

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026760.D
 Acq On : 14 Jul 2020 20:13
 Operator : JU/CG
 Sample : L1955-15
 Misc : MDL-SOIL-ME-01
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-01

Quant Time: Jul 15 00:25:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 14 10:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	61216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	236484	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	144827	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	296394	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	314516	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	372360	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	3109	1.53	ng/uL	0.00
5) Phenol-d5	6.52	99	133988	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	96874	25.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	108624	25.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	103661	23.12	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	49285	26.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	54587	27.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	100582	25.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	133336	32.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	308899	26.74	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	369726	26.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	34496	20.69	ng/ul	0.00
58) Fluorene-d10	14.98	176	258396	25.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	43529	23.51	ng/ul	0.00
71) Anthracene-d10	16.83	188	399500	27.37	ng/ul	0.00
79) Pyrene-d10	19.14	212	456444	27.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	510585	25.41	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.94	88	3151	1.429	ng/uL 93
4) Benzaldehyde	6.48	77	9415	3.162	ng/ul 94
6) Phenol	6.55	94	21438	3.478	ng/ul 90
8) Bis(2-Chloroethyl)ether	6.76	93	16991	3.620	ng/ul 97
10) 2-Chlorophenol	6.88	128	17121	3.605	ng/ul 94
11) 2-Methylphenol	7.78	108	13869	3.149	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	7.84	45	21592	2.372	ng/ul 98
14) Acetophenone	8.14	105	25272	3.327	ng/ul# 94
15) N-Nitroso-di-n-propylamine	8.12	70	14626	3.259	ng/ul# 83
16) 4-Methylphenol	8.10	108	15906	3.249	ng/ul 98
17) Hexachloroethane	8.35	117	7147	3.396	ng/ul 93
20) Nitrobenzene	8.50	77	22897	3.882	ng/ul 98
21) Isophorone	9.02	82	36494	3.681	ng/ul 99
23) 2-Nitrophenol	9.20	139	7972	3.455	ng/ul 93
24) 2,4-Dimethylphenol	9.29	107	16970	3.194	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.51	93	21628	3.669	ng/ul 92
27) 2,4-Dichlorophenol	9.74	162	15535	3.850	ng/ul 93
28) Naphthalene	10.11	128	50153	3.583	ng/ul 99
30) 4-Chloroaniline	10.25	127	19336	4.425	ng/ul 99
31) Hexachlorobutadiene	10.40	225	11471	3.922	ng/ul 97
32) Caprolactam	11.06	113	1750	1.570	ng/ul 87
33) 4-Chloro-3-methylphenol	11.40	107	15261	3.324	ng/ul 99
34) 2-Methylnaphthalene	11.74	142	33802	3.447	ng/ul 97

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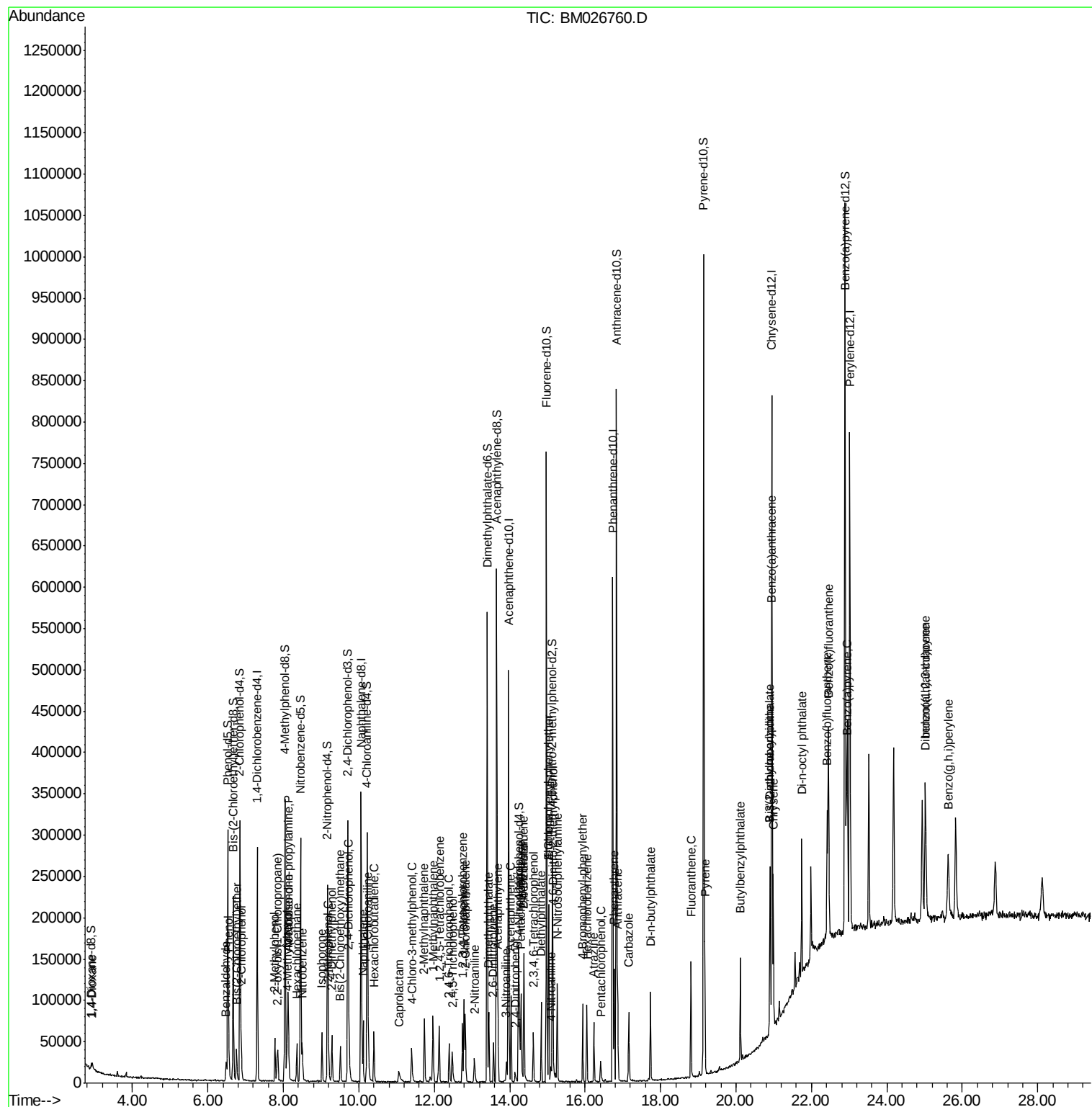
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.97	142	33741	3.692	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.13	216	19374	3.680	ng/ul	98
39) 2,4,6-Trichlorophenol	12.40	196	9846	3.168	ng/ul	87
40) 2,4,5-Trichlorophenol	12.48	196	10100	2.972	ng/ul	90
41) 1,1'-Biphenyl	12.79	154	44891	3.581	ng/ul	97
42) 2-Chloronaphthalene	12.82	162	33786	3.424	ng/ul	96
43) 2-Nitroaniline	13.06	65	10271	3.096	ng/ul	93
45) Dimethylphthalate	13.45	163	44735	3.700	ng/ul	99
46) 2,6-Dinitrotoluene	13.57	165	6833	2.924	ng/ul#	72
48) Acenaphthylene	13.68	152	54010	3.613	ng/ul	98
49) 3-Nitroaniline	13.92	138	5171	2.662	ng/ul#	91
50) Acenaphthene	14.04	153	37292	3.529	ng/ul	99
51) 2,4-Dinitrophenol	14.15	184	2555	2.104	ng/ul	92
53) 4-Nitrophenol	14.25	109	5588	3.256	ng/ul	91
54) Dibenzofuran	14.38	168	53977	3.600	ng/ul	96
55) 2,4-Dinitrotoluene	14.38	165	10903	3.137	ng/ul#	61
56) 2,3,4,6-Tetrachlorophenol	14.62	232	9742	3.330	ng/ul#	84
57) Diethylphthalate	14.84	149	44380	3.652	ng/ul	98
59) Fluorene	15.04	166	43680	3.566	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.04	204	22754	3.574	ng/ul	97
61) 4-Nitroaniline	15.09	138	4020	1.830	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.15	198	7169	3.655	ng/ul#	84
65) N-Nitrosodiphenylamine	15.26	169	36101	3.643	ng/ul	96
66) 4-Bromophenyl-phenylether	15.94	248	13433	3.759	ng/ul	87
67) Hexachlorobenzene	16.04	284	15834	3.889	ng/ul	98
68) Atrazine	16.24	200	13187	4.084	ng/ul	98
69) Pentachlorophenol	16.41	266	4568	2.275	ng/ul#	84
70) Phenanthrene	16.77	178	68442	3.708	ng/ul	97
72) Anthracene	16.87	178	69240	3.718	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	19185	3.754	ng/uL	99
74) Pentachlorobenzene	14.30	250	19080	3.898	ng/uL	97
75) Carbazole	17.15	167	54896	3.682	ng/ul	98
76) Di-n-butylphthalate	17.73	149	67223	3.726	ng/ul	98
77) Fluoranthene	18.81	202	78427	4.108	ng/ul	98
80) Pvrene	19.17	202	86041	3.860	ng/ul	97
81) Butylbenzylphthalate	20.11	149	28832	3.646	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.89	252	18644	2.941	ng/ul#	98
83) Benzo(a)anthracene	20.94	228	86052	3.975	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.91	149	43076	3.658	ng/ul	96
85) Chrysene	20.99	228	83624	3.893	ng/ul	98
87) Di-n-octyl phthalate	21.75	149	74905	3.265	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	87397	3.455	ng/ul	97
89) Benzo(k)fluoranthene	22.46	252	89946	3.588	ng/ul	98
91) Benzo(a)pyrene	22.93	252	89802	4.002	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	100779	3.442	ng/ul	99
93) Dibenzo(a,h)anthracene	25.03	278	85846	3.480	ng/ul	96
94) Benzo(g,h,i)perylene	25.62	276	87005	3.562	ng/ul	99

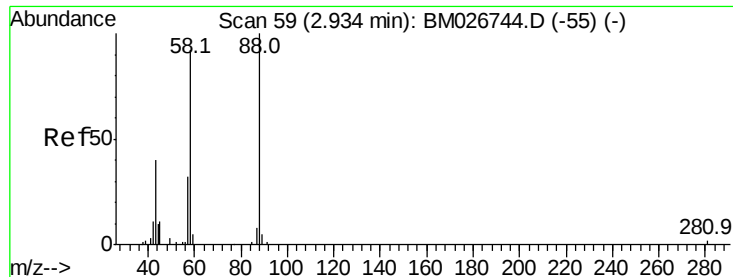
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.429 ng/uL

RT: 2.94 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

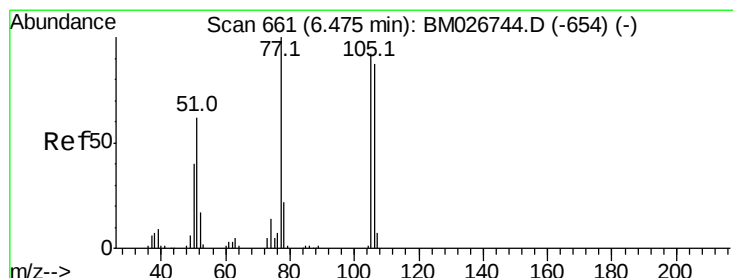
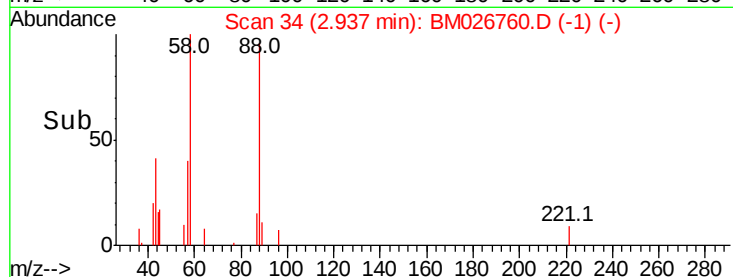
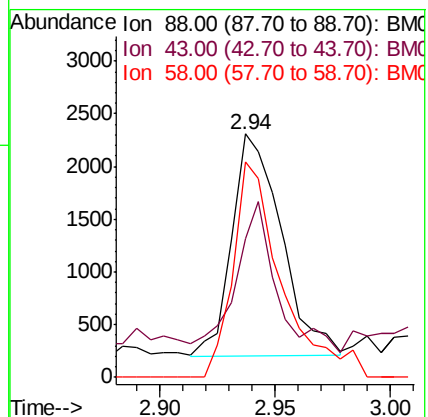
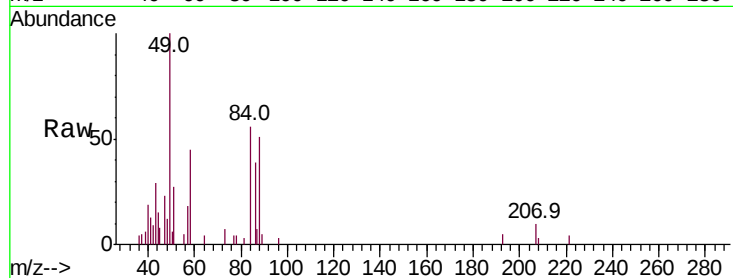
Tot Ion: 88 Resp: 3151

Ion Ratio Lower Upper

88 100

43 56.7 38.2 57.2

58 88.7 68.9 103.3



#4

Benzaldehyde

Concen: 3.162 ng/uL

RT: 6.48 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

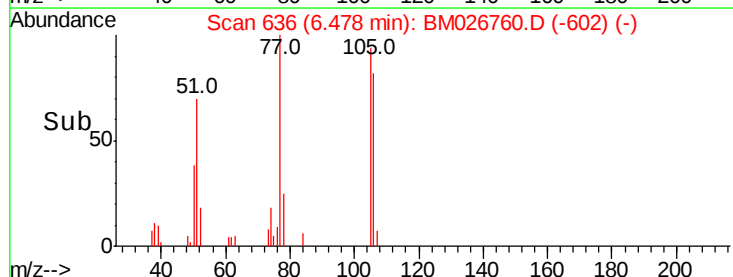
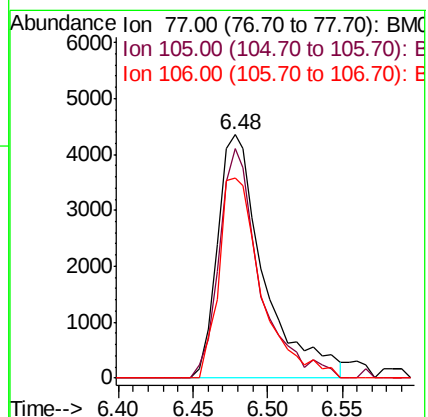
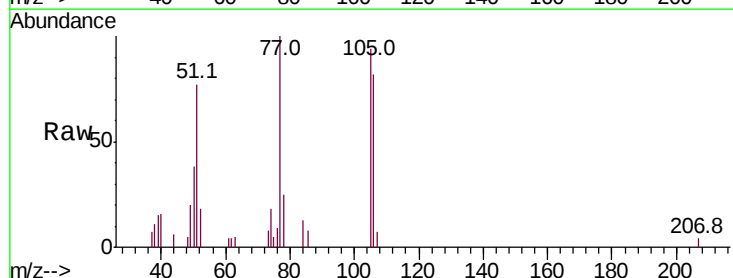
Tgt Ion: 77 Resp: 9415

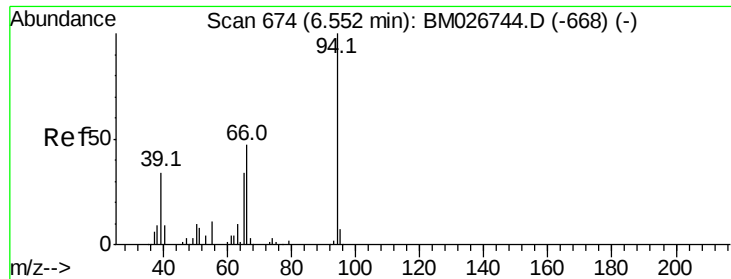
Ion Ratio Lower Upper

77 100

105 94.2 67.5 101.3

106 82.0 66.2 99.4





#6

Phenol

Concen: 3.478 ng/ul

RT: 6.55 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

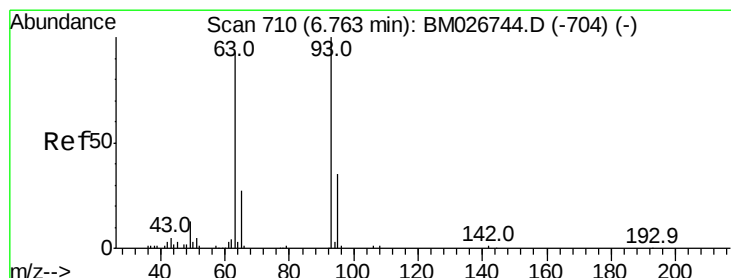
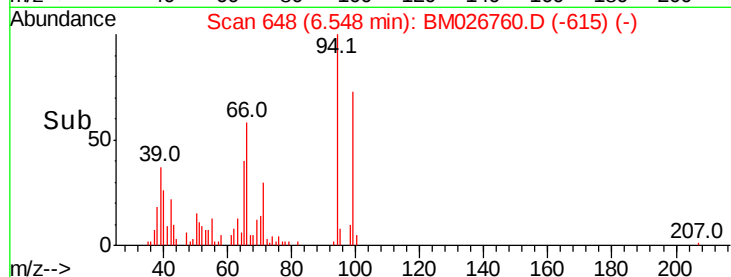
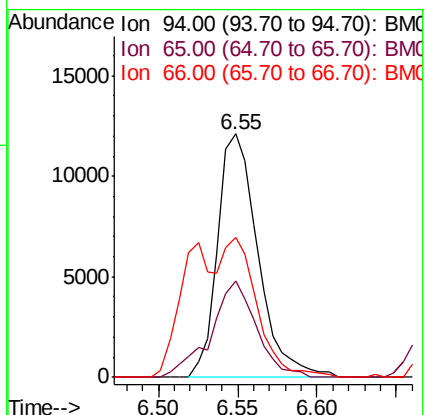
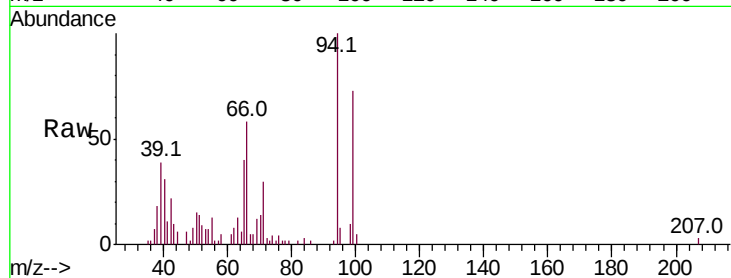
Tot Ion: 94 Resp: 21438

Ion Ratio Lower Upper

94 100

65 39.7 27.8 41.8

66 57.6 39.9 59.9



#8

Bis(2-Chloroethyl)ether

Concen: 3.620 ng/ul

RT: 6.76 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

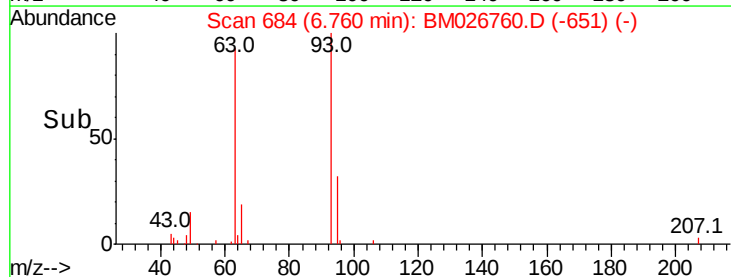
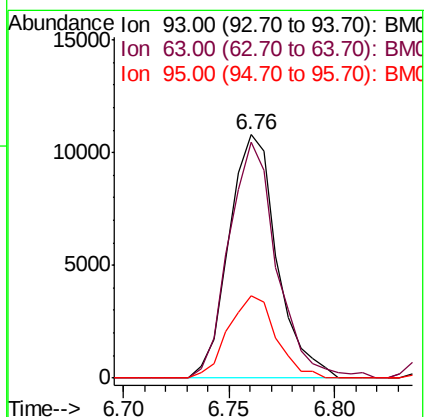
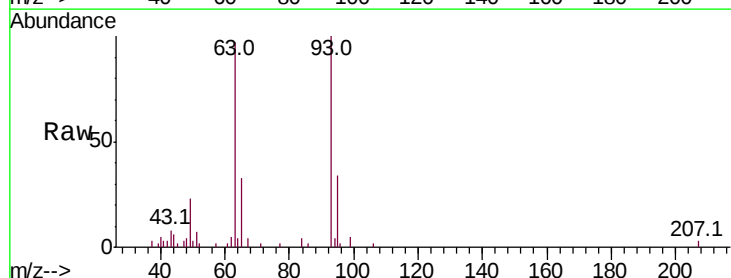
Tgt Ion: 93 Resp: 16991

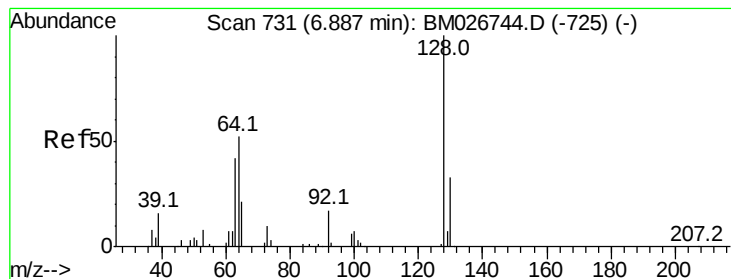
Ion Ratio Lower Upper

93 100

63 96.6 75.5 113.3

95 33.6 25.2 37.8





#10

2-Chlorophenol

Concen: 3.605 ng/ul

RT: 6.88 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

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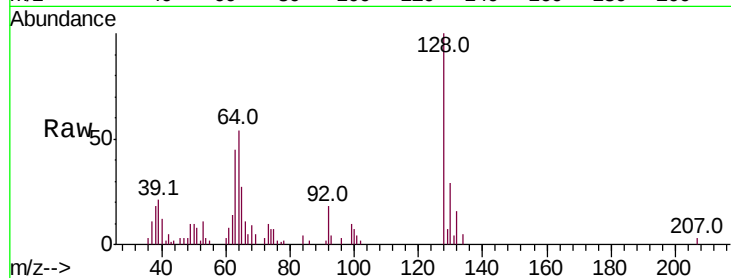
Tot Ion:128 Resp: 17121

Ion Ratio Lower Upper

128 100

64 54.3 47.4 71.2

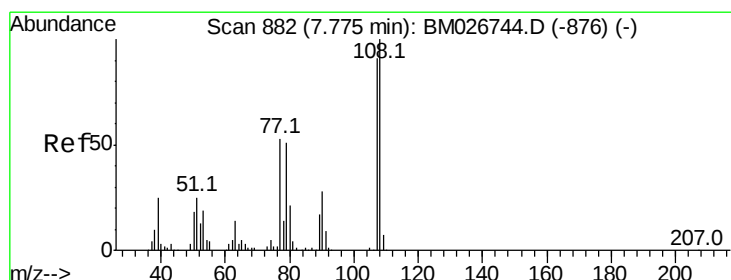
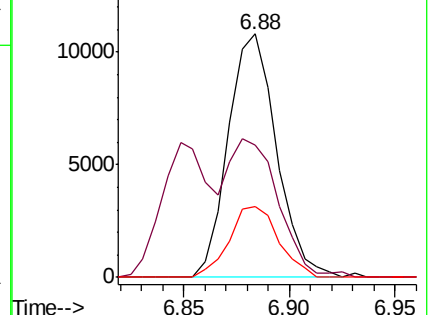
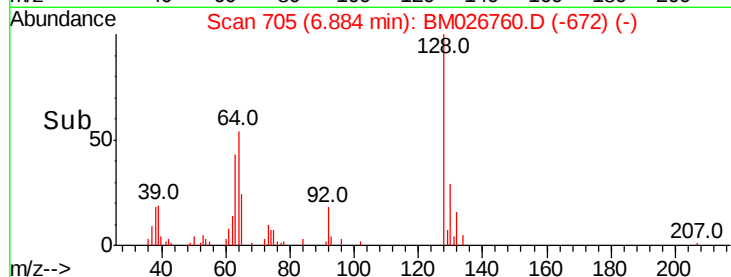
130 28.9 25.8 38.6



