

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050715.D
 Acq On : 25 Oct 2021 18:03
 Operator : CG/JU
 Sample : M4332-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BB-SAMPLE-1

Quant Time: Oct 26 02:15:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

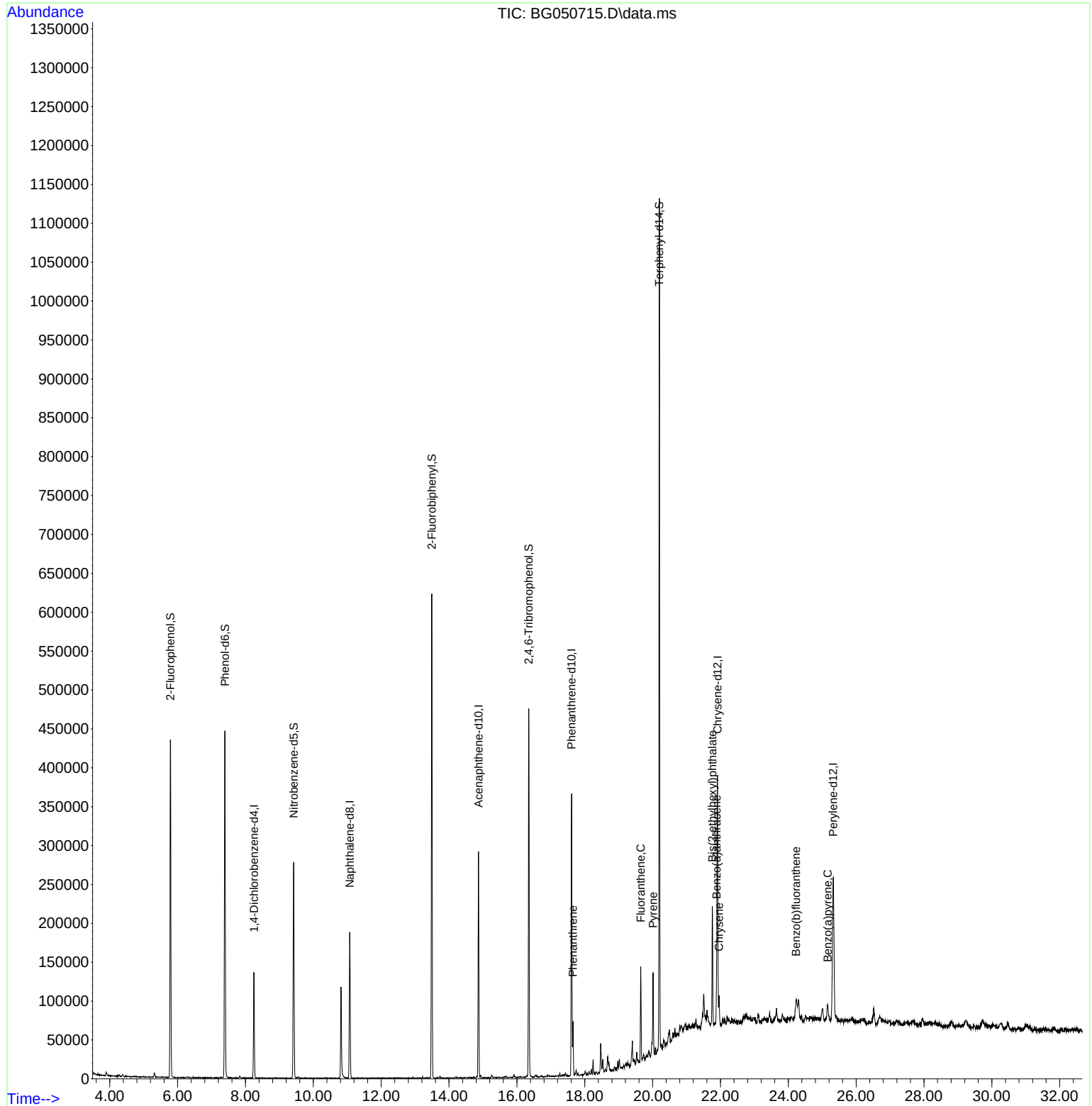
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	36241	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	154415	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	98612	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	216615	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	190582	20.000	ng	#-0.01
86) Perylene-d12	25.321	264	185771	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	190298	78.529	ng	0.00
7) Phenol-d6	7.395	99	256391	73.077	ng	0.00
23) Nitrobenzene-d5	9.422	82	180927	48.503	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	70086	74.513	ng	-0.01
45) 2-Fluorobiphenyl	13.494	172	321321	49.041	ng	-0.01
79) Terphenyl-d14	20.197	244	477247	48.802	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.653	178	42924	3.760	ng	94
75) Fluoranthene	19.651	202	74387	5.301	ng	96
78) Pyrene	20.015	202	66334	4.906	ng	100
81) Benzo(a)anthracene	21.890	228	26705	2.118	ng	96
83) Chrysene	21.960	228	28387	2.393	ng	95
84) Bis(2-ethylhexyl)phtha...	21.760	149	60404	7.433	ng	# 93
88) Benzo(b)fluoranthene	24.228	252	31025	2.727	ng	# 84
90) Benzo(a)pyrene	25.162	252	22281	2.303	ng	# 86

