

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
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
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
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
43) 2,4,6-Trichlorophenol	12.874	196	213840	16.831	ng	99
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
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
67) 4-Bromophenyl-phenylether	16.380	248	202374	13.937	ng	98
71) Phenanthrene	17.227	178	973469	12.224	ng	99
74) Di-n-butylphthalate	18.156	149	1582572	16.653	ng	99
75) Fluoranthene	19.245	202	1193238	12.570	ng	99
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

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

Instrument :

BNA_M

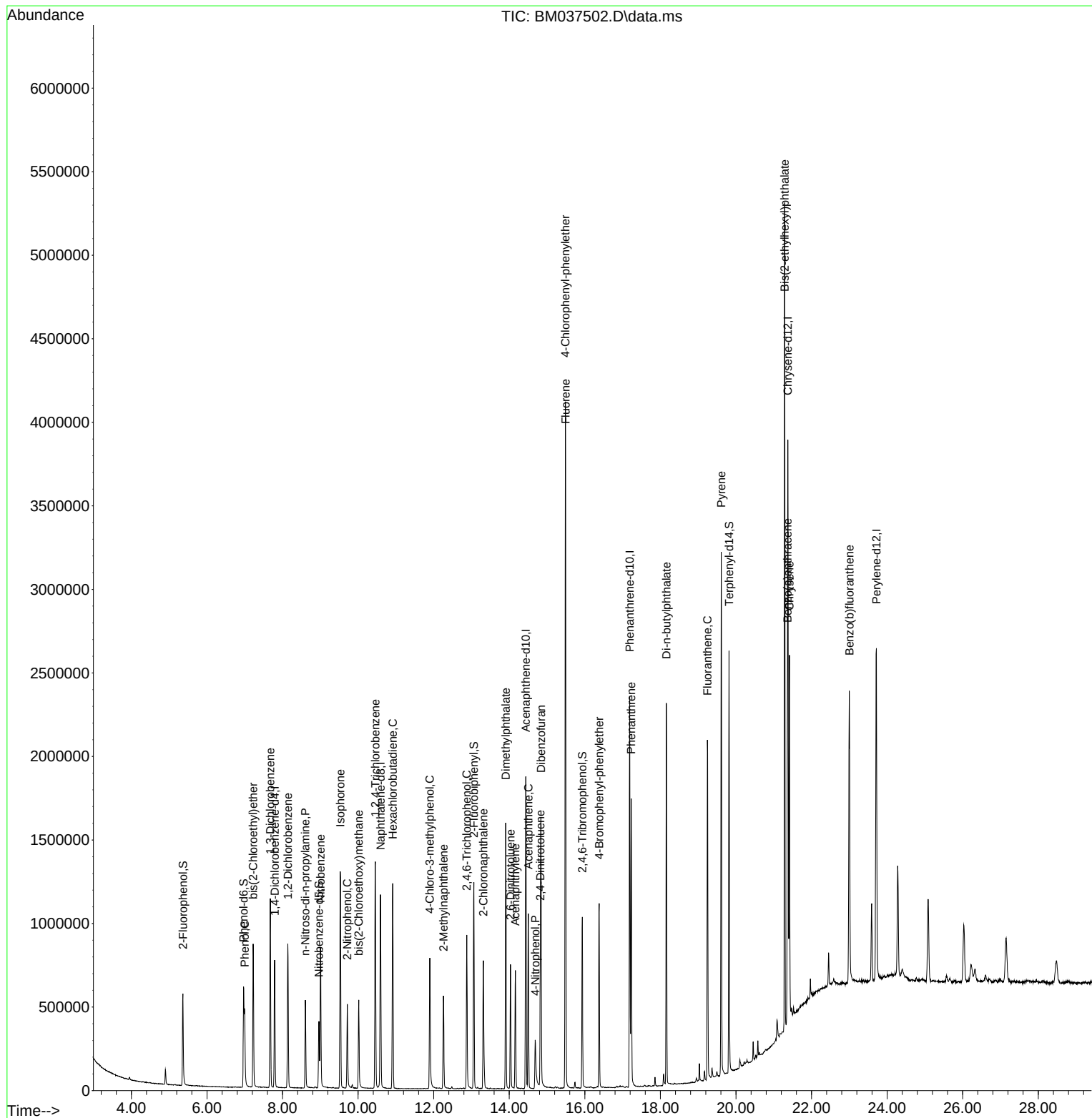
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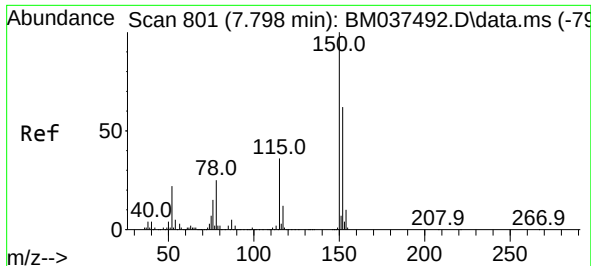
PT-BNA-SOILD

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QLast Update : Mon Nov 14 01:42:00 2022
Response via : Initial Calibration

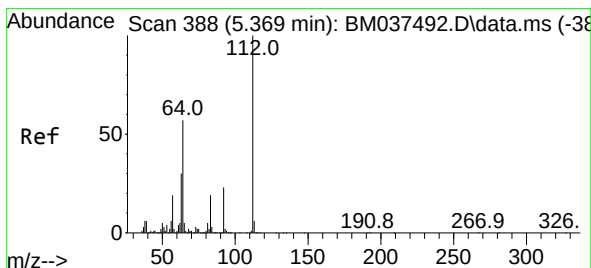
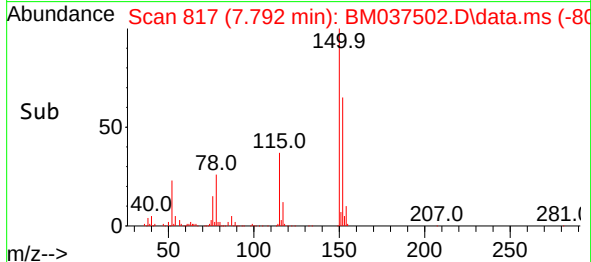
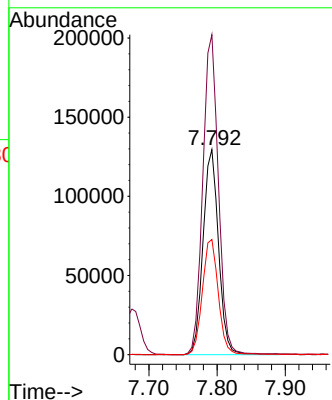
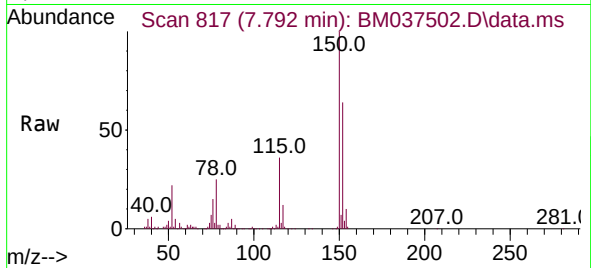




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan# 817
 Delta R.T. -0.006 min
 Lab File: BM037502.D
 Acq: 14 Nov 2022 14:08

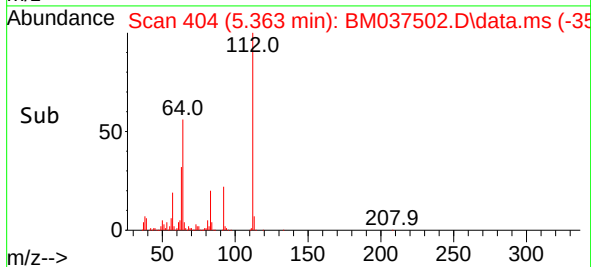
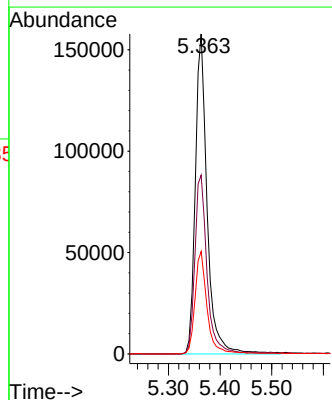
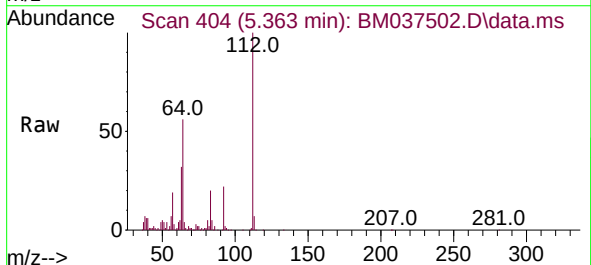
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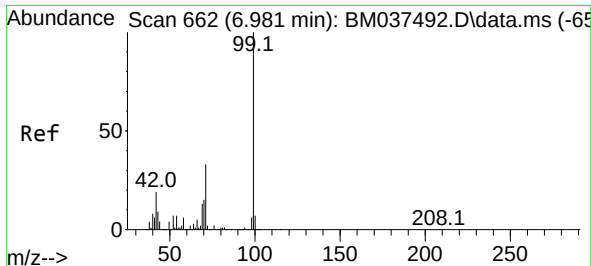
Tgt Ion:152 Resp: 204700
 Ion Ratio Lower Upper
 152 100
 150 156.0 129.8 194.6
 115 56.1 46.6 69.8



#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

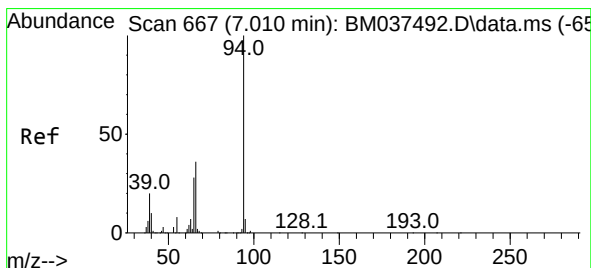
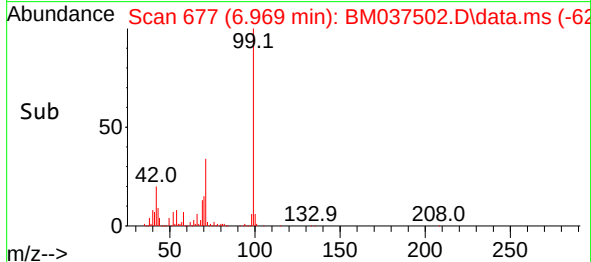
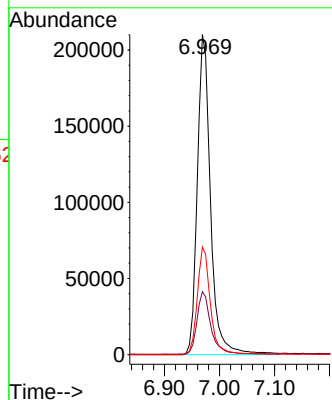
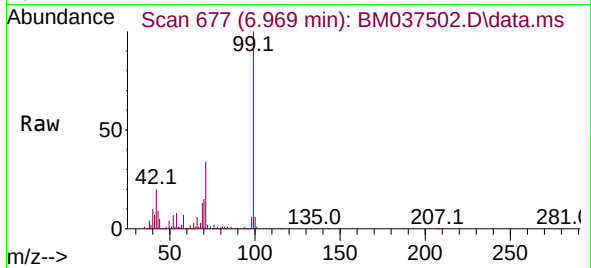




#7
Phenol-d6
Concen: 22.498 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

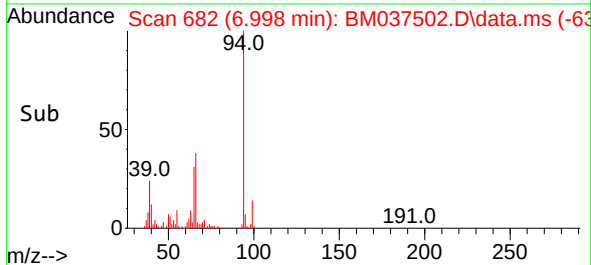
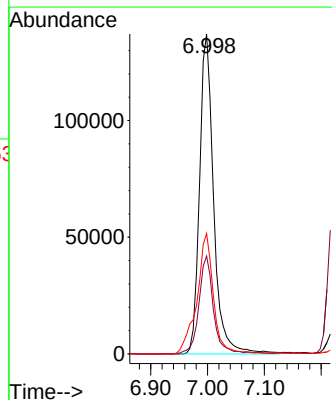
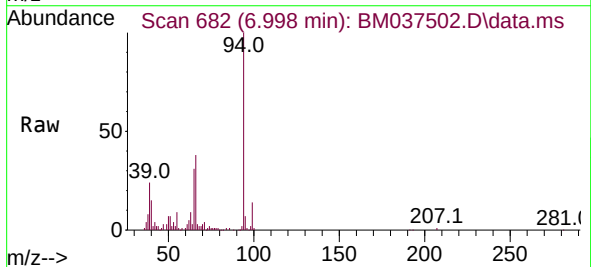
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ClientSampleId :
PT-BNA-SOILD

