

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026762.D
 Acq On : 14 Jul 2020 21:26
 Operator : JU/CG
 Sample : L1955-16
 Misc : MDL-SOIL-ME-02
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-02

Quant Time: Jul 15 00:25:40 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	67541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	269142	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	159926	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	319802	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	327172	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	381800	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	3577	1.59	ng/uL	0.00
5) Phenol-d5	6.52	99	174204	28.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	123568	29.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	137476	28.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	132208	26.72	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	63153	29.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	68211	30.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	127132	28.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	171079	36.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	381202	29.88	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	462009	29.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	43636	23.70	ng/ul	0.00
58) Fluorene-d10	14.98	176	317800	28.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	54048	27.05	ng/ul	0.00
71) Anthracene-d10	16.83	188	482884	30.66	ng/ul	0.00
79) Pyrene-d10	19.14	212	538123	31.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	585817	28.43	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.94	88	3704	1.522	ng/uL# 86
4) Benzaldehyde	6.48	77	10621	3.233	ng/ul 91
6) Phenol	6.55	94	24443	3.594	ng/ul# 85
8) Bis(2-Chloroethyl)ether	6.76	93	19629	3.791	ng/ul 99
10) 2-Chlorophenol	6.88	128	18793	3.587	ng/ul 92
11) 2-Methylphenol	7.78	108	16168	3.328	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	7.85	45	39652	3.947	ng/ul# 96
14) Acetophenone	8.13	105	28246	3.370	ng/ul# 84
15) N-Nitroso-di-n-propylamine	8.12	70	16082	3.248	ng/ul 94
16) 4-Methylphenol	8.10	108	18425	3.412	ng/ul 97
17) Hexachloroethane	8.36	117	8152	3.511	ng/ul 97
20) Nitrobenzene	8.50	77	24924	3.713	ng/ul 98
21) Isophorone	9.02	82	38835	3.442	ng/ul 100
23) 2-Nitrophenol	9.20	139	9897	3.769	ng/ul 96
24) 2,4-Dimethylphenol	9.28	107	21144	3.497	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.51	93	23988	3.576	ng/ul 94
27) 2,4-Dichlorophenol	9.74	162	16759	3.649	ng/ul 93
28) Naphthalene	10.11	128	57101	3.584	ng/ul 99
30) 4-Chloroaniline	10.24	127	21830	4.390	ng/ul# 88
31) Hexachlorobutadiene	10.40	225	12941	3.888	ng/ul 95
33) 4-Chloro-3-methylphenol	11.40	107	15296	2.927	ng/ul 91
34) 2-Methylnaphthalene	11.74	142	38275	3.430	ng/ul 100
35) 1-Methylnaphthalene	11.97	142	38096	3.662	ng/ul 98

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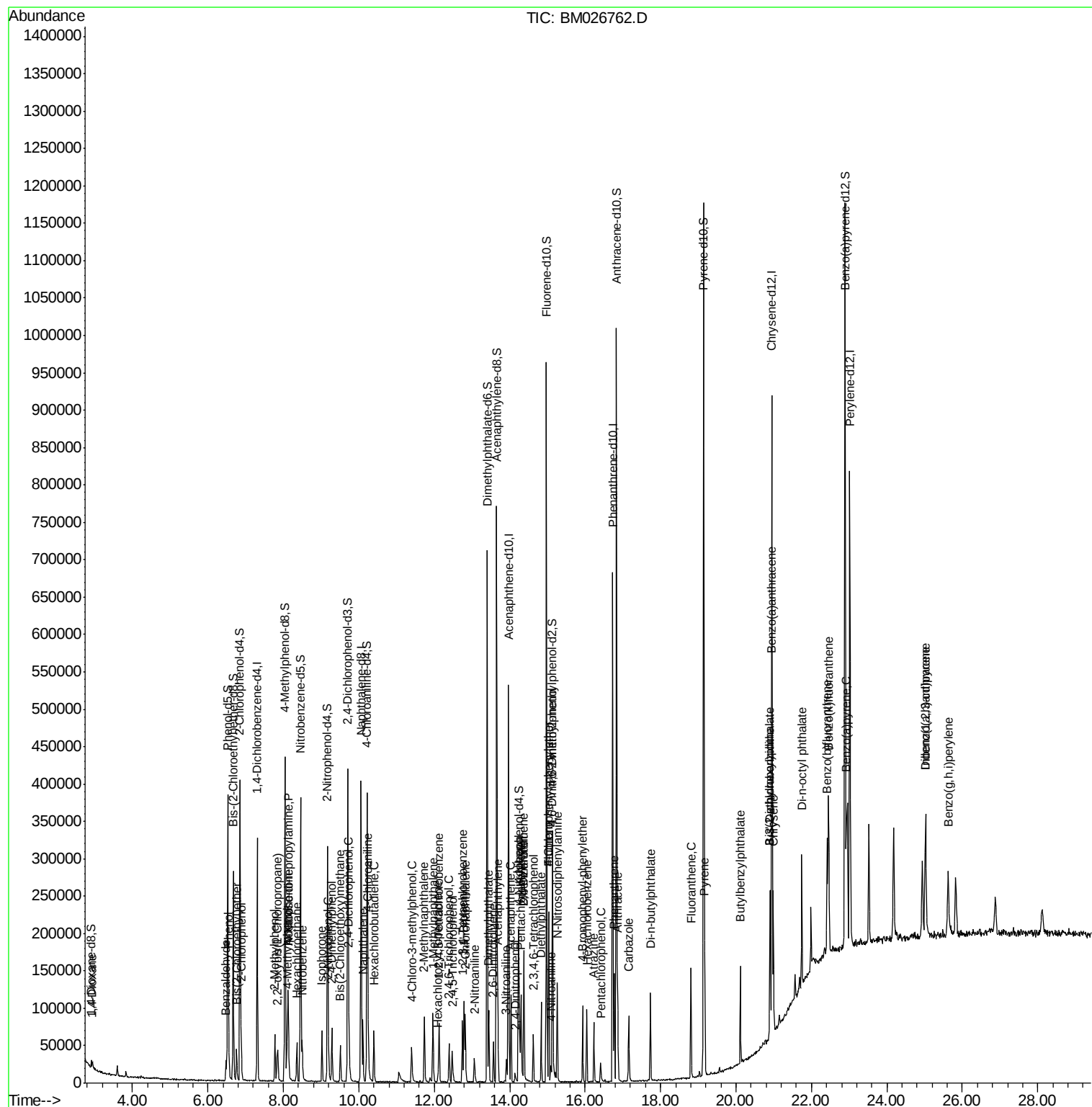
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	21700	3.733	ng/ul	99
38) Hexachlorocyclopentadiene	12.10	237	3319	1.119	ng/ul#	82
39) 2,4,6-Trichlorophenol	12.40	196	11595	3.379	ng/ul	97
40) 2,4,5-Trichlorophenol	12.48	196	11418	3.043	ng/ul	86
41) 1,1'-Biphenyl	12.79	154	50981	3.683	ng/ul	98
42) 2-Chloronaphthalene	12.82	162	37783	3.468	ng/ul	98
43) 2-Nitroaniline	13.06	65	10764	2.938	ng/ul	93
45) Dimethylphthalate	13.45	163	49437	3.702	ng/ul	96
46) 2,6-Dinitrotoluene	13.58	165	8106	3.141	ng/ul	96
48) Acenaphthylene	13.68	152	60741	3.679	ng/ul	97
49) 3-Nitroaniline	13.91	138	5844	2.724	ng/ul	86
50) Acenaphthene	14.04	153	42554	3.647	ng/ul	97
51) 2,4-Dinitrophenol	14.15	184	2622	1.956	ng/ul#	85
53) 4-Nitrophenol	14.25	109	6330	3.341	ng/ul	91
54) Dibenzofuran	14.38	168	59051	3.567	ng/ul	99
55) 2,4-Dinitrotoluene	14.38	165	12009	3.129	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	14.62	232	10729	3.321	ng/ul#	95
57) Diethylphthalate	14.84	149	48515	3.615	ng/ul	97
59) Fluorene	15.03	166	48073	3.554	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	25544	3.633	ng/ul	96
61) 4-Nitroaniline	15.09	138	4683	1.930	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.14	198	7500	3.544	ng/ul#	62
65) N-Nitrosodiphenylamine	15.26	169	40288	3.768	ng/ul	94
66) 4-Bromophenyl-phenylether	15.94	248	15046	3.903	ng/ul	93
67) Hexachlorobenzene	16.04	284	16739	3.810	ng/ul	96
68) Atrazine	16.23	200	14113	4.051	ng/ul	97
69) Pentachlorophenol	16.41	266	5990	2.765	ng/ul#	90
70) Phenanthrene	16.77	178	75573	3.795	ng/ul	98
72) Anthracene	16.87	178	74924	3.729	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	21977	3.986	ng/uL	96
74) Pentachlorobenzene	14.30	250	21306	4.034	ng/uL	97
75) Carbazole	17.15	167	58633	3.644	ng/ul	96
76) Di-n-butylphthalate	17.73	149	69655	3.578	ng/ul	99
77) Fluoranthene	18.81	202	84266	4.091	ng/ul	98
80) Pvrene	19.17	202	91777	3.958	ng/ul	99
81) Butylbenzylphthalate	20.11	149	29359	3.569	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.89	252	19439	2.948	ng/ul	96
83) Benzo(a)anthracene	20.94	228	88696	3.938	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.91	149	44385	3.623	ng/ul#	96
85) Chrysene	20.99	228	87070	3.897	ng/ul	99
87) Di-n-octyl phthalate	21.75	149	78312	3.329	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	89509	3.451	ng/ul	97
89) Benzo(k)fluoranthene	22.46	252	92591	3.602	ng/ul	100
91) Benzo(a)pyrene	22.93	252	90935	3.953	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.02	276	109118	3.634	ng/ul	97
93) Dibenzo(a,h)anthracene	25.03	278	90997	3.597	ng/ul	99
94) Benzo(g,h,i)perylene	25.62	276	92077	3.677	ng/ul	97

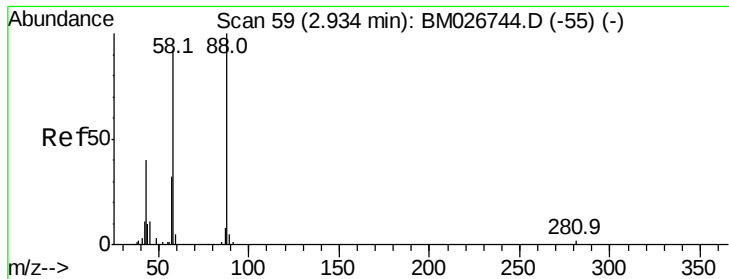
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.522 ng/uL

RT: 2.94 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

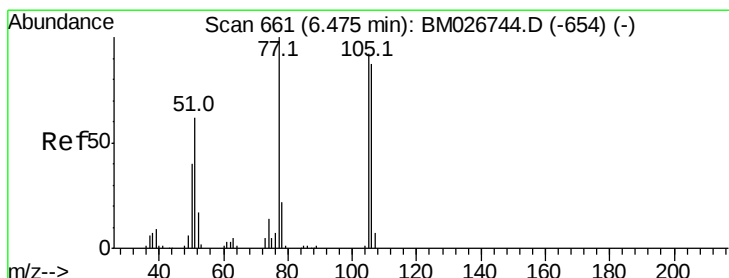
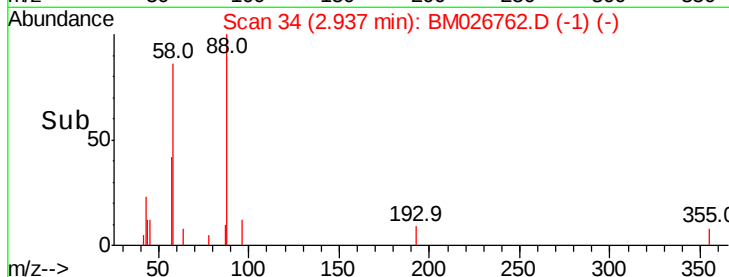
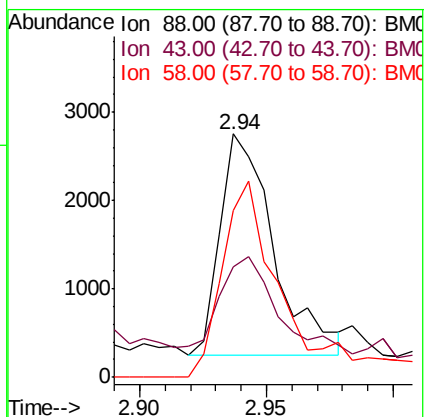
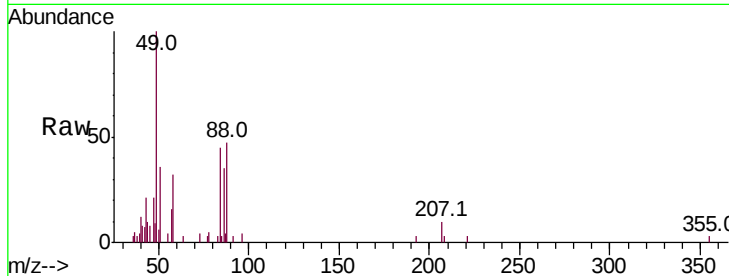
Tot Ion: 88 Resp: 3704

Ion Ratio Lower Upper

88 100

43 45.4 38.2 57.2

58 68.3 68.9 103.3#



#4

Benzaldehyde

Concen: 3.233 ng/uL

RT: 6.48 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

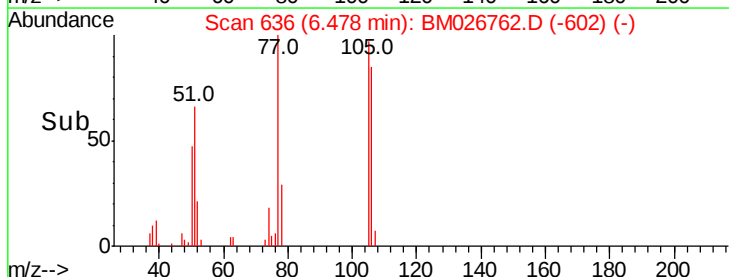
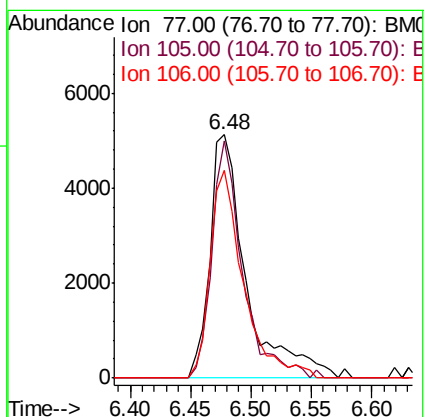
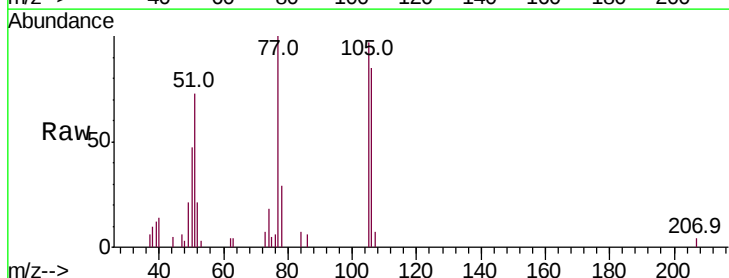
Tgt Ion: 77 Resp: 10621

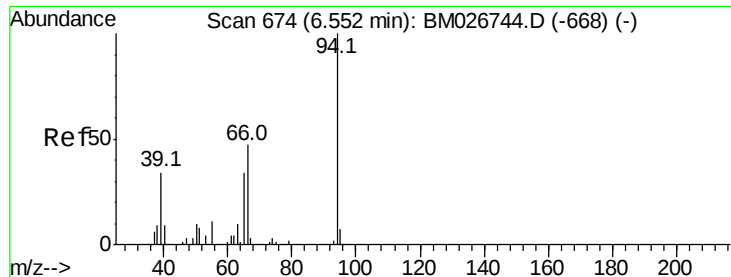
Ion Ratio Lower Upper

77 100

105 97.3 67.5 101.3

106 85.4 66.2 99.4





#6

Phenol

Concen: 3.594 ng/ul

RT: 6.55 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

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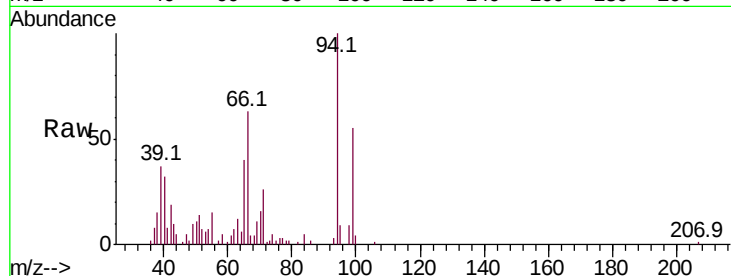
Tot Ion: 94 Resp: 24443

Ion Ratio Lower Upper

94 100

65 40.2 27.8 41.8

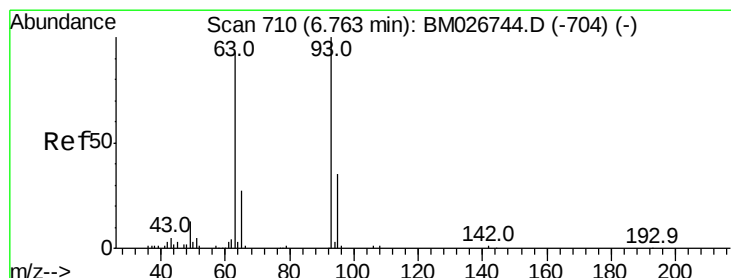
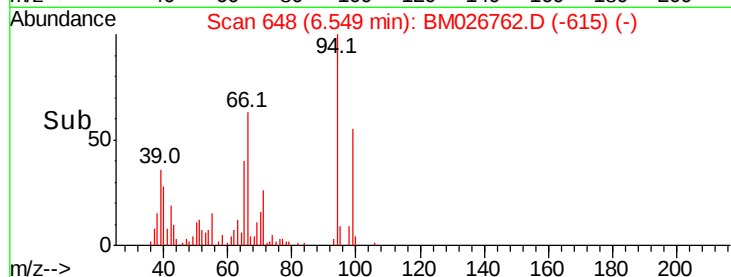
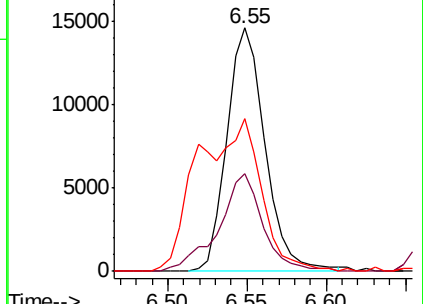
66 62.8 39.9 59.9#



Abundance Ion 94.00 (93.70 to 94.70): BM026762.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM026762.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM026762.D (-648) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 3.791 ng/ul

RT: 6.76 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

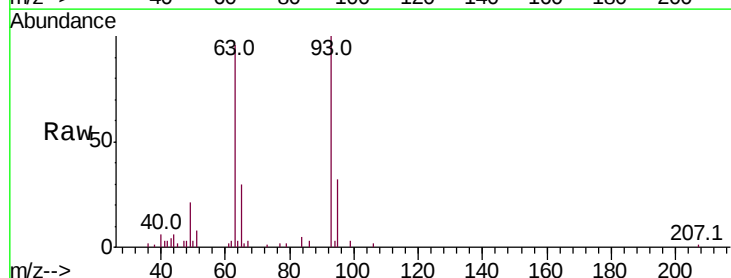
Tgt Ion: 93 Resp: 19629

Ion Ratio Lower Upper

93 100

63 95.9 75.5 113.3

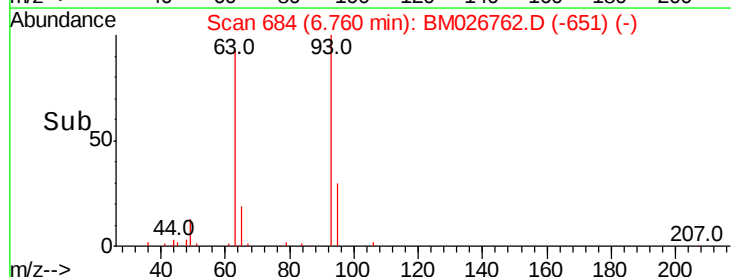
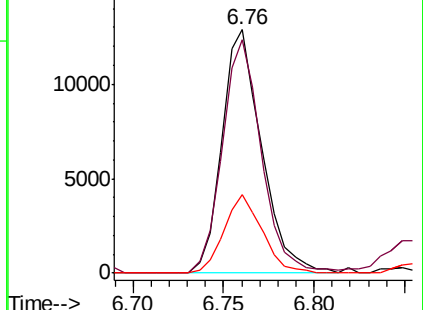
95 32.3 25.2 37.8

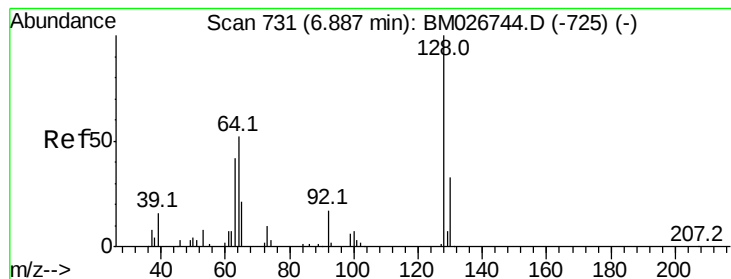


Abundance Ion 93.00 (92.70 to 93.70): BM026762.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM026762.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM026762.D (-684) (-)





#10

2-Chlorophenol

Concen: 3.587 ng/ul

RT: 6.88 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM026762.D

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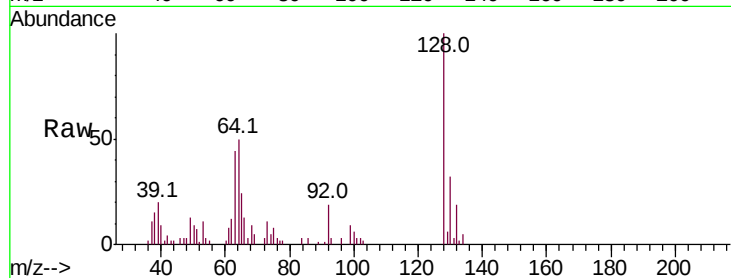
Tot Ion:128 Resp: 18793

Ion Ratio Lower Upper

128 100

64 50.5 47.4 71.2

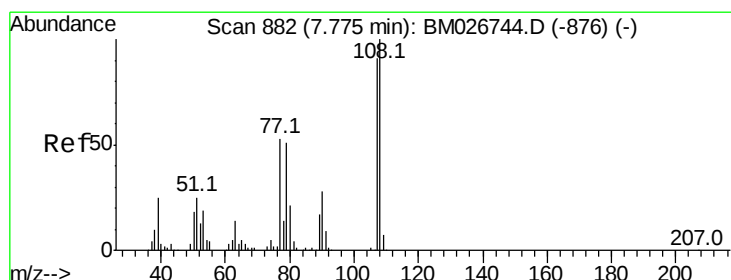
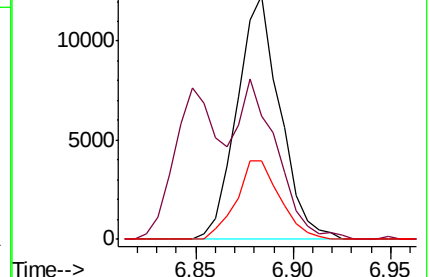
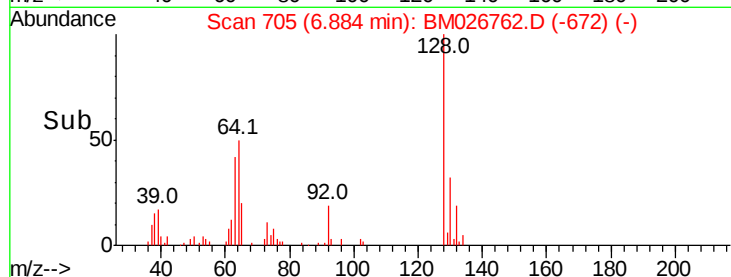
130 32.3 25.8 38.6



