

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
 Data File : BM026879.D
 Acq On : 27 Jul 2020 19:29
 Operator : JU/CG
 Sample : L1955-17
 Misc : MDL-SOIL-ME-03
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-03

Quant Time: Jul 28 00:46:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 27 14:20:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	59218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	239924	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	162001	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	350965	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	371531	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	373695	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9744	7.51	ng/uL	0.00
5) Phenol-d5	6.84	99	166318	32.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	117917	33.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	127962	32.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	131878	33.04	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	59246	31.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	54511	31.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	126060	30.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	164144	33.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	424914	33.45	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	530683	32.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	63653	29.63	ng/ul	0.00
58) Fluorene-d10	15.31	176	366560	33.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	41243	26.36	ng/ul	0.00
71) Anthracene-d10	17.15	188	569811	32.48	ng/ul	0.00
79) Pyrene-d10	19.45	212	634814	32.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	670208	31.78	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.25	88	6730	4.172	ng/uL# 81
4) Benzaldehyde	6.82	77	23188	5.486	ng/ul 98
6) Phenol	6.87	94	42081	7.580	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.10	93	34442	7.840	ng/ul 96
10) 2-Chlorophenol	7.24	128	30930	7.674	ng/ul 97
11) 2-Methylphenol	8.11	108	28808	7.253	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.20	45	29465	7.574	ng/ul 98
14) Acetophenone	8.48	105	55364	8.359	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.48	70	32955	8.238	ng/ul 98
16) 4-Methylphenol	8.44	108	32439	7.664	ng/ul 95
17) Hexachloroethane	8.75	117	15610	8.126	ng/ul 94
20) Nitrobenzene	8.85	77	50090	8.285	ng/ul 97
21) Isophorone	9.38	82	82052	7.698	ng/ul 96
23) 2-Nitrophenol	9.57	139	15494	7.939	ng/ul 99
24) 2,4-Dimethylphenol	9.64	107	38619	7.575	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.87	93	45669	7.691	ng/ul 100
27) 2,4-Dichlorophenol	10.10	162	31116	7.821	ng/ul 90
28) Naphthalene	10.50	128	105535	7.873	ng/ul 97
30) 4-Chloroaniline	10.60	127	37295	7.593	ng/ul 93
31) Hexachlorobutadiene	10.81	225	23149	8.240	ng/ul 95
32) Caprolactam	11.37	113	8094	6.515	ng/ul 87
33) 4-Chloro-3-methylphenol	11.73	107	33378	7.525	ng/ul 99
34) 2-Methylnaphthalene	12.12	142	74201	7.830	ng/ul 96

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

35) 1-Methylnaphthalene	12.34	142	74235	8.018	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	42007	7.586	ng/ul	95
38) Hexachlorocyclopentadiene	12.48	237	25268	6.730	ng/ul	97
39) 2,4,6-Trichlorophenol	12.73	196	21383	6.739	ng/ul	97
40) 2,4,5-Trichlorophenol	12.79	196	22625	6.673	ng/ul	97
41) 1,1'-Biphenyl	13.14	154	100152	7.398	ng/ul	98
42) 2-Chloronaphthalene	13.18	162	82512	7.575	ng/ul	98
43) 2-Nitroaniline	13.37	65	22741	7.020	ng/ul	96
45) Dimethylphthalate	13.77	163	104878	7.867	ng/ul	99
46) 2,6-Dinitrotoluene	13.88	165	16472	7.008	ng/ul	93
48) Acenaphthylene	14.02	152	126557	7.705	ng/ul	98
49) 3-Nitroaniline	14.20	138	13766	5.992	ng/ul	92
50) Acenaphthene	14.37	153	88478	7.819	ng/ul	100
51) 2,4-Dinitrophenol	14.41	184	4945	5.254	ng/ul	98
53) 4-Nitrophenol	14.51	109	17461	8.112	ng/ul	92
54) Dibenzofuran	14.71	168	125080	7.974	ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	25211	7.466	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.94	232	17819	6.699	ng/ul	98
57) Diethylphthalate	15.15	149	106937	7.999	ng/ul	99
59) Fluorene	15.36	166	103120	7.807	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.36	204	52027	7.914	ng/ul	97
61) 4-Nitroaniline	15.36	138	16398	5.823	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.43	198	11556	6.500	ng/ul#	82
65) N-Nitrosodiphenylamine	15.57	169	85023	7.405	ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	30879	7.500	ng/ul	93
67) Hexachlorobenzene	16.37	284	36755	7.872	ng/ul	97
68) Atrazine	16.52	200	29931	7.102	ng/ul	96
69) Pentachlorophenol	16.71	266	14100	6.069	ng/ul	97
70) Phenanthrene	17.09	178	168048	7.888	ng/ul	100
72) Anthracene	17.18	178	170141	7.770	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	39298	7.127	ng/uL	100
74) Pentachlorobenzene	14.63	250	40658	7.605	ng/uL	98
75) Carbazole	17.45	167	144227	7.451	ng/ul	100
76) Di-n-butylphthalate	18.04	149	165902	7.286	ng/ul	98
77) Fluoranthene	19.11	202	189853	7.548	ng/ul	99
80) Pvrene	19.48	202	204636	7.570	ng/ul#	96
81) Butylbenzylphthalate	20.40	149	62630	6.231	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.16	252	49001	5.578	ng/ul	100
83) Benzo(a)anthracene	21.23	228	197285	7.704	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	93859	6.229	ng/ul	99
85) Chrysene	21.28	228	194955	7.807	ng/ul	99
87) Di-n-octyl phthalate	22.07	149	157487	5.736	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	197033	7.370	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	202350	7.888	ng/ul	98
91) Benzo(a)pyrene	23.36	252	189348	7.849	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.68	276	222668	7.441	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	193344	7.639	ng/ul	99
94) Benzo(a,h,i)perylene	26.35	276	186037	7.518	ng/ul	99

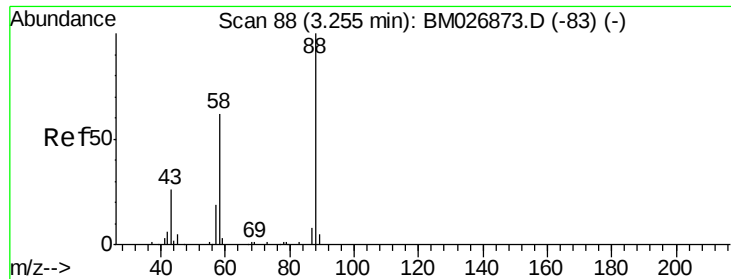
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 4.172 ng/uL

RT: 3.25 min Scan# 88

Delta R.T. 0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

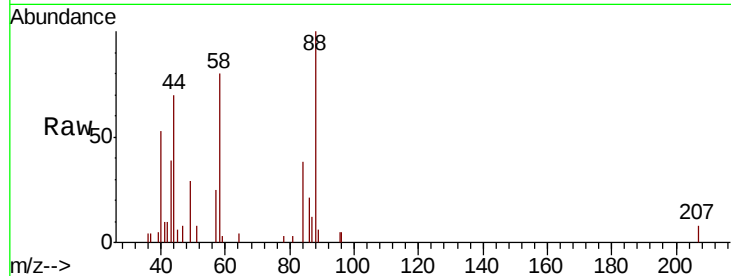
Tot Ion: 88 Resp: 6730

Ion Ratio Lower Upper

88 100

43 38.5 24.7 37.1#

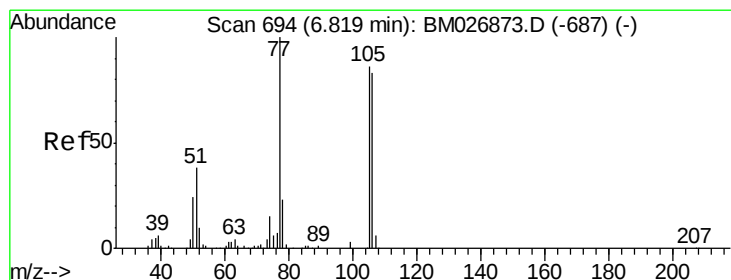
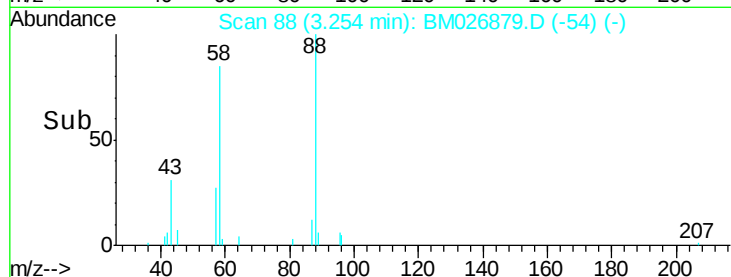
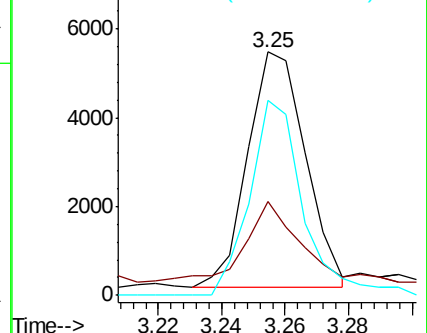
58 80.3 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): BM026879.D (-54) (-)

Ion 43.00 (42.70 to 43.70): BM026879.D (-54) (-)

Ion 58.00 (57.70 to 58.70): BM026879.D (-54) (-)



#4

Benzaldehyde

Concen: 5.486 ng/uL

RT: 6.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

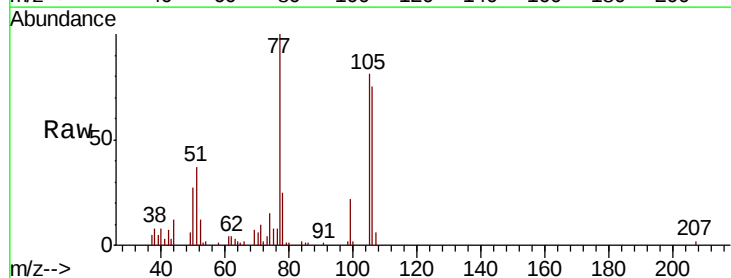
Tgt Ion: 77 Resp: 23188

Ion Ratio Lower Upper

77 100

105 81.0 64.9 97.3

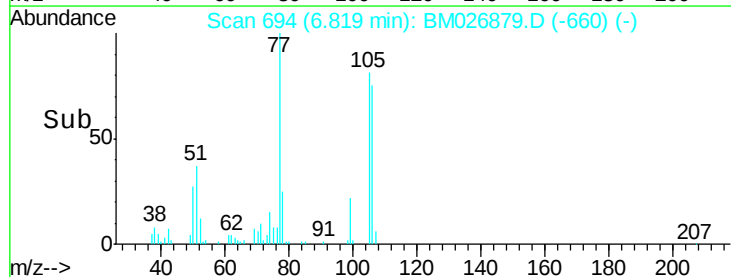
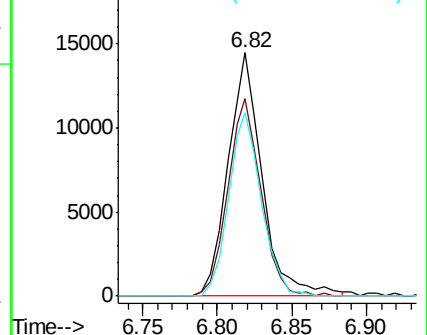
106 75.2 62.5 93.7

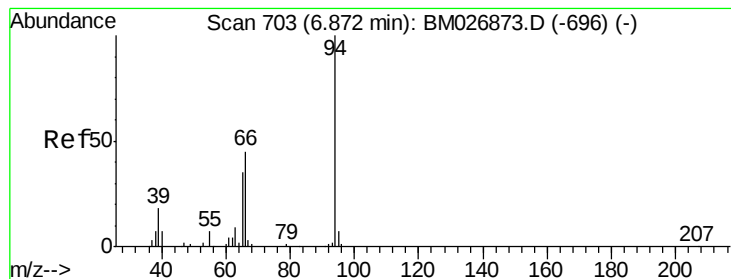


Abundance Ion 77.00 (76.70 to 77.70): BM026879.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BM026879.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BM026879.D (-660) (-)





#6

Phenol

Concen: 7.580 ng/ul

RT: 6.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

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ClientSampleId :

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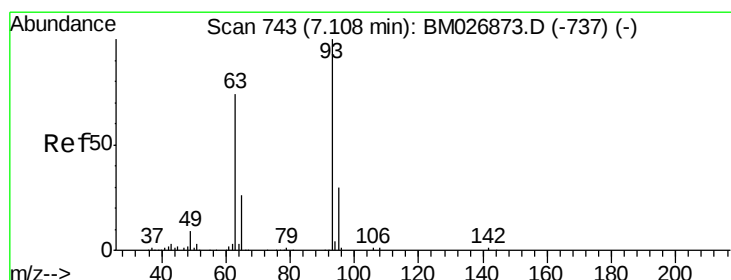
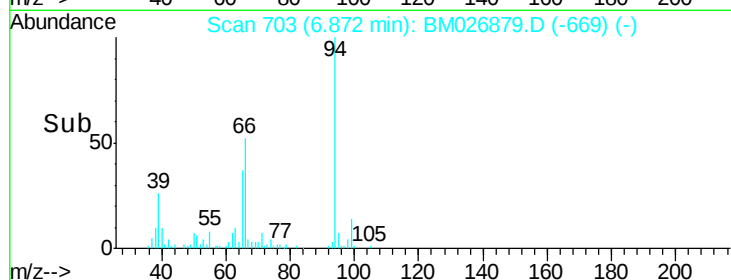
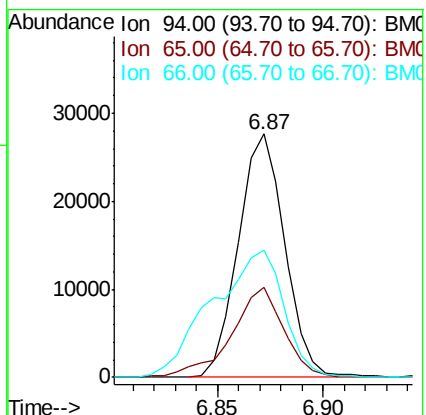
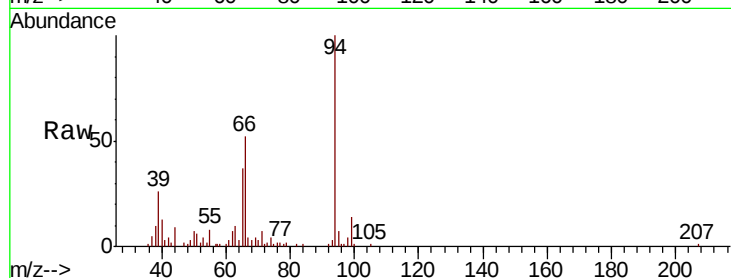
Tot Ion: 94 Resp: 42081

Ion Ratio Lower Upper

94 100

65 36.8 26.2 39.4

66 52.0 38.2 57.2



#8

Bis(2-Chloroethyl)ether

Concen: 7.840 ng/ul

RT: 7.10 min Scan# 742

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

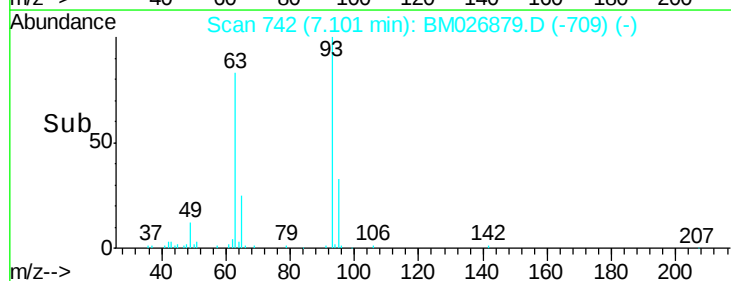
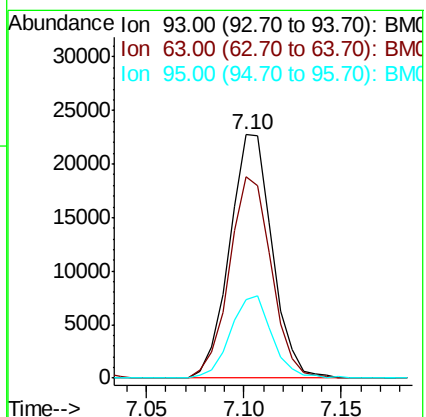
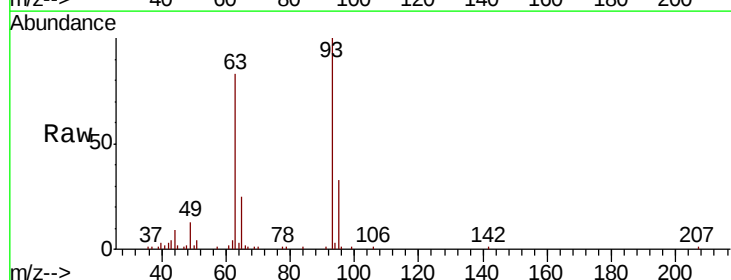
Tgt Ion: 93 Resp: 34442

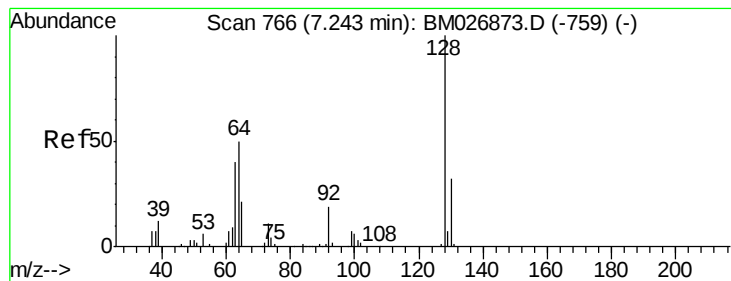
Ion Ratio Lower Upper

93 100

63 82.8 62.9 94.3

95 32.5 24.6 37.0





#10

2-Chlorophenol

Concen: 7.674 ng/ul

RT: 7.24 min Scan# 766

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

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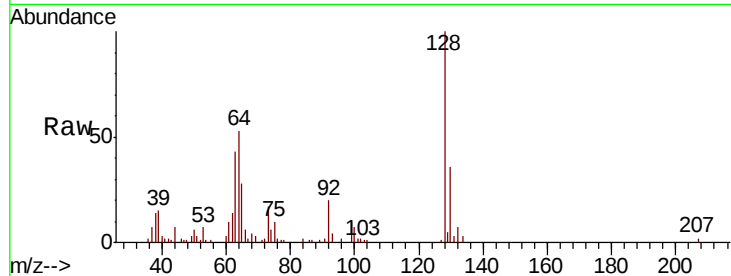
Tot Ion:128 Resp: 30930

Ion Ratio Lower Upper

128 100

64 52.8 43.4 65.2

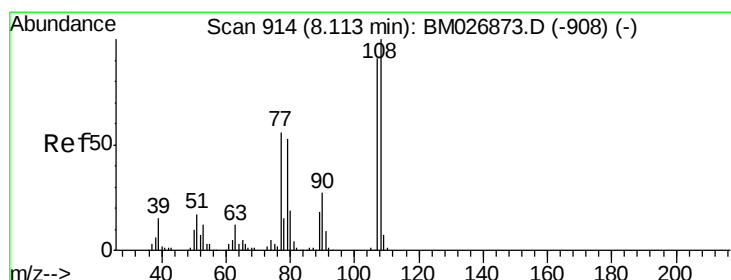
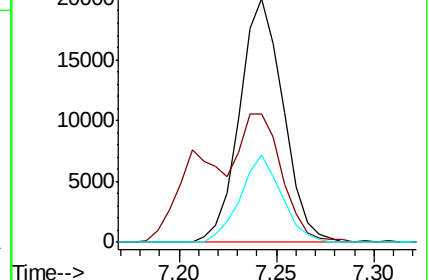
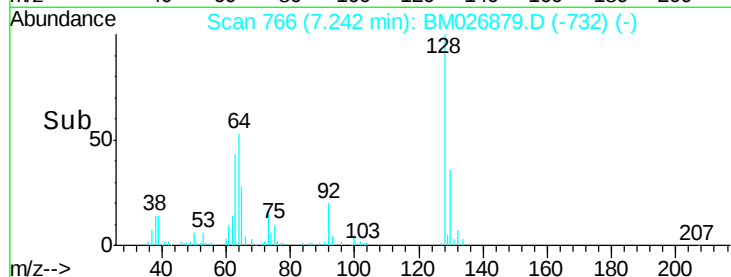
130 35.7 26.3 39.5



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: 7.253 ng/ul

RT: 8.11 min Scan# 914

Delta R.T. -0.00 min

Lab File: BM026879.D

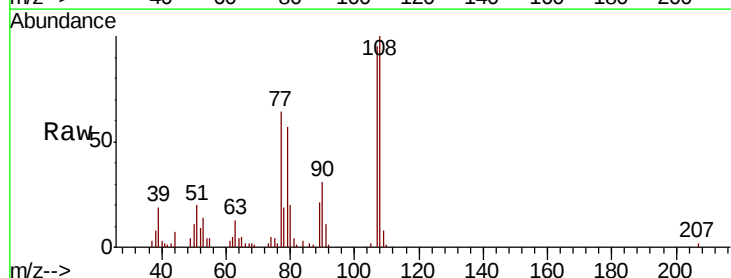
Acq: 27 Jul 2020 19:29

Tgt Ion:108 Resp: 28808

Ion Ratio Lower Upper

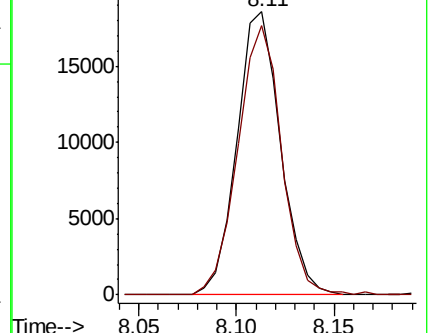
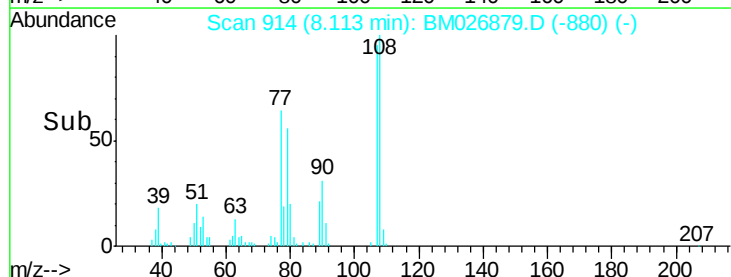
108 100

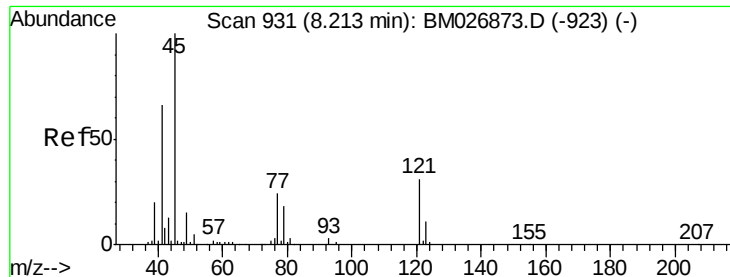
107 95.1 72.5 108.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

