

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
 Data File : BM037502.D
 Acq On : 14 Nov 2022 14:08
 Operator : CG/JU
 Sample : N5317-12DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOILD

Quant Time: Nov 15 00:02:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 14 01:42:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	204700	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	920224	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	603073	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1297323	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1442399	20.000	ng	0.00
86) Perylene-d12	23.715	264	1472287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	250510	23.111	ng	0.00
7) Phenol-d6	6.969	99	350875	22.498	ng	-0.01
23) Nitrobenzene-d5	8.963	82	227983	12.875	ng	-0.01
42) 2,4,6-Tribromophenol	15.933	330	185462	22.241	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	591963	13.642	ng	0.00
79) Terphenyl-d14	19.815	244	1163453	16.109	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	7.222	93	461443	23.384	ng	# 56
10) Phenol	6.998	94	235806	13.275	ng	97
11) bis(2-Chloroethyl)ether	7.222	93	461443	32.085	ng	99
12) 1,3-Dichlorobenzene	7.675	146	448501	28.619	ng	97
13) 1,4-Dichlorobenzene	7.675	146	448501	27.690	ng	99
14) 1,2-Dichlorobenzene	8.139	146	346057	21.711	ng	99
19) n-Nitroso-di-n-propyla...	8.604	70	179032	14.538	ng	98
24) Nitrobenzene	9.004	77	459482	25.155	ng	98
25) Isophorone	9.528	82	913288	27.956	ng	98
26) 2-Nitrophenol	9.716	139	162418	19.063	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	311797	16.549	ng	100
30) 1,2,4-Trichlorobenzene	10.457	180	445324	27.857	ng	97
32) Benzoic acid	9.710	122	9866	6.669	ng	# 10
34) Hexachlorobutadiene	10.916	225	235918	25.333	ng	98
36) 4-Chloro-3-methylphenol	11.898	107	276121	17.283	ng	99
37) 2-Methylnaphthalene	12.257	142	267102	7.280	ng	100
38) 1-Methylnaphthalene	12.257	142	266828	7.316	ng	98
43) 2,4,6-Trichlorophenol	12.874	196	213840	16.831	ng	99
44) 2,4,5-Trichlorophenol	12.874	196	213840	15.201	ng	# 91
47) 2-Chloronaphthalene	13.316	162	357745	9.525	ng	99
49) Acenaphthylene	14.163	152	480464	7.987	ng	99
50) Dimethylphthalate	13.910	163	1025831	21.252	ng	100
51) 2,6-Dinitrotoluene	14.033	165	134253	12.944	ng	92
52) Acenaphthene	14.504	154	336702	9.170	ng	98
53) 3-Nitroaniline	14.504	138	326	2.981	ng	# 1
55) Dibenzofuran	14.839	168	914933	15.582	ng	99
56) 4-Nitrophenol	14.686	139	111848	15.341	ng	96
57) 2,4-Dinitrotoluene	14.821	165	158977	11.072	ng	91
58) Fluorene	15.492	166	1244657	24.997	ng	100
61) 4-Chlorophenyl-phenyle...	15.486	204	341343	14.671	ng	99
62) 4-Nitroaniline	15.486	138	15082	4.947	ng	# 30
67) 4-Bromophenyl-phenylether	16.380	248	202374	13.937	ng	98
71) Phenanthrene	17.227	178	973469	12.224	ng	99
72) Anthracene	17.227	178	973469	12.747	ng	100
74) Di-n-butylphthalate	18.156	149	1582572	16.653	ng	99
75) Fluoranthene	19.245	202	1193238	12.570	ng	99

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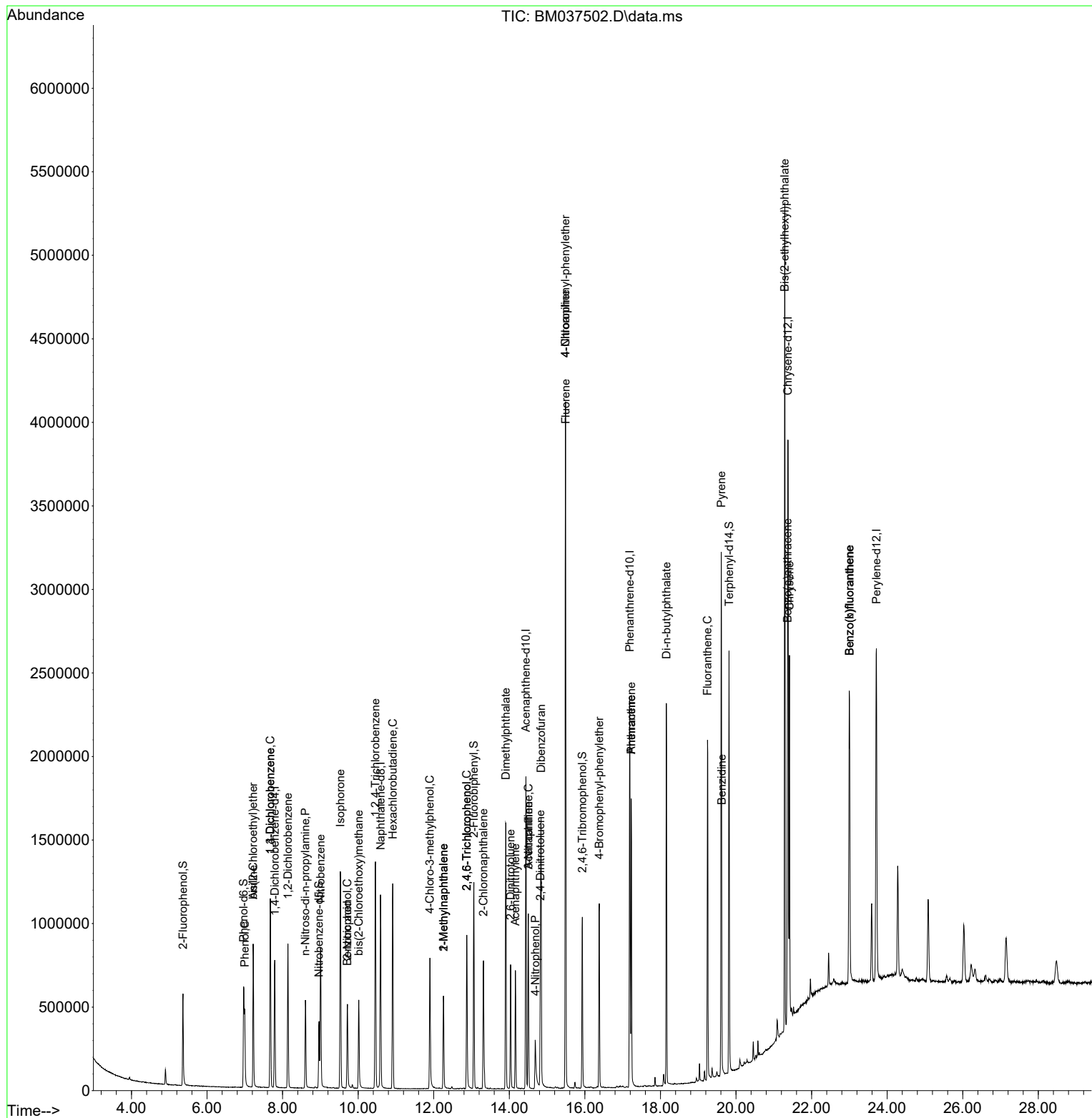
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	19.621	184	55	2.436	ng	# 1
78) Pyrene	19.609	202	1775020	18.765	ng	99
81) Benzo(a)anthracene	21.362	228	779157	7.706	ng	98
83) Chrysene	21.415	228	1054129	10.799	ng	98
84) Bis(2-ethylhexyl)phtha...	21.292	149	1674214	27.944	ng	98
88) Benzo(b)fluoranthene	23.003	252	1128398	11.430	ng	99
89) Benzo(k)fluoranthene	23.003	252	1128398	11.270	ng	99

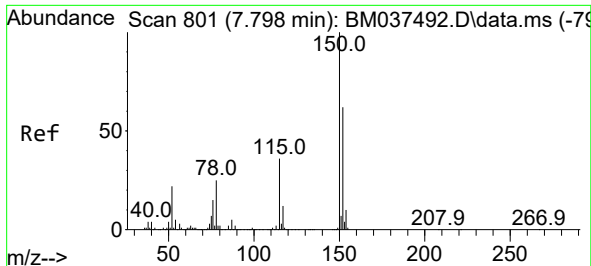
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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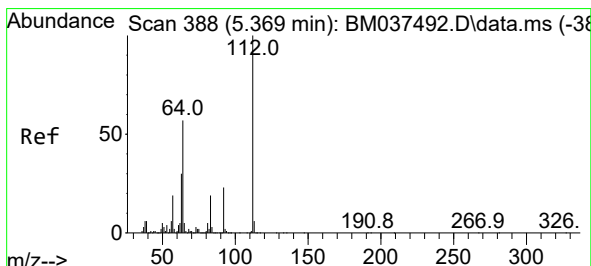
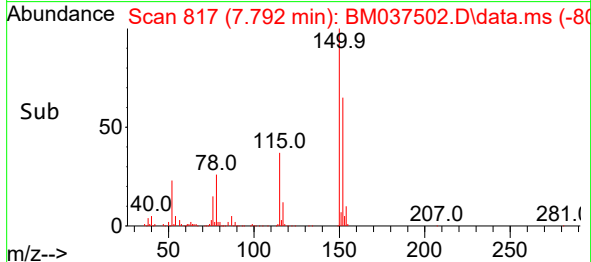
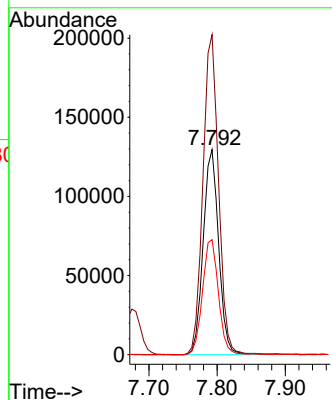
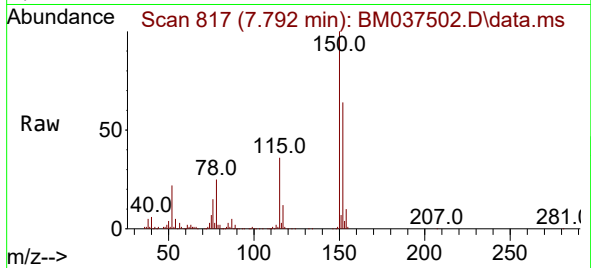




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

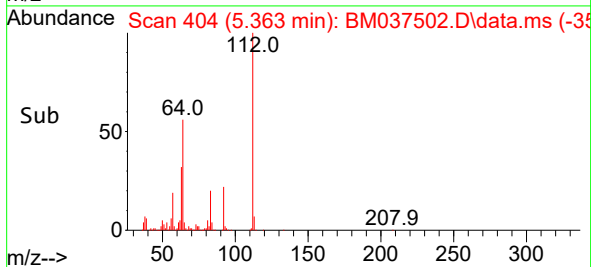
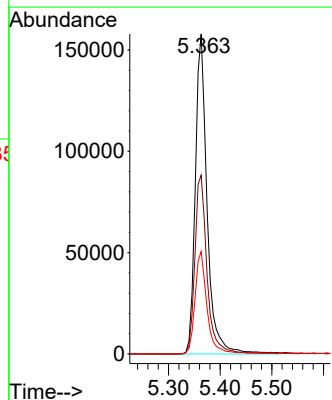
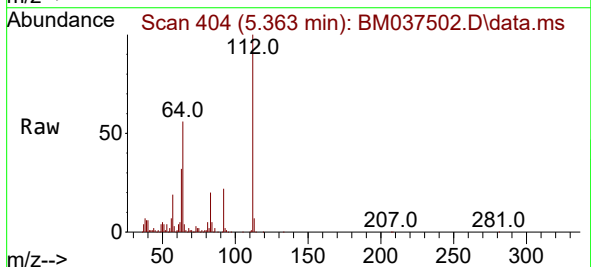
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

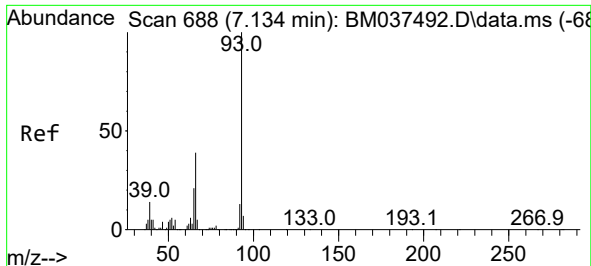
Tgt Ion:152 Resp: 204700
Ion Ratio Lower Upper
152 100
150 156.0 129.8 194.6
115 56.1 46.6 69.8



#5
2-Fluorophenol
Concen: 23.111 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:112 Resp: 250510
Ion Ratio Lower Upper
112 100
64 55.9 45.9 68.9
63 32.0 24.2 36.4

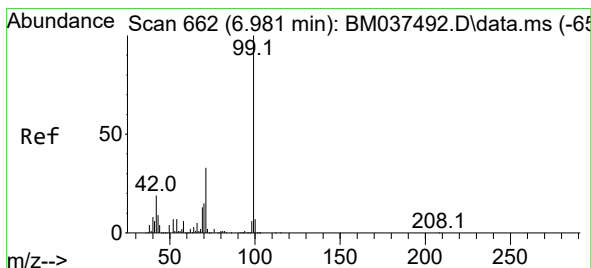
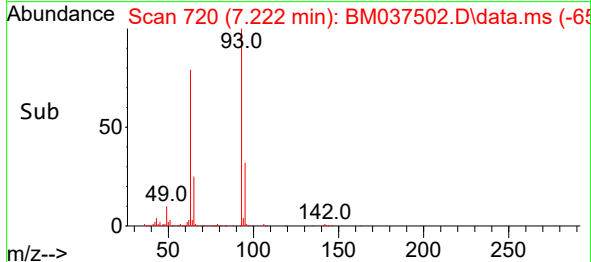
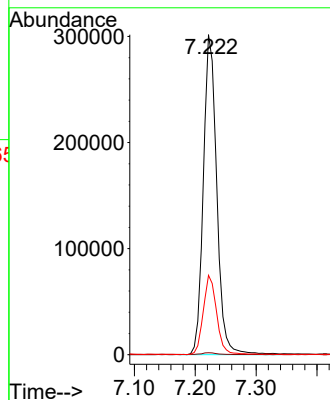
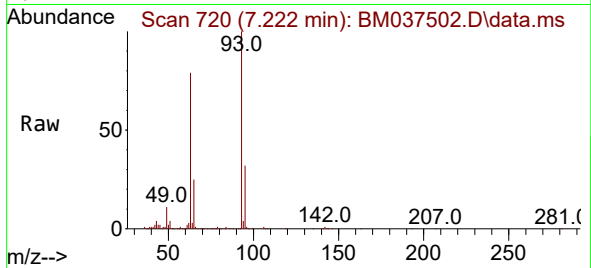




#6
Aniline
Concen: 23.384 ng
RT: 7.222 min Scan# 71
Delta R.T. 0.088 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

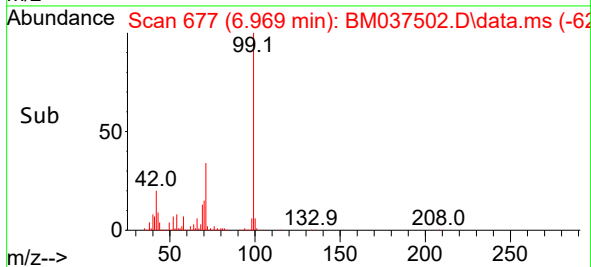
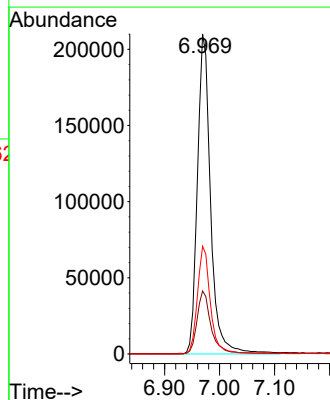
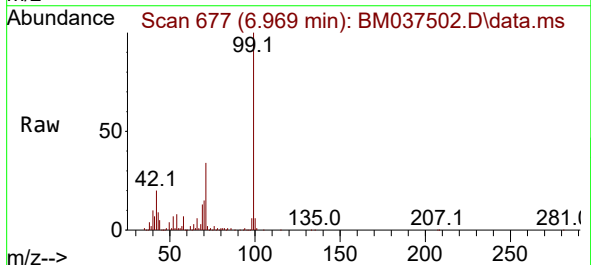
Instrument :
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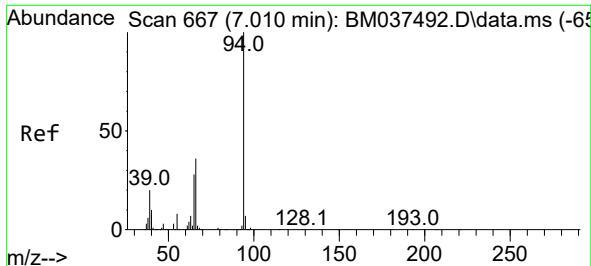
Tgt Ion: 93 Resp: 461443
Ion Ratio Lower Upper
93 100
66 0.6 31.6 47.4#
65 24.8 16.9 25.3



