

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110321\
 Data File : BM032860.D
 Acq On : 03 Nov 2021 14:03
 Operator : CG/JU
 Sample : M4386-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: Nov 03 14:34:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	115249	20.000	ng	0.00
21) Naphthalene-d8	10.272	136	530654	20.000	ng	# 0.00
39) Acenaphthene-d10	14.154	164	364019	20.000	ng	0.00
64) Phenanthrene-d10	16.889	188	763247	20.000	ng	# 0.00
76) Chrysene-d12	21.083	240	675108	20.000	ng	0.00
86) Perylene-d12	23.189	264	804284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.072	112	937657	141.841	ng	0.00
7) Phenol-d6	6.696	99	1297276	131.777	ng	0.00
23) Nitrobenzene-d5	8.642	82	844019	87.054	ng	0.00
42) 2,4,6-Tribromophenol	15.648	330	493039	120.938	ng	0.00
45) 2-Fluorobiphenyl	12.766	172	2031728	86.566	ng	0.00
79) Terphenyl-d14	19.524	244	2815186	91.041	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.719	94	891667	94.369	ng	85
11) bis(2-Chloroethyl)ether	6.913	93	898713	120.466	ng	95
12) 1,3-Dichlorobenzene	7.378	146	1583208	186.031	ng	# 93
13) 1,4-Dichlorobenzene	7.519	146	755597	86.665	ng	97
19) n-Nitroso-di-n-propyla...	8.295	70	485861	80.608	ng	# 86
26) 2-Nitrophenol	9.401	139	924855	213.263	ng	# 77
28) bis(2-Chloroethoxy)met...	9.689	93	883621	77.194	ng	100
29) 2,4-Dichlorophenol	9.931	162	769840	94.073	ng	97
31) Naphthalene	10.319	128	1849365	67.141	ng	99
36) 4-Chloro-3-methylphenol	11.583	107	1349389	144.142	ng	99
43) 2,4,6-Trichlorophenol	12.577	196	944999	134.189	ng	96
44) 2,4,5-Trichlorophenol	12.648	196	863762	110.985	ng	# 92
47) 2-Chloronaphthalene	13.019	162	2411433	119.403	ng	99
49) Acenaphthylene	13.877	152	4265391	131.636	ng	99
50) Dimethylphthalate	13.624	163	2192408	82.775	ng	99
51) 2,6-Dinitrotoluene	13.742	165	1174469	216.946	ng	# 70
52) Acenaphthene	14.219	154	2046816	106.043	ng	98
55) Dibenzofuran	14.554	168	2544358	78.522	ng	97
56) 4-Nitrophenol	14.413	139	860509	179.241	ng	# 73
57) 2,4-Dinitrotoluene	14.536	165	1560550	212.799	ng	# 65
58) Fluorene	15.207	166	1628541	67.038	ng	99
61) 4-Chlorophenyl-phenyle...	15.207	204	1869724	145.576	ng	98
68) Hexachlorobenzene	16.224	284	1079949	125.617	ng	# 86
71) Phenanthrene	16.942	178	5362001	132.492	ng	99
72) Anthracene	17.030	178	5376240	134.592	ng	98
73) Carbazole	17.289	167	128293	3.223	ng	96
74) Di-n-butylphthalate	17.859	149	4295929	98.412	ng	98
75) Fluoranthene	18.959	202	5891632	126.888	ng	97
78) Pyrene	19.318	202	3483803	77.025	ng	98
81) Benzo(a)anthracene	21.065	228	4308575	100.033	ng	98
83) Chrysene	21.112	228	2277644	53.826	ng	100
84) Bis(2-ethylhexyl)phtha...	21.000	149	4864493	200.599	ng	# 93
85) Di-n-octyl phthalate	21.836	149	4958093	114.645	ng	# 90
92) Benzo(g,h,i)perylene	25.935	276	4251637	103.267	ng	# 95

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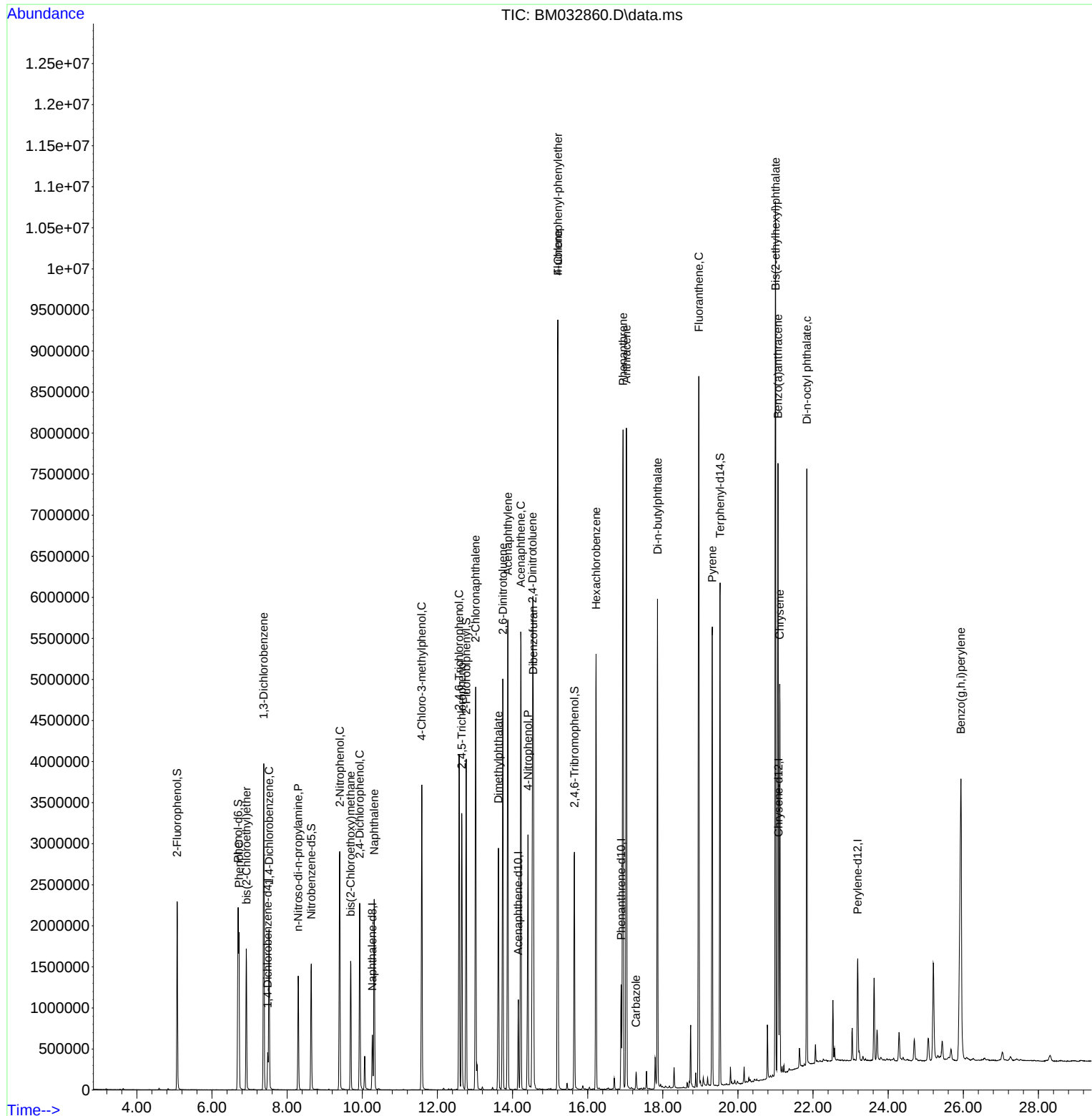
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

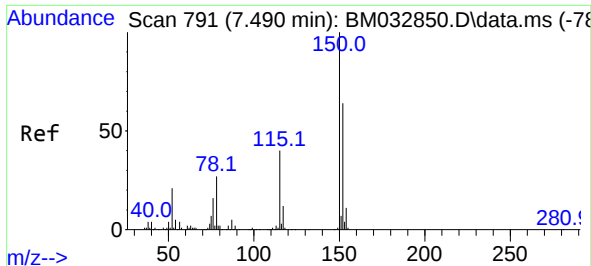
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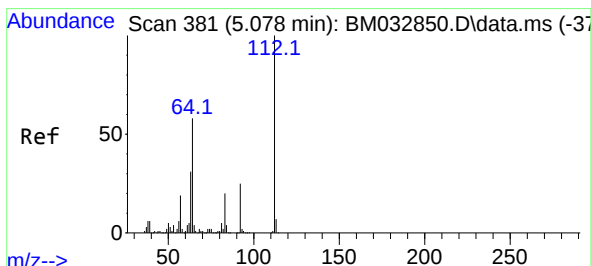
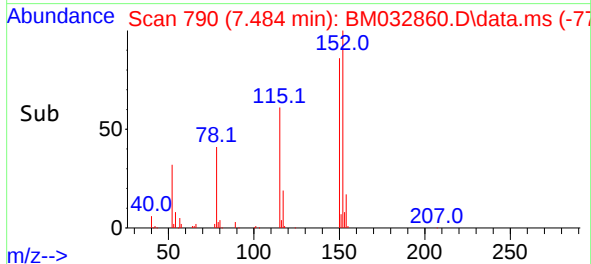
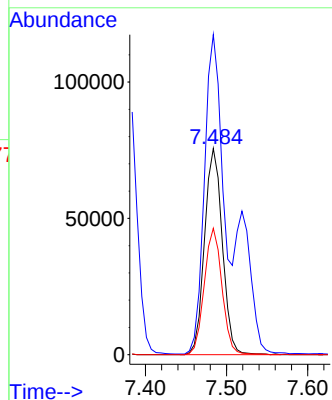
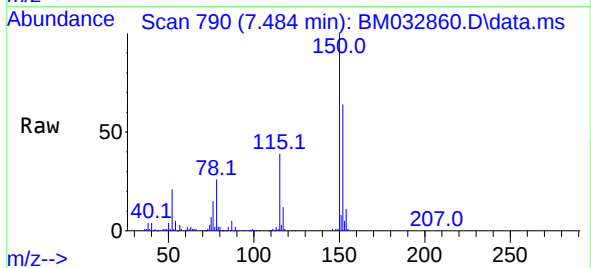




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

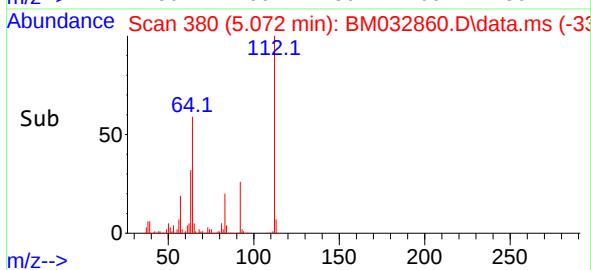
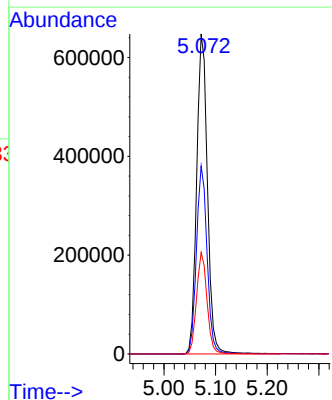
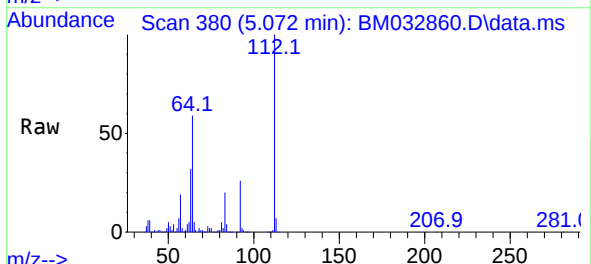
Instrument :
BNA_M
ClientSampleId :
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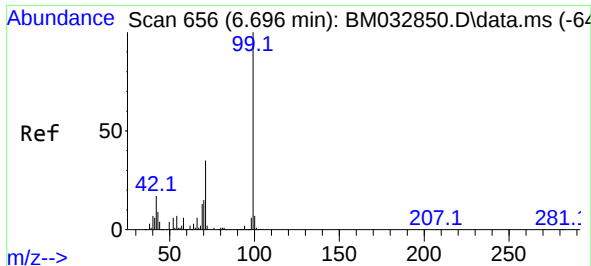
Tgt Ion:152 Resp: 115249
Ion Ratio Lower Upper
152 100
150 155.2 122.4 183.6
115 61.3 53.8 80.8



#5
2-Fluorophenol
Concen: 141.841 ng
RT: 5.072 min Scan# 380
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:112 Resp: 937657
Ion Ratio Lower Upper
112 100
64 58.7 53.7 80.5
63 31.7 33.9 50.9#

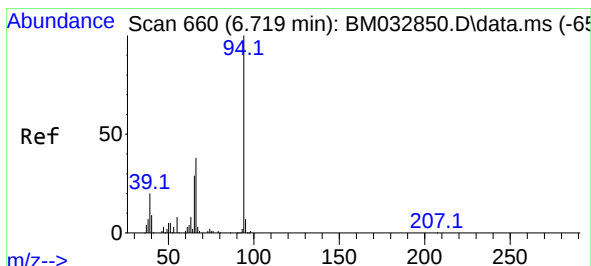
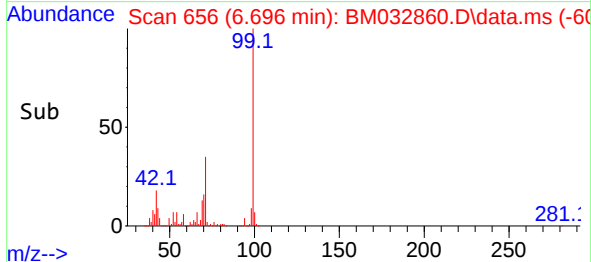
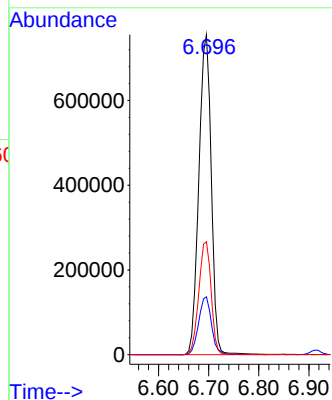
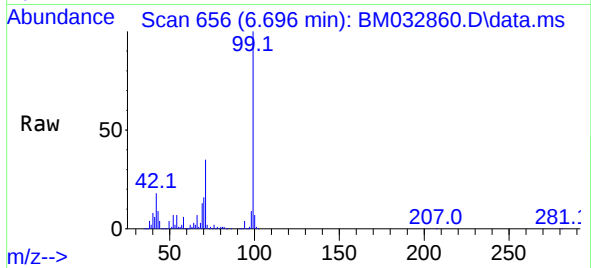




