

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054711.D
 Acq On : 23 Aug 2022 17:35
 Operator : CG/JU
 Sample : N4272-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124042

Quant Time: Aug 24 01:50:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

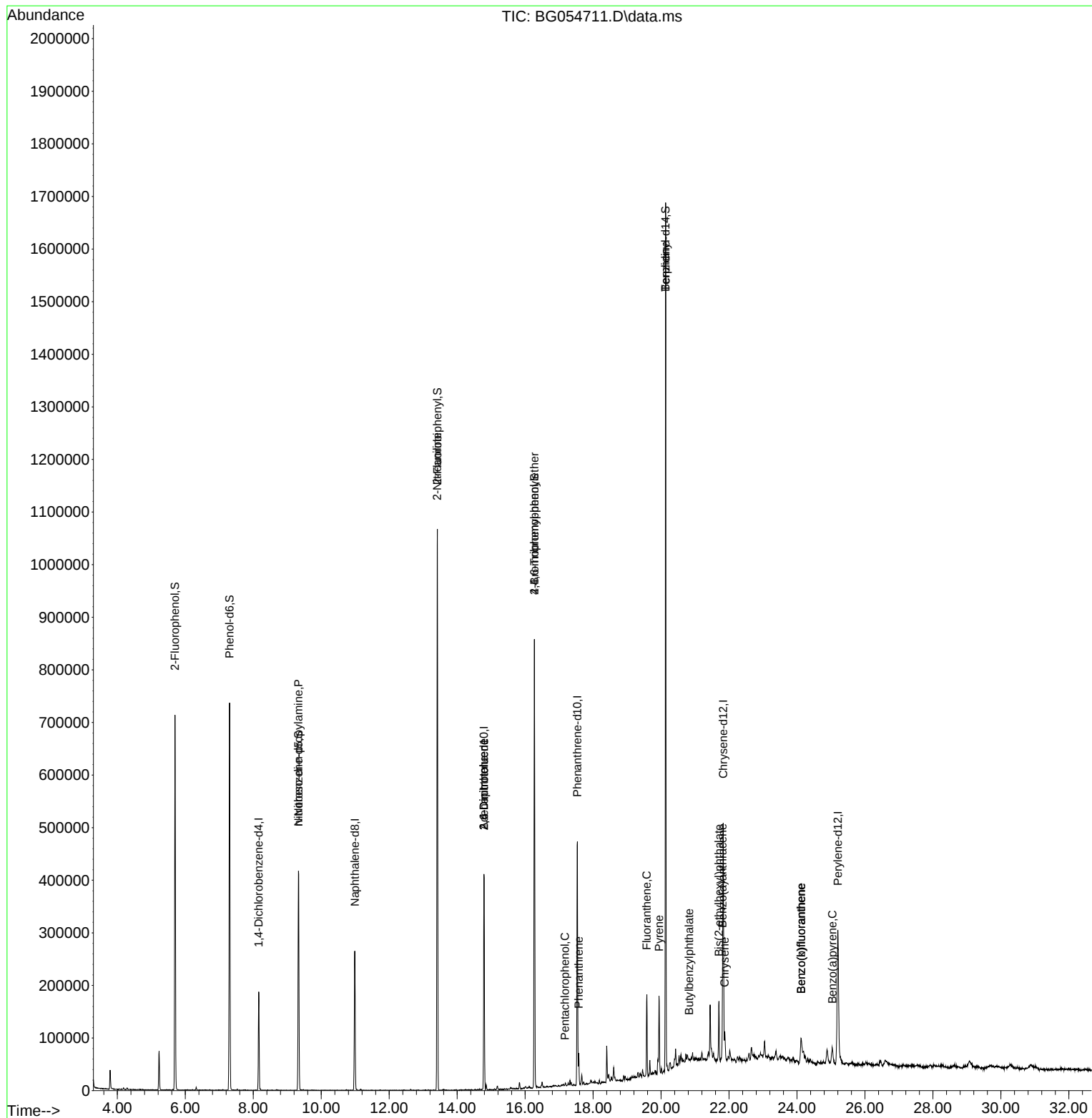
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	53876	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	229373	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	149176	20.000	ng	0.00
64) Phenanthrene-d10	17.537	188	302269	20.000	ng	0.00
76) Chrysene-d12	21.826	240	267040	20.000	ng	0.00
86) Perylene-d12	25.198	264	281099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	315824	110.466	ng	0.00
7) Phenol-d6	7.301	99	429766	107.279	ng	0.00
23) Nitrobenzene-d5	9.328	82	260769	64.789	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	167519	140.223	ng	0.00
45) 2-Fluorobiphenyl	13.418	172	567023	56.054	ng	0.00
79) Terphenyl-d14	20.133	244	789340	58.718	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.328	70	33458	11.871	ng	# 85
48) 2-Nitroaniline	13.412	65	1120	4.055	ng	# 1
51) 2,6-Dinitrotoluene	14.787	165	19930	10.909	ng	# 21
57) 2,4-Dinitrotoluene	14.787	165	19930	10.943	ng	# 19
67) 4-Bromophenyl-phenylether	16.273	248	11277	3.876	ng	# 1
70) Pentachlorophenol	17.172	266	54	7.148	ng	# 19
71) Phenanthrene	17.578	178	36056	2.238	ng	98
75) Fluoranthene	19.581	202	94132	4.956	ng	97
77) Benzidine	20.133	184	12160	2.097	ng	# 89
78) Pyrene	19.940	202	90892	4.825	ng	99
80) Butylbenzylphthalate	20.821	149	319	5.198	ng	# 90
81) Benzo(a)anthracene	21.808	228	43744	2.412	ng	99
83) Chrysene	21.873	228	39702	2.300	ng	98
84) Bis(2-ethylhexyl)phtha...	21.702	149	46446	8.706	ng	98
88) Benzo(b)fluoranthene	24.117	252	57880	3.316	ng	98
89) Benzo(k)fluoranthene	24.117	252	57880	3.213	ng	97
90) Benzo(a)pyrene	25.039	252	34379	2.295	ng	# 94

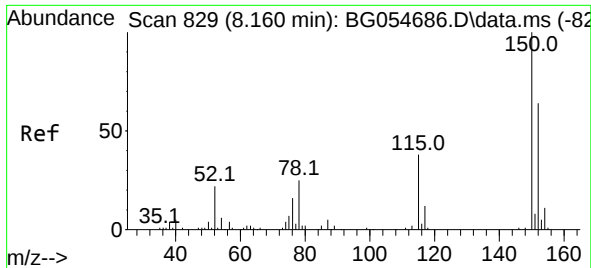
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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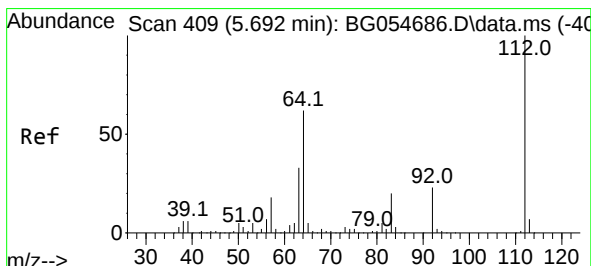
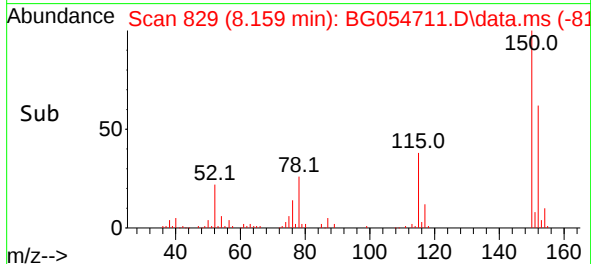
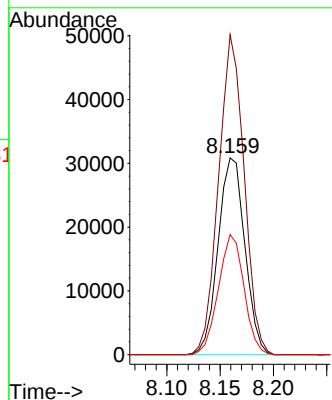
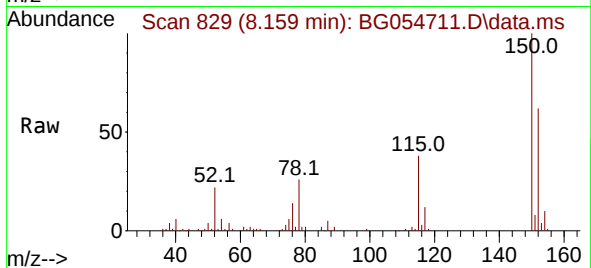