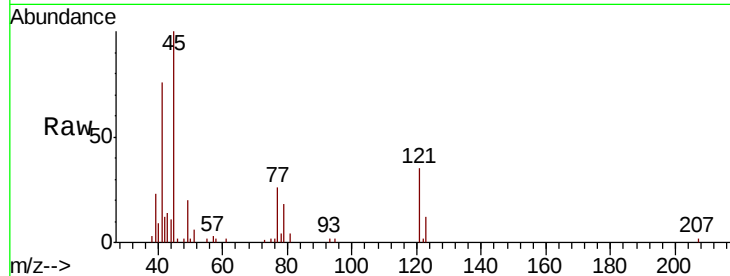




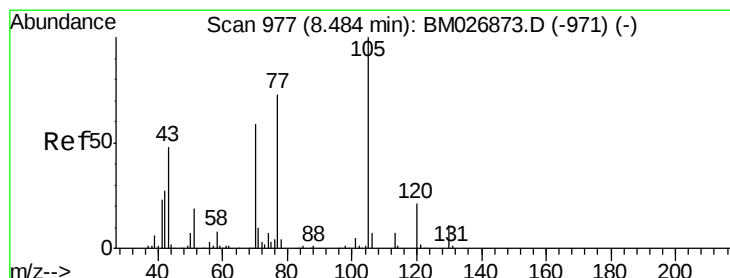
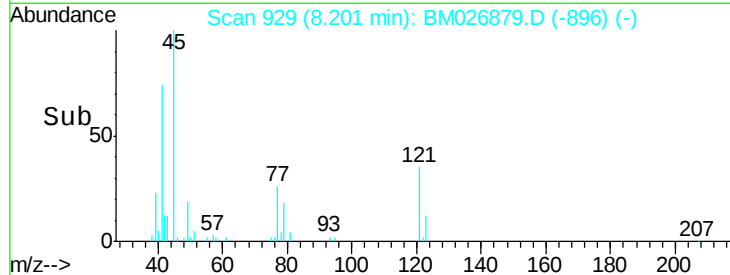
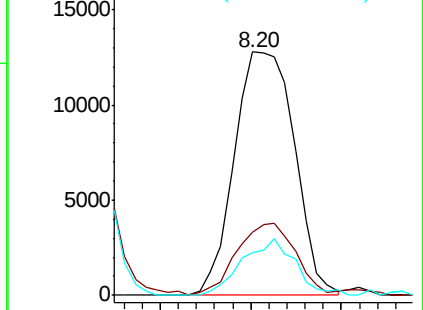
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 7.574 ng/ul
RT: 8.20 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM026879.D
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Tot Ion	45	Resp	29465
Ion Ratio	100	Lower	Upper
77	26.0	19.7	29.5
79	17.7	14.9	22.3

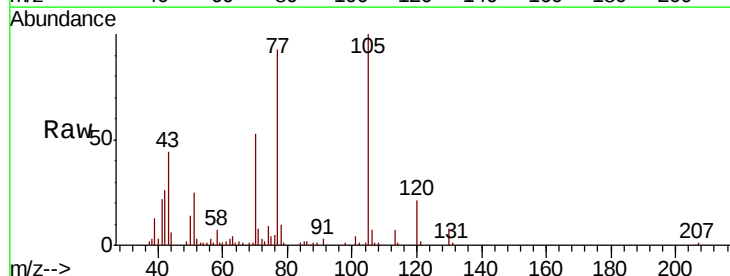


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

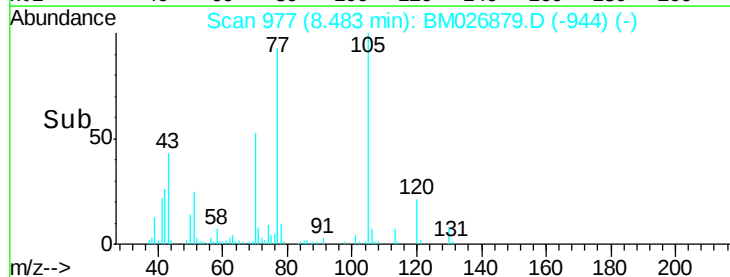
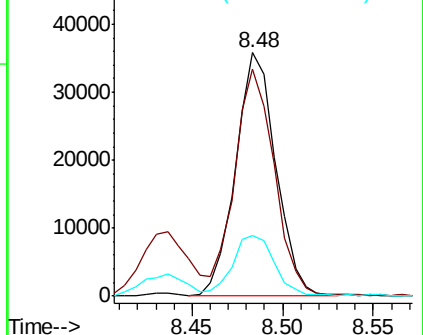


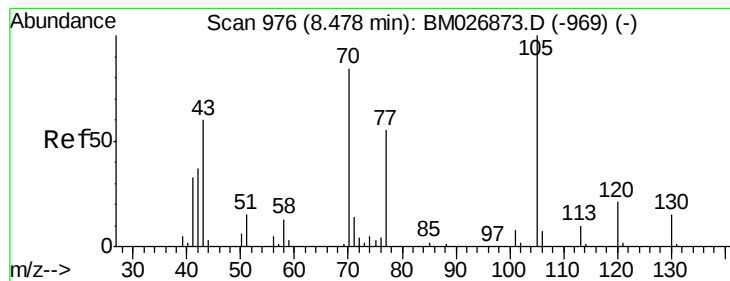
#14
Acetophenone
Concen: 8.359 ng/ul
RT: 8.48 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Tgt Ion	105	Resp	55364
Ion Ratio	100	Lower	Upper
77	93.1	74.0	111.0
51	24.7	17.3	25.9



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: 8.238 ng/ul

RT: 8.48 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

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ClientSampleId :

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Tot Ion: 70 Resp: 32955

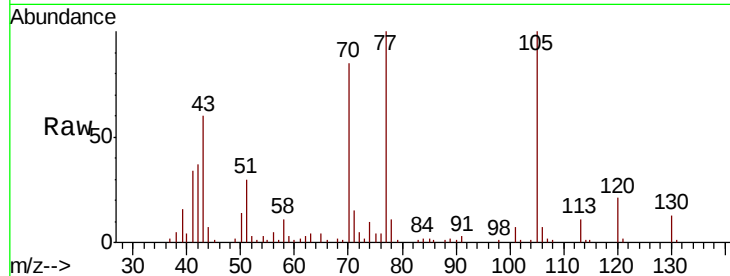
Ion Ratio Lower Upper

70 100

42 43.4 34.2 51.4

101 8.5 6.4 9.6

130 15.2 13.2 19.8

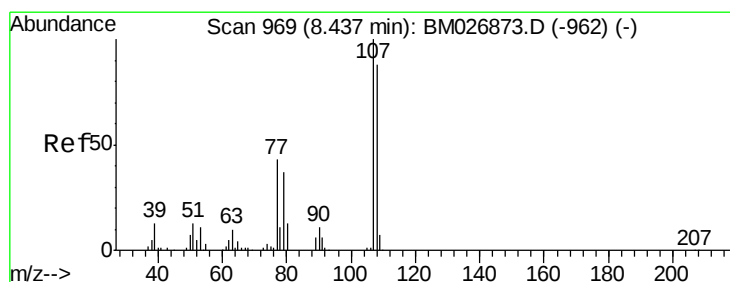
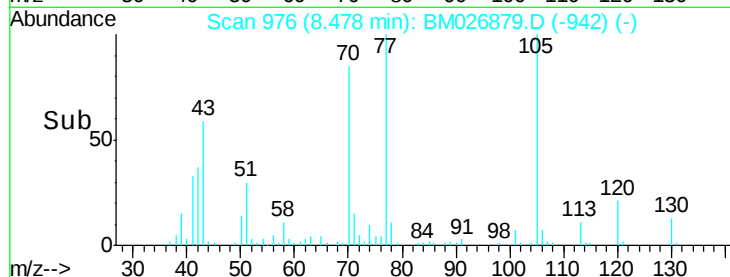
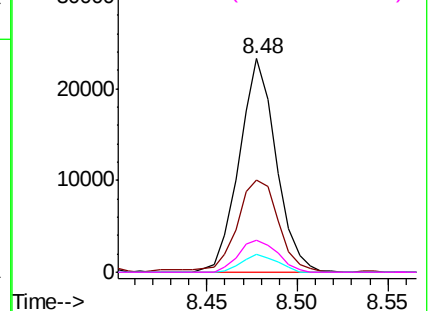


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 7.664 ng/ul

RT: 8.44 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM026879.D

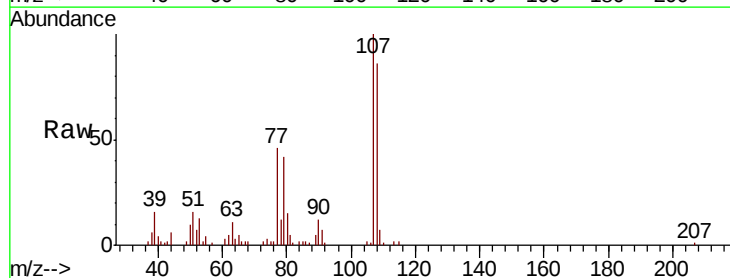
Acq: 27 Jul 2020 19:29

Tgt Ion: 108 Resp: 32439

Ion Ratio Lower Upper

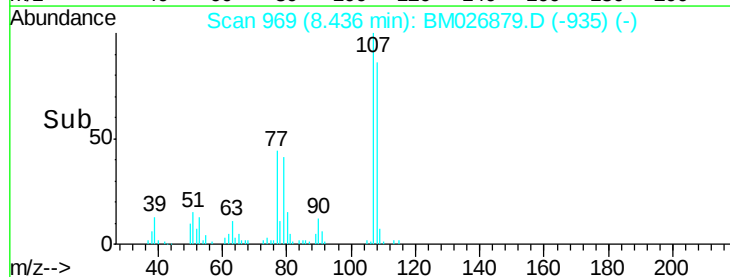
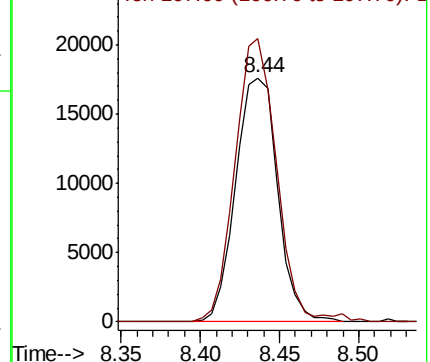
108 100

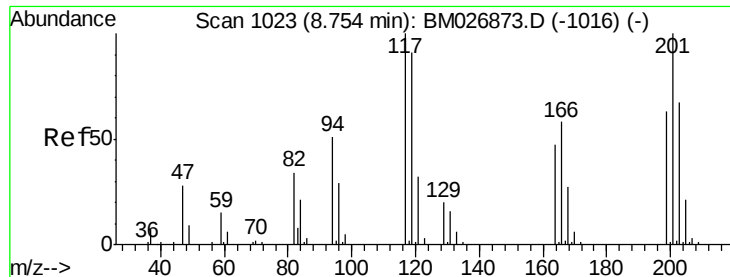
107 115.9 88.8 133.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

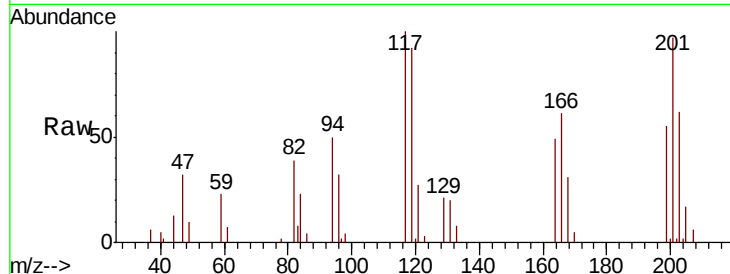




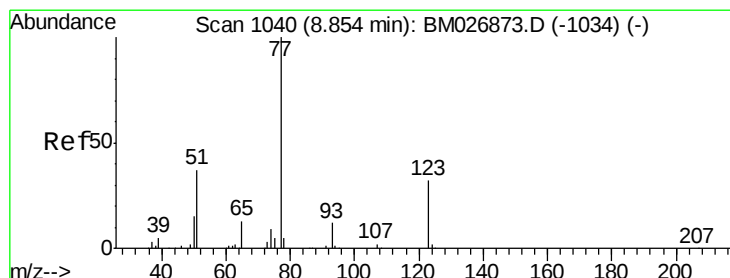
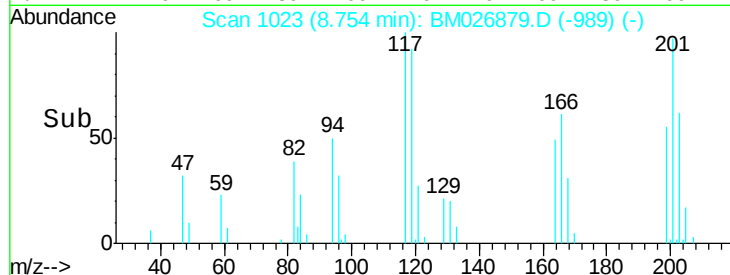
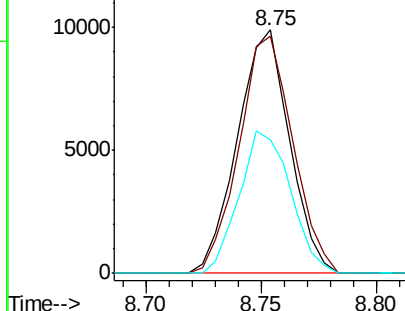
#17
Hexachloroethane
Concen: 8.126 ng/ul
RT: 8.75 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-03

Tot Ion:117 Resp: 15610
Ion Ratio Lower Upper
117 100
201 97.3 80.8 121.2
199 54.9 50.3 75.5

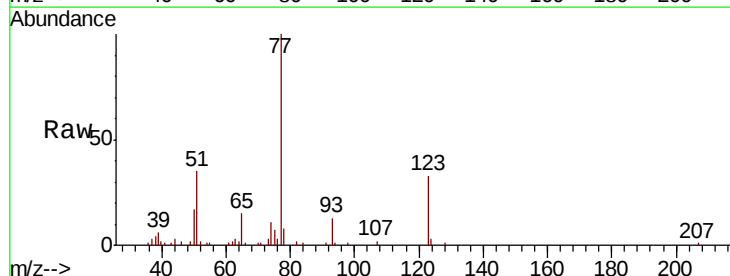


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

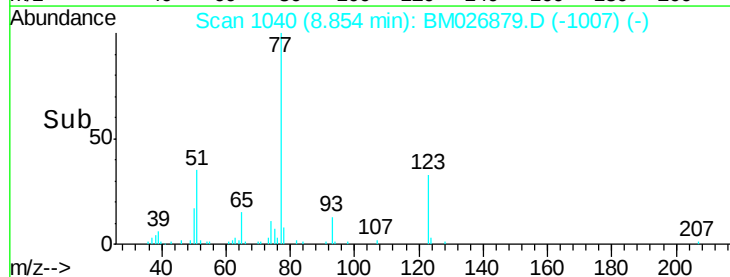
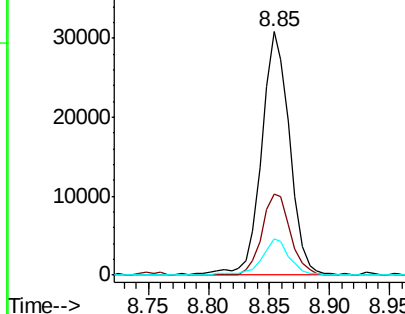


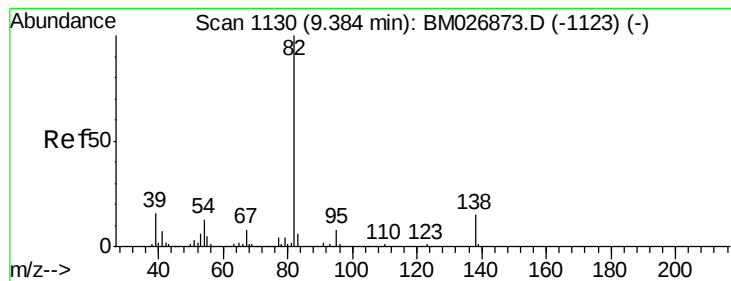
#20
Nitrobenzene
Concen: 8.285 ng/ul
RT: 8.85 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Tgt Ion: 77 Resp: 50090
Ion Ratio Lower Upper
77 100
123 33.4 28.3 42.5
65 14.7 11.0 16.6



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: 7.698 ng/ul

RT: 9.38 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

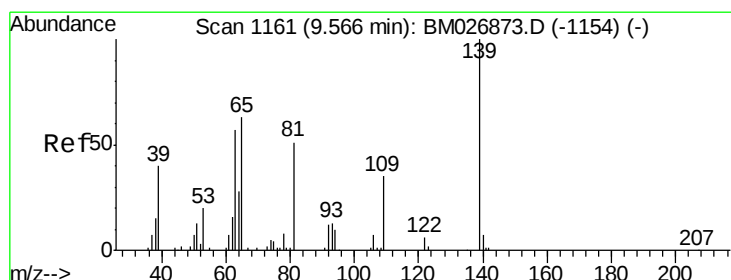
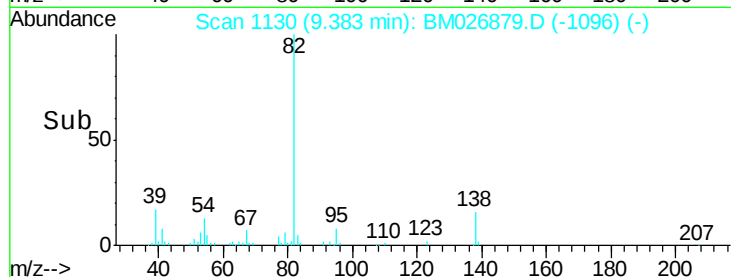
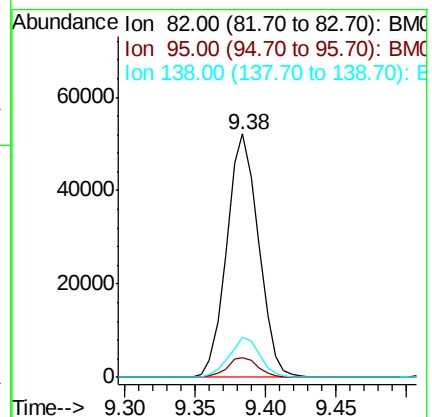
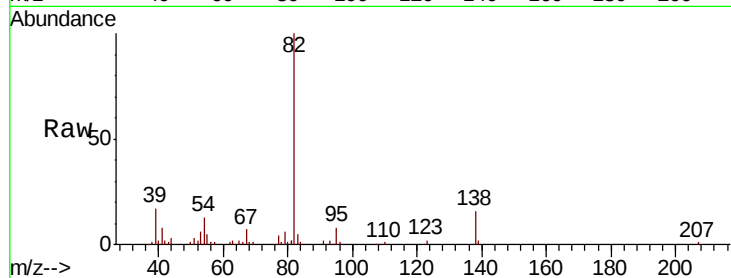
Tot Ion: 82 Resp: 82052

Ion Ratio Lower Upper

82 100

95 8.3 6.0 9.0

138 16.4 11.5 17.3



#23

2-Nitrophenol

Concen: 7.939 ng/ul

RT: 9.57 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

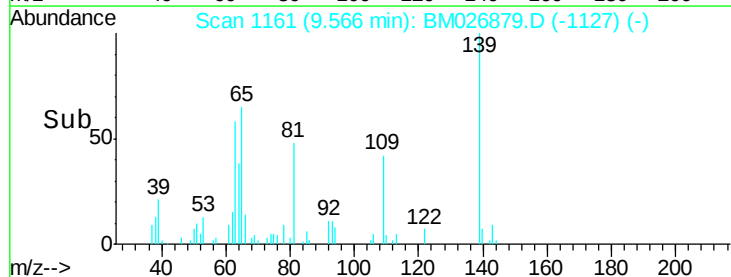
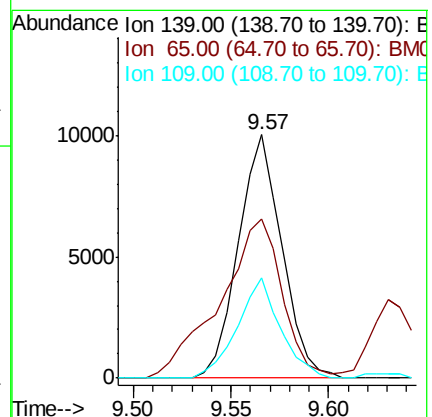
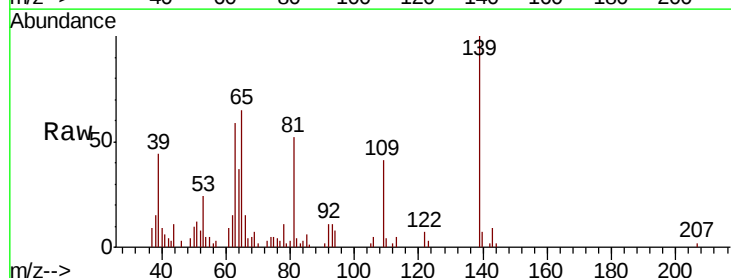
Tgt Ion: 139 Resp: 15494

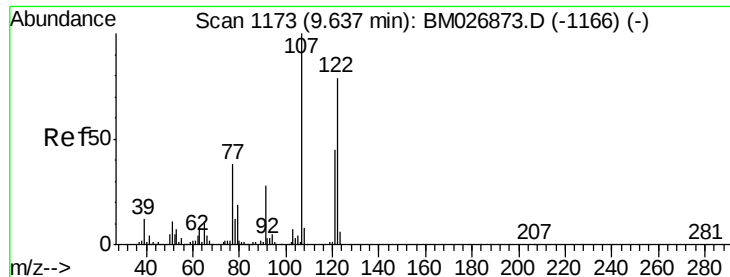
Ion Ratio Lower Upper

139 100

65 65.4 53.3 79.9

109 41.4 32.6 49.0

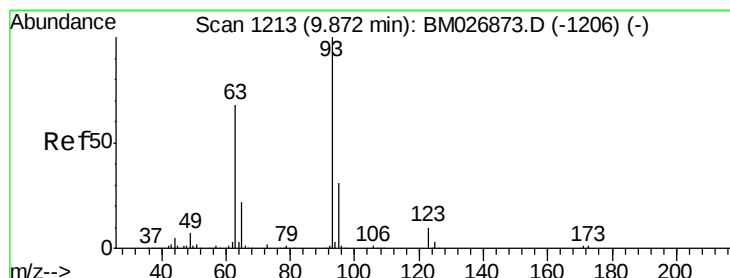
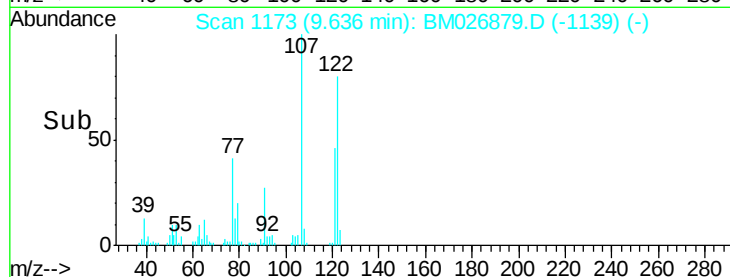
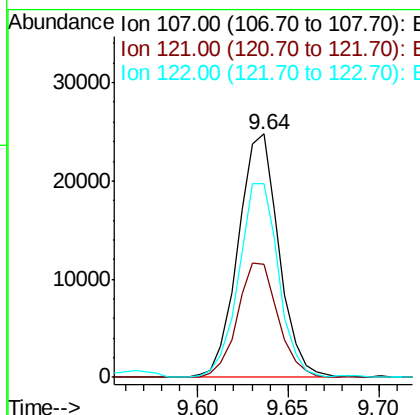
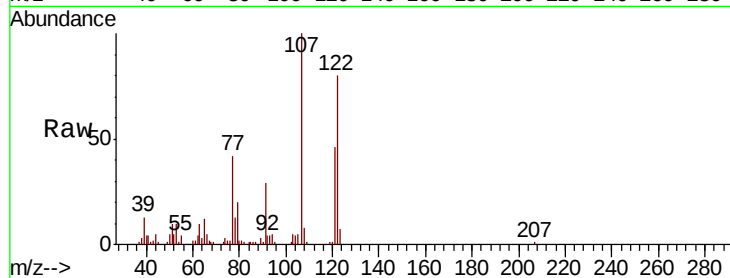




#24
 2,4-Dimethylphenol
 Concen: 7.575 ng/ul
 RT: 9.64 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

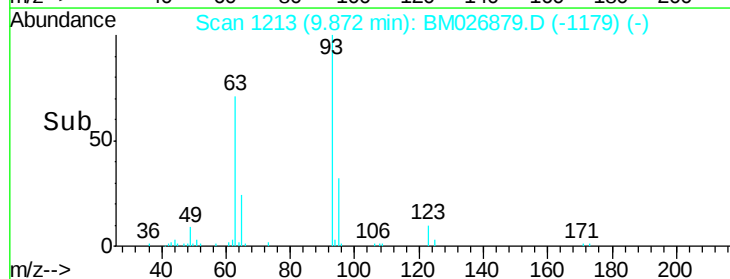
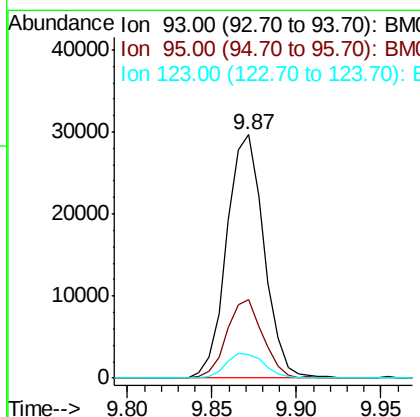
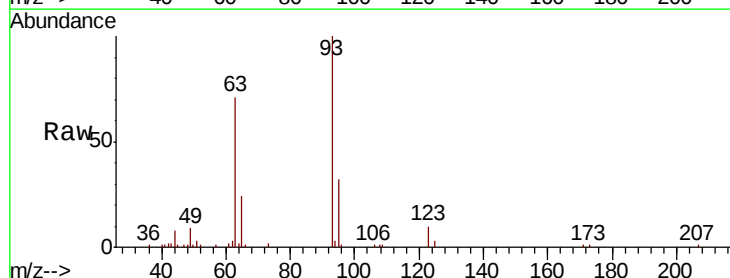
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-03

