

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
 Data File : BM028064.D
 Acq On : 07 Dec 2020 18:21
 Operator : JU/CG
 Sample : L4485-19
 Misc : ME-SOIL--02
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-05

Quant Time: Dec 08 06:22:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 06:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	229674	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	963366	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	555317	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1091209	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	964533	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	933673	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	25268	4.11	ng/uL	0.00
4) Pyridine-d5	3.93	84	361684	21.80	ng/ul	0.00
7) Phenol-d5	7.42	99	597530	31.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	392088	33.00	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	505812	31.76	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	503147	33.37	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	240701	32.18	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	249027	33.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	463174	30.56	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	665166	32.08	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1334416	32.48	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1741542	33.02	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	222306	28.06	ng/ul	0.00
60) Fluorene-d10	15.89	176	1121523	30.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	172455	27.23	ng/ul	0.00
73) Anthracene-d10	17.72	188	1622561	30.33	ng/ul	0.00
81) Pyrene-d10	19.97	212	1666454	32.91	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1486400	29.90	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.51	88	4350	0.688	ng/uL 93
5) Pyridine	3.96	79	44477	2.672	ng/ul# 69
6) Benzaldehyde	7.40	77	37496	4.744	ng/ul 97
8) Phenol	7.45	94	49331	2.528	ng/ul 96
10) Bis(2-Chloroethyl)ether	7.69	93	45233	2.816	ng/ul 98
12) 2-Chlorophenol	7.84	128	43528	2.655	ng/ul 98
13) 2-Methylphenol	8.72	108	36616	2.507	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.82	45	72747	2.814	ng/ul 99
16) Acetophenone	9.12	105	61517	2.726	ng/ul 96
17) N-Nitroso-di-n-propylamine	9.10	70	29366	2.739	ng/ul 98
18) 4-Methylphenol	9.05	108	40270	2.572	ng/ul 94
19) Hexachloroethane	9.39	117	16761	2.436	ng/ul 91
22) Nitrobenzene	9.50	77	48637	2.635	ng/ul# 96
23) Isophorone	10.03	82	78683	2.549	ng/ul 99
25) 2-Nitrophenol	10.22	139	23114	2.735	ng/ul 98
26) 2,4-Dimethylphenol	10.27	107	43696	2.516	ng/ul 97
27) Bis(2-Chloroethoxy)methane	10.50	93	57191	2.698	ng/ul 97
29) 2,4-Dichlorophenol	10.75	162	38178	2.574	ng/ul# 85
30) Naphthalene	11.17	128	141678	2.604	ng/ul 99
32) 4-Chloroaniline	11.27	127	54871	2.733	ng/ul 100
33) Hexachlorobutadiene	11.45	225	24948	2.569	ng/ul 97
34) Caprolactam	12.05	113	4151	0.971	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.36	107	36404	2.447	ng/ul	98
36) 2-Methylnaphthalene	12.76	142	91922	2.570	ng/ul	95
37) 1-Methylnaphthalene	12.97	142	89578	2.605	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	46364	2.453	ng/ul	95
40) Hexachlorocyclopentadiene	13.10	237	19936	1.851	ng/ul	97
41) 2,4,6-Trichlorophenol	13.35	196	25582	2.259	ng/ul	95
42) 2,4,5-Trichlorophenol	13.42	196	28760	2.365	ng/ul	94
43) 1,1'-Biphenyl	13.74	154	120200	2.526	ng/ul	100
44) 2-Chloronaphthalene	13.79	162	95050	2.536	ng/ul	97
45) 2-Nitroaniline	13.99	65	20147	2.162	ng/ul	96
47) Dimethylphthalate	14.34	163	113912	2.682	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	16774	2.080	ng/ul	91
50) Acenaphthylene	14.63	152	138469	2.533	ng/ul	99
51) 3-Nitroaniline	14.80	138	18259	2.281	ng/ul	98
52) Acenaphthene	14.97	153	98409	2.509	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	6386	1.377	ng/ul	91
55) 4-Nitrophenol	15.08	109	14445	2.479	ng/ul#	83
56) Dibenzofuran	15.30	168	135425	2.549	ng/ul	98
57) 2,4-Dinitrotoluene	15.25	165	24578	2.175	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.52	232	22557	2.309	ng/ul	98
59) Diethylphthalate	15.69	149	106562	2.561	ng/ul	100
61) Fluorene	15.94	166	112215	2.587	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.93	204	55221	2.600	ng/ul	97
63) 4-Nitroaniline	15.94	138	18098	2.552	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	16.00	198	16362	2.346	ng/ul#	64
67) N-Nitrosodiphenylamine	16.13	169	90196	2.513	ng/ul	97
68) 4-Bromophenyl-phenylether	16.82	248	30557	2.450	ng/ul	93
69) Hexachlorobenzene	16.93	284	36175	2.514	ng/ul	98
70) Atrazine	17.06	200	27179	2.238	ng/ul	95
71) Pentachlorophenol	17.27	266	14372	1.785	ng/ul	94
72) Phenanthrene	17.67	178	169945	2.561	ng/ul	99
74) Anthracene	17.76	178	169179	2.504	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	45721	2.481	ng/uL	98
76) Pentachlorobenzene	15.22	250	44305	2.509	ng/uL	98
77) Carbazole	18.02	167	133016	2.313	ng/ul	99
78) Di-n-butylphthalate	18.55	149	151401	2.310	ng/ul	99
80) Fluoranthene	19.64	202	174520	2.630	ng/ul	98
82) Pyrene	20.00	202	190195	2.747	ng/ul	99
83) Butylbenzylphthalate	20.86	149	59383	2.389	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	50336	2.355	ng/ul#	98
85) Benzo(a)anthracene	21.71	228	163585	2.555	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.61	149	89004	2.367	ng/ul	99
87) Chrysene	21.77	228	163382	2.582	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	143760	2.271	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	161709	2.625	ng/ul	96
91) Benzo(k)fluoranthene	23.45	252	152925	2.573	ng/ul	99
93) Benzo(a)pyrene	24.03	252	142869	2.550	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.61	276	170024	2.471	ng/ul	96
95) Dibenzo(a,h)anthracene	26.62	278	143984	2.476	ng/ul	98
96) Benzo(g,h,i)perylene	27.37	276	139704	2.407	ng/ul	97

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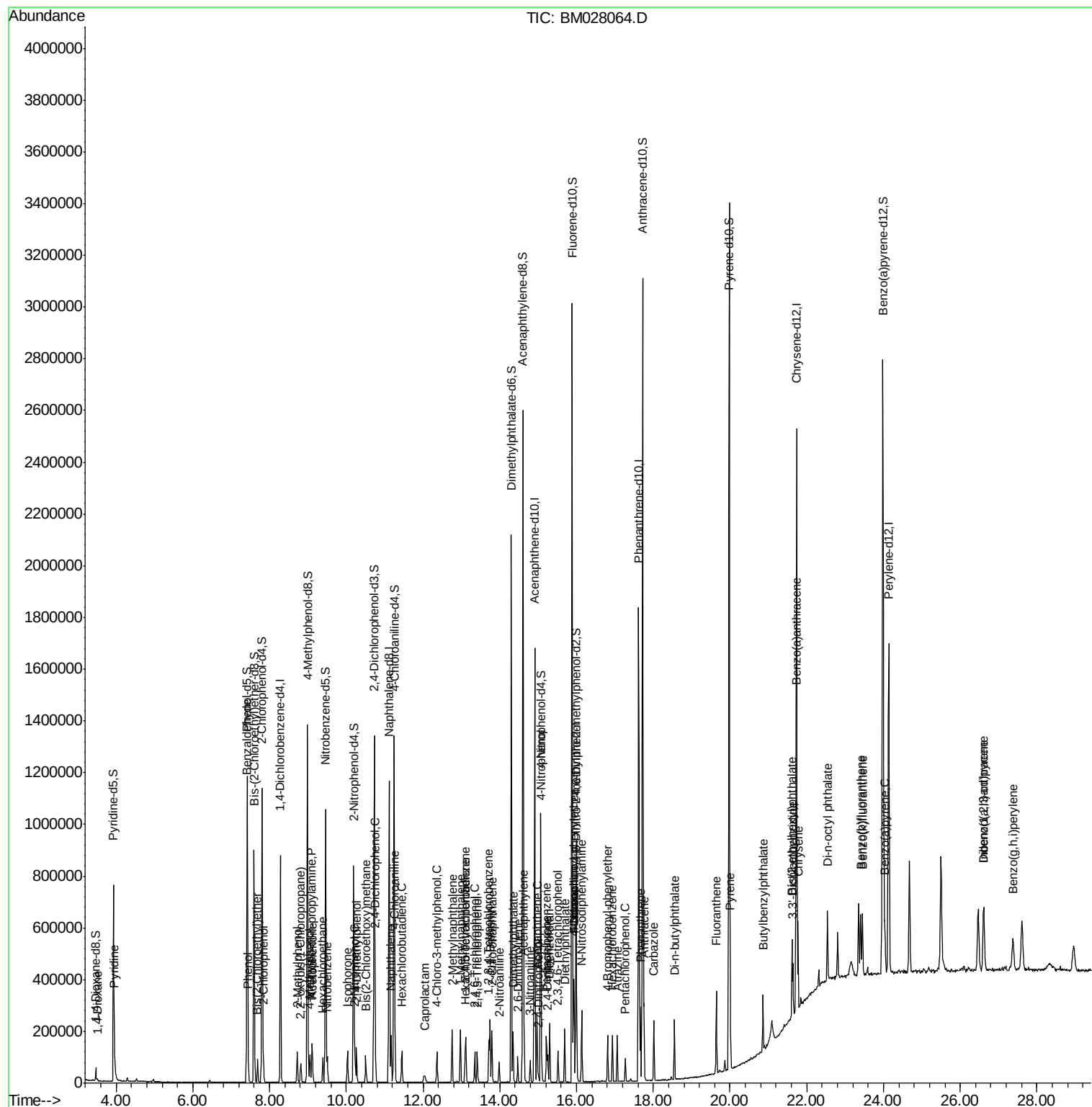
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

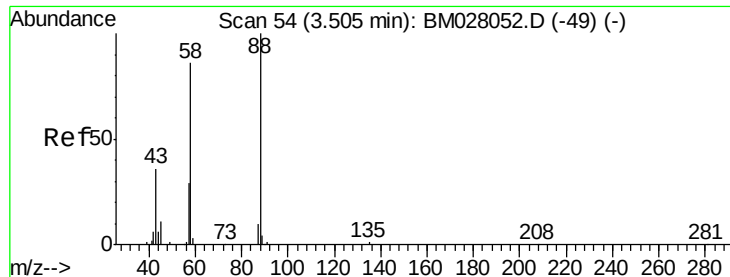
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.688 ng/uL

RT: 3.51 min Scan# 55

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

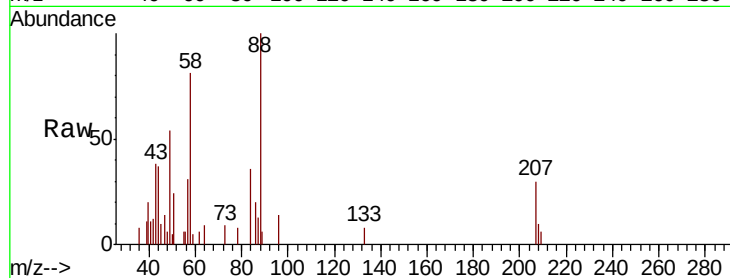
Tot Ion: 88 Resp: 4350

Ion Ratio Lower Upper

88 100

43 38.3 30.2 45.2

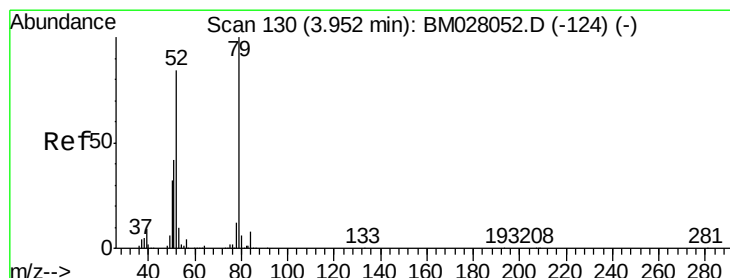
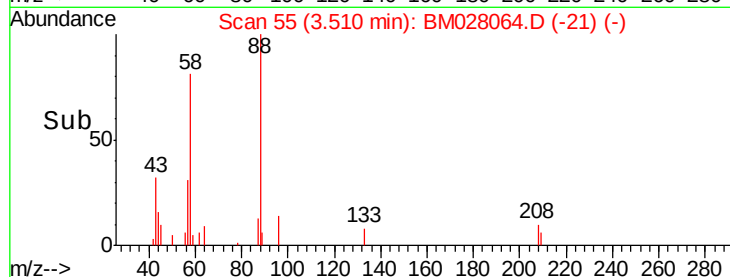
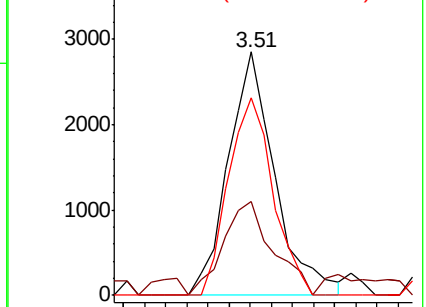
58 81.0 72.2 108.2



Abundance Ion 88.00 (87.70 to 88.70): BM028052.D (-49) (-)

Ion 43.00 (42.70 to 43.70): BM028052.D (-49) (-)

Ion 58.00 (57.70 to 58.70): BM028052.D (-49) (-)



#5

Pyridine

Concen: 2.672 ng/uL

RT: 3.96 min Scan# 131

Delta R.T. 0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

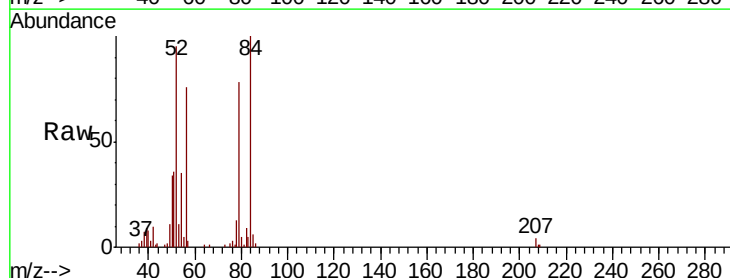
Tgt Ion: 79 Resp: 44477

Ion Ratio Lower Upper

79 100

52 121.8 67.6 101.4#

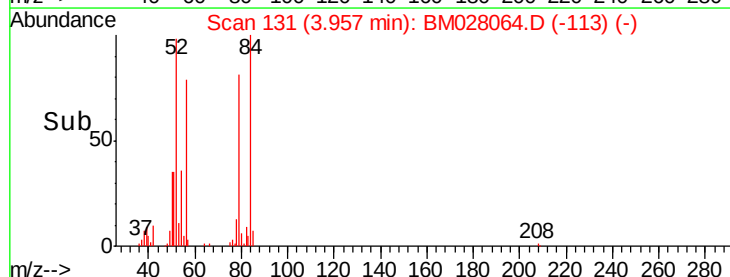
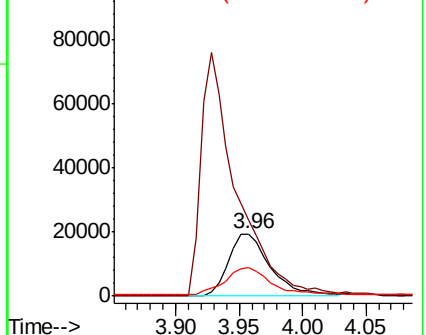
51 45.6 32.1 48.1

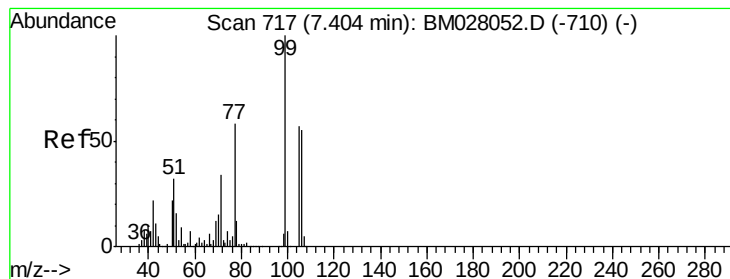


Abundance Ion 79.00 (78.70 to 79.70): BM028052.D (-124) (-)

Ion 52.00 (51.70 to 52.70): BM028052.D (-124) (-)

Ion 51.00 (50.70 to 51.70): BM028052.D (-124) (-)





#6

Benzaldehyde

Concen: 4.744 ng/ul

RT: 7.40 min Scan# 717

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

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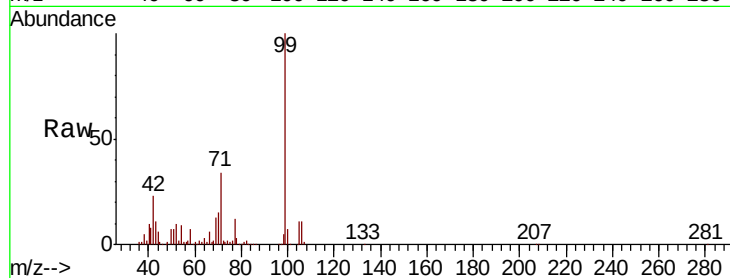
Tot Ion: 77 Resp: 37496

Ion Ratio Lower Upper

77 100

105 95.0 79.4 119.0

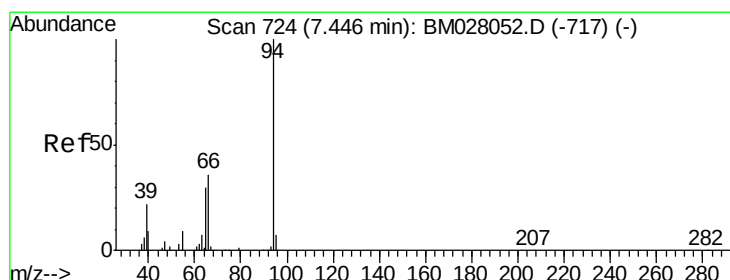
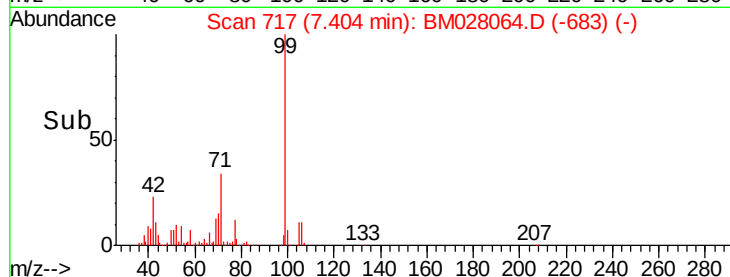
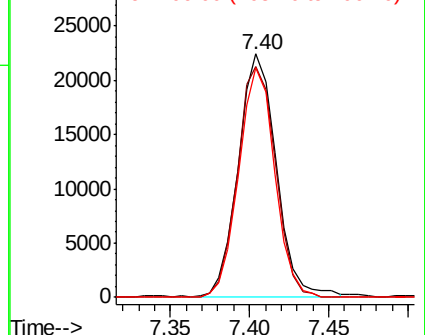
106 94.0 76.7 115.1



Abundance Ion 77.00 (76.70 to 77.70): BM028064.D (-683) (-)

Ion 105.00 (104.70 to 105.70): BM028064.D (-683) (-)

Ion 106.00 (105.70 to 106.70): BM028064.D (-683) (-)



#8

Phenol

Concen: 2.528 ng/ul

RT: 7.45 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

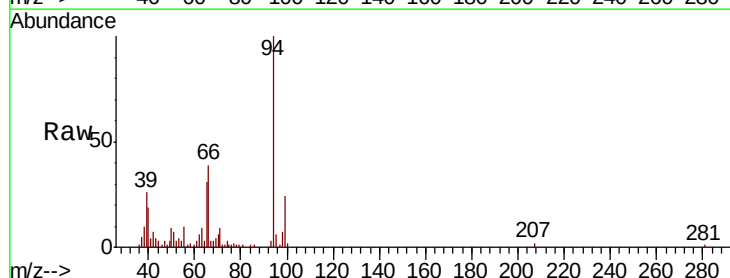
Tgt Ion: 94 Resp: 49331

Ion Ratio Lower Upper

94 100

65 30.8 22.7 34.1

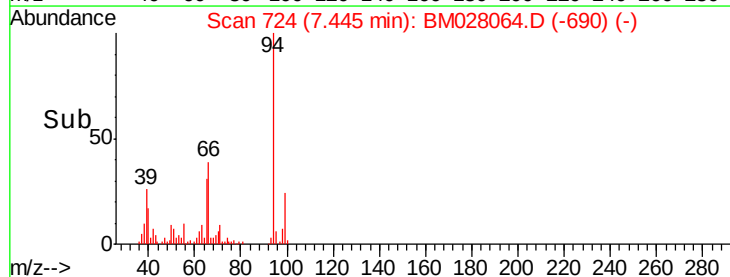
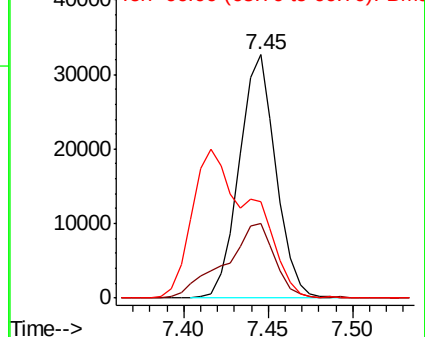
66 39.4 30.1 45.1

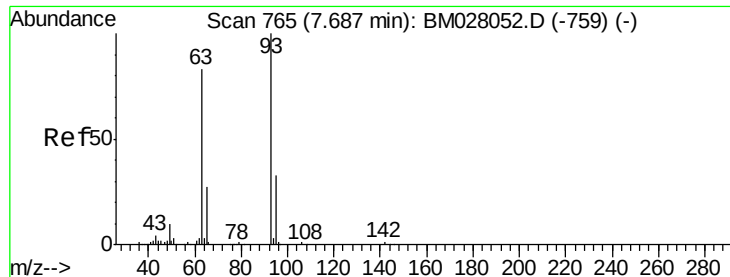


Abundance Ion 94.00 (93.70 to 94.70): BM028064.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM028064.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM028064.D (-690) (-)

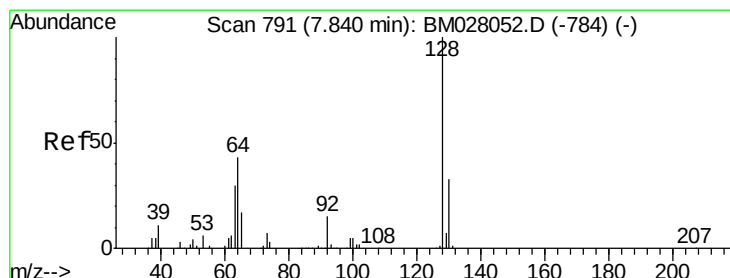
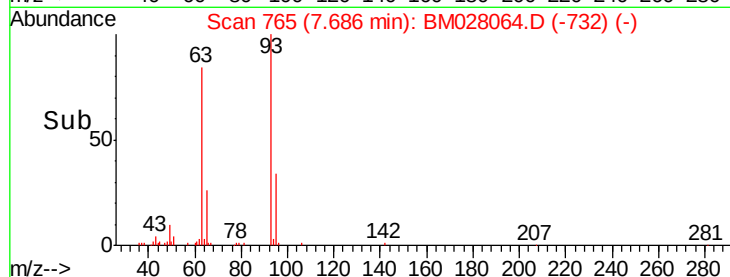
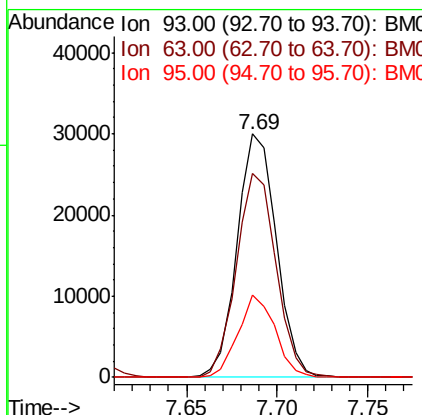
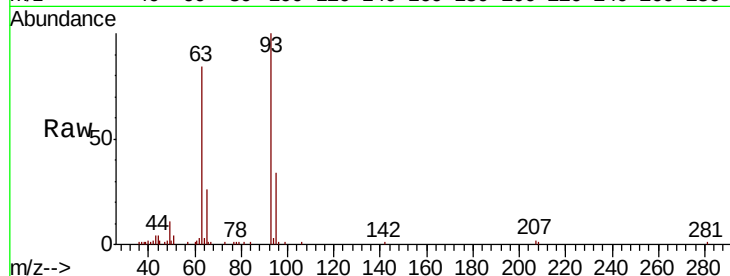




#10
Bis(2-Chloroethyl)ether
Concen: 2.816 ng/ul
RT: 7.69 min Scan# 765
Delta R.T. -0.01 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