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

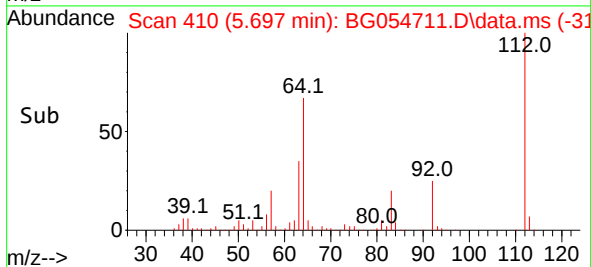
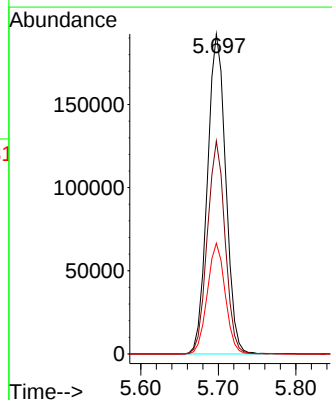
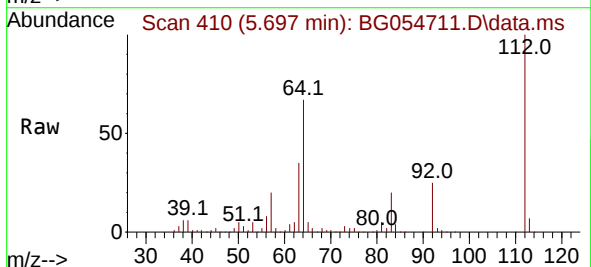
Instrument :
BNA_G
ClientSampleId :
PSC-124042

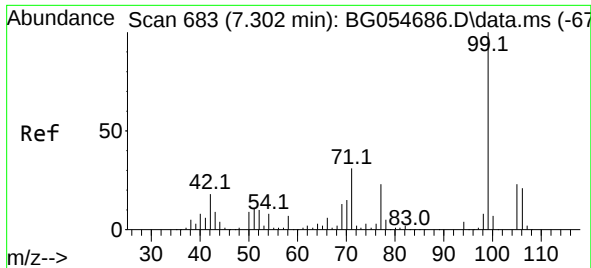
Tgt Ion:152 Resp: 53876
Ion Ratio Lower Upper
152 100
150 162.6 125.2 187.8
115 61.1 47.9 71.9



#5
2-Fluorophenol
Concen: 110.466 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.006 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

Tgt Ion:112 Resp: 315824
Ion Ratio Lower Upper
112 100
64 66.6 49.3 73.9
63 34.6 26.3 39.5

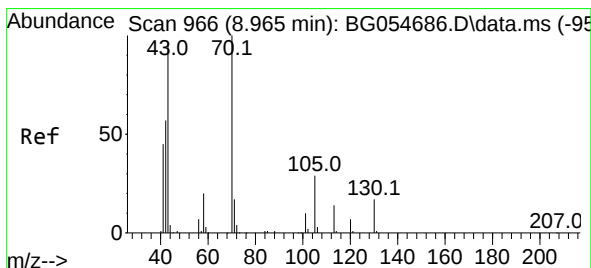
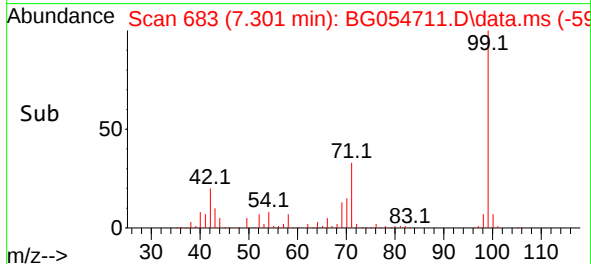
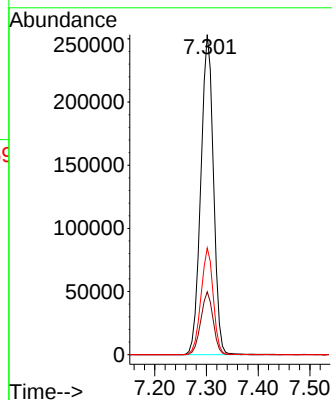
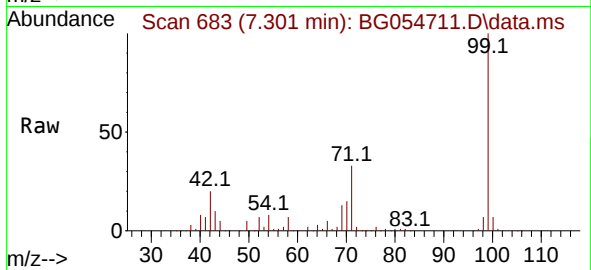




#7
Phenol-d6
Concen: 107.279 ng
RT: 7.301 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

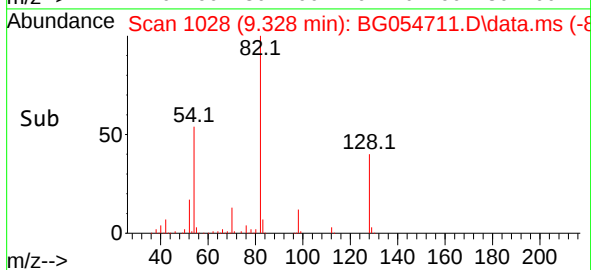
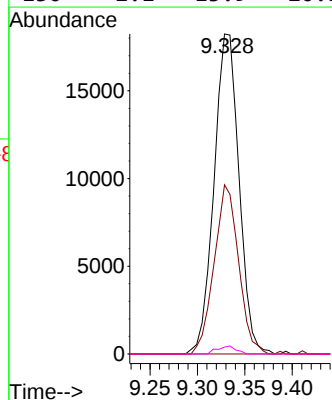
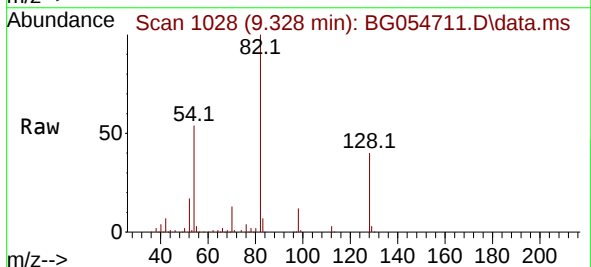
Instrument :
BNA_G
ClientSampleId :
PSC-124042

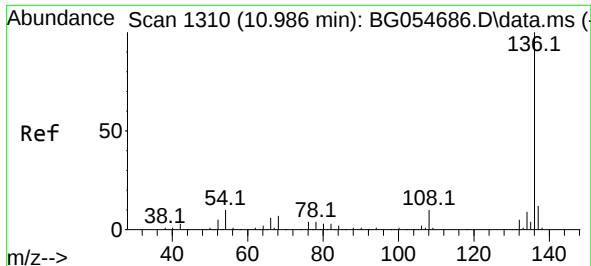
Tgt Ion: 99 Resp: 429766
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 33.3 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.871 ng
RT: 9.328 min Scan# 1028
Delta R.T. 0.364 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

Tgt Ion: 70 Resp: 33458
Ion Ratio Lower Upper
70 100
42 52.9 46.6 69.8
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#

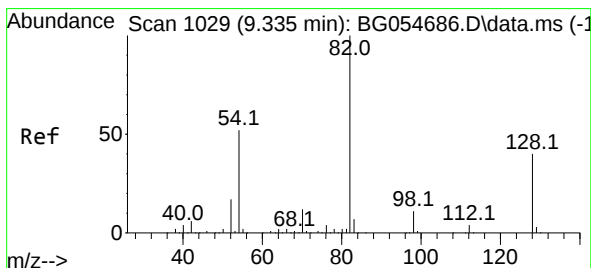
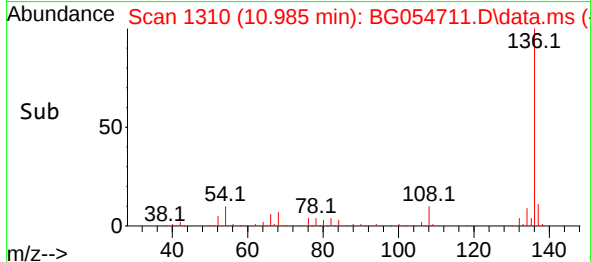
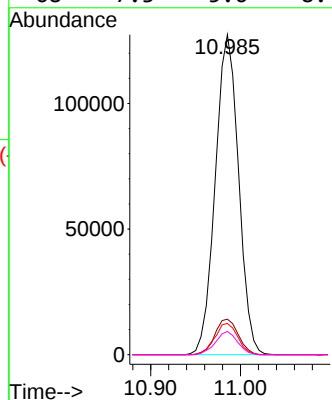
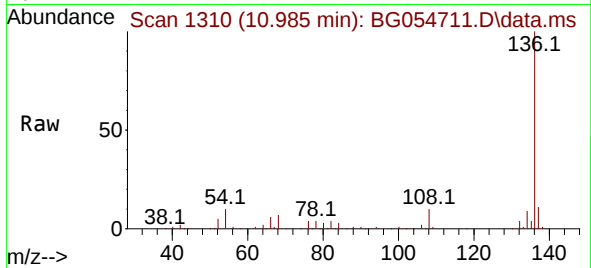