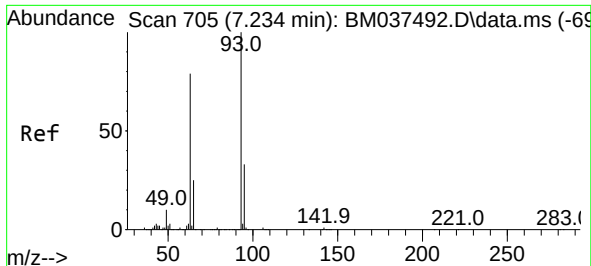
Tgt Ion: 99 Resp: 350875
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.6
71 33.6 26.2 39.2



#10
Phenol
Concen: 13.275 ng
RT: 6.998 min Scan# 682
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

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

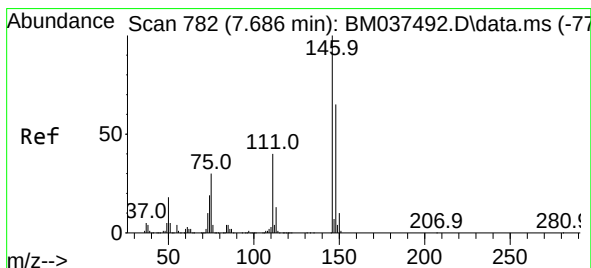
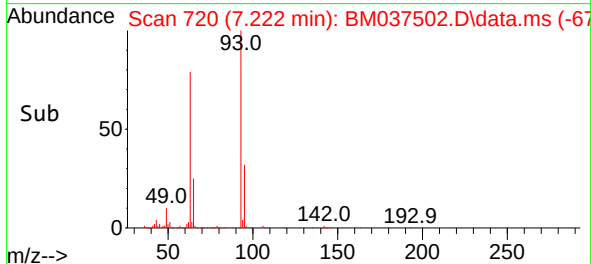
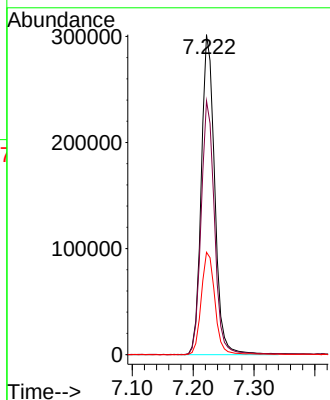
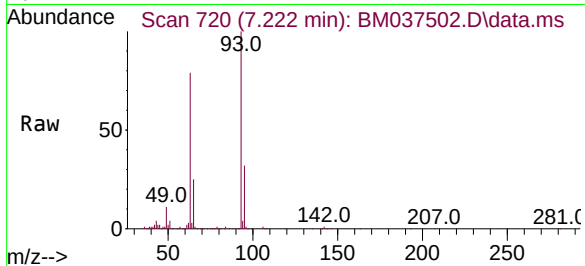




#11
bis(2-Chloroethyl)ether
Concen: 32.085 ng
RT: 7.222 min Scan# 711
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

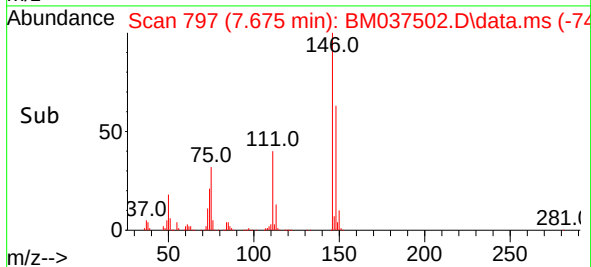
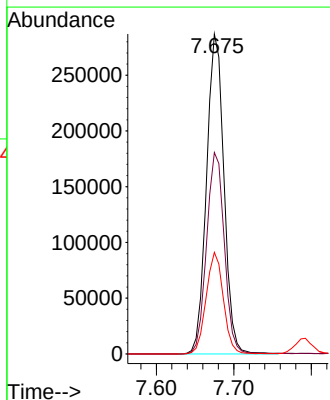
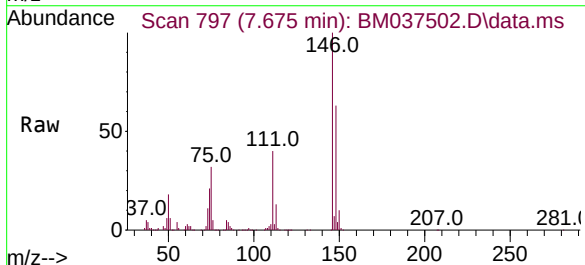
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ClientSampleId :
PT-BNA-SOILD

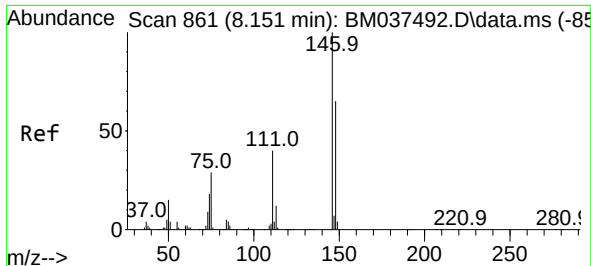
Tgt Ion: 93 Resp: 461443
Ion Ratio Lower Upper
93 100
63 79.3 58.3 98.3
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 28.619 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

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

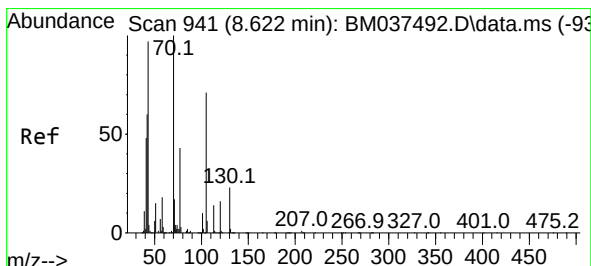
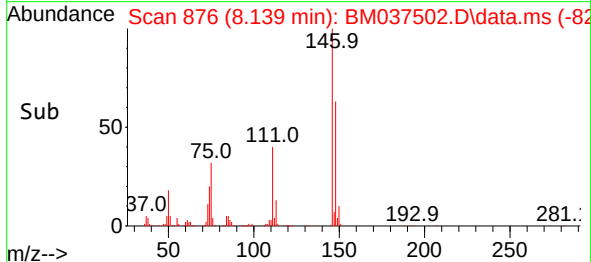
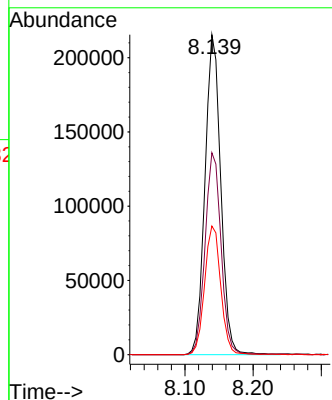
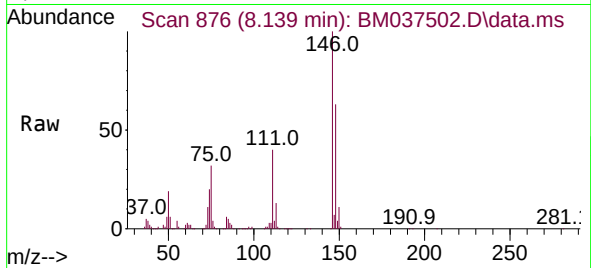




#14
1,2-Dichlorobenzene
Concen: 21.711 ng
RT: 8.139 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

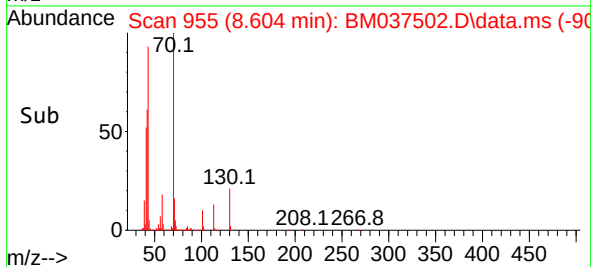
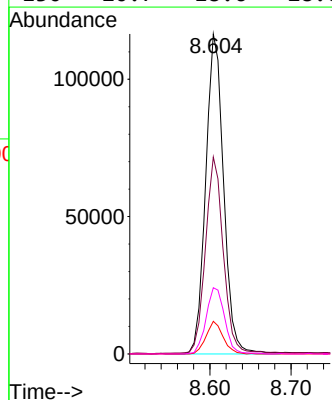
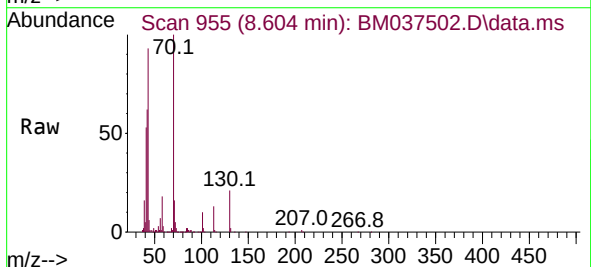
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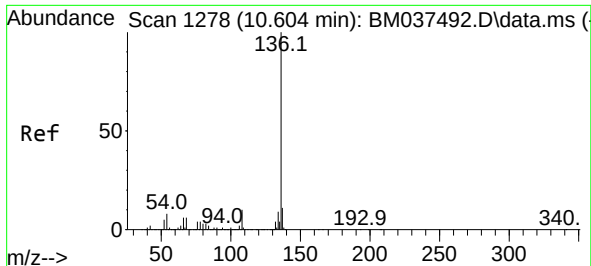
Tgt Ion:146 Resp: 346057
Ion Ratio Lower Upper
146 100
148 63.1 51.7 77.5
111 40.2 31.9 47.9



#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

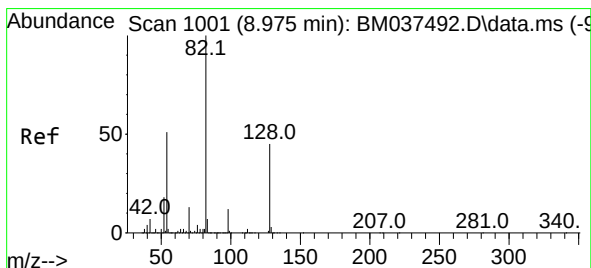
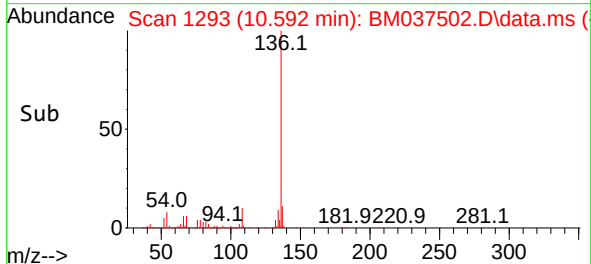
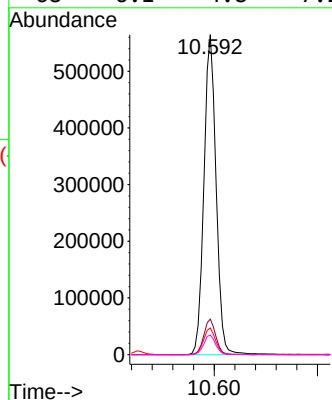
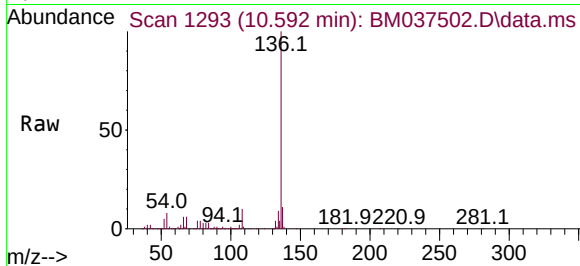