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: 3.328 ng/ul

RT: 7.78 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM026762.D

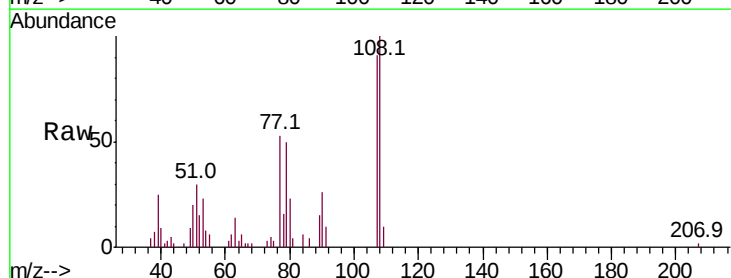
Acq: 14 Jul 2020 21:26

Tgt Ion:108 Resp: 16168

Ion Ratio Lower Upper

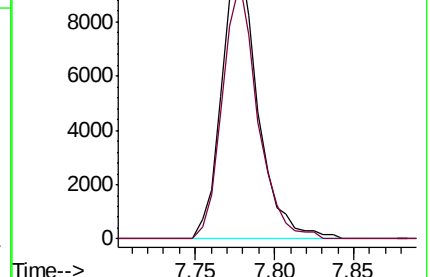
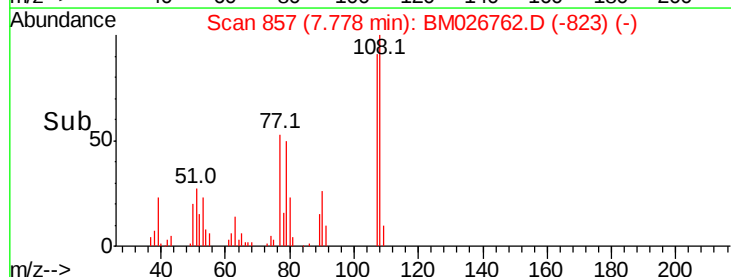
108 100

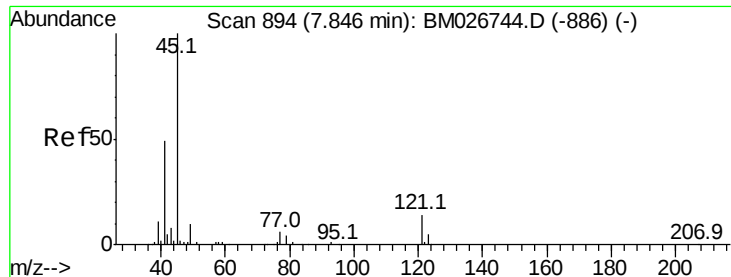
107 90.7 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

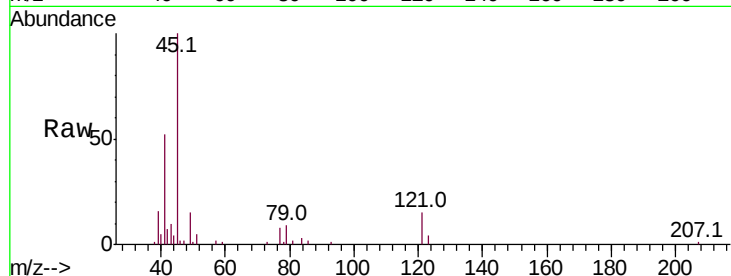




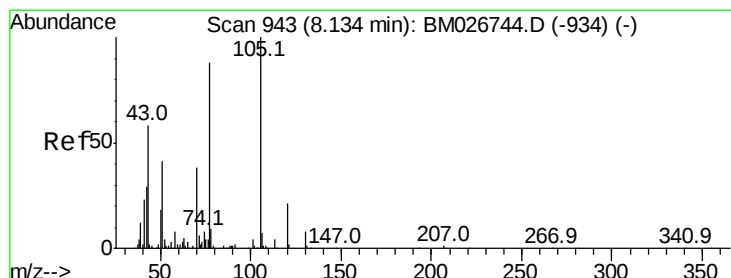
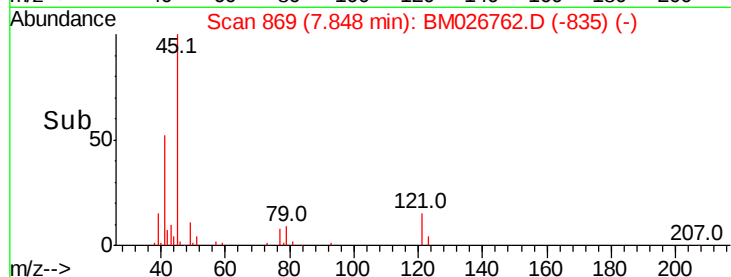
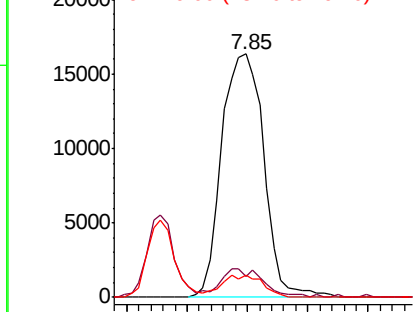
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.947 ng/ul
RT: 7.85 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM026762.D
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Tot Ion: 45 Resp: 39652
Ion Ratio Lower Upper
45 100
77 8.4 8.8 13.2#
79 9.0 7.0 10.6

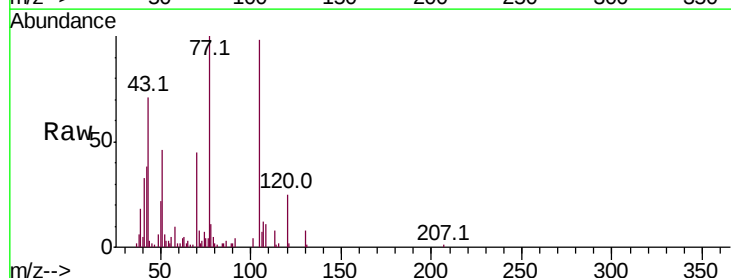


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

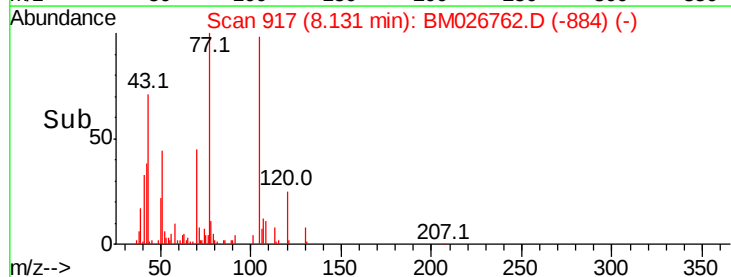
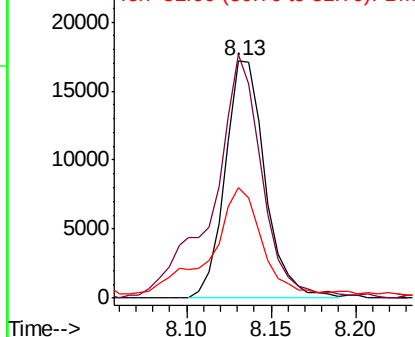


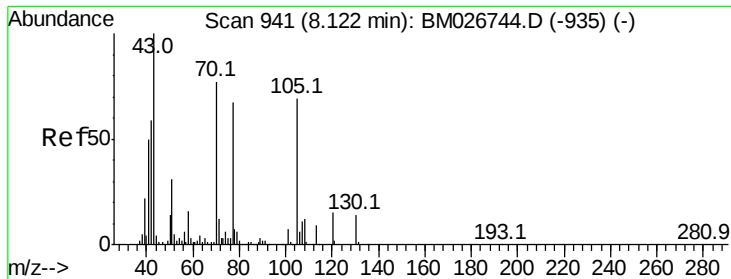
#14
Acetophenone
Concen: 3.370 ng/ul
RT: 8.13 min Scan# 917
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion:105 Resp: 28246
Ion Ratio Lower Upper
105 100
77 102.5 69.8 104.6
51 46.7 30.5 45.7#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 3.248 ng/ul

RT: 8.12 min Scan# 916

Delta R.T. 0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

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Tot Ion: 70 Resp: 16082

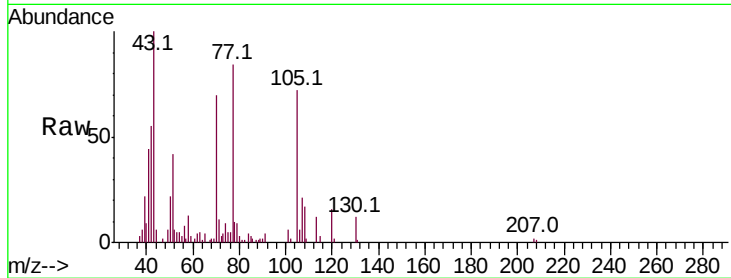
Ion Ratio Lower Upper

70 100

42 78.9 58.5 87.7

101 8.7 7.0 10.4

130 17.7 13.2 19.8

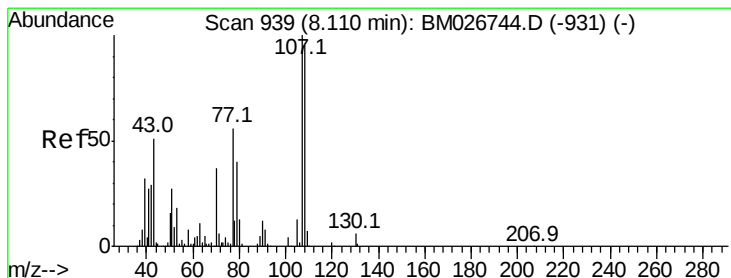
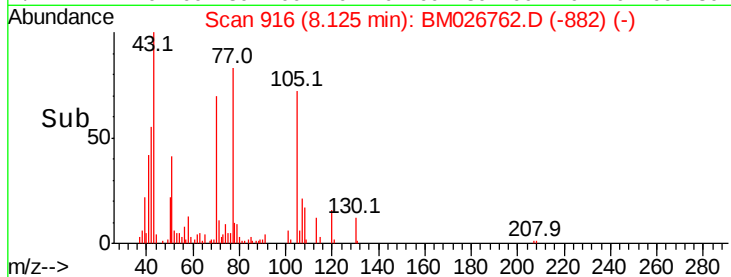
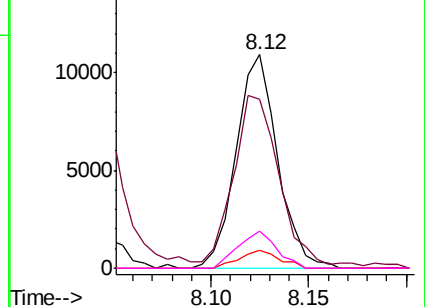


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 3.412 ng/ul

RT: 8.10 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM026762.D

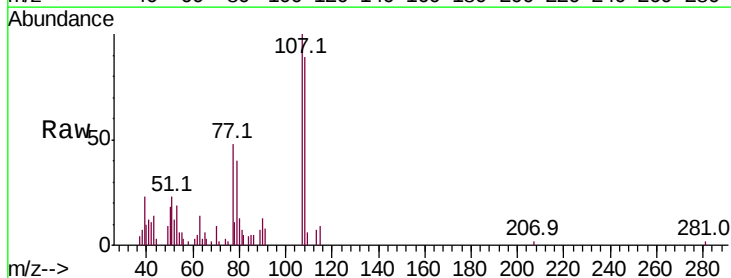
Acq: 14 Jul 2020 21:26

Tgt Ion: 108 Resp: 18425

Ion Ratio Lower Upper

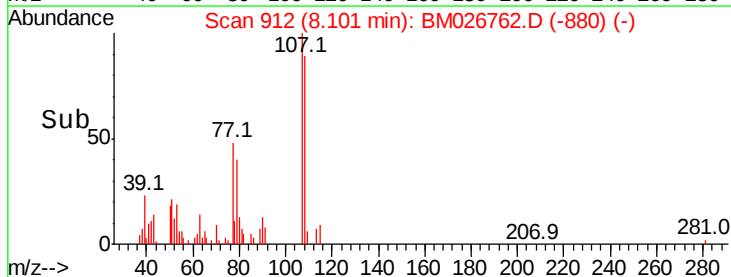
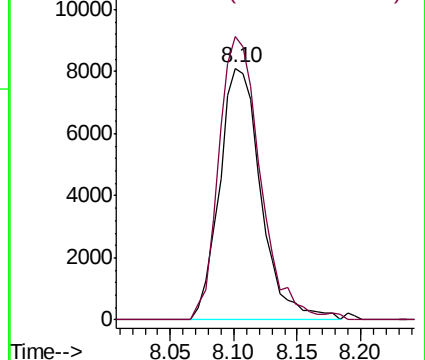
108 100

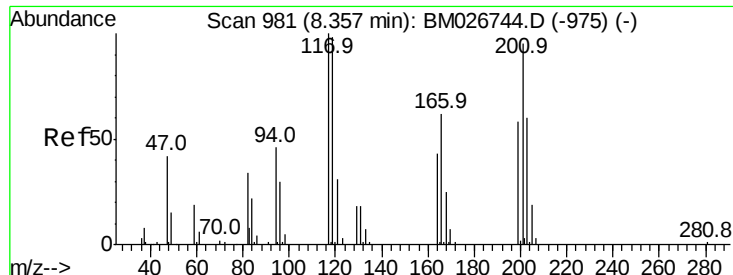
107 112.5 87.4 131.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 3.511 ng/ul

RT: 8.36 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

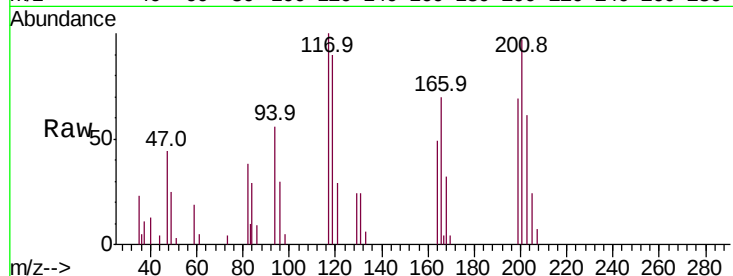
Tot Ion:117 Resp: 8152

Ion Ratio Lower Upper

117 100

201 97.4 77.0 115.6

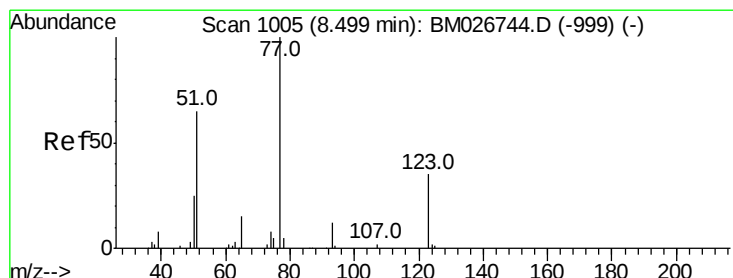
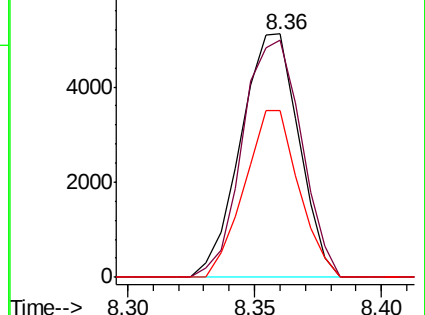
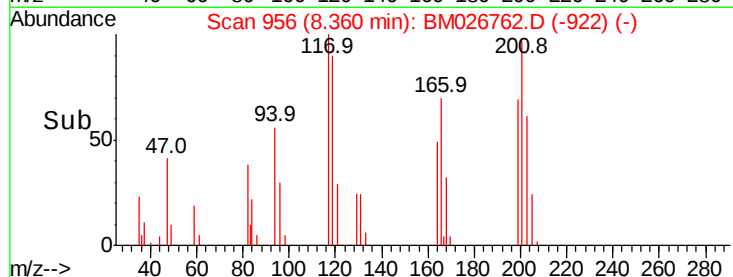
199 68.5 51.1 76.7



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: 3.713 ng/ul

RT: 8.50 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

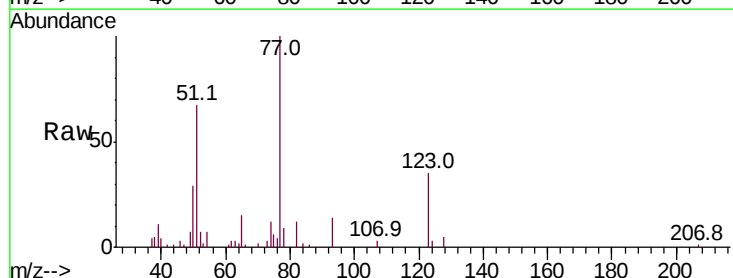
Tgt Ion: 77 Resp: 24924

Ion Ratio Lower Upper

77 100

123 35.4 29.8 44.8

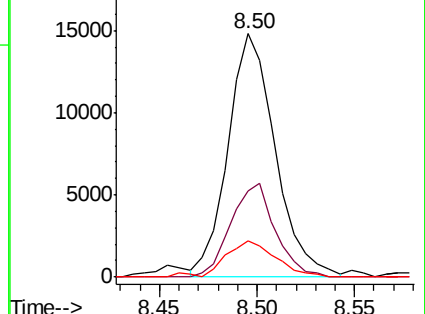
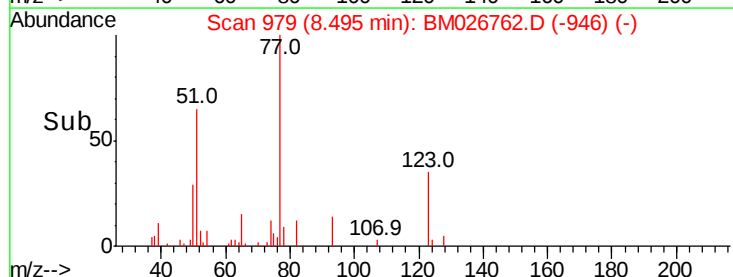
65 14.7 11.8 17.6

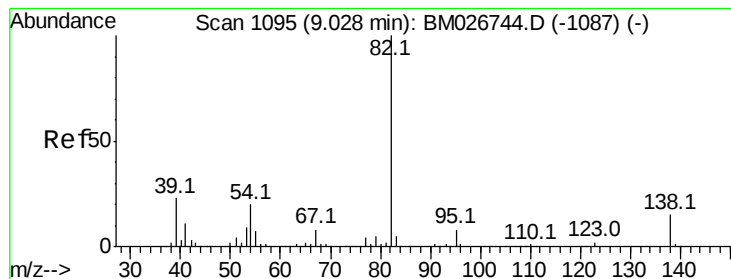


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 3.442 ng/ul

RT: 9.02 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

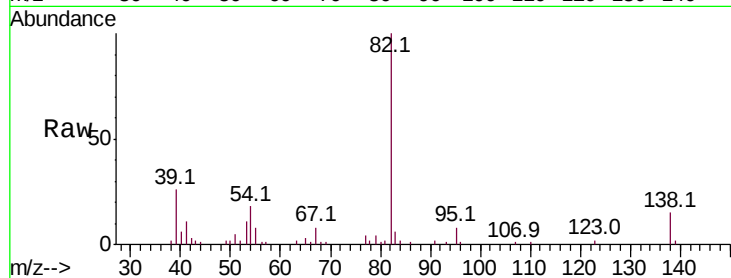
Tot Ion: 82 Resp: 38835

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 15.4 12.2 18.4

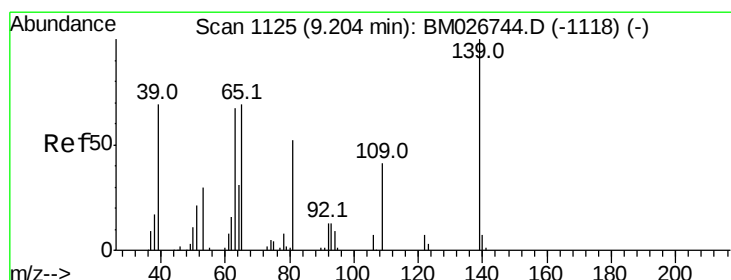
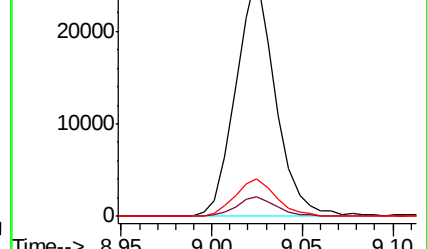
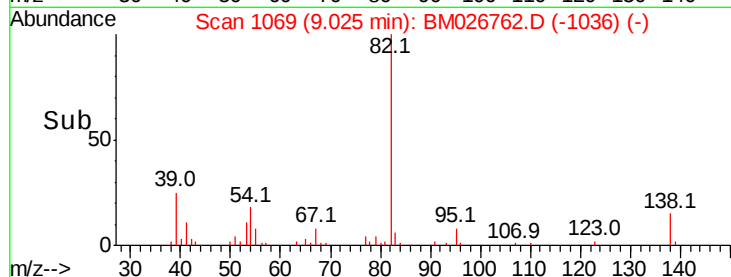


Abundance Ion 82.00 (81.70 to 82.70): BM026744.D (-1087) (-)

Ion 95.00 (94.70 to 95.70): BM026744.D (-1087) (-)

Ion 138.00 (137.70 to 138.70): BM026744.D (-1087) (-)

Time-->



#23

2-Nitrophenol

Concen: 3.769 ng/ul

RT: 9.20 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

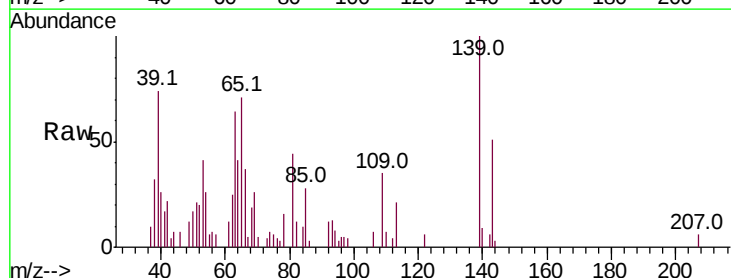
Tgt Ion:139 Resp: 9897

Ion Ratio Lower Upper

139 100

65 70.8 55.0 82.6

109 35.4 31.4 47.2

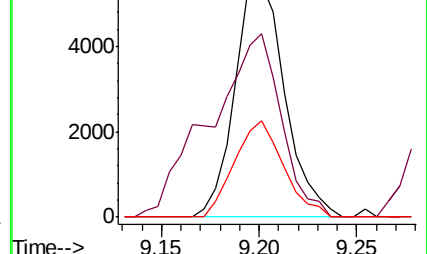
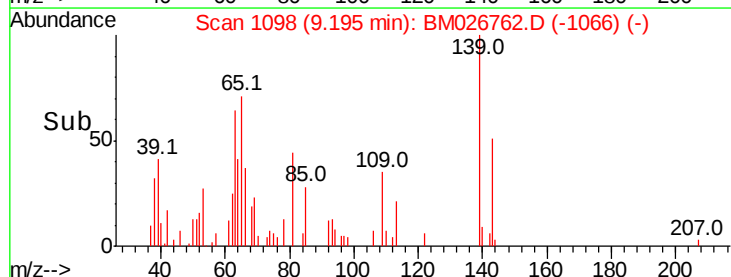


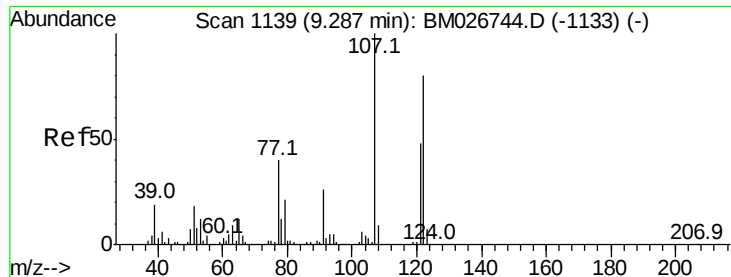
Abundance Ion 139.00 (138.70 to 139.70): BM026744.D (-1118) (-)

Ion 65.00 (64.70 to 65.70): BM026744.D (-1118) (-)

Ion 109.00 (108.70 to 109.70): BM026744.D (-1118) (-)