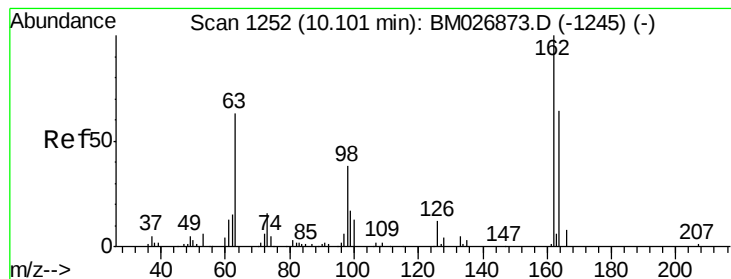
Tot Ion: 107 Resp: 38619
 Ion Ratio Lower Upper
 107 100
 121 46.2 35.5 53.3
 122 79.6 61.0 91.4



#25
 Bis(2-Chloroethoxy)methane
 Concen: 7.691 ng/ul
 RT: 9.87 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Tgt Ion: 93 Resp: 45669
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.7 38.5
 123 9.6 7.8 11.8





#27

2,4-Dichlorophenol

Concen: 7.821 ng/ul

RT: 10.10 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

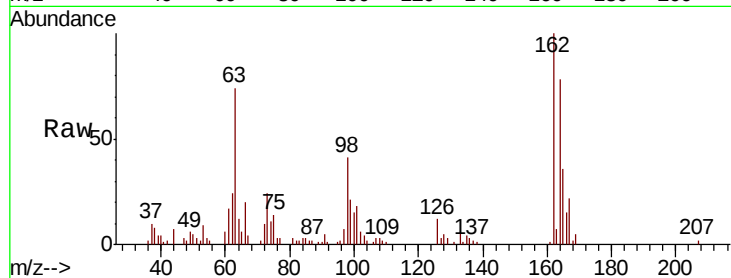
Tot Ion:162 Resp: 31116

Ion Ratio Lower Upper

162 100

164 78.3 52.4 78.6

98 40.6 32.2 48.2

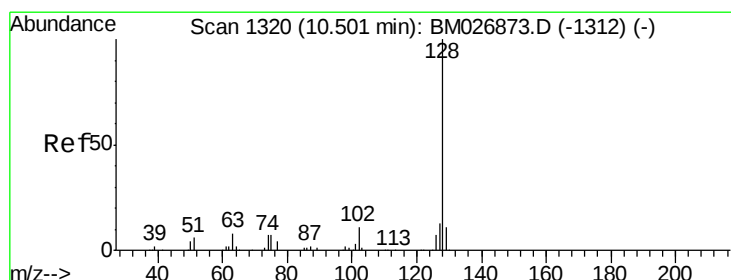
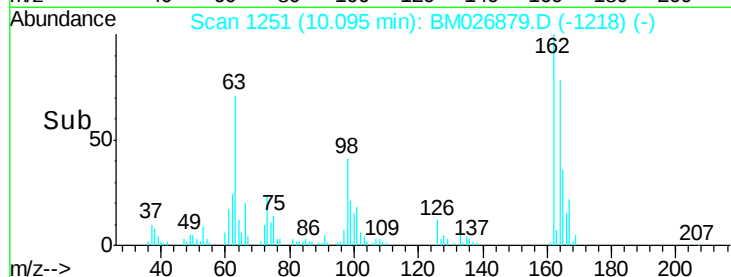
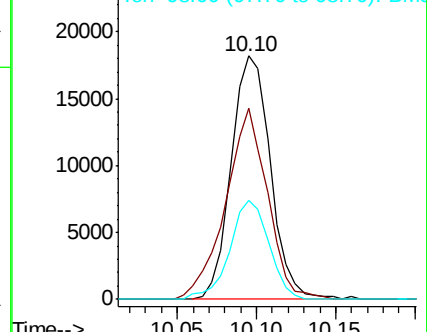


Abundance

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: 7.873 ng/ul

RT: 10.50 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

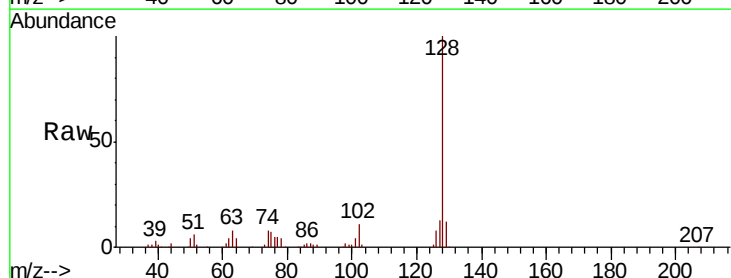
Tgt Ion:128 Resp: 105535

Ion Ratio Lower Upper

128 100

129 11.6 8.3 12.5

127 12.9 11.0 16.6

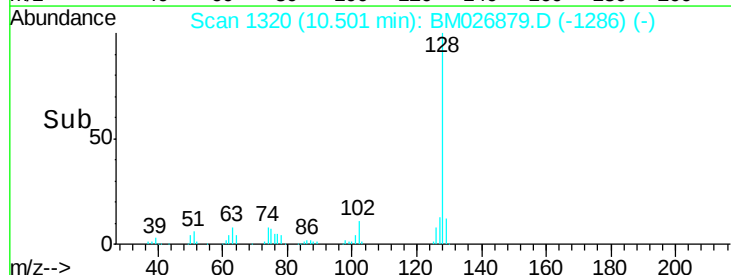
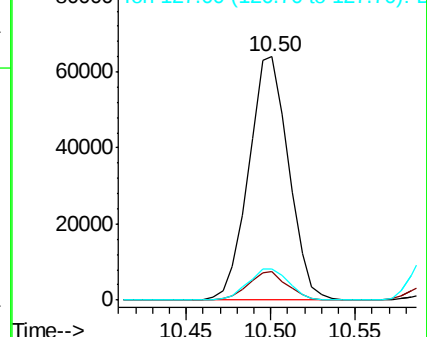


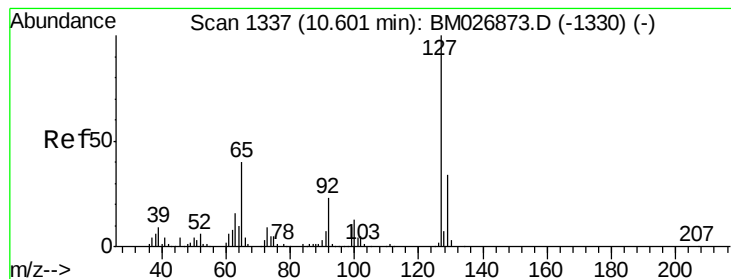
Abundance

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: 7.593 ng/ul

RT: 10.60 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

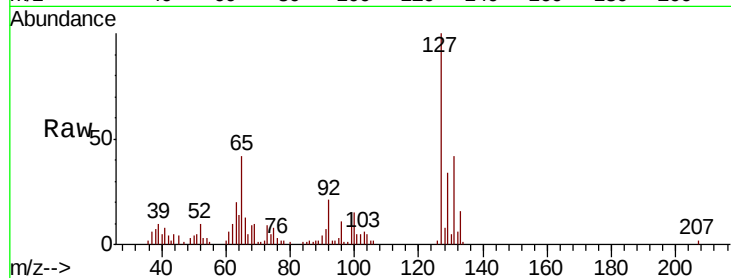
MDL-ME-SOIL-03

Tot Ion:127 Resp: 37295

Ion Ratio Lower Upper

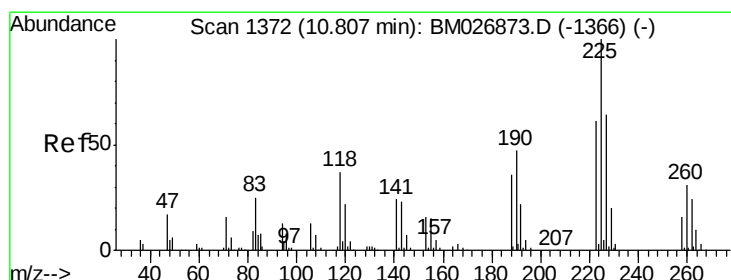
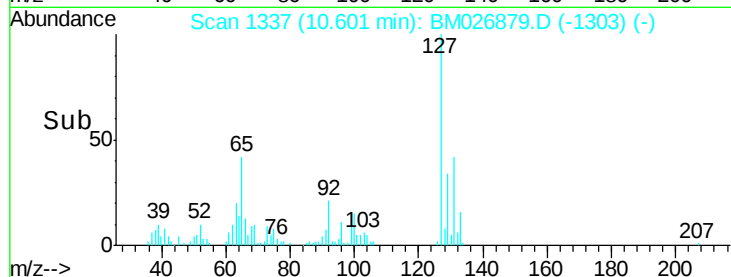
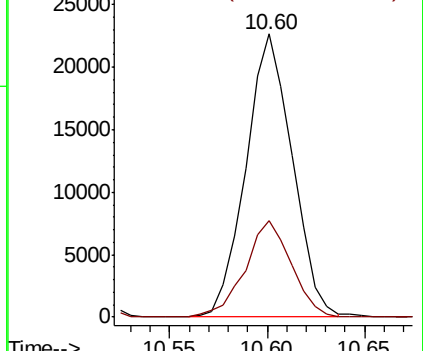
127 100

129 34.3 24.3 36.5



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 8.240 ng/ul

RT: 10.81 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

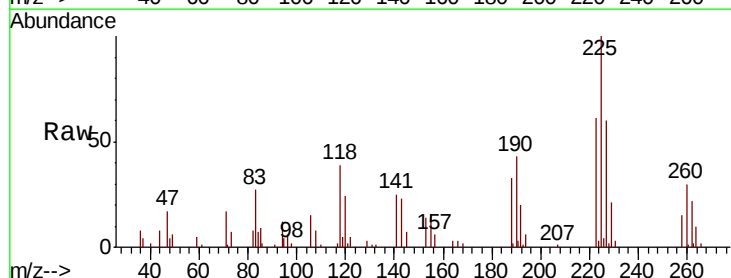
Tgt Ion:225 Resp: 23149

Ion Ratio Lower Upper

225 100

223 60.7 51.4 77.0

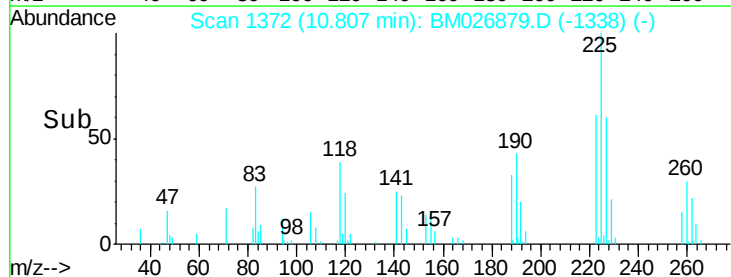
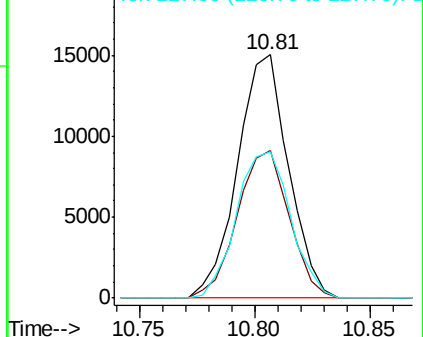
227 62.3 53.1 79.7

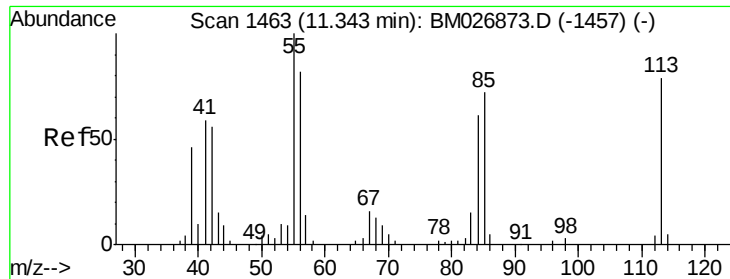


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 6.515 ng/ul

RT: 11.37 min Scan# 1467

Delta R.T. 0.02 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

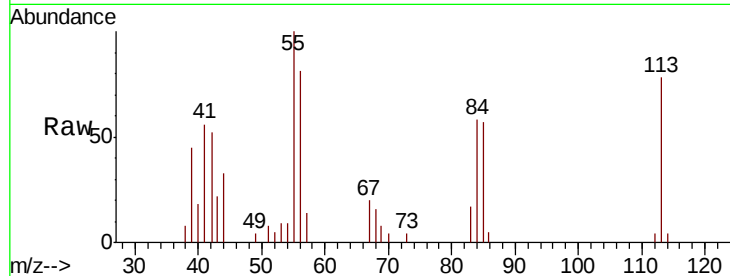
Tot Ion:113 Resp: 8094

Ion Ratio Lower Upper

113 100

55 128.7 119.7 179.5

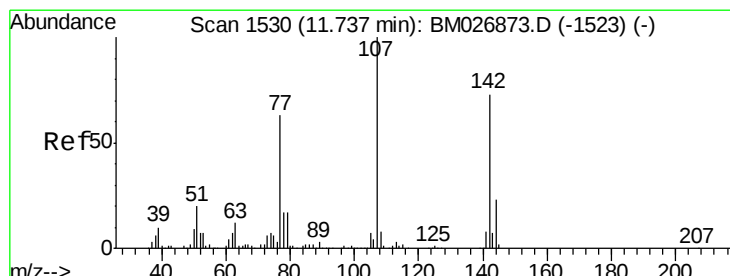
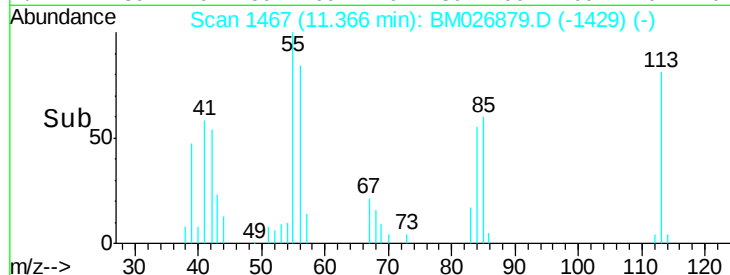
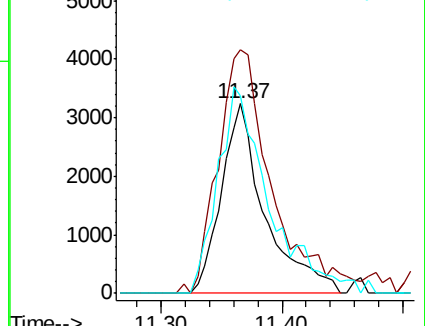
56 104.1 90.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 7.525 ng/ul

RT: 11.73 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

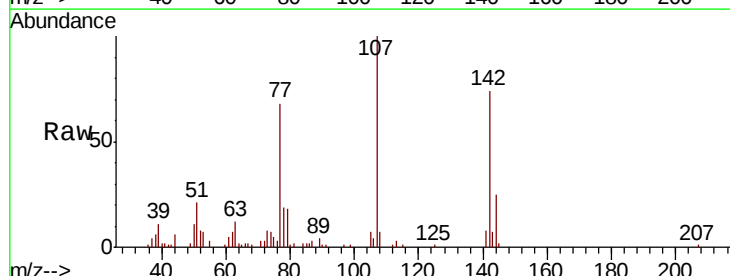
Tgt Ion:107 Resp: 33378

Ion Ratio Lower Upper

107 100

144 25.0 20.6 30.8

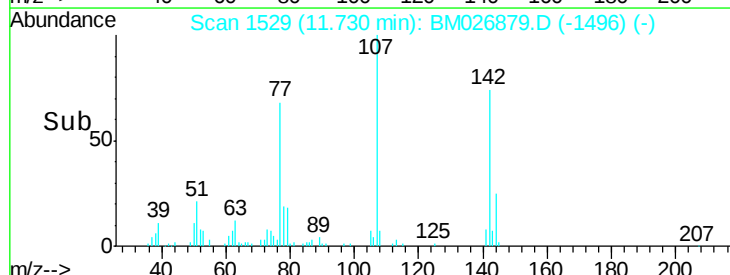
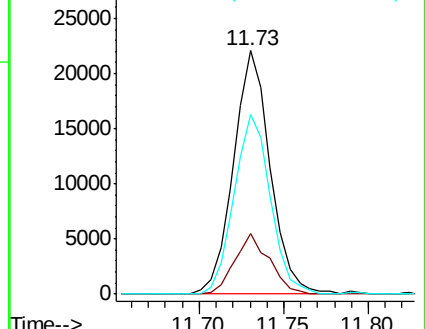
142 73.6 59.9 89.9

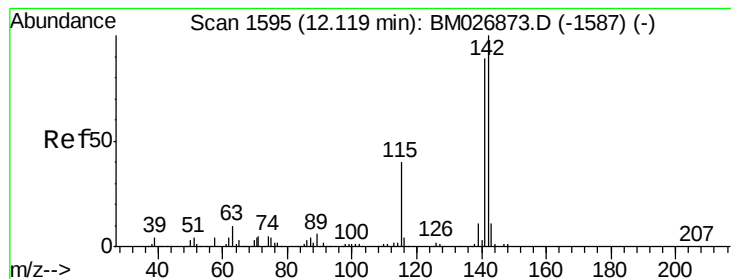


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 7.830 ng/ul

RT: 12.12 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

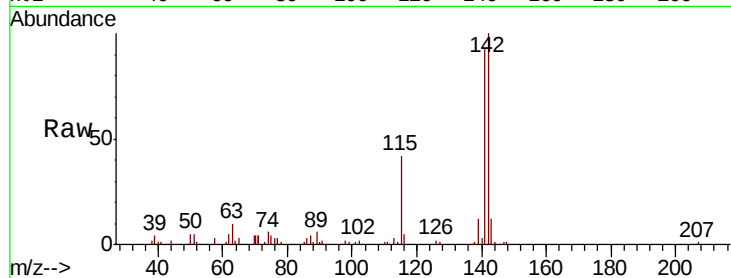
MDL-ME-SOIL-03

Tot Ion:142 Resp: 74201

Ion Ratio Lower Upper

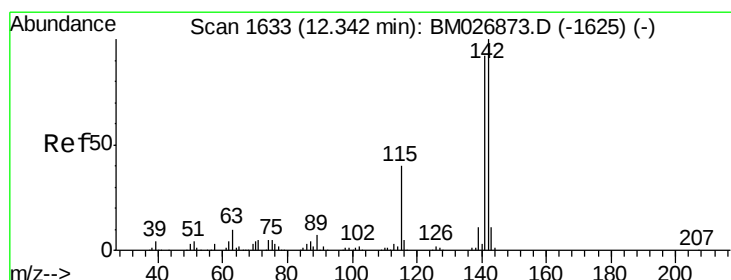
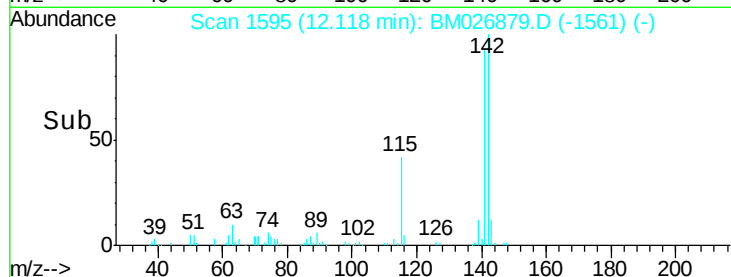
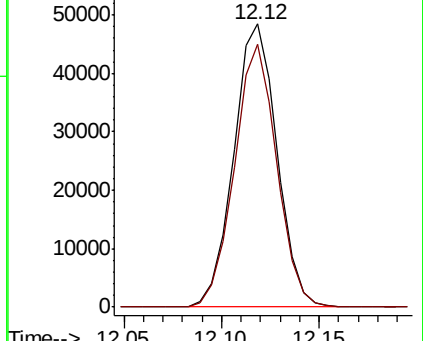
142 100

141 92.8 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 8.018 ng/ul

RT: 12.34 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

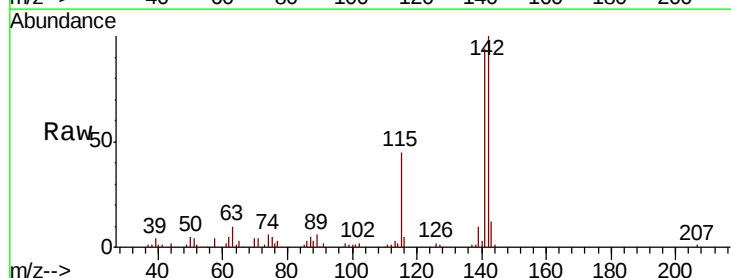
Tgt Ion:142 Resp: 74235

Ion Ratio Lower Upper

142 100

141 93.7 73.3 109.9

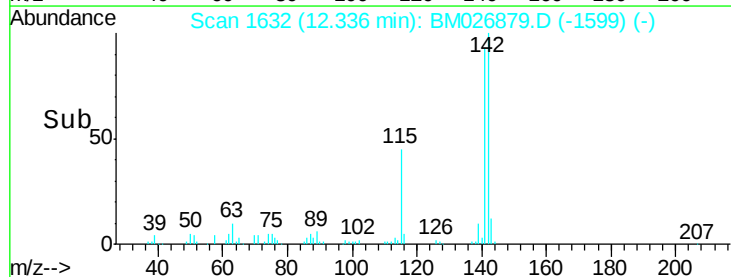
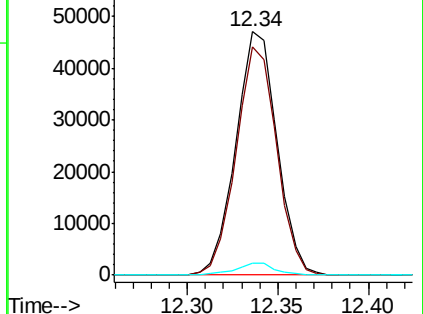
116 5.1 3.4 5.0#

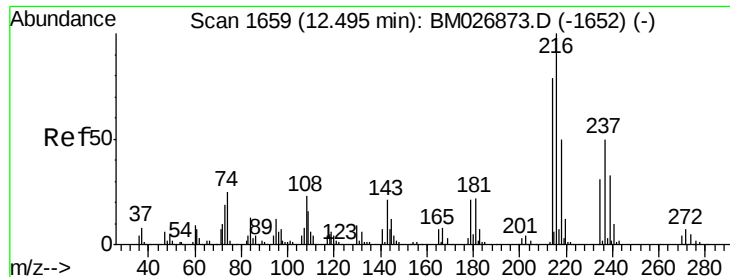


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

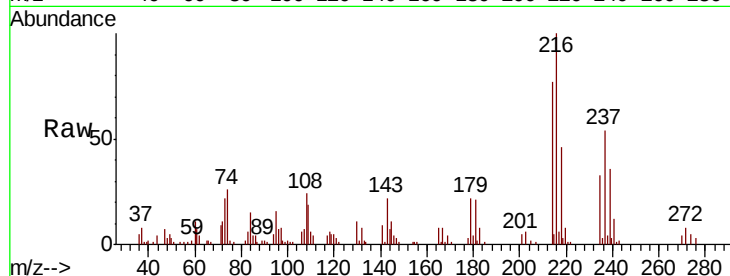




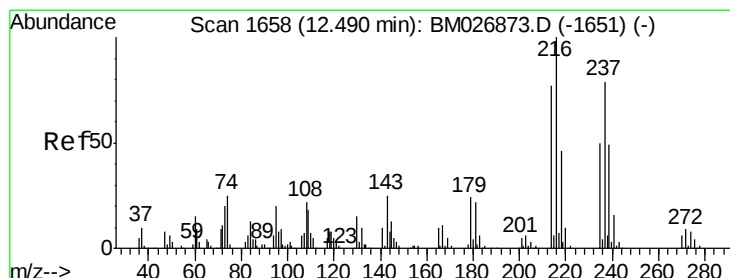
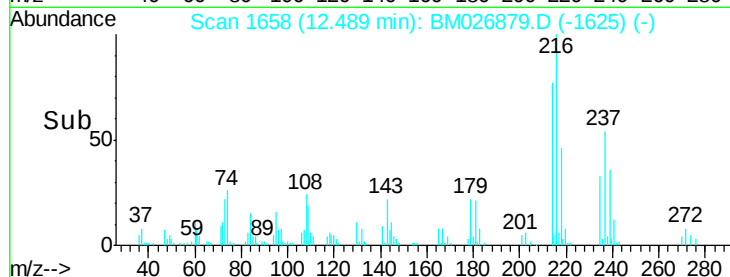
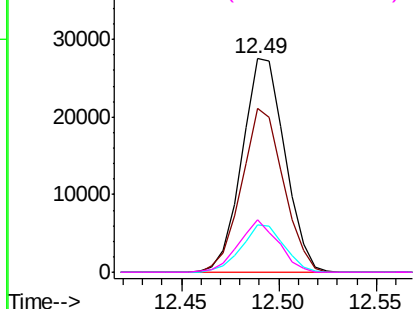
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.586 ng/ul
 RT: 12.49 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-03

