

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
 Data File : BM037501.D
 Acq On : 14 Nov 2022 12:17
 Operator : CG/JU
 Sample : N5317-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: Nov 15 00:01:42 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	205636	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	900778	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	576914	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1211186	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1329132	20.000	ng	0.00
86) Perylene-d12	23.703	264	1231994	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1201825	110.369	ng	0.00
7) Phenol-d6	6.975	99	1721436	109.876	ng	0.00
23) Nitrobenzene-d5	8.969	82	1129131	65.140	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	964433	120.901	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2805577	67.586	ng	0.00
79) Terphenyl-d14	19.815	244	5565617	83.629	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.004	94	1152515	64.585	ng	100
11) bis(2-Chloroethyl)ether	7.228	93	2133048	147.642	ng	99
12) 1,3-Dichlorobenzene	7.681	146	2117061	134.475	ng	99
14) 1,2-Dichlorobenzene	8.145	146	1621602	101.275	ng	99
19) n-Nitroso-di-n-propyla...	8.610	70	878319	70.997	ng	98
24) Nitrobenzene	9.010	77	2223445	124.353	ng	99
25) Isophorone	9.539	82	4276807	133.738	ng	99
26) 2-Nitrophenol	9.722	139	845322	101.357	ng	99
28) bis(2-Chloroethoxy)met...	10.016	93	1491485	80.871	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	2115965	135.222	ng	100
34) Hexachlorobutadiene	10.916	225	1122205	123.105	ng	98
36) 4-Chloro-3-methylphenol	11.898	107	1388440	88.783	ng	100
37) 2-Methylnaphthalene	12.257	142	1258099	35.030	ng	99
43) 2,4,6-Trichlorophenol	12.874	196	1083805	89.171	ng	99
47) 2-Chloronaphthalene	13.316	162	1657672	46.139	ng	99
49) Acenaphthylene	14.163	152	2321959	40.350	ng	100
50) Dimethylphthalate	13.916	163	4878060	105.642	ng	99
51) 2,6-Dinitrotoluene	14.039	165	723769	72.948	ng	99
52) Acenaphthene	14.504	154	1580536	44.996	ng	100
55) Dibenzofuran	14.839	168	4195161	74.688	ng	100
56) 4-Nitrophenol	14.686	139	780257	80.183	ng	99
57) 2,4-Dinitrotoluene	14.827	165	851950	62.026	ng	96
58) Fluorene	15.492	166	5901907	123.905	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1674591	75.236	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	979902	72.284	ng	98
71) Phenanthrene	17.227	178	4452271	59.882	ng	99
74) Di-n-butylphthalate	18.162	149	7701427	86.806	ng	99
75) Fluoranthene	19.251	202	5792112	65.357	ng	99
78) Pyrene	19.615	202	8373635	96.066	ng	98
81) Benzo(a)anthracene	21.356	228	3489213	37.450	ng	100
83) Chrysene	21.415	228	4595233	51.087	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	7917159	143.407	ng	98
88) Benzo(b)fluoranthene	23.003	252	4796147	58.059	ng	100

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

Instrument :

BNA_M

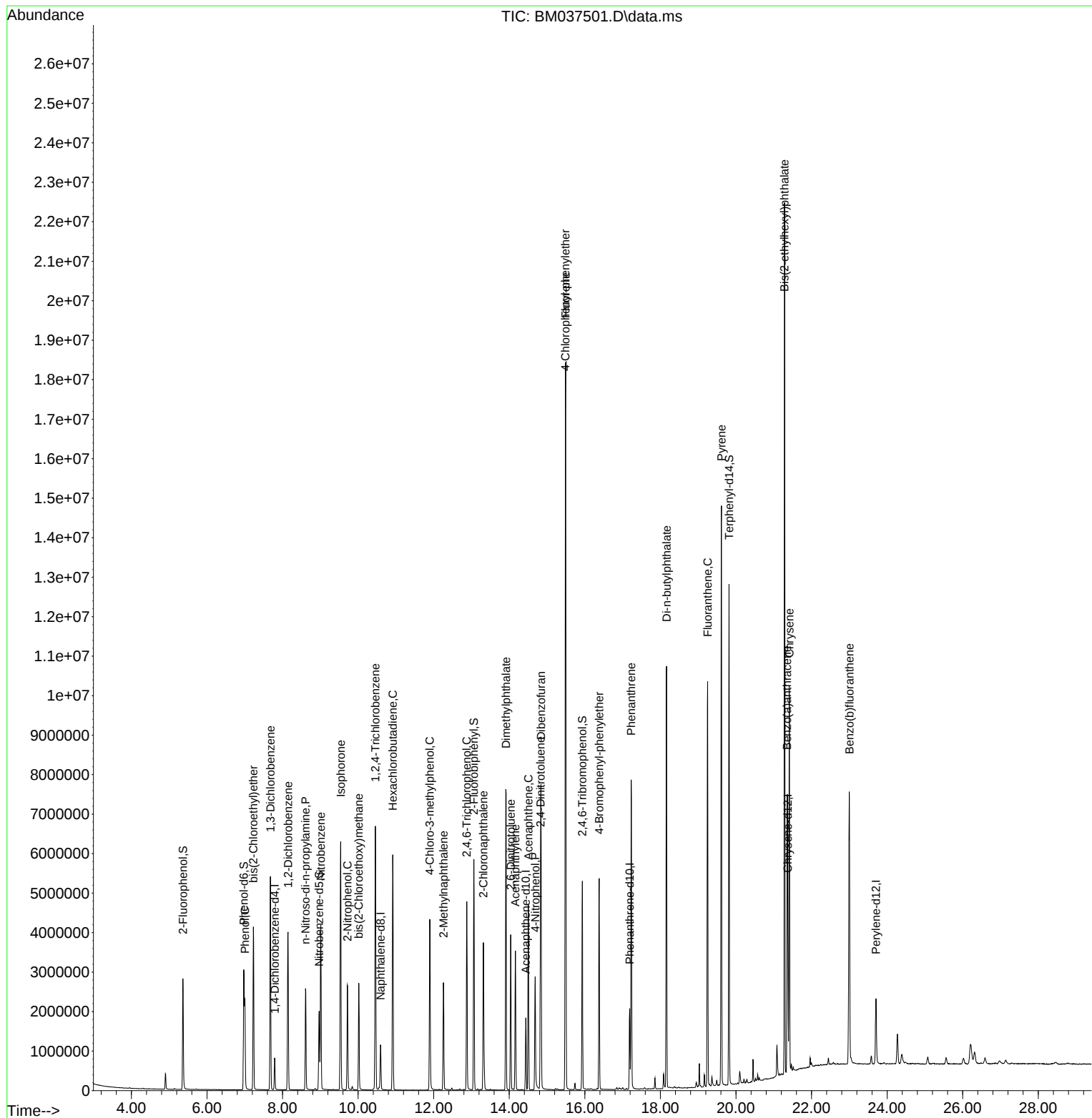
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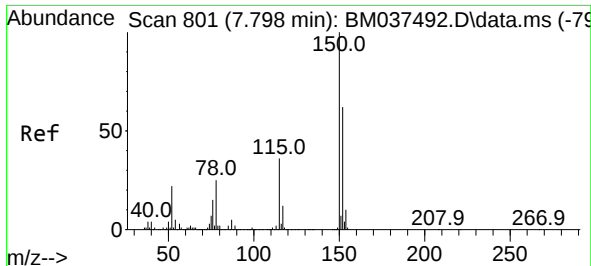
PT-BNA-SOIL

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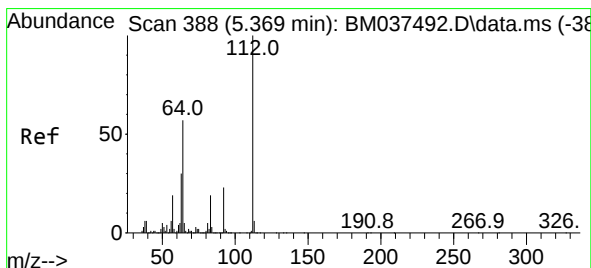
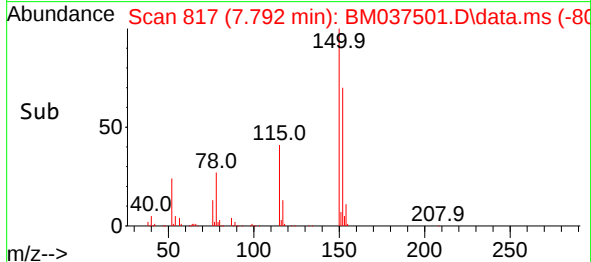
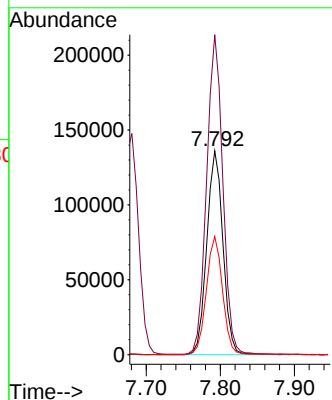
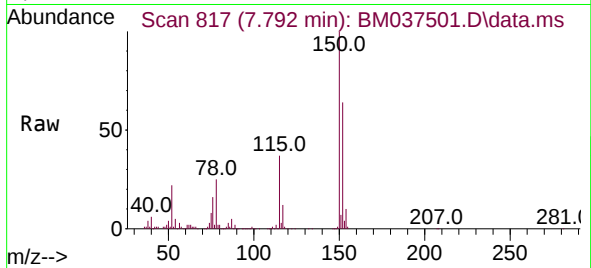




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

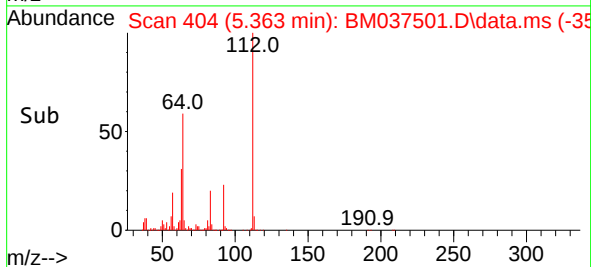
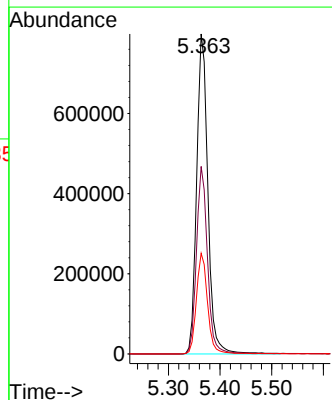
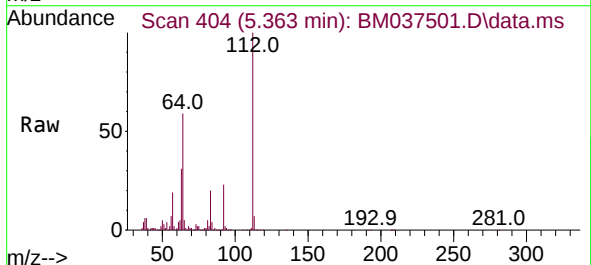
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BNA_M
ClientSampleId :
PT-BNA-SOIL

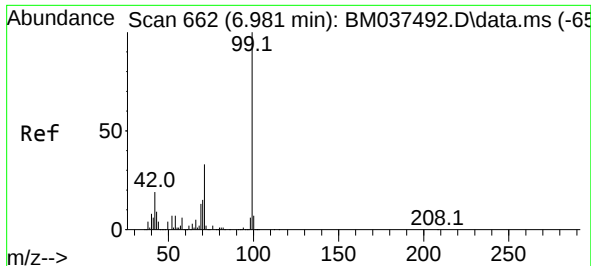
Tgt Ion:152 Resp: 205636
Ion Ratio Lower Upper
152 100
150 157.1 129.8 194.6
115 58.0 46.6 69.8



#5
2-Fluorophenol
Concen: 110.369 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:112 Resp: 1201825
Ion Ratio Lower Upper
112 100
64 58.6 45.9 68.9
63 31.4 24.2 36.4



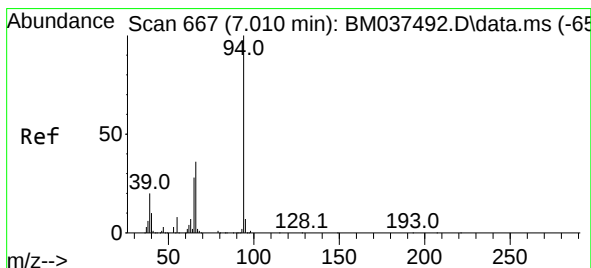
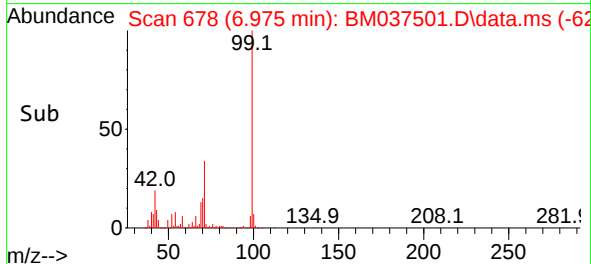
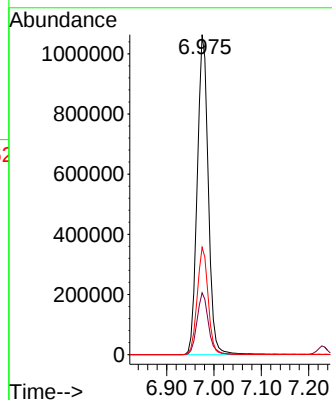
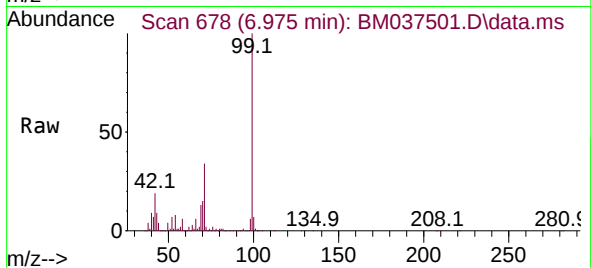