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

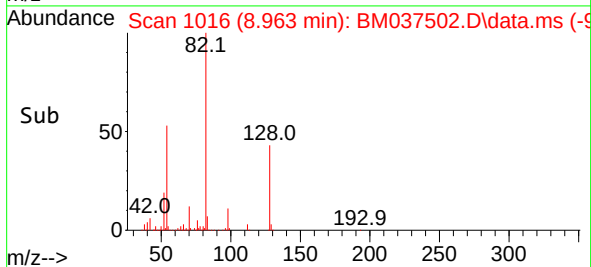
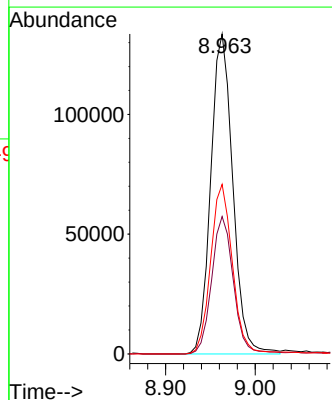
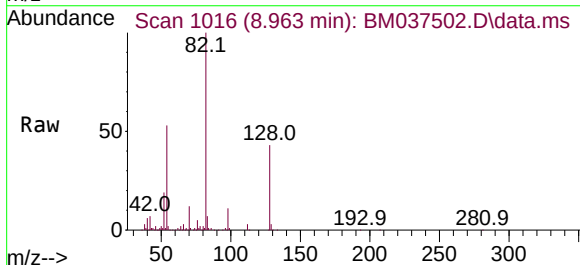
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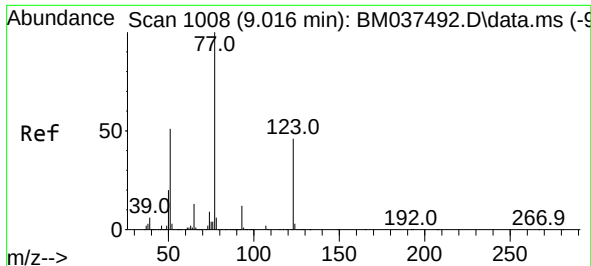
Tgt Ion:136 Resp: 920224
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.3 6.3 9.5
68 6.1 4.8 7.2



#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

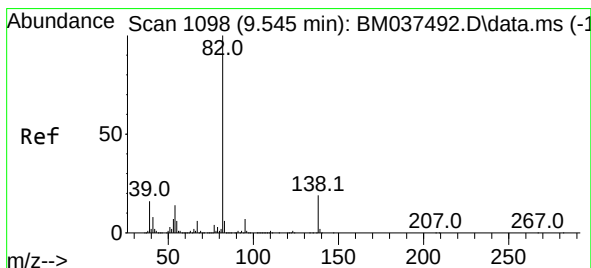
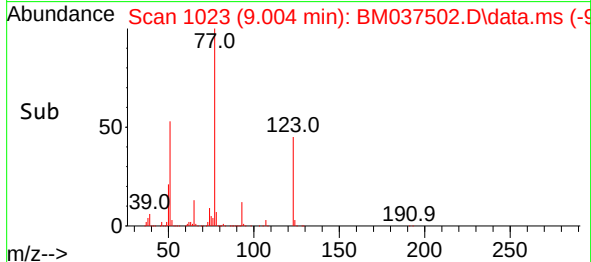
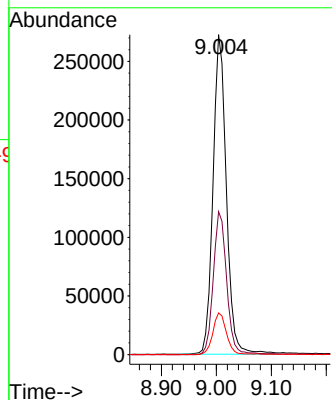
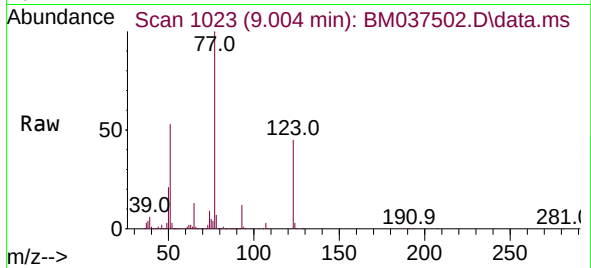




#24
Nitrobenzene
Concen: 25.155 ng
RT: 9.004 min Scan# 110
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

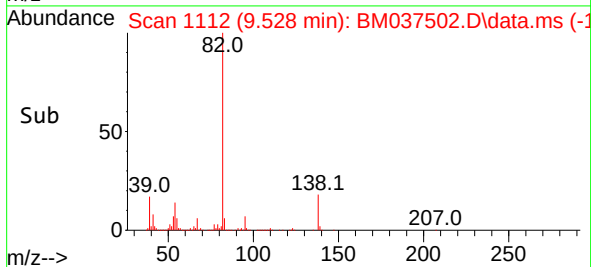
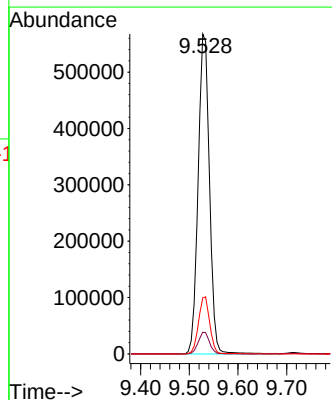
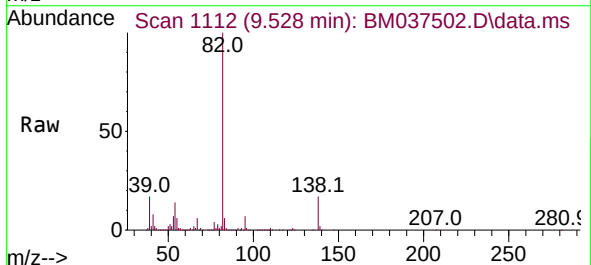
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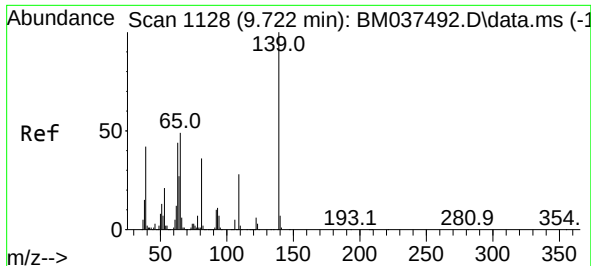
Tgt Ion: 77 Resp: 459482
Ion Ratio Lower Upper
77 100
123 44.7 36.7 55.1
65 13.0 10.7 16.1



#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
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95 6.8 5.4 8.2
138 17.5 14.9 22.3

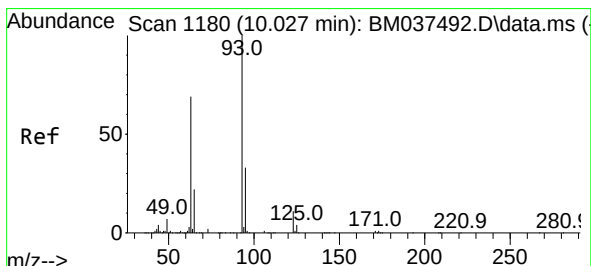
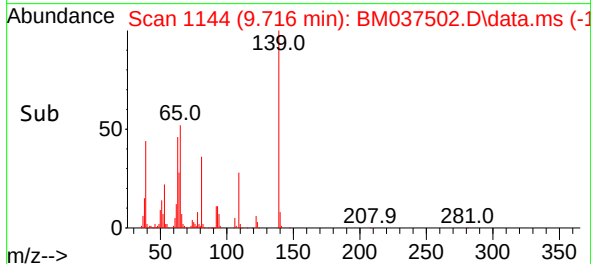
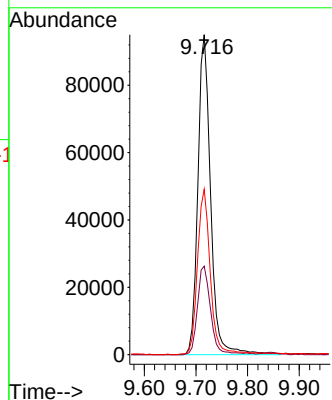
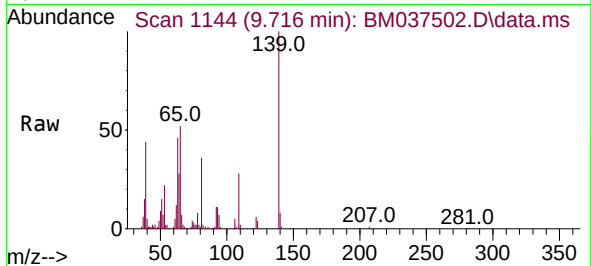




#26
2-Nitrophenol
Concen: 19.063 ng
RT: 9.716 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

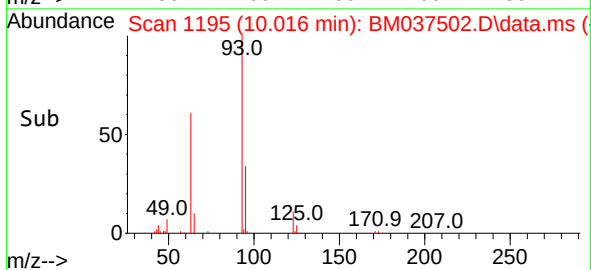
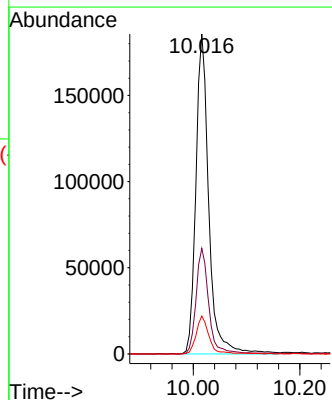
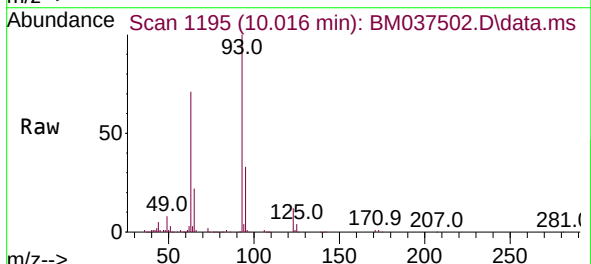
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

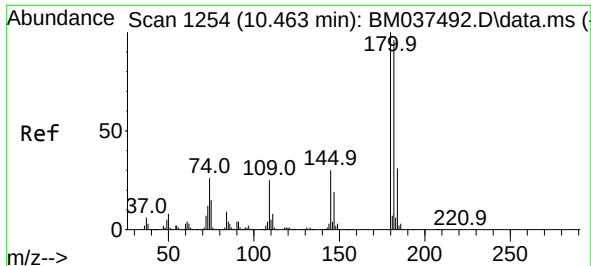
Tgt Ion:139 Resp: 162418
Ion Ratio Lower Upper
139 100
109 27.6 22.8 34.2
65 51.7 39.4 59.2



#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# 1348

Delta R.T. -0.006 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILD

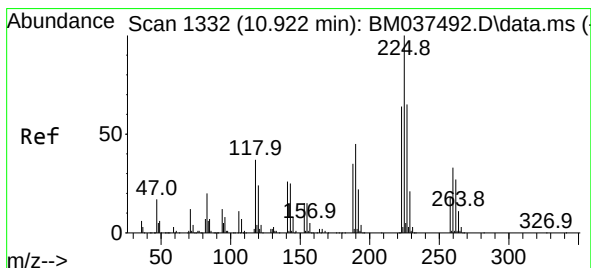
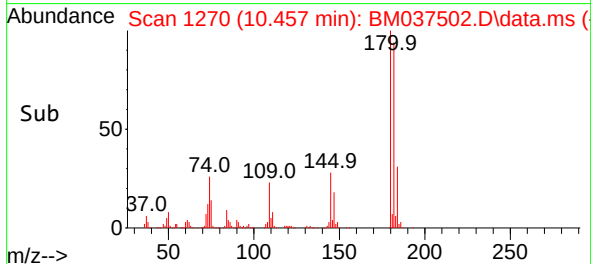
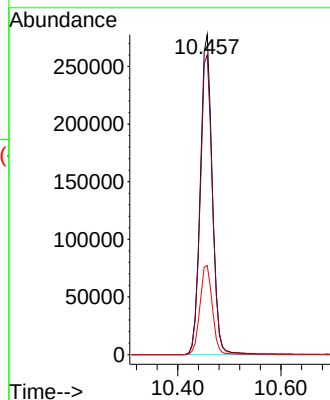
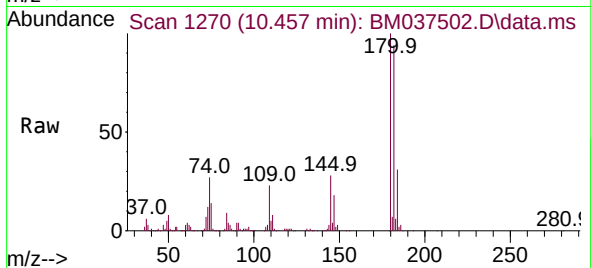
Tgt Ion:180 Resp: 445324

