

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060884.D
 Acq On : 12 Apr 2024 21:47
 Operator : MA/JU
 Sample : P2091-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041124

Quant Time: Apr 12 22:44:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

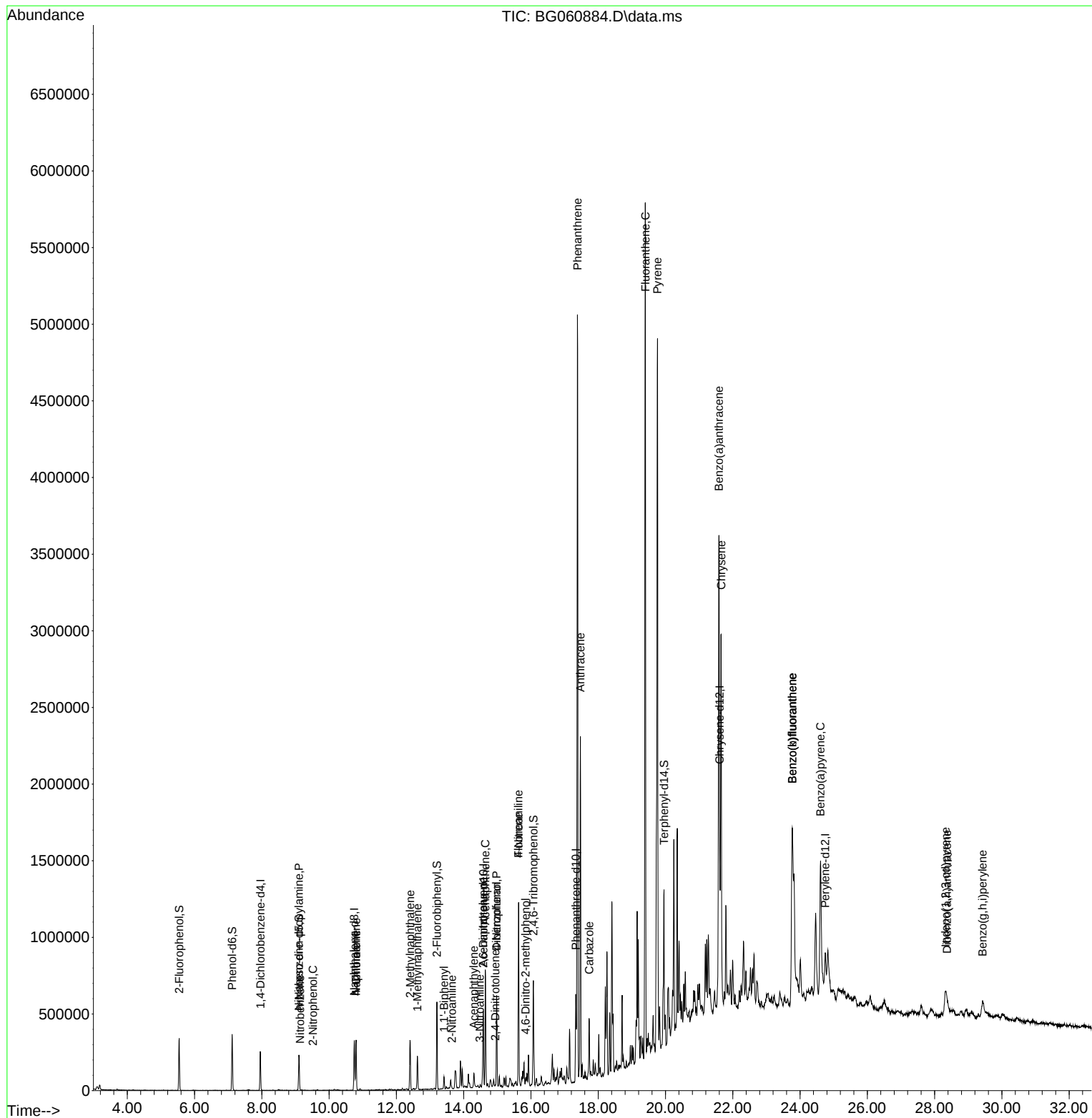
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	67924	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	254656	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	181649	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	395532	20.000	ng	0.00
76) Chrysene-d12	21.607	240	355666	20.000	ng	0.00
86) Perylene-d12	24.750	264	313497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	139527	34.220	ng	0.00
7) Phenol-d6	7.118	99	187241	30.937	ng	0.00
23) Nitrobenzene-d5	9.104	82	125489	28.119	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	98236	47.641	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	293860	23.742	ng	-0.02
79) Terphenyl-d14	19.956	244	500753	24.791	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.104	70	16949	3.672	ng	# 80
24) Nitrobenzene	9.133	77	118	2.795	ng	# 42
26) 2-Nitrophenol	9.521	139	54	2.994	ng	# 31
31) Naphthalene	10.802	128	254536	18.478	ng	99
33) 4-Chloroaniline	10.802	127	35474	5.544	ng	# 35
37) 2-Methylnaphthalene	12.412	142	149782	14.790	ng	97
38) 1-Methylnaphthalene	12.623	142	98843	10.331	ng	96
46) 1,1'-Biphenyl	13.416	154	33706	2.627	ng	99
48) 2-Nitroaniline	13.651	65	314	2.896	ng	# 11
49) Acenaphthylene	14.304	152	63662	3.887	ng	# 96
51) 2,6-Dinitrotoluene	14.580	165	30770	14.592	ng	# 20
52) Acenaphthene	14.644	154	267475	26.009	ng	99
53) 3-Nitroaniline	14.480	138	251	2.935	ng	# 1
55) Dibenzofuran	14.979	168	352626	21.738	ng	98
56) 4-Nitrophenol	14.979	139	136313	64.944	ng	# 1
57) 2,4-Dinitrotoluene	14.938	165	1118	3.570	ng	# 24
58) Fluorene	15.631	166	525216	40.342	ng	97
62) 4-Nitroaniline	15.631	138	7435	2.832	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.837	198	54	7.062	ng	# 1
71) Phenanthrene	17.382	178	3308591	160.839	ng	92
72) Anthracene	17.471	178	1441268	68.990	ng	99
73) Carbazole	17.729	167	253023	13.737	ng	99
75) Fluoranthene	19.404	202	3806785	152.506	ng	94
78) Pyrene	19.762	202	3398235	136.615	ng	93
81) Benzo(a)anthracene	21.589	228	2050288	81.780	ng	96
83) Chrysene	21.654	228	1779622	73.646	ng	96
87) Indeno(1,2,3-cd)pyrene	28.328	276	442734	20.055	ng	# 87
88) Benzo(b)fluoranthene	23.769	252	1826191	101.397	ng	99
89) Benzo(k)fluoranthene	23.769	252	1826191	99.065	ng	99
90) Benzo(a)pyrene	24.609	252	1422444	81.271	ng	96
91) Dibenzo(a,h)anthracene	28.369	278	50928	2.737	ng	# 90
92) Benzo(g,h,i)perylene	29.427	276	322396	17.809	ng	96

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

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QLast Update : Sat Mar 30 03:12:26 2024
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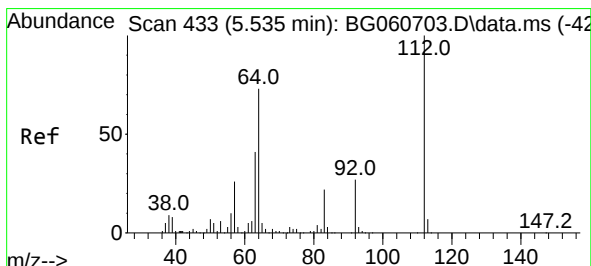
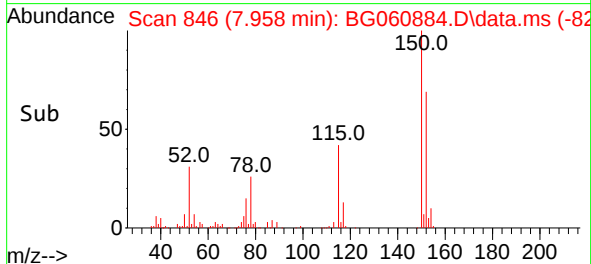
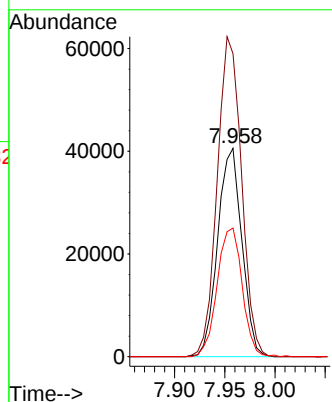
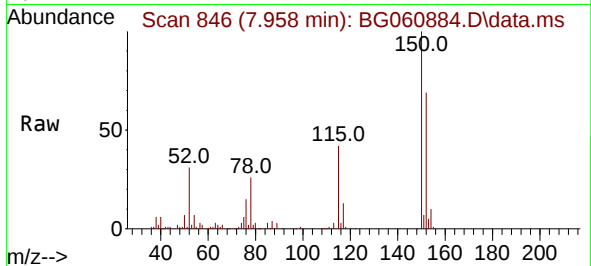




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.958 min Scan# 846
 Delta R.T. -0.003 min
 Lab File: BG060884.D
 Acq: 12 Apr 2024 21:47

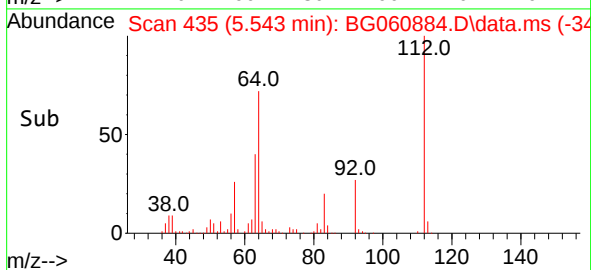
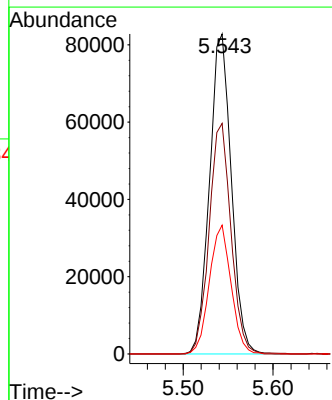
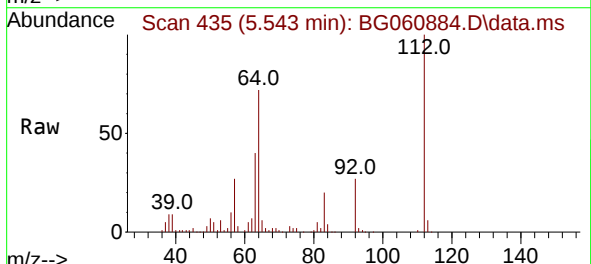
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041124

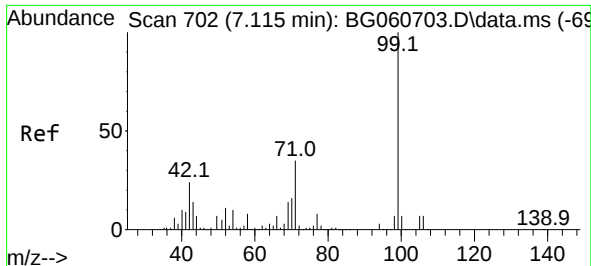
Tgt Ion:152 Resp: 67924
 Ion Ratio Lower Upper
 152 100
 150 145.4 130.2 195.4
 115 61.7 51.6 77.4



#5
 2-Fluorophenol
 Concen: 34.220 ng
 RT: 5.543 min Scan# 435
 Delta R.T. 0.008 min
 Lab File: BG060884.D
 Acq: 12 Apr 2024 21:47

Tgt Ion:112 Resp: 139527
 Ion Ratio Lower Upper
 112 100
 64 72.0 58.4 87.6
 63 40.2 32.7 49.1

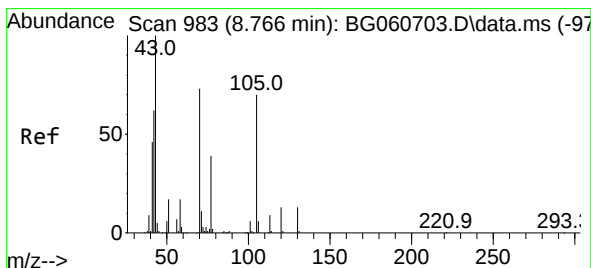
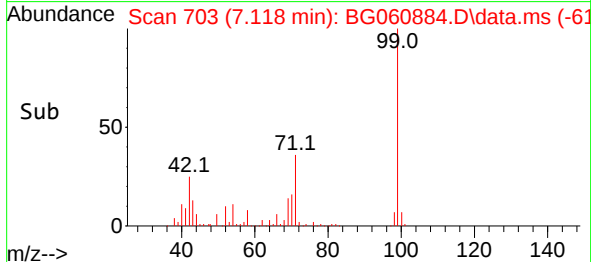
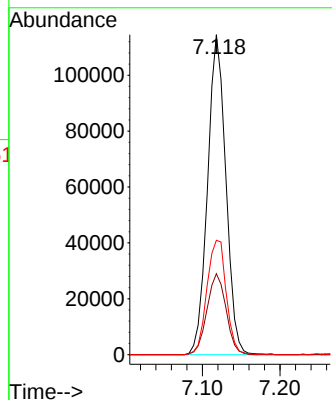
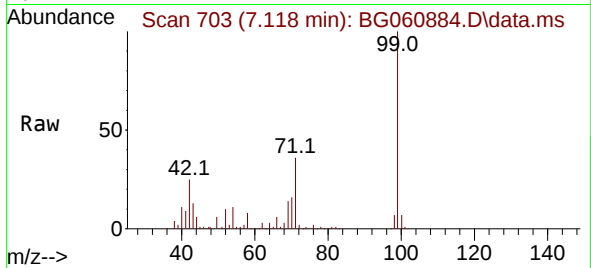