#7
Phenol-d6
Concen: 131.777 ng
RT: 6.696 min Scan# 656
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

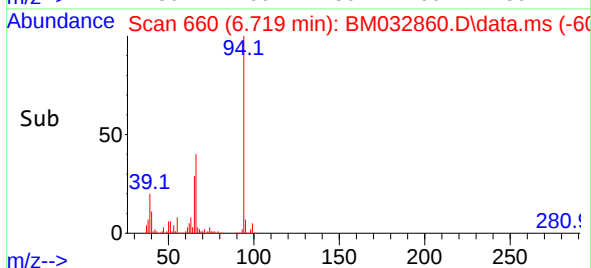
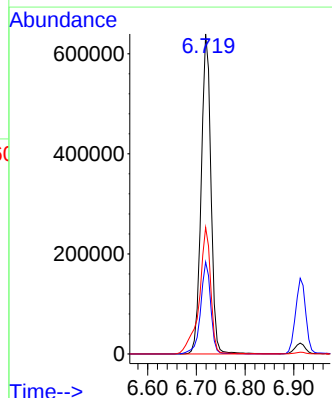
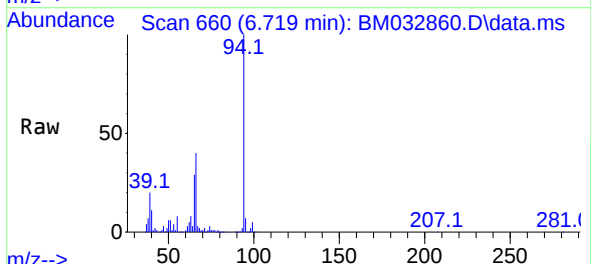
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

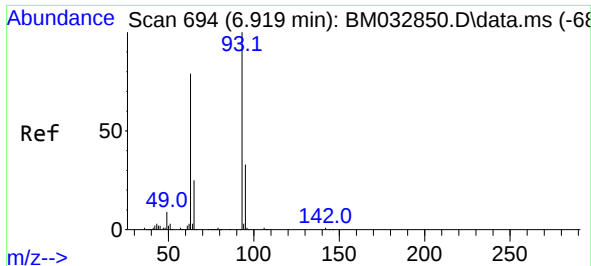
Tgt Ion: 99 Resp: 1297276
Ion Ratio Lower Upper
99 100
42 18.1 23.0 34.6#
71 35.3 37.8 56.8#



#10
Phenol
Concen: 94.369 ng
RT: 6.719 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion: 94 Resp: 891667
Ion Ratio Lower Upper
94 100
65 28.7 16.9 56.9
66 39.6 30.0 70.0

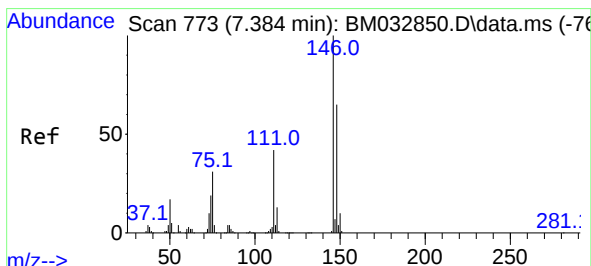
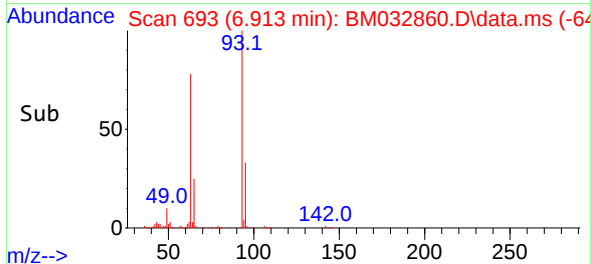
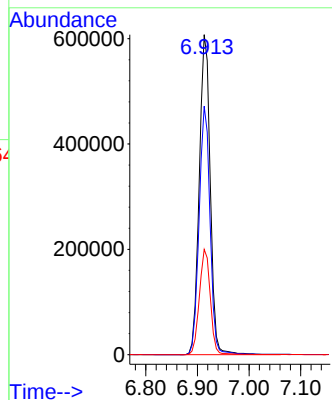
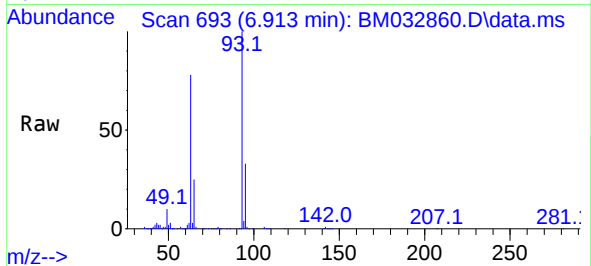




#11
bis(2-Chloroethyl)ether
Concen: 120.466 ng
RT: 6.913 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

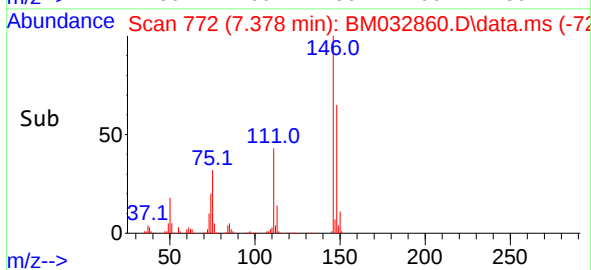
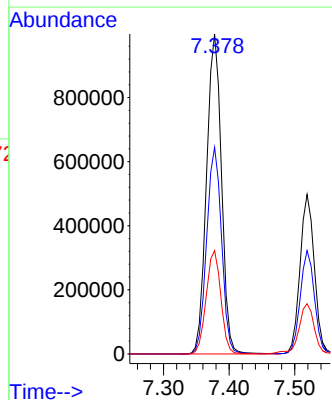
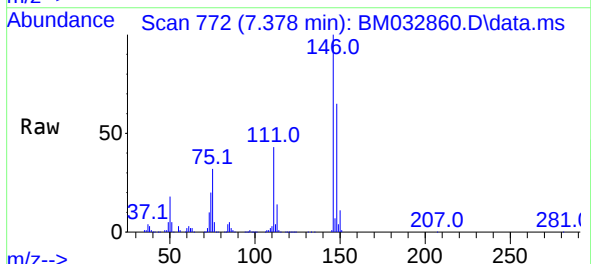
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ClientSampleId :
PT-BNA-SOIL

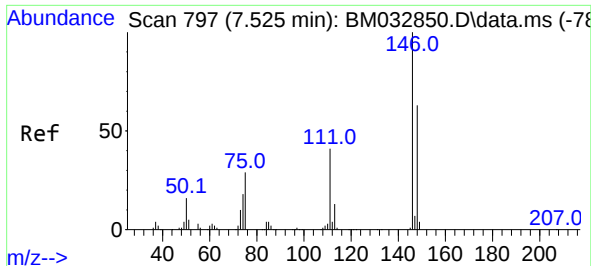
Tgt Ion: 93 Resp: 898713
Ion Ratio Lower Upper
93 100
63 77.6 63.7 103.7
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 186.031 ng
RT: 7.378 min Scan# 772
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion: 146 Resp: 1583208
Ion Ratio Lower Upper
146 100
148 64.6 52.3 78.5
75 32.3 34.2 51.2

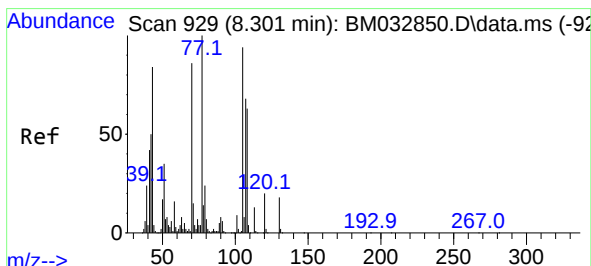
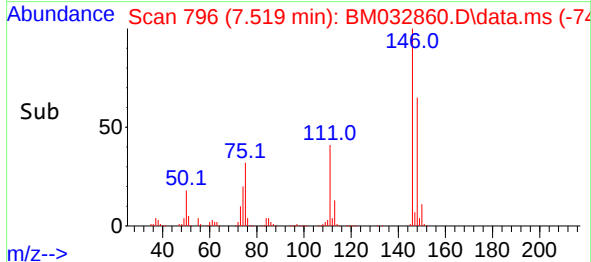
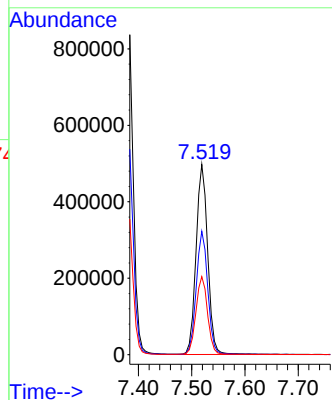
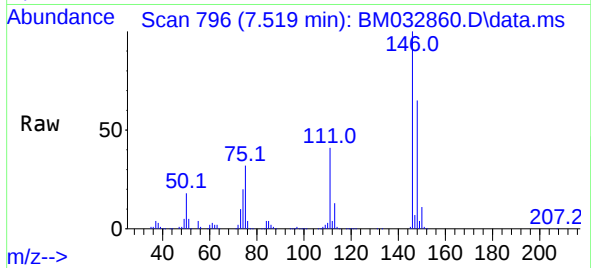




#13
1,4-Dichlorobenzene
Concen: 86.665 ng
RT: 7.519 min Scan# 796
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

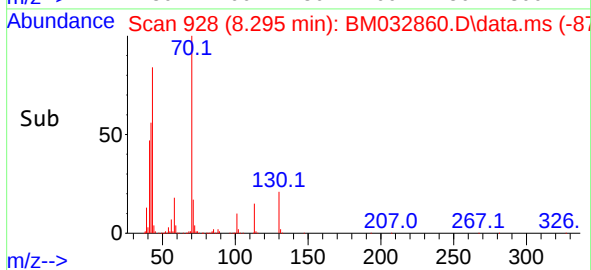
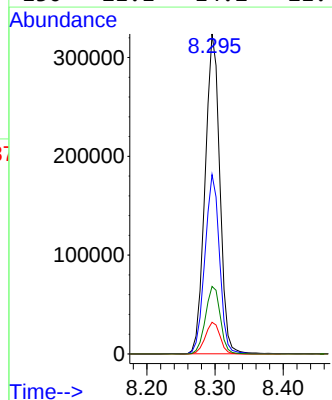
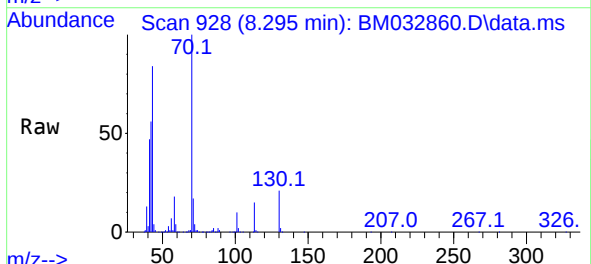
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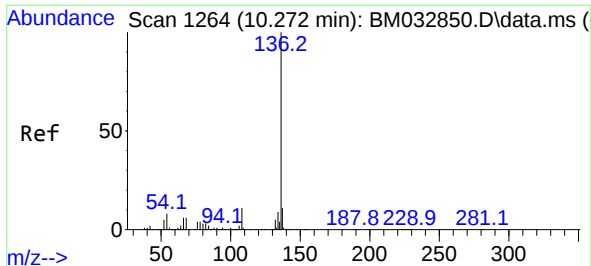
Tgt Ion:146 Resp: 755597
Ion Ratio Lower Upper
146 100
148 64.8 51.1 76.7
111 41.1 35.3 52.9



#19
n-Nitroso-di-n-propylamine
Concen: 80.608 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion: 70 Resp: 485861
Ion Ratio Lower Upper
70 100
42 56.0 56.3 84.5#
101 9.9 7.8 11.6
130 21.1 14.2 21.4

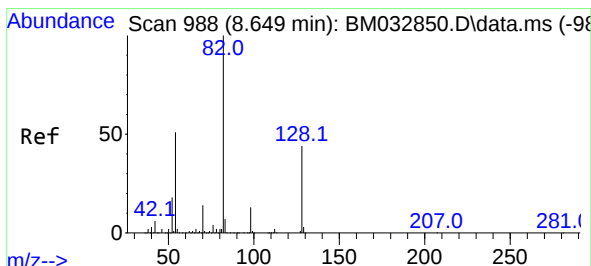
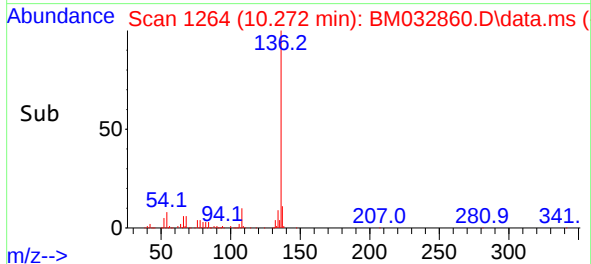
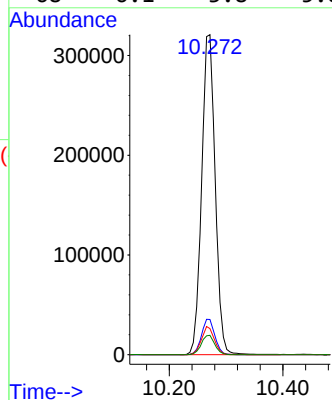
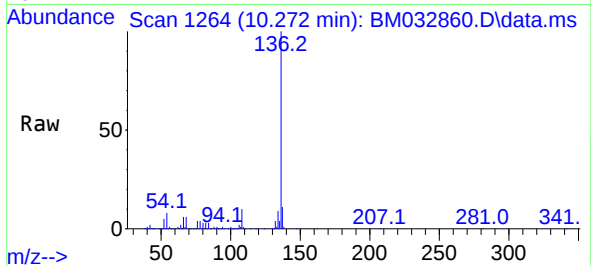