#7
Phenol-d6
Concen: 109.876 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Tgt Ion: 99 Resp: 1721436

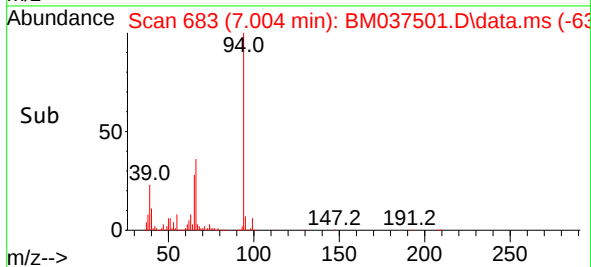
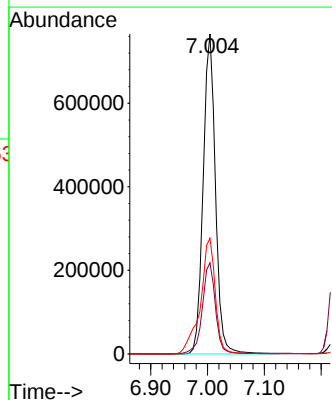
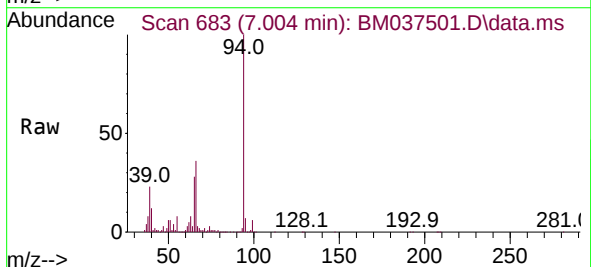
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.0	22.6
71	33.5	26.2	39.2

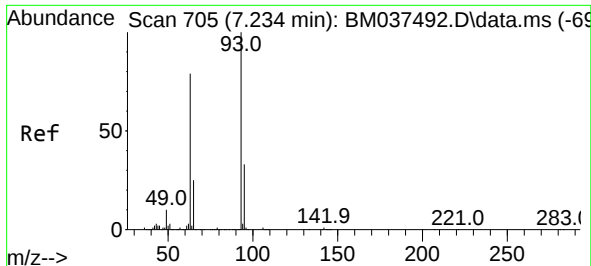


#10
Phenol
Concen: 64.585 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion: 94 Resp: 1152515

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.6	48.6
66	36.1	16.5	56.5



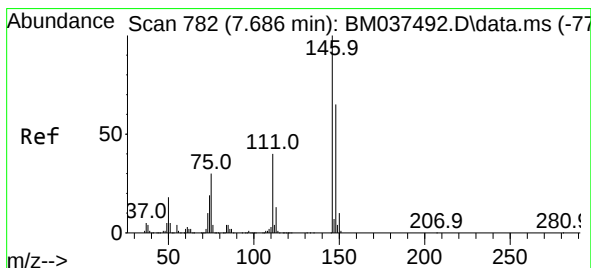
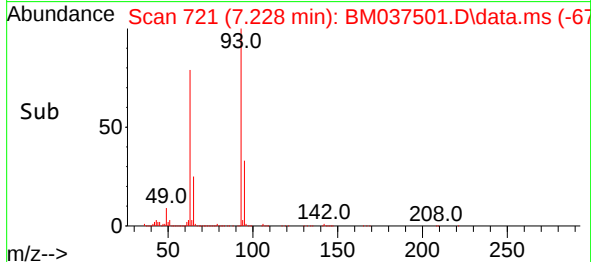
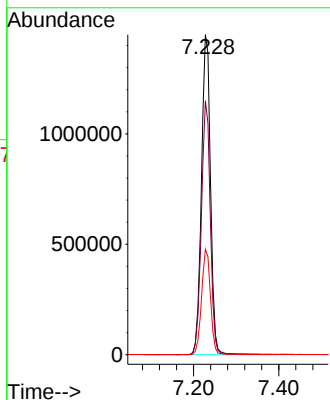
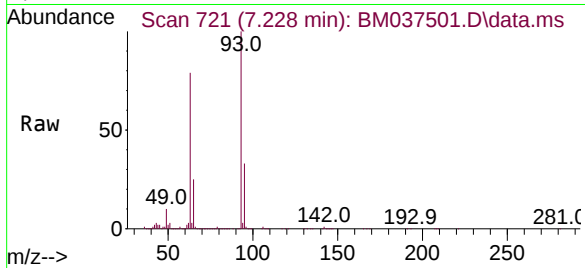


#11
bis(2-Chloroethyl)ether
Concen: 147.642 ng
RT: 7.228 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Tgt Ion: 93 Resp: 2133048

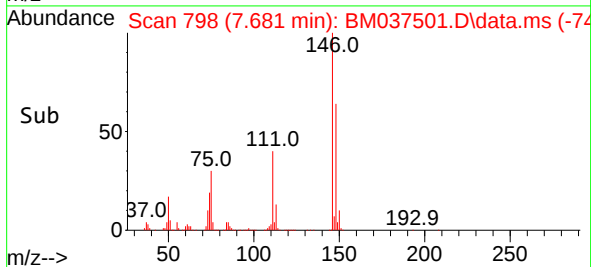
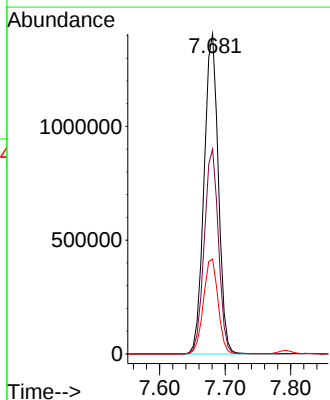
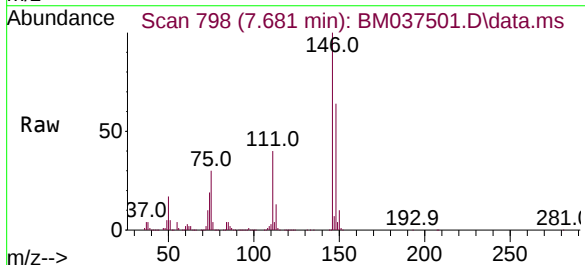
Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.3	98.3
95	32.9	12.6	52.6

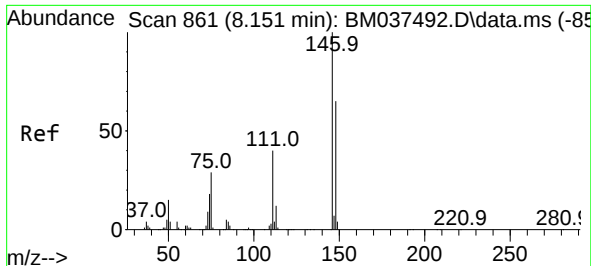


#12
1,3-Dichlorobenzene
Concen: 134.475 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:146 Resp: 2117061

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
75	29.6	23.8	35.6

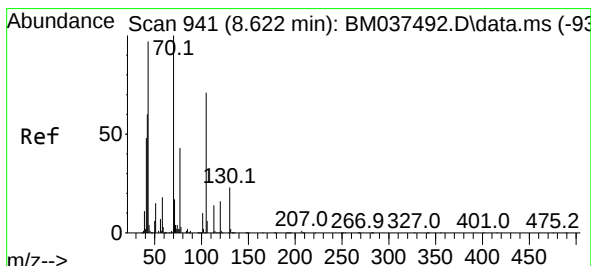
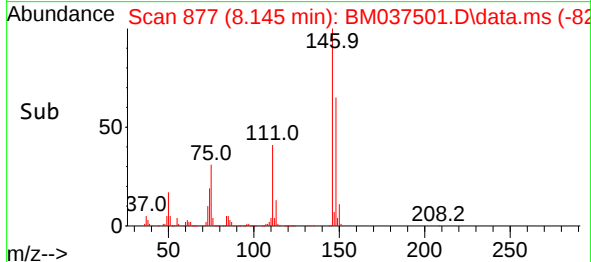
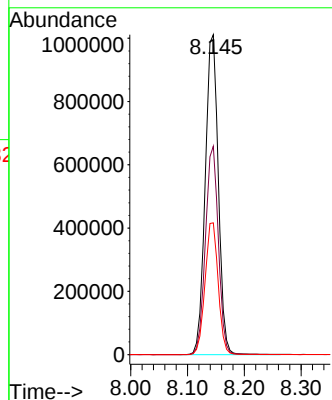
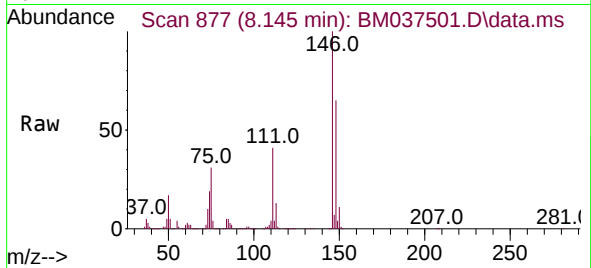




#14
1,2-Dichlorobenzene
Concen: 101.275 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

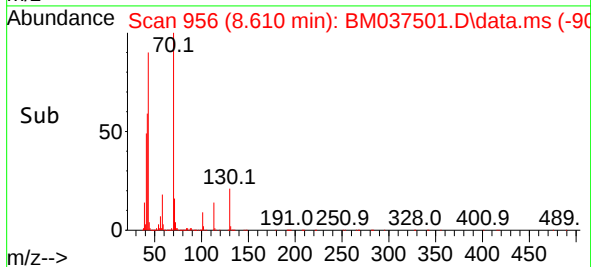
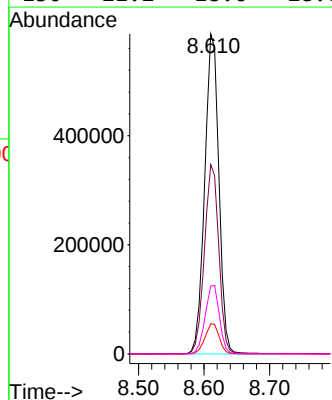
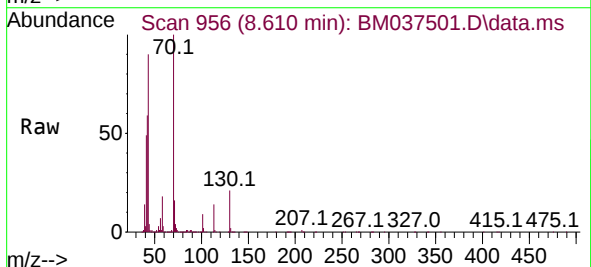
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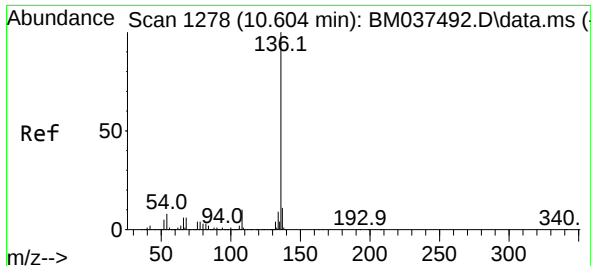
Tgt Ion:146 Resp: 1621602
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
111 41.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 70.997 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.012 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion: 70 Resp: 878319
Ion Ratio Lower Upper
70 100
42 59.1 48.5 72.7
101 9.5 7.8 11.6
130 21.2 18.6 28.0

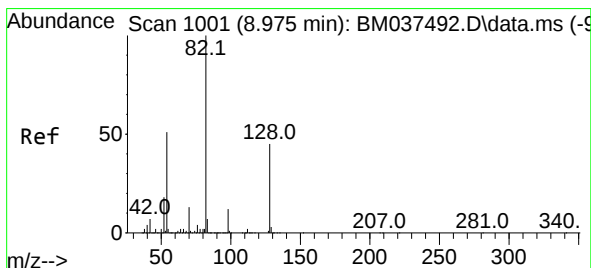
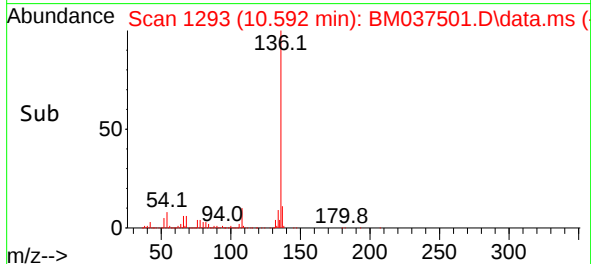
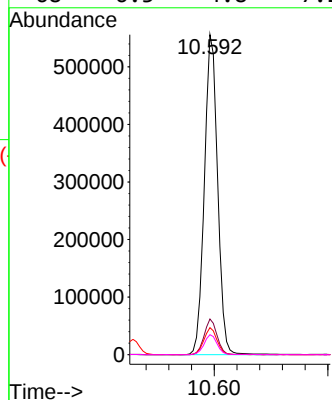
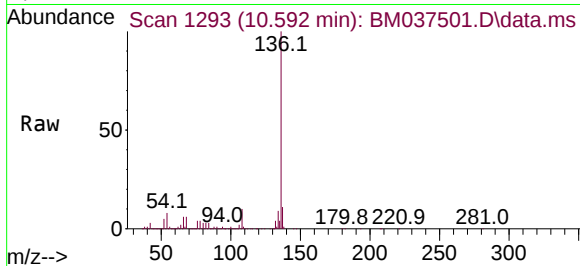