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

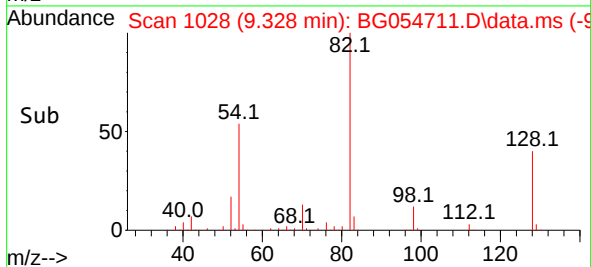
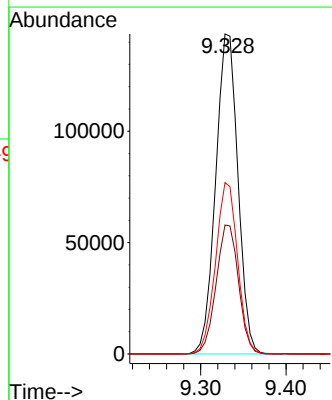
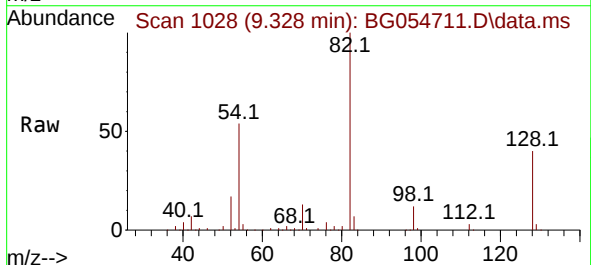
Instrument :
BNA_G
ClientSampleId :
PSC-124042

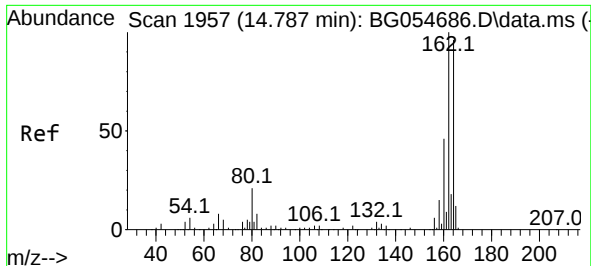
Tgt Ion:	136	Resp:	229373
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	9.7	7.7	11.5
68	7.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 64.789 ng
RT: 9.328 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

Tgt Ion:	82	Resp:	260769
Ion Ratio	Lower	Upper	
82	100		
128	40.3	32.2	48.2
54	53.6	41.4	62.0

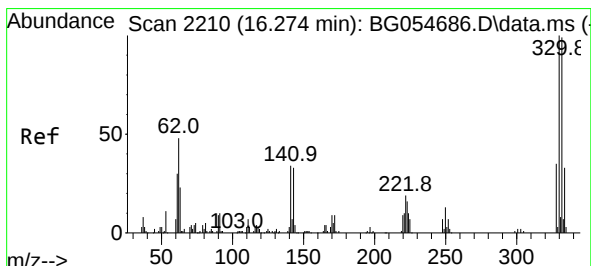
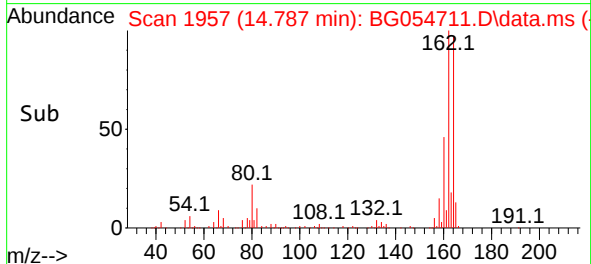
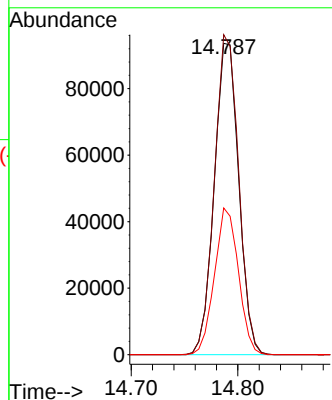
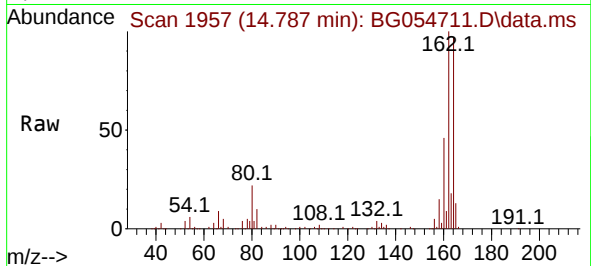




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

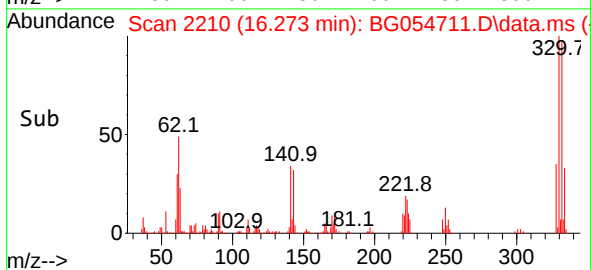
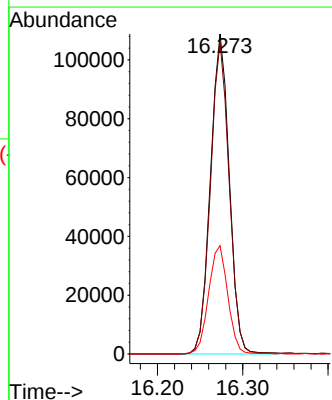
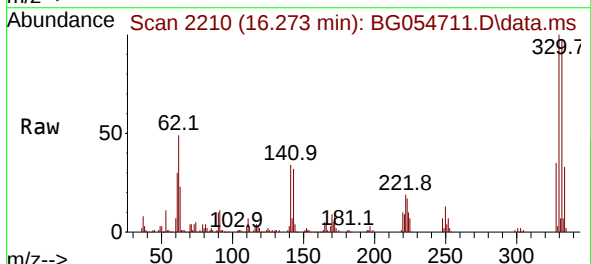
Instrument :
BNA_G
ClientSampleId :
PSC-124042

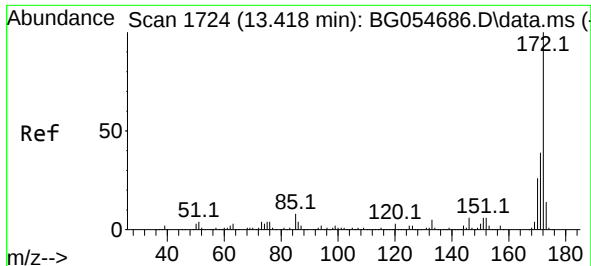
Tgt Ion:164 Resp: 149176
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.4
160 47.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 140.223 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

Tgt Ion:330 Resp: 167519
Ion Ratio Lower Upper
330 100
332 96.5 79.8 119.6
141 34.5 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 56.054 ng

RT: 13.418 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG054711.D

Acq: 23 Aug 2022 17:35

Instrument :

BNA_G

ClientSampleId :

PSC-124042

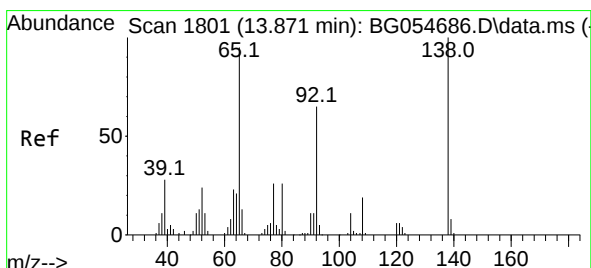
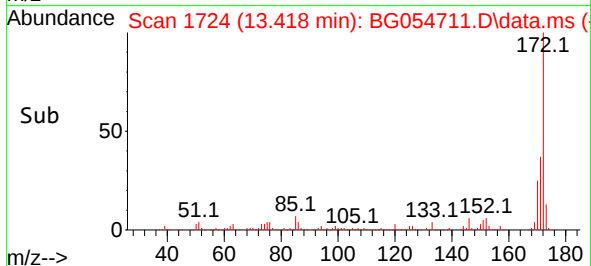
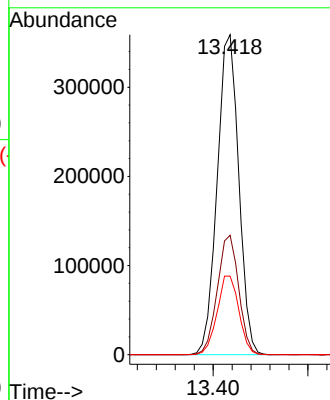
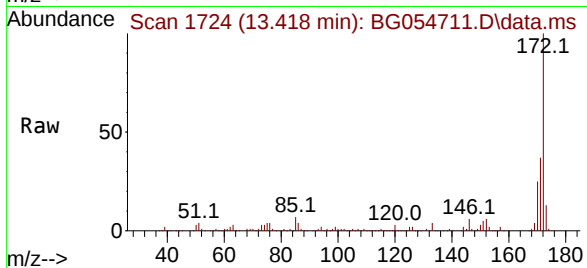
Tgt Ion:172 Resp: 567023