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.272 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

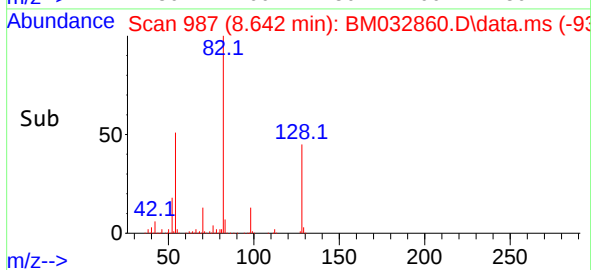
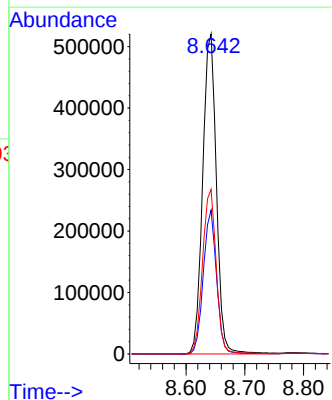
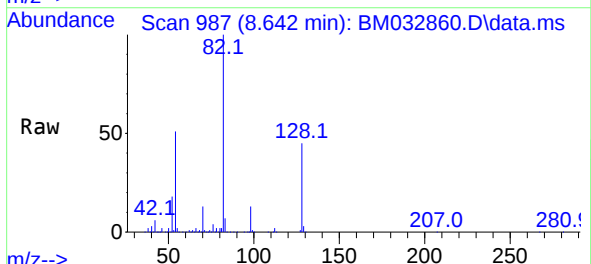
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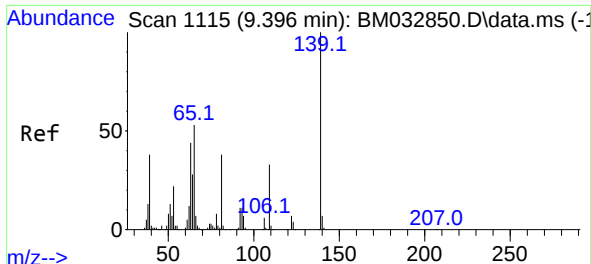
Tgt Ion:136 Resp: 530654
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.1 7.4 11.0
68 6.1 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 87.054 ng
RT: 8.642 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion: 82 Resp: 844019
Ion Ratio Lower Upper
82 100
128 45.0 29.0 43.6#
54 51.4 45.8 68.8

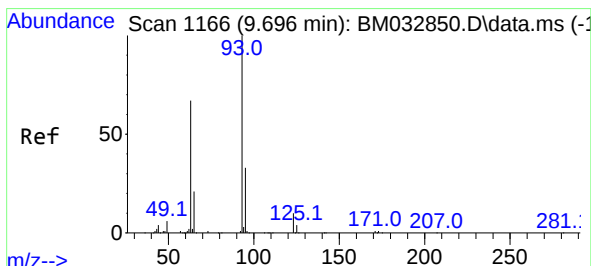
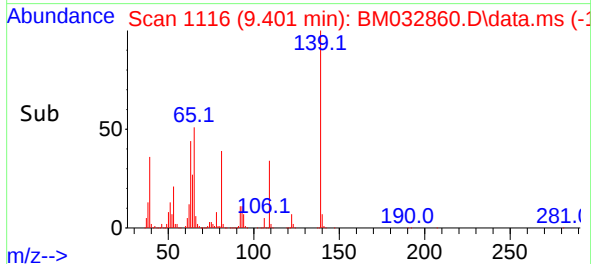
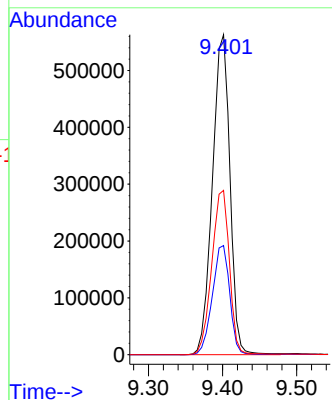
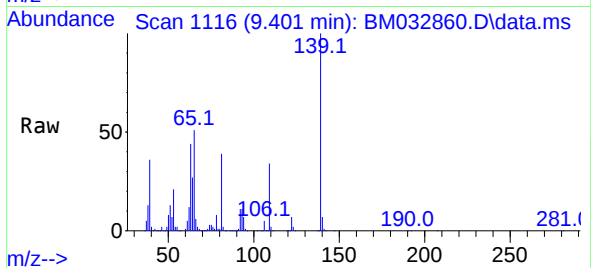




#26
2-Nitrophenol
Concen: 213.263 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

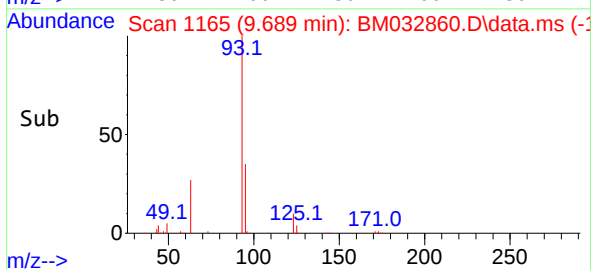
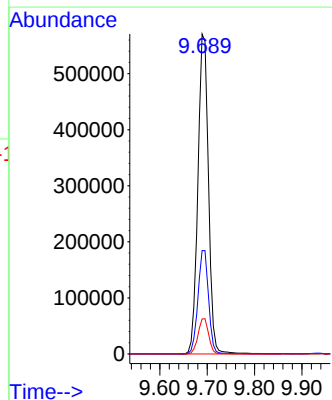
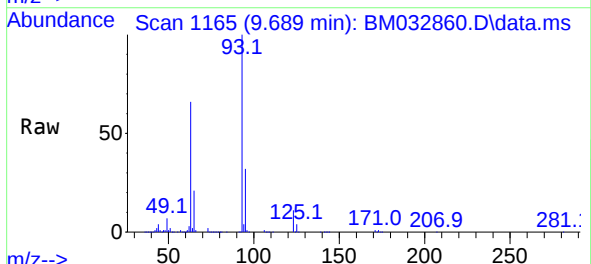
Instrument :
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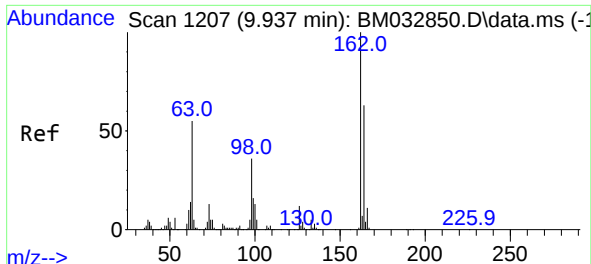
Tgt Ion:139 Resp: 924855
Ion Ratio Lower Upper
139 100
109 34.1 34.8 52.2#
65 51.3 59.9 89.9#



#28
bis(2-Chloroethoxy)methane
Concen: 77.194 ng
RT: 9.689 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion: 93 Resp: 883621
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 94.073 ng

RT: 9.931 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM032860.D

Acq: 03 Nov 2021 14:03

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOIL

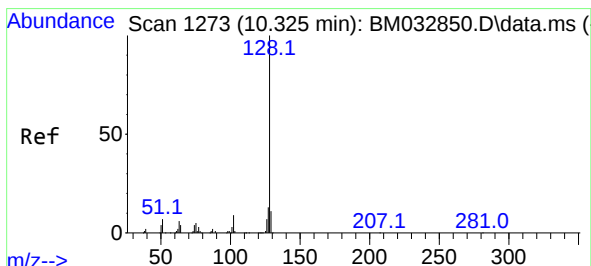
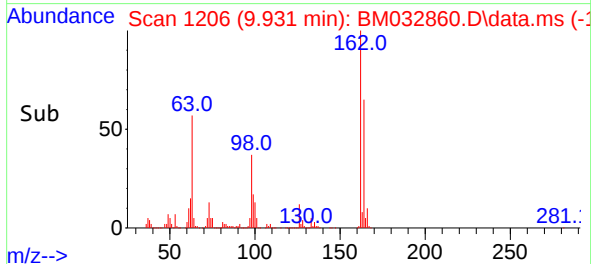
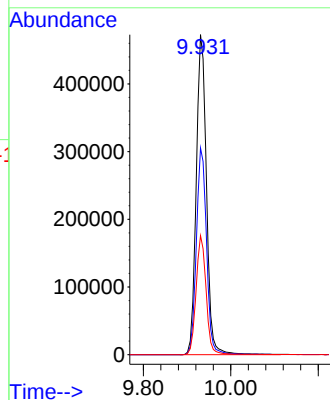
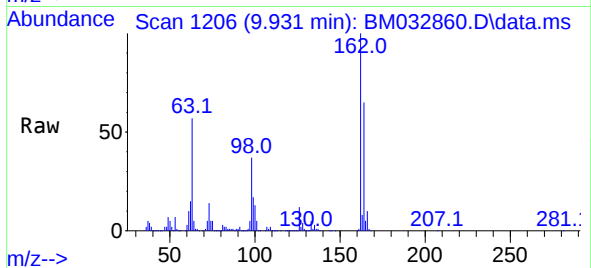
Tgt Ion:162 Resp: 769840

Ion Ratio Lower Upper

162 100

164 64.6 47.4 87.4

98 37.2 18.9 58.9



#31

Naphthalene

Concen: 67.141 ng

RT: 10.319 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM032860.D

Acq: 03 Nov 2021 14:03

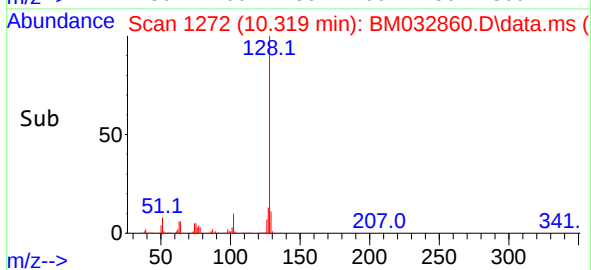
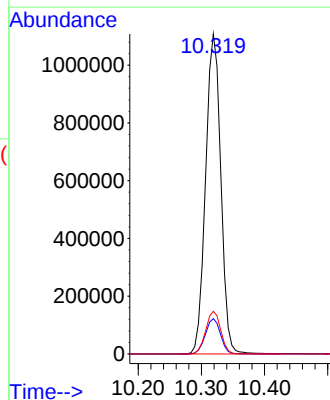
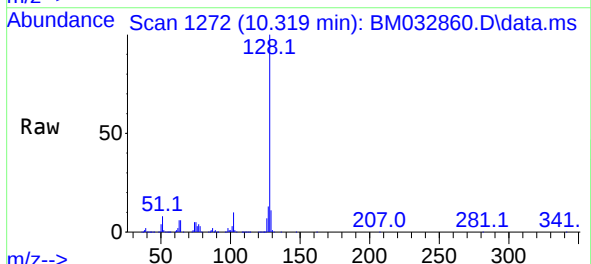
Tgt Ion:128 Resp: 1849365

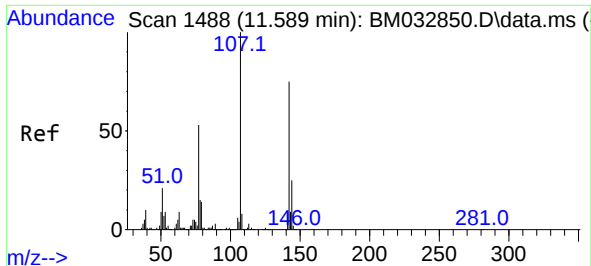
Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.3 10.4 15.6

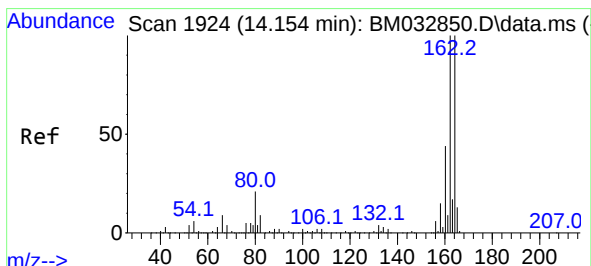
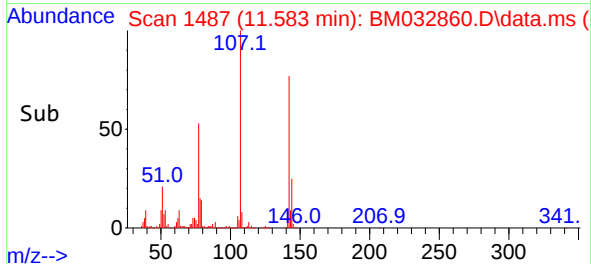
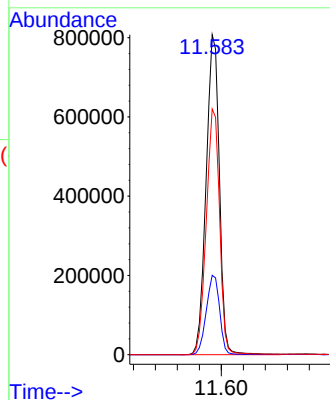
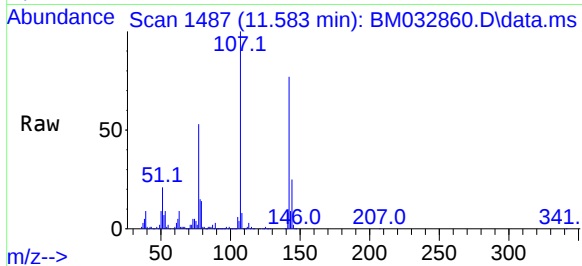