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

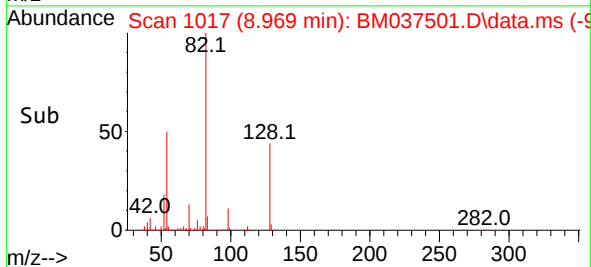
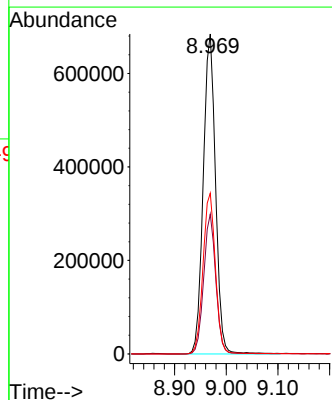
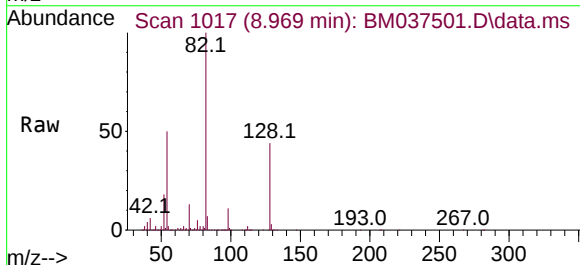
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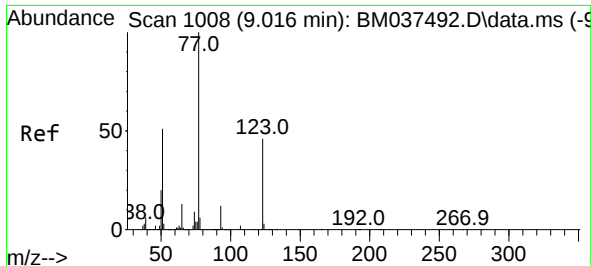
Tgt Ion:136 Resp: 900778
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.4 6.3 9.5
68 6.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 65.140 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion: 82 Resp: 1129131
Ion Ratio Lower Upper
82 100
128 43.7 36.3 54.5
54 50.2 40.7 61.1

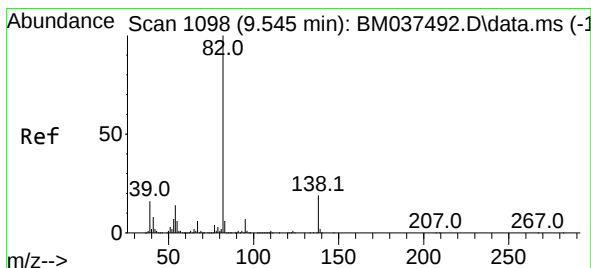
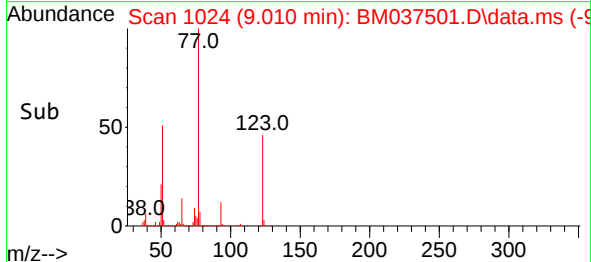
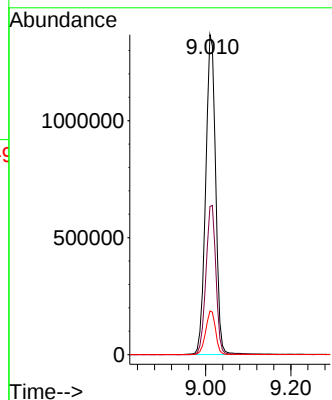
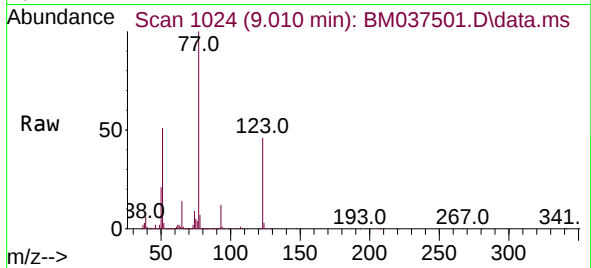




#24
Nitrobenzene
Concen: 124.353 ng
RT: 9.010 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

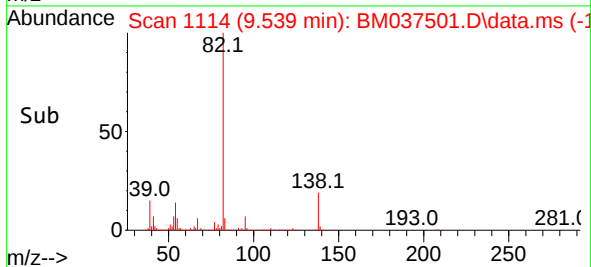
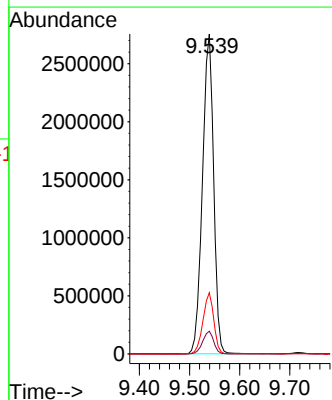
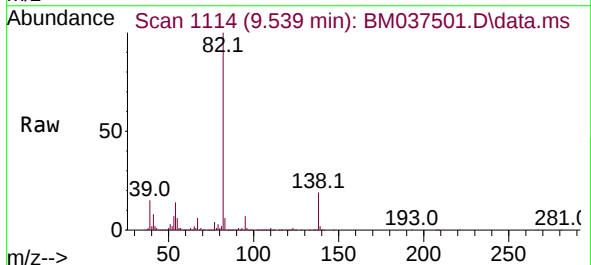
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

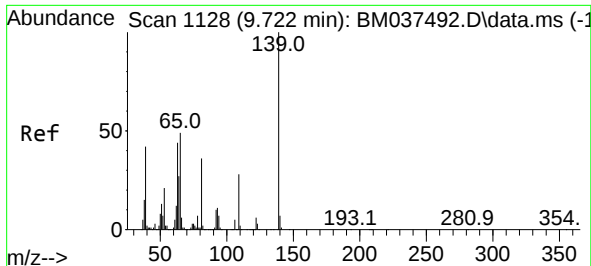
Tgt Ion: 77 Resp: 2223445
Ion Ratio Lower Upper
77 100
123 46.3 36.7 55.1
65 13.6 10.7 16.1



#25
Isophorone
Concen: 133.738 ng
RT: 9.539 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion: 82 Resp: 4276807
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 19.1 14.9 22.3

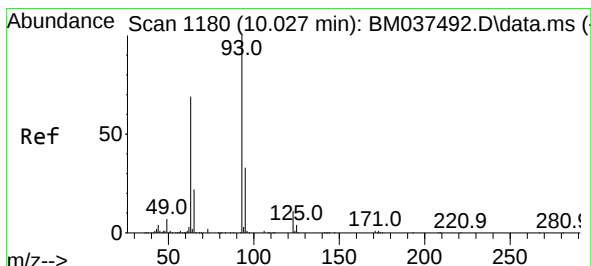
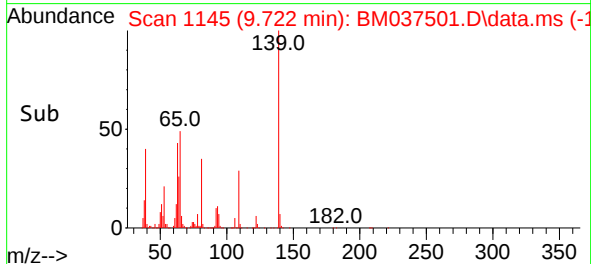
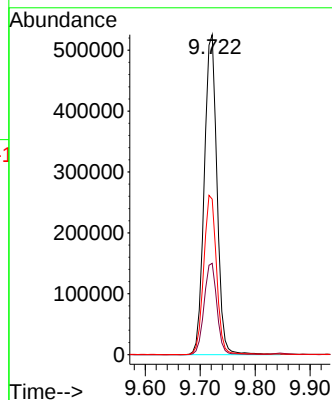
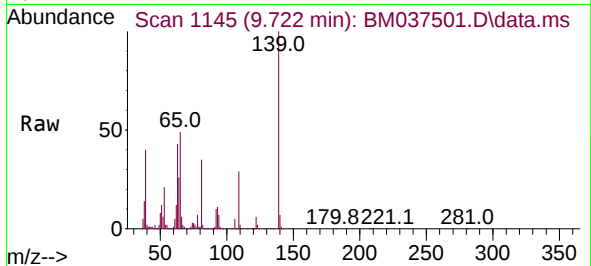




#26
2-Nitrophenol
Concen: 101.357 ng
RT: 9.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

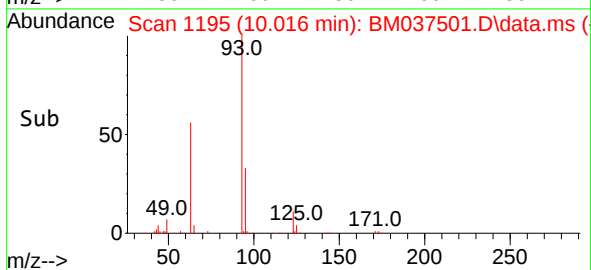
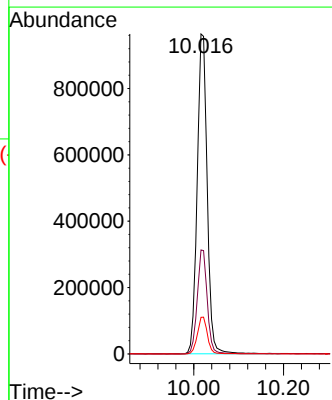
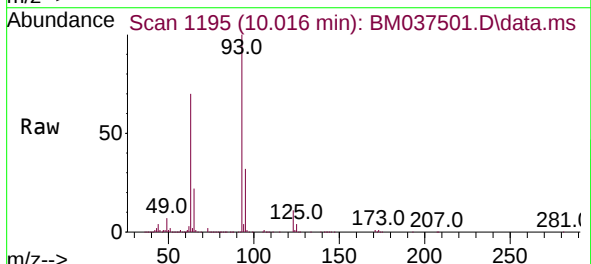
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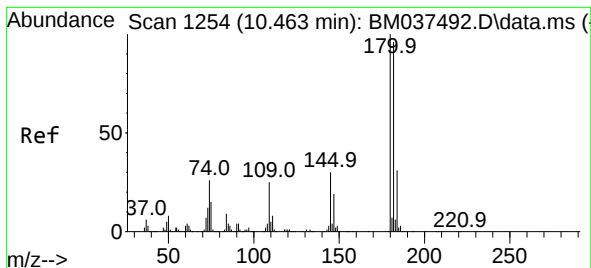
Tgt Ion:139 Resp: 845322
Ion Ratio Lower Upper
139 100
109 28.5 22.8 34.2
65 48.6 39.4 59.2



#28
bis(2-Chloroethoxy)methane
Concen: 80.871 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion: 93 Resp: 1491485
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.4 9.4 14.0

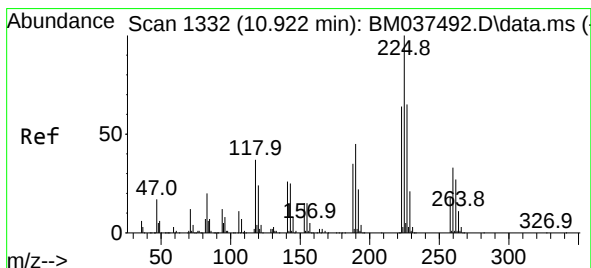
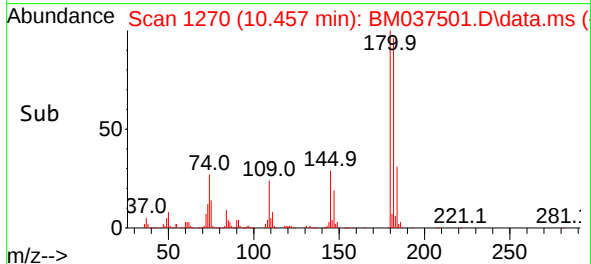
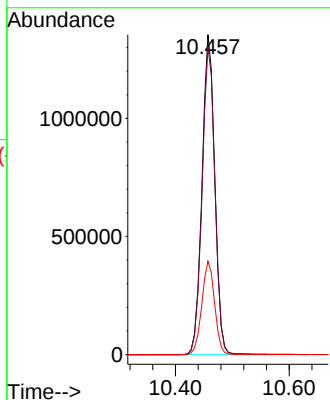
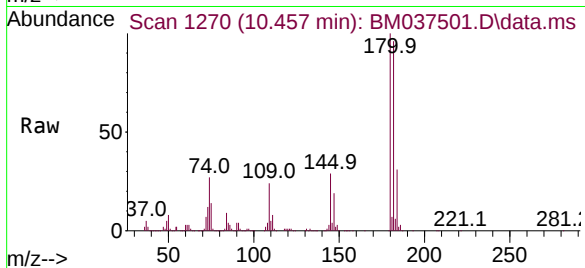