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: 3.149 ng/ul

RT: 7.78 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM026760.D

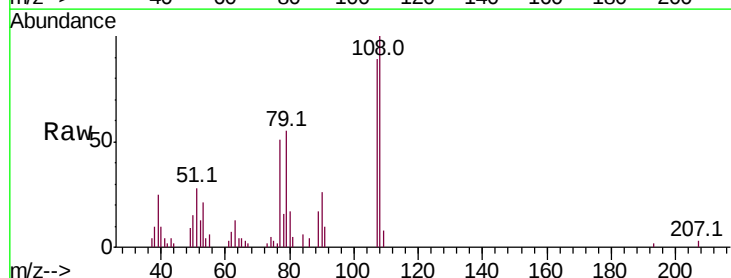
Acq: 14 Jul 2020 20:13

Tgt Ion:108 Resp: 13869

Ion Ratio Lower Upper

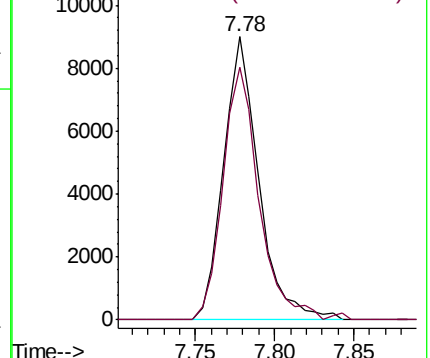
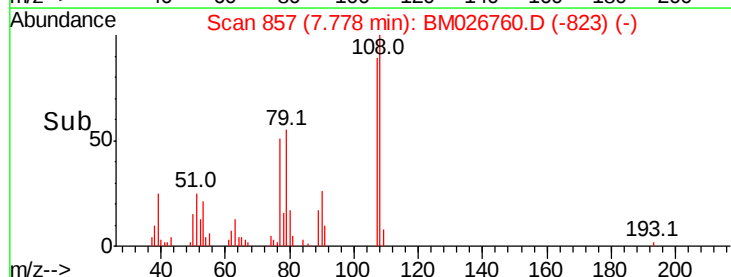
108 100

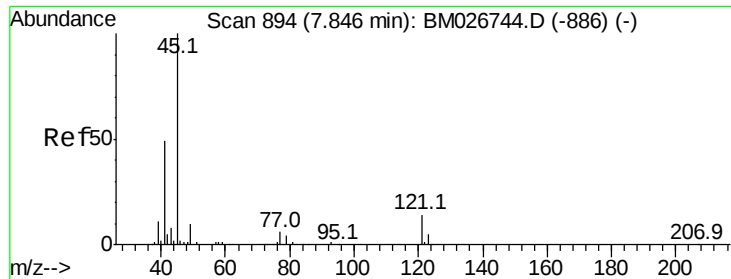
107 89.0 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

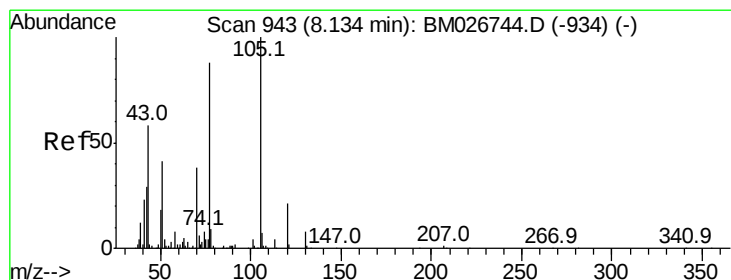
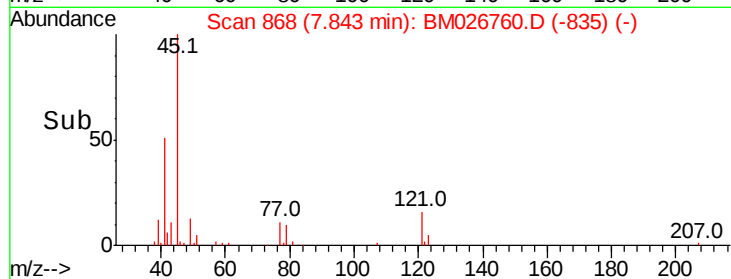
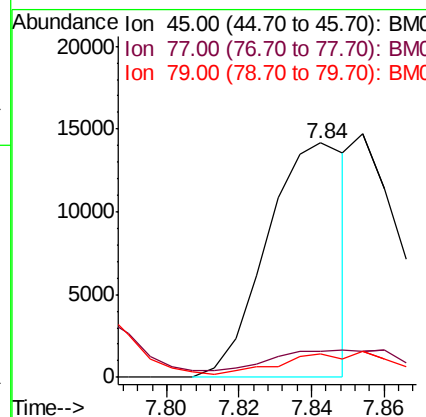
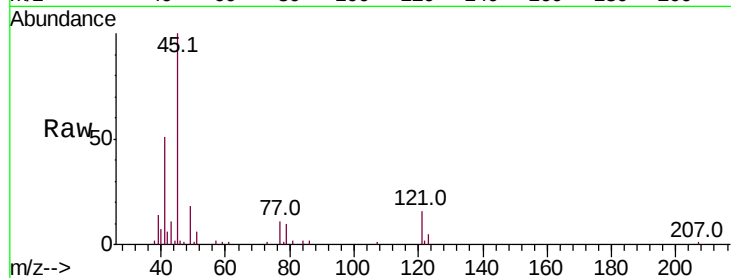




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 2.372 ng/ul
RT: 7.84 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

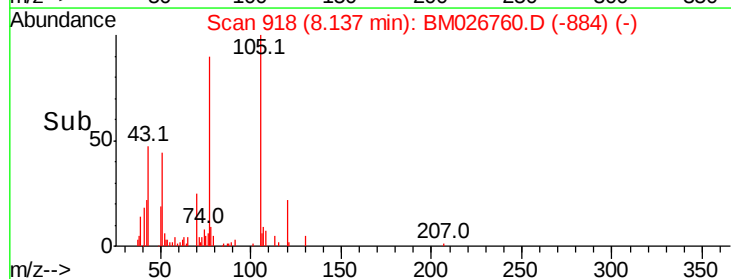
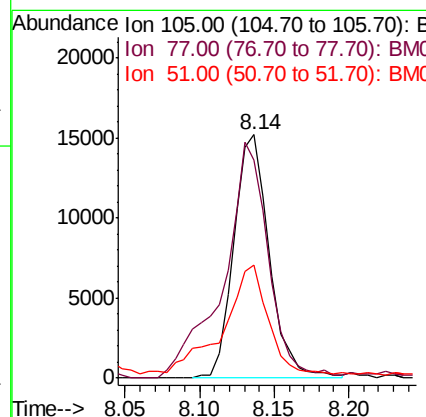
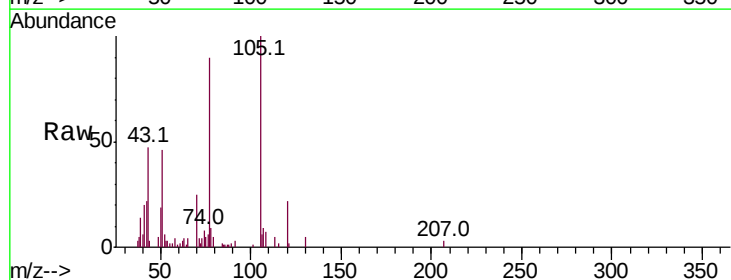
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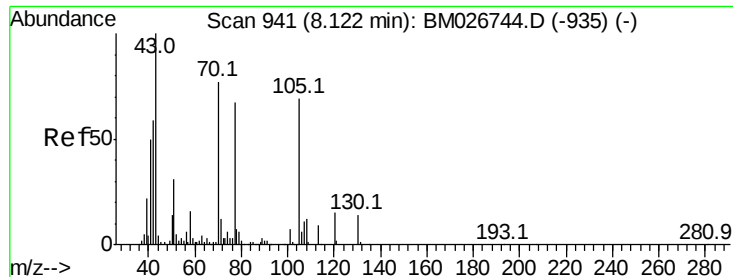
Tot Ion: 45 Resp: 21592
Ion Ratio Lower Upper
45 100
77 11.3 8.8 13.2
79 10.2 7.0 10.6



#14
Acetophenone
Concen: 3.327 ng/ul
RT: 8.14 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion:105 Resp: 25272
Ion Ratio Lower Upper
105 100
77 89.6 69.8 104.6
51 46.4 30.5 45.7#





#15

N-Nitroso-di-n-propylamine

Concen: 3.259 ng/ul

RT: 8.12 min Scan# 916

Delta R.T. 0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

Tot Ion: 70 Resp: 14626

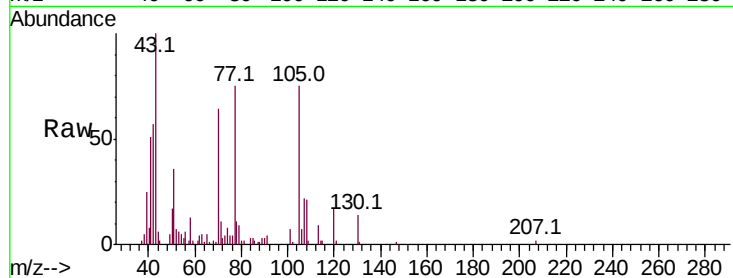
Ion Ratio Lower Upper

70 100

42 89.2 58.5 87.7#

101 10.7 7.0 10.4#

130 22.2 13.2 19.8#

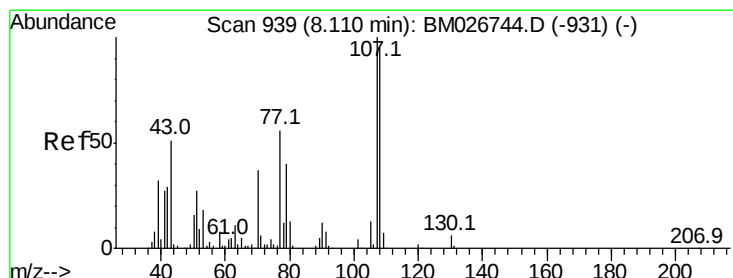
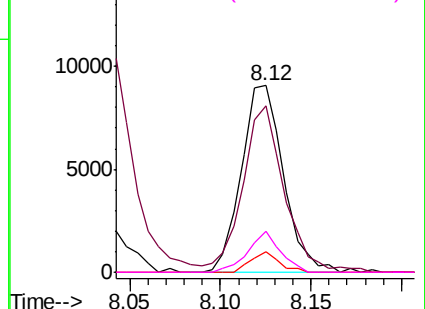
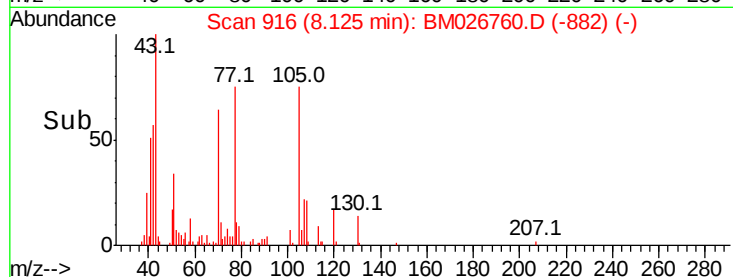


Abundance Ion 70.00 (69.70 to 70.70): BM026760.D (-882) (-)

Ion 42.00 (41.70 to 42.70): BM026760.D (-882) (-)

Ion 101.00 (100.70 to 101.70): BM026760.D (-882) (-)

Ion 130.00 (129.70 to 130.70): BM026760.D (-882) (-)



#16

4-Methylphenol

Concen: 3.249 ng/ul

RT: 8.10 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM026760.D

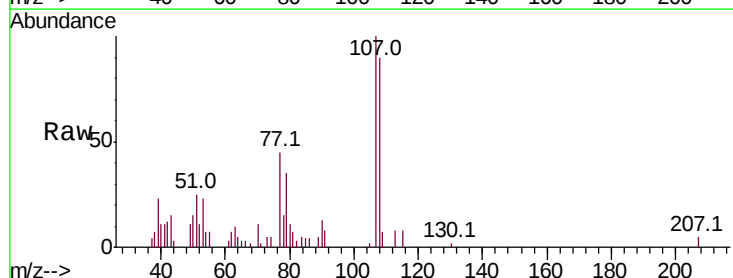
Acq: 14 Jul 2020 20:13

Tgt Ion:108 Resp: 15906

Ion Ratio Lower Upper

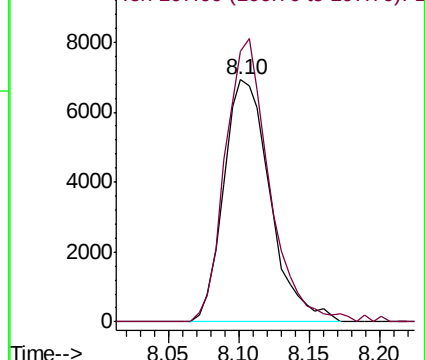
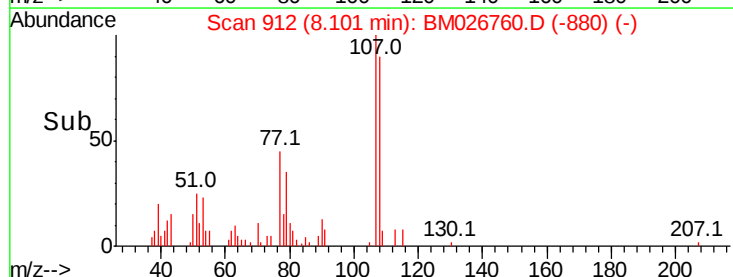
108 100

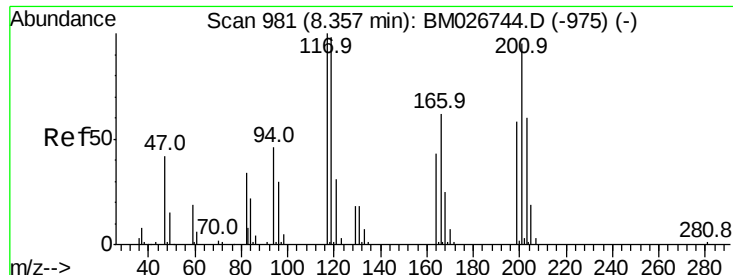
107 111.7 87.4 131.2



Abundance Ion 108.00 (107.70 to 108.70): BM026760.D (-880) (-)

Ion 107.00 (106.70 to 107.70): BM026760.D (-880) (-)





#17

Hexachloroethane

Concen: 3.396 ng/ul

RT: 8.35 min Scan# 955

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

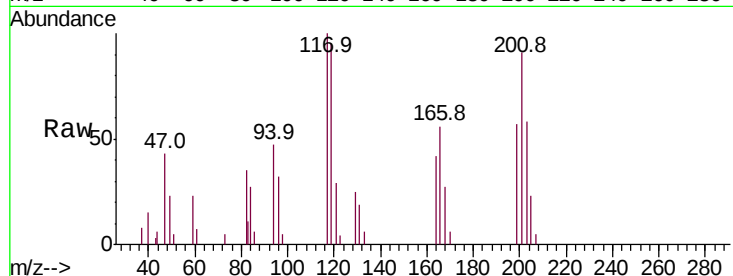
Tot Ion:117 Resp: 7147

Ion Ratio Lower Upper

117 100

201 91.2 77.0 115.6

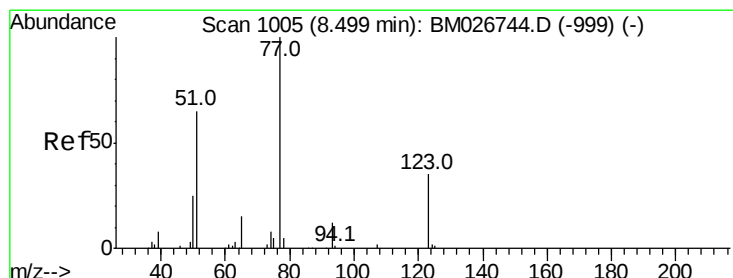
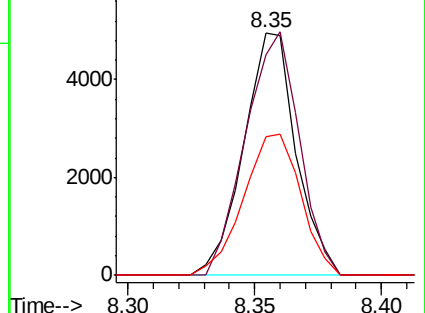
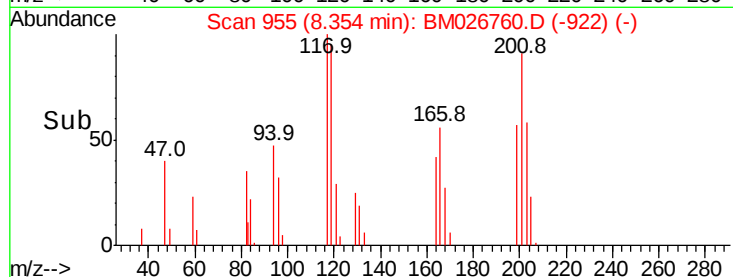
199 57.0 51.1 76.7



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: 3.882 ng/ul

RT: 8.50 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

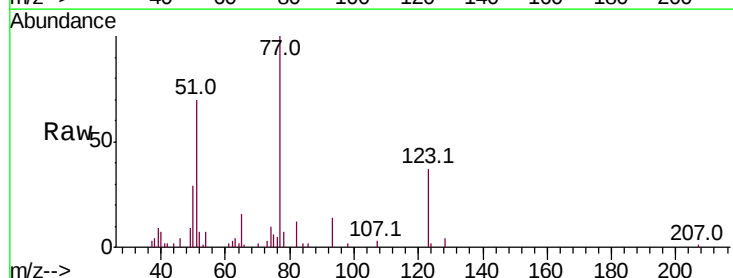
Tgt Ion: 77 Resp: 22897

Ion Ratio Lower Upper

77 100

123 36.6 29.8 44.8

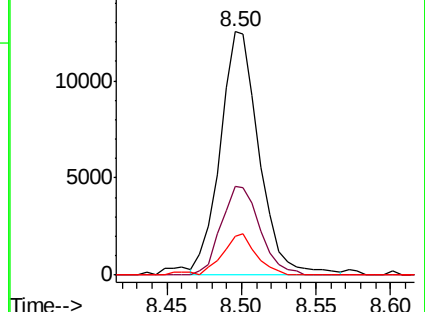
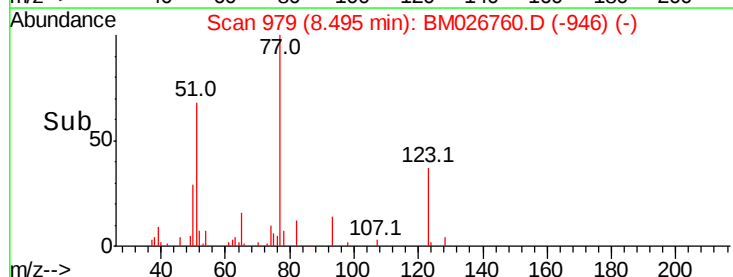
65 16.0 11.8 17.6

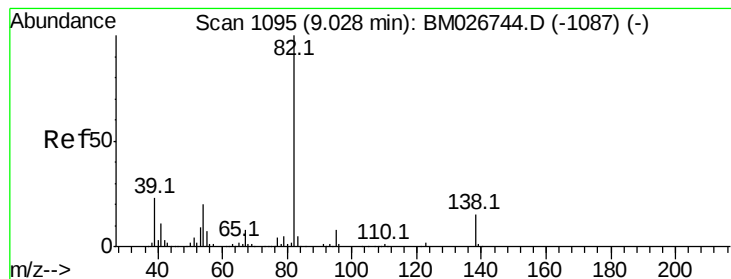


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 3.681 ng/ul

RT: 9.02 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

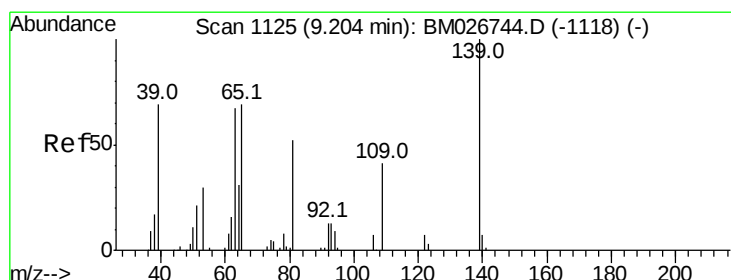
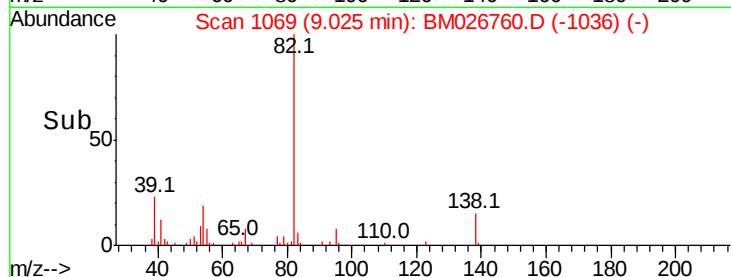
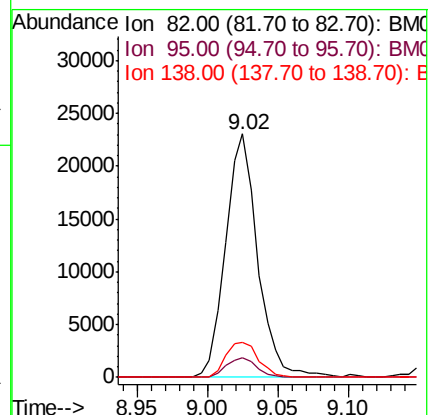
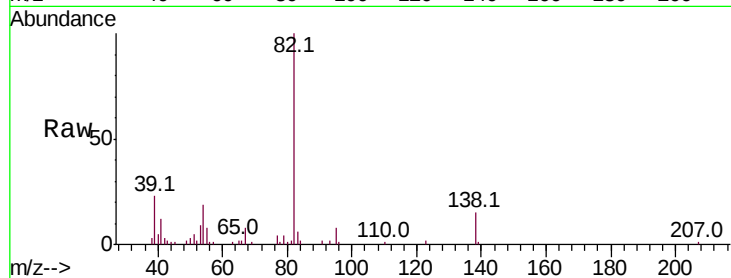
Tot Ion: 82 Resp: 36494

Ion Ratio Lower Upper

82 100

95 8.3 6.4 9.6

138 14.6 12.2 18.4



#23

2-Nitrophenol

Concen: 3.455 ng/ul

RT: 9.20 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

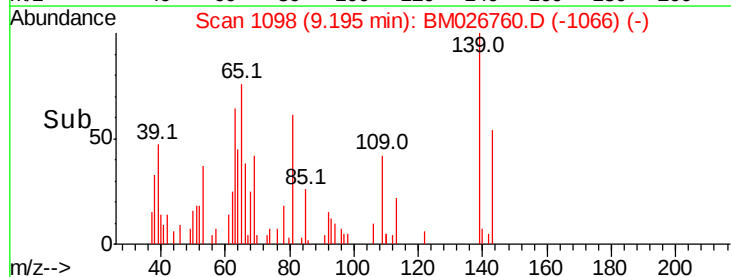
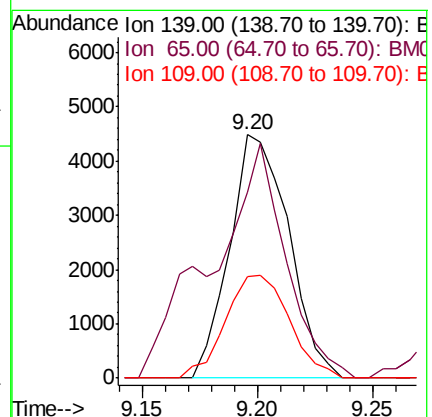
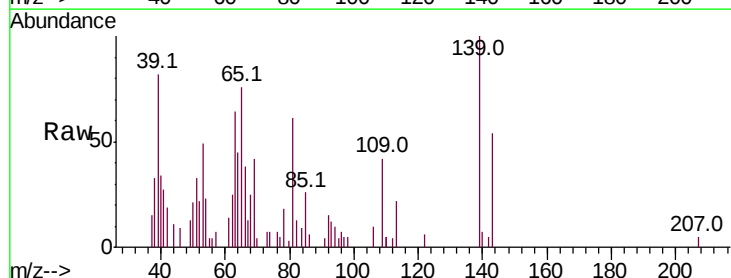
Tgt Ion: 139 Resp: 7972