#36
4-Chloro-3-methylphenol
Concen: 144.142 ng
RT: 11.583 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

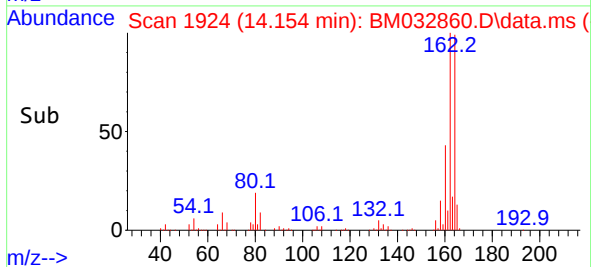
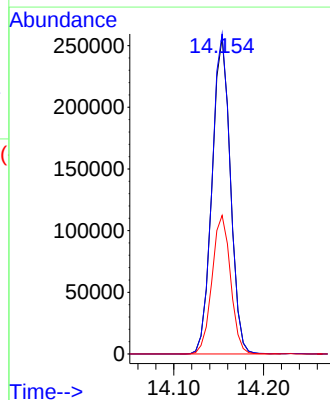
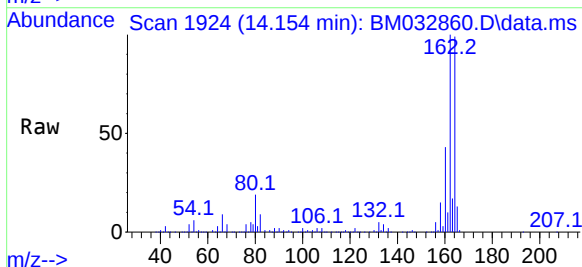
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

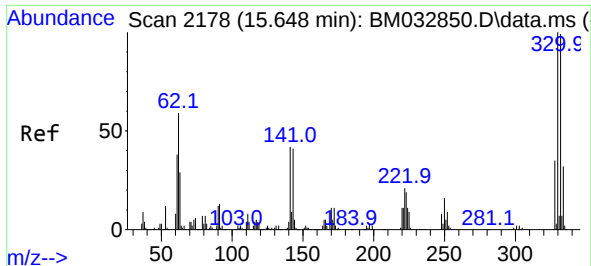
Tgt Ion:107 Resp: 1349389
Ion Ratio Lower Upper
107 100
144 24.8 19.3 28.9
142 76.8 60.5 90.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.154 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:164 Resp: 364019
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 120.938 ng

RT: 15.648 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM032860.D

Acq: 03 Nov 2021 14:03

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOIL

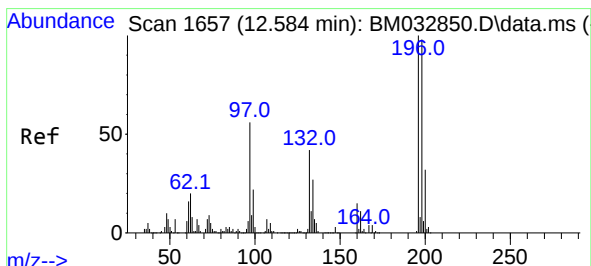
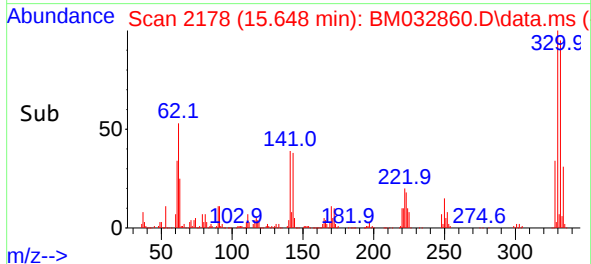
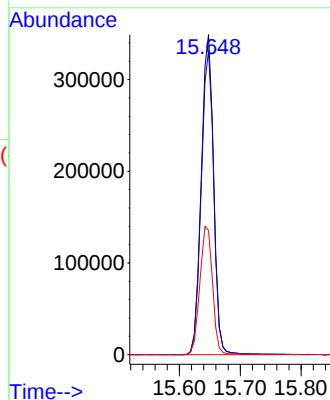
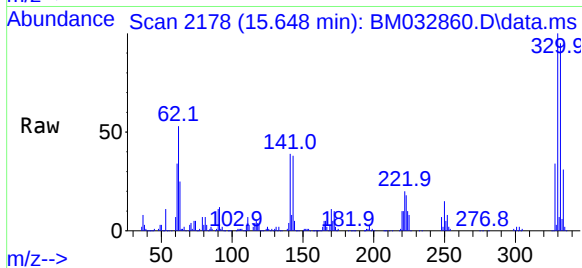
Tgt Ion:330 Resp: 493039

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

141 41.4 50.7 76.1#



#43

2,4,6-Trichlorophenol

Concen: 134.189 ng

RT: 12.577 min Scan# 1656

Delta R.T. -0.006 min

Lab File: BM032860.D

Acq: 03 Nov 2021 14:03

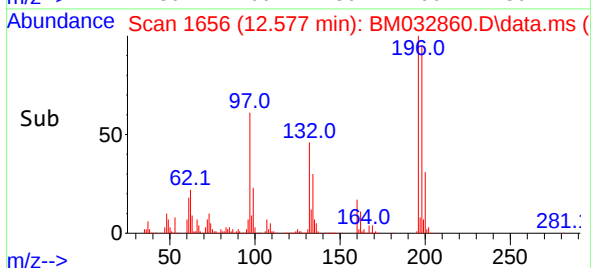
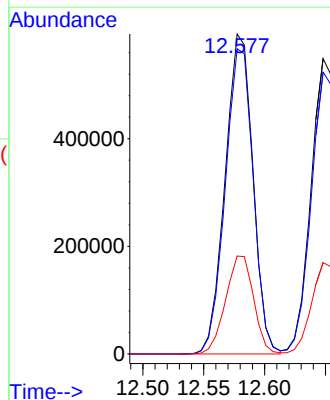
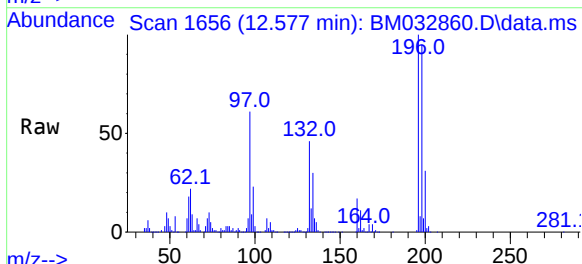
Tgt Ion:196 Resp: 944999

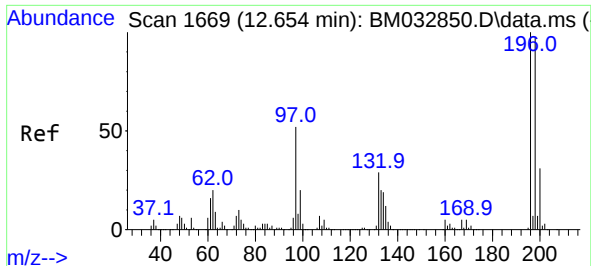
Ion Ratio Lower Upper

196 100

198 95.4 73.6 110.4

200 30.6 22.1 33.1

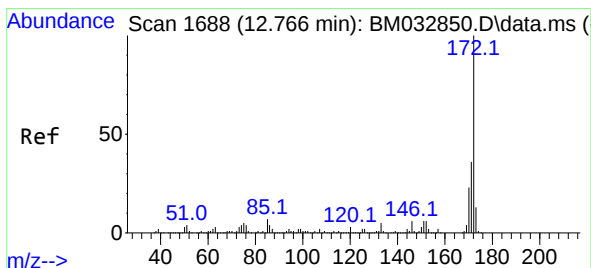
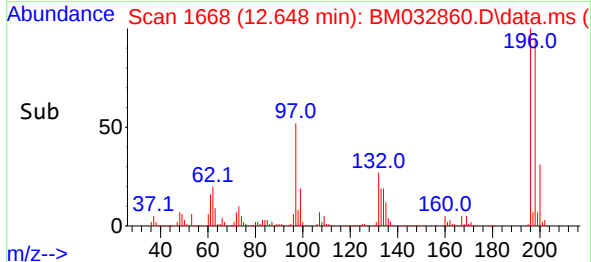
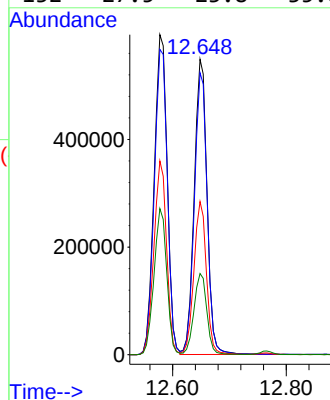
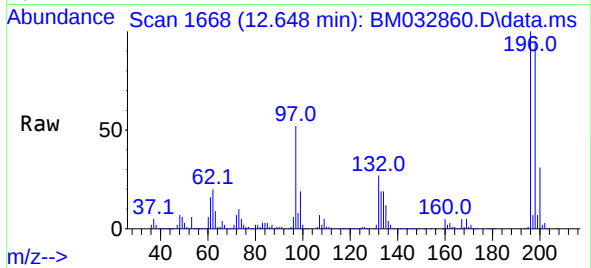




#44
2,4,5-Trichlorophenol
Concen: 110.985 ng
RT: 12.648 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

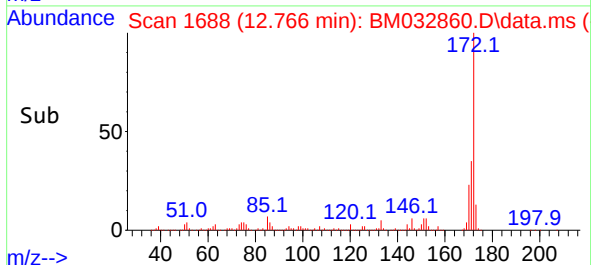
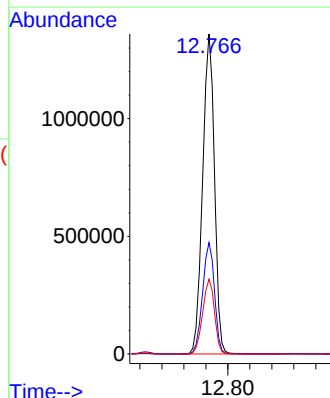
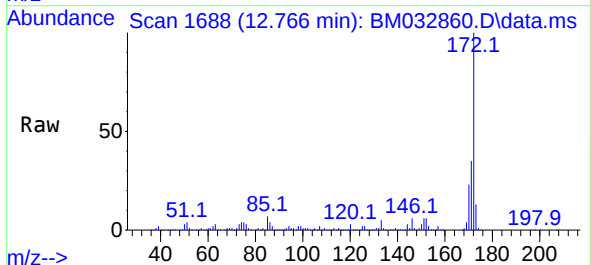
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

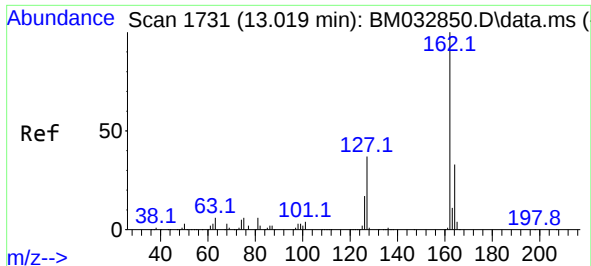
Tgt Ion:196 Resp: 863762
Ion Ratio Lower Upper
196 100
198 95.5 77.0 115.4
97 51.8 53.9 80.9#
132 27.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 86.566 ng
RT: 12.766 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:172 Resp: 2031728
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.4 18.6 27.8

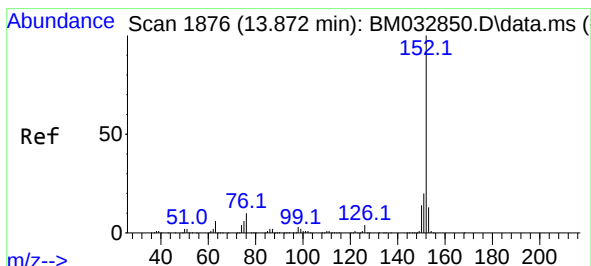
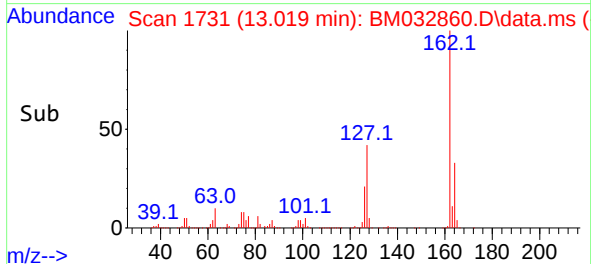
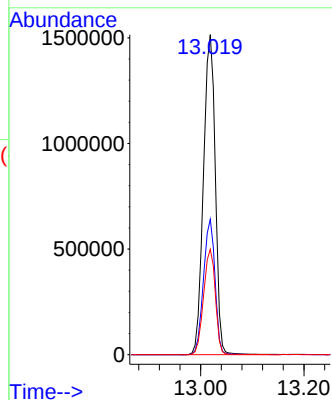
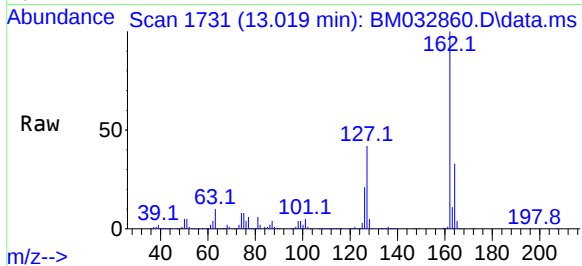