#30
1,2,4-Trichlorobenzene
Concen: 135.222 ng
RT: 10.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

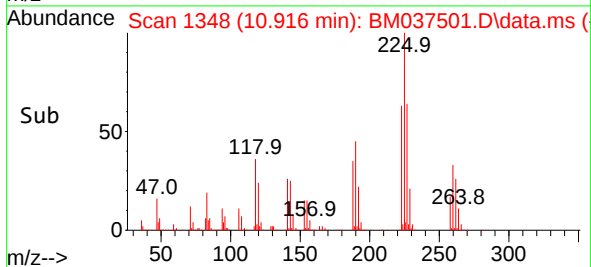
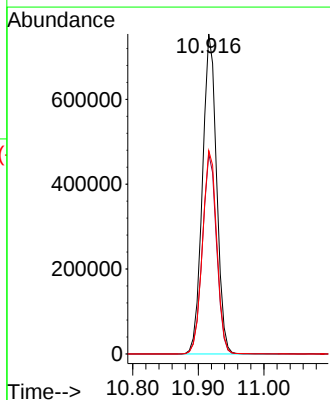
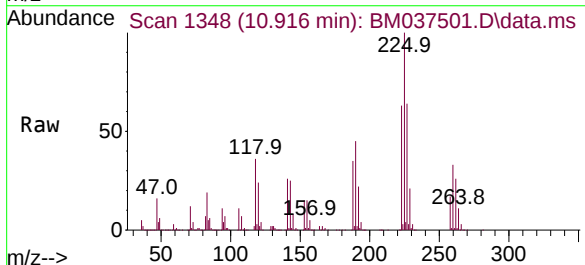
Instrument :
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ClientSampleId :
PT-BNA-SOIL

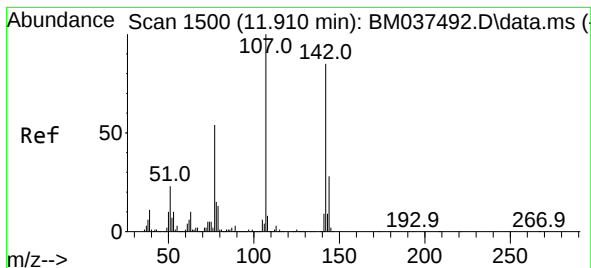
Tgt Ion:180 Resp: 2115965
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.4
145 29.2 23.9 35.9



#34
Hexachlorobutadiene
Concen: 123.105 ng
RT: 10.916 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:225 Resp: 1122205
Ion Ratio Lower Upper
225 100
223 62.5 51.4 77.2
227 63.5 52.0 78.0

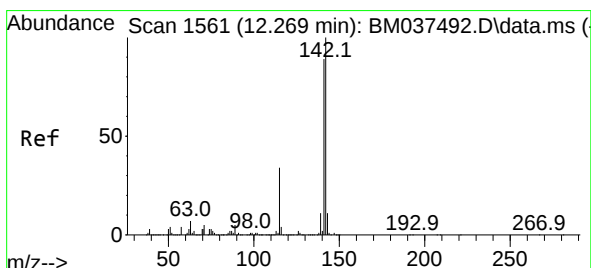
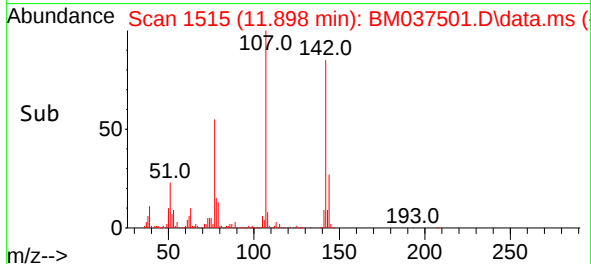
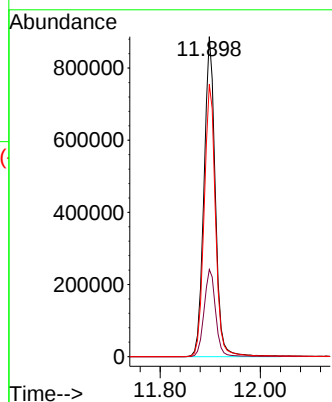
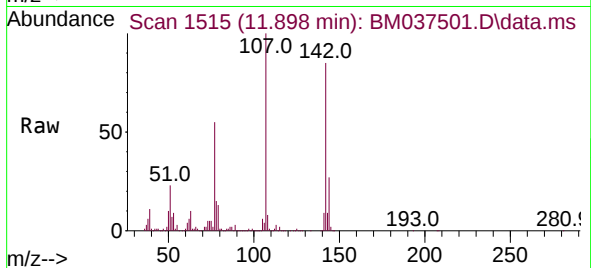




#36
4-Chloro-3-methylphenol
Concen: 88.783 ng
RT: 11.898 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

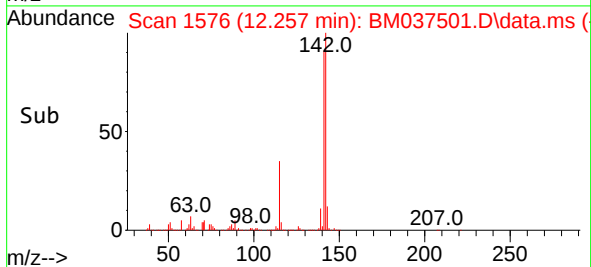
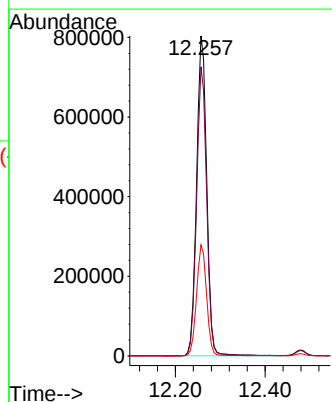
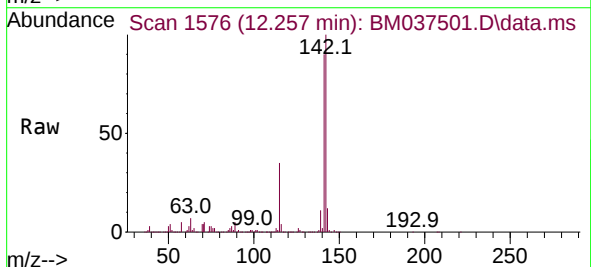
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

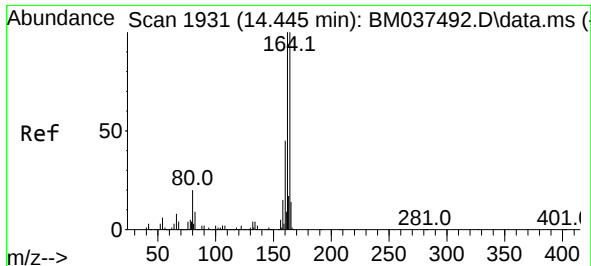
Tgt Ion:107 Resp: 1388440
Ion Ratio Lower Upper
107 100
144 27.2 22.1 33.1
142 85.1 68.2 102.4



#37
2-Methylnaphthalene
Concen: 35.030 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:142 Resp: 1258099
Ion Ratio Lower Upper
142 100
141 90.3 71.5 107.3
115 34.7 26.9 40.3

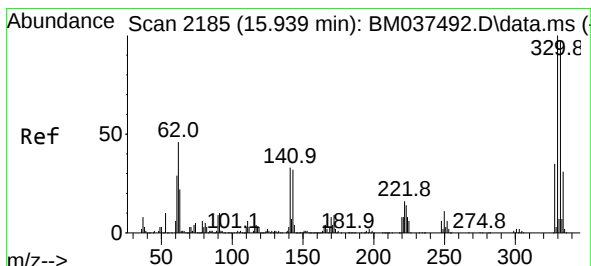
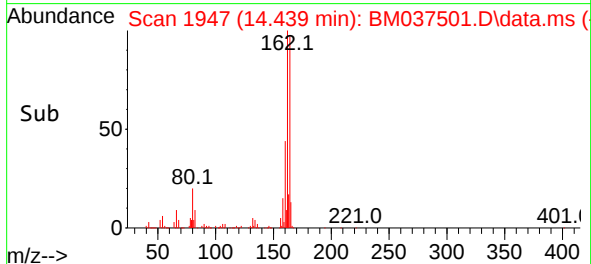
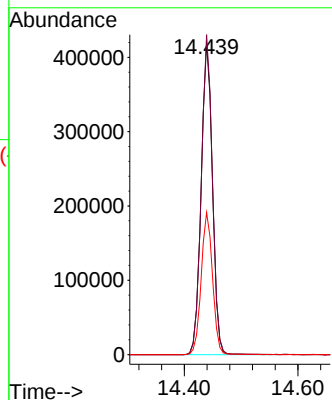
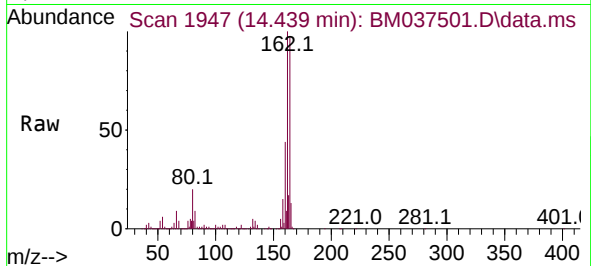




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

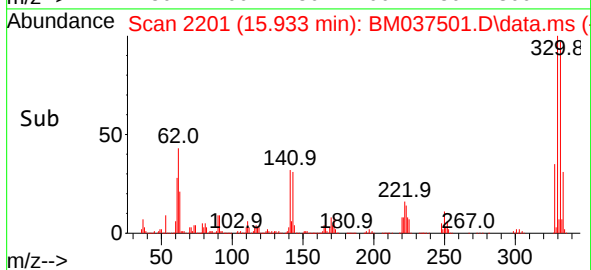
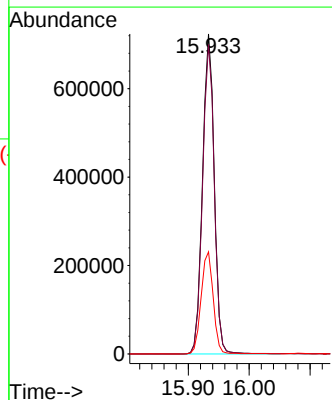
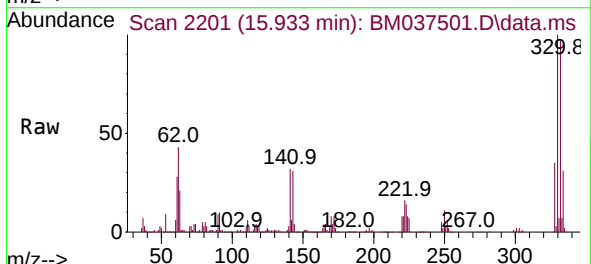
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

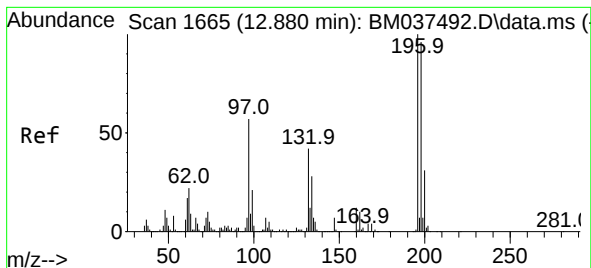
Tgt Ion:164 Resp: 576914
Ion Ratio Lower Upper
164 100
162 102.7 79.9 119.9
160 45.6 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 120.901 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:330 Resp: 964433
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 32.9 26.2 39.2





