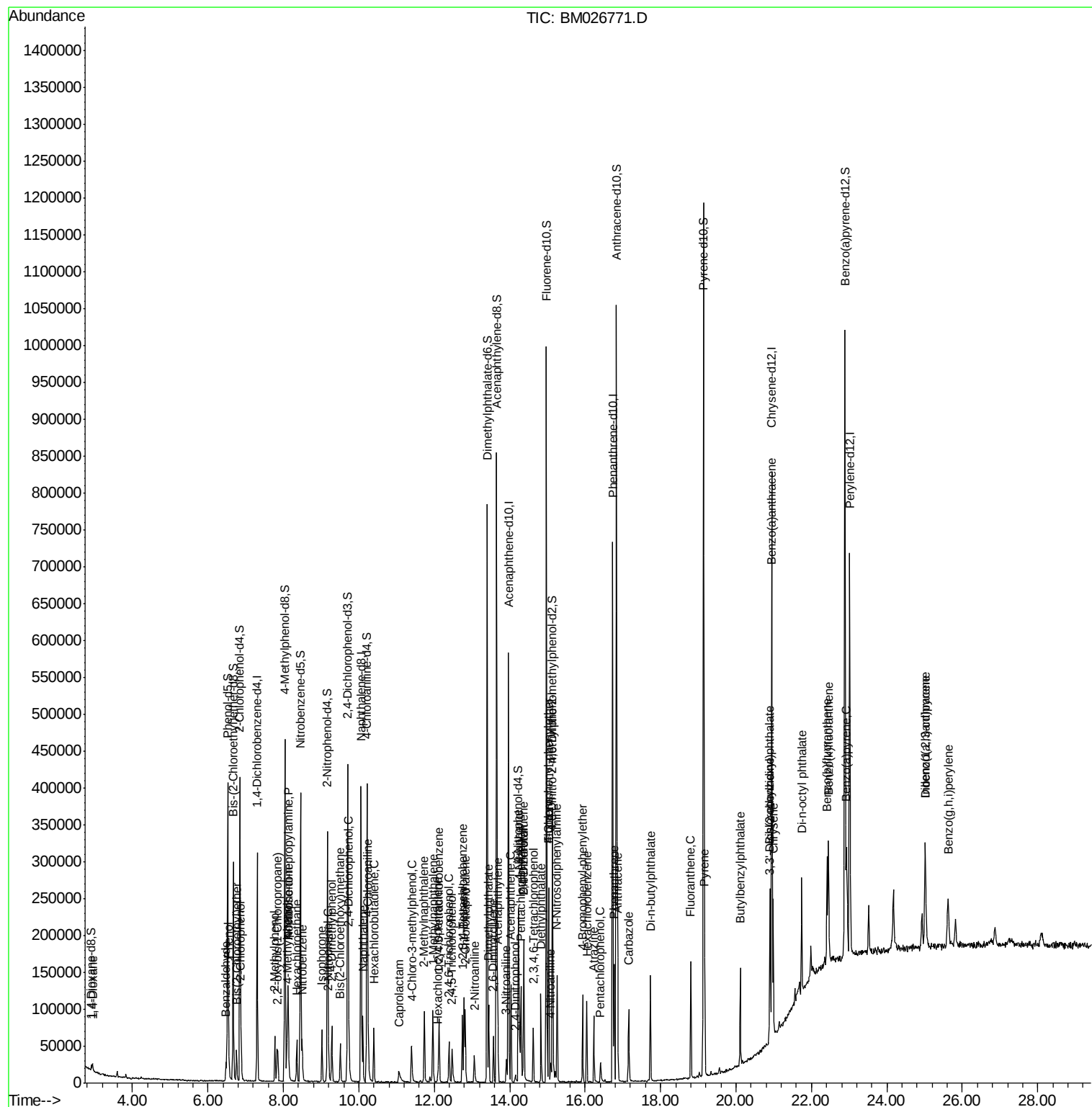
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

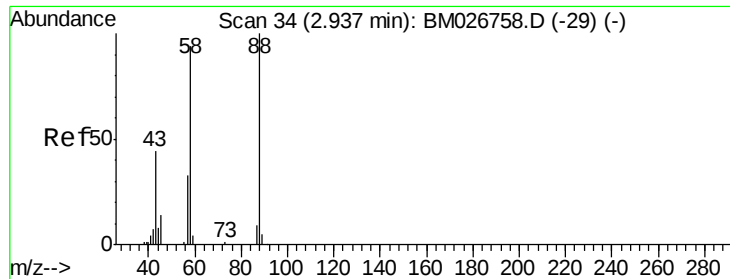
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#2

1,4-Dioxane

Concen: 1.735 ng/uL

RT: 2.94 min Scan# 35

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

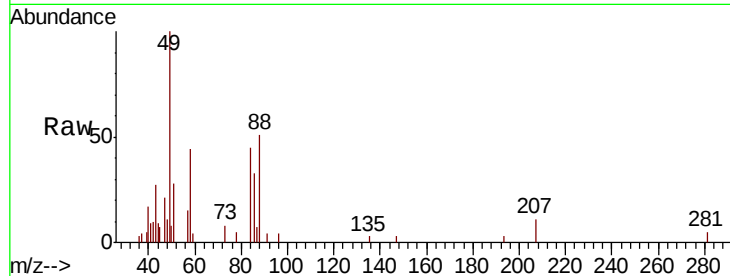
Tot Ion: 88 Resp: 4311

Ion Ratio Lower Upper

88 100

43 53.5 38.2 57.2

58 86.0 68.9 103.3

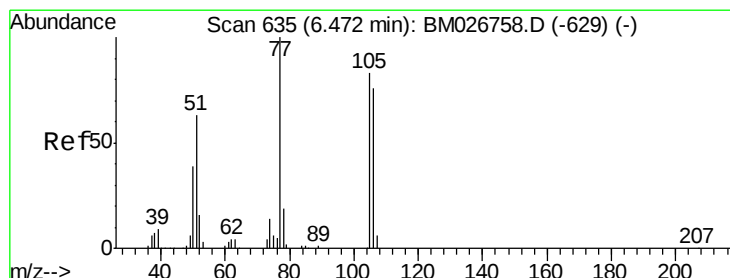
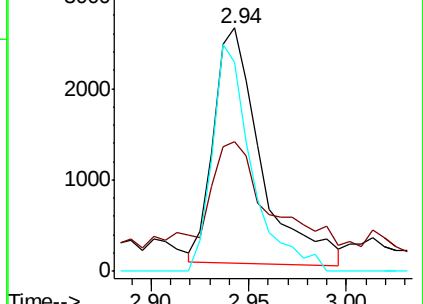
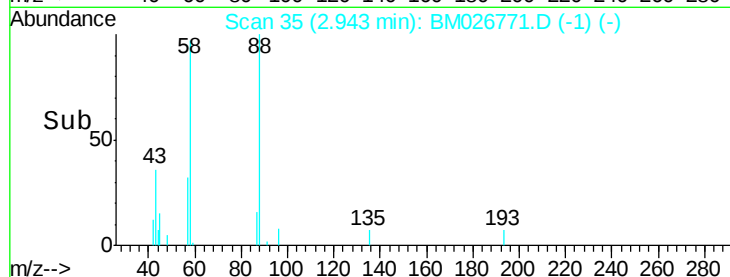


Abundance Ion 88.00 (87.70 to 88.70): BM026771.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM026771.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM026771.D (-1) (-)

Time-->



#4

Benzaldehyde

Concen: 2.729 ng/uL

RT: 6.48 min Scan# 636

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

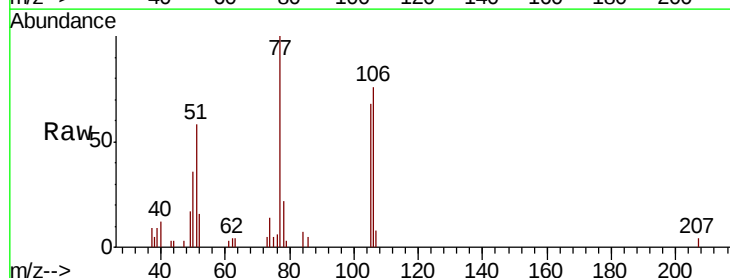
Tgt Ion: 77 Resp: 9151

Ion Ratio Lower Upper

77 100

105 67.7 67.5 101.3

106 76.0 66.2 99.4

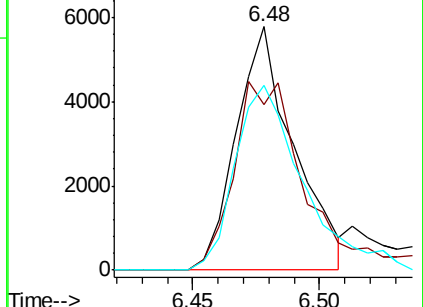
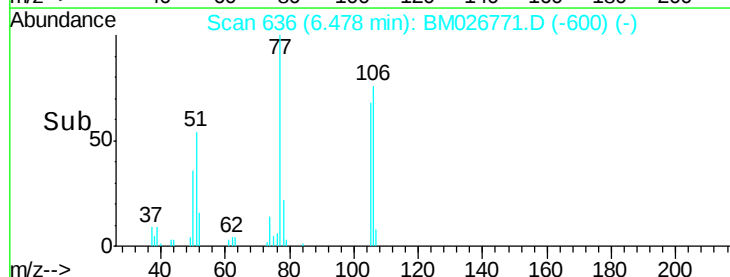


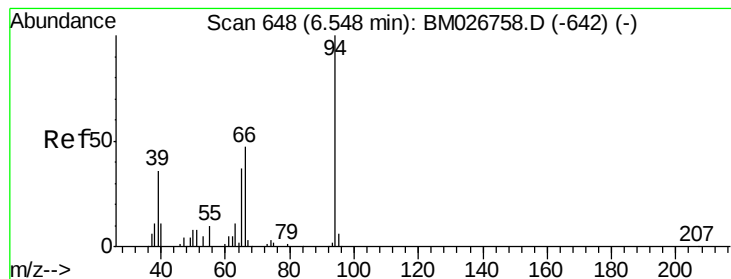
Abundance Ion 77.00 (76.70 to 77.70): BM026771.D (-600) (-)

Ion 105.00 (104.70 to 105.70): BM026771.D (-600) (-)

Ion 106.00 (105.70 to 106.70): BM026771.D (-600) (-)

Time-->





#6

Phenol

Concen: 3.624 ng/ul

RT: 6.55 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

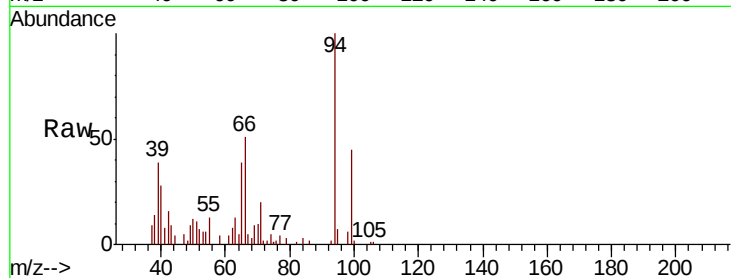
BNA_M

ClientSampleId :

MDL-SOIL-05

Tot Ion: 94 Resp: 25160

Ion	Ratio	Lower	Upper
94	100		
65	38.9	27.8	41.8
66	50.8	39.9	59.9

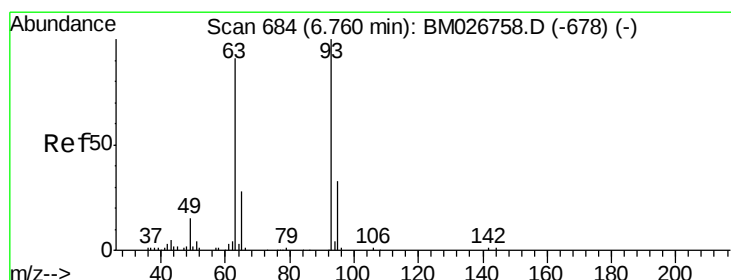
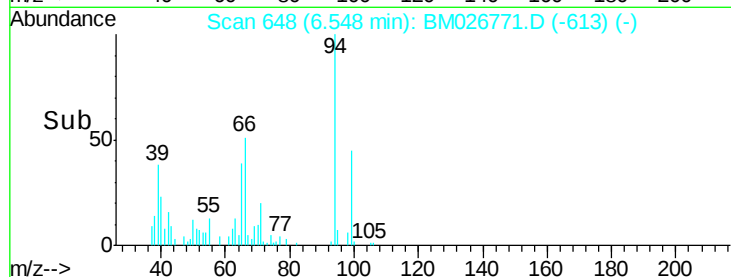
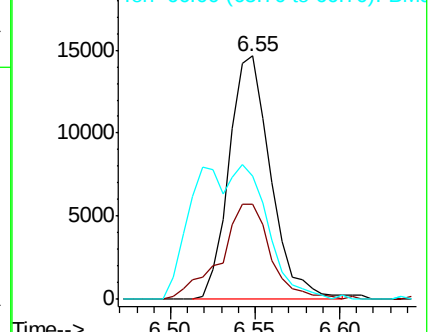


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#8

Bis(2-Chloroethyl)ether

Concen: 3.721 ng/ul

RT: 6.76 min Scan# 684

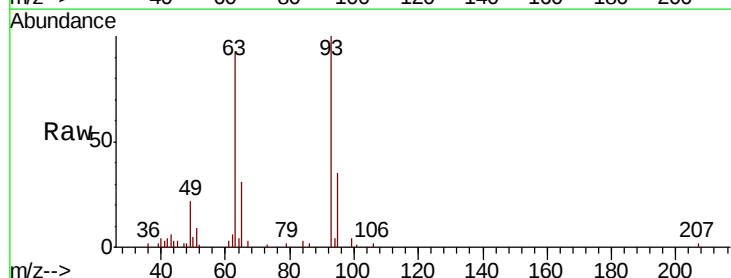
Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Tgt Ion: 93 Resp: 19674

Ion	Ratio	Lower	Upper
93	100		
63	91.9	75.5	113.3
95	34.6	25.2	37.8

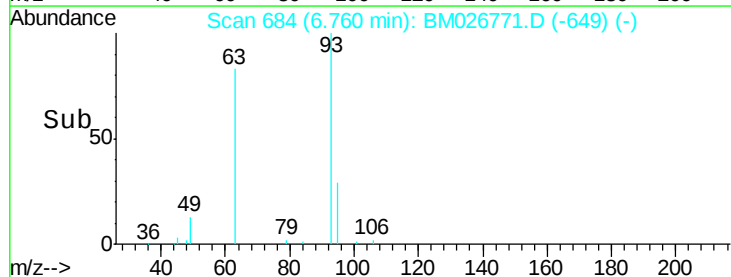
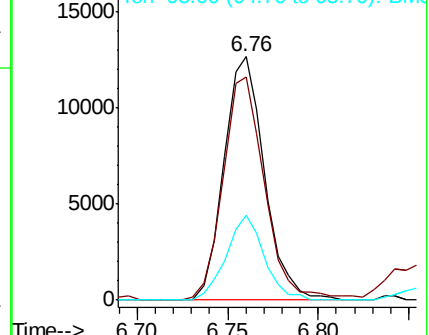


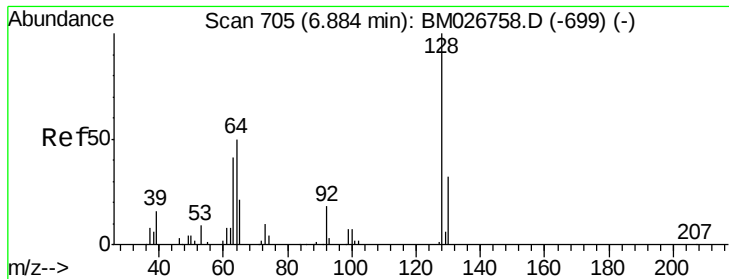
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

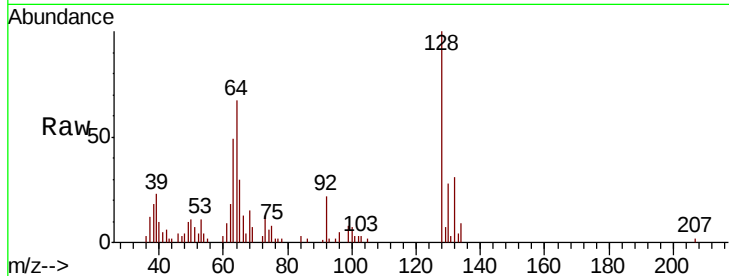




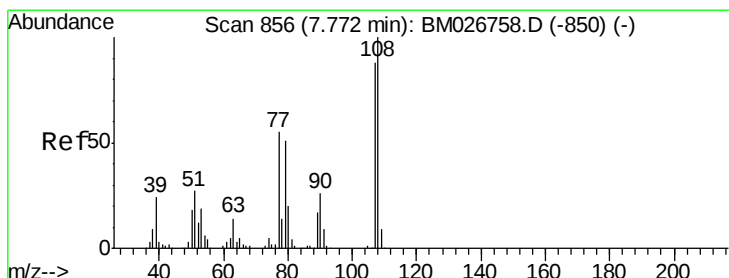
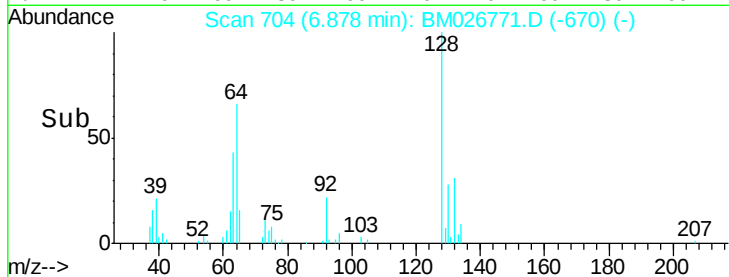
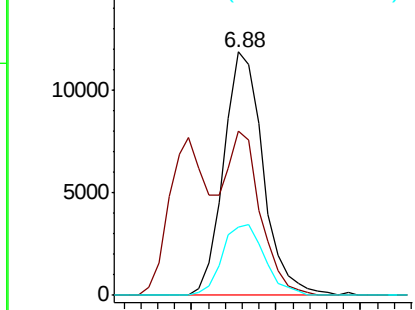
#10
2-Chlorophenol
Concen: 3.614 ng/ul
RT: 6.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

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Tot Ion:128 Resp: 19332
Ion Ratio Lower Upper
128 100
64 67.2 47.4 71.2
130 28.3 25.8 38.6

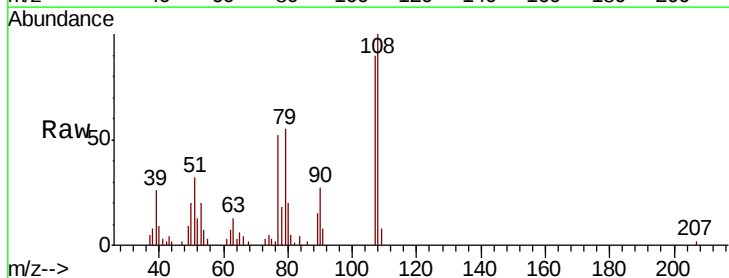


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

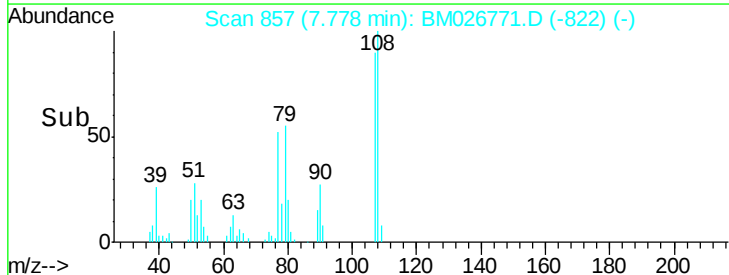
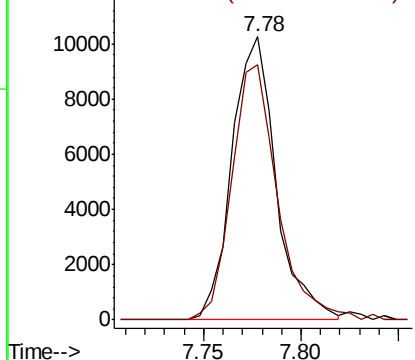


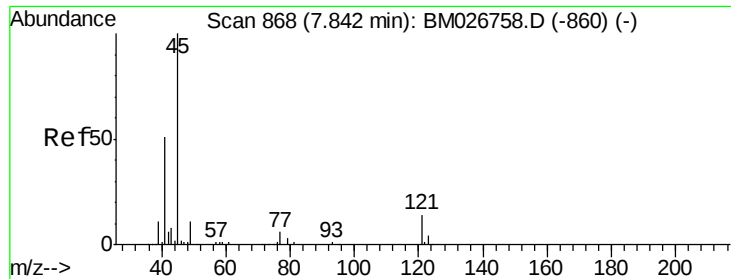
#11
2-Methylphenol
Concen: 3.248 ng/ul
RT: 7.78 min Scan# 857
Delta R.T. 0.01 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion:108 Resp: 16110
Ion Ratio Lower Upper
108 100
107 90.0 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

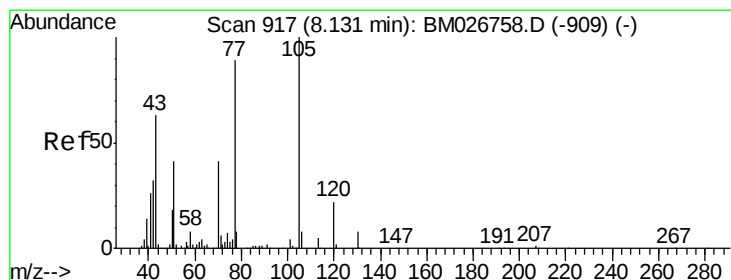
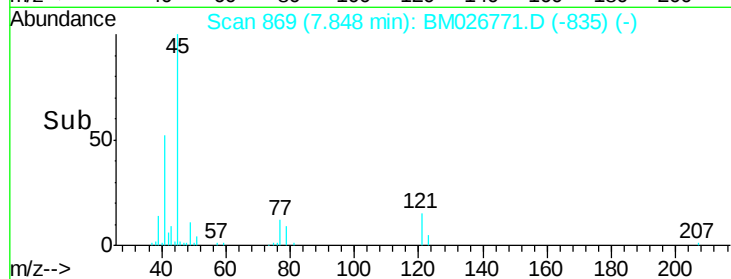
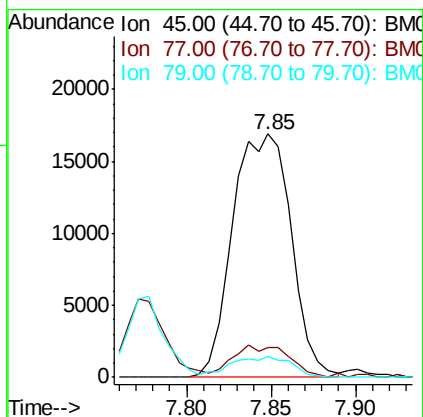
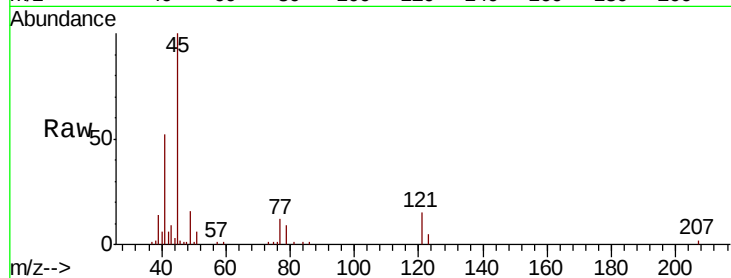




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.960 ng/ul
RT: 7.85 min Scan# 869
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

