

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054351.D
 Acq On : 21 Jul 2022 19:11
 Operator : CG/JU
 Sample : N3786-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-12EA

Quant Time: Jul 22 02:37:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

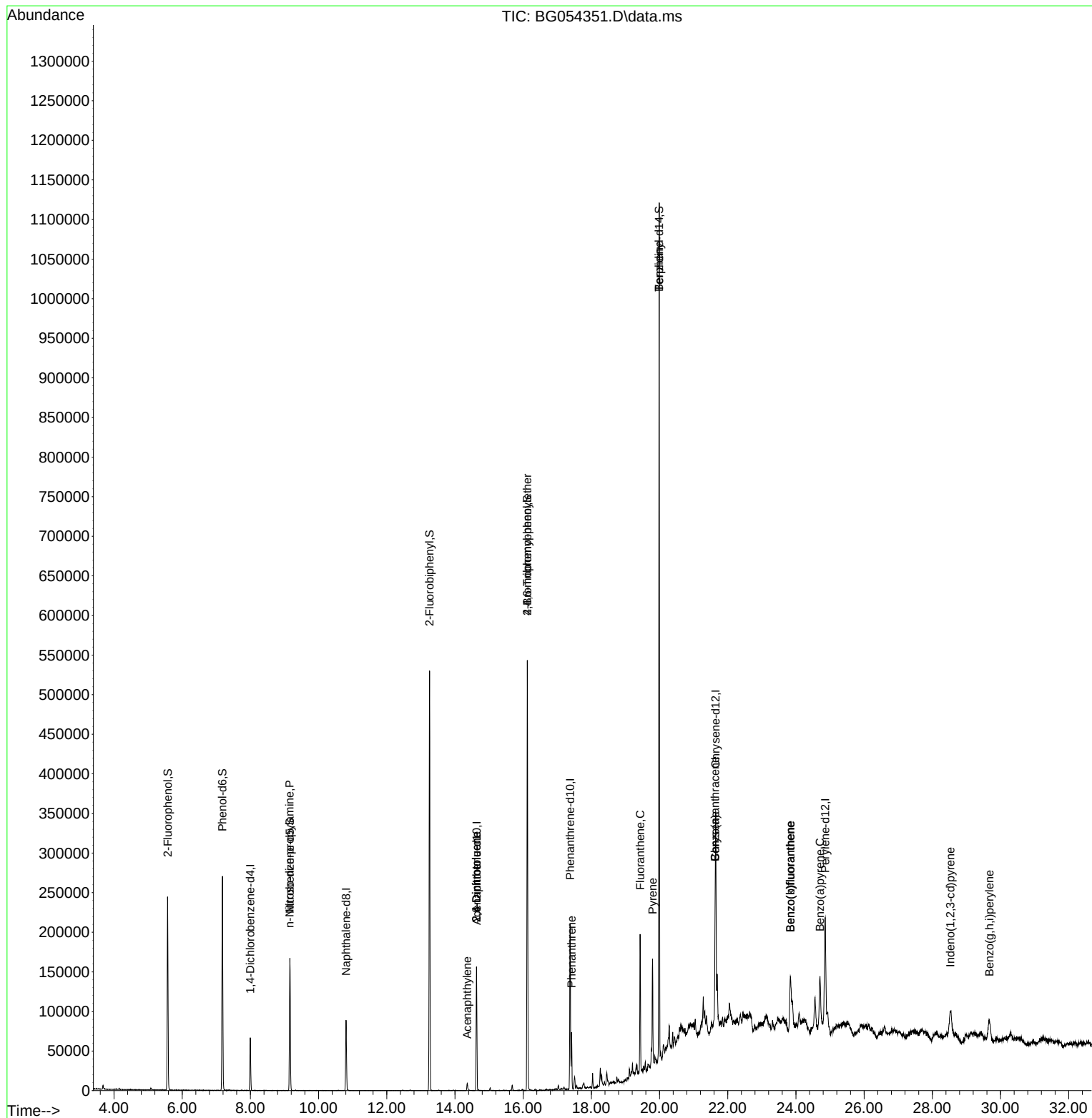
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	20791	20.000	ng	0.00
21) Naphthalene-d8	10.806	136	80088	20.000	ng	# 0.00
39) Acenaphthene-d10	14.636	164	63820	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	155308	20.000	ng	# 0.00
76) Chrysene-d12	21.646	240	161848	20.000	ng	# 0.00
86) Perylene-d12	24.860	264	173630	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	111320	111.790	ng	0.00
7) Phenol-d6	7.180	99	151449	110.994	ng	0.00
23) Nitrobenzene-d5	9.160	82	101293	68.876	ng	0.00
42) 2,4,6-Tribromophenol	16.123	330	142486	106.334	ng	0.00
45) 2-Fluorobiphenyl	13.256	172	307672	68.009	ng	0.00
79) Terphenyl-d14	19.989	244	594237	72.837	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.180	77	287	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.155	70	14528	15.944	ng	# 80
49) Acenaphthylene	14.360	152	12056	2.221	ng	98
51) 2,6-Dinitrotoluene	14.631	165	8773	8.024	ng	# 16
57) 2,4-Dinitrotoluene	14.631	165	8773	5.597	ng	# 21
67) 4-Bromophenyl-phenylether	16.123	248	8779	4.025	ng	# 1
71) Phenanthrene	17.421	178	50591	6.541	ng	99
75) Fluoranthene	19.431	202	114136	10.826	ng	95
77) Benzidine	19.989	184	8042	2.744	ng	# 95
78) Pyrene	19.795	202	95743	10.310	ng	98
81) Benzo(a)anthracene	21.628	228	63710	6.201	ng	95
83) Chrysene	21.628	228	63710	6.564	ng	97
87) Indeno(1,2,3-cd)pyrene	28.532	276	62387	4.723	ng	# 94
88) Benzo(b)fluoranthene	23.837	252	96309	9.379	ng	99
89) Benzo(k)fluoranthene	23.837	252	96309	9.424	ng	99
90) Benzo(a)pyrene	24.707	252	76829	8.761	ng	# 96
92) Benzo(g,h,i)perylene	29.678	276	62322	5.814	ng	# 93

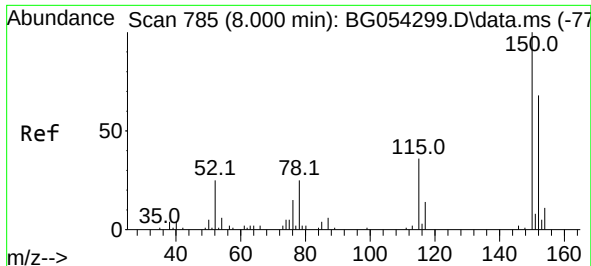
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
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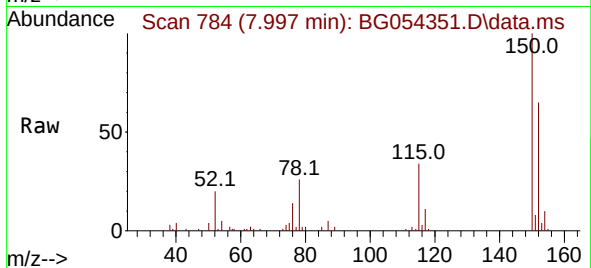
Quant Time: Jul 22 02:37:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration



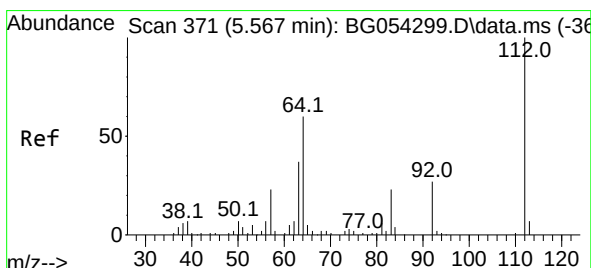
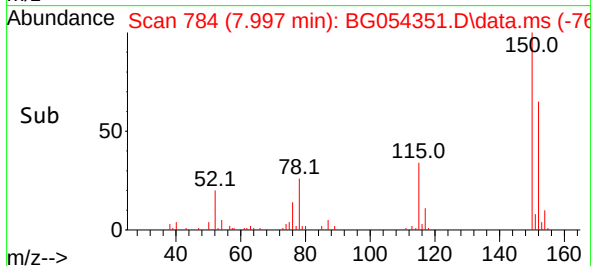
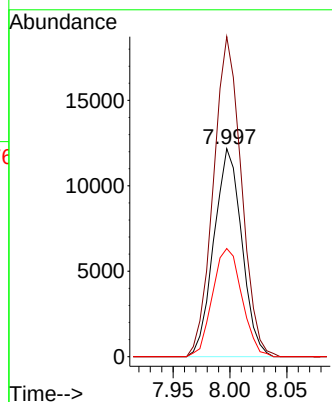