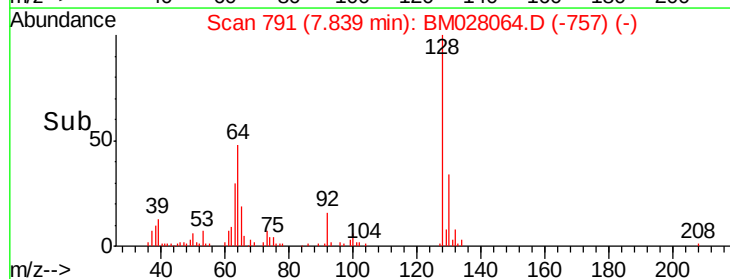
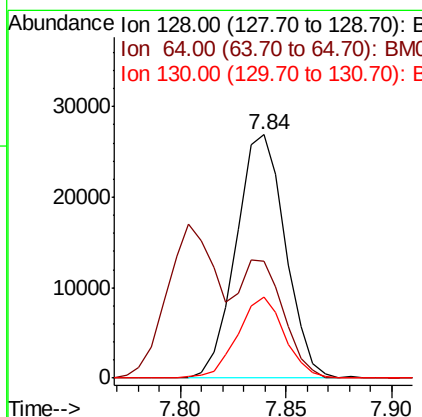
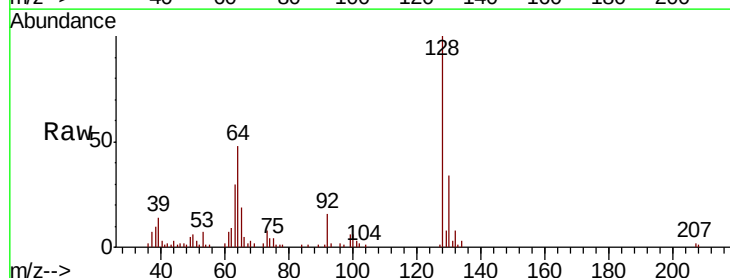
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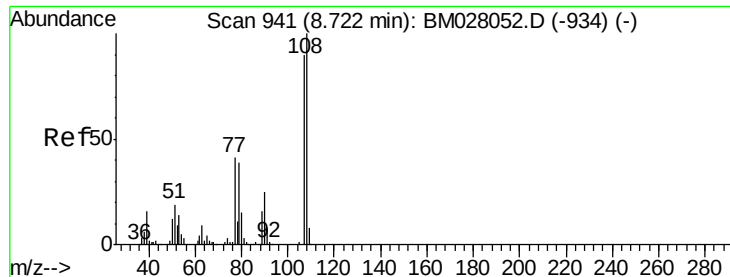
Tot Ion: 93 Resp: 45233
Ion Ratio Lower Upper
93 100
63 84.0 65.0 97.4
95 33.8 26.6 40.0



#12
2-Chlorophenol
Concen: 2.655 ng/ul
RT: 7.84 min Scan# 791
Delta R.T. -0.00 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Tgt Ion: 128 Resp: 43528
Ion Ratio Lower Upper
128 100
64 48.1 37.4 56.2
130 33.6 25.4 38.0

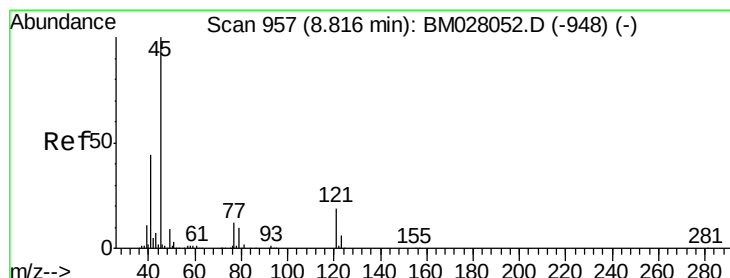
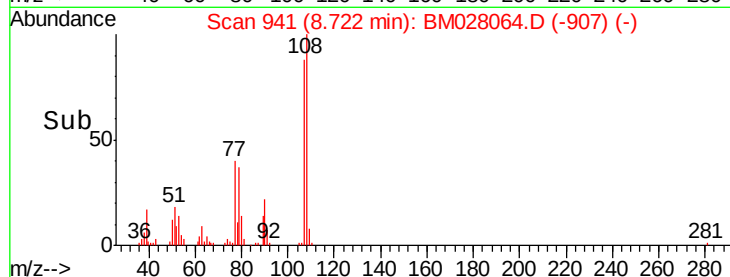
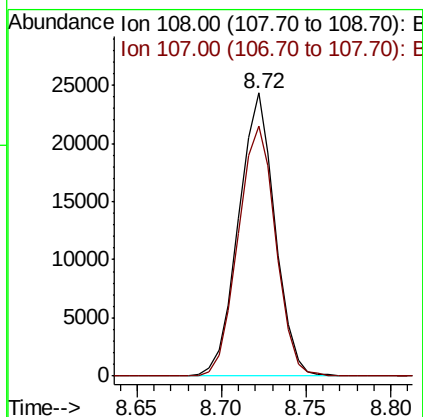
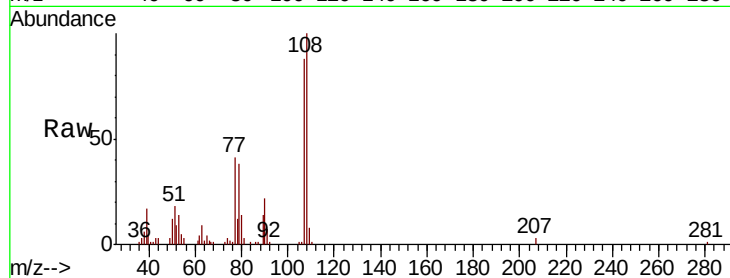




#13
 2-Methylphenol
 Concen: 2.507 ng/ul
 RT: 8.72 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

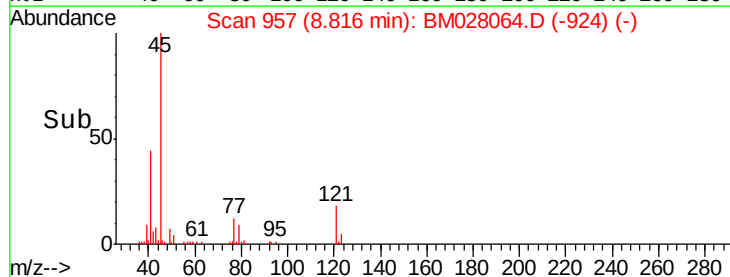
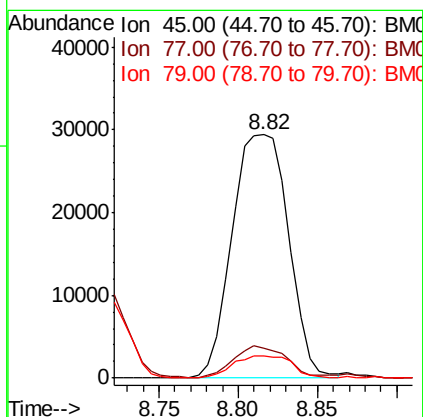
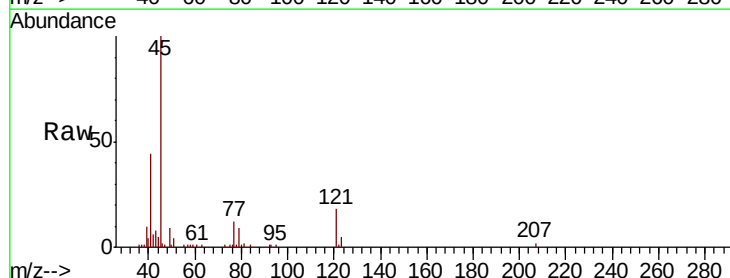
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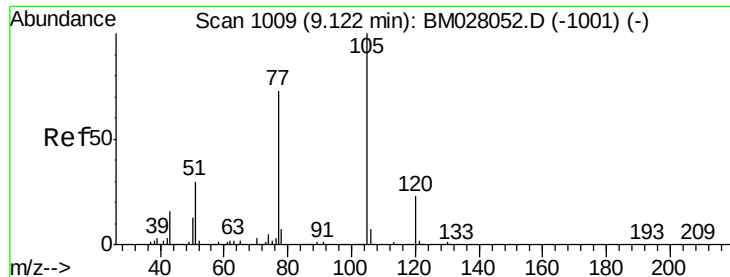
Tot Ion:108 Resp: 36616
 Ion Ratio Lower Upper
 108 100
 107 88.2 70.1 105.1



#14
 2,2'-oxybis(1-chloropropane)
 Concen: 2.814 ng/ul
 RT: 8.82 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Tgt Ion: 45 Resp: 72747
 Ion Ratio Lower Upper
 45 100
 77 12.1 9.8 14.8
 79 8.8 7.4 11.2





#16

Acetophenone

Concen: 2.726 ng/ul

RT: 9.12 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

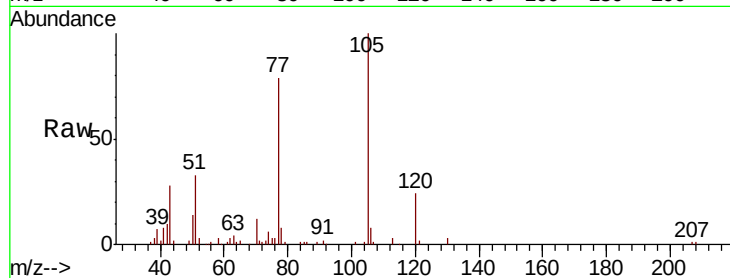
Tot Ion:105 Resp: 61517

Ion Ratio Lower Upper

105 100

77 78.6 60.0 90.0

51 32.6 24.1 36.1

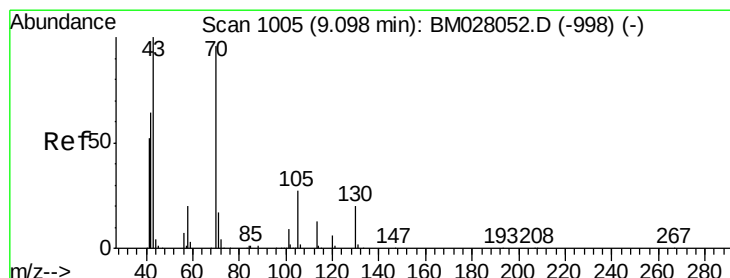
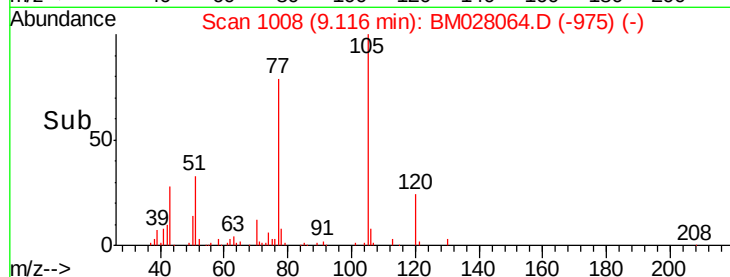
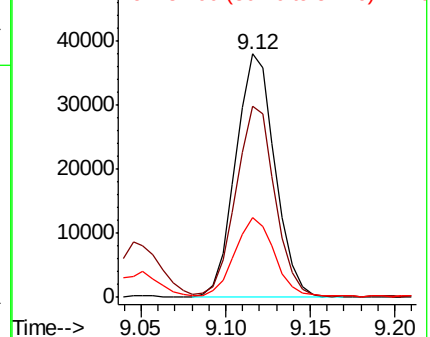


Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#17

N-Nitroso-di-n-propylamine

Concen: 2.739 ng/ul

RT: 9.10 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Tgt Ion: 70 Resp: 29366

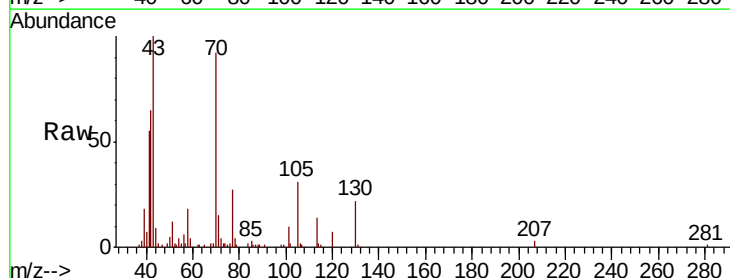
Ion Ratio Lower Upper

70 100

42 70.9 55.3 82.9

101 10.4 8.0 12.0

130 23.6 18.0 27.0



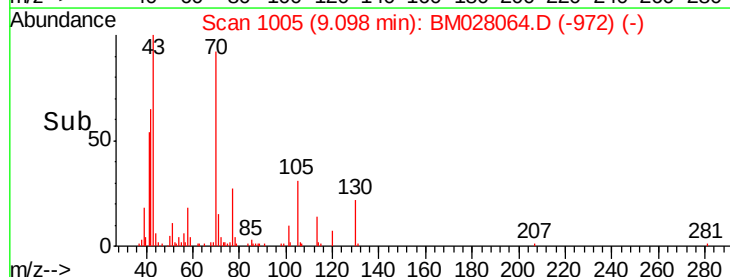
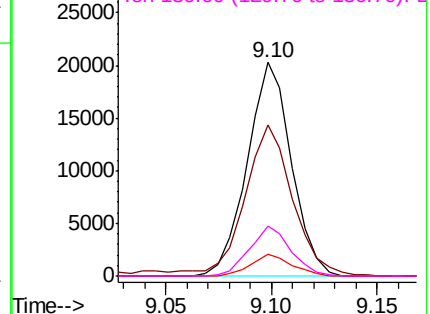
Abundance

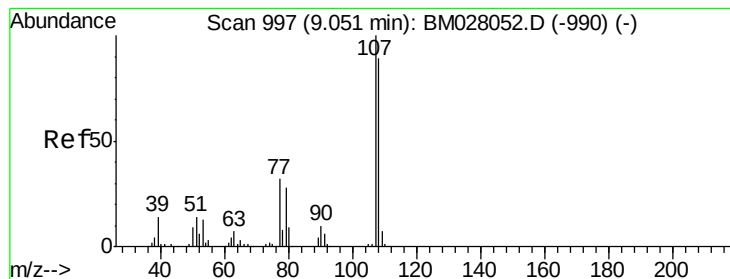
Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#18

4-Methylphenol

Concen: 2.572 ng/ul

RT: 9.05 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

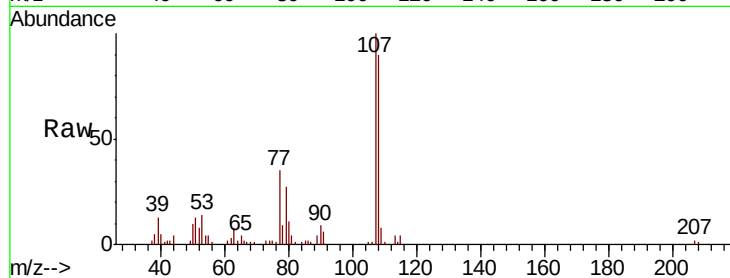
MDL-ME-SOIL-05

Tot Ion:108 Resp: 40270

Ion Ratio Lower Upper

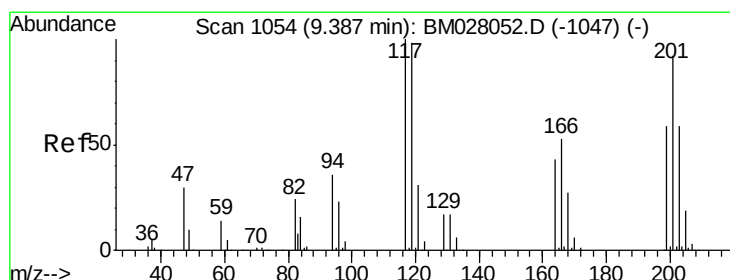
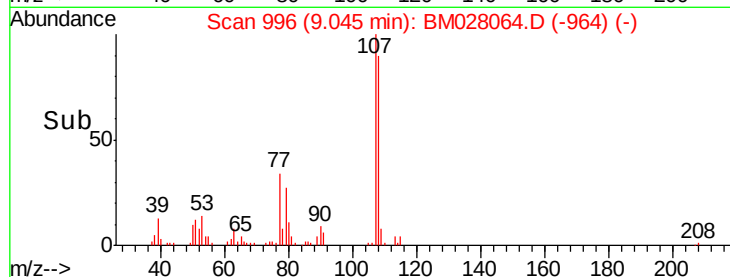
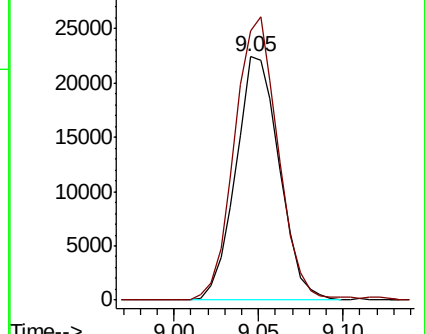
108 100

107 110.8 93.4 140.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 2.436 ng/ul

RT: 9.39 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

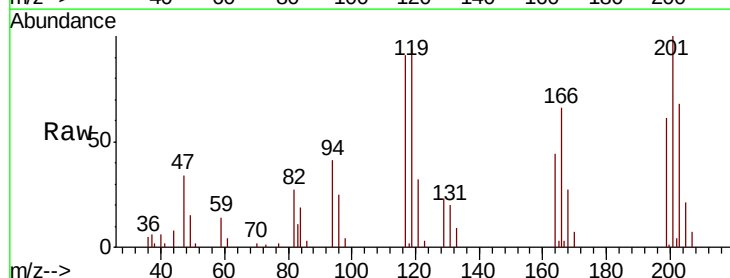
Tgt Ion:117 Resp: 16761

Ion Ratio Lower Upper

117 100

201 109.5 80.0 120.0

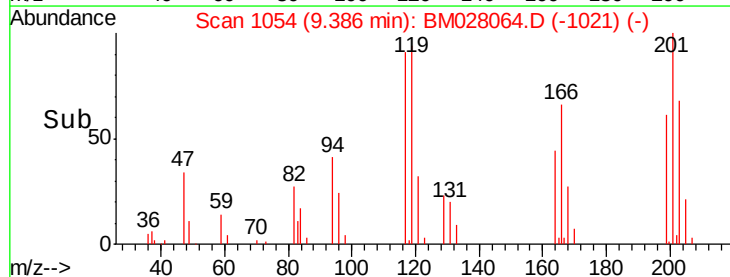
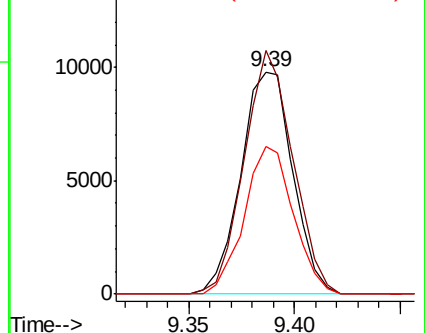
199 66.2 48.6 73.0

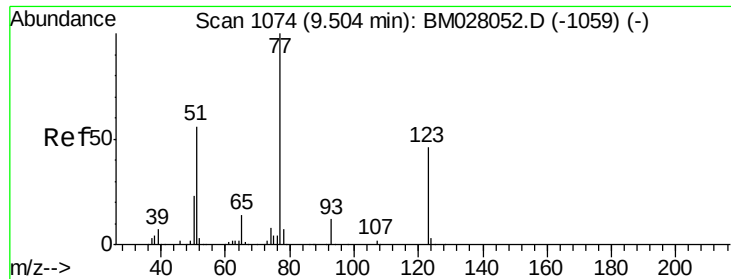


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

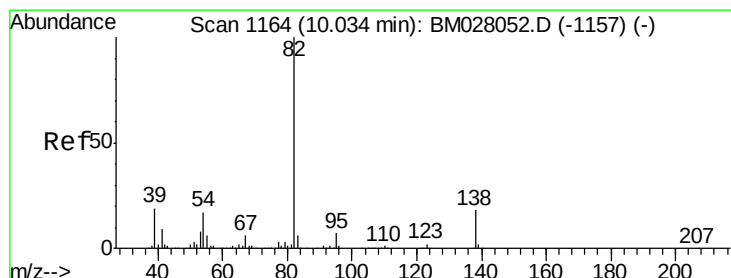
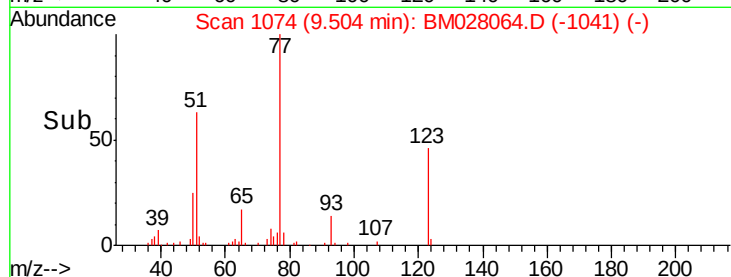
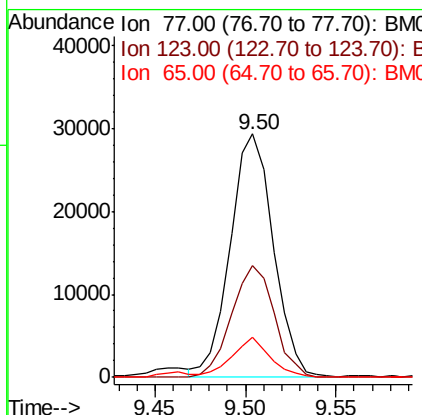
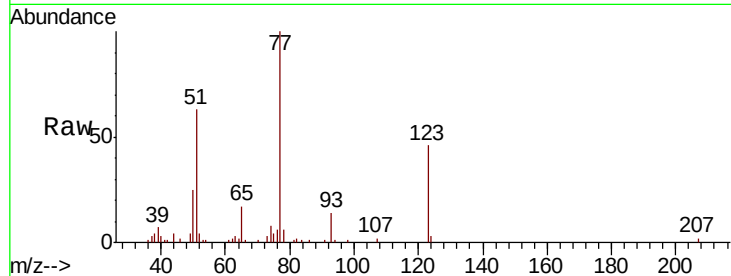




#22
 Nitrobenzene
 Concen: 2.635 ng/ul
 RT: 9.50 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

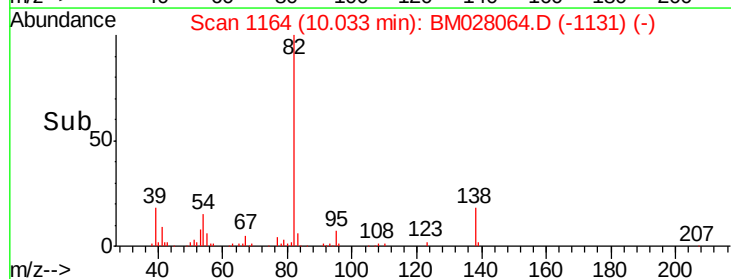
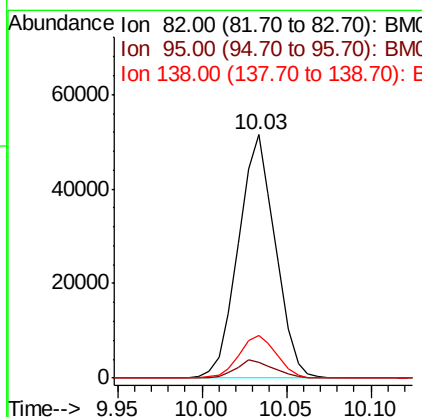
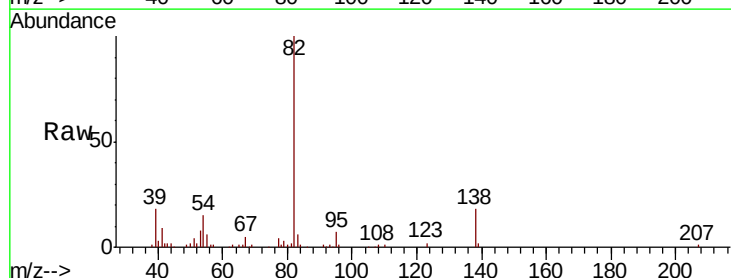
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-05

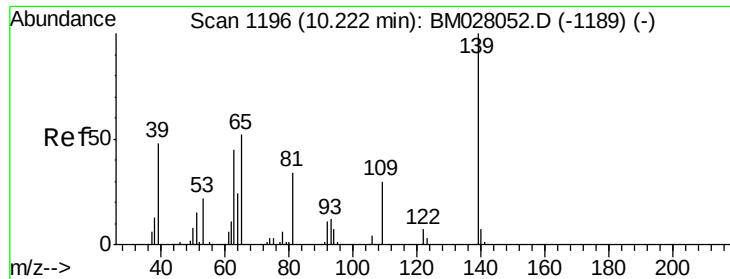
Tot Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.8	53.6
65	16.7	10.4	15.6



#23
 Isophorone
 Concen: 2.549 ng/ul
 RT: 10.03 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	17.5	14.6	22.0