#7
Phenol-d6
Concen: 22.498 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion: 99 Resp: 350875
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.6
71 33.6 26.2 39.2

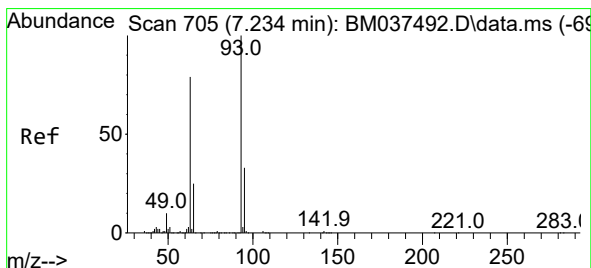
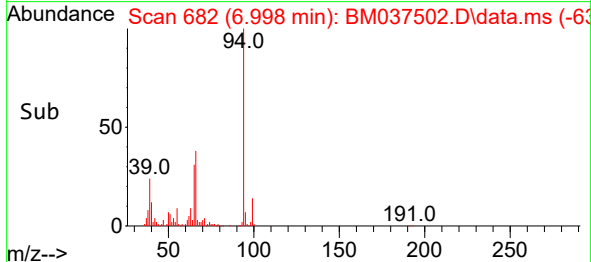
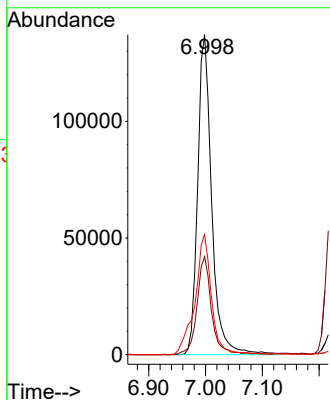
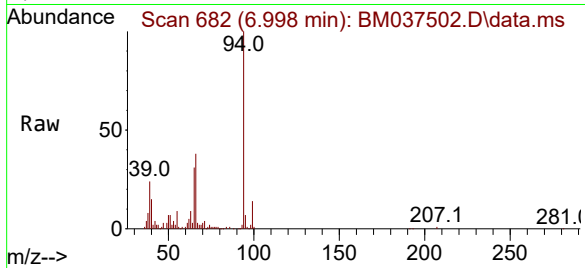




#10
Phenol
Concen: 13.275 ng
RT: 6.998 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

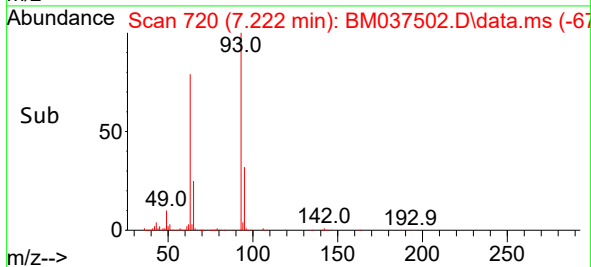
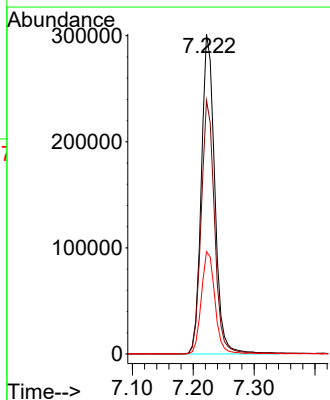
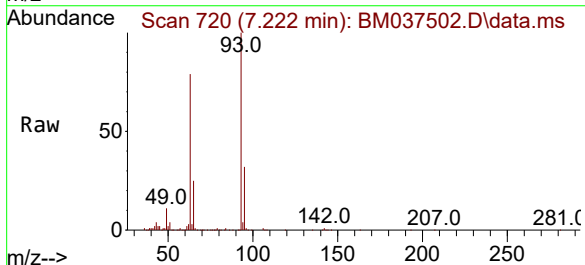
Instrument :
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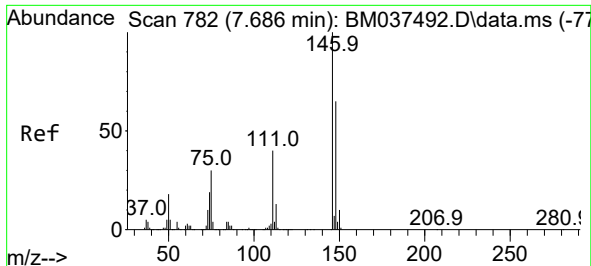
Tgt Ion: 94 Resp: 235806
Ion Ratio Lower Upper
94 100
65 30.6 8.6 48.6
66 37.6 16.5 56.5



#11
bis(2-Chloroethyl)ether
Concen: 32.085 ng
RT: 7.222 min Scan# 720
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion: 93 Resp: 461443
Ion Ratio Lower Upper
93 100
63 79.3 58.3 98.3
95 32.0 12.6 52.6





#12

1,3-Dichlorobenzene

Concen: 28.619 ng

RT: 7.675 min Scan# 797

Delta R.T. -0.012 min

Lab File: BM037502.D

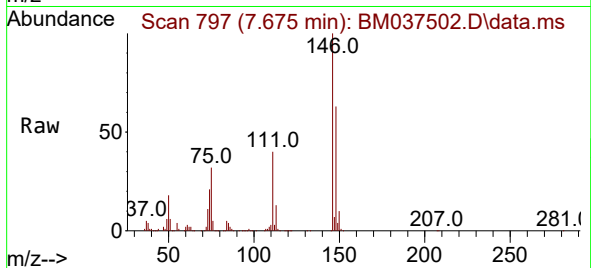
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Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILD



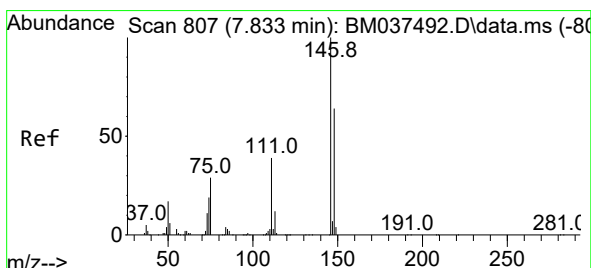
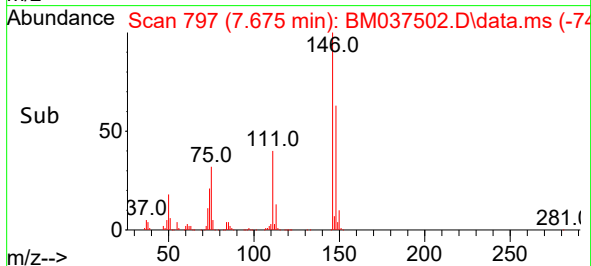
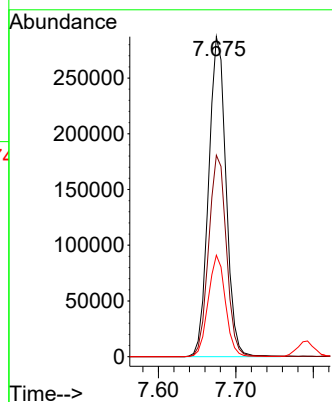
Tgt Ion:146 Resp: 448501

Ion Ratio Lower Upper

146 100

148 62.9 51.7 77.5

75 31.7 23.8 35.6



#13

1,4-Dichlorobenzene

Concen: 27.690 ng

RT: 7.675 min Scan# 797

Delta R.T. -0.159 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

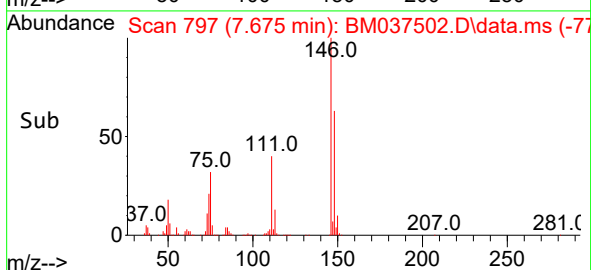
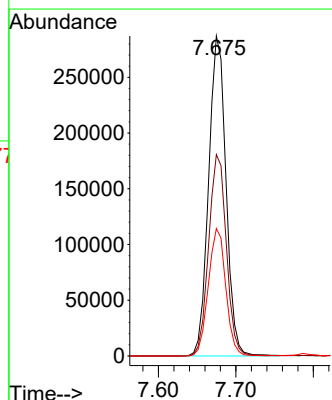
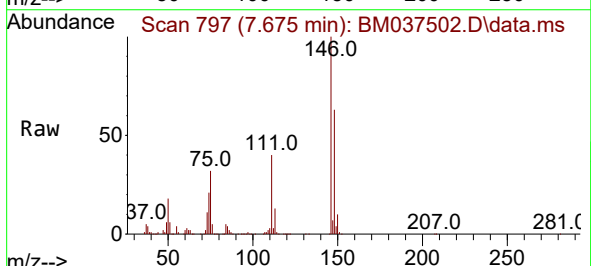
Tgt Ion:146 Resp: 448501

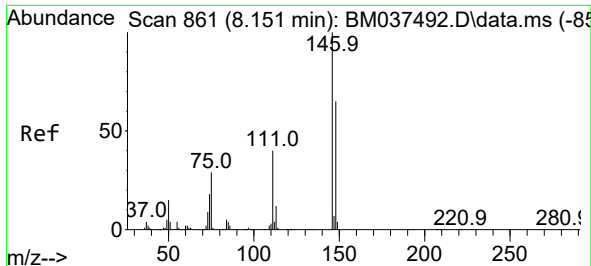
Ion Ratio Lower Upper

146 100

148 62.9 51.6 77.4

111 39.8 31.8 47.8

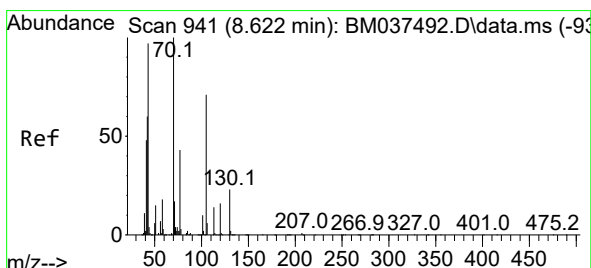
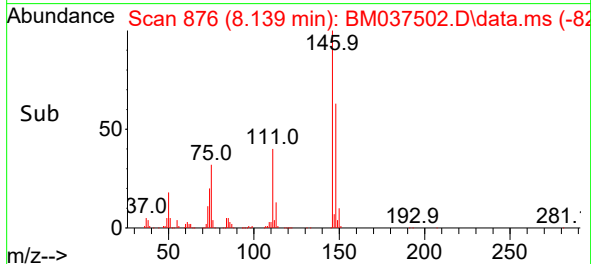
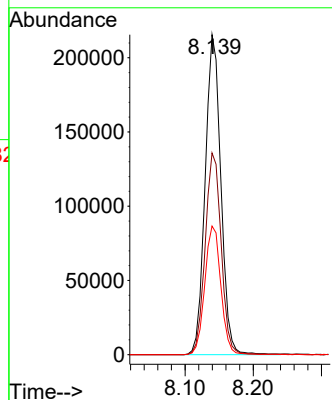
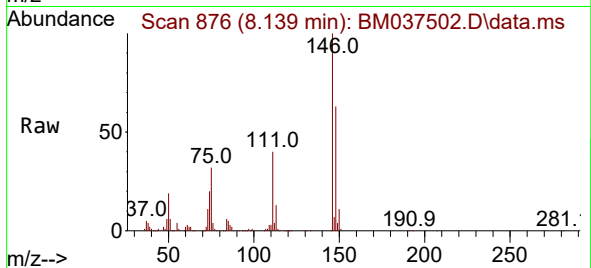




#14
1,2-Dichlorobenzene
Concen: 21.711 ng
RT: 8.139 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

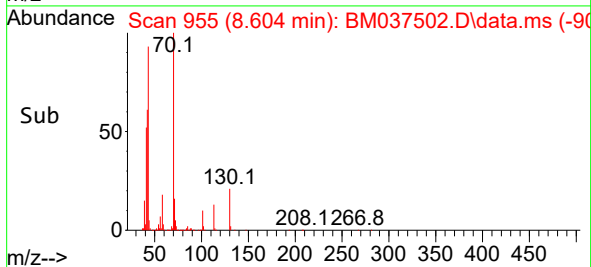
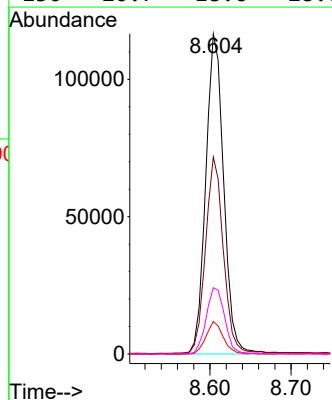
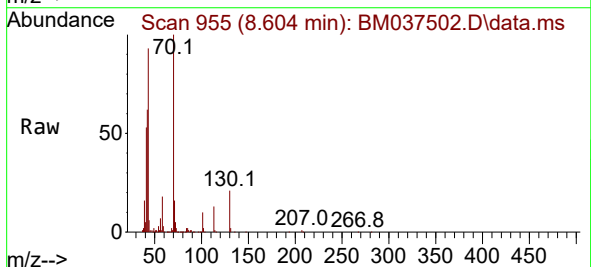
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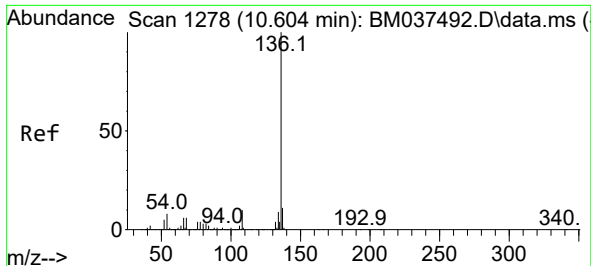
Tgt Ion:146 Resp: 346057
Ion Ratio Lower Upper
146 100
148 63.1 51.7 77.5
111 40.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.538 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.018 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion: 70 Resp: 179032
Ion Ratio Lower Upper
70 100
42 61.5 48.5 72.7
101 10.2 7.8 11.6
130 20.7 18.6 28.0

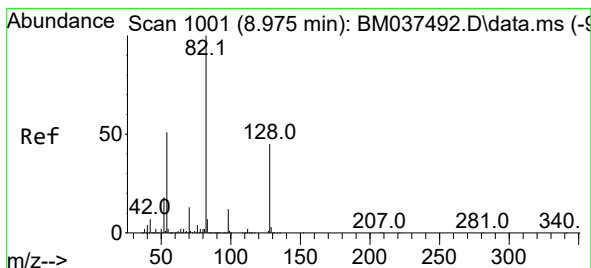
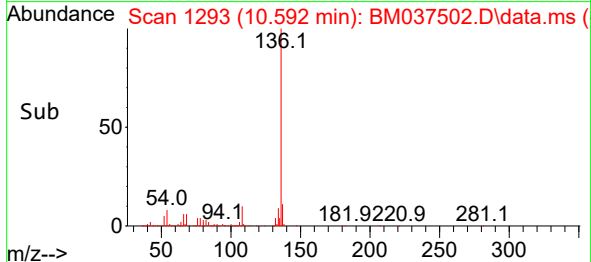
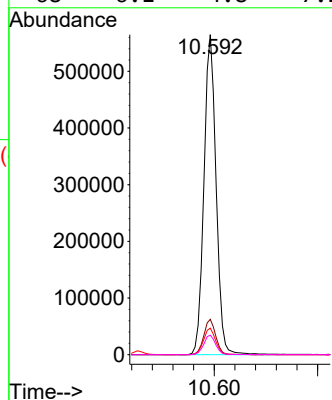
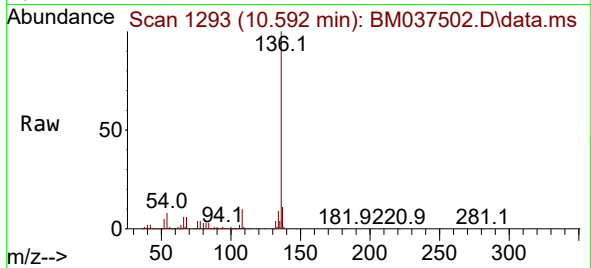