Ion Ratio Lower Upper

172 100

171 37.3 31.2 46.8

170 24.6 20.6 30.8



#48

2-Nitroaniline

Concen: 4.055 ng

RT: 13.412 min Scan# 1723

Delta R.T. -0.459 min

Lab File: BG054711.D

Acq: 23 Aug 2022 17:35

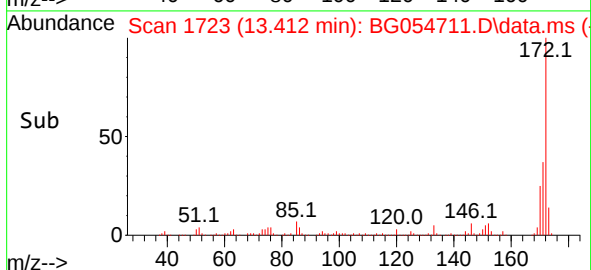
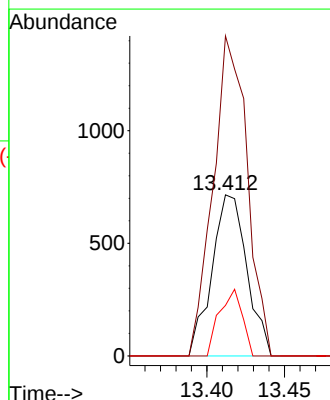
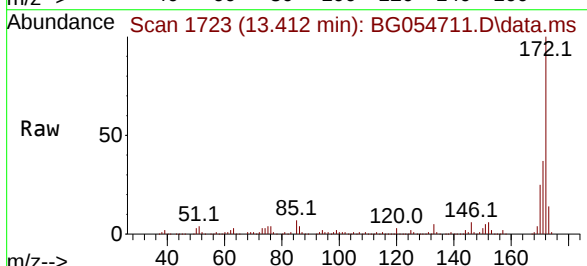
Tgt Ion: 65 Resp: 1120

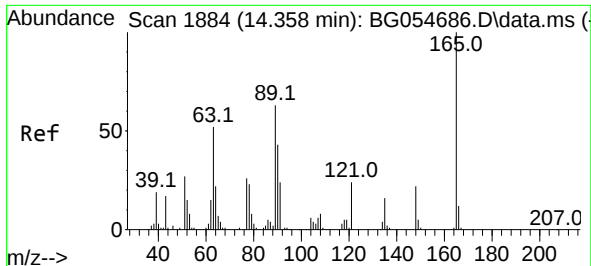
Ion Ratio Lower Upper

65 100

92 198.7 54.7 82.1#

138 31.3 84.1 126.1#

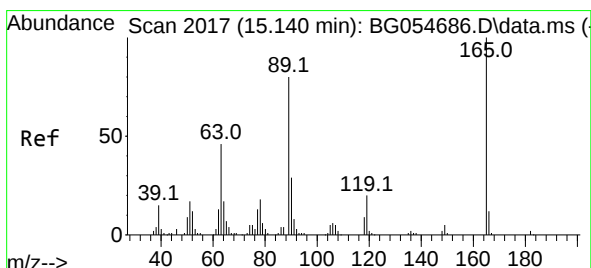
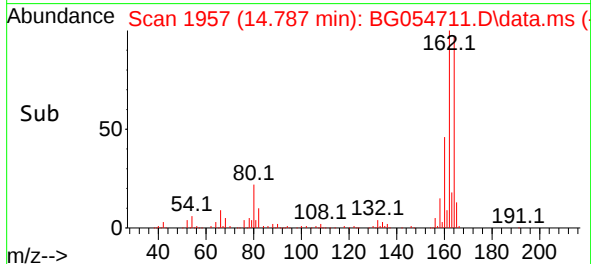
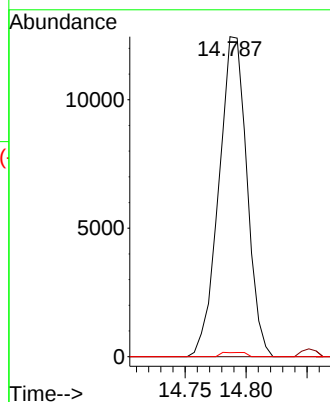
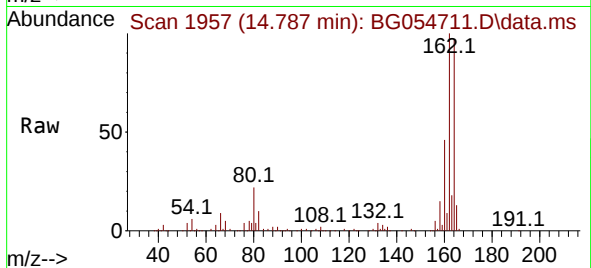




#51
2,6-Dinitrotoluene
Concen: 10.909 ng
RT: 14.787 min Scan# 1957
Delta R.T. 0.429 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

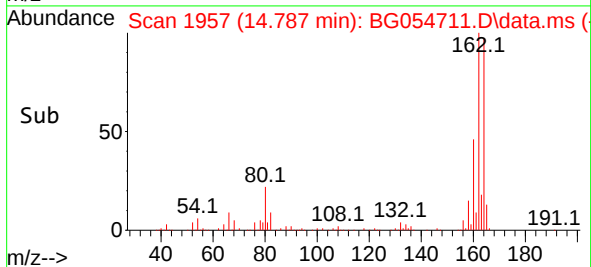
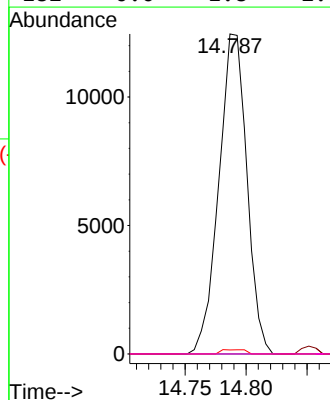
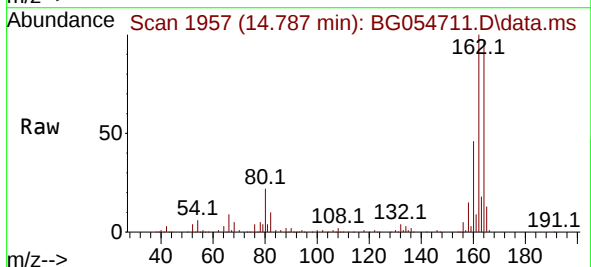
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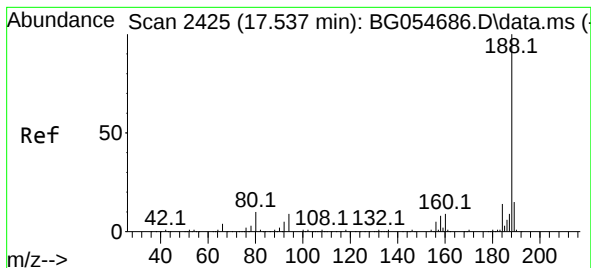
Tgt Ion:165 Resp: 19930
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 1.3 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 10.943 ng
RT: 14.787 min Scan# 1957
Delta R.T. -0.353 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

Tgt Ion:165 Resp: 19930
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 1.3 64.3 96.5#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.537 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG054711.D

Acq: 23 Aug 2022 17:35

Instrument :

BNA_G

ClientSampleId :

PSC-124042

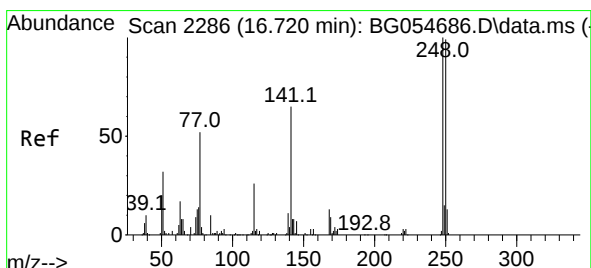
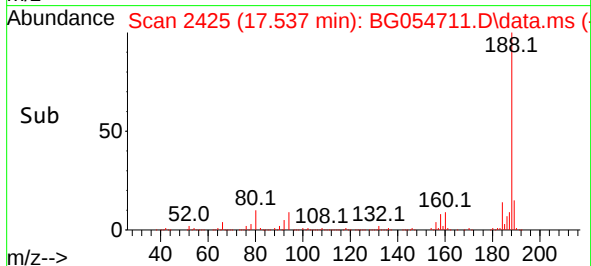
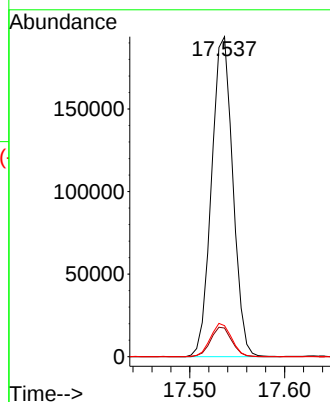
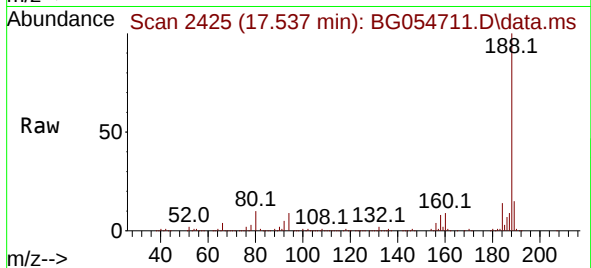
Tgt Ion:188 Resp: 302269