#7
Phenol-d6
Concen: 30.937 ng
RT: 7.118 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

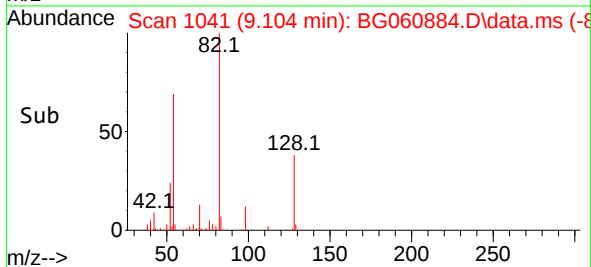
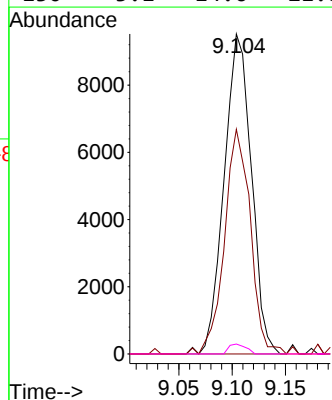
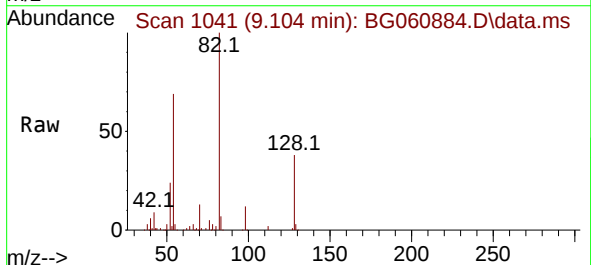
Instrument :
BNA_G
ClientSampleId :
OR-02-041124

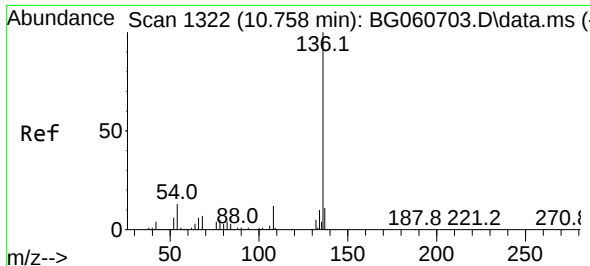
Tgt Ion: 99 Resp: 187241
Ion Ratio Lower Upper
99 100
42 25.3 19.4 29.2
71 35.8 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 3.672 ng
RT: 9.104 min Scan# 1041
Delta R.T. 0.338 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion: 70 Resp: 16949
Ion Ratio Lower Upper
70 100
42 70.2 68.4 102.6
101 0.0 6.1 9.1#
130 3.1 14.6 21.8#

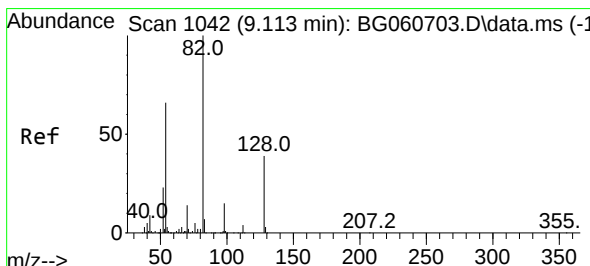
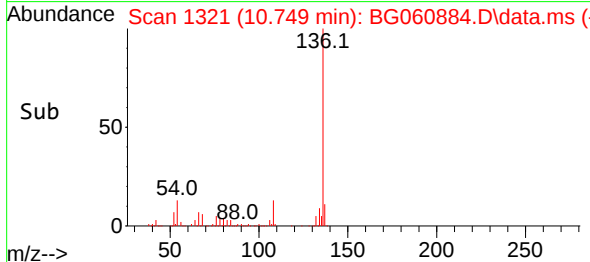
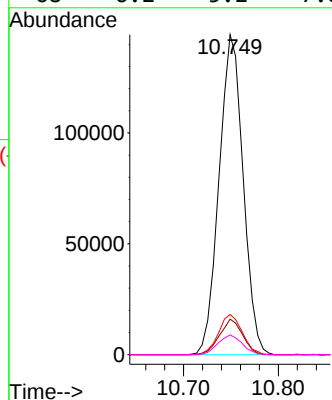
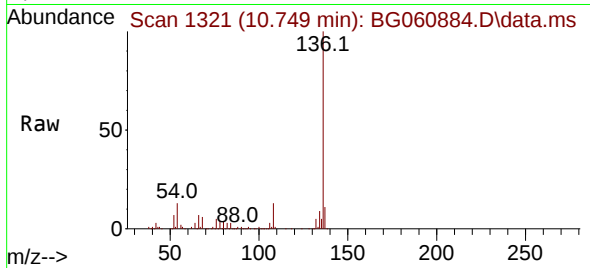




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

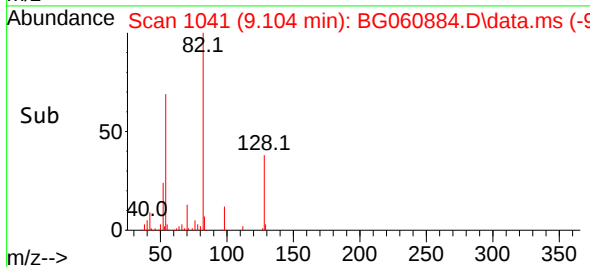
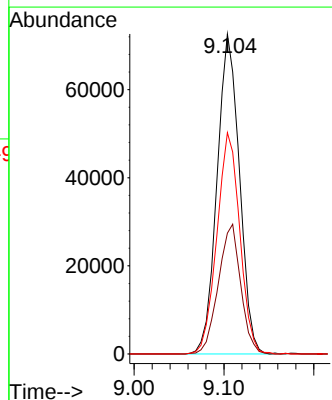
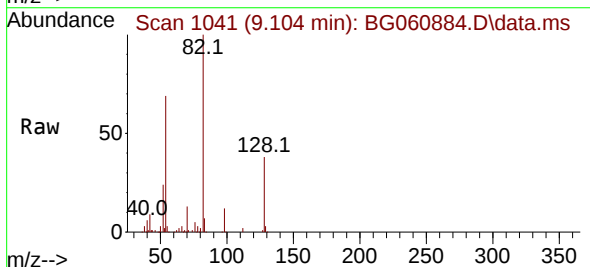
Instrument :
BNA_G
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OR-02-041124

Tgt Ion:136 Resp: 254656
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.5 10.2 15.2
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 28.119 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion: 82 Resp: 125489
Ion Ratio Lower Upper
82 100
128 37.7 31.2 46.8
54 69.1 53.2 79.8

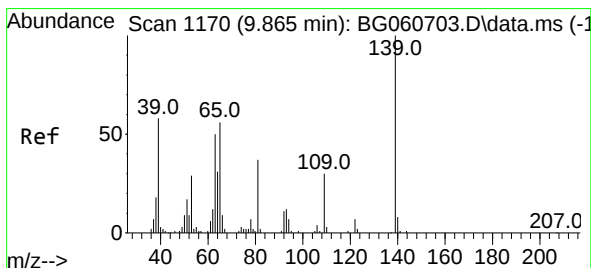
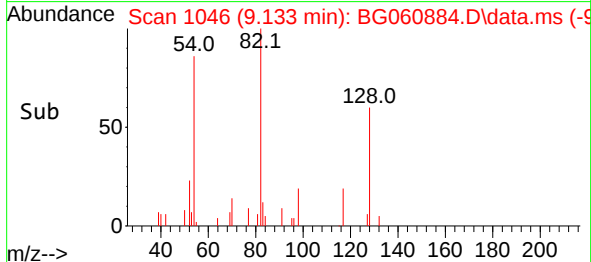
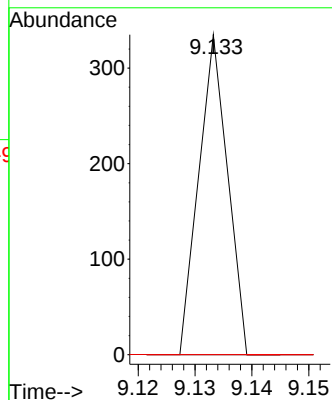
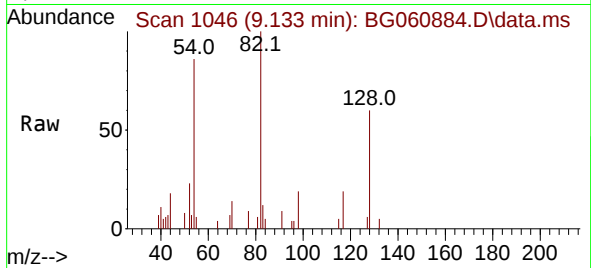




#24
Nitrobenzene
Concen: 2.795 ng
RT: 9.133 min Scan# 1112
Delta R.T. -0.021 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

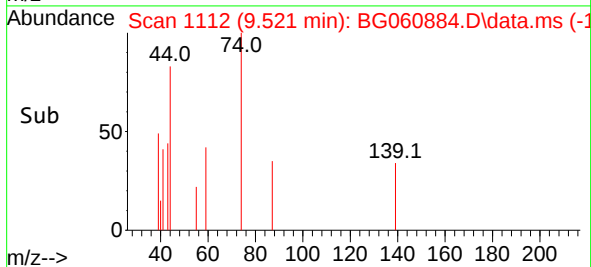
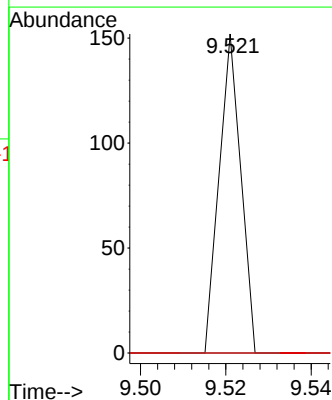
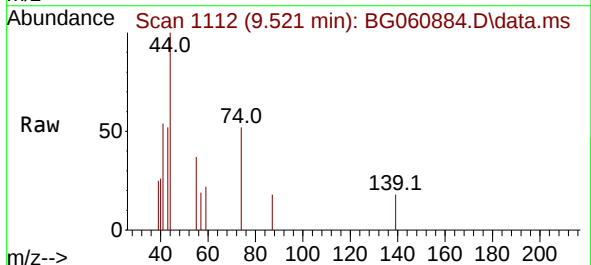
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BNA_G
ClientSampleId :
OR-02-041124

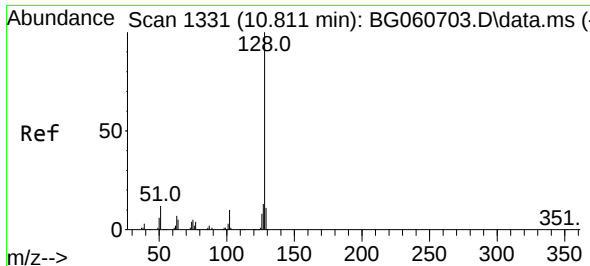
Tgt Ion: 77	Resp: 118
Ion Ratio	Lower Upper
77	100
123	0.0 32.7 49.1#
65	0.0 11.3 16.9#



#26
2-Nitrophenol
Concen: 2.994 ng
RT: 9.521 min Scan# 1112
Delta R.T. -0.344 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion: 139	Resp: 54
Ion Ratio	Lower Upper
139	100
109	0.0 23.9 35.9#
65	0.0 44.5 66.7#

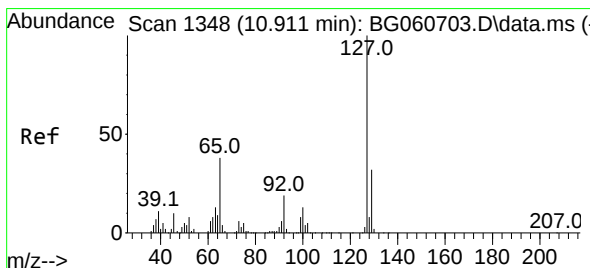
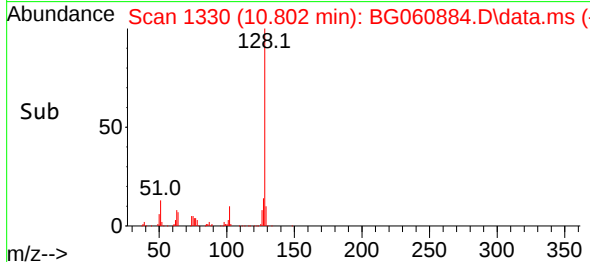
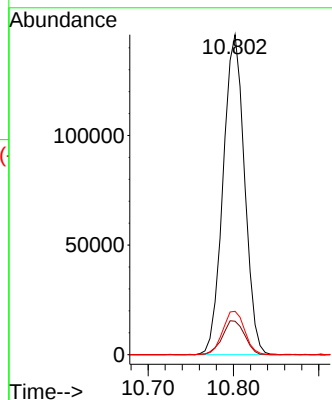
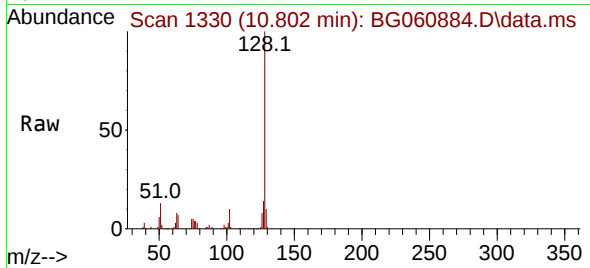