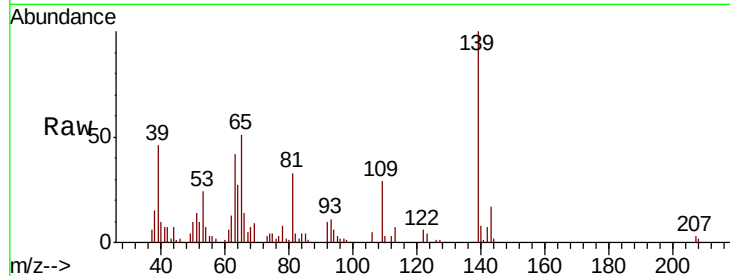




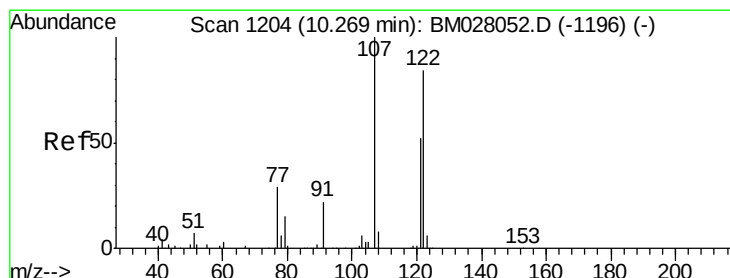
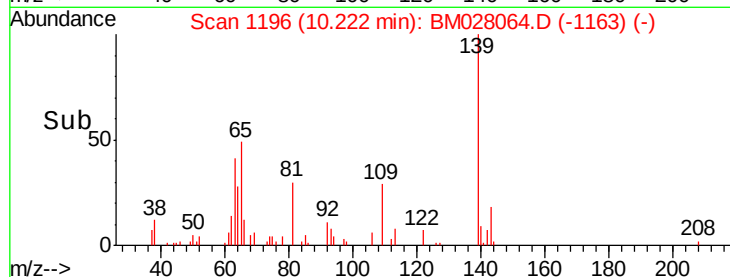
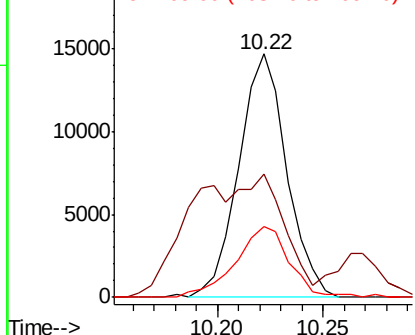
#25
2-Nitrophenol
Concen: 2.735 ng/ul
RT: 10.22 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion:139 Resp: 23114
Ion Ratio Lower Upper
139 100
65 50.8 42.2 63.2
109 29.0 22.7 34.1

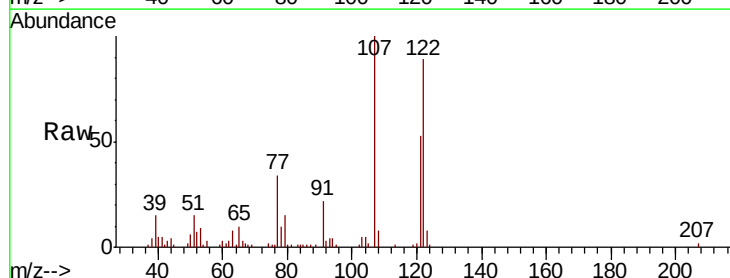


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 109.00 (108.70 to 109.70): E

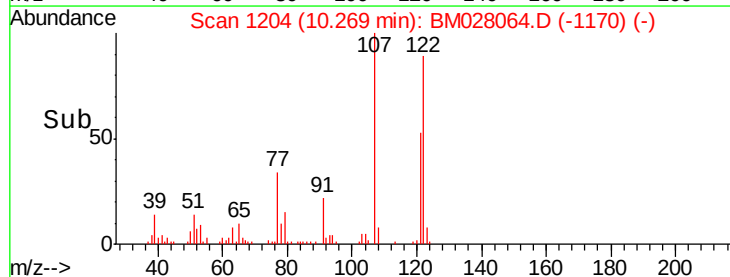
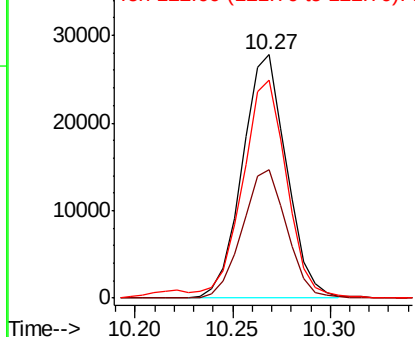


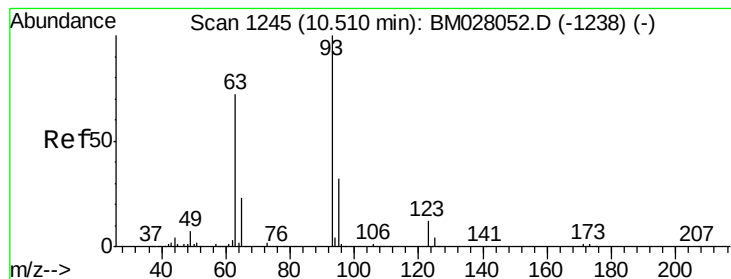
#26
2,4-Dimethylphenol
Concen: 2.516 ng/ul
RT: 10.27 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Tgt Ion:107 Resp: 43696
Ion Ratio Lower Upper
107 100
121 52.5 41.2 61.8
122 89.3 68.1 102.1



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





#27

Bis(2-Chloroethoxy)methane

Concen: 2.698 ng/ul

RT: 10.50 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

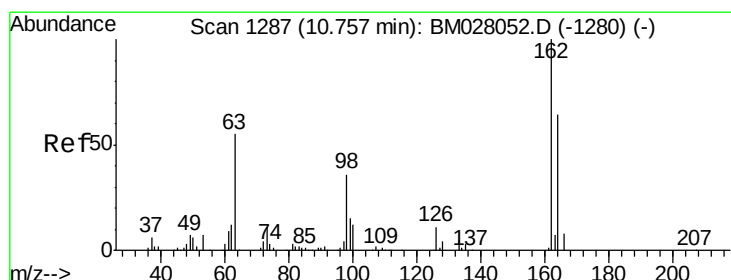
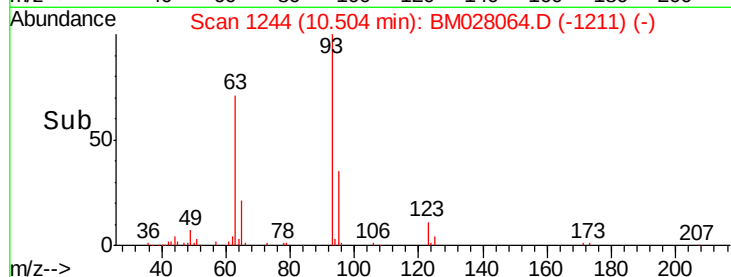
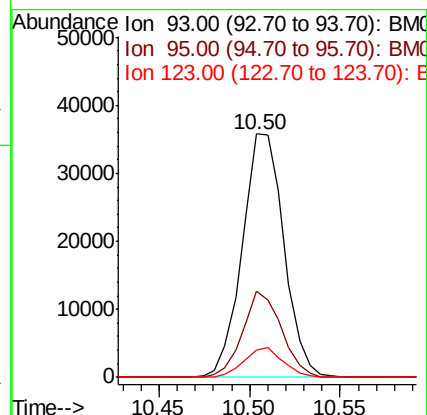
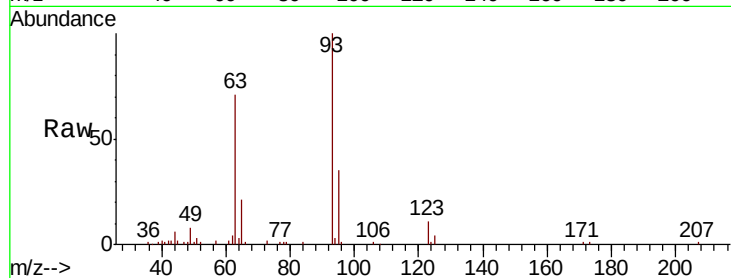
Tot Ion: 93 Resp: 57191

Ion Ratio Lower Upper

93 100

95 35.3 26.2 39.4

123 11.3 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 2.574 ng/ul

RT: 10.75 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

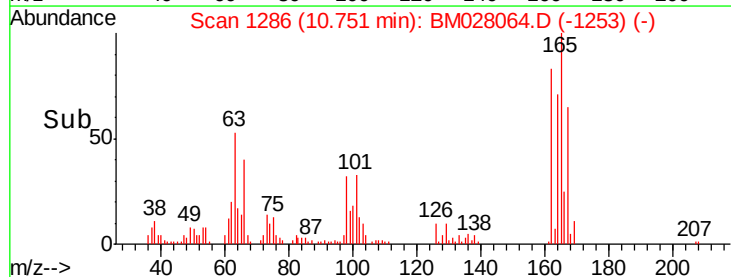
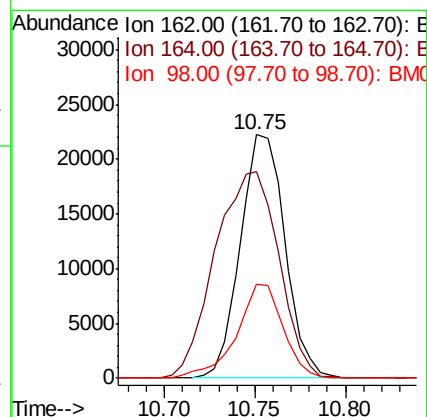
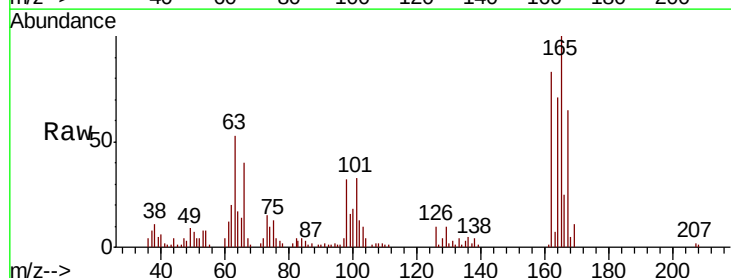
Tgt Ion: 162 Resp: 38178

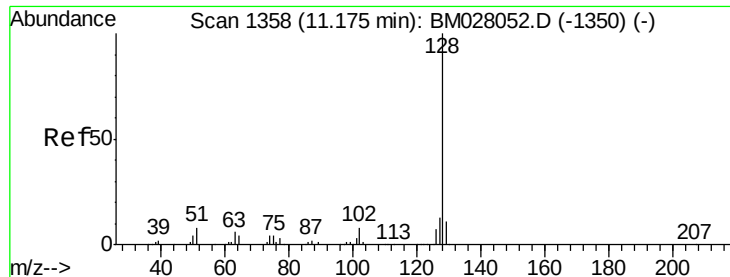
Ion Ratio Lower Upper

162 100

164 84.9 53.7 80.5#

98 38.7 29.5 44.3





#30

Naphthalene

Concen: 2.604 ng/ul

RT: 11.17 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

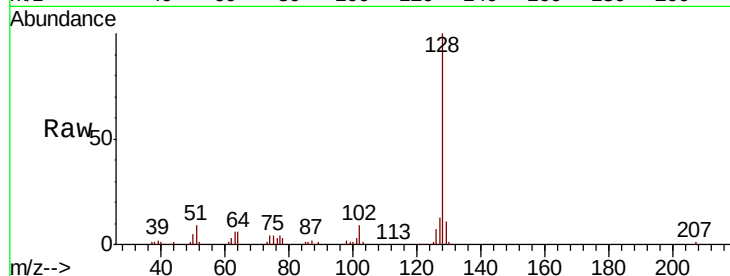
Tot Ion:128 Resp: 141678

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

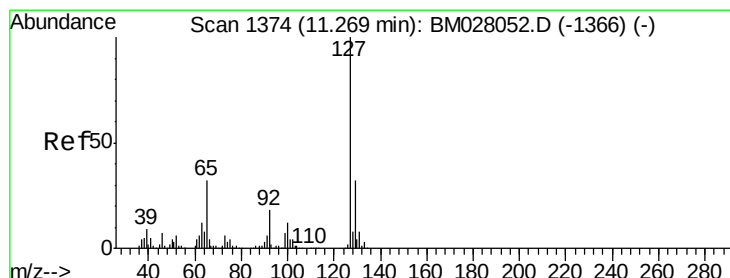
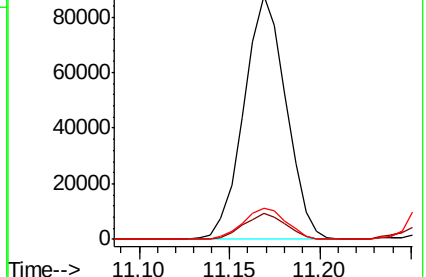
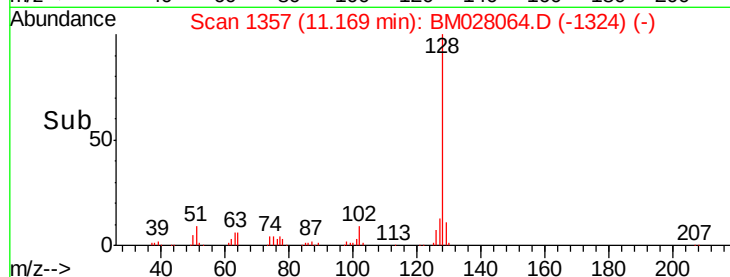
127 12.9 10.4 15.6



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



#32

4-Chloroaniline

Concen: 2.733 ng/ul

RT: 11.27 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BM028064.D

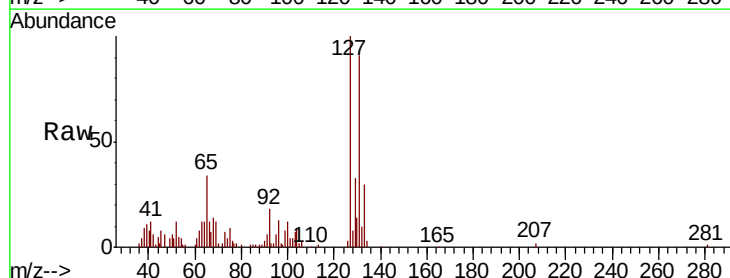
Acq: 07 Dec 2020 18:21

Tgt Ion:127 Resp: 54871

Ion Ratio Lower Upper

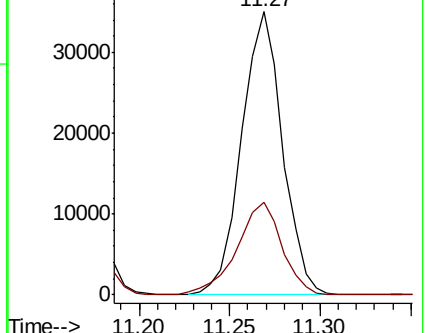
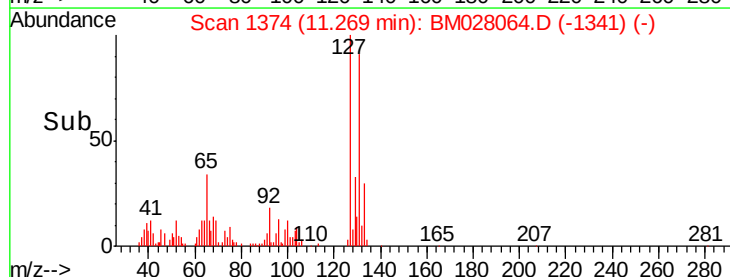
127 100

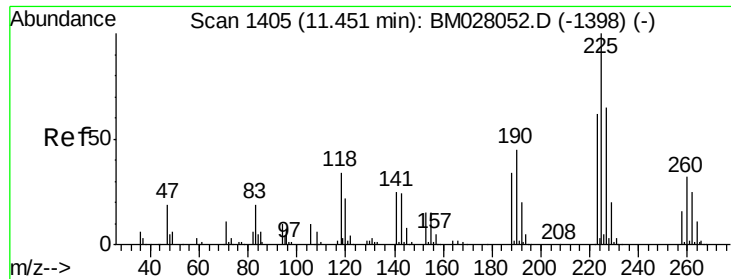
129 32.6 26.2 39.4



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 2.569 ng/ul

RT: 11.45 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

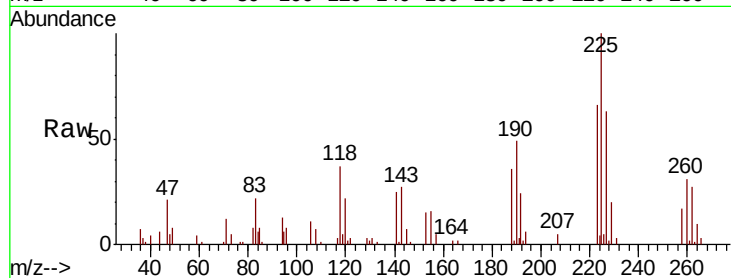
Tot Ion:225 Resp: 24948

Ion Ratio Lower Upper

225 100

223 66.5 50.3 75.5

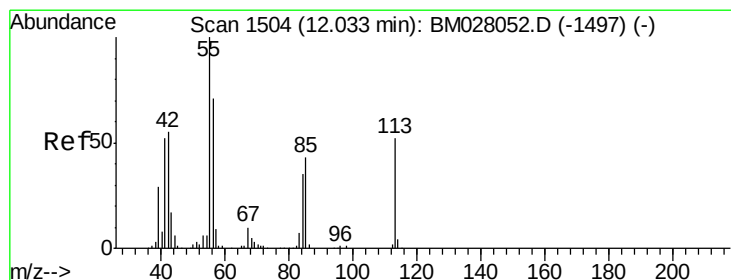
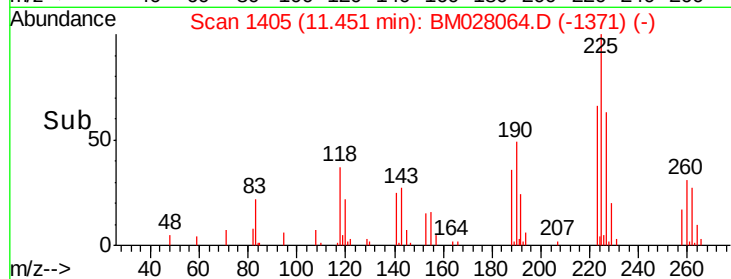
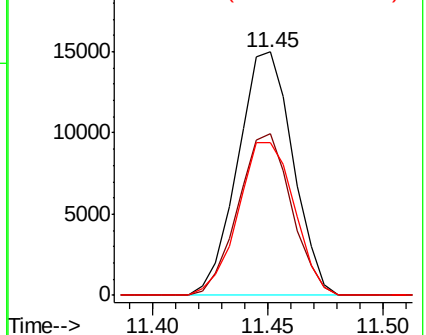
227 62.7 50.6 75.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#34

Caprolactam

Concen: 0.971 ng/ul

RT: 12.05 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

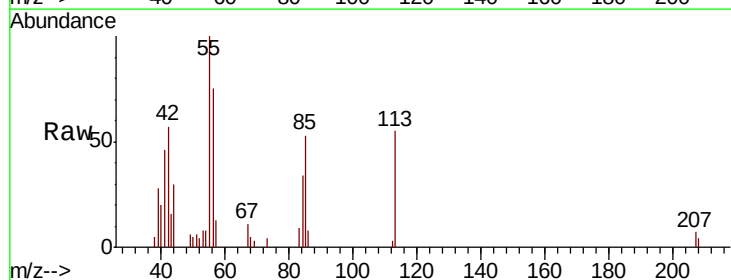
Tgt Ion:113 Resp: 4151

Ion Ratio Lower Upper

113 100

55 183.2 145.0 217.6

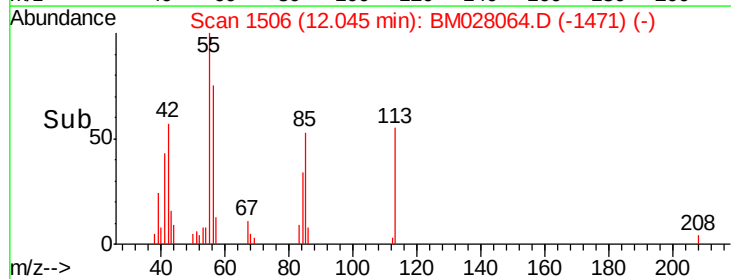
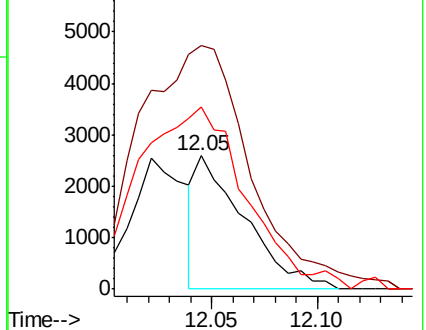
56 137.1 109.8 164.6

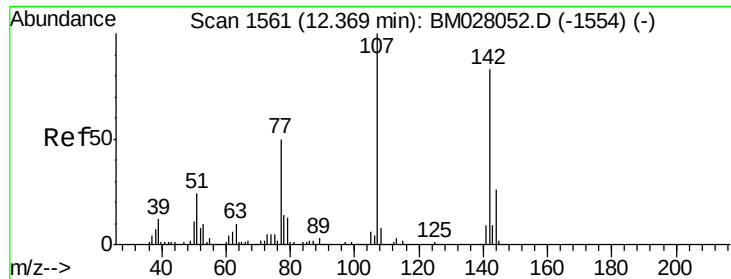


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

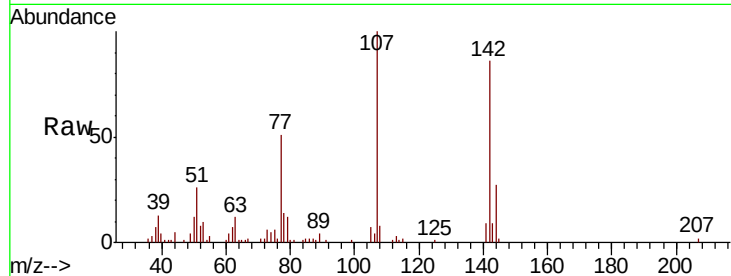




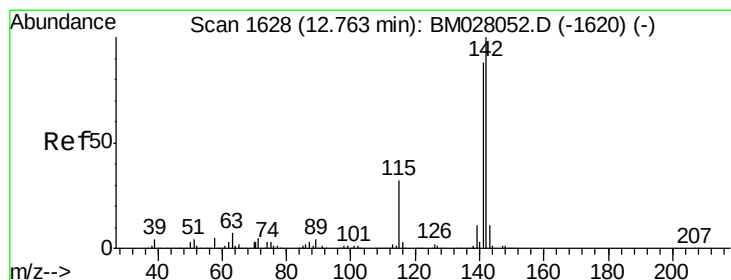
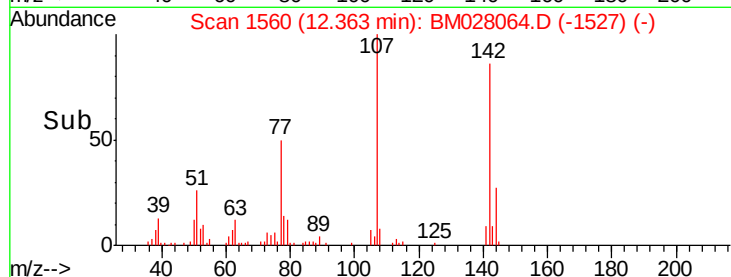
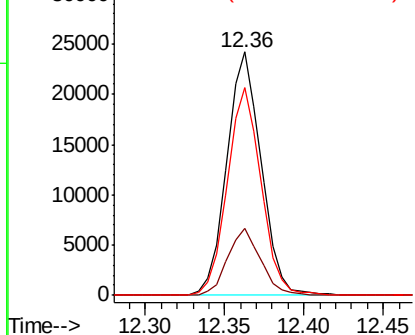
#35
 4-Chloro-3-methylphenol
 Concen: 2.447 ng/ul
 RT: 12.36 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:107 Resp: 36404
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.8 32.8
 142 85.6 66.7 100.1

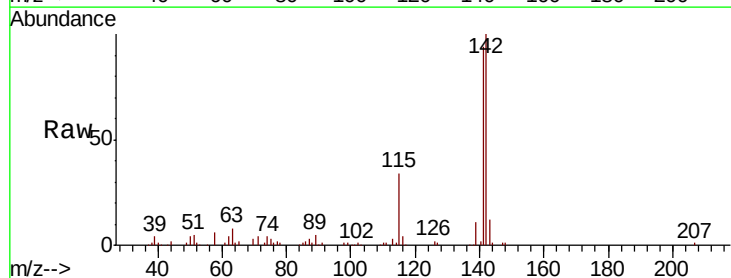


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

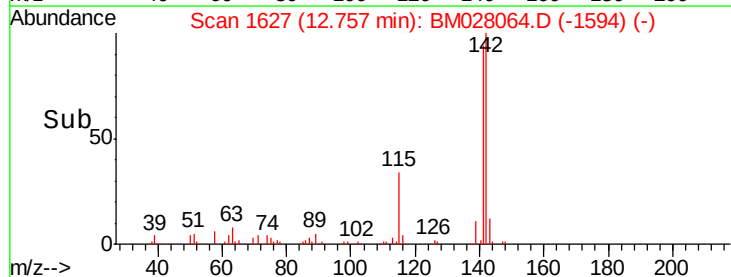
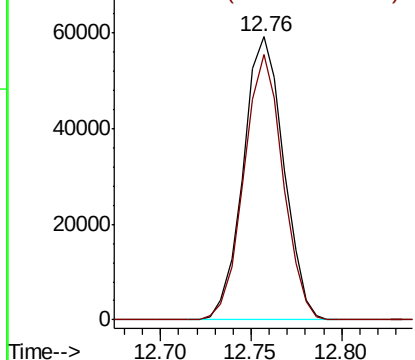


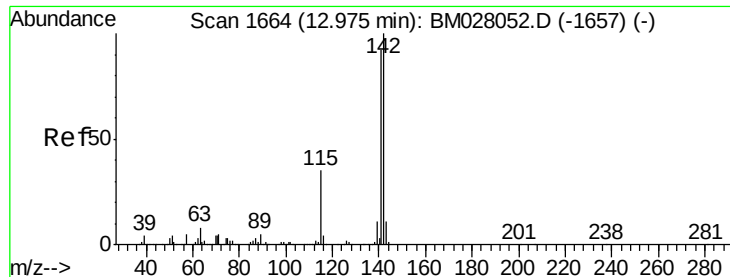
#36
 2-Methylnaphthalene
 Concen: 2.570 ng/ul
 RT: 12.76 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Tgt Ion:142 Resp: 91922
 Ion Ratio Lower Upper
 142 100
 141 93.9 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