Tot Ion:216	Resp:	42007
Ion Ratio	Lower	Upper
216	100	
214	76.6	64.2 96.4
179	22.0	16.2 24.4
108	24.3	16.7 25.1

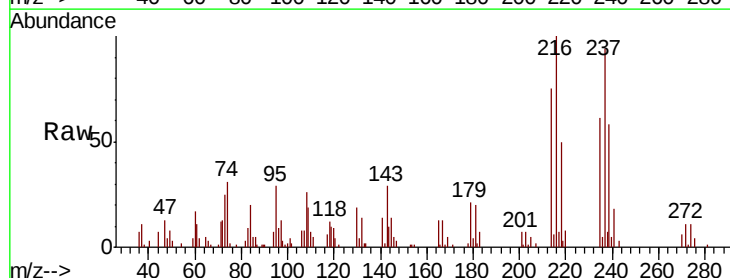


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

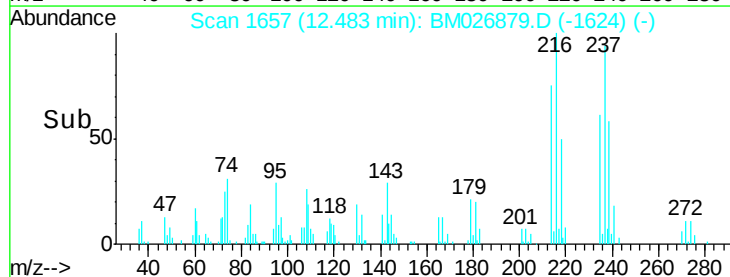
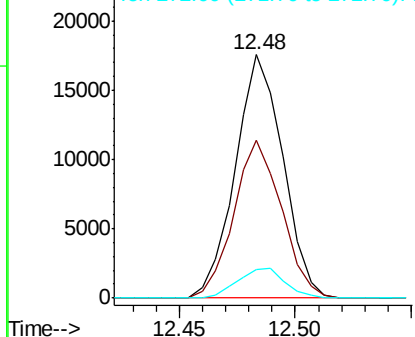


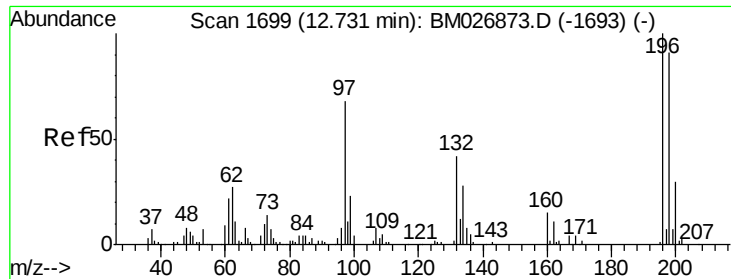
#38
 Hexachlorocyclopentadiene
 Concen: 6.730 ng/ul
 RT: 12.48 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Tgt Ion:237	Resp:	25268
Ion Ratio	Lower	Upper
237	100	
235	64.8	49.8 74.8
272	12.8	10.1 15.1



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

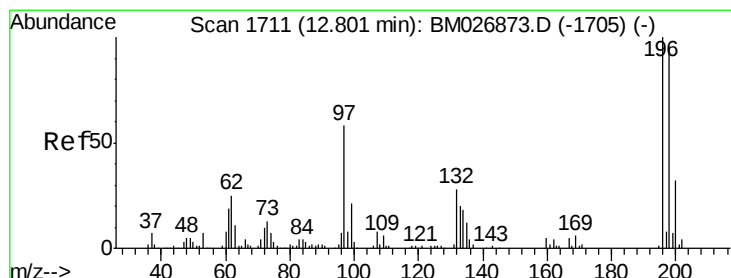
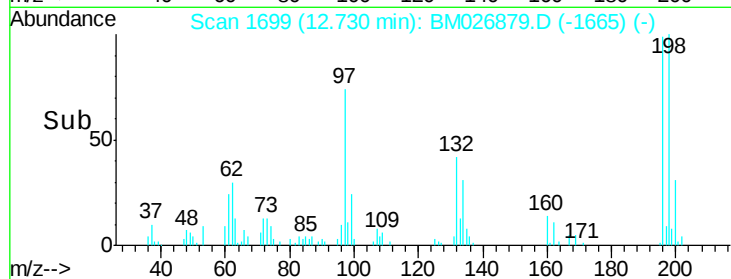
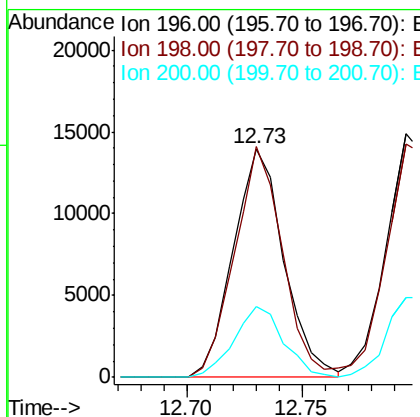
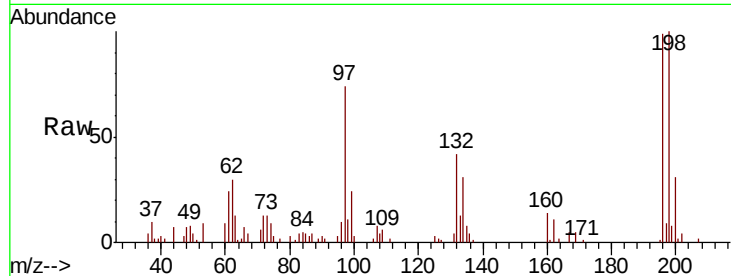




#39
 2,4,6-Trichlorophenol
 Concen: 6.739 ng/ul
 RT: 12.73 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

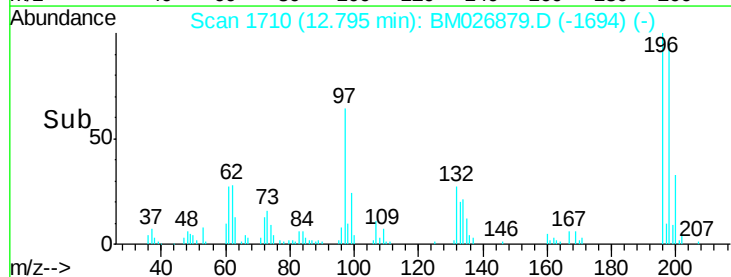
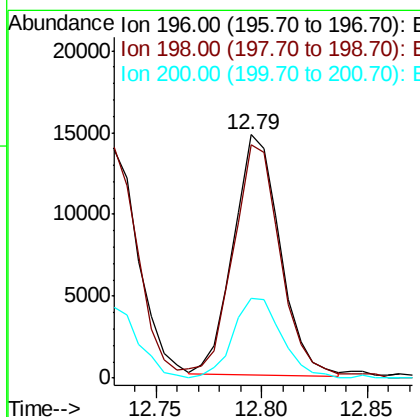
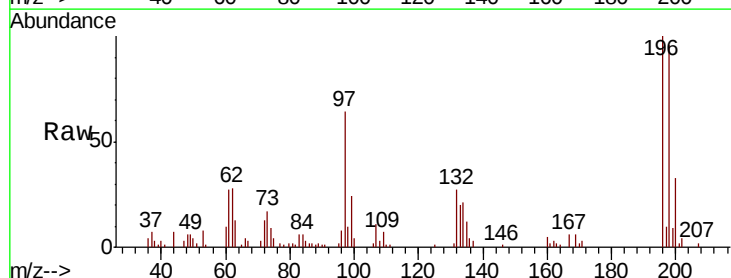
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-03

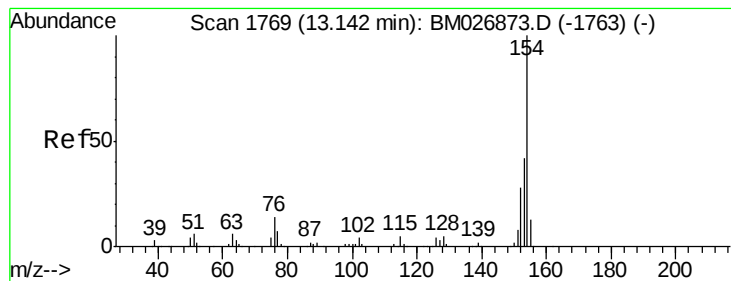
Tot Ion:196 Resp: 21383
 Ion Ratio Lower Upper
 196 100
 198 101.0 79.0 118.6
 200 32.9 23.3 34.9



#40
 2,4,5-Trichlorophenol
 Concen: 6.673 ng/ul
 RT: 12.79 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Tgt Ion:196 Resp: 22625
 Ion Ratio Lower Upper
 196 100
 198 95.6 79.0 118.6
 200 33.0 25.4 38.2





#41

1,1'-Biphenyl

Concen: 7.398 ng/ul

RT: 13.14 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

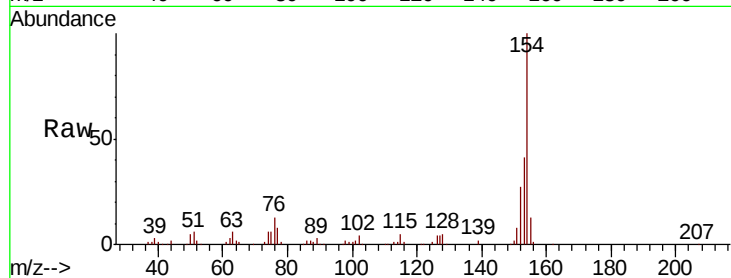
Tot Ion:154 Resp: 100152

Ion Ratio Lower Upper

154 100

153 40.6 31.4 47.2

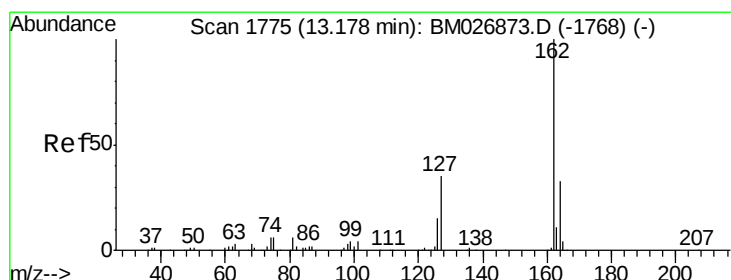
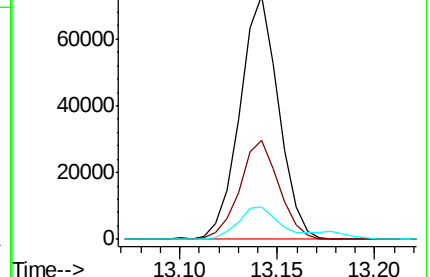
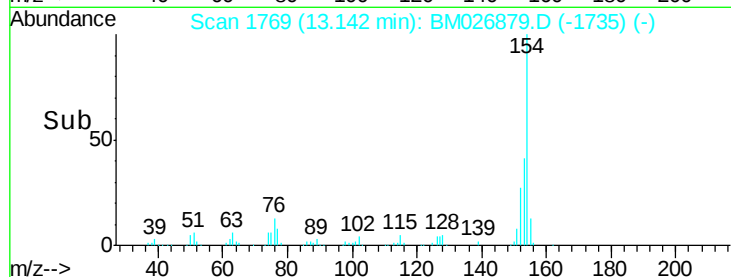
76 13.1 10.8 16.2



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: 7.575 ng/ul

RT: 13.18 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

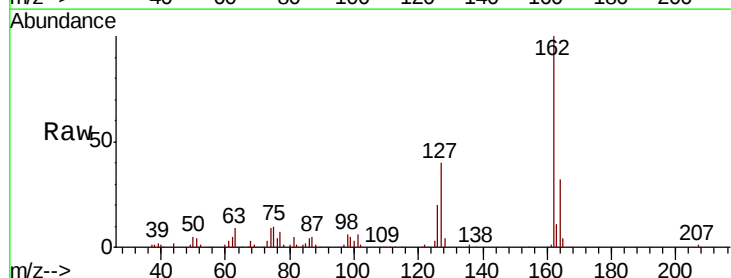
Tgt Ion:162 Resp: 82512

Ion Ratio Lower Upper

162 100

164 32.4 26.4 39.6

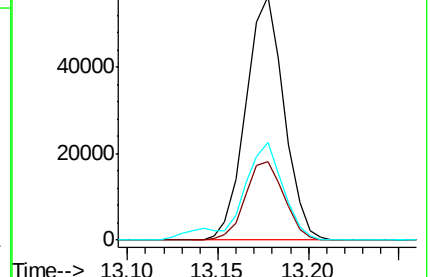
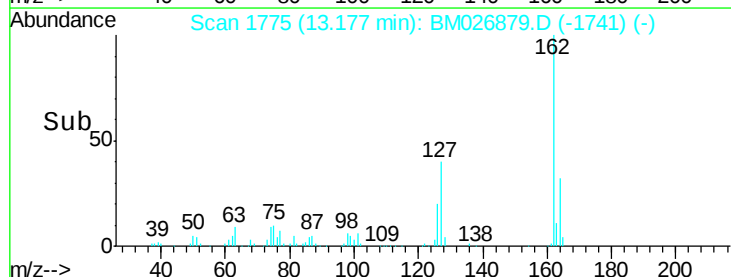
127 40.2 30.6 45.8

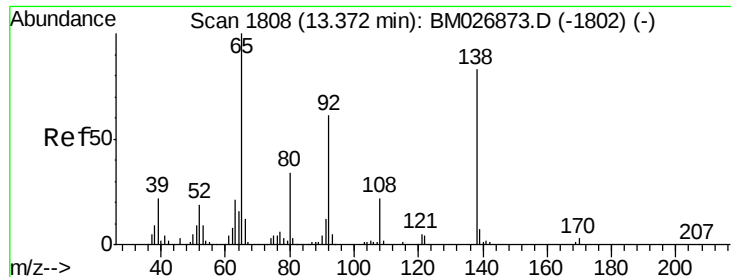


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

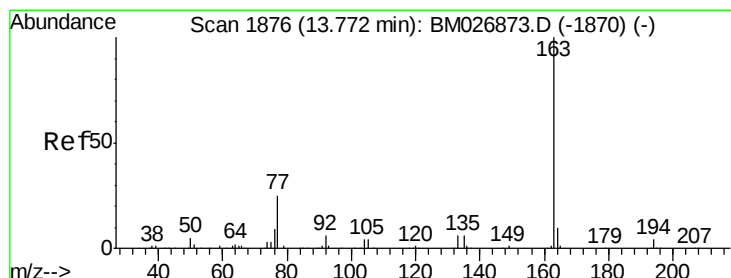
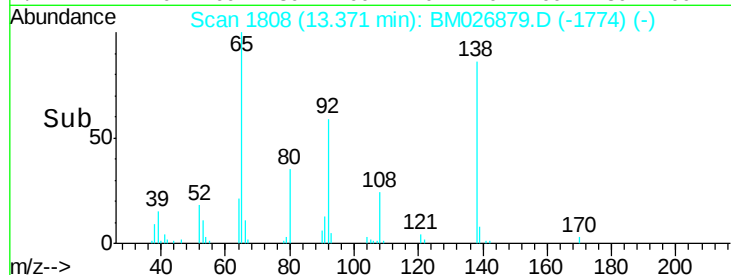
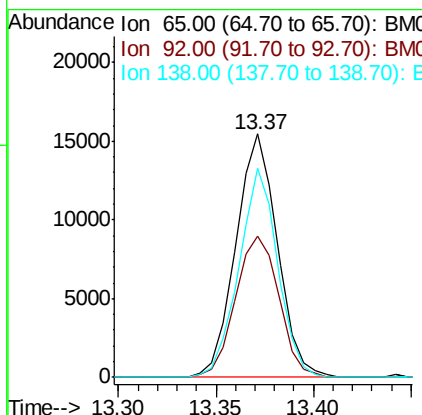
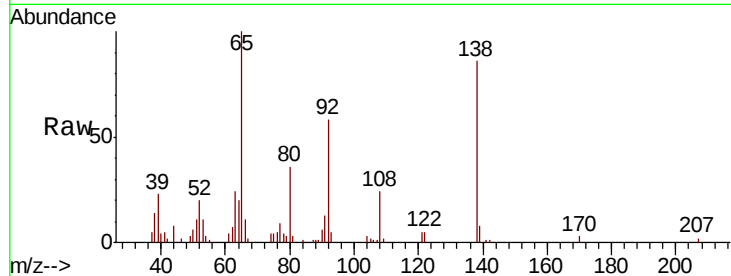




#43
2-Nitroaniline
Concen: 7.020 ng/ul
RT: 13.37 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

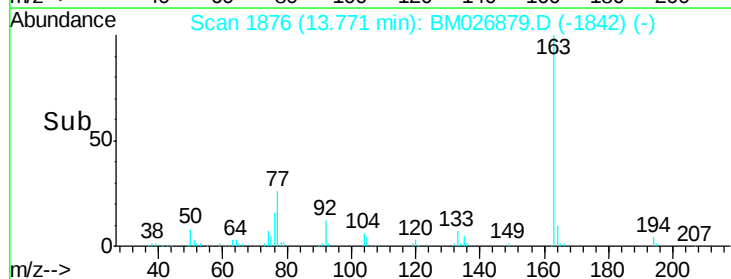
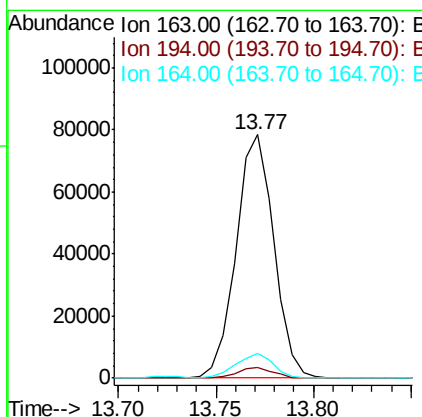
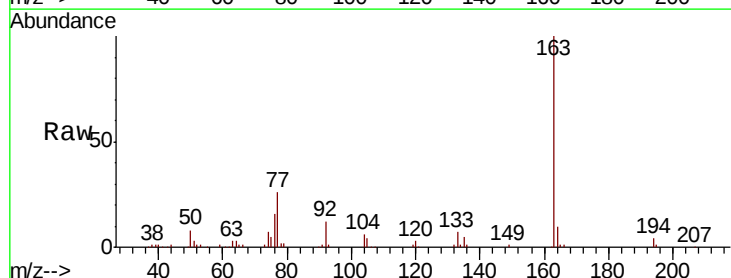
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-03

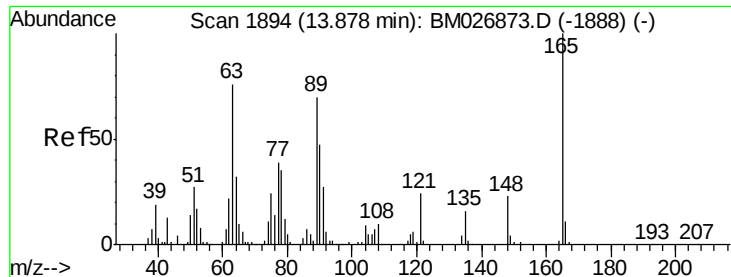
Tot Ion: 65 Resp: 22741
Ion Ratio Lower Upper
65 100
92 58.0 51.0 76.6
138 85.7 67.3 100.9



#45
Dimethylphthalate
Concen: 7.867 ng/ul
RT: 13.77 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Tgt Ion: 163 Resp: 104878
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.1 8.6 12.8

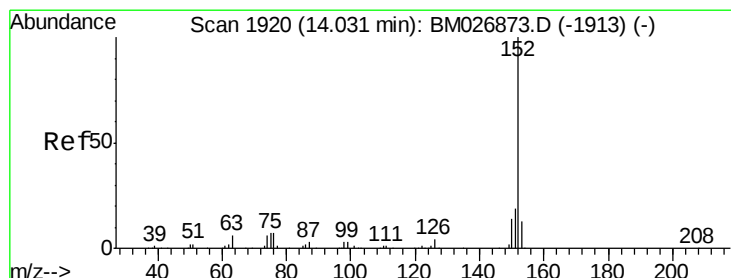
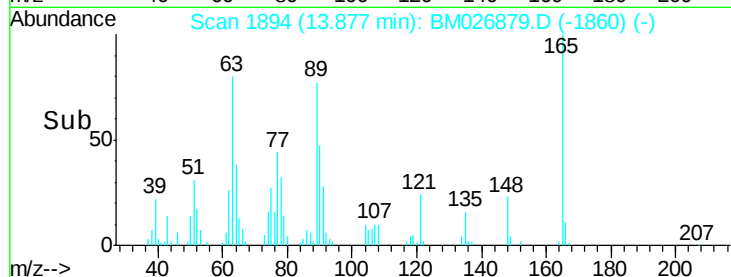
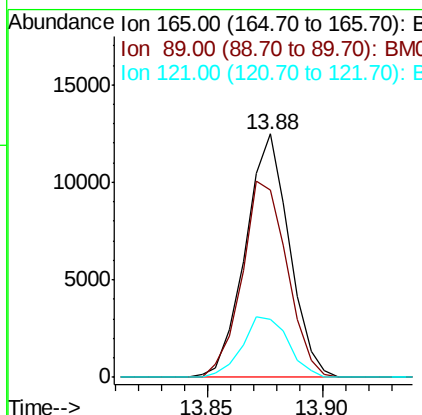
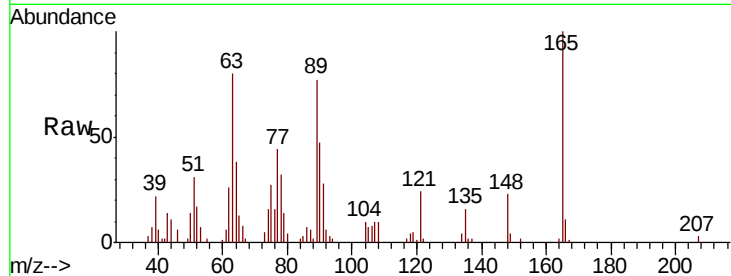




#46
2,6-Dinitrotoluene
Concen: 7.008 ng/ul
RT: 13.88 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

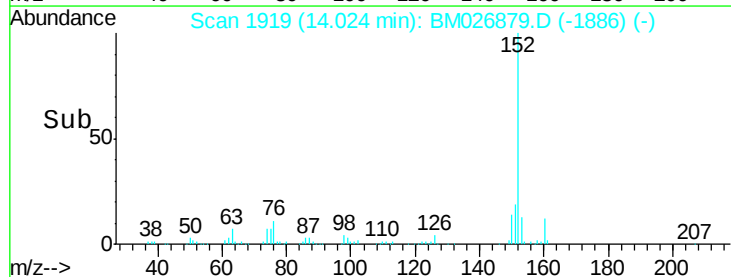
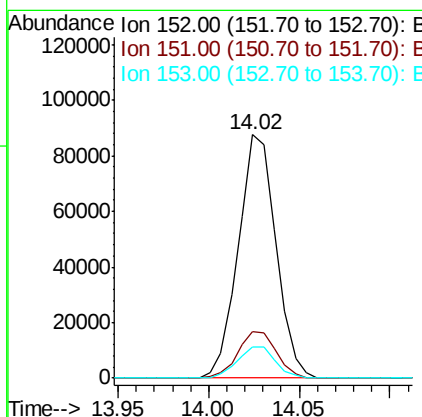
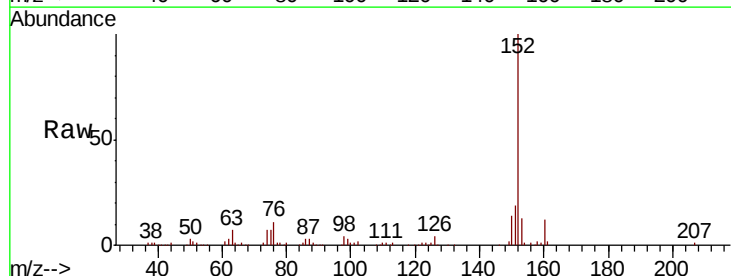
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-03