#43

2,4,6-Trichlorophenol

Concen: 89.171 ng

RT: 12.874 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOIL

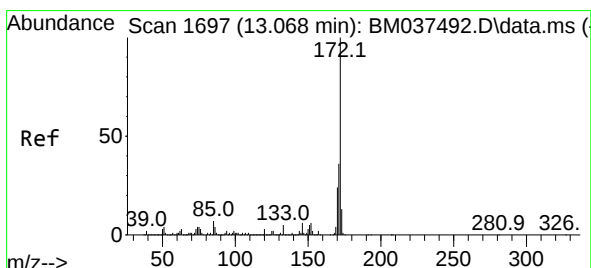
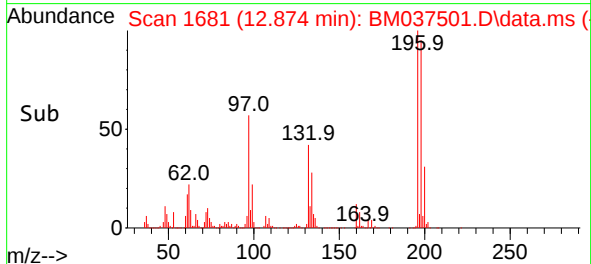
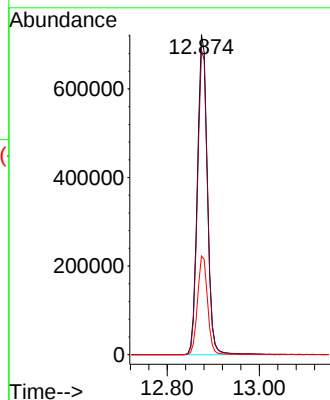
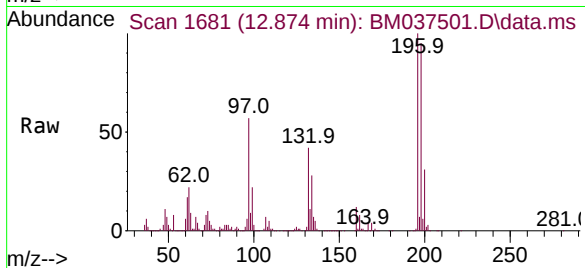
Tgt Ion:196 Resp: 1083805

Ion Ratio Lower Upper

196 100

198 95.2 77.0 115.6

200 30.8 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 67.586 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.005 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

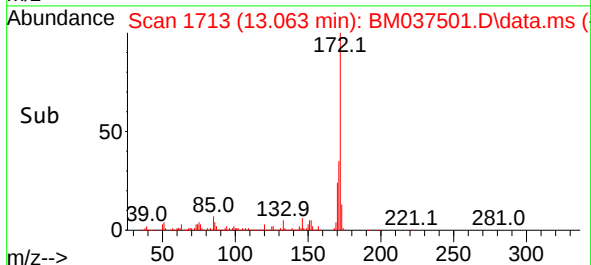
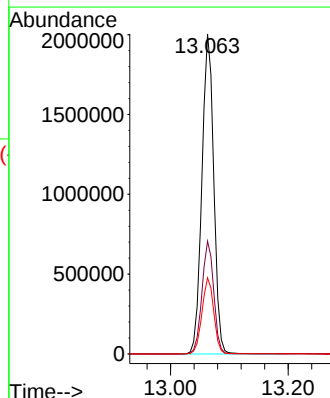
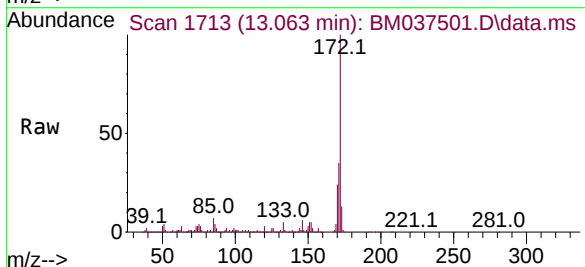
Tgt Ion:172 Resp: 2805577

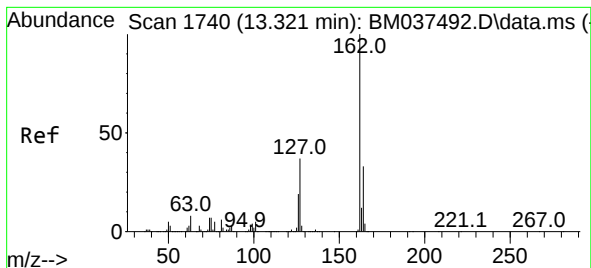
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.8 18.9 28.3

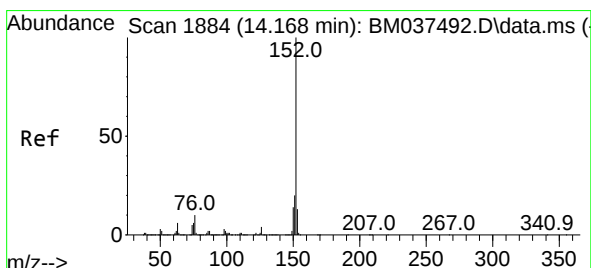
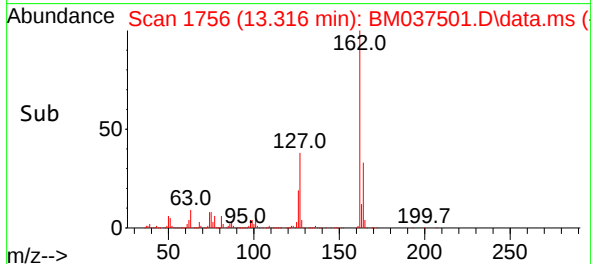
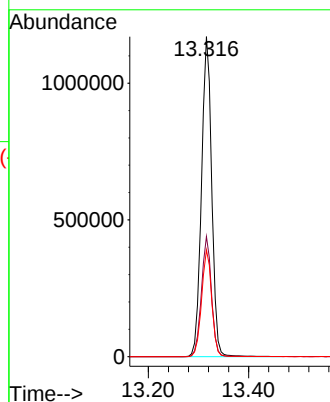
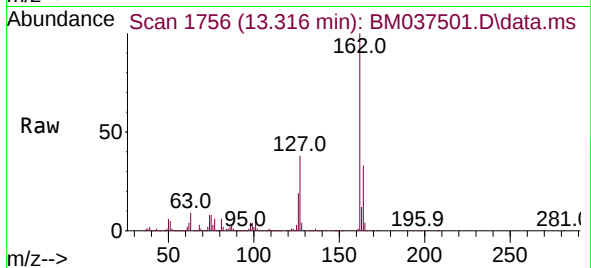




#47
2-Chloronaphthalene
Concen: 46.139 ng
RT: 13.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

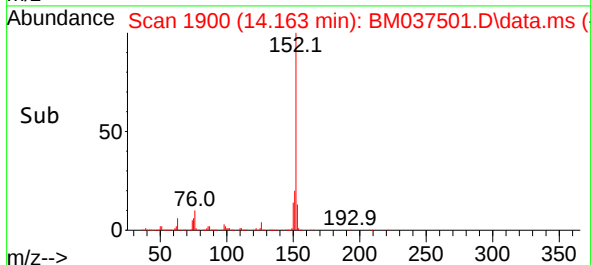
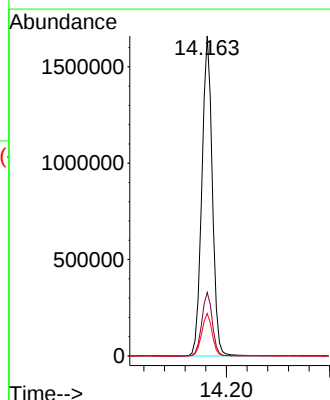
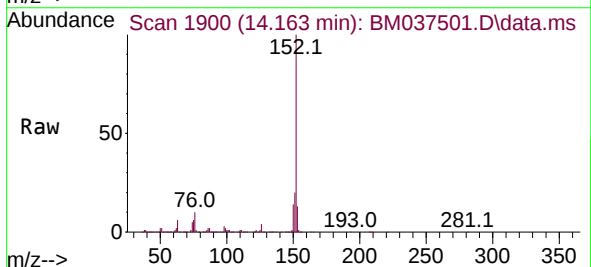
Instrument :
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ClientSampleId :
PT-BNA-SOIL

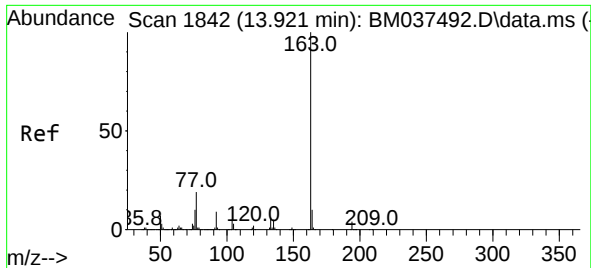
Tgt Ion:162 Resp: 1657672
Ion Ratio Lower Upper
162 100
127 37.5 29.8 44.8
164 33.3 26.3 39.5



#49
Acenaphthylene
Concen: 40.350 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:152 Resp: 2321959
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.6 16.0

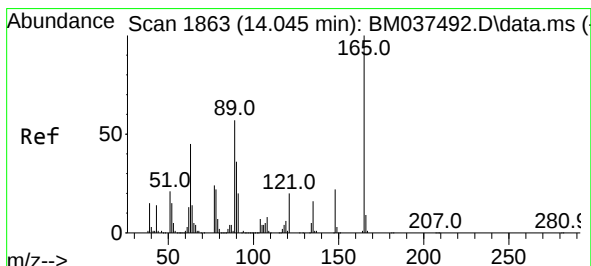
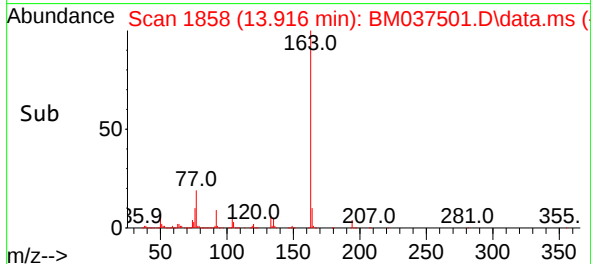
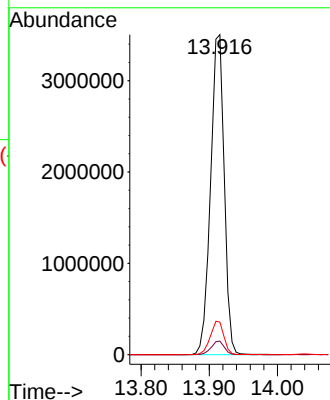
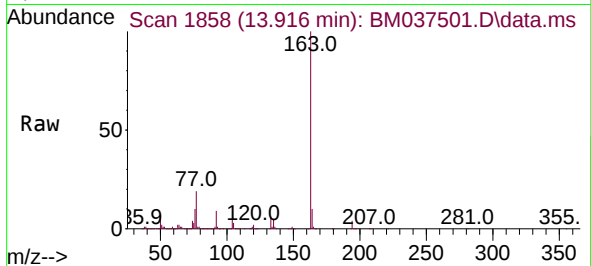




#50
Dimethylphthalate
Concen: 105.642 ng
RT: 13.916 min Scan# 1842
Delta R.T. -0.005 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

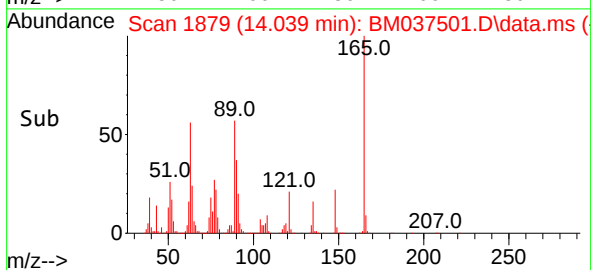
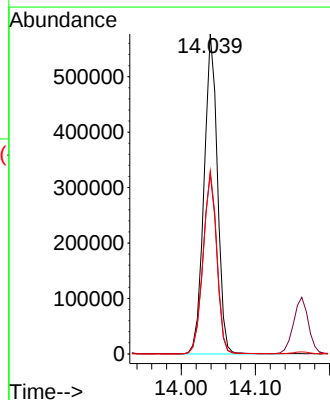
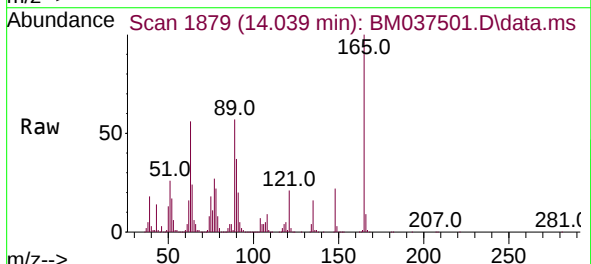
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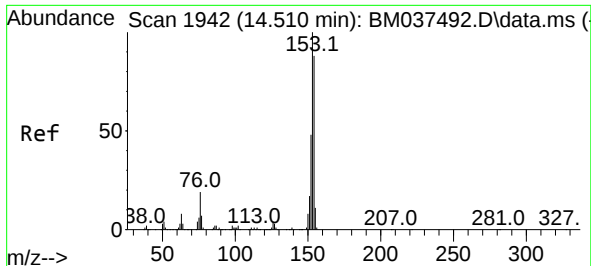
Tgt Ion:163 Resp: 4878060
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 72.948 ng
RT: 14.039 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:165 Resp: 723769
Ion Ratio Lower Upper
165 100
63 56.3 46.2 69.2
89 57.2 45.4 68.2