Ion Ratio Lower Upper

180 100

182 93.7 77.0 115.4

145 27.8 23.9 35.9



#34

Hexachlorobutadiene

Concen: 25.333 ng

RT: 10.916 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

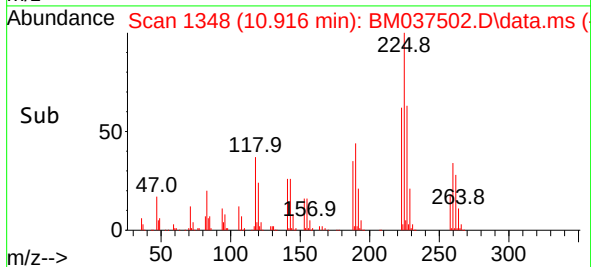
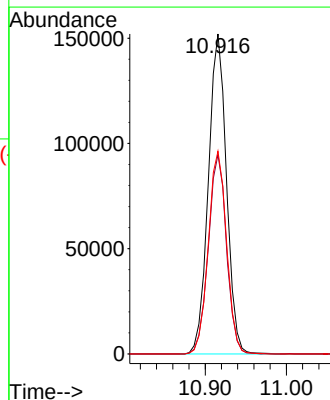
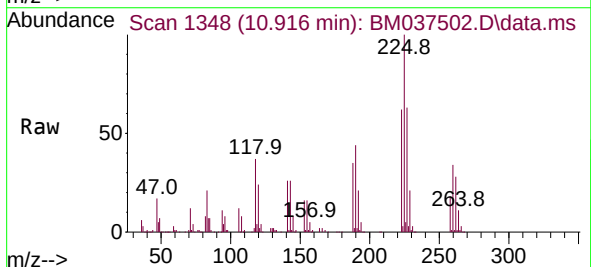
Tgt Ion:225 Resp: 235918

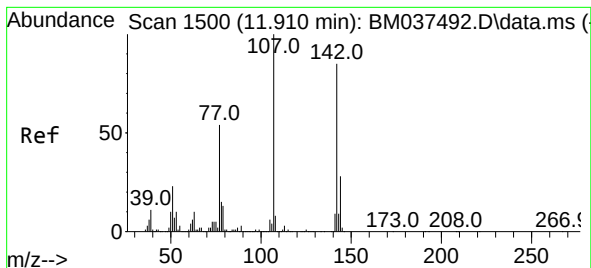
Ion Ratio Lower Upper

225 100

223 62.2 51.4 77.2

227 63.3 52.0 78.0

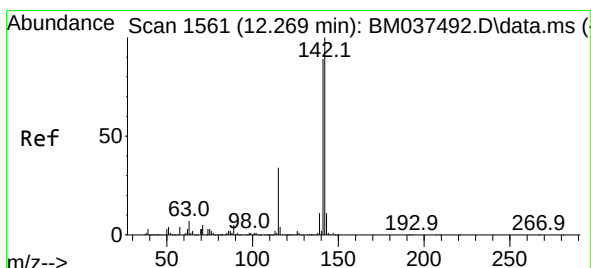
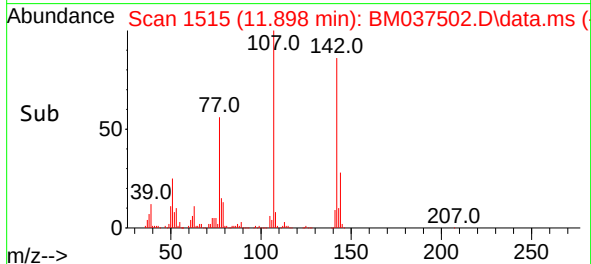
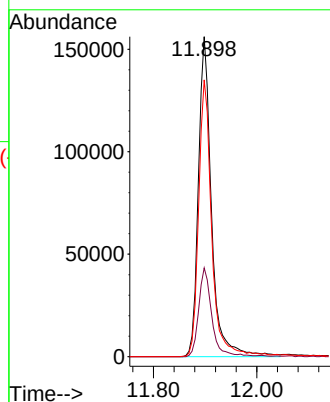
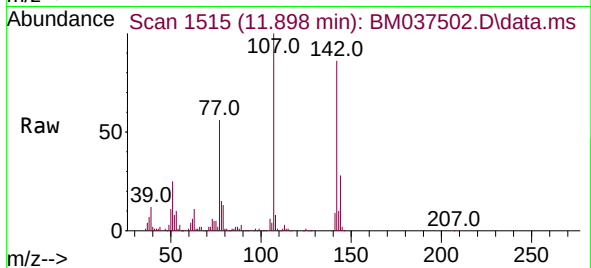




#36
 4-Chloro-3-methylphenol
 Concen: 17.283 ng
 RT: 11.898 min Scan# 1515
 Delta R.T. -0.012 min
 Lab File: BM037502.D
 Acq: 14 Nov 2022 14:08

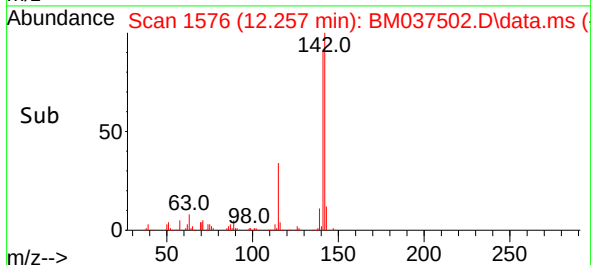
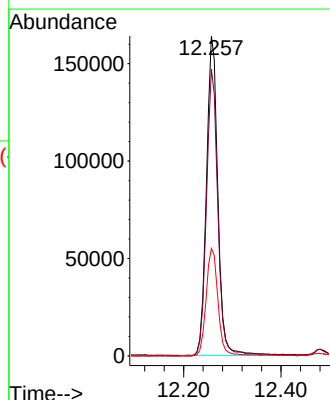
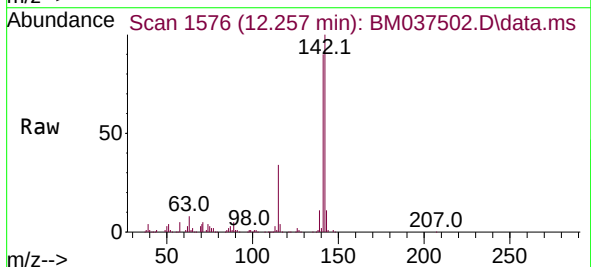
Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOILD

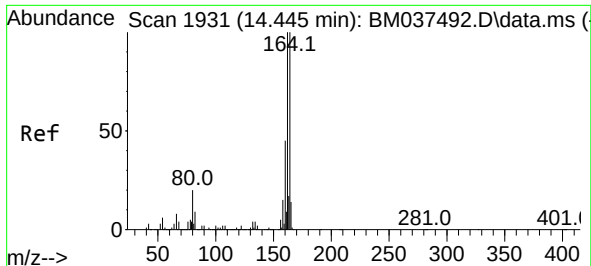
Tgt Ion:107 Resp: 276121
 Ion Ratio Lower Upper
 107 100
 144 27.7 22.1 33.1
 142 86.5 68.2 102.4



#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

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

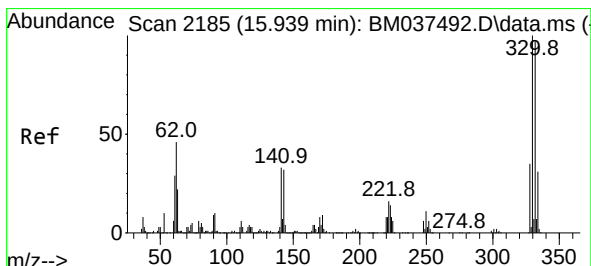
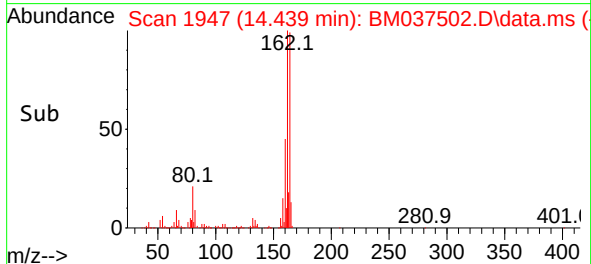
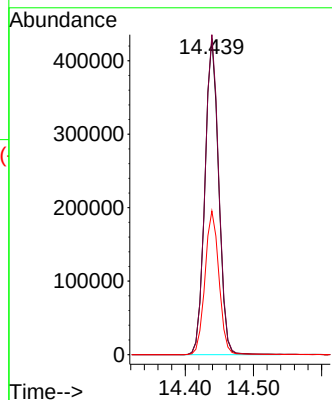
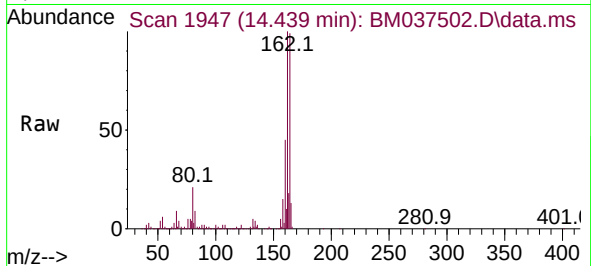




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

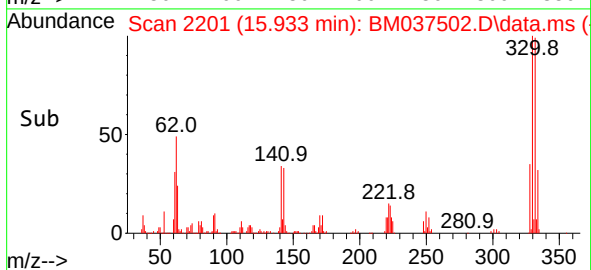
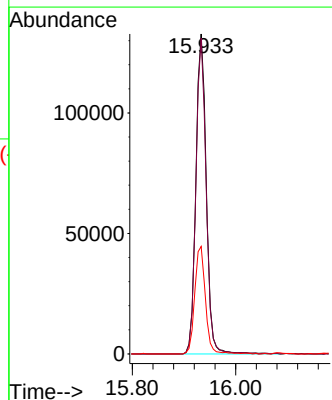
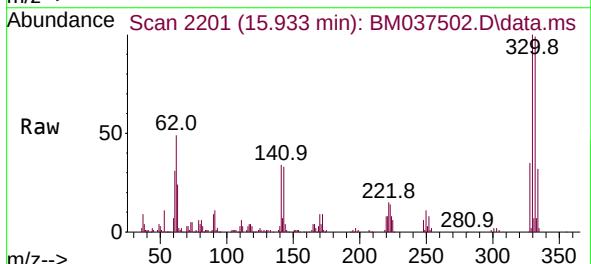
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

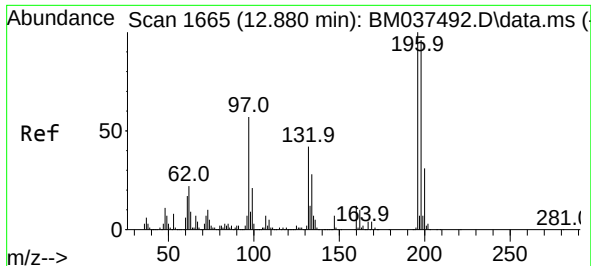
Tgt Ion:164 Resp: 603073
Ion Ratio Lower Upper
164 100
162 101.2 79.9 119.9
160 45.4 35.7 53.5



#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

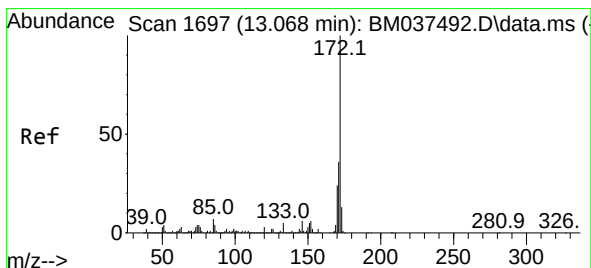
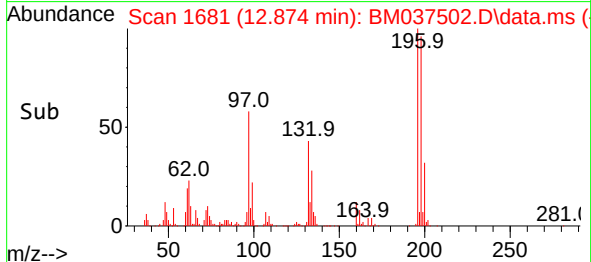
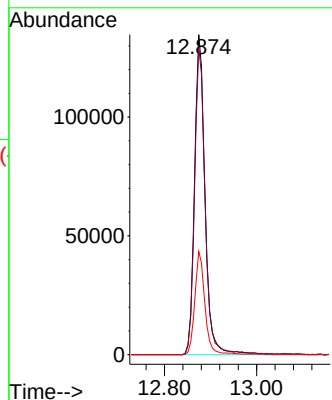
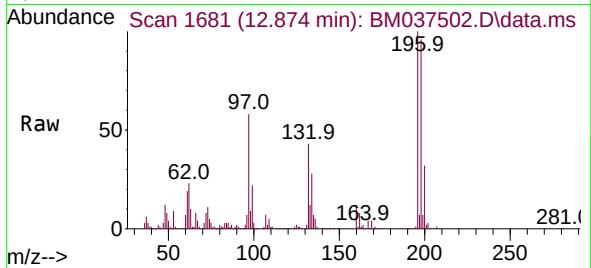