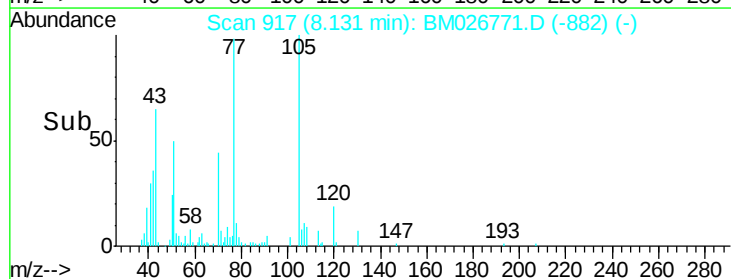
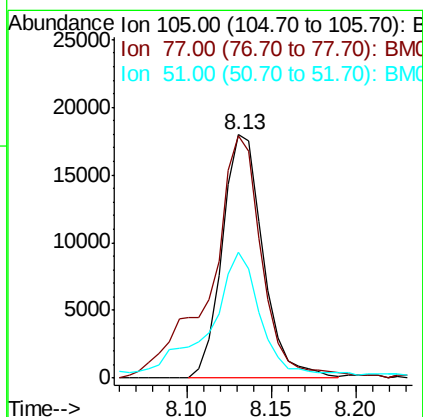
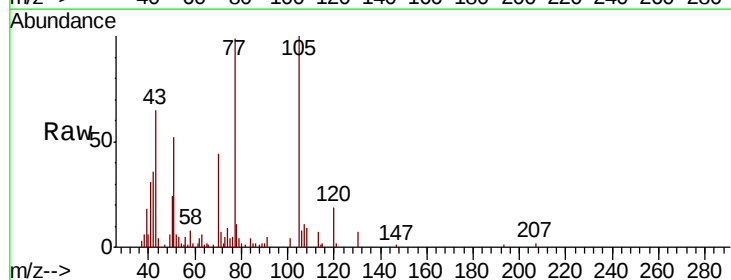
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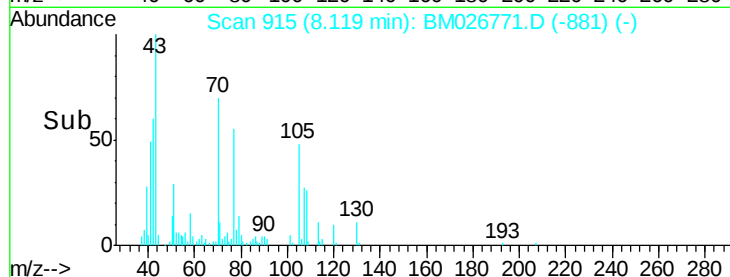
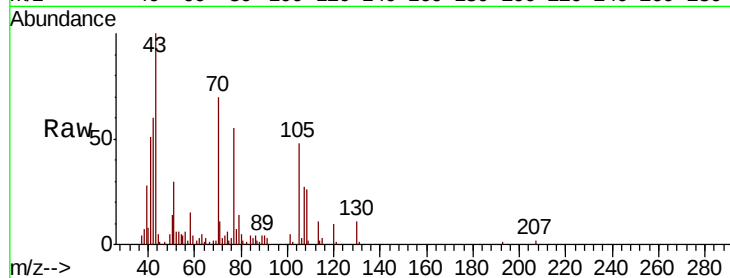
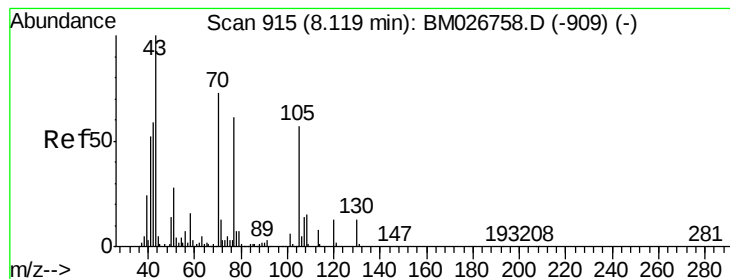
Tot Ion: 45 Resp: 40609
Ion Ratio Lower Upper
45 100
77 12.2 8.8 13.2
79 8.8 7.0 10.6



#14
Acetophenone
Concen: 3.530 ng/ul
RT: 8.13 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion: 105 Resp: 30205
Ion Ratio Lower Upper
105 100
77 99.3 69.8 104.6
51 51.8 30.5 45.7#





#15

N-Nitroso-di-n-propylamine

Concen: 3.487 ng/ul

RT: 8.12 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

Tot Ion: 70 Resp: 17627

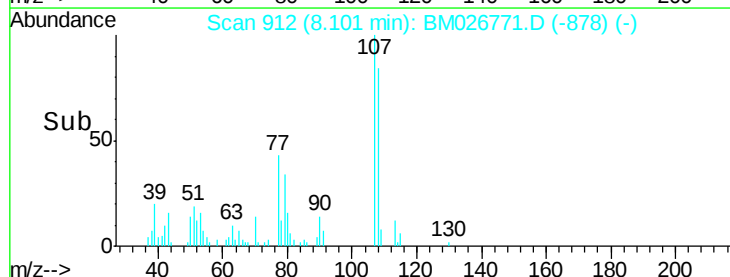
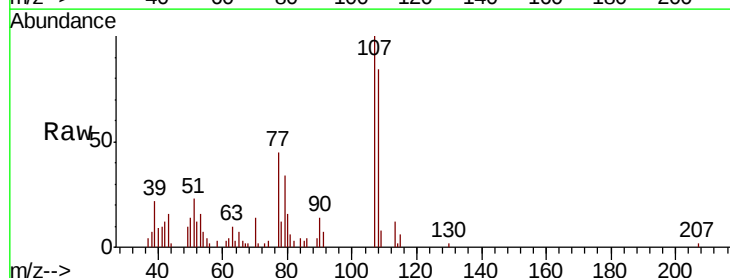
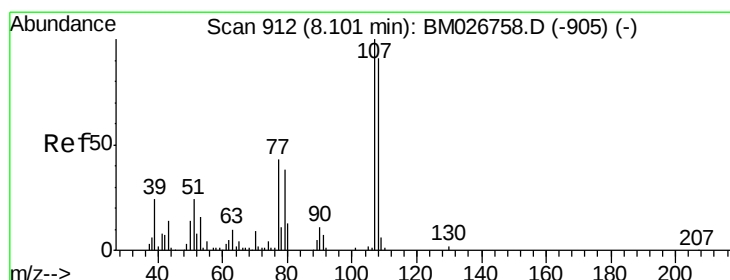
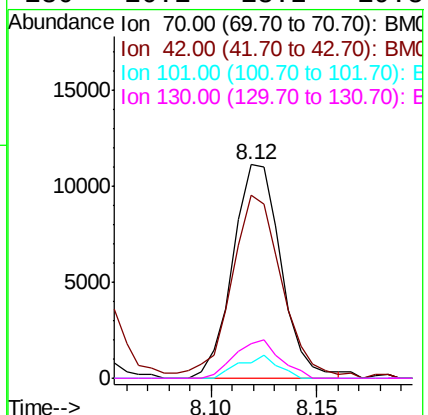
Ion Ratio Lower Upper

70 100

42 85.8 58.5 87.7

101 7.3 7.0 10.4

130 16.1 13.2 19.8



#16

4-Methylphenol

Concen: 3.437 ng/ul

RT: 8.10 min Scan# 912

Delta R.T. -0.00 min

Lab File: BM026771.D

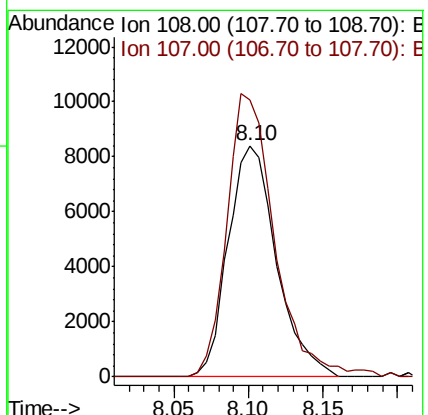
Acq: 15 Jul 2020 11:34

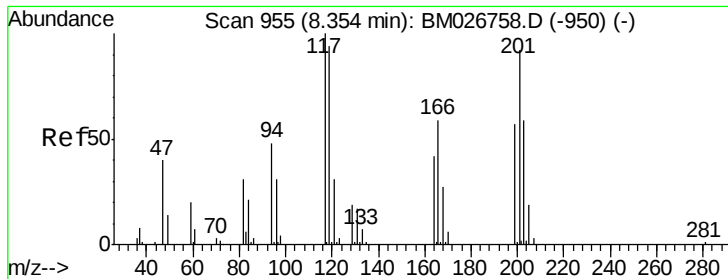
Tgt Ion: 108 Resp: 18951

Ion Ratio Lower Upper

108 100

107 119.8 87.4 131.2





#17

Hexachloroethane

Concen: 3.668 ng/ul

RT: 8.35 min Scan# 955

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

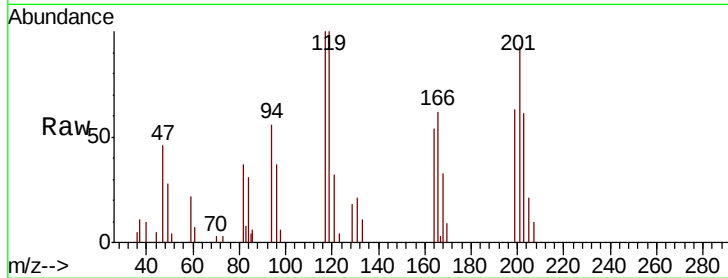
Tot Ion:117 Resp: 8694

Ion Ratio Lower Upper

117 100

201 92.9 77.0 115.6

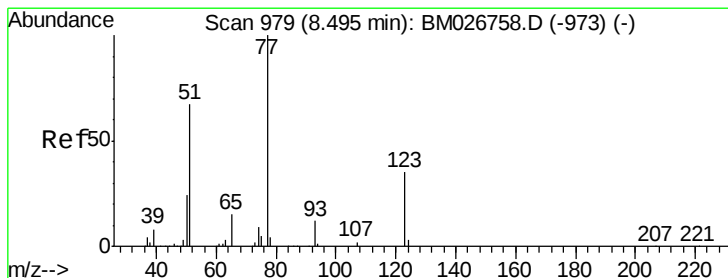
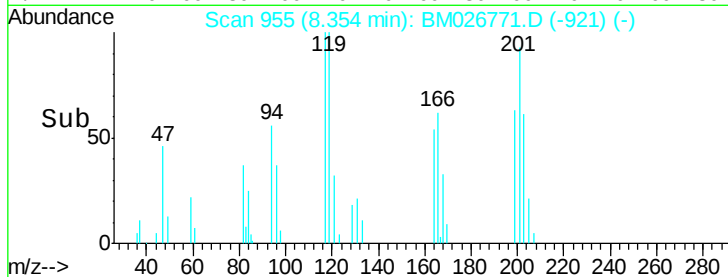
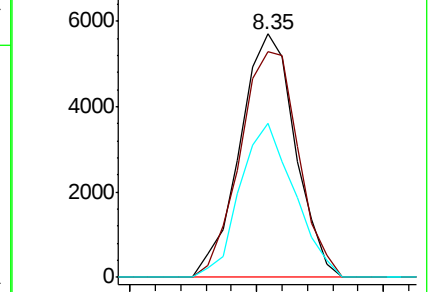
199 63.1 51.1 76.7



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



#20

Nitrobenzene

Concen: 3.591 ng/ul

RT: 8.50 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

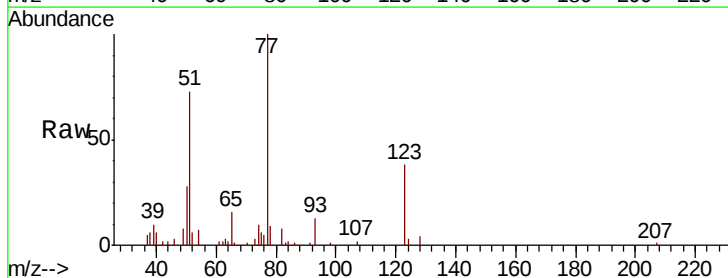
Tgt Ion: 77 Resp: 24798

Ion Ratio Lower Upper

77 100

123 37.9 29.8 44.8

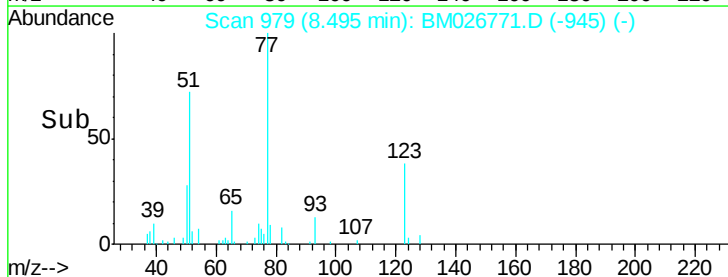
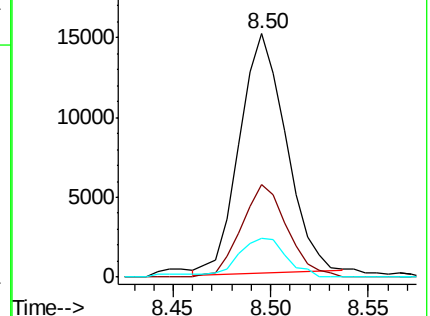
65 15.9 11.8 17.6

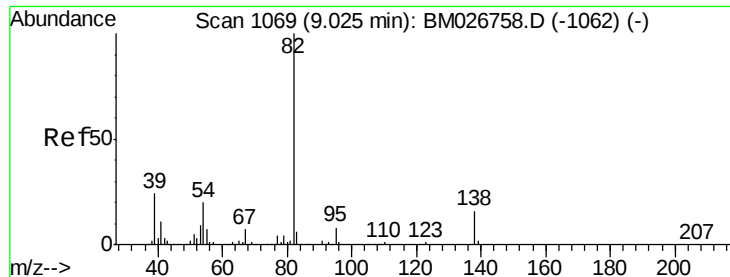


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 3.732 ng/ul

RT: 9.02 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

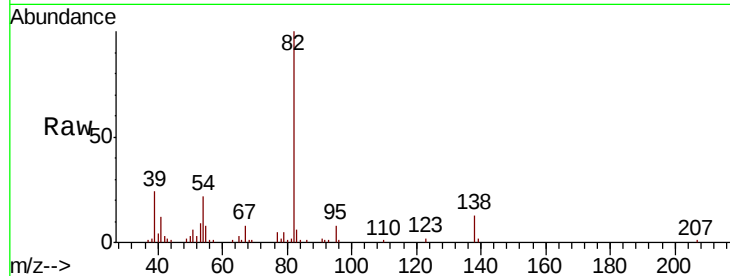
Tot Ion: 82 Resp: 43314

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

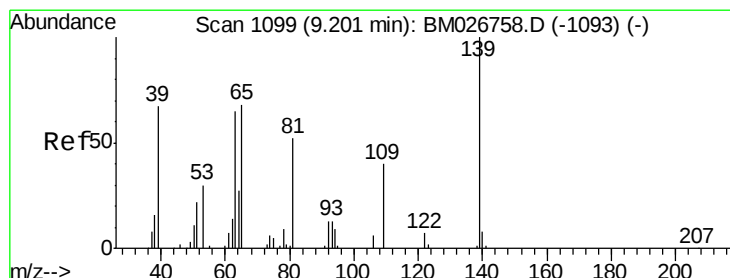
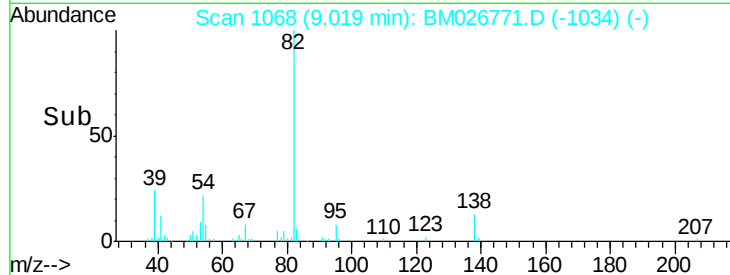
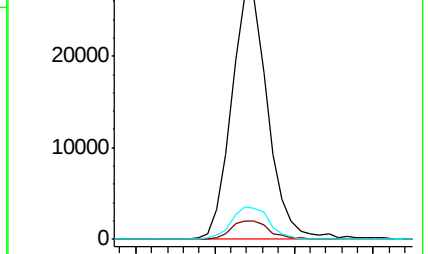
138 13.4 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BM026771.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM026771.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM026771.D (-1062) (-)



#23

2-Nitrophenol

Concen: 3.902 ng/ul

RT: 9.20 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

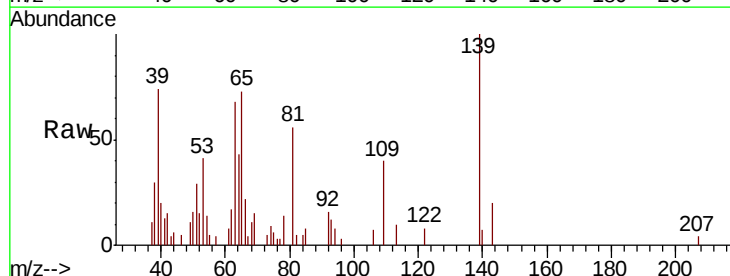
Tgt Ion: 139 Resp: 10542

Ion Ratio Lower Upper

139 100

65 73.4 55.0 82.6

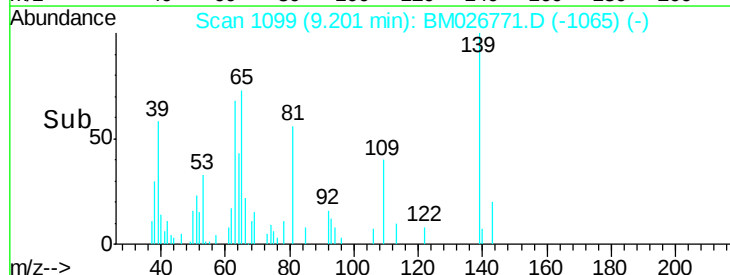
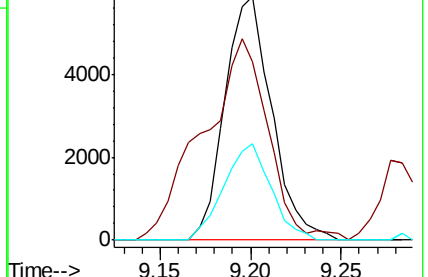
109 39.5 31.4 47.2

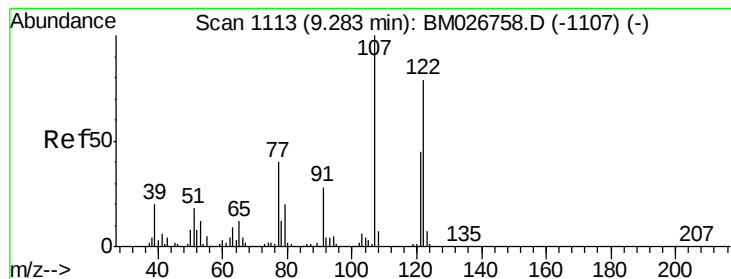


Abundance Ion 139.00 (138.70 to 139.70): BM026771.D (-1093) (-)

Ion 65.00 (64.70 to 65.70): BM026771.D (-1093) (-)

Ion 109.00 (108.70 to 109.70): BM026771.D (-1093) (-)





#24

2,4-Dimethylphenol

Concen: 3.536 ng/ul

RT: 9.28 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

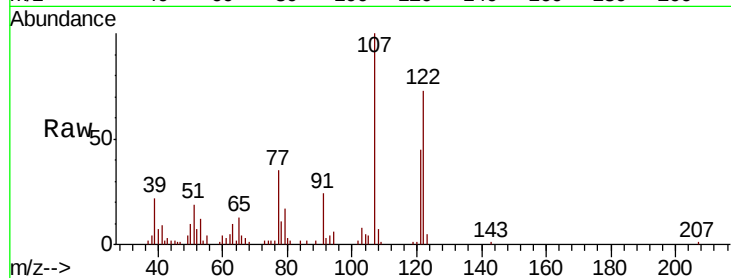
Tot Ion:107 Resp: 21995

Ion Ratio Lower Upper

107 100

121 45.4 38.1 57.1

122 73.3 62.7 94.1

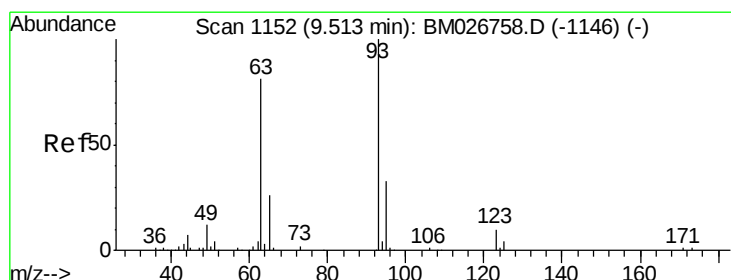
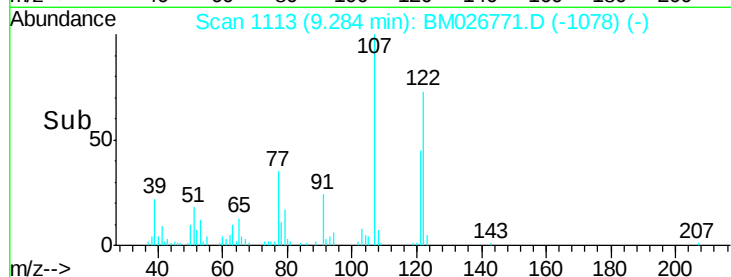
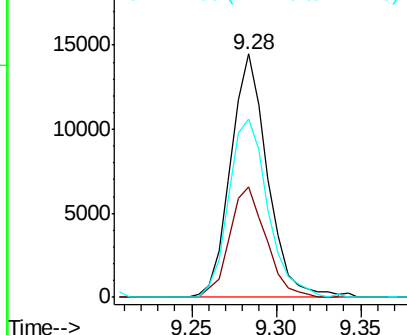


Abundance

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



#25

Bis(2-Chloroethoxy)methane

Concen: 3.608 ng/ul

RT: 9.51 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

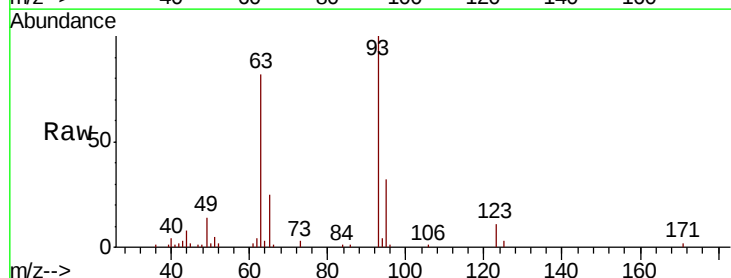
Tgt Ion: 93 Resp: 24902

Ion Ratio Lower Upper

93 100

95 31.7 24.4 36.6

123 10.9 8.0 12.0

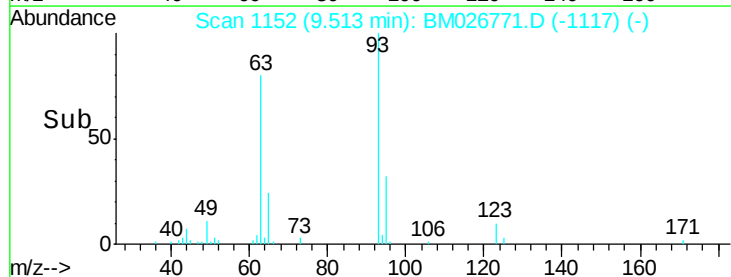
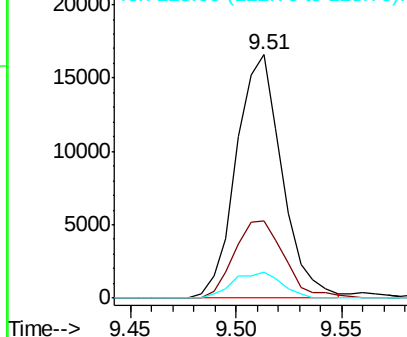


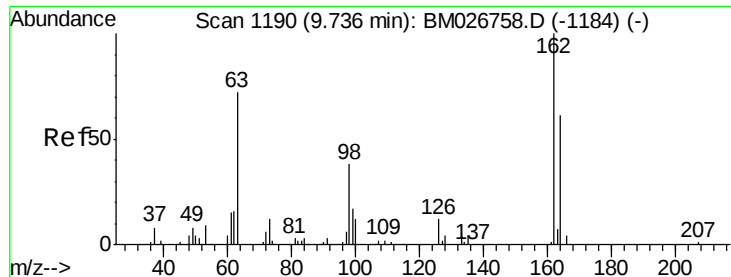
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 3.662 ng/ul