#31
Naphthalene
Concen: 18.478 ng
RT: 10.802 min Scan# 1330
Delta R.T. -0.009 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

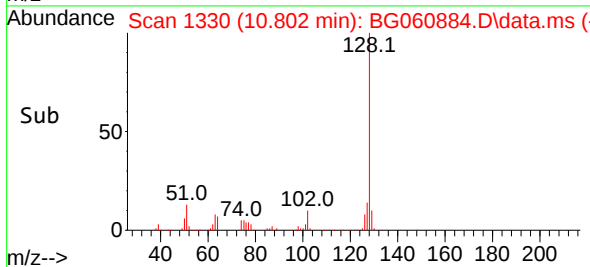
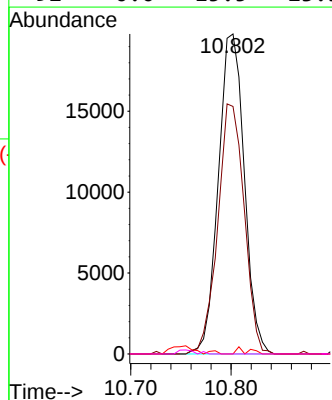
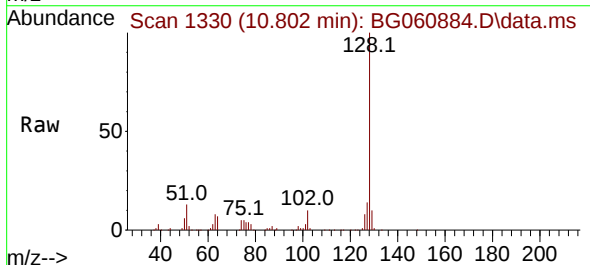
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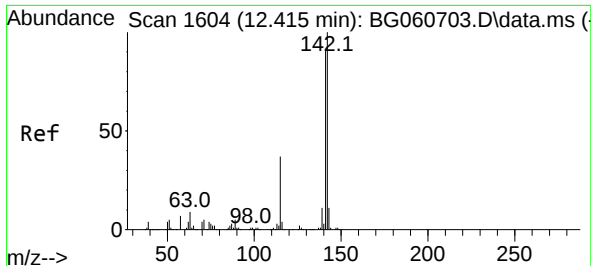
Tgt Ion:128 Resp: 254536
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.5 10.5 15.7



#33
4-Chloroaniline
Concen: 5.544 ng
RT: 10.802 min Scan# 1330
Delta R.T. -0.109 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion:127 Resp: 35474
Ion Ratio Lower Upper
127 100
129 77.4 25.3 37.9#
65 0.0 30.2 45.2#
92 0.0 15.5 23.3#

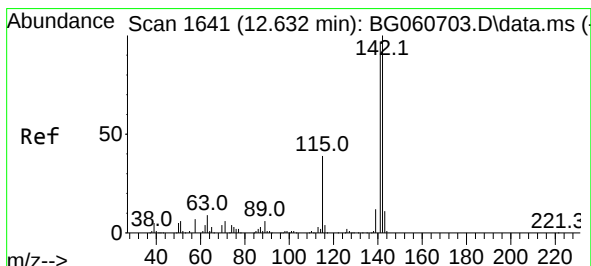
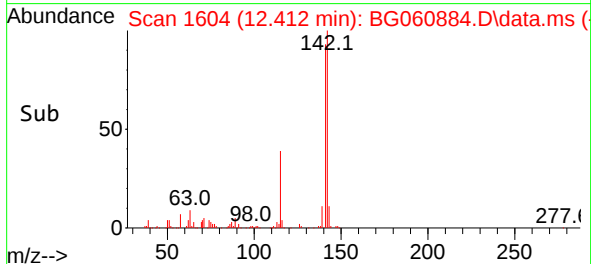
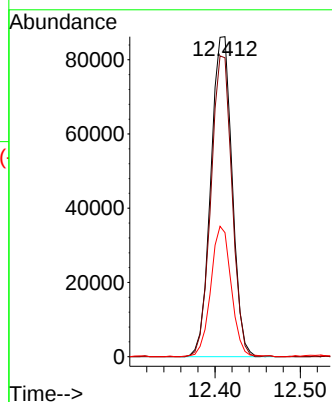
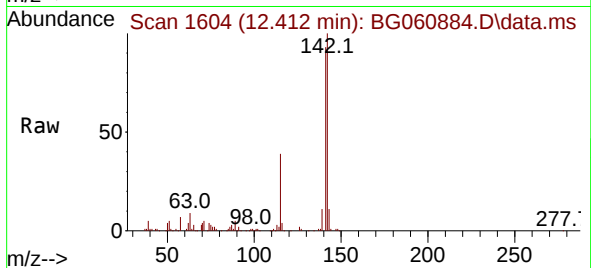




#37
2-Methylnaphthalene
Concen: 14.790 ng
RT: 12.412 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

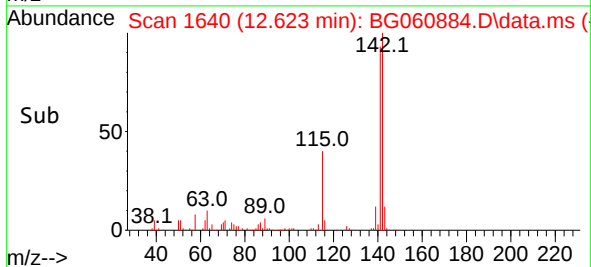
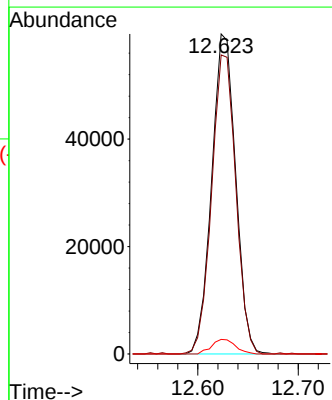
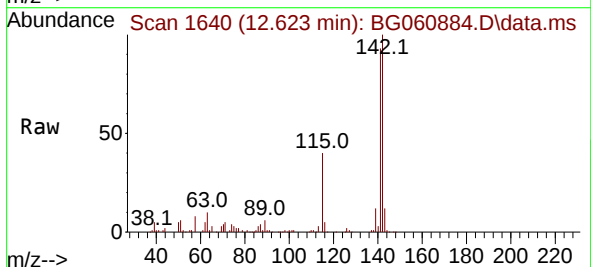
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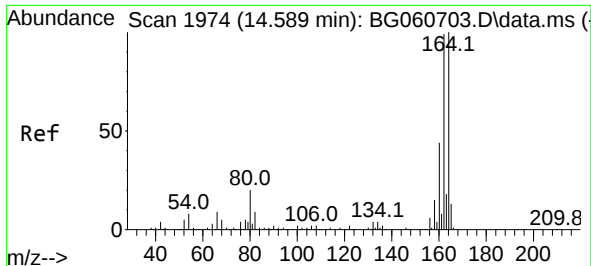
Tgt Ion:142 Resp: 149782
Ion Ratio Lower Upper
142 100
141 93.4 72.7 109.1
115 38.7 29.9 44.9



#38
1-Methylnaphthalene
Concen: 10.331 ng
RT: 12.623 min Scan# 1640
Delta R.T. -0.009 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion:142 Resp: 98843
Ion Ratio Lower Upper
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141 93.5 77.7 116.5
116 4.6 3.4 5.2

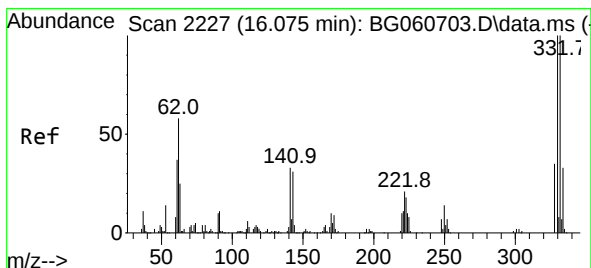
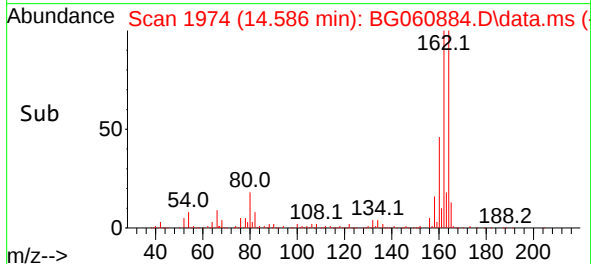
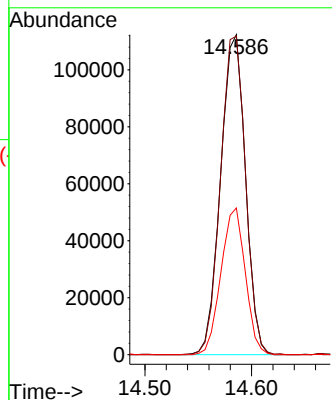
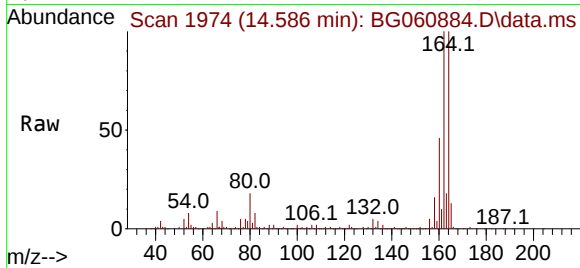




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

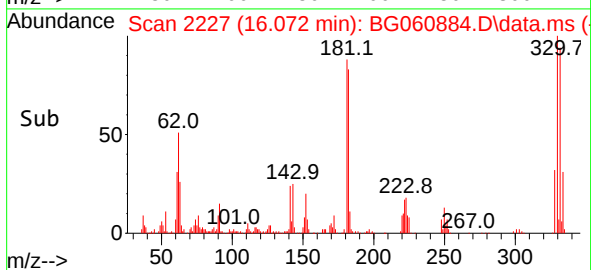
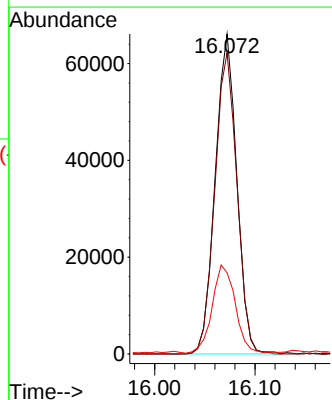
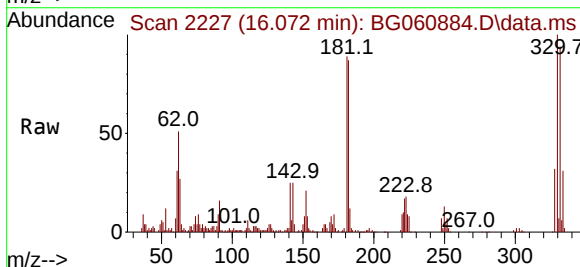
Instrument :
BNA_G
ClientSampleId :
OR-02-041124

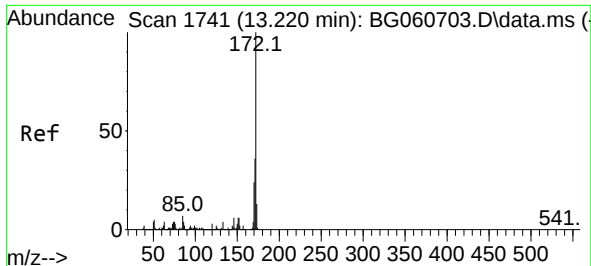
Tgt Ion:164 Resp: 181649
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 47.641 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion:330 Resp: 98236
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 29.5 27.0 40.6

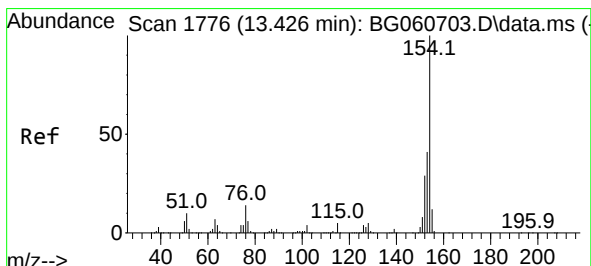
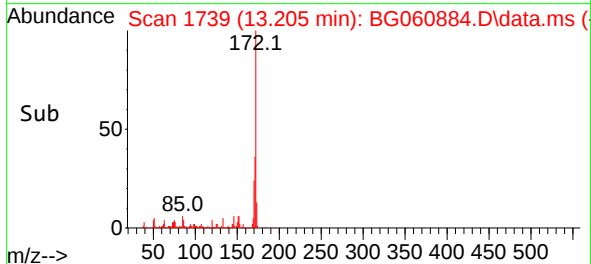
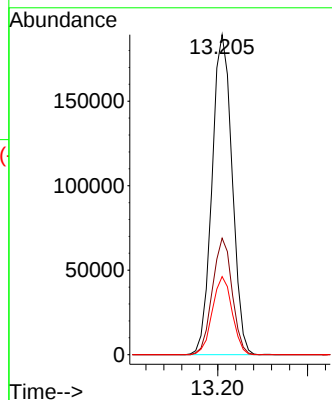
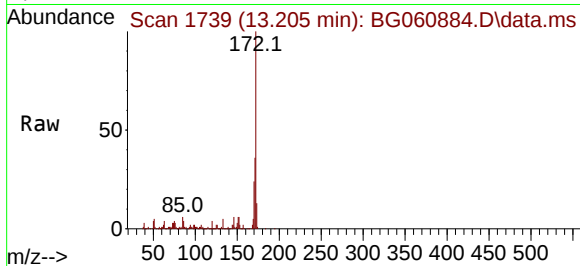