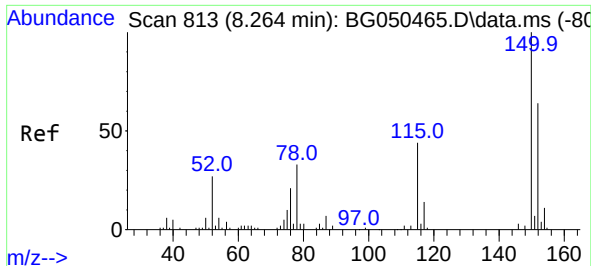
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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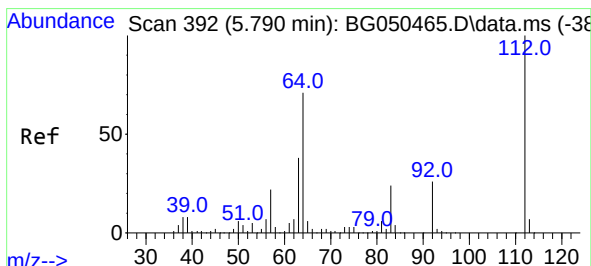
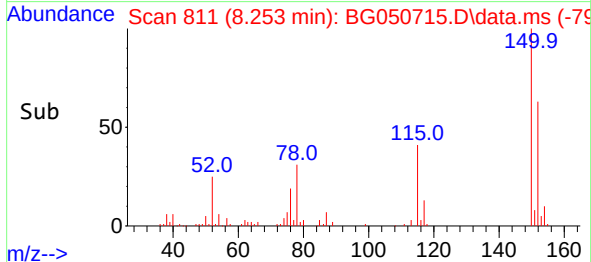
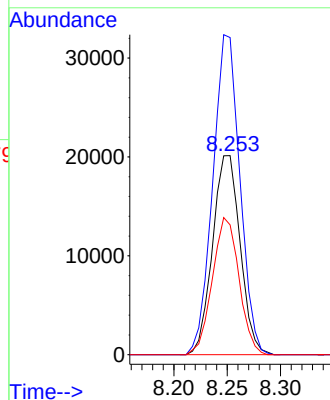
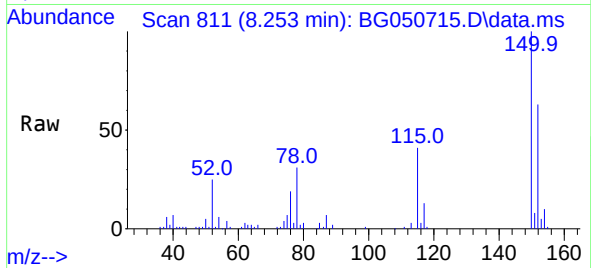




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

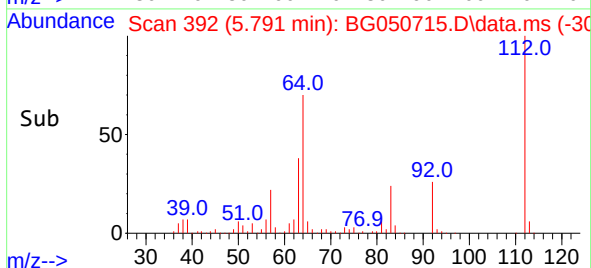
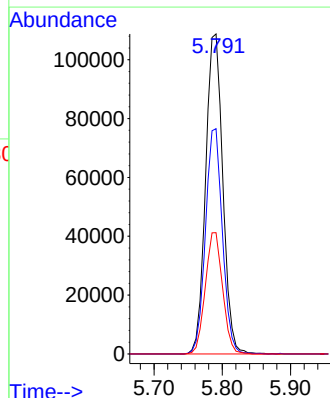
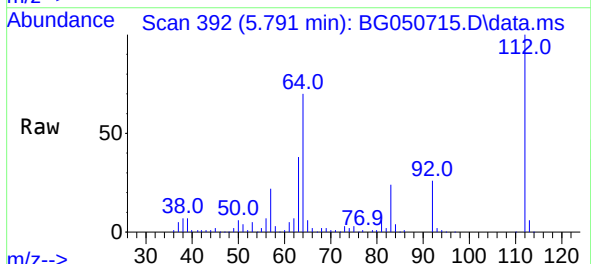
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-1