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

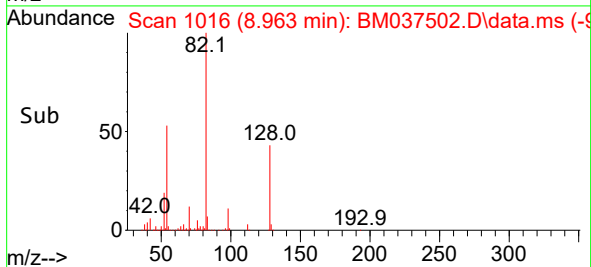
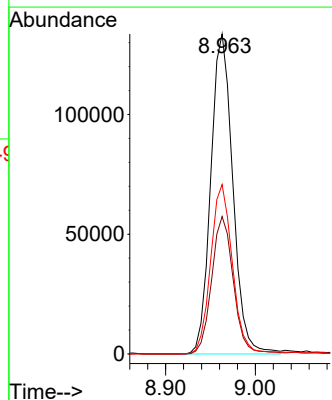
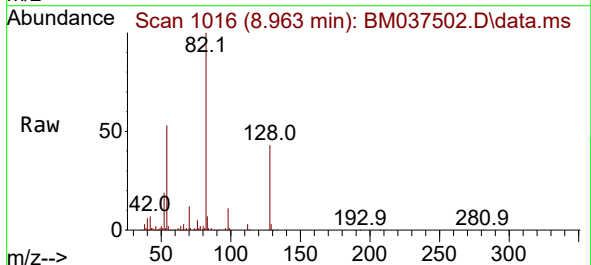
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ClientSampleId :
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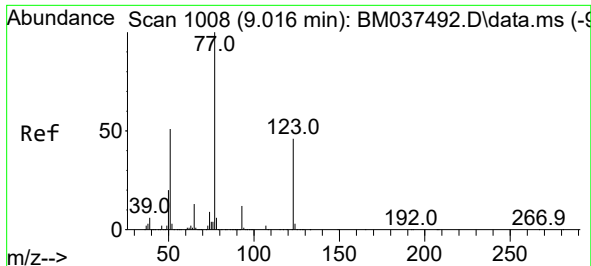
Tgt Ion:136 Resp: 920224
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.3 6.3 9.5
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 12.875 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion: 82 Resp: 227983
Ion Ratio Lower Upper
82 100
128 42.9 36.3 54.5
54 53.0 40.7 61.1

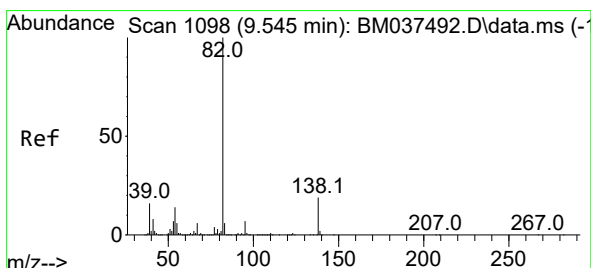
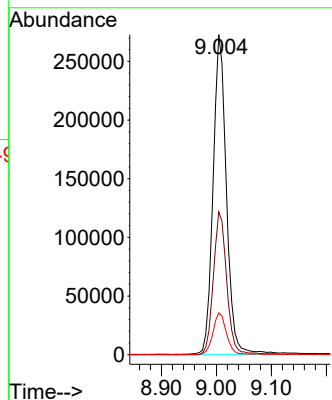
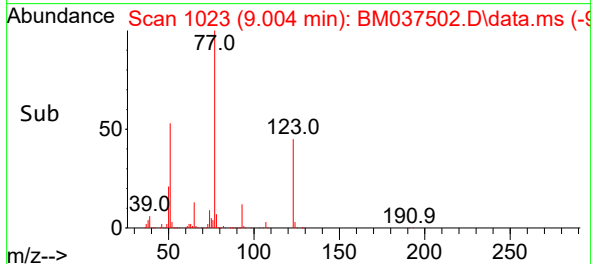
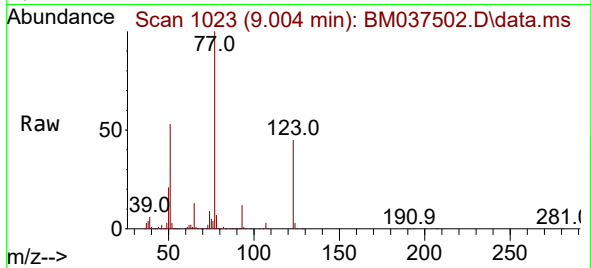




#24
Nitrobenzene
Concen: 25.155 ng
RT: 9.004 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

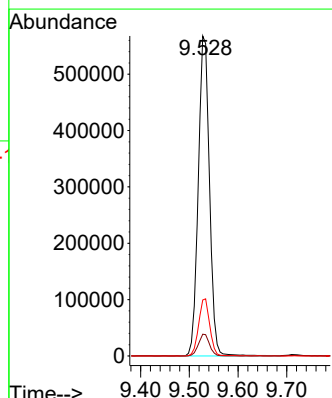
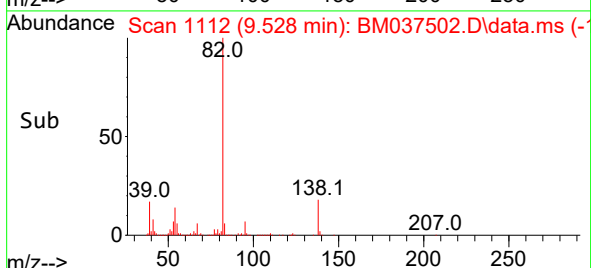
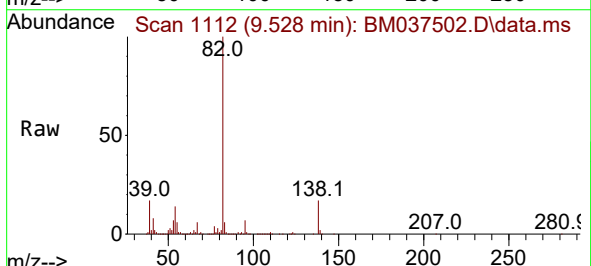
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

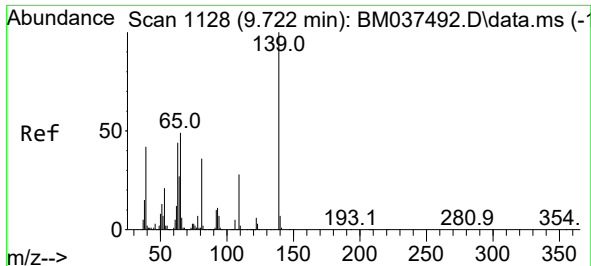
Tgt Ion: 77 Resp: 459482
Ion Ratio Lower Upper
77 100
123 44.7 36.7 55.1
65 13.0 10.7 16.1



#25
Isophorone
Concen: 27.956 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.018 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion: 82 Resp: 913288
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.5 14.9 22.3

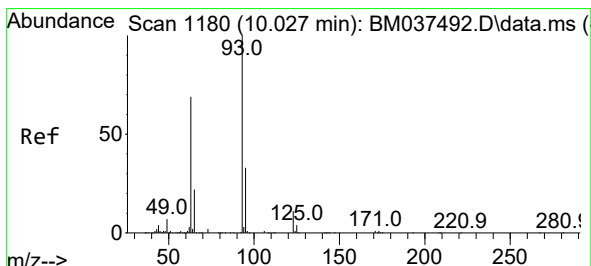
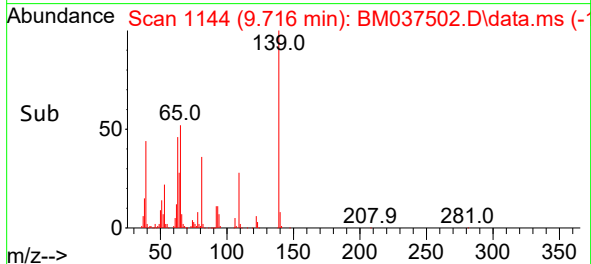
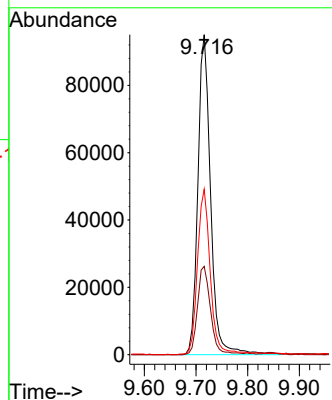
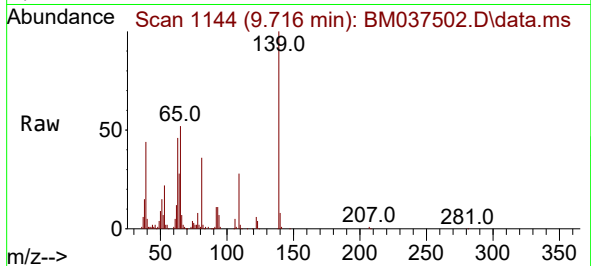




#26
2-Nitrophenol
Concen: 19.063 ng
RT: 9.716 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

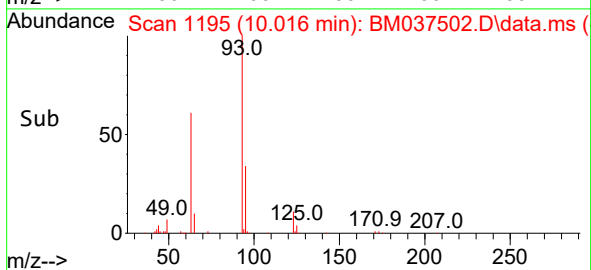
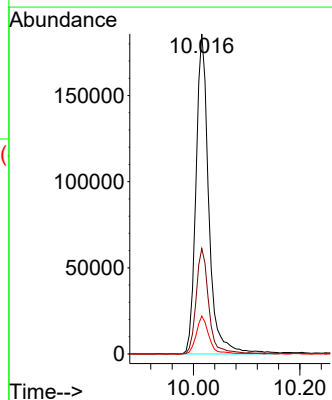
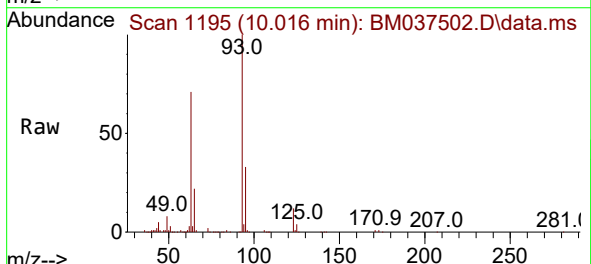
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

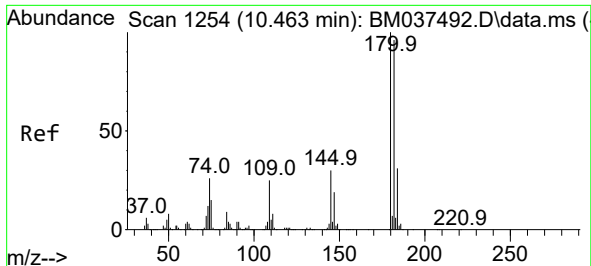
Tgt Ion:139 Resp: 162418
Ion Ratio Lower Upper
139 100
109 27.6 22.8 34.2
65 51.7 39.4 59.2



#28
bis(2-Chloroethoxy)methane
Concen: 16.549 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion: 93 Resp: 311797
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 11.8 9.4 14.0

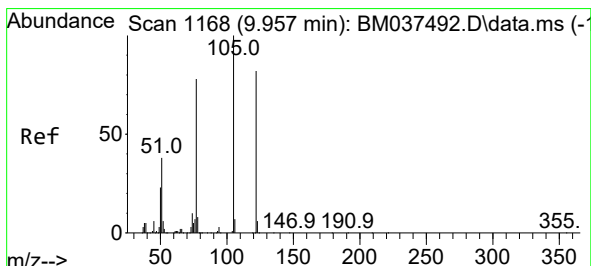
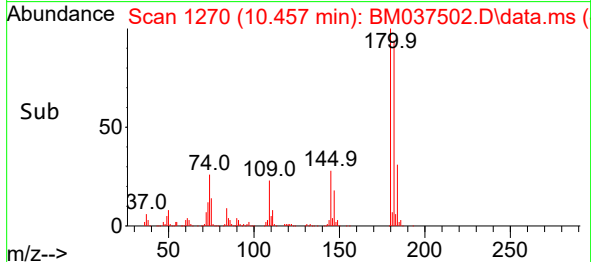
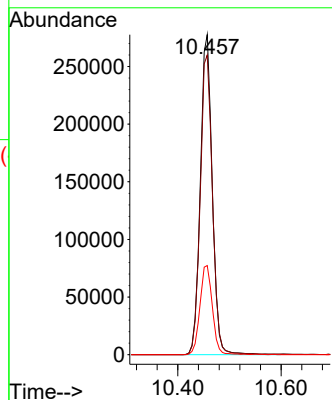
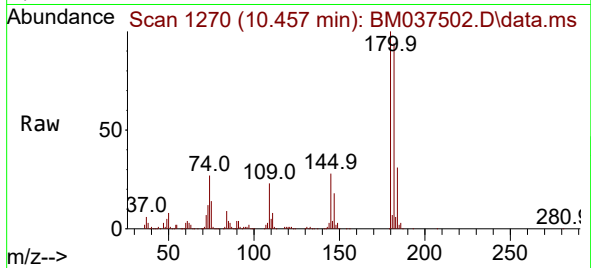




#30
1,2,4-Trichlorobenzene
Concen: 27.857 ng
RT: 10.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

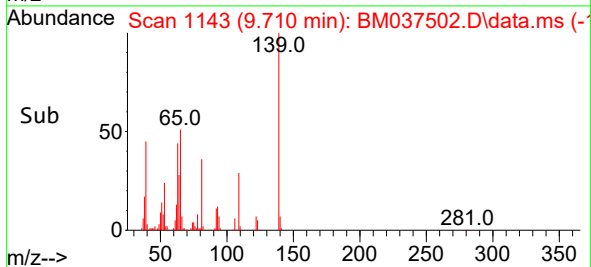
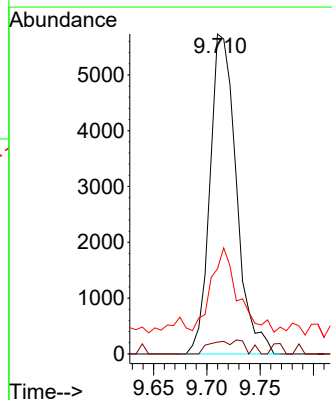
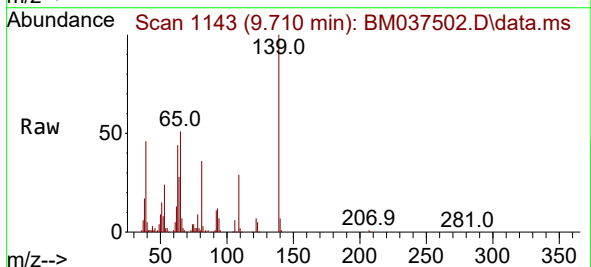
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

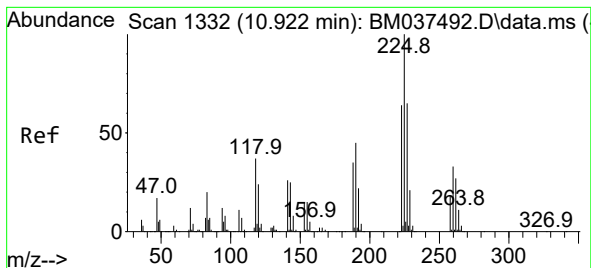
Tgt Ion:180 Resp: 445324
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.4
145 27.8 23.9 35.9