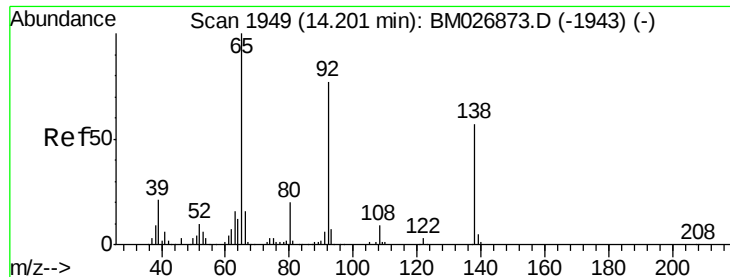
Tot Ion:165 Resp: 16472
Ion Ratio Lower Upper
165 100
89 76.7 55.0 82.4
121 23.9 19.0 28.6



#48
Acenaphthylene
Concen: 7.705 ng/ul
RT: 14.02 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Tgt Ion:152 Resp: 126557
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.6
153 12.7 10.7 16.1





#49

3-Nitroaniline

Concen: 5.992 ng/ul

RT: 14.20 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

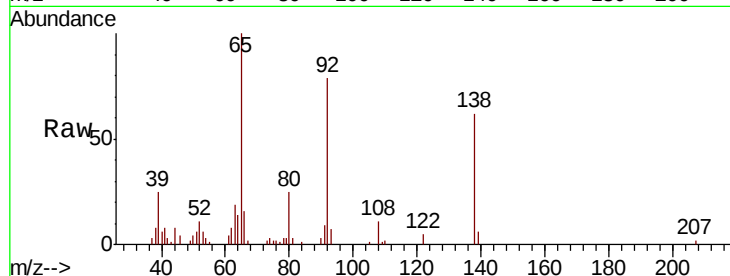
Tot Ion:138 Resp: 13766

Ion Ratio Lower Upper

138 100

108 17.0 11.4 17.2

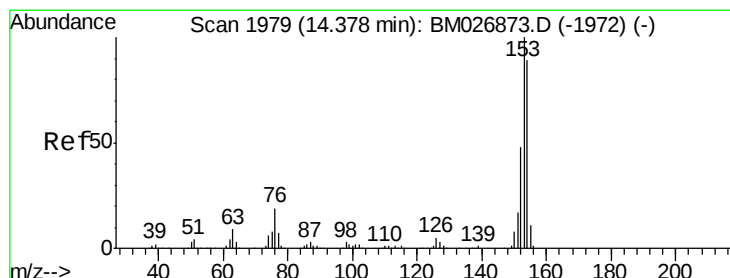
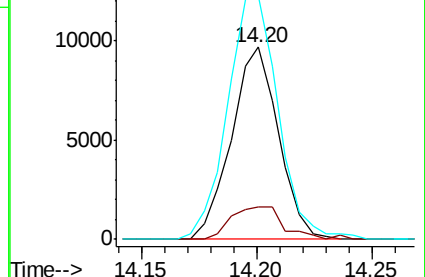
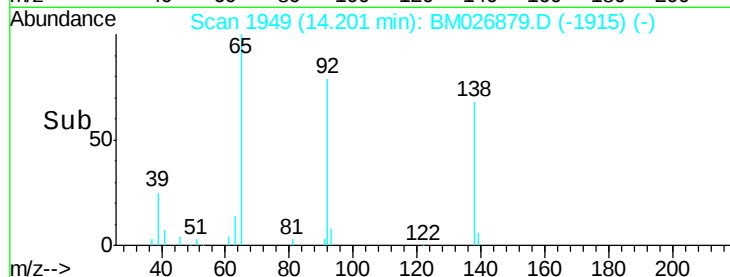
92 126.6 108.7 163.1



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: 7.819 ng/ul

RT: 14.37 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

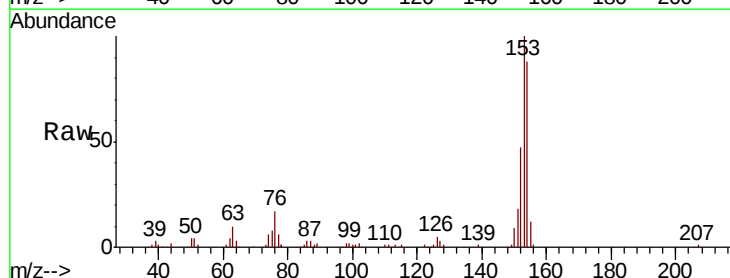
Tgt Ion:153 Resp: 88478

Ion Ratio Lower Upper

153 100

152 47.1 37.8 56.6

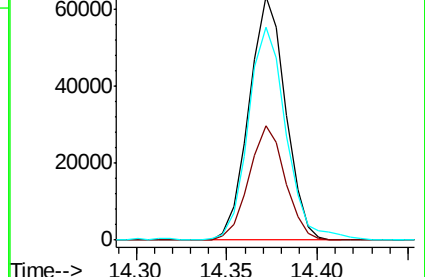
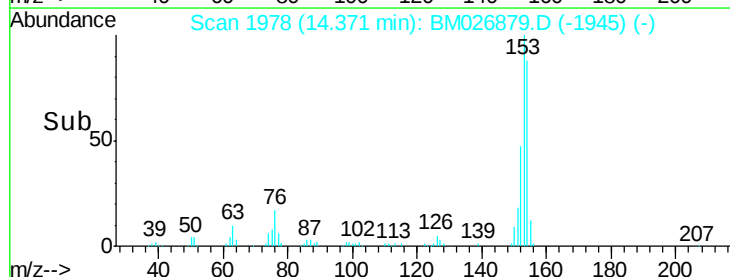
154 87.6 70.5 105.7

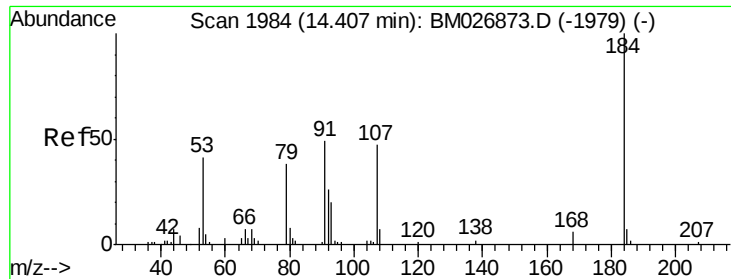


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

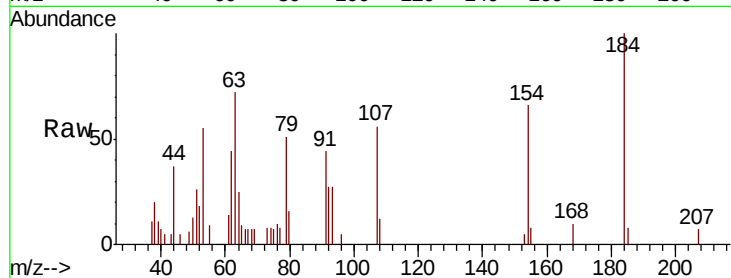




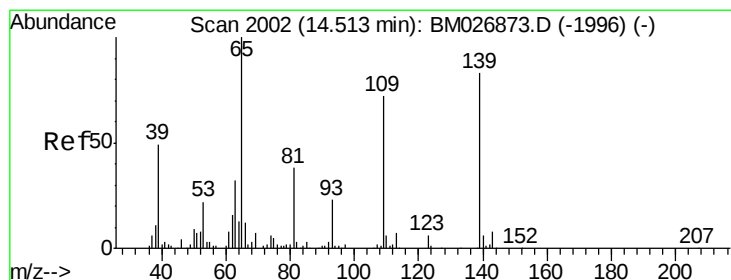
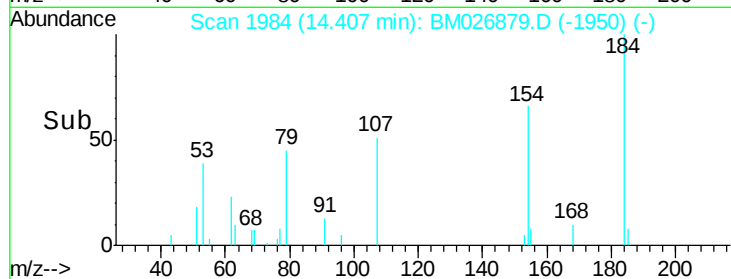
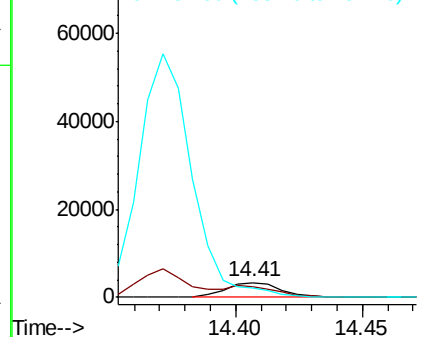
#51
 2,4-Dinitrophenol
 Concen: 5.254 ng/ul
 RT: 14.41 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-03

Tot Ion:184 Resp: 4945
 Ion Ratio Lower Upper
 184 100
 63 71.8 57.8 86.8
 154 66.4 55.0 82.4

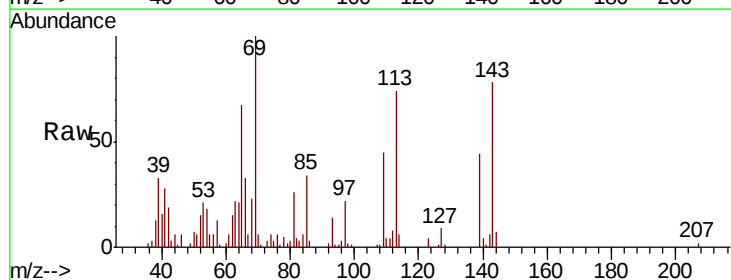


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 154.00 (153.70 to 154.70): E

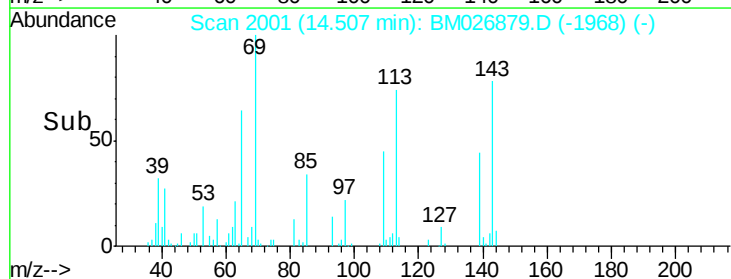
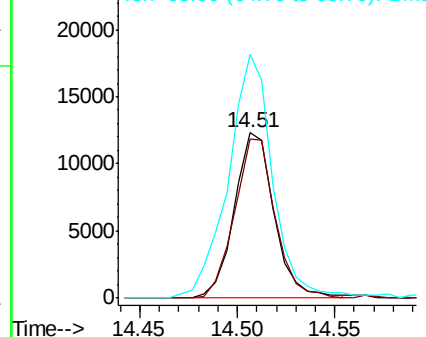


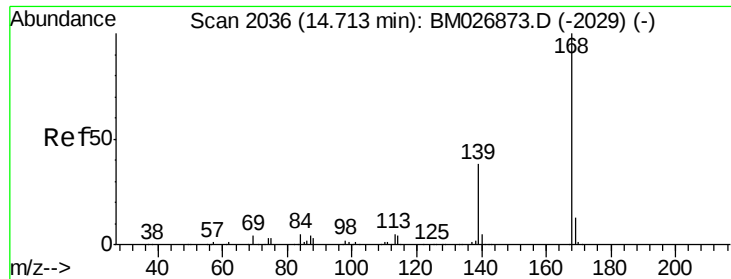
#53
 4-Nitrophenol
 Concen: 8.112 ng/ul
 RT: 14.51 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Tgt Ion:109 Resp: 17461
 Ion Ratio Lower Upper
 109 100
 139 96.6 92.3 138.5
 65 147.2 116.6 174.8



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





#54

Dibenzo(f,h)quinoxaline

Concen: 7.974 ng/ul

RT: 14.71 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

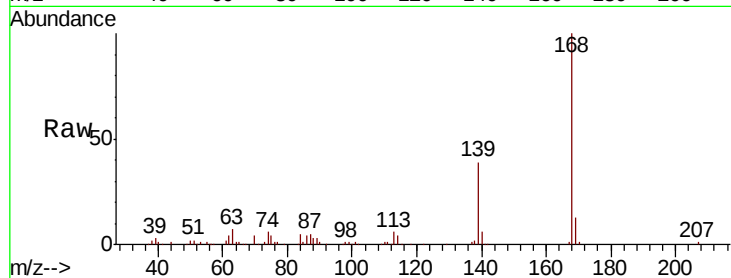
MDL-ME-SOIL-03

Tot Ion:168 Resp: 125080

Ion Ratio Lower Upper

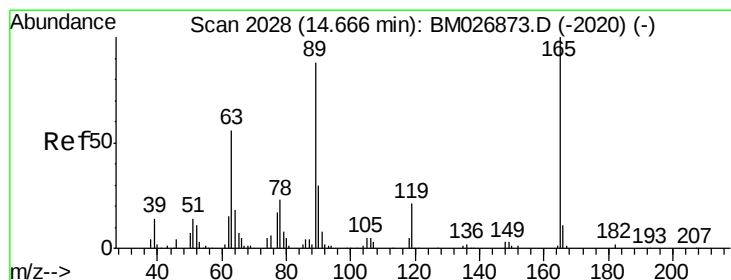
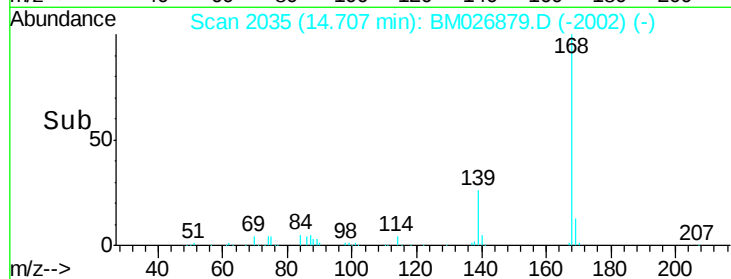
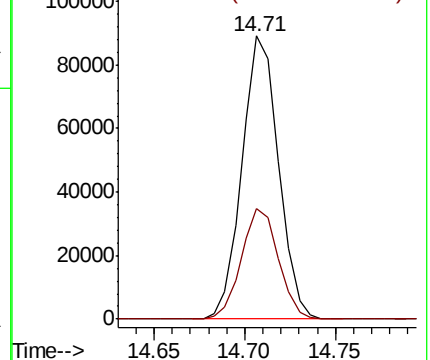
168 100

139 39.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 7.466 ng/ul

RT: 14.67 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

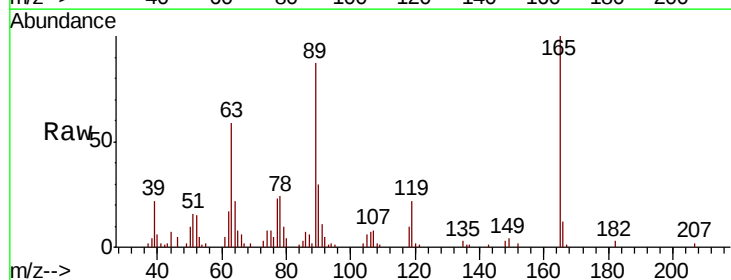
Tgt Ion:165 Resp: 25211

Ion Ratio Lower Upper

165 100

63 58.7 46.2 69.4

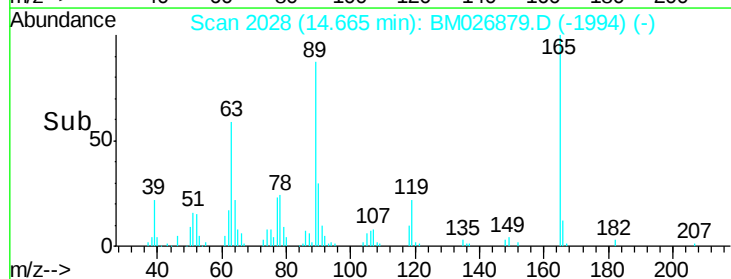
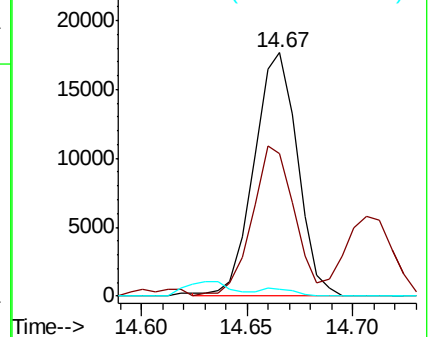
182 3.0 2.4 3.6

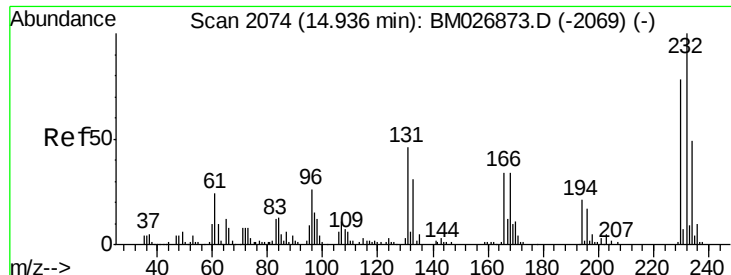


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

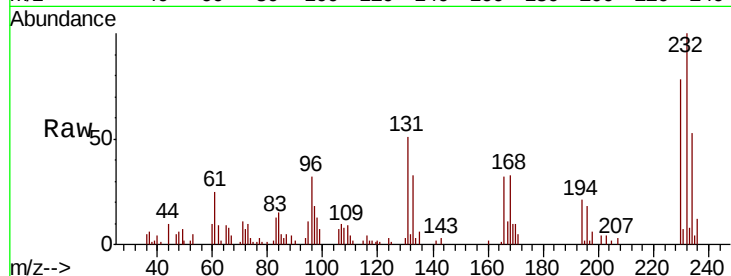




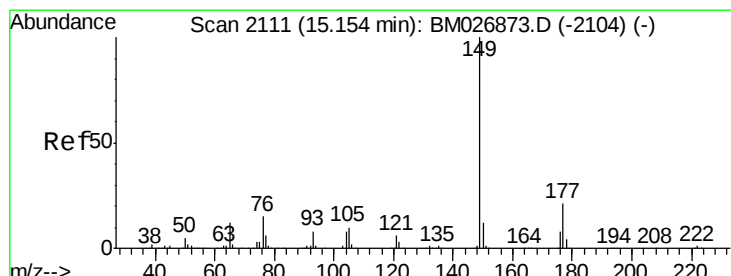
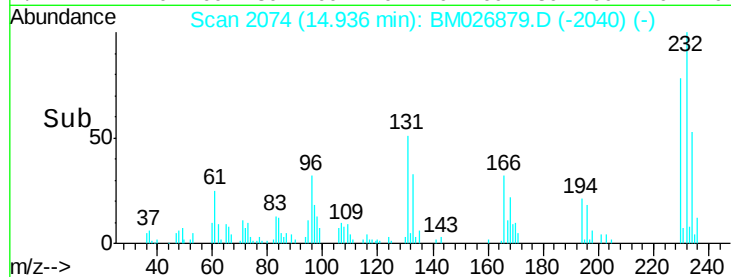
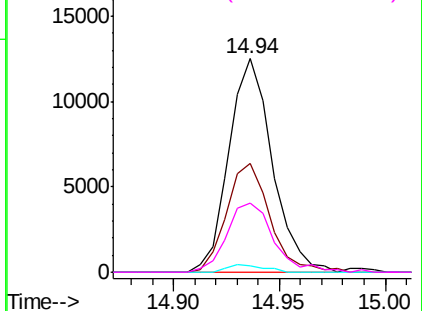
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 6.699 ng/ul
 RT: 14.94 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-03

Tot Ion:	232	Resp:	17819
Ion	Ratio	Lower	Upper
232	100		
131	51.1	39.4	59.2
130	3.0	2.6	4.0
166	32.2	26.7	40.1

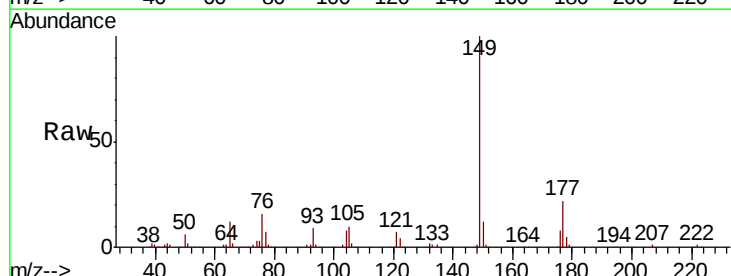


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

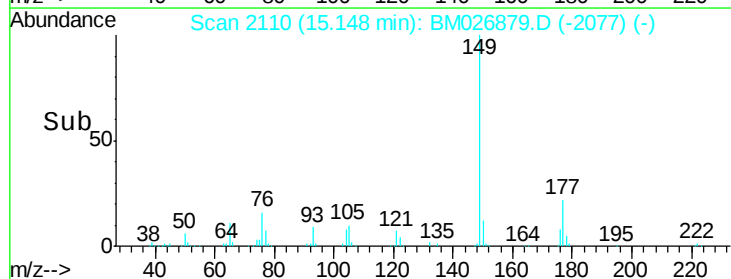
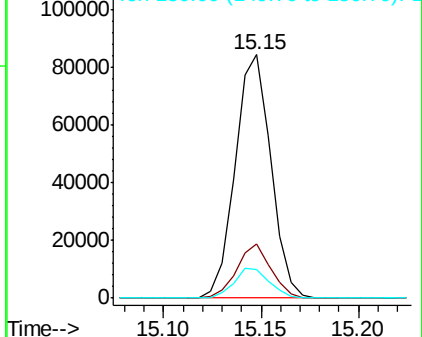


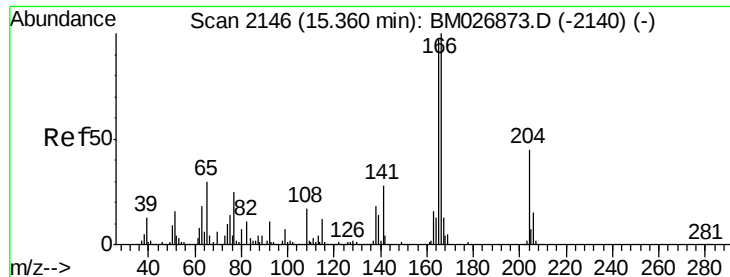
#57
 Diethylphthalate
 Concen: 7.999 ng/ul
 RT: 15.15 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Tgt Ion:	149	Resp:	106937
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.4
150	11.6	9.2	13.8



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: 7.807 ng/ul

RT: 15.36 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

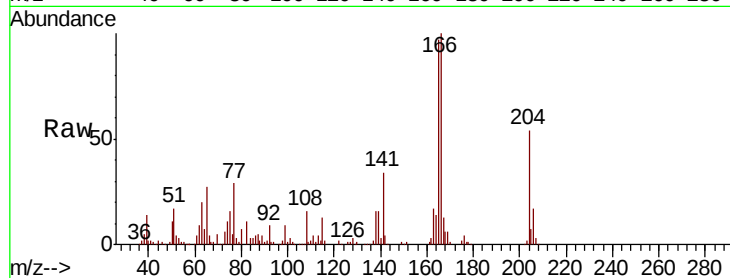
Tot Ion:166 Resp: 103120

Ion Ratio Lower Upper

166 100

165 97.4 78.2 117.2

167 12.6 10.3 15.5

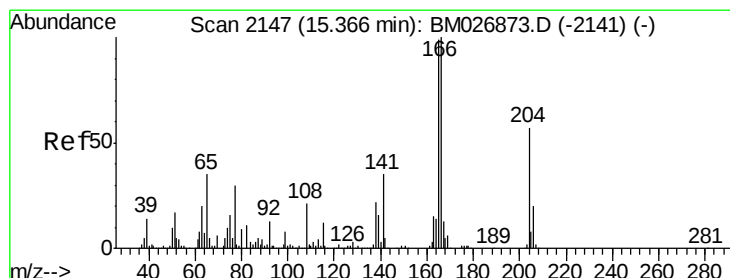
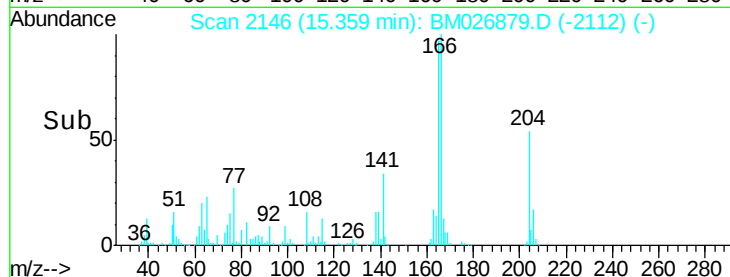
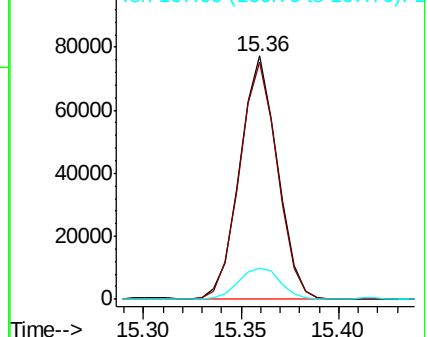