RT: 9.73 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

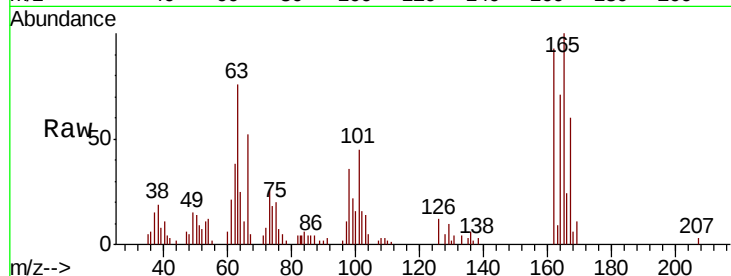
Tot Ion:162 Resp: 17299

Ion Ratio Lower Upper

162 100

164 76.1 55.0 82.6

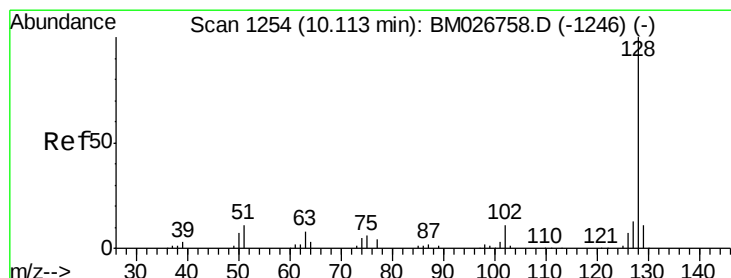
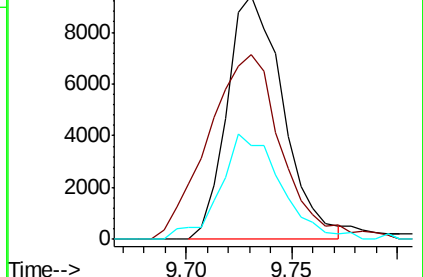
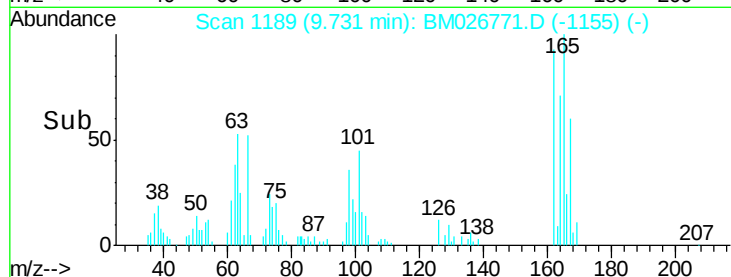
98 38.3 31.9 47.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 3.625 ng/ul

RT: 10.11 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

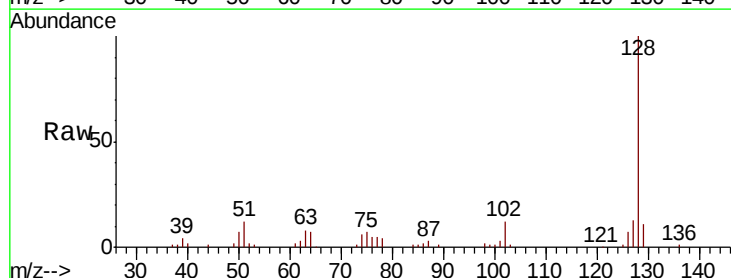
Tgt Ion:128 Resp: 59412

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

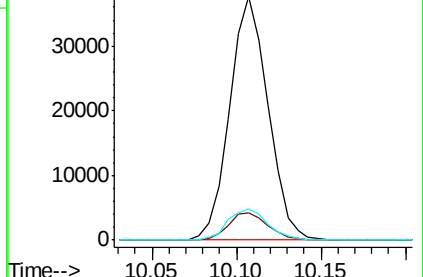
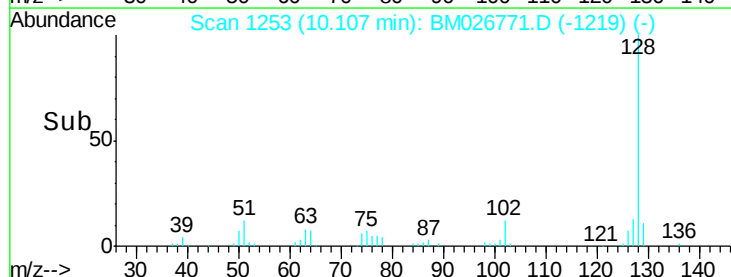
127 12.6 10.6 15.8

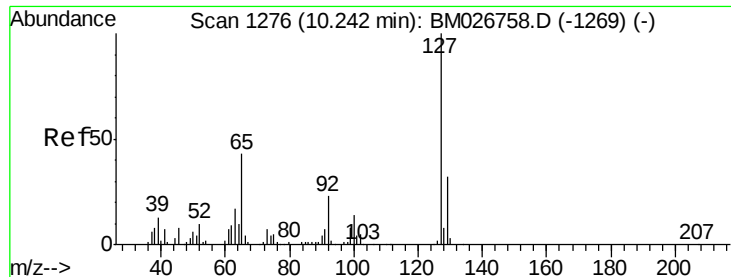


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

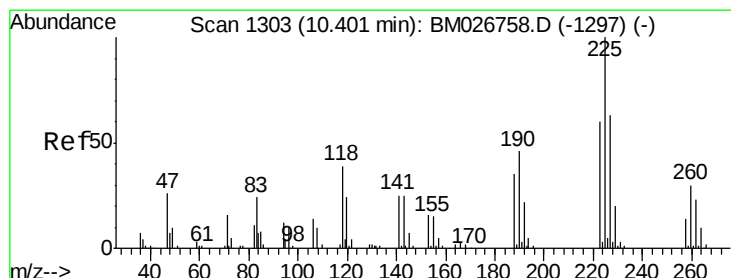
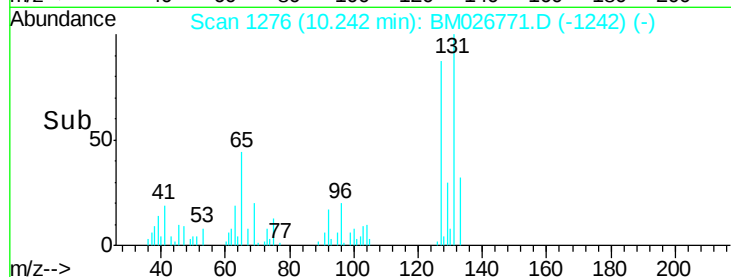
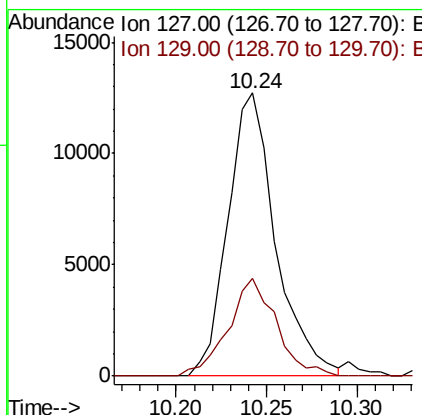
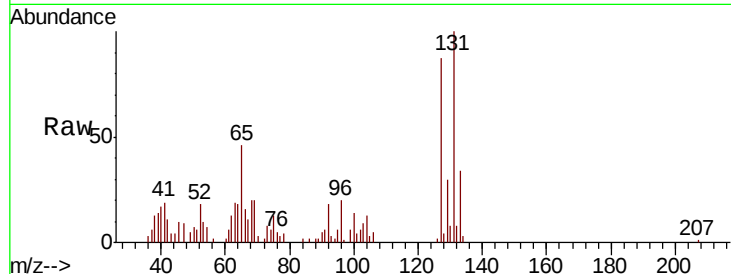




#30
4-Chloroaniline
Concen: 4.561 ng/ul
RT: 10.24 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

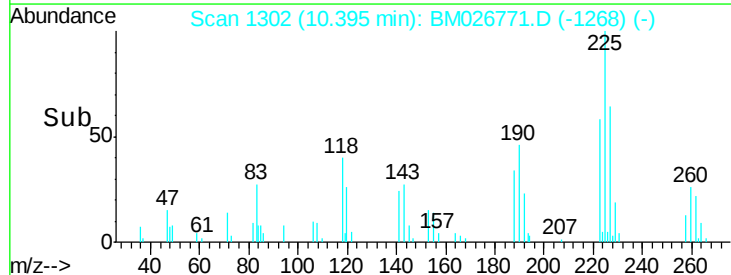
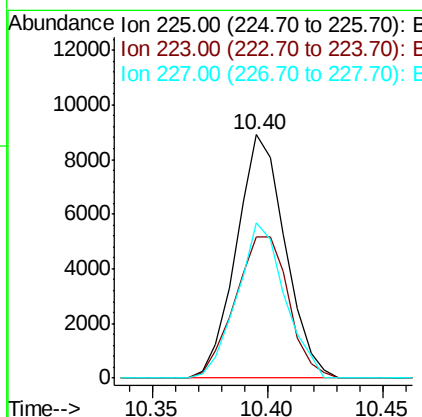
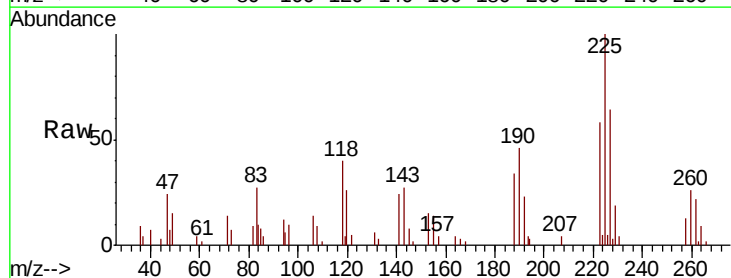
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

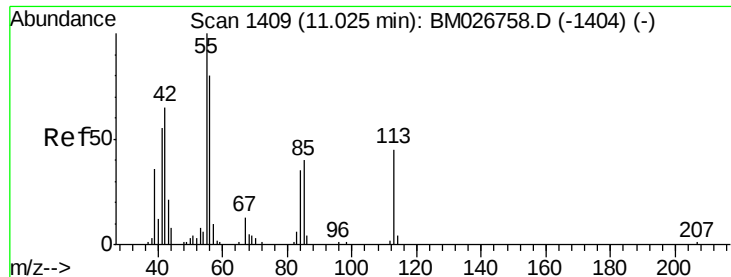
Tot Ion:127 Resp: 23331
Ion Ratio Lower Upper
127 100
129 34.6 25.3 37.9



#31
Hexachlorobutadiene
Concen: 3.840 ng/ul
RT: 10.40 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion:225 Resp: 13147
Ion Ratio Lower Upper
225 100
223 58.1 49.7 74.5
227 64.0 50.4 75.6





#32

Caprolactam

Concen: 2.294 ng/ul

RT: 11.07 min Scan# 1417

Delta R.T. 0.05 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

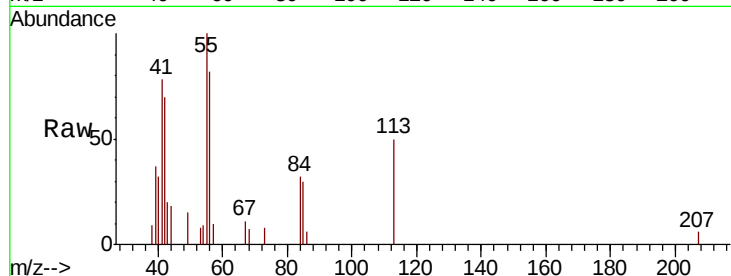
Tot Ion:113 Resp: 2993

Ion Ratio Lower Upper

113 100

55 199.4 179.9 269.9

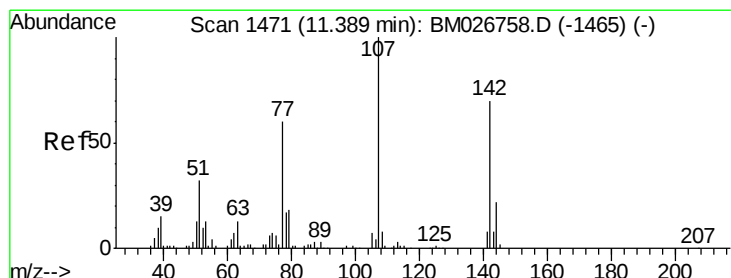
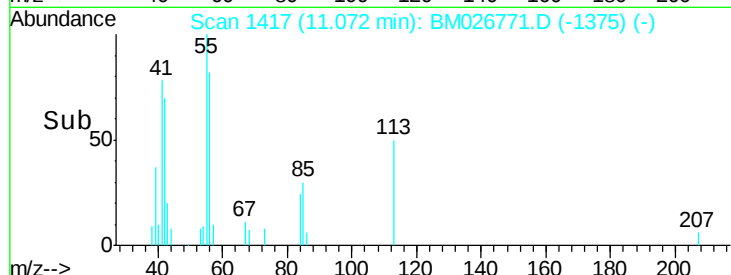
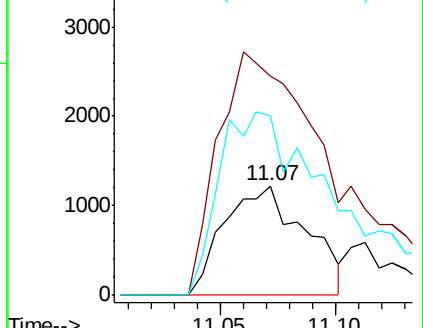
56 163.9 134.9 202.3



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



#33

4-Chloro-3-methylphenol

Concen: 3.518 ng/ul

RT: 11.40 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

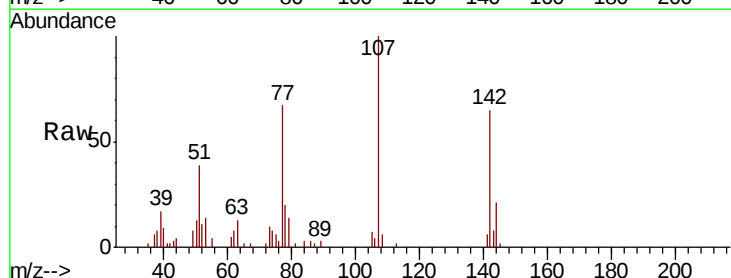
Tgt Ion:107 Resp: 18911

Ion Ratio Lower Upper

107 100

144 20.8 17.9 26.9

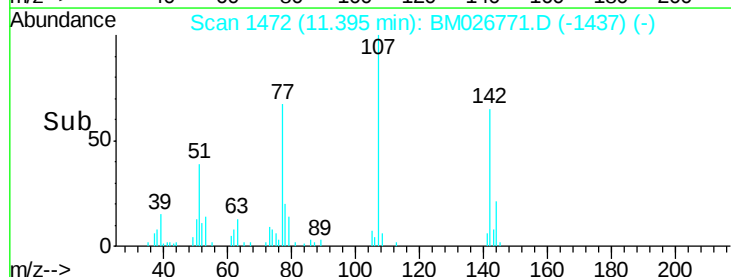
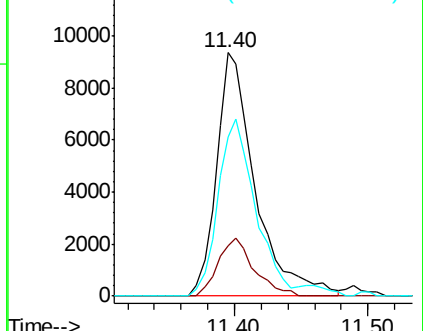
142 65.4 57.0 85.6

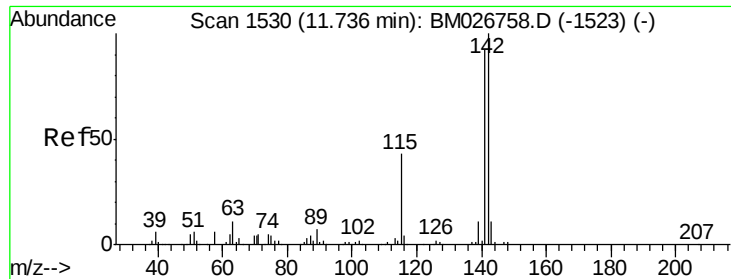


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

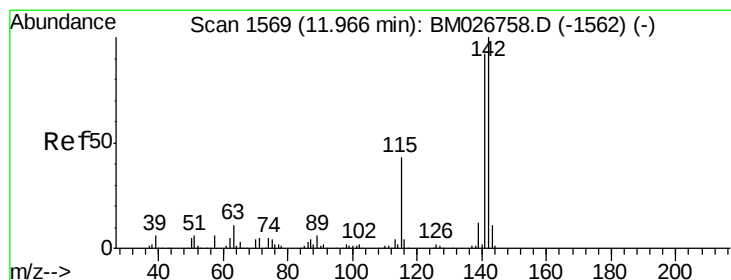
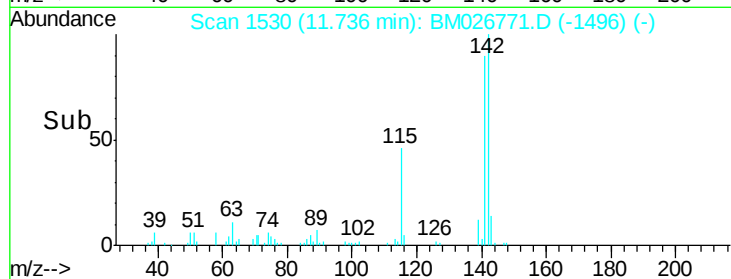
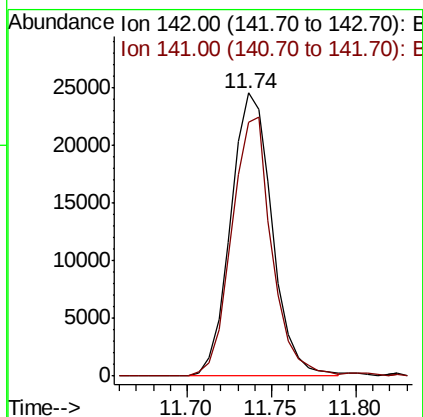
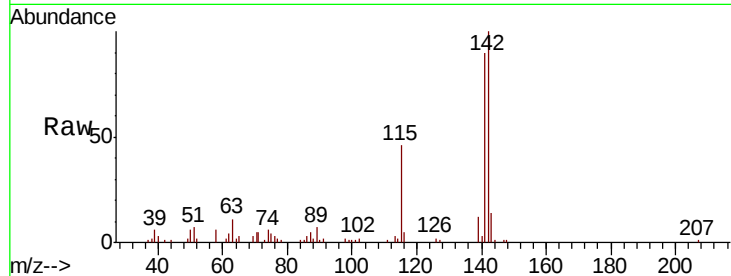




#34
2-Methylnaphthalene
Concen: 3.630 ng/ul
RT: 11.74 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

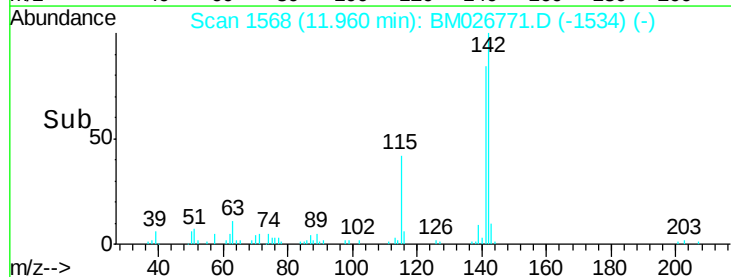
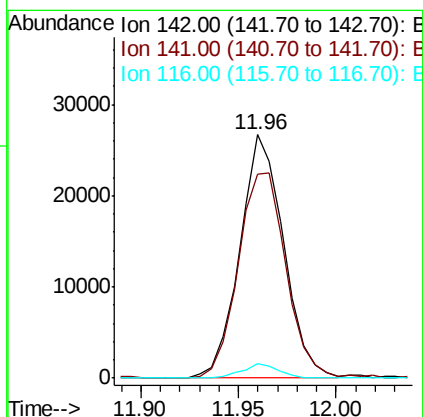
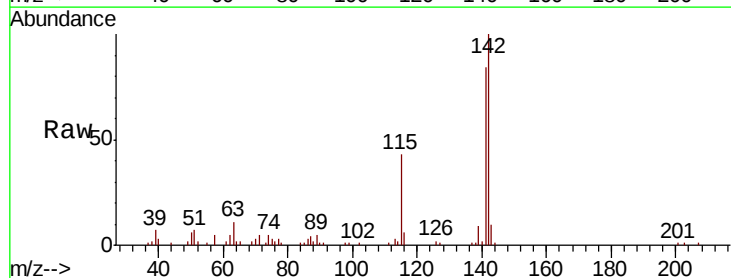
Instrument :
BNA_M
ClientSampleID :
MDL-SOIL-05

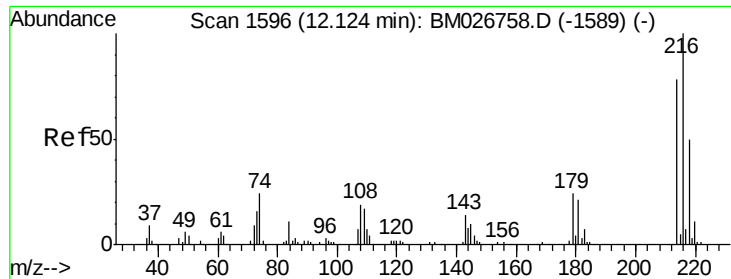
Tot Ion:142 Resp: 41672
Ion Ratio Lower Upper
142 100
141 89.9 69.9 104.9



#35
1-Methylnaphthalene
Concen: 3.882 ng/ul
RT: 11.96 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion:142 Resp: 41542
Ion Ratio Lower Upper
142 100
141 83.9 72.7 109.1
116 5.7 3.7 5.5#

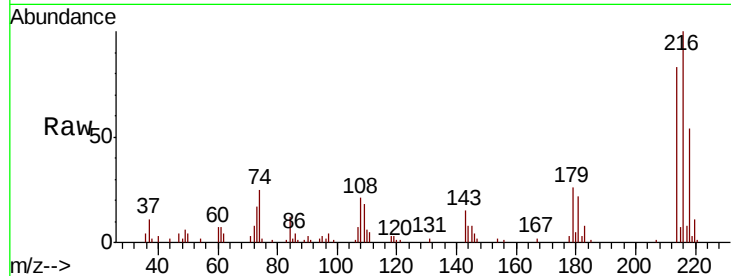




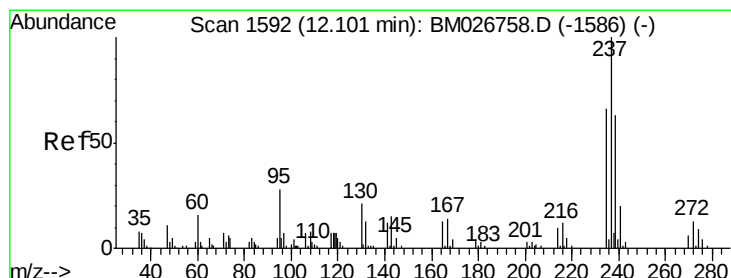
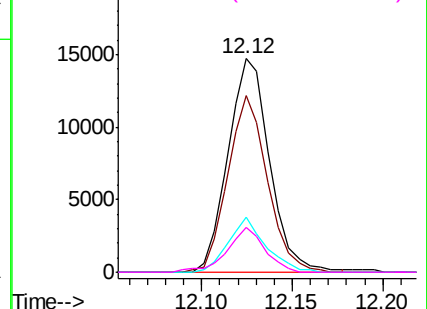
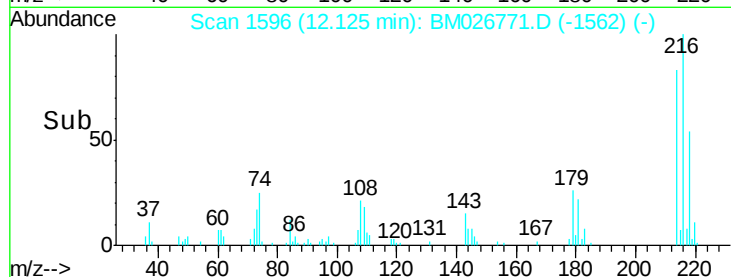
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.745 ng/ul
 RT: 12.12 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-05

Tot Ion:	216	Resp:	23553
Ion	Ratio	Lower	Upper
216	100		
214	82.9	61.5	92.3
179	25.6	17.4	26.2
108	21.2	15.0	22.6