#32
Benzoic acid
Concen: 6.669 ng
RT: 9.710 min Scan# 1143
Delta R.T. -0.247 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:122 Resp: 9866
Ion Ratio Lower Upper
122 100
105 3.7 100.5 140.5#
77 26.6 74.1 114.1#





#34

Hexachlorobutadiene

Concen: 25.333 ng

RT: 10.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILDL

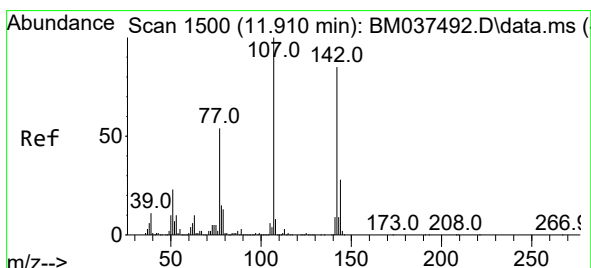
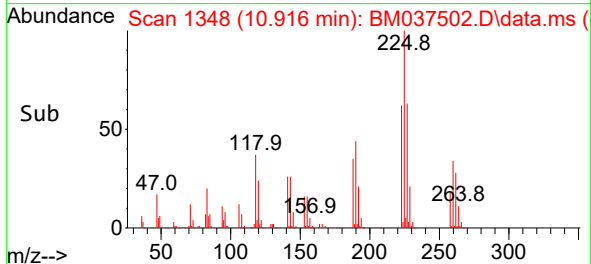
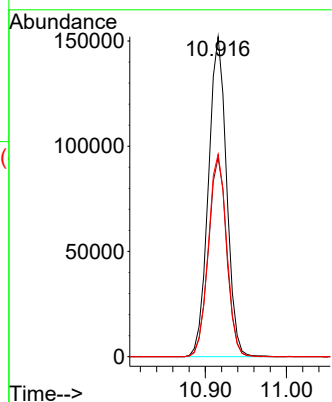
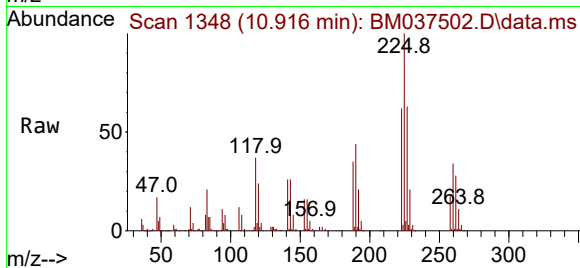
Tgt Ion:225 Resp: 235918

Ion Ratio Lower Upper

225 100

223 62.2 51.4 77.2

227 63.3 52.0 78.0



#36

4-Chloro-3-methylphenol

Concen: 17.283 ng

RT: 11.898 min Scan# 1515

Delta R.T. -0.012 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

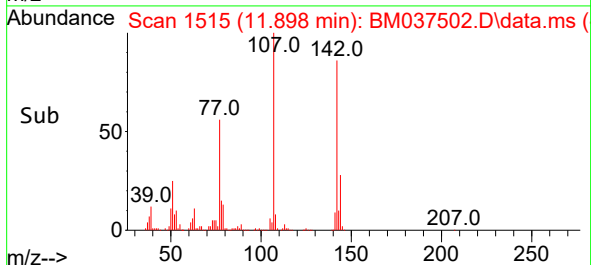
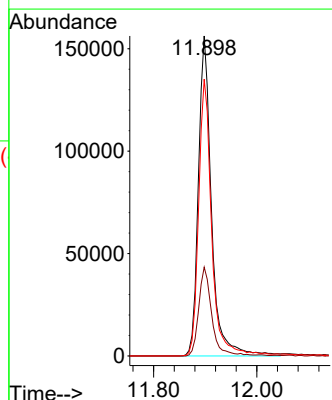
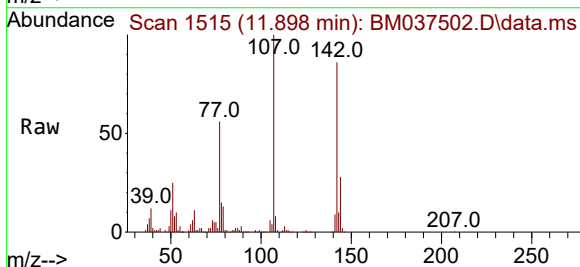
Tgt Ion:107 Resp: 276121

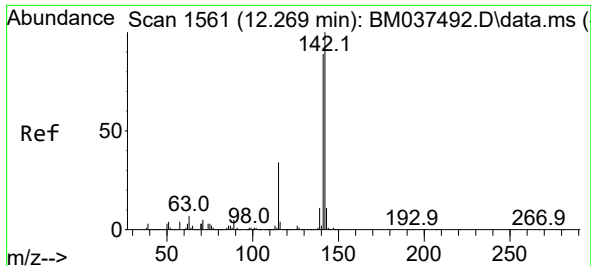
Ion Ratio Lower Upper

107 100

144 27.7 22.1 33.1

142 86.5 68.2 102.4

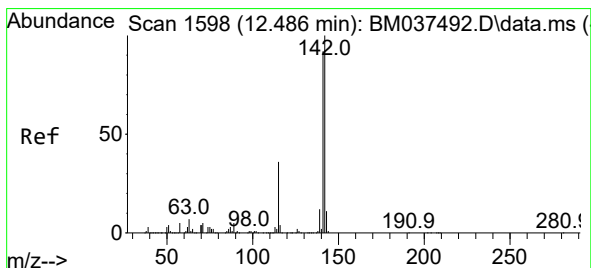
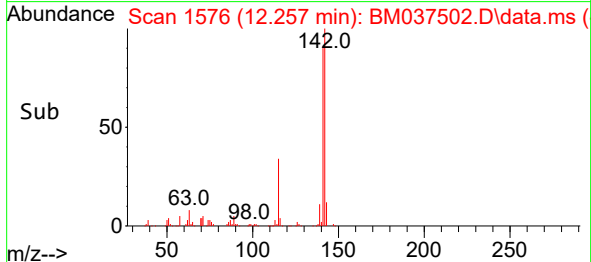
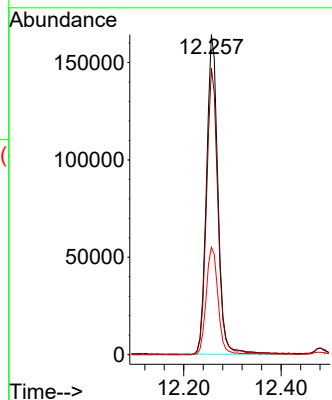
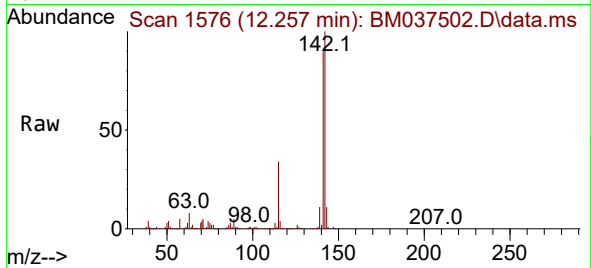




#37
2-Methylnaphthalene
Concen: 7.280 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

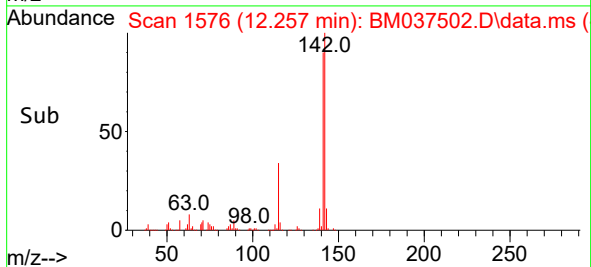
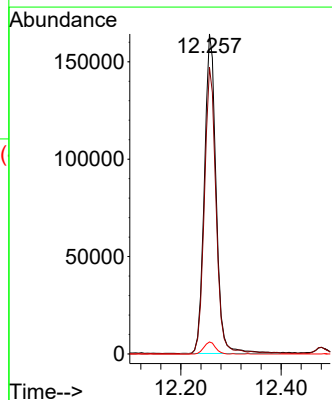
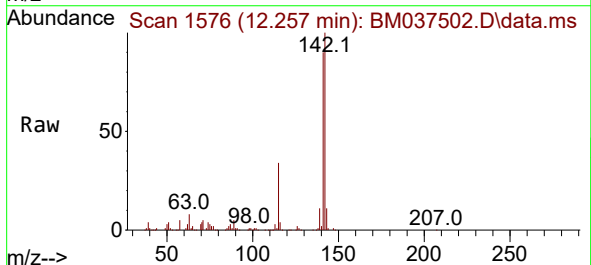
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

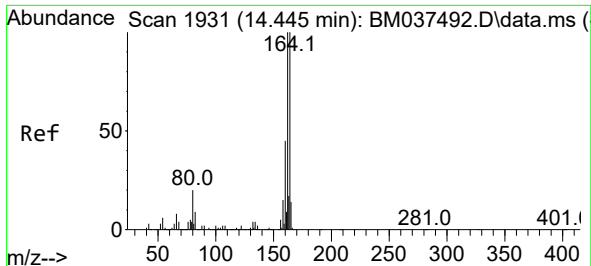
Tgt Ion:142 Resp: 267102
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3
115 33.6 26.9 40.3



#38
1-Methylnaphthalene
Concen: 7.316 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.229 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:142 Resp: 266828
Ion Ratio Lower Upper
142 100
141 89.6 73.5 110.3
116 3.8 2.9 4.3

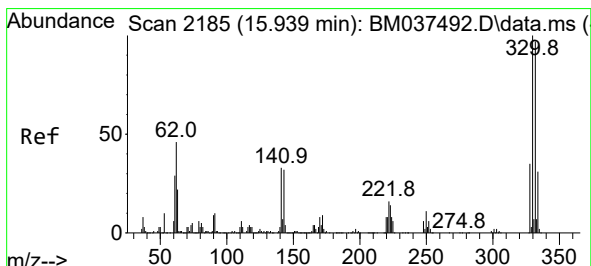
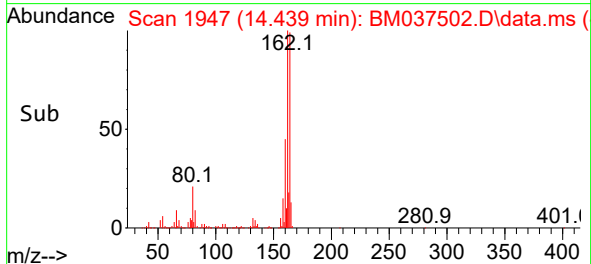
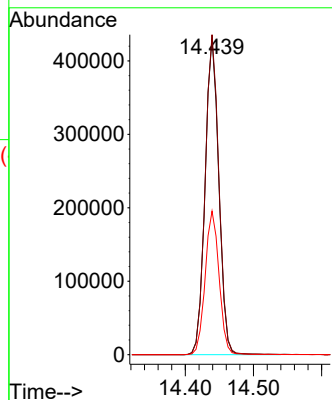
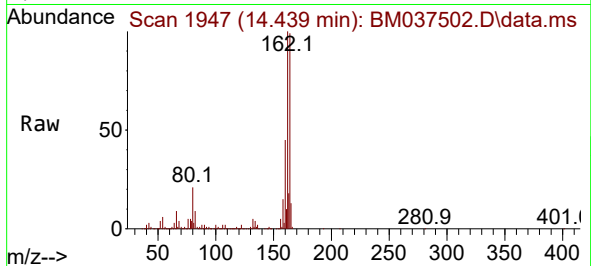




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

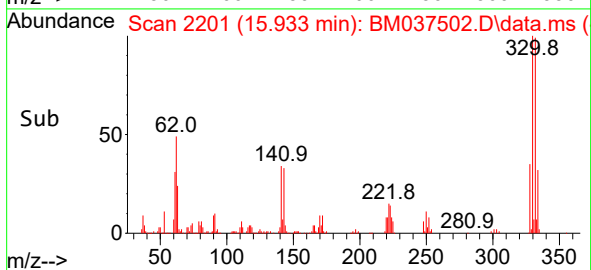
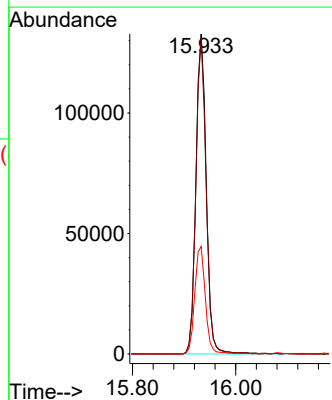
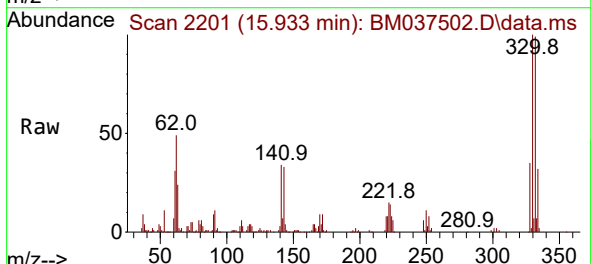
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

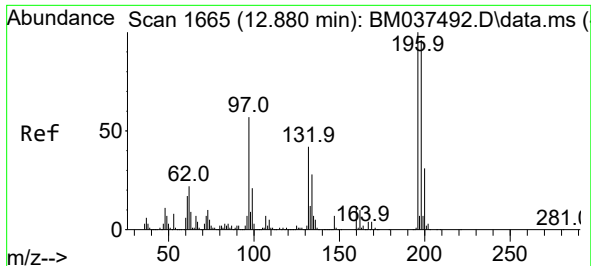
Tgt Ion:164 Resp: 603073
Ion Ratio Lower Upper
164 100
162 101.2 79.9 119.9
160 45.4 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 22.241 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:330 Resp: 185462
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 34.4 26.2 39.2

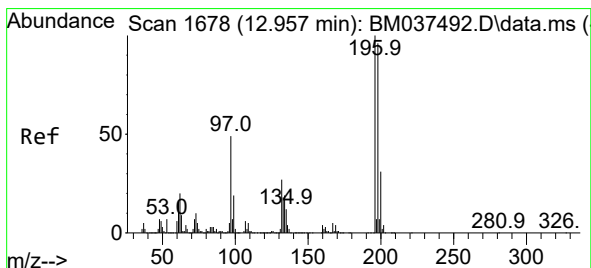
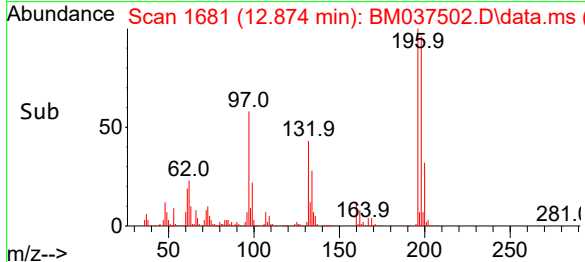
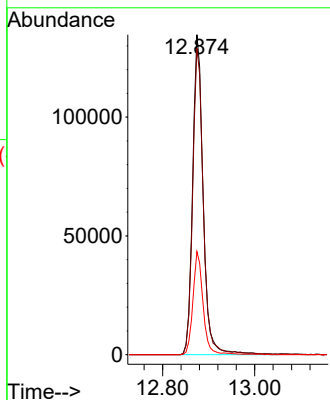
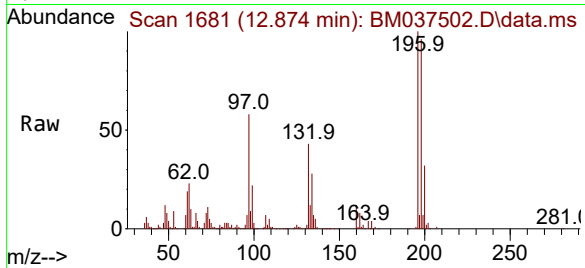




#43
2,4,6-Trichlorophenol
Concen: 16.831 ng
RT: 12.874 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