#45
2-Fluorobiphenyl
Concen: 23.742 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

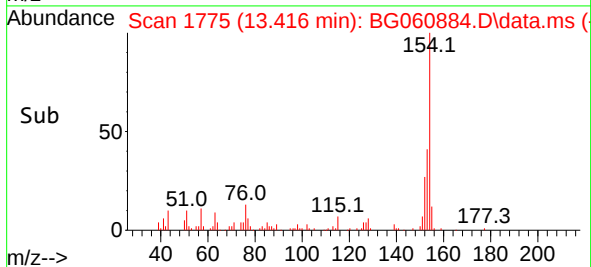
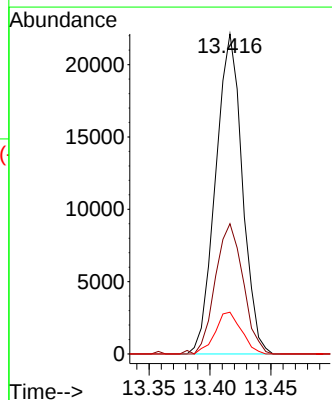
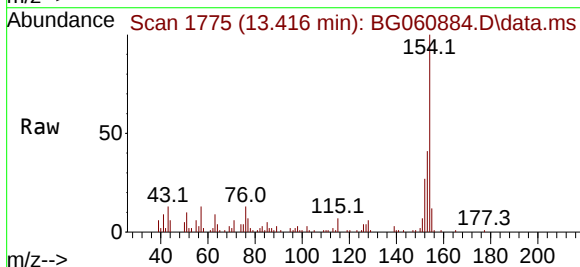
Instrument :
BNA_G
ClientSampleId :
OR-02-041124

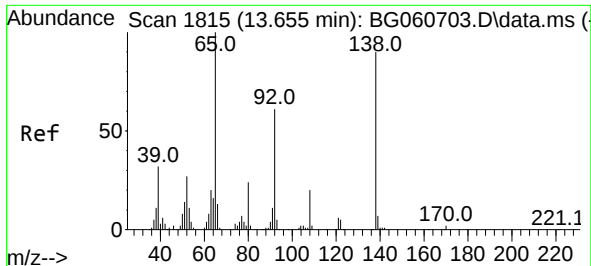
Tgt Ion:	172	Resp:	293860
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.7	43.1
170	24.4	19.4	29.0



#46
1,1'-Biphenyl
Concen: 2.627 ng
RT: 13.416 min Scan# 1775
Delta R.T. -0.009 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion:	154	Resp:	33706
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.8	60.8
76	13.0	0.0	33.9

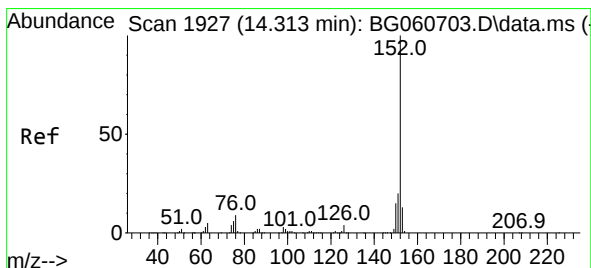
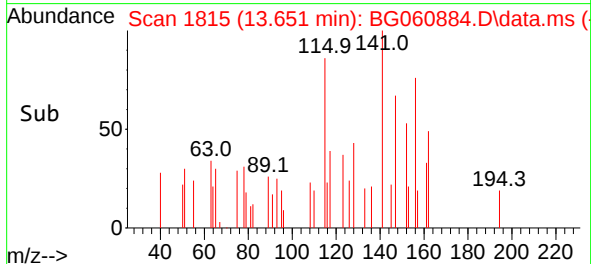
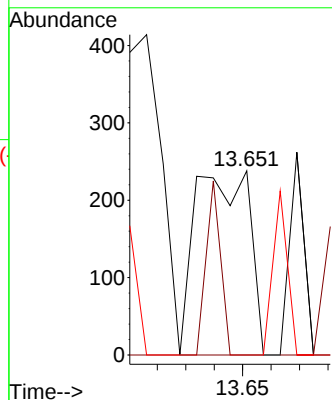
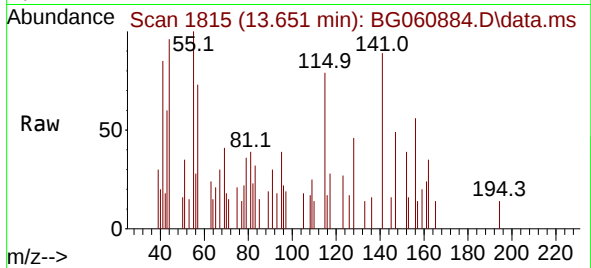




#48
2-Nitroaniline
Concen: 2.896 ng
RT: 13.651 min Scan# 1815
Delta R.T. -0.004 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

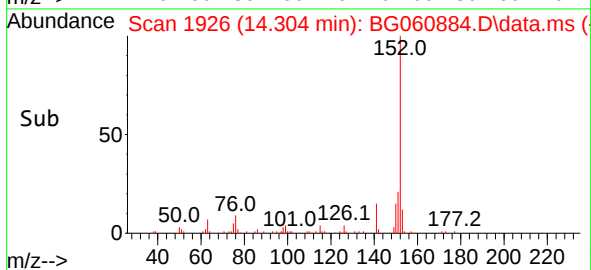
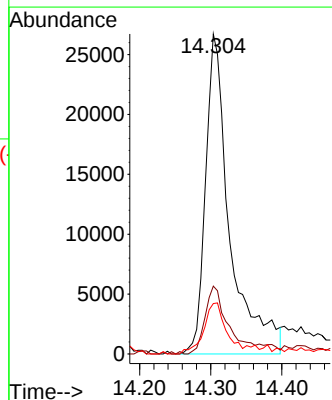
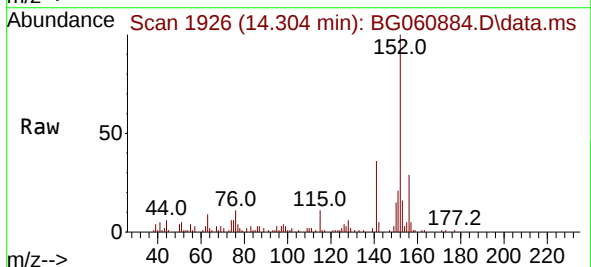
Instrument :
BNA_G
ClientSampleId :
OR-02-041124

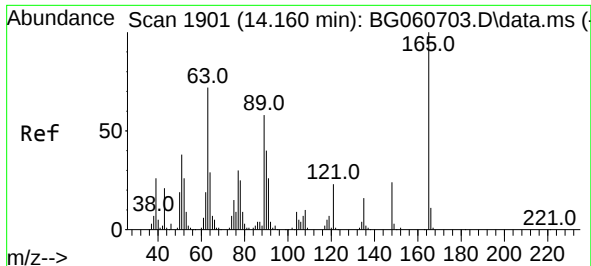
Tgt Ion: 65 Resp: 314
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#49
Acenaphthylene
Concen: 3.887 ng
RT: 14.304 min Scan# 1926
Delta R.T. -0.009 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion: 152 Resp: 63662
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 15.8 10.5 15.7#





#51

2,6-Dinitrotoluene

Concen: 14.592 ng

RT: 14.580 min Scan# 1901

Delta R.T. 0.420 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

Instrument :

BNA_G

ClientSampleId :

OR-02-041124

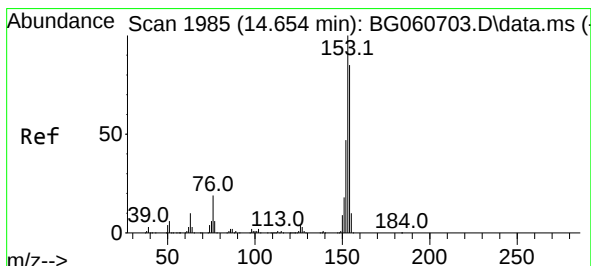
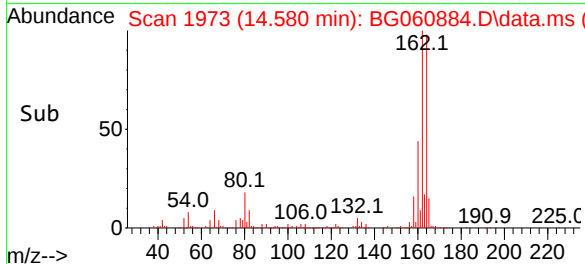
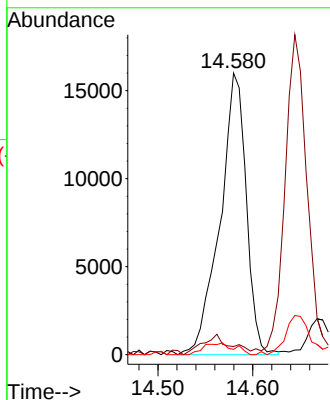
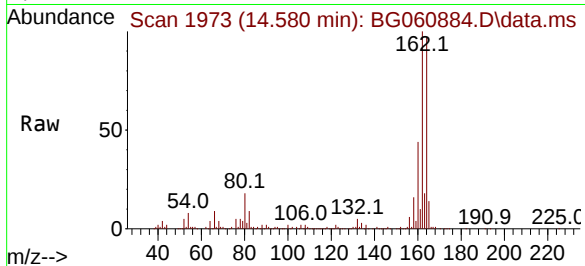
Tgt Ion:165 Resp: 30770

Ion Ratio Lower Upper

165 100

63 2.9 58.2 87.4#

89 1.9 46.1 69.1#



#52

Acenaphthene

Concen: 26.009 ng

RT: 14.644 min Scan# 1984

Delta R.T. -0.010 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

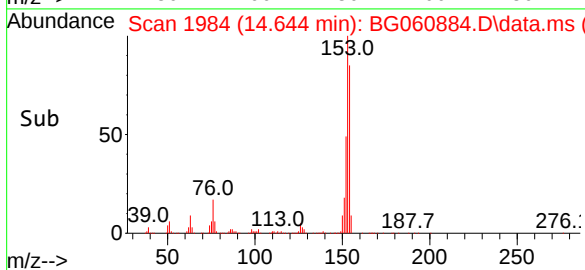
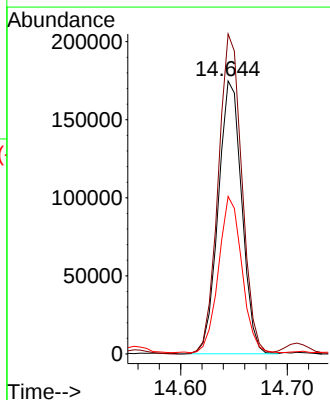
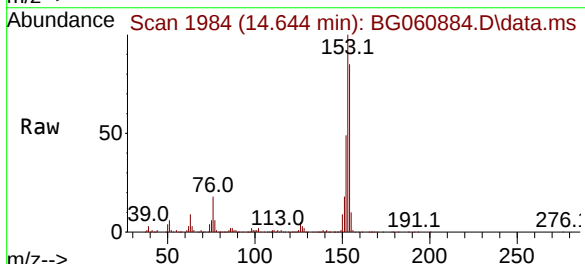
Tgt Ion:154 Resp: 267475