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.997 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-12EA

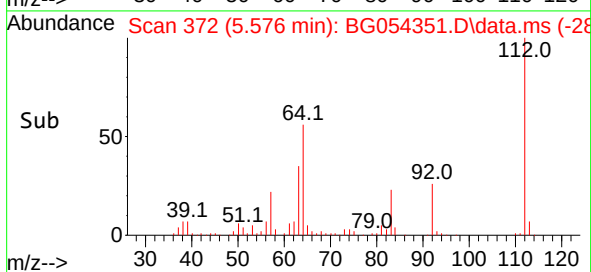
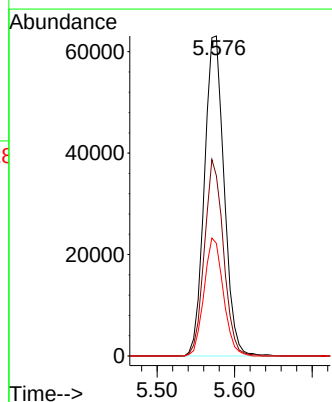
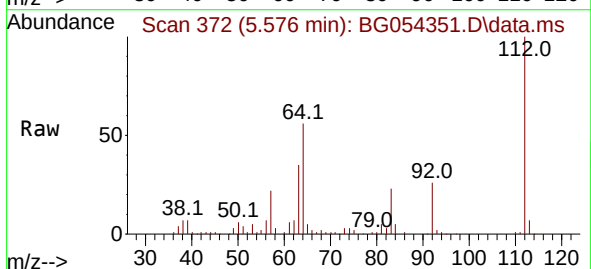


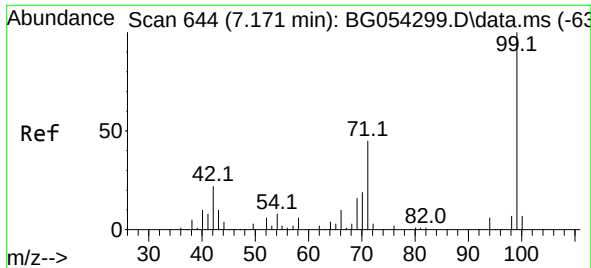
Tgt Ion:152 Resp: 20791
Ion Ratio Lower Upper
152 100
150 153.8 131.6 197.4
115 52.0 50.9 76.3



#5
2-Fluorophenol
Concen: 111.790 ng
RT: 5.576 min Scan# 372
Delta R.T. 0.009 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion:112 Resp: 111320
Ion Ratio Lower Upper
112 100
64 56.3 55.1 82.7
63 35.2 30.4 45.6

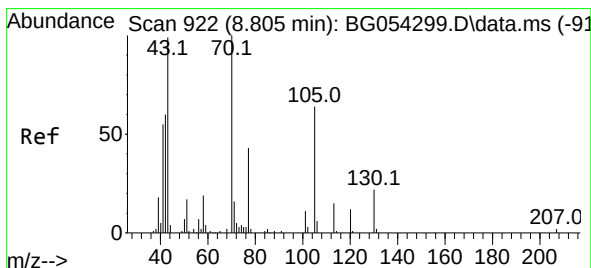
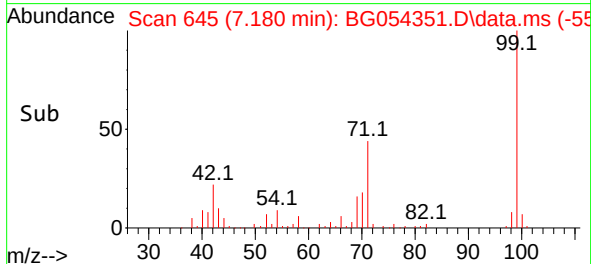
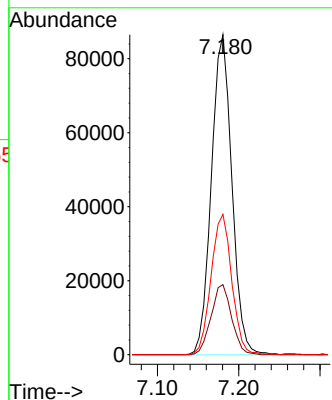
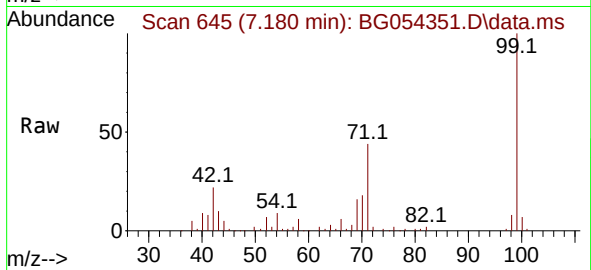




#7
Phenol-d6
Concen: 110.994 ng
RT: 7.180 min Scan# 644
Delta R.T. 0.009 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

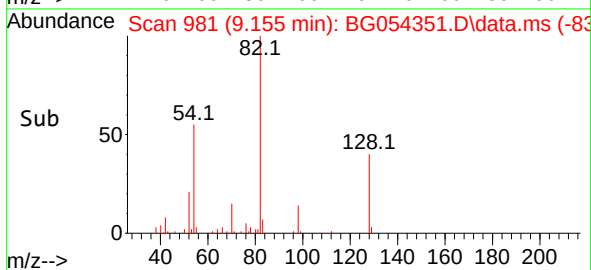
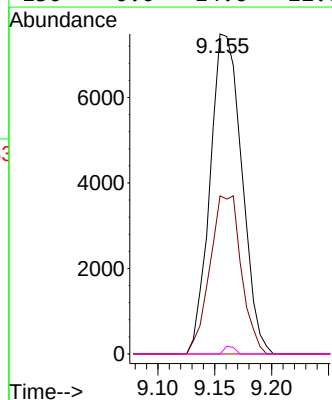
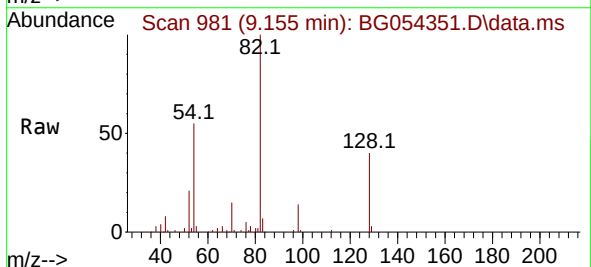
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-12EA

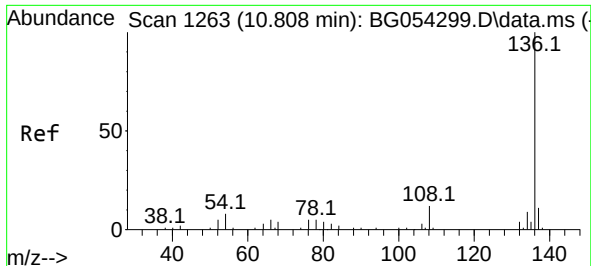
Tgt Ion: 99 Resp: 151449
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.944 ng
RT: 9.155 min Scan# 981
Delta R.T. 0.350 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion: 70 Resp: 14528
Ion Ratio Lower Upper
70 100
42 49.4 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

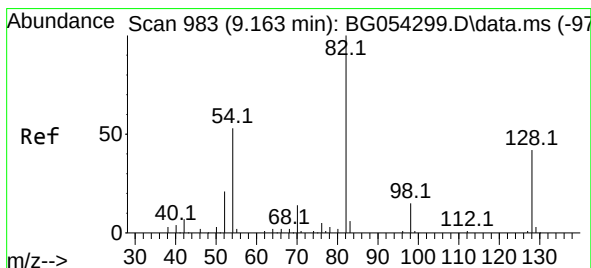
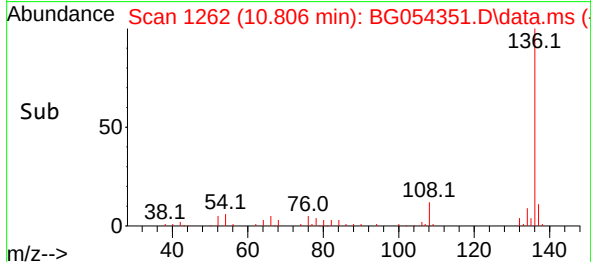
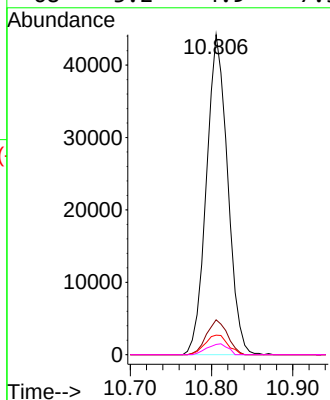
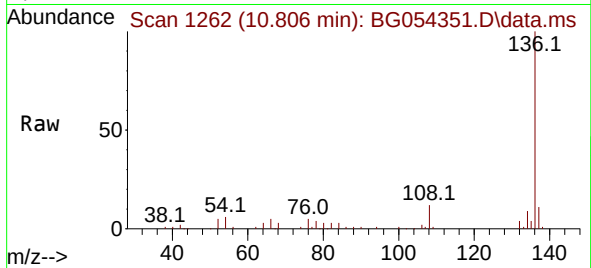