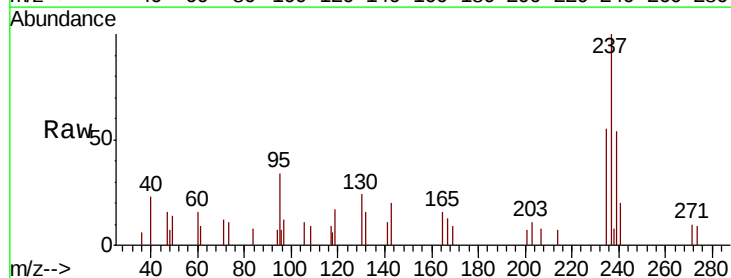


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

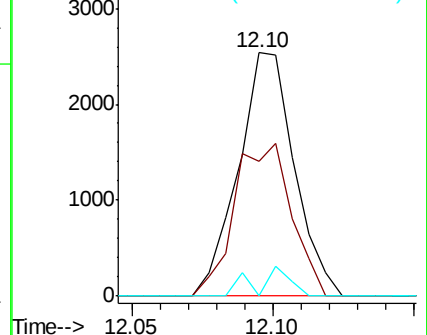
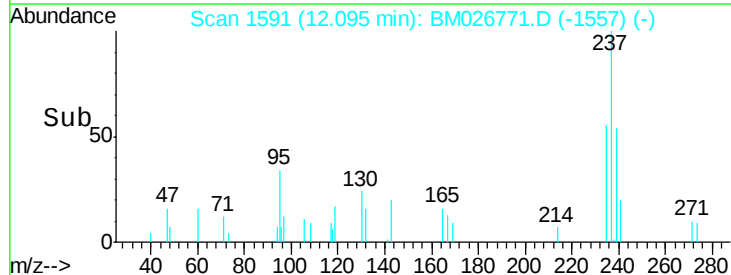


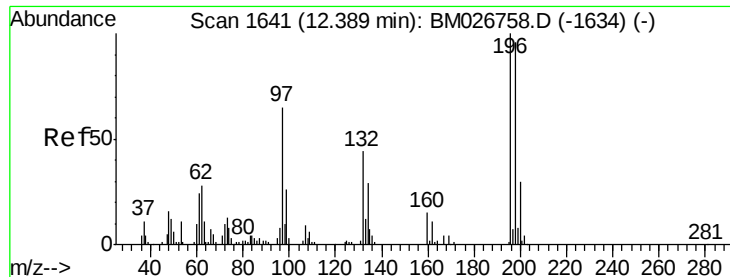
#38
 Hexachlorocyclopentadiene
 Concen: 1.092 ng/ul
 RT: 12.10 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Tgt Ion:	237	Resp:	3504
Ion	Ratio	Lower	Upper
237	100		
235	55.5	50.2	75.4
272	0.0	10.1	15.1#



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

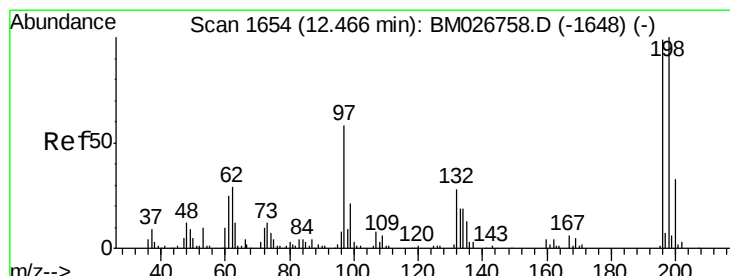
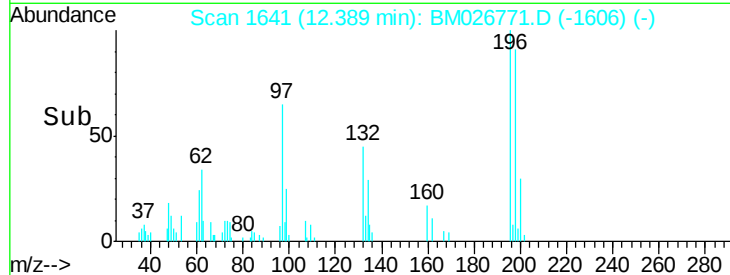
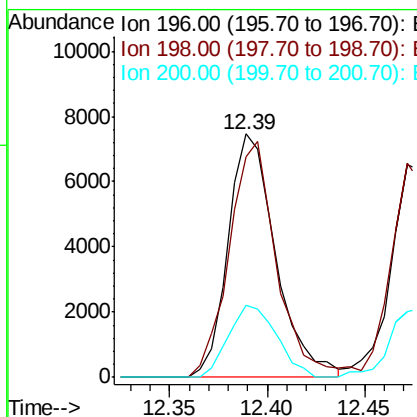
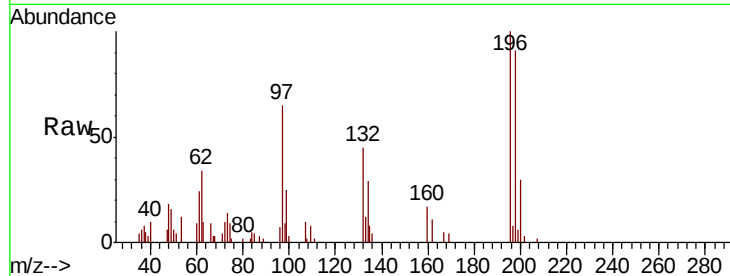




#39
 2,4,6-Trichlorophenol
 Concen: 3.413 ng/ul
 RT: 12.39 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

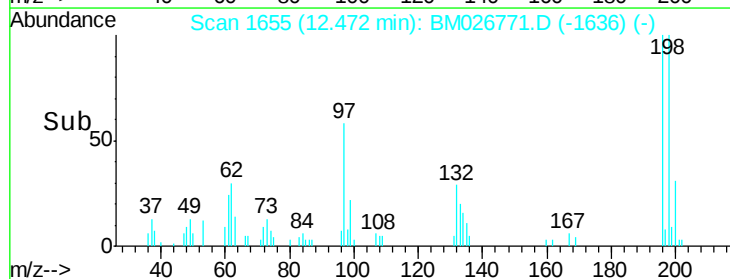
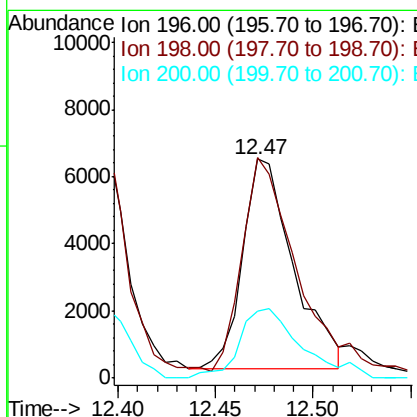
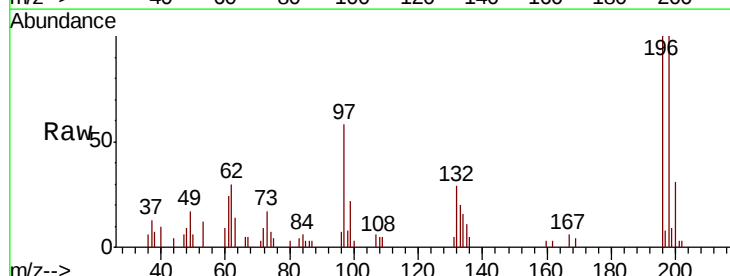
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-05

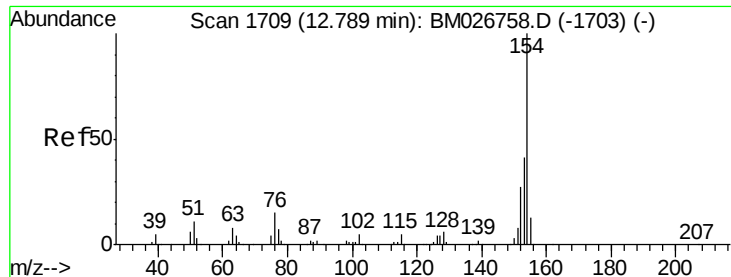
Tot Ion:196 Resp: 12673
 Ion Ratio Lower Upper
 196 100
 198 90.6 79.8 119.6
 200 29.5 25.2 37.8



#40
 2,4,5-Trichlorophenol
 Concen: 2.809 ng/ul
 RT: 12.47 min Scan# 1655
 Delta R.T. 0.01 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Tgt Ion:196 Resp: 11407
 Ion Ratio Lower Upper
 196 100
 198 100.4 72.4 108.6
 200 30.7 23.8 35.8

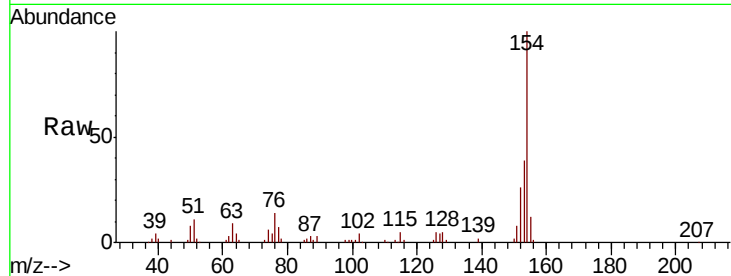




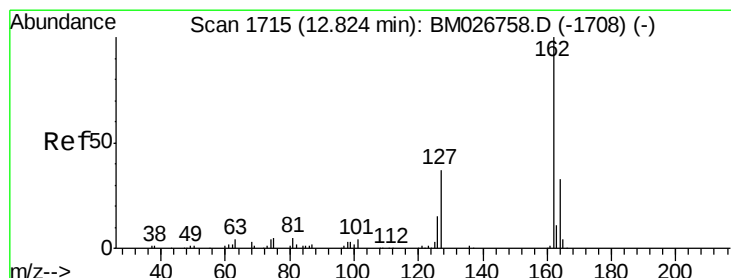
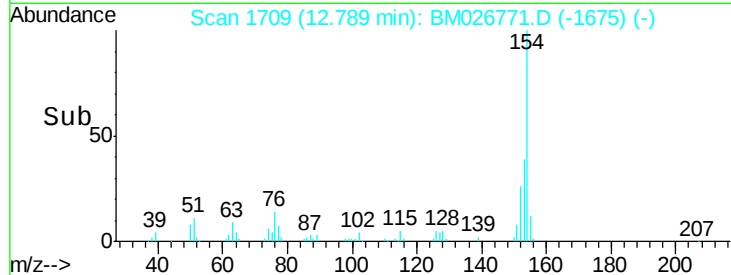
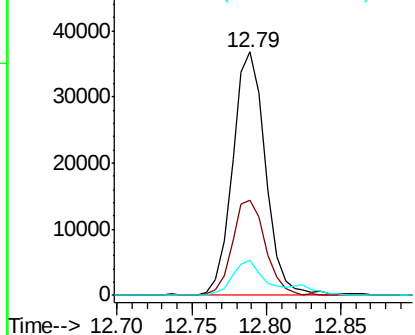
#41
 1,1'-Biphenyl
 Concen: 3.781 ng/ul
 RT: 12.79 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.9	49.3
76	14.1	11.7	17.5

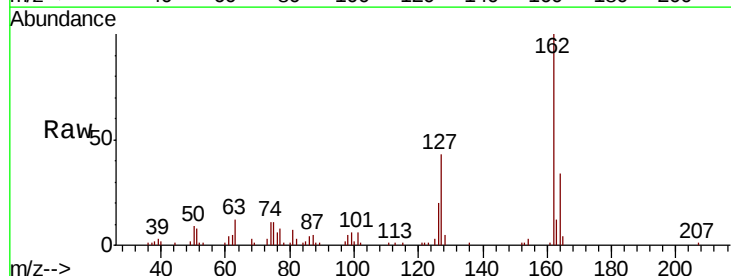


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM0

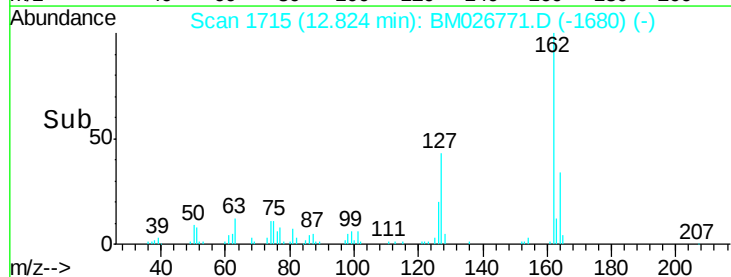
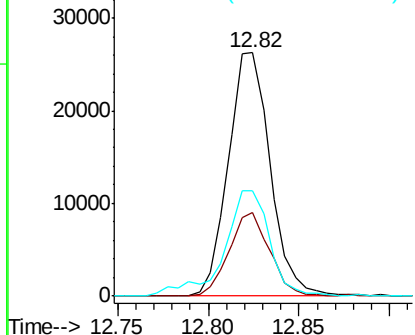


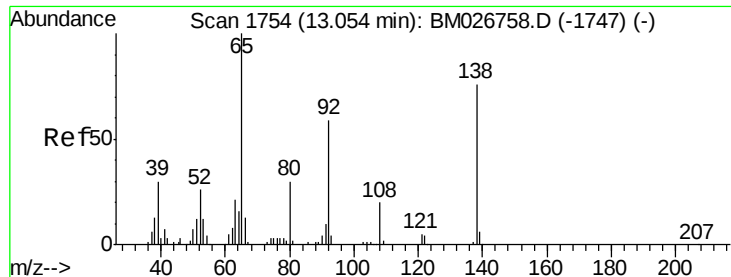
#42
 2-Chloronaphthalene
 Concen: 3.593 ng/ul
 RT: 12.82 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Tgt Ion	Ratio	Lower	Upper
162	100		
164	34.3	26.9	40.3
127	43.1	33.6	50.4



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

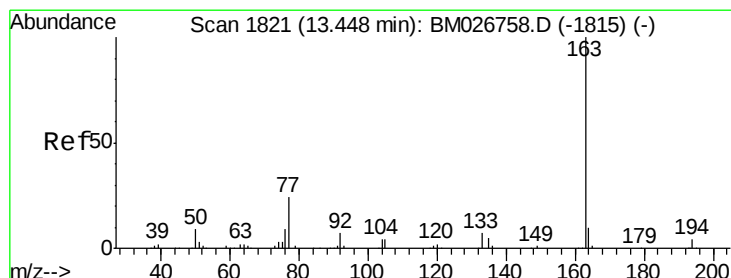
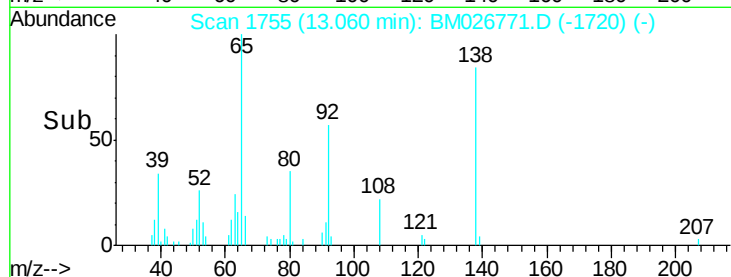
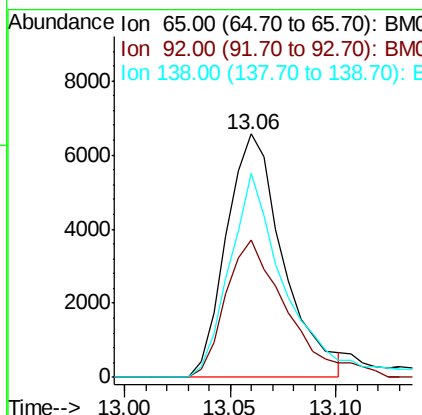
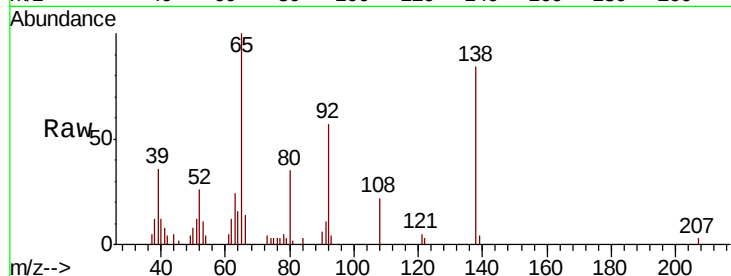




#43
2-Nitroaniline
Concen: 3.096 ng/ul
RT: 13.06 min Scan# 1755
Delta R.T. 0.01 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

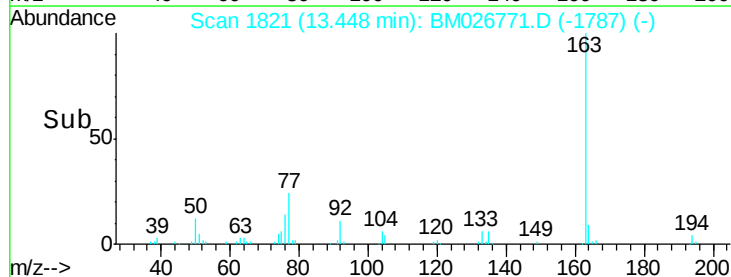
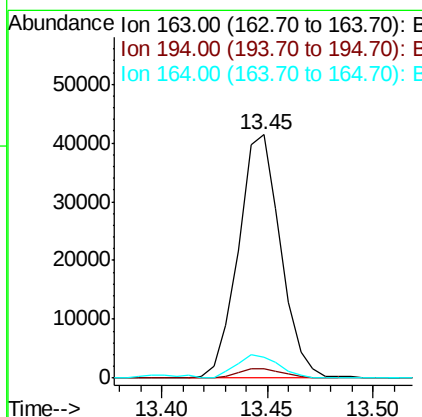
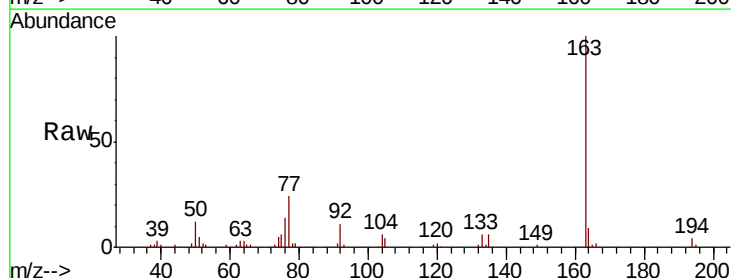
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

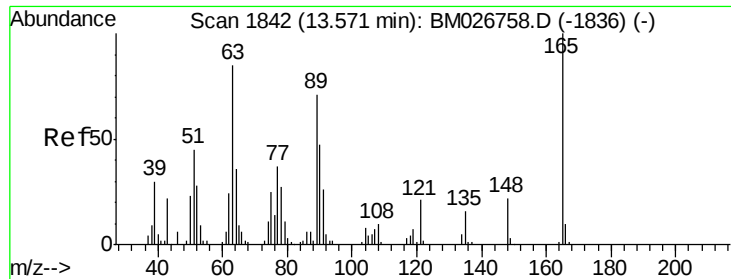
Tot Ion: 65 Resp: 12273
Ion Ratio Lower Upper
65 100
92 56.6 48.4 72.6
138 83.8 65.3 97.9



#45
Dimethylphthalate
Concen: 3.968 ng/ul
RT: 13.45 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion: 163 Resp: 57328
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 8.8 7.8 11.6

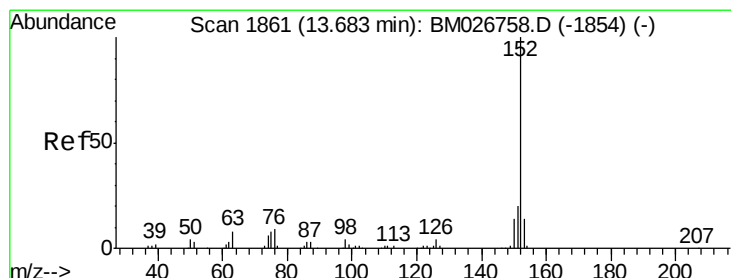
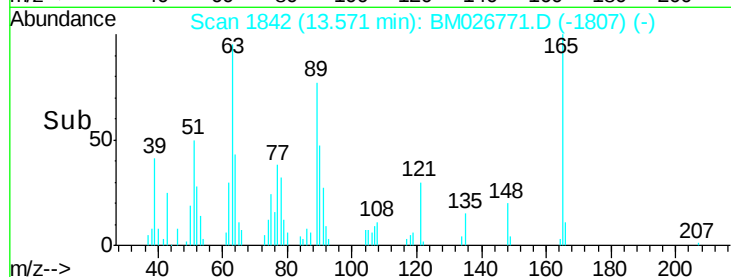
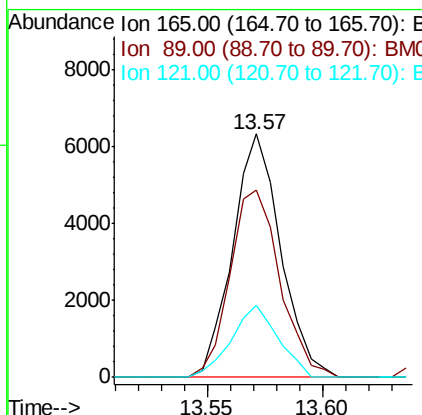
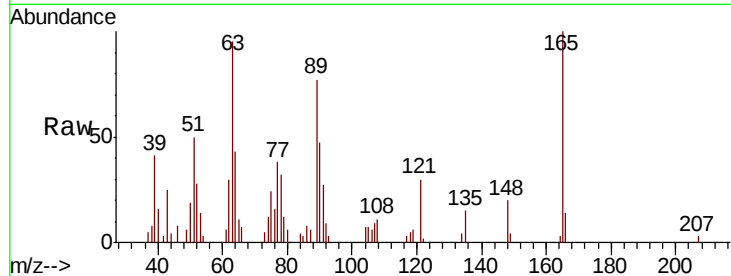




#46
2,6-Dinitrotoluene
Concen: 3.284 ng/ul
RT: 13.57 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

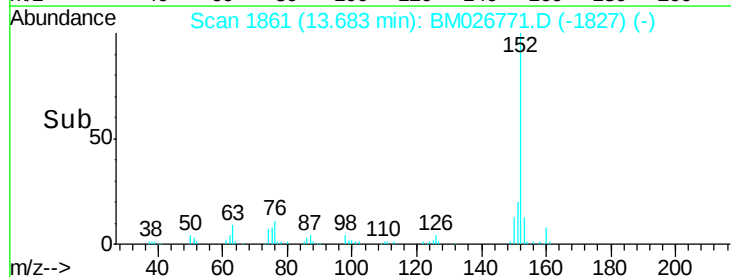
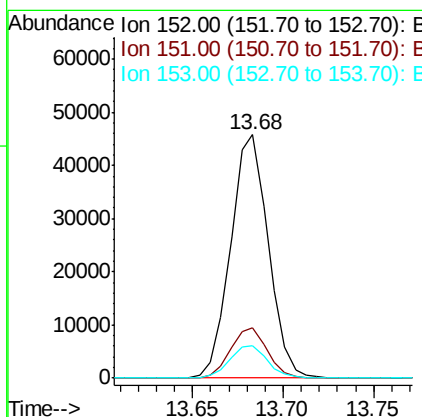
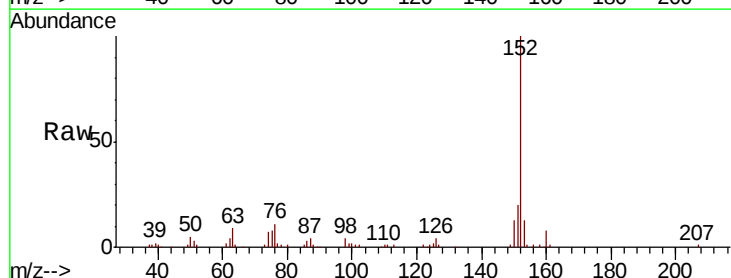
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

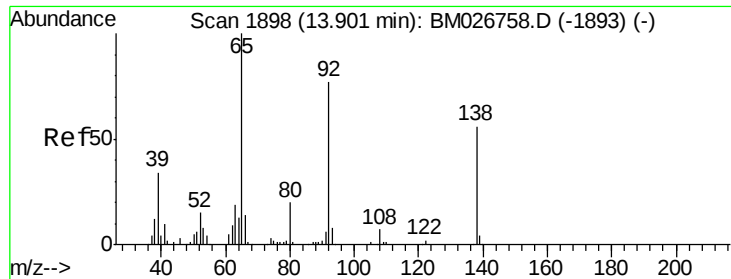
Tot Ion:165 Resp: 9169
Ion Ratio Lower Upper
165 100
89 76.8 54.2 81.4
121 29.8 18.2 27.4#



#48
Acenaphthylene
Concen: 3.707 ng/ul
RT: 13.68 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion:152 Resp: 66212
Ion Ratio Lower Upper
152 100
151 20.5 15.0 22.6
153 13.5 10.6 16.0