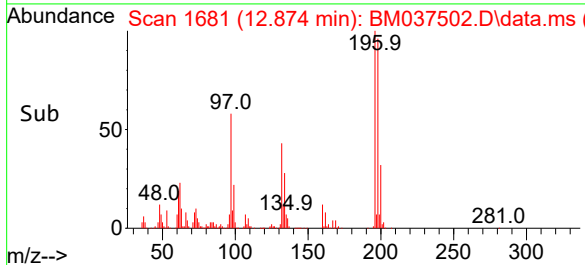
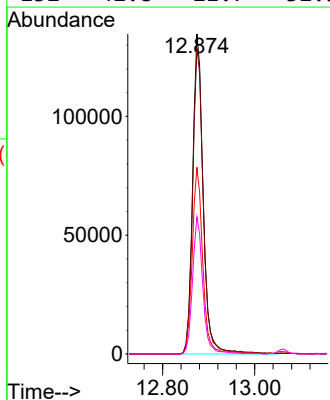
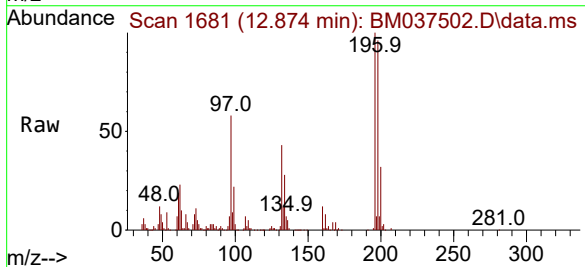
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

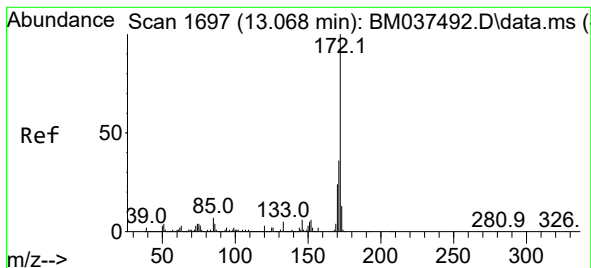
Tgt Ion:196 Resp: 213840
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.6
200 32.2 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 15.201 ng
RT: 12.874 min Scan# 1681
Delta R.T. -0.082 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:196 Resp: 213840
Ion Ratio Lower Upper
196 100
198 95.8 76.4 114.6
97 58.3 39.3 58.9
132 42.8 21.7 32.5#





#45

2-Fluorobiphenyl

Concen: 13.642 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILD

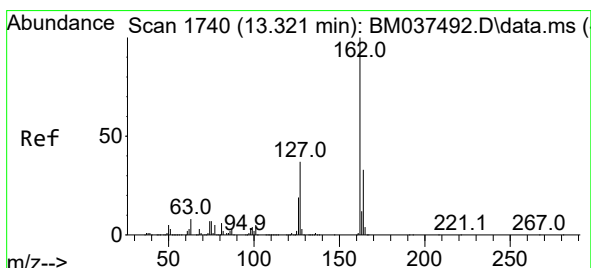
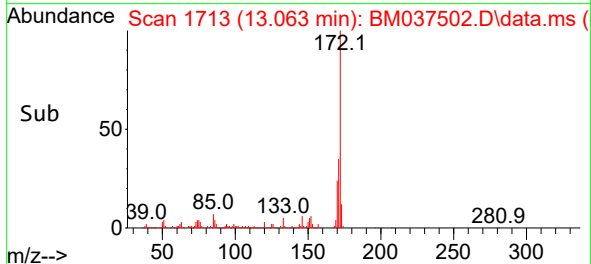
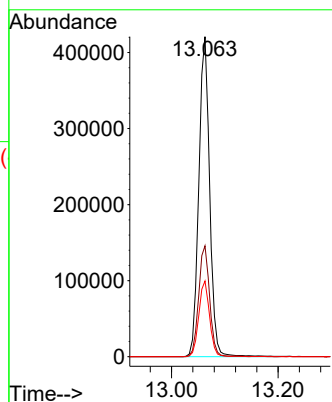
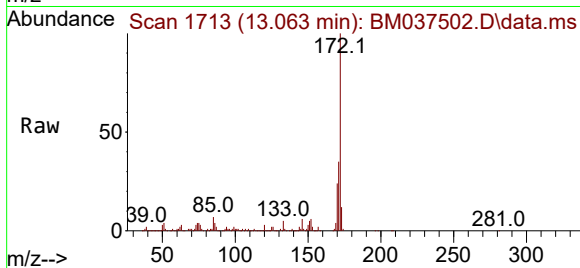
Tgt Ion:172 Resp: 591963

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.6 18.9 28.3



#47

2-Chloronaphthalene

Concen: 9.525 ng

RT: 13.316 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

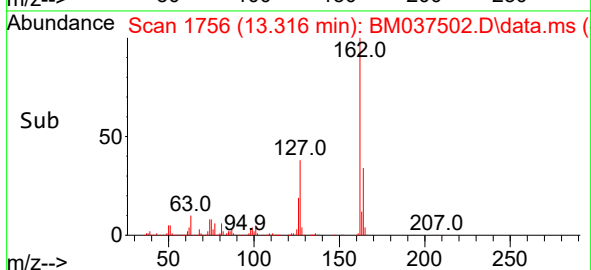
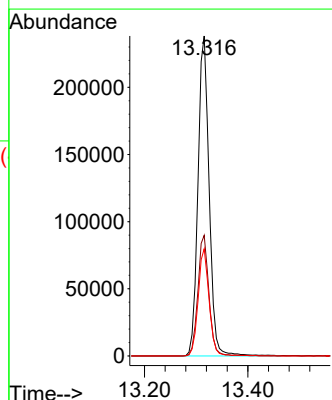
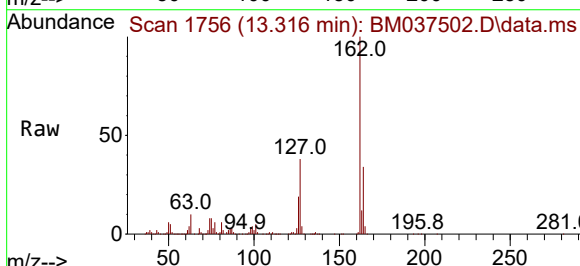
Tgt Ion:162 Resp: 357745

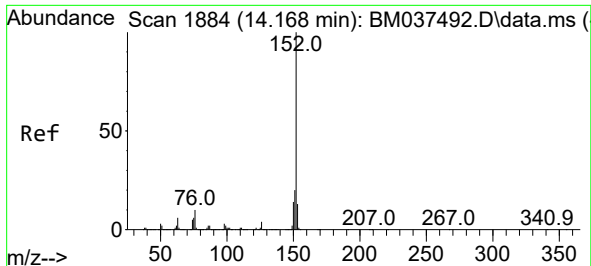
Ion Ratio Lower Upper

162 100

127 37.7 29.8 44.8

164 33.5 26.3 39.5

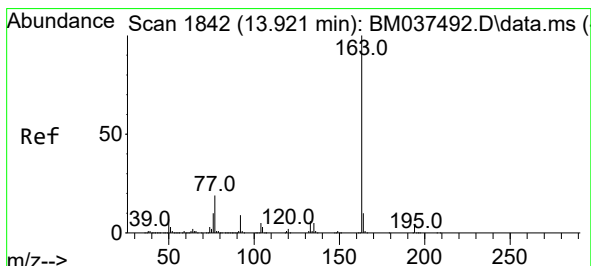
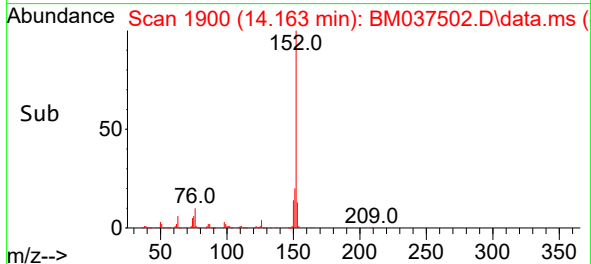
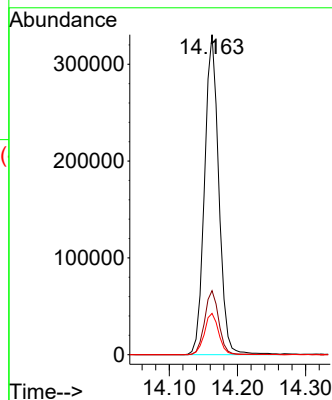
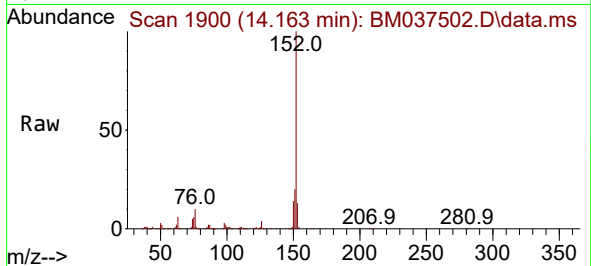




#49
Acenaphthylene
Concen: 7.987 ng
RT: 14.163 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

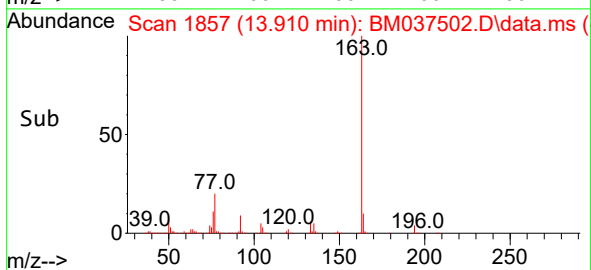
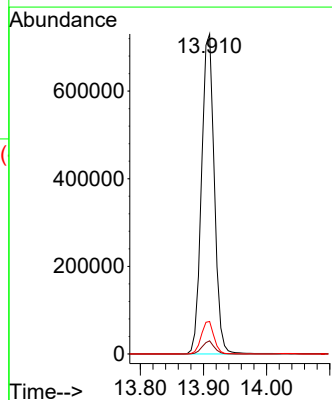
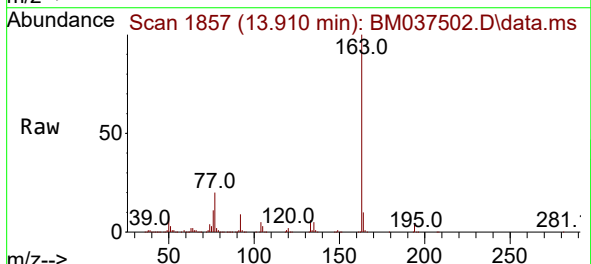
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

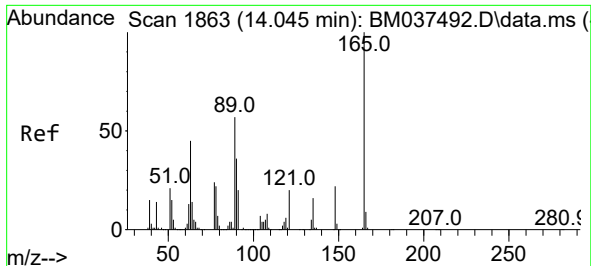
Tgt Ion:152 Resp: 480464
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.9 10.6 16.0



#50
Dimethylphthalate
Concen: 21.252 ng
RT: 13.910 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:163 Resp: 1025831
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 12.944 ng

RT: 14.033 min Scan# 1863

Delta R.T. -0.012 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILD

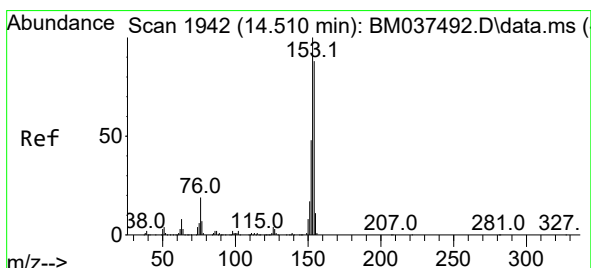
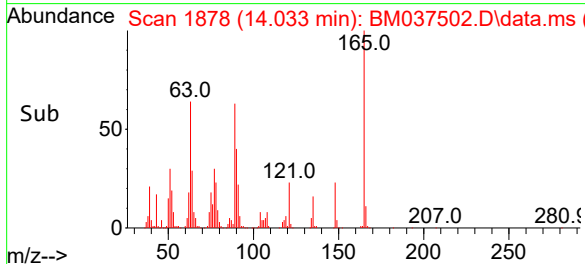
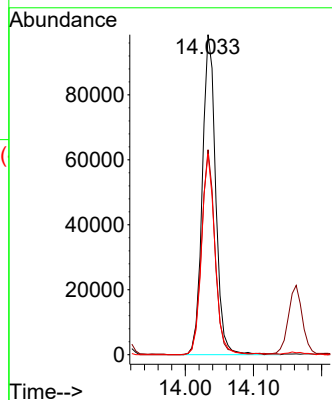
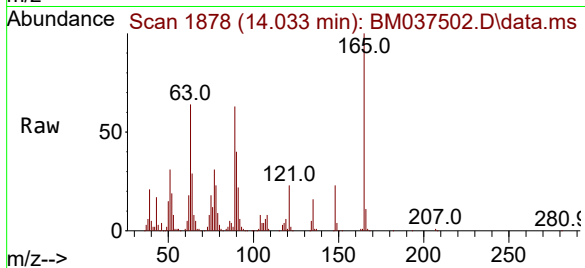
Tgt Ion:165 Resp: 134253

Ion Ratio Lower Upper

165 100

63 64.1 46.2 69.2

89 62.8 45.4 68.2



#52

Acenaphthene

Concen: 9.170 ng

RT: 14.504 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

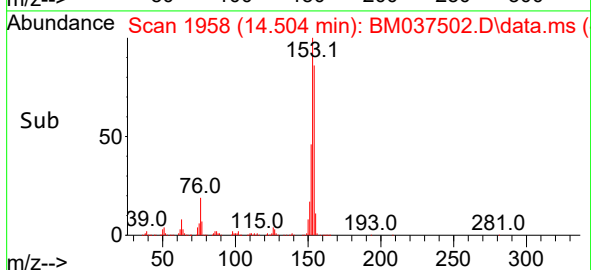
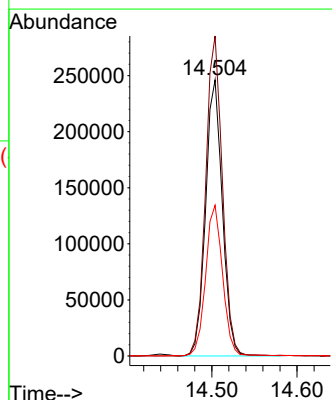
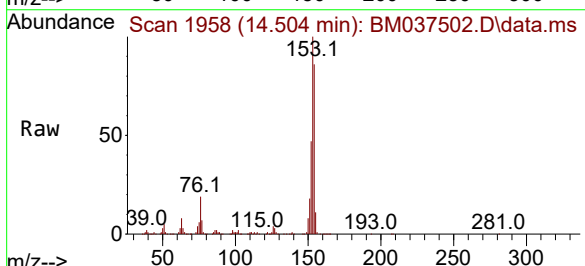
Tgt Ion:154 Resp: 336702

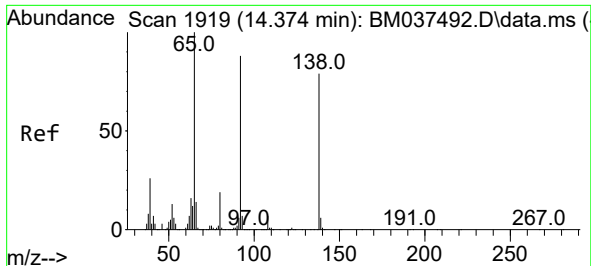
Ion Ratio Lower Upper

154 100

153 115.9 90.8 136.2

152 54.6 43.3 64.9

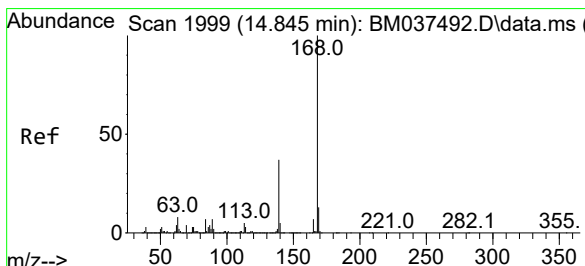
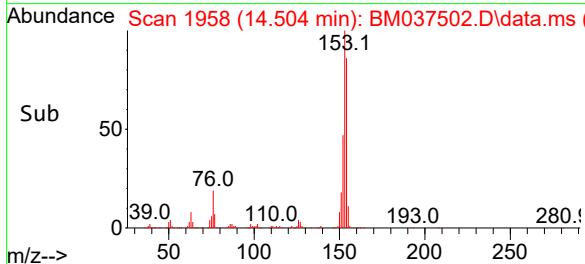
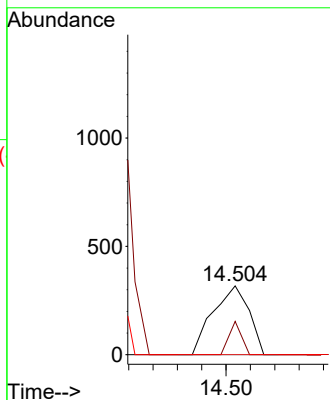
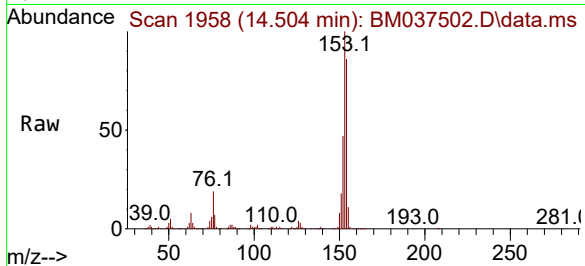