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.806 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

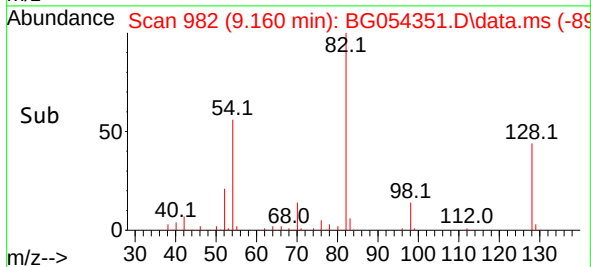
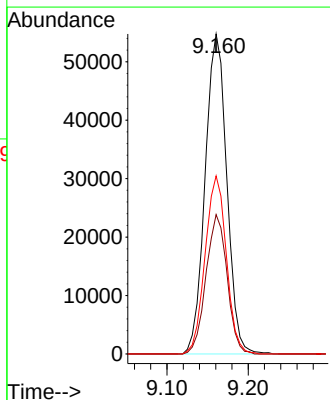
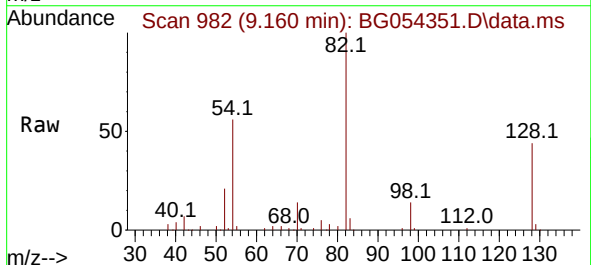
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-12EA

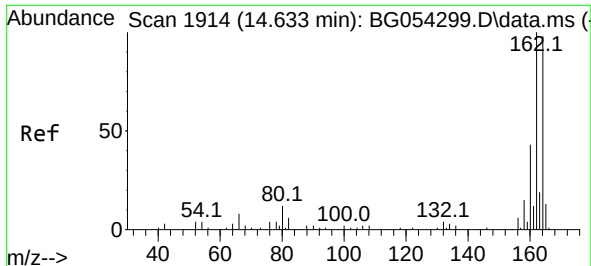
Tgt Ion:	136	Resp:	80088
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.1	7.4	11.2#
68	3.2	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 68.876 ng
RT: 9.160 min Scan# 982
Delta R.T. -0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

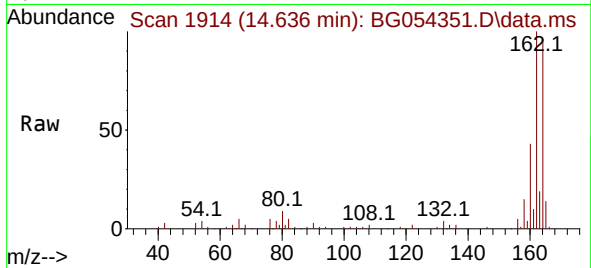
Tgt Ion:	82	Resp:	101293
Ion Ratio	Lower	Upper	
82	100		
128	43.5	27.9	41.9#
54	55.6	41.2	61.8



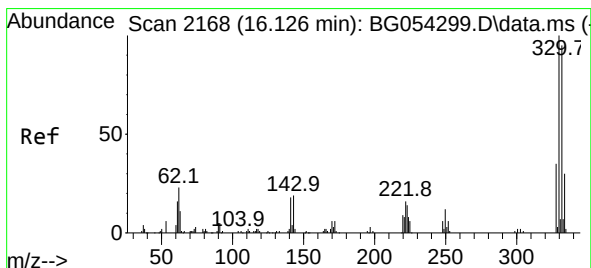
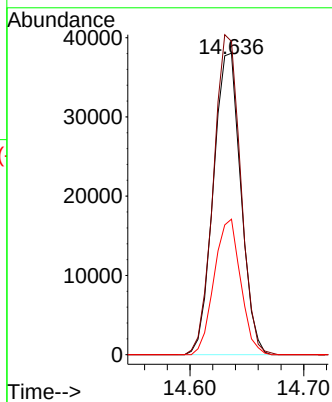
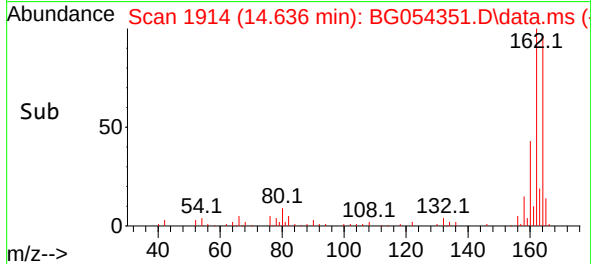


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1914
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-12EA

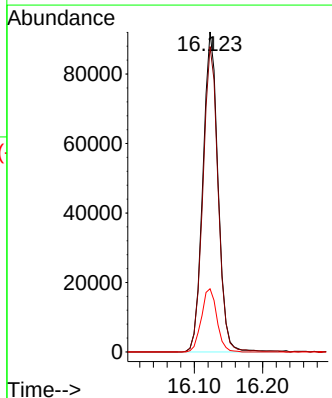
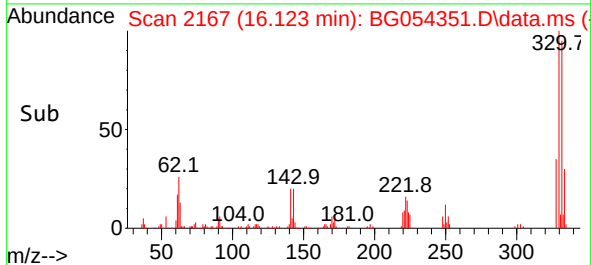
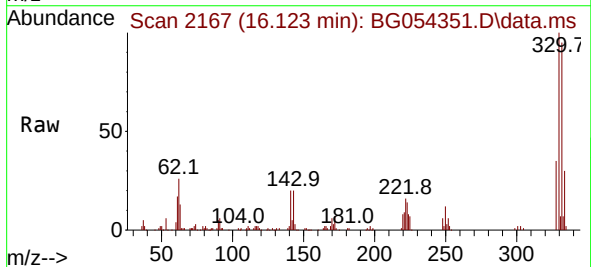


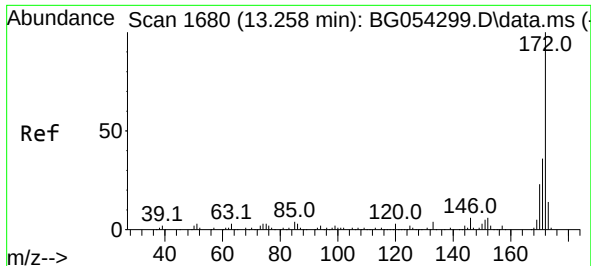
Tgt Ion:164 Resp: 63820
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 45.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 106.334 ng
RT: 16.123 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion:330 Resp: 142486
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 20.1 27.1 40.7#

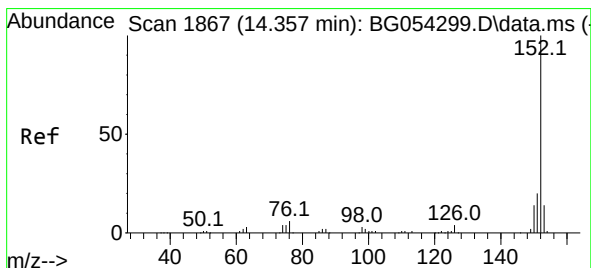
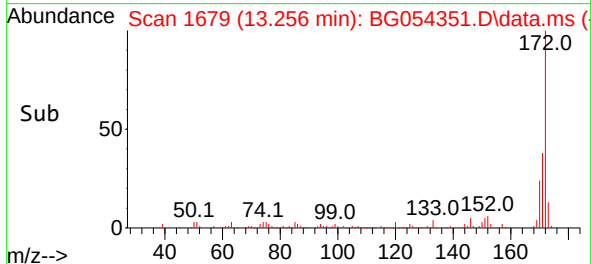
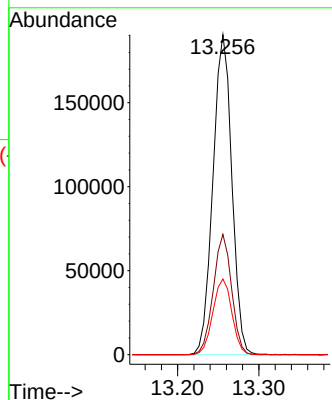
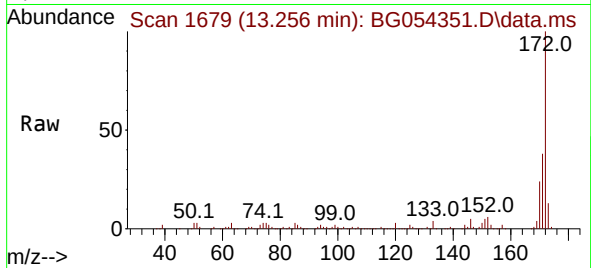