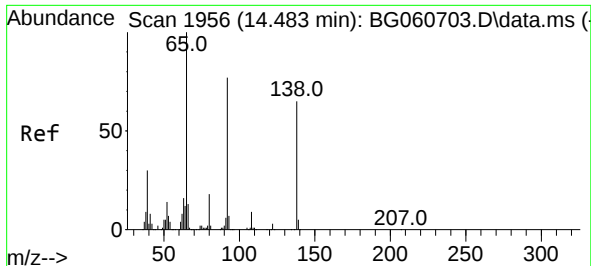
Ion Ratio Lower Upper

154 100

153 117.2 93.9 140.9

152 57.7 44.1 66.1

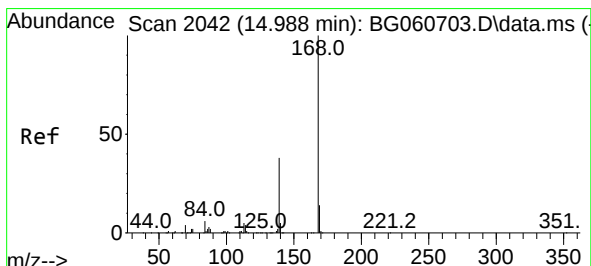
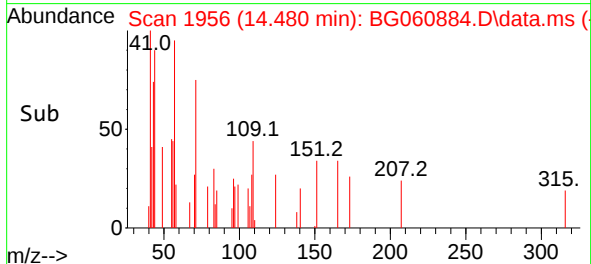
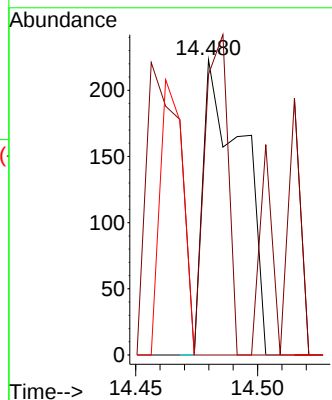
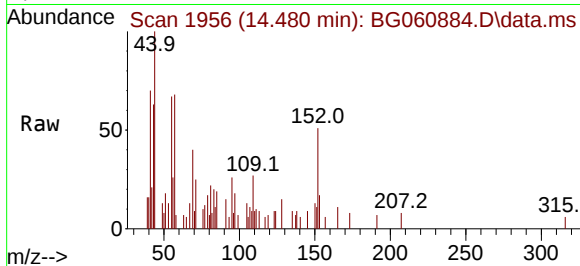




#53
3-Nitroaniline
Concen: 2.935 ng
RT: 14.480 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

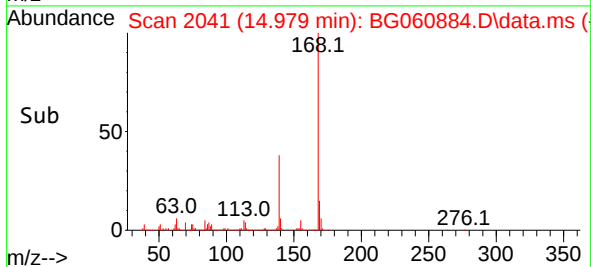
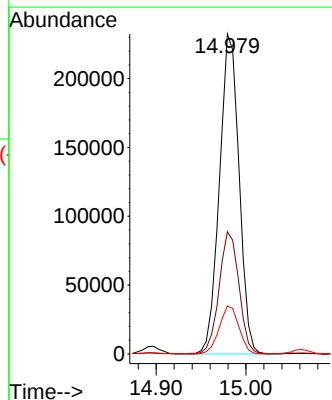
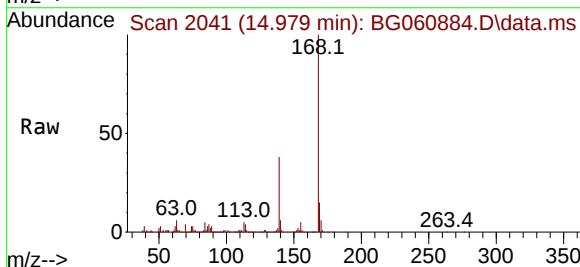
Instrument :
BNA_G
ClientSampleId :
OR-02-041124

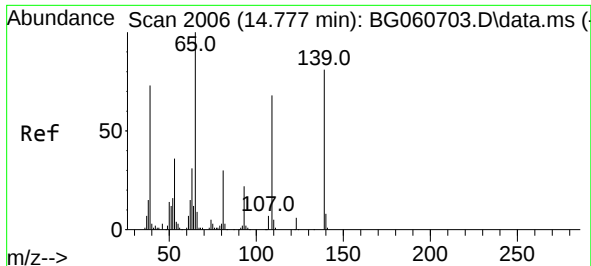
Tgt Ion:138 Resp: 251
Ion Ratio Lower Upper
138 100
108 95.1 11.3 16.9#
92 0.0 94.1 141.1#



#55
Dibenzofuran
Concen: 21.738 ng
RT: 14.979 min Scan# 2041
Delta R.T. -0.009 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion:168 Resp: 352626
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 15.0 11.0 16.4

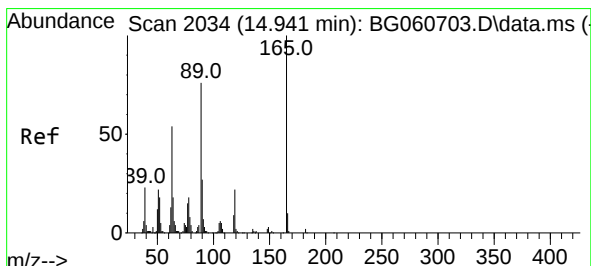
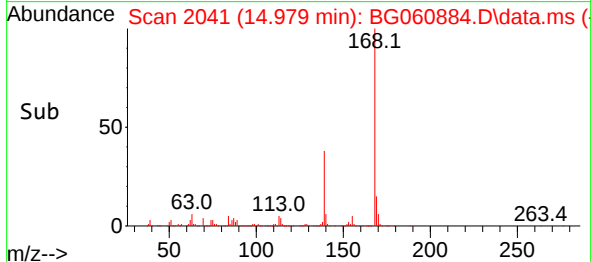
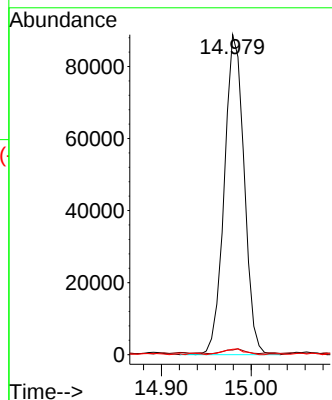
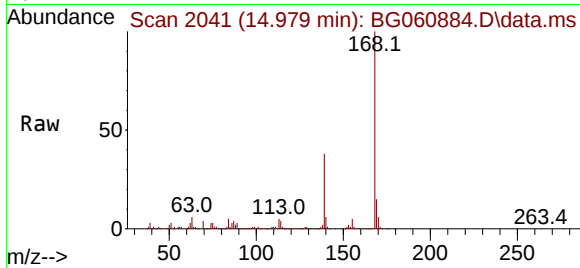




#56
4-Nitrophenol
Concen: 64.944 ng
RT: 14.979 min Scan# 2041
Delta R.T. 0.202 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

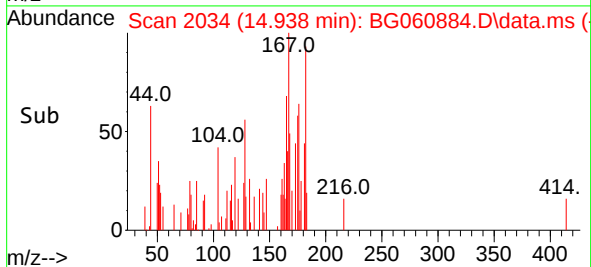
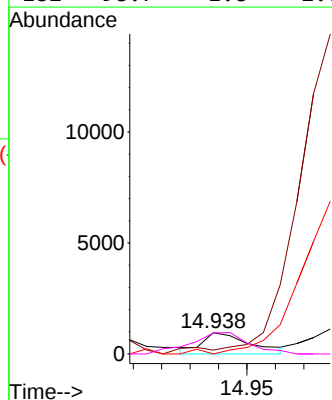
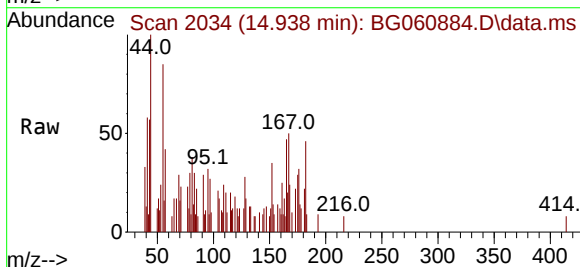
Instrument :
BNA_G
ClientSampleId :
OR-02-041124

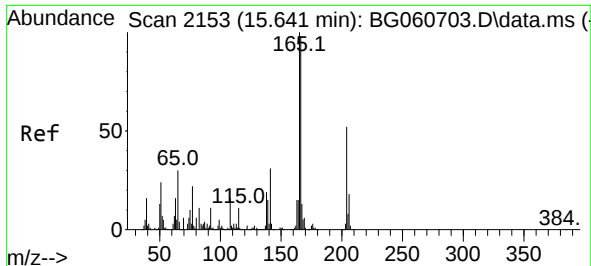
Tgt Ion:139 Resp: 136313
Ion Ratio Lower Upper
139 100
109 1.5 64.0 104.0#
65 1.7 104.3 144.3#



#57
2,4-Dinitrotoluene
Concen: 3.570 ng
RT: 14.938 min Scan# 2034
Delta R.T. -0.003 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion:165 Resp: 1118
Ion Ratio Lower Upper
165 100
63 17.8 43.4 65.0#
89 0.0 61.0 91.6#
182 98.7 1.8 2.6#

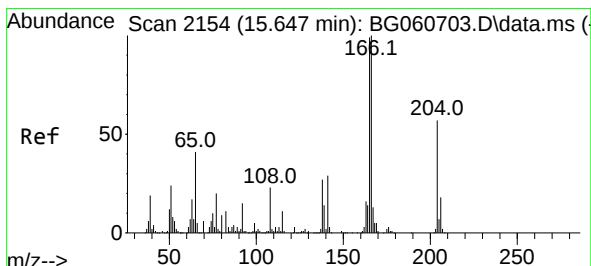
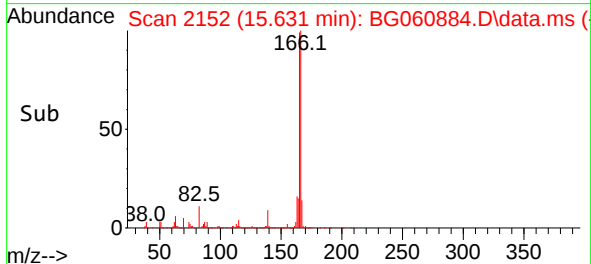
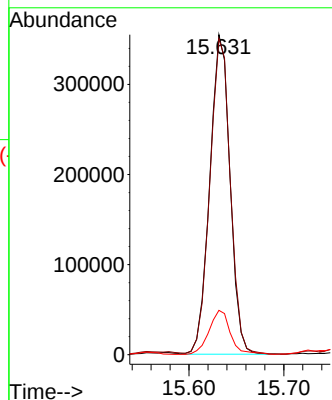
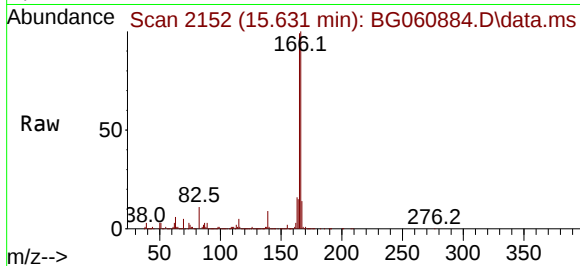




#58
 Fluorene
 Concen: 40.342 ng
 RT: 15.631 min Scan# 2152
 Delta R.T. -0.009 min
 Lab File: BG060884.D
 Acq: 12 Apr 2024 21:47

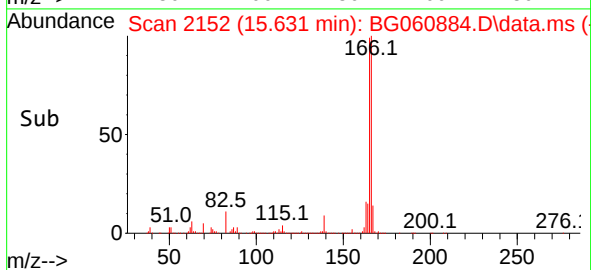
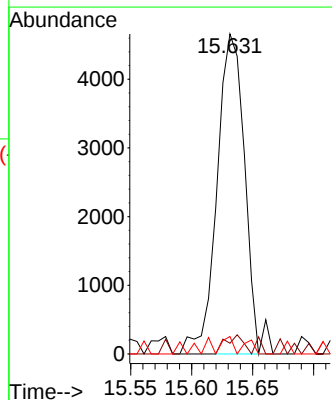
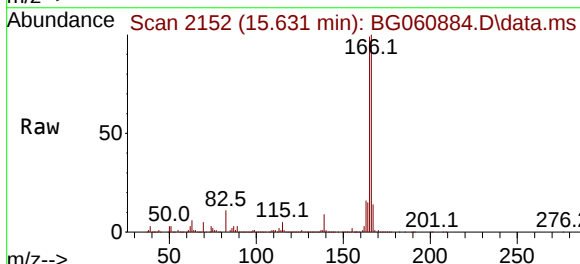
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041124

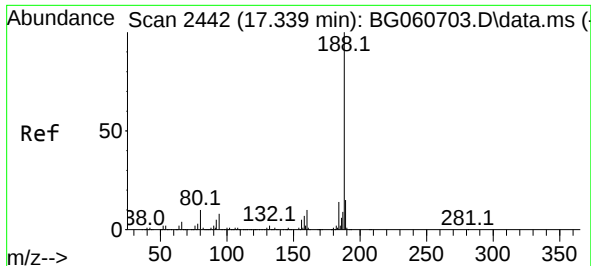
Tgt Ion:166 Resp: 525216
 Ion Ratio Lower Upper
 166 100
 165 98.8 81.8 122.8
 167 13.9 10.9 16.3



#62
 4-Nitroaniline
 Concen: 2.832 ng
 RT: 15.631 min Scan# 2152
 Delta R.T. -0.015 min
 Lab File: BG060884.D
 Acq: 12 Apr 2024 21:47