Time-->

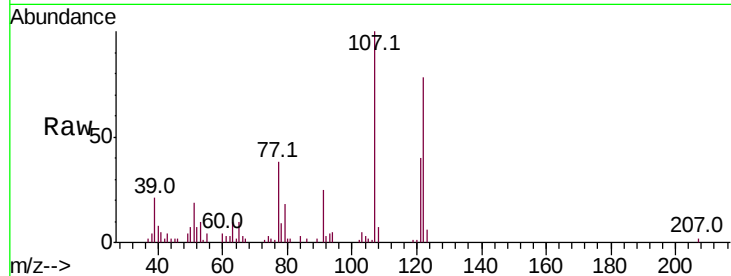




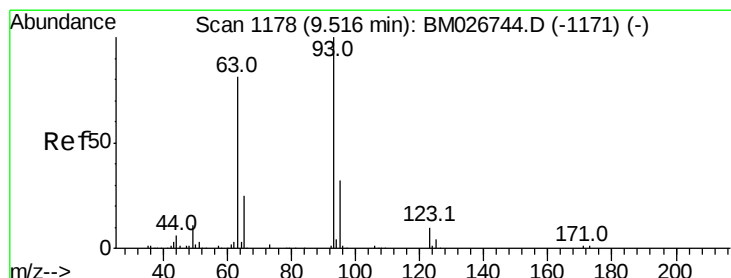
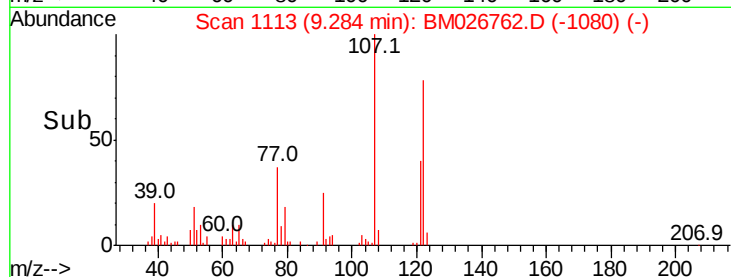
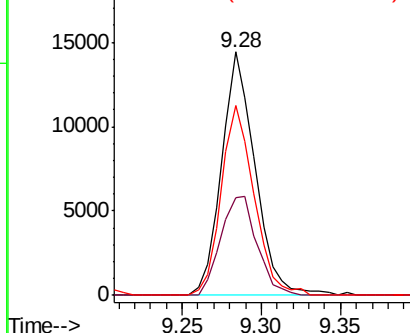
#24
2,4-Dimethylphenol
Concen: 3.497 ng/ul
RT: 9.28 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:107 Resp: 21144
Ion Ratio Lower Upper
107 100
121 40.2 38.1 57.1
122 78.2 62.7 94.1

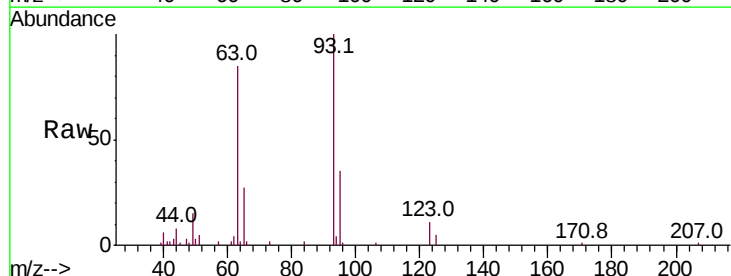


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E

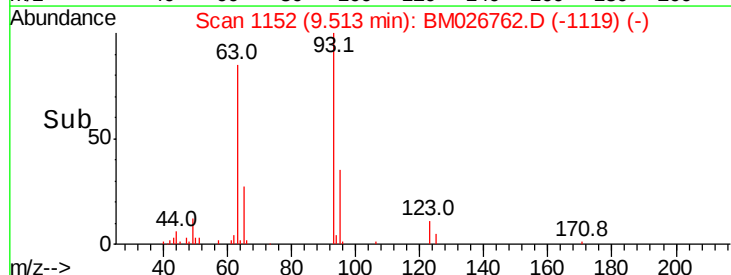
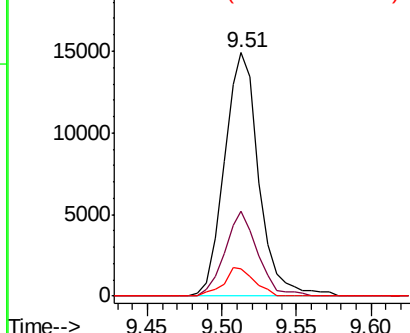


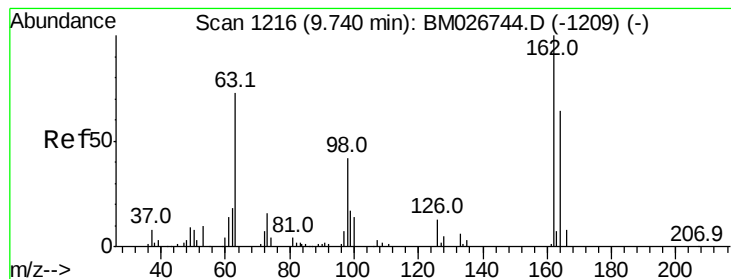
#25
Bis(2-Chloroethoxy)methane
Concen: 3.576 ng/ul
RT: 9.51 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion: 93 Resp: 23988
Ion Ratio Lower Upper
93 100
95 34.6 24.4 36.6
123 11.0 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: 3.649 ng/ul

RT: 9.74 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

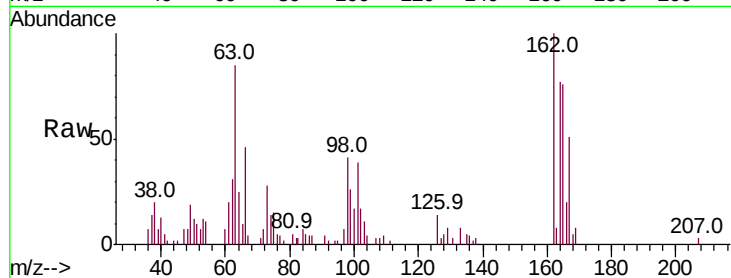
Tot Ion:162 Resp: 16759

Ion Ratio Lower Upper

162 100

164 76.9 55.0 82.6

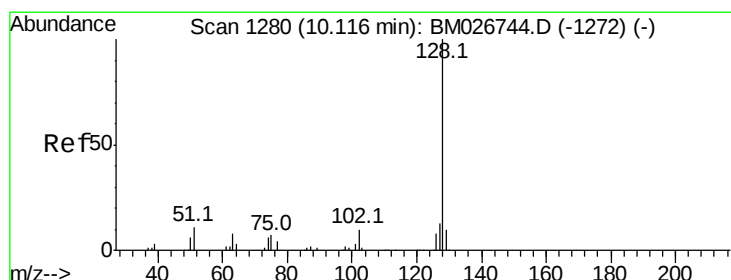
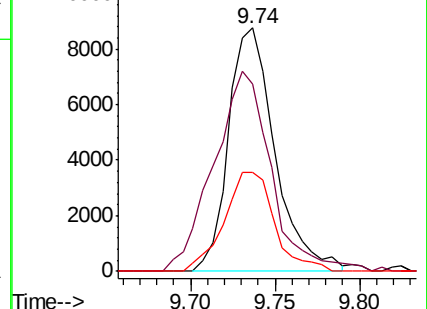
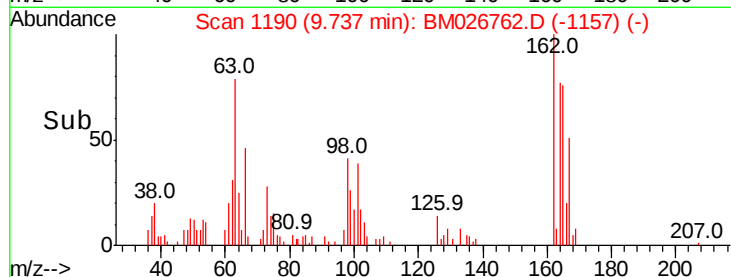
98 40.6 31.9 47.9



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: 3.584 ng/ul

RT: 10.11 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

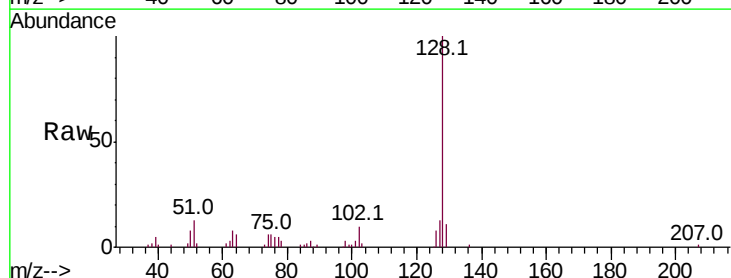
Tgt Ion:128 Resp: 57101

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

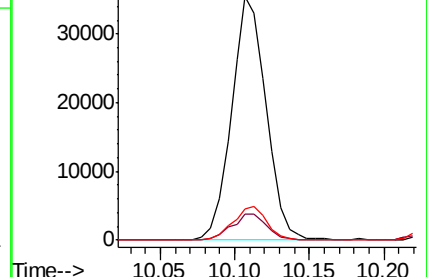
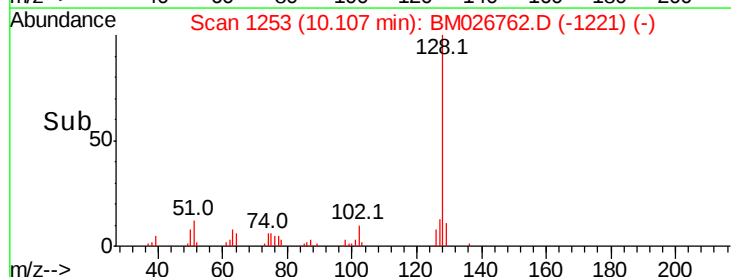
127 12.8 10.6 15.8

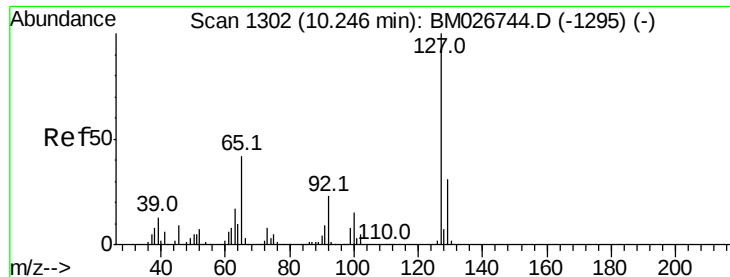


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

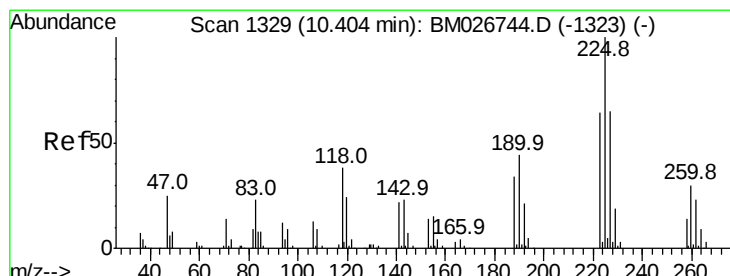
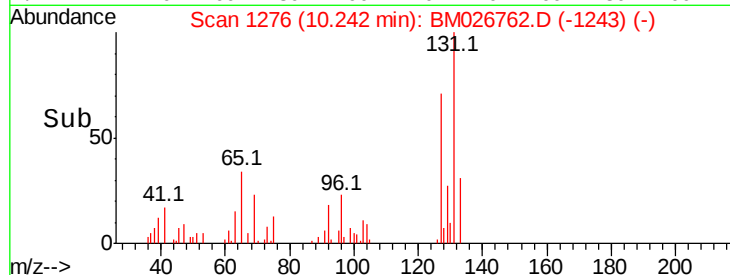
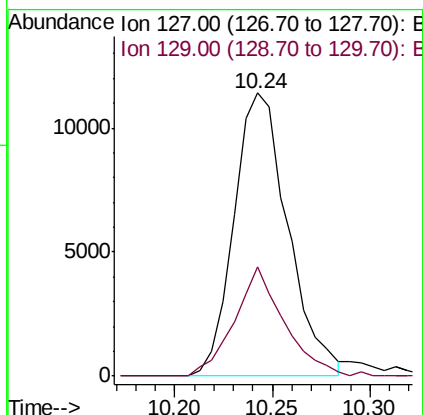
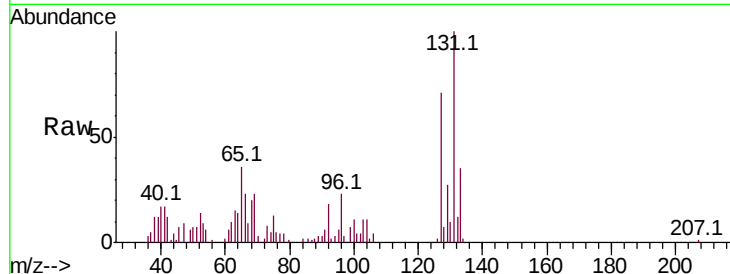




#30
4-Chloroaniline
Concen: 4.390 ng/ul
RT: 10.24 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

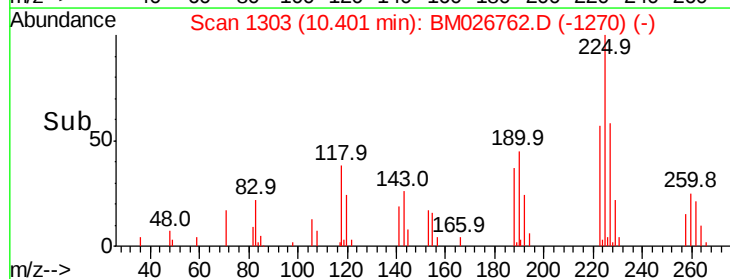
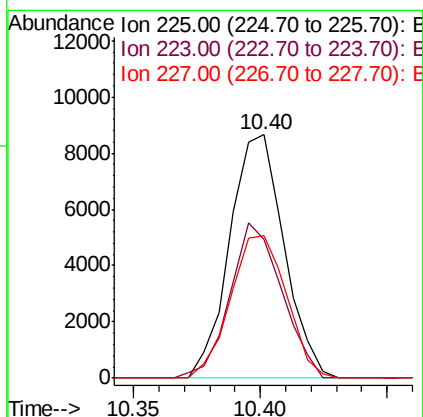
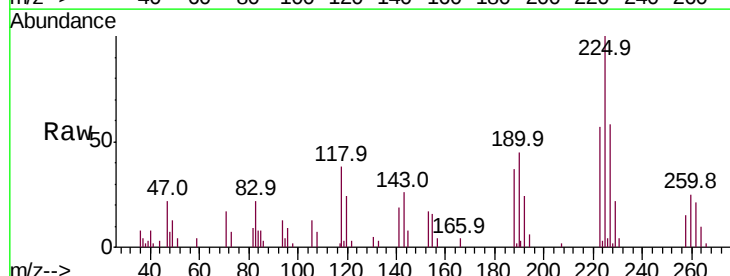
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-02

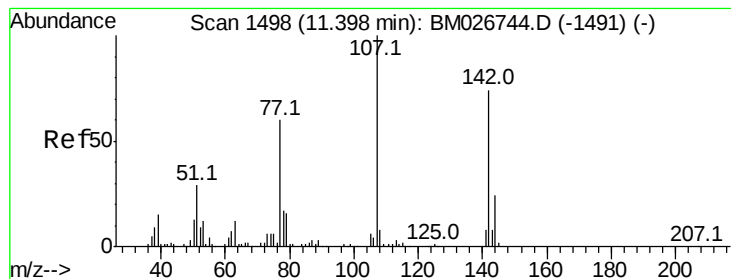
Tot Ion:127 Resp: 21830
Ion Ratio Lower Upper
127 100
129 38.5 25.3 37.9#



#31
Hexachlorobutadiene
Concen: 3.888 ng/ul
RT: 10.40 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion:225 Resp: 12941
Ion Ratio Lower Upper
225 100
223 59.6 49.7 74.5
227 58.4 50.4 75.6





#33

4-Chloro-3-methylphenol

Concen: 2.927 ng/ul

RT: 11.40 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

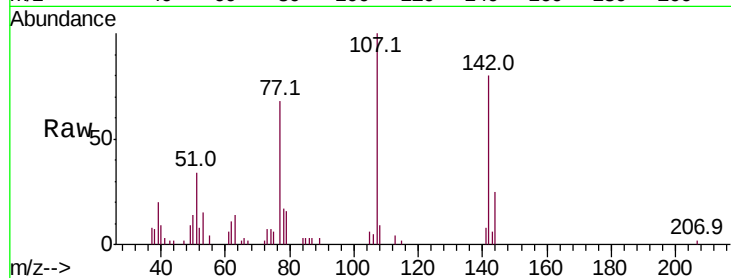
Tot Ion:107 Resp: 15296

Ion Ratio Lower Upper

107 100

144 24.7 17.9 26.9

142 79.8 57.0 85.6

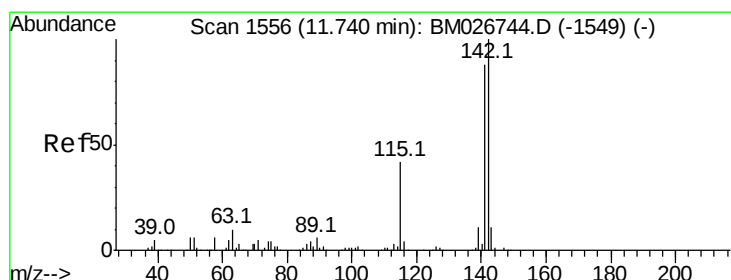
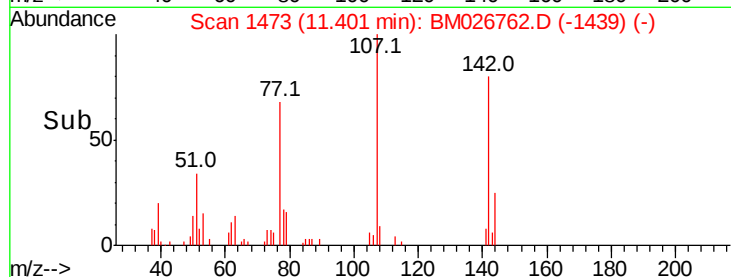
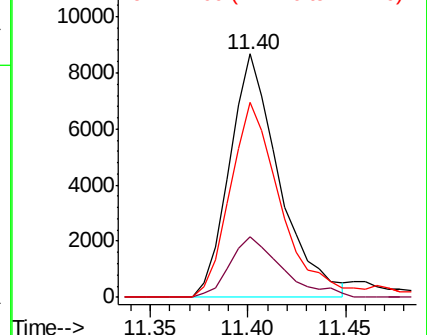


Abundance

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: 3.430 ng/ul

RT: 11.74 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BM026762.D

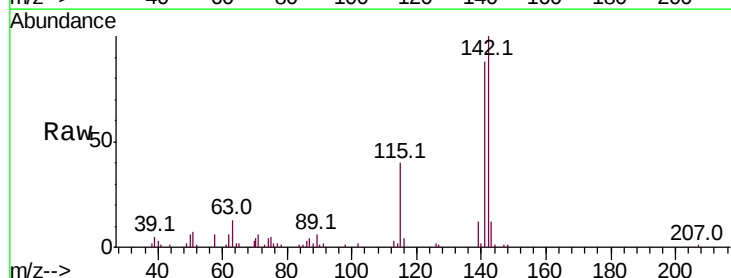
Acq: 14 Jul 2020 21:26

Tgt Ion:142 Resp: 38275

Ion Ratio Lower Upper

142 100

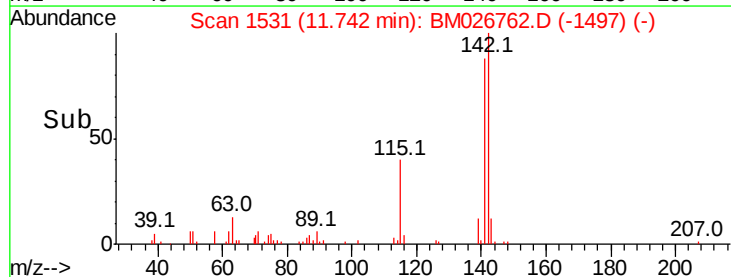
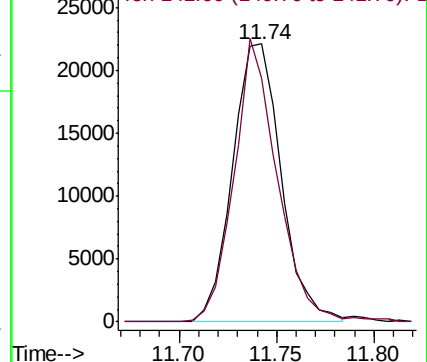
141 87.7 69.9 104.9

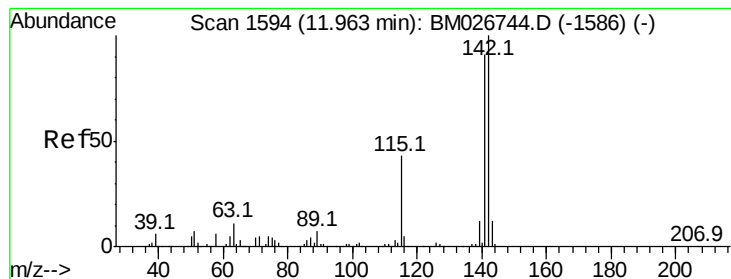


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 3.662 ng/ul

RT: 11.97 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

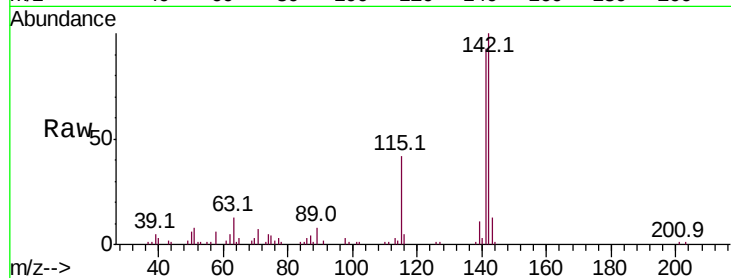
Tot Ion:142 Resp: 38096

Ion Ratio Lower Upper

142 100

141 92.9 72.7 109.1

116 5.1 3.7 5.5

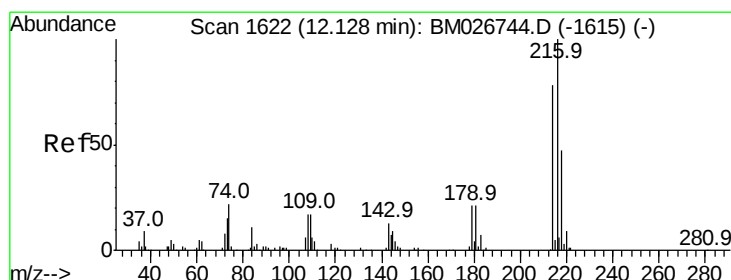
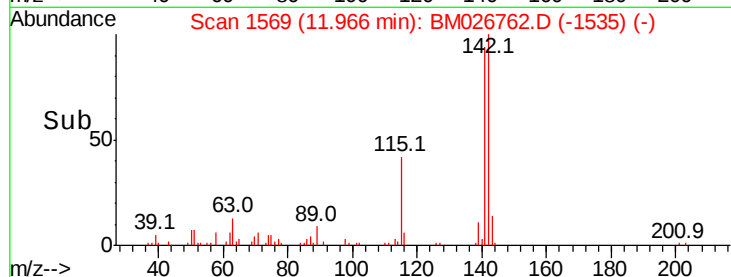
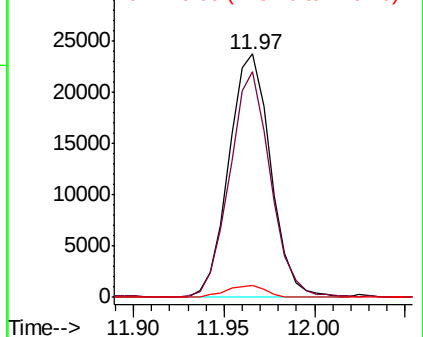


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.733 ng/ul

RT: 12.12 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Tgt Ion:216 Resp: 21700

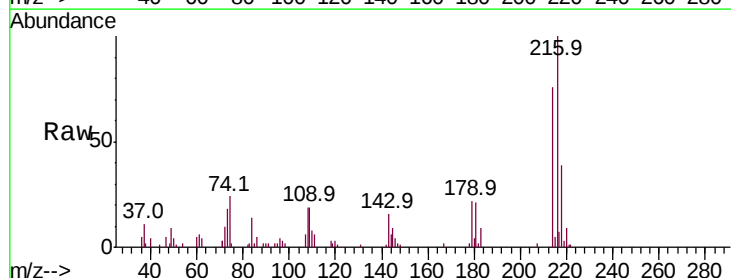
Ion Ratio Lower Upper

216 100

214 76.2 61.5 92.3

179 21.7 17.4 26.2

108 19.2 15.0 22.6



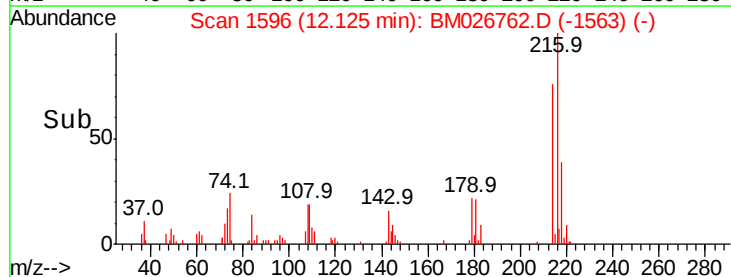
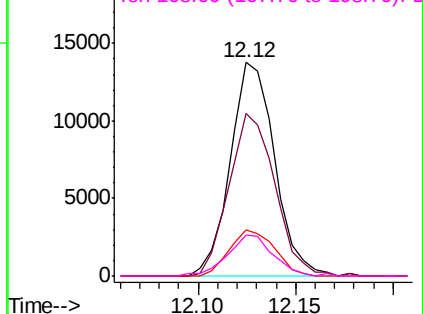
Abundance