#45
2-Fluorobiphenyl
Concen: 68.009 ng
RT: 13.256 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

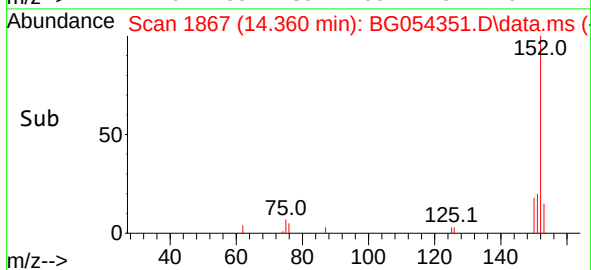
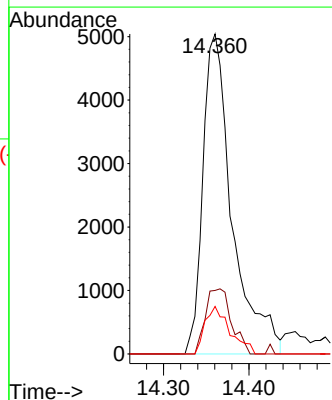
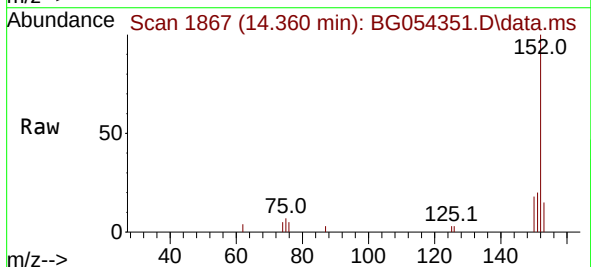
Instrument :
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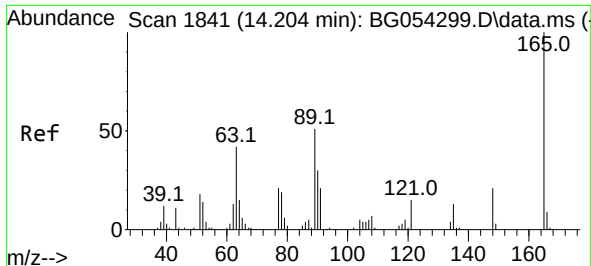
Tgt Ion:172 Resp: 307672
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 23.7 18.9 28.3



#49
Acenaphthylene
Concen: 2.221 ng
RT: 14.360 min Scan# 1867
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion:152 Resp: 12056
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 14.9 10.8 16.2





#51

2,6-Dinitrotoluene

Concen: 8.024 ng

RT: 14.631 min Scan# 1913

Delta R.T. 0.426 min

Lab File: BG054351.D

Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

ClientSampleId :

0718-WC-TP-12EA

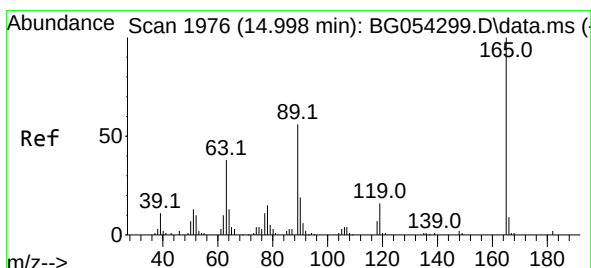
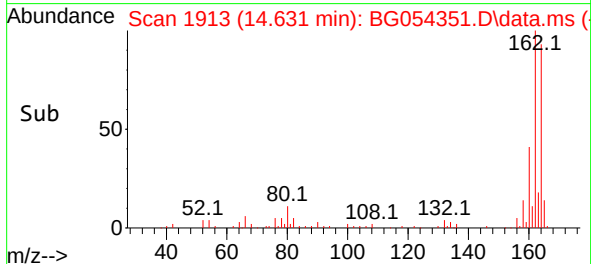
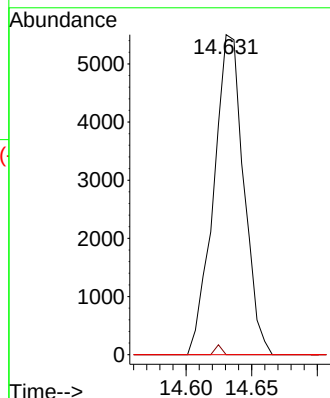
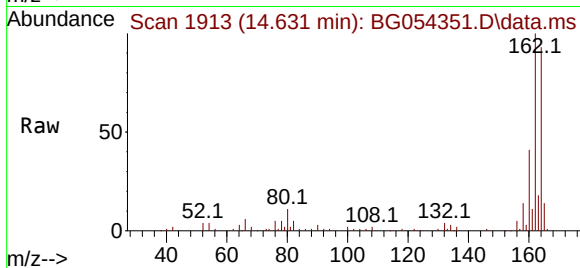
Tgt Ion:165 Resp: 8773

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#



#57

2,4-Dinitrotoluene

Concen: 5.597 ng

RT: 14.631 min Scan# 1913

Delta R.T. -0.367 min

Lab File: BG054351.D

Acq: 21 Jul 2022 19:11

Tgt Ion:165 Resp: 8773

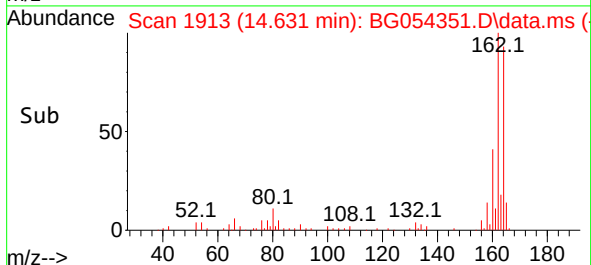
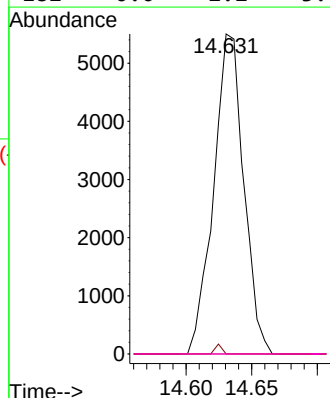
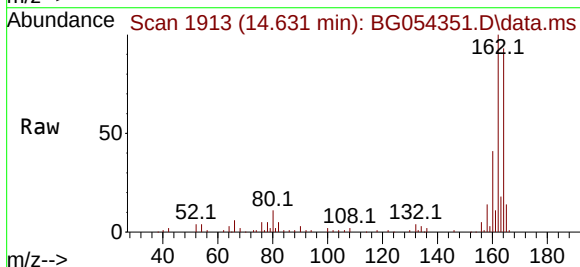
Ion Ratio Lower Upper

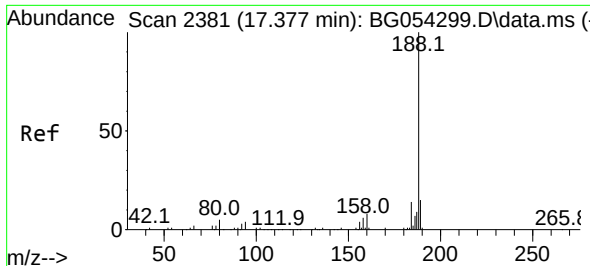
165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#