#53
3-Nitroaniline
Concen: 2.981 ng
RT: 14.504 min Scan# 1919
Delta R.T. 0.130 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

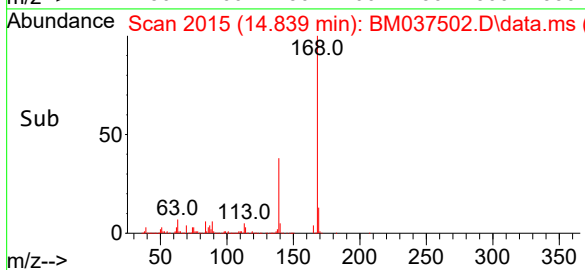
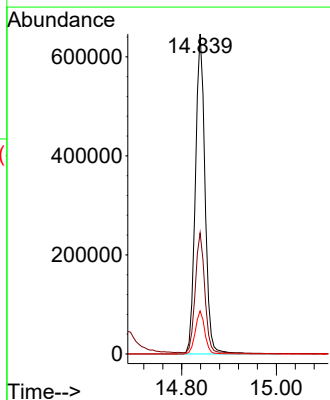
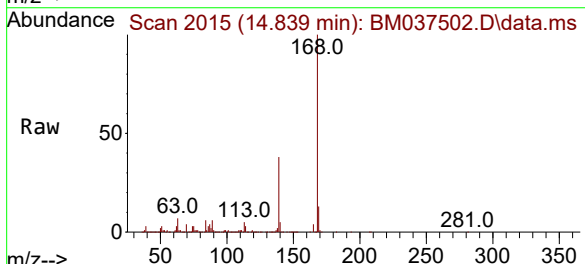
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

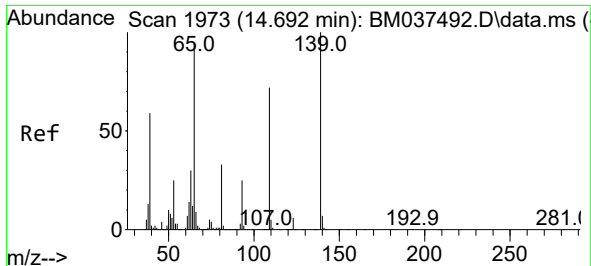
Tgt Ion:138 Resp: 326
Ion Ratio Lower Upper
138 100
108 48.4 7.2 10.8#
92 0.0 89.0 133.6#



#55
Dibenzofuran
Concen: 15.582 ng
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:168 Resp: 914933
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.8
169 13.4 10.8 16.2

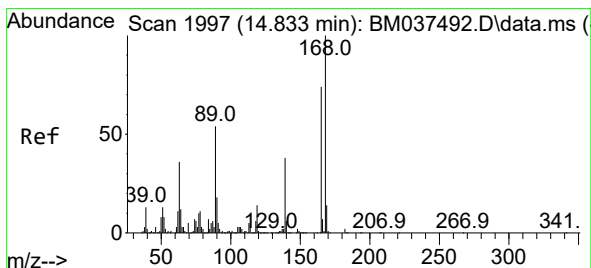
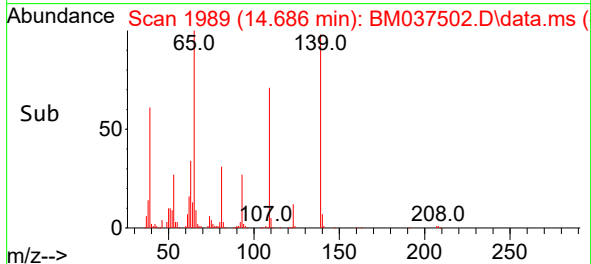
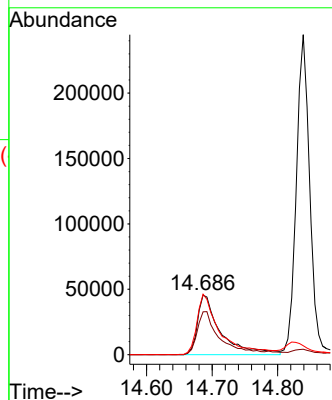
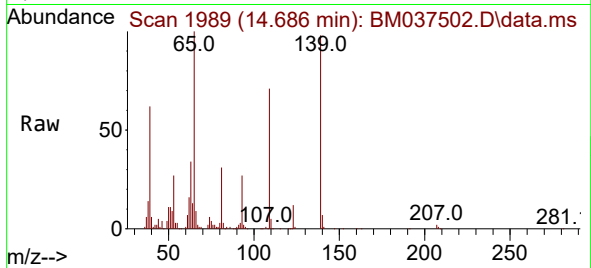




#56
4-Nitrophenol
Concen: 15.341 ng
RT: 14.686 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

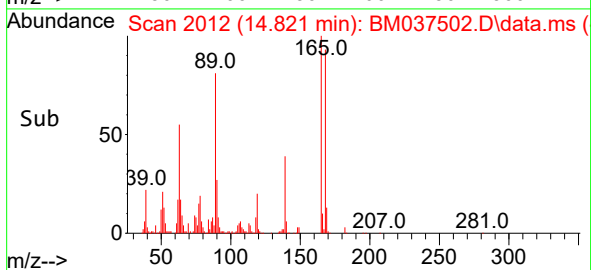
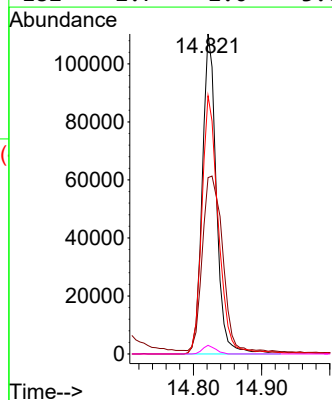
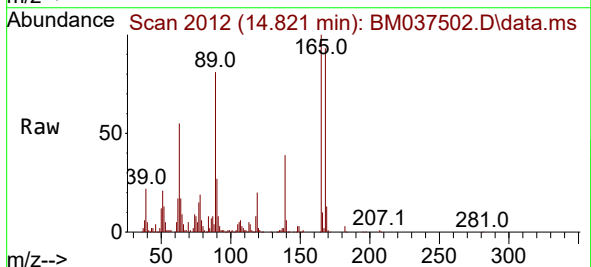
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

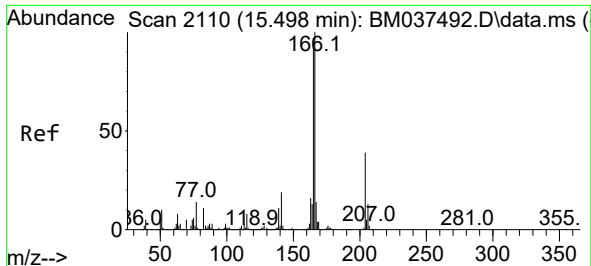
Tgt Ion:139 Resp: 111848
Ion Ratio Lower Upper
139 100
109 72.0 52.1 92.1
65 101.8 74.4 114.4



#57
2,4-Dinitrotoluene
Concen: 11.072 ng
RT: 14.821 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:165 Resp: 158977
Ion Ratio Lower Upper
165 100
63 55.1 39.5 59.3
89 80.7 58.4 87.6
182 2.7 2.0 3.0

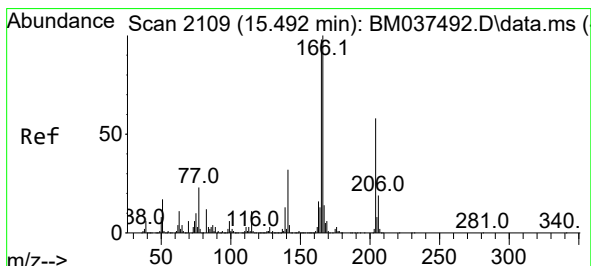
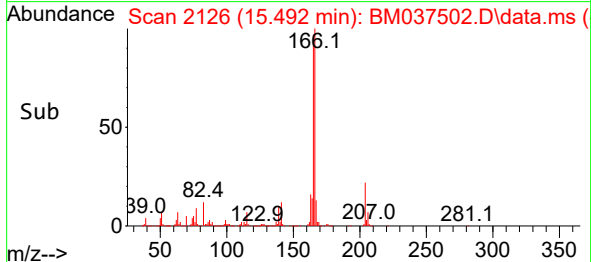
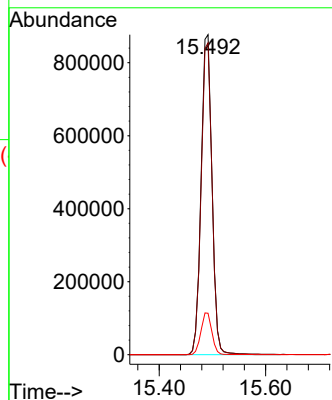
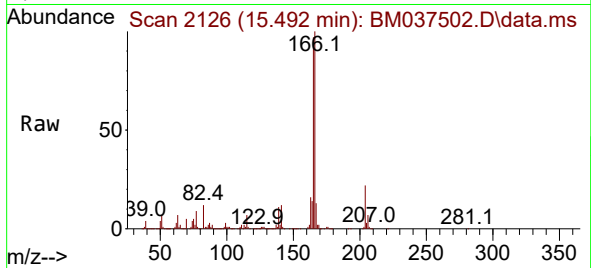




#58
Fluorene
Concen: 24.997 ng
RT: 15.492 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

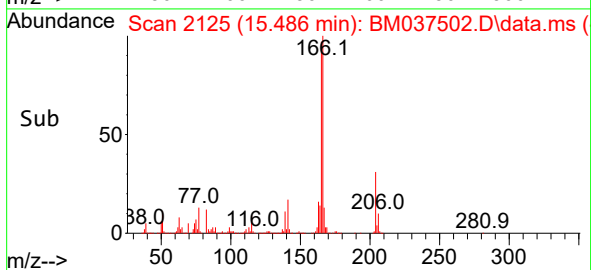
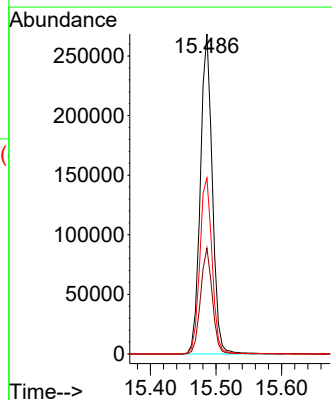
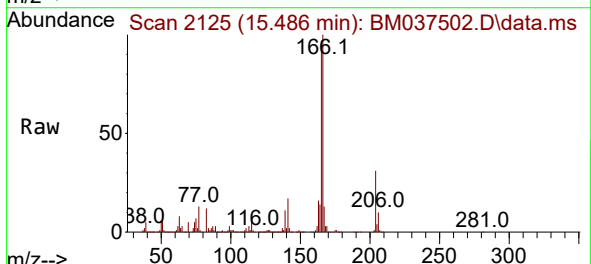
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

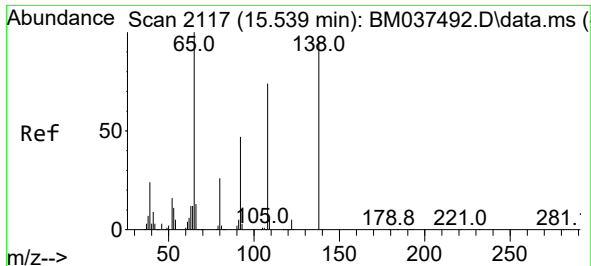
Tgt Ion:166 Resp: 1244657
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 12.9 10.8 16.2



#61
4-Chlorophenyl-phenylether
Concen: 14.671 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:204 Resp: 341343
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 55.0 43.6 65.4

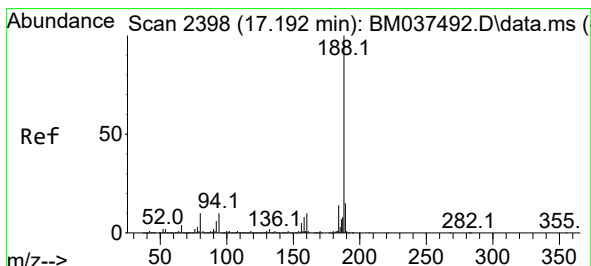
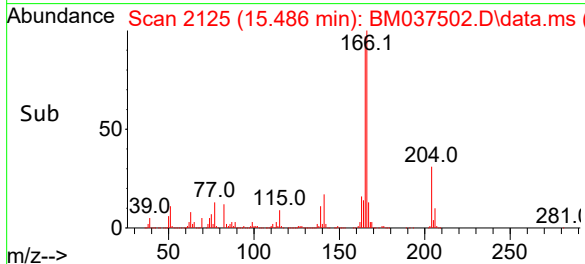
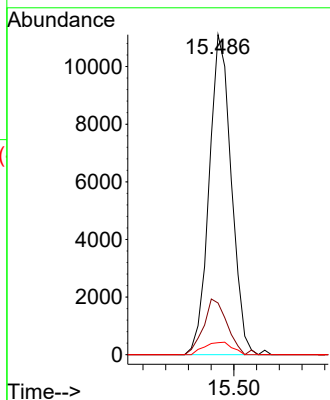
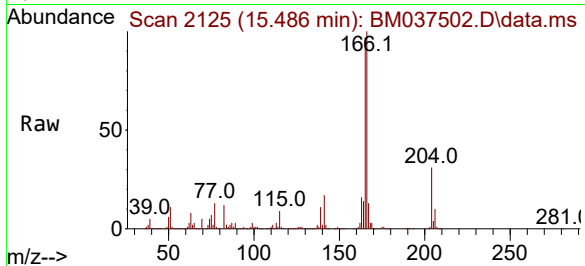




#62
4-Nitroaniline
Concen: 4.947 ng
RT: 15.486 min Scan# 2117
Delta R.T. -0.053 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

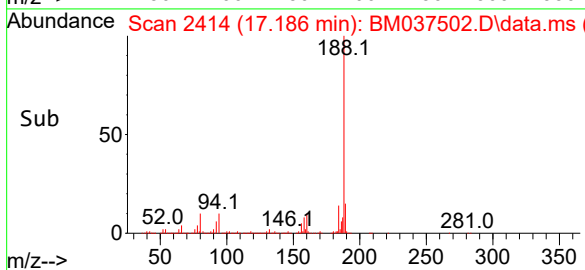
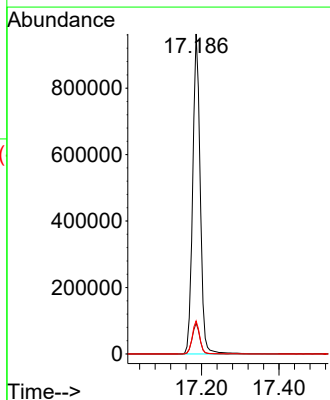
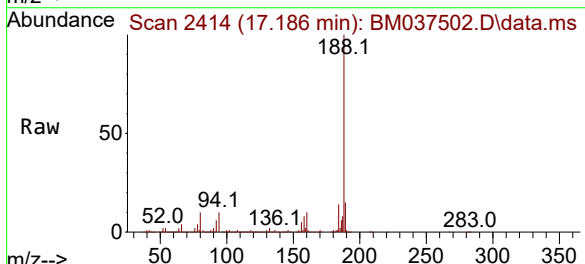
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