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.7 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.876 ng

RT: 16.273 min Scan# 2210

Delta R.T. -0.447 min

Lab File: BG054711.D

Acq: 23 Aug 2022 17:35

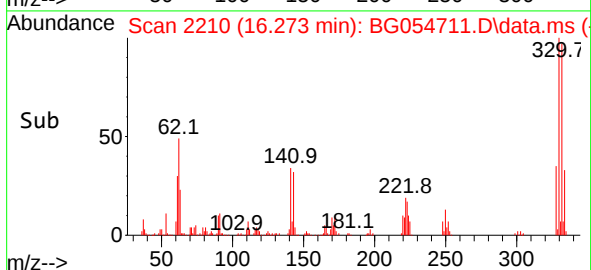
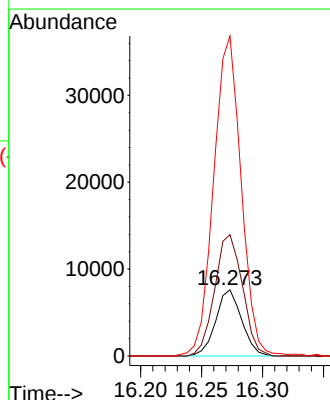
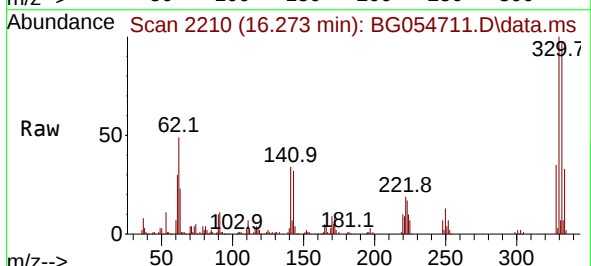
Tgt Ion:248 Resp: 11277

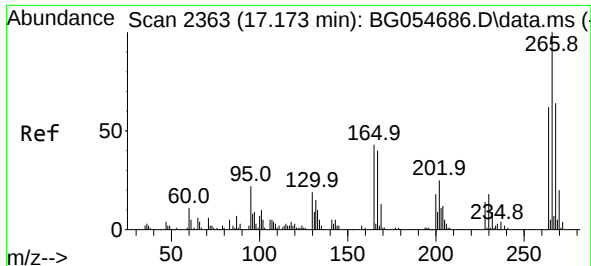
Ion Ratio Lower Upper

248 100

250 183.5 78.8 118.2#

141 484.1 51.9 77.9#

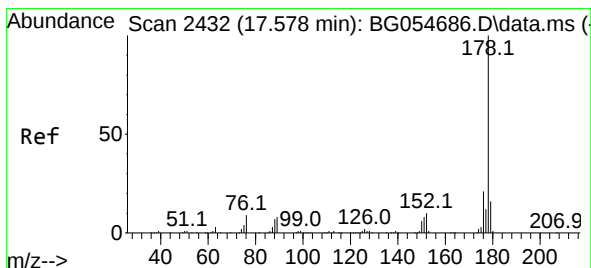
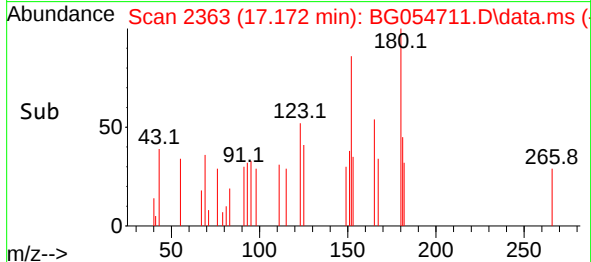
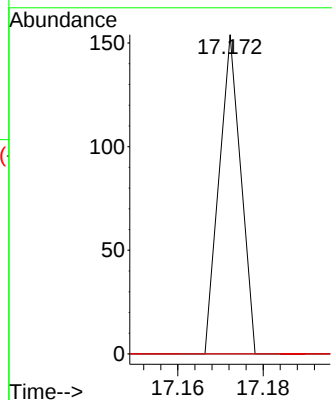
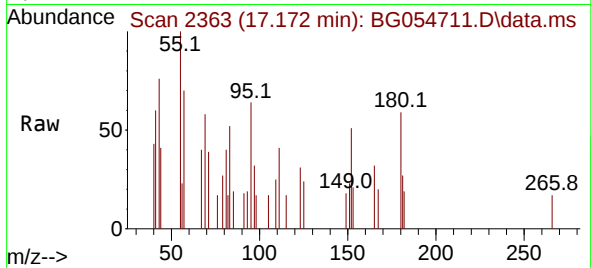




#70
 Pentachlorophenol
 Concen: 7.148 ng
 RT: 17.172 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054711.D
 Acq: 23 Aug 2022 17:35

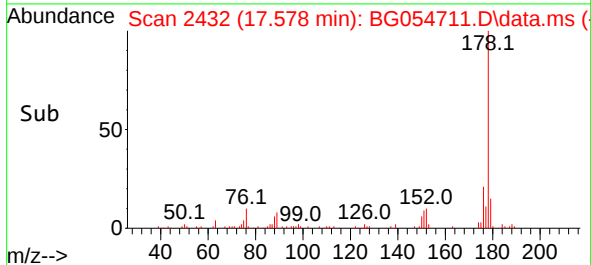
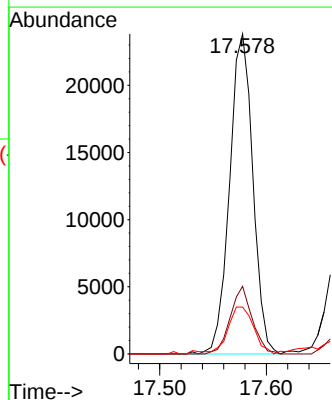
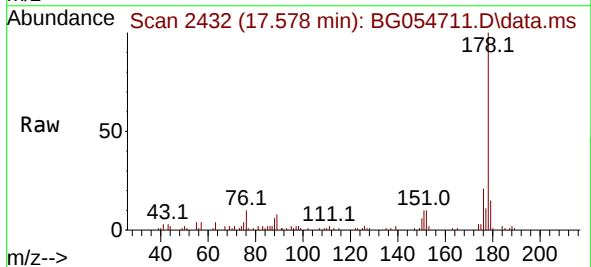
Instrument :
 BNA_G
 ClientSampleId :
 PSC-124042

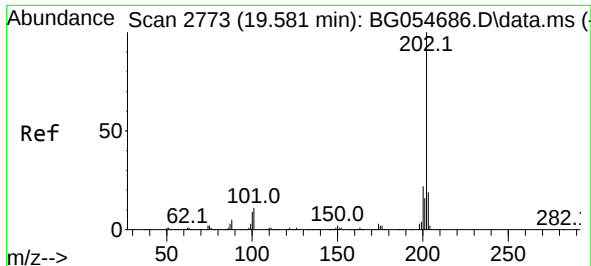
Tgt Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.2 76.8#
 264 0.0 49.4 74.0#



#71
 Phenanthrene
 Concen: 2.238 ng
 RT: 17.578 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BG054711.D
 Acq: 23 Aug 2022 17:35

Tgt Ion:178 Resp: 36056
 Ion Ratio Lower Upper
 178 100
 176 21.2 16.6 25.0
 179 14.7 12.8 19.2

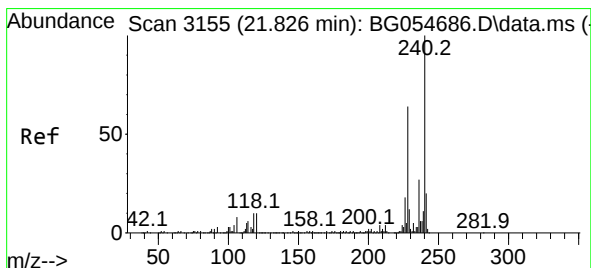
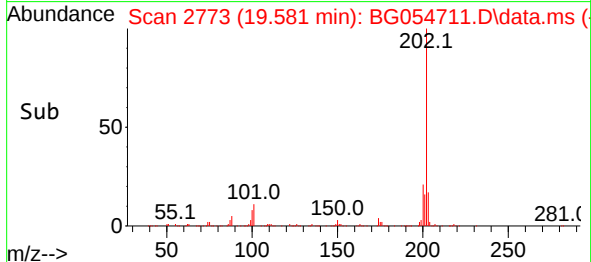
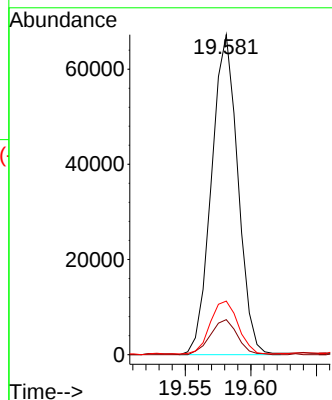
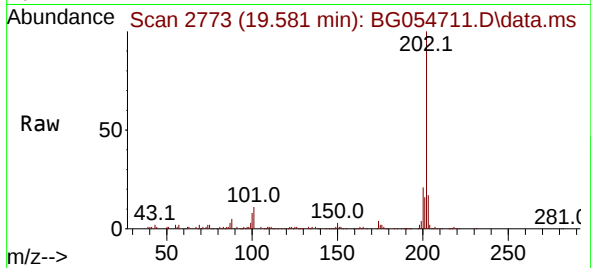