#43
2,4,6-Trichlorophenol
Concen: 16.831 ng
RT: 12.874 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

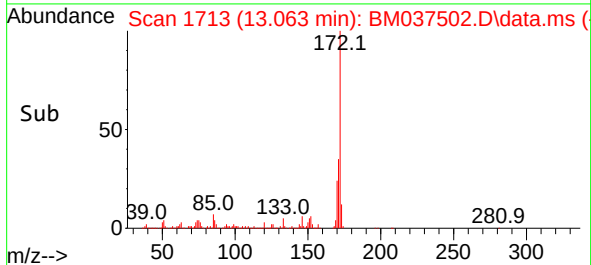
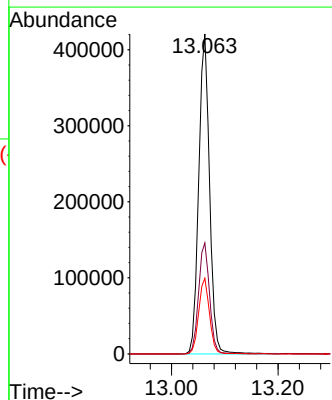
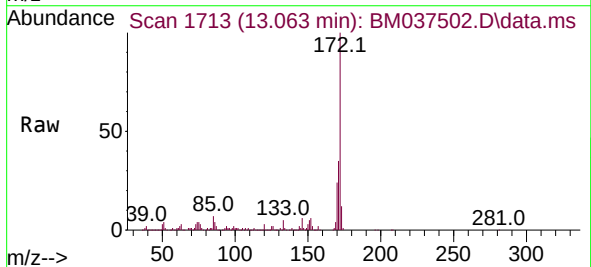
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

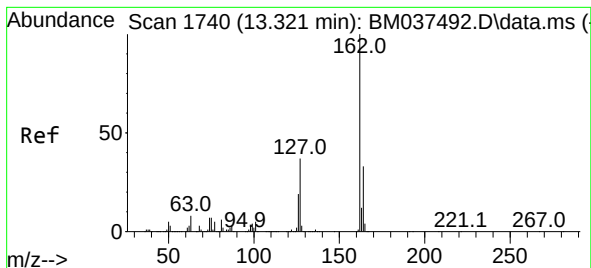
Tgt Ion:196 Resp: 213840
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.6
200 32.2 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 13.642 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.005 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

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

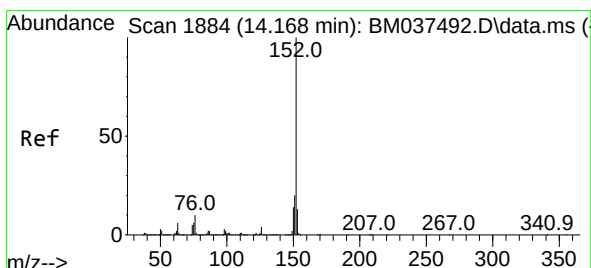
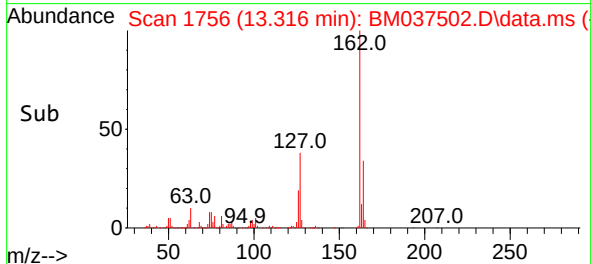
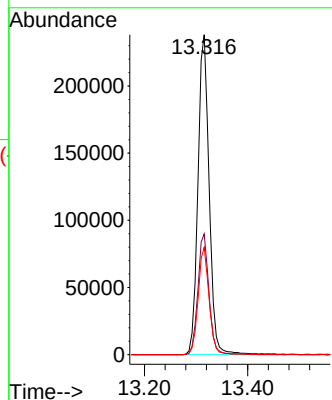
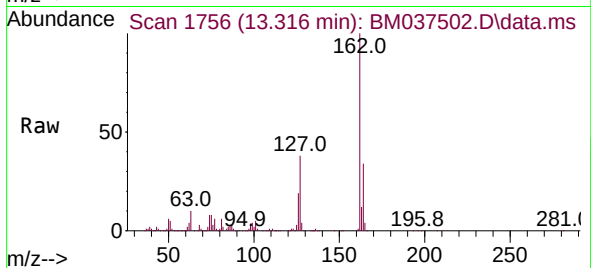




#47
2-Chloronaphthalene
Concen: 9.525 ng
RT: 13.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

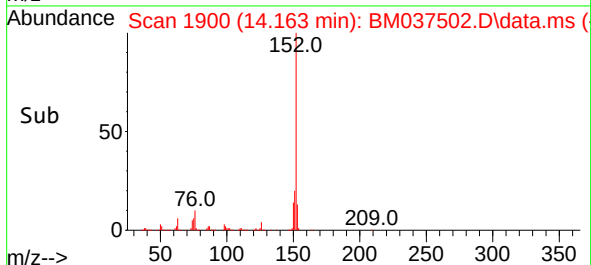
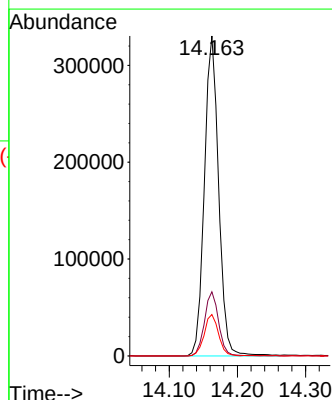
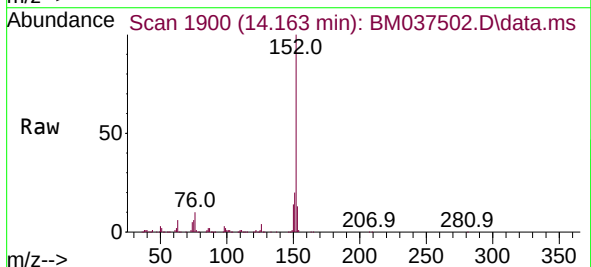
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BNA_M
ClientSampleId :
PT-BNA-SOILD

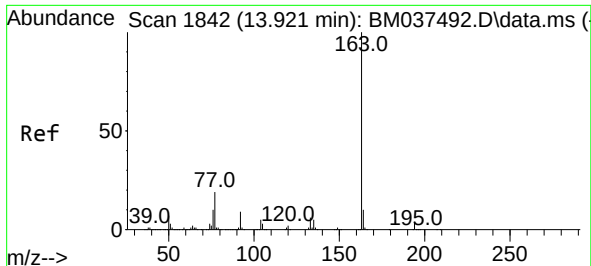
Tgt Ion:162 Resp: 357745
Ion Ratio Lower Upper
162 100
127 37.7 29.8 44.8
164 33.5 26.3 39.5



#49
Acenaphthylene
Concen: 7.987 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

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

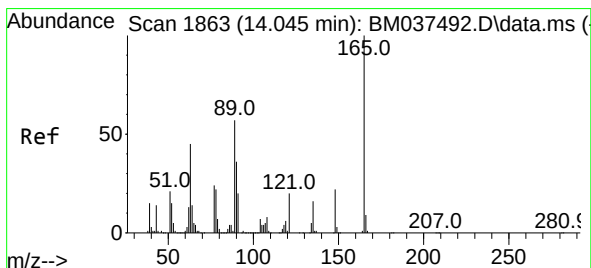
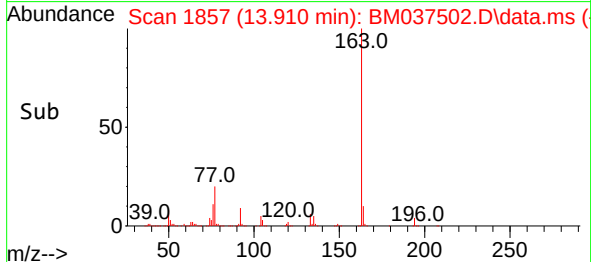
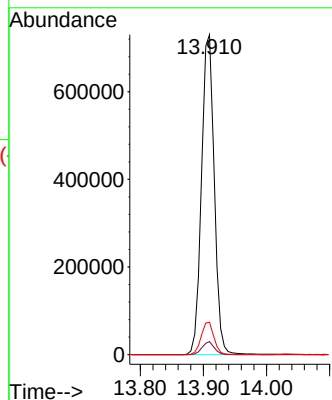
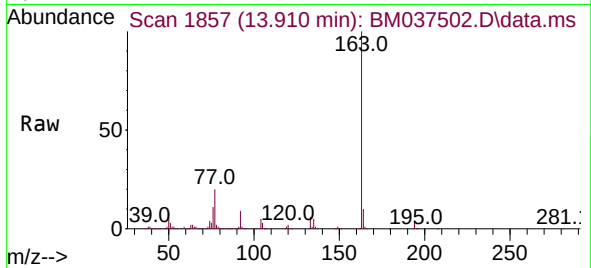




#50
Dimethylphthalate
Concen: 21.252 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.011 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

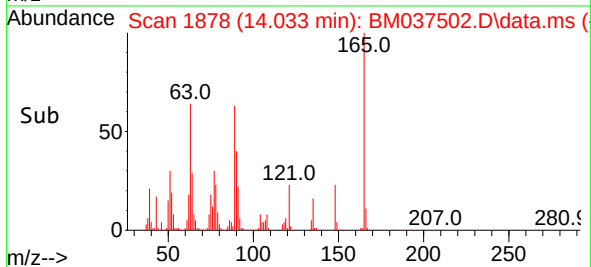
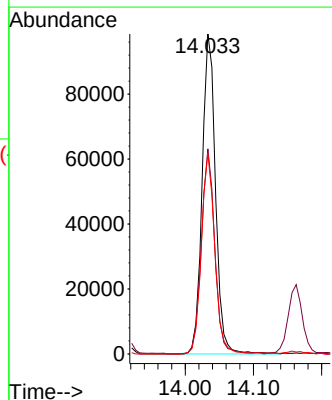
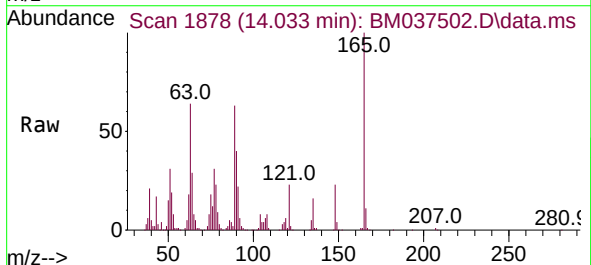
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

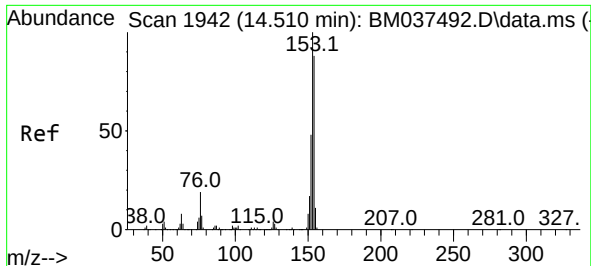
Tgt Ion:163 Resp: 1025831
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 12.944 ng
RT: 14.033 min Scan# 1878
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

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

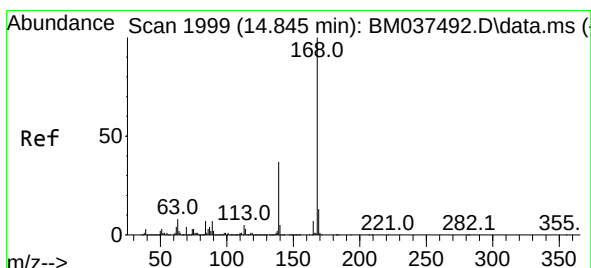
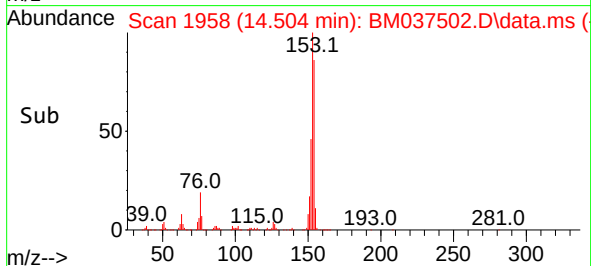
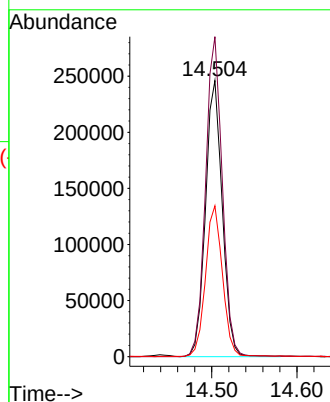
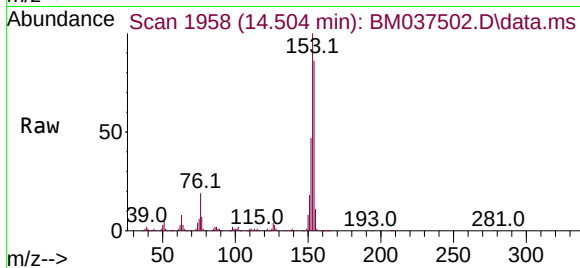