Abundance

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: 7.914 ng/ul

RT: 15.36 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

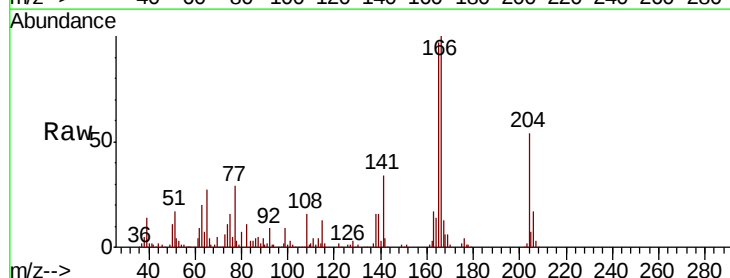
Tgt Ion:204 Resp: 52027

Ion Ratio Lower Upper

204 100

206 32.0 26.0 39.0

141 63.9 48.3 72.5

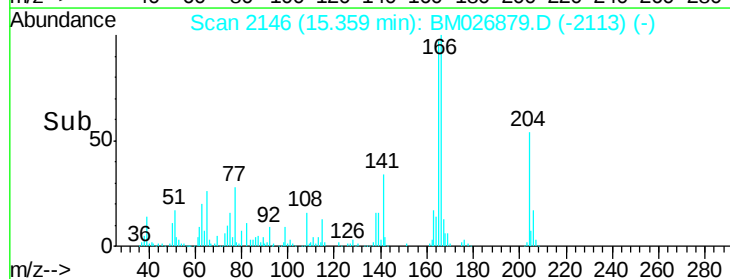
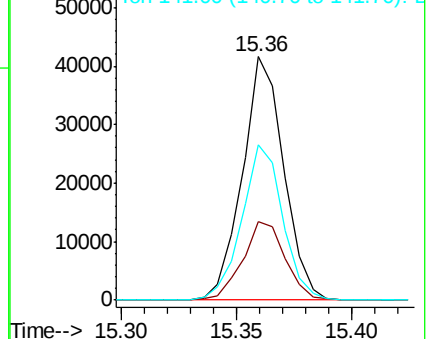


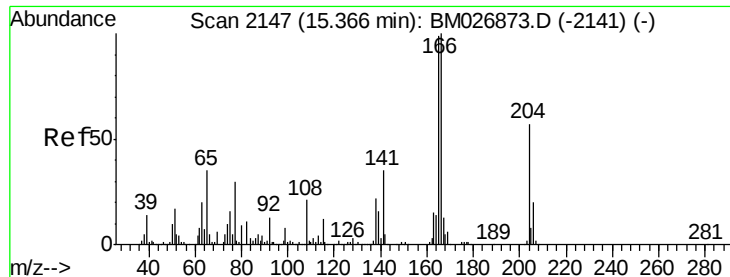
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

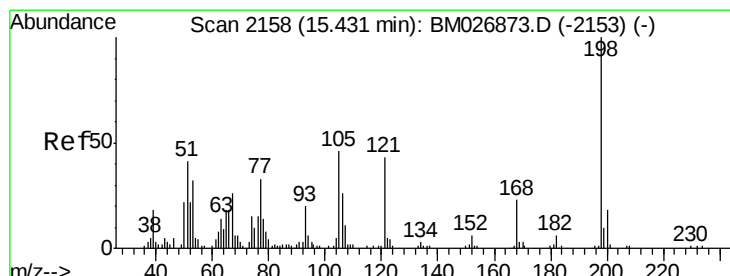
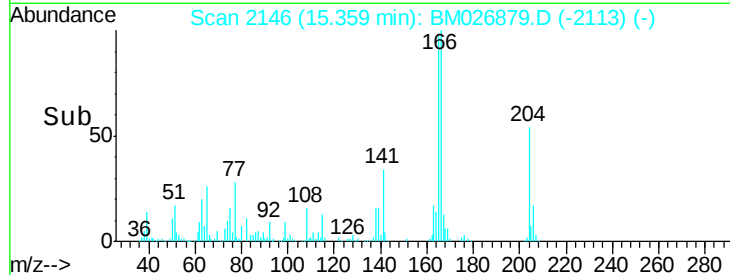
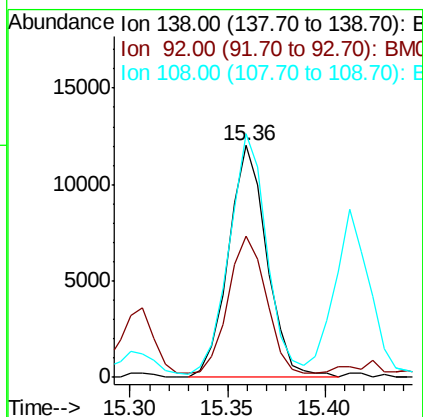
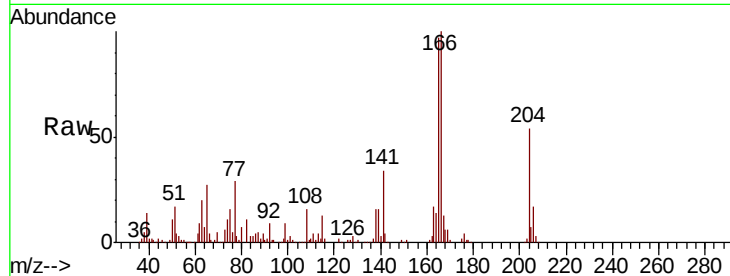




#61
4-Nitroaniline
Concen: 5.823 ng/ul
RT: 15.36 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

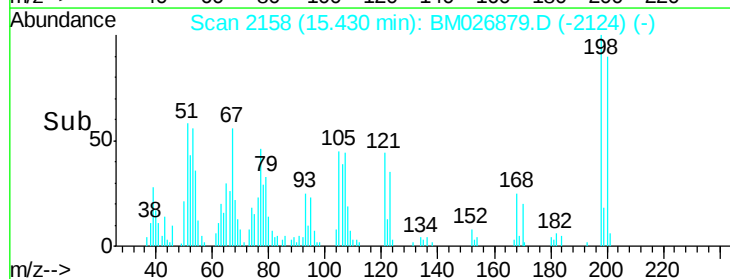
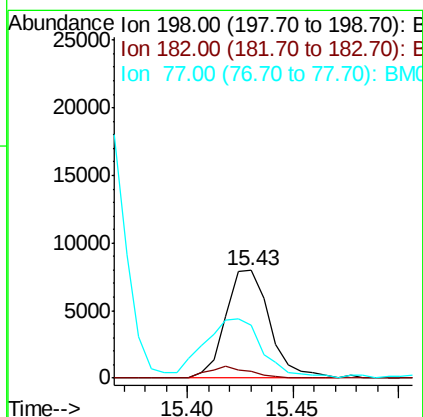
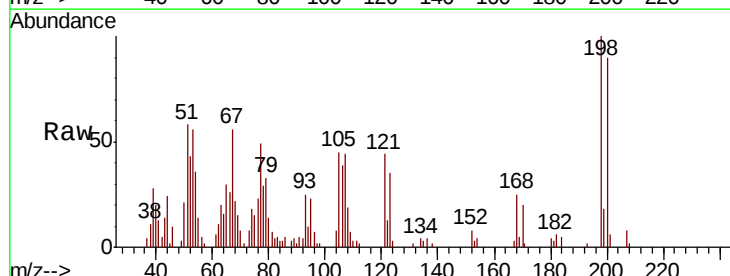
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-03

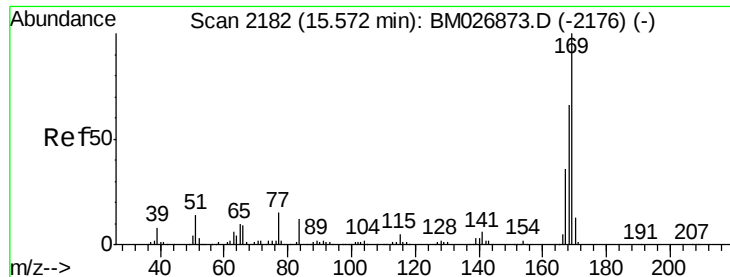
Tot Ion:138 Resp: 16398
Ion Ratio Lower Upper
138 100
92 60.8 49.9 74.9
108 105.0 78.9 118.3



#64
4,6-Dinitro-2-methylphenol
Concen: 6.500 ng/ul
RT: 15.43 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Tgt Ion:198 Resp: 11556
Ion Ratio Lower Upper
198 100
182 6.4 4.2 6.4#
77 48.7 29.3 43.9#

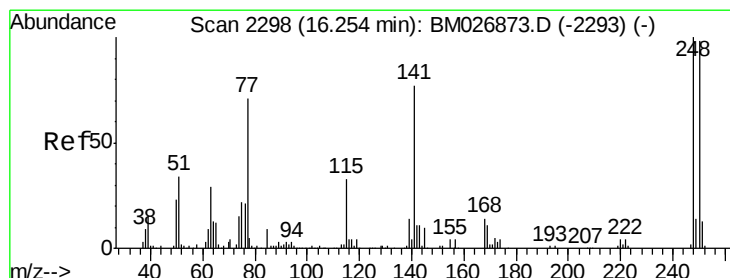
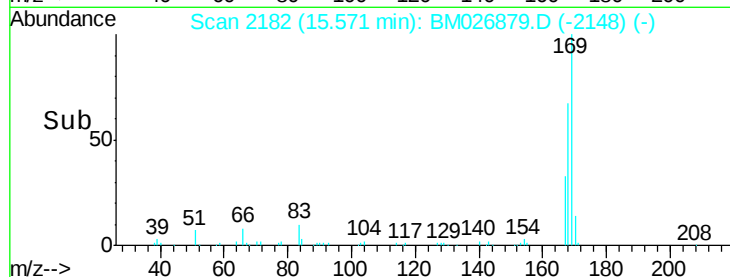
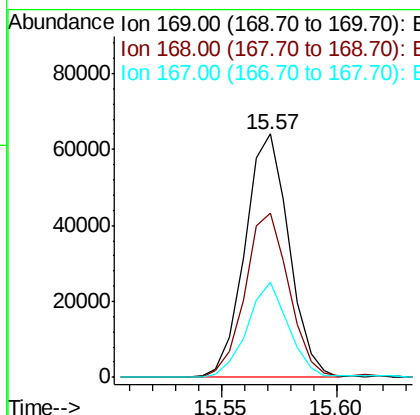
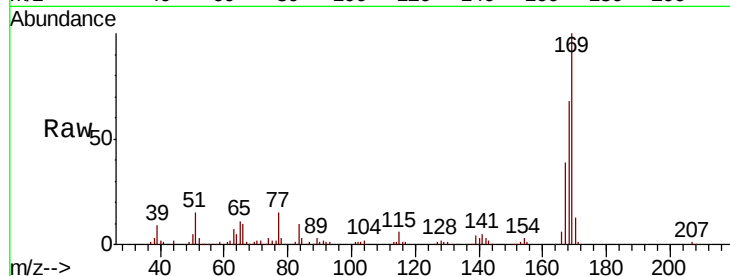




#65
N-Nitrosodiphenylamine
Concen: 7.405 ng/ul
RT: 15.57 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

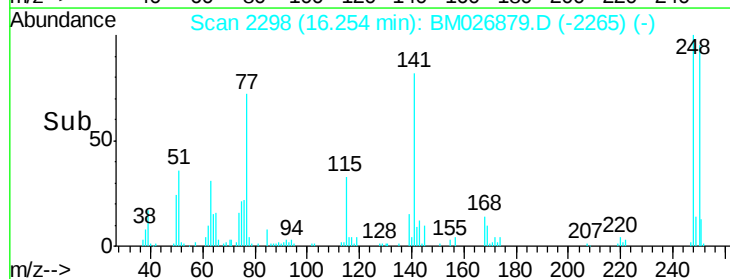
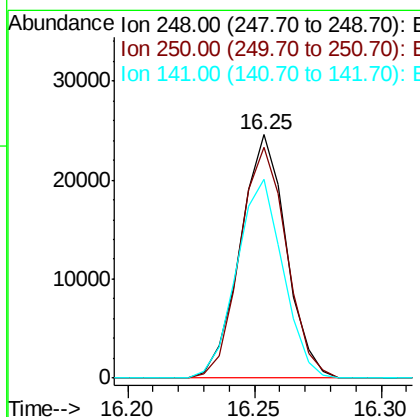
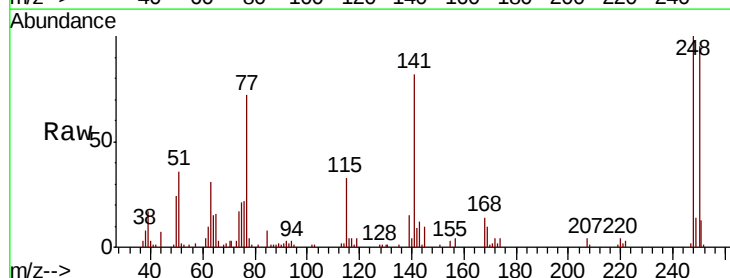
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-03

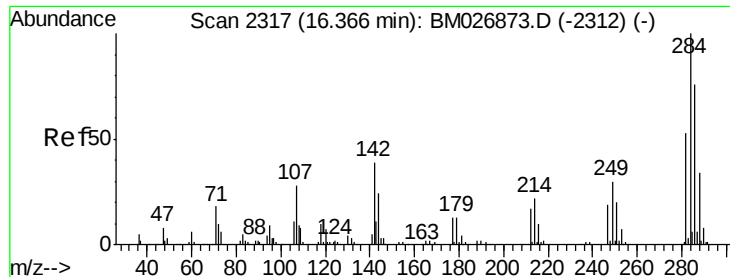
Tot Ion:169 Resp: 85023
Ion Ratio Lower Upper
169 100
168 67.7 54.6 82.0
167 39.3 29.1 43.7



#66
4-Bromophenyl-phenylether
Concen: 7.500 ng/ul
RT: 16.25 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Tgt Ion:248 Resp: 30879
Ion Ratio Lower Upper
248 100
250 94.7 78.2 117.4
141 81.8 57.5 86.3

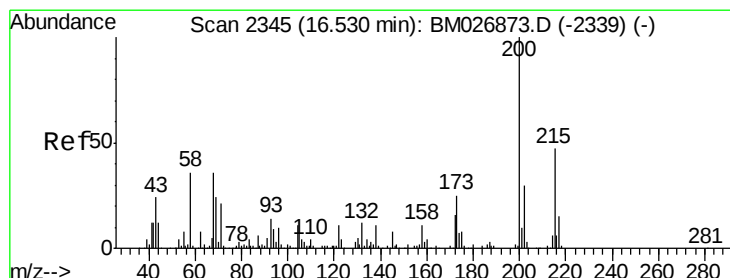
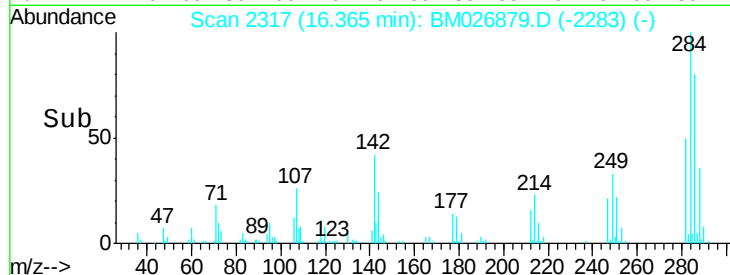
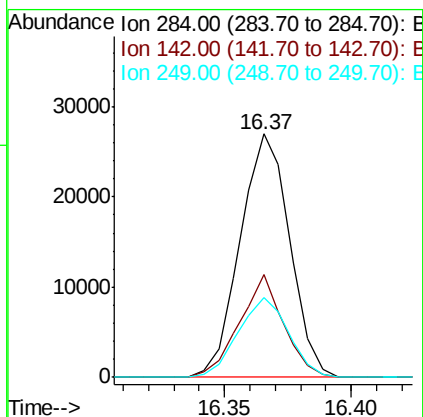
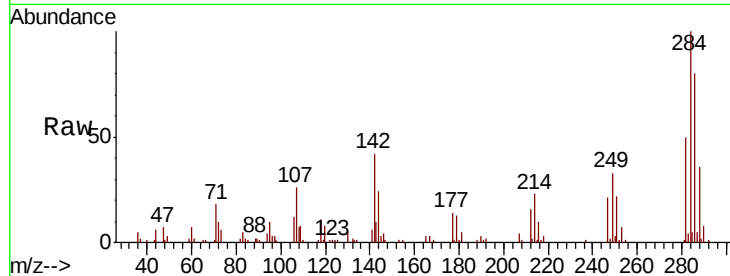




#67
Hexachlorobenzene
Concen: 7.872 ng/ul
RT: 16.37 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

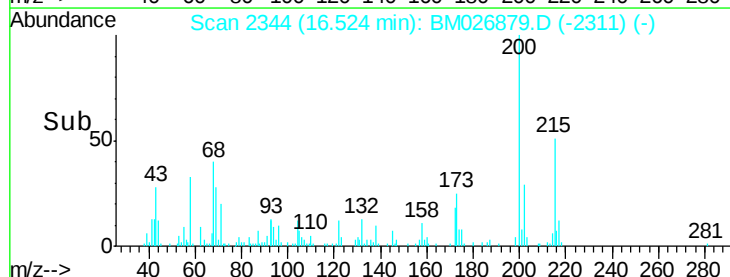
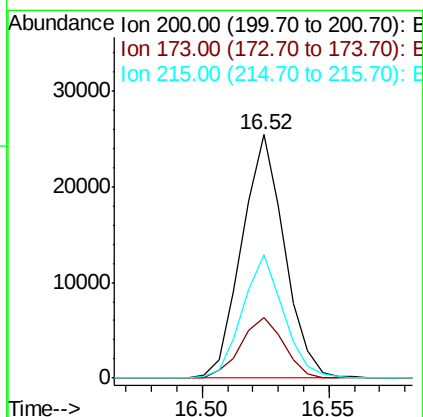
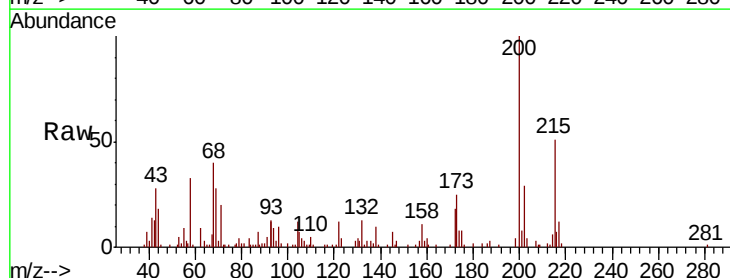
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-03

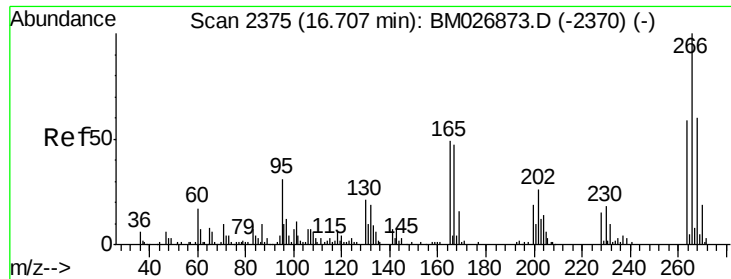
Tot Ion:284 Resp: 36755
Ion Ratio Lower Upper
284 100
142 42.4 31.7 47.5
249 32.8 25.7 38.5



#68
Atrazine
Concen: 7.102 ng/ul
RT: 16.52 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Tgt Ion:200 Resp: 29931
Ion Ratio Lower Upper
200 100
173 25.0 22.4 33.6
215 50.8 38.6 58.0

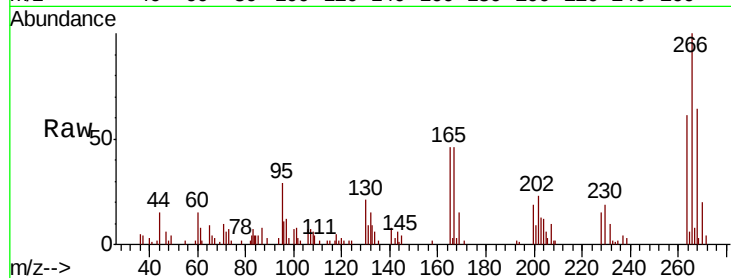




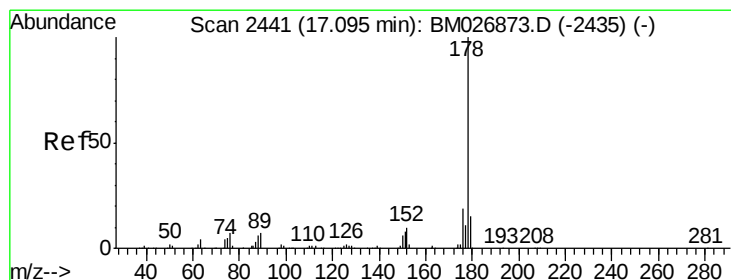
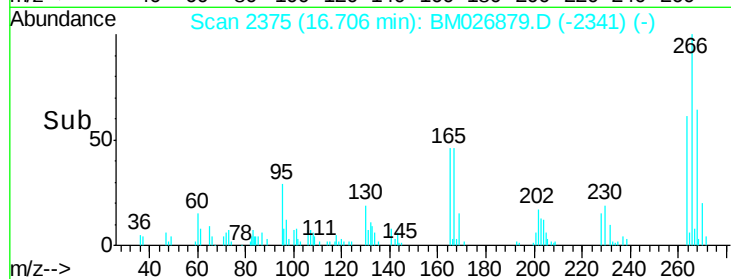
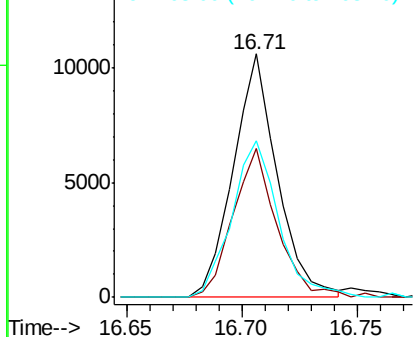
#69
 Pentachlorophenol
 Concen: 6.069 ng/ul
 RT: 16.71 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-03

Tot Ion:266 Resp: 14100
 Ion Ratio Lower Upper
 266 100
 264 61.1 49.3 73.9
 268 67.6 50.5 75.7

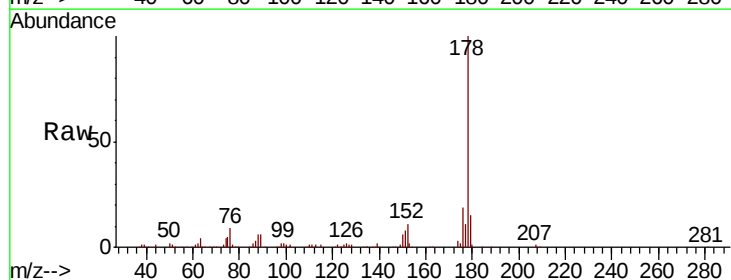


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

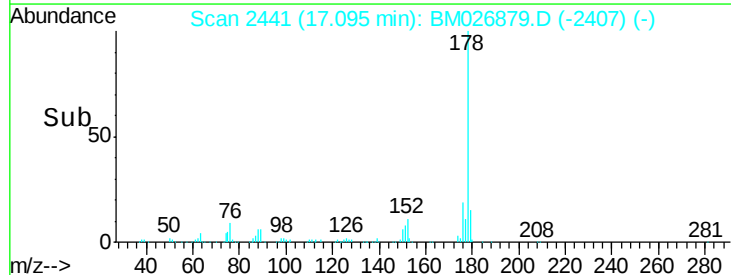
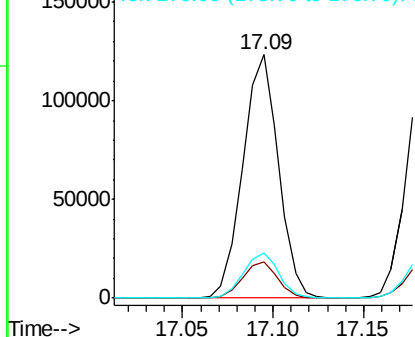