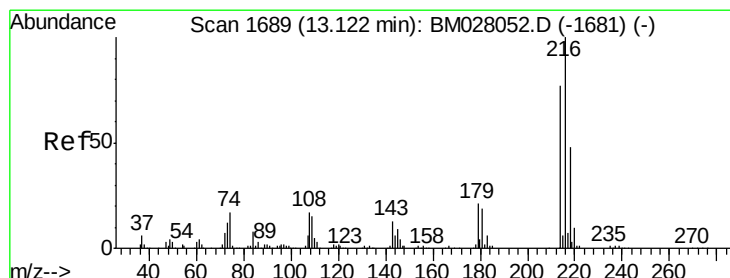
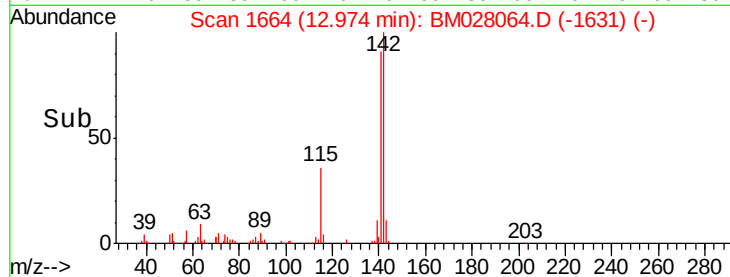
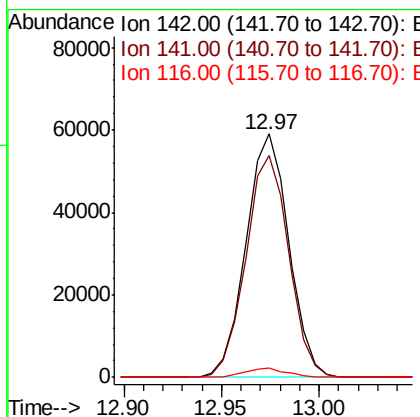
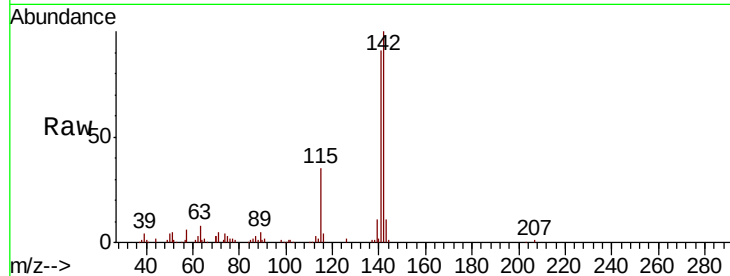




#37
 1-Methylnaphthalene
 Concen: 2.605 ng/ul
 RT: 12.97 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

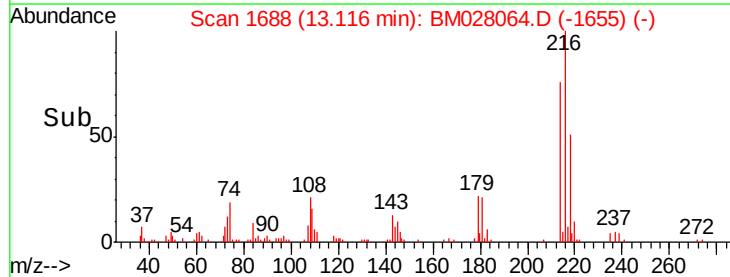
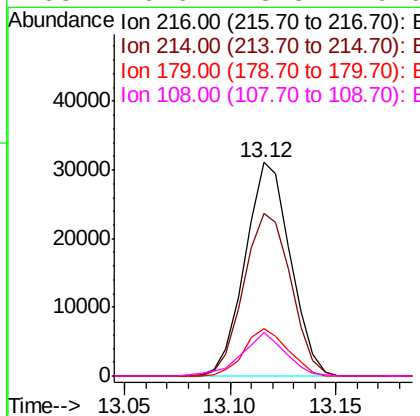
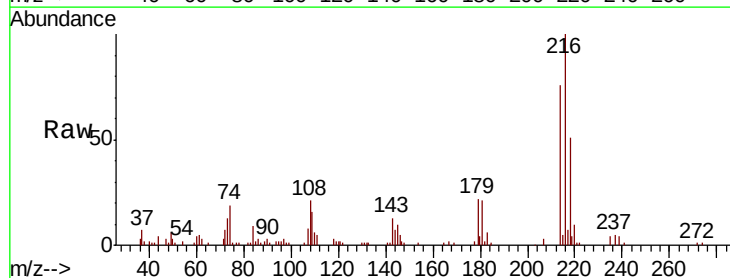
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-05

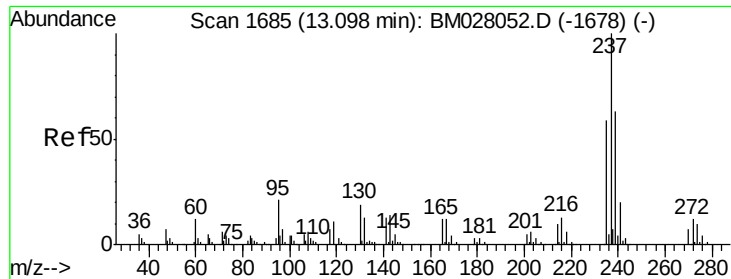
Tot Ion:142 Resp: 89578
 Ion Ratio Lower Upper
 142 100
 141 91.3 74.2 111.2
 116 3.9 2.9 4.3



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.453 ng/ul
 RT: 13.12 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Tgt Ion:216 Resp: 46364
 Ion Ratio Lower Upper
 216 100
 214 76.0 63.7 95.5
 179 22.4 16.1 24.1
 108 20.6 13.8 20.6





#40

Hexachlorocyclopentadiene

Concen: 1.851 ng/ul

RT: 13.10 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

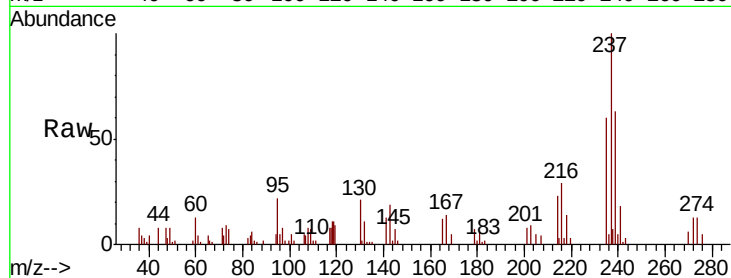
Tot Ion:237 Resp: 19936

Ion Ratio Lower Upper

237 100

235 59.5 49.6 74.4

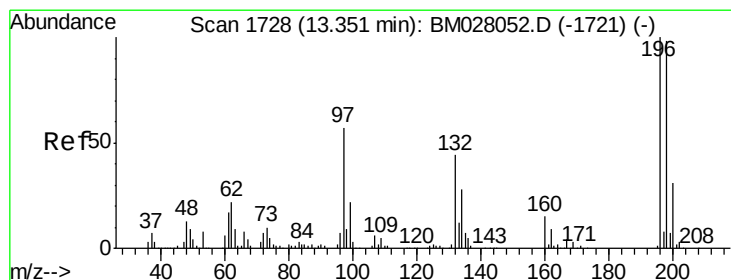
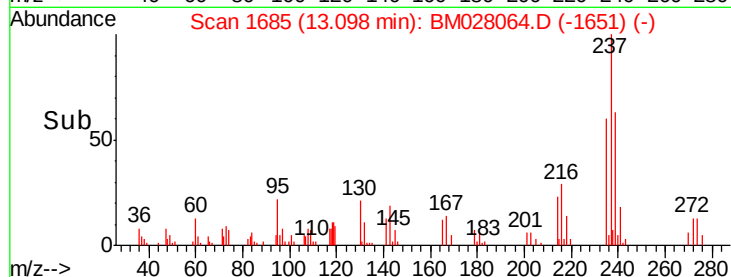
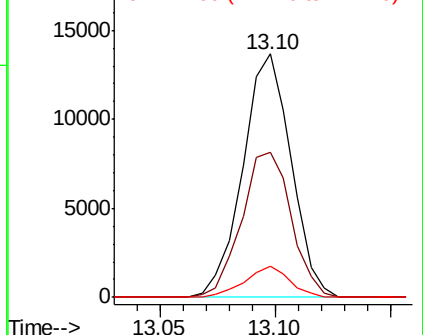
272 13.0 10.6 15.8



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#41

2,4,6-Trichlorophenol

Concen: 2.259 ng/ul

RT: 13.35 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

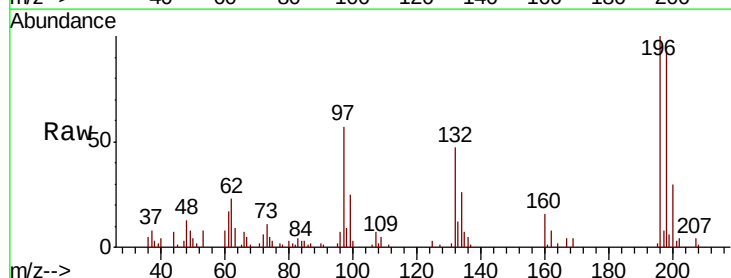
Tgt Ion:196 Resp: 25582

Ion Ratio Lower Upper

196 100

198 92.9 78.3 117.5

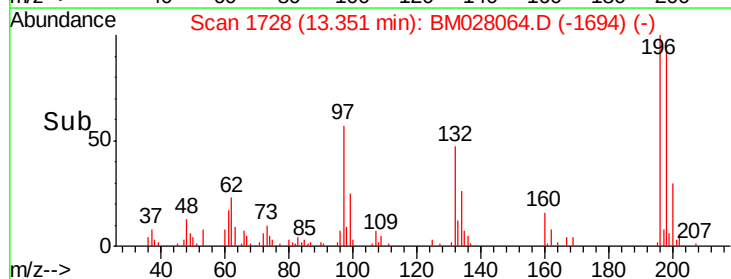
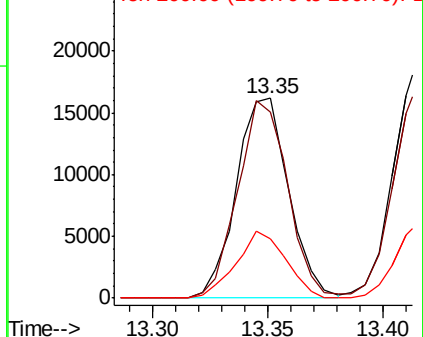
200 29.9 26.4 39.6

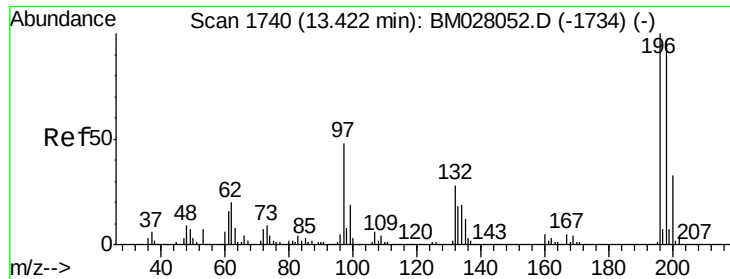


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

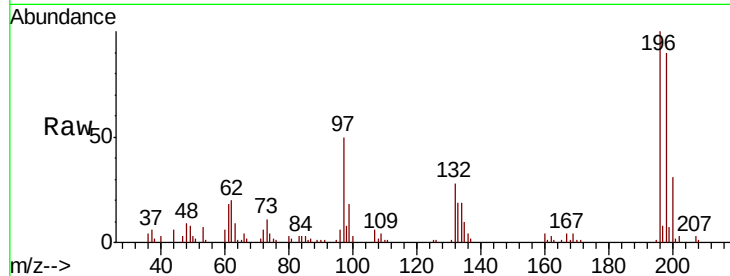




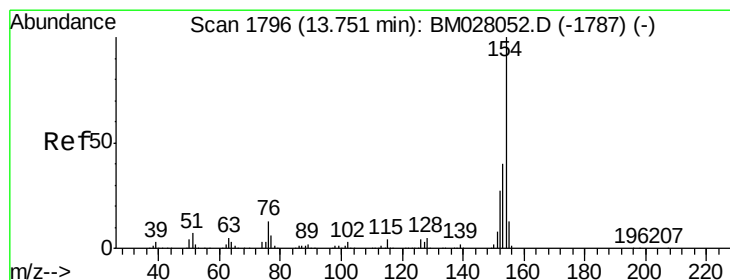
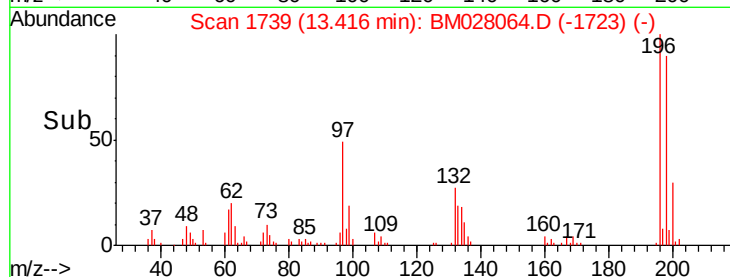
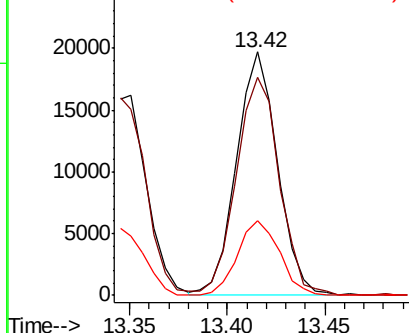
#42
 2,4,5-Trichlorophenol
 Concen: 2.365 ng/ul
 RT: 13.42 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:196 Resp: 28760
 Ion Ratio Lower Upper
 196 100
 198 89.7 77.8 116.8
 200 30.6 24.2 36.2

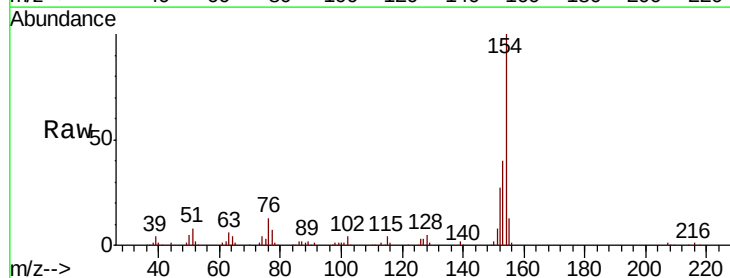


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

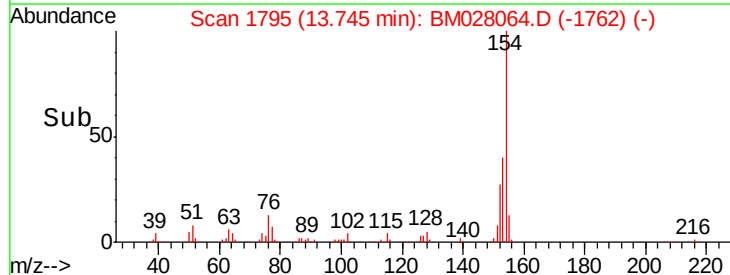
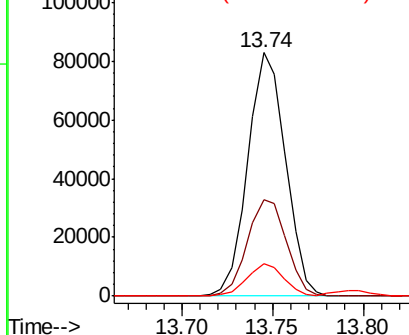


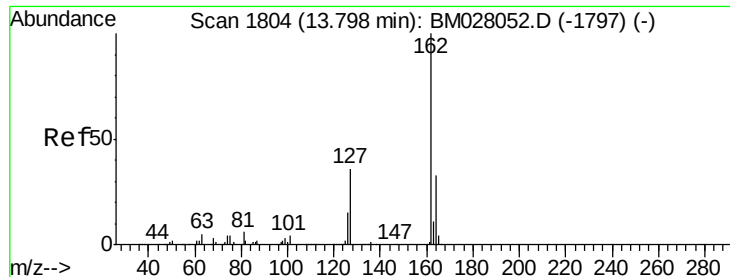
#43
 1,1'-Biphenyl
 Concen: 2.526 ng/ul
 RT: 13.74 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Tgt Ion:154 Resp: 120200
 Ion Ratio Lower Upper
 154 100
 153 39.8 31.9 47.9
 76 13.5 10.6 15.8



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

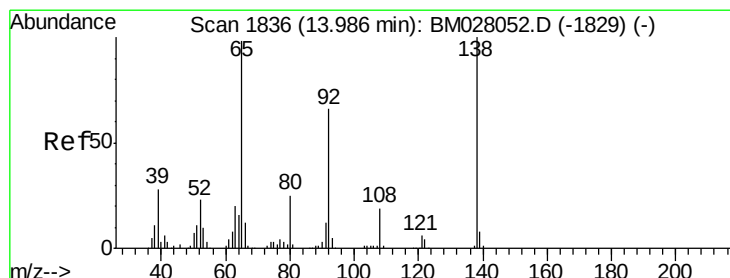
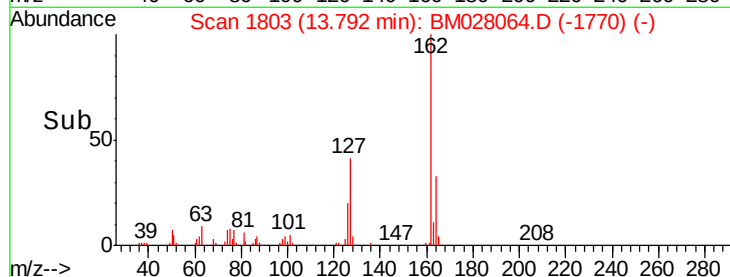
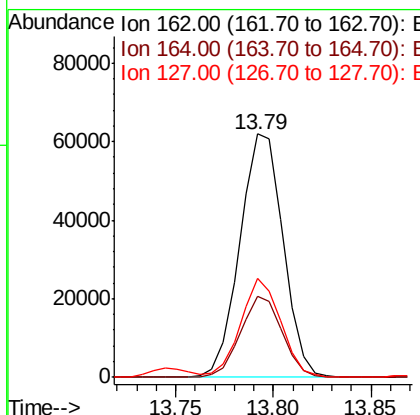
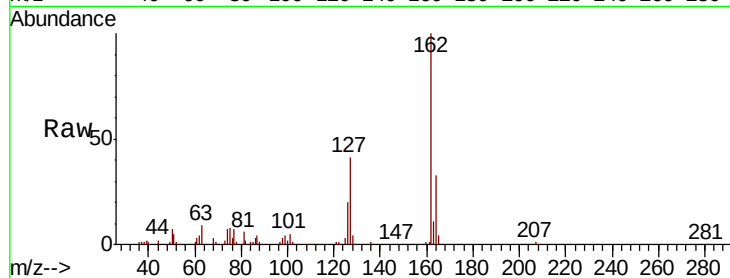




#44
2-Chloronaphthalene
Concen: 2.536 ng/ul
RT: 13.79 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

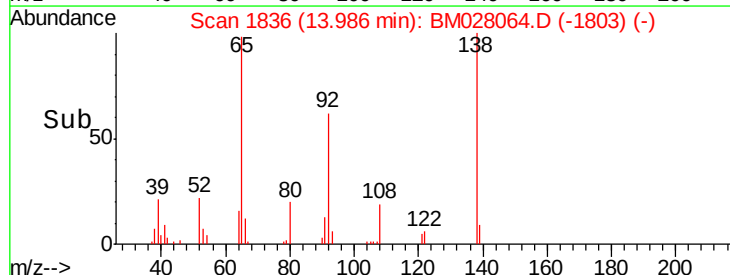
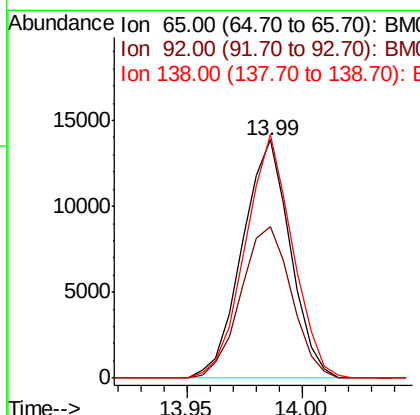
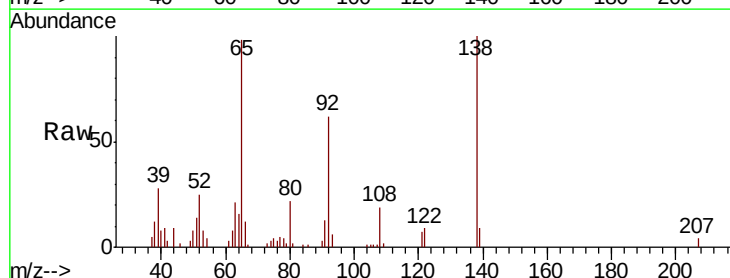
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-05

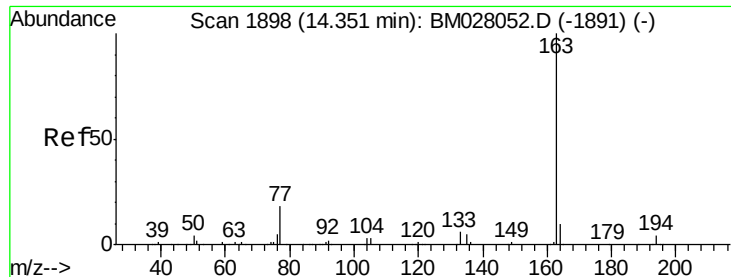
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.1	27.0	40.6
127	40.7	30.8	46.2



#45
2-Nitroaniline
Concen: 2.162 ng/ul
RT: 13.99 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	55.0	82.6
138	102.2	83.8	125.6

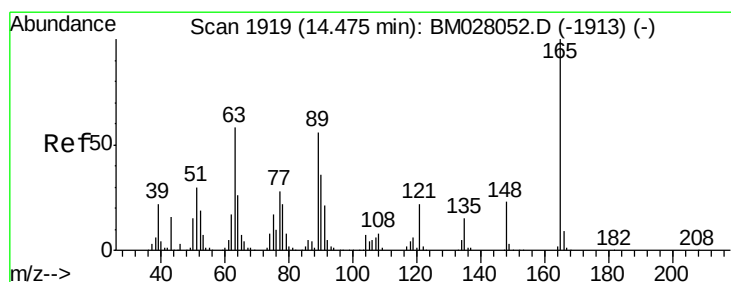
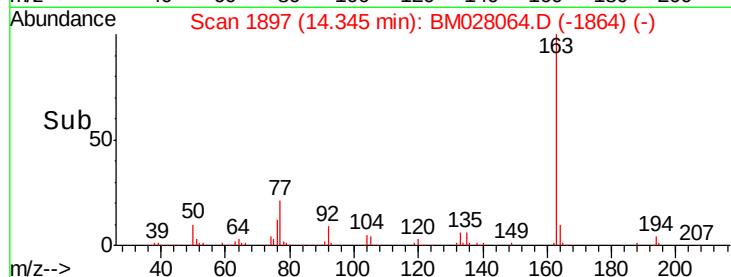
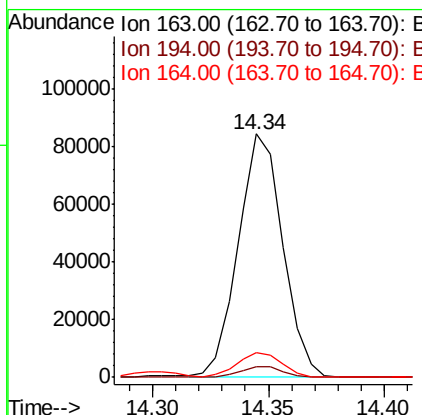
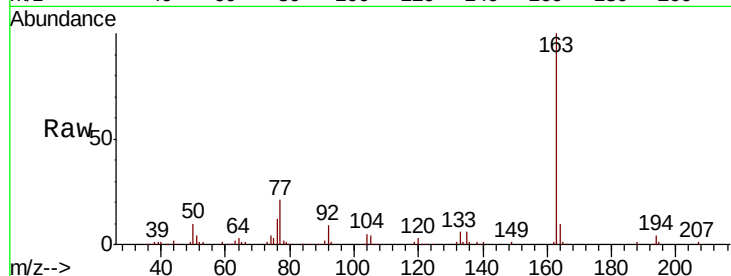




#47
Dimethylphthalate
Concen: 2.682 ng/ul
RT: 14.34 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