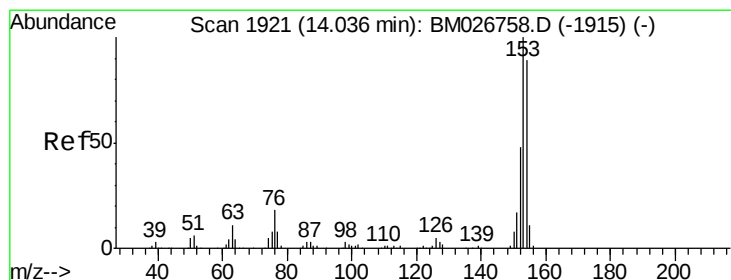
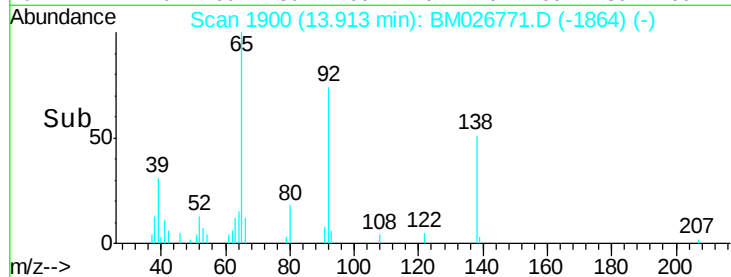
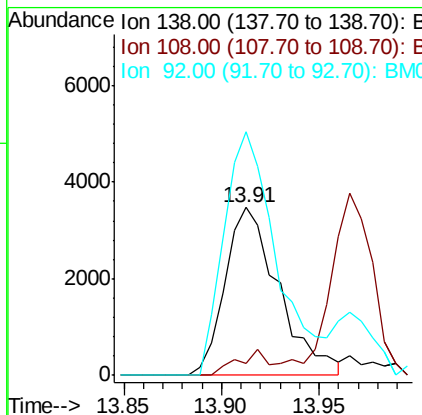
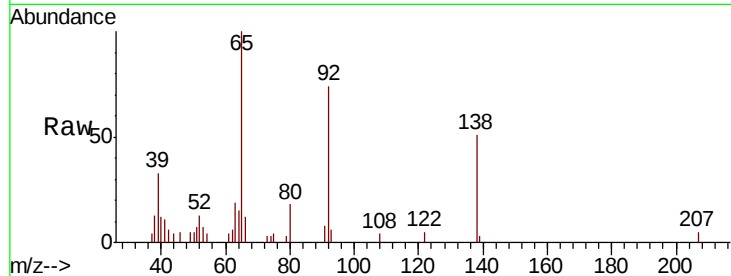




#49
3-Nitroaniline
Concen: 2.866 ng/ul
RT: 13.91 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

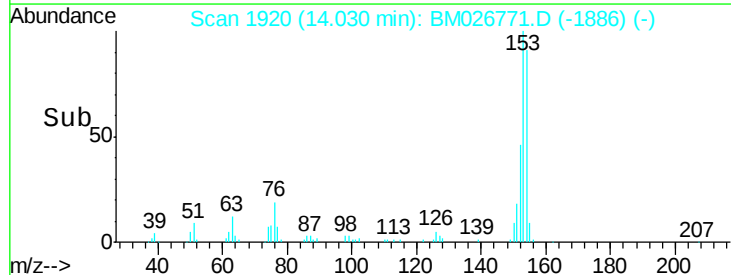
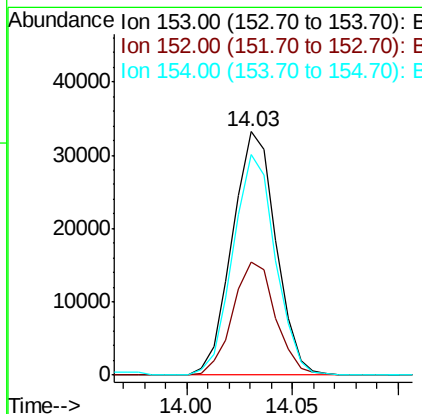
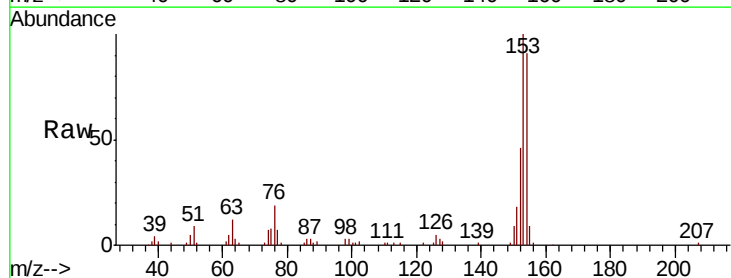
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

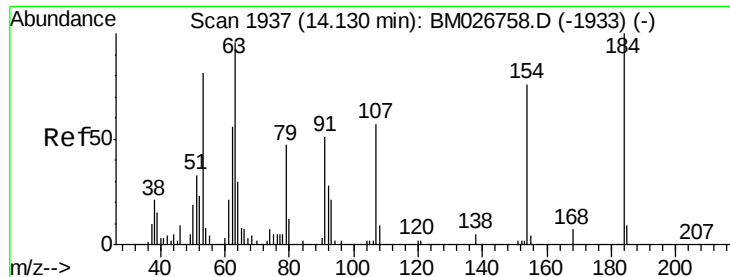
Tot Ion:138 Resp: 6651
Ion Ratio Lower Upper
138 100
108 7.3 10.6 16.0#
92 145.2 108.6 162.8



#50
Acenaphthene
Concen: 3.772 ng/ul
RT: 14.03 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion:153 Resp: 47620
Ion Ratio Lower Upper
153 100
152 46.3 37.7 56.5
154 90.8 71.3 106.9

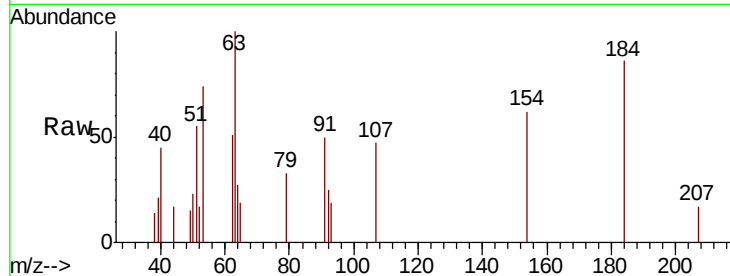




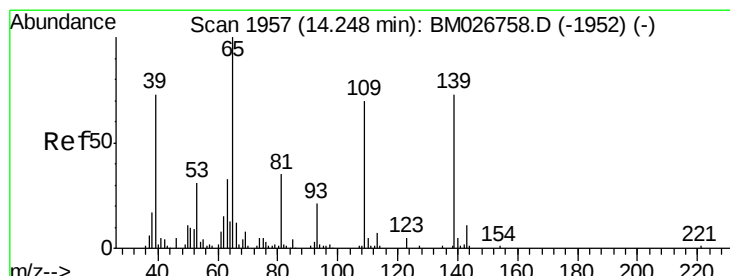
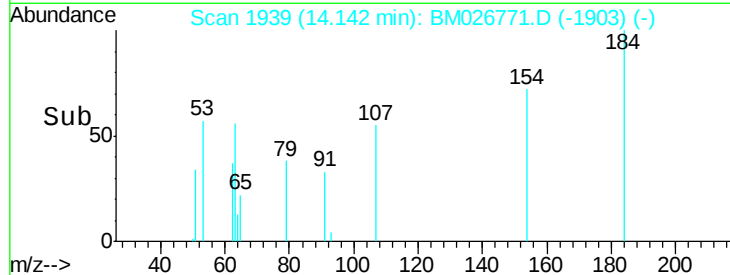
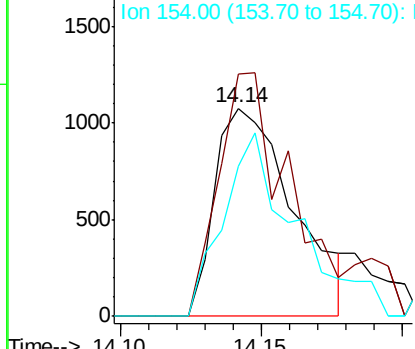
#51
 2,4-Dinitrophenol
 Concen: 1.435 ng/ul
 RT: 14.14 min Scan# 1939
 Delta R.T. 0.01 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-05

Tot Ion:184 Resp: 2081
 Ion Ratio Lower Upper
 184 100
 63 116.2 74.6 111.8#
 154 72.1 58.8 88.2

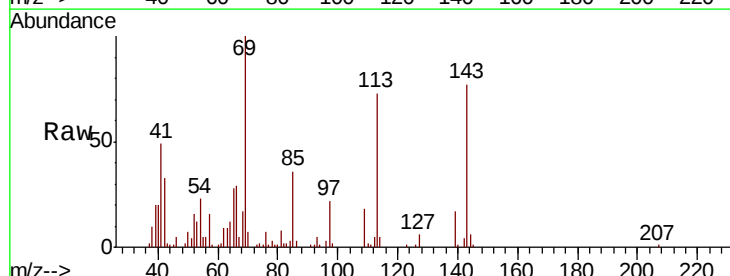


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 154.00 (153.70 to 154.70): E

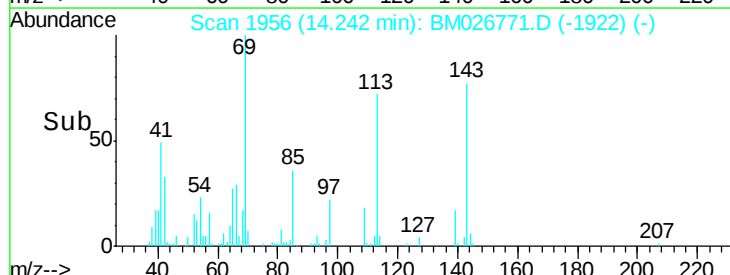
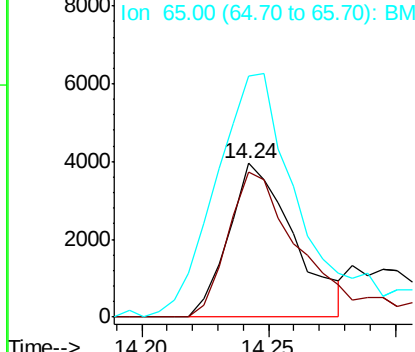


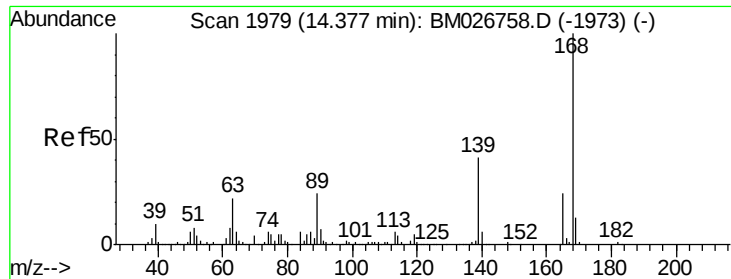
#53
 4-Nitrophenol
 Concen: 3.446 ng/ul
 RT: 14.24 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Tgt Ion:109 Resp: 7066
 Ion Ratio Lower Upper
 109 100
 139 94.1 87.5 131.3
 65 156.8 119.4 179.2



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM0





#54

Dibenzofuran

Concen: 3.708 ng/ul

RT: 14.38 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampled :

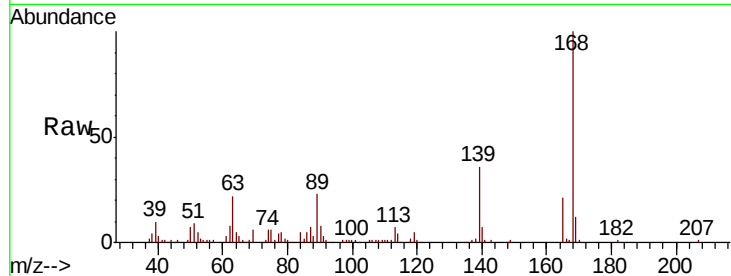
MDL-SOIL-05

Tot Ion:168 Resp: 66416

Ion Ratio Lower Upper

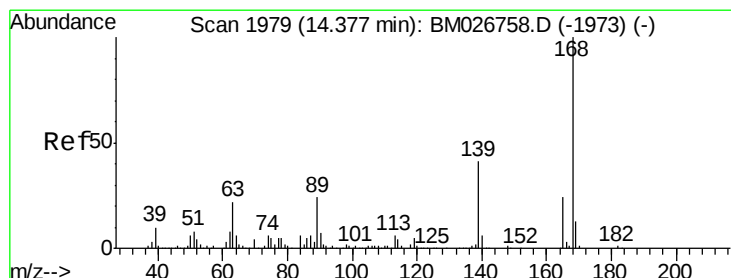
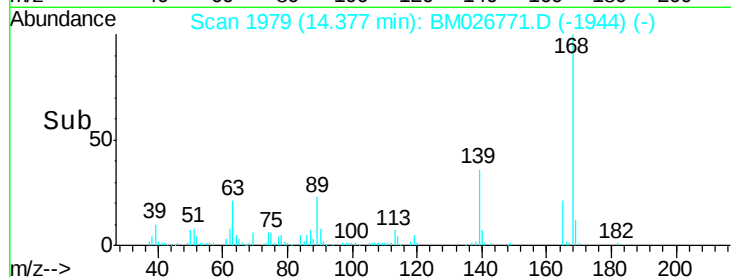
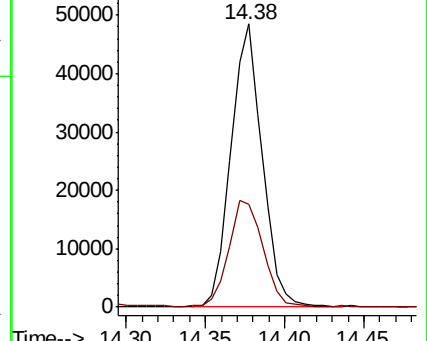
168 100

139 36.3 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.466 ng/ul

RT: 14.38 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

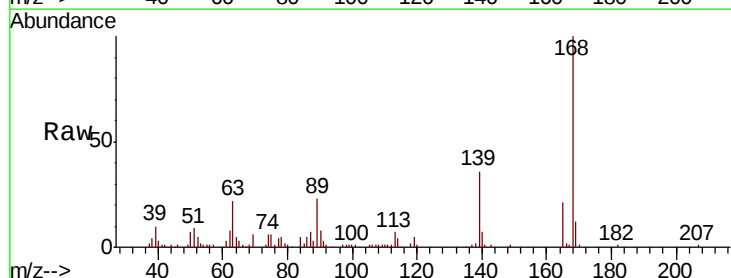
Tgt Ion:165 Resp: 14392

Ion Ratio Lower Upper

165 100

63 103.9 65.3 97.9#

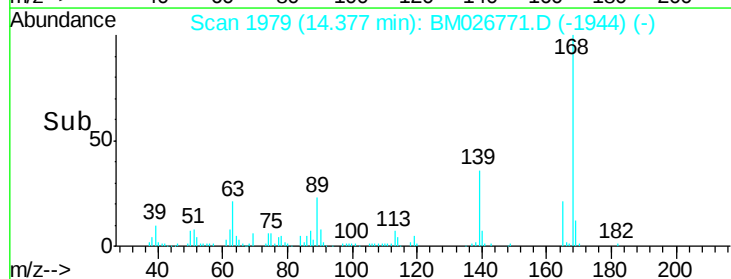
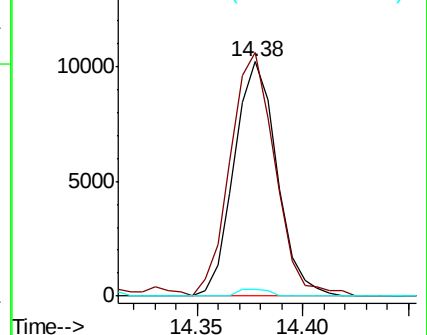
182 3.0 2.2 3.4

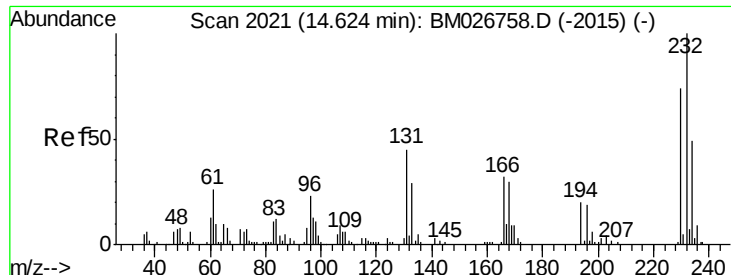


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

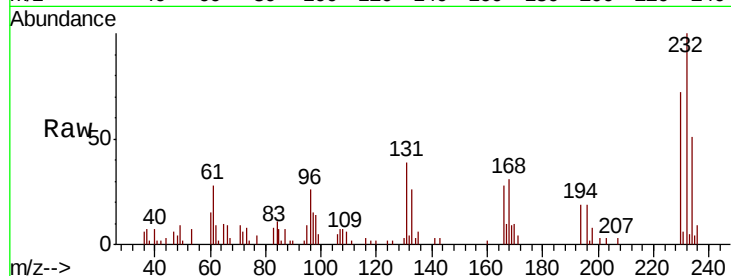




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.714 ng/ul
 RT: 14.62 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.1	33.4	50.0
130	3.3	2.2	3.2
166	28.1	25.2	37.8



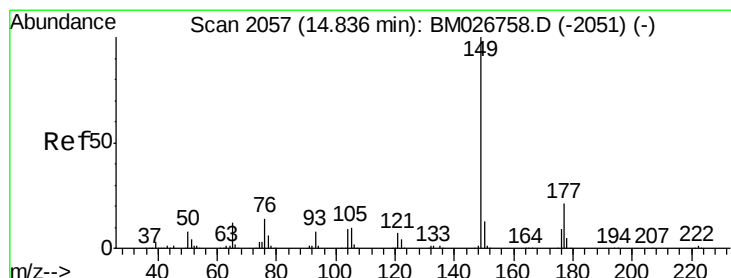
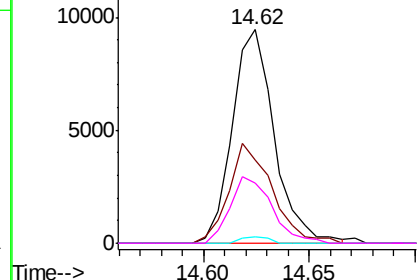
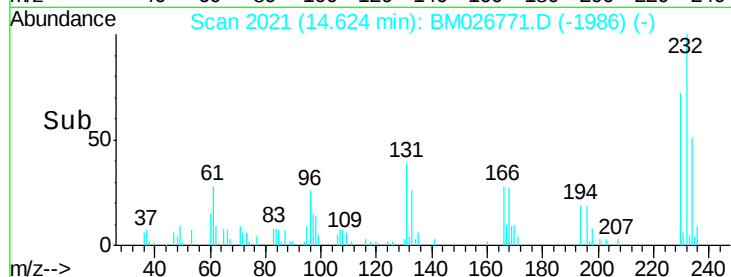
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

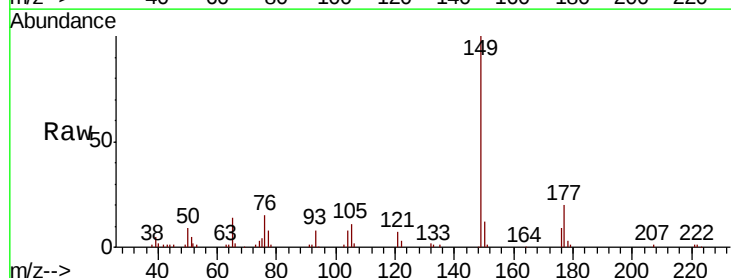
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57
 Diethylphthalate
 Concen: 3.830 ng/ul
 RT: 14.83 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.0	16.6	25.0
150	12.4	10.0	15.0

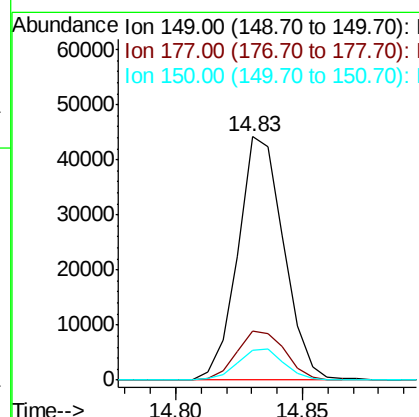
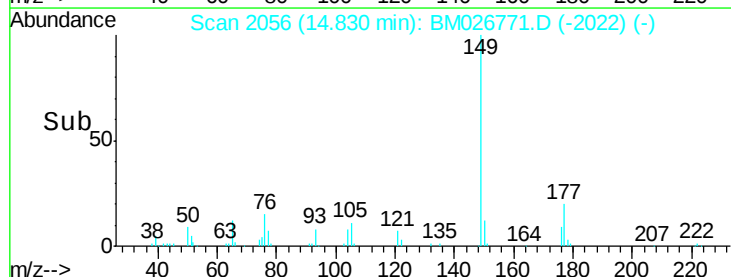


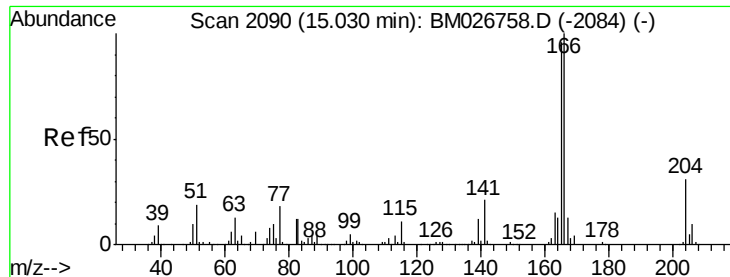
Abundance

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





#59

Fluorene

Concen: 3.719 ng/ul

RT: 15.03 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

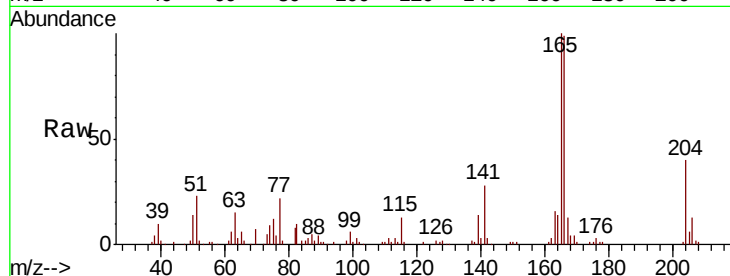
Tot Ion:166 Resp: 54428

Ion Ratio Lower Upper

166 100

165 100.8 77.0 115.4

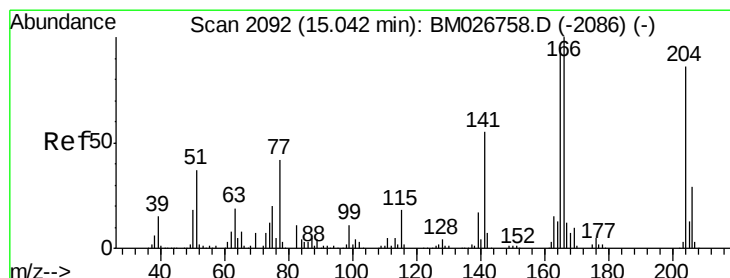
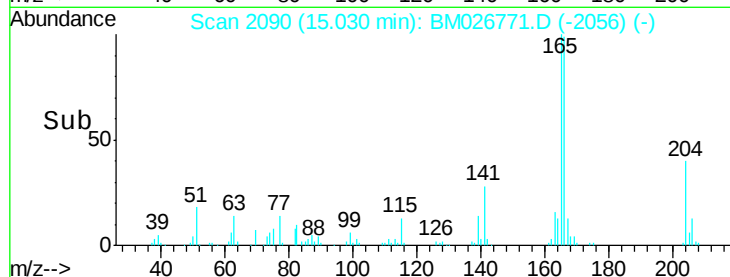
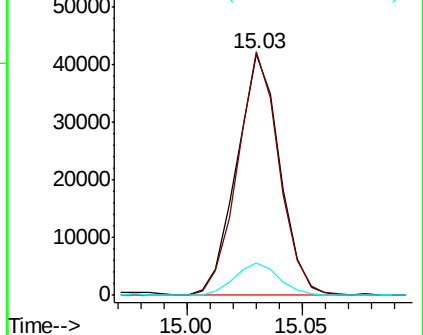
167 13.5 10.7 16.1