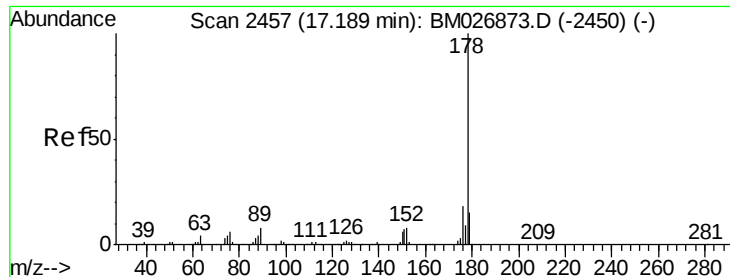
#70
 Phenanthrene
 Concen: 7.888 ng/ul
 RT: 17.09 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Tgt Ion:178 Resp: 168048
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.0 18.0
 176 18.7 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





#72

Anthracene

Concen: 7.770 ng/ul

RT: 17.18 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

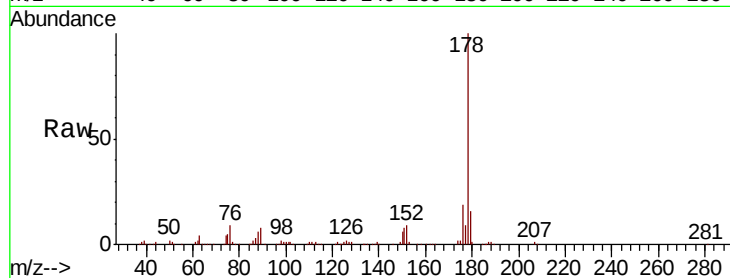
Tot Ion:178 Resp: 170141

Ion Ratio Lower Upper

178 100

179 16.0 11.8 17.6

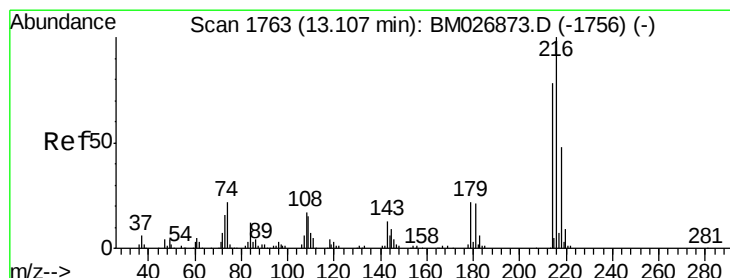
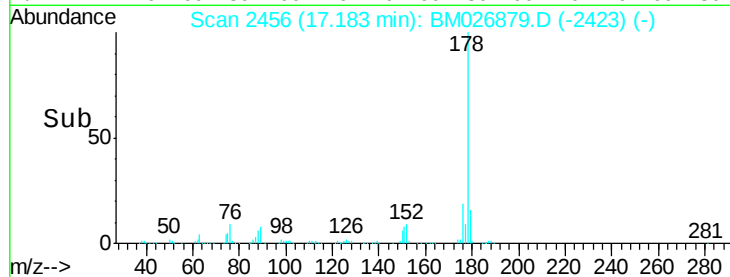
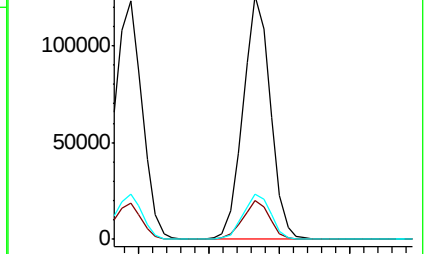
176 18.5 15.0 22.6



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: 7.127 ng/uL

RT: 13.10 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

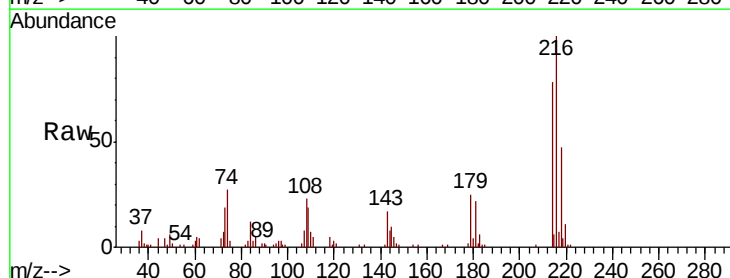
Tgt Ion:216 Resp: 39298

Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

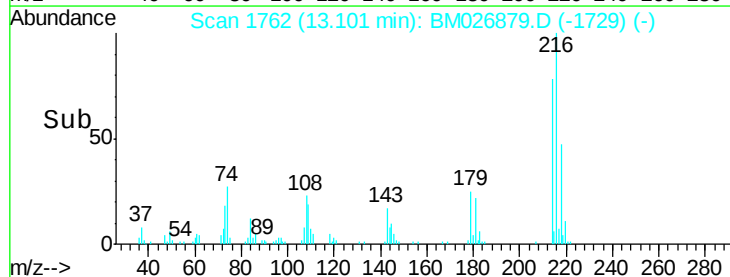
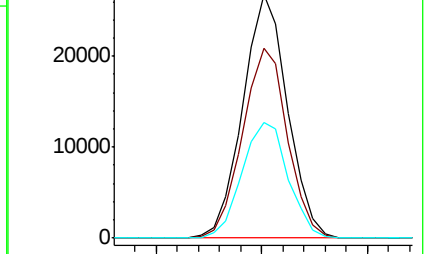
218 47.5 38.1 57.1

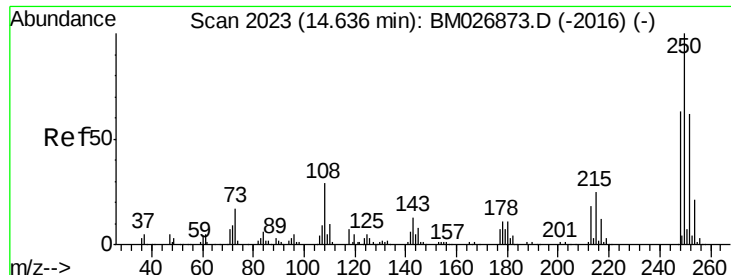


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 7.605 ng/uL

RT: 14.63 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

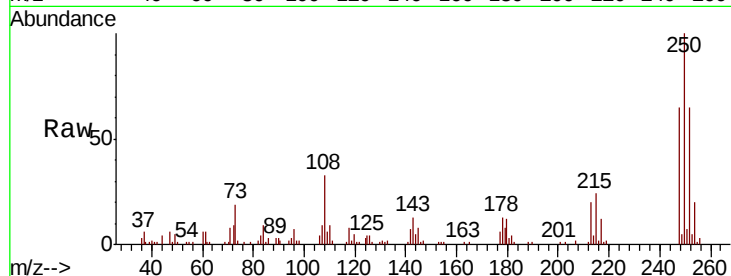
Tot Ion:250 Resp: 40658

Ion Ratio Lower Upper

250 100

248 64.5 49.6 74.4

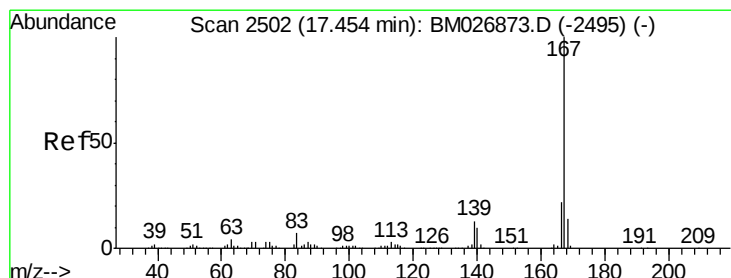
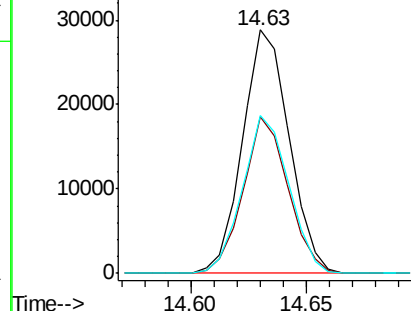
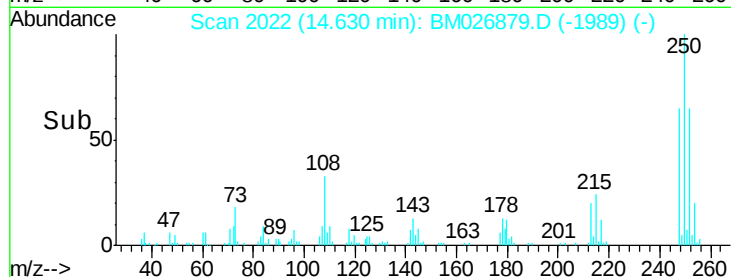
252 64.9 51.7 77.5



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: 7.451 ng/uL

RT: 17.45 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

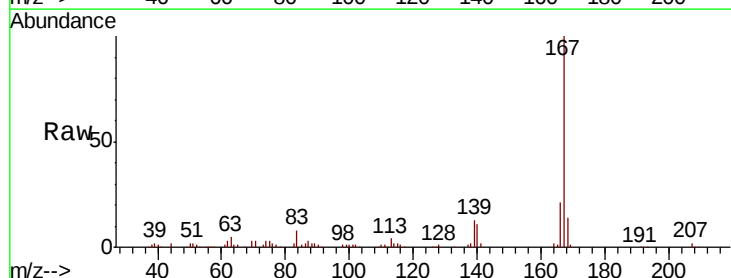
Tgt Ion:167 Resp: 144227

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

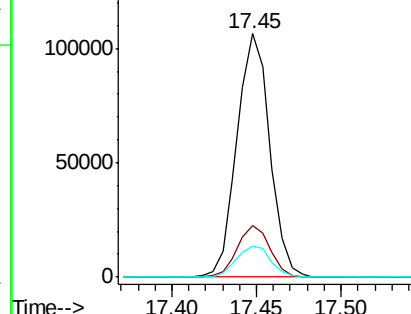
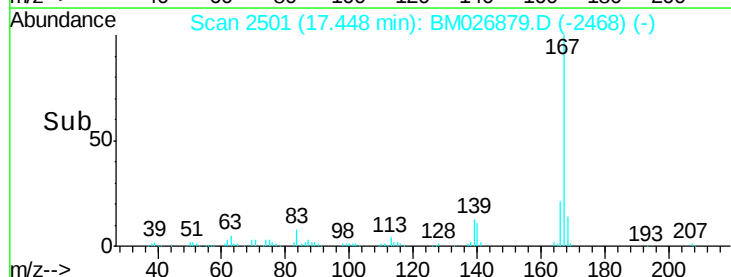
139 12.6 10.1 15.1

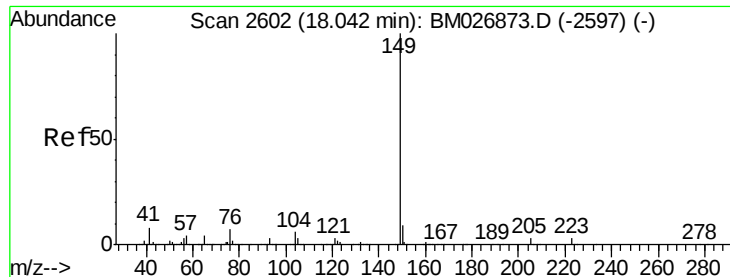


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

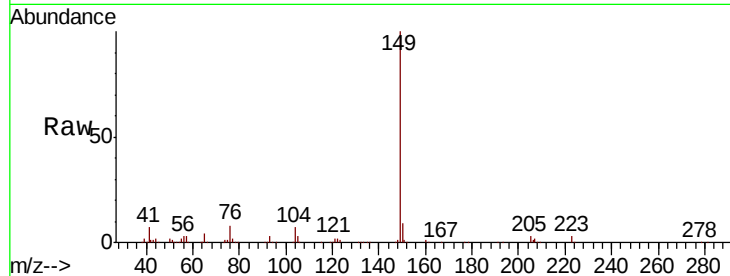




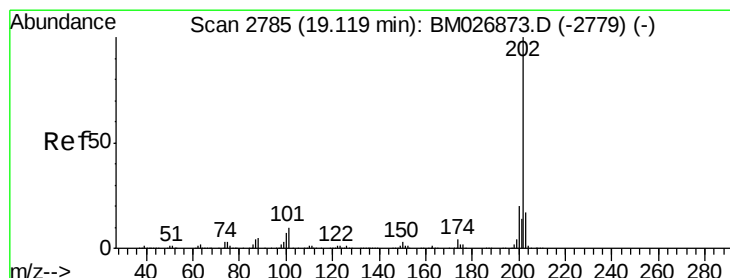
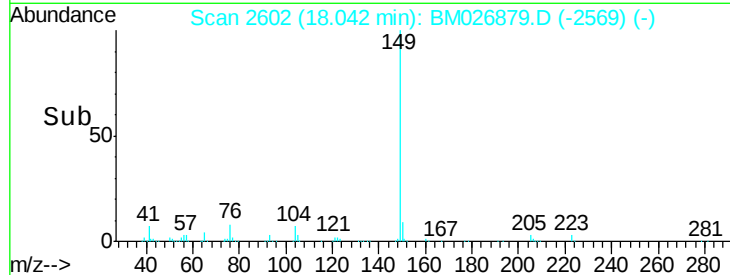
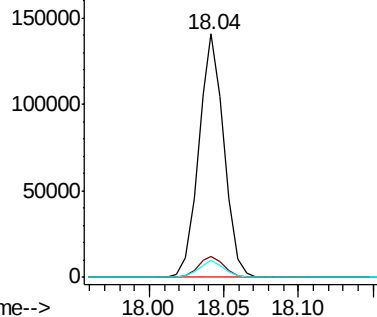
#76
Di-n-butylphthalate
Concen: 7.286 ng/ul
RT: 18.04 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-03

Tot Ion:149 Resp: 165902
Ion Ratio Lower Upper
149 100
150 8.8 7.6 11.4
104 6.8 4.7 7.1

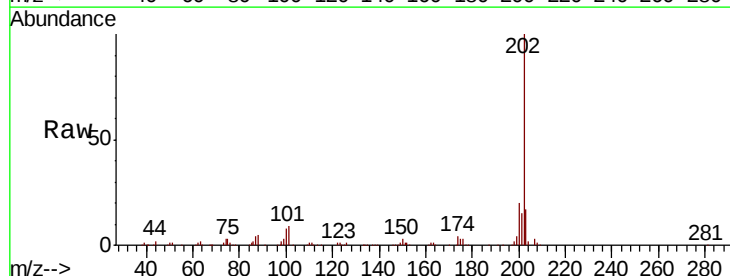


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

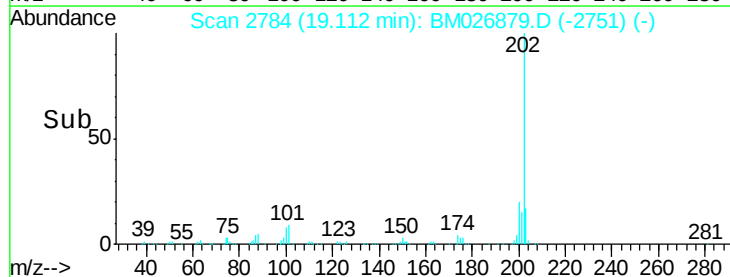
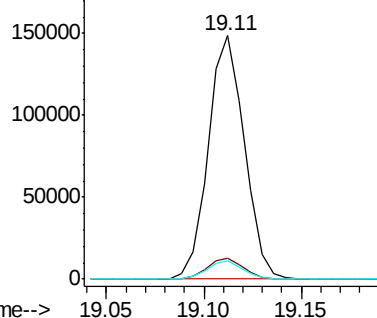


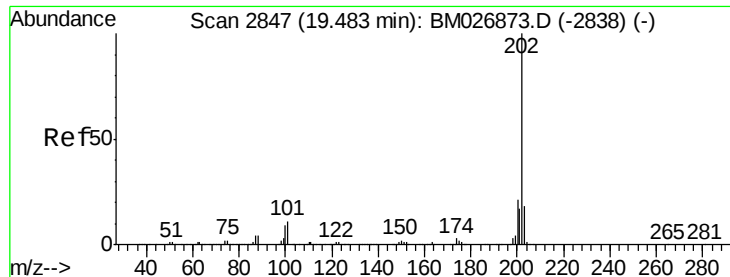
#77
Fluoranthene
Concen: 7.548 ng/ul
RT: 19.11 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Tgt Ion:202 Resp: 189853
Ion Ratio Lower Upper
202 100
101 8.8 7.7 11.5
100 7.7 6.2 9.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

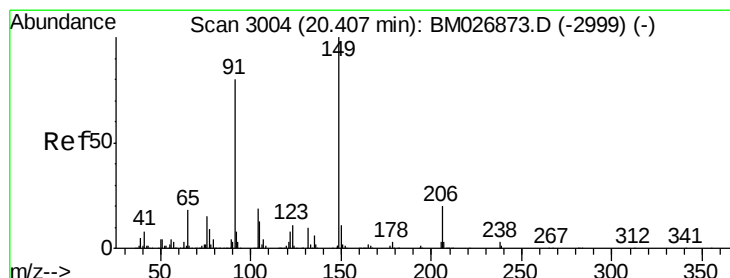
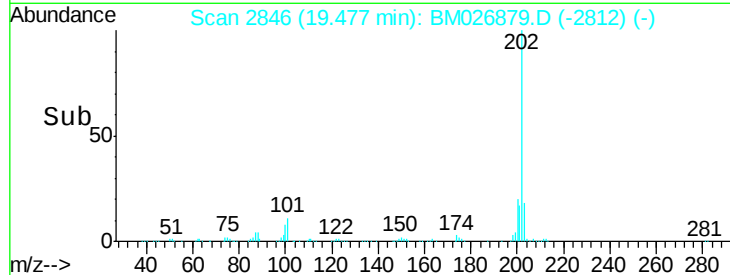
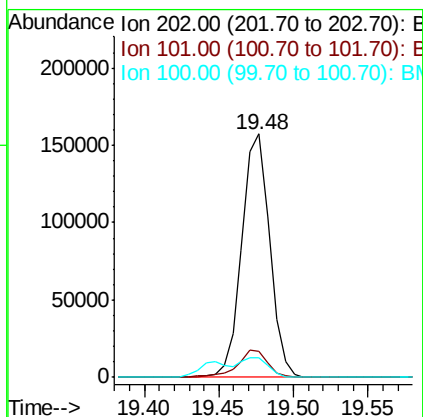
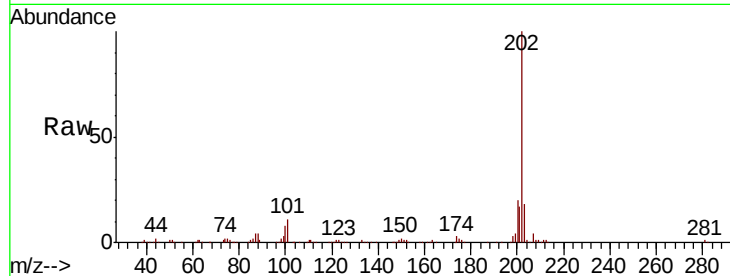




#80
Pvrene
Concen: 7.570 ng/ul
RT: 19.48 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

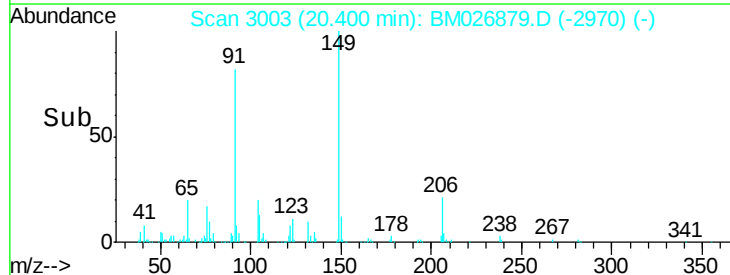
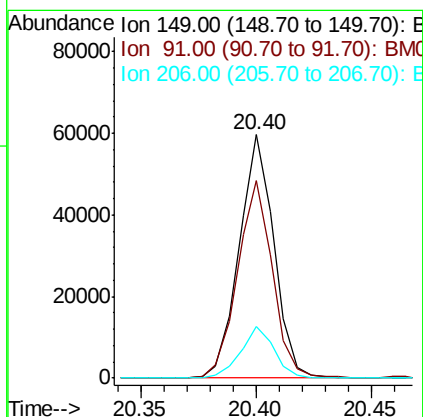
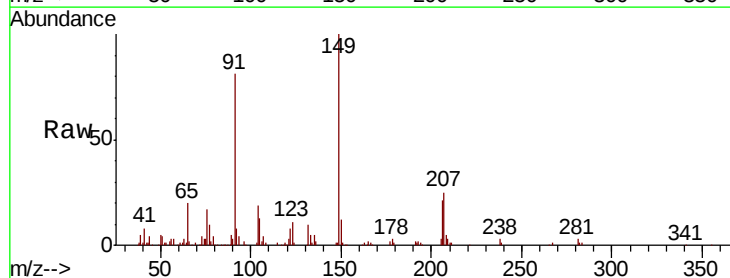
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-03

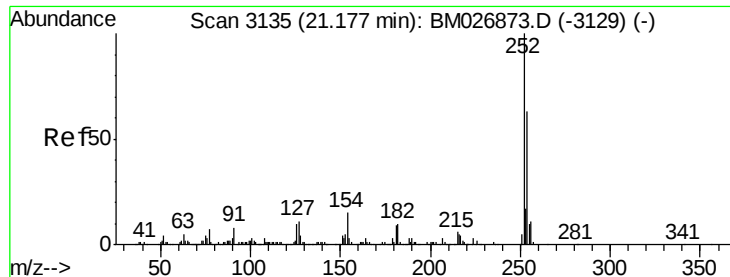
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.4	14.2
100	8.1	8.2	12.4



#81
Butylbenzylphthalate
Concen: 6.231 ng/ul
RT: 20.40 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM026879.D
Acq: 27 Jul 2020 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.1	64.2	96.2
206	21.0	15.8	23.6

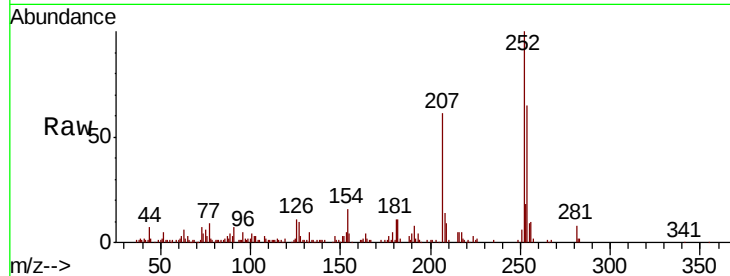




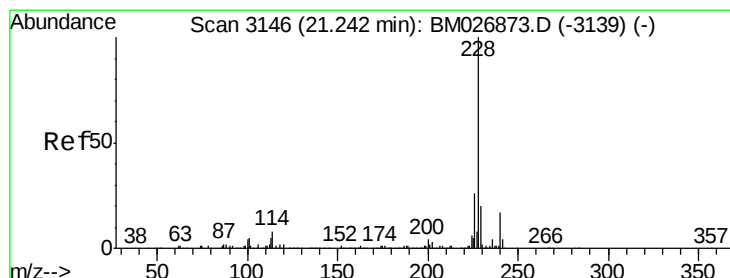
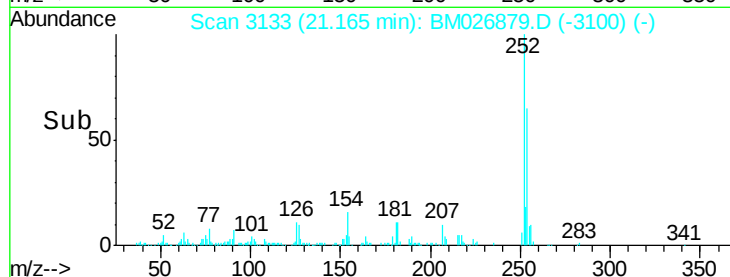
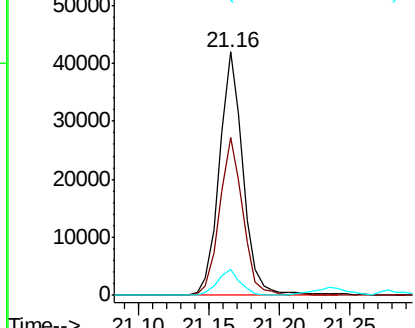
#82
 3,3'-Dichlorobenzidine
 Concen: 5.578 ng/ul
 RT: 21.16 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-03