#75
Fluoranthene
Concen: 4.956 ng
RT: 19.581 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

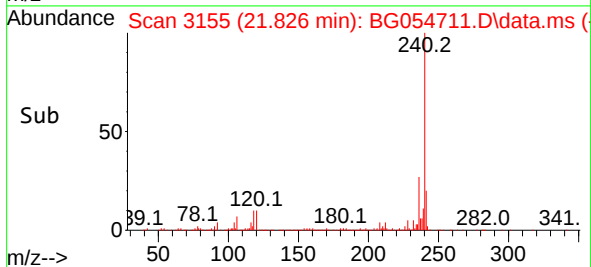
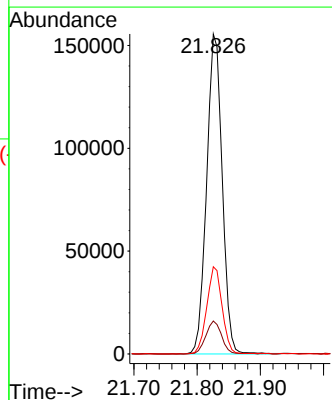
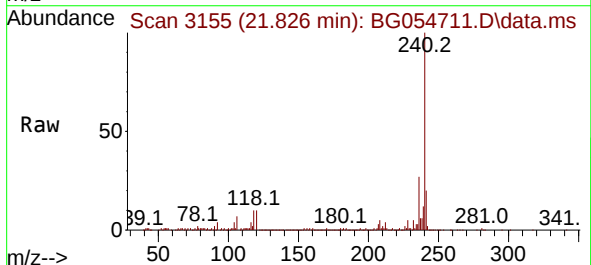
Instrument :
BNA_G
ClientSampleId :
PSC-124042

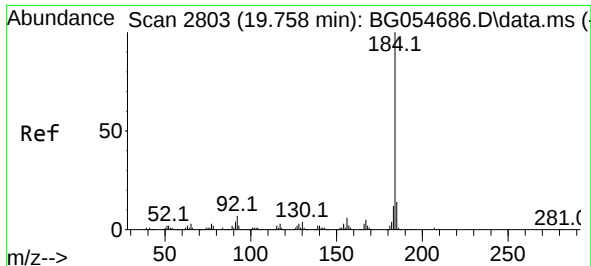
Tgt Ion:202 Resp: 94132
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 16.8 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.826 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

Tgt Ion:240 Resp: 267040
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 27.2 21.2 31.8

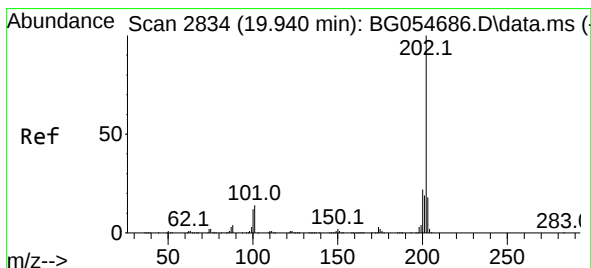
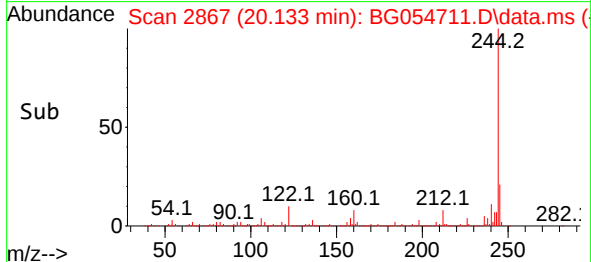
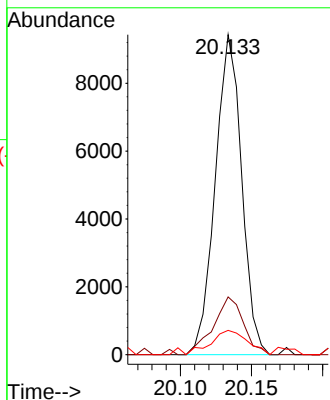
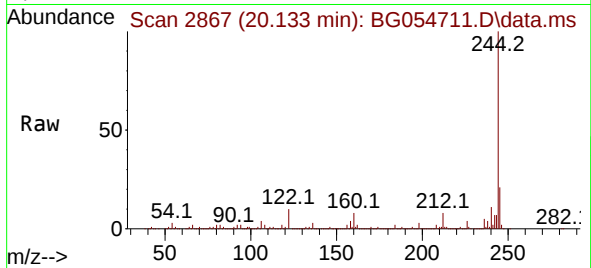




#77
Benzidine
Concen: 2.097 ng
RT: 20.133 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

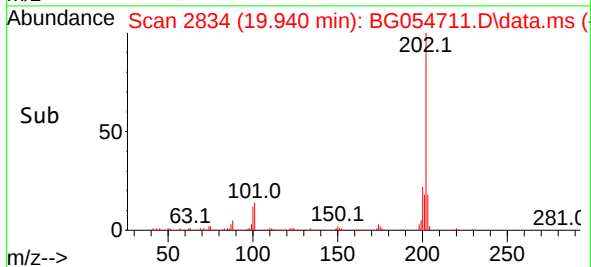
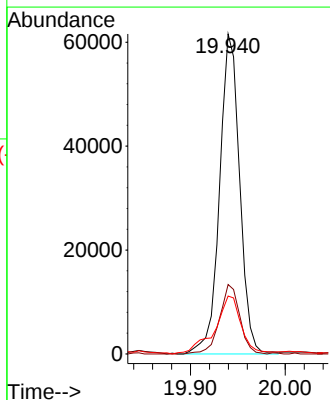
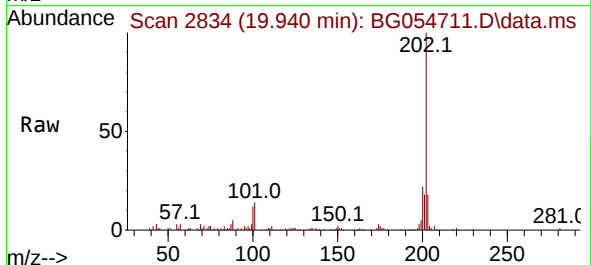
Instrument :
BNA_G
ClientSampleId :
PSC-124042

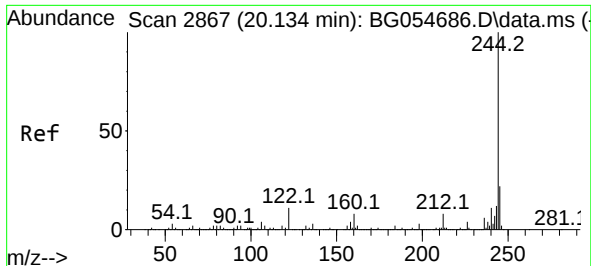
Tgt Ion:184 Resp: 12160
Ion Ratio Lower Upper
184 100
185 18.0 11.4 17.0#
183 7.6 9.8 14.8#



#78
Pyrene
Concen: 4.825 ng
RT: 19.940 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

Tgt Ion:202 Resp: 90892
Ion Ratio Lower Upper
202 100
200 21.7 17.8 26.6
203 18.1 14.6 21.8

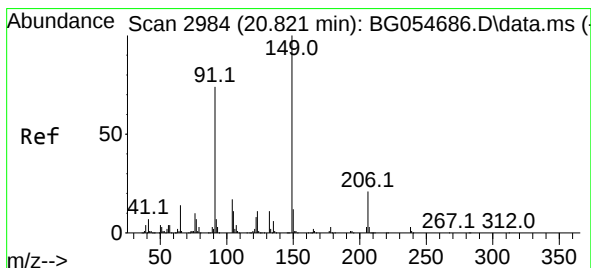
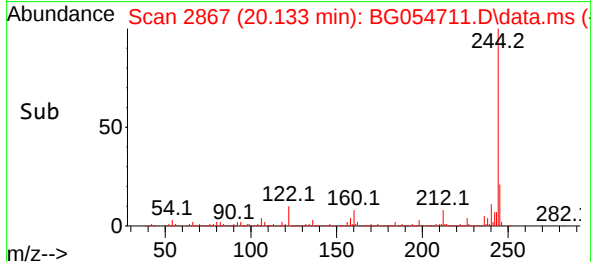
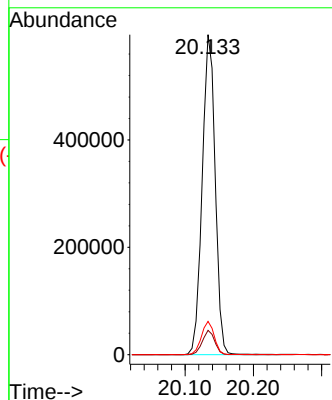
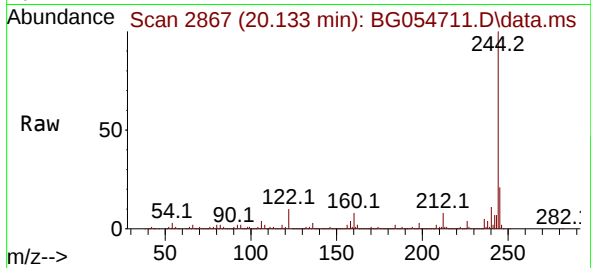