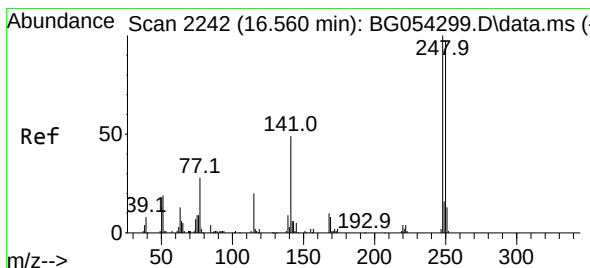
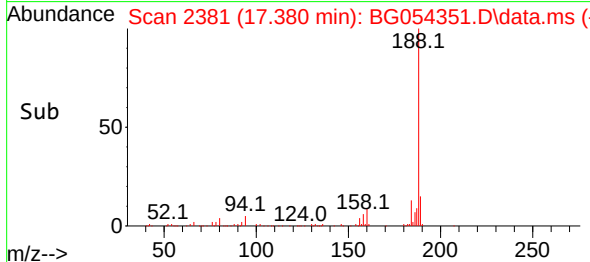
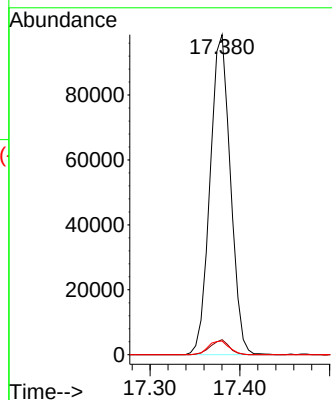
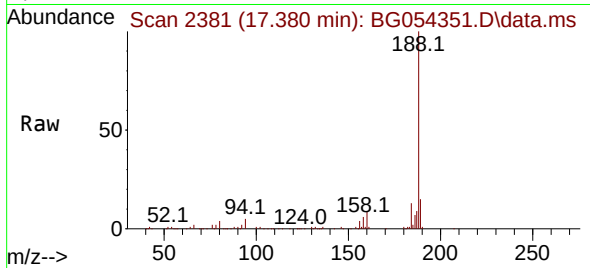




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.380 min Scan# 211
Delta R.T. 0.003 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

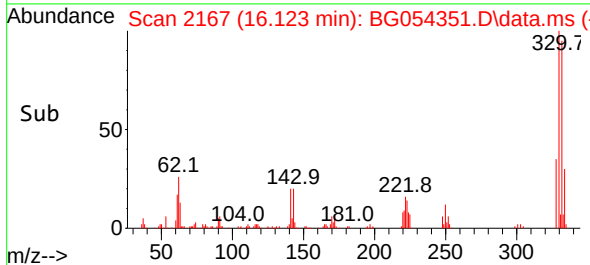
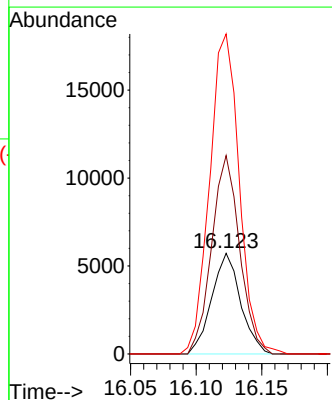
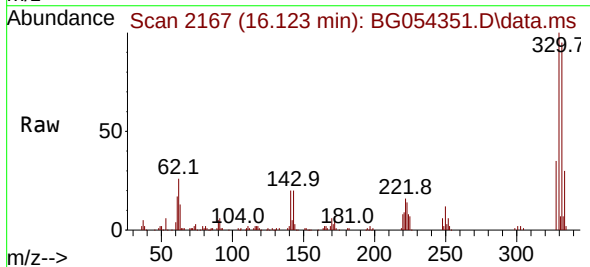
Instrument :
BNA_G
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0718-WC-TP-12EA

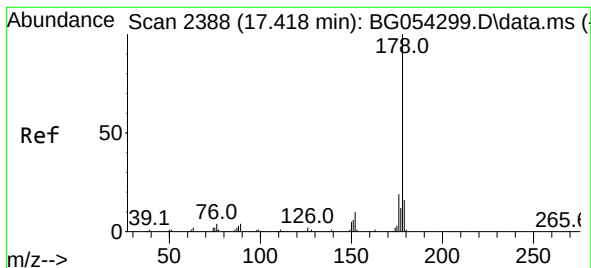
Tgt Ion:188 Resp: 155308
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 4.3 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.025 ng
RT: 16.123 min Scan# 2167
Delta R.T. -0.438 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion:248 Resp: 8779
Ion Ratio Lower Upper
248 100
250 149.4 75.2 112.8#
141 241.1 50.0 75.0#





#71

Phenanthrene

Concen: 6.541 ng

RT: 17.421 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG054351.D

Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

ClientSampleId :

0718-WC-TP-12EA

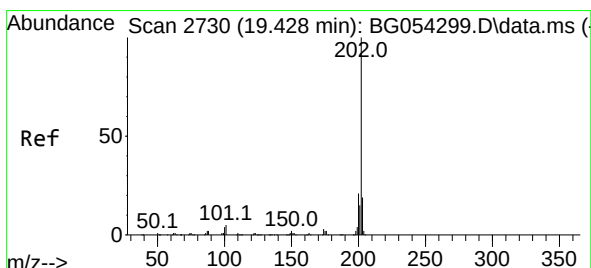
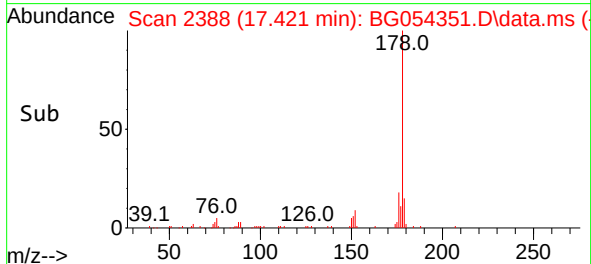
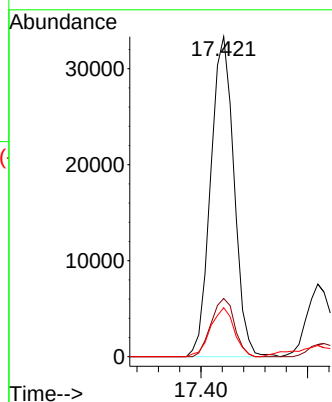
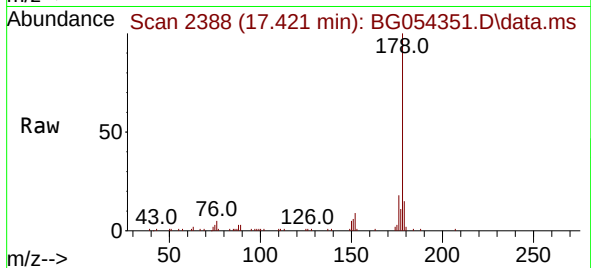
Tgt Ion:178 Resp: 50591

Ion Ratio Lower Upper

178 100

176 18.2 14.1 21.1

179 15.3 12.1 18.1



#75

Fluoranthene

Concen: 10.826 ng

RT: 19.431 min Scan# 2730

Delta R.T. 0.003 min

Lab File: BG054351.D

Acq: 21 Jul 2022 19:11

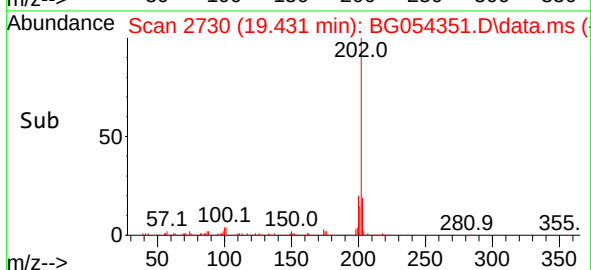
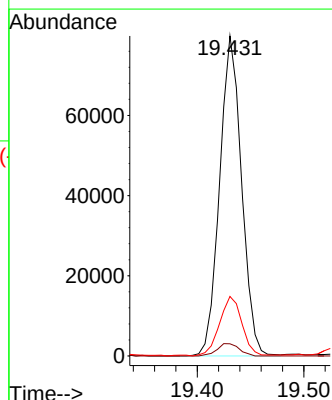
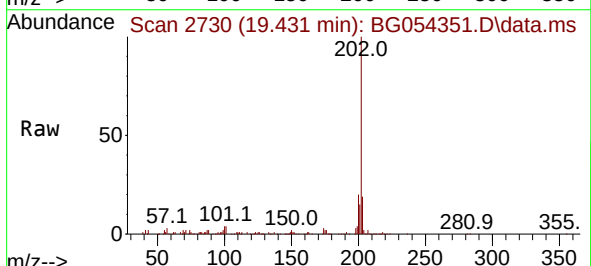
Tgt Ion:202 Resp: 114136

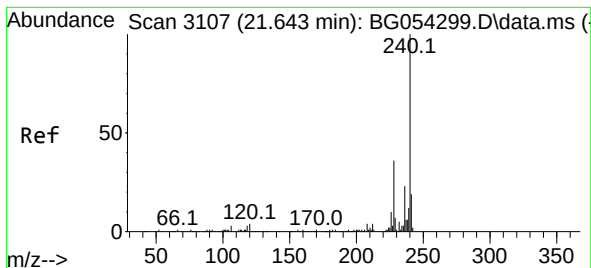
Ion Ratio Lower Upper

202 100

101 3.8 0.0 26.9

203 18.6 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.646 min Scan# 3107

Delta R.T. 0.003 min

Lab File: BG054351.D

Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

ClientSampleId :