#47
2-Chloronaphthalene
Concen: 119.403 ng
RT: 13.019 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

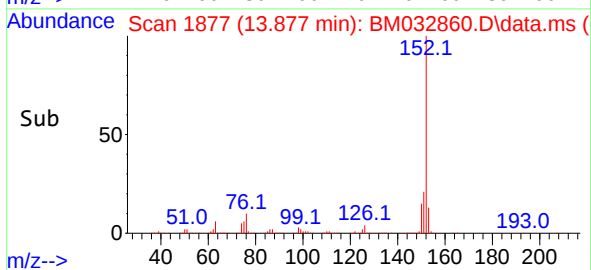
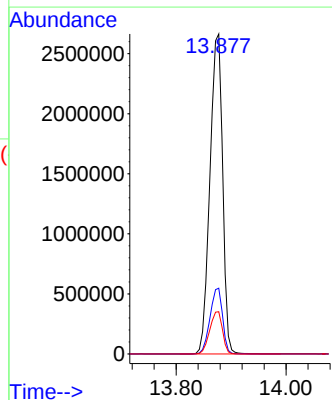
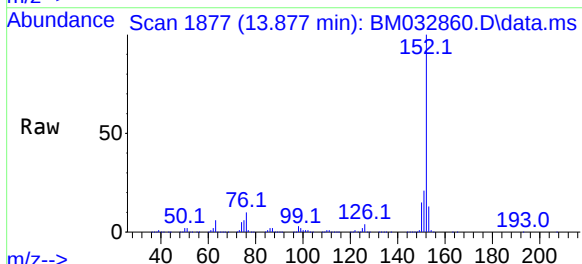
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

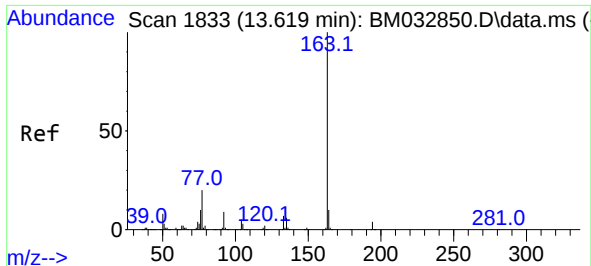
Tgt Ion:162 Resp: 2411433
Ion Ratio Lower Upper
162 100
127 42.3 33.2 49.8
164 33.0 25.7 38.5



#49
Acenaphthylene
Concen: 131.636 ng
RT: 13.877 min Scan# 1877
Delta R.T. 0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:152 Resp: 4265391
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 13.2 10.6 15.8

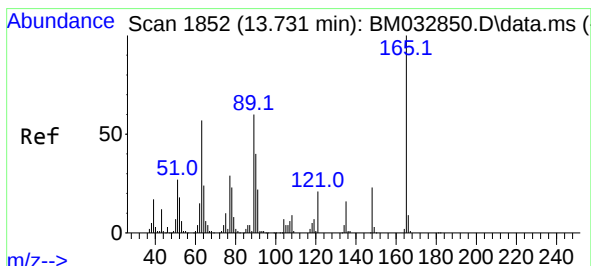
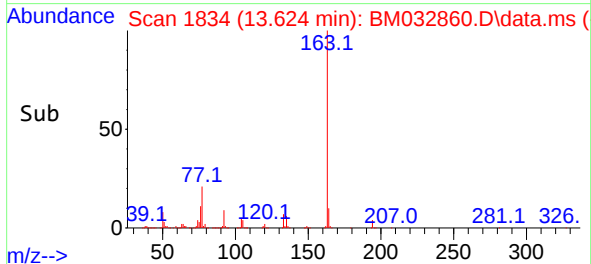
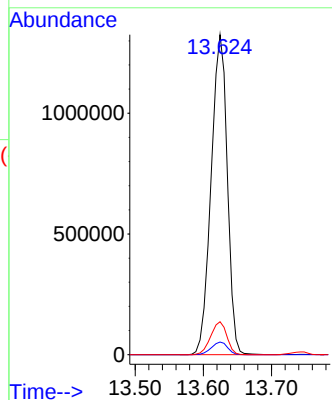
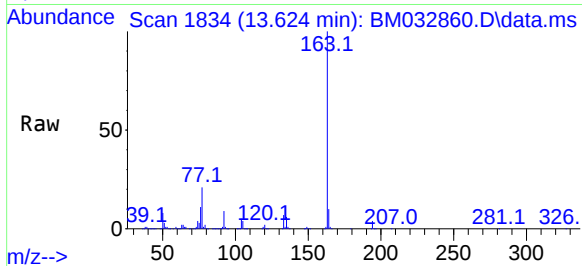




#50
Dimethylphthalate
Concen: 82.775 ng
RT: 13.624 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

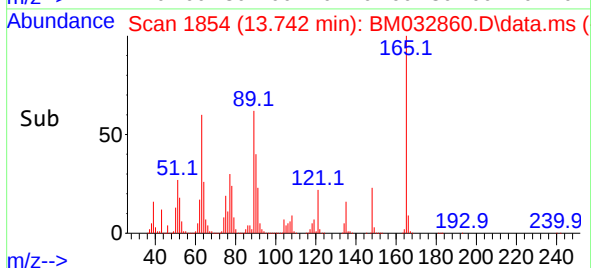
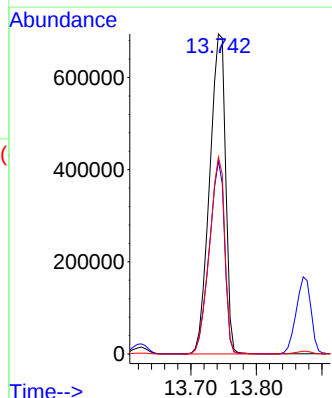
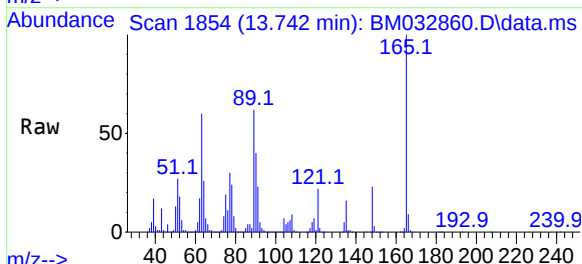
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

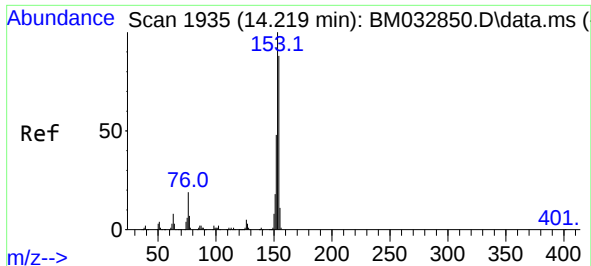
Tgt Ion:163 Resp: 2192408
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 10.3 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 216.946 ng
RT: 13.742 min Scan# 1854
Delta R.T. 0.012 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:165 Resp: 1174469
Ion Ratio Lower Upper
165 100
63 60.3 72.4 108.6#
89 61.6 69.3 103.9#

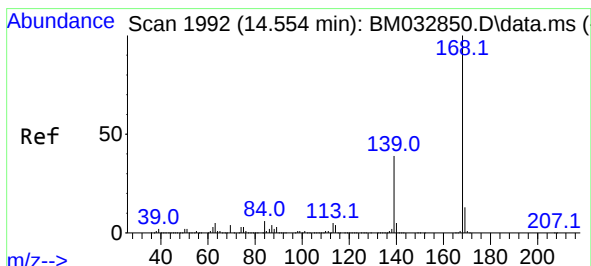
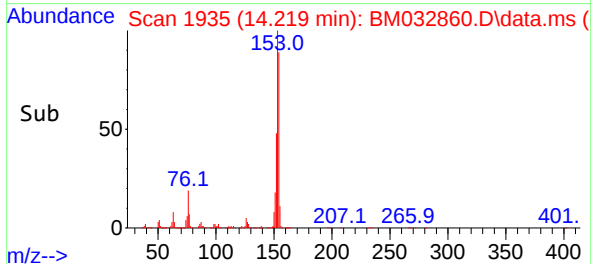
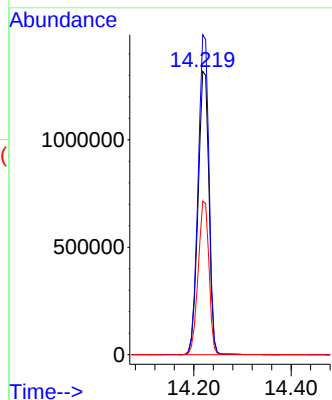
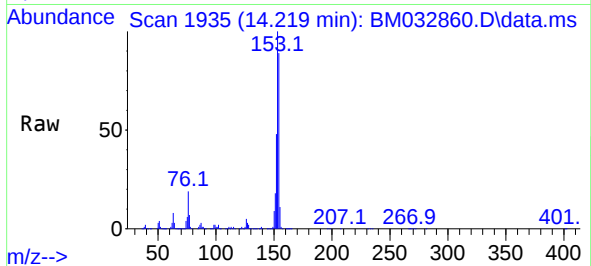




#52
Acenaphthene
Concen: 106.043 ng
RT: 14.219 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

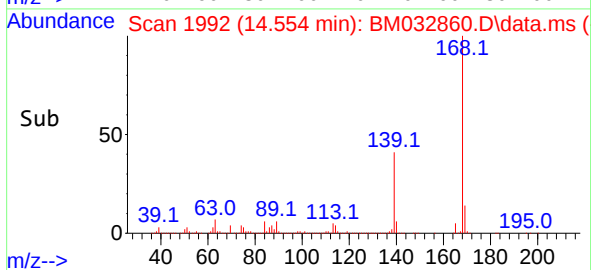
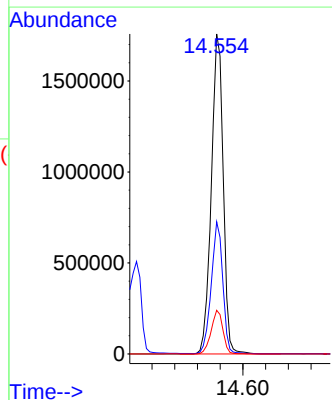
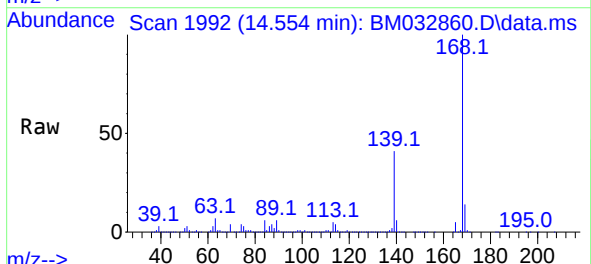
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

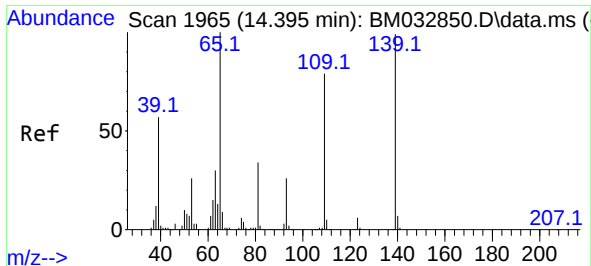
Tgt Ion:154 Resp: 2046816
Ion Ratio Lower Upper
154 100
153 113.0 92.4 138.6
152 54.2 43.7 65.5



#55
Dibenzofuran
Concen: 78.522 ng
RT: 14.554 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:168 Resp: 2544358
Ion Ratio Lower Upper
168 100
139 41.3 35.0 52.4
169 13.6 10.8 16.2

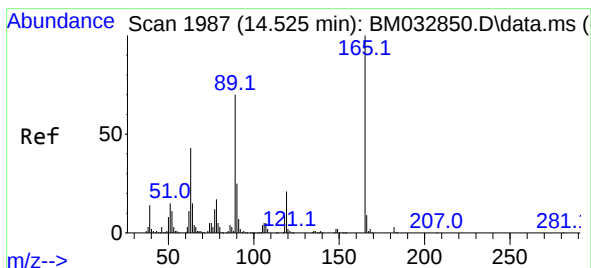
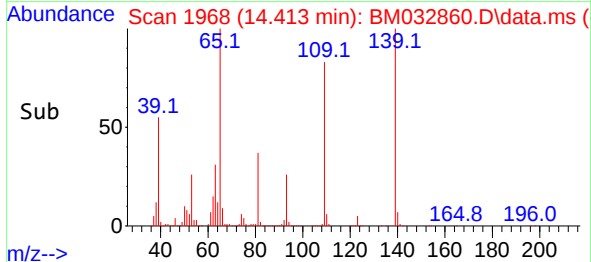
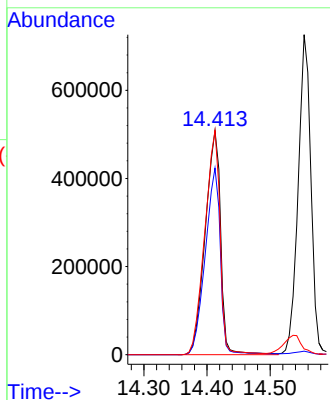
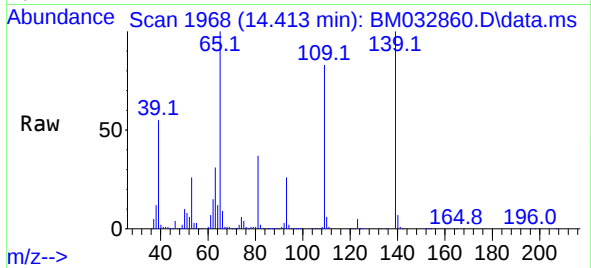




#56
4-Nitrophenol
Concen: 179.241 ng
RT: 14.413 min Scan# 1965
Delta R.T. 0.017 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