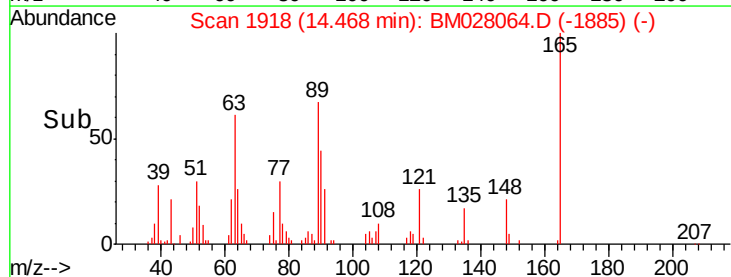
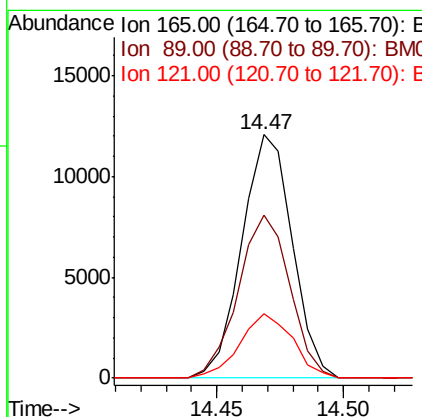
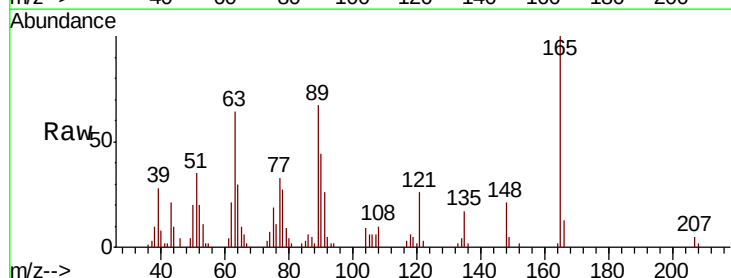
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-05

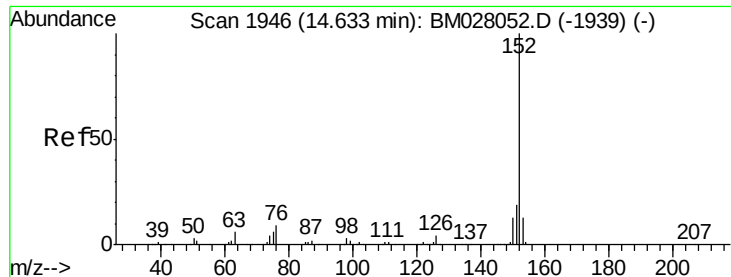
Tot Ion:163 Resp: 113912
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 10.1 7.8 11.6



#48
2,6-Dinitrotoluene
Concen: 2.080 ng/ul
RT: 14.47 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Tgt Ion:165 Resp: 16774
Ion Ratio Lower Upper
165 100
89 66.8 48.0 72.0
121 26.4 18.0 27.0





#50

Acenaphthylene

Concen: 2.533 ng/ul

RT: 14.63 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

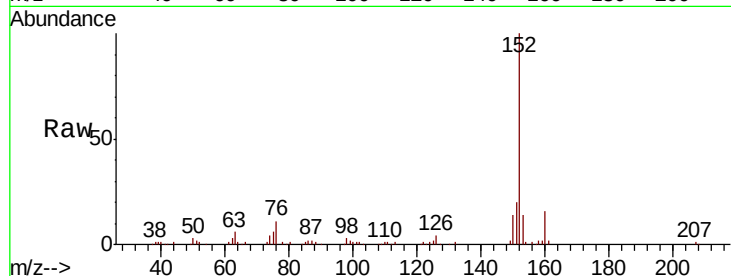
Tot Ion:152 Resp: 138469

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3

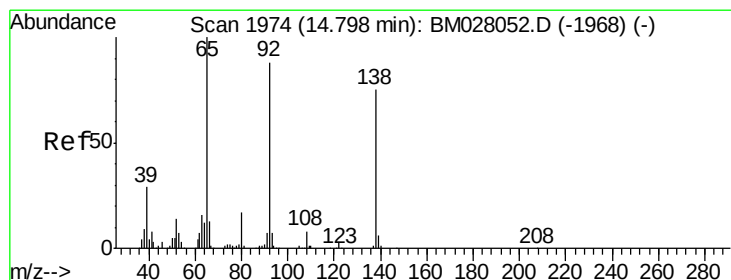
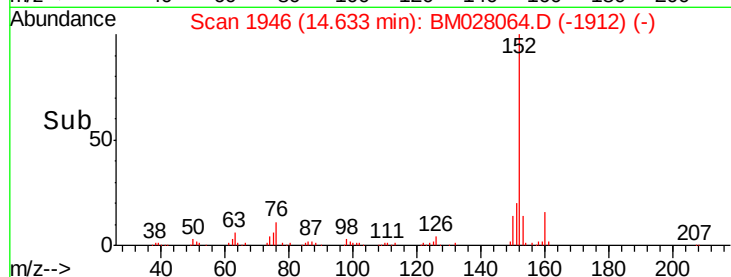
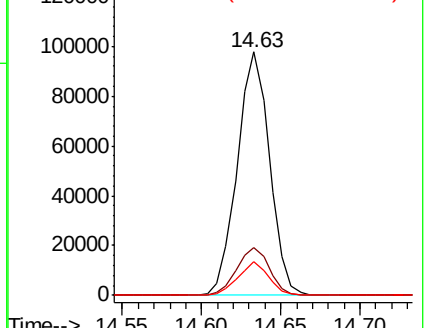
153 13.7 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

3-Nitroaniline

Concen: 2.281 ng/ul

RT: 14.80 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

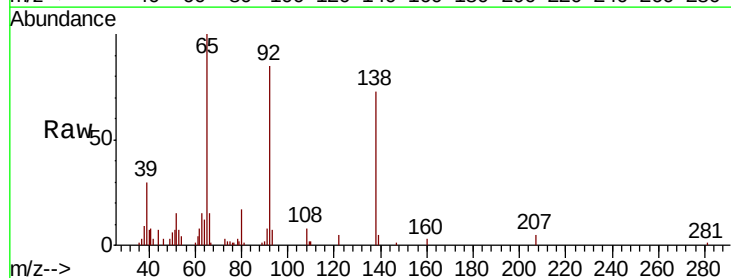
Tgt Ion:138 Resp: 18259

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.6

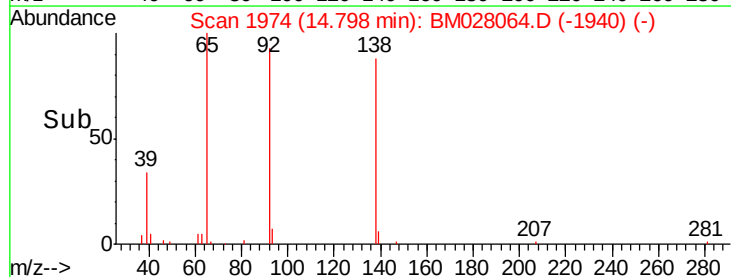
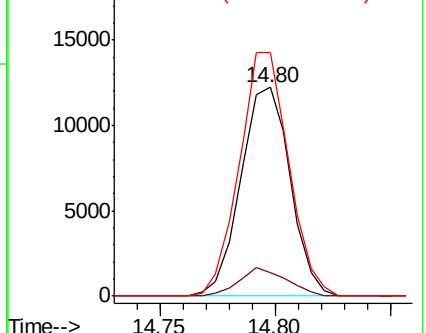
92 116.7 91.9 137.9

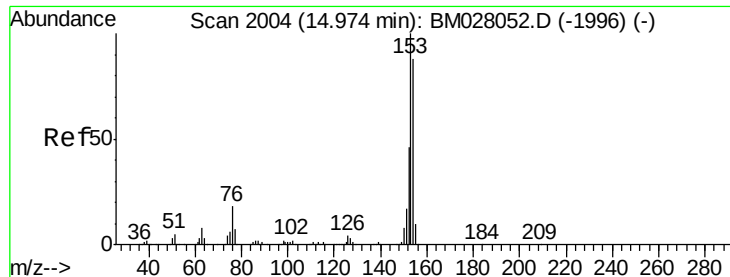


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#52

Acenaphthene

Concen: 2.509 ng/ul

RT: 14.97 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

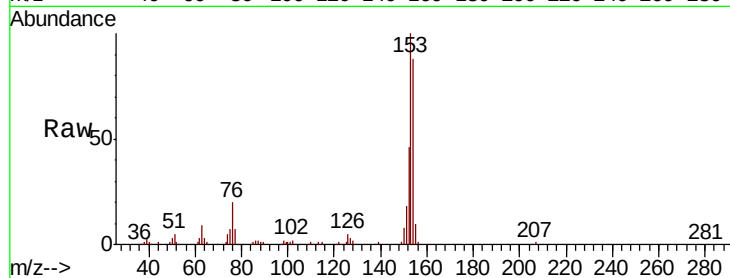
Tot Ion:153 Resp: 98409

Ion Ratio Lower Upper

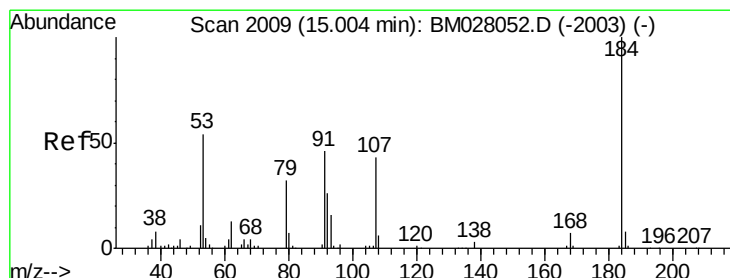
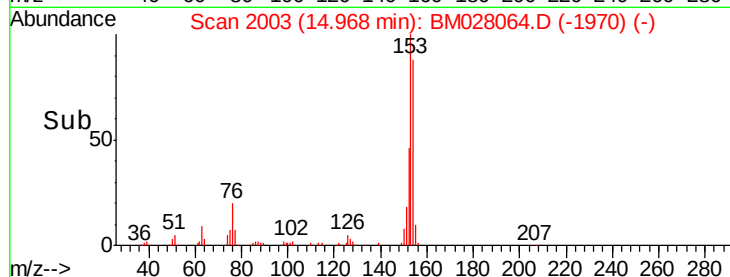
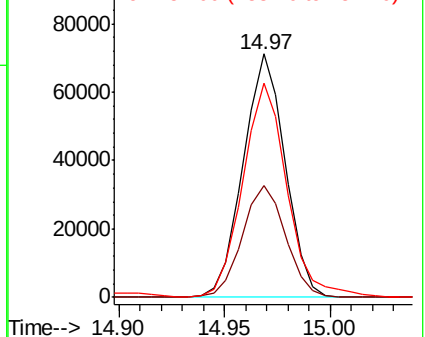
153 100

152 45.9 36.8 55.2

154 88.2 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

2,4-Dinitrophenol

Concen: 1.377 ng/ul

RT: 15.00 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

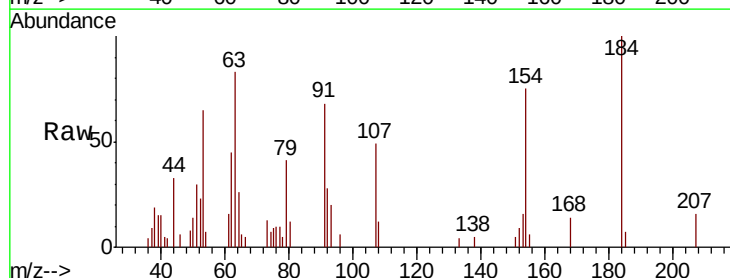
Tgt Ion:184 Resp: 6386

Ion Ratio Lower Upper

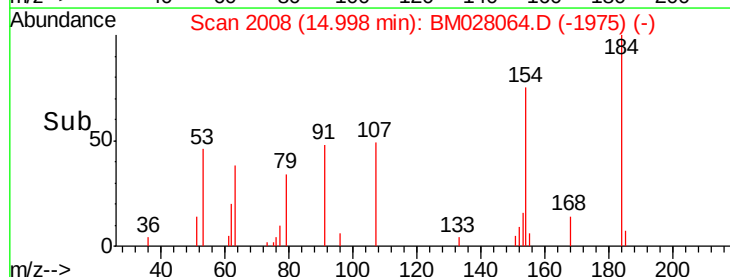
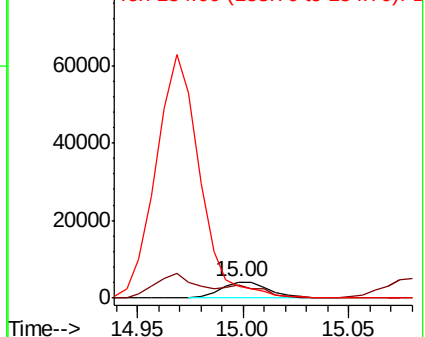
184 100

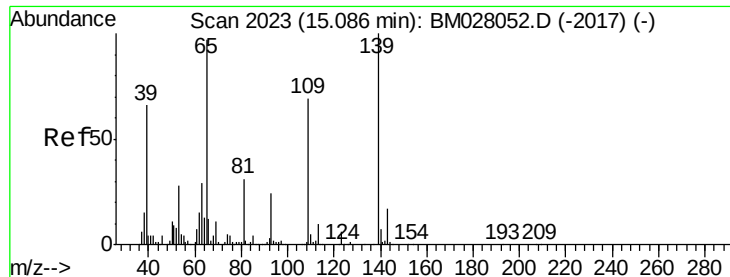
63 82.7 59.8 89.6

154 75.5 54.7 82.1



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

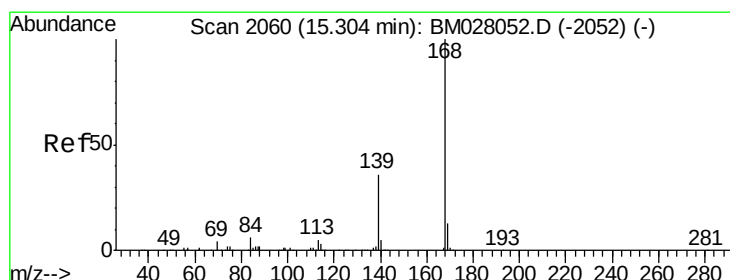
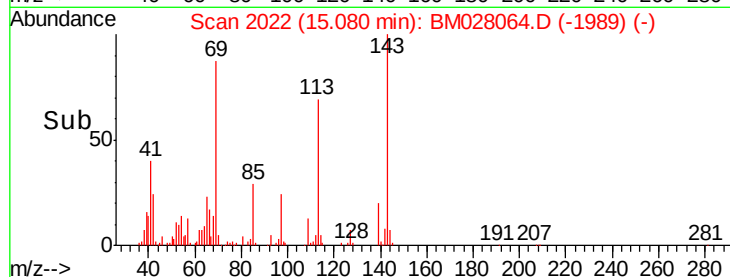
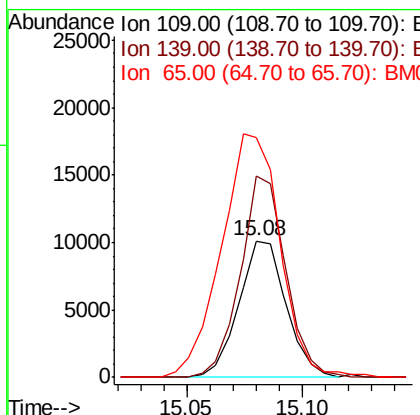
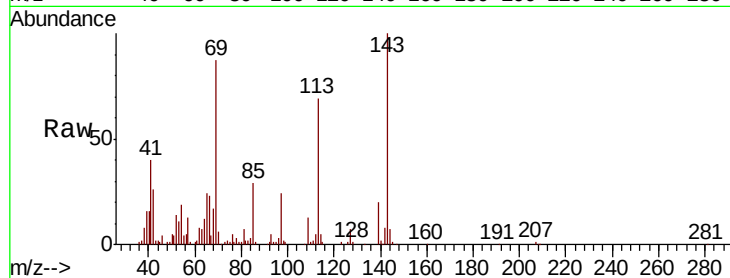




#55
4-Nitrophenol
Concen: 2.479 ng/ul
RT: 15.08 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

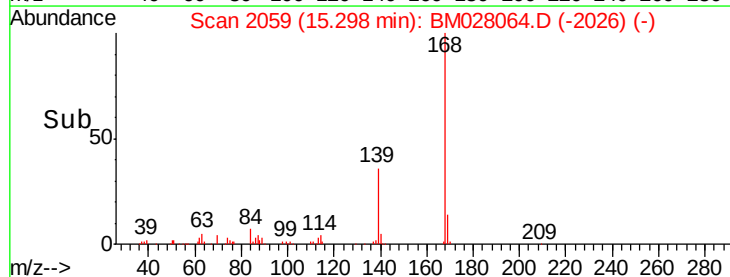
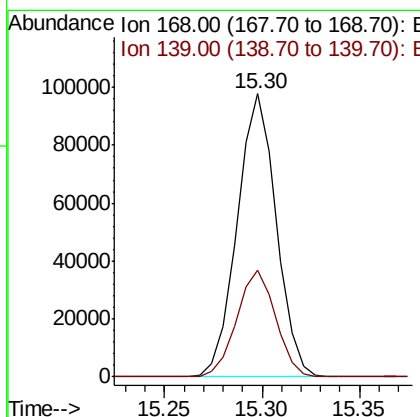
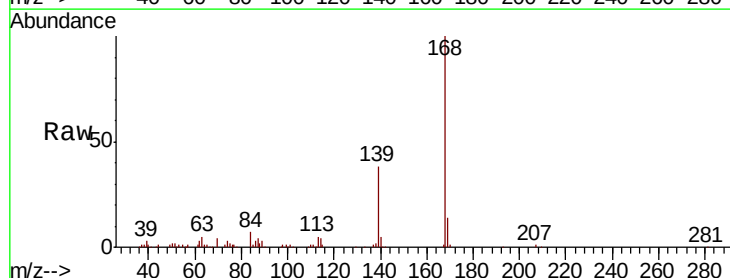
Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-05

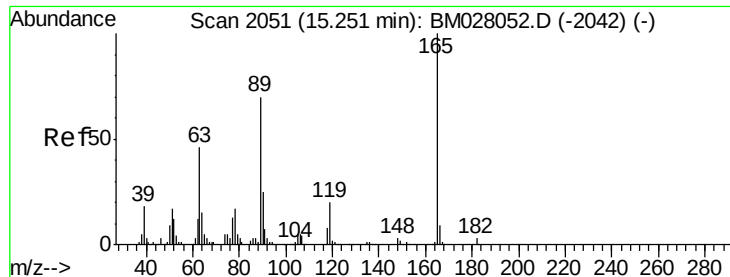
Tot Ion:109 Resp: 14445
Ion Ratio Lower Upper
109 100
139 147.7 109.8 164.6
65 175.5 116.3 174.5#



#56
Dibenzofuran
Concen: 2.549 ng/ul
RT: 15.30 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Tgt Ion:168 Resp: 135425
Ion Ratio Lower Upper
168 100
139 37.7 29.2 43.8





#57

2,4-Dinitrotoluene

Concen: 2.175 ng/ul

RT: 15.25 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

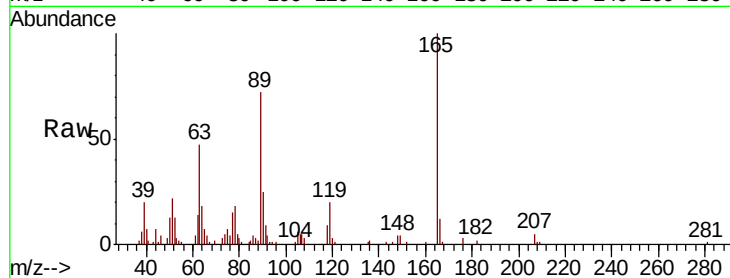
Tot Ion:165 Resp: 24578

Ion Ratio Lower Upper

165 100

63 47.4 33.3 49.9

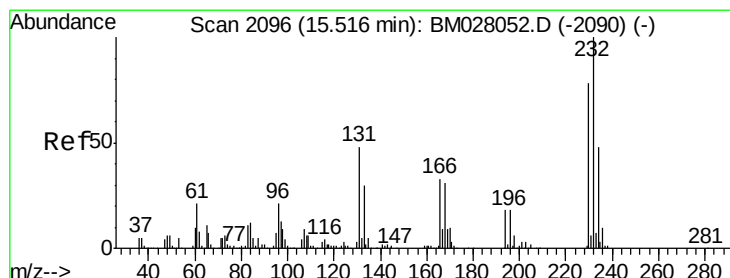
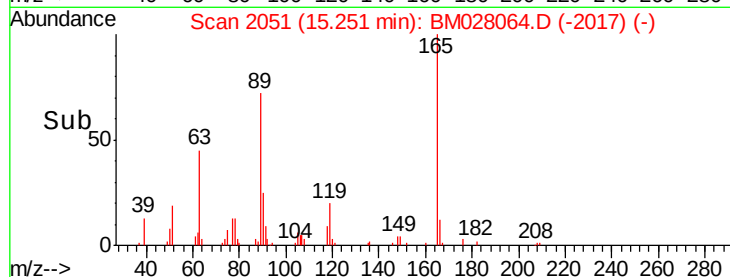
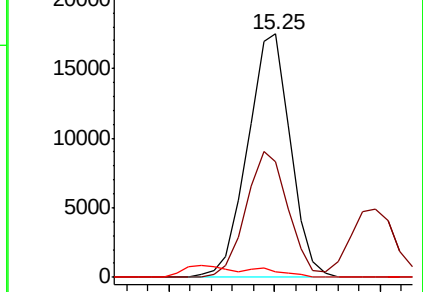
182 2.4 2.5 3.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.309 ng/ul

RT: 15.52 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Tgt Ion:232 Resp: 22557

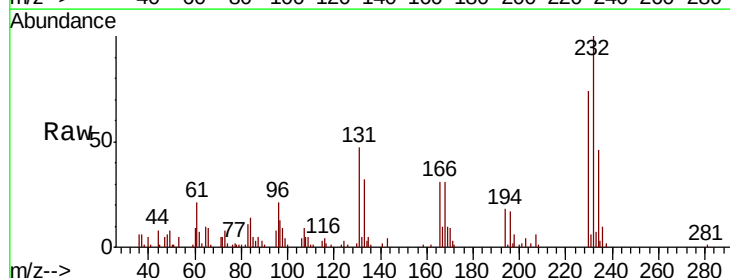
Ion Ratio Lower Upper

232 100

131 47.4 36.6 54.8

130 2.4 2.0 3.0

166 31.1 25.0 37.4

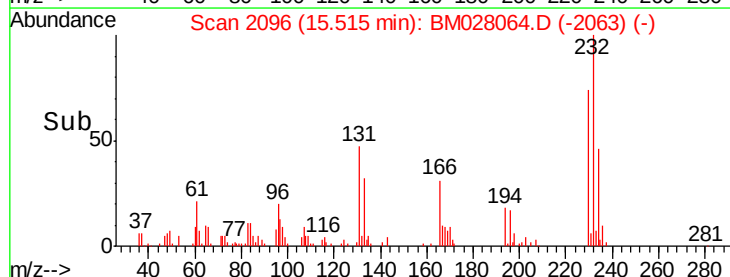
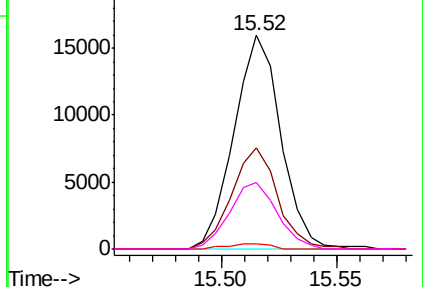


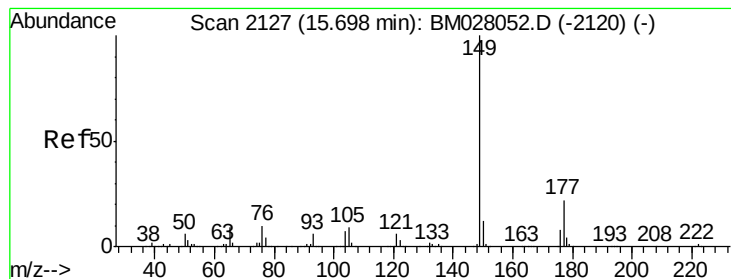
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 2.561 ng/ul

RT: 15.69 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

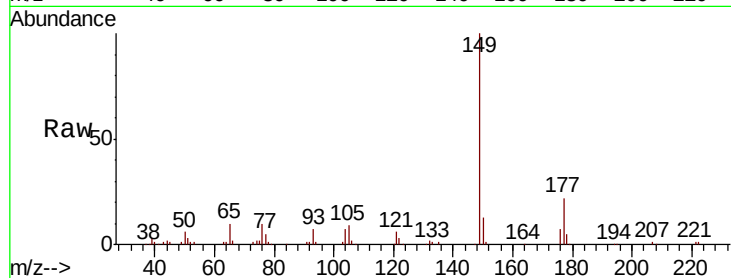
Tot Ion:149 Resp: 106562

Ion Ratio Lower Upper

149 100

177 21.9 17.4 26.0

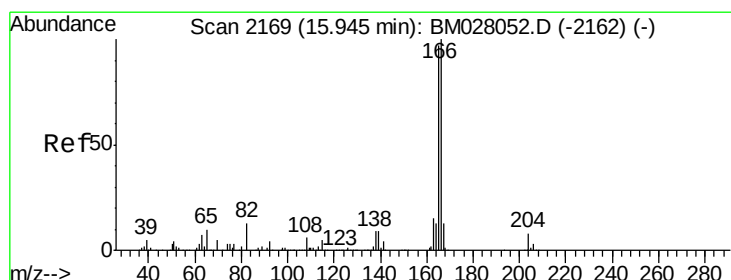
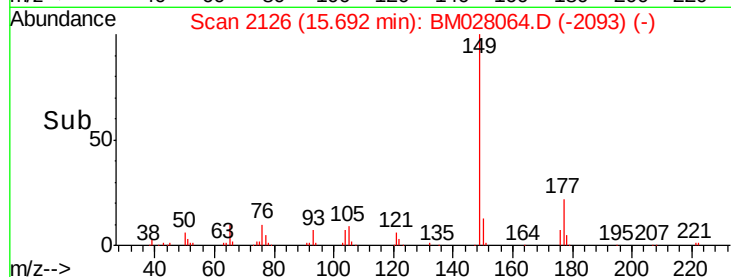
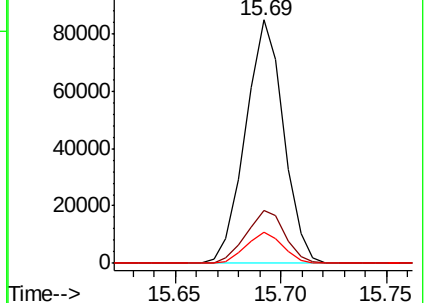
150 12.6 10.1 15.1