Tot Ion:252 Resp: 49001
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.4 77.2
 126 10.6 8.7 13.1

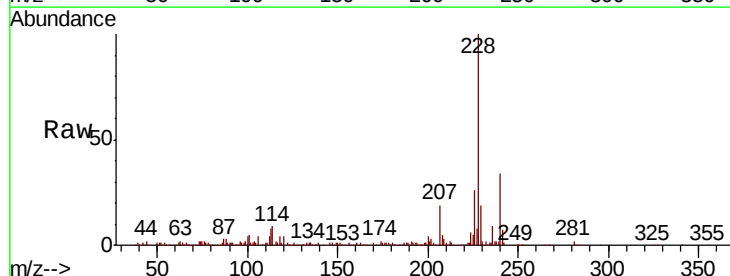


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

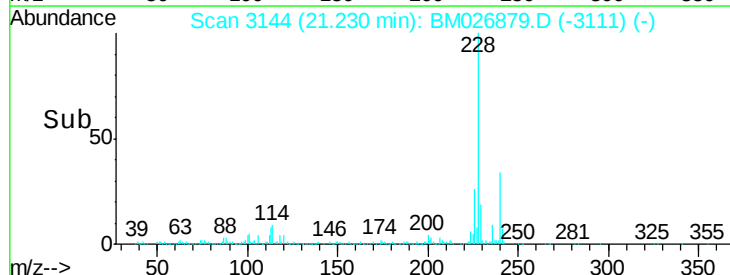
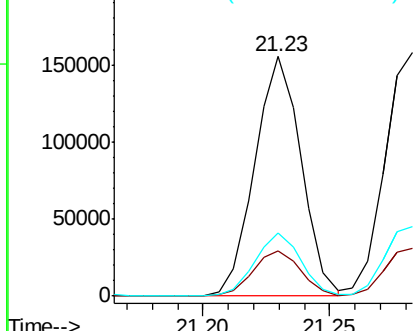


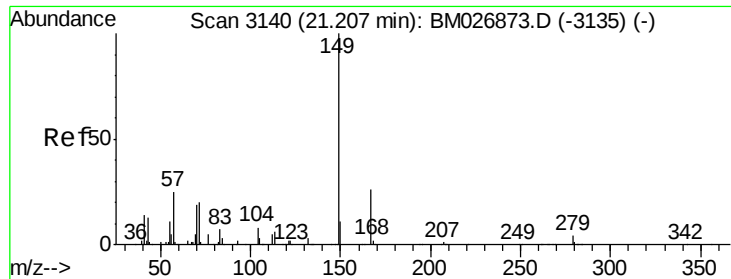
#83
 Benzo(a)anthracene
 Concen: 7.704 ng/ul
 RT: 21.23 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BM026879.D
 Acq: 27 Jul 2020 19:29

Tgt Ion:228 Resp: 197285
 Ion Ratio Lower Upper
 228 100
 229 19.1 15.4 23.2
 226 26.3 20.9 31.3



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: 6.229 ng/ul

RT: 21.19 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

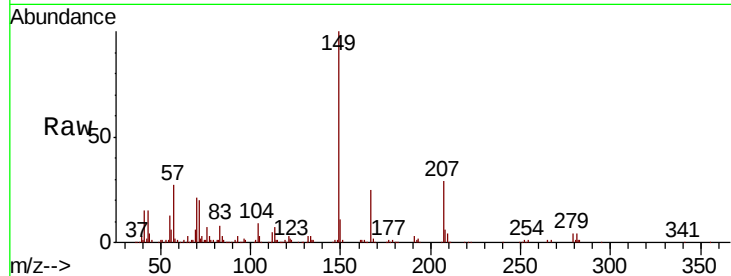
Tot Ion:149 Resp: 93859

Ion Ratio Lower Upper

149 100

167 25.2 20.6 31.0

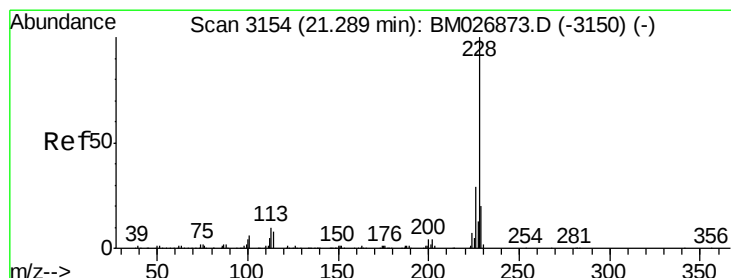
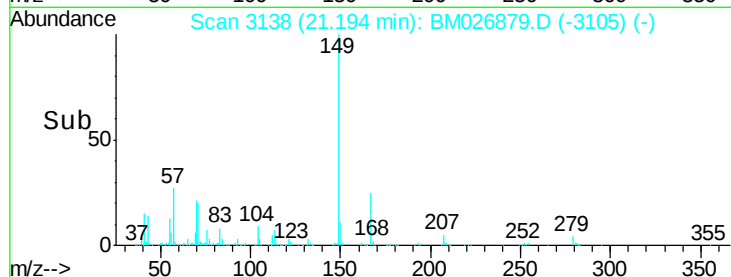
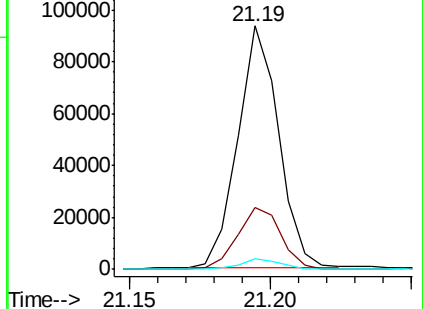
279 4.2 3.0 4.6



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: 7.807 ng/ul

RT: 21.28 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

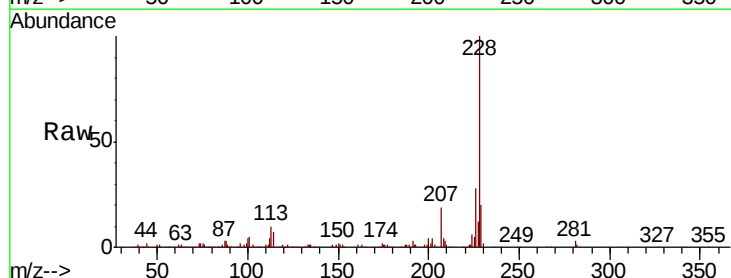
Tgt Ion:228 Resp: 194955

Ion Ratio Lower Upper

228 100

226 28.4 23.2 34.8

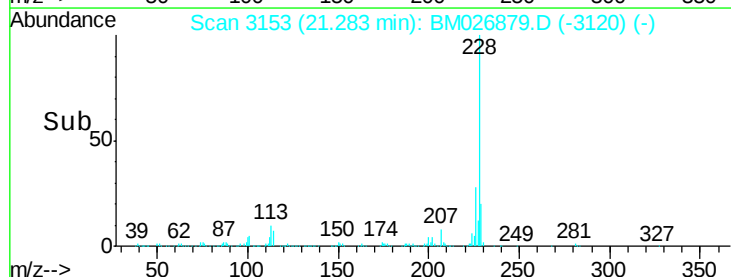
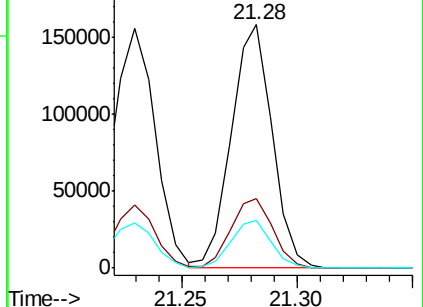
229 19.5 15.5 23.3

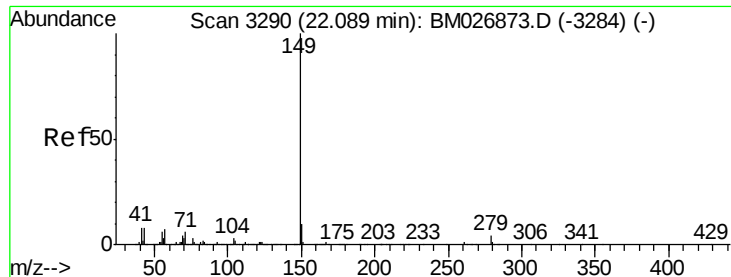


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 5.736 ng/ul

RT: 22.07 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

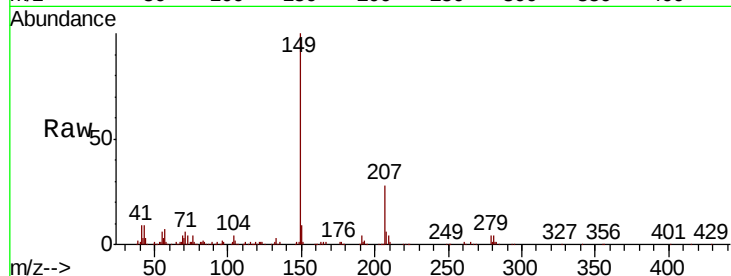
Instrument :

BNA_M

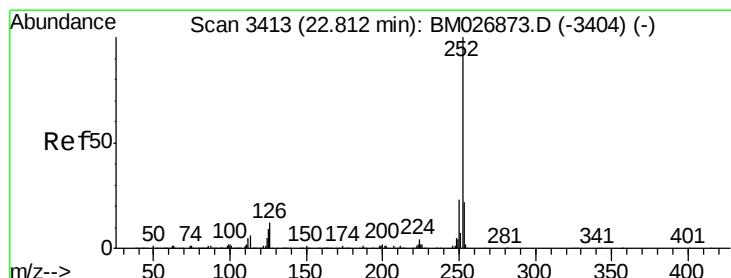
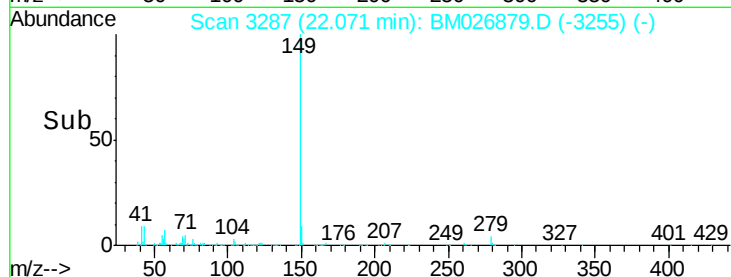
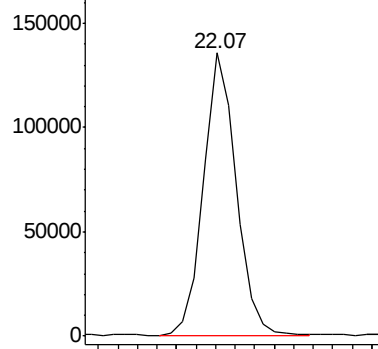
ClientSampleId :

MDL-ME-SOIL-03

Tgt Ion:149 Resp: 157487



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 7.370 ng/ul

RT: 22.80 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

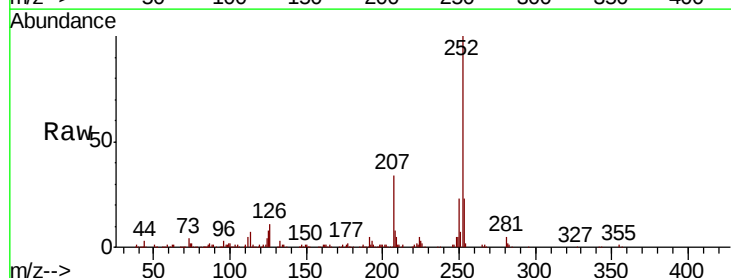
Tgt Ion:252 Resp: 197033

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

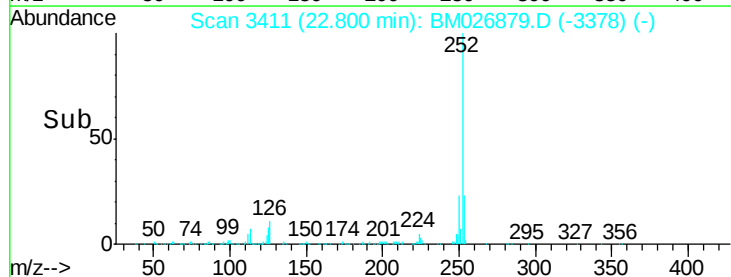
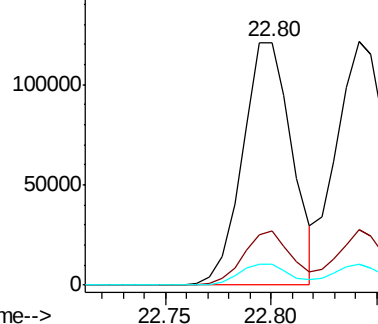
125 8.4 6.6 10.0

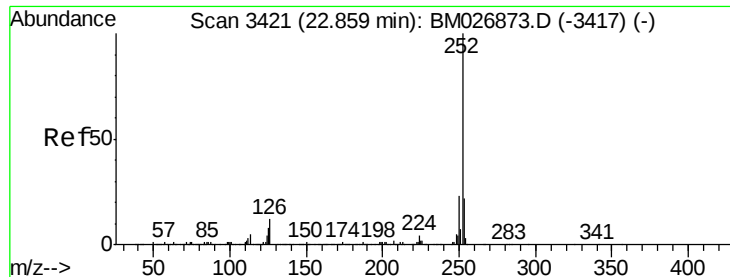


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 7.888 ng/ul

RT: 22.84 min Scan# 3418

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

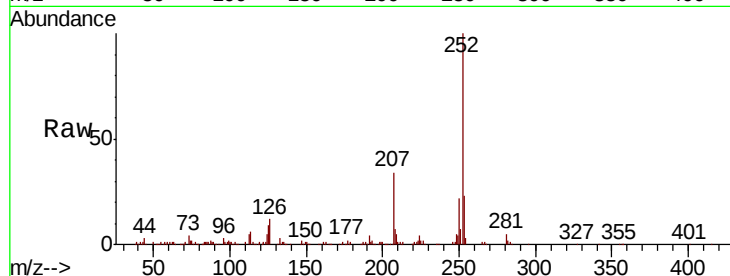
Tot Ion:252 Resp: 202350

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

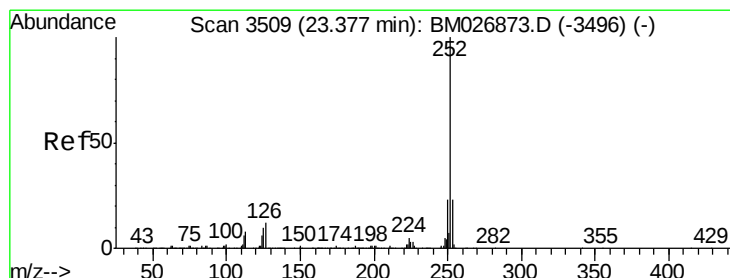
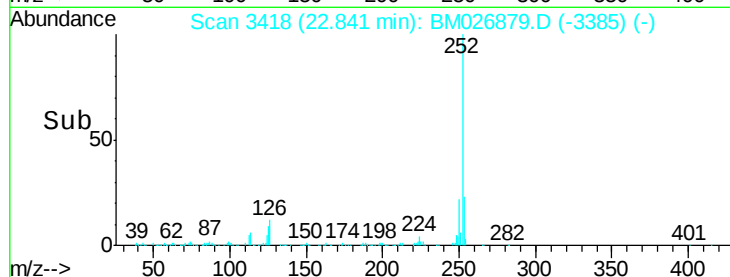
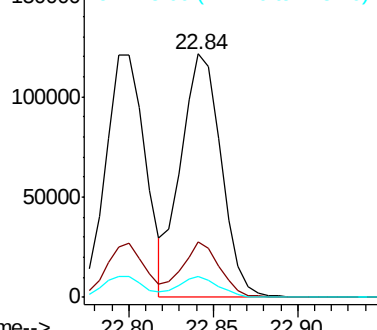
125 8.7 7.3 10.9



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: 7.849 ng/ul

RT: 23.36 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

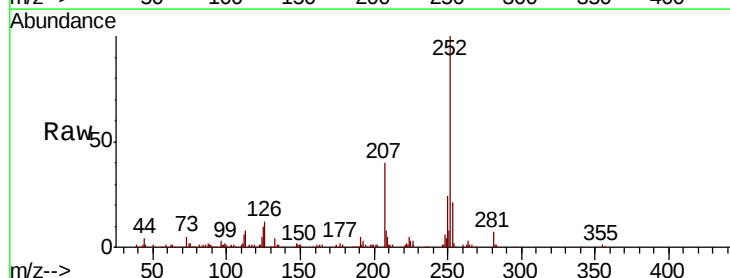
Tgt Ion:252 Resp: 189348

Ion Ratio Lower Upper

252 100

253 20.6 17.7 26.5

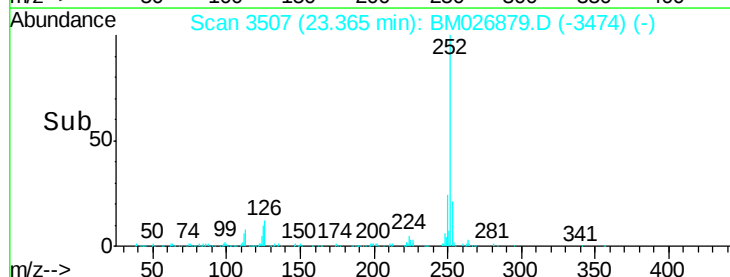
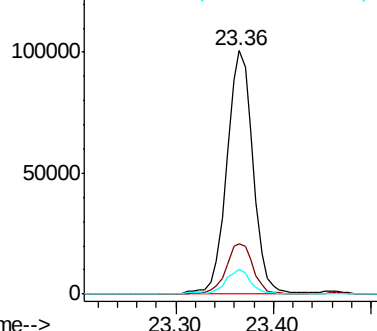
125 10.3 8.2 12.2

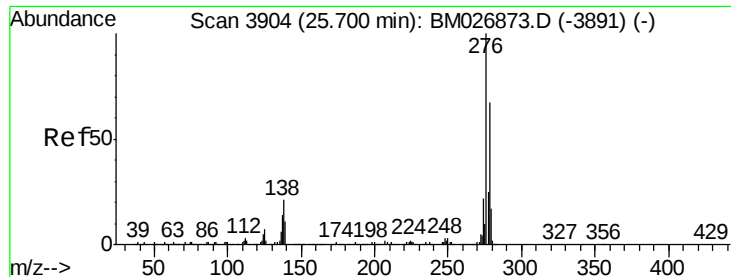


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 7.441 ng/ul

RT: 25.68 min Scan# 3900

Delta R.T. -0.02 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

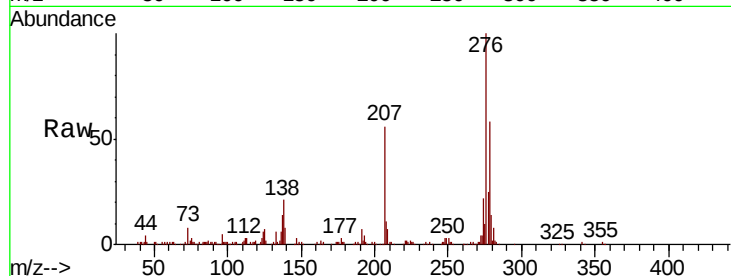
Tot Ion:276 Resp: 222668

Ion Ratio Lower Upper

276 100

138 21.0 17.0 25.4

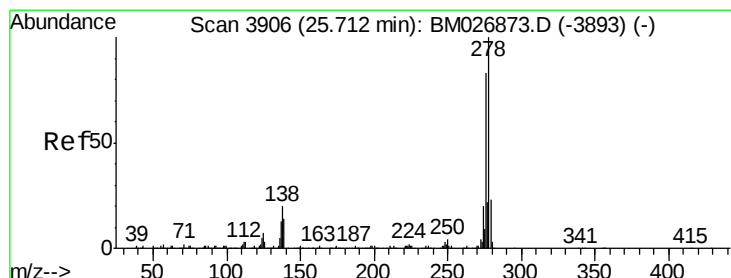
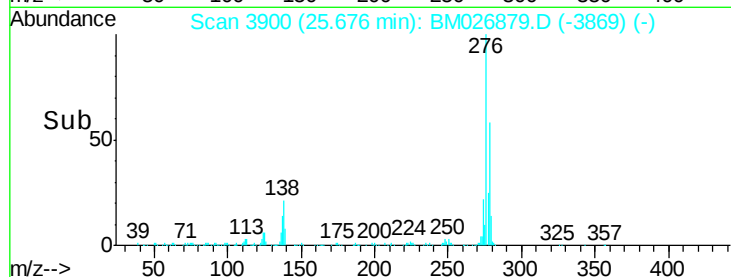
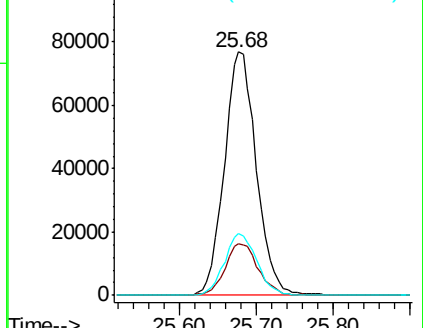
277 25.4 20.6 30.8



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



#93

Dibenzo(a,h)anthracene

Concen: 7.639 ng/ul

RT: 25.69 min Scan# 3903

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

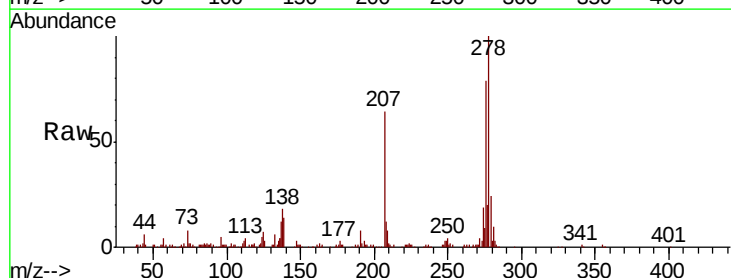
Tgt Ion:278 Resp: 193344

Ion Ratio Lower Upper

278 100

139 14.1 10.9 16.3

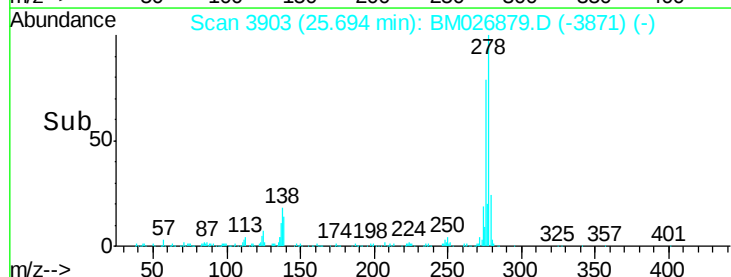
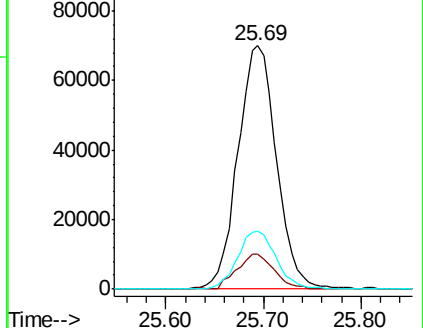
279 23.8 19.4 29.2

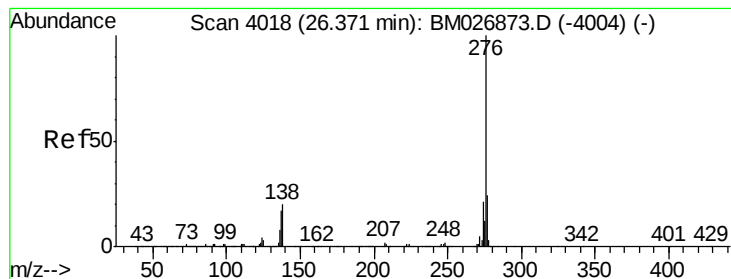


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 7.518 ng/ul

RT: 26.35 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BM026879.D

Acq: 27 Jul 2020 19:29

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-03

Tot Ion:276 Resp: 186037

Ion Ratio Lower Upper

276 100

138 18.3 14.9 22.3

277 23.5 19.1 28.7