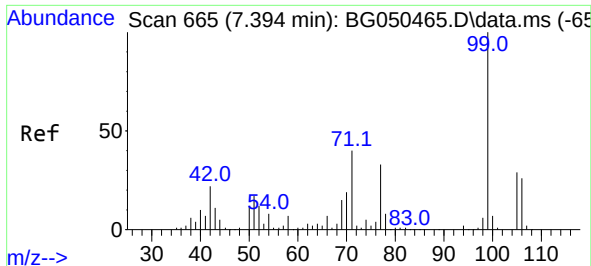
Tgt Ion:152 Resp: 36241
Ion Ratio Lower Upper
152 100
150 159.3 119.4 179.0
115 65.3 60.2 90.4



#5
2-Fluorophenol
Concen: 78.529 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Tgt Ion:112 Resp: 190298
Ion Ratio Lower Upper
112 100
64 70.4 46.7 70.1#
63 37.9 35.3 52.9

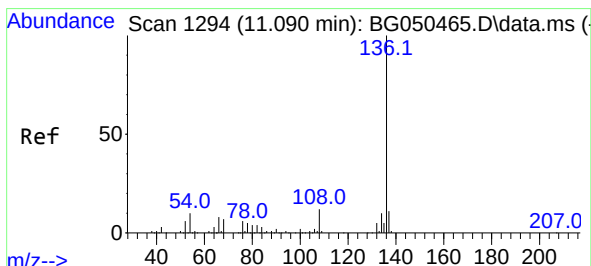
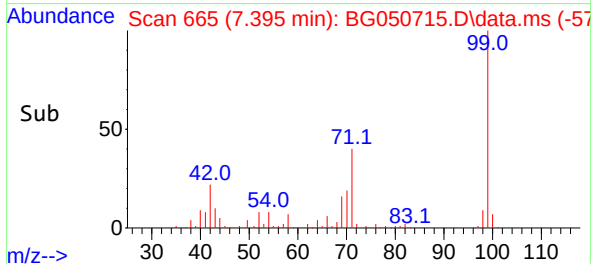
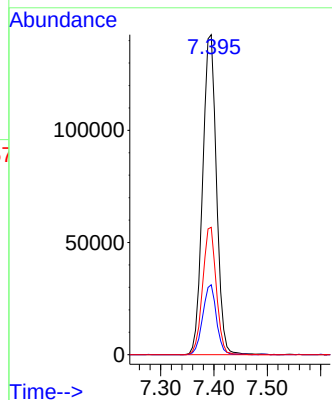
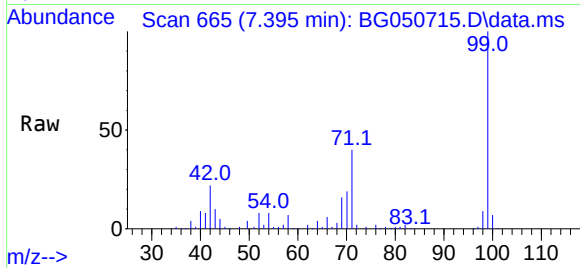




#7
Phenol-d6
Concen: 73.077 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

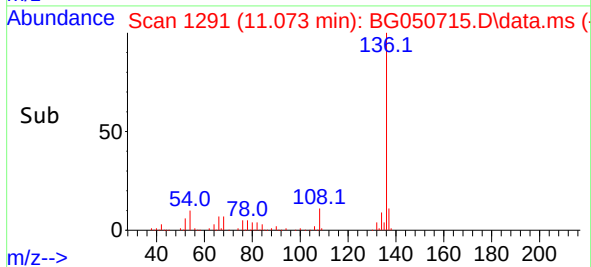
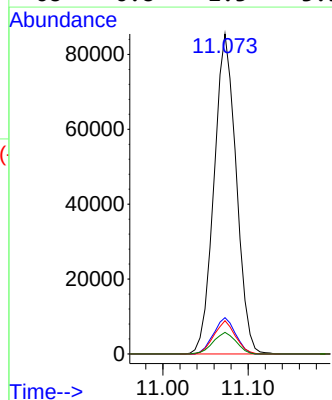
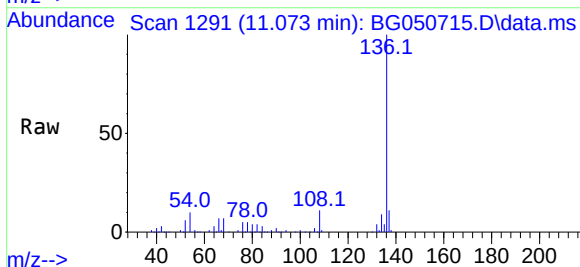
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-1