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



#61

Fluorene

Concen: 2.587 ng/ul

RT: 15.94 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

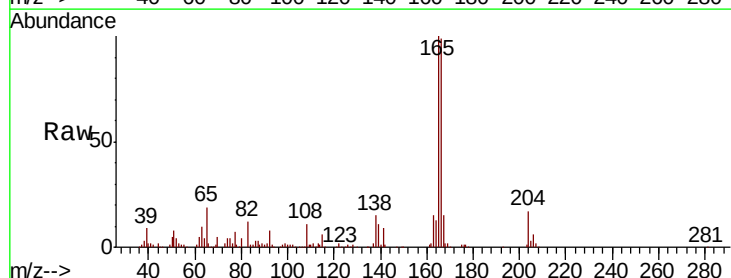
Tgt Ion:166 Resp: 112215

Ion Ratio Lower Upper

166 100

165 101.1 77.5 116.3

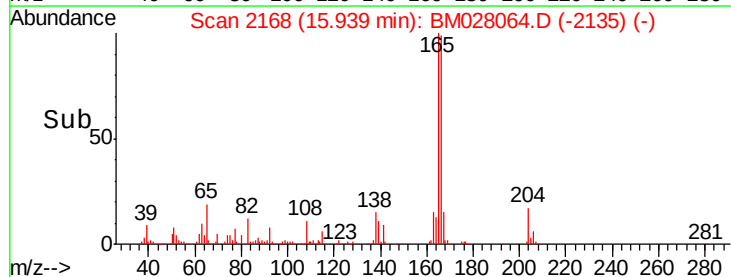
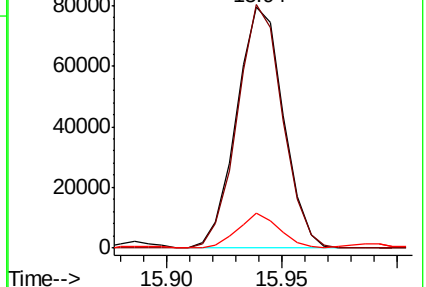
167 14.8 10.6 16.0

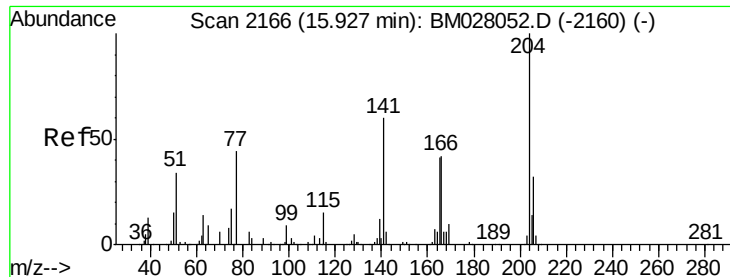


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

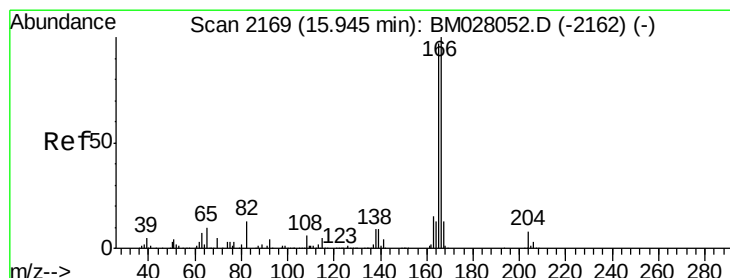
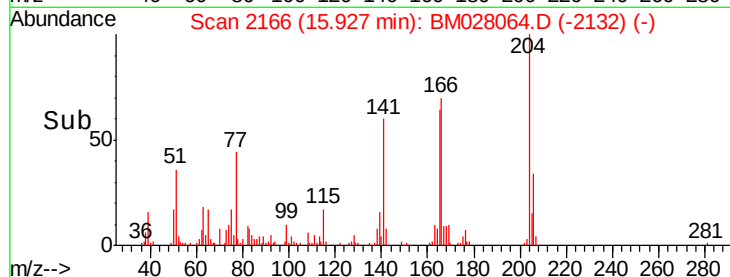
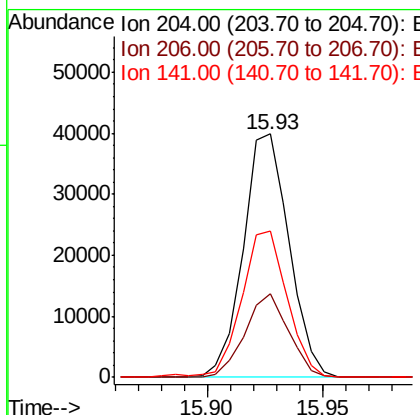
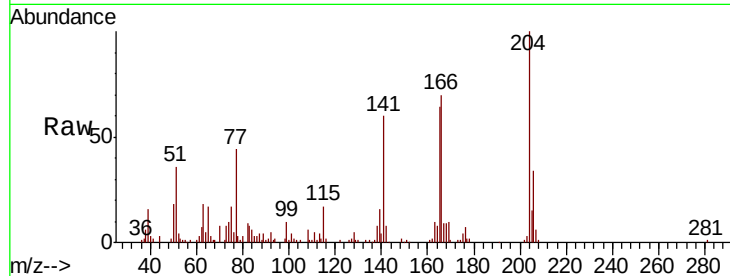




#62
 4-Chlorophenyl-phenylether
 Concen: 2.600 ng/ul
 RT: 15.93 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

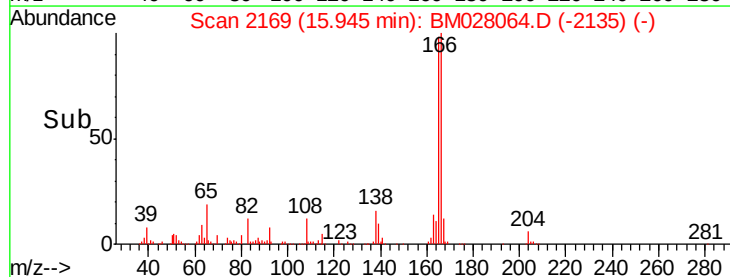
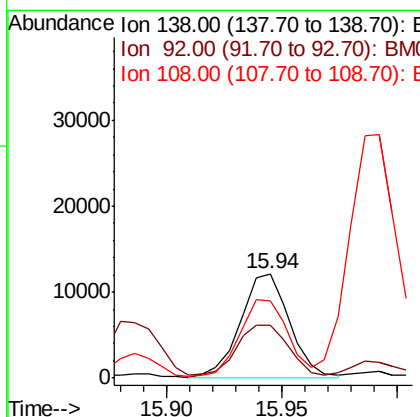
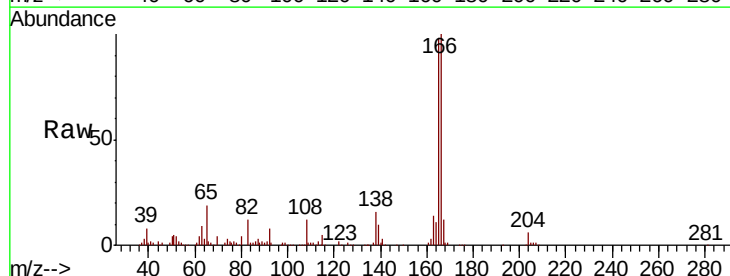
Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-05

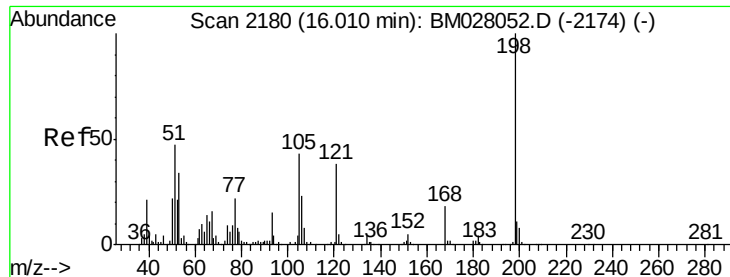
Tot Ion:204 Resp: 55221
 Ion Ratio Lower Upper
 204 100
 206 34.1 25.8 38.8
 141 60.3 46.2 69.2



#63
 4-Nitroaniline
 Concen: 2.552 ng/ul
 RT: 15.94 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Tgt Ion:138 Resp: 18098
 Ion Ratio Lower Upper
 138 100
 92 50.8 39.1 58.7
 108 74.2 55.9 83.9

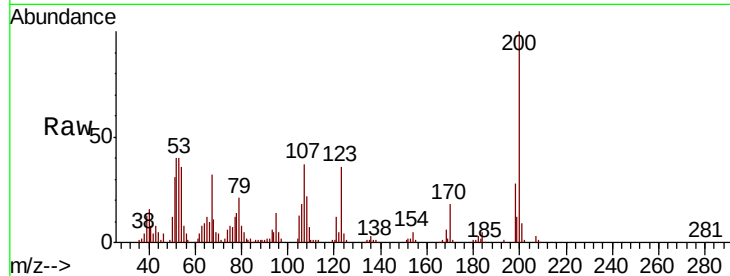




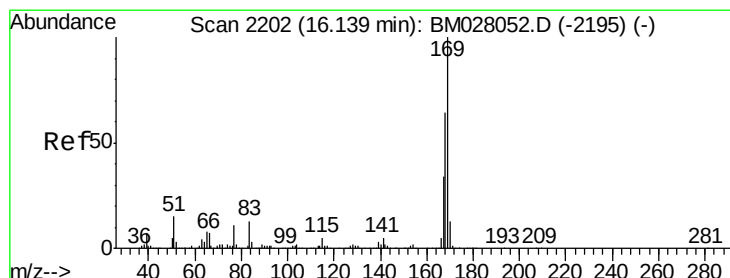
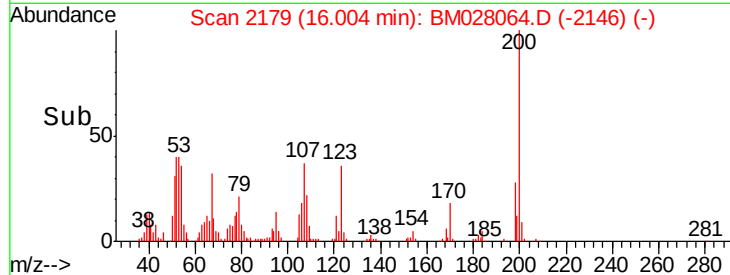
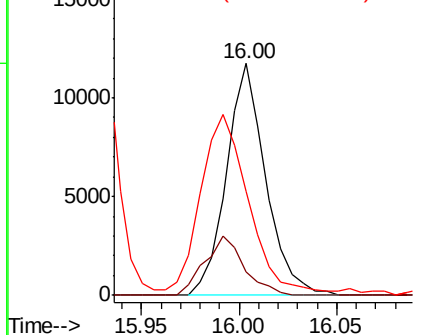
#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.346 ng/ul
 RT: 16.00 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:198 Resp: 16362
 Ion Ratio Lower Upper
 198 100
 182 10.1 3.5 5.3#
 77 45.0 20.2 30.4#

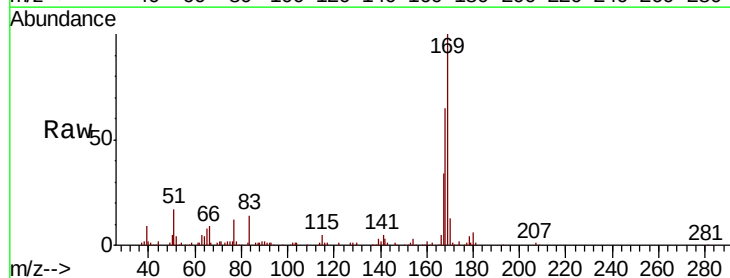


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BMO

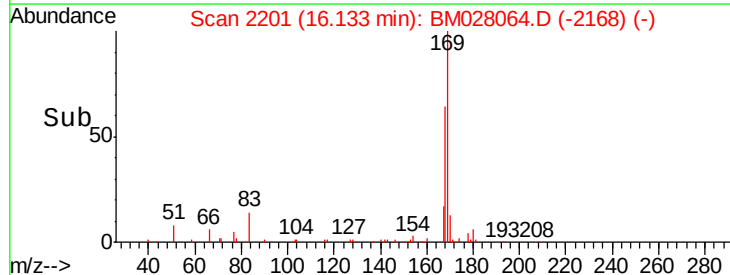
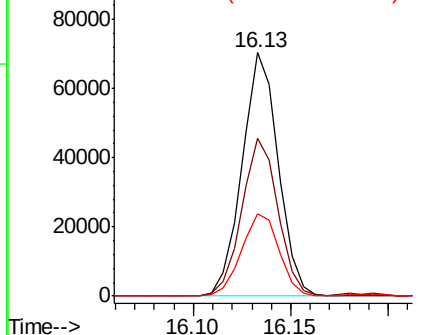


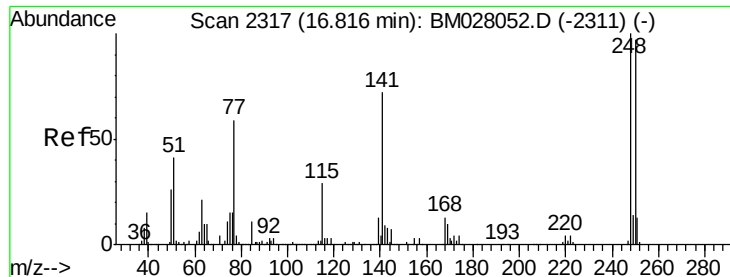
#67
 N-Nitrosodiphenylamine
 Concen: 2.513 ng/ul
 RT: 16.13 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Tgt Ion:169 Resp: 90196
 Ion Ratio Lower Upper
 169 100
 168 64.6 52.8 79.2
 167 33.6 28.8 43.2



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

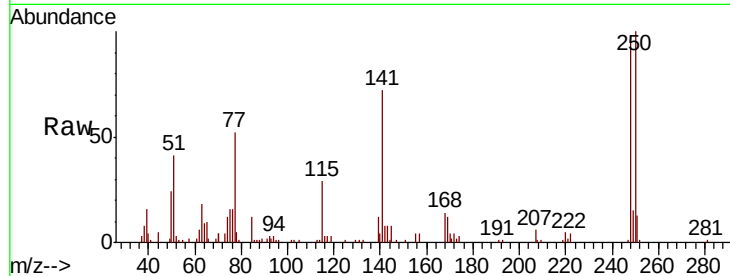




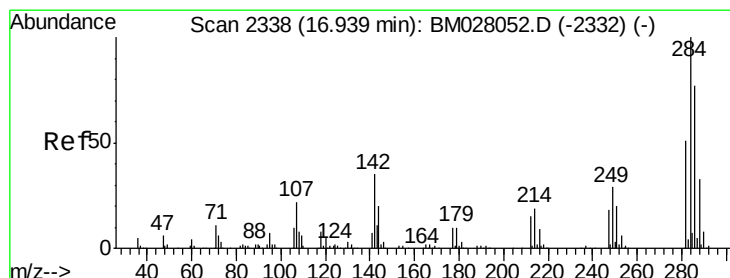
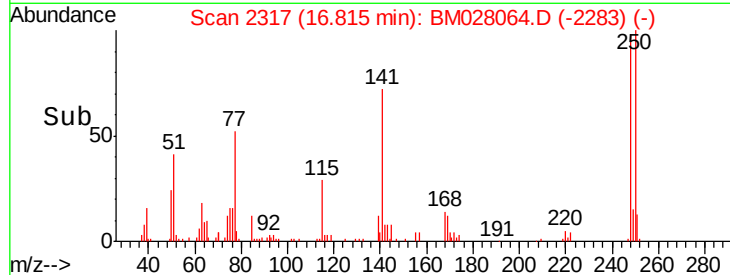
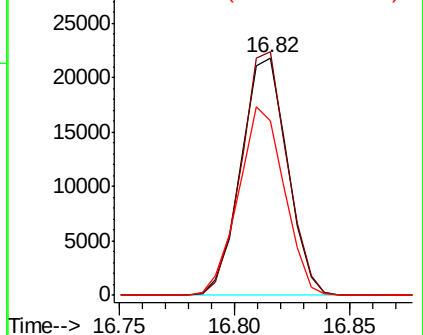
#68
4-Bromophenyl-phenylether
Concen: 2.450 ng/ul
RT: 16.82 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion:248 Resp: 30557
Ion Ratio Lower Upper
248 100
250 102.5 77.7 116.5
141 73.6 53.3 79.9

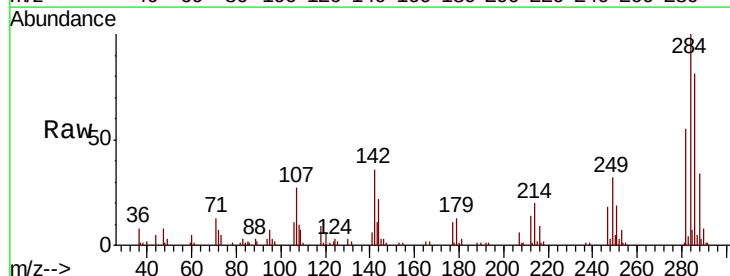


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

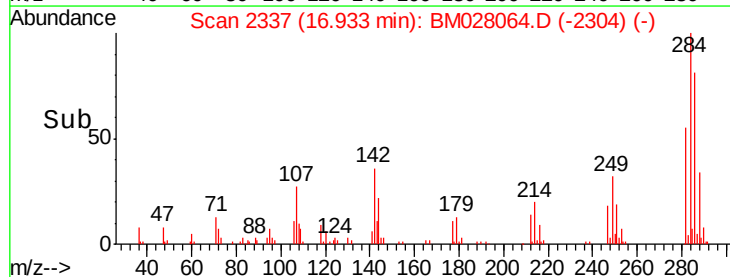
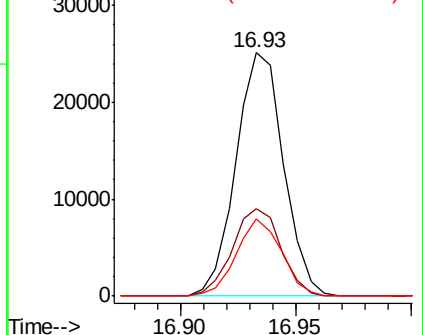


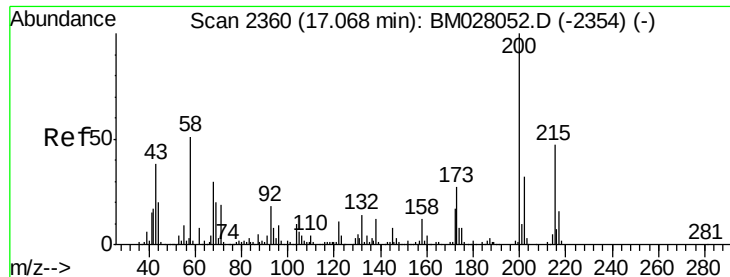
#69
Hexachlorobenzene
Concen: 2.514 ng/ul
RT: 16.93 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Tgt Ion:284 Resp: 36175
Ion Ratio Lower Upper
284 100
142 36.1 28.6 42.8
249 31.6 23.8 35.6



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





#70

Atrazine

Concen: 2.238 ng/ul

RT: 17.06 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

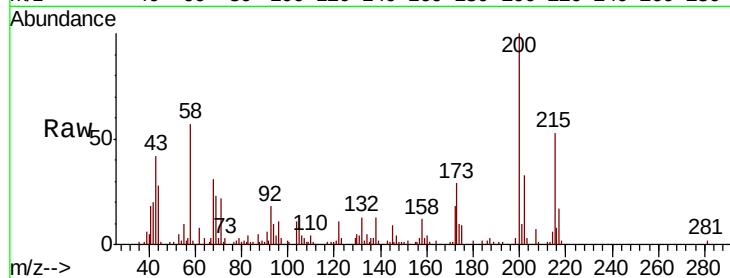
Tot Ion:200 Resp: 27179

Ion Ratio Lower Upper

200 100

173 29.0 22.3 33.5

215 52.6 38.4 57.6

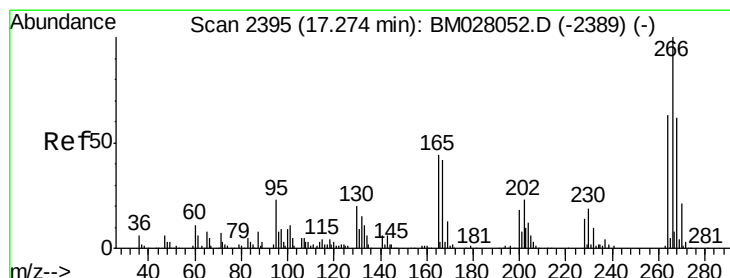
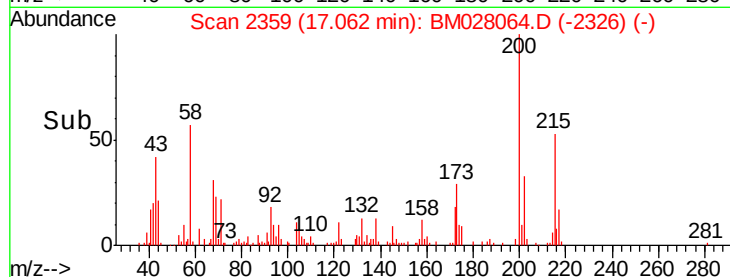
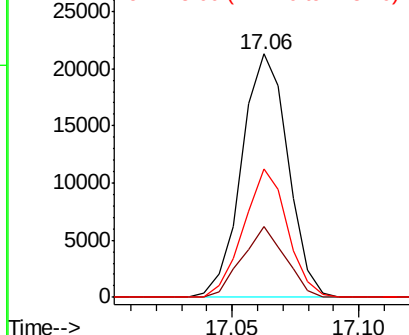


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71

Pentachlorophenol

Concen: 1.785 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

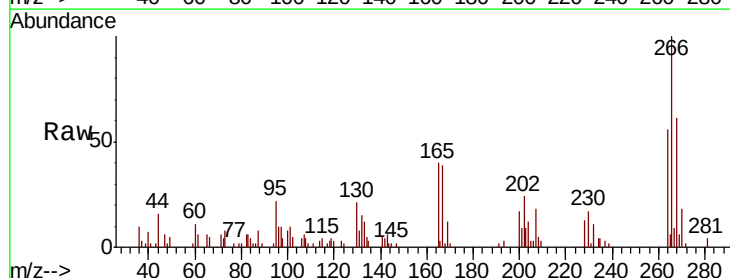
Tgt Ion:266 Resp: 14372

Ion Ratio Lower Upper

266 100

264 55.6 50.2 75.4

268 61.2 51.2 76.8

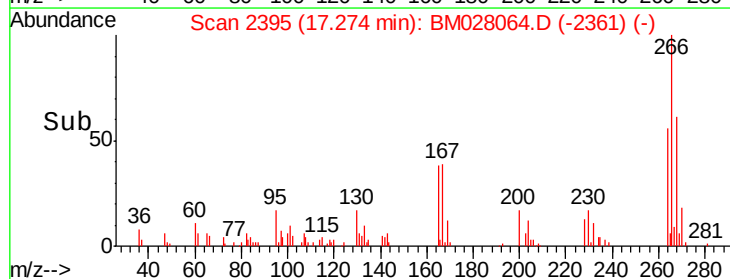
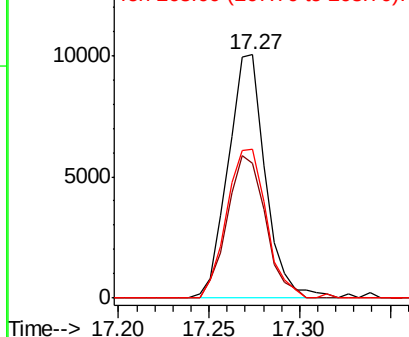


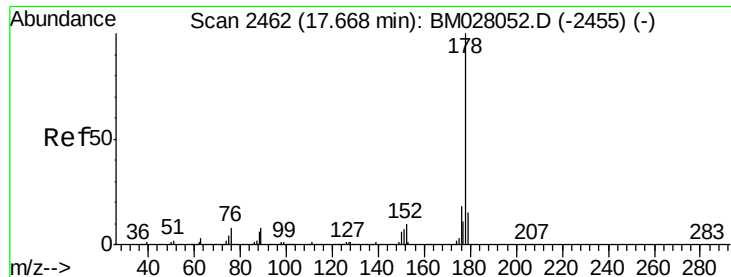
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 2.561 ng/ul