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



#60

4-Chlorophenyl-phenylether

Concen: 3.798 ng/ul

RT: 15.04 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

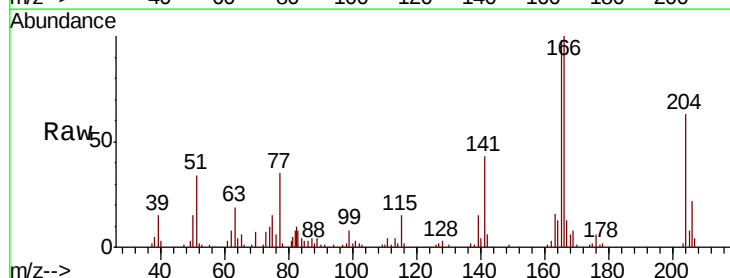
Tgt Ion:204 Resp: 28889

Ion Ratio Lower Upper

204 100

206 35.6 25.3 37.9

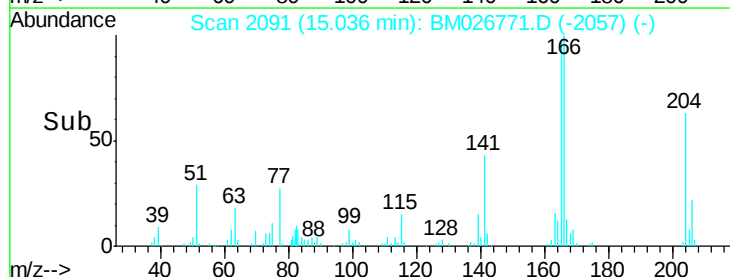
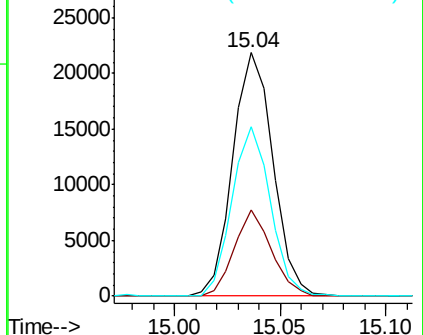
141 69.4 50.3 75.5

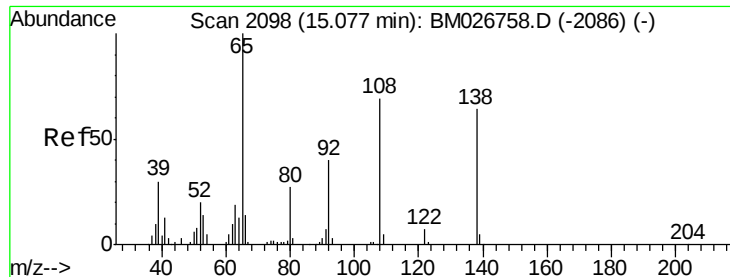


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 1.680 ng/ul

RT: 15.08 min Scan# 2099

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

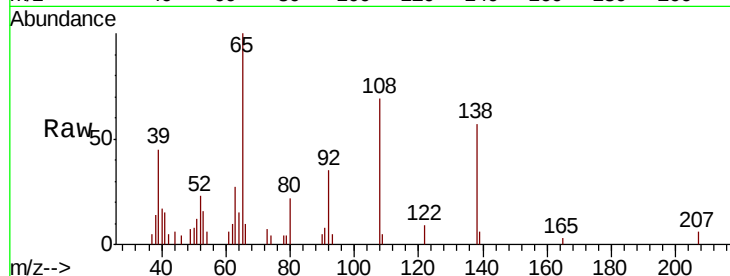
Tot Ion:138 Resp: 4410

Ion Ratio Lower Upper

138 100

92 61.3 47.7 71.5

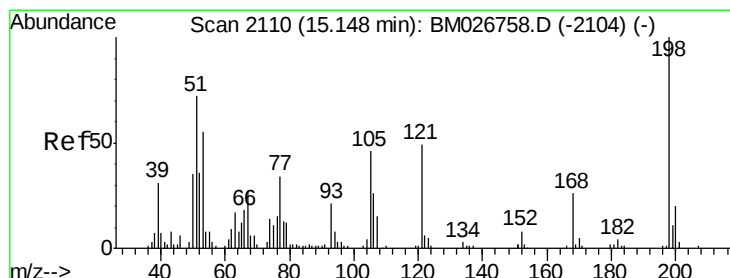
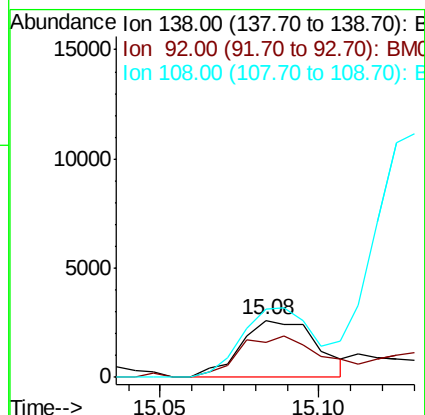
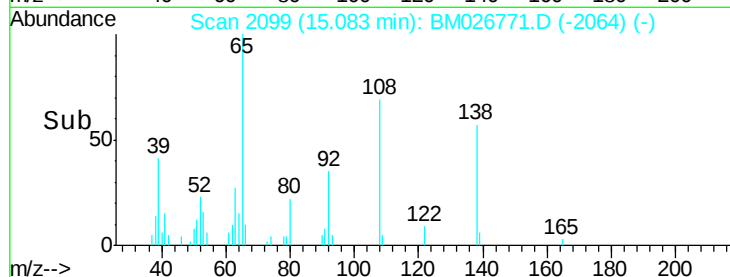
108 119.3 82.6 123.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 3.655 ng/ul

RT: 15.14 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

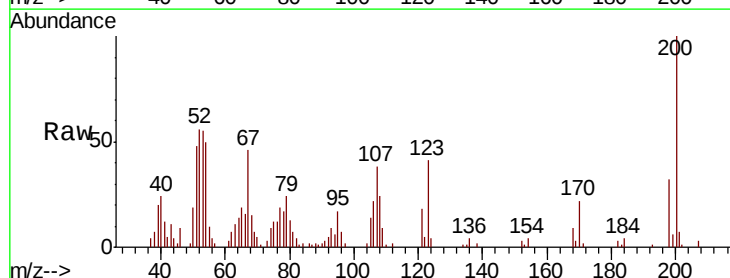
Tgt Ion:198 Resp: 8575

Ion Ratio Lower Upper

198 100

182 8.0 4.0 6.0#

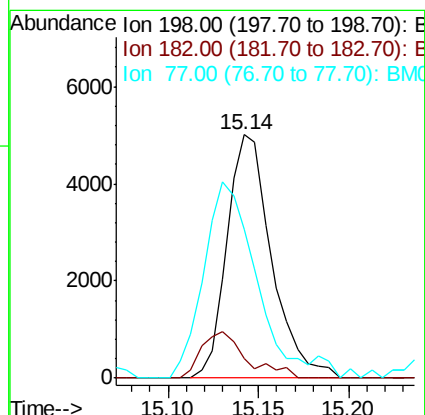
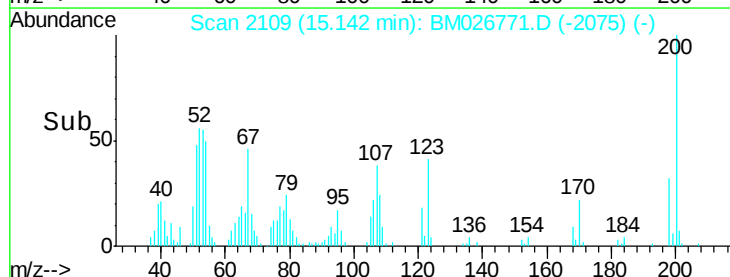
77 61.1 26.7 40.1#

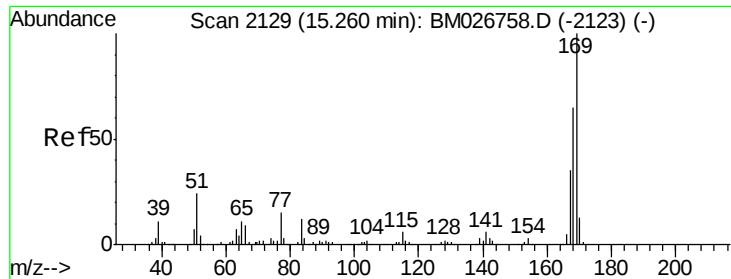


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



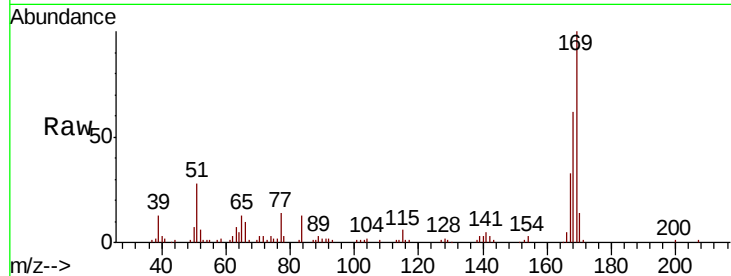


#65

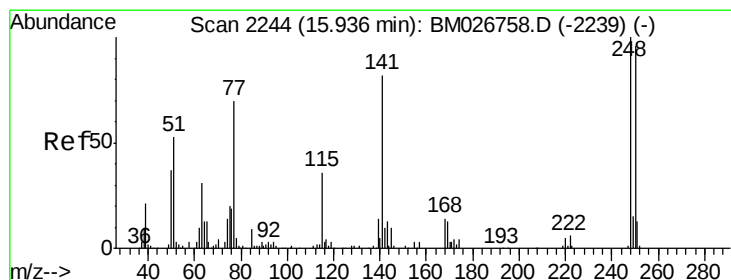
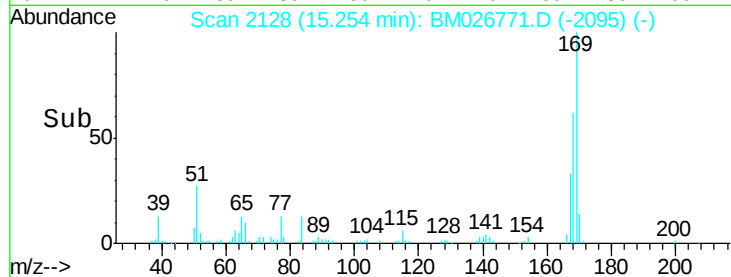
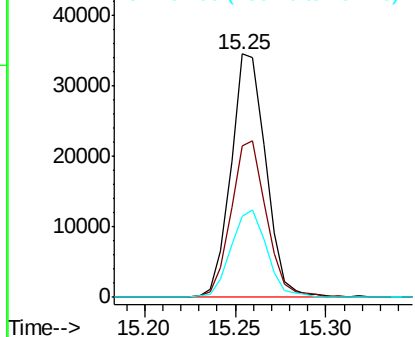
N-Nitrosodiphenylamine
 Concen: 3.900 ng/ul
 RT: 15.25 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-05

Tot Ion:169 Resp: 46222
 Ion Ratio Lower Upper
 169 100
 168 62.2 51.7 77.5
 167 33.5 28.4 42.6



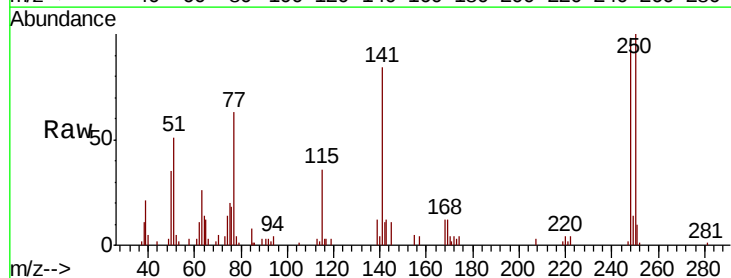
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



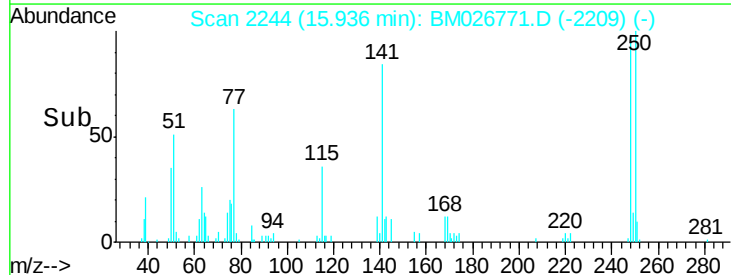
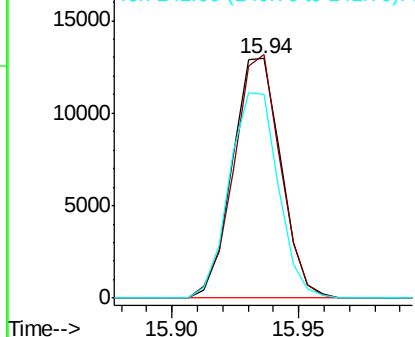
#66

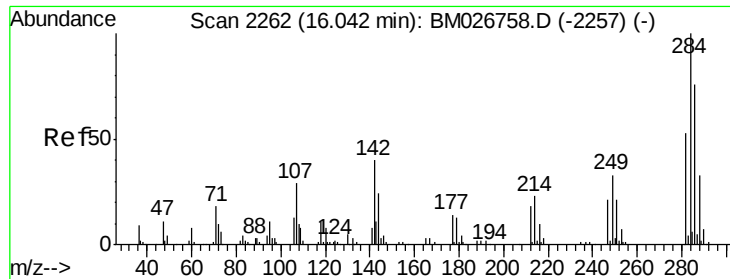
4-Bromophenyl-phenylether
 Concen: 4.037 ng/ul
 RT: 15.94 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Tgt Ion:248 Resp: 17252
 Ion Ratio Lower Upper
 248 100
 250 101.6 77.4 116.0
 141 85.0 66.1 99.1



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

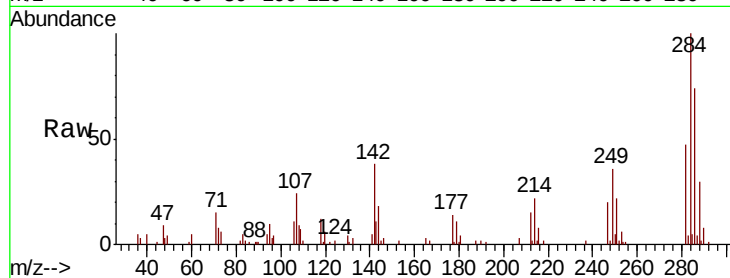




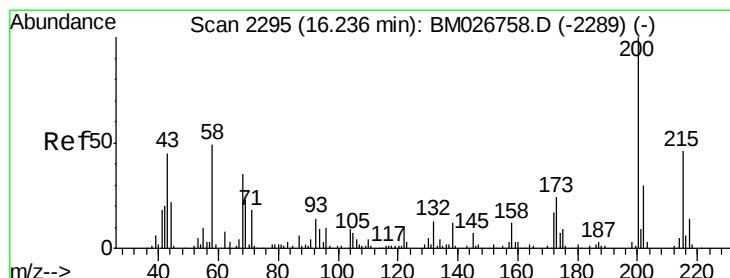
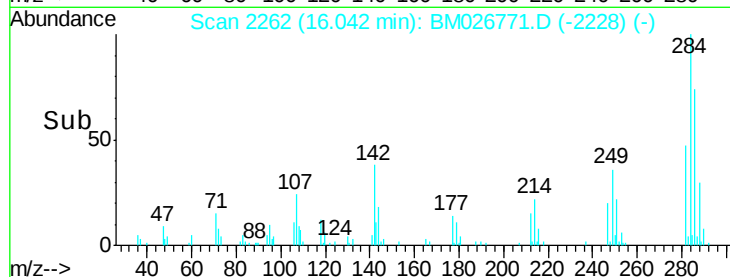
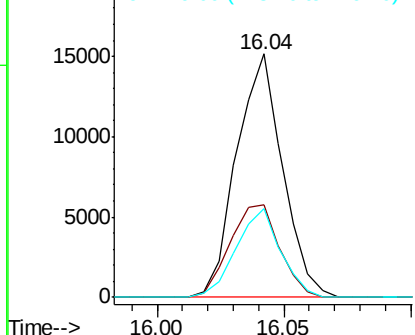
#67
Hexachlorobenzene
Concen: 3.937 ng/ul
RT: 16.04 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

Tot Ion:284 Resp: 19174
Ion Ratio Lower Upper
284 100
142 37.8 27.1 40.7
249 36.2 25.8 38.6

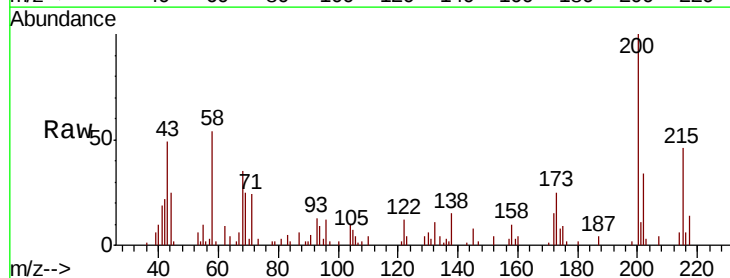


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

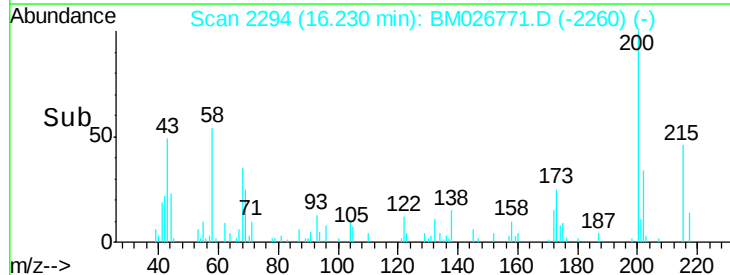
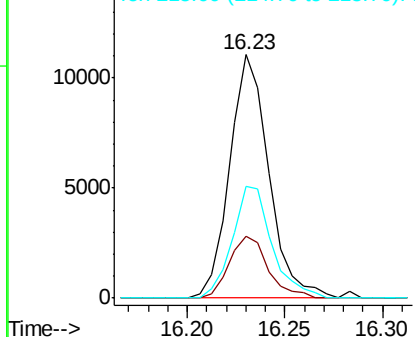


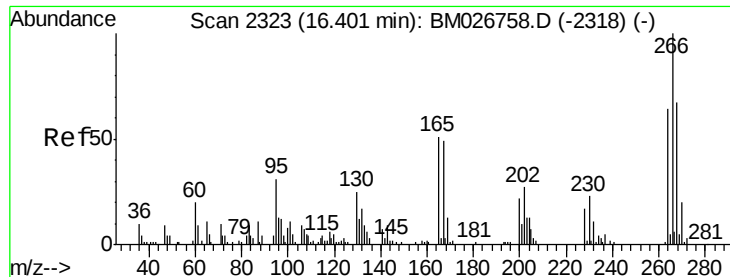
#68
Atrazine
Concen: 3.985 ng/ul
RT: 16.23 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion:200 Resp: 15389
Ion Ratio Lower Upper
200 100
173 25.4 20.8 31.2
215 45.8 37.8 56.8



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

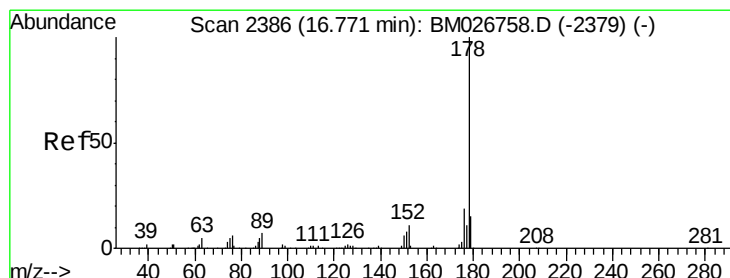
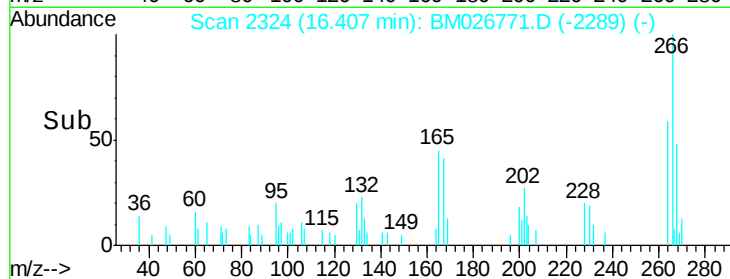
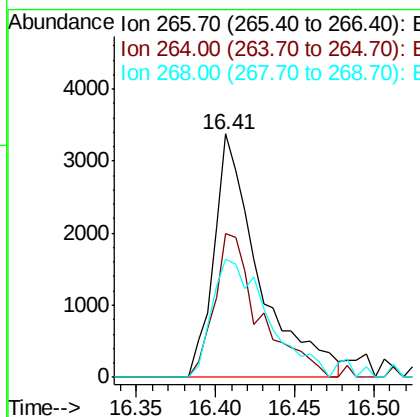
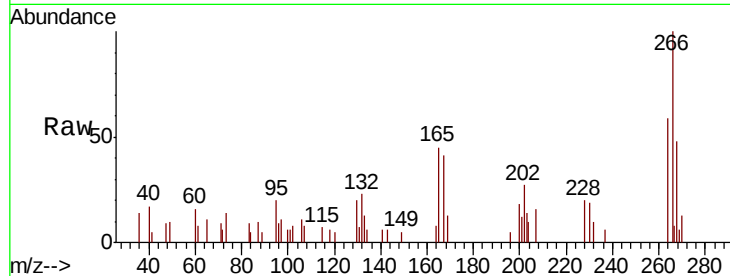




#69
 Pentachlorophenol
 Concen: 2.773 ng/ul
 RT: 16.41 min Scan# 2324
 Delta R.T. 0.01 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

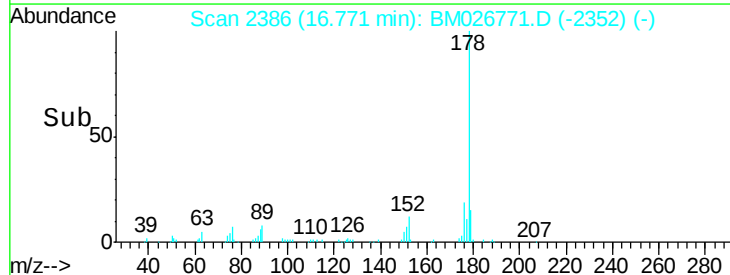
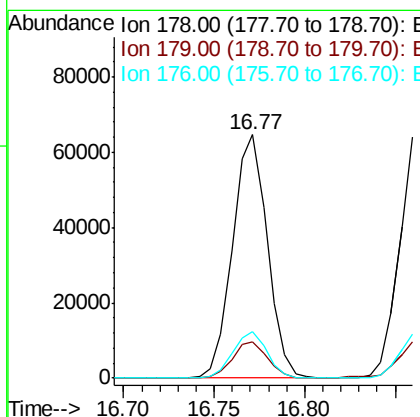
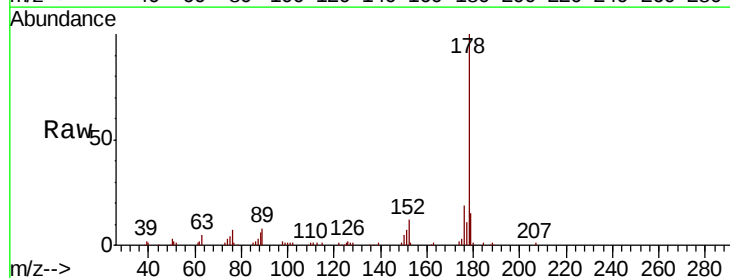
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-05

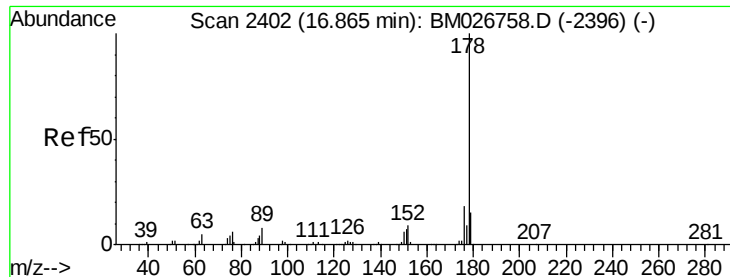
Tot Ion:266 Resp: 6659
 Ion Ratio Lower Upper
 266 100
 264 59.3 49.9 74.9
 268 54.3 51.4 77.0



#70
 Phenanthrene
 Concen: 3.920 ng/ul
 RT: 16.77 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Tgt Ion:178 Resp: 86536
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.4 18.6
 176 18.9 14.3 21.5