0718-WC-TP-12EA

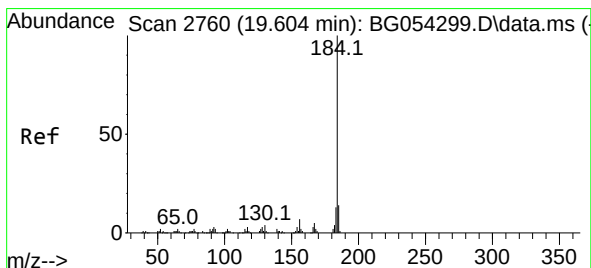
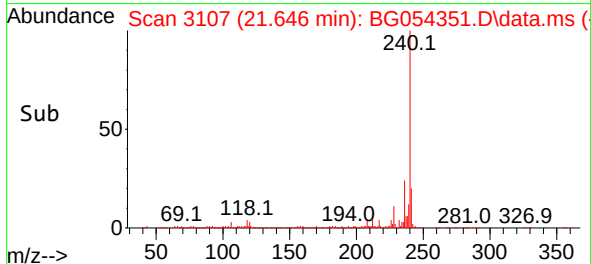
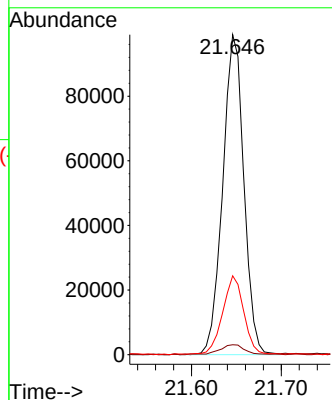
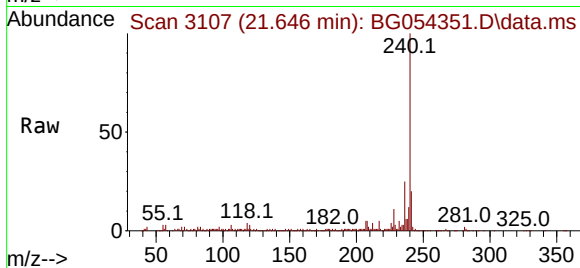
Tgt Ion:240 Resp: 161848

Ion Ratio Lower Upper

240 100

120 3.1 4.6 7.0#

236 24.7 20.2 30.4



#77

Benzidine

Concen: 2.744 ng

RT: 19.989 min Scan# 2825

Delta R.T. 0.385 min

Lab File: BG054351.D

Acq: 21 Jul 2022 19:11

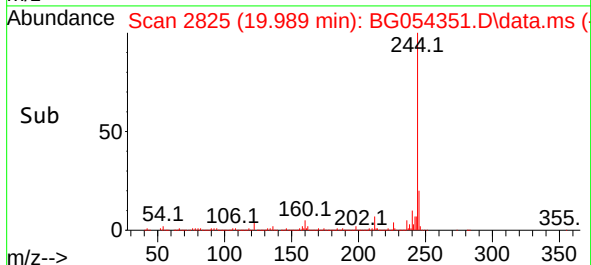
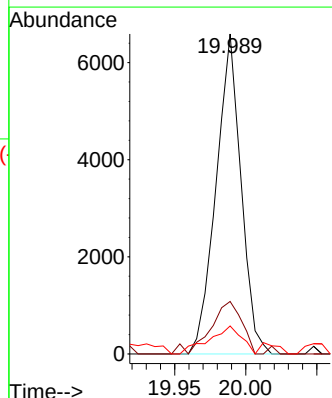
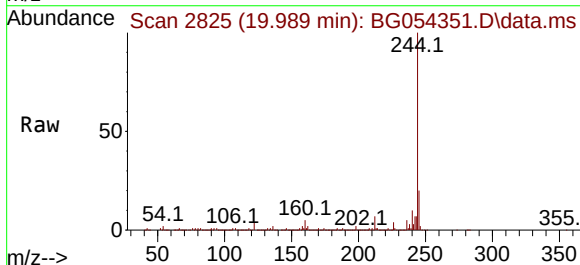
Tgt Ion:184 Resp: 8042

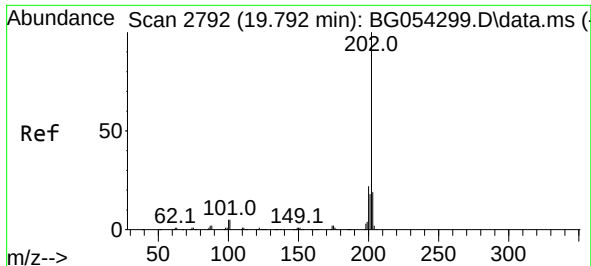
Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.6

183 8.8 8.9 13.3#

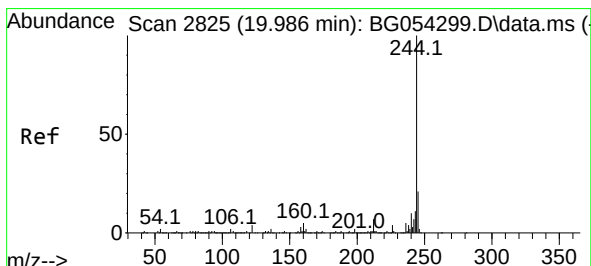
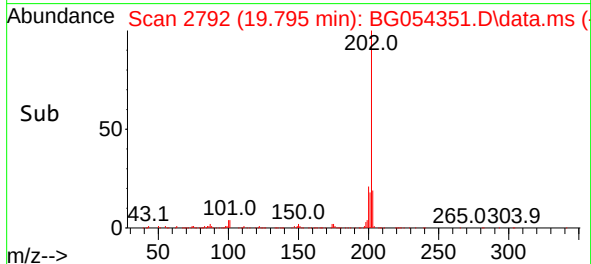
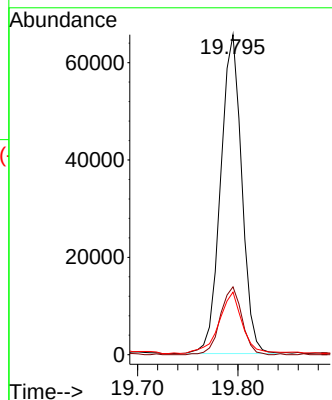
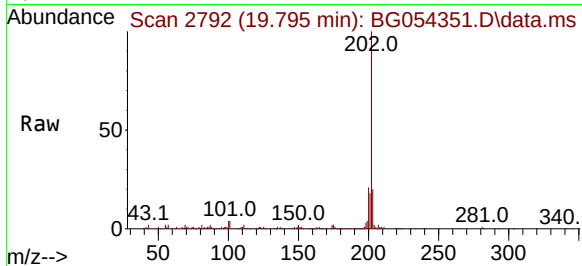




#78
 Pyrene
 Concen: 10.310 ng
 RT: 19.795 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054351.D
 Acq: 21 Jul 2022 19:11

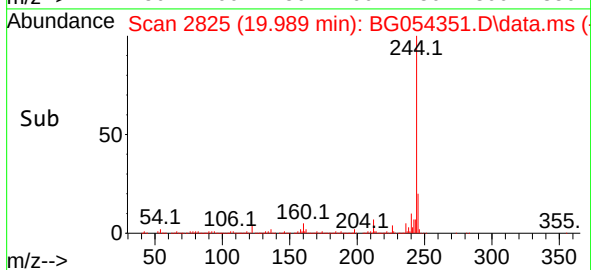
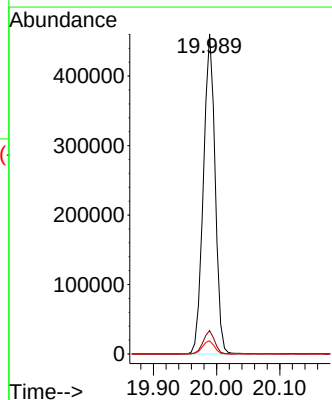
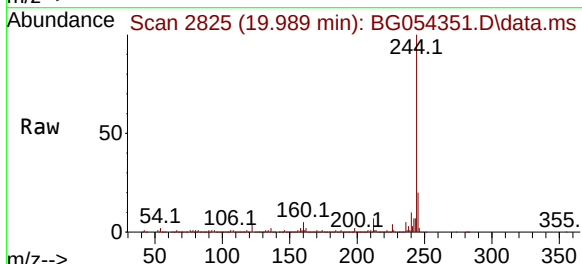
Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-12EA

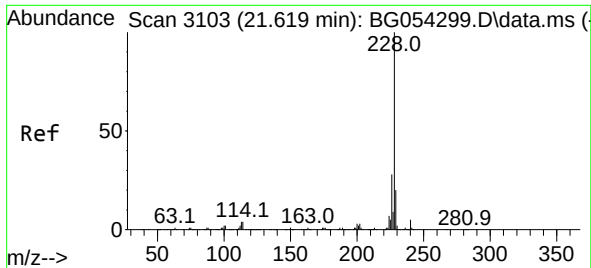
Tgt Ion:	202	Resp:	95743
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.6	24.8
203	19.6	14.6	21.8