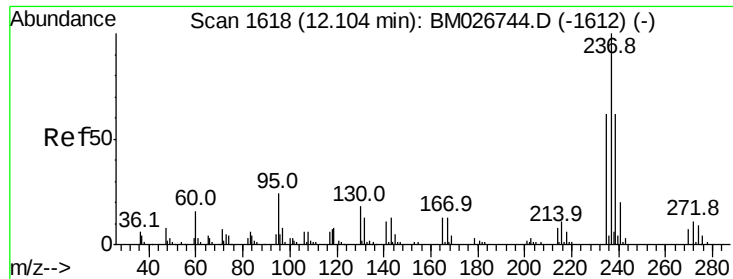
Ion 216.00 (215.70 to 216.70): E

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

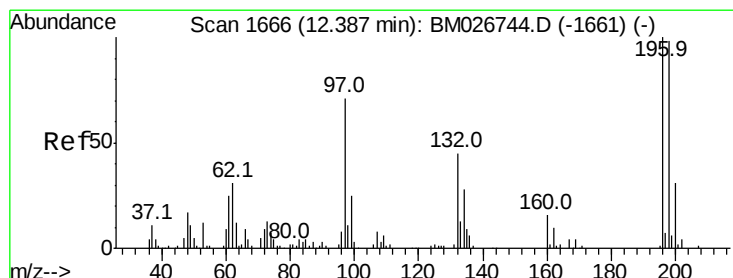
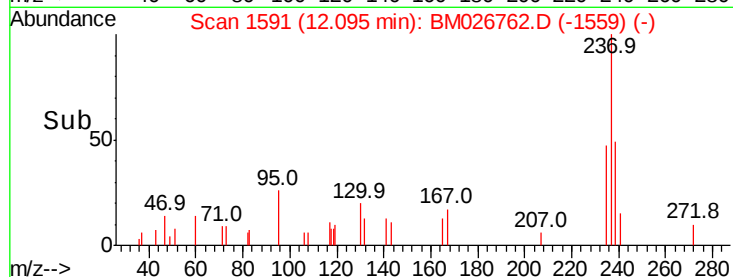
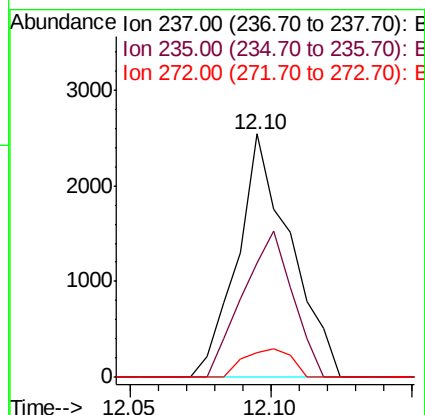
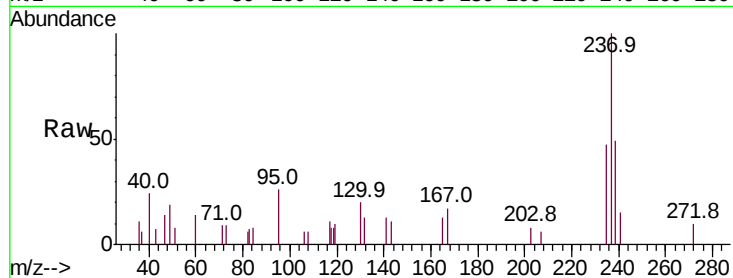




#38
Hexachlorocyclopentadiene
Concen: 1.119 ng/ul
RT: 12.10 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

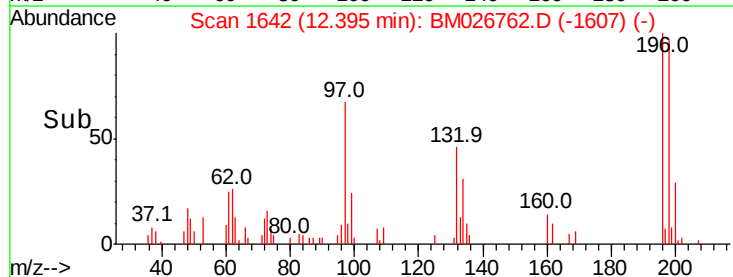
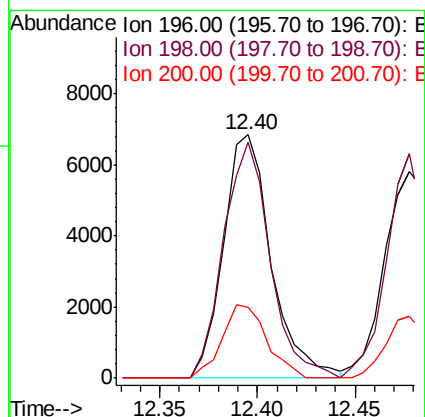
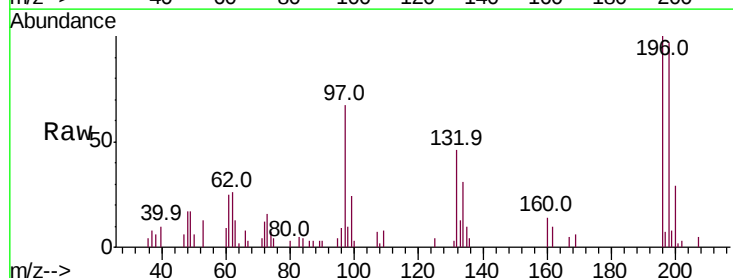
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-02

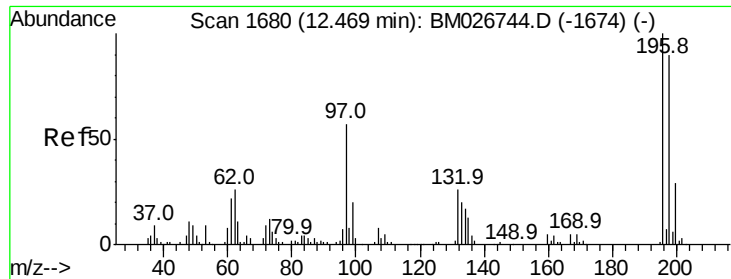
Tot Ion:237 Resp: 3319
Ion Ratio Lower Upper
237 100
235 47.2 50.2 75.4#
272 10.0 10.1 15.1#



#39
2,4,6-Trichlorophenol
Concen: 3.379 ng/ul
RT: 12.40 min Scan# 1642
Delta R.T. 0.01 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion:196 Resp: 11595
Ion Ratio Lower Upper
196 100
198 97.1 79.8 119.6
200 29.2 25.2 37.8

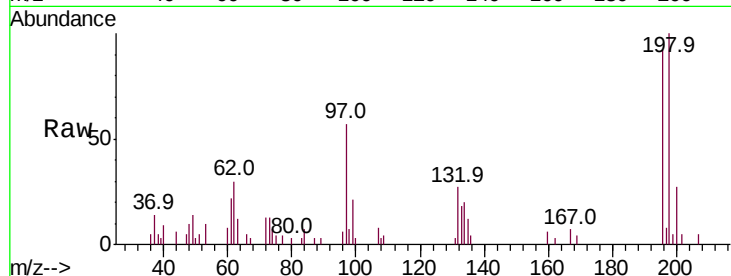




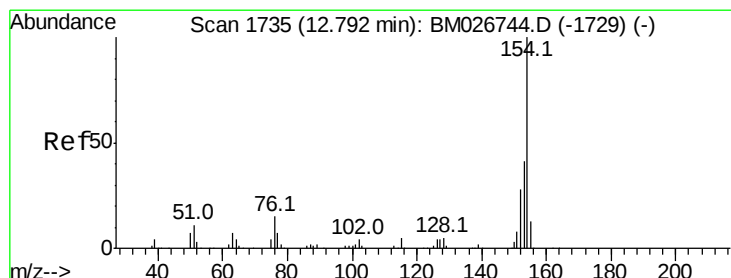
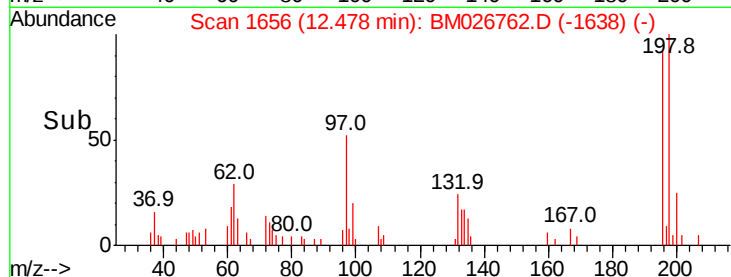
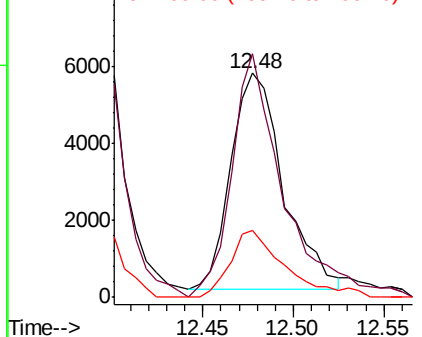
#40
 2,4,5-Trichlorophenol
 Concen: 3.043 ng/ul
 RT: 12.48 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:196 Resp: 11418
 Ion Ratio Lower Upper
 196 100
 198 108.5 72.4 108.6
 200 29.7 23.8 35.8

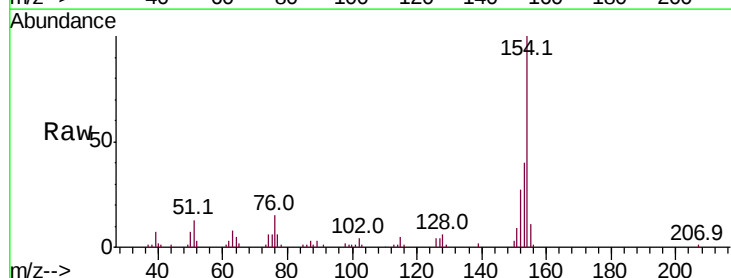


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

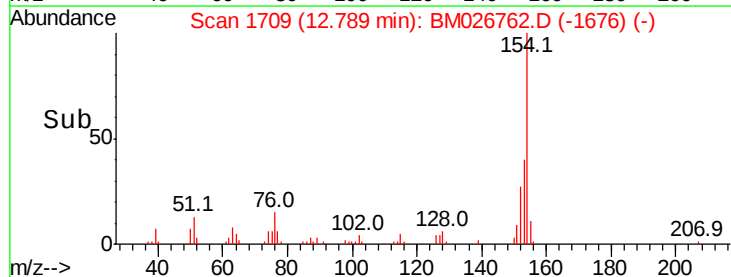
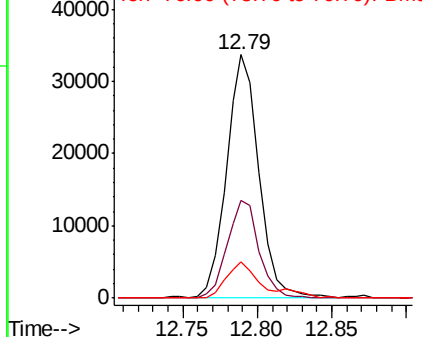


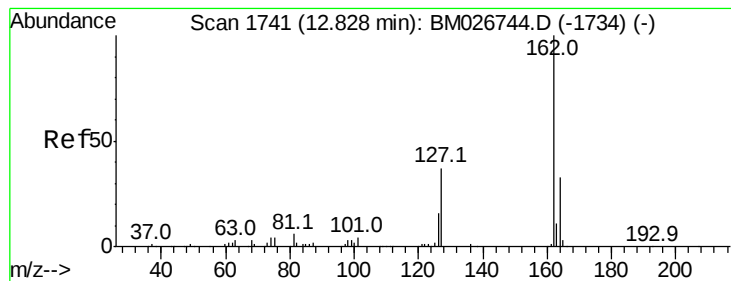
#41
 1,1'-Biphenyl
 Concen: 3.683 ng/ul
 RT: 12.79 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Tgt Ion:154 Resp: 50981
 Ion Ratio Lower Upper
 154 100
 153 40.0 32.9 49.3
 76 15.0 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: 3.468 ng/ul

RT: 12.82 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

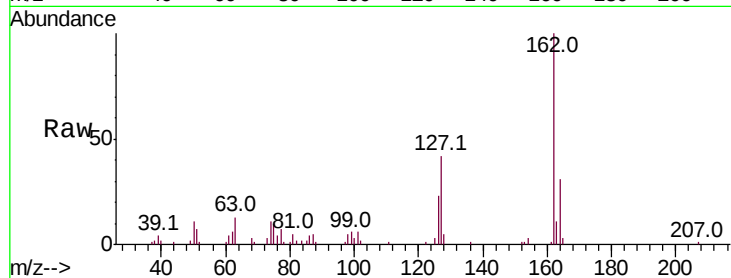
Tot Ion:162 Resp: 37783

Ion Ratio Lower Upper

162 100

164 31.2 26.9 40.3

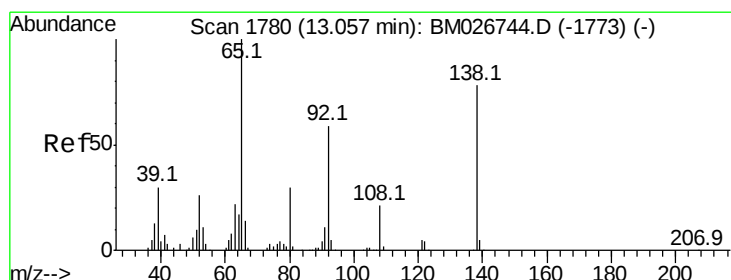
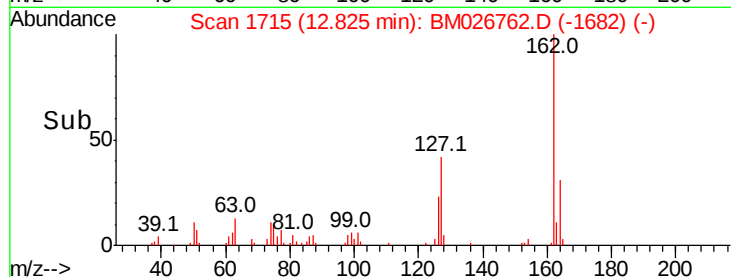
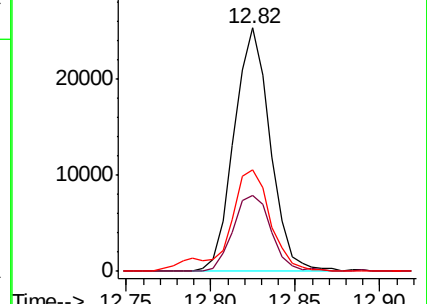
127 41.7 33.6 50.4



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: 2.938 ng/ul

RT: 13.06 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

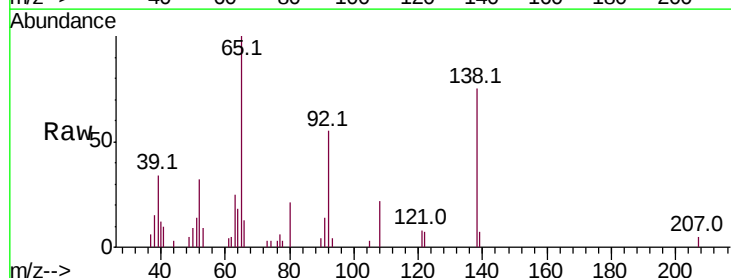
Tgt Ion: 65 Resp: 10764

Ion Ratio Lower Upper

65 100

92 55.1 48.4 72.6

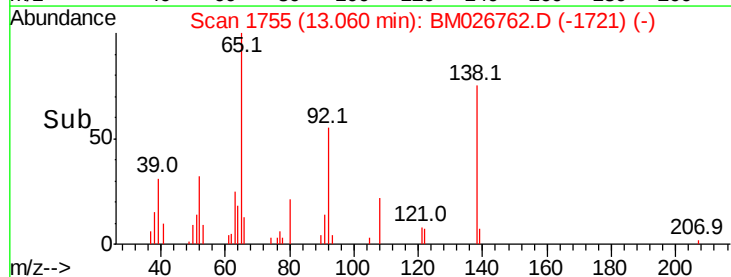
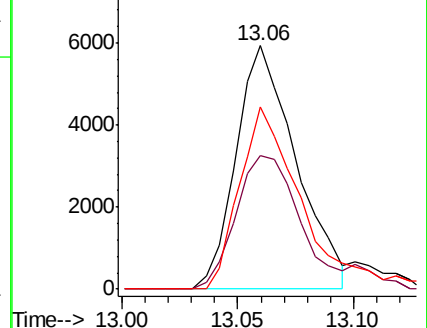
138 74.7 65.3 97.9

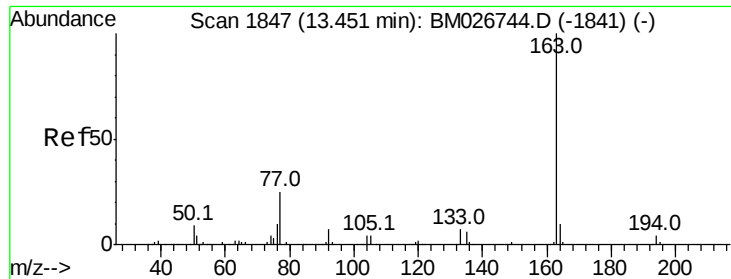


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E

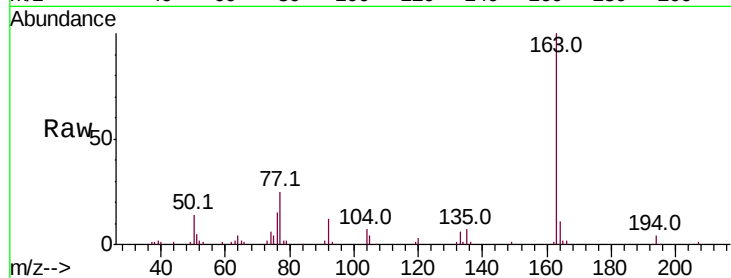




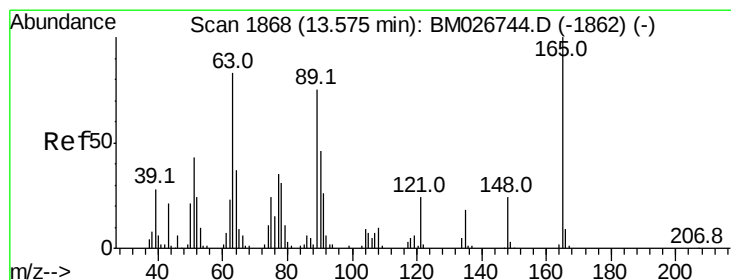
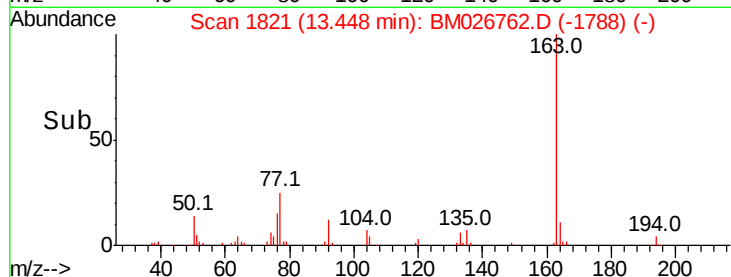
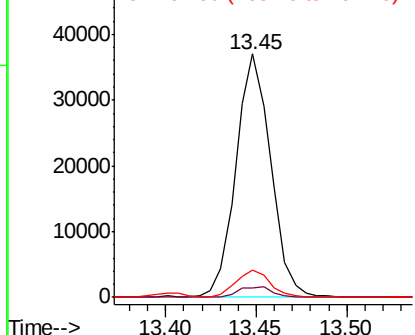
#45
Dimethylphthalate
Concen: 3.702 ng/ul
RT: 13.45 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:163 Resp: 49437
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 11.4 7.8 11.6

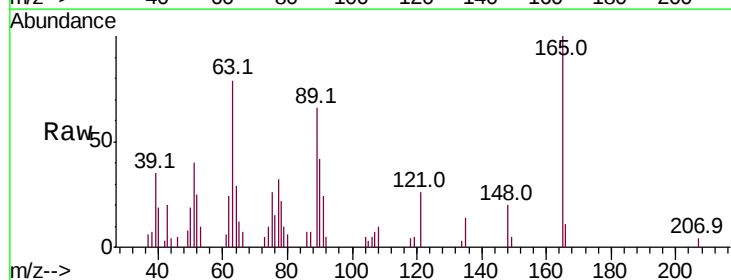


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

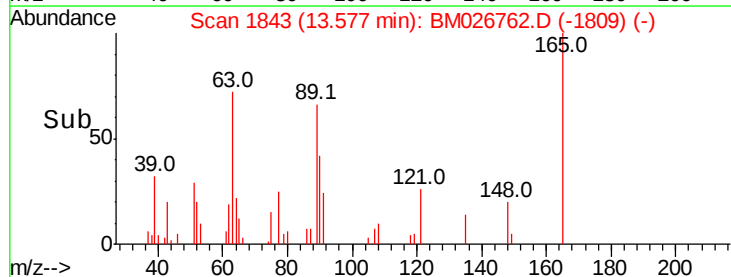
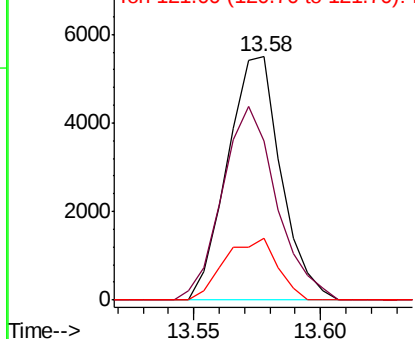


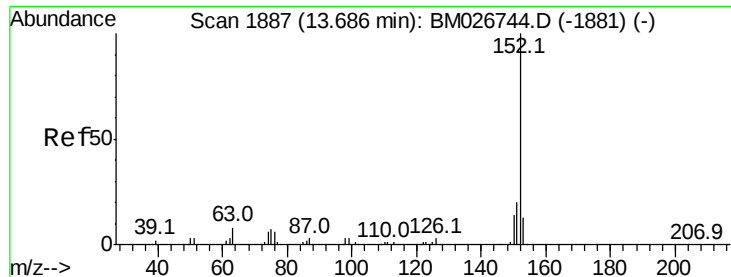
#46
2,6-Dinitrotoluene
Concen: 3.141 ng/ul
RT: 13.58 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion:165 Resp: 8106
Ion Ratio Lower Upper
165 100
89 65.5 54.2 81.4
121 25.5 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: 3.679 ng/ul

RT: 13.68 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

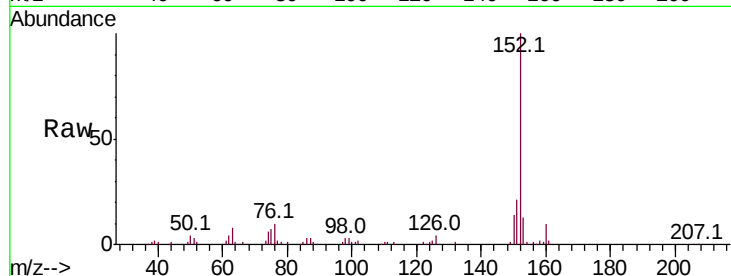
Tot Ion:152 Resp: 60741

Ion Ratio Lower Upper

152 100

151 21.3 15.0 22.6

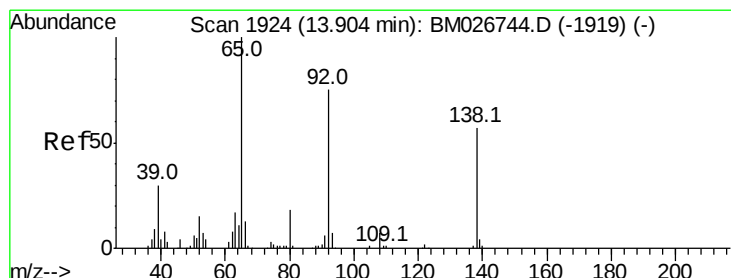
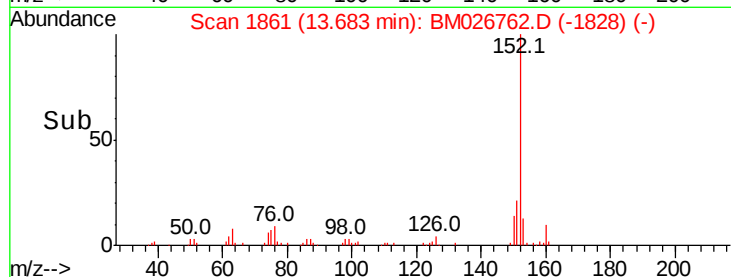
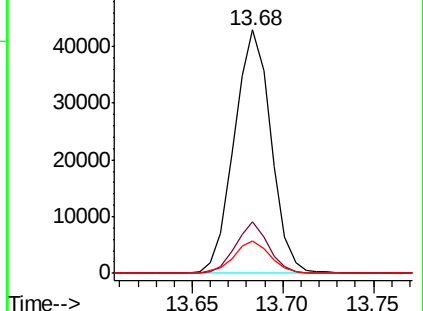
153 13.3 10.6 16.0