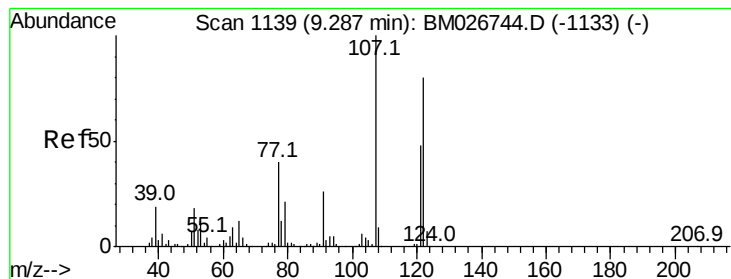
Ion Ratio Lower Upper

139 100

65 76.1 55.0 82.6

109 41.7 31.4 47.2





#24

2,4-Dimethylphenol

Concen: 3.194 ng/ul

RT: 9.29 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

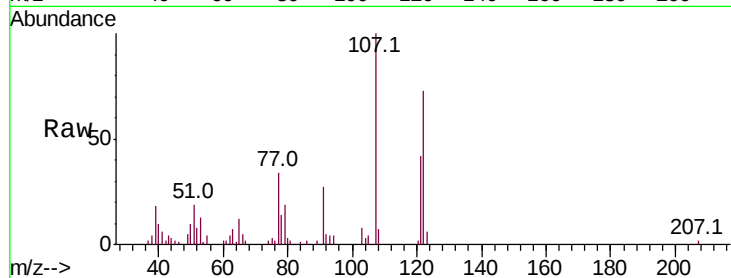
Tot Ion:107 Resp: 16970

Ion Ratio Lower Upper

107 100

121 42.3 38.1 57.1

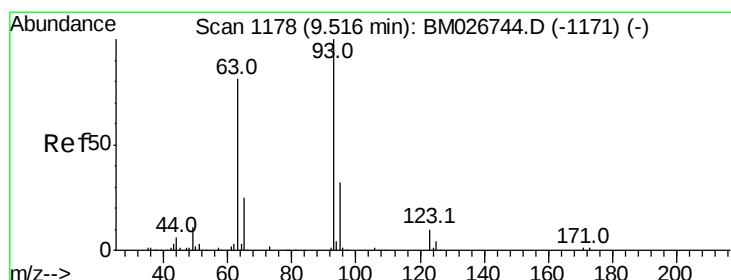
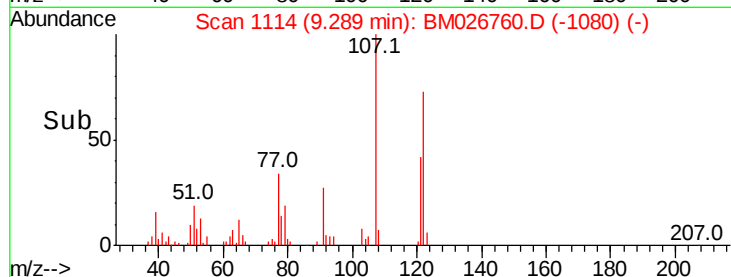
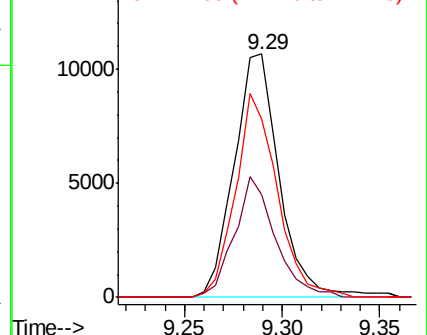
122 73.3 62.7 94.1



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: 3.669 ng/ul

RT: 9.51 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

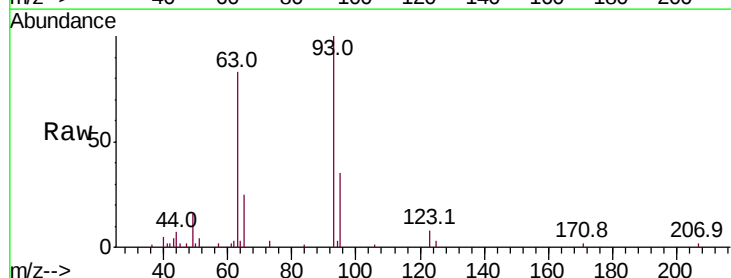
Tgt Ion: 93 Resp: 21628

Ion Ratio Lower Upper

93 100

95 35.2 24.4 36.6

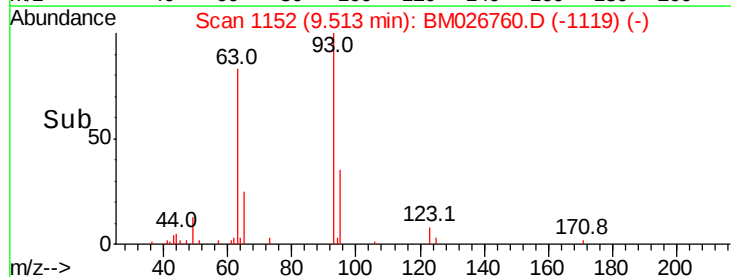
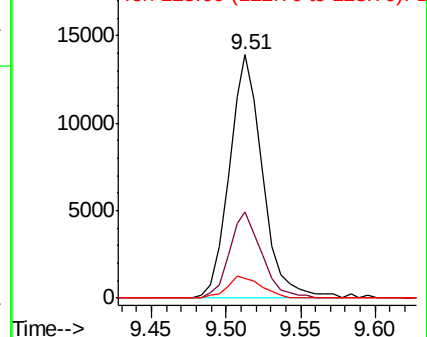
123 8.3 8.0 12.0

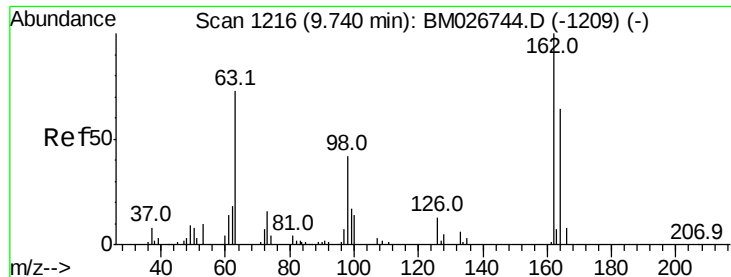


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

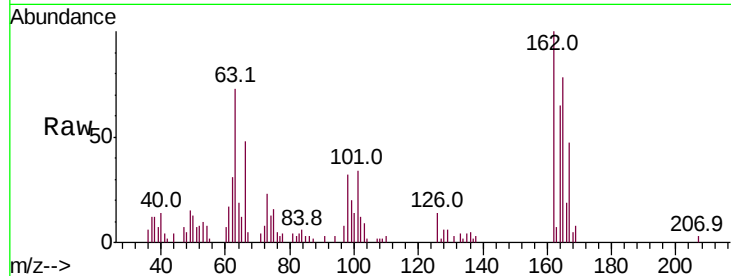




#27
2,4-Dichlorophenol
Concen: 3.850 ng/ul
RT: 9.74 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	55.0	82.6
98	32.4	31.9	47.9

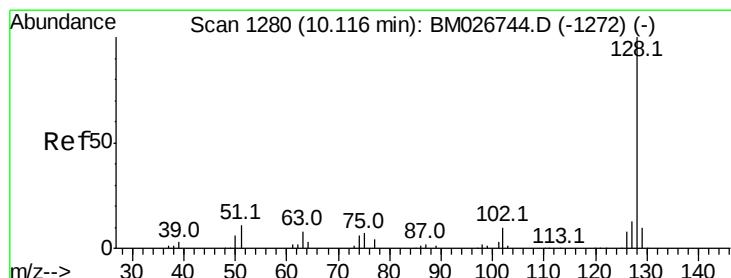
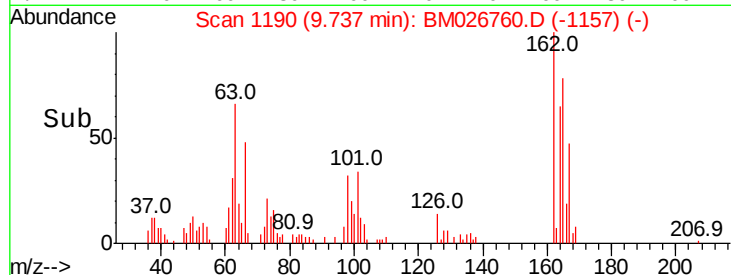
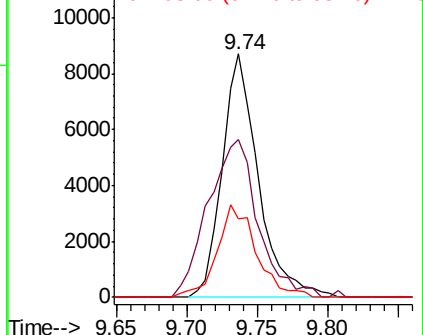


Abundance

Ion 162.00 (161.70 to 162.70): E

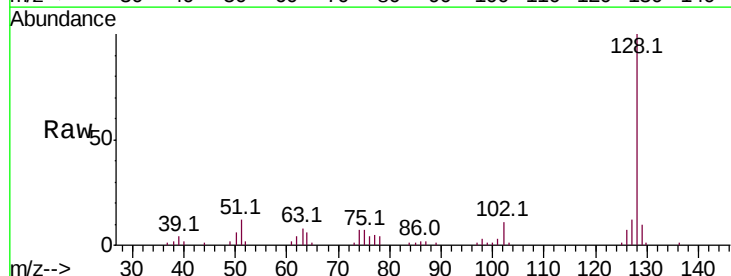
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28
Naphthalene
Concen: 3.583 ng/ul
RT: 10.11 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	12.4	10.6	15.8

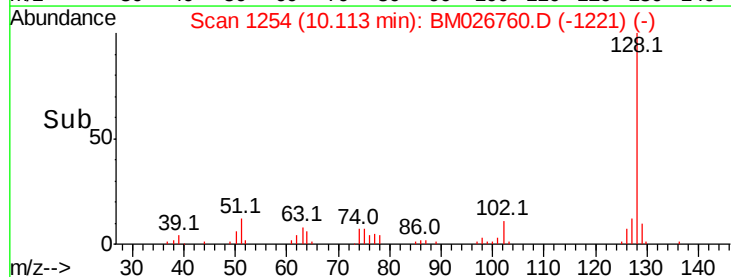
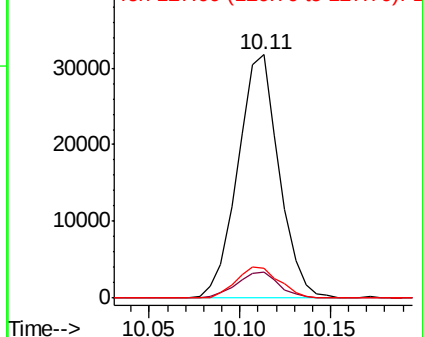


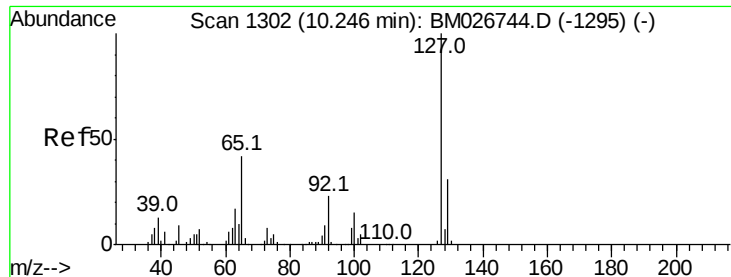
Abundance

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

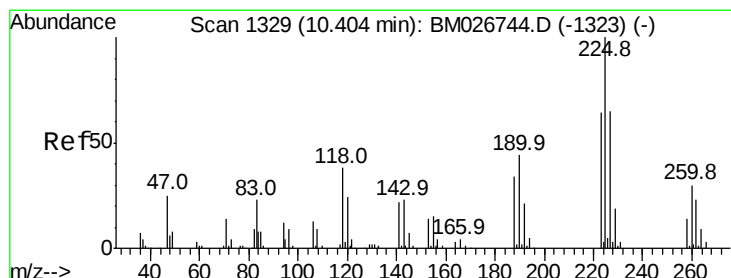
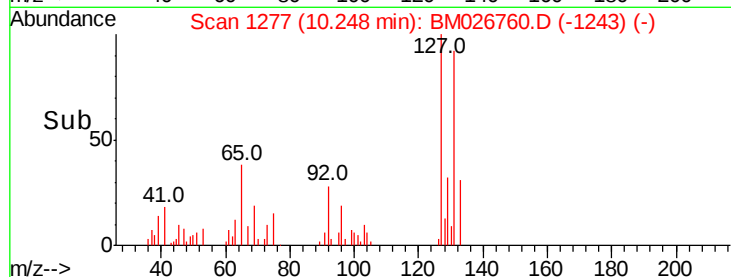
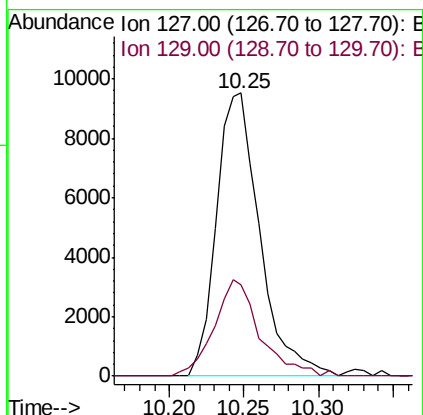
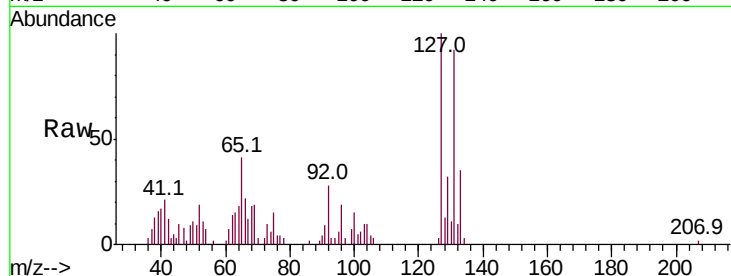




#30
4-Chloroaniline
Concen: 4.425 ng/ul
RT: 10.25 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

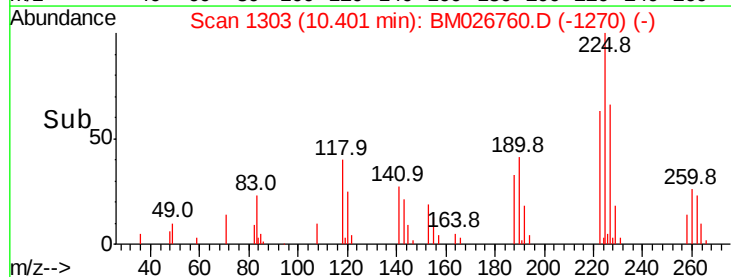
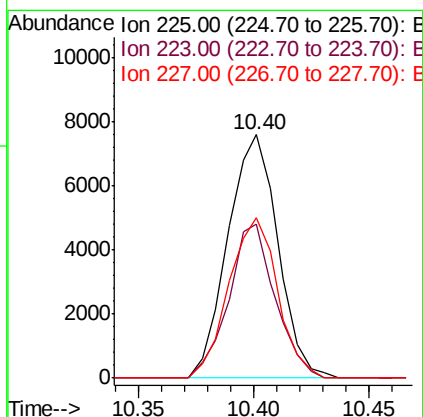
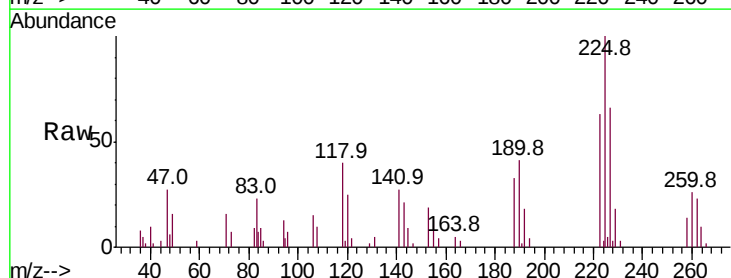
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

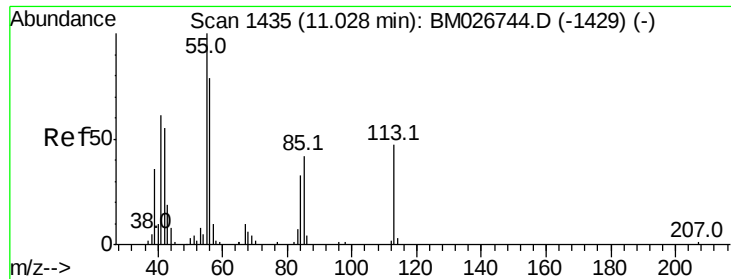
Tot Ion:127 Resp: 19336
Ion Ratio Lower Upper
127 100
129 32.2 25.3 37.9



#31
Hexachlorobutadiene
Concen: 3.922 ng/ul
RT: 10.40 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion:225 Resp: 11471
Ion Ratio Lower Upper
225 100
223 63.1 49.7 74.5
227 66.0 50.4 75.6





#32

Caprolactam

Concen: 1.570 ng/ul

RT: 11.06 min Scan# 1415

Delta R.T. 0.03 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

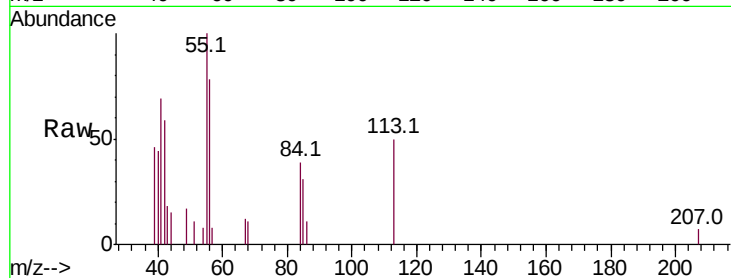
Tot Ion:113 Resp: 1750

Ion Ratio Lower Upper

113 100

55 198.5 179.9 269.9

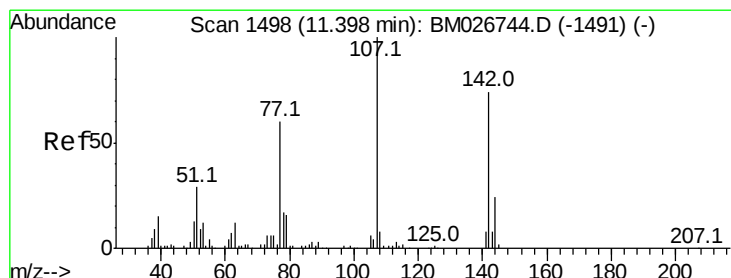
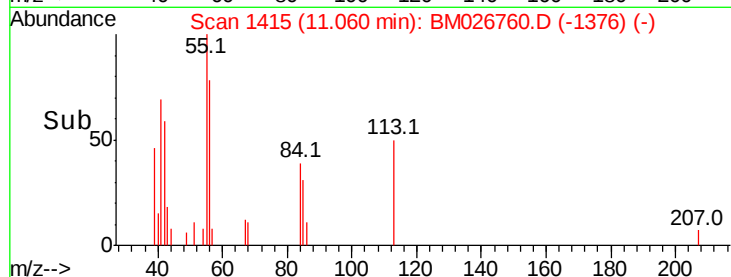
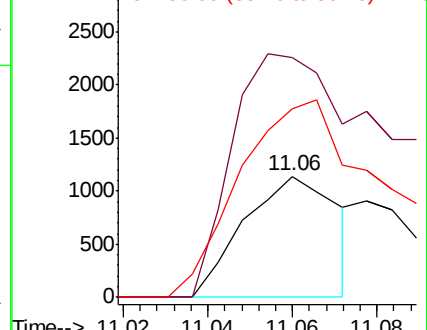
56 155.8 134.9 202.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 3.324 ng/ul

RT: 11.40 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

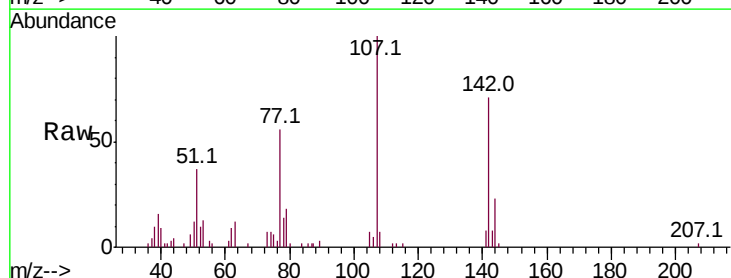
Tgt Ion:107 Resp: 15261

Ion Ratio Lower Upper

107 100

144 23.5 17.9 26.9

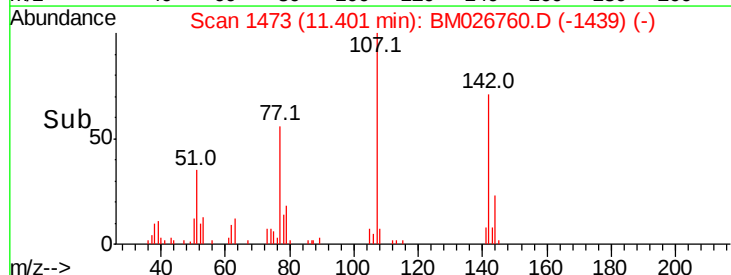
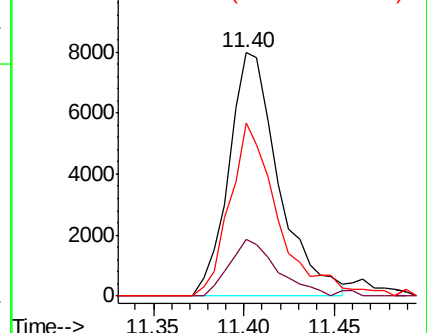
142 71.3 57.0 85.6

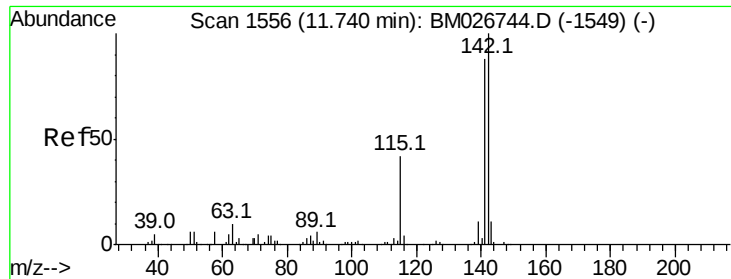


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

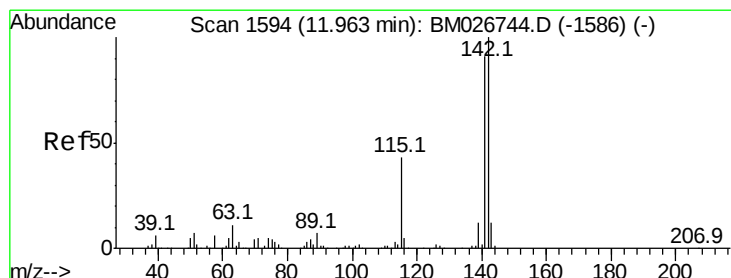
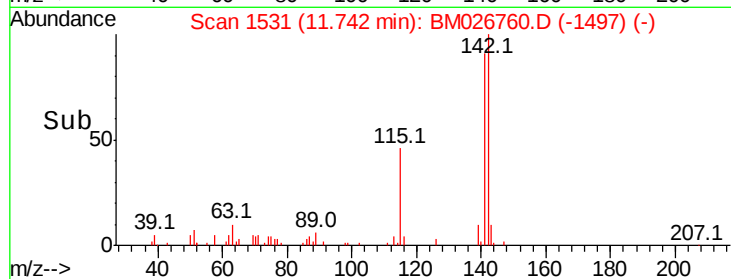
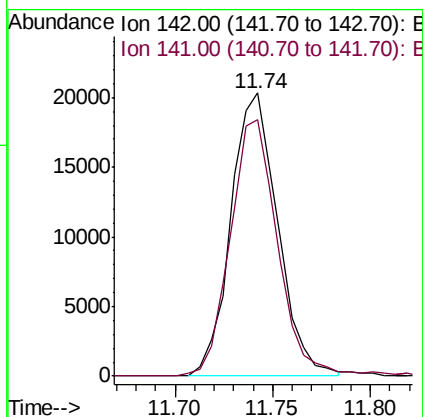
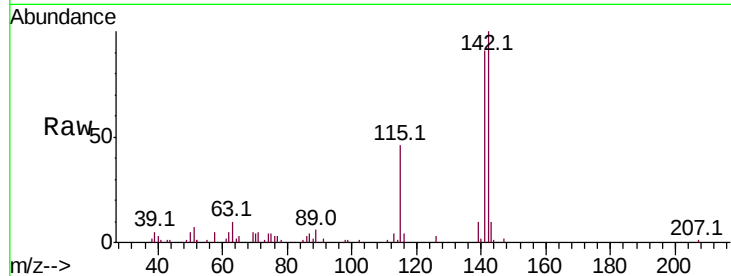




#34
2-Methylnaphthalene
Concen: 3.447 ng/ul
RT: 11.74 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