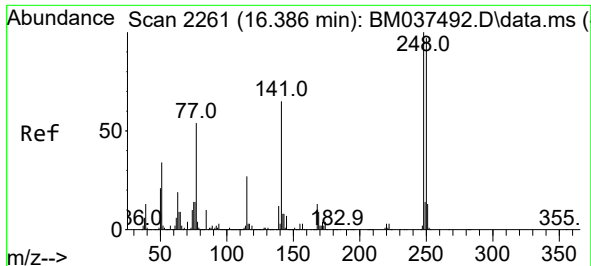
Tgt Ion:138 Resp: 15082
Ion Ratio Lower Upper
138 100
92 16.1 28.9 68.9#
108 3.7 56.8 96.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:188 Resp: 1297323
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.4 8.2 12.4

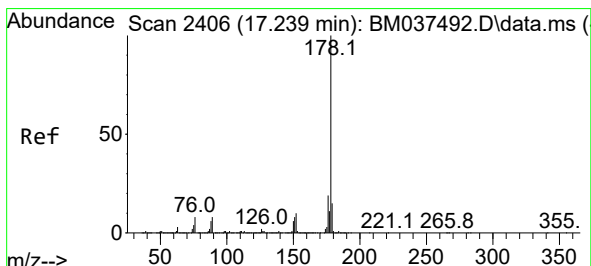
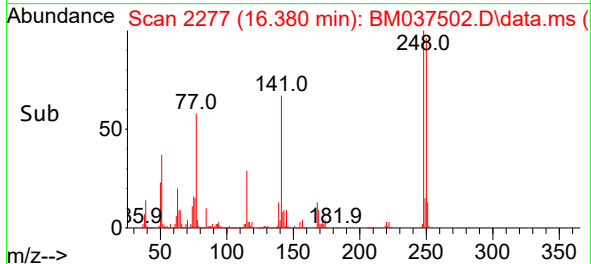
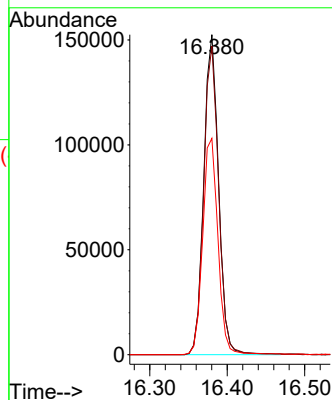
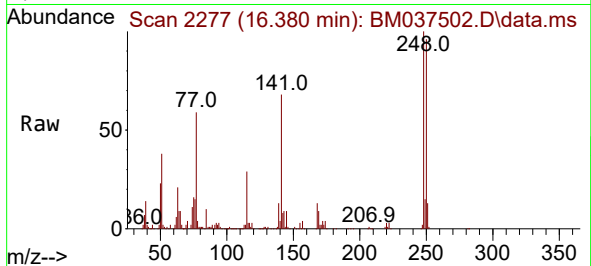




#67
4-Bromophenyl-phenylether
Concen: 13.937 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

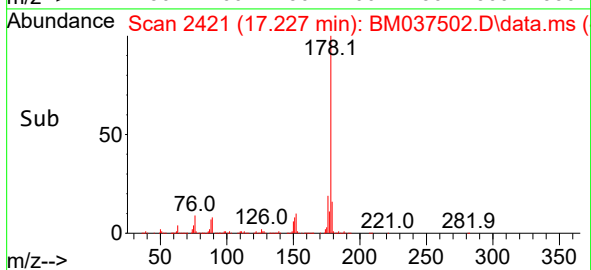
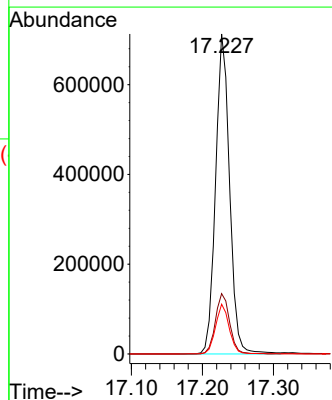
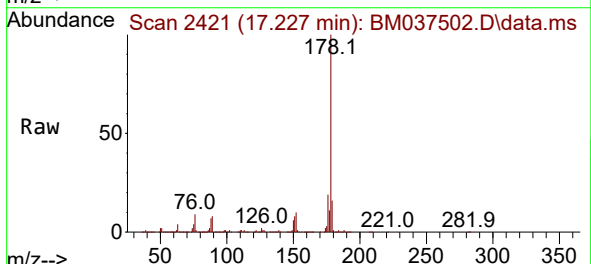
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

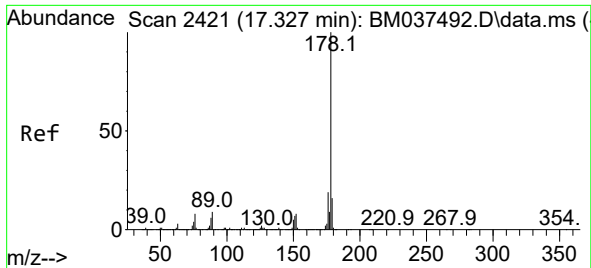
Tgt Ion:248 Resp: 202374
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.8
141 67.6 52.2 78.2



#71
Phenanthrene
Concen: 12.224 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:178 Resp: 973469
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.6 12.2 18.4

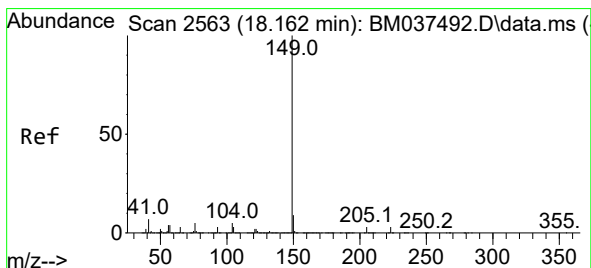
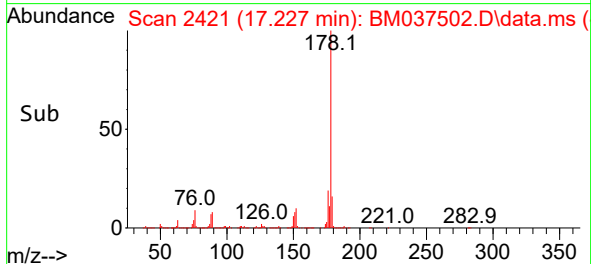
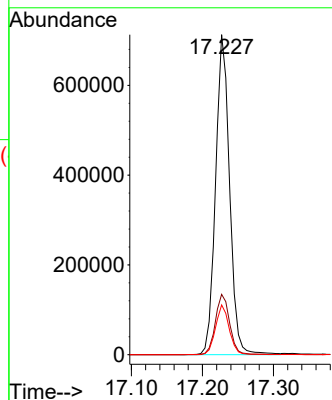
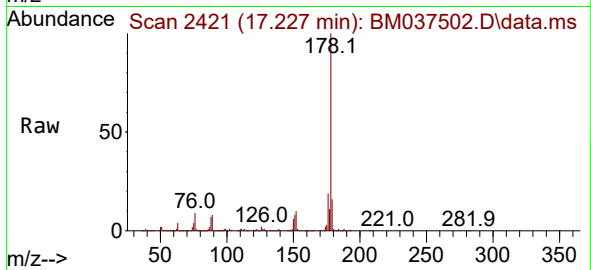




#72
 Anthracene
 Concen: 12.747 ng
 RT: 17.227 min Scan# 24
 Delta R.T. -0.100 min
 Lab File: BM037502.D
 Acq: 14 Nov 2022 14:08

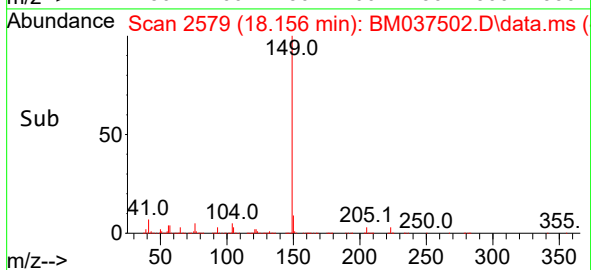
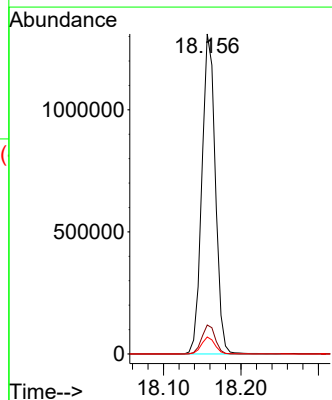
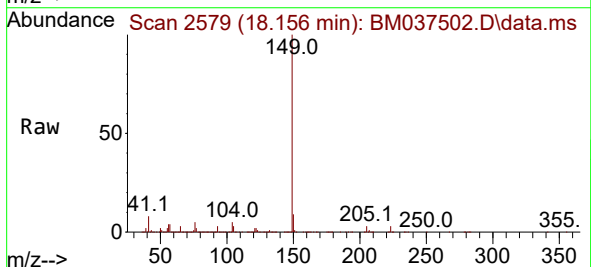
Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOILDL

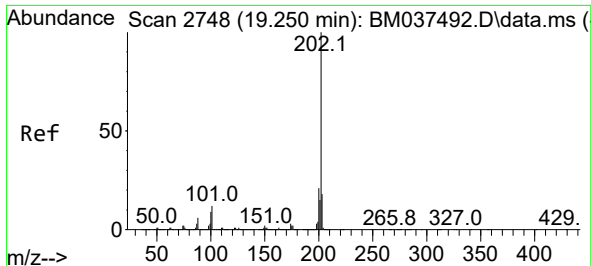
Tgt Ion:178 Resp: 973469
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 15.6 12.4 18.6



#74
 Di-n-butylphthalate
 Concen: 16.653 ng
 RT: 18.156 min Scan# 2579
 Delta R.T. -0.006 min
 Lab File: BM037502.D
 Acq: 14 Nov 2022 14:08

Tgt Ion:149 Resp: 1582572
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.3 4.1 6.1

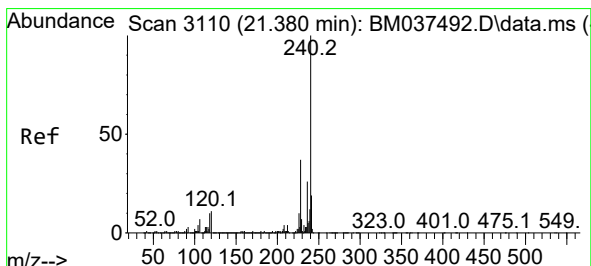
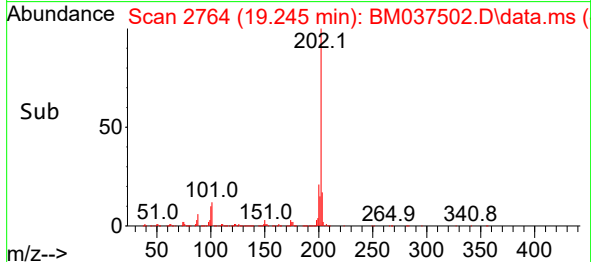
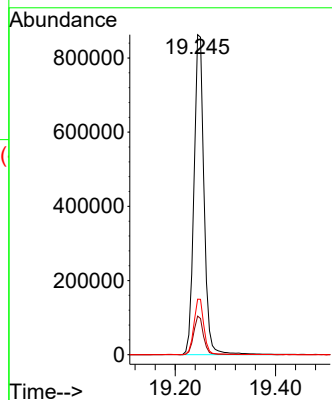
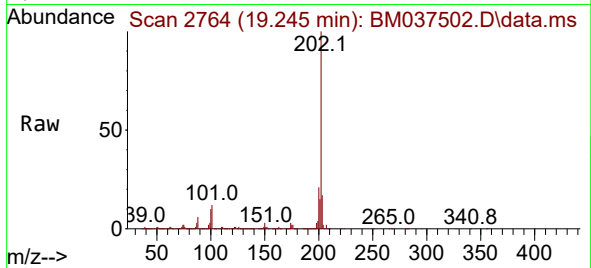




#75
Fluoranthene
Concen: 12.570 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

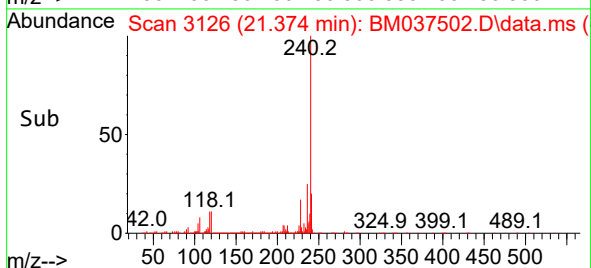
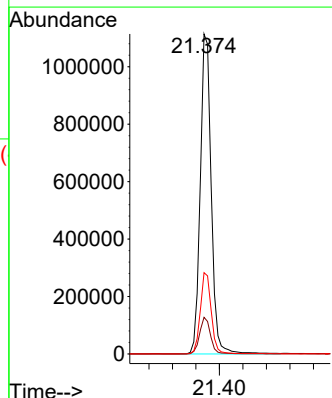
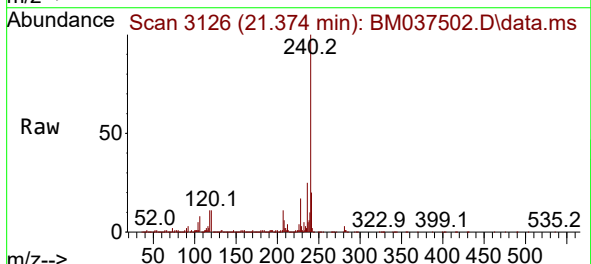
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

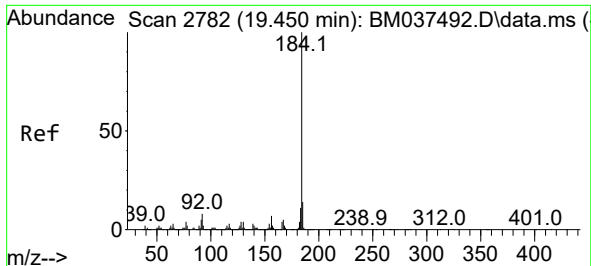
Tgt Ion:202 Resp: 1193238
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.8
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:240 Resp: 1442399
Ion Ratio Lower Upper
240 100
120 11.4 8.6 13.0
236 25.4 20.8 31.2

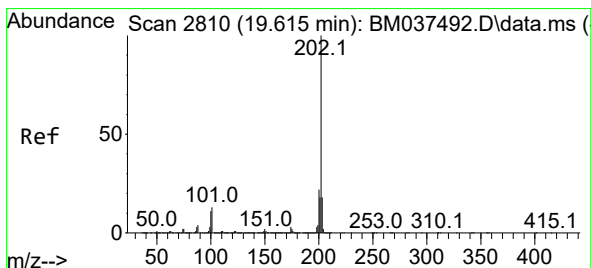
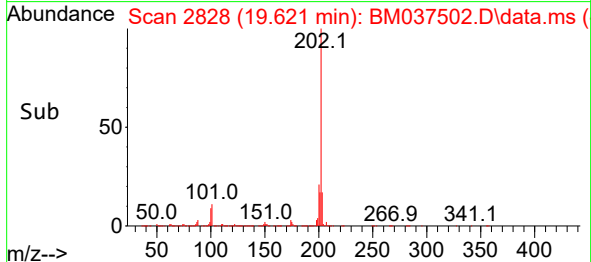
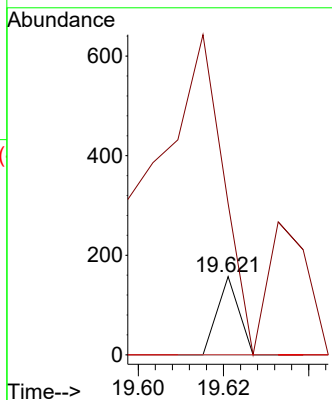
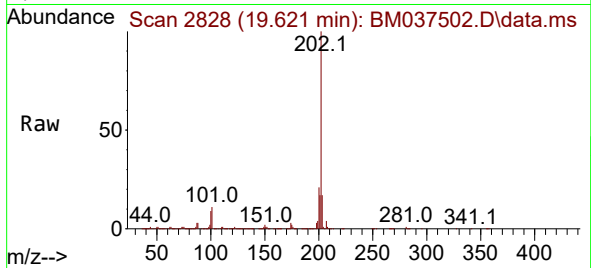