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: 2.724 ng/ul

RT: 13.91 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

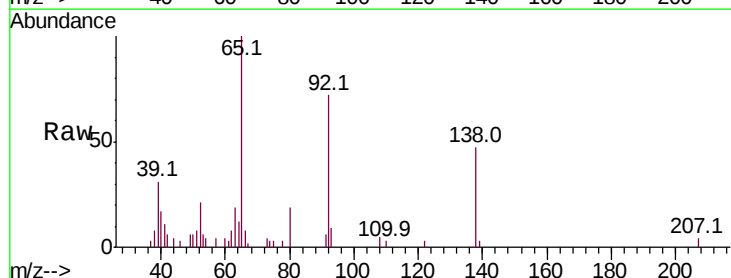
Tgt Ion:138 Resp: 5844

Ion Ratio Lower Upper

138 100

108 11.5 10.6 16.0

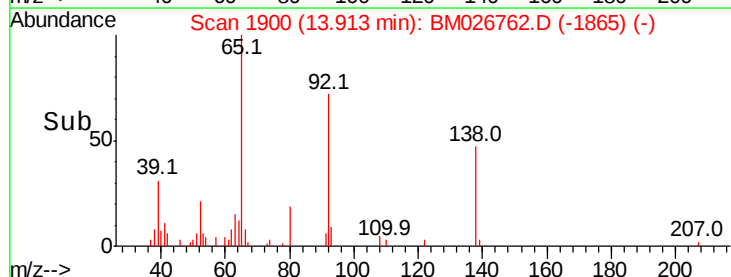
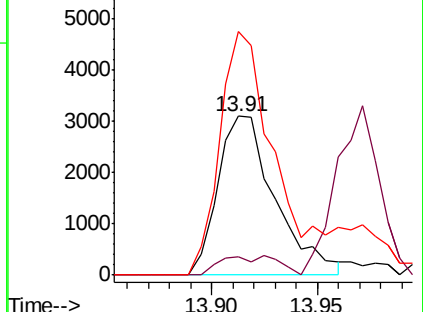
92 153.5 108.6 162.8

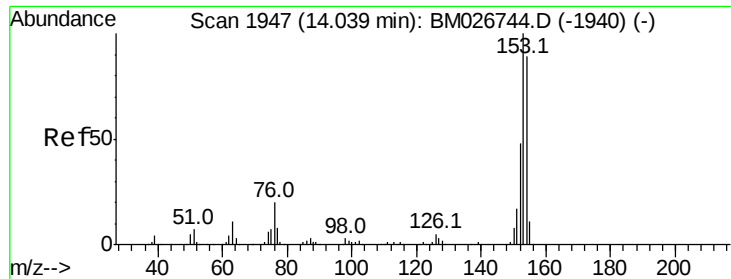


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#50

Acenaphthene

Concen: 3.647 ng/ul

RT: 14.04 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

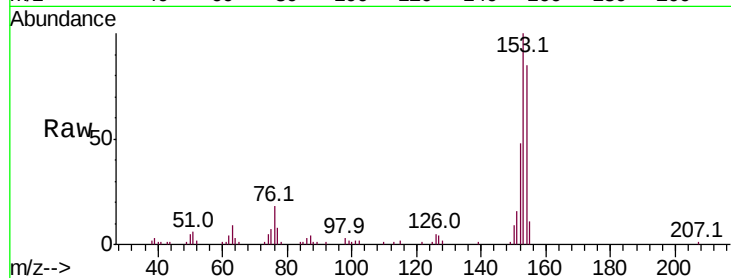
Tot Ion:153 Resp: 42554

Ion Ratio Lower Upper

153 100

152 47.6 37.7 56.5

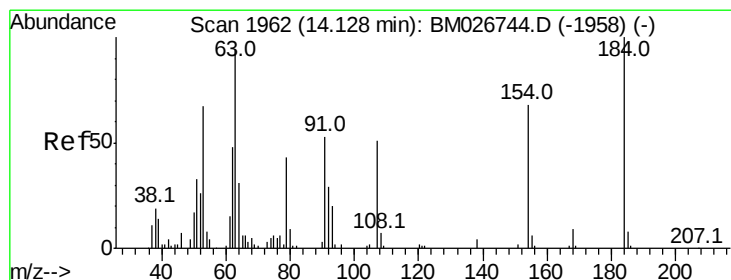
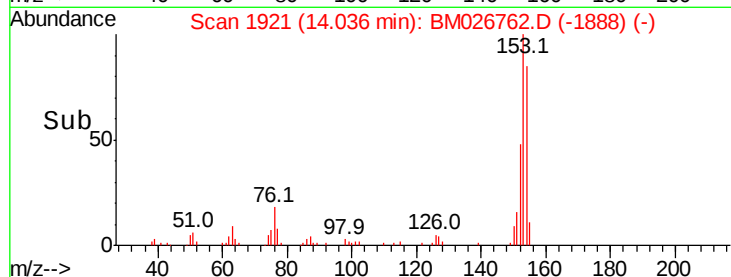
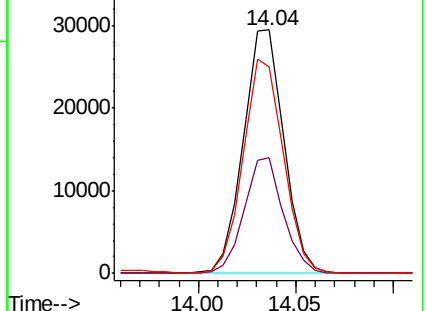
154 84.7 71.3 106.9



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: 1.956 ng/ul

RT: 14.15 min Scan# 1941

Delta R.T. 0.03 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

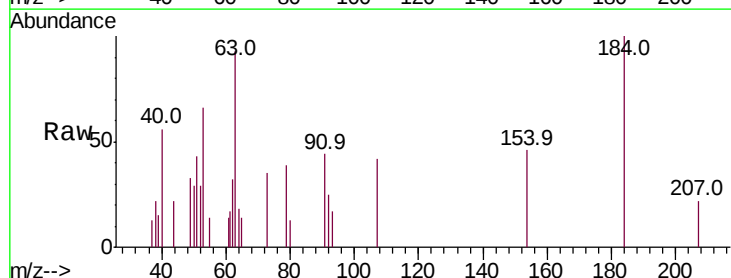
Tgt Ion:184 Resp: 2622

Ion Ratio Lower Upper

184 100

63 92.8 74.6 111.8

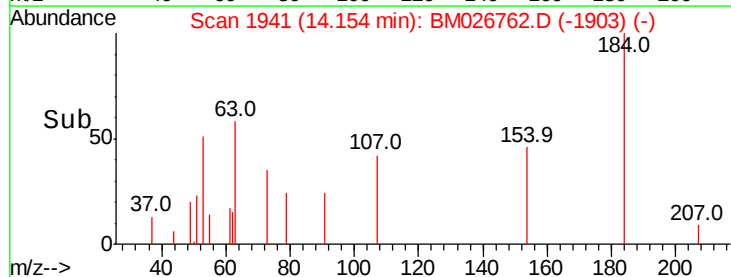
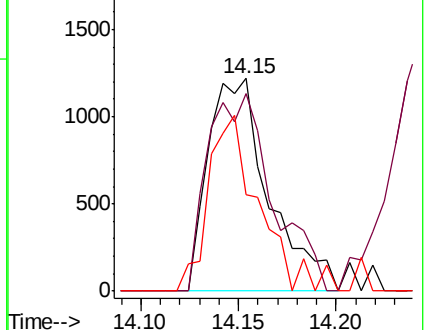
154 45.6 58.8 88.2#

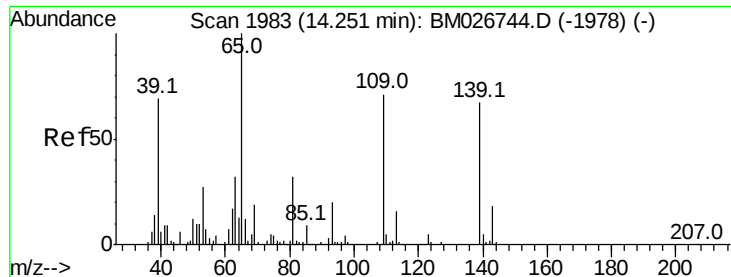


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 3.341 ng/ul

RT: 14.25 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

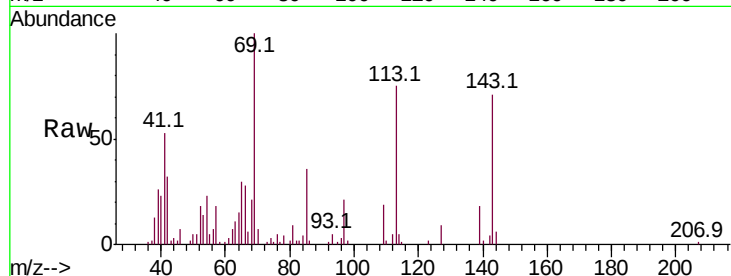
Tot Ion:109 Resp: 6330

Ion Ratio Lower Upper

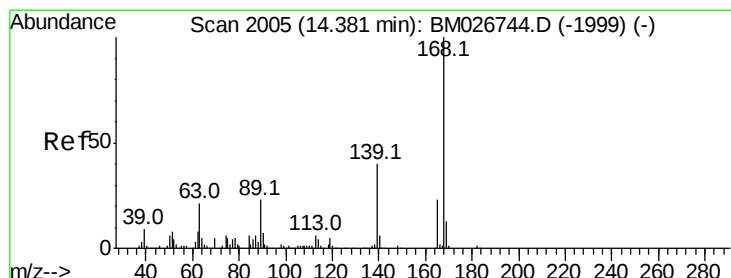
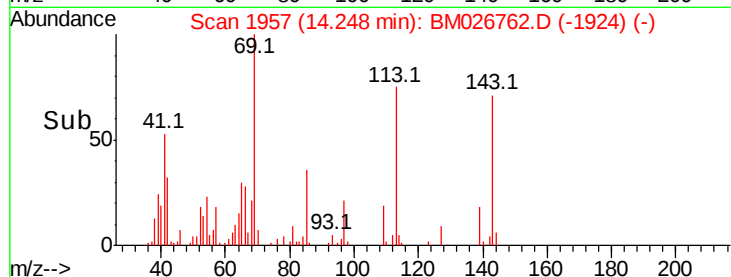
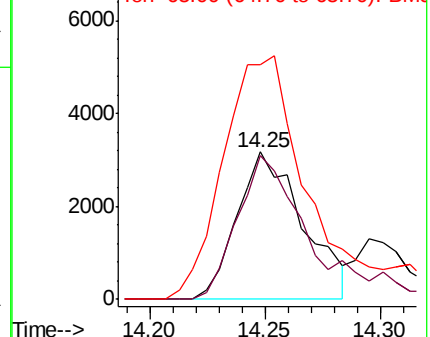
109 100

139 97.6 87.5 131.3

65 159.4 119.4 179.2



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): BMC



#54

Dibenzofuran

Concen: 3.567 ng/ul

RT: 14.38 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BM026762.D

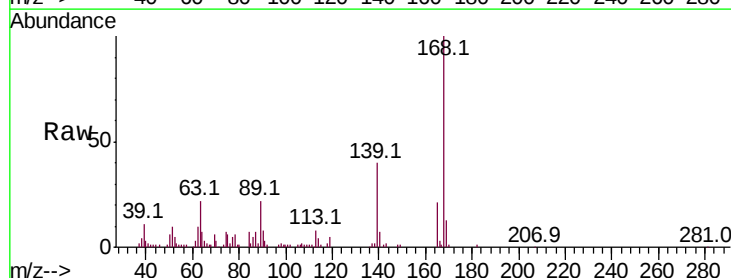
Acq: 14 Jul 2020 21:26

Tgt Ion:168 Resp: 59051

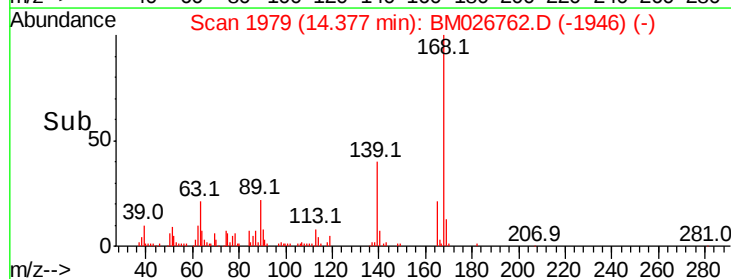
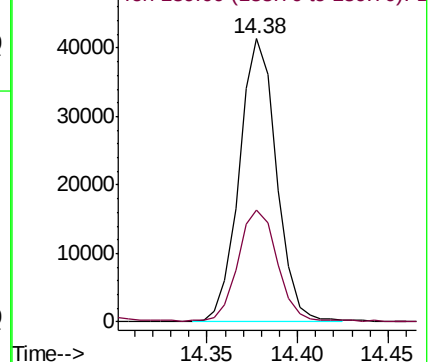
Ion Ratio Lower Upper

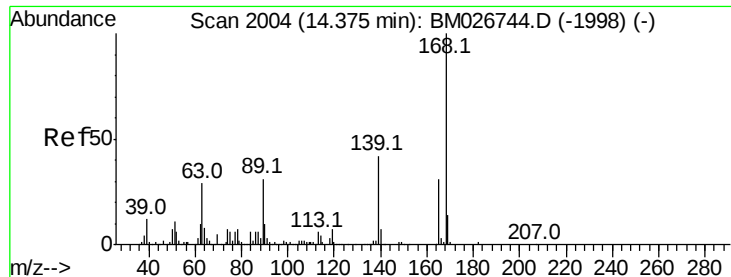
168 100

139 39.5 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

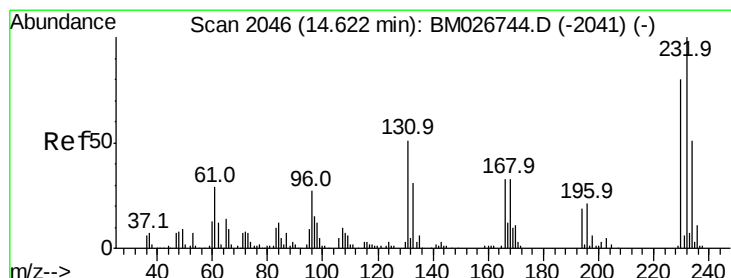
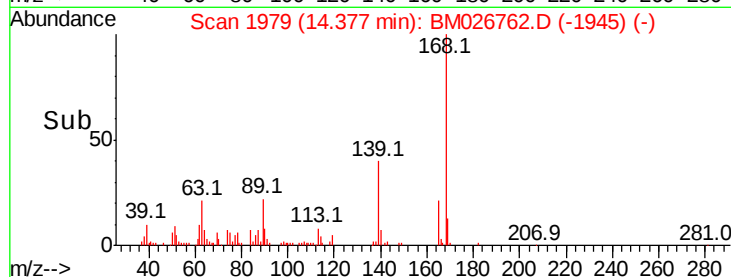
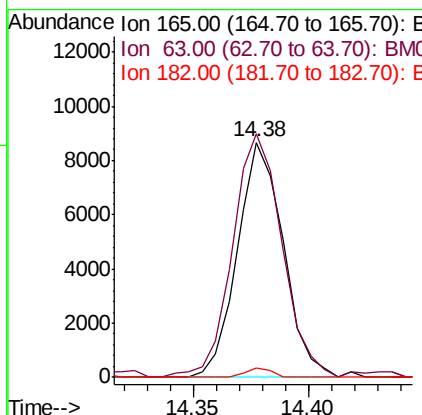
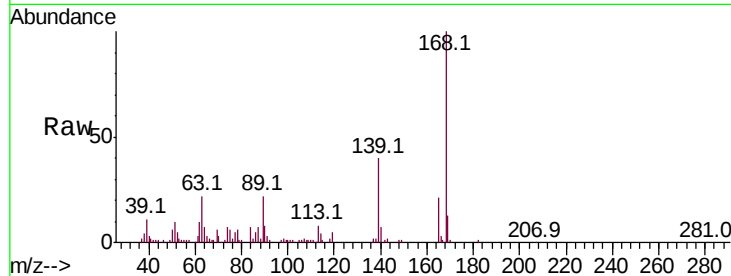




#55
 2,4-Dinitrotoluene
 Concen: 3.129 ng/ul
 RT: 14.38 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

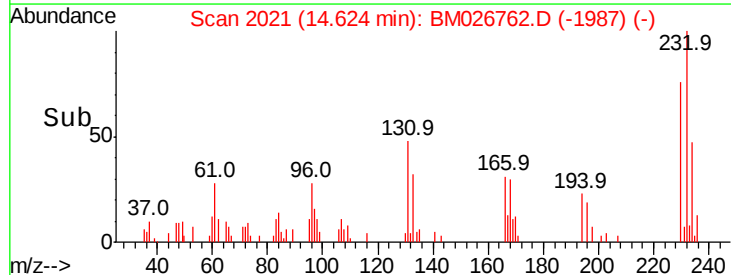
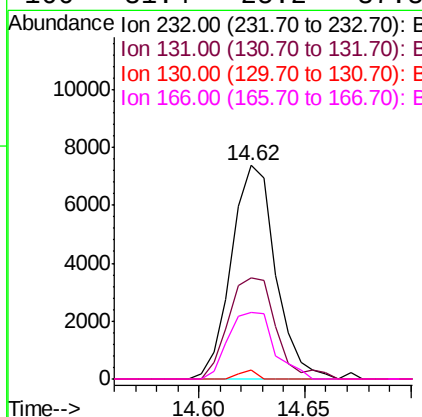
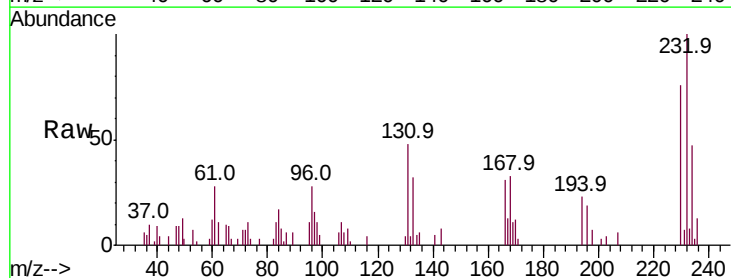
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-02

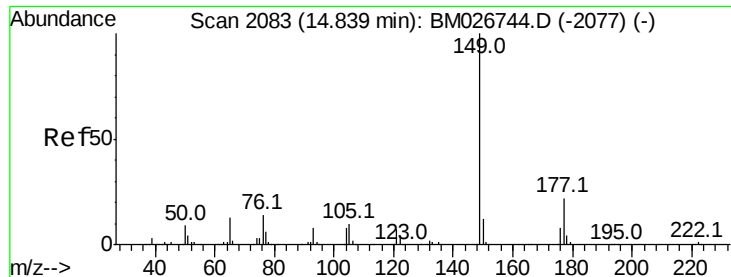
Tot Ion:165 Resp: 12009
 Ion Ratio Lower Upper
 165 100
 63 103.5 65.3 97.9#
 182 4.1 2.2 3.4#



#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.321 ng/ul
 RT: 14.62 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Tgt Ion:232 Resp: 10729
 Ion Ratio Lower Upper
 232 100
 131 47.5 33.4 50.0
 130 4.1 2.2 3.2#
 166 31.4 25.2 37.8

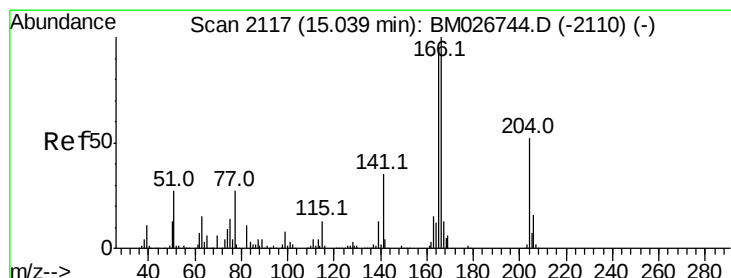
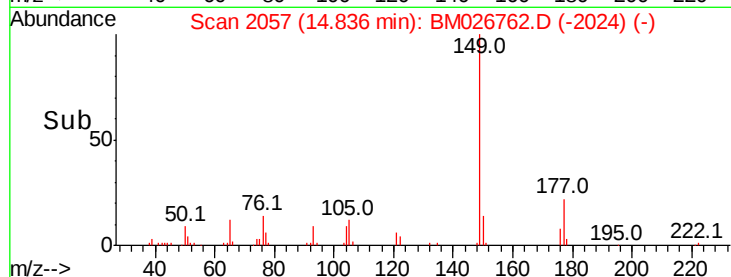
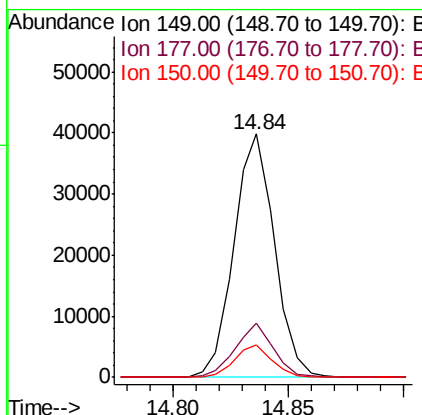
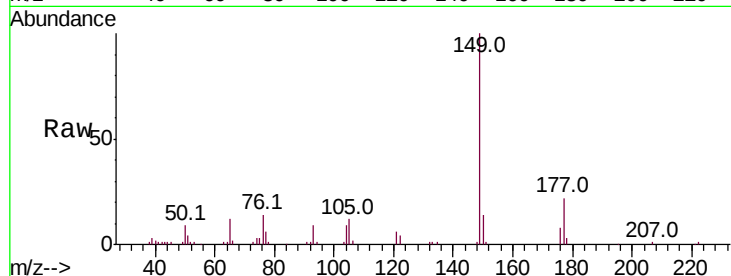




#57
Diethylphthalate
Concen: 3.615 ng/ul
RT: 14.84 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

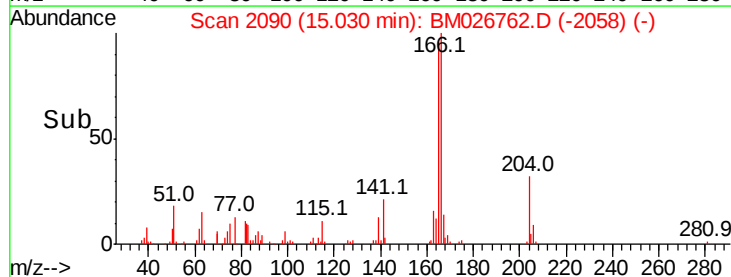
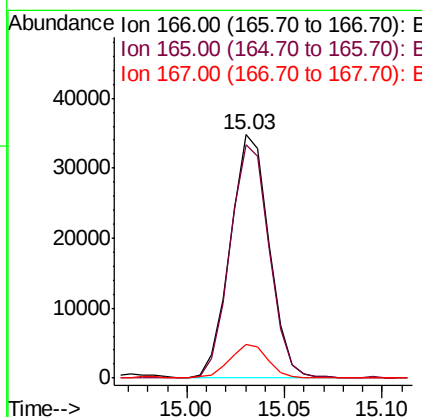
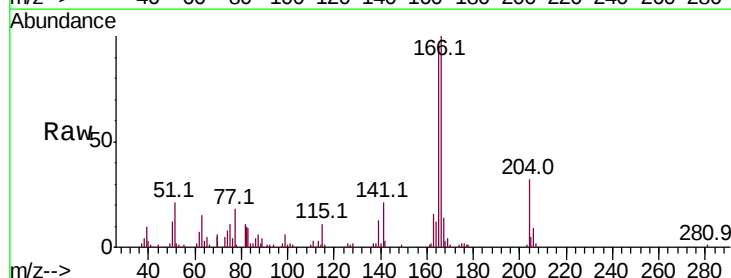
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-02