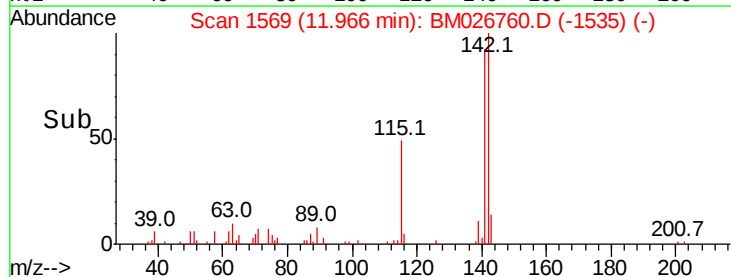
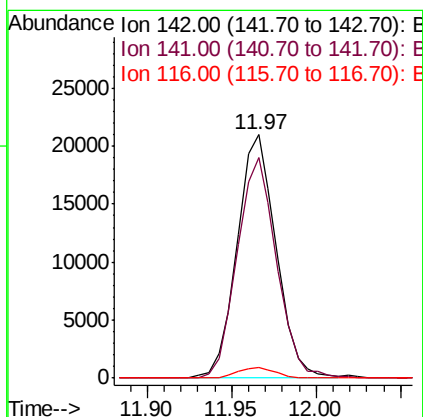
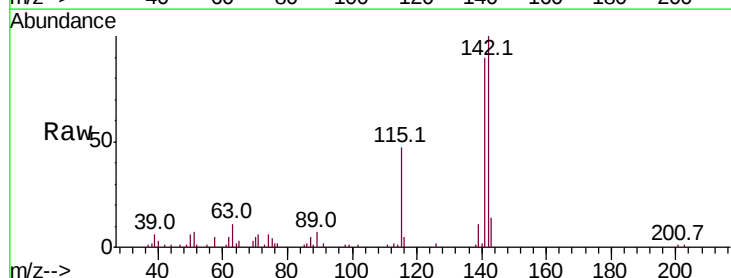
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

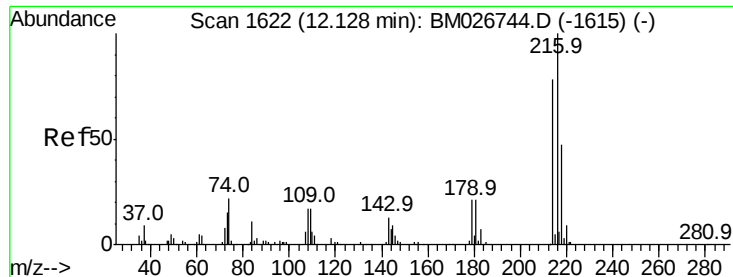
Tot Ion:142 Resp: 33802
Ion Ratio Lower Upper
142 100
141 90.6 69.9 104.9



#35
1-Methylnaphthalene
Concen: 3.692 ng/ul
RT: 11.97 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion:142 Resp: 33741
Ion Ratio Lower Upper
142 100
141 90.5 72.7 109.1
116 4.6 3.7 5.5

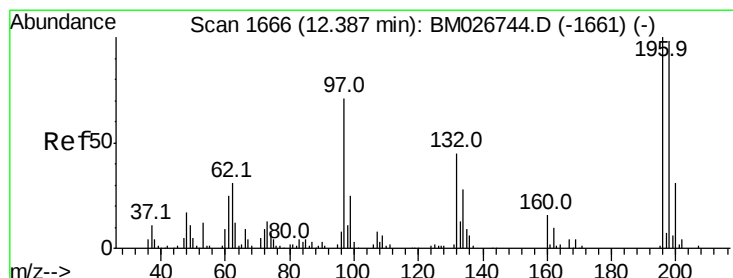
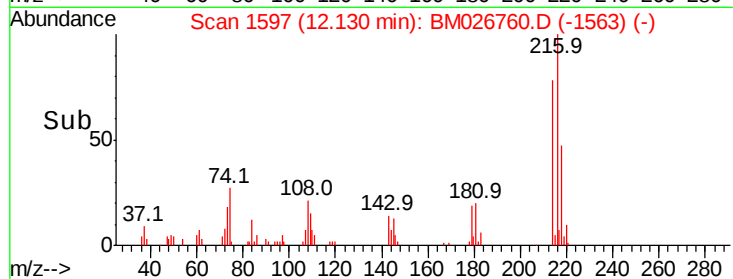
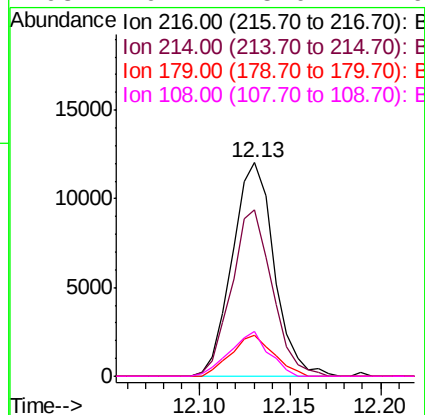
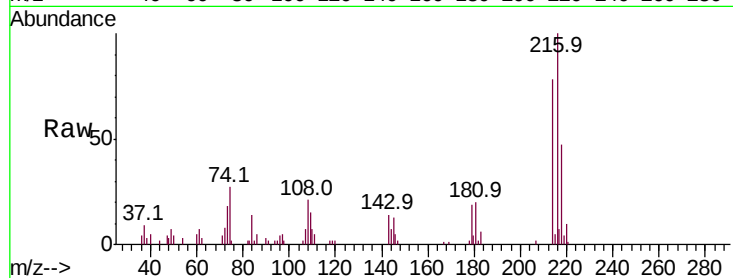




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.680 ng/ul
 RT: 12.13 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

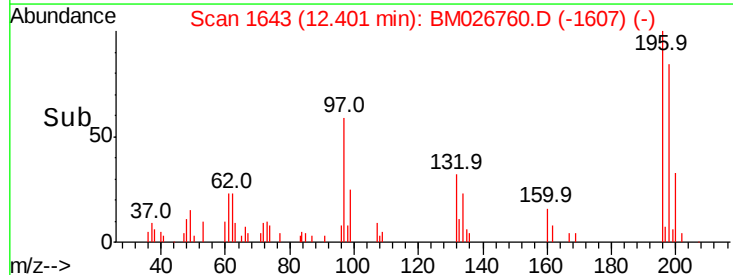
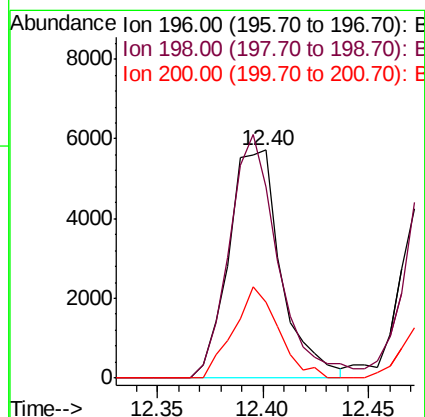
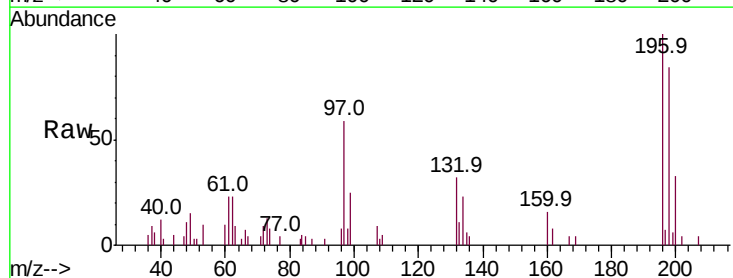
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-01

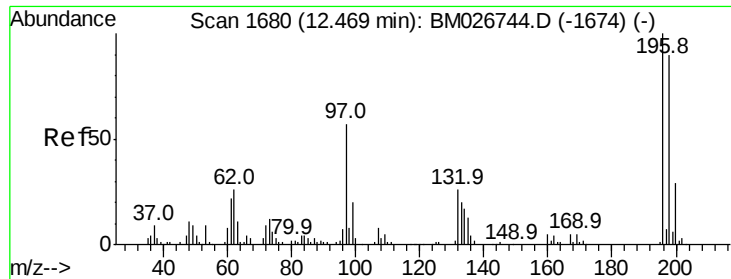
Tot Ion:	216	Resp:	19374
Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.5	92.3
179	23.3	17.4	26.2
108	20.7	15.0	22.6



#39
 2,4,6-Trichlorophenol
 Concen: 3.168 ng/ul
 RT: 12.40 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Tgt Ion:	196	Resp:	9846
Ion	Ratio	Lower	Upper
196	100		
198	83.6	79.8	119.6
200	33.1	25.2	37.8

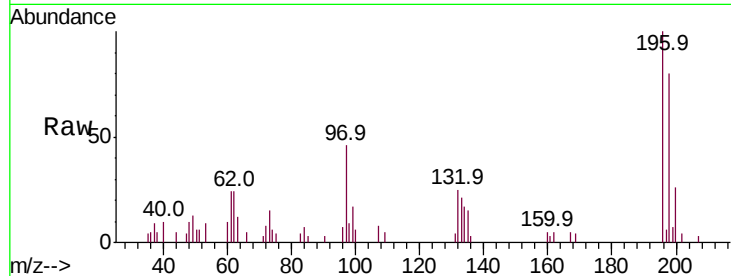




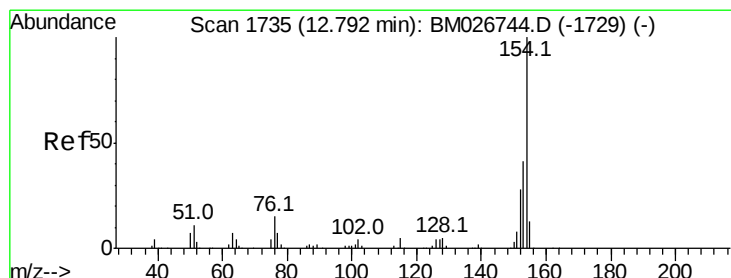
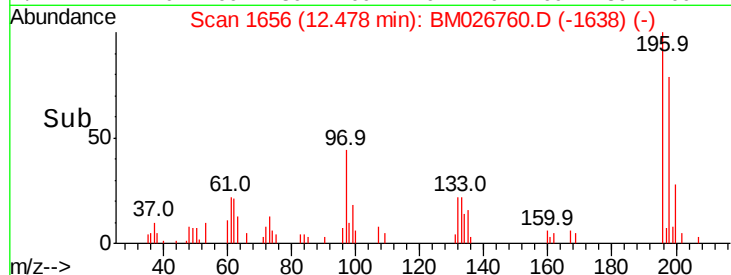
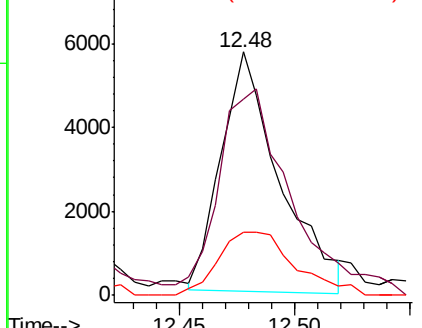
#40
 2,4,5-Trichlorophenol
 Concen: 2.972 ng/ul
 RT: 12.48 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-01

Tot Ion:196 Resp: 10100
 Ion Ratio Lower Upper
 196 100
 198 80.4 72.4 108.6
 200 26.0 23.8 35.8

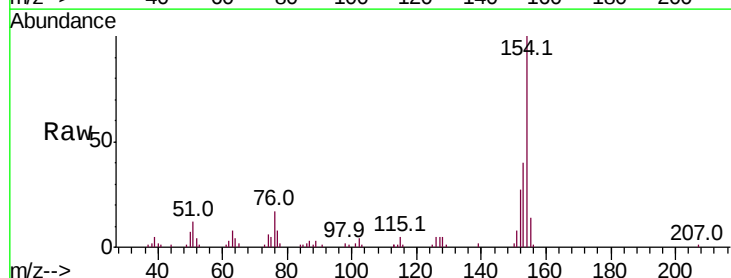


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

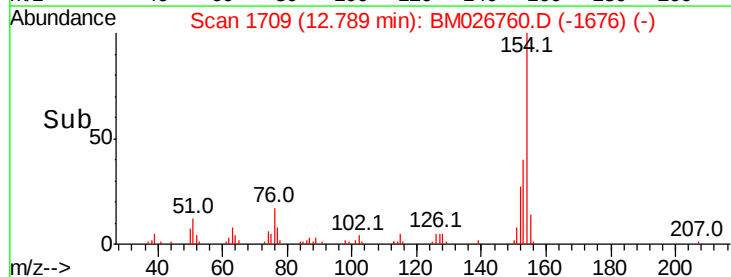
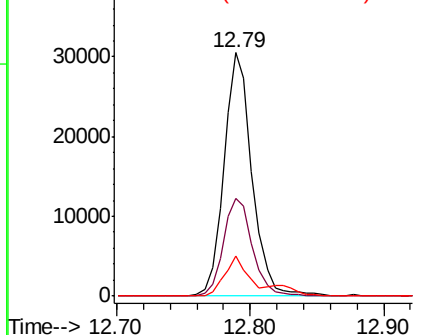


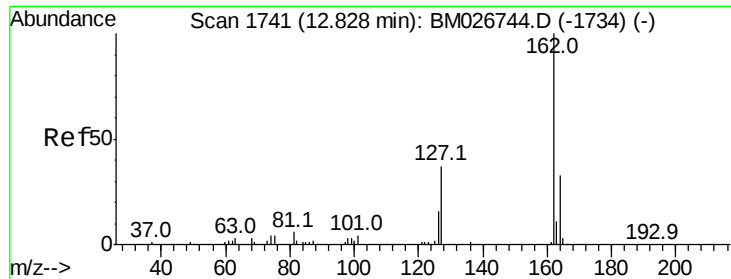
#41
 1,1'-Biphenyl
 Concen: 3.581 ng/ul
 RT: 12.79 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Tgt Ion:154 Resp: 44891
 Ion Ratio Lower Upper
 154 100
 153 40.0 32.9 49.3
 76 16.7 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): BM

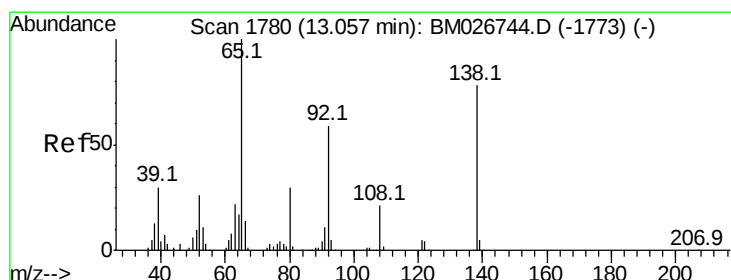
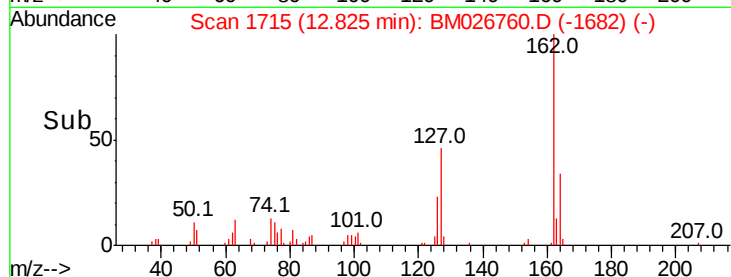
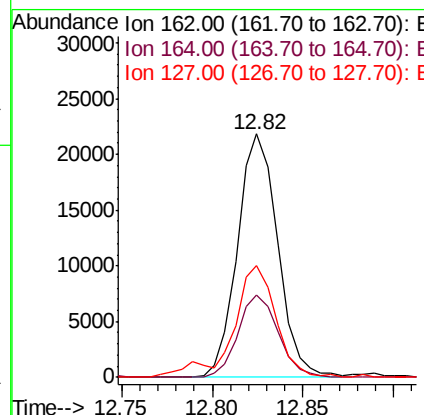
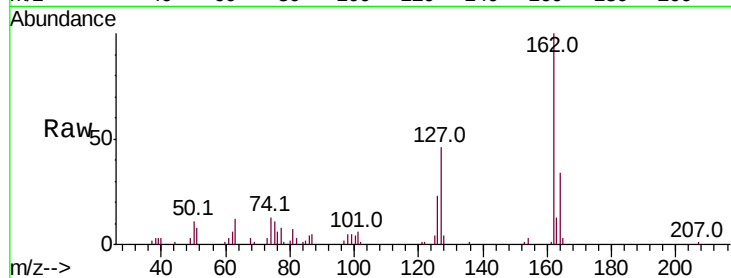




#42
2-Chloronaphthalene
Concen: 3.424 ng/ul
RT: 12.82 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

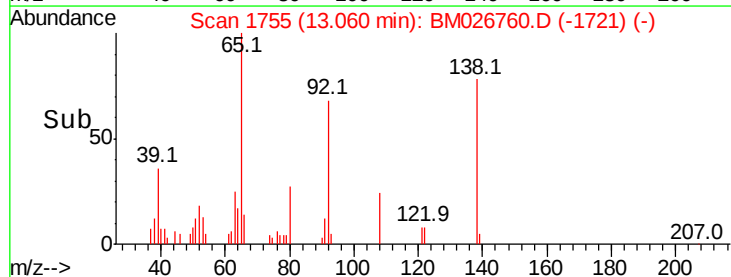
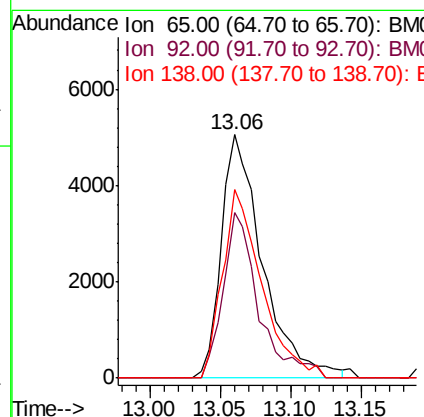
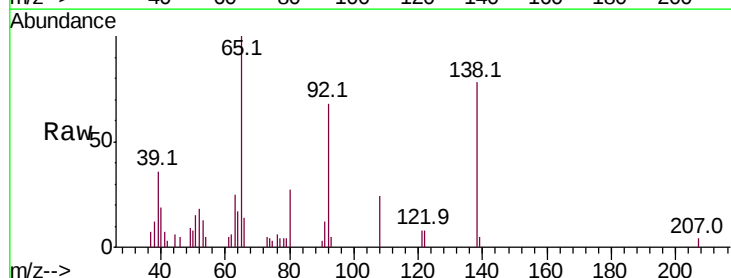
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

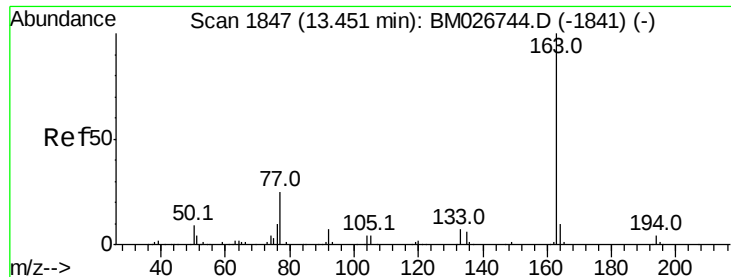
Tot Ion:162 Resp: 33786
Ion Ratio Lower Upper
162 100
164 33.7 26.9 40.3
127 46.1 33.6 50.4



#43
2-Nitroaniline
Concen: 3.096 ng/ul
RT: 13.06 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion: 65 Resp: 10271
Ion Ratio Lower Upper
65 100
92 68.0 48.4 72.6
138 77.7 65.3 97.9

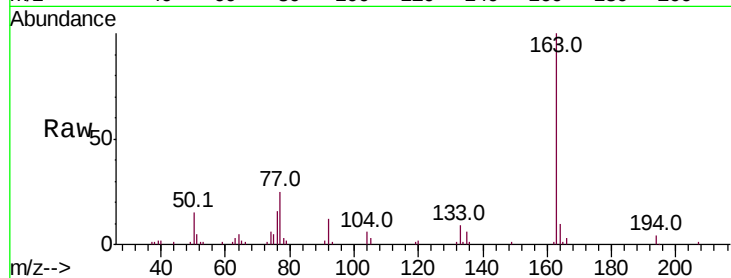




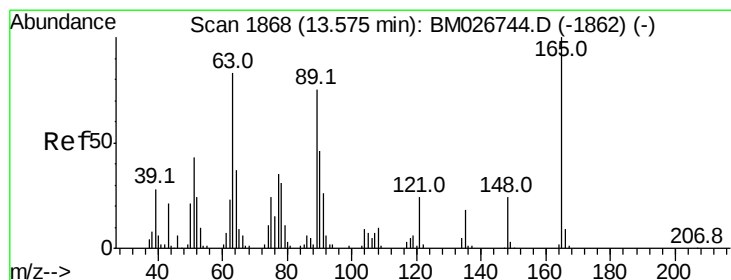
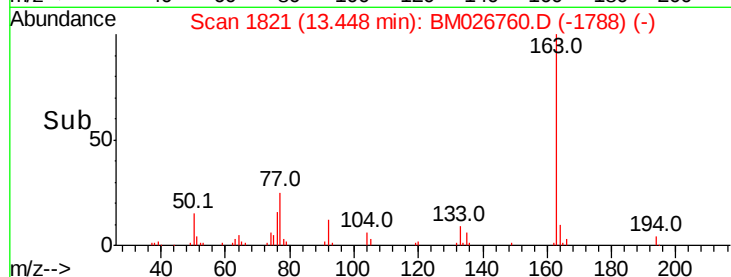
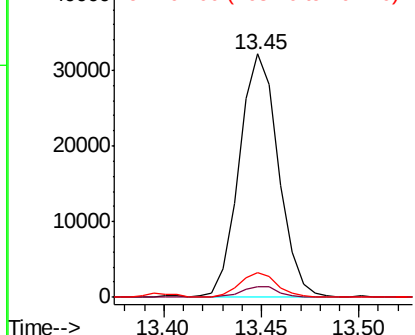
#45
Dimethylphthalate
Concen: 3.700 ng/ul
RT: 13.45 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:163 Resp: 44735
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.4 7.8 11.6

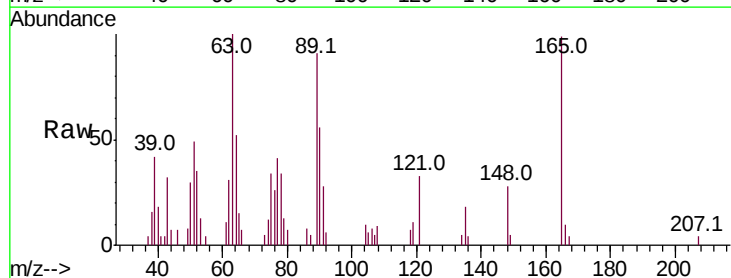


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

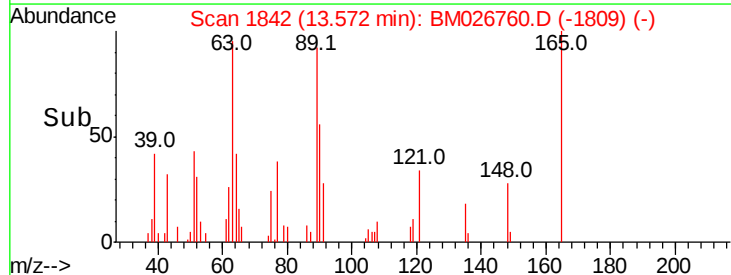
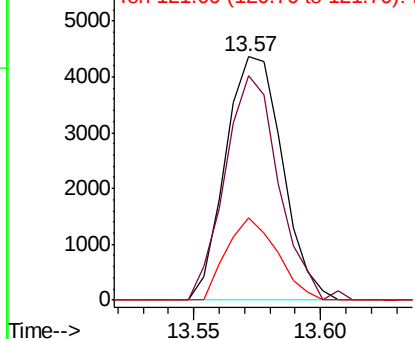


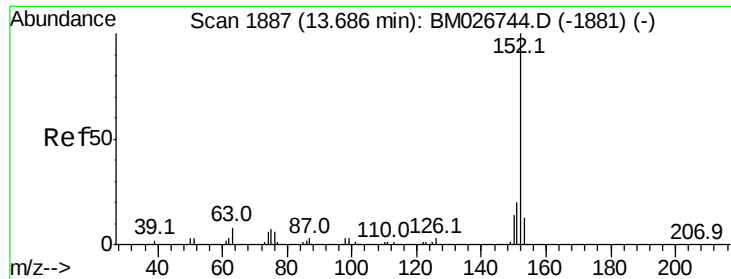
#46
2,6-Dinitrotoluene
Concen: 2.924 ng/ul
RT: 13.57 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion:165 Resp: 6833
Ion Ratio Lower Upper
165 100
89 92.3 54.2 81.4#
121 33.8 18.2 27.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 3.613 ng/ul