RT: 17.67 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

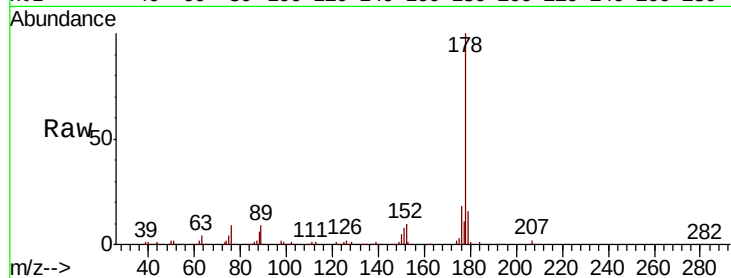
Tot Ion:178 Resp: 169945

Ion Ratio Lower Upper

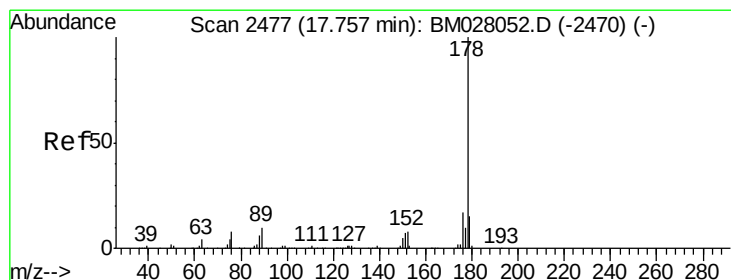
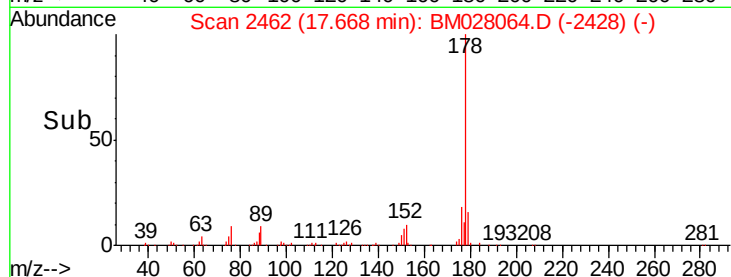
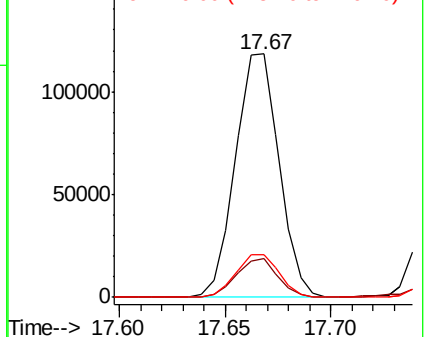
178 100

179 15.8 11.8 17.8

176 17.5 14.2 21.4



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



#74

Anthracene

Concen: 2.504 ng/ul

RT: 17.76 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

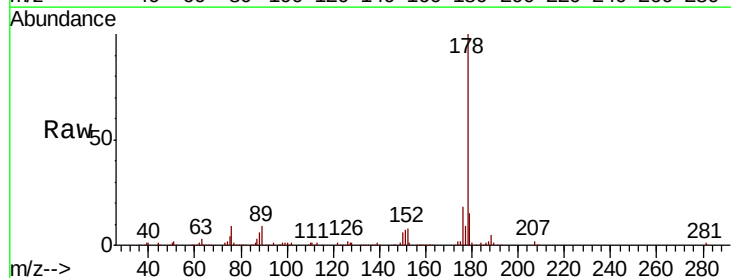
Tgt Ion:178 Resp: 169179

Ion Ratio Lower Upper

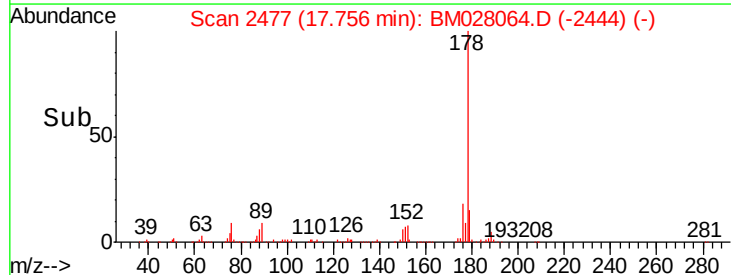
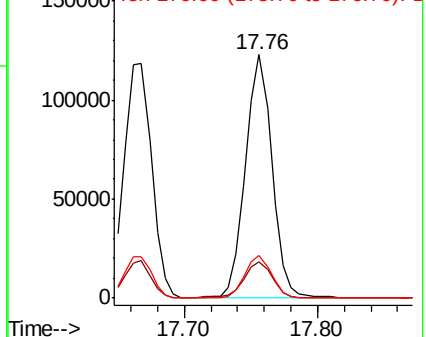
178 100

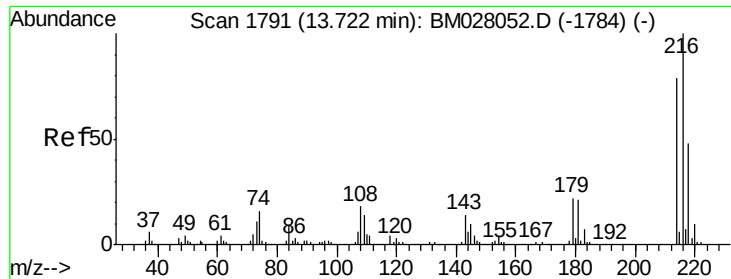
179 15.0 12.2 18.4

176 17.7 14.5 21.7



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

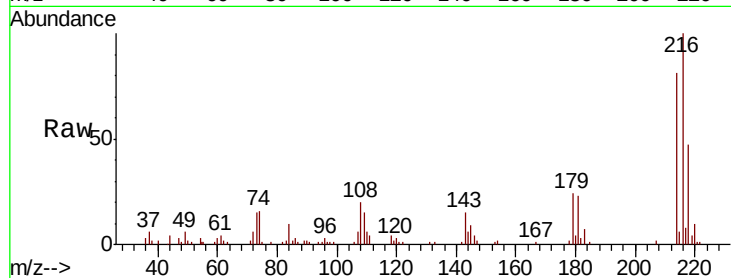




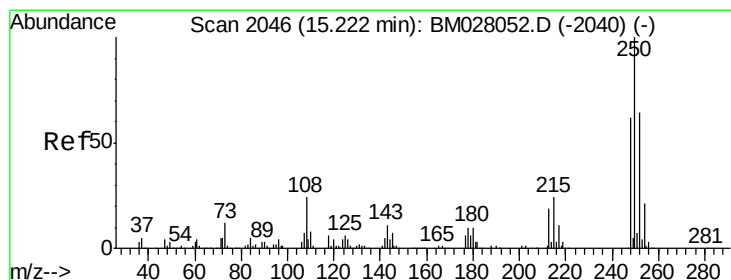
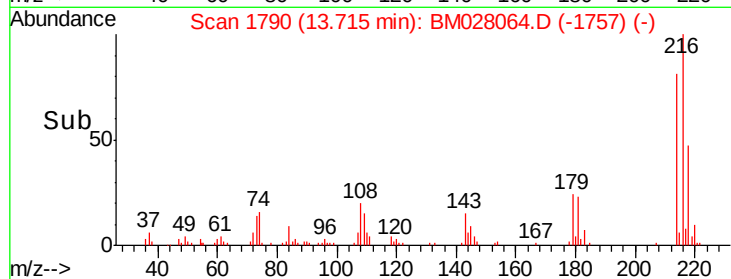
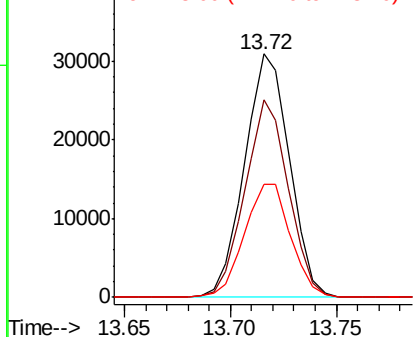
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.481 ng/uL
 RT: 13.72 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:216 Resp: 45721
 Ion Ratio Lower Upper
 216 100
 214 81.1 63.0 94.6
 218 46.7 37.8 56.8

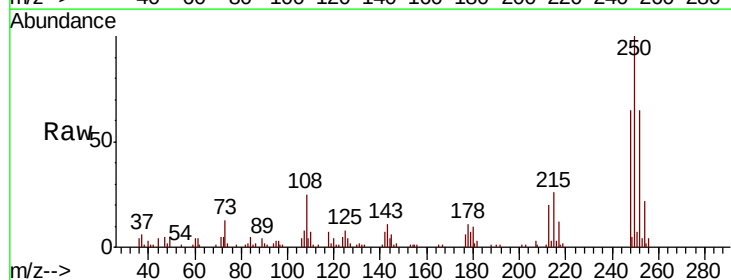


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

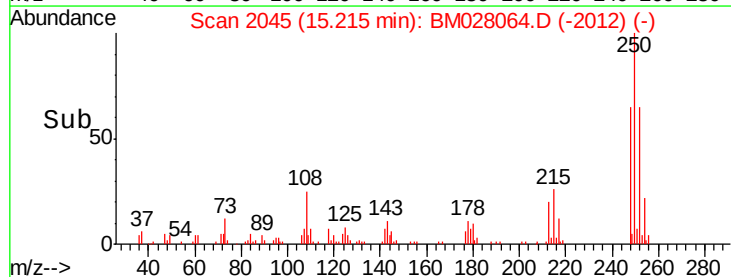
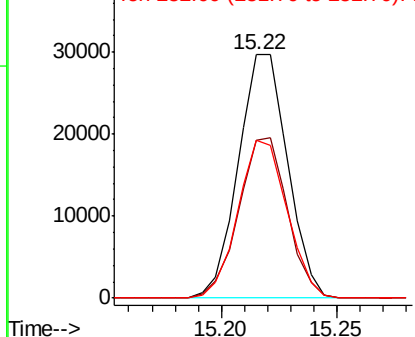


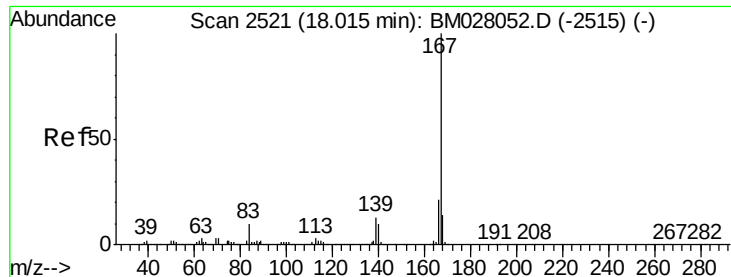
#76
 Pentachlorobenzene
 Concen: 2.509 ng/uL
 RT: 15.22 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Tgt Ion:250 Resp: 44305
 Ion Ratio Lower Upper
 250 100
 248 64.7 50.8 76.2
 252 64.9 50.5 75.7



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

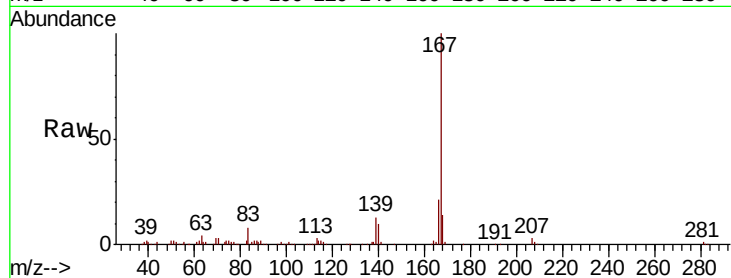




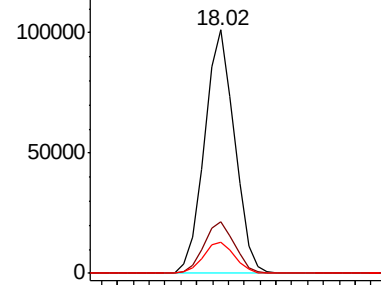
#77
 Carbazole
 Concen: 2.313 ng/ul
 RT: 18.02 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-05

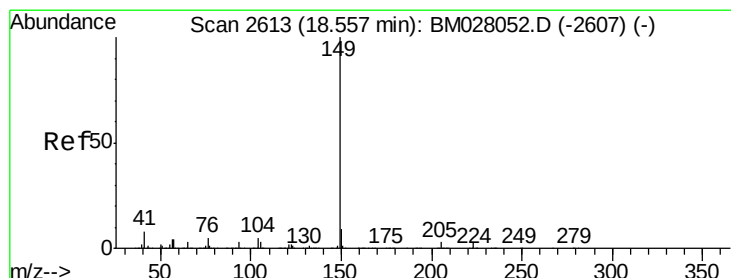
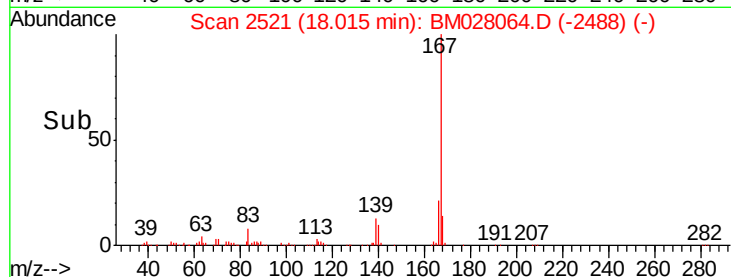
Tot Ion:167 Resp: 133016
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.6 25.0
 139 13.0 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

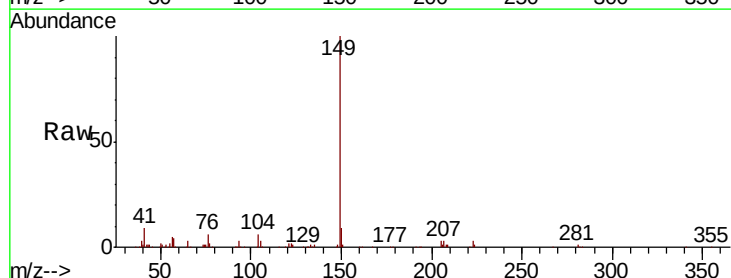


Time-->

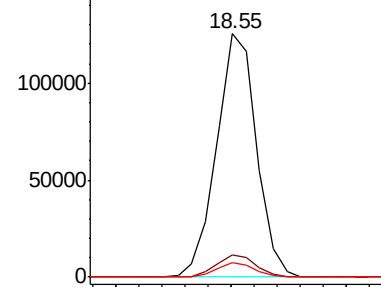


#78
 Di-n-butylphthalate
 Concen: 2.310 ng/ul
 RT: 18.55 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BM028064.D
 Acq: 07 Dec 2020 18:21

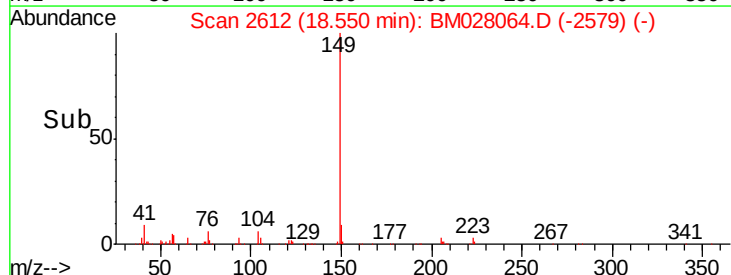
Tgt Ion:149 Resp: 151401
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.7 4.0 6.0

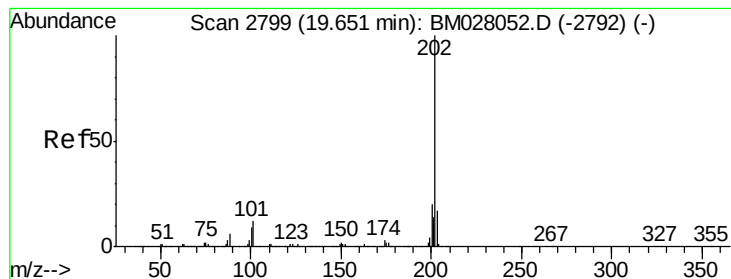


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->





#80

Fluoranthene

Concen: 2.630 ng/ul

RT: 19.64 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

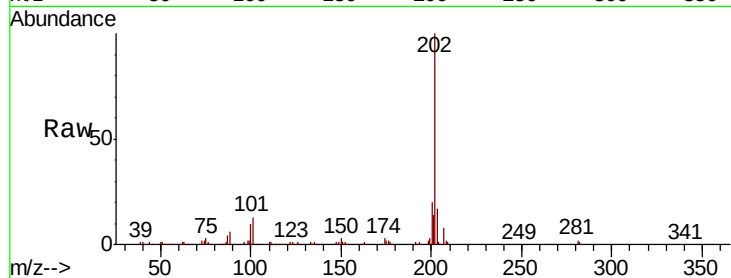
Tot Ion:202 Resp: 174520

Ion Ratio Lower Upper

202 100

101 12.9 9.9 14.9

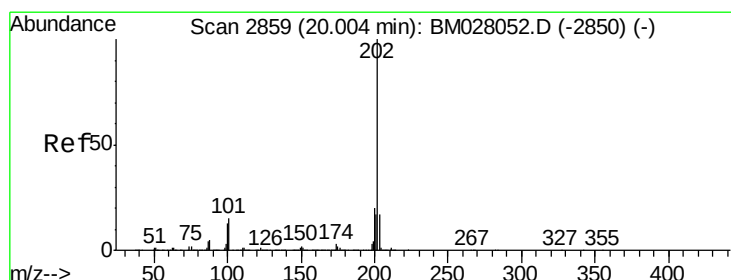
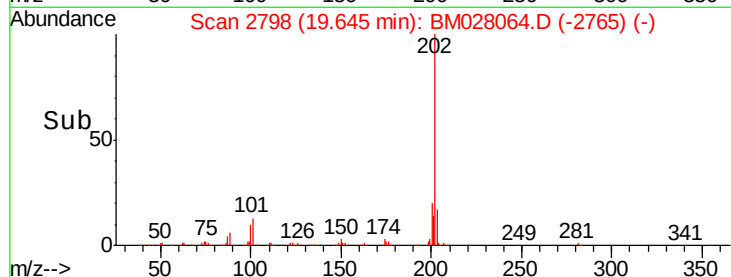
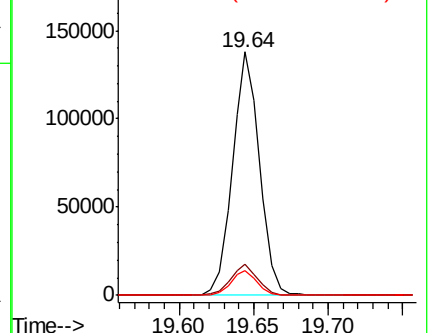
100 10.0 7.5 11.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Pyrene

Concen: 2.747 ng/ul

RT: 20.00 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

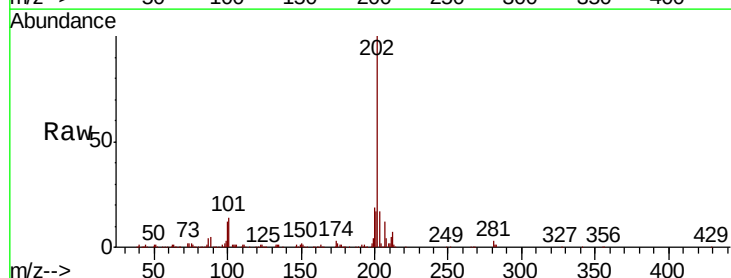
Tgt Ion:202 Resp: 190195

Ion Ratio Lower Upper

202 100

101 14.5 11.6 17.4

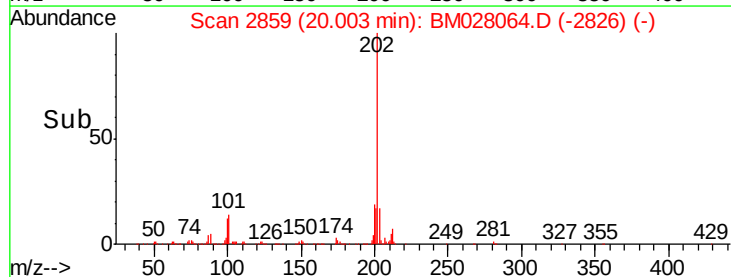
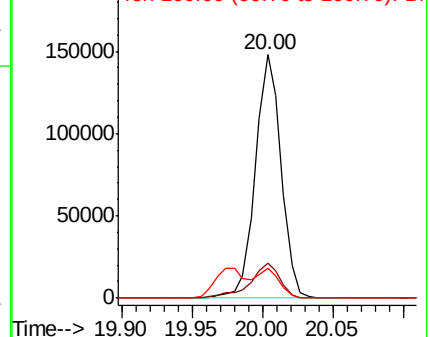
100 12.3 9.5 14.3

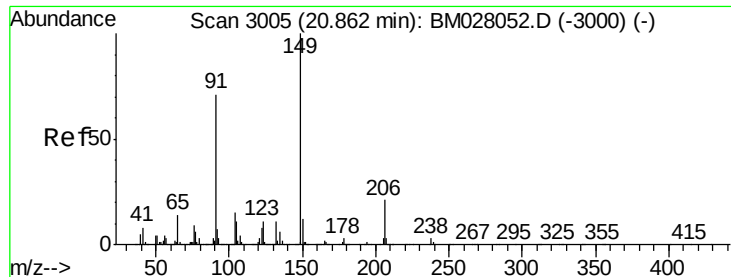


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

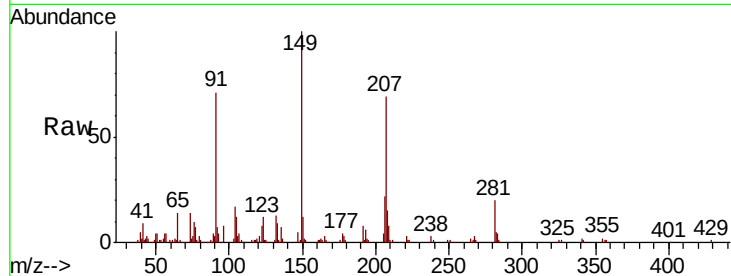




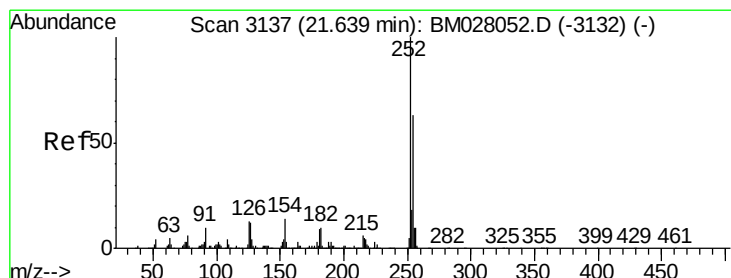
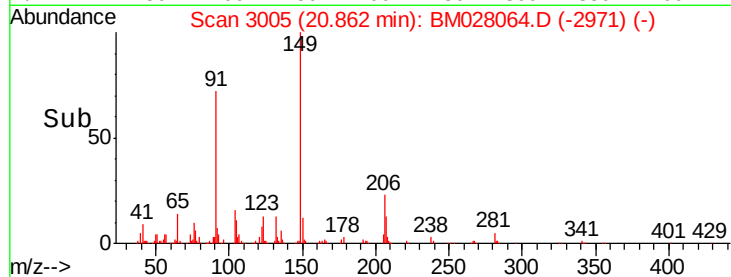
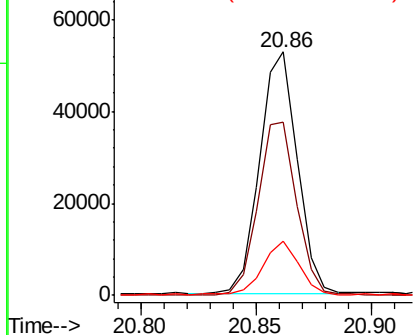
#83
Butylbenzylphthalate
Concen: 2.389 ng/ul
RT: 20.86 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.7	86.5
206	22.5	15.3	22.9

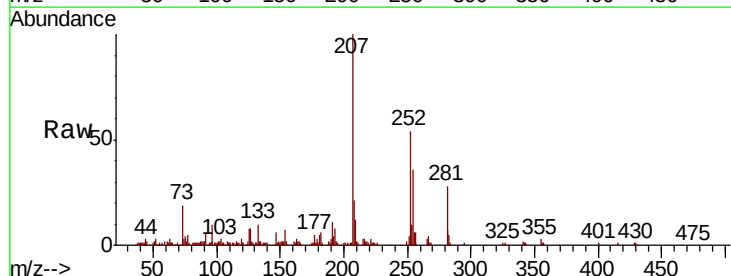


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

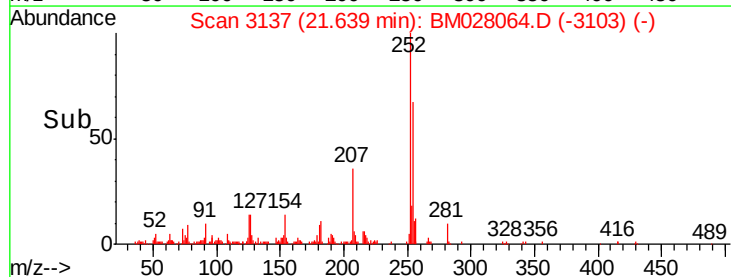
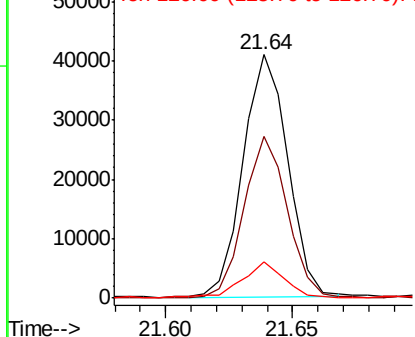