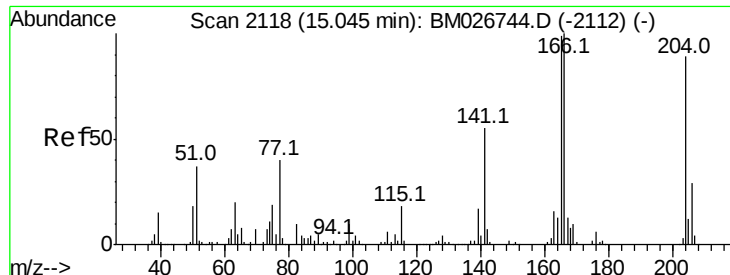
Tot Ion:149 Resp: 48515
Ion Ratio Lower Upper
149 100
177 22.1 16.6 25.0
150 13.6 10.0 15.0



#59
Fluorene
Concen: 3.554 ng/ul
RT: 15.03 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion:166 Resp: 48073
Ion Ratio Lower Upper
166 100
165 95.7 77.0 115.4
167 13.7 10.7 16.1

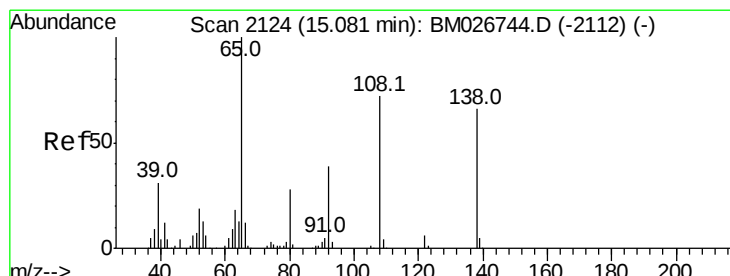
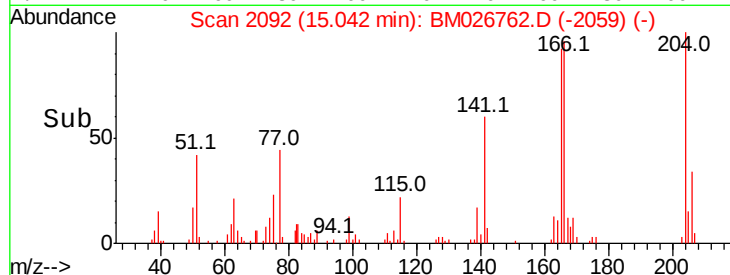
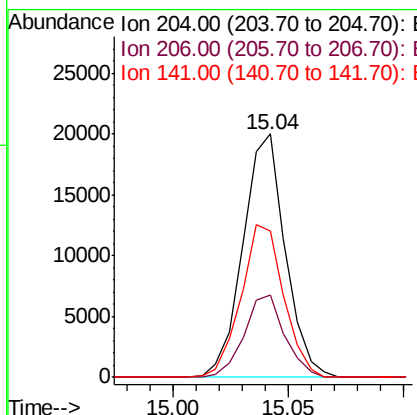
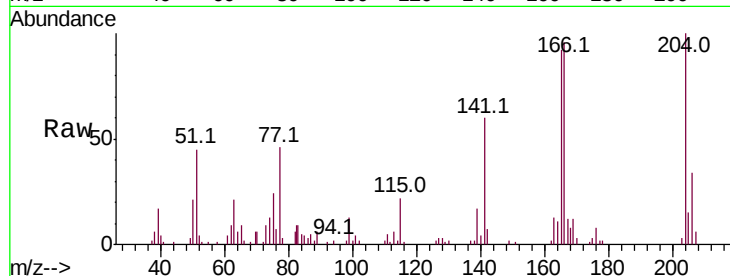




#60
 4-Chlorophenyl-phenylether
 Concen: 3.633 ng/ul
 RT: 15.04 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

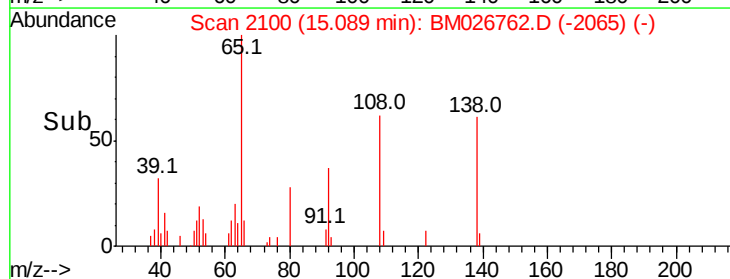
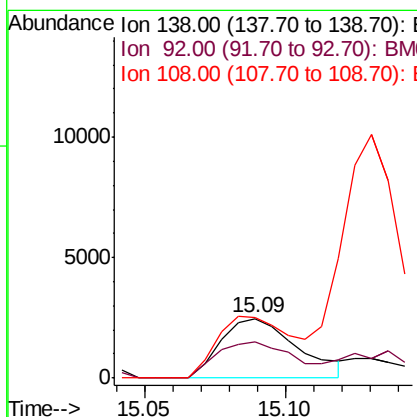
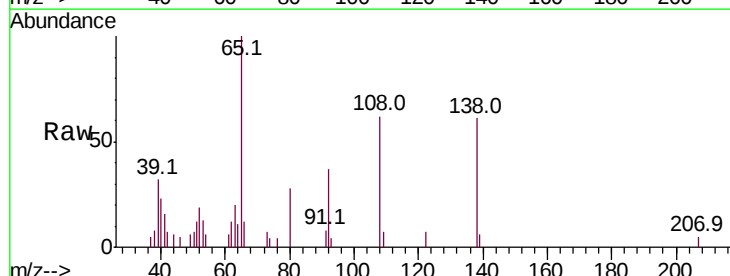
Instrument :
 BNA_M
 ClientSampleID :
 MDL-ME-SOIL-02

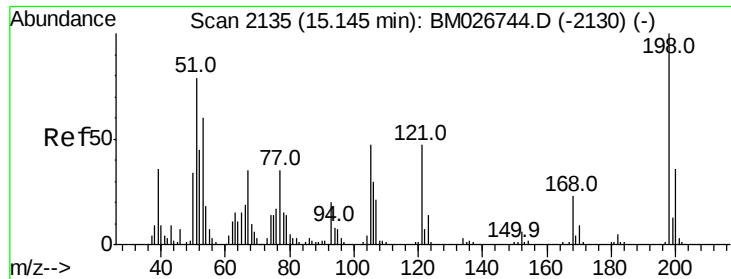
Tot Ion:204 Resp: 25544
 Ion Ratio Lower Upper
 204 100
 206 33.6 25.3 37.9
 141 60.2 50.3 75.5



#61
 4-Nitroaniline
 Concen: 1.930 ng/ul
 RT: 15.09 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Tgt Ion:138 Resp: 4683
 Ion Ratio Lower Upper
 138 100
 92 61.4 47.7 71.5
 108 101.8 82.6 123.8

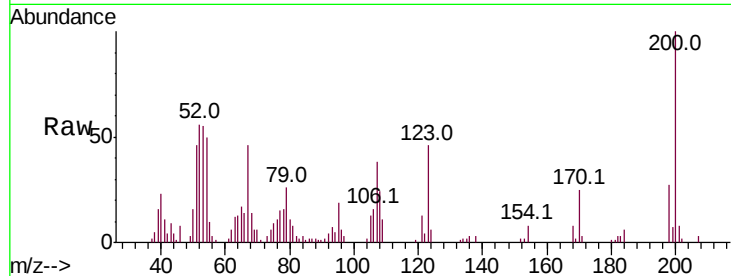




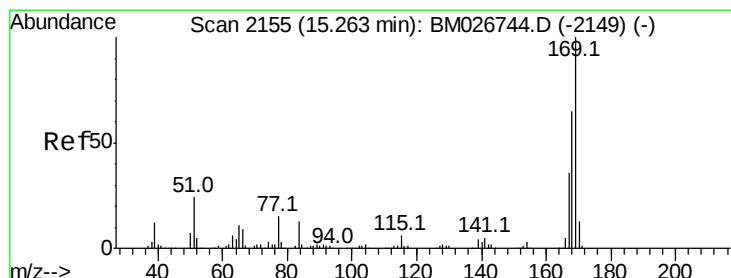
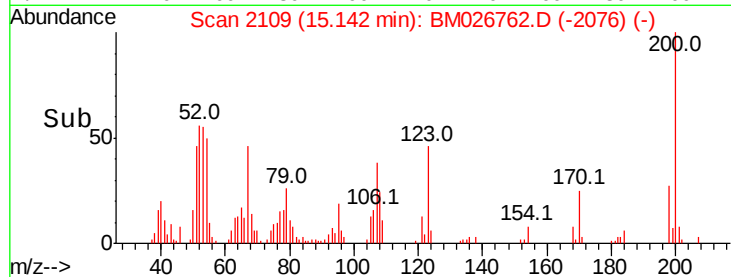
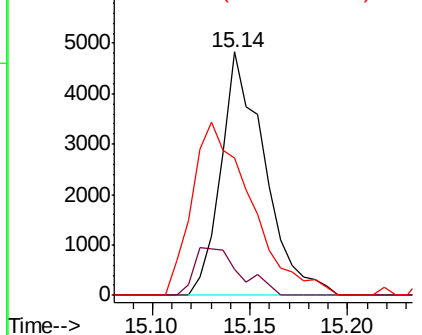
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.544 ng/ul
 RT: 15.14 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:198 Resp: 7500
 Ion Ratio Lower Upper
 198 100
 182 10.7 4.0 6.0#
 77 56.6 26.7 40.1#

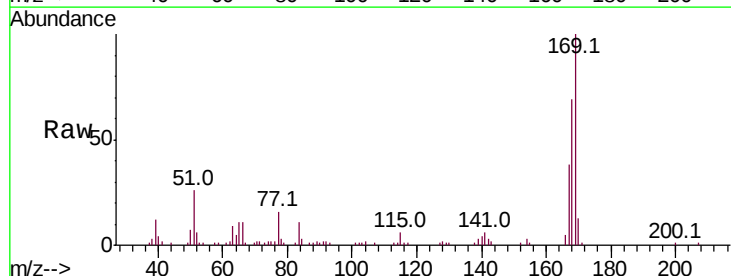


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

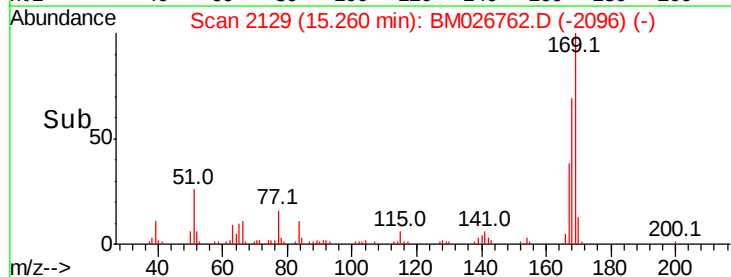
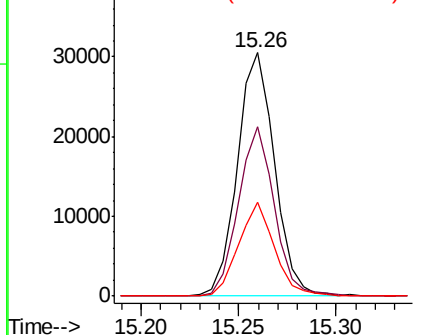


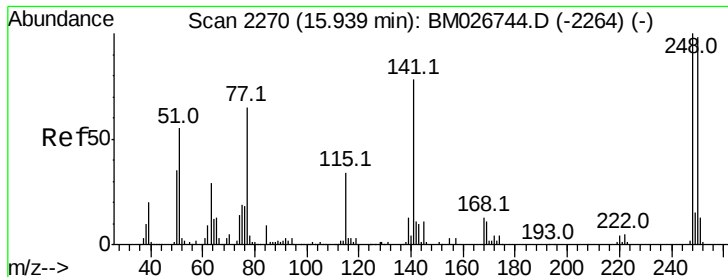
#65
 N-Nitrosodiphenylamine
 Concen: 3.768 ng/ul
 RT: 15.26 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Tgt Ion:169 Resp: 40288
 Ion Ratio Lower Upper
 169 100
 168 69.5 51.7 77.5
 167 38.5 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

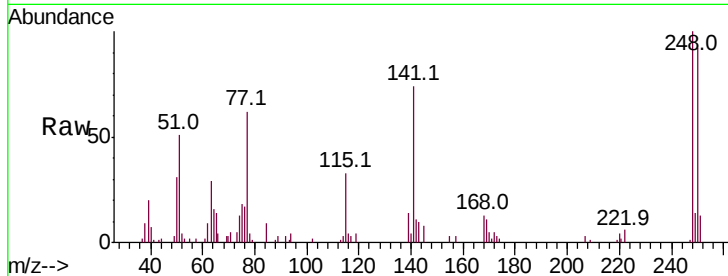




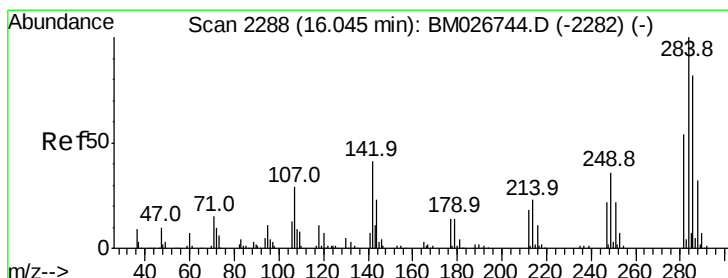
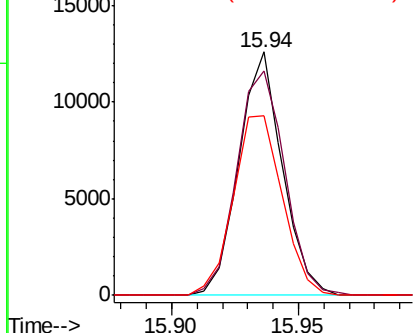
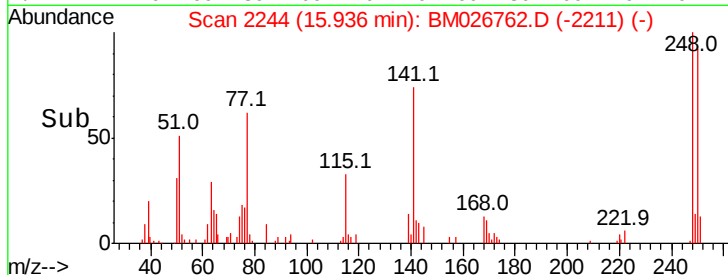
#66
 4-Bromophenyl-phenylether
 Concen: 3.903 ng/ul
 RT: 15.94 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:248 Resp: 15046
 Ion Ratio Lower Upper
 248 100
 250 92.2 77.4 116.0
 141 73.8 66.1 99.1

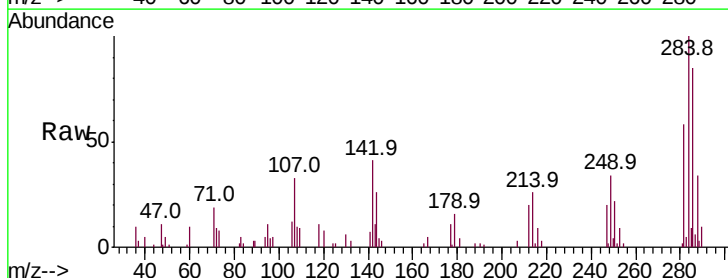


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

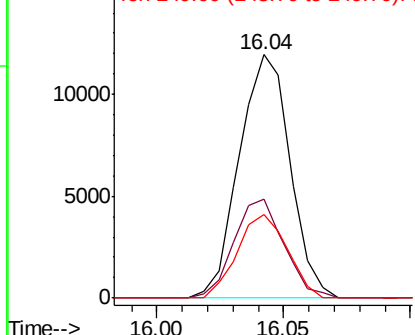
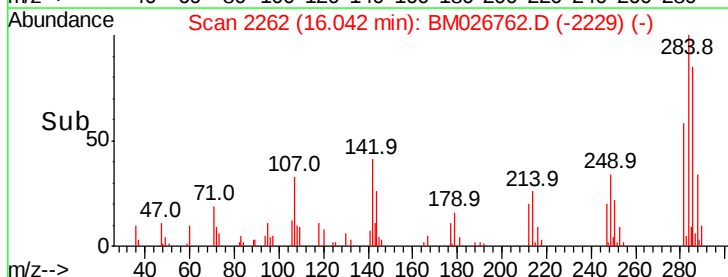


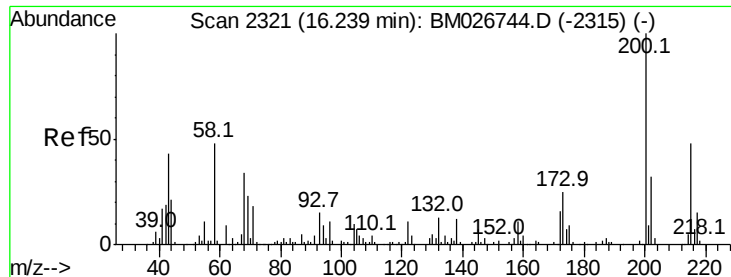
#67
 Hexachlorobenzene
 Concen: 3.810 ng/ul
 RT: 16.04 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Tgt Ion:284 Resp: 16739
 Ion Ratio Lower Upper
 284 100
 142 37.2 27.1 40.7
 249 31.3 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

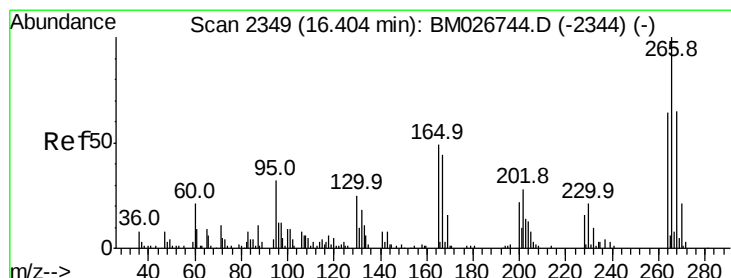
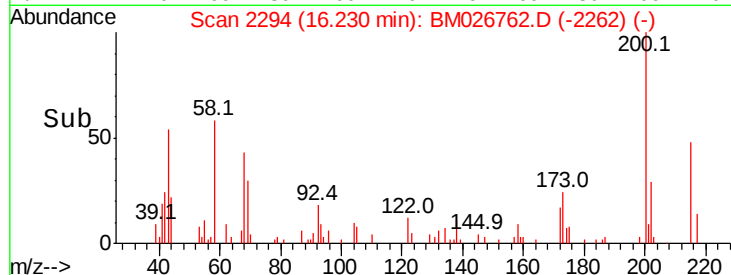
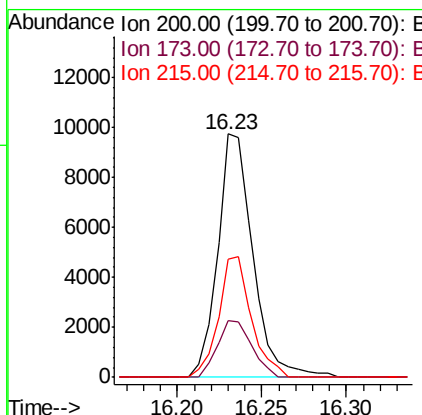
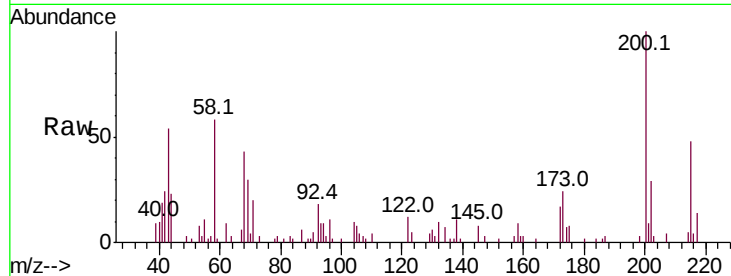




#68
Atrazine
Concen: 4.051 ng/ul
RT: 16.23 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

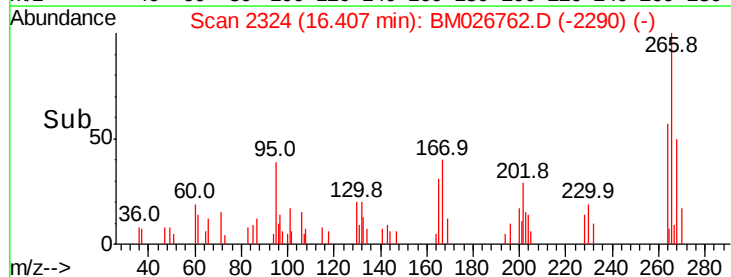
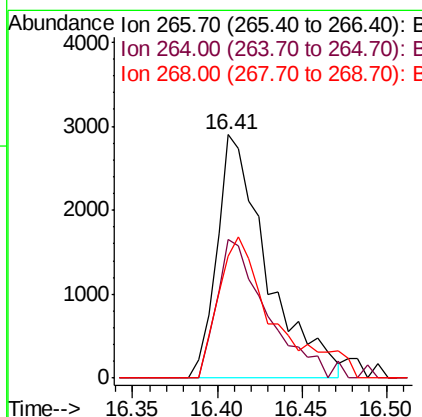
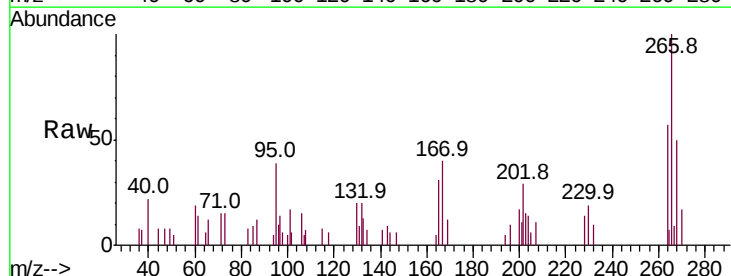
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-02

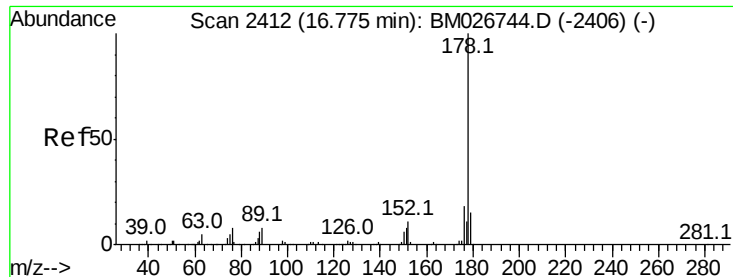
Tot Ion:200 Resp: 14113
Ion Ratio Lower Upper
200 100
173 23.6 20.8 31.2
215 48.3 37.8 56.8



#69
Pentachlorophenol
Concen: 2.765 ng/ul
RT: 16.41 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion:266 Resp: 5990
Ion Ratio Lower Upper
266 100
264 64.3 49.9 74.9
268 50.3 51.4 77.0#





#70

Phenanthrene

Concen: 3.795 ng/ul

RT: 16.77 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

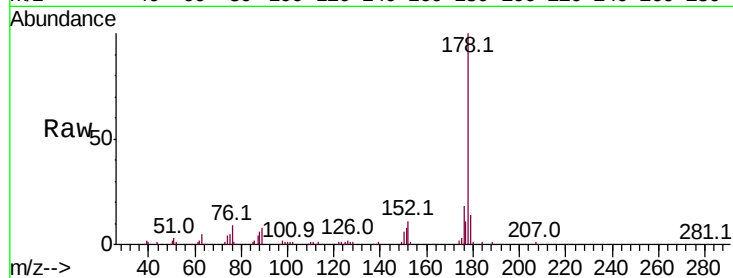
Tot Ion:178 Resp: 75573

Ion Ratio Lower Upper

178 100

179 14.4 12.4 18.6

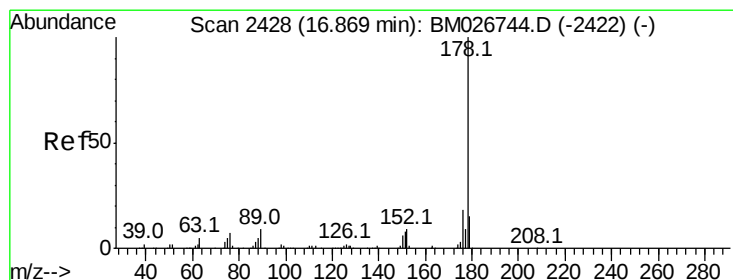
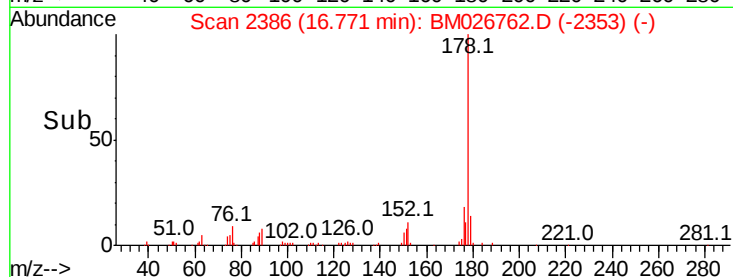
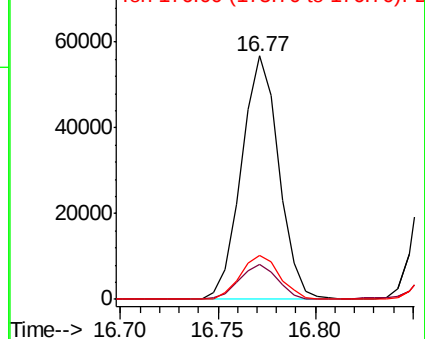
176 18.2 14.3 21.5