#79
 Terphenyl-d14
 Concen: 58.718 ng
 RT: 20.133 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054711.D
 Acq: 23 Aug 2022 17:35

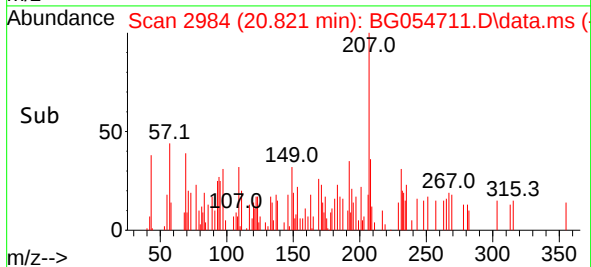
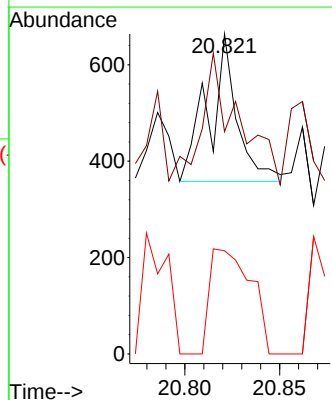
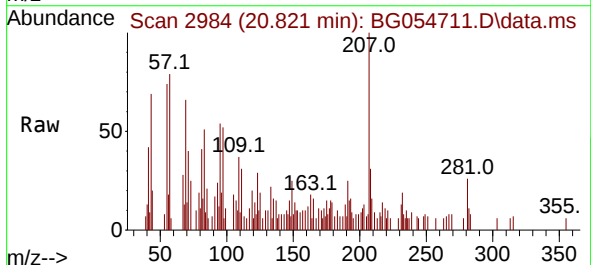
Instrument :
 BNA_G
 ClientSampleId :
 PSC-124042

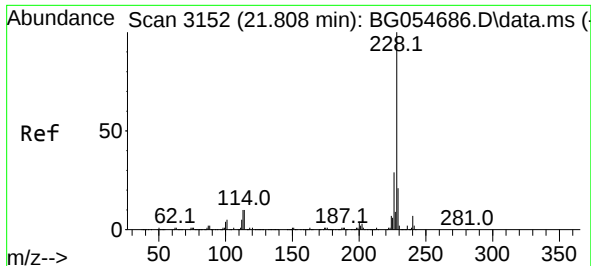
Tgt Ion:244 Resp: 789340
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.4 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 5.198 ng
 RT: 20.821 min Scan# 2984
 Delta R.T. -0.000 min
 Lab File: BG054711.D
 Acq: 23 Aug 2022 17:35

Tgt Ion:149 Resp: 319
 Ion Ratio Lower Upper
 149 100
 91 69.4 59.5 89.3
 206 32.2 16.6 25.0#

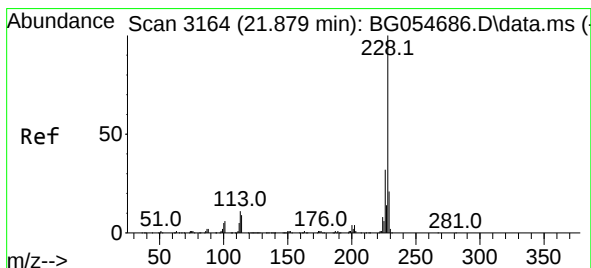
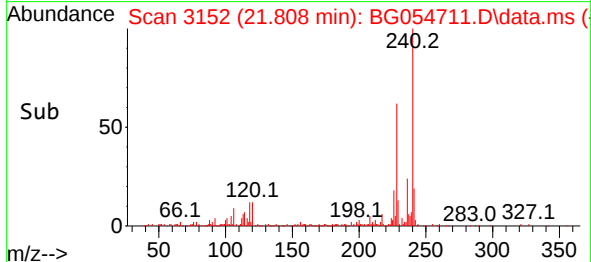
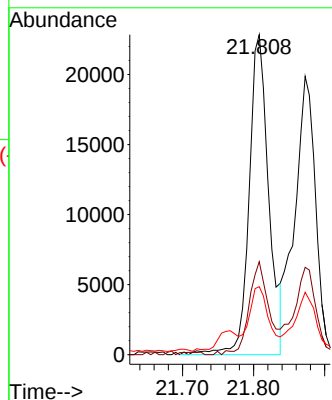
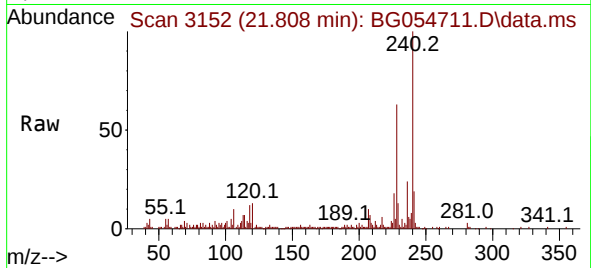




#81
Benzo(a)anthracene
Concen: 2.412 ng
RT: 21.808 min Scan# 3152
Delta R.T. -0.000 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

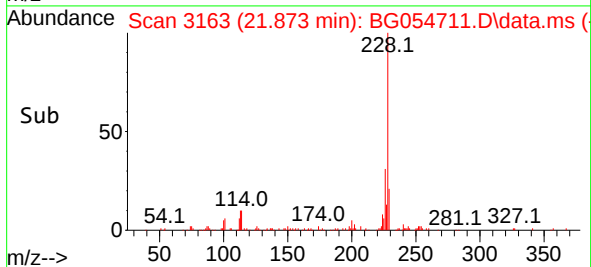
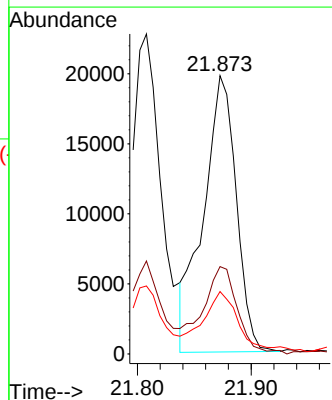
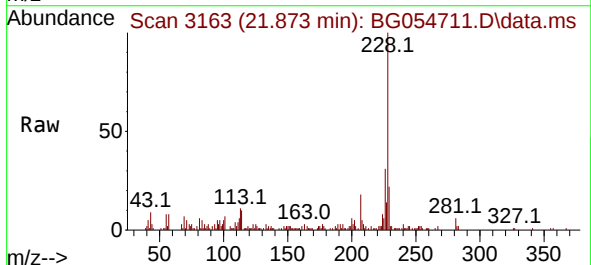
Instrument :
BNA_G
ClientSampleId :
PSC-124042

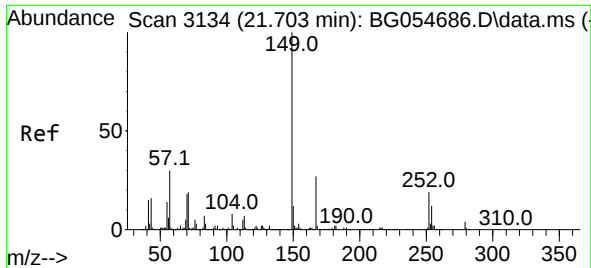
Tgt Ion:228 Resp: 43744
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 21.3 16.5 24.7



#83
Chrysene
Concen: 2.300 ng
RT: 21.873 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

Tgt Ion:228 Resp: 39702
Ion Ratio Lower Upper
228 100
226 31.4 25.5 38.3
229 22.4 16.8 25.2

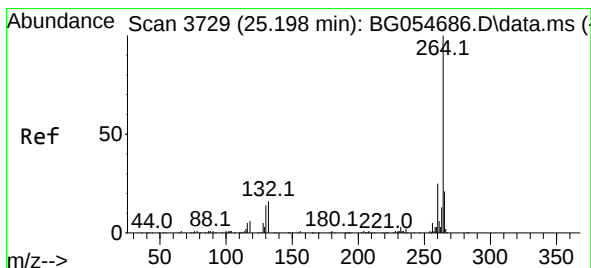
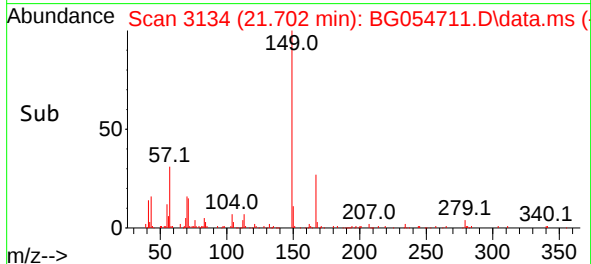
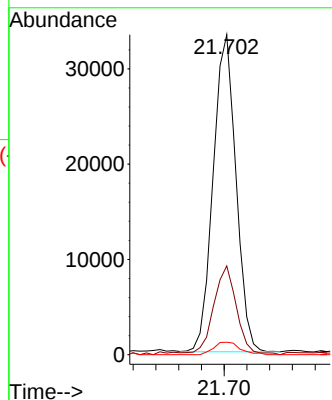
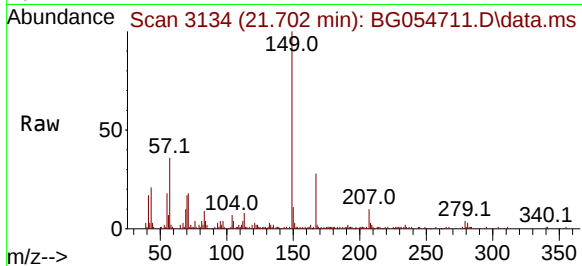