Tgt Ion:138 Resp: 7435
 Ion Ratio Lower Upper
 138 100
 92 3.3 36.8 76.8#
 108 5.5 66.9 106.9#

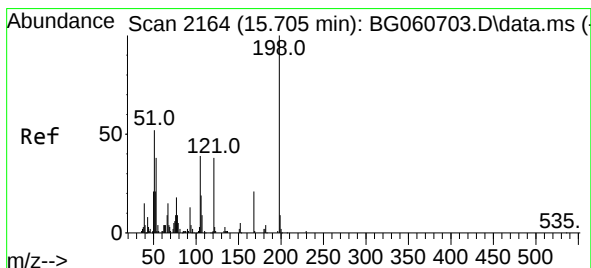
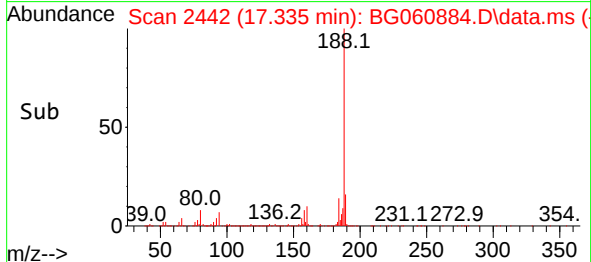
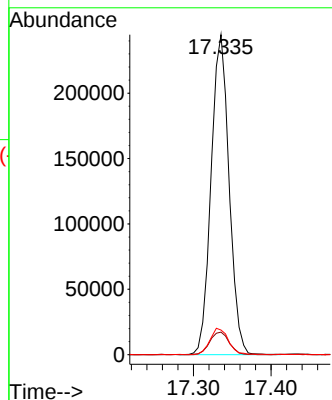
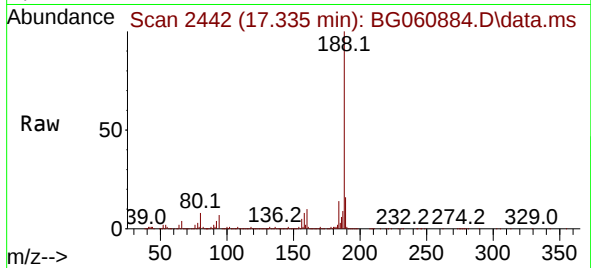




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.335 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

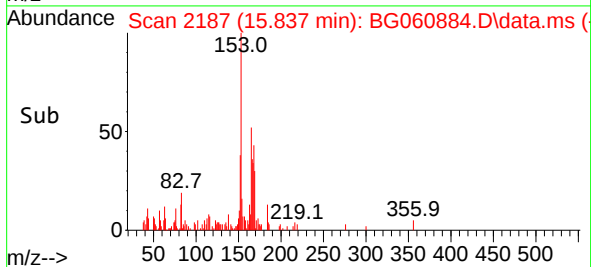
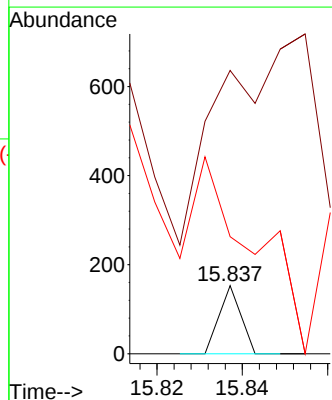
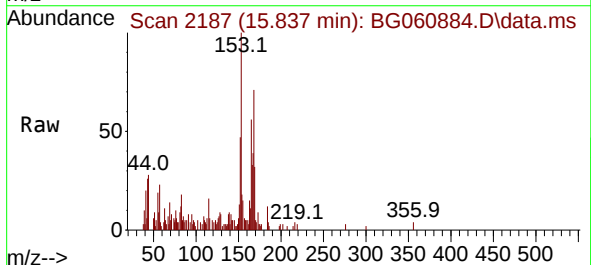
Instrument :
BNA_G
ClientSampleId :
OR-02-041124

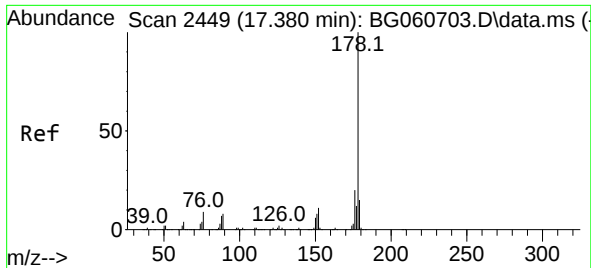
Tgt Ion:188 Resp: 395532
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 7.7 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.062 ng
RT: 15.837 min Scan# 2187
Delta R.T. 0.132 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 415.7 36.7 76.7#
105 171.9 19.1 59.1#

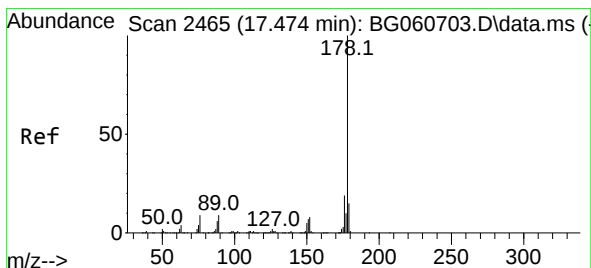
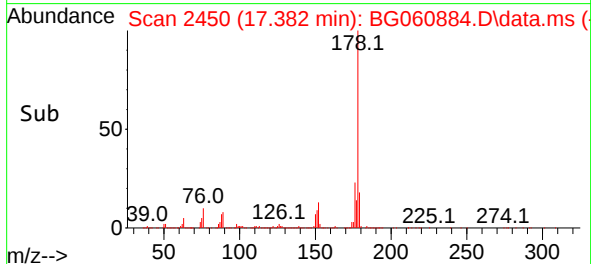
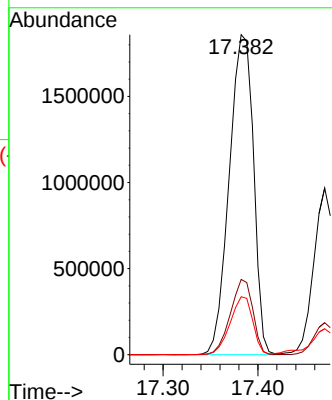
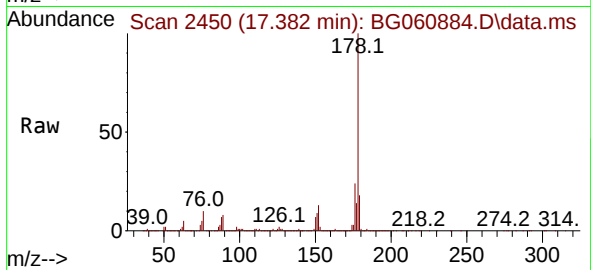




#71
Phenanthrene
Concen: 160.839 ng
RT: 17.382 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

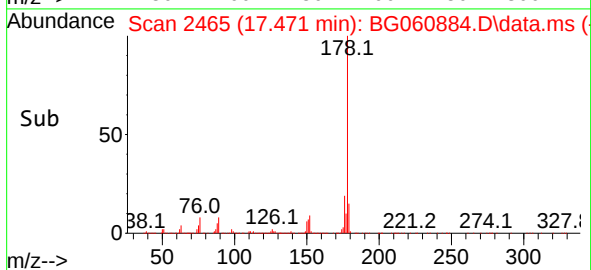
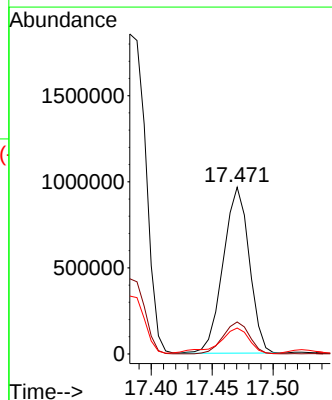
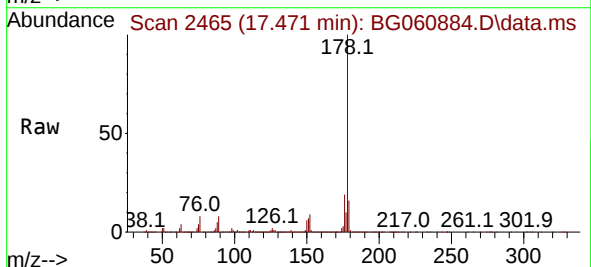
Instrument :
BNA_G
ClientSampleId :
OR-02-041124

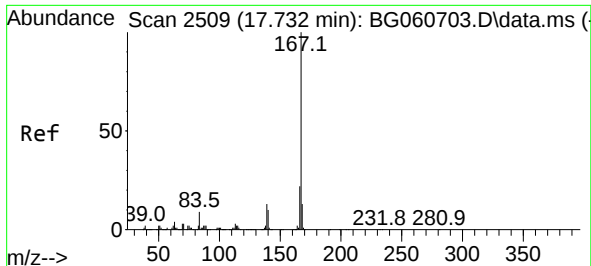
Tgt Ion:178 Resp: 3308591
Ion Ratio Lower Upper
178 100
176 23.5 15.8 23.6
179 18.1 12.2 18.4



#72
Anthracene
Concen: 68.990 ng
RT: 17.471 min Scan# 2465
Delta R.T. -0.003 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion:178 Resp: 1441268
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.2 18.2

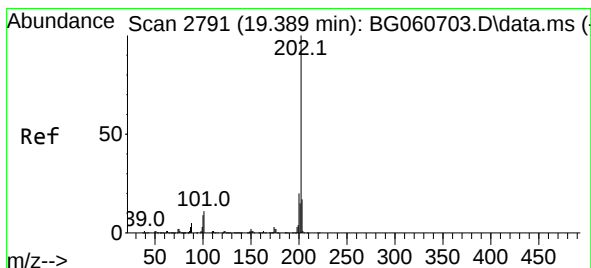
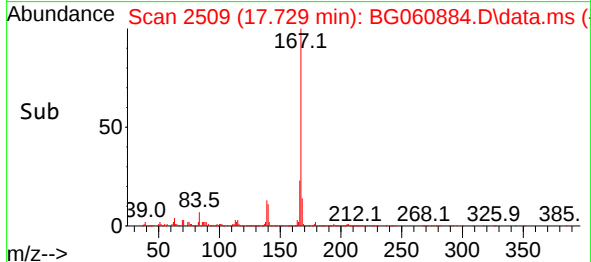
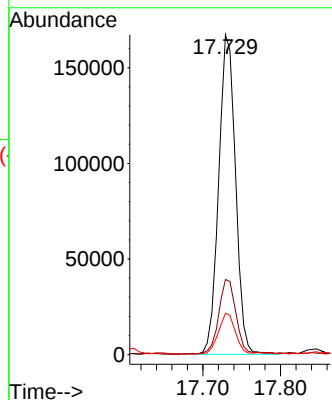
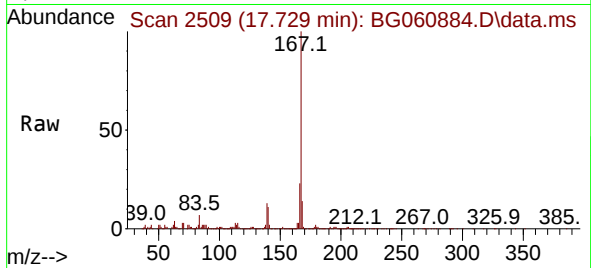




#73
 Carbazole
 Concen: 13.737 ng
 RT: 17.729 min Scan# 2509
 Delta R.T. -0.003 min
 Lab File: BG060884.D
 Acq: 12 Apr 2024 21:47

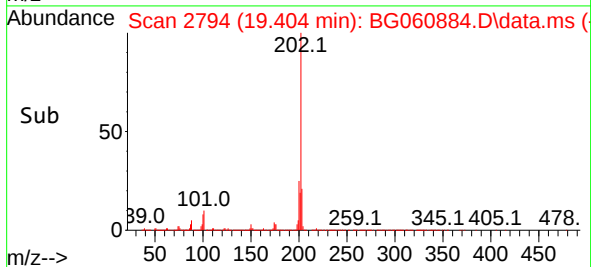
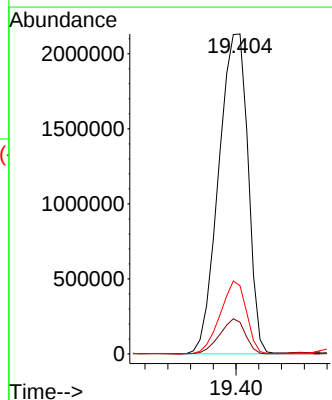
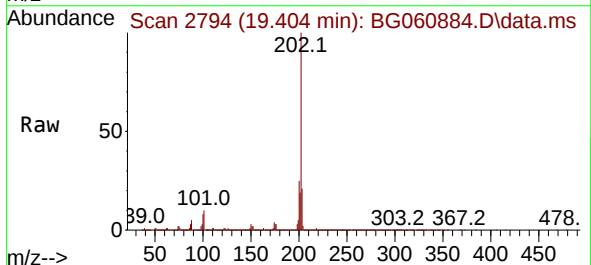
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041124