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: 3.729 ng/ul

RT: 16.87 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

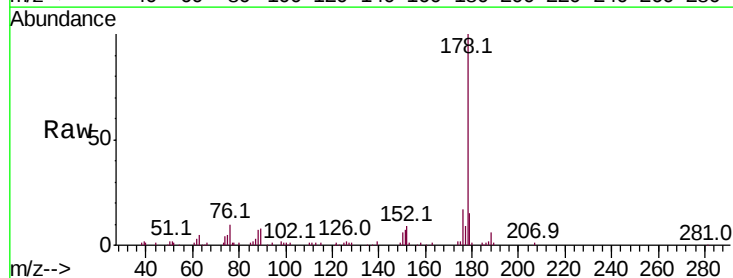
Tgt Ion:178 Resp: 74924

Ion Ratio Lower Upper

178 100

179 14.6 11.8 17.6

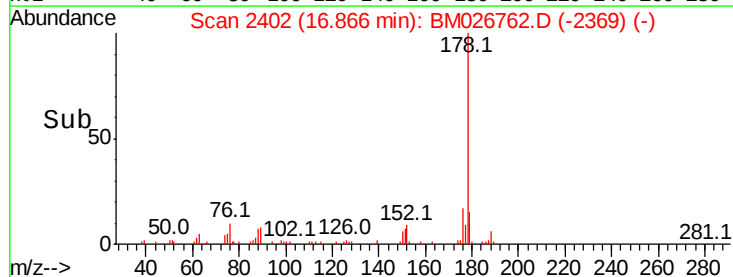
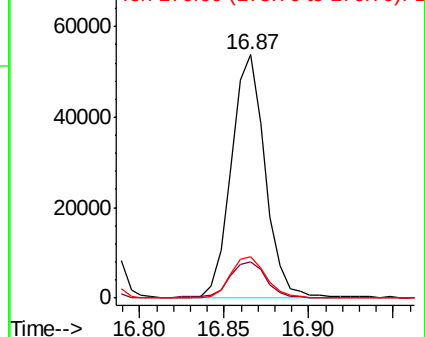
176 17.1 14.7 22.1

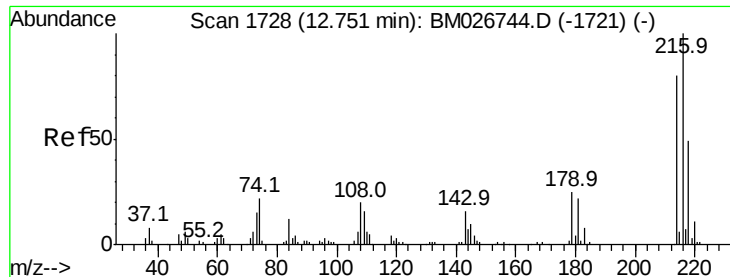


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

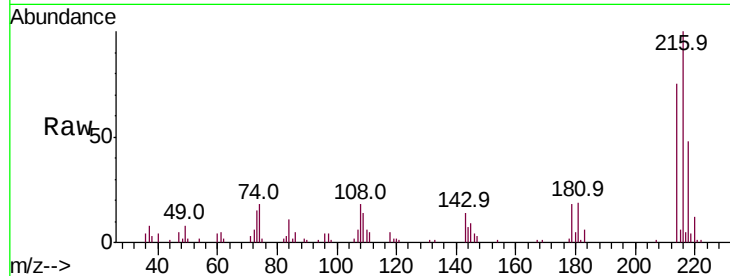




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.986 ng/uL
 RT: 12.75 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
216	100		
214	75.0	63.8	95.8
218	47.9	38.5	57.7

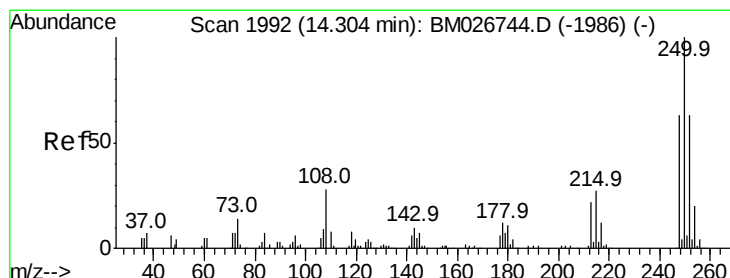
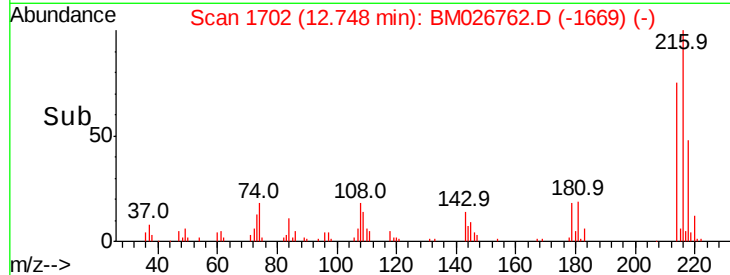
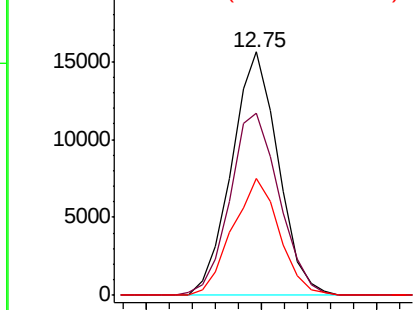


Abundance

Ion 216.00 (215.70 to 216.70): E

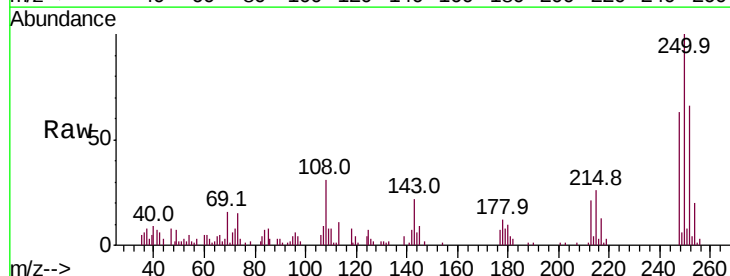
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#74
 Pentachlorobenzene
 Concen: 4.034 ng/uL
 RT: 14.30 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BM026762.D
 Acq: 14 Jul 2020 21:26

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.6	51.3	76.9
252	66.1	50.9	76.3

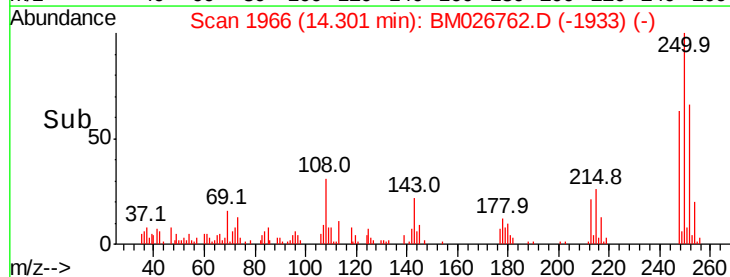
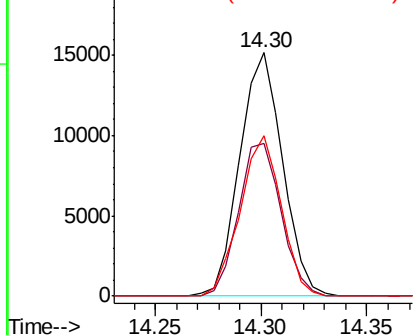


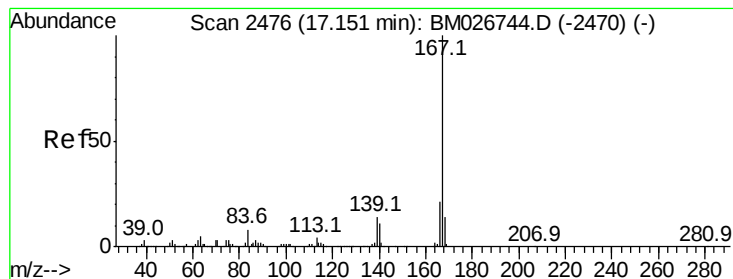
Abundance

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: 3.644 ng/ul

RT: 17.15 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

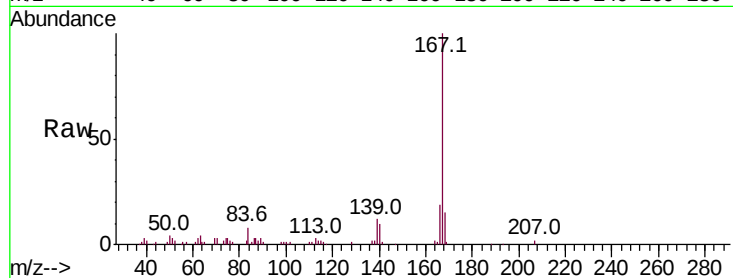
Tot Ion:167 Resp: 58633

Ion Ratio Lower Upper

167 100

166 19.2 17.4 26.0

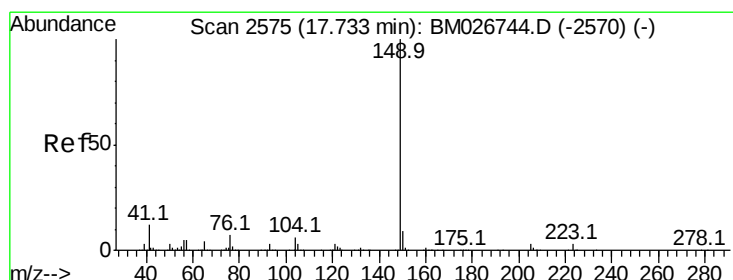
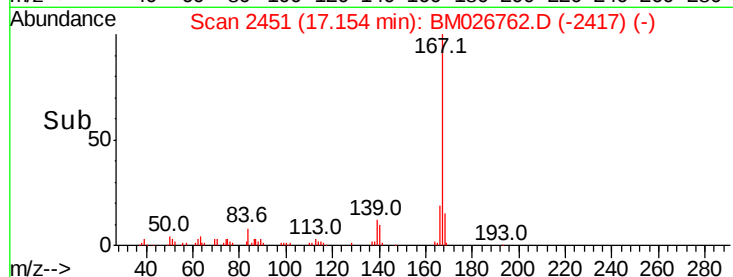
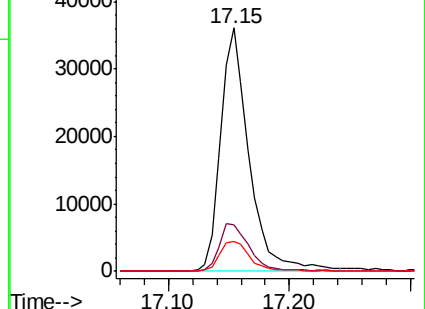
139 12.4 10.6 15.8



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: 3.578 ng/ul

RT: 17.73 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

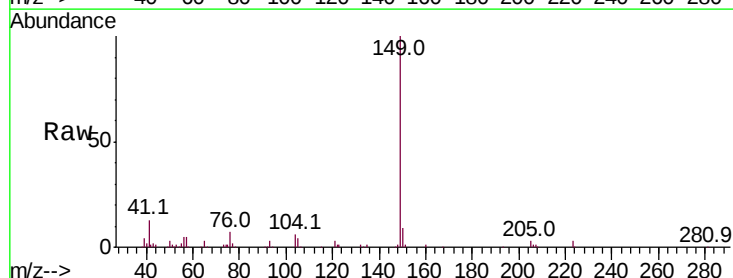
Tgt Ion:149 Resp: 69655

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

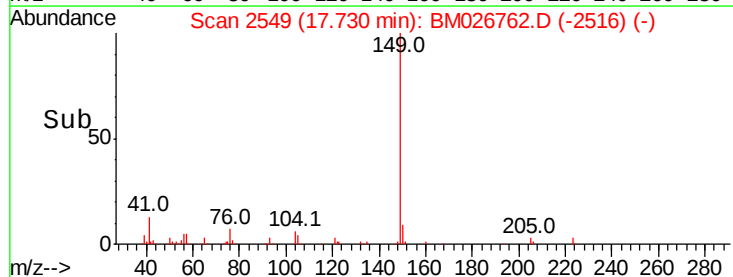
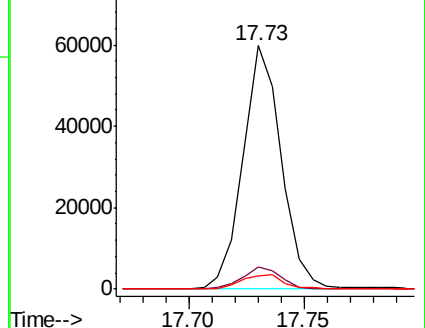
104 5.7 5.2 7.8

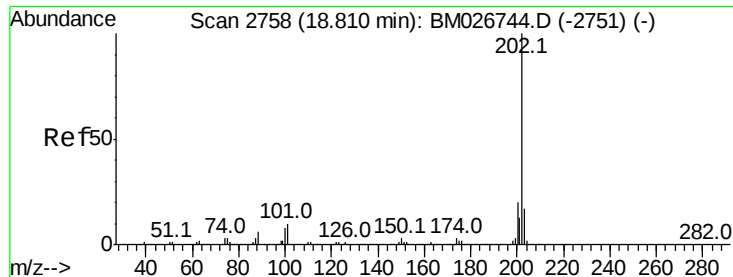


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

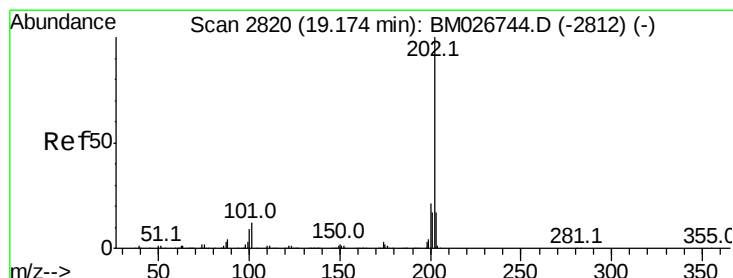
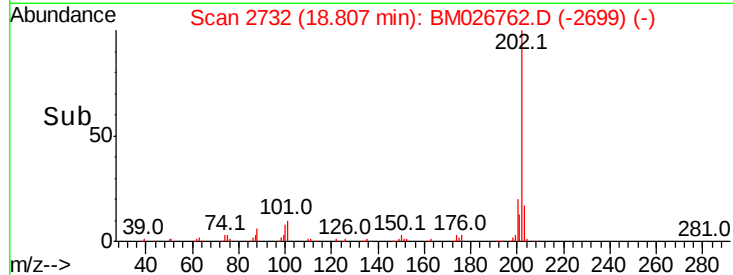
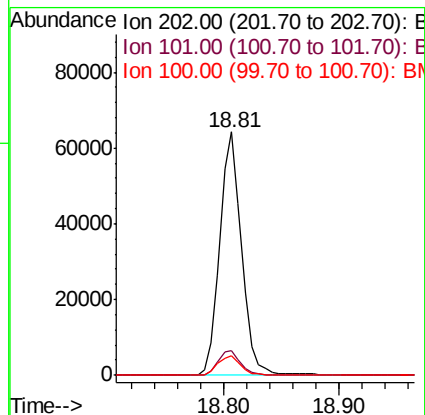
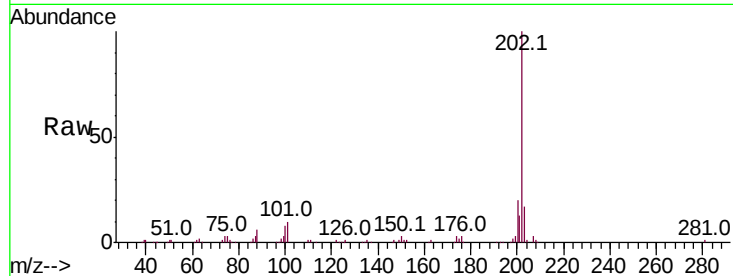




#77
Fluoranthene
Concen: 4.091 ng/ul
RT: 18.81 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

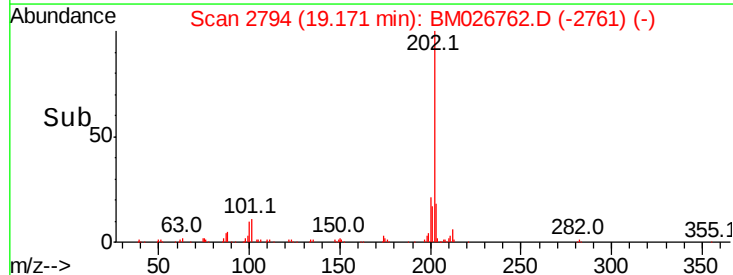
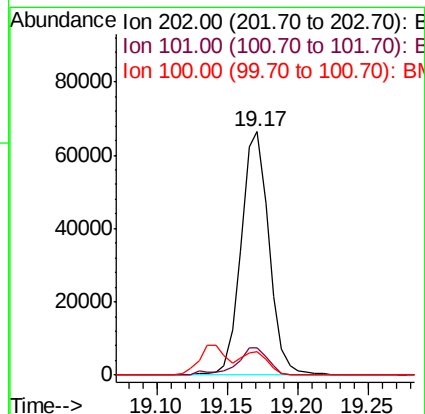
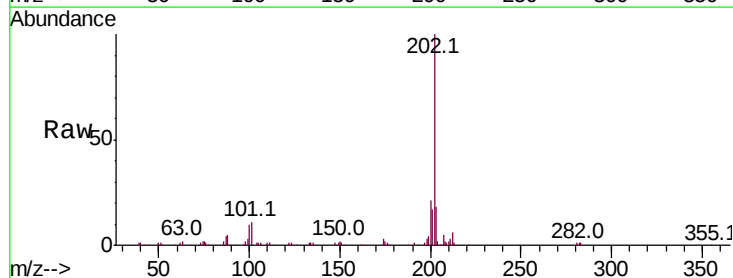
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-02

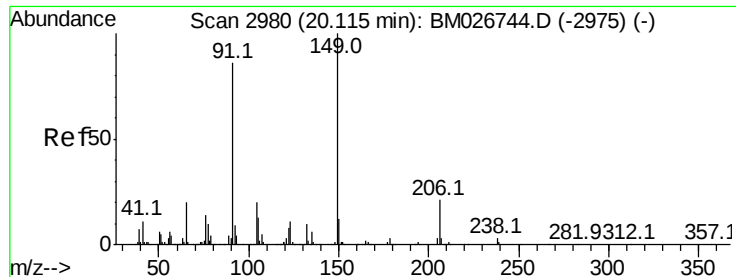
Tot Ion:202 Resp: 84266
Ion Ratio Lower Upper
202 100
101 10.0 8.5 12.7
100 8.0 6.9 10.3



#80
Pyrene
Concen: 3.958 ng/ul
RT: 19.17 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion:202 Resp: 91777
Ion Ratio Lower Upper
202 100
101 11.0 9.4 14.2
100 9.7 8.0 12.0

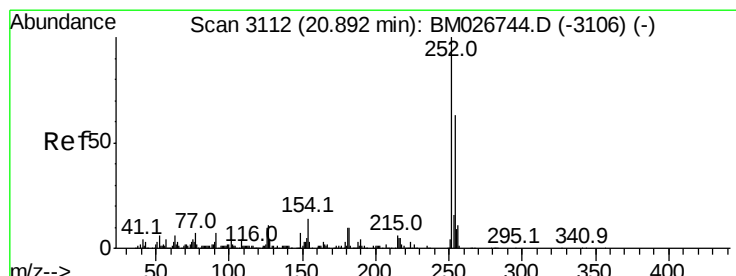
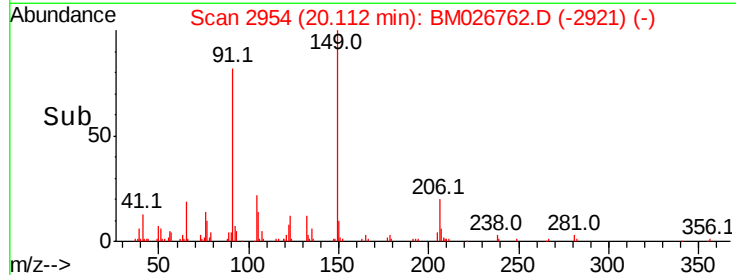
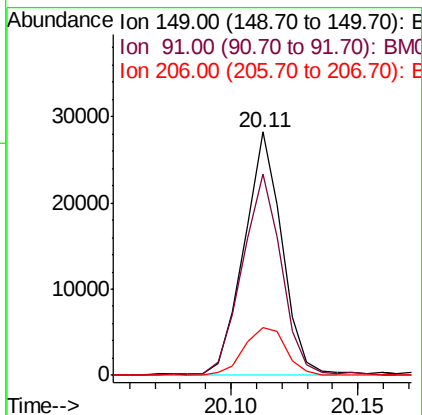
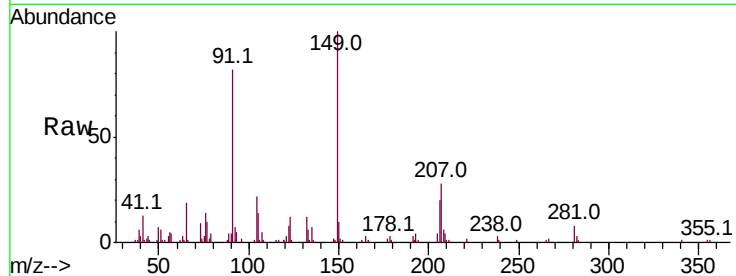




#81
Butylbenzylphthalate
Concen: 3.569 ng/ul
RT: 20.11 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

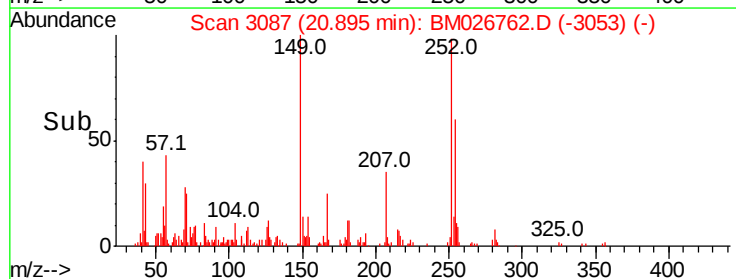
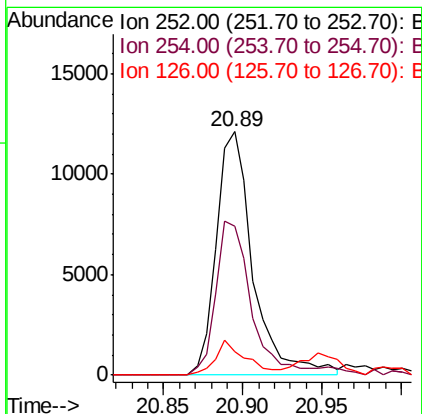
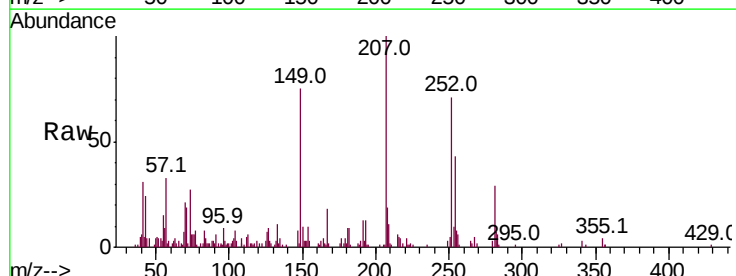
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-02

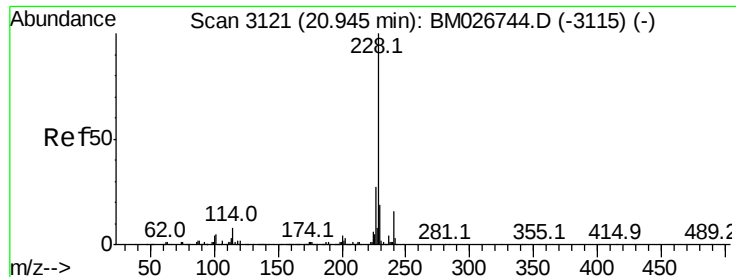
Tot Ion	Ratio	Lower	Upper
149	100		
91	82.5	66.4	99.6
206	19.6	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 2.948 ng/ul
RT: 20.89 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.0	51.3	76.9
126	9.5	8.1	12.1