#52
Acenaphthene
Concen: 9.170 ng
RT: 14.504 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

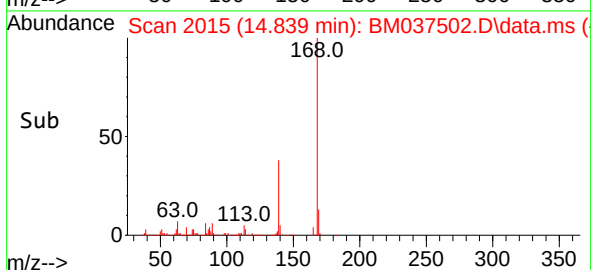
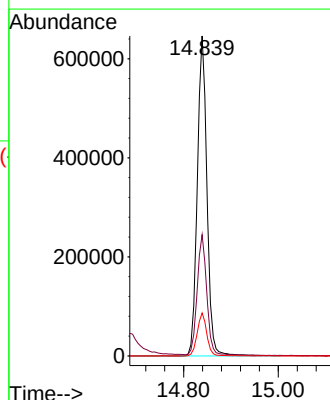
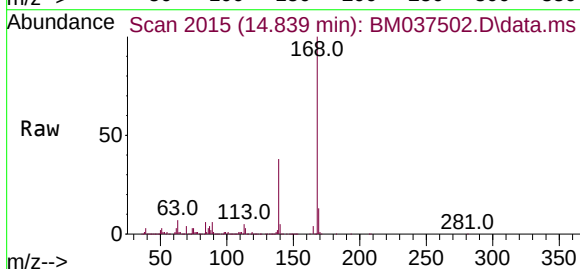
Instrument :
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ClientSampleId :
PT-BNA-SOILD

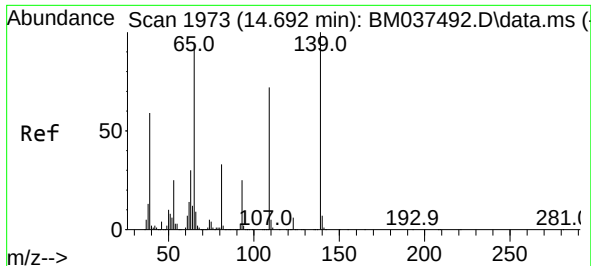
Tgt Ion:154 Resp: 336702
Ion Ratio Lower Upper
154 100
153 115.9 90.8 136.2
152 54.6 43.3 64.9



#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

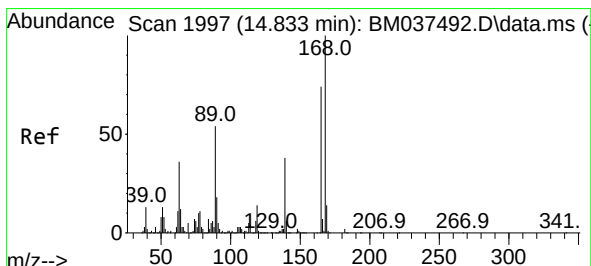
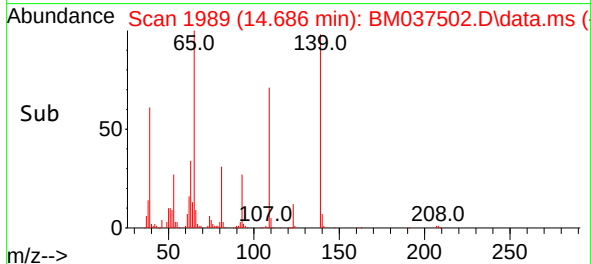
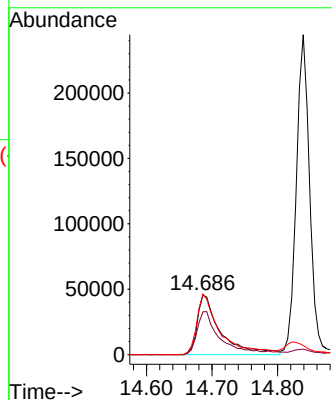
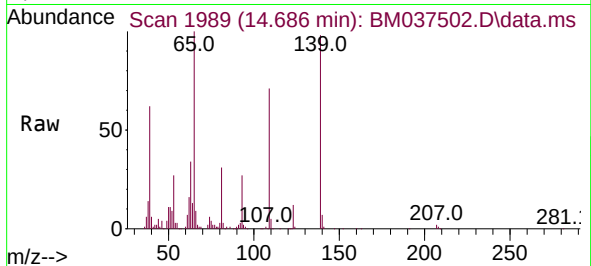




#56
4-Nitrophenol
Concen: 15.341 ng
RT: 14.686 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

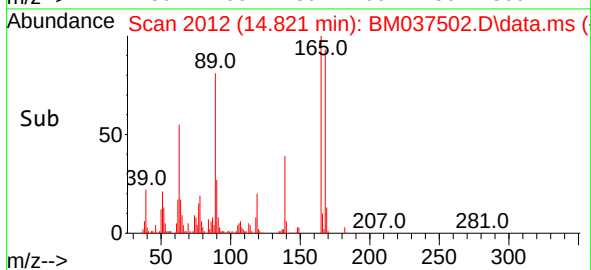
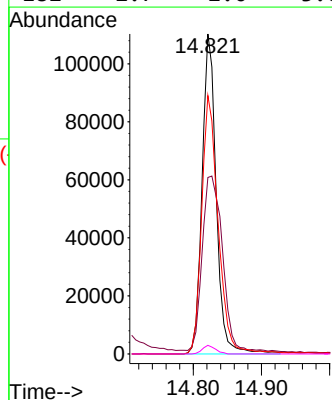
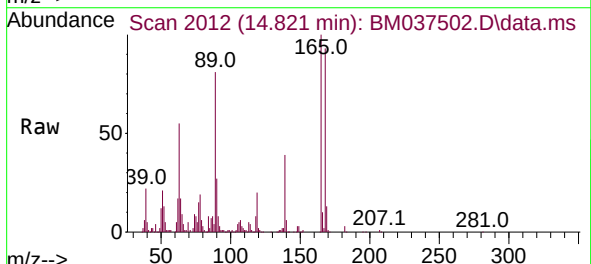
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

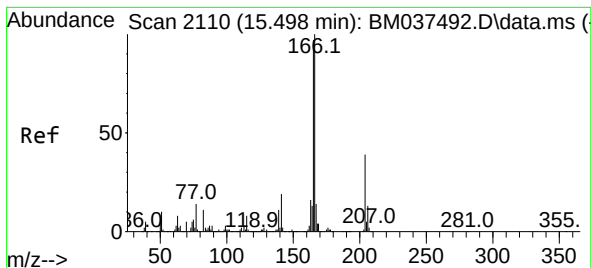
Tgt Ion:139 Resp: 111848
Ion Ratio Lower Upper
139 100
109 72.0 52.1 92.1
65 101.8 74.4 114.4



#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

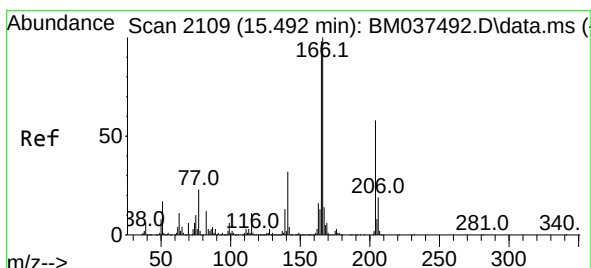
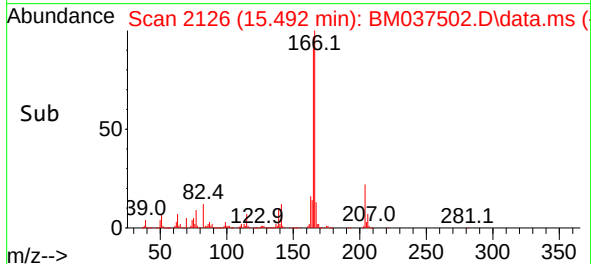
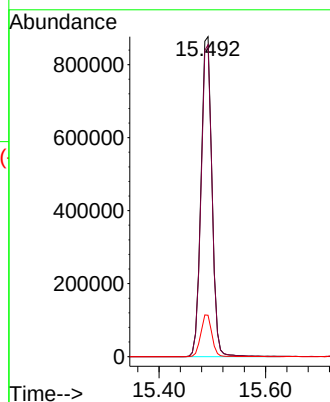
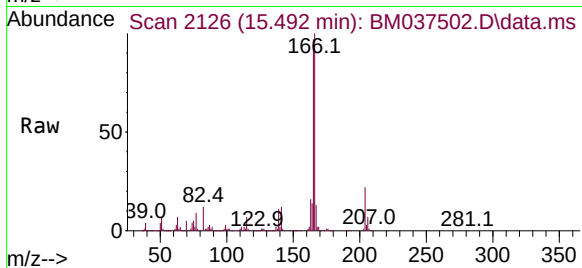
Tgt Ion:166 Resp: 1244657

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

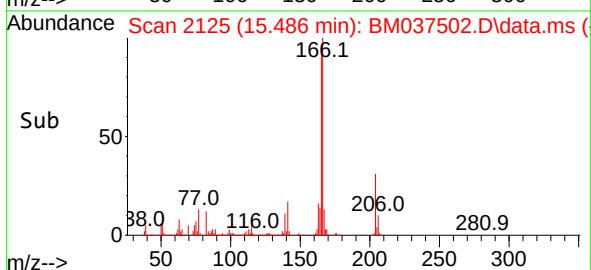
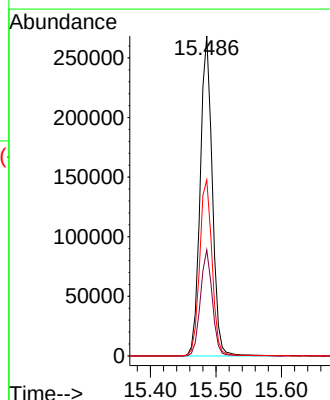
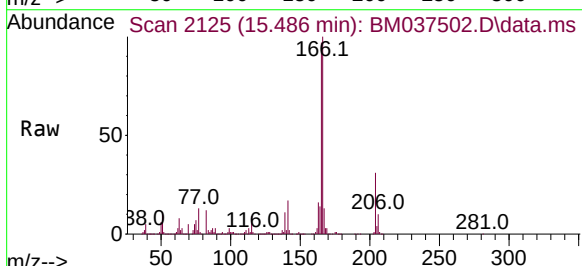
Tgt Ion:204 Resp: 341343

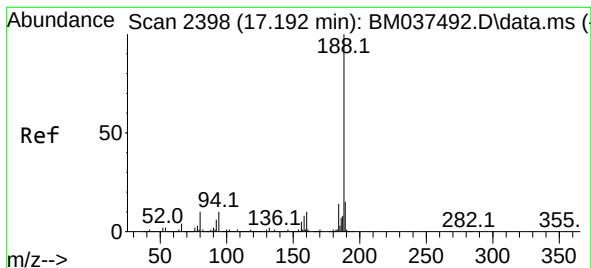
Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.8

141 55.0 43.6 65.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILD

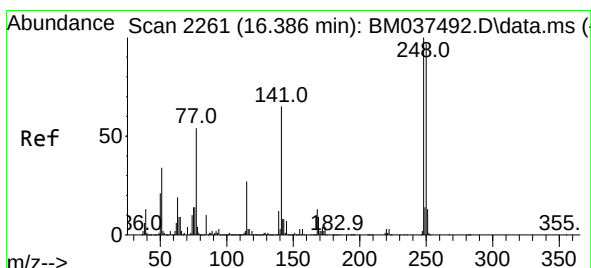
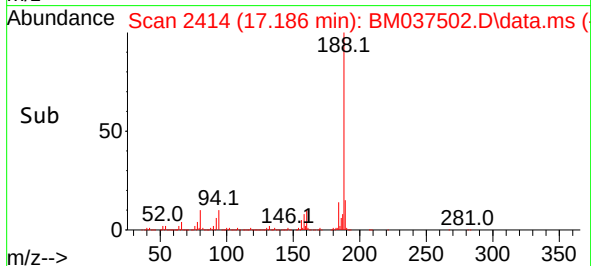
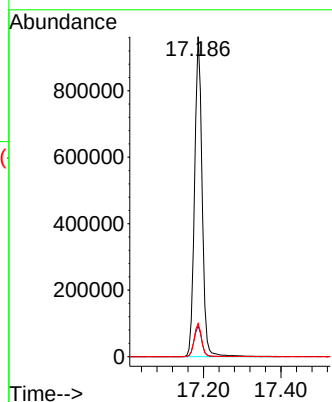
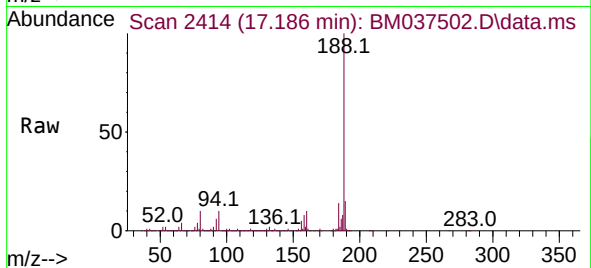
Tgt Ion:188 Resp: 1297323