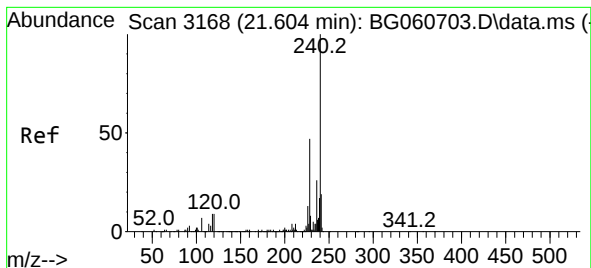
Tgt Ion:167 Resp: 253023
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.0 27.0
 139 13.0 10.5 15.7



#75
 Fluoranthene
 Concen: 152.506 ng
 RT: 19.404 min Scan# 2794
 Delta R.T. 0.014 min
 Lab File: BG060884.D
 Acq: 12 Apr 2024 21:47

Tgt Ion:202 Resp: 3806785
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 30.8
 203 21.3 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 3169

Delta R.T. 0.003 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

Instrument :

BNA_G

ClientSampleId :

OR-02-041124

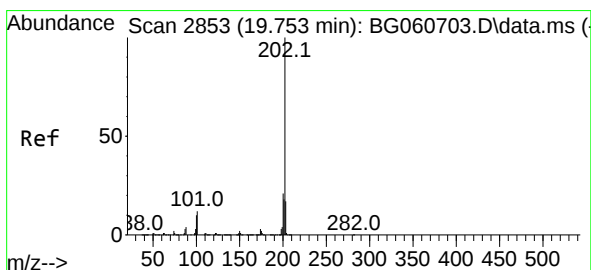
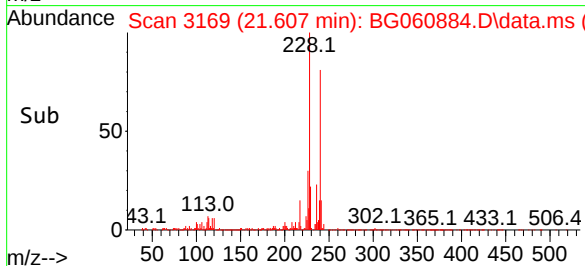
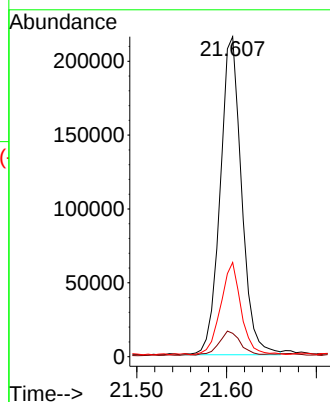
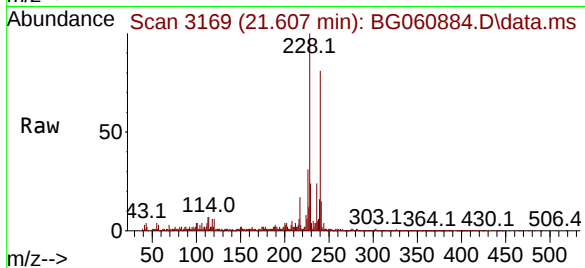
Tgt Ion:240 Resp: 355666

Ion Ratio Lower Upper

240 100

120 7.3 7.1 10.7

236 29.5 20.7 31.1



#78

Pyrene

Concen: 136.615 ng

RT: 19.762 min Scan# 2855

Delta R.T. 0.008 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

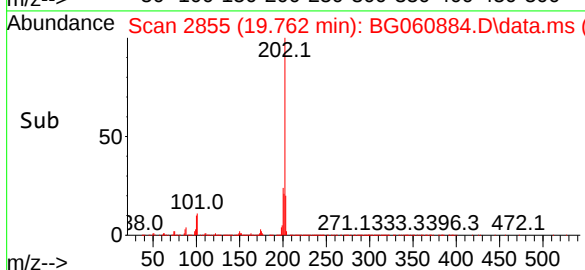
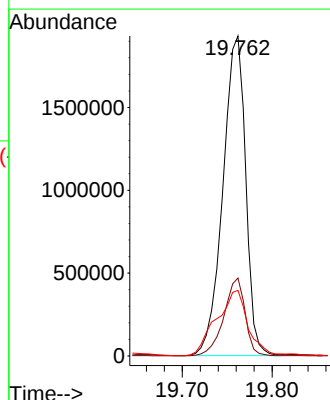
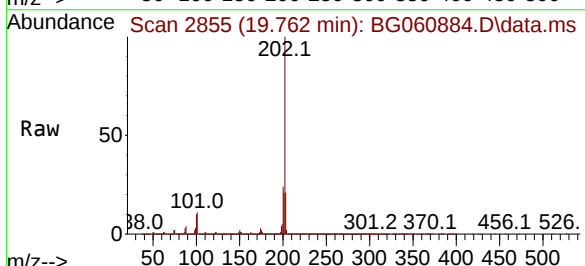
Tgt Ion:202 Resp: 3398235

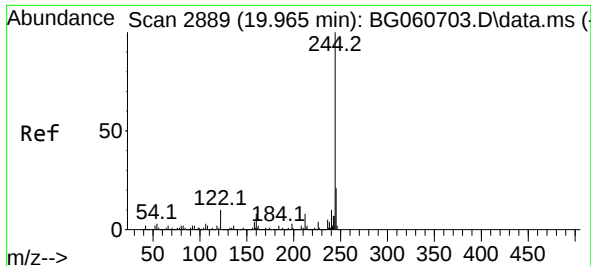
Ion Ratio Lower Upper

202 100

200 24.3 17.0 25.4

203 20.5 14.0 21.0





#79

Terphenyl-d14

Concen: 24.791 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

Instrument :

BNA_G

ClientSampleId :

OR-02-041124

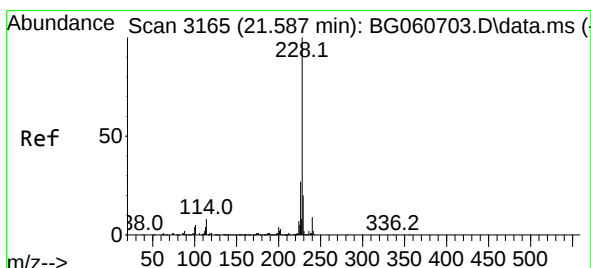
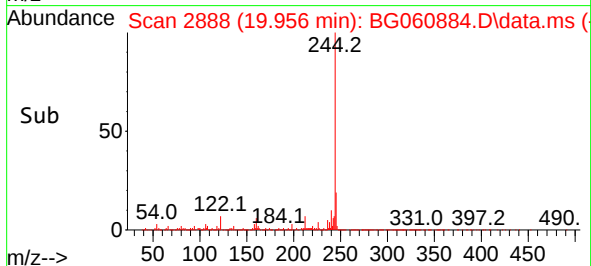
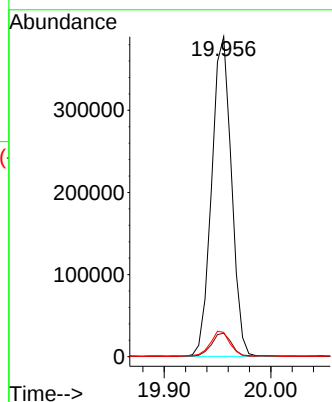
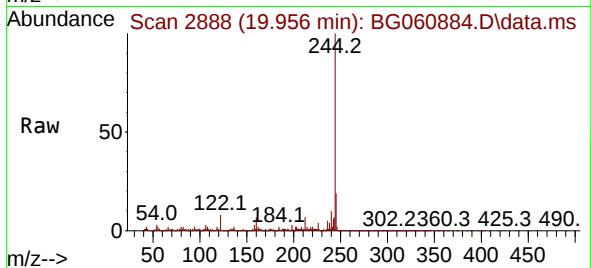
Tgt Ion:244 Resp: 500753

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 7.6 7.8 11.8#



#81

Benzo(a)anthracene

Concen: 81.780 ng

RT: 21.589 min Scan# 3166

Delta R.T. 0.003 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

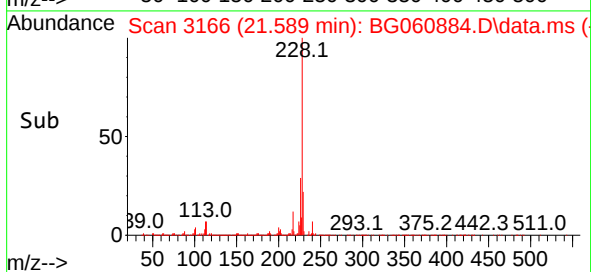
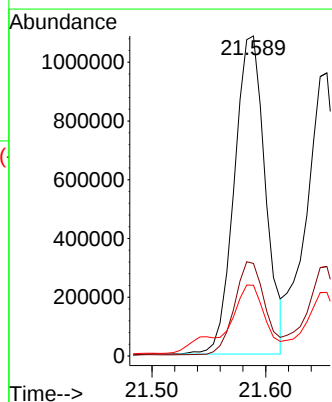
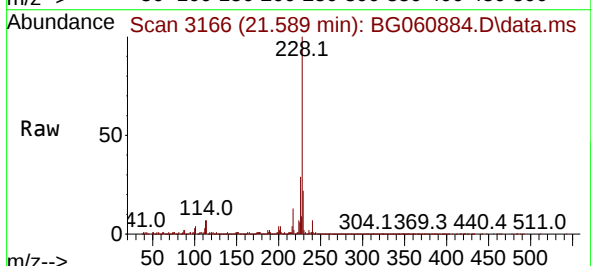
Tgt Ion:228 Resp: 2050288

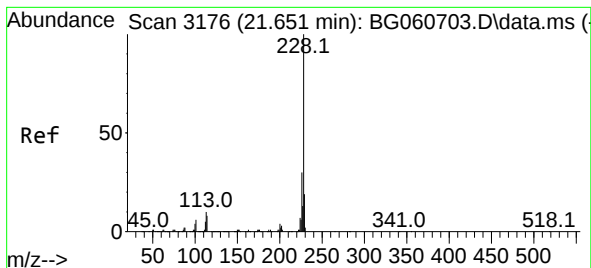
Ion Ratio Lower Upper

228 100

226 28.9 21.7 32.5

229 22.1 15.8 23.8





#83

Chrysene

Concen: 73.646 ng

RT: 21.654 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

Instrument :

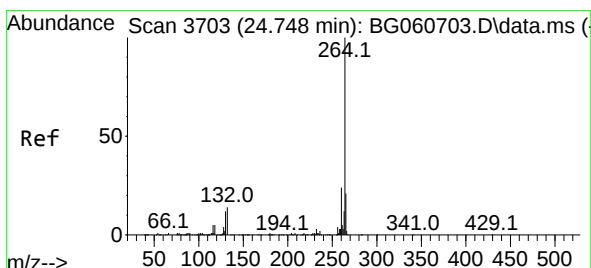
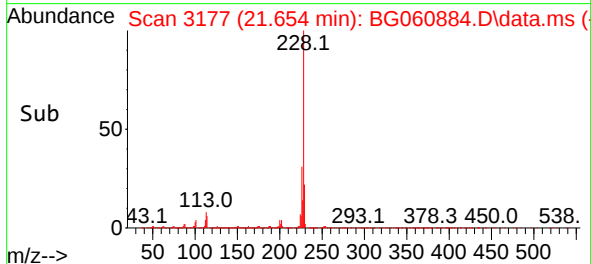
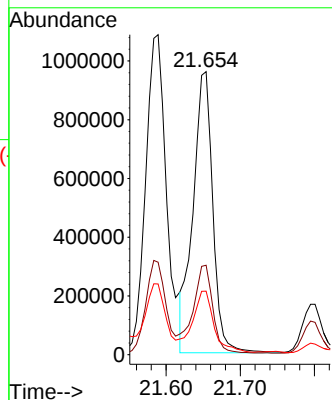
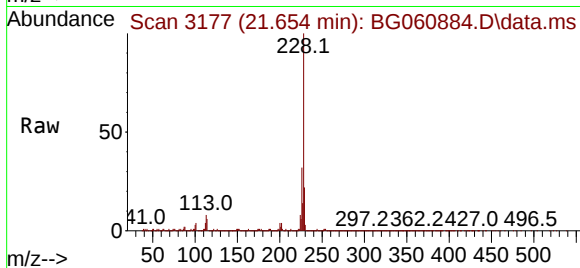
BNA_G

ClientSampleId :

OR-02-041124

Tgt Ion:228 Resp: 1779622

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.2	36.4
229	22.4	15.5	23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.750 min Scan# 3704

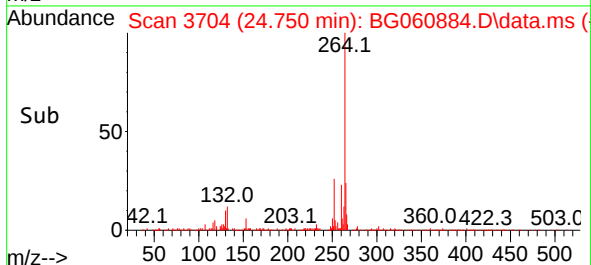
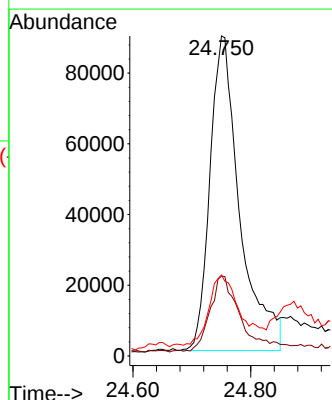
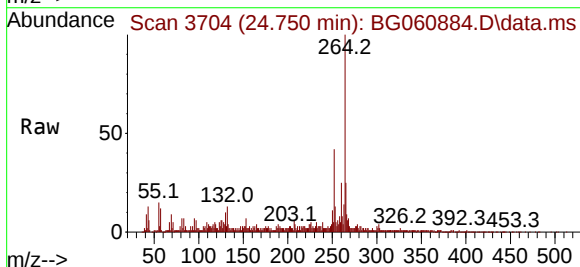
Delta R.T. 0.003 min