#72

Anthracene

Concen: 3.904 ng/ul

RT: 16.86 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

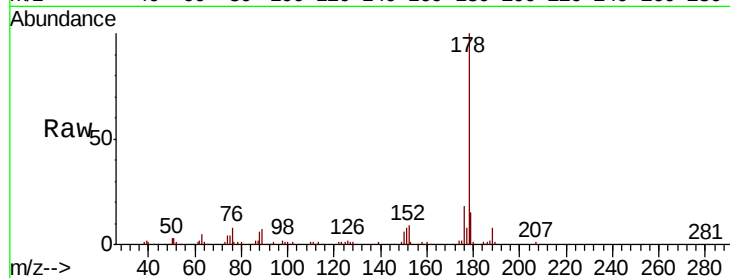
Tot Ion:178 Resp: 86956

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.6

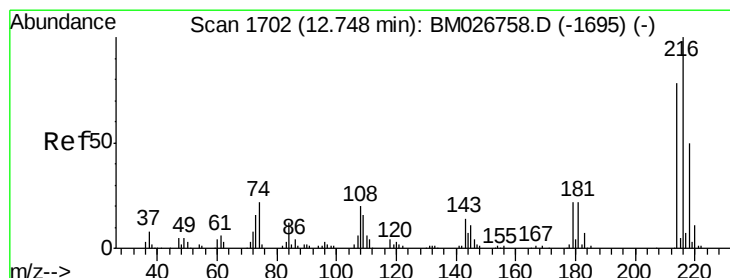
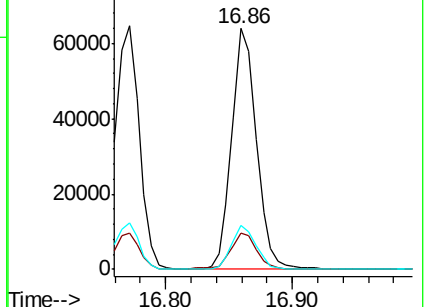
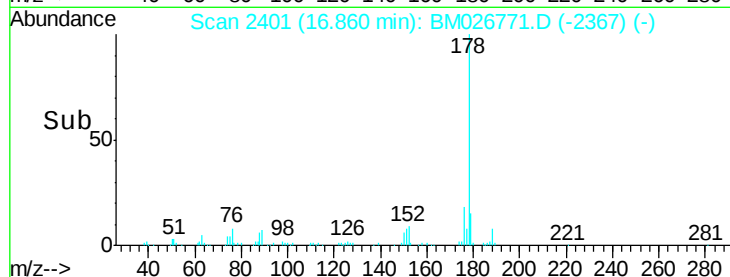
176 18.3 14.7 22.1



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.870 ng/uL

RT: 12.75 min Scan# 1702

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

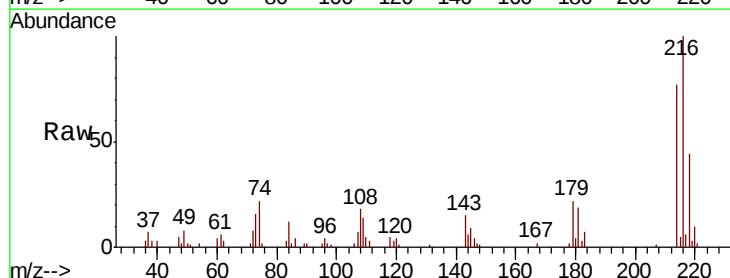
Tgt Ion:216 Resp: 23655

Ion Ratio Lower Upper

216 100

214 77.1 63.8 95.8

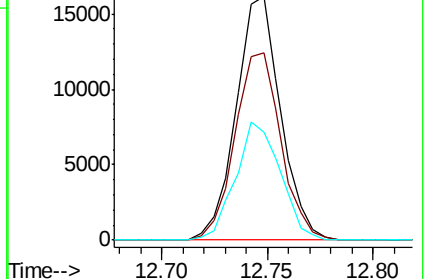
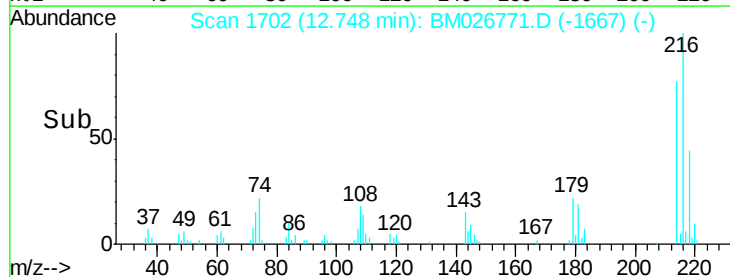
218 44.4 38.5 57.7

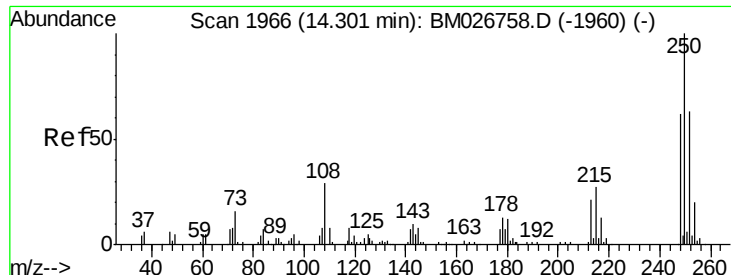


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.905 ng/uL

RT: 14.29 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

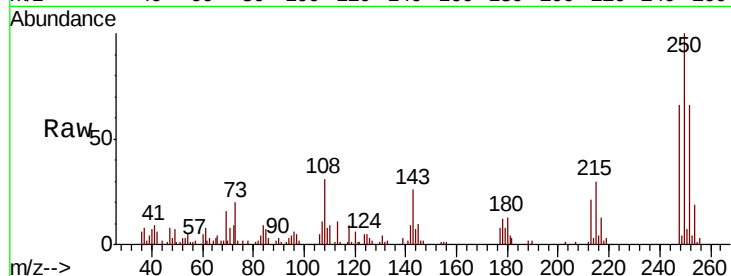
Tot Ion:250 Resp: 22859

Ion Ratio Lower Upper

250 100

248 70.1 51.3 76.9

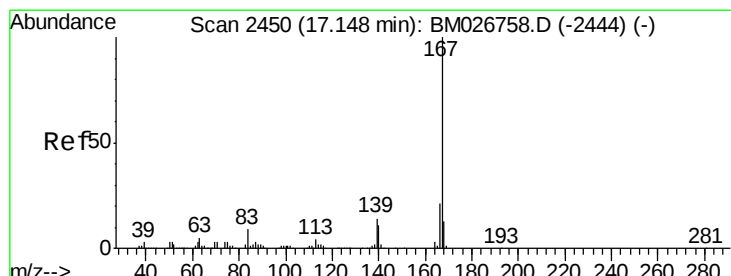
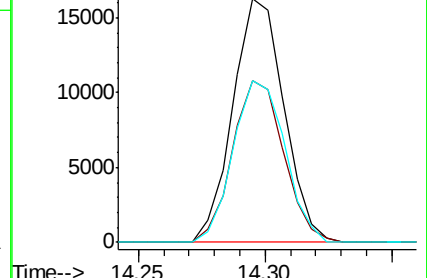
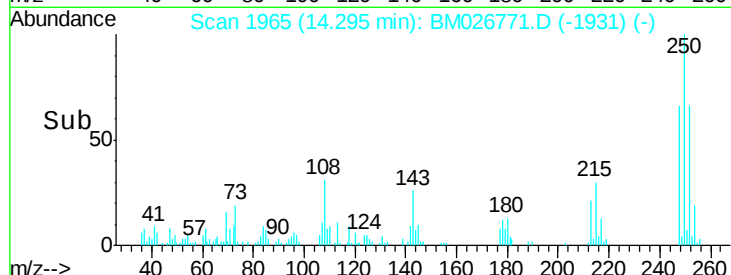
252 66.4 50.9 76.3



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



#75

Carbazole

Concen: 3.550 ng/uL

RT: 17.15 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

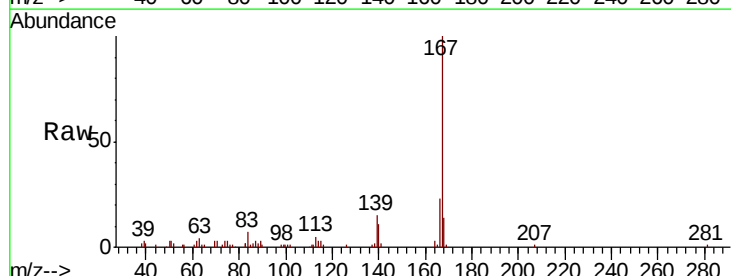
Tgt Ion:167 Resp: 63314

Ion Ratio Lower Upper

167 100

166 22.5 17.4 26.0

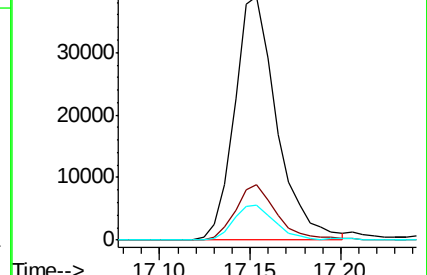
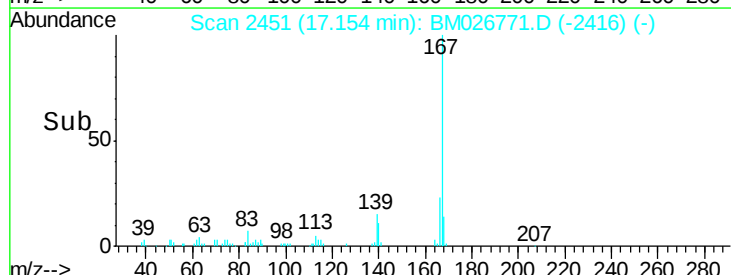
139 14.6 10.6 15.8

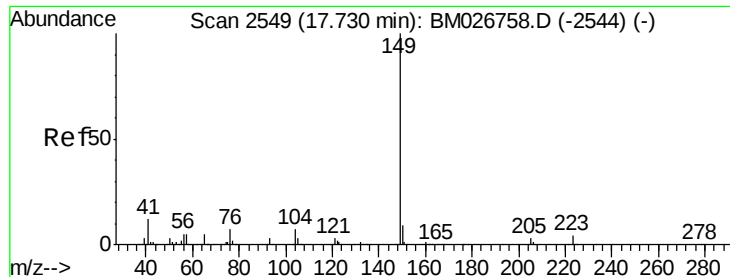


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

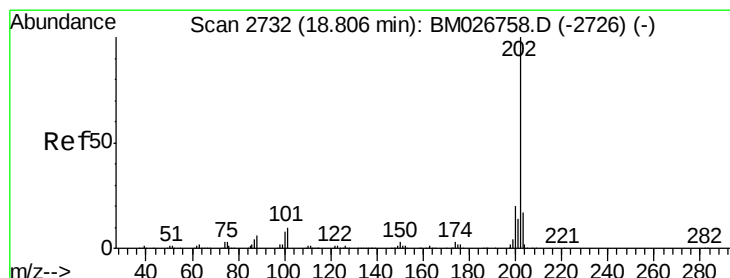
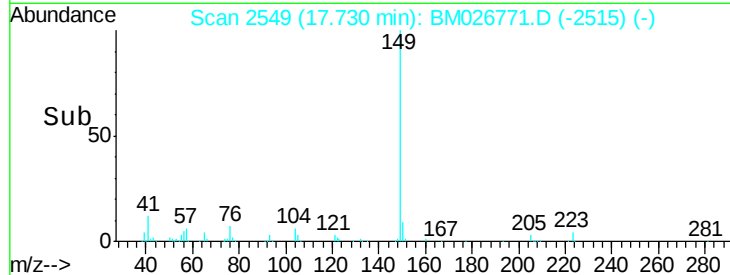
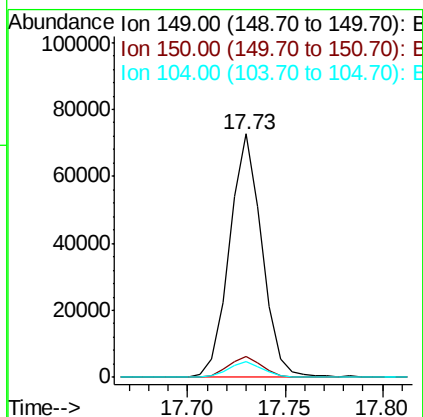
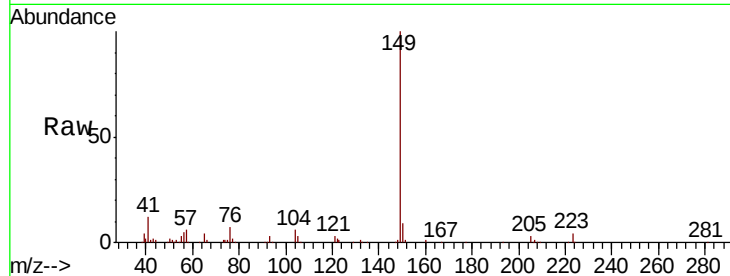




#76
Di-n-butylphthalate
Concen: 3.871 ng/ul
RT: 17.73 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

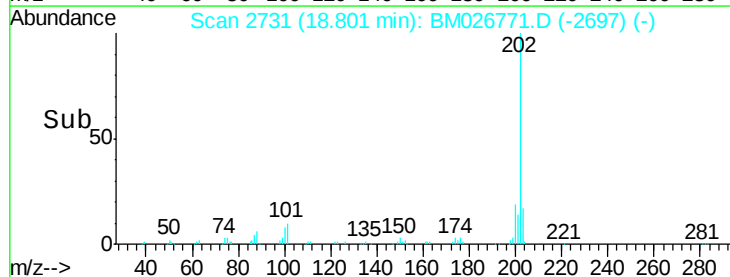
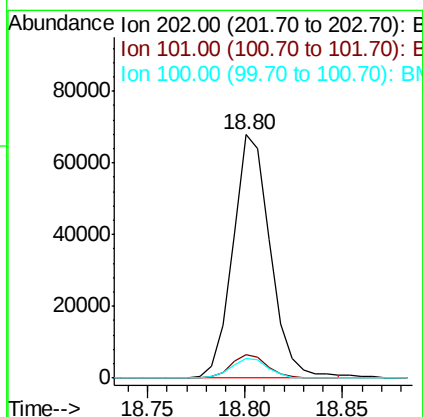
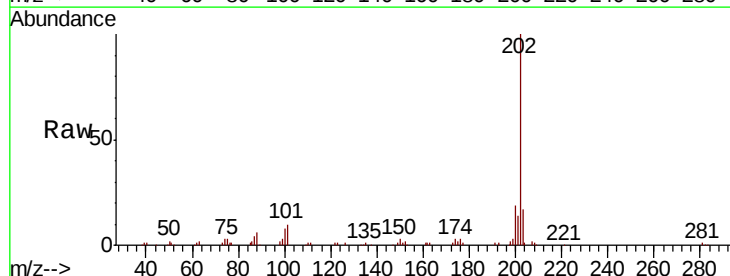
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

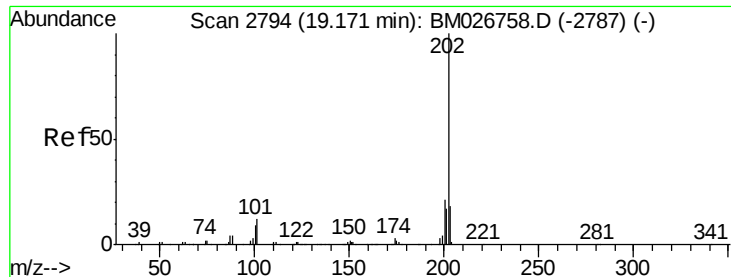
Tot Ion:149	Resp:	83516
Ion Ratio	Lower	Upper
149	100	
150	8.7	7.1 10.7
104	6.3	5.2 7.8



#77
Fluoranthene
Concen: 3.953 ng/ul
RT: 18.80 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion:202	Resp:	90256
Ion Ratio	Lower	Upper
202	100	
101	9.5	8.5 12.7
100	8.3	6.9 10.3

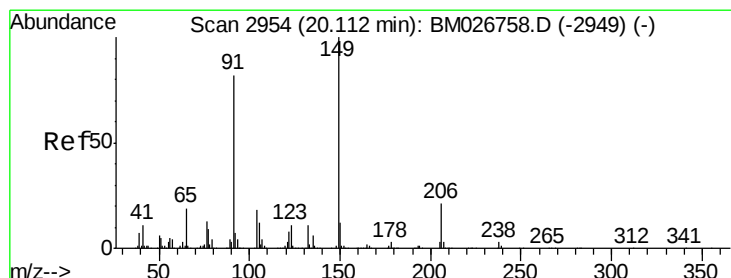
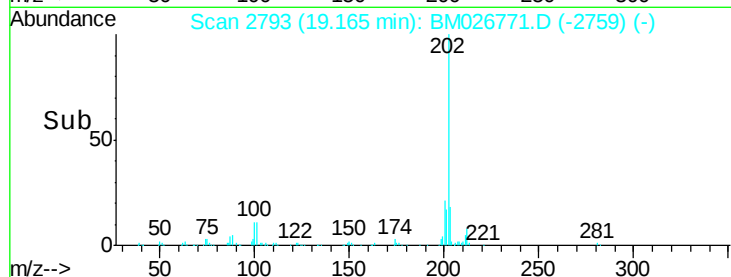
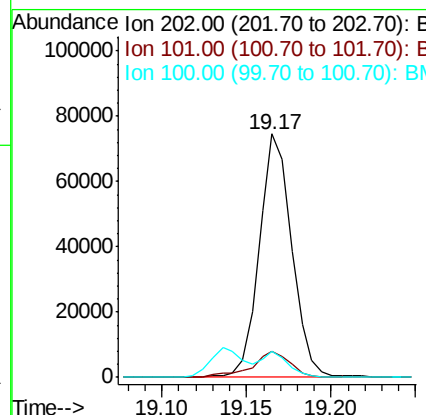
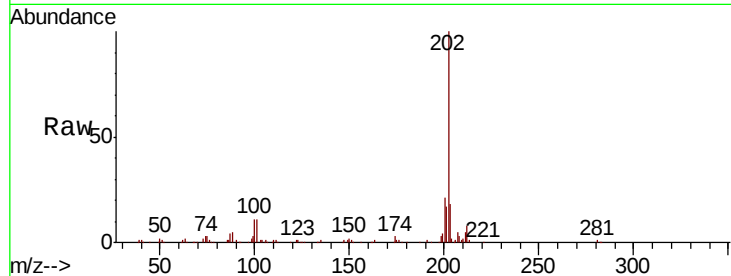




#80
Pvrene
Concen: 4.538 ng/ul
RT: 19.17 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

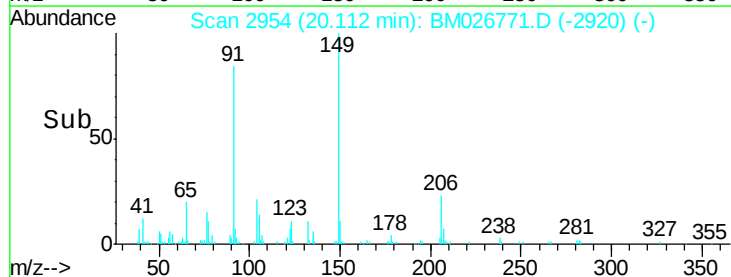
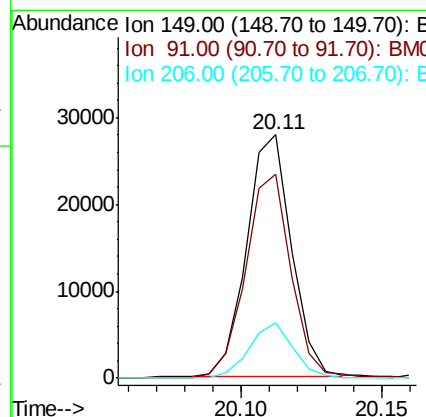
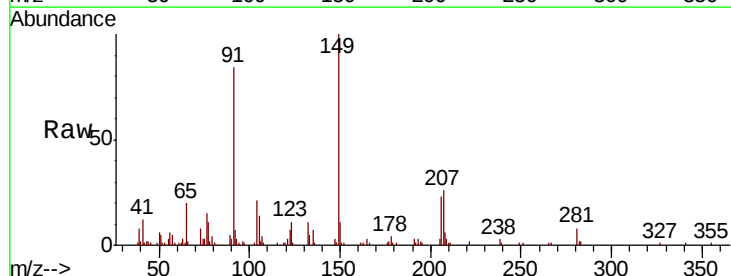
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

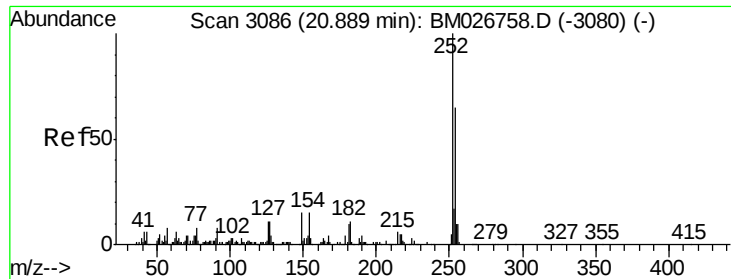
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.4	14.2
100	10.9	8.0	12.0



#81
Butylbenzylphthalate
Concen: 3.908 ng/ul
RT: 20.11 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.5	66.4	99.6
206	23.0	16.3	24.5





#82

3,3'-Dichlorobenzidine

Concen: 2.643 ng/ul

RT: 20.89 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampled :

MDL-SOIL-05

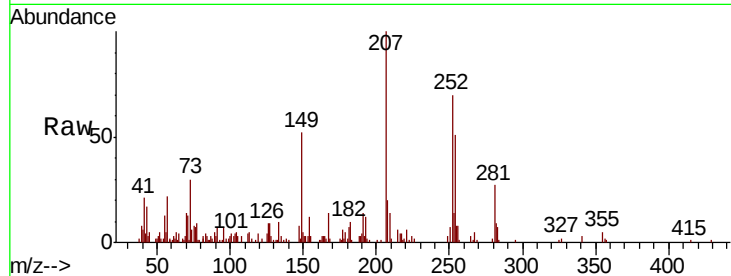
Tot Ion:252 Resp: 16563

Ion Ratio Lower Upper

252 100

254 72.1 51.3 76.9

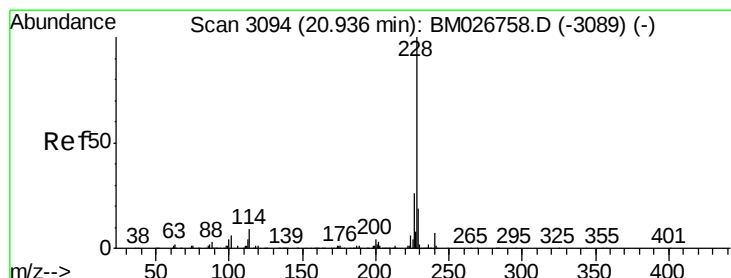
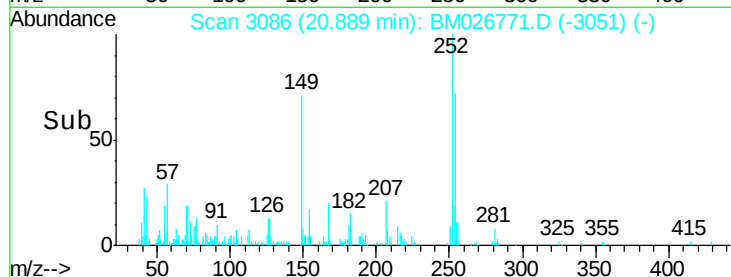
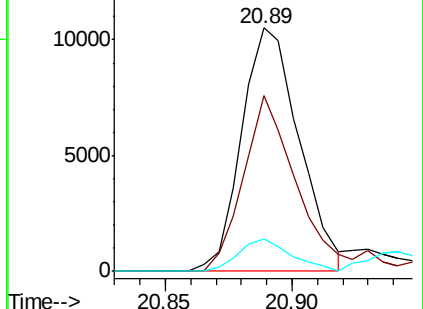
126 13.1 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 4.154 ng/ul