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# 2277

Delta R.T. -0.006 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

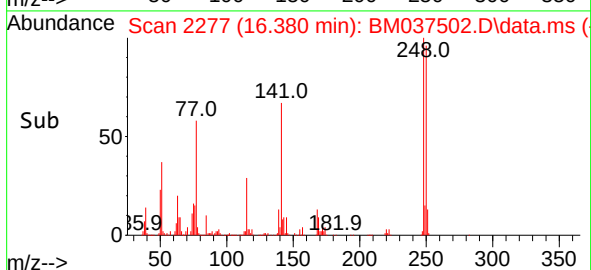
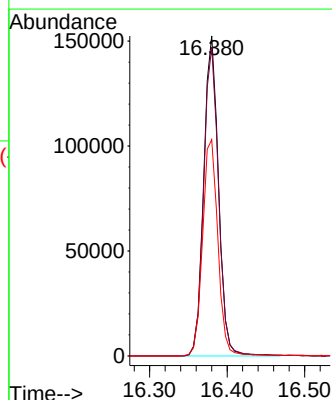
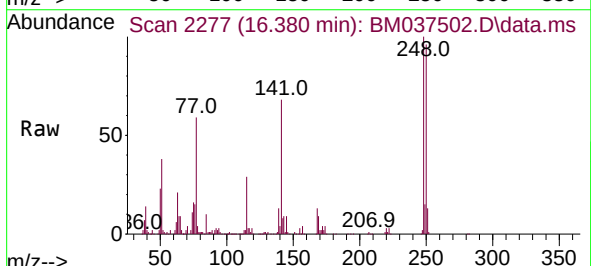
Tgt Ion:248 Resp: 202374

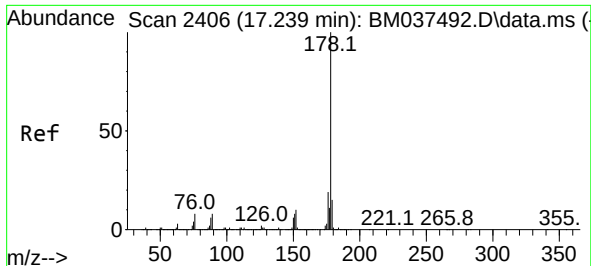
Ion Ratio Lower Upper

248 100

250 96.4 77.8 116.8

141 67.6 52.2 78.2

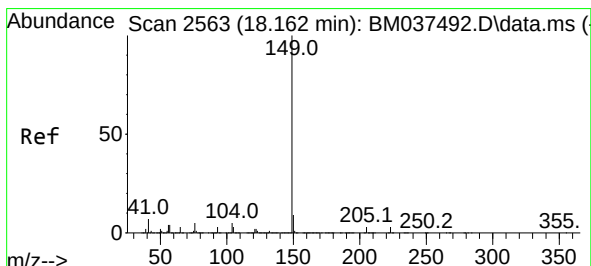
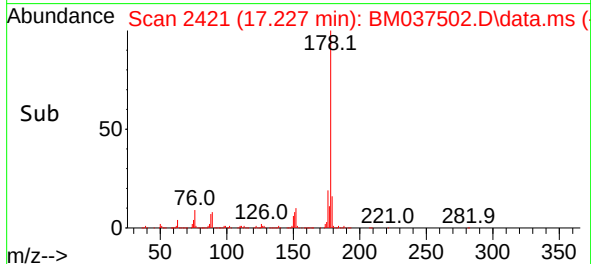
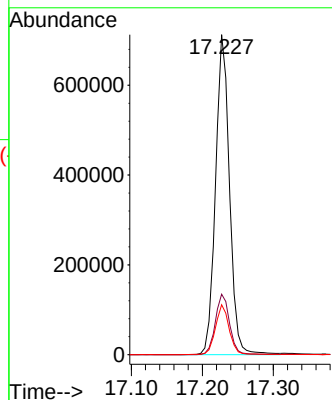
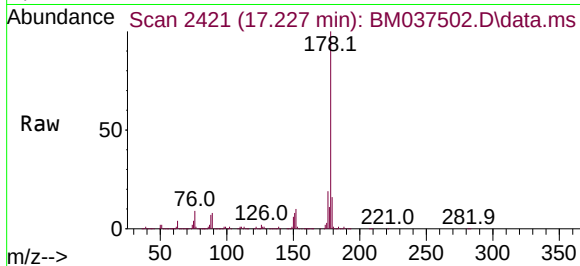




#71
Phenanthrene
Concen: 12.224 ng
RT: 17.227 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

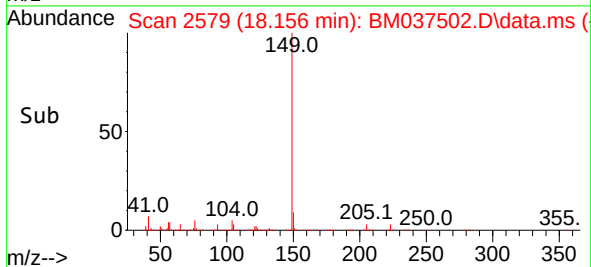
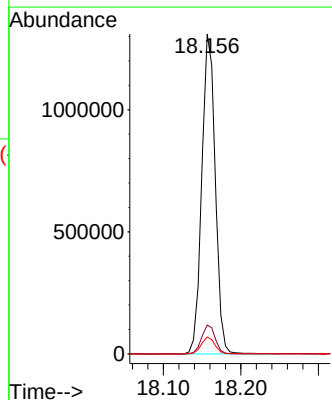
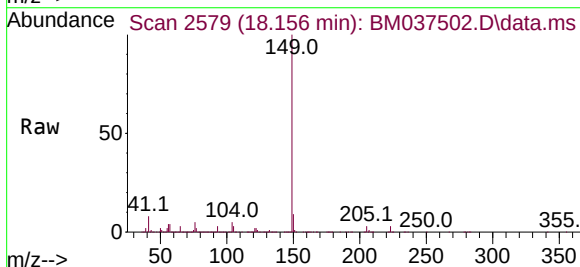
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

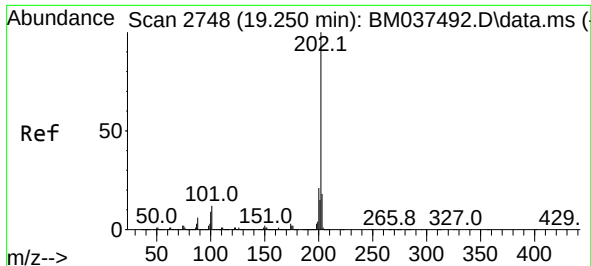
Tgt Ion:178 Resp: 973469
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.6 12.2 18.4



#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

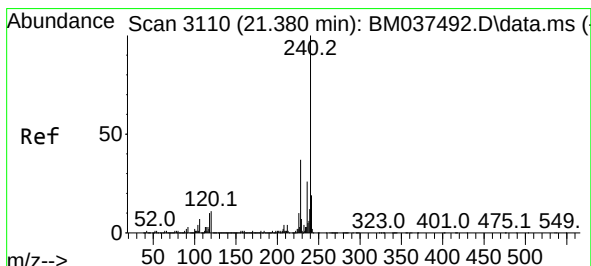
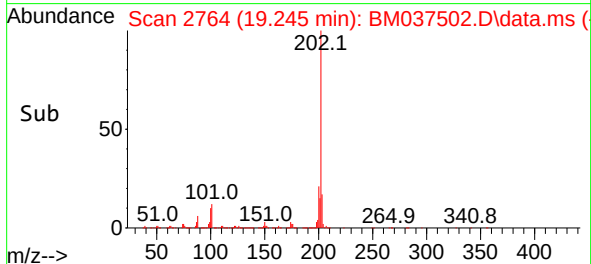
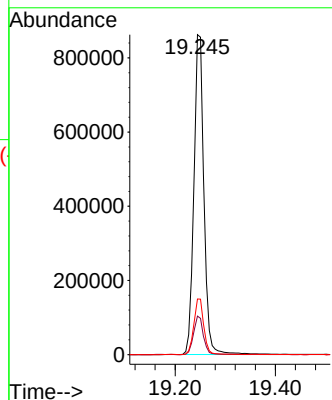
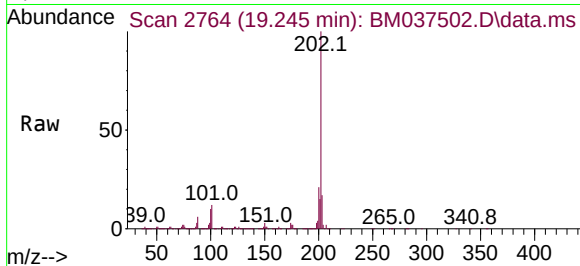




#75
Fluoranthene
Concen: 12.570 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

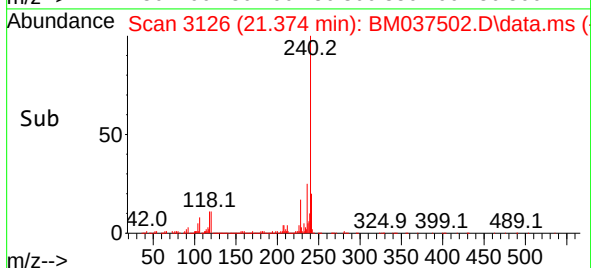
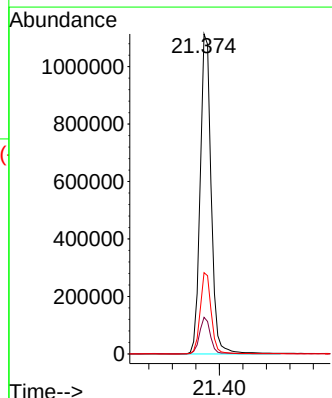
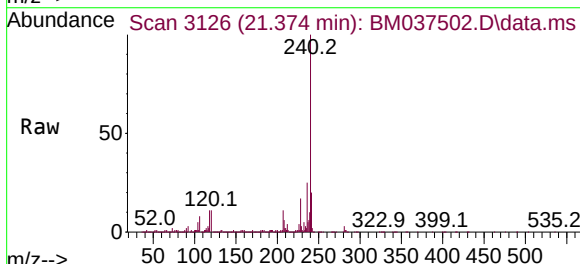
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

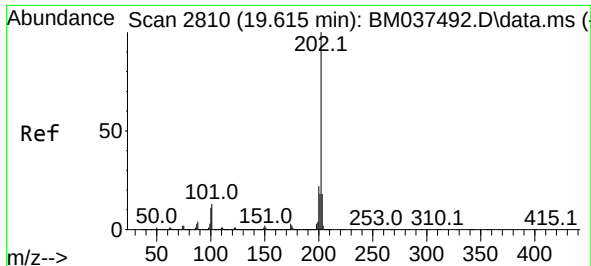
Tgt Ion:202 Resp: 1193238
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.8
203 17.4 0.0 37.7



#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

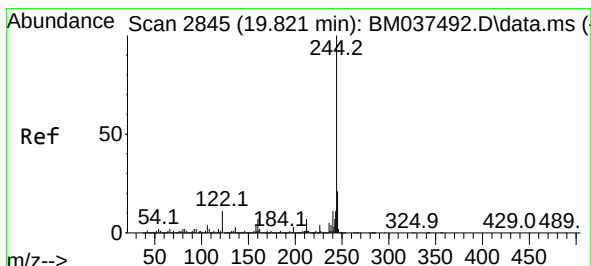
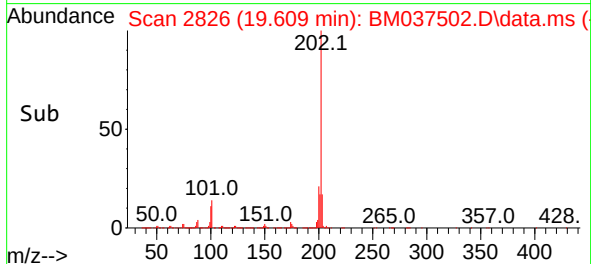
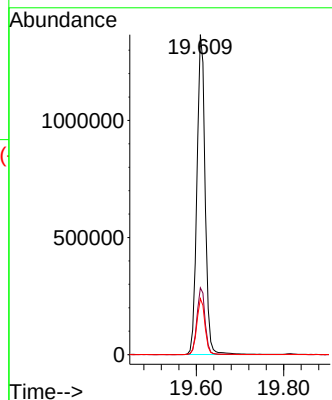
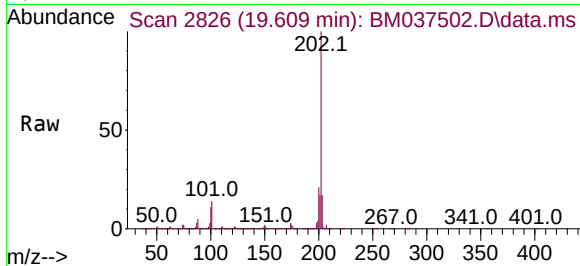