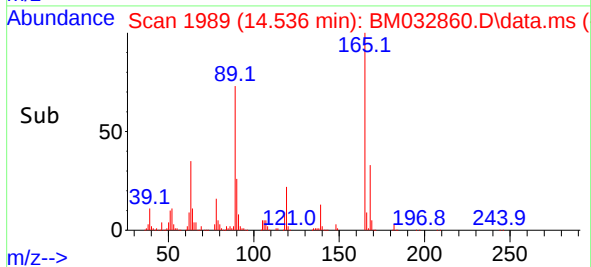
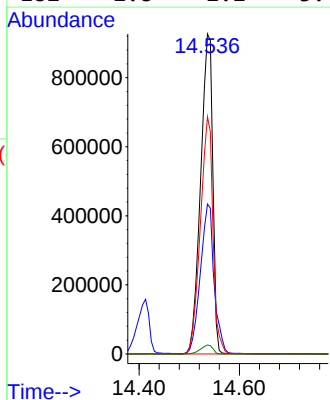
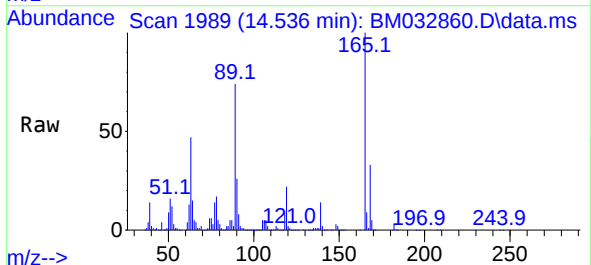
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

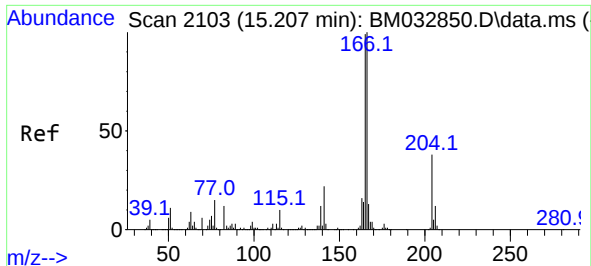
Tgt Ion:139 Resp: 860509
Ion Ratio Lower Upper
139 100
109 83.2 92.3 132.3#
65 100.1 110.5 150.5#



#57
2,4-Dinitrotoluene
Concen: 212.799 ng
RT: 14.536 min Scan# 1989
Delta R.T. 0.012 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:165 Resp: 1560550
Ion Ratio Lower Upper
165 100
63 46.8 70.3 105.5#
89 74.2 83.1 124.7#
182 2.8 2.2 3.4

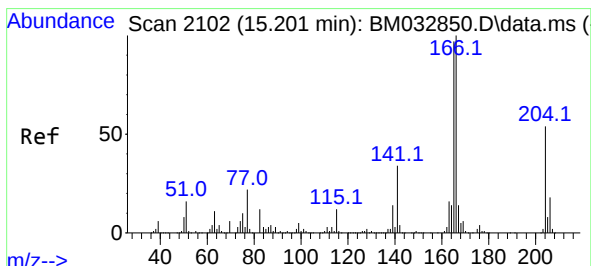
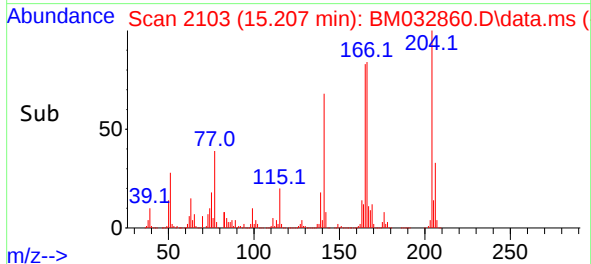
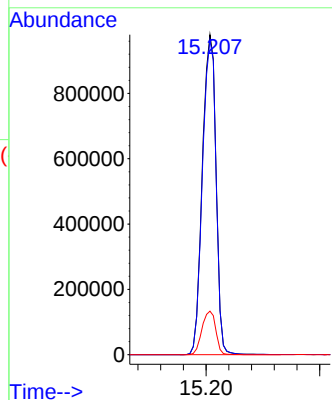
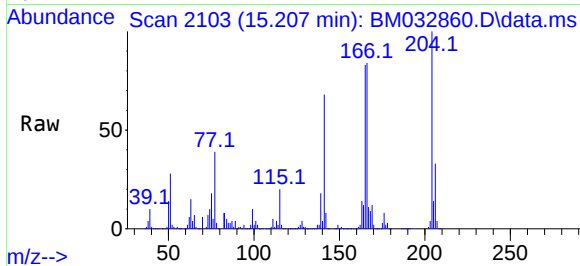




#58
Fluorene
Concen: 67.038 ng
RT: 15.207 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

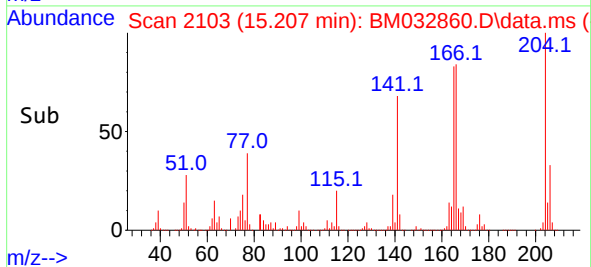
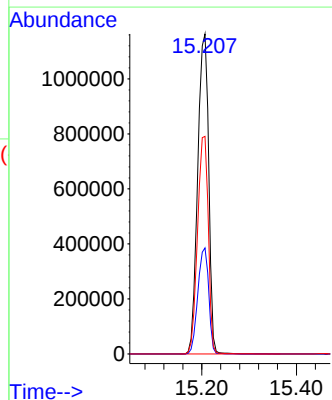
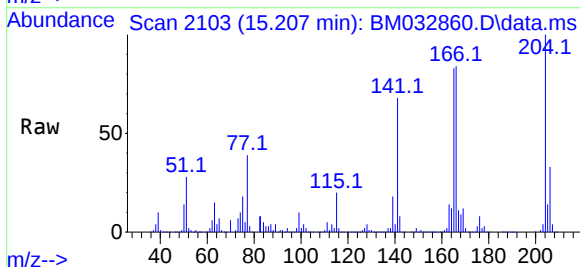
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

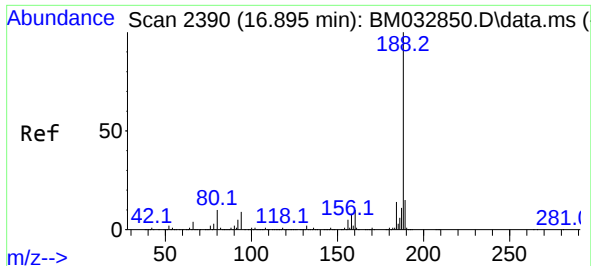
Tgt Ion:166 Resp: 1628541
Ion Ratio Lower Upper
166 100
165 98.3 79.3 118.9
167 13.6 10.6 16.0



#61
4-Chlorophenyl-phenylether
Concen: 145.576 ng
RT: 15.207 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:204 Resp: 1869724
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 68.0 55.8 83.8

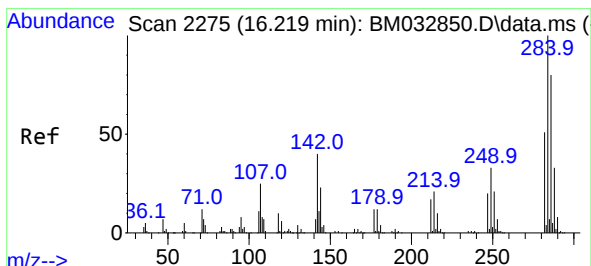
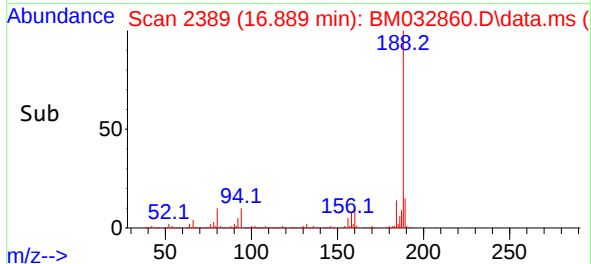
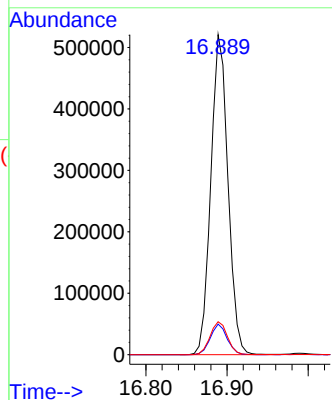
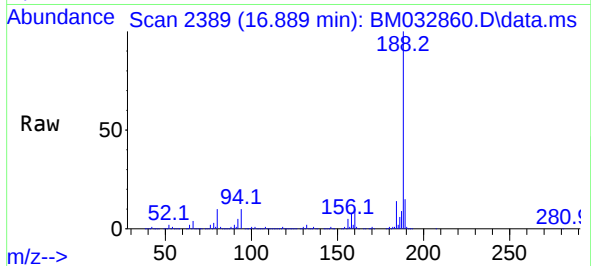




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

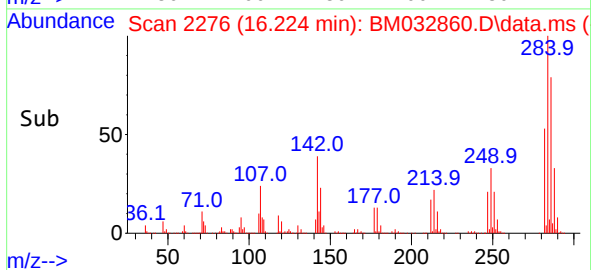
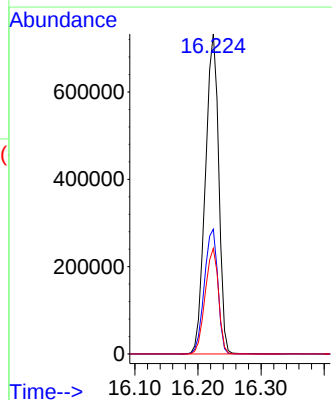
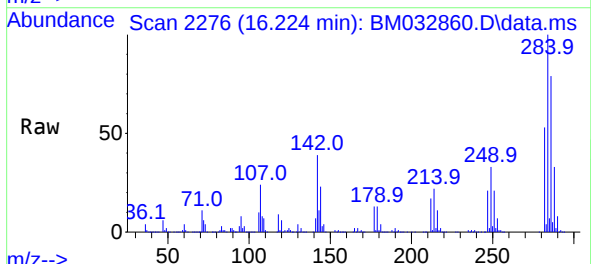
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

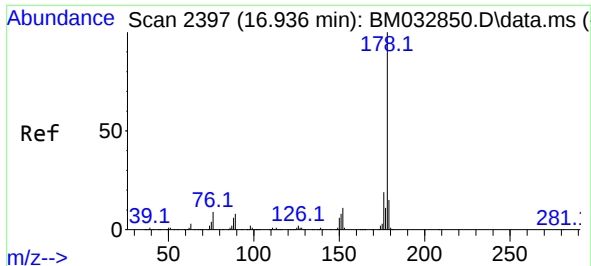
Tgt Ion:188 Resp: 763247
Ion Ratio Lower Upper
188 100
94 9.5 6.3 9.5#
80 10.3 7.3 10.9



#68
Hexachlorobenzene
Concen: 125.617 ng
RT: 16.224 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:284 Resp: 1079949
Ion Ratio Lower Upper
284 100
142 39.0 43.0 64.6#
249 33.0 27.6 41.4

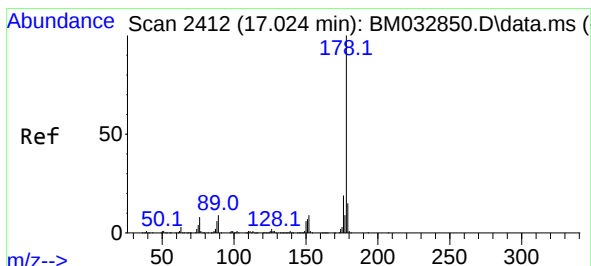
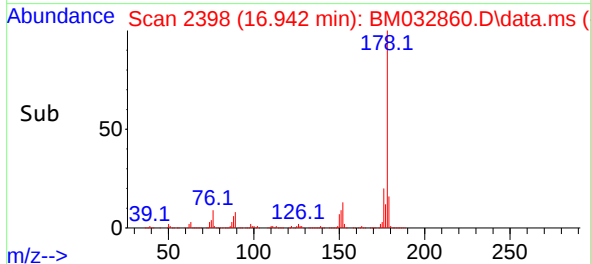
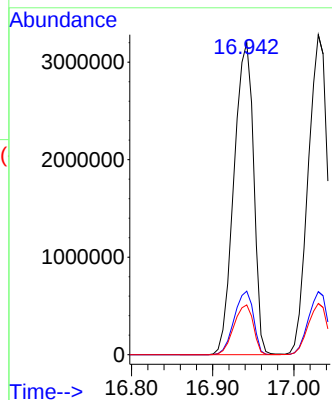
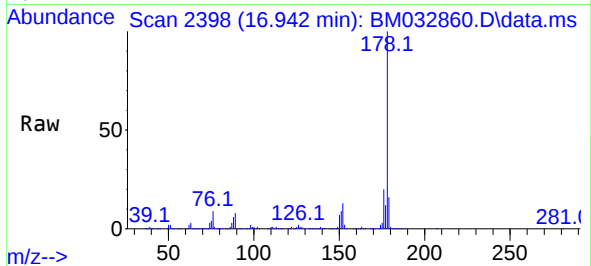




#71
Phenanthrene
Concen: 132.492 ng
RT: 16.942 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