#77
Benzidine
Concen: 2.436 ng
RT: 19.621 min Scan# 21
Delta R.T. 0.171 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

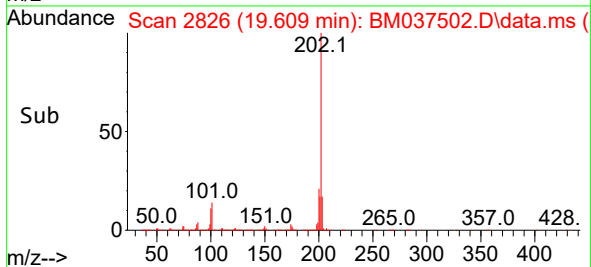
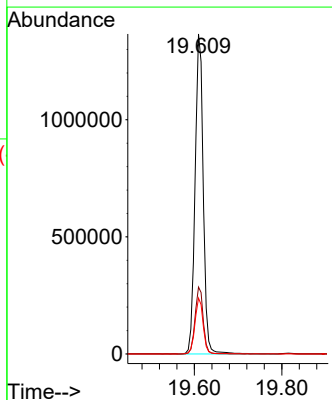
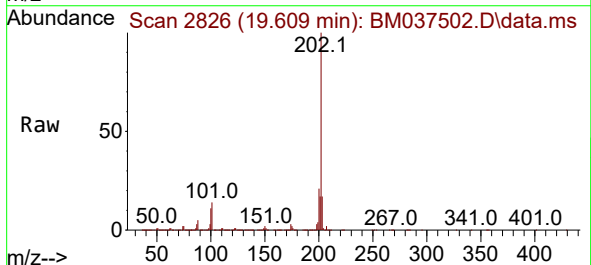
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

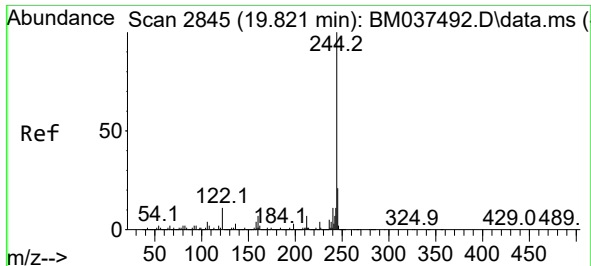
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
185 193.6 11.1 16.7#
183 0.0 9.0 13.6#



#78
Pyrene
Concen: 18.765 ng
RT: 19.609 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Tgt Ion:202 Resp: 1775020
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.5 14.3 21.5

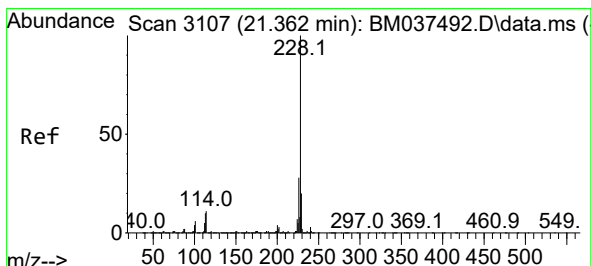
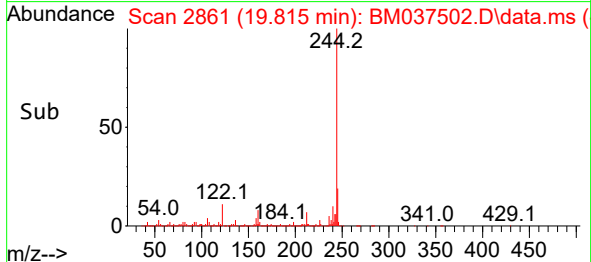
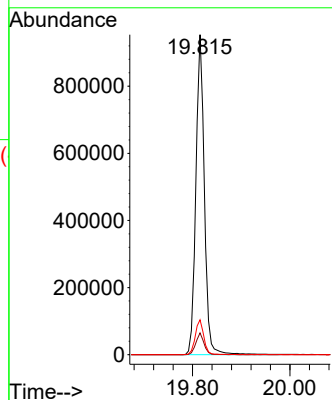
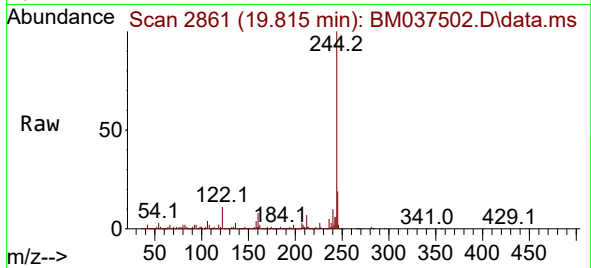




#79
 Terphenyl-d14
 Concen: 16.109 ng
 RT: 19.815 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM037502.D
 Acq: 14 Nov 2022 14:08

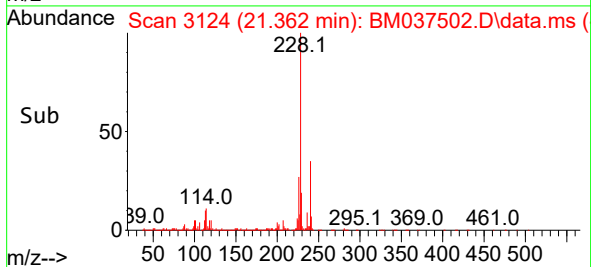
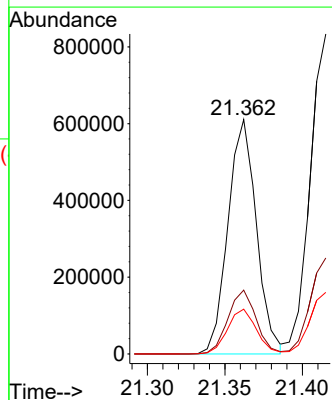
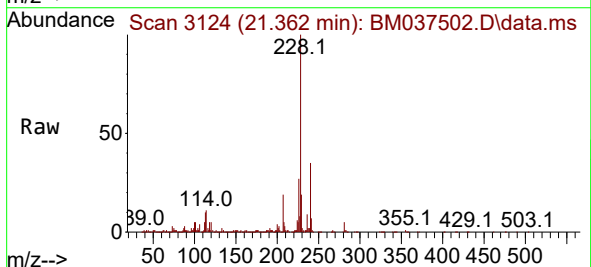
Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOILD

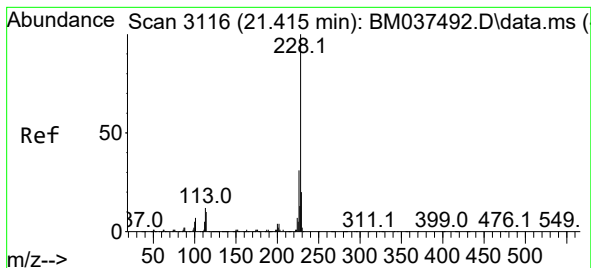
Tgt Ion:244 Resp: 1163453
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.9 8.7 13.1



#81
 Benzo(a)anthracene
 Concen: 7.706 ng
 RT: 21.362 min Scan# 3124
 Delta R.T. 0.000 min
 Lab File: BM037502.D
 Acq: 14 Nov 2022 14:08

Tgt Ion:228 Resp: 779157
 Ion Ratio Lower Upper
 228 100
 226 27.2 22.4 33.6
 229 19.1 16.2 24.2





#83

Chrysene

Concen: 10.799 ng

RT: 21.415 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILDL

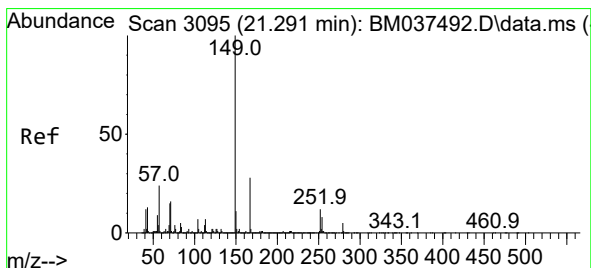
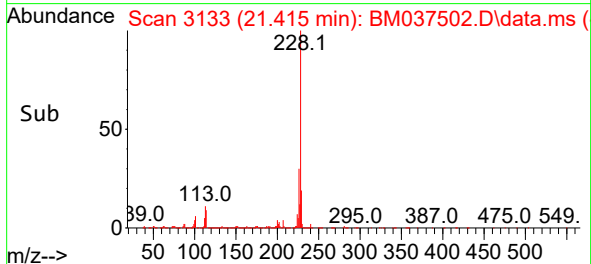
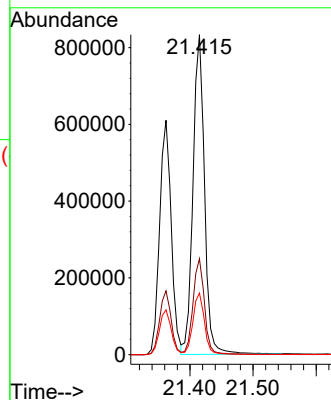
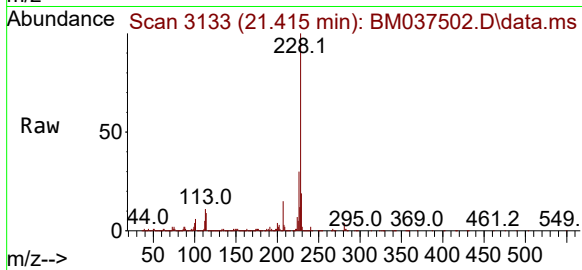
Tgt Ion:228 Resp: 1054129

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.4

229 19.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 27.944 ng

RT: 21.292 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

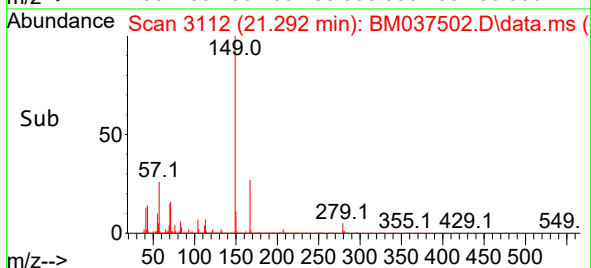
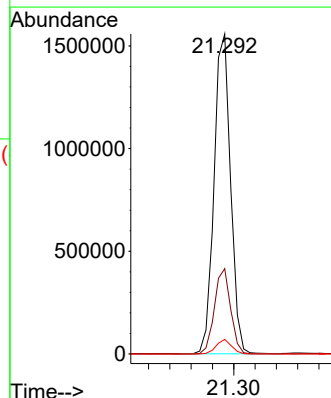
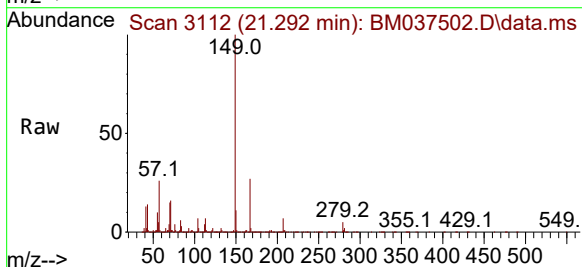
Tgt Ion:149 Resp: 1674214

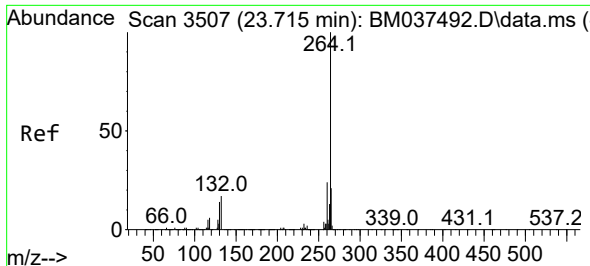
Ion Ratio Lower Upper

149 100

167 26.6 22.3 33.5

279 4.5 3.8 5.6

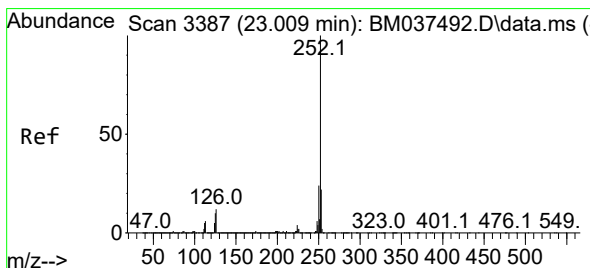
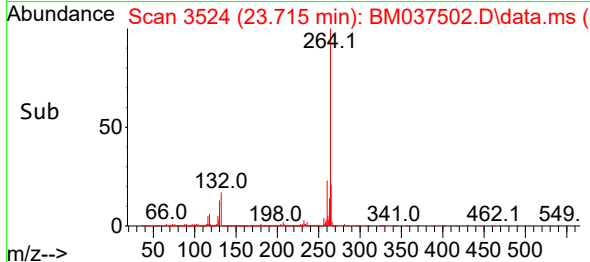
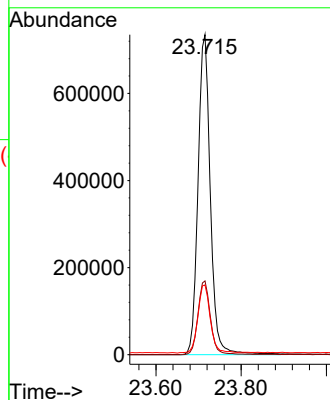
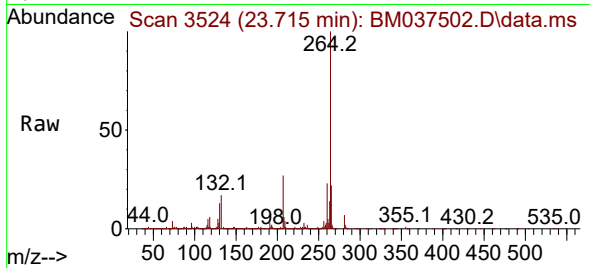




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM037502.D
 Acq: 14 Nov 2022 14:08

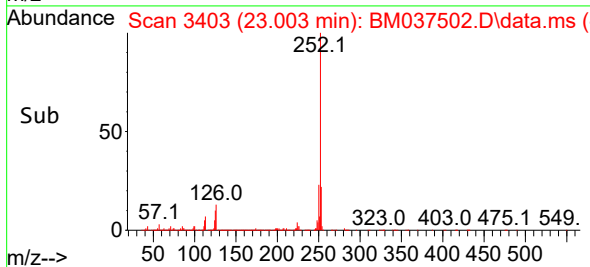
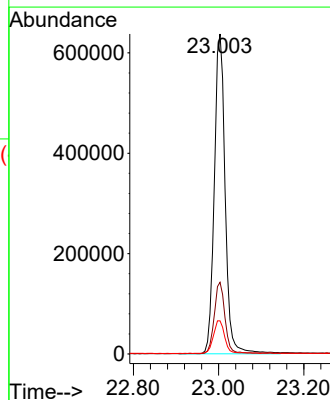
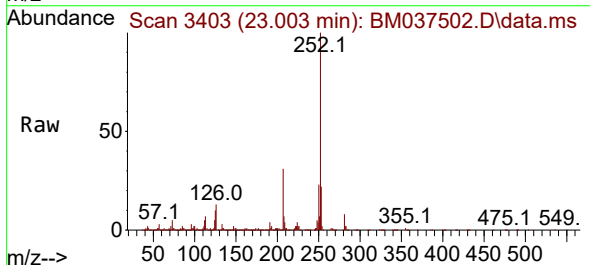
Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOILDL

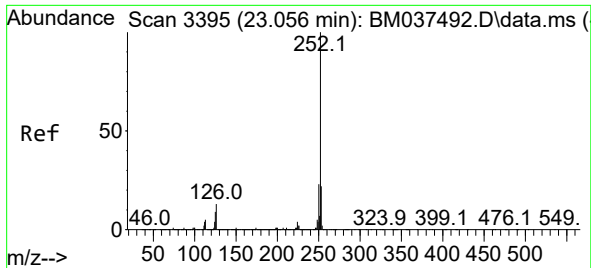
Tgt Ion:264 Resp: 1472287
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.8 17.5 26.3



#88
 Benzo(b)fluoranthene
 Concen: 11.430 ng
 RT: 23.003 min Scan# 3403
 Delta R.T. -0.006 min
 Lab File: BM037502.D
 Acq: 14 Nov 2022 14:08

Tgt Ion:252 Resp: 1128398
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 10.4 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 11.270 ng
RT: 23.003 min Scan# 34
Delta R.T. -0.053 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:252 Resp: 1128398
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.4 7.7 11.5