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.706 ng
 RT: 21.702 min Scan# 3134
 Delta R.T. -0.001 min
 Lab File: BG054711.D
 Acq: 23 Aug 2022 17:35

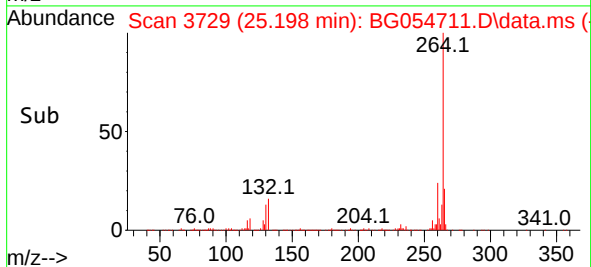
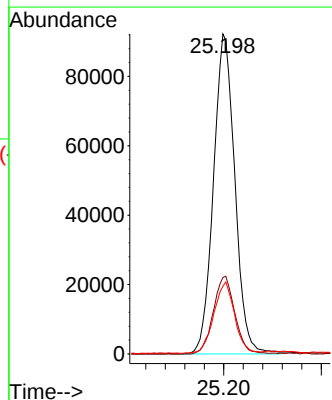
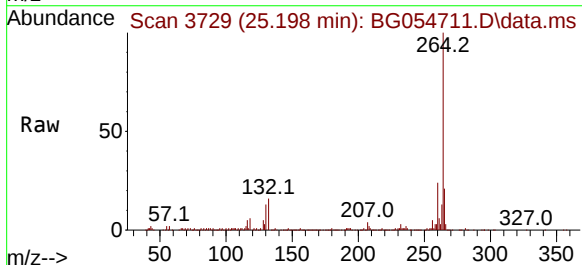
Instrument :
 BNA_G
 ClientSampleId :
 PSC-124042

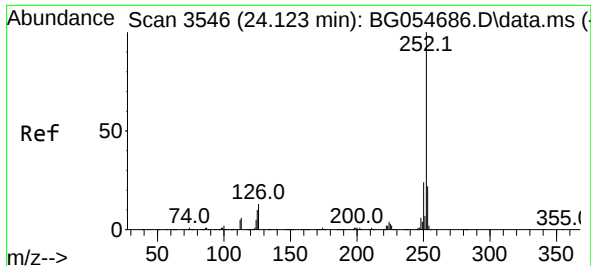
Tgt Ion:149 Resp: 46446
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.4 32.0
 279 3.9 3.1 4.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.198 min Scan# 3729
 Delta R.T. -0.000 min
 Lab File: BG054711.D
 Acq: 23 Aug 2022 17:35

Tgt Ion:264 Resp: 281099
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 21.1 16.9 25.3

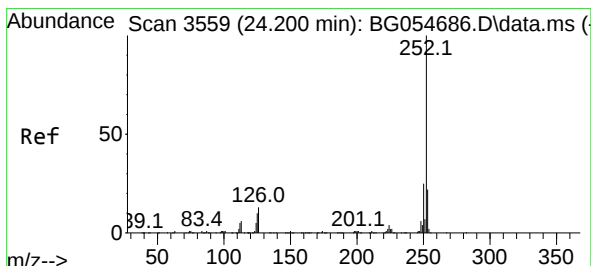
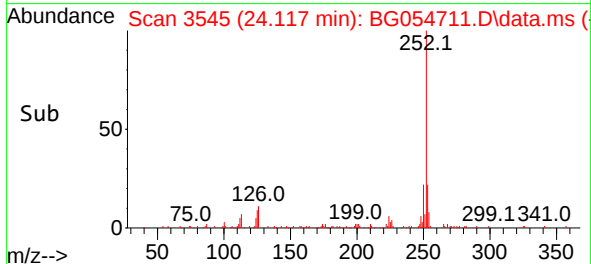
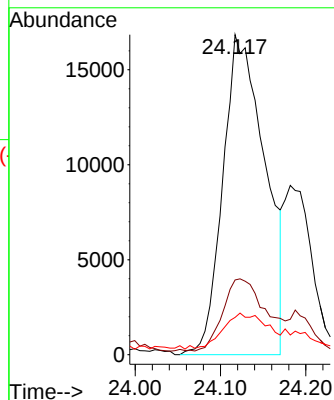
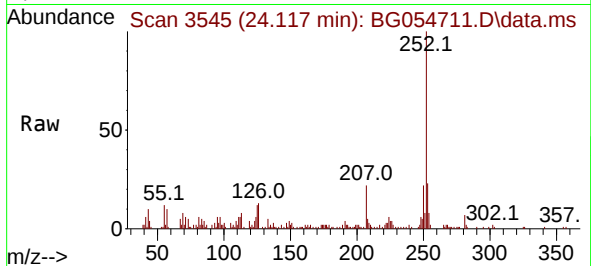




#88
Benzo(b)fluoranthene
Concen: 3.316 ng
RT: 24.117 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

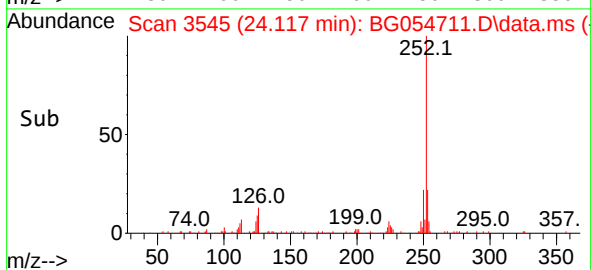
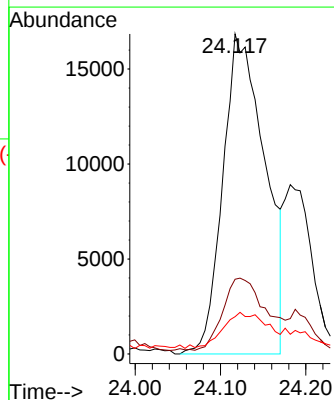
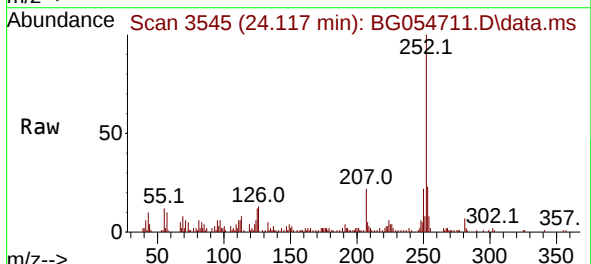
Instrument :
BNA_G
ClientSampleId :
PSC-124042

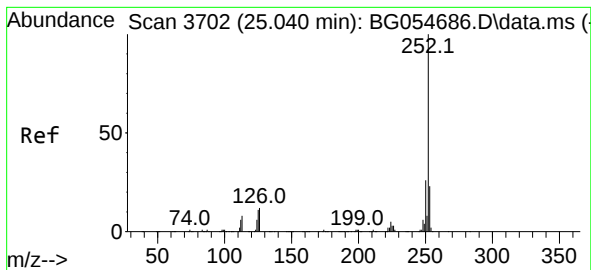
Tgt Ion:252 Resp: 57880
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 11.6 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 3.213 ng
RT: 24.117 min Scan# 3545
Delta R.T. -0.083 min
Lab File: BG054711.D
Acq: 23 Aug 2022 17:35

Tgt Ion:252 Resp: 57880
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 11.6 8.2 12.4





#90

Benzo(a)pyrene

Concen: 2.295 ng

RT: 25.039 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG054711.D

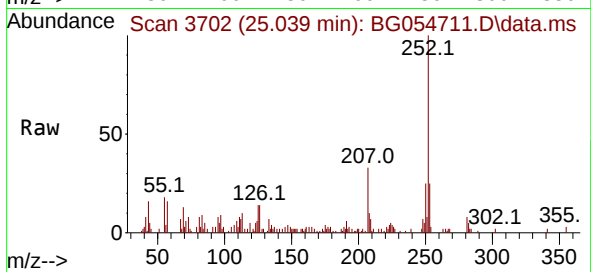
Acq: 23 Aug 2022 17:35

Instrument :

BNA_G

ClientSampleId :

PSC-124042



Tgt Ion:252 Resp: 34379

Ion Ratio Lower Upper

252 100

253 25.4 18.3 27.5

125 13.7 8.8 13.2#