#83

Benzo(a)anthracene

Concen: 3.938 ng/ul

RT: 20.94 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

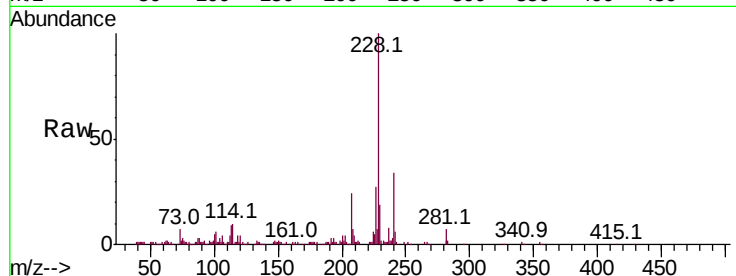
Tot Ion:228 Resp: 88696

Ion Ratio Lower Upper

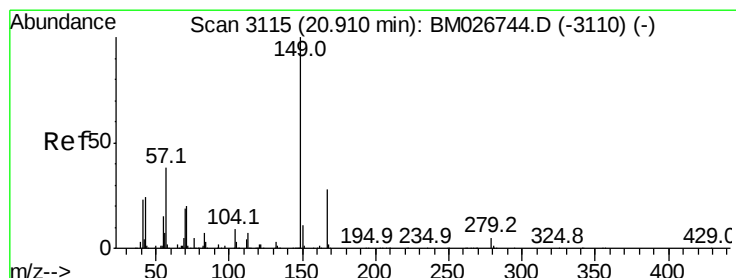
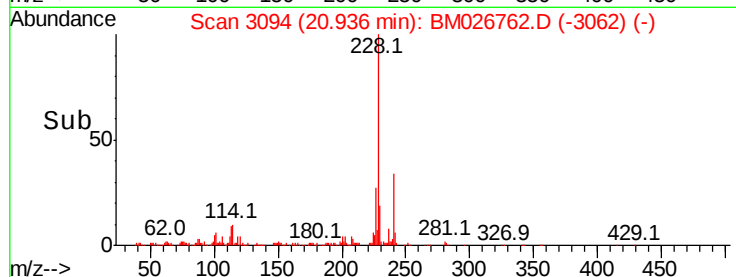
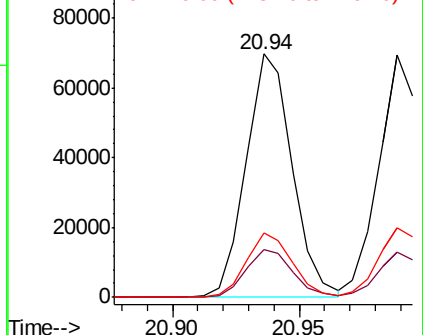
228 100

229 19.5 15.4 23.0

226 26.5 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: 3.623 ng/ul

RT: 20.91 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

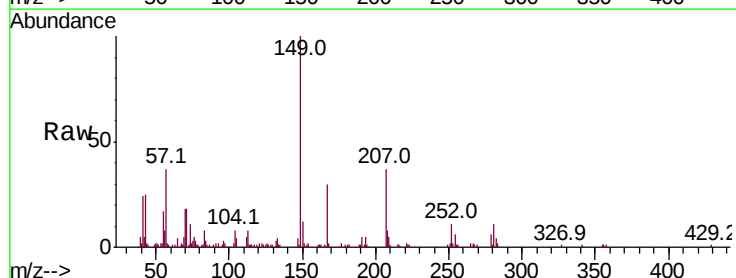
Tgt Ion:149 Resp: 44385

Ion Ratio Lower Upper

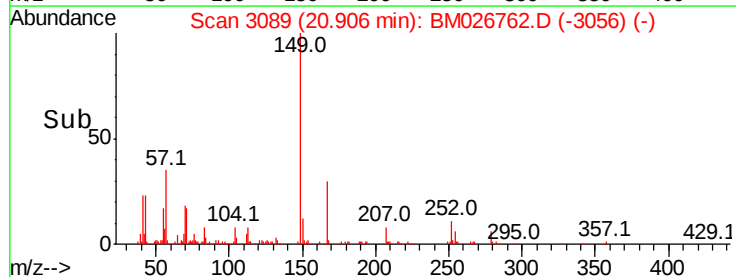
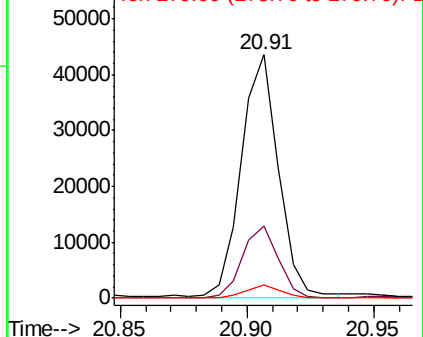
149 100

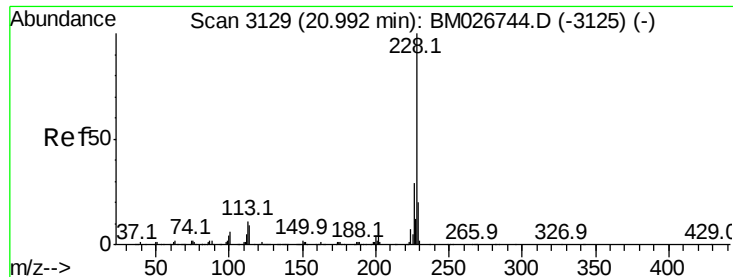
167 29.7 22.1 33.1

279 5.6 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: 3.897 ng/ul

RT: 20.99 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

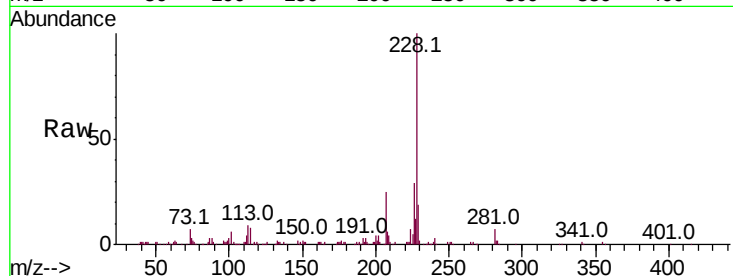
Tot Ion:228 Resp: 87070

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

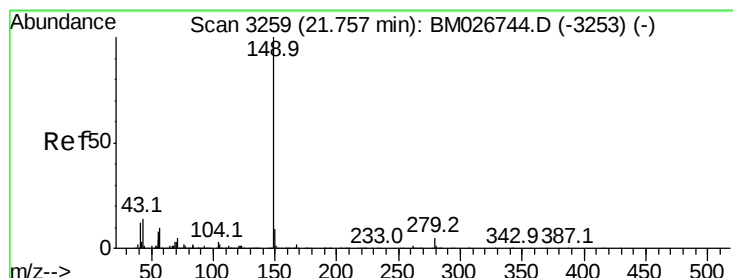
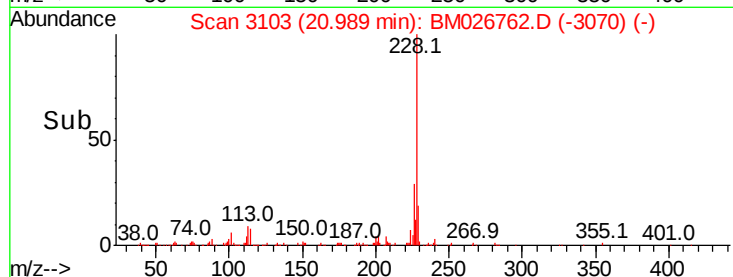
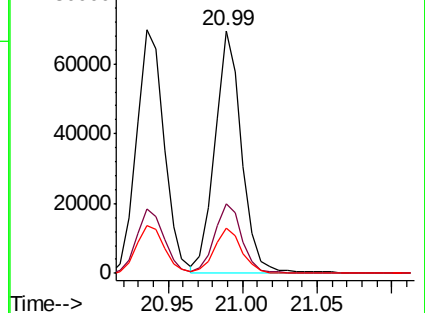
229 18.6 15.5 23.3



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: 3.329 ng/ul

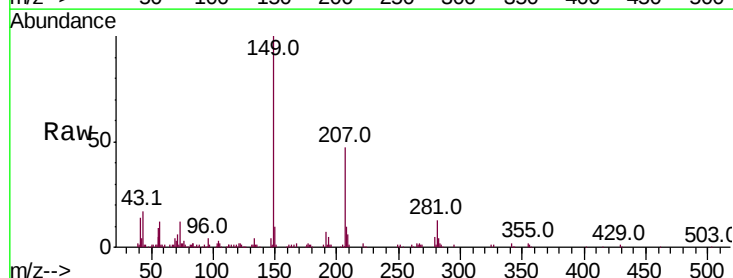
RT: 21.75 min Scan# 3232

Delta R.T. -0.01 min

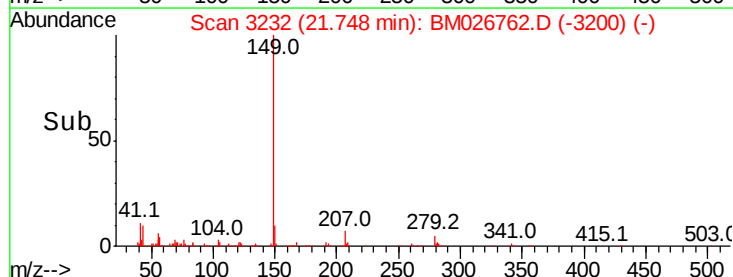
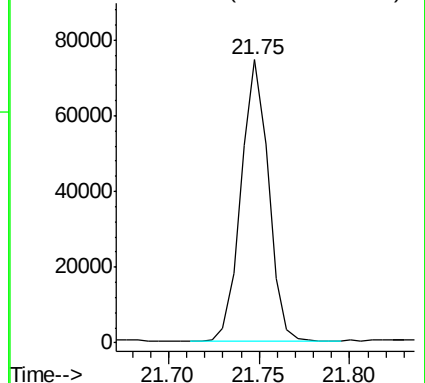
Lab File: BM026762.D

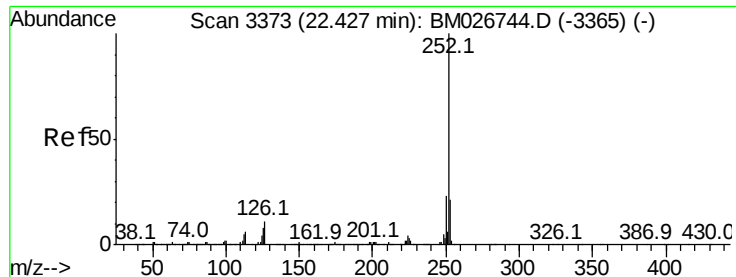
Acq: 14 Jul 2020 21:26

Tgt Ion:149 Resp: 78312



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 3.451 ng/ul

RT: 22.42 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

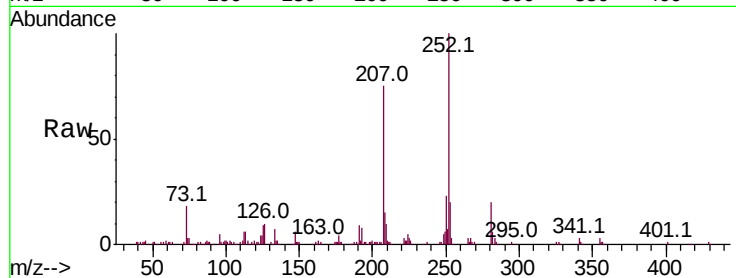
Tot Ion:252 Resp: 89509

Ion Ratio Lower Upper

252 100

253 19.9 17.2 25.8

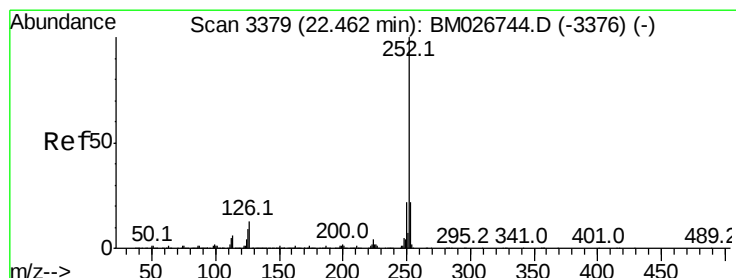
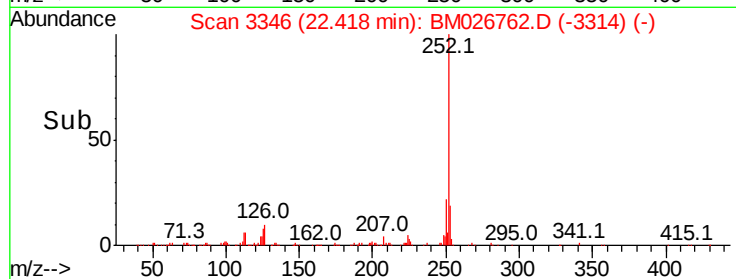
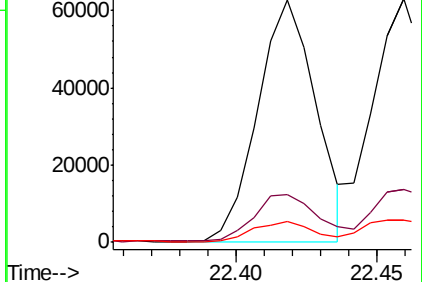
125 8.7 7.6 11.4



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: 3.602 ng/ul

RT: 22.46 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

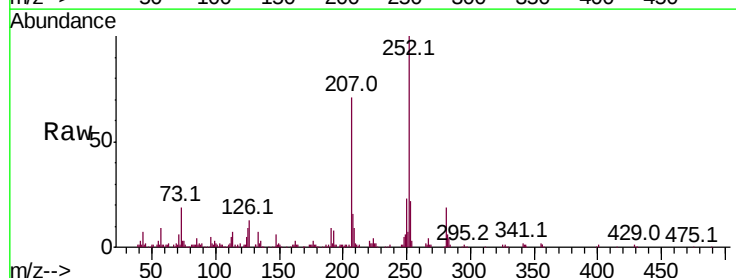
Tgt Ion:252 Resp: 92591

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

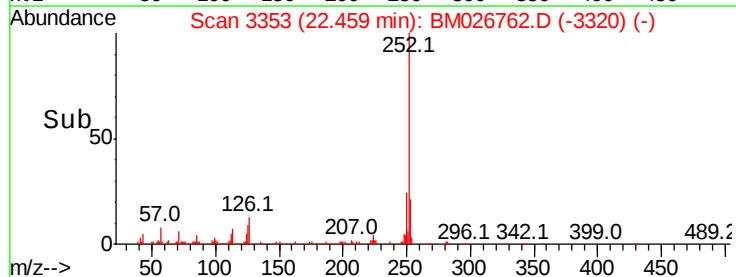
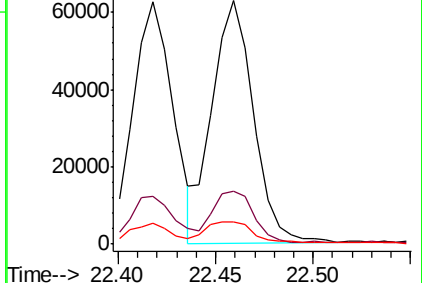
125 9.3 7.7 11.5

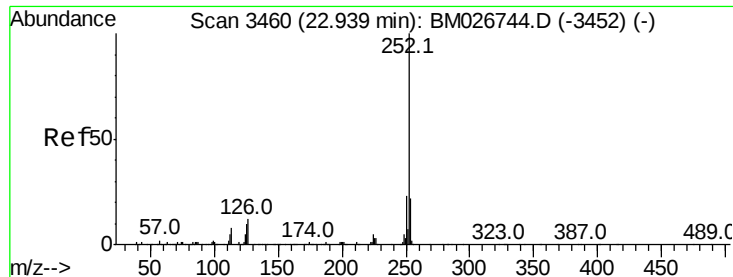


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.953 ng/ul

RT: 22.93 min Scan# 3433

Delta R.T. -0.01 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-02

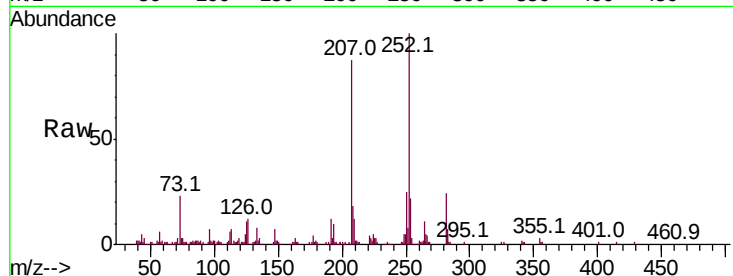
Tot Ion:252 Resp: 90935

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

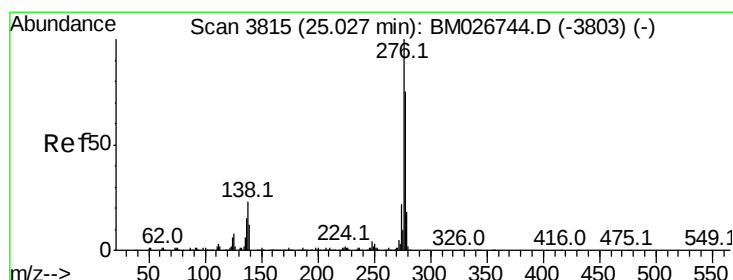
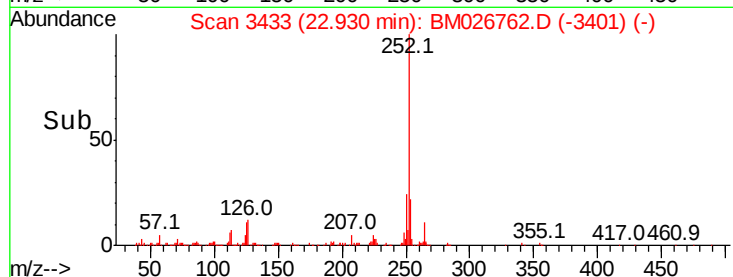
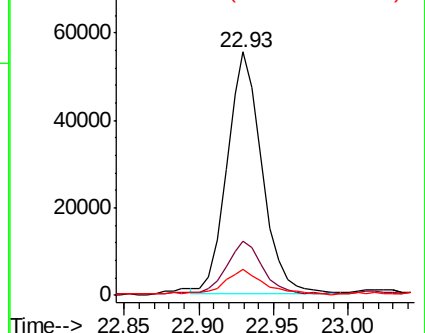
125 10.6 7.5 11.3



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: 3.634 ng/ul

RT: 25.02 min Scan# 3788

Delta R.T. -0.01 min

Lab File: BM026762.D

Acq: 14 Jul 2020 21:26

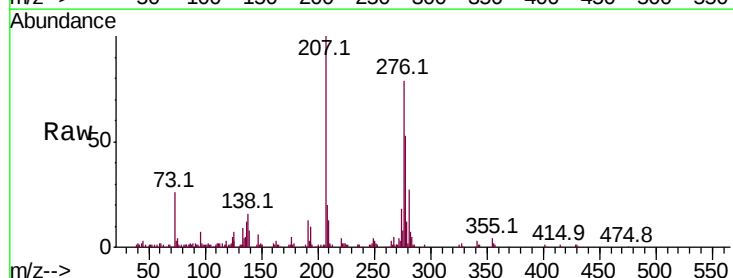
Tgt Ion:276 Resp: 109118

Ion Ratio Lower Upper

276 100

138 20.4 18.2 27.4

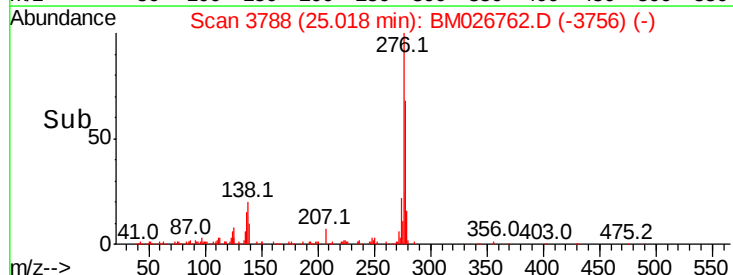
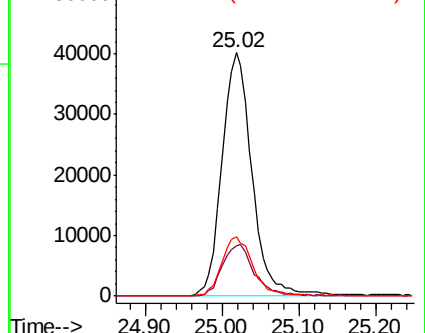
277 24.6 19.5 29.3

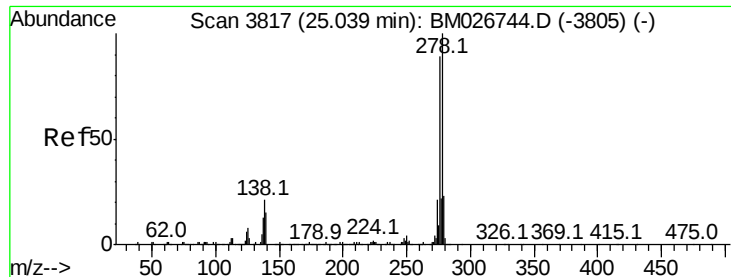


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

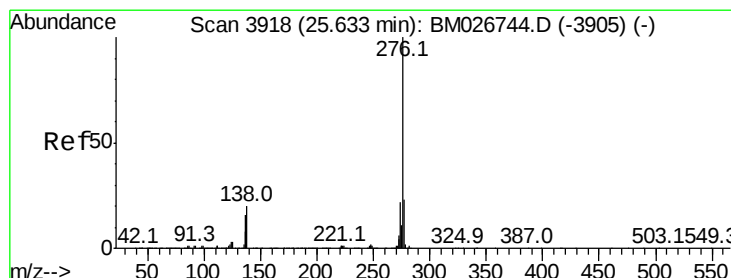
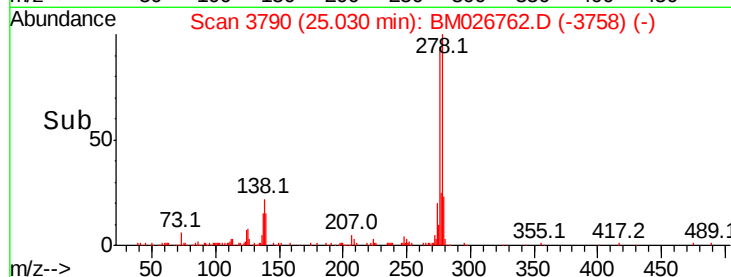
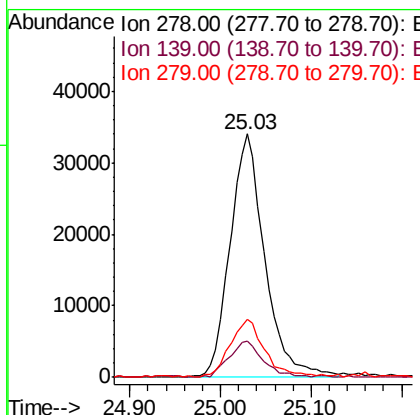
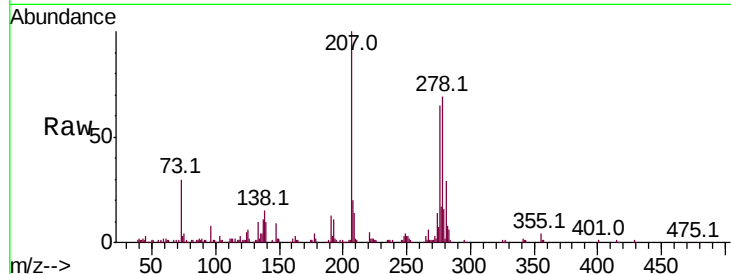




#93
Dibenzo(a,h)anthracene
Concen: 3.597 ng/ul
RT: 25.03 min Scan# 3790
Delta R.T. -0.01 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:278 Resp: 90997
Ion Ratio Lower Upper
278 100
139 15.1 11.4 17.2
279 23.6 18.6 28.0



#94
Benzo(g,h,i)perylene
Concen: 3.677 ng/ul
RT: 25.62 min Scan# 3891
Delta R.T. -0.01 min
Lab File: BM026762.D
Acq: 14 Jul 2020 21:26

Tgt Ion:276 Resp: 92077
Ion Ratio Lower Upper
276 100
138 20.3 15.6 23.4
277 21.6 18.6 27.8