#78
Pyrene
Concen: 18.765 ng
RT: 19.609 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

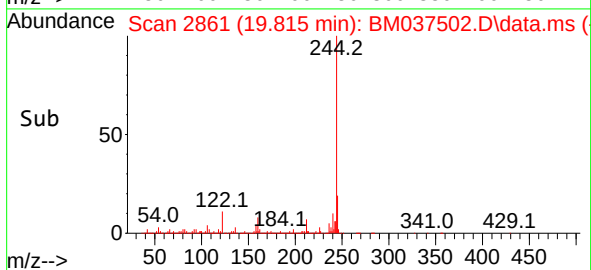
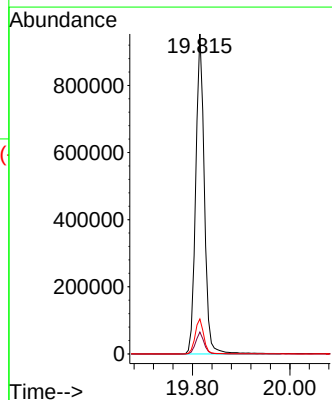
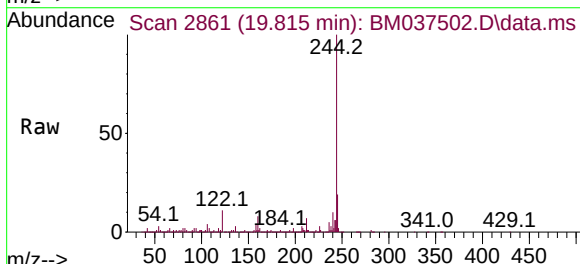
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

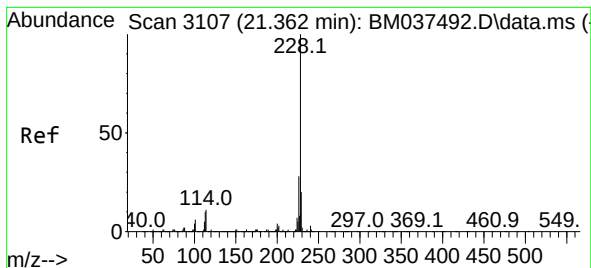
Tgt Ion:202 Resp: 1775020
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.5 14.3 21.5



#79
Terphenyl-d14
Concen: 16.109 ng
RT: 19.815 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

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# 3107

Delta R.T. 0.000 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILD

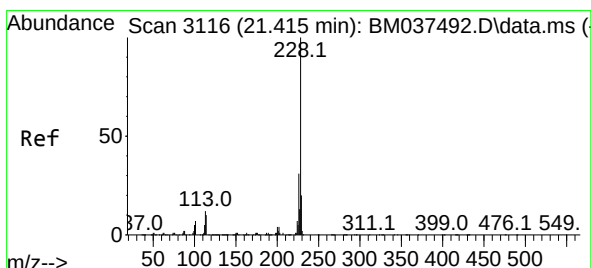
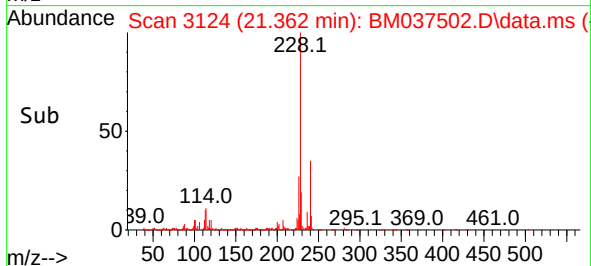
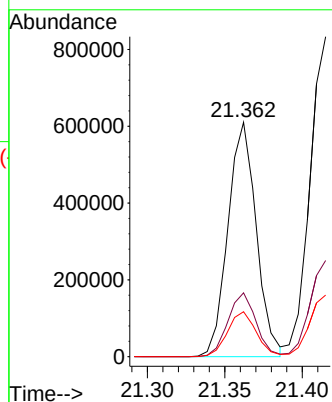
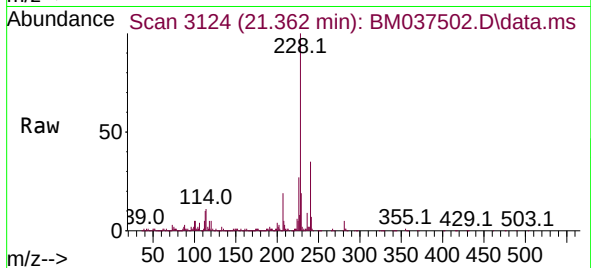
Tgt Ion:228 Resp: 779157

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# 3133

Delta R.T. 0.000 min

Lab File: BM037502.D

Acq: 14 Nov 2022 14:08

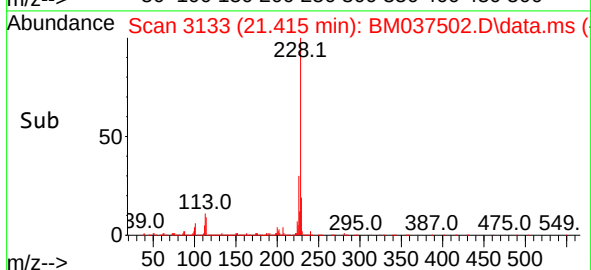
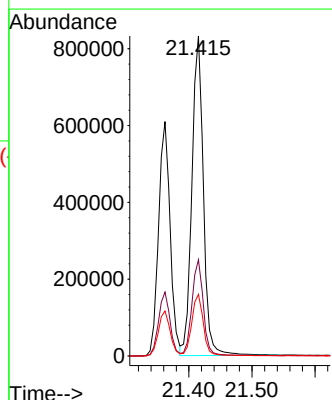
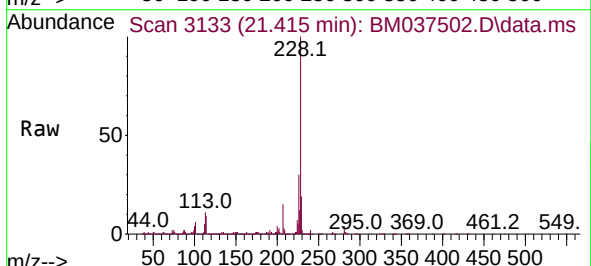
Tgt Ion:228 Resp: 1054129

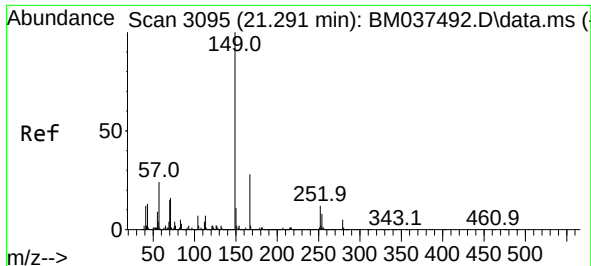
Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.4

229 19.2 16.2 24.2

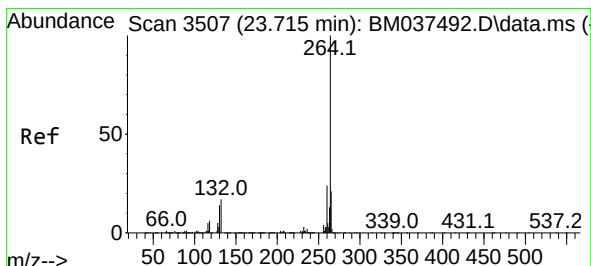
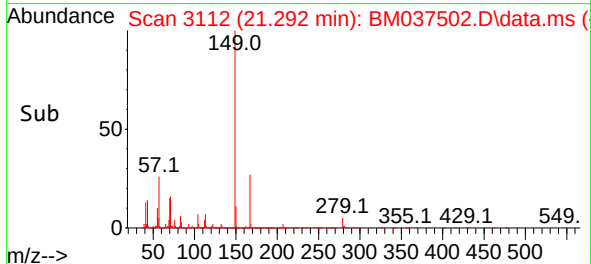
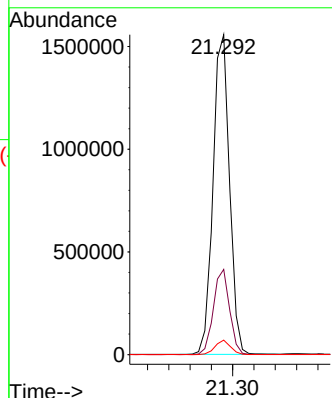
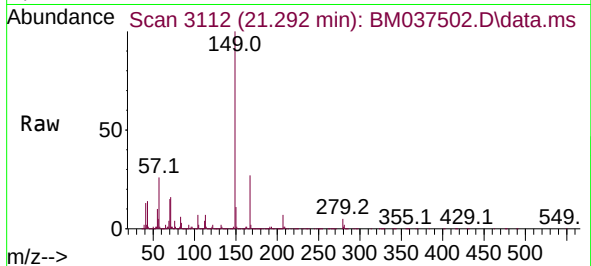




#84
Bis(2-ethylhexyl)phthalate
Concen: 27.944 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

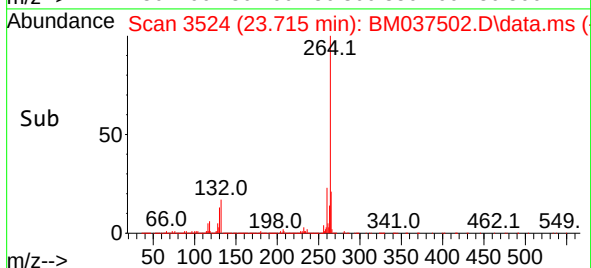
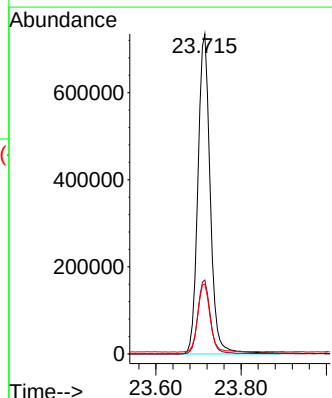
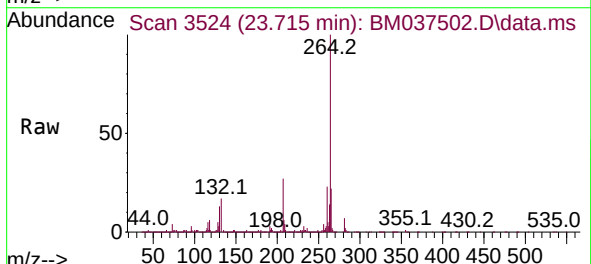
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

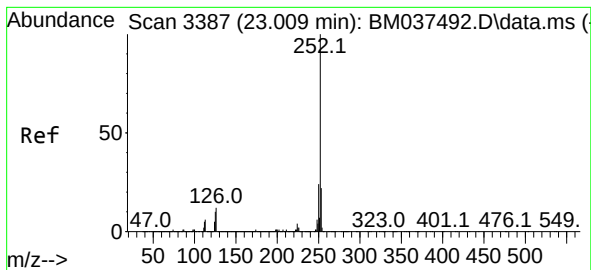
Tgt Ion:149 Resp: 1674214
Ion Ratio Lower Upper
149 100
167 26.6 22.3 33.5
279 4.5 3.8 5.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3524
Delta R.T. 0.000 min
Lab File: BM037502.D
Acq: 14 Nov 2022 14:08

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# 34

Delta R.T. -0.006 min

Lab File: BM037502.D

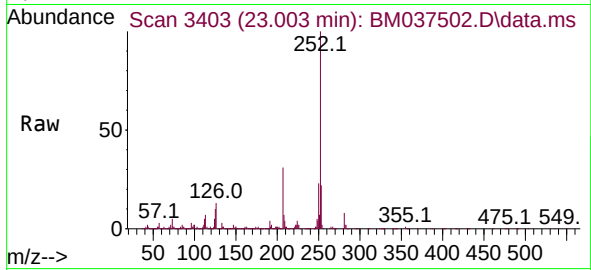
Acq: 14 Nov 2022 14:08

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILDL



Tgt Ion:252 Resp: 1128398

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.4 7.8 11.6