RT: 13.68 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

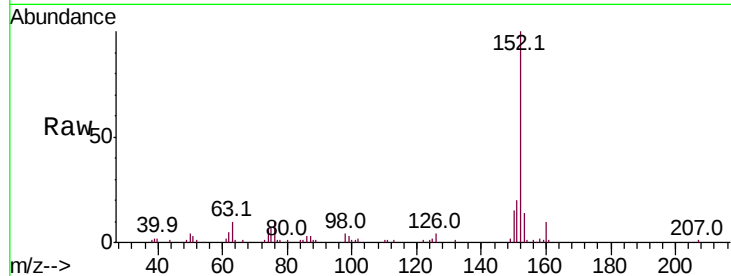
Tot Ion:152 Resp: 54010

Ion Ratio Lower Upper

152 100

151 20.0 15.0 22.6

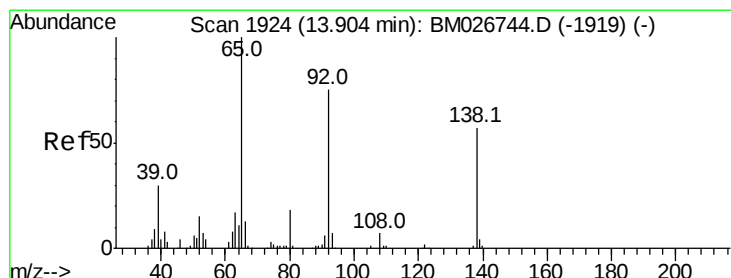
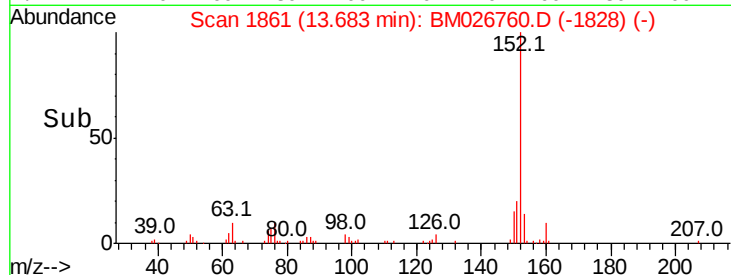
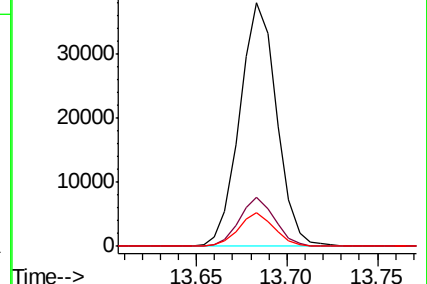
153 13.8 10.6 16.0



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



#49

3-Nitroaniline

Concen: 2.662 ng/ul

RT: 13.92 min Scan# 1901

Delta R.T. 0.01 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

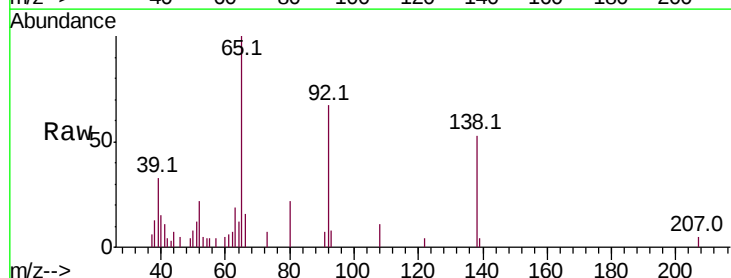
Tgt Ion:138 Resp: 5171

Ion Ratio Lower Upper

138 100

108 20.5 10.6 16.0#

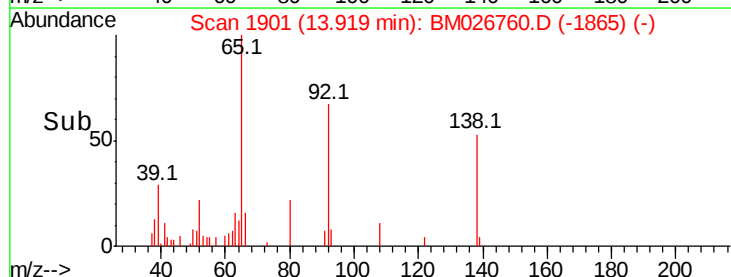
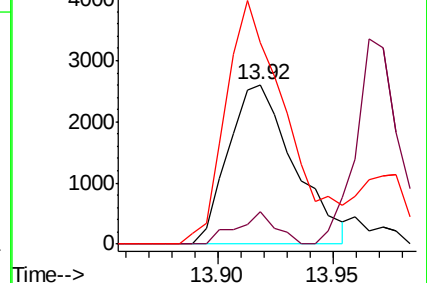
92 126.0 108.6 162.8

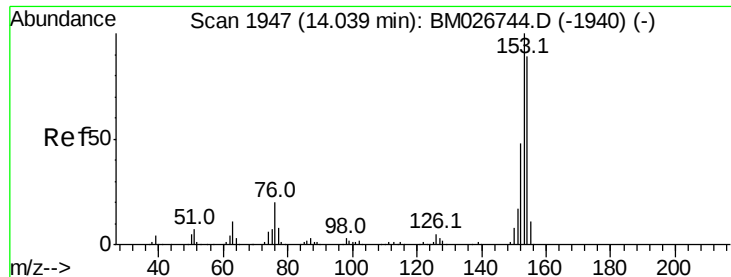


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#50

Acenaphthene

Concen: 3.529 ng/ul

RT: 14.04 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

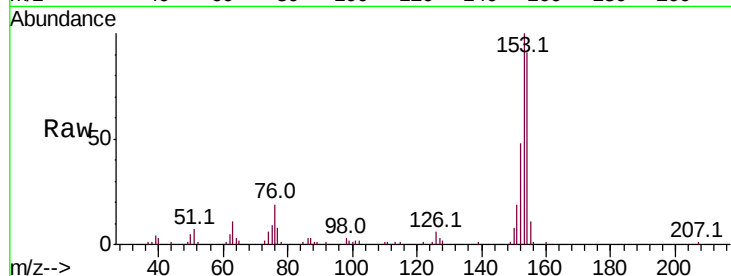
Tot Ion:153 Resp: 37292

Ion Ratio Lower Upper

153 100

152 47.6 37.7 56.5

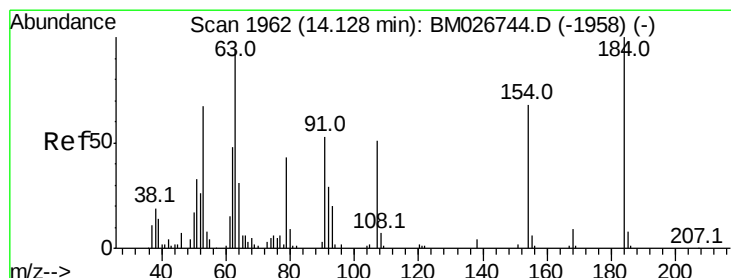
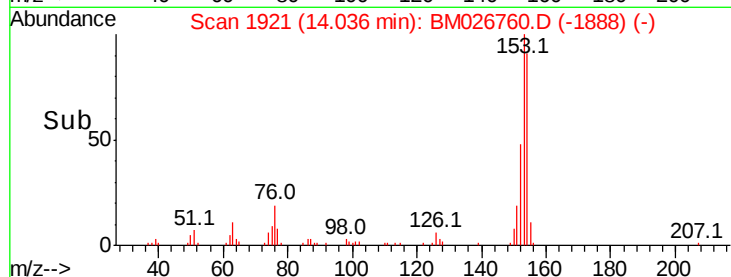
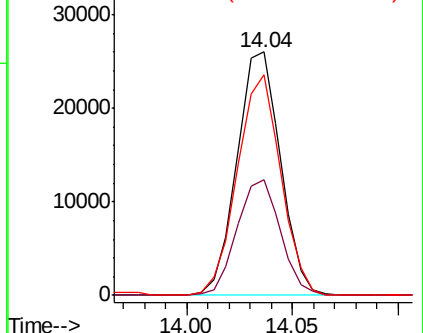
154 90.8 71.3 106.9



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



#51

2,4-Dinitrophenol

Concen: 2.104 ng/ul

RT: 14.15 min Scan# 1940

Delta R.T. 0.02 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

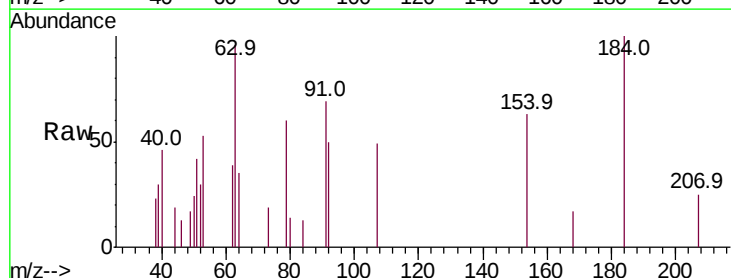
Tgt Ion:184 Resp: 2555

Ion Ratio Lower Upper

184 100

63 96.4 74.6 111.8

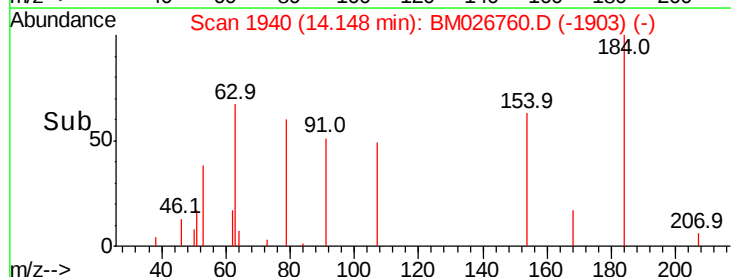
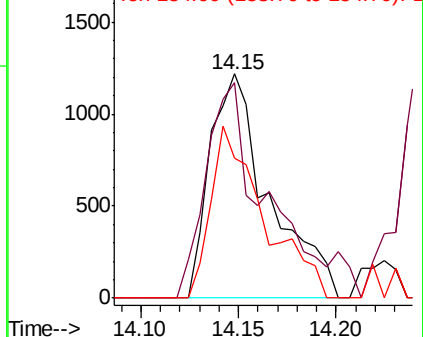
154 62.7 58.8 88.2

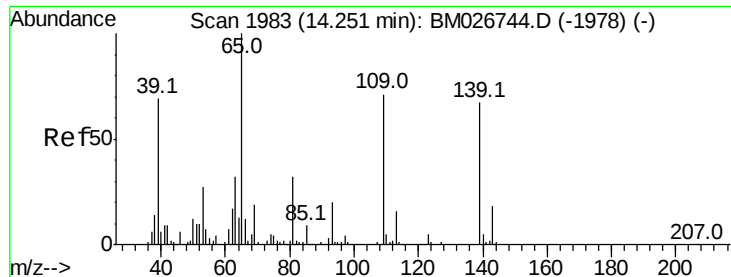


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 3.256 ng/ul

RT: 14.25 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

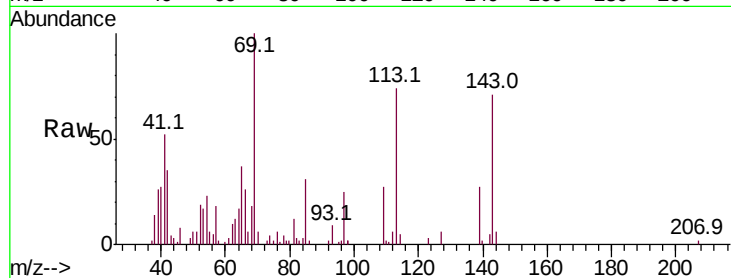
Tot Ion:109 Resp: 5588

Ion Ratio Lower Upper

109 100

139 98.8 87.5 131.3

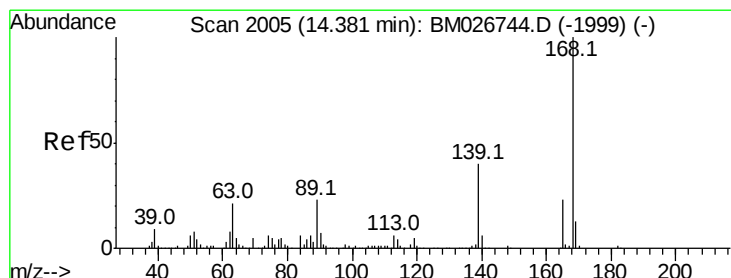
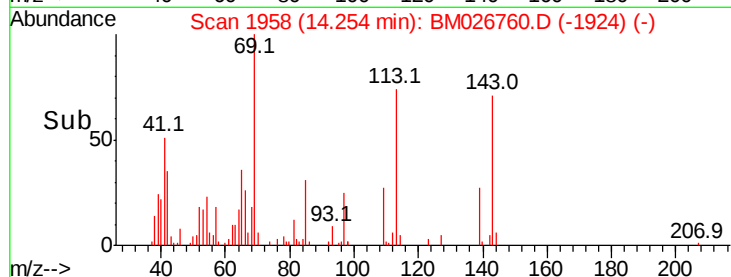
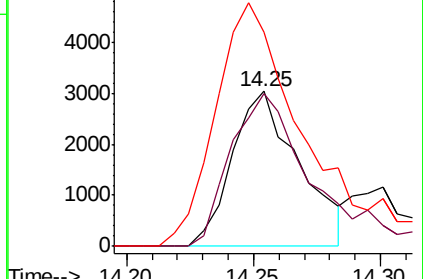
65 138.2 119.4 179.2



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): BM



#54

Dibenzofuran

Concen: 3.600 ng/ul

RT: 14.38 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BM026760.D

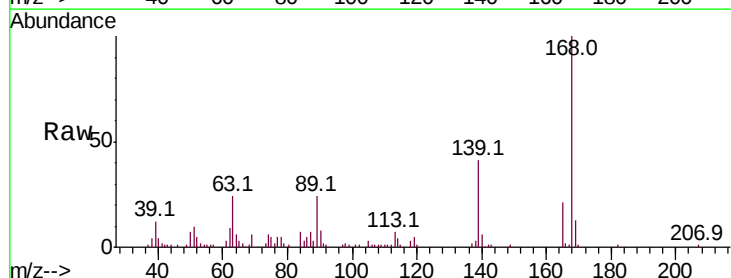
Acq: 14 Jul 2020 20:13

Tgt Ion:168 Resp: 53977

Ion Ratio Lower Upper

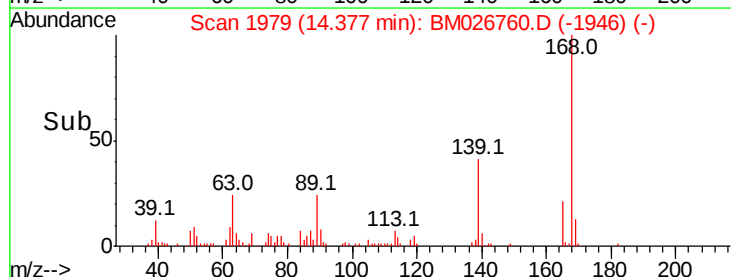
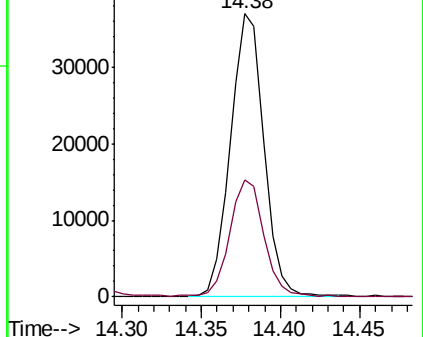
168 100

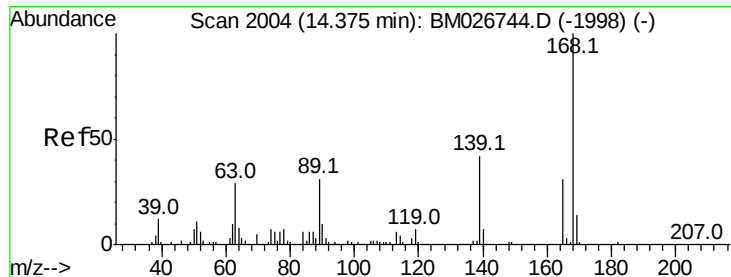
139 41.5 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

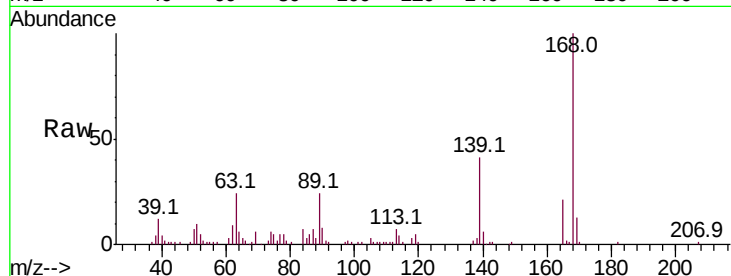




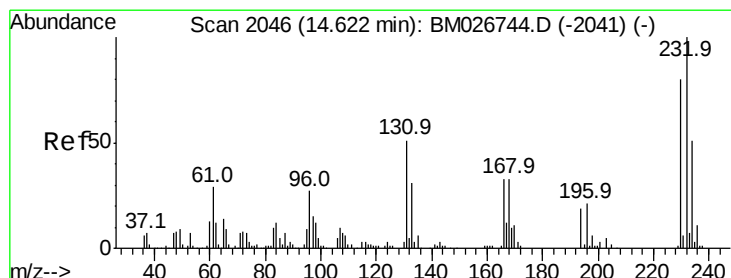
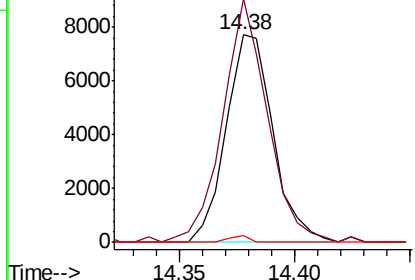
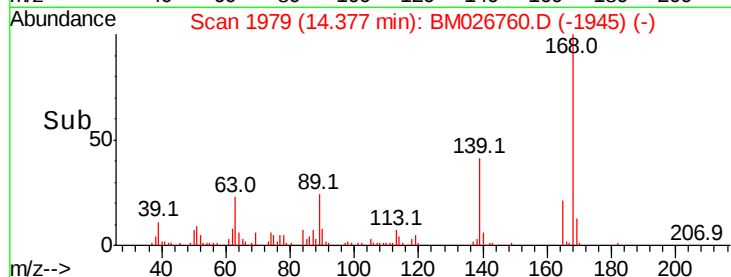
#55
 2,4-Dinitrotoluene
 Concen: 3.137 ng/ul
 RT: 14.38 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-01

Tot Ion:165 Resp: 10903
 Ion Ratio Lower Upper
 165 100
 63 117.4 65.3 97.9#
 182 3.0 2.2 3.4

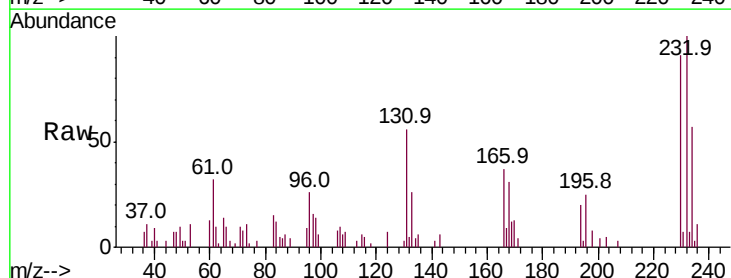


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 182.00 (181.70 to 182.70): E

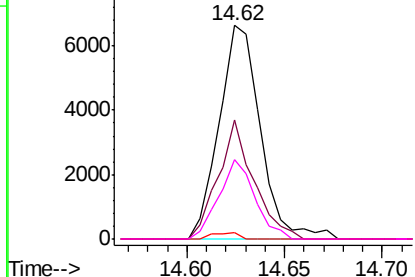
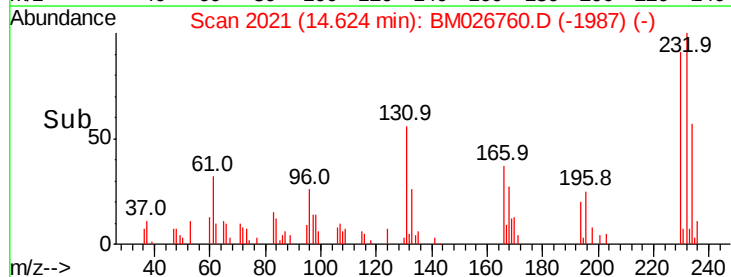


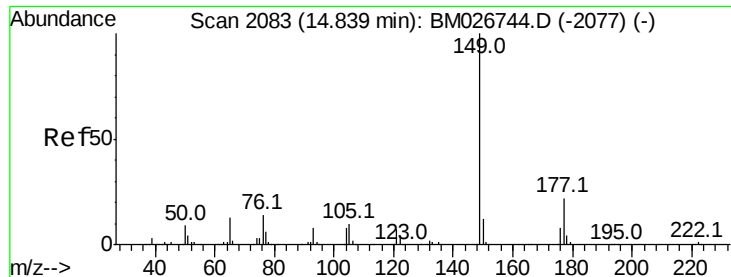
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.330 ng/ul
 RT: 14.62 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Tgt Ion:232 Resp: 9742
 Ion Ratio Lower Upper
 232 100
 131 55.6 33.4 50.0#
 130 2.8 2.2 3.2
 166 37.0 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

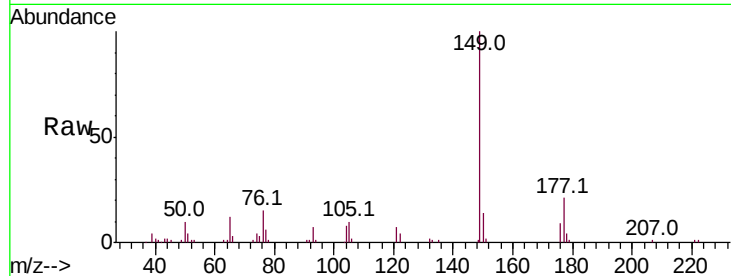




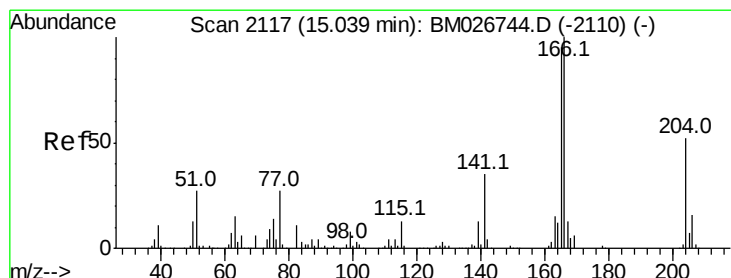
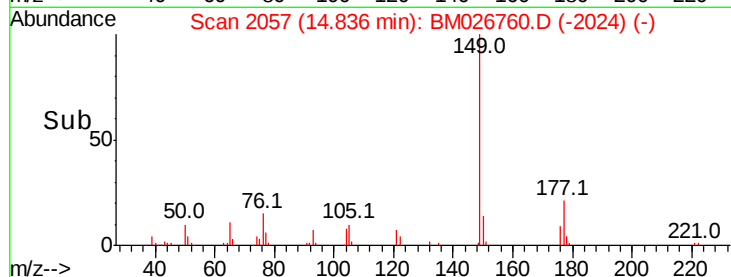
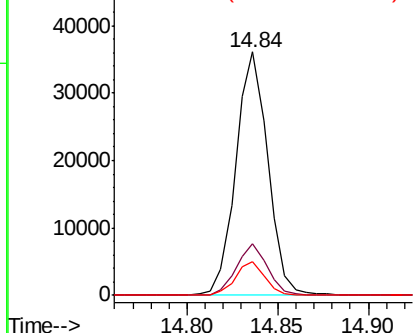
#57
Diethylphthalate
Concen: 3.652 ng/ul
RT: 14.84 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:149 Resp: 44380
Ion Ratio Lower Upper
149 100
177 21.4 16.6 25.0
150 13.6 10.0 15.0

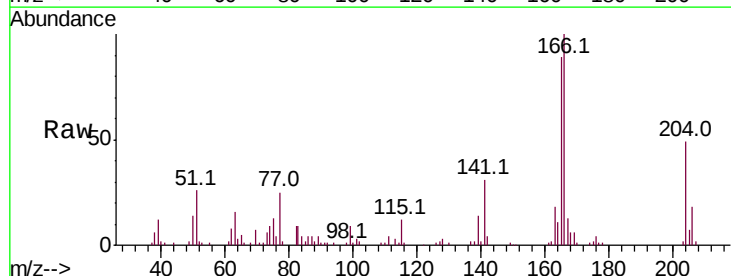


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

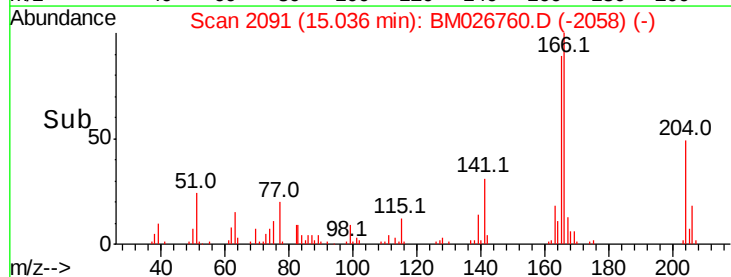
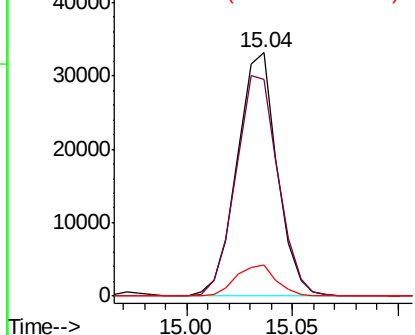