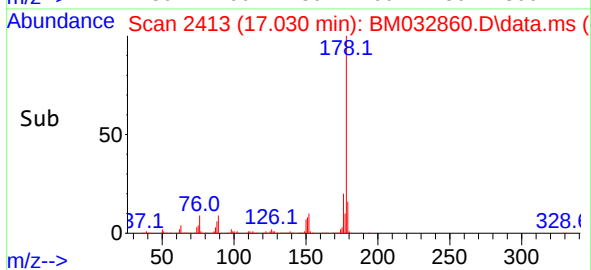
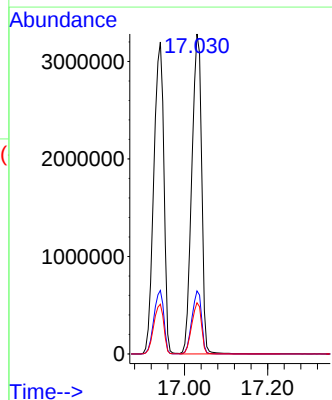
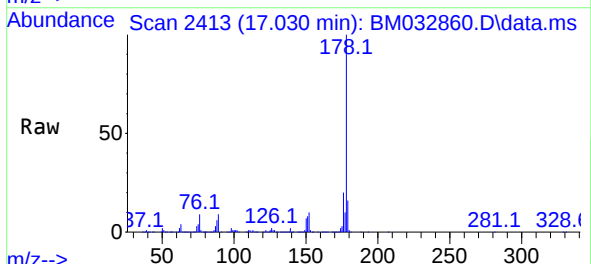
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

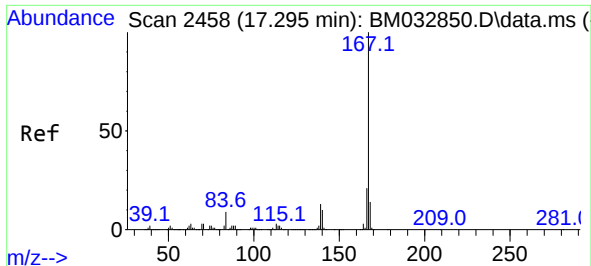
Tgt Ion:178 Resp: 5362001
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 16.0 12.4 18.6



#72
Anthracene
Concen: 134.592 ng
RT: 17.030 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:178 Resp: 5376240
Ion Ratio Lower Upper
178 100
176 19.7 14.8 22.2
179 16.0 12.3 18.5



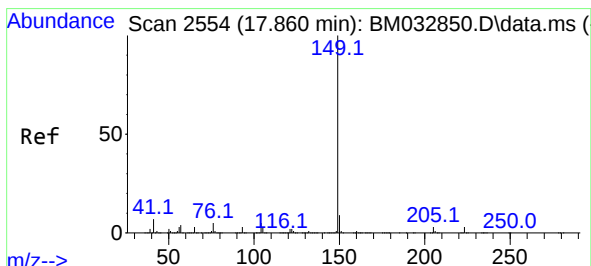
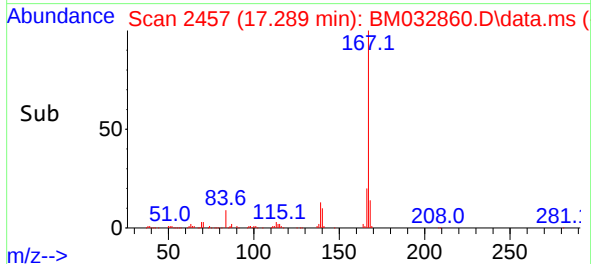
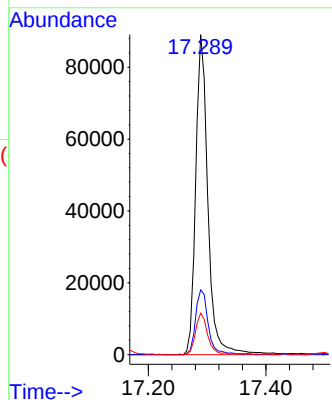
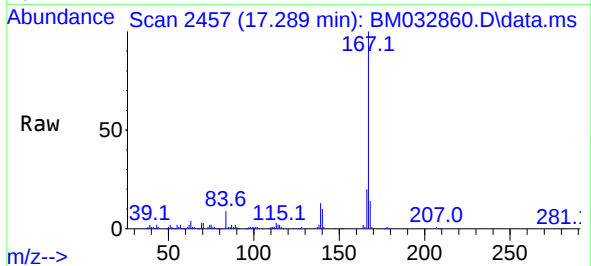


#73
 Carbazole
 Concen: 3.223 ng
 RT: 17.289 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BM032860.D
 Acq: 03 Nov 2021 14:03

Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion:167 Resp: 128293

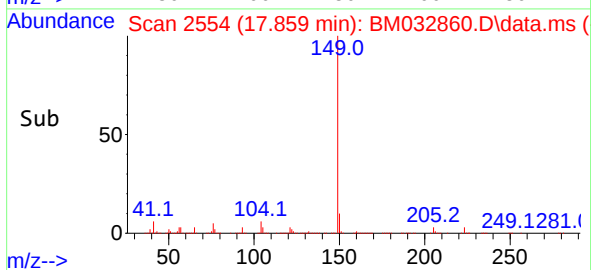
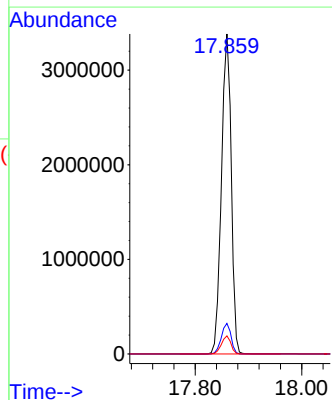
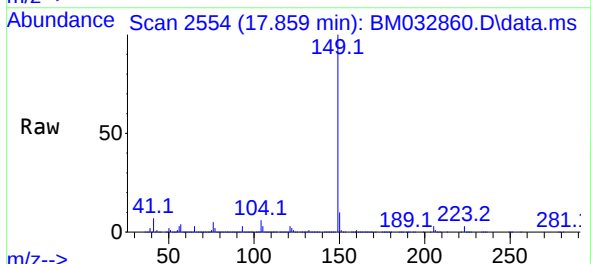
Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.4	26.0
139	13.0	11.9	17.9

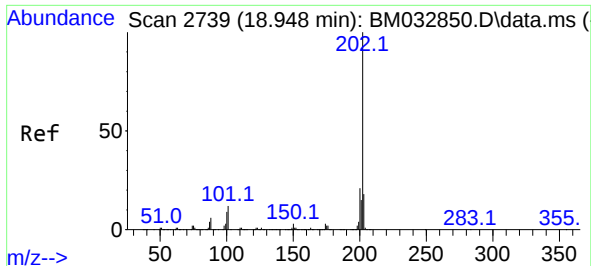


#74
 Di-n-butylphthalate
 Concen: 98.412 ng
 RT: 17.859 min Scan# 2554
 Delta R.T. -0.000 min
 Lab File: BM032860.D
 Acq: 03 Nov 2021 14:03

Tgt Ion:149 Resp: 4295929

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	5.6	5.6	8.4

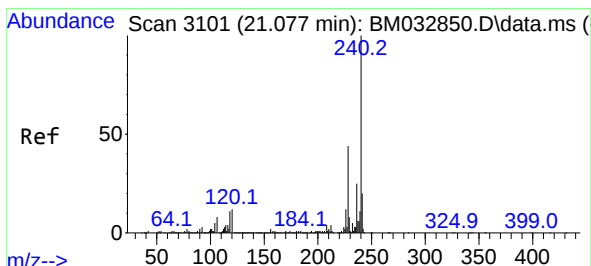
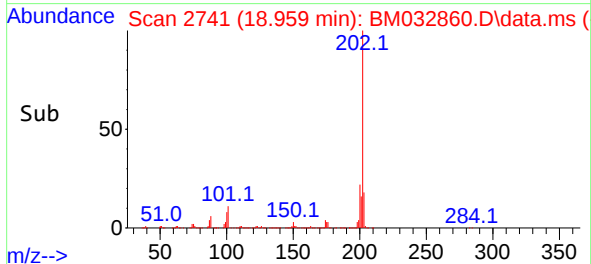
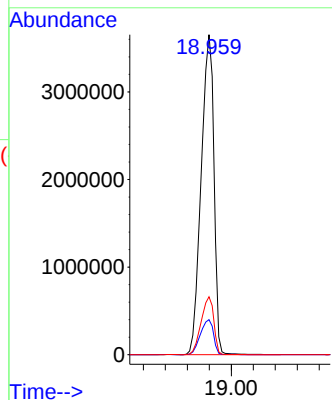
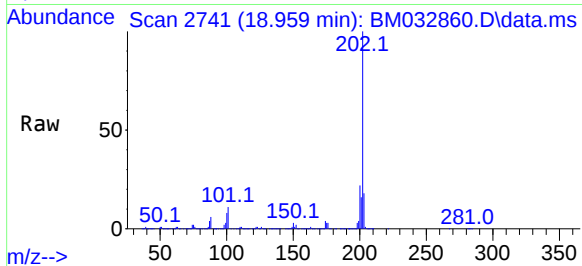




#75
Fluoranthene
Concen: 126.888 ng
RT: 18.959 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

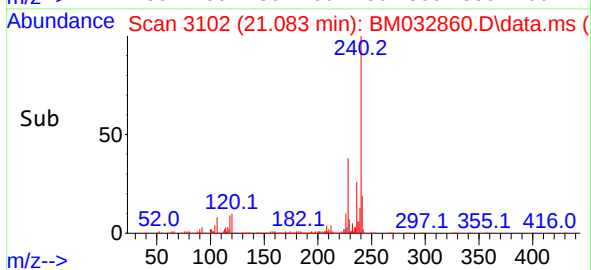
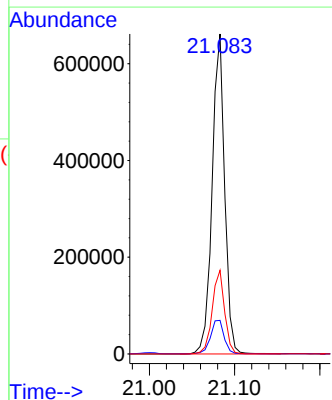
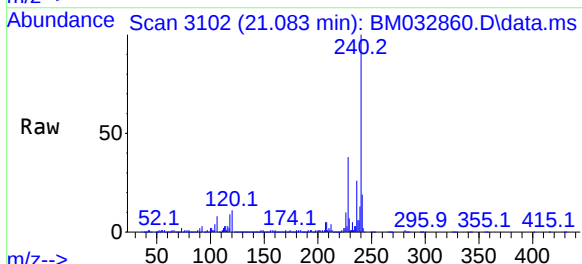
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

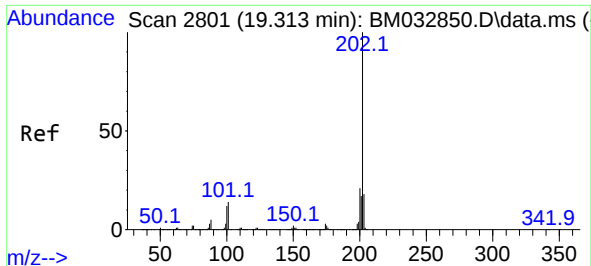
Tgt Ion:202 Resp: 5891632
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.9
203 18.1 0.0 36.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.083 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:240 Resp: 675108
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 26.2 20.9 31.3

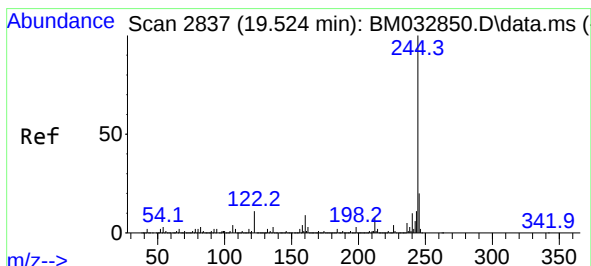
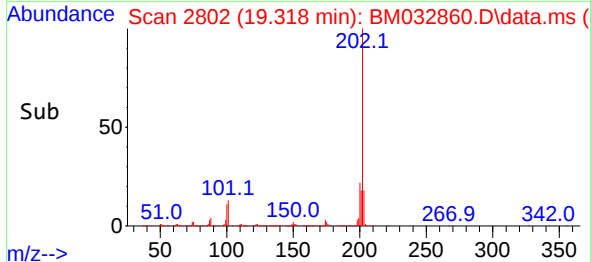
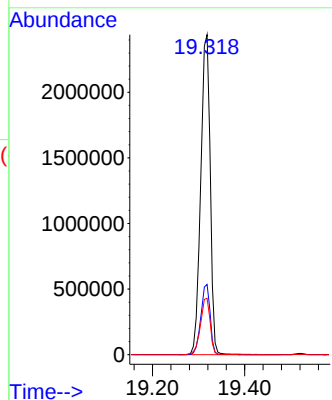
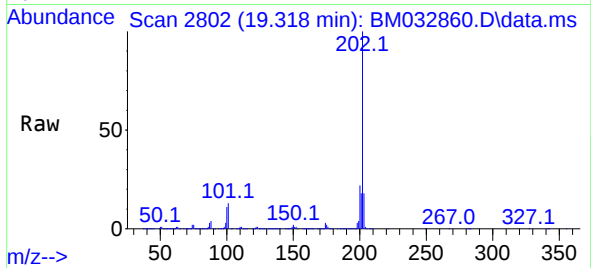




#78
 Pyrene
 Concen: 77.025 ng
 RT: 19.318 min Scan# 2801
 Delta R.T. 0.006 min
 Lab File: BM032860.D
 Acq: 03 Nov 2021 14:03