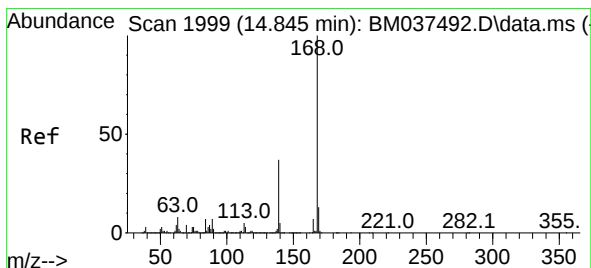
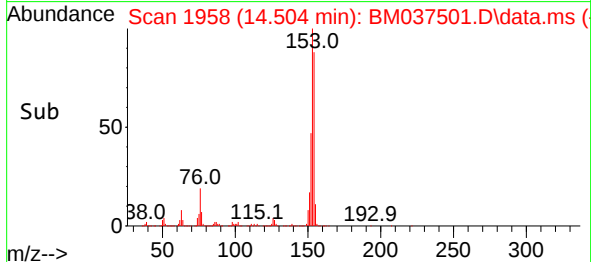
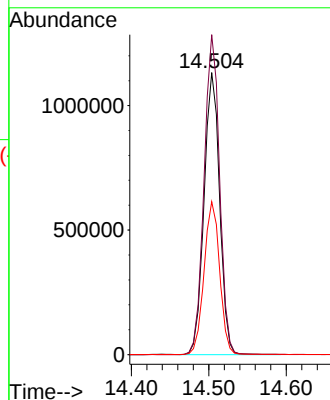
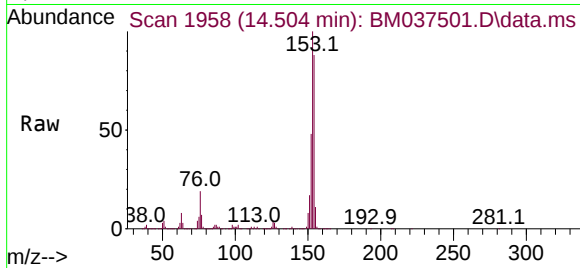




#52
Acenaphthene
Concen: 44.996 ng
RT: 14.504 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

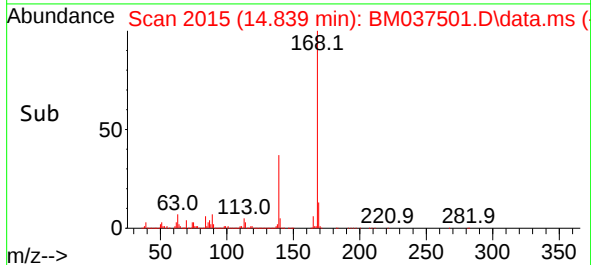
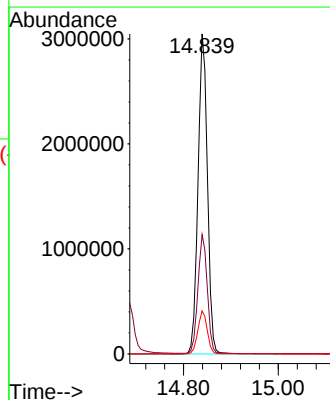
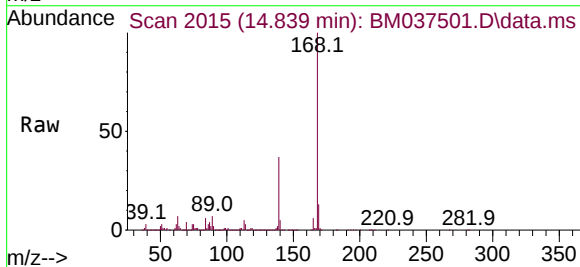
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BNA_M
ClientSampleId :
PT-BNA-SOIL

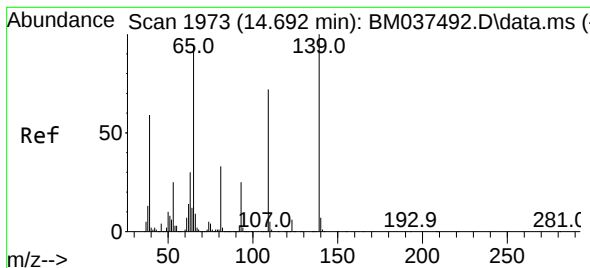
Tgt Ion:154 Resp: 1580536
Ion Ratio Lower Upper
154 100
153 113.5 90.8 136.2
152 54.2 43.3 64.9



#55
Dibenzofuran
Concen: 74.688 ng
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:168 Resp: 4195161
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8
169 13.5 10.8 16.2

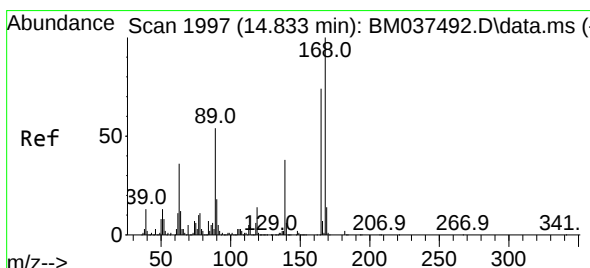
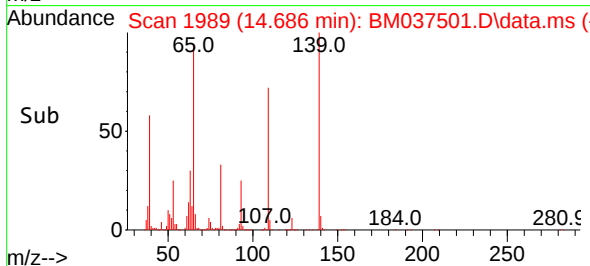
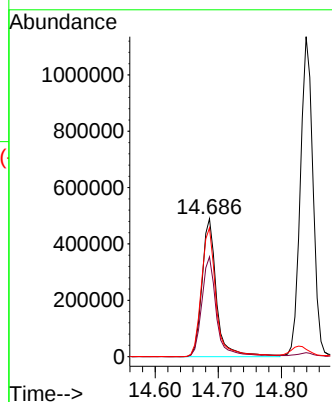
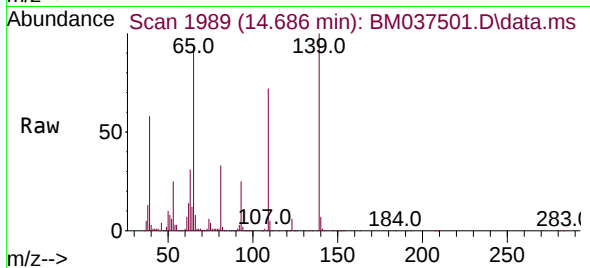




#56
4-Nitrophenol
Concen: 80.183 ng
RT: 14.686 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

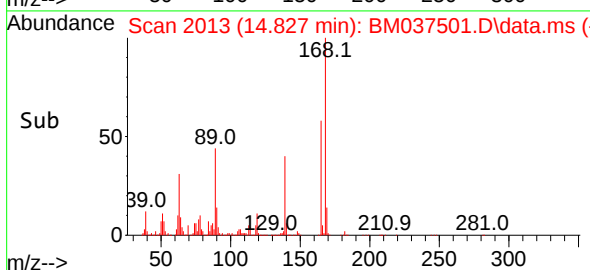
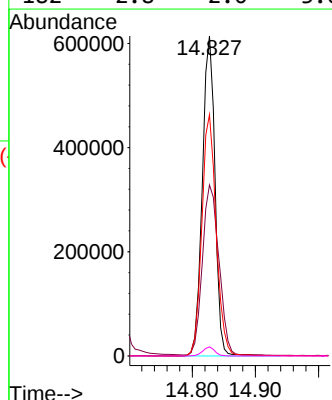
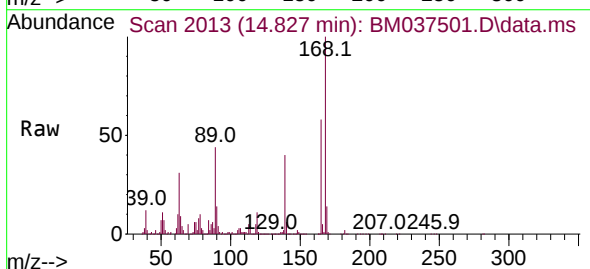
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BNA_M
ClientSampleId :
PT-BNA-SOIL

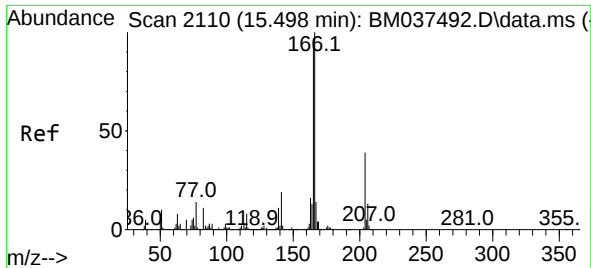
Tgt Ion:139 Resp: 780257
Ion Ratio Lower Upper
139 100
109 72.4 52.1 92.1
65 93.4 74.4 114.4



#57
2,4-Dinitrotoluene
Concen: 62.026 ng
RT: 14.827 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:165 Resp: 851950
Ion Ratio Lower Upper
165 100
63 53.4 39.5 59.3
89 75.4 58.4 87.6
182 2.8 2.0 3.0

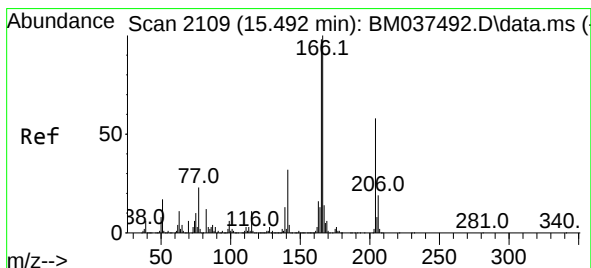
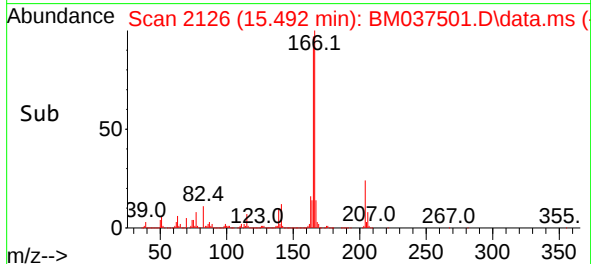
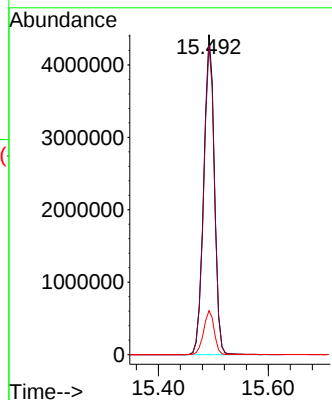
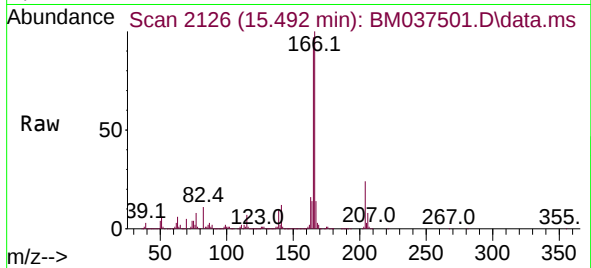




#58
Fluorene
Concen: 123.905 ng
RT: 15.492 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

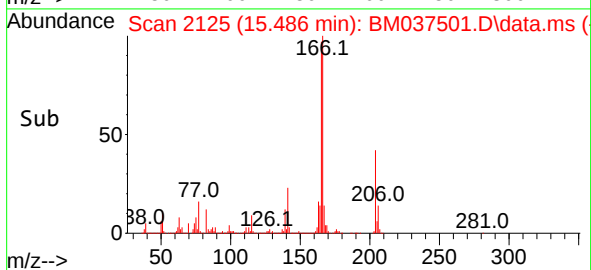
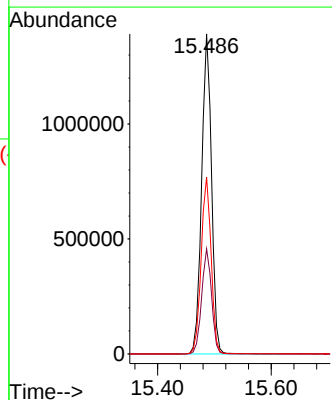
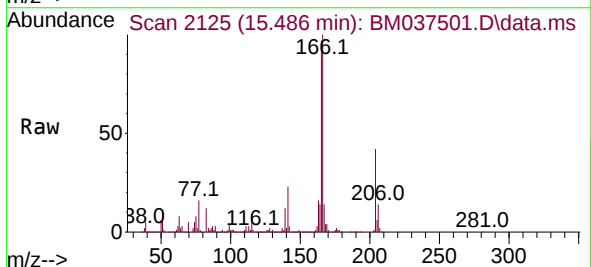
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

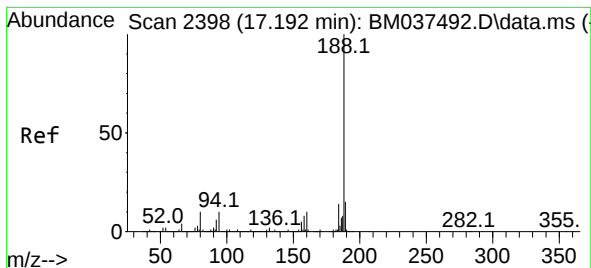
Tgt Ion:166 Resp: 5901907
Ion Ratio Lower Upper
166 100
165 96.7 77.8 116.8
167 13.7 10.8 16.2



#61
4-Chlorophenyl-phenylether
Concen: 75.236 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:204 Resp: 1674591
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 55.3 43.6 65.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOIL

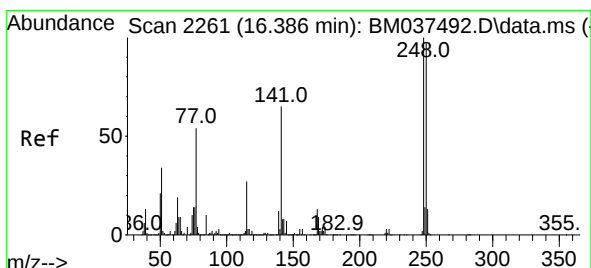
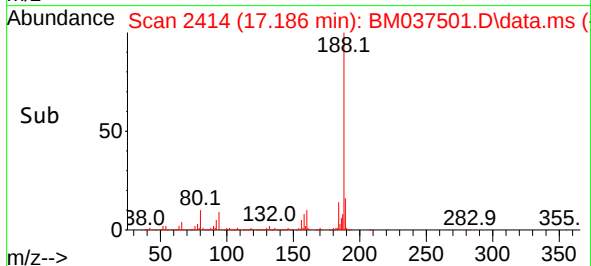
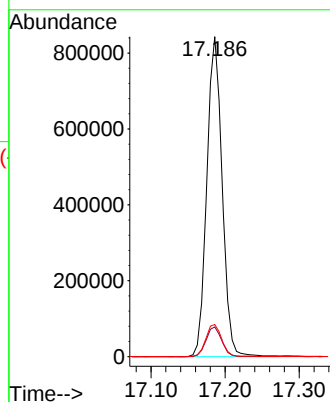
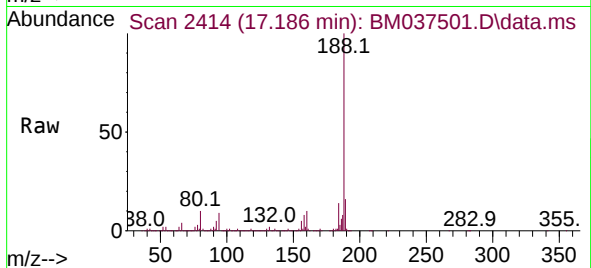
Tgt Ion:188 Resp: 1211186

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

80 10.0 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 72.284 ng

RT: 16.380 min Scan# 2277

Delta R.T. -0.006 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

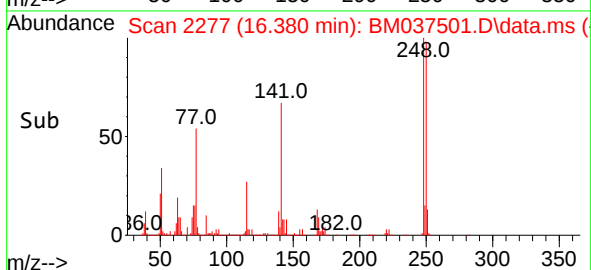
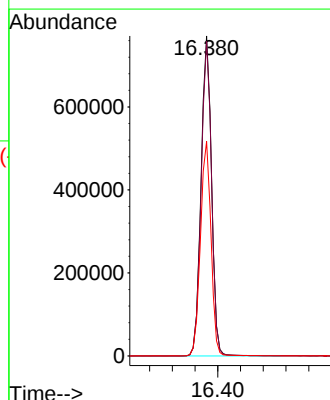
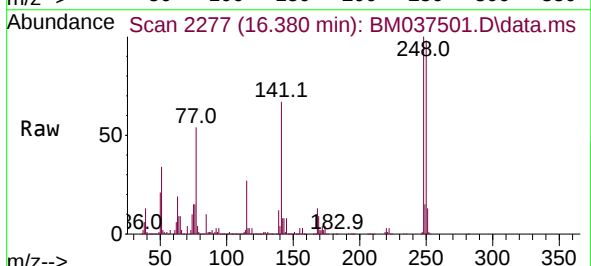
Tgt Ion:248 Resp: 979902

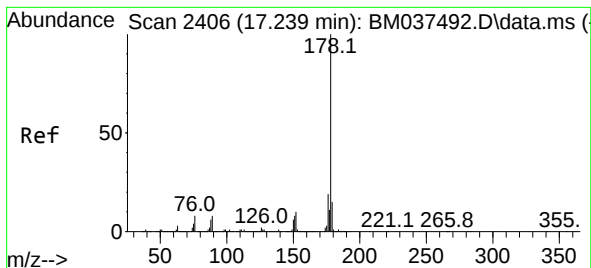
Ion Ratio Lower Upper

248 100

250 98.4 77.8 116.8

141 67.0 52.2 78.2





#71

Phenanthrene

Concen: 59.882 ng

RT: 17.227 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOIL

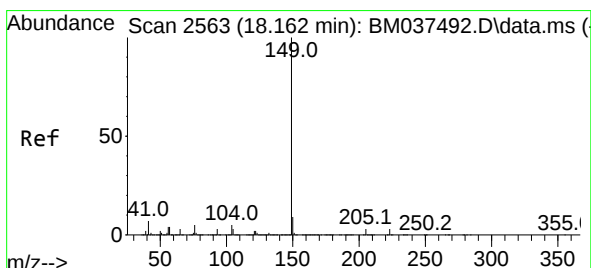
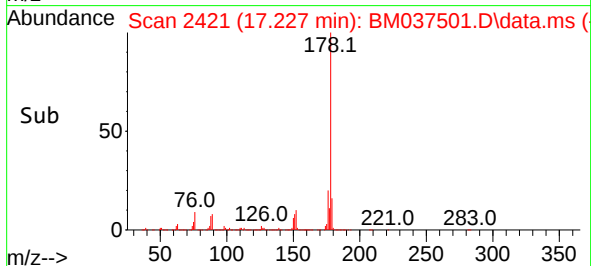
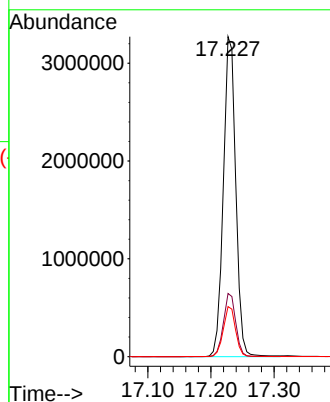
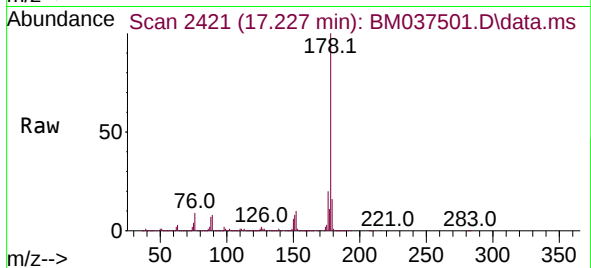
Tgt Ion:178 Resp: 4452271

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.6 12.2 18.4



#74

Di-n-butylphthalate

Concen: 86.806 ng

RT: 18.162 min Scan# 2580

Delta R.T. 0.000 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

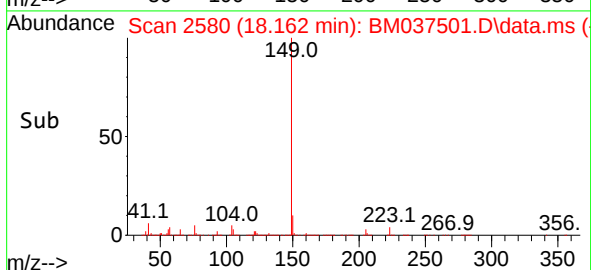
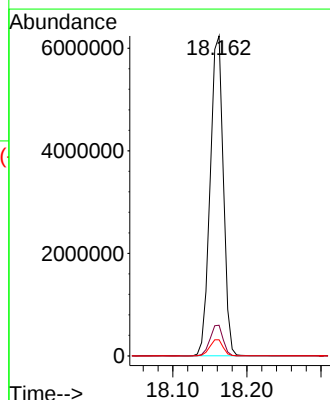
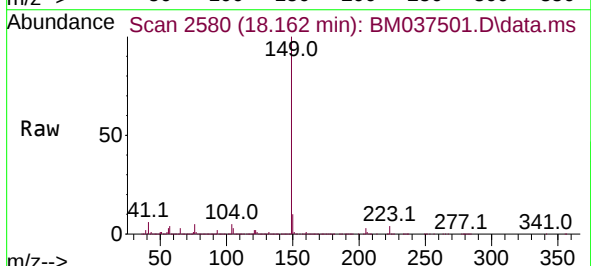
Tgt Ion:149 Resp: 7701427

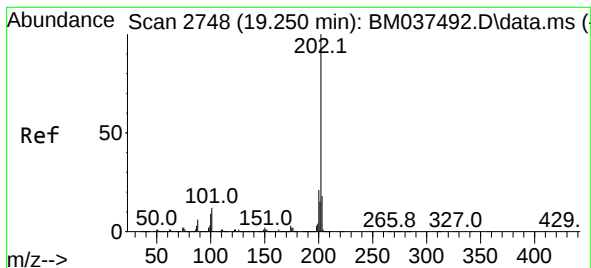
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 65.357 ng

RT: 19.251 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOIL

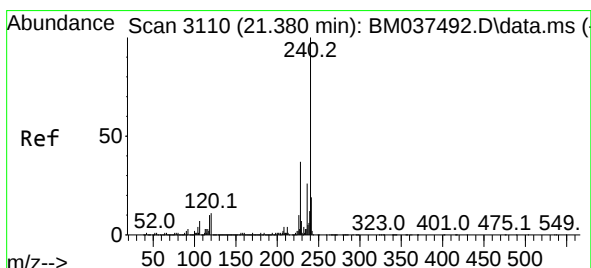
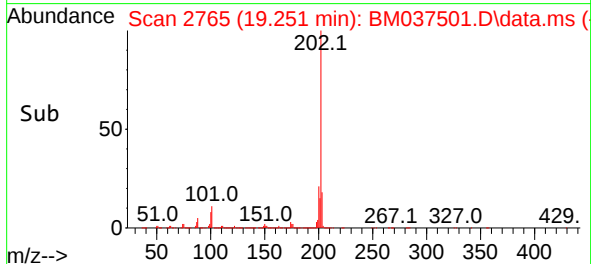
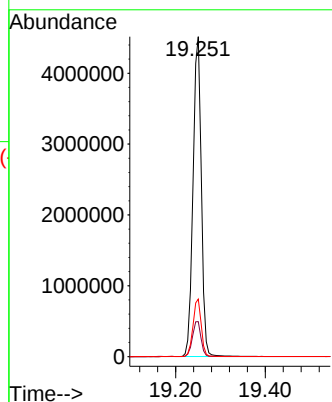
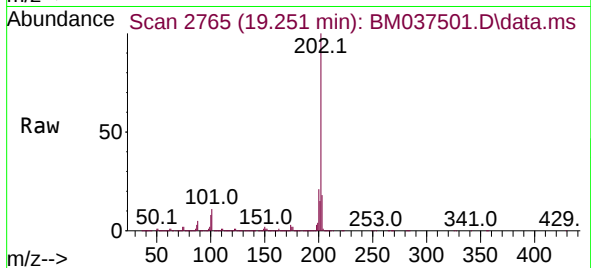
Tgt Ion:202 Resp: 5792112

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.8

203 18.0 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: BM037501.D

Acq: 14 Nov 2022 12:17

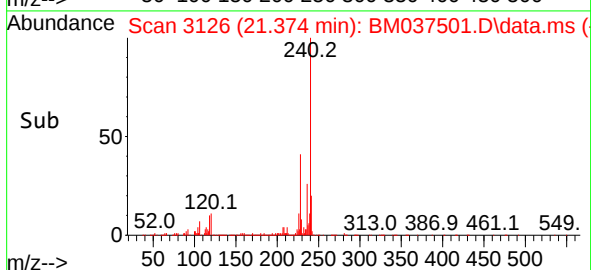
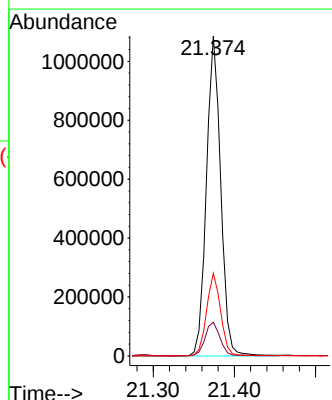
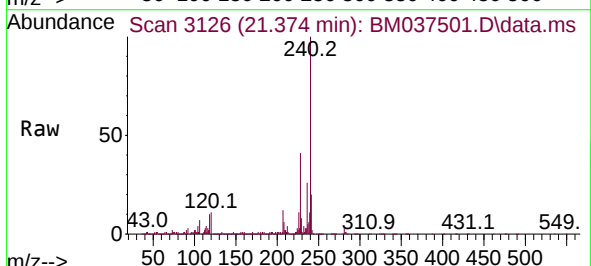
Tgt Ion:240 Resp: 1329132

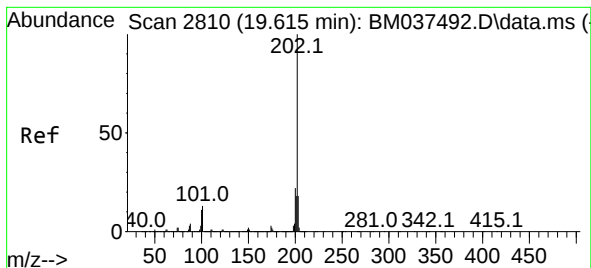
Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 25.8 20.8 31.2