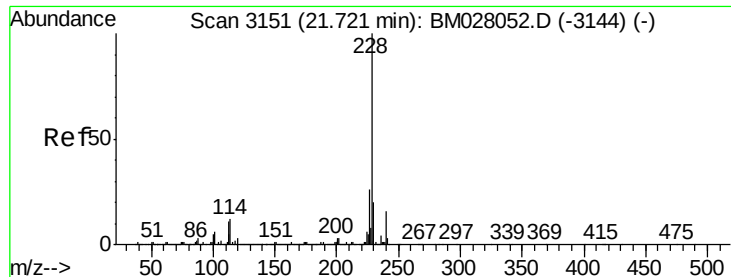
#84
3,3'-Dichlorobenzidine
Concen: 2.355 ng/ul
RT: 21.64 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BM028064.D
Acq: 07 Dec 2020 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.7	79.1
126	14.8	9.1	13.7



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





#85

Benzo(a)anthracene

Concen: 2.555 ng/ul

RT: 21.71 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

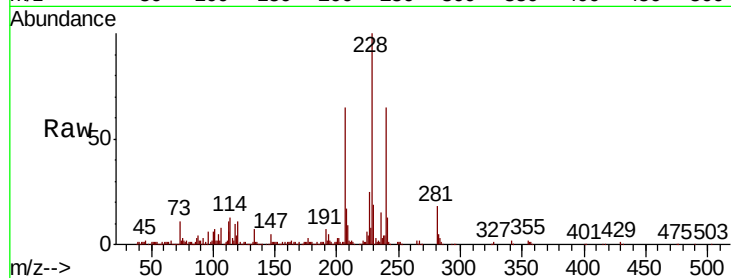
Tot Ion:228 Resp: 163585

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.0

226 25.2 20.4 30.6

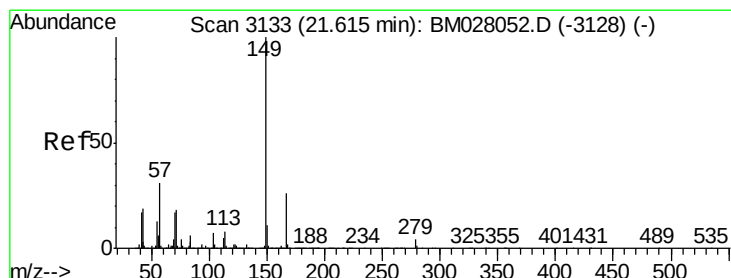
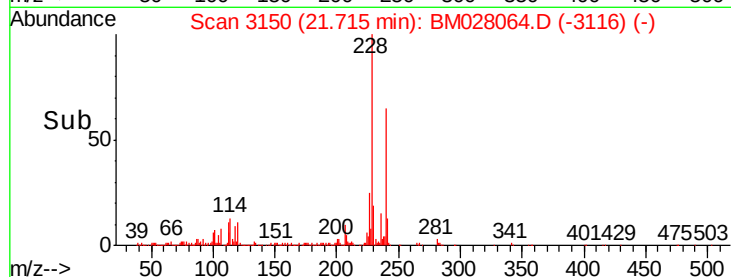
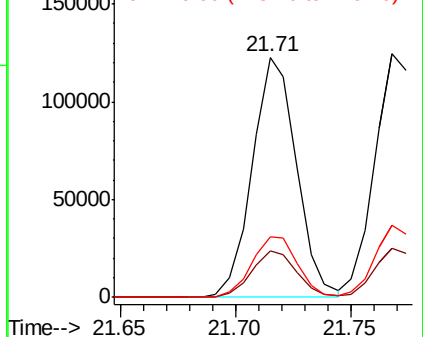


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.367 ng/ul

RT: 21.61 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

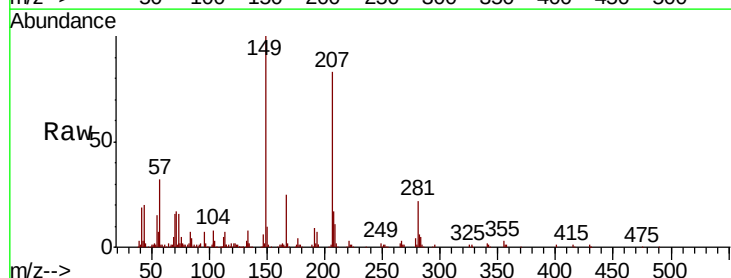
Tgt Ion:149 Resp: 89004

Ion Ratio Lower Upper

149 100

167 25.2 20.6 30.8

279 3.9 3.1 4.7

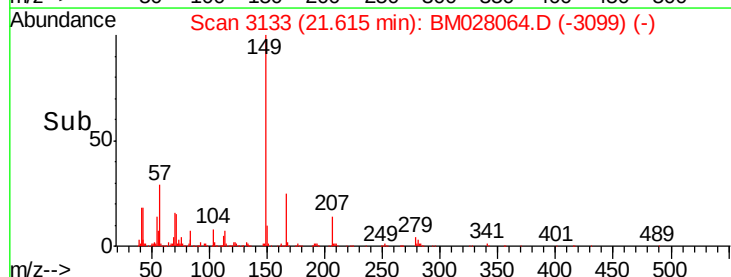
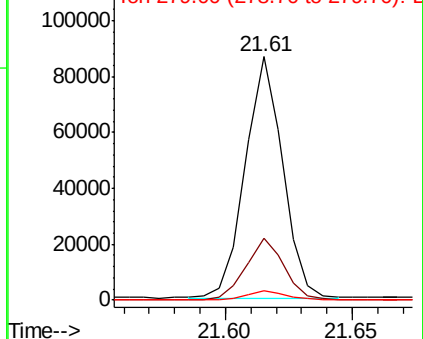


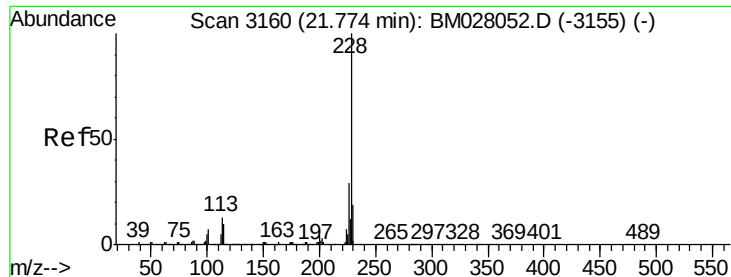
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 2.582 ng/ul

RT: 21.77 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

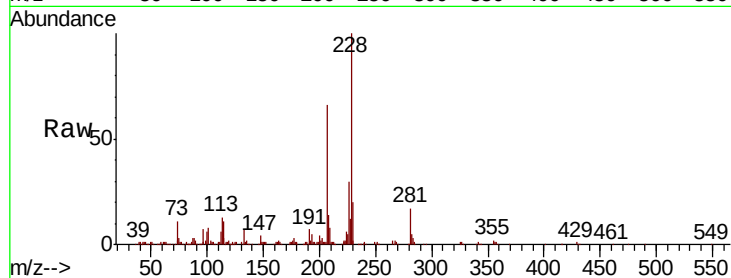
Tot Ion:228 Resp: 163382

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

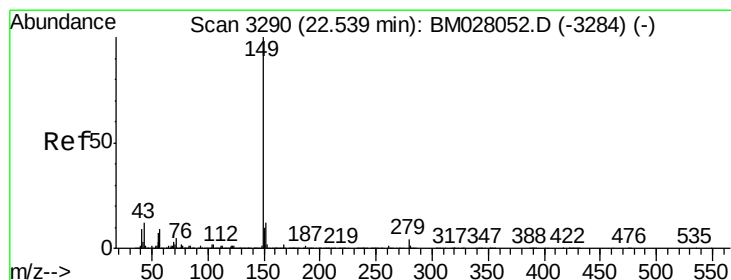
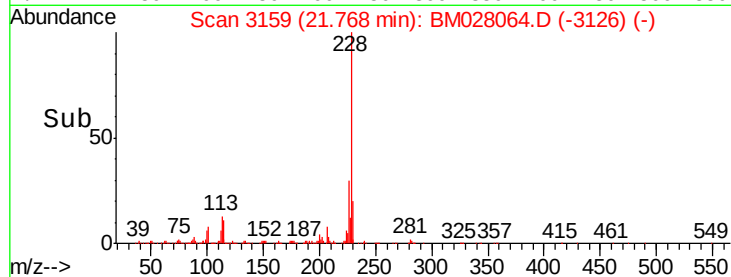
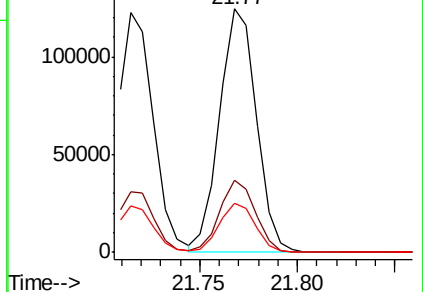
229 20.2 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 2.271 ng/ul

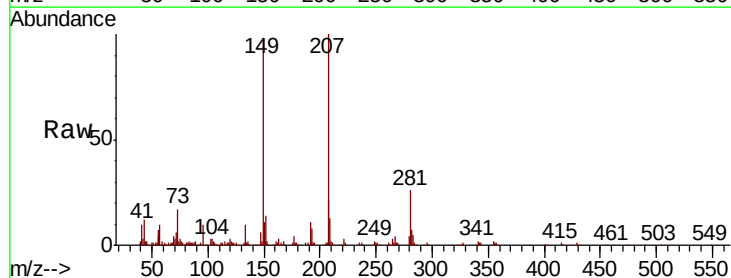
RT: 22.54 min Scan# 3290

Delta R.T. -0.00 min

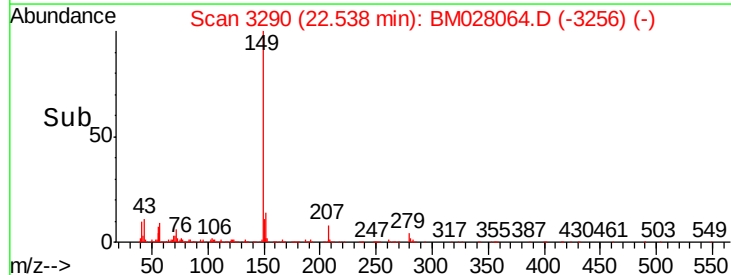
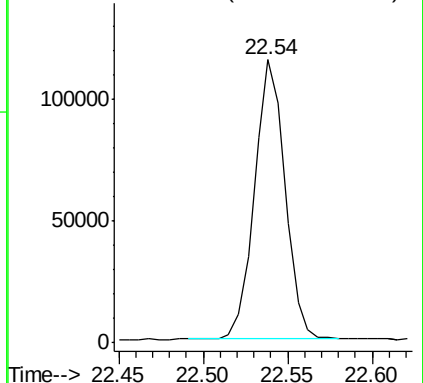
Lab File: BM028064.D

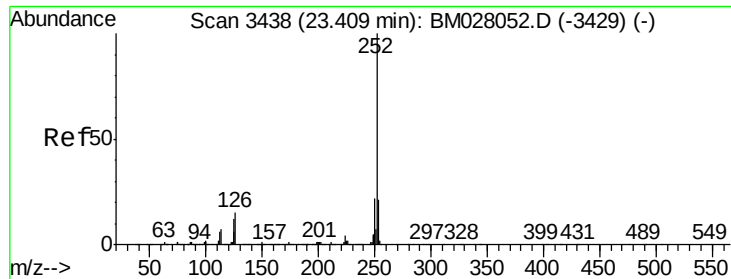
Acq: 07 Dec 2020 18:21

Tgt Ion:149 Resp: 143760



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 2.625 ng/ul

RT: 23.40 min Scan# 3437

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

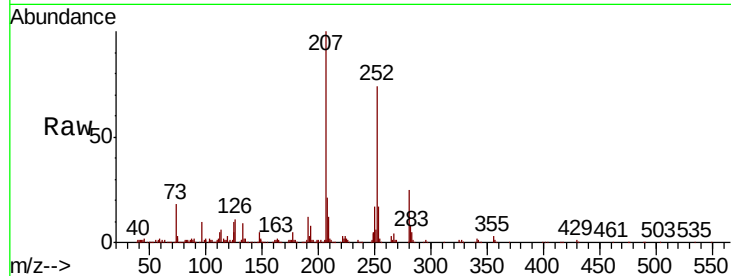
Tot Ion:252 Resp: 161709

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

125 12.9 9.0 13.6

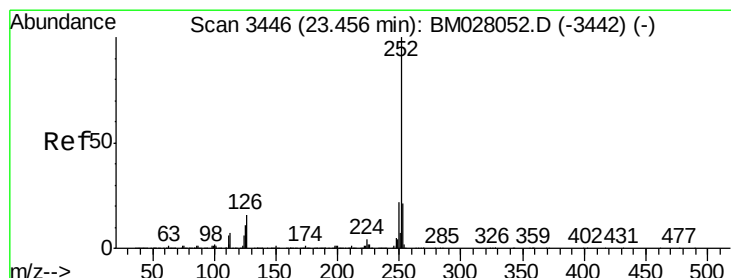
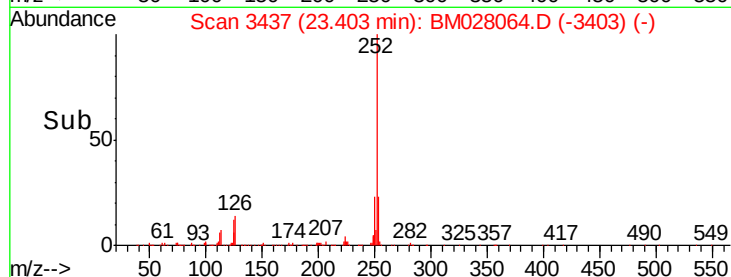
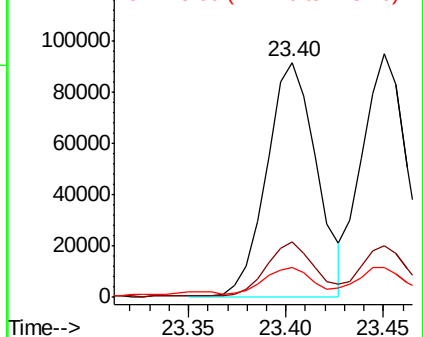


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(k)fluoranthene

Concen: 2.573 ng/ul

RT: 23.45 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

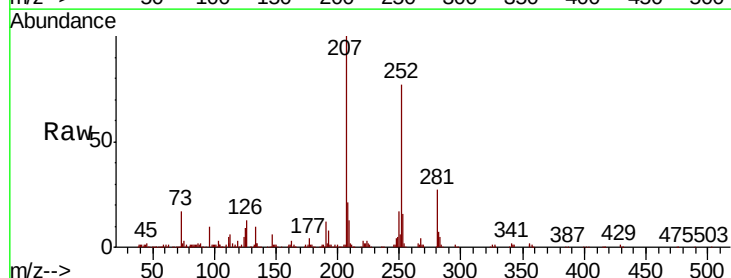
Tgt Ion:252 Resp: 152925

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 12.2 9.4 14.2

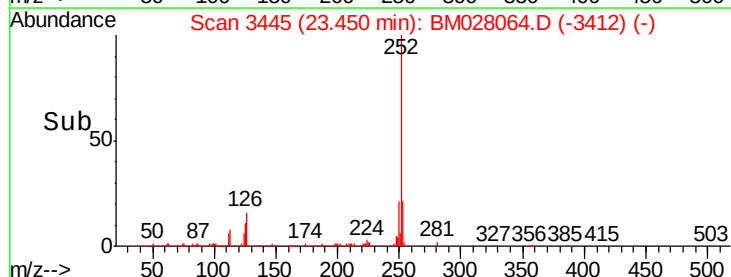
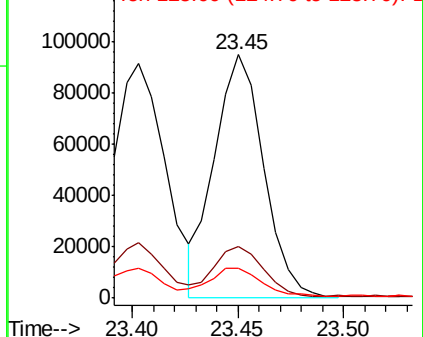


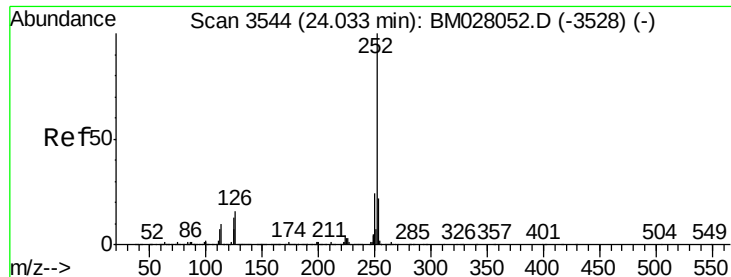
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 2.550 ng/ul

RT: 24.03 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

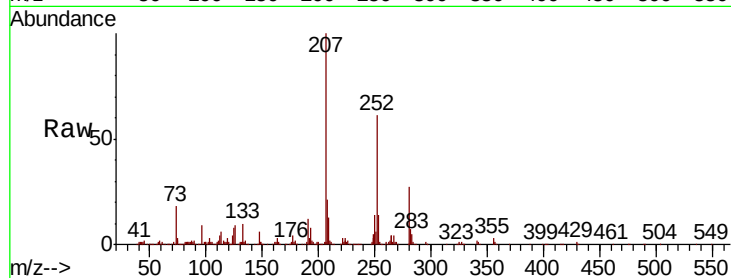
Tot Ion:252 Resp: 142869

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

125 13.4 10.5 15.7

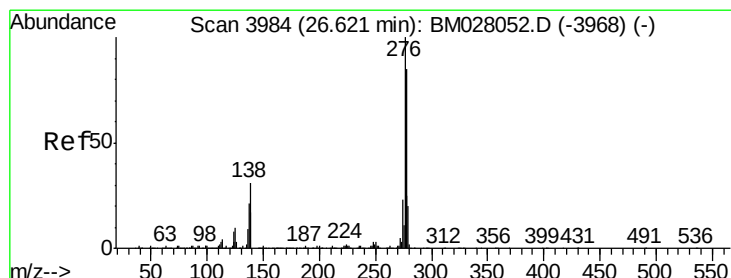
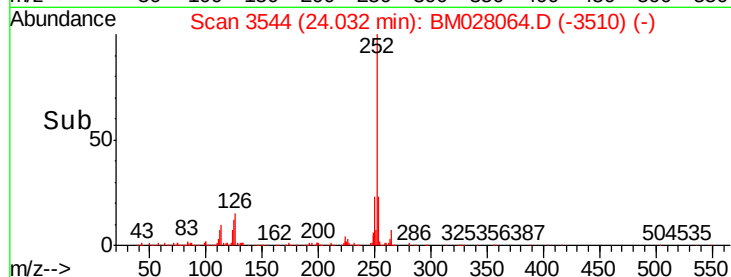
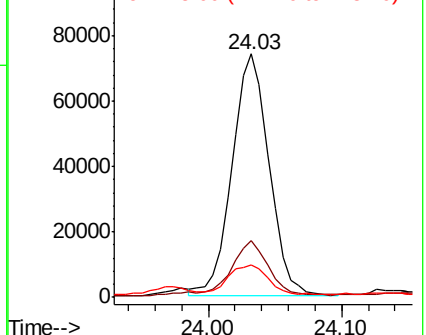


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.471 ng/ul

RT: 26.61 min Scan# 3982

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

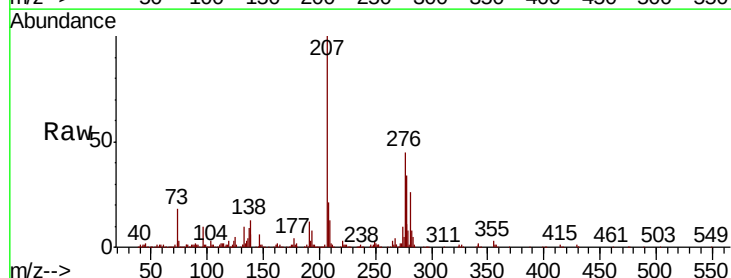
Tgt Ion:276 Resp: 170024

Ion Ratio Lower Upper

276 100

138 29.2 25.2 37.8

277 23.6 20.6 31.0

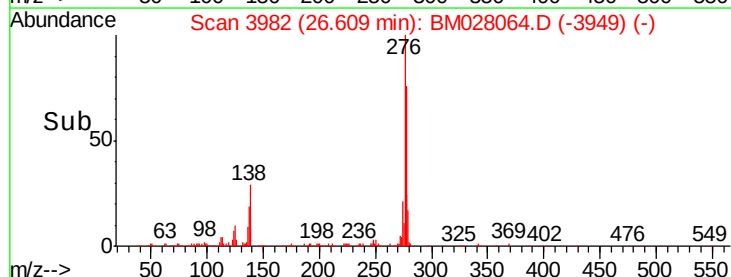
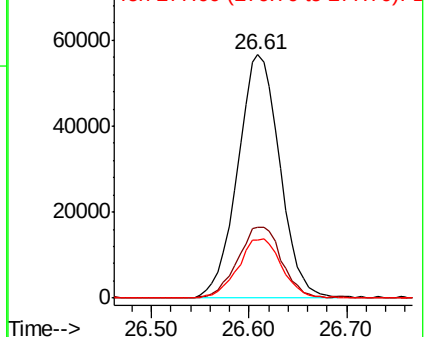


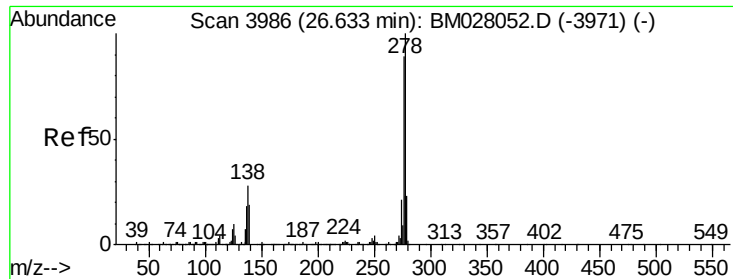
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 2.476 ng/ul

RT: 26.62 min Scan# 3984

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

Instrument :

BNA_M

ClientSampleId :

MDL-ME-SOIL-05

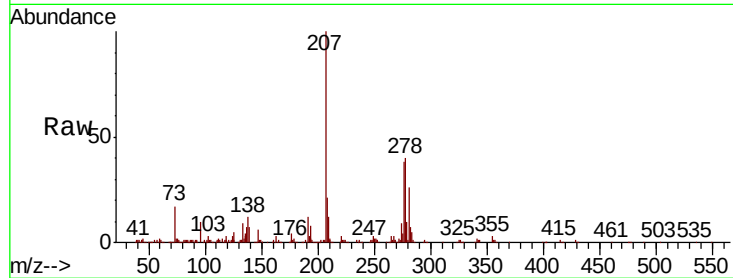
Tot Ion:278 Resp: 143984

Ion Ratio Lower Upper

278 100

139 17.7 15.5 23.3

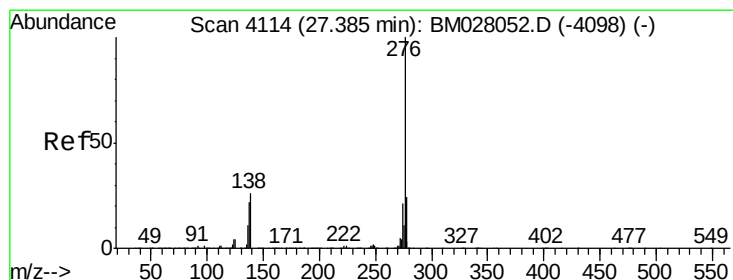
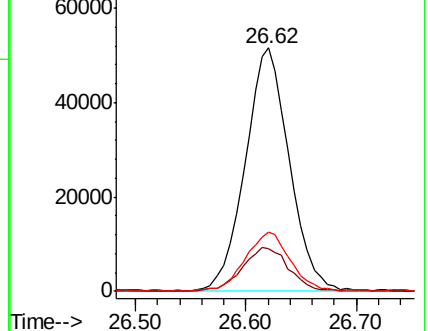
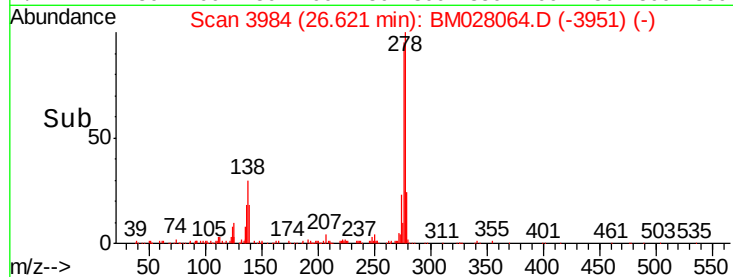
279 24.5 19.2 28.8



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



#96

Benzo(g,h,i)perylene

Concen: 2.407 ng/ul

RT: 27.37 min Scan# 4112

Delta R.T. -0.01 min

Lab File: BM028064.D

Acq: 07 Dec 2020 18:21

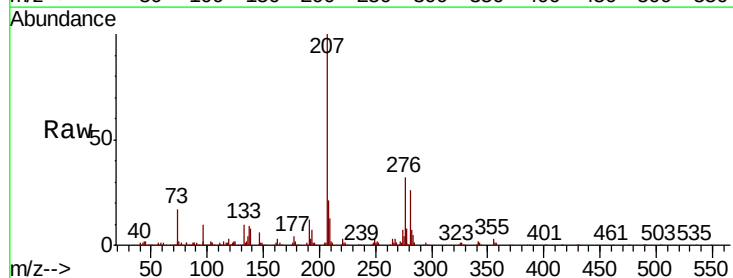
Tgt Ion:276 Resp: 139704

Ion Ratio Lower Upper

276 100

138 26.5 19.8 29.8

277 25.0 18.9 28.3



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