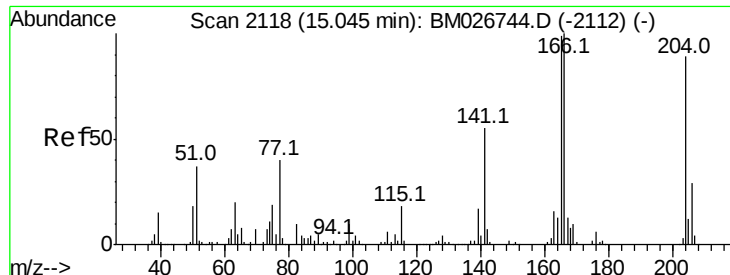
#59
Fluorene
Concen: 3.566 ng/ul
RT: 15.04 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion:166 Resp: 43680
Ion Ratio Lower Upper
166 100
165 88.8 77.0 115.4
167 13.0 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

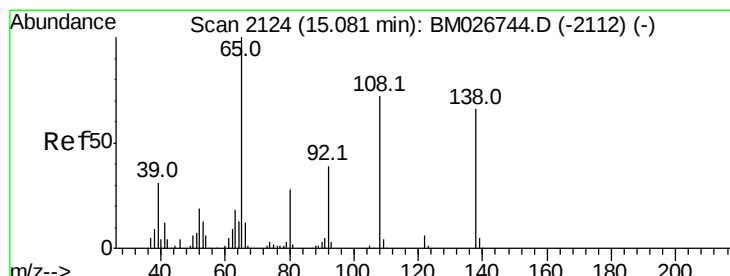
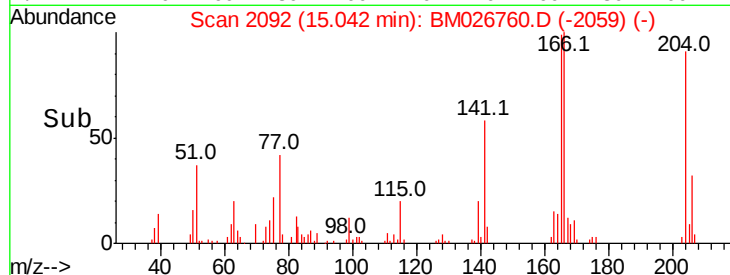
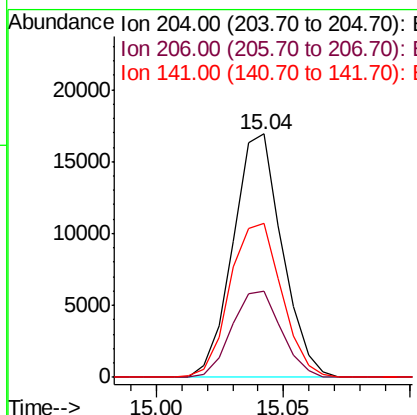
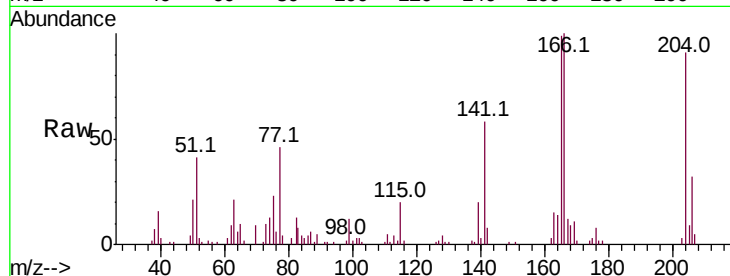




#60
 4-Chlorophenyl-phenylether
 Concen: 3.574 ng/ul
 RT: 15.04 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

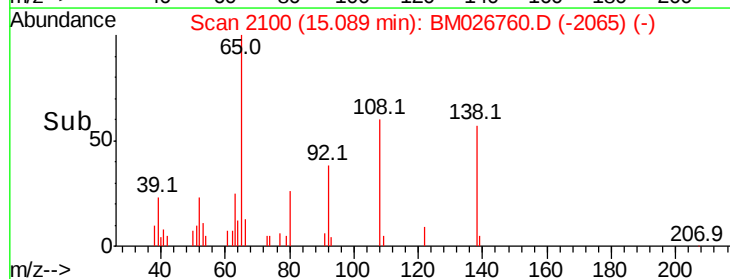
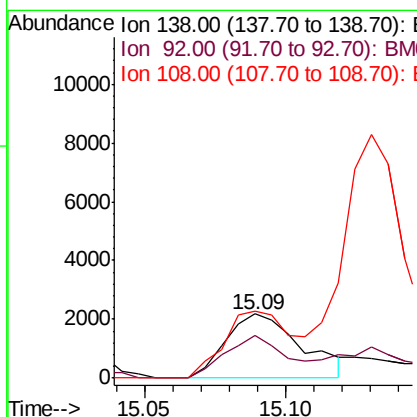
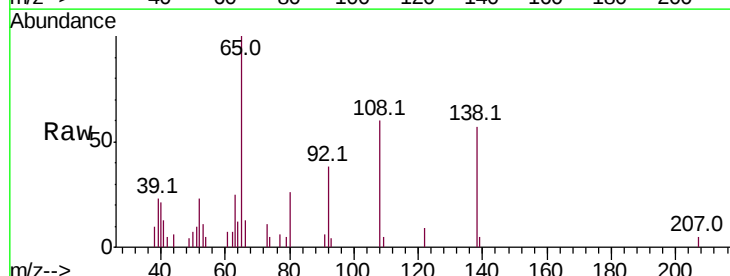
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-01

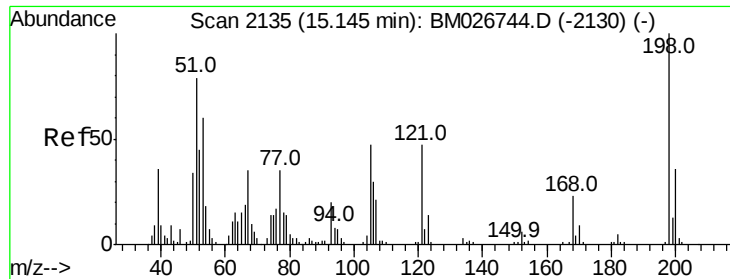
Tot Ion:204 Resp: 22754
 Ion Ratio Lower Upper
 204 100
 206 35.4 25.3 37.9
 141 63.3 50.3 75.5



#61
 4-Nitroaniline
 Concen: 1.830 ng/ul
 RT: 15.09 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Tgt Ion:138 Resp: 4020
 Ion Ratio Lower Upper
 138 100
 92 66.3 47.7 71.5
 108 105.0 82.6 123.8

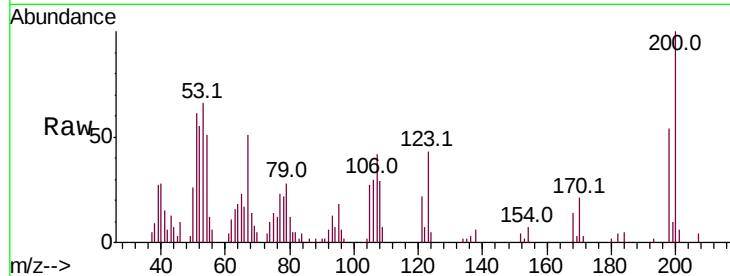




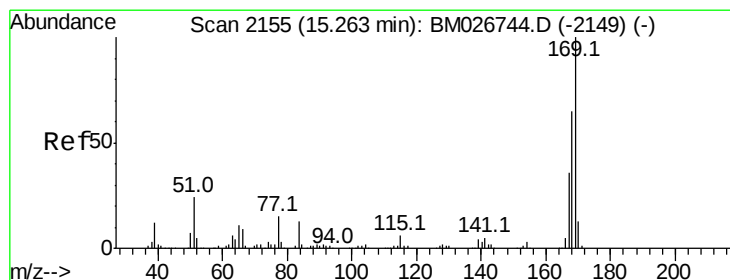
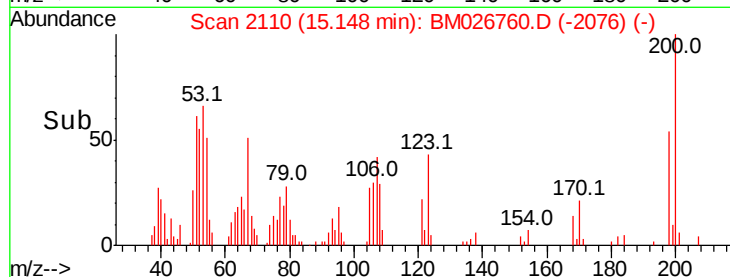
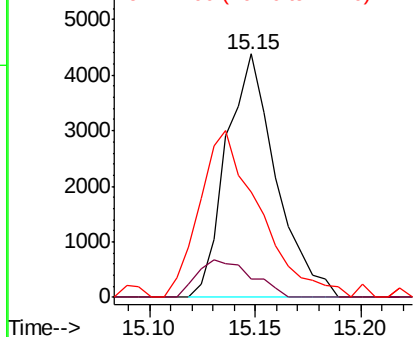
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.655 ng/ul
 RT: 15.15 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-01

Tot Ion:198 Resp: 7169
 Ion Ratio Lower Upper
 198 100
 182 7.6 4.0 6.0#
 77 43.2 26.7 40.1#

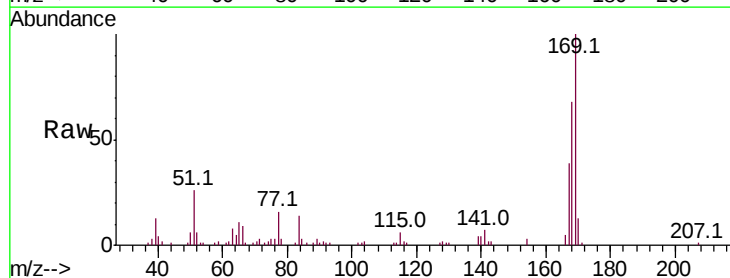


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): E

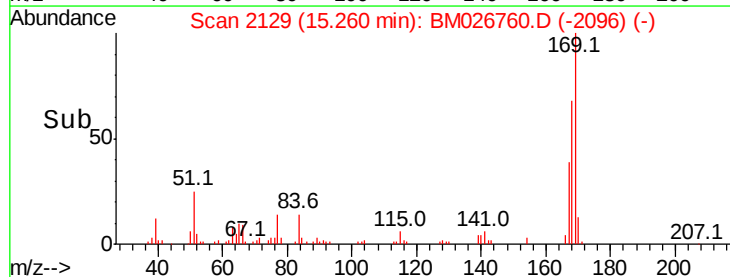
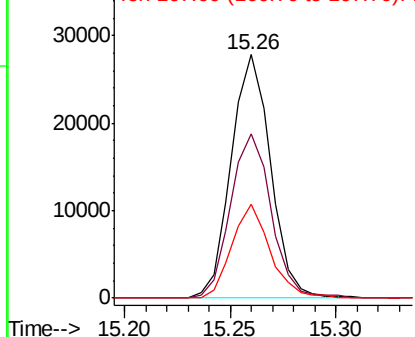


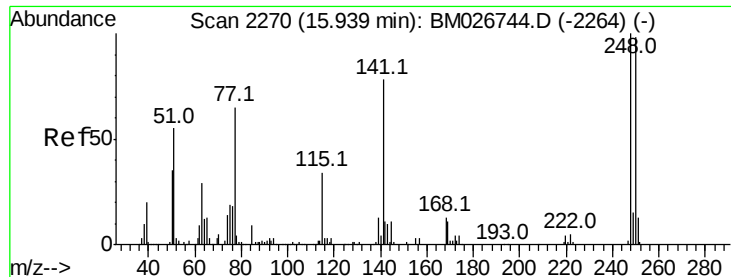
#65
 N-Nitrosodiphenylamine
 Concen: 3.643 ng/ul
 RT: 15.26 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Tgt Ion:169 Resp: 36101
 Ion Ratio Lower Upper
 169 100
 168 67.6 51.7 77.5
 167 38.8 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

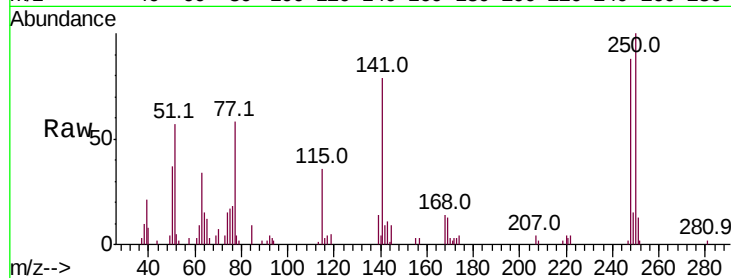




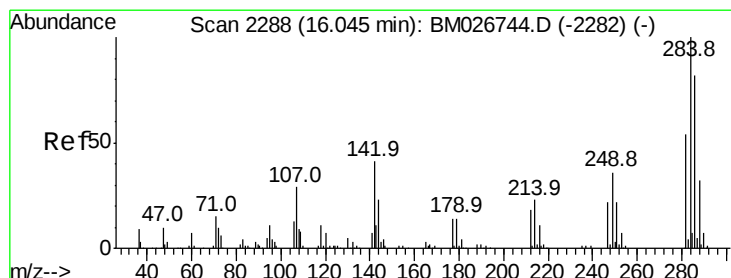
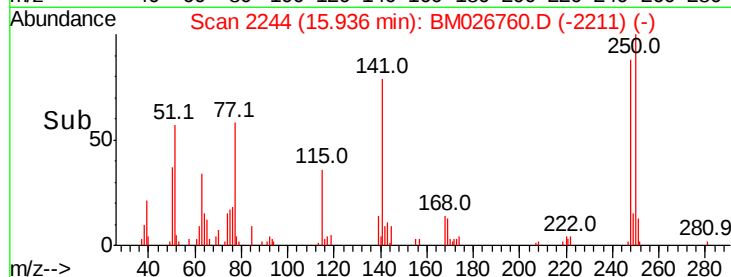
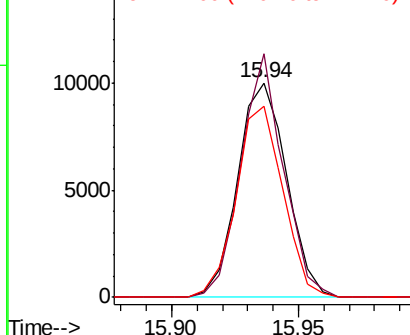
#66
4-Bromophenyl-phenylether
Concen: 3.759 ng/ul
RT: 15.94 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:248 Resp: 13433
Ion Ratio Lower Upper
248 100
250 113.6 77.4 116.0
141 89.2 66.1 99.1

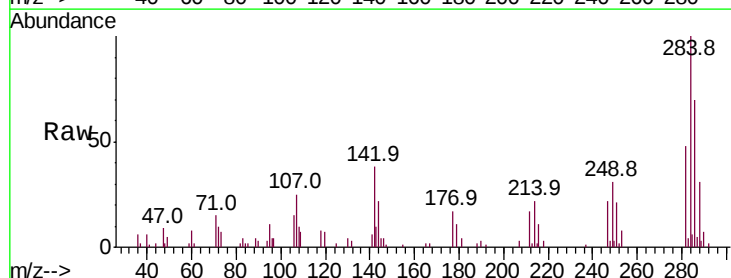


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

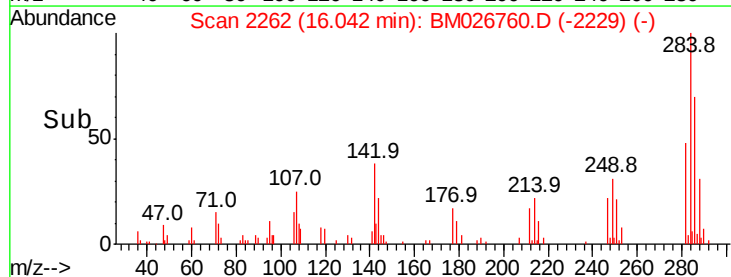
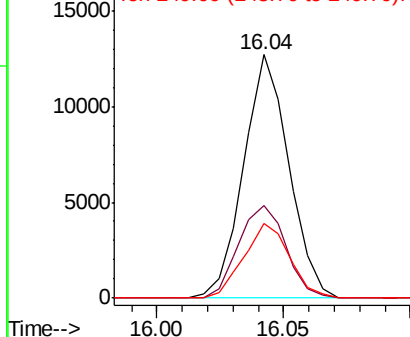


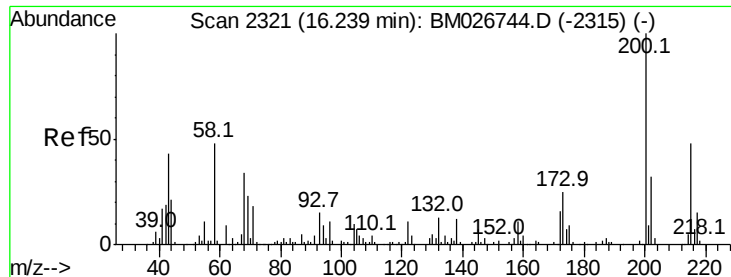
#67
Hexachlorobenzene
Concen: 3.889 ng/ul
RT: 16.04 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion:284 Resp: 15834
Ion Ratio Lower Upper
284 100
142 35.9 27.1 40.7
249 31.7 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

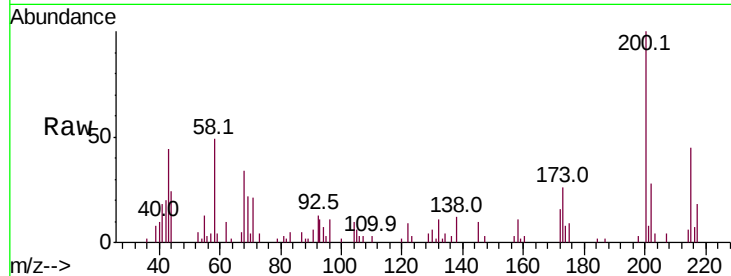




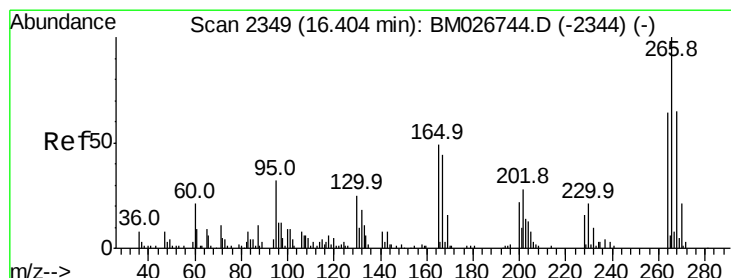
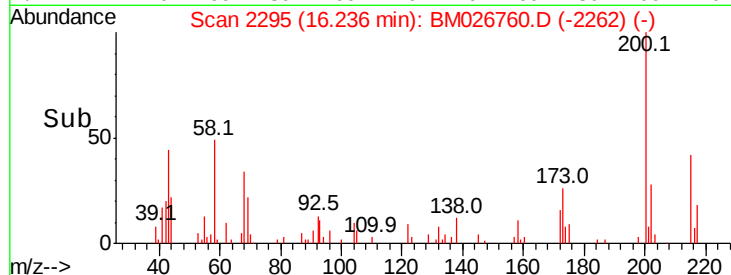
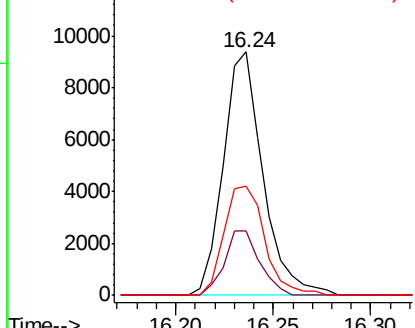
#68
Atrazine
Concen: 4.084 ng/ul
RT: 16.24 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	20.8	31.2
215	45.0	37.8	56.8

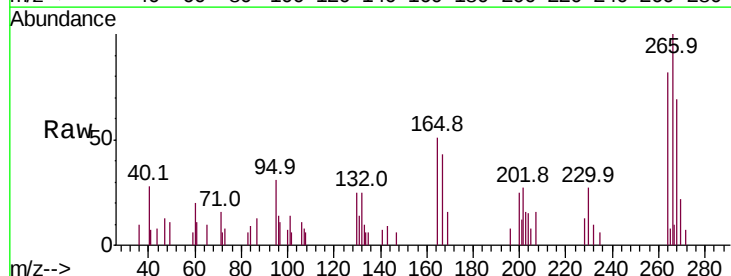


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

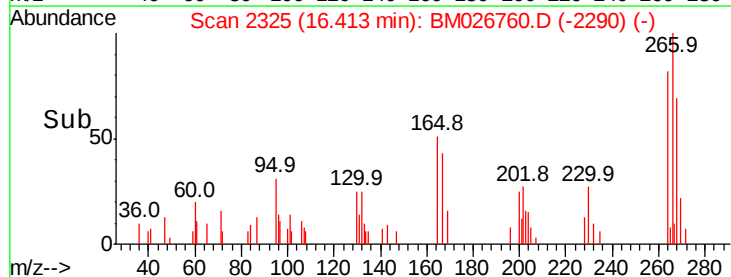
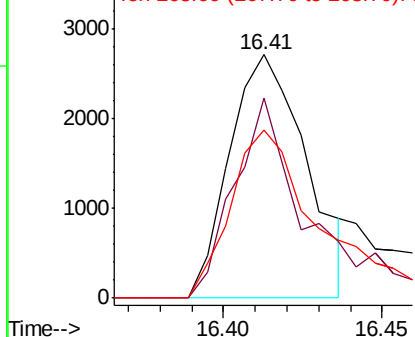


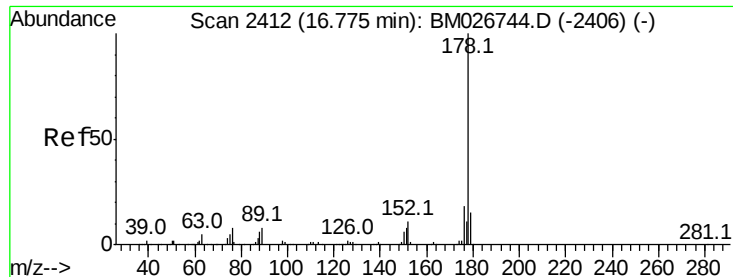
#69
Pentachlorophenol
Concen: 2.275 ng/ul
RT: 16.41 min Scan# 2325
Delta R.T. 0.01 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion	Ratio	Lower	Upper
266	100		
264	82.1	49.9	74.9#
268	69.1	51.4	77.0



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





#70

Phenanthrene

Concen: 3.708 ng/ul

RT: 16.77 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

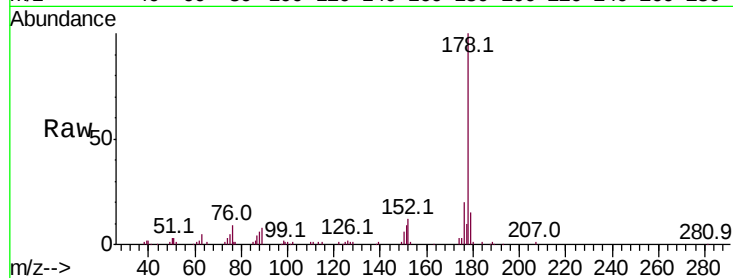
Tot Ion:178 Resp: 68442

Ion Ratio Lower Upper

178 100

179 14.7 12.4 18.6

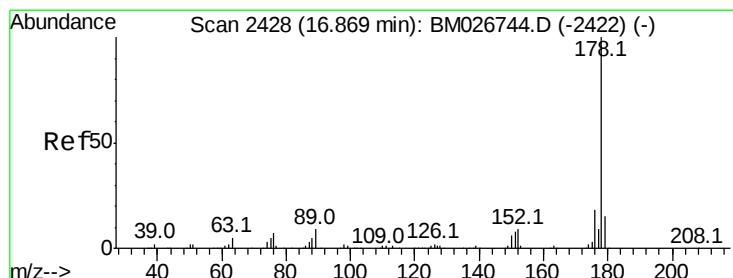
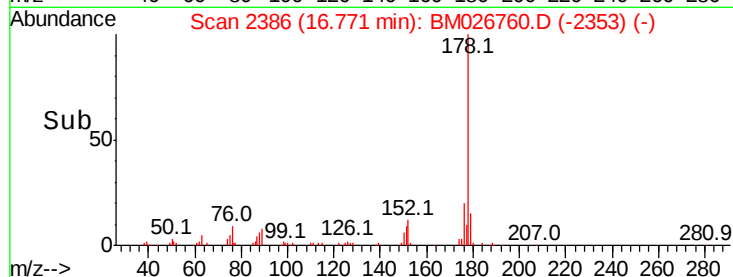
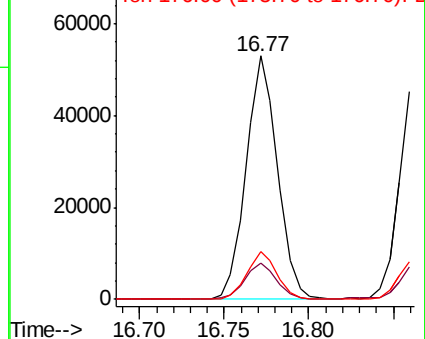
176 19.6 14.3 21.5