RT: 20.94 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

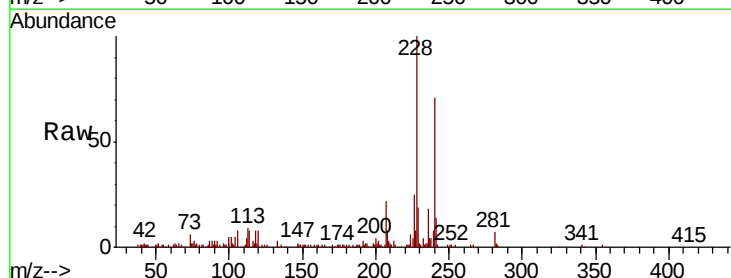
Tgt Ion:228 Resp: 88885

Ion Ratio Lower Upper

228 100

229 19.0 15.4 23.0

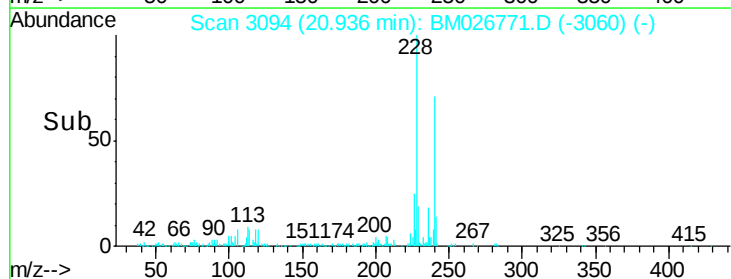
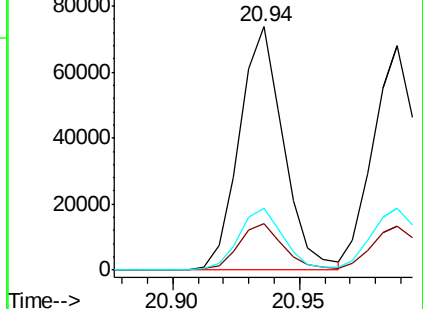
226 25.4 21.2 31.8

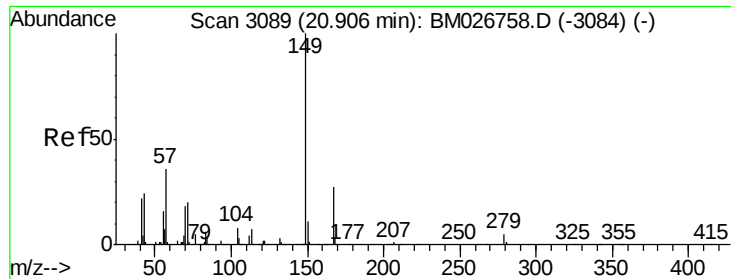


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

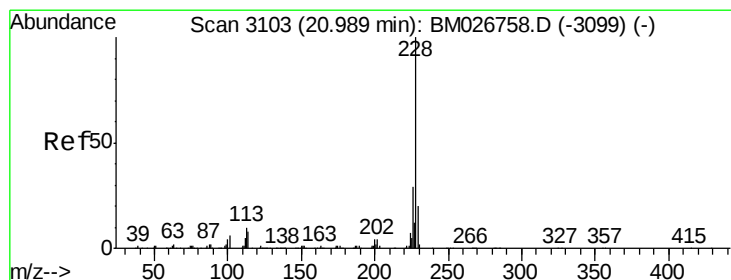
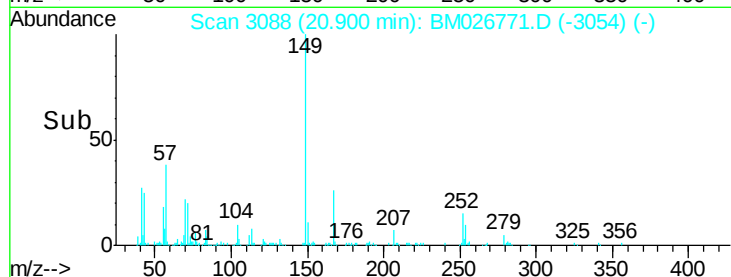
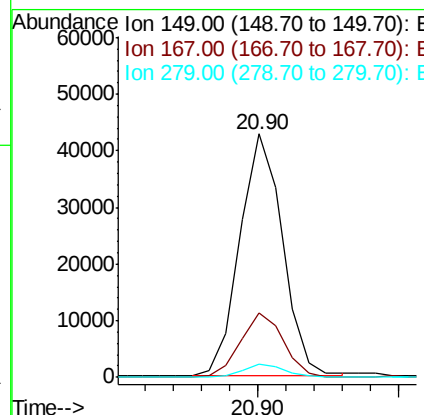
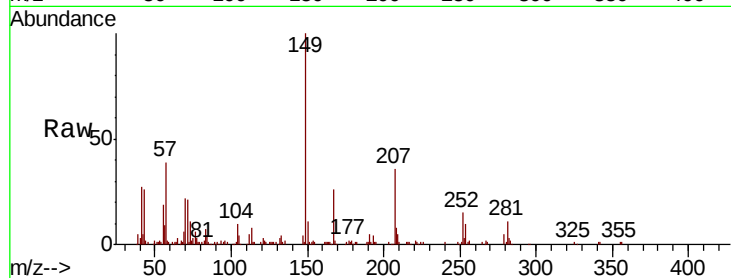




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.829 ng/ul
 RT: 20.90 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

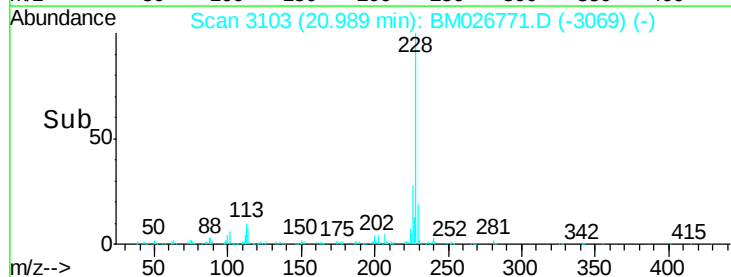
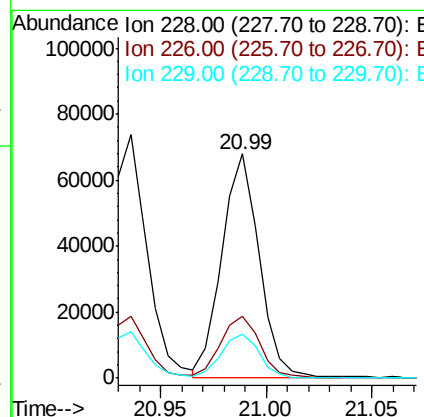
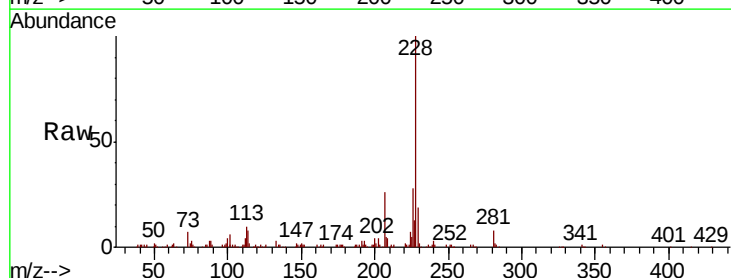
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-05

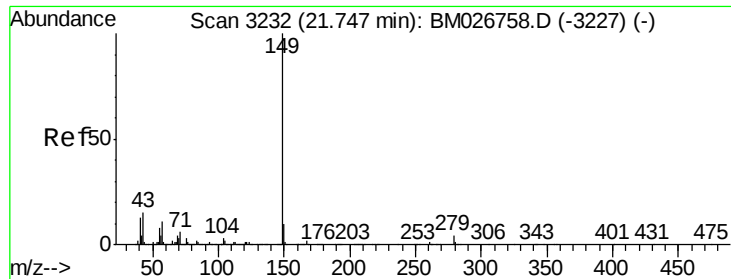
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.1	33.1
279	5.3	3.6	5.4



#85
 Chrysene
 Concen: 3.922 ng/ul
 RT: 20.99 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BM026771.D
 Acq: 15 Jul 2020 11:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.6
229	19.4	15.5	23.3





#87

Di-n-octyl phthalate

Concen: 3.465 ng/ul

RT: 21.74 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

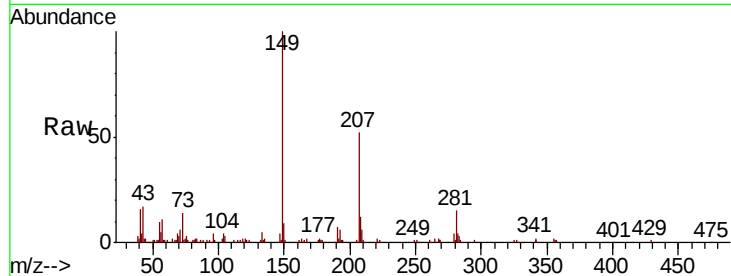
Instrument :

BNA_M

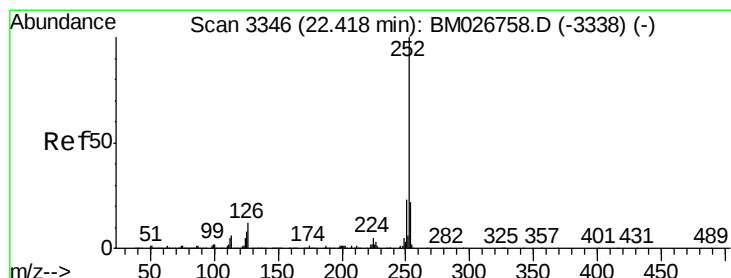
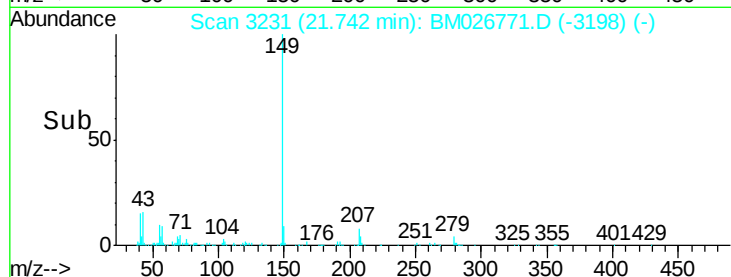
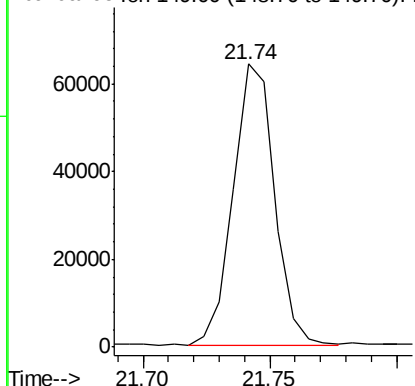
ClientSampleId :

MDL-SOIL-05

Tgt Ion:149 Resp: 72530



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.618 ng/ul

RT: 22.41 min Scan# 3345

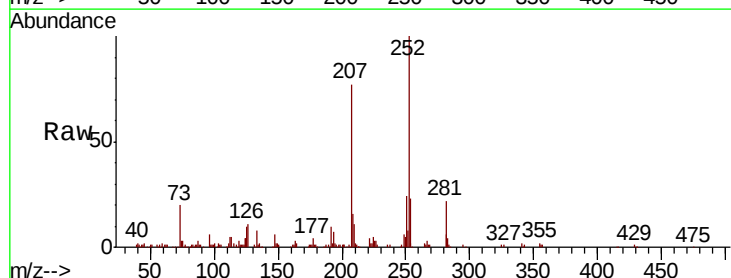
Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Tgt Ion:252 Resp: 83470

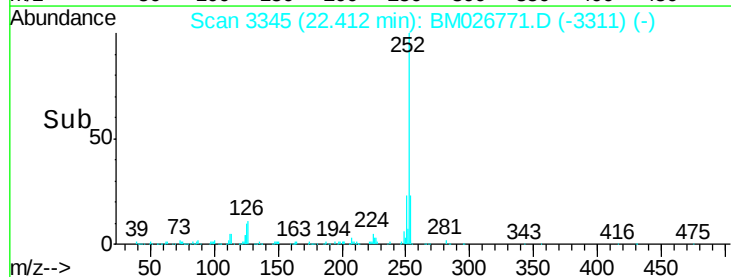
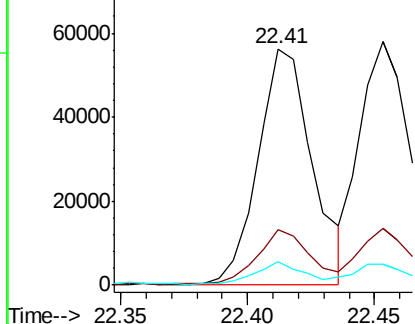
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	10.1	7.6	11.4

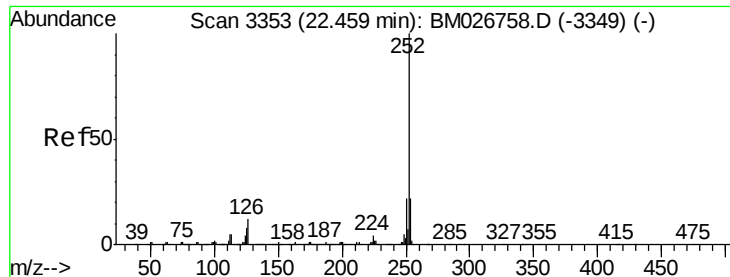


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.545 ng/ul

RT: 22.45 min Scan# 3352

Delta R.T. -0.00 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

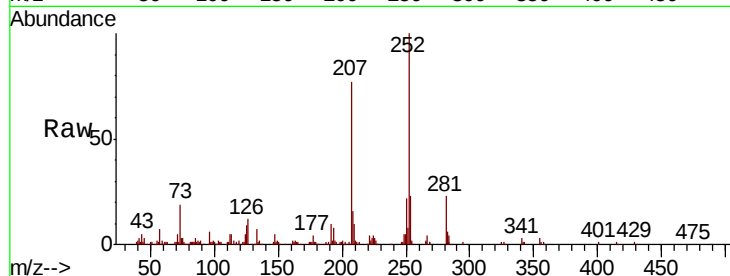
Tot Ion:252 Resp: 81059

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 8.8 7.7 11.5

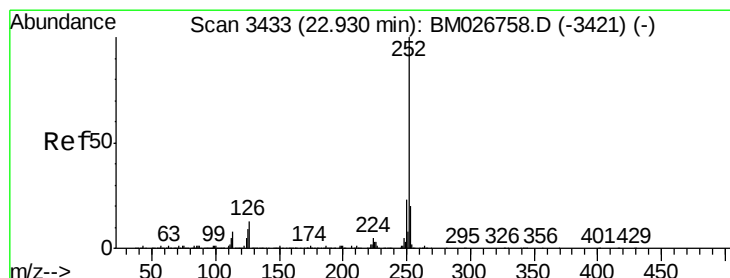
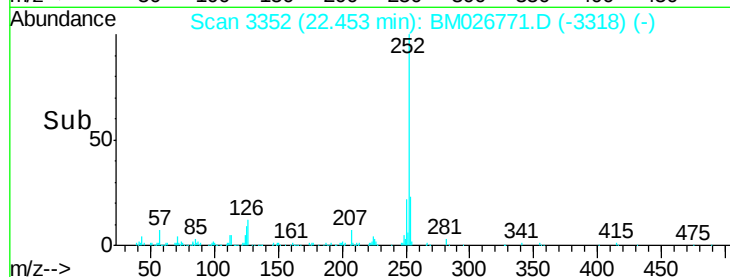
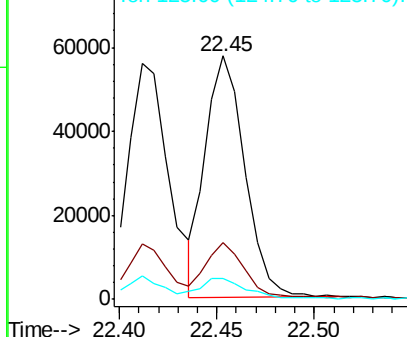


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 4.172 ng/ul

RT: 22.92 min Scan# 3432

Delta R.T. -0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

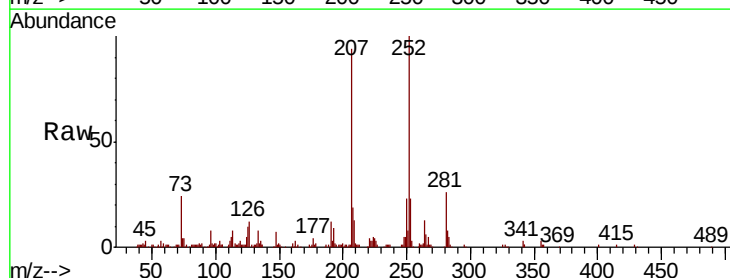
Tgt Ion:252 Resp: 85387

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

125 10.3 7.5 11.3

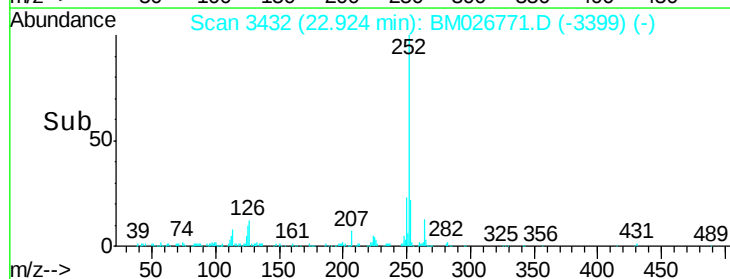
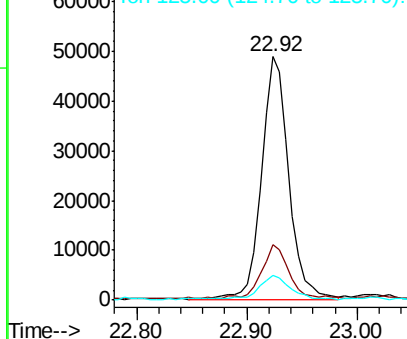


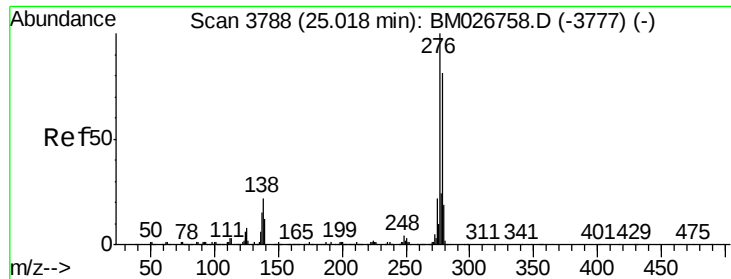
Abundance

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



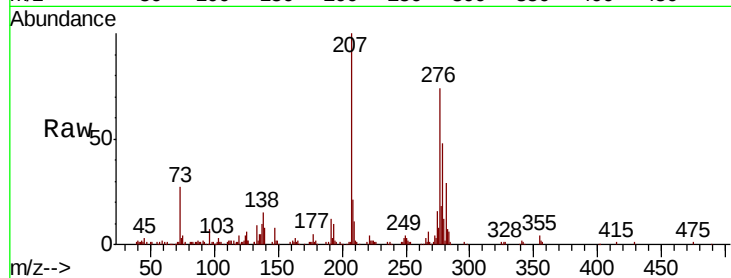


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.429 ng/ul
RT: 25.01 min Scan# 3787
Delta R.T. -0.00 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.2	27.4
277	24.4	19.5	29.3

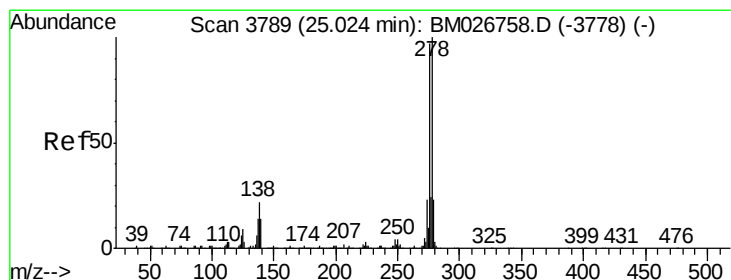
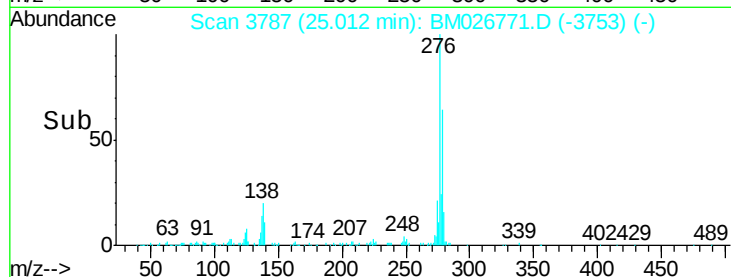
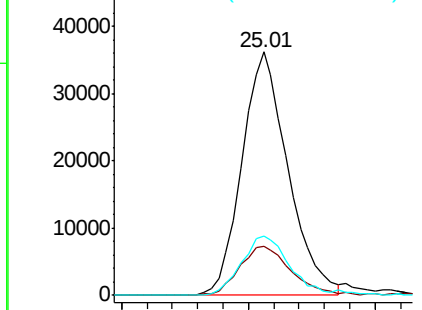


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

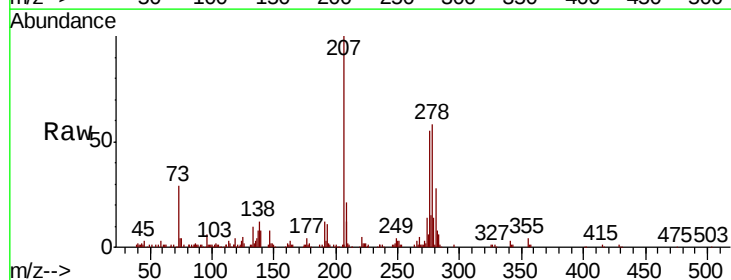
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 3.485 ng/ul
RT: 25.02 min Scan# 3789
Delta R.T. 0.01 min
Lab File: BM026771.D
Acq: 15 Jul 2020 11:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.4	17.2
279	24.9	18.6	28.0

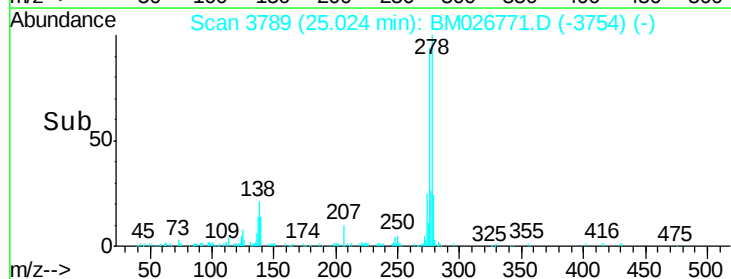
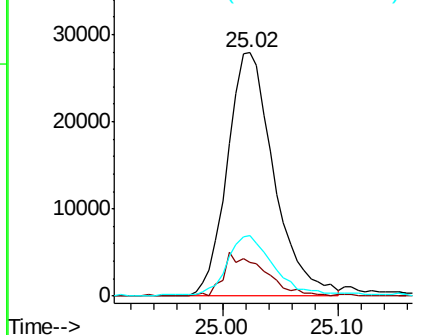


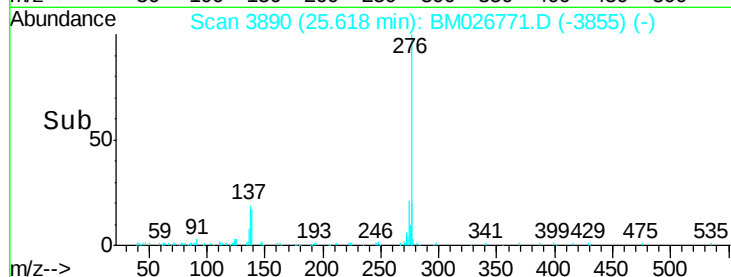
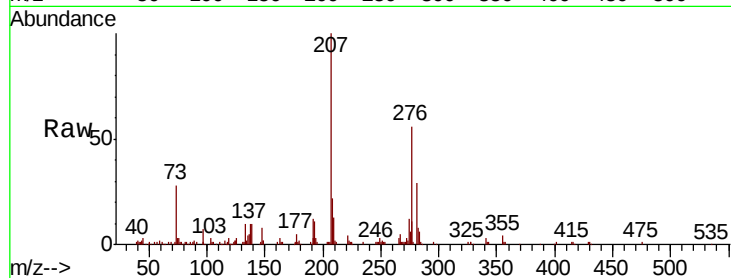
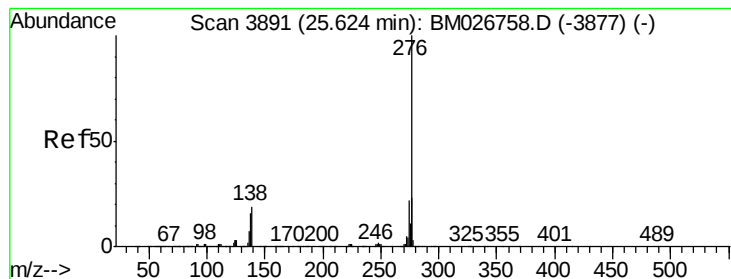
Abundance

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





#94

Benzo(a,h,i)perylene

Concen: 3.516 ng/ul

RT: 25.62 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM026771.D

Acq: 15 Jul 2020 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-05

Tot Ion:276 Resp: 78347

Ion Ratio Lower Upper

276 100

138 17.4 15.6 23.4

277 20.5 18.6 27.8