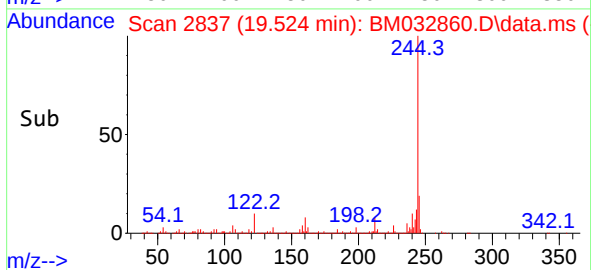
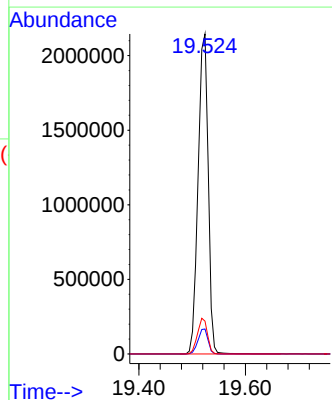
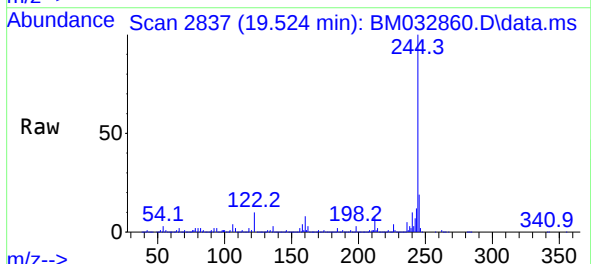
Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOIL

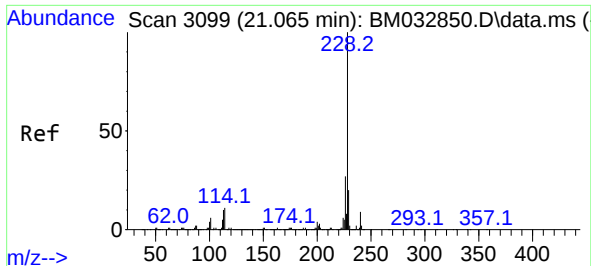
Tgt Ion:202 Resp: 3483803
 Ion Ratio Lower Upper
 202 100
 200 21.9 16.6 25.0
 203 17.6 13.7 20.5



#79
 Terphenyl-d14
 Concen: 91.041 ng
 RT: 19.524 min Scan# 2837
 Delta R.T. -0.000 min
 Lab File: BM032860.D
 Acq: 03 Nov 2021 14:03

Tgt Ion:244 Resp: 2815186
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 10.3 8.7 13.1

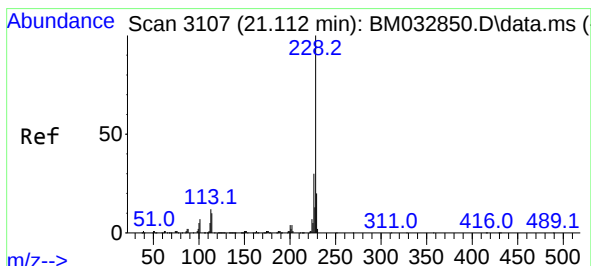
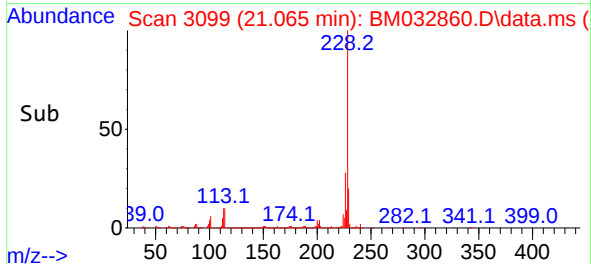
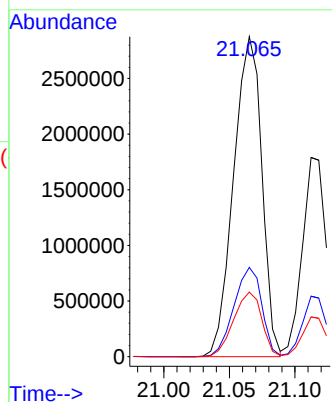
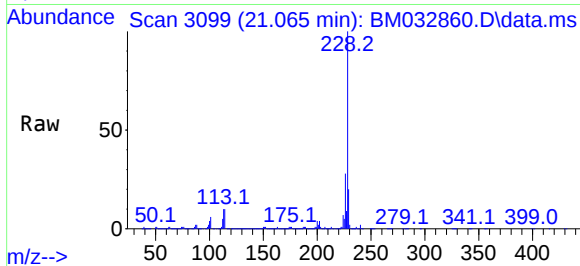




#81
Benzo(a)anthracene
Concen: 100.033 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

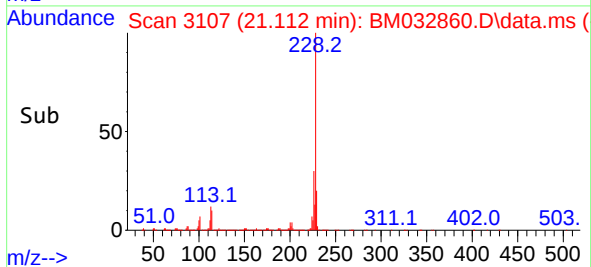
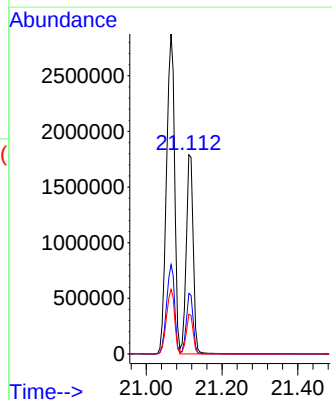
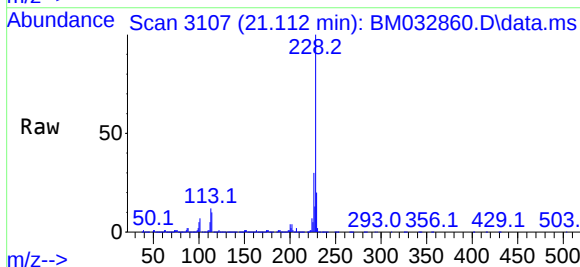
Instrument :
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ClientSampleId :
PT-BNA-SOIL

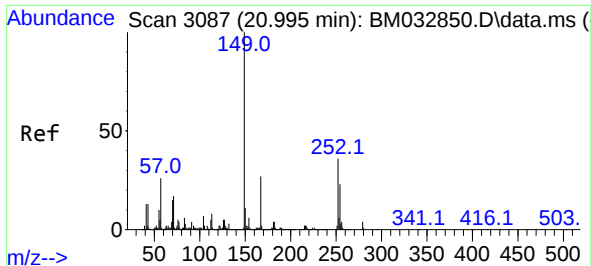
Tgt Ion:228 Resp: 4308575
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.2
229 20.2 15.3 22.9



#83
Chrysene
Concen: 53.826 ng
RT: 21.112 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:228 Resp: 2277644
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 19.9 16.0 24.0

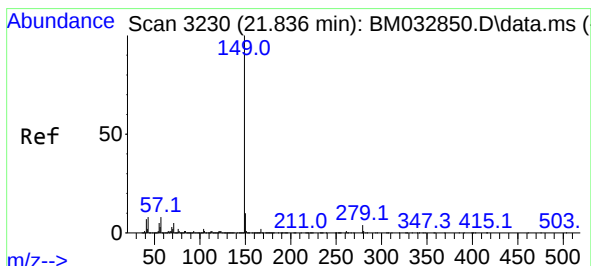
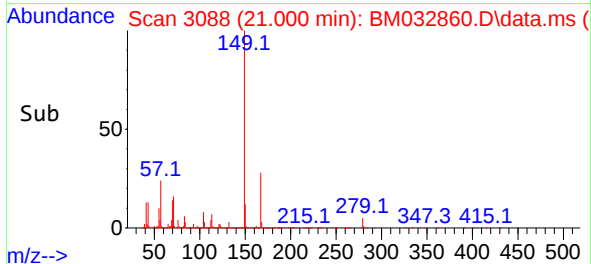
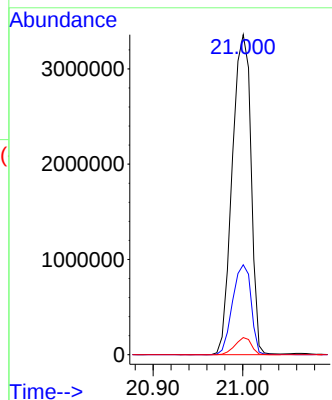
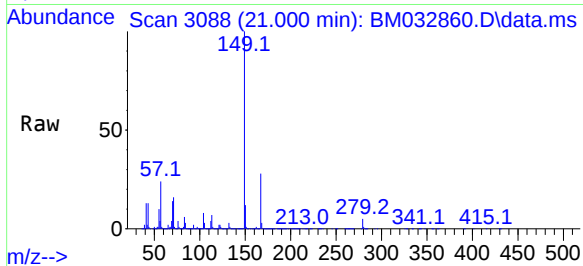




#84
Bis(2-ethylhexyl)phthalate
Concen: 200.599 ng
RT: 21.000 min Scan# 3087
Delta R.T. 0.006 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

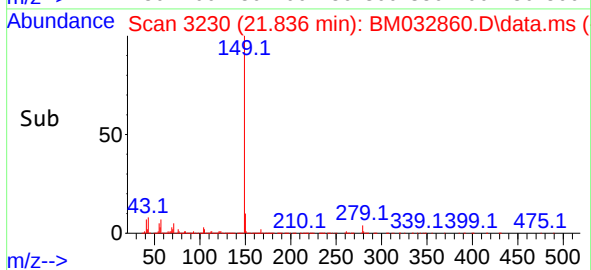
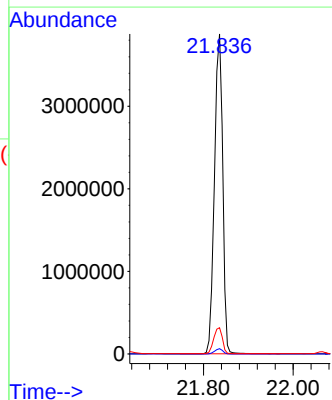
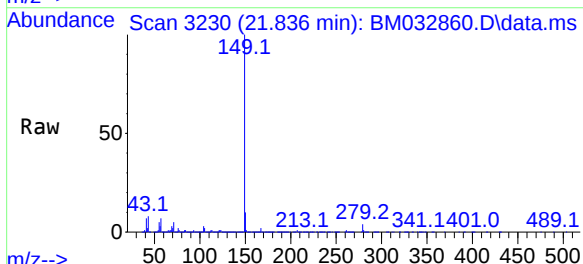
Instrument :
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ClientSampleId :
PT-BNA-SOIL

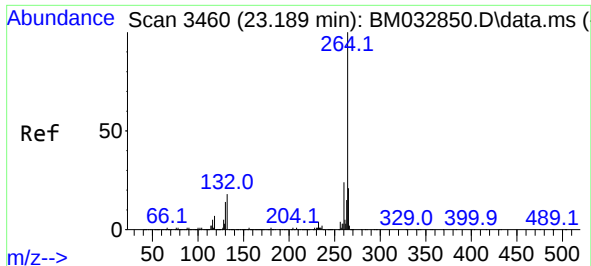
Tgt Ion:149 Resp: 4864493
Ion Ratio Lower Upper
149 100
167 28.1 19.7 29.5
279 5.4 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 114.645 ng
RT: 21.836 min Scan# 3230
Delta R.T. -0.000 min
Lab File: BM032860.D
Acq: 03 Nov 2021 14:03

Tgt Ion:149 Resp: 4958093
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 10.4 15.6#

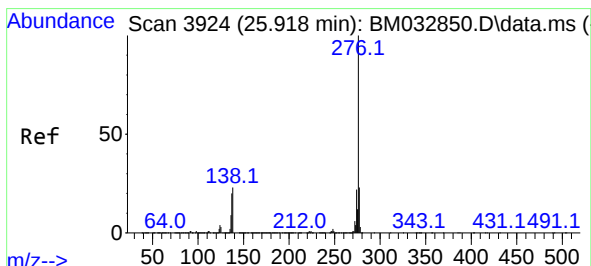
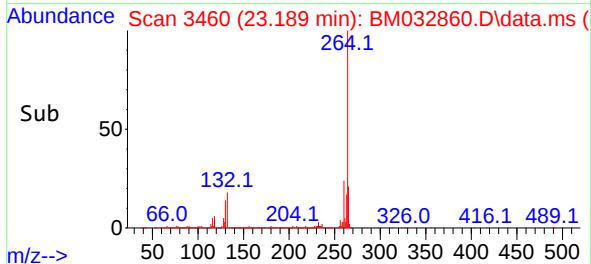
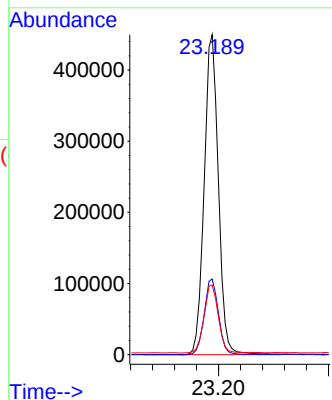
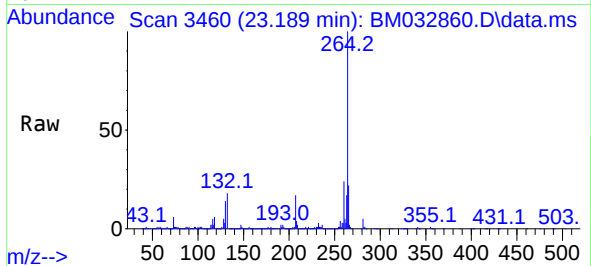




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.189 min Scan# 3460
 Delta R.T. -0.000 min
 Lab File: BM032860.D
 Acq: 03 Nov 2021 14:03

Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion:264 Resp: 804284
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.8 18.3 27.5



#92
 Benzo(g,h,i)perylene
 Concen: 103.267 ng
 RT: 25.935 min Scan# 3927
 Delta R.T. 0.017 min
 Lab File: BM032860.D
 Acq: 03 Nov 2021 14:03

Tgt Ion:276 Resp: 4251637
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.4 29.0
 138 22.8 14.6 22.0#