#79
 Terphenyl-d14
 Concen: 72.837 ng
 RT: 19.989 min Scan# 2825
 Delta R.T. 0.003 min
 Lab File: BG054351.D
 Acq: 21 Jul 2022 19:11

Tgt Ion:	244	Resp:	594237
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.5	9.7
122	4.1	5.0	7.4

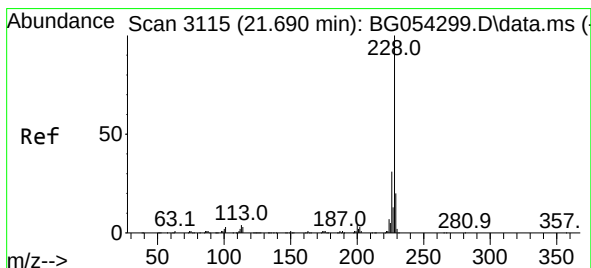
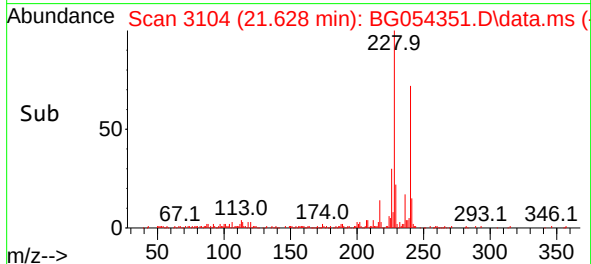
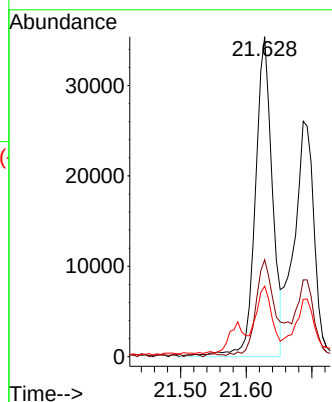
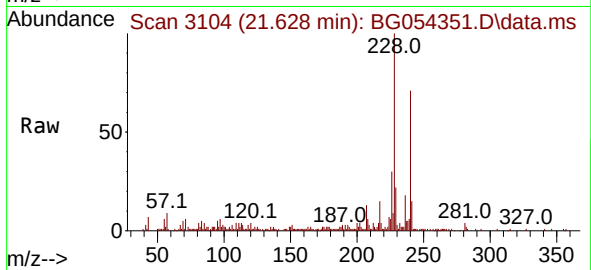




#81
Benzo(a)anthracene
Concen: 6.201 ng
RT: 21.628 min Scan# 3104
Delta R.T. 0.009 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

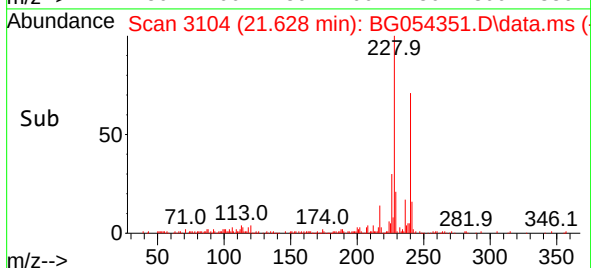
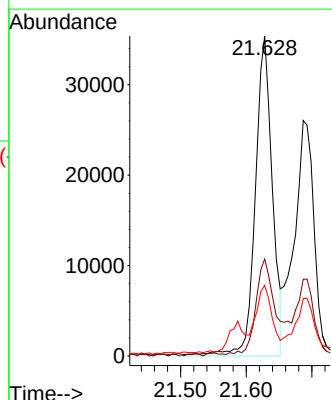
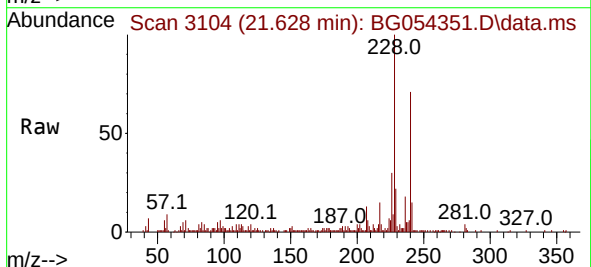
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-12EA

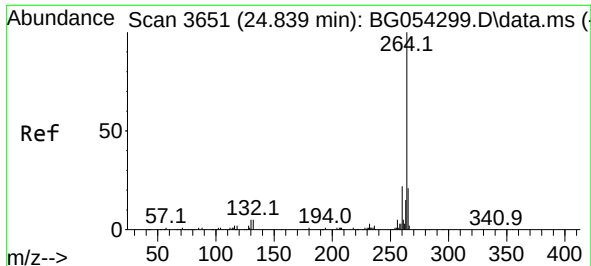
Tgt Ion:228 Resp: 63710
Ion Ratio Lower Upper
228 100
226 30.3 21.6 32.4
229 22.1 16.2 24.2



#83
Chrysene
Concen: 6.564 ng
RT: 21.628 min Scan# 3104
Delta R.T. -0.061 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion:228 Resp: 63710
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.2
229 22.1 15.5 23.3

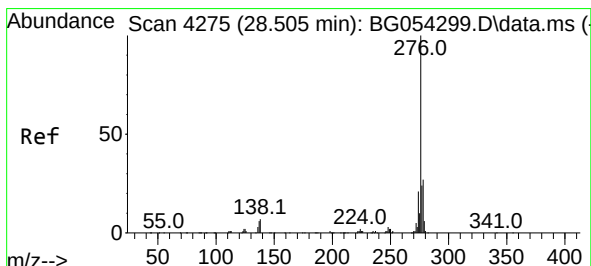
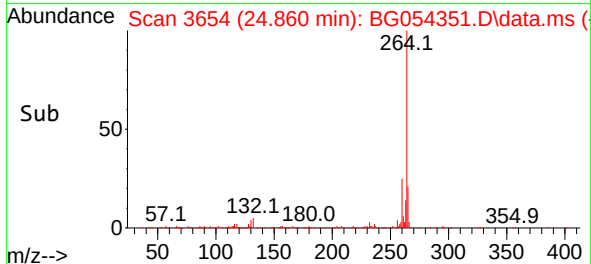
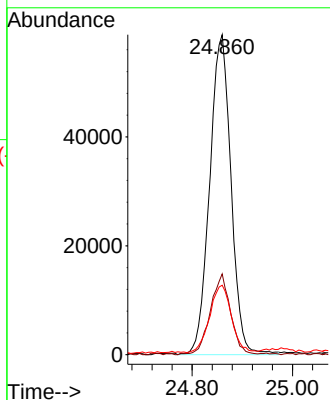
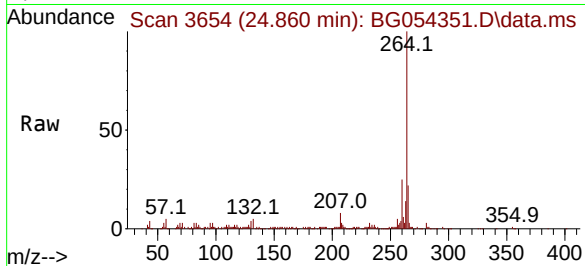




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.860 min Scan# 30
 Delta R.T. 0.021 min
 Lab File: BG054351.D
 Acq: 21 Jul 2022 19:11

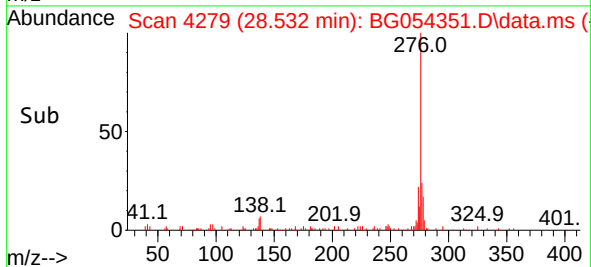
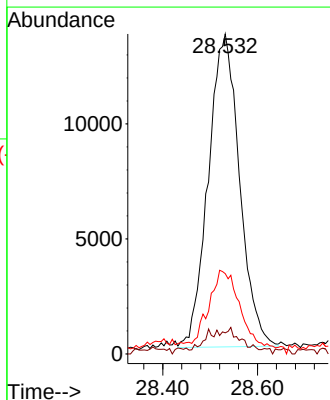
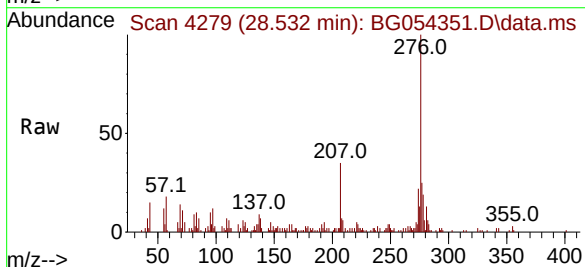
Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-12EA