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



#72

Anthracene

Concen: 3.718 ng/ul

RT: 16.87 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

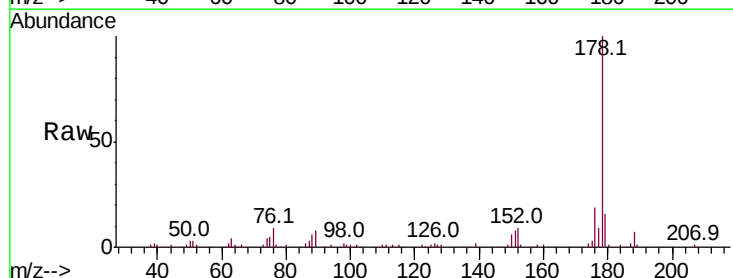
Tgt Ion:178 Resp: 69240

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.6

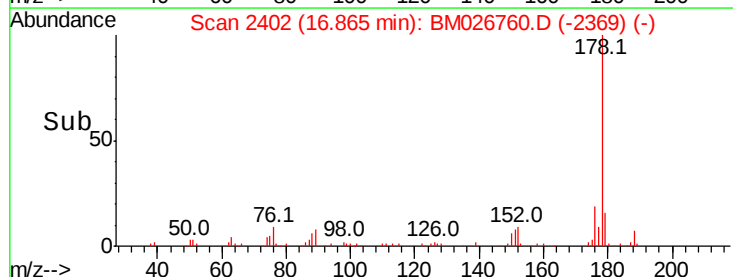
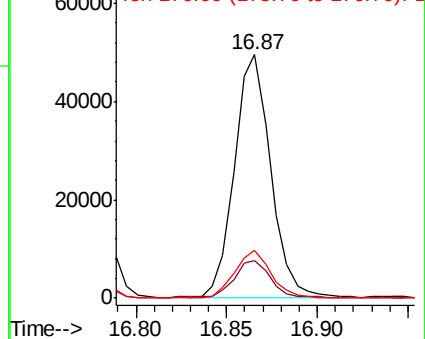
176 19.4 14.7 22.1

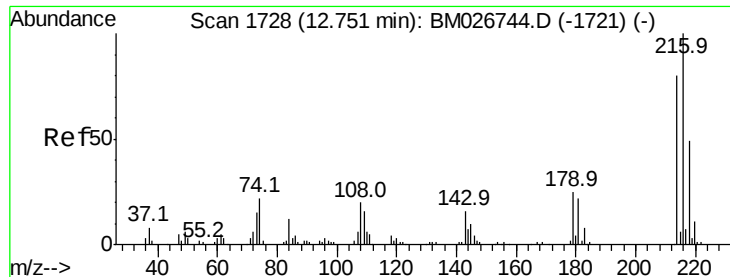


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

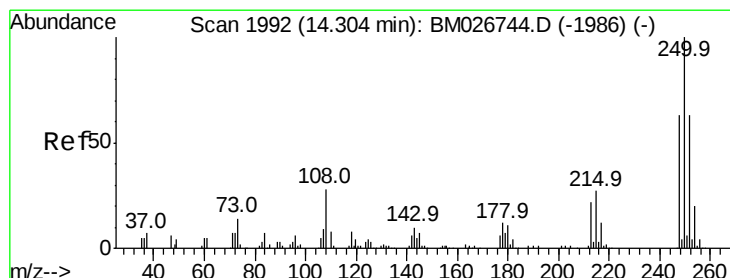
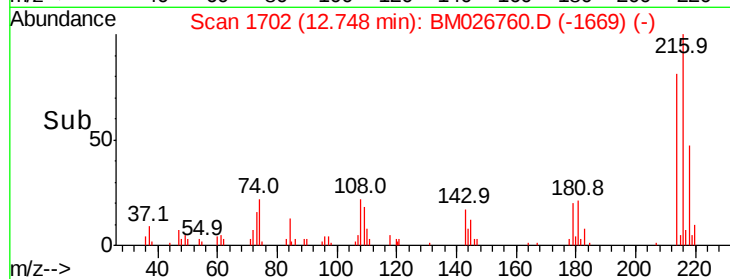
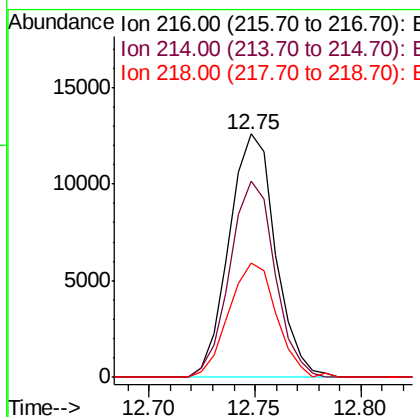
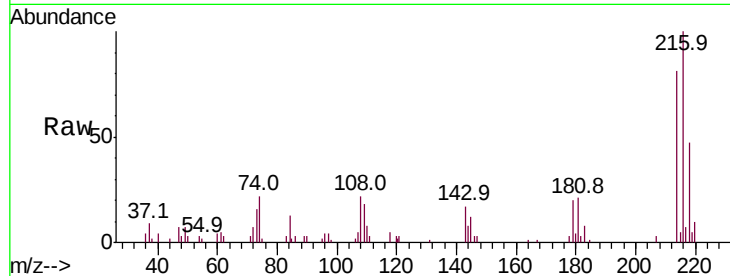




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.754 ng/uL
 RT: 12.75 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

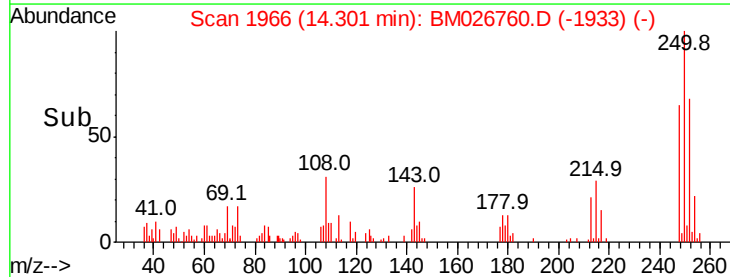
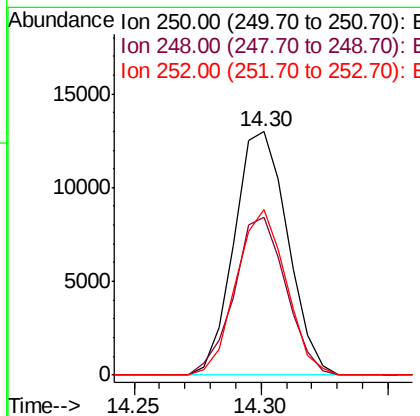
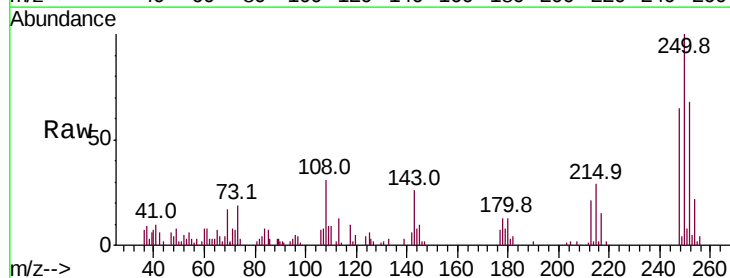
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-01

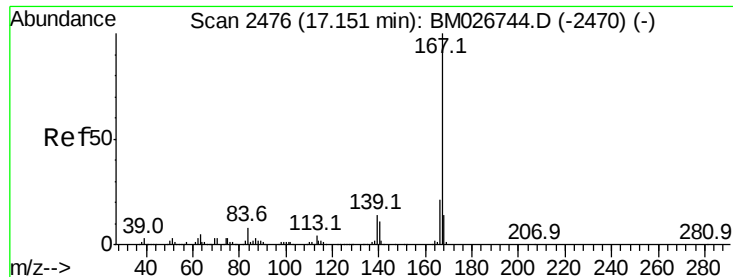
Tot Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.8
218	47.2	38.5	57.7



#74
 Pentachlorobenzene
 Concen: 3.898 ng/uL
 RT: 14.30 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Tgt Ion	Ratio	Lower	Upper
250	100		
248	64.9	51.3	76.9
252	68.0	50.9	76.3

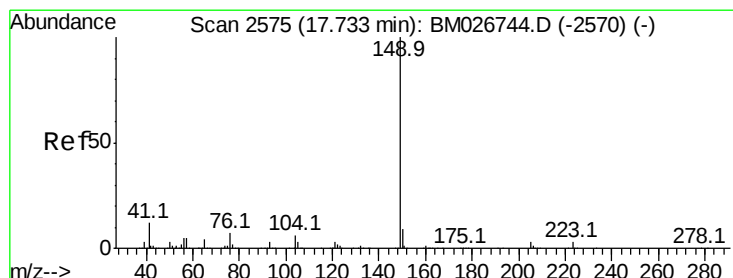
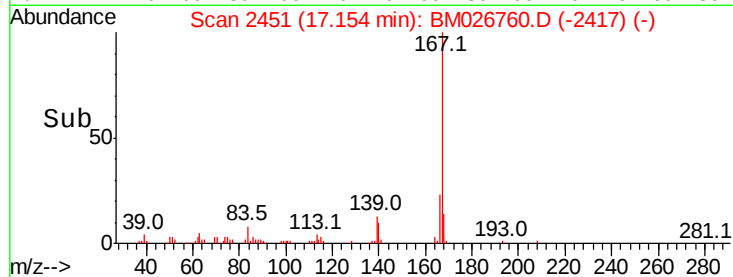
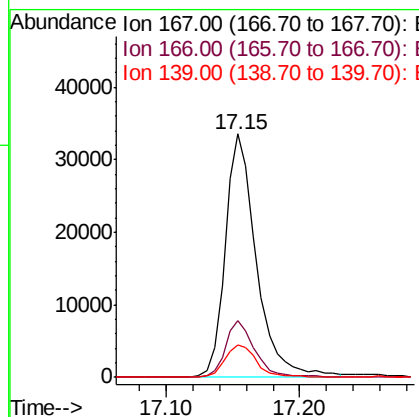
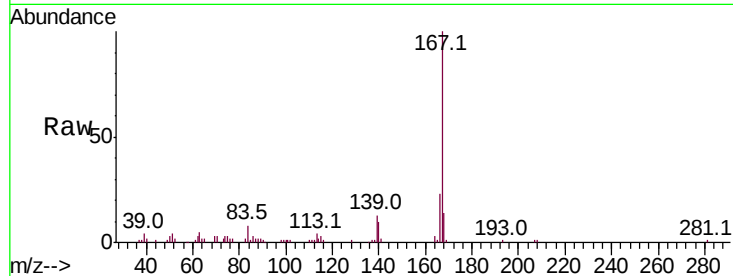




#75
 Carbazole
 Concen: 3.682 ng/ul
 RT: 17.15 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

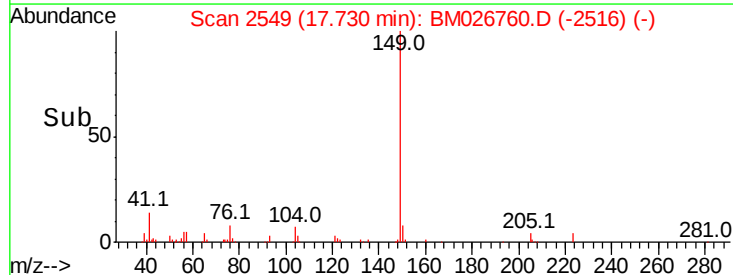
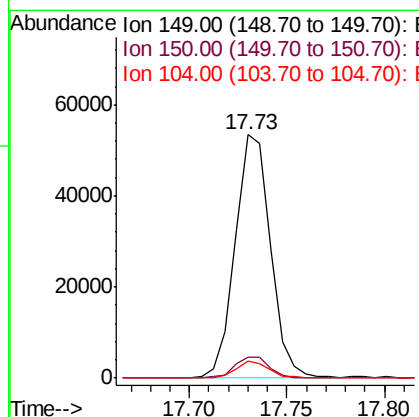
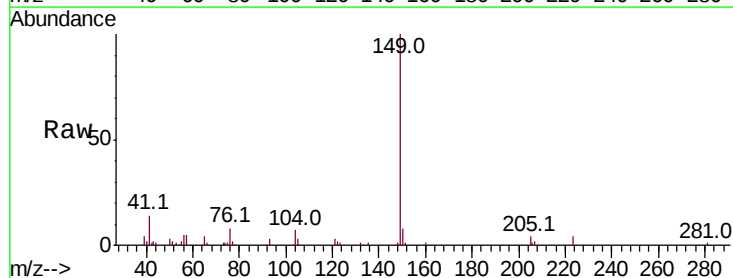
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-01

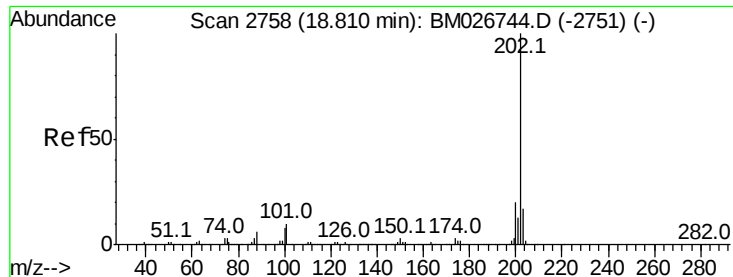
Tot Ion:167 Resp: 54896
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.4 26.0
 139 13.4 10.6 15.8



#76
 Di-n-butylphthalate
 Concen: 3.726 ng/ul
 RT: 17.73 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Tgt Ion:149 Resp: 67223
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.1 10.7
 104 7.1 5.2 7.8

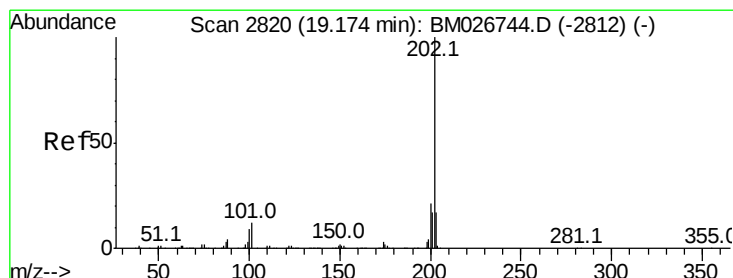
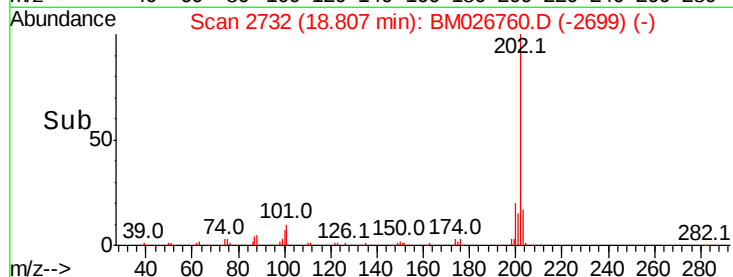
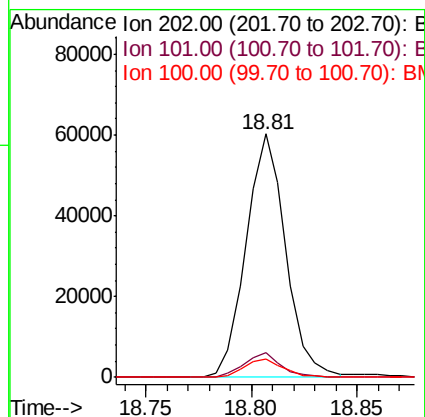
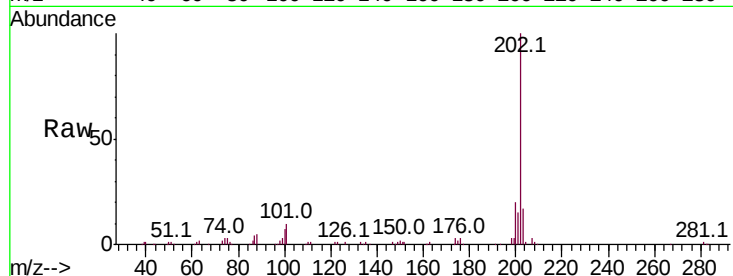




#77
Fluoranthene
 Concen: 4.108 ng/ul
 RT: 18.81 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

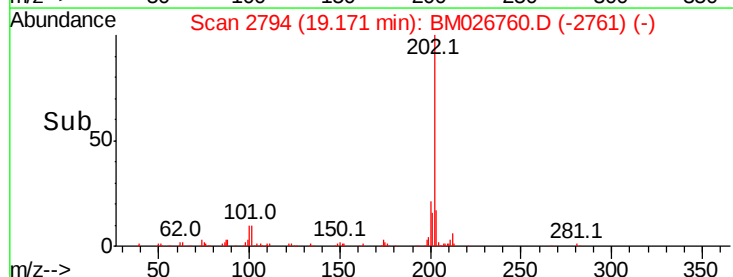
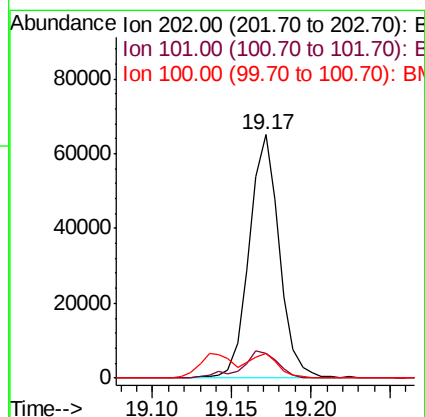
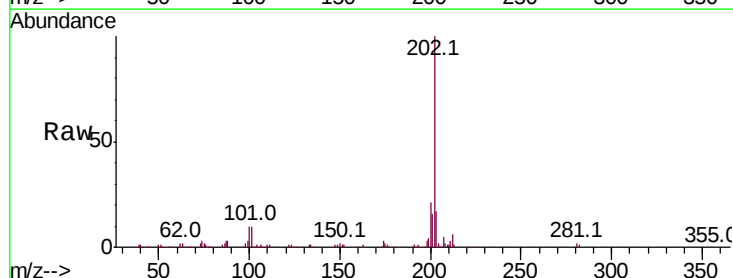
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-01

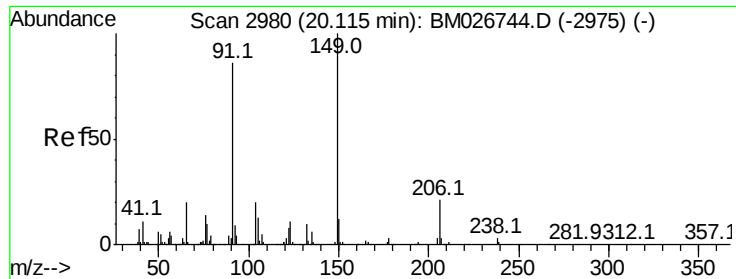
Tot Ion:	202	Resp:	78427
Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.5	12.7
100	7.4	6.9	10.3



#80
Pyrene
 Concen: 3.860 ng/ul
 RT: 19.17 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BM026760.D
 Acq: 14 Jul 2020 20:13

Tgt Ion:	202	Resp:	86041
Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.4	14.2
100	10.3	8.0	12.0

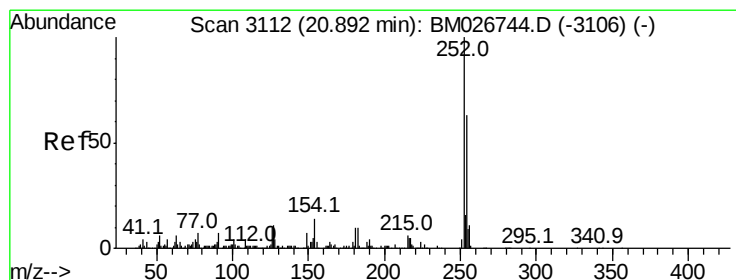
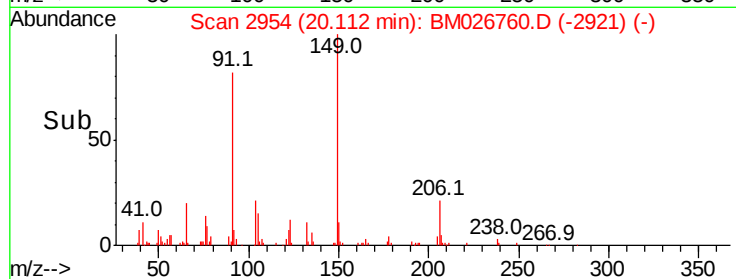
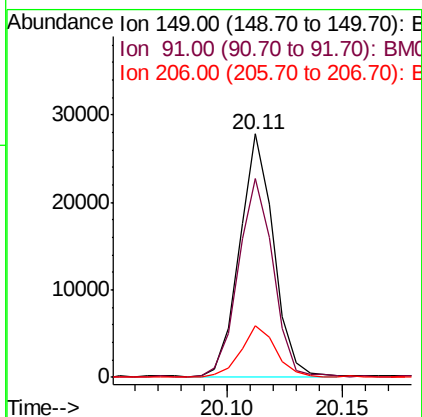
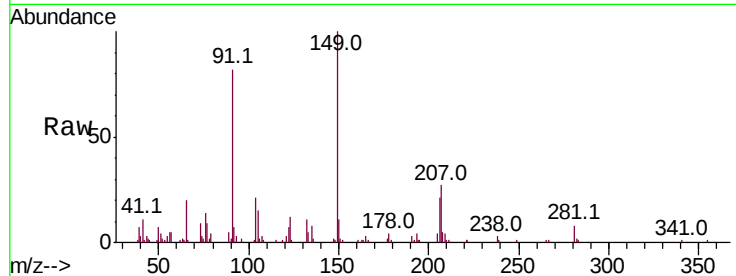




#81
Butylbenzylphthalate
Concen: 3.646 ng/ul
RT: 20.11 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

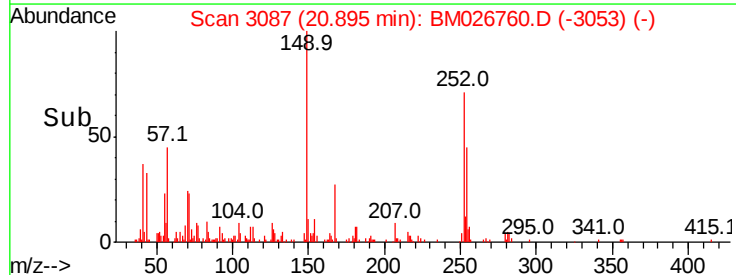
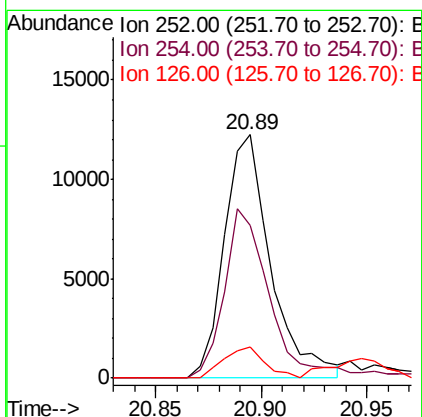
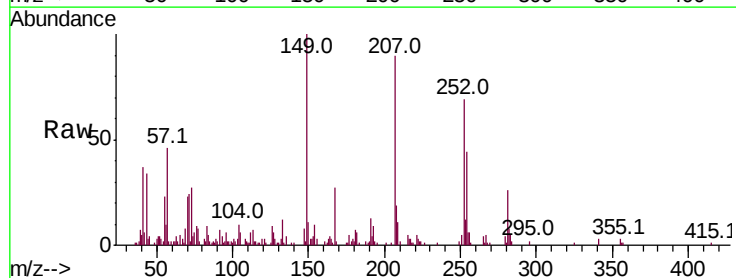
Instrument :
BNA_M
ClientSampleID :
MDL-ME-SOIL-01

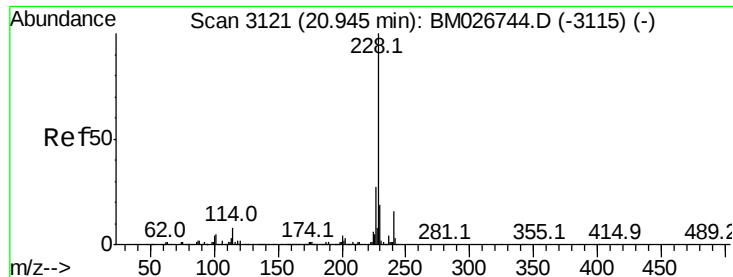
Tot Ion:149 Resp: 28832
Ion Ratio Lower Upper
149 100
91 81.8 66.4 99.6
206 21.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 2.941 ng/ul
RT: 20.89 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM026760.D
Acq: 14 Jul 2020 20:13

Tgt Ion:252 Resp: 18644
Ion Ratio Lower Upper
252 100
254 62.8 51.3 76.9
126 12.6 8.1 12.1#