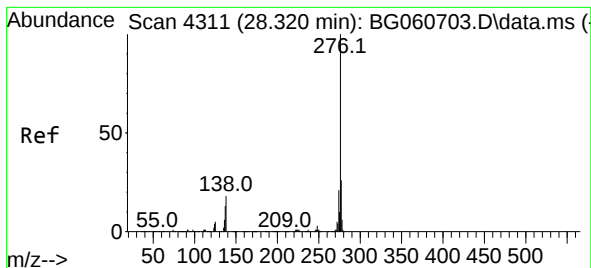
Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

Tgt Ion:264 Resp: 313497

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	25.3	16.9	25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.055 ng

RT: 28.328 min Scan# 41

Delta R.T. 0.008 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

Instrument :

BNA_G

ClientSampleId :

OR-02-041124

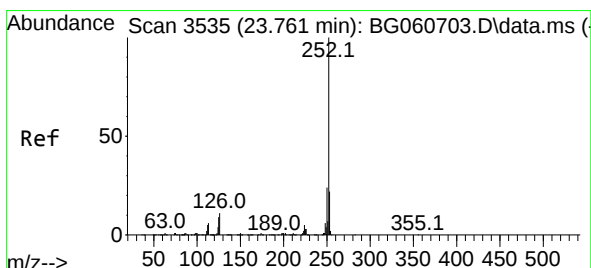
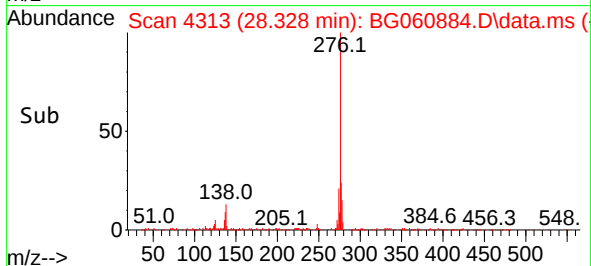
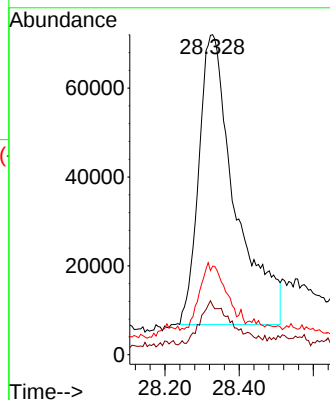
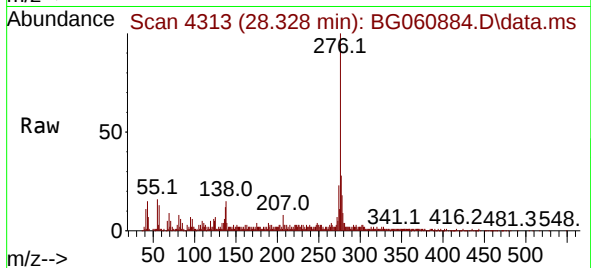
Tgt Ion:276 Resp: 442734

Ion Ratio Lower Upper

276 100

138 11.1 12.4 18.6#

277 17.5 20.2 30.2#



#88

Benzo(b)fluoranthene

Concen: 101.397 ng

RT: 23.769 min Scan# 3537

Delta R.T. 0.008 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

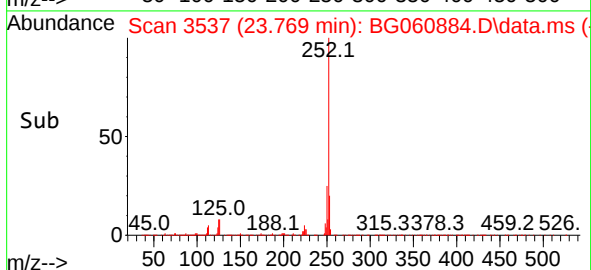
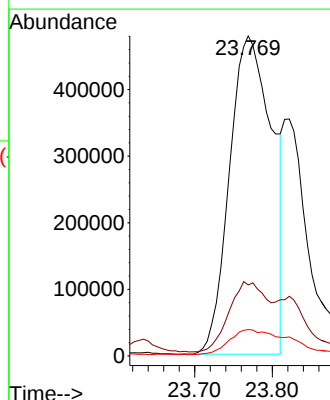
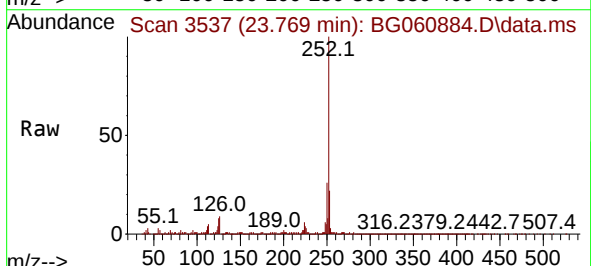
Tgt Ion:252 Resp: 1826191

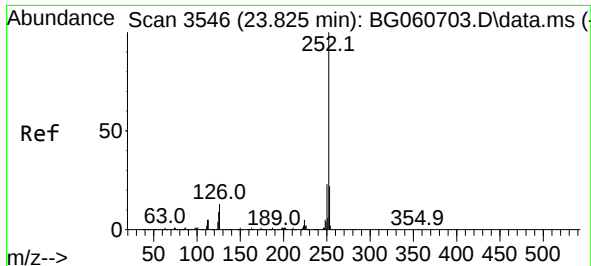
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.3 7.1 10.7

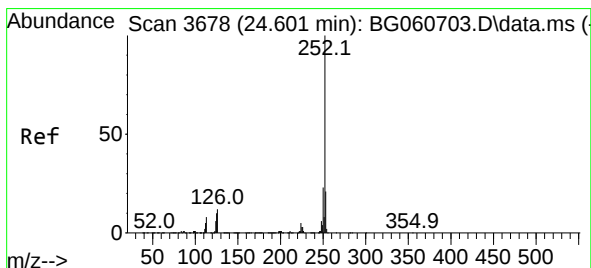
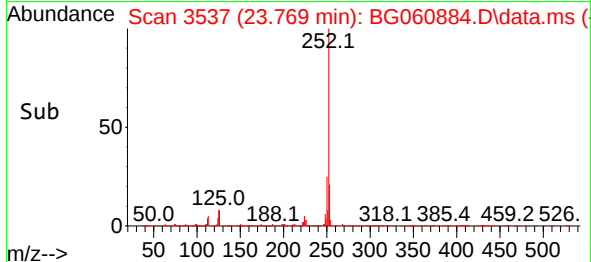
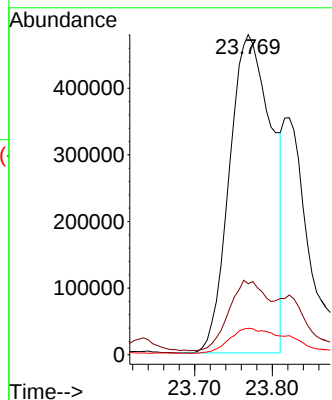
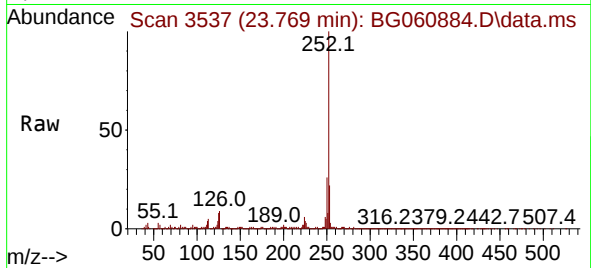




#89
Benzo(k)fluoranthene
Concen: 99.065 ng
RT: 23.769 min Scan# 31
Delta R.T. -0.056 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

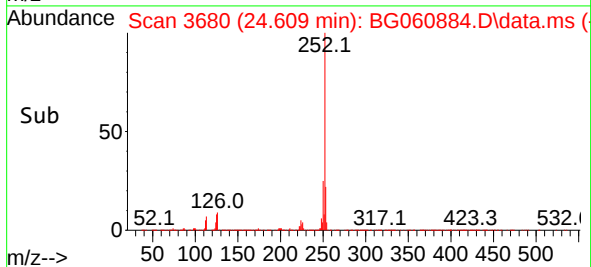
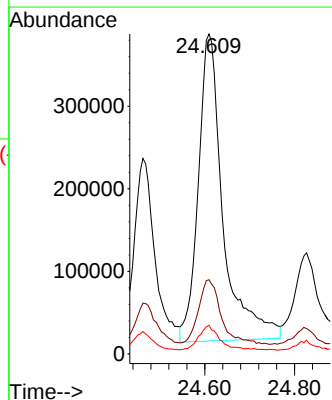
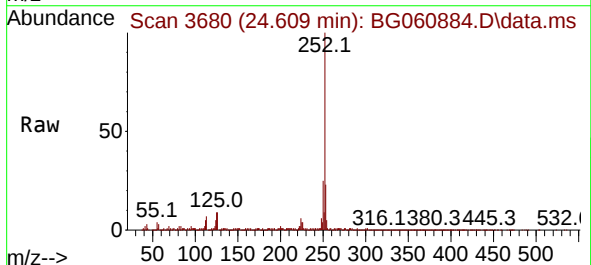
Instrument :
BNA_G
ClientSampleId :
OR-02-041124

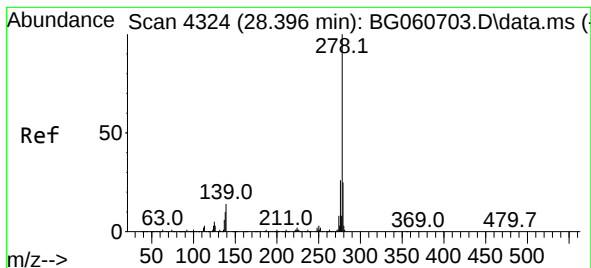
Tgt Ion:252 Resp: 1826191
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 8.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 81.271 ng
RT: 24.609 min Scan# 3680
Delta R.T. 0.008 min
Lab File: BG060884.D
Acq: 12 Apr 2024 21:47

Tgt Ion:252 Resp: 1422444
Ion Ratio Lower Upper
252 100
253 23.2 16.8 25.2
125 9.0 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 2.737 ng

RT: 28.369 min Scan# 41

Delta R.T. -0.027 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

Instrument :

BNA_G

ClientSampleId :

OR-02-041124

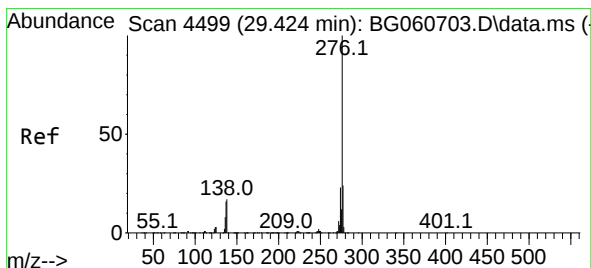
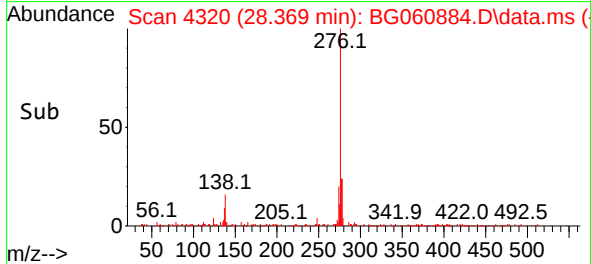
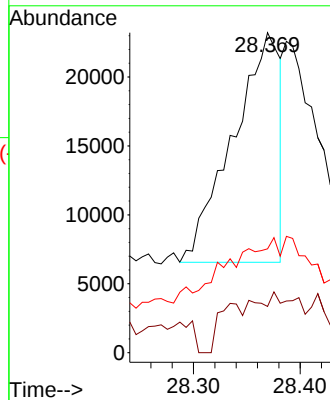
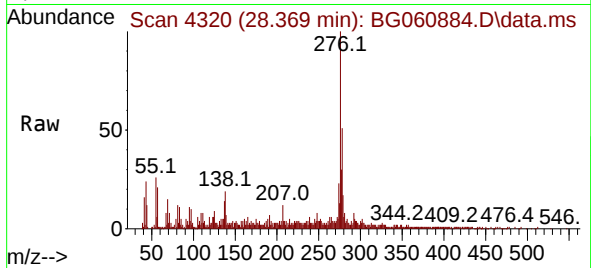
Tgt Ion:278 Resp: 50928

Ion Ratio Lower Upper

278 100

139 14.5 11.1 16.7

279 32.5 19.8 29.6#



#92

Benzo(g,h,i)perylene

Concen: 17.809 ng

RT: 29.427 min Scan# 4500

Delta R.T. 0.003 min

Lab File: BG060884.D

Acq: 12 Apr 2024 21:47

Tgt Ion:276 Resp: 322396

Ion Ratio Lower Upper

276 100

277 26.0 18.9 28.3

138 19.2 14.0 21.0