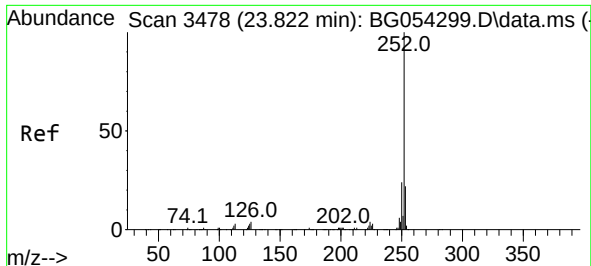
Tgt Ion:264 Resp: 173630
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.0 28.6
 265 21.7 17.4 26.2



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.723 ng
 RT: 28.532 min Scan# 4279
 Delta R.T. 0.027 min
 Lab File: BG054351.D
 Acq: 21 Jul 2022 19:11

Tgt Ion:276 Resp: 62387
 Ion Ratio Lower Upper
 276 100
 138 0.0 5.0 7.4#
 277 24.0 20.3 30.5

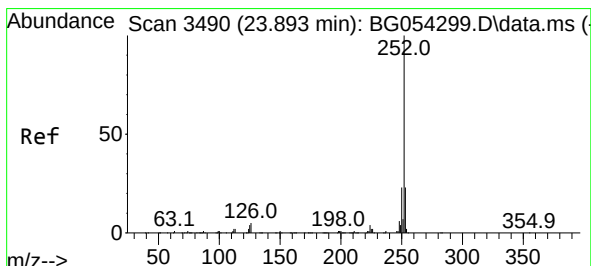
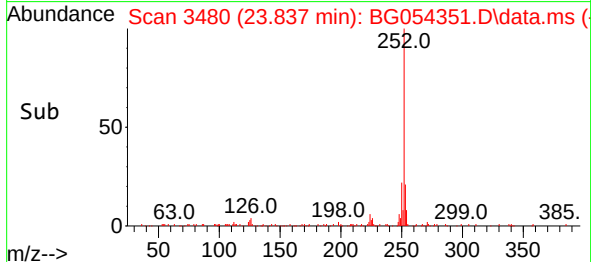
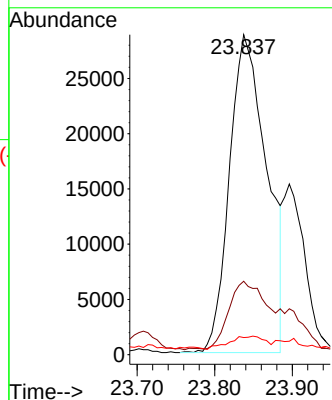
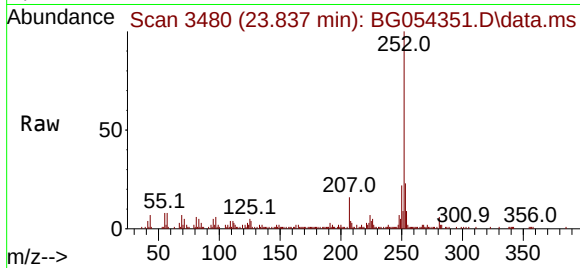




#88
Benzo(b)fluoranthene
Concen: 9.379 ng
RT: 23.837 min Scan# 3478
Delta R.T. 0.015 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

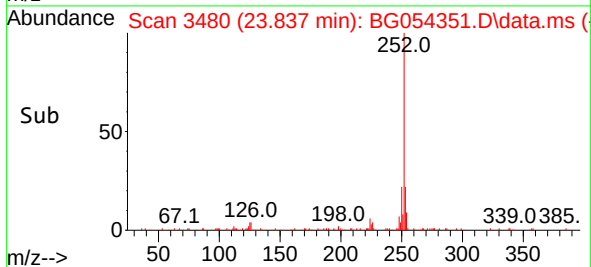
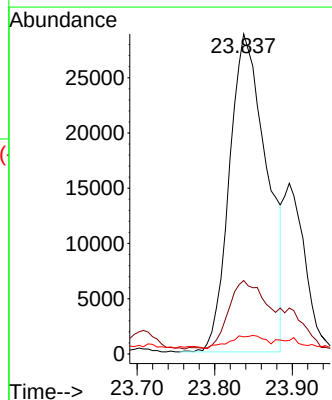
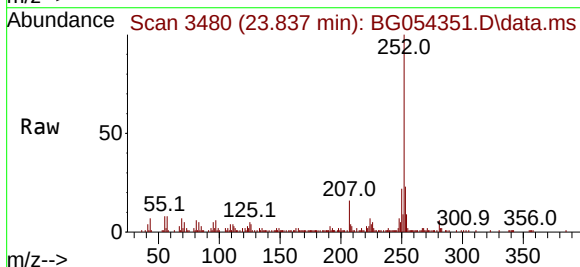
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-12EA

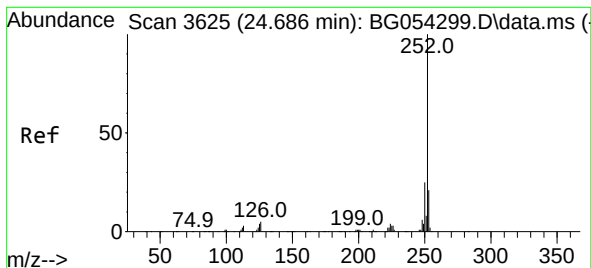
Tgt Ion:252 Resp: 96309
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 5.4 4.6 6.8



#89
Benzo(k)fluoranthene
Concen: 9.424 ng
RT: 23.837 min Scan# 3480
Delta R.T. -0.056 min
Lab File: BG054351.D
Acq: 21 Jul 2022 19:11

Tgt Ion:252 Resp: 96309
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 5.4 4.8 7.2





#90

Benzo(a)pyrene

Concen: 8.761 ng

RT: 24.707 min Scan# 30

Delta R.T. 0.021 min

Lab File: BG054351.D

Acq: 21 Jul 2022 19:11

Instrument :

BNA_G

ClientSampleId :

0718-WC-TP-12EA

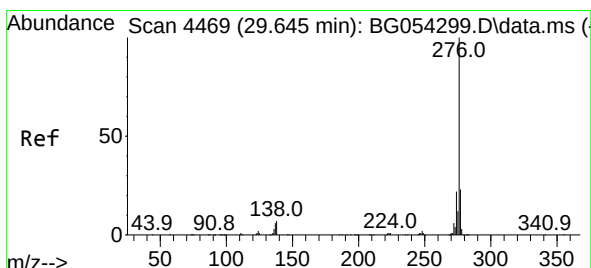
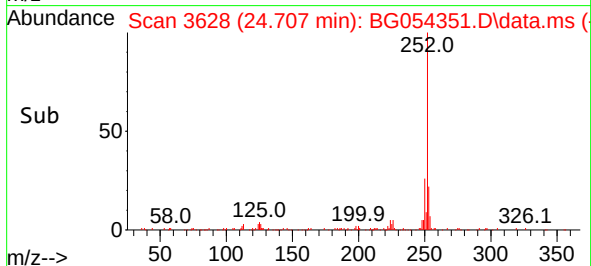
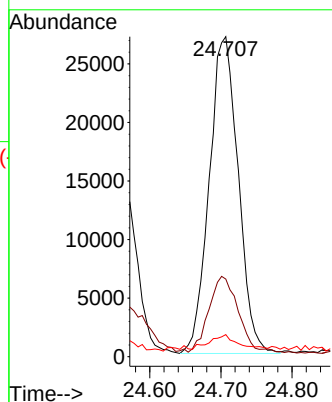
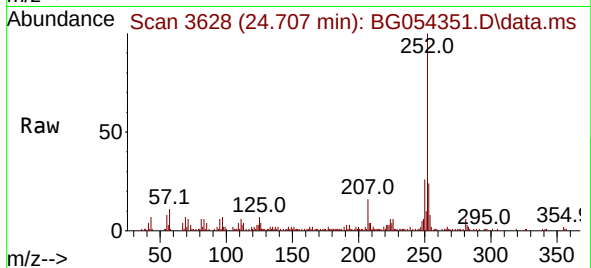
Tgt Ion:252 Resp: 76829

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.8

125 6.9 4.3 6.5#



#92

Benzo(g,h,i)perylene

Concen: 5.814 ng

RT: 29.678 min Scan# 4474

Delta R.T. 0.033 min

Lab File: BG054351.D

Acq: 21 Jul 2022 19:11

Tgt Ion:276 Resp: 62322

Ion Ratio Lower Upper

276 100

277 22.9 17.3 25.9

138 6.1 9.6 14.4#