#83

Benzo(a)anthracene

Concen: 3.975 ng/ul

RT: 20.94 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

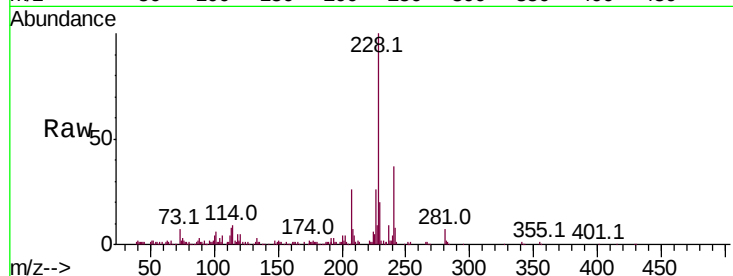
Tot Ion:228 Resp: 86052

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

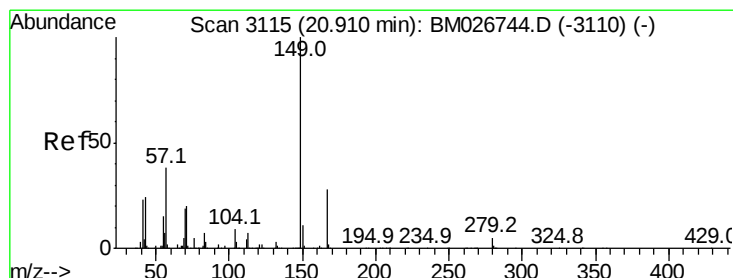
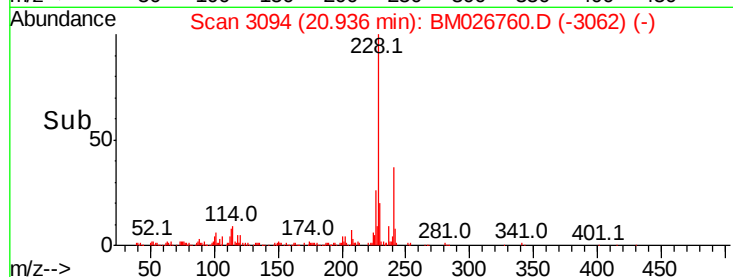
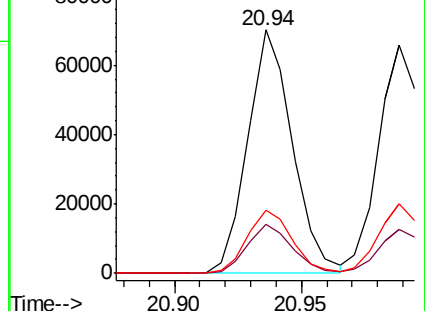
226 26.0 21.2 31.8



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: 3.658 ng/ul

RT: 20.91 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

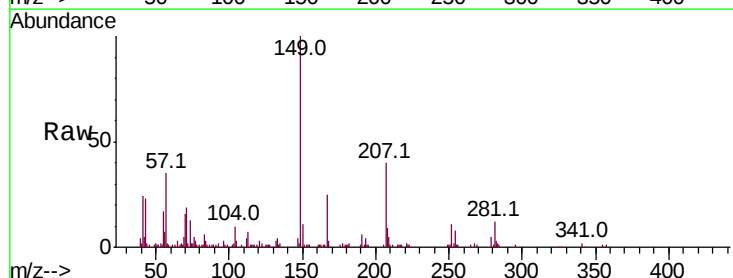
Tgt Ion:149 Resp: 43076

Ion Ratio Lower Upper

149 100

167 25.1 22.1 33.1

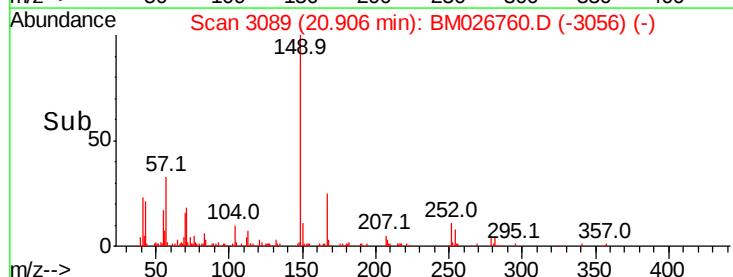
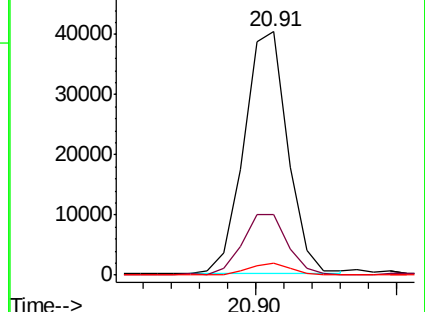
279 4.9 3.6 5.4

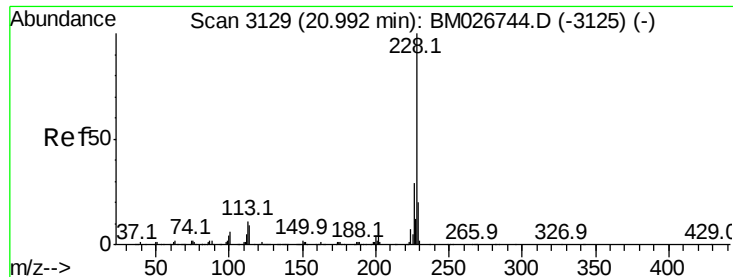


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 3.893 ng/ul

RT: 20.99 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

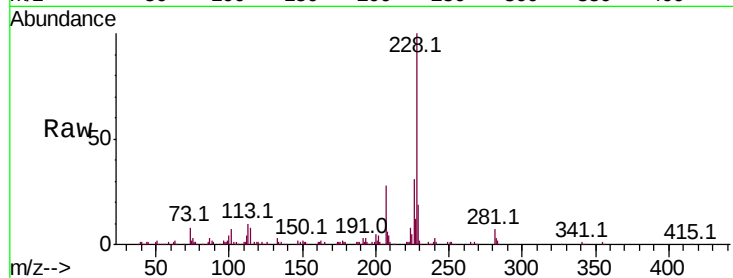
Tot Ion:228 Resp: 83624

Ion Ratio Lower Upper

228 100

226 30.6 23.0 34.6

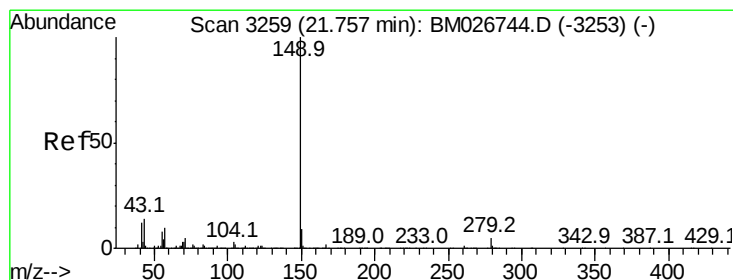
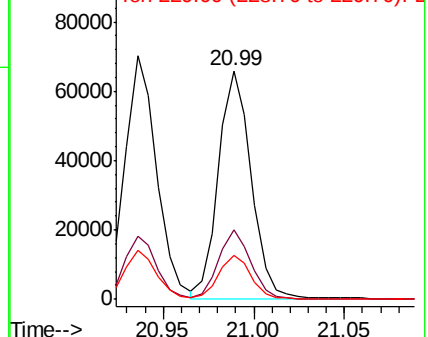
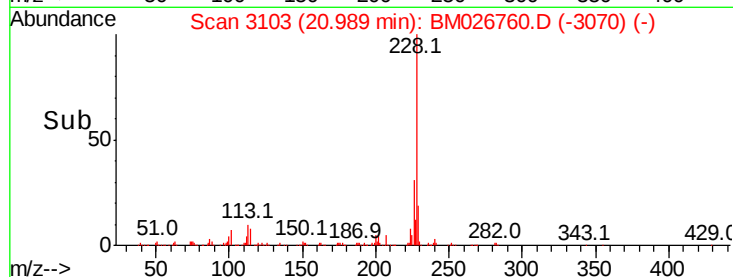
229 19.5 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Di-n-octyl phthalate

Concen: 3.265 ng/ul

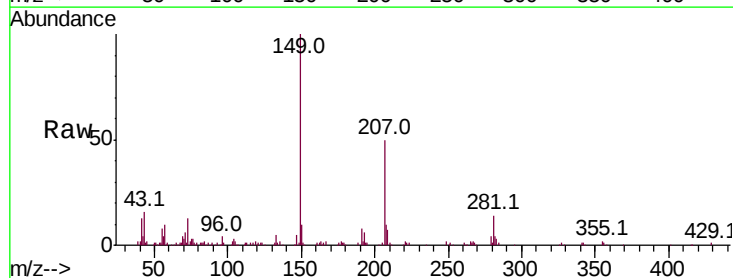
RT: 21.75 min Scan# 3232

Delta R.T. -0.01 min

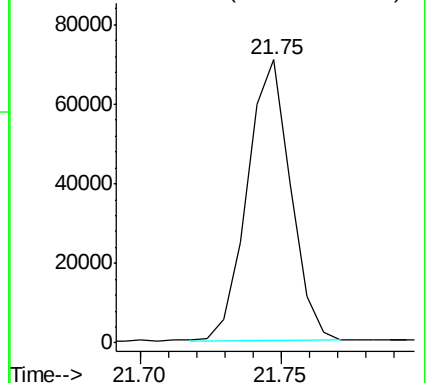
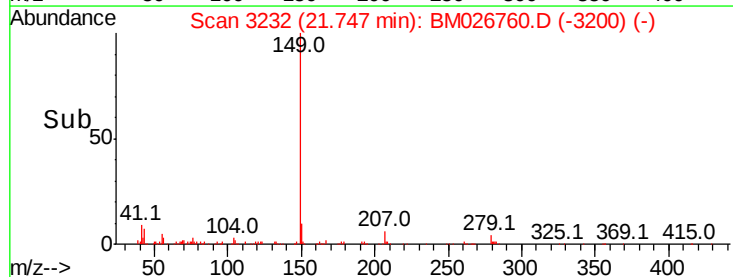
Lab File: BM026760.D

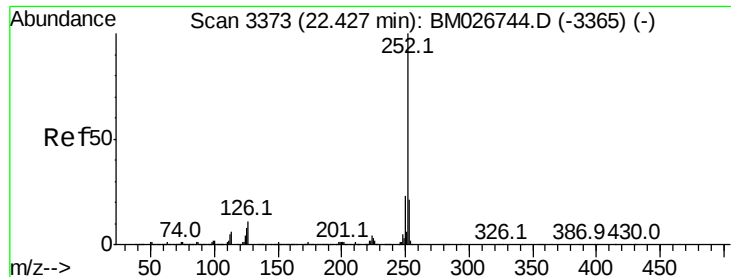
Acq: 14 Jul 2020 20:13

Tgt Ion:149 Resp: 74905



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 3.455 ng/ul

RT: 22.42 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

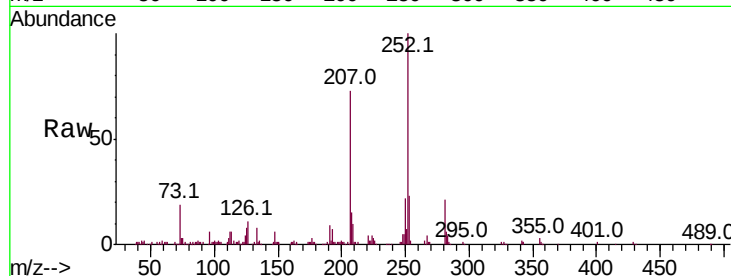
Tot Ion:252 Resp: 87397

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

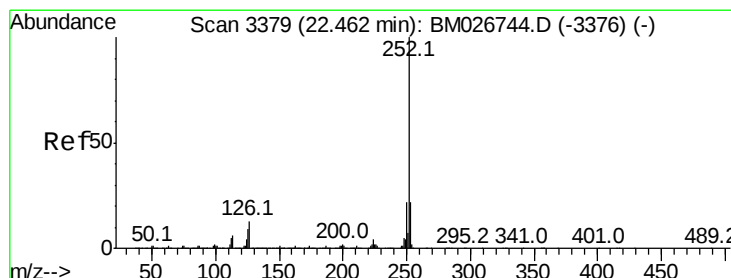
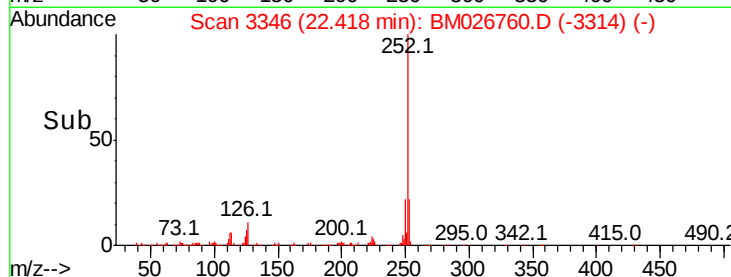
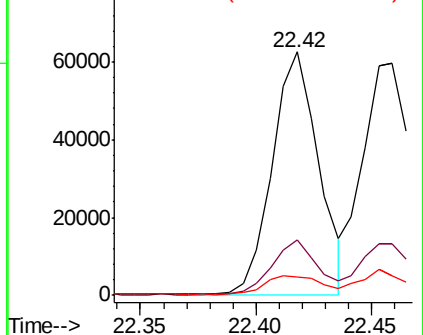
125 7.6 7.6 11.4



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: 3.588 ng/ul

RT: 22.46 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

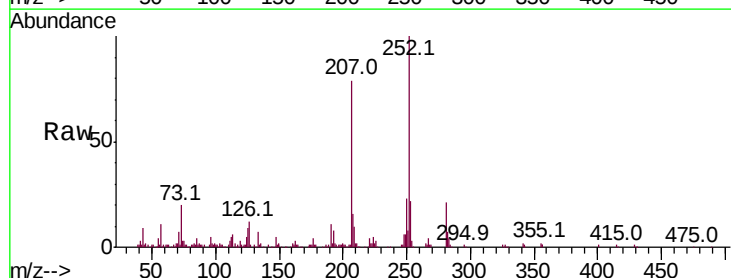
Tgt Ion:252 Resp: 89946

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

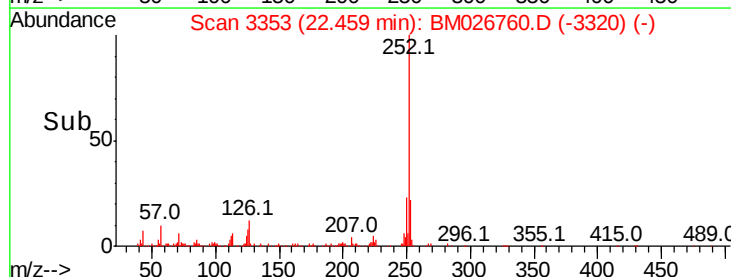
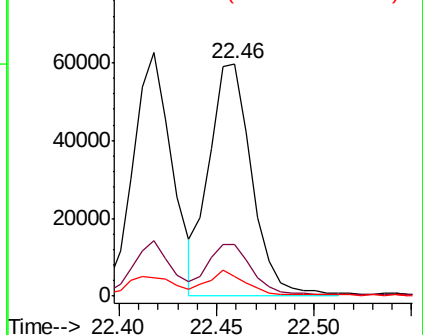
125 8.6 7.7 11.5

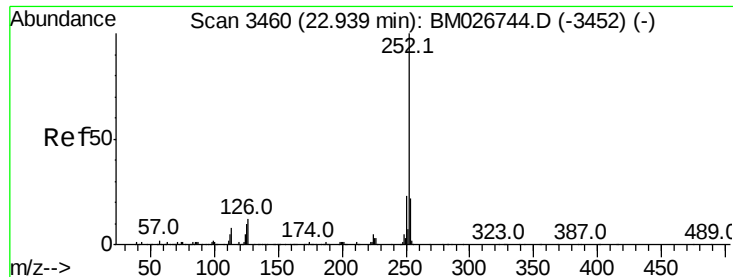


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.002 ng/ul

RT: 22.93 min Scan# 3433

Delta R.T. -0.01 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

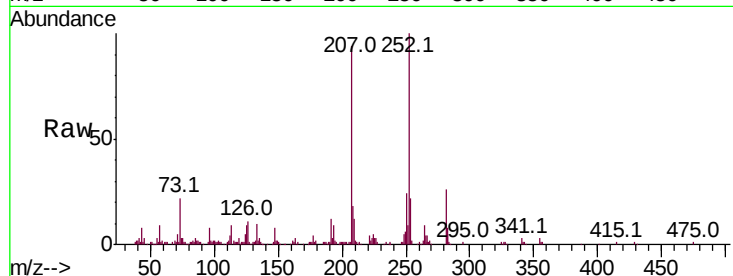
Tot Ion:252 Resp: 89802

Ion Ratio Lower Upper

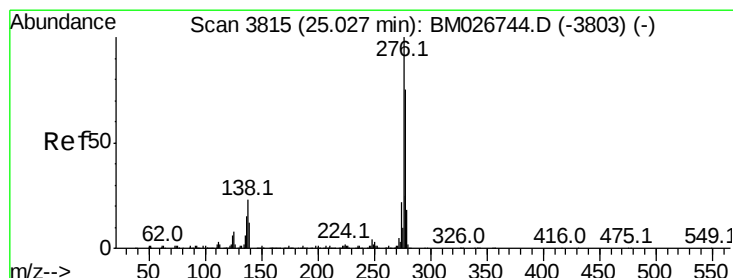
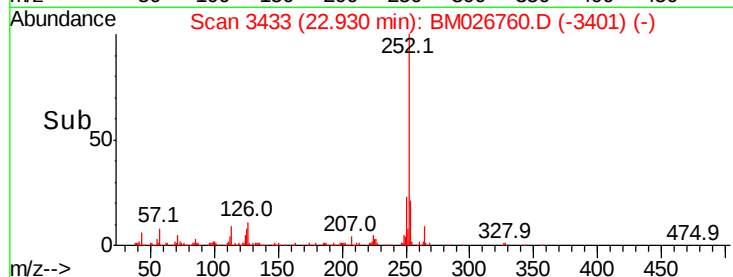
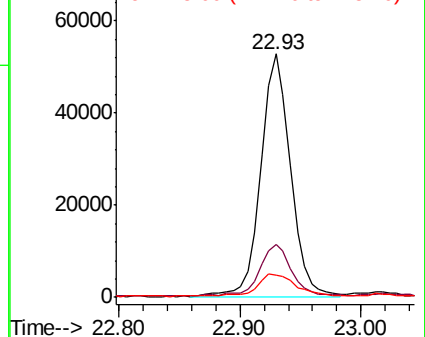
252 100

253 21.6 17.4 26.0

125 8.9 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: 3.442 ng/ul

RT: 25.01 min Scan# 3787

Delta R.T. -0.01 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

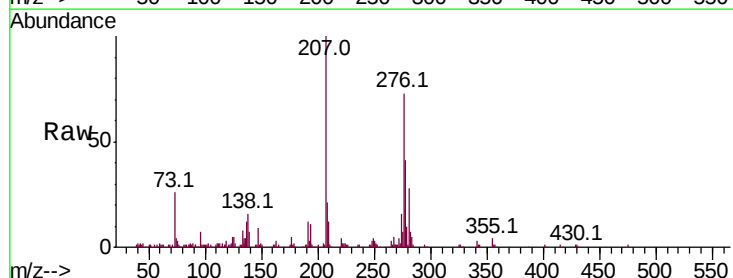
Tgt Ion:276 Resp: 100779

Ion Ratio Lower Upper

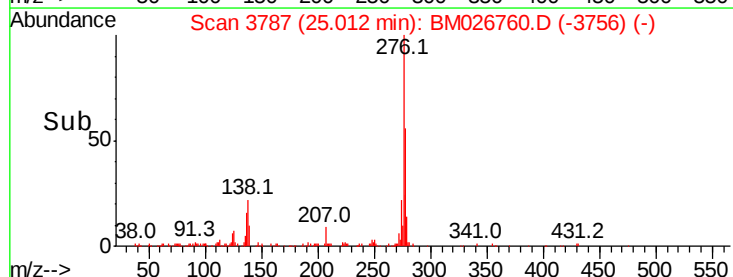
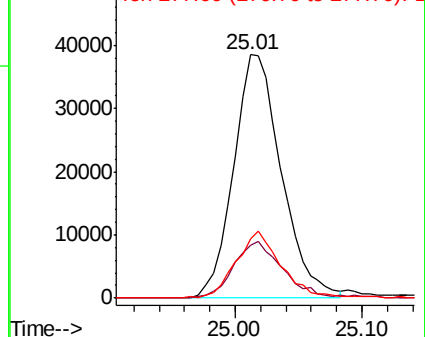
276 100

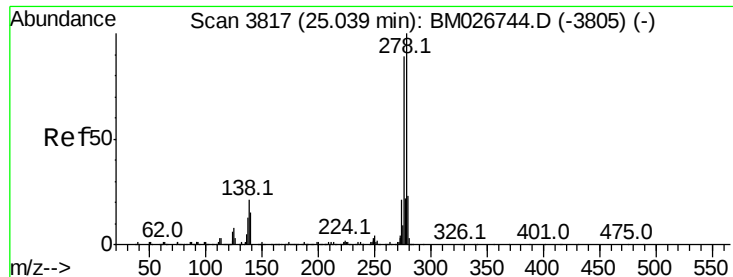
138 21.6 18.2 27.4

277 24.5 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: 3.480 ng/ul

RT: 25.03 min Scan# 3790

Delta R.T. -0.01 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-01

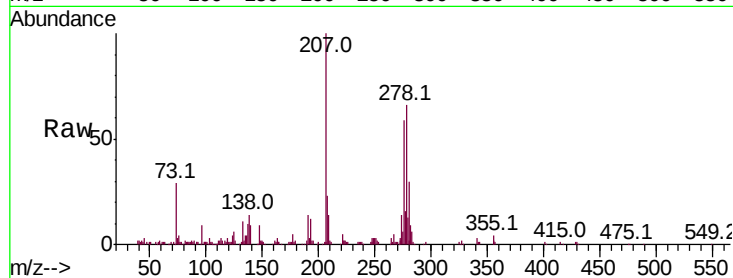
Tot Ion:278 Resp: 85846

Ion Ratio Lower Upper

278 100

139 14.3 11.4 17.2

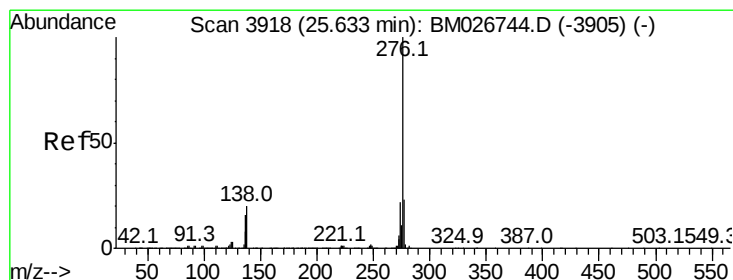
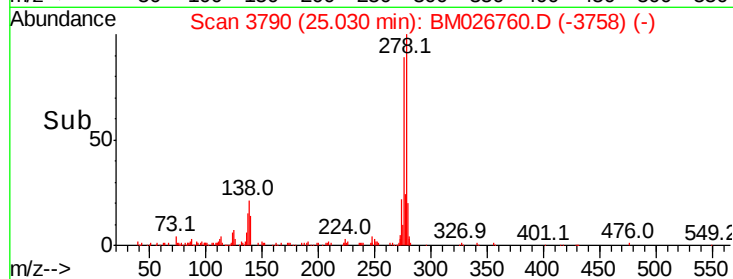
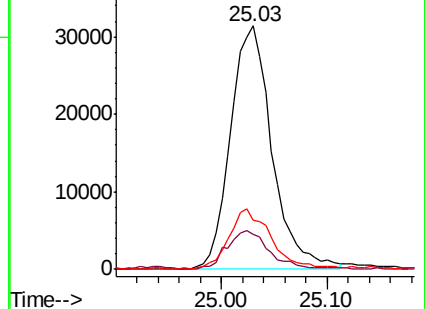
279 20.3 18.6 28.0



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(g,h,i)perylene

Concen: 3.562 ng/ul

RT: 25.62 min Scan# 3891

Delta R.T. -0.01 min

Lab File: BM026760.D

Acq: 14 Jul 2020 20:13

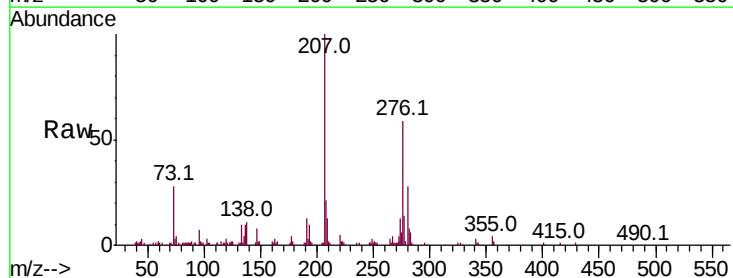
Tgt Ion:276 Resp: 87005

Ion Ratio Lower Upper

276 100

138 18.1 15.6 23.4

277 23.2 18.6 27.8



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