#78

Pyrene

Concen: 96.066 ng

RT: 19.615 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOIL

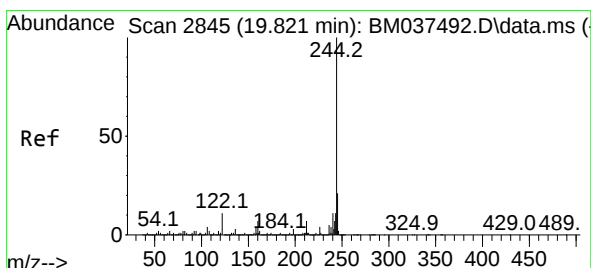
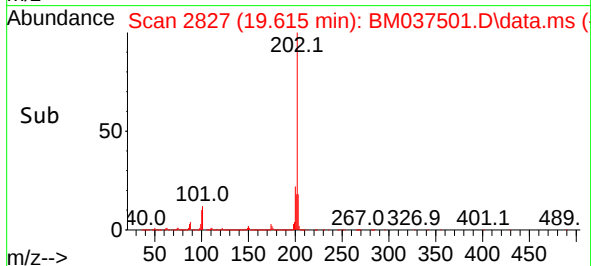
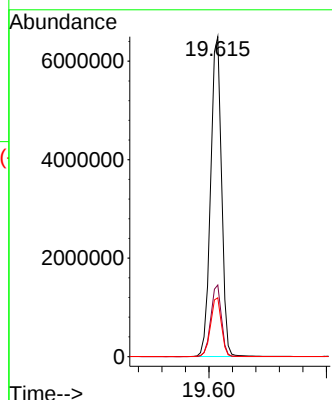
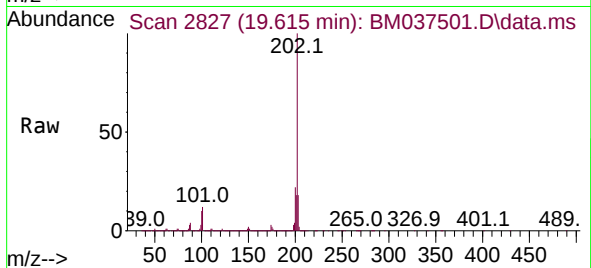
Tgt Ion:202 Resp: 8373635

Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

203 18.4 14.3 21.5



#79

Terphenyl-d14

Concen: 83.629 ng

RT: 19.815 min Scan# 2861

Delta R.T. -0.006 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

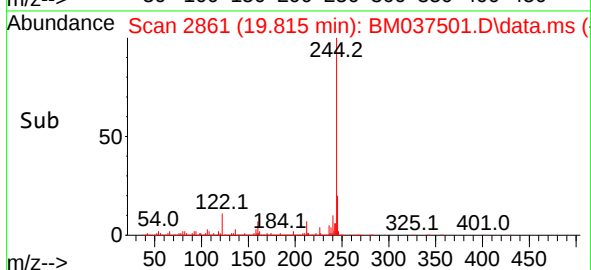
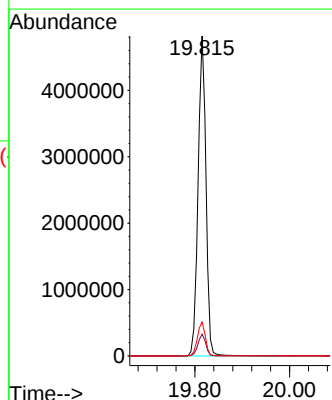
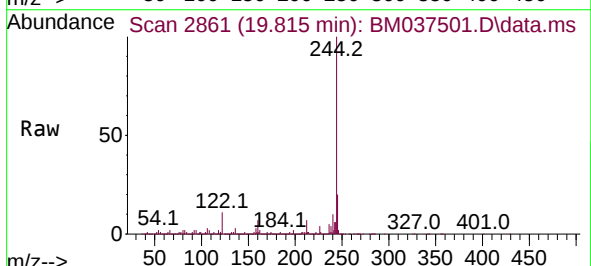
Tgt Ion:244 Resp: 5565617

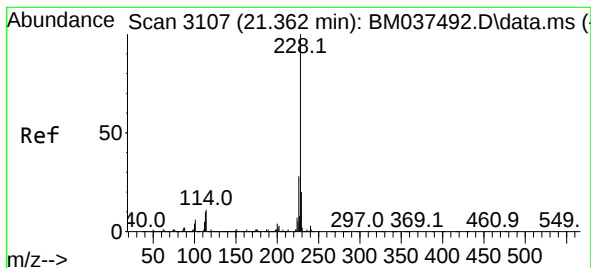
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.5 8.7 13.1





#81

Benzo(a)anthracene

Concen: 37.450 ng

RT: 21.356 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOIL

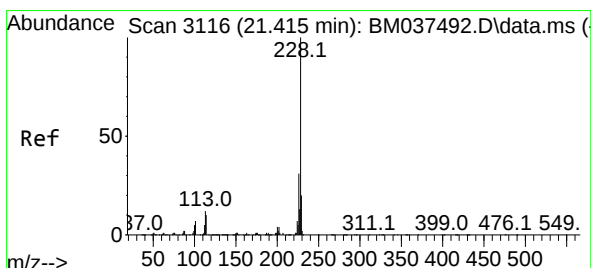
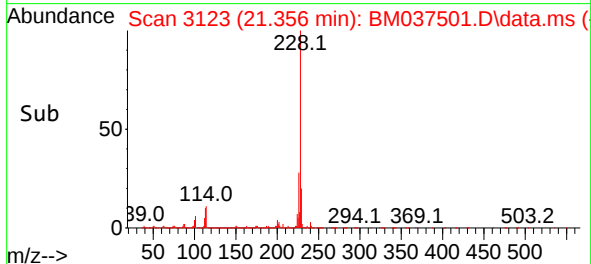
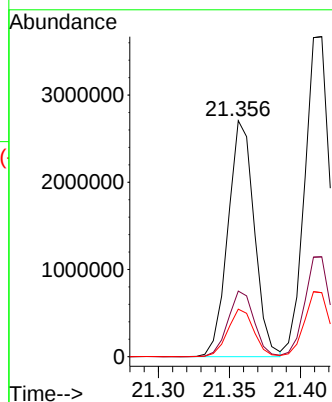
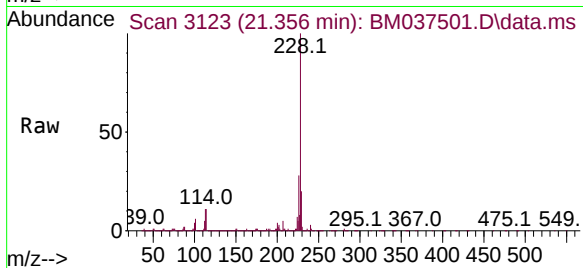
Tgt Ion:228 Resp: 3489213

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

229 20.1 16.2 24.2



#83

Chrysene

Concen: 51.087 ng

RT: 21.415 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BM037501.D

Acq: 14 Nov 2022 12:17

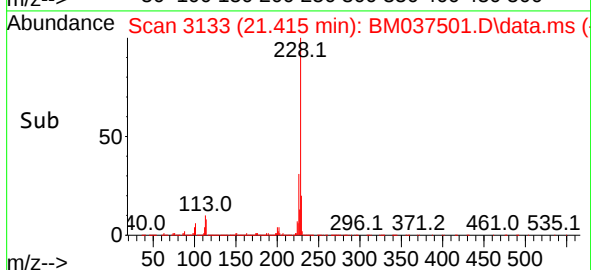
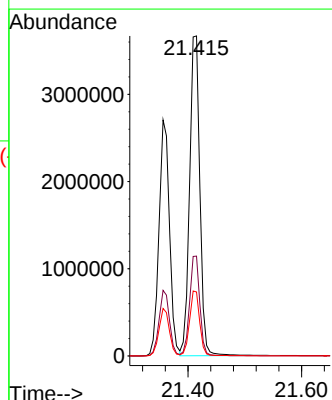
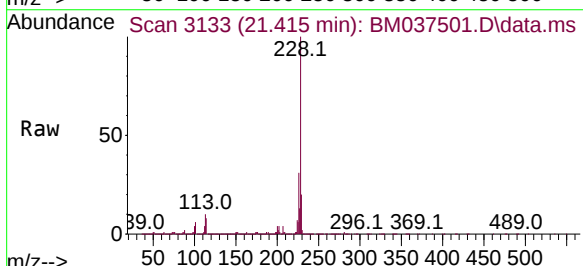
Tgt Ion:228 Resp: 4595233

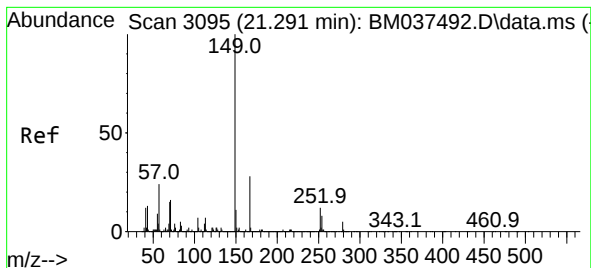
Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

229 20.0 16.2 24.2

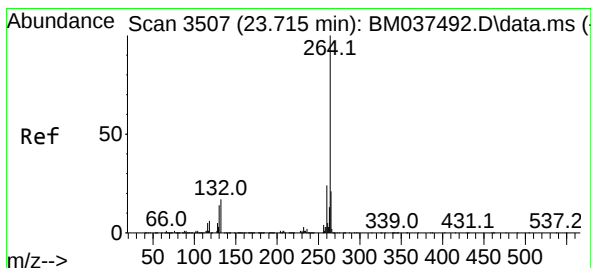
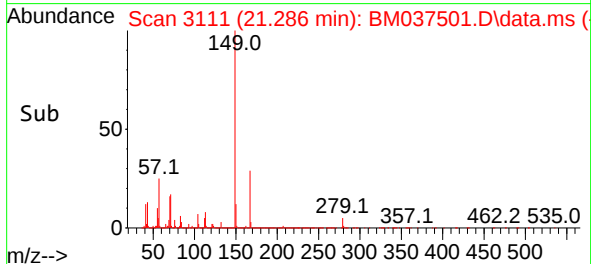
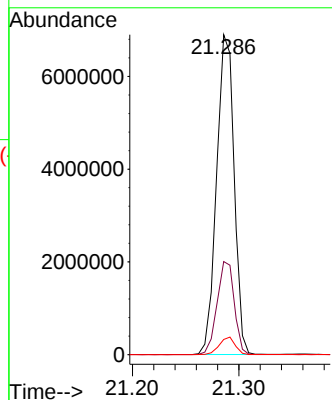
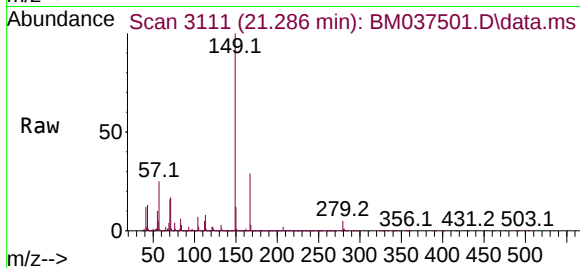




#84
Bis(2-ethylhexyl)phthalate
Concen: 143.407 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

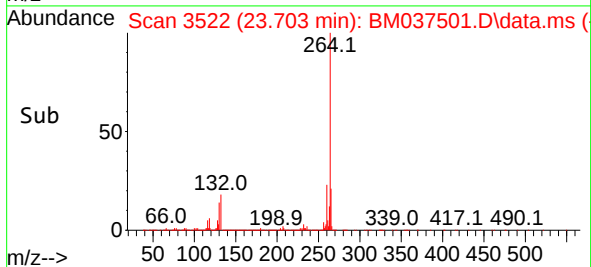
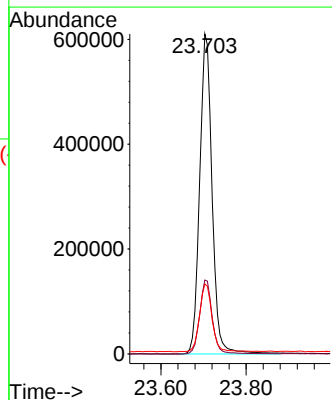
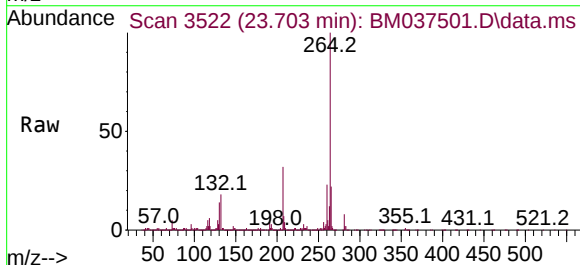
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

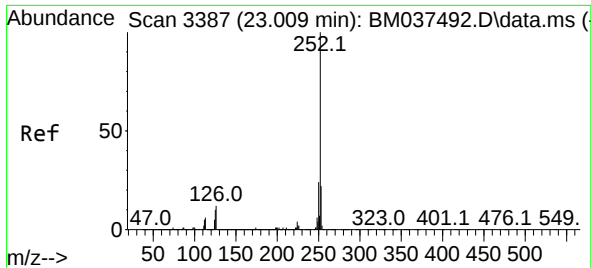
Tgt Ion:149 Resp: 7917159
Ion Ratio Lower Upper
149 100
167 29.1 22.3 33.5
279 4.7 3.8 5.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.703 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BM037501.D
Acq: 14 Nov 2022 12:17

Tgt Ion:264 Resp: 1231994
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.9 17.5 26.3





#88
 Benzo(b)fluoranthene
 Concen: 58.059 ng
 RT: 23.003 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM037501.D
 Acq: 14 Nov 2022 12:17

Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion:252 Resp: 4796147
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 9.6 7.8 11.6