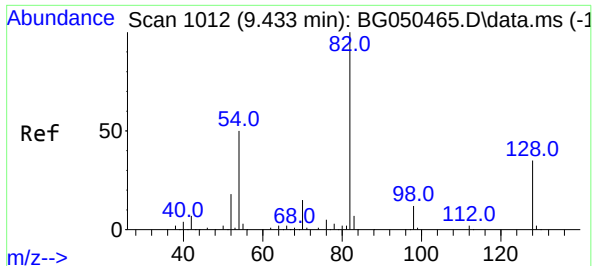
Tgt Ion: 99 Resp: 256391
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 39.8 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Tgt Ion: 136 Resp: 154415
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 10.4 5.5 8.3#
68 6.8 2.3 3.5#



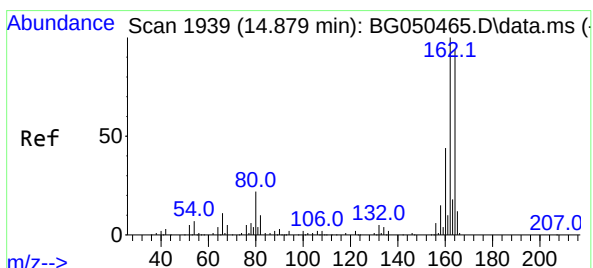
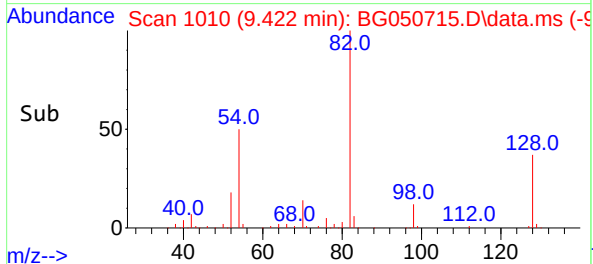
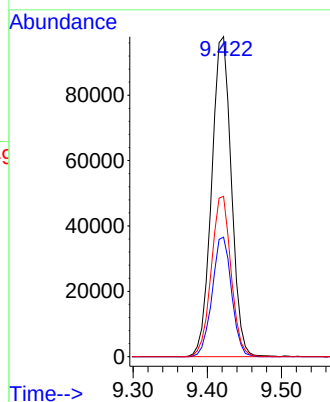
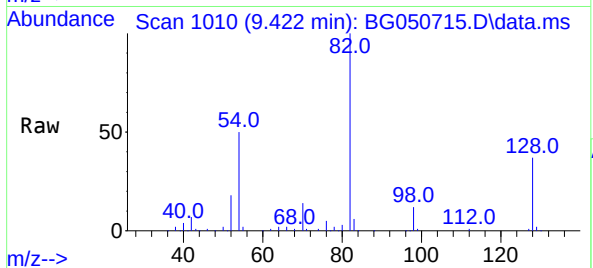


#23
Nitrobenzene-d5
Concen: 48.503 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-1

Tgt Ion: 82 Resp: 180927

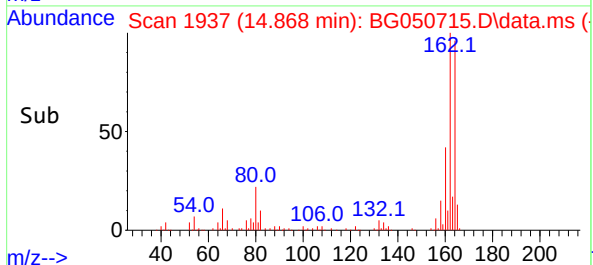
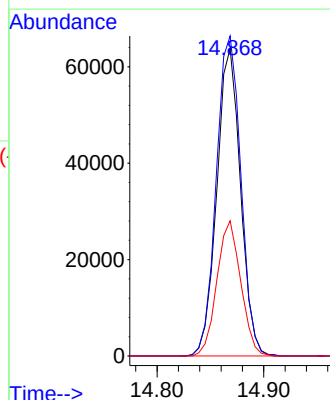
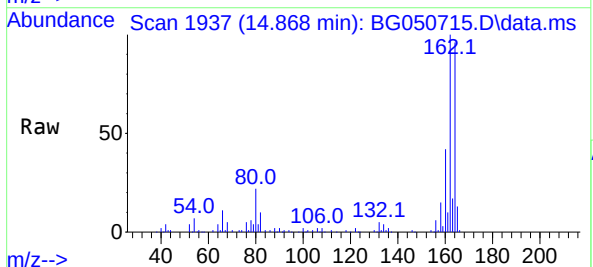
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.8	44.6
54	50.1	45.8	68.8

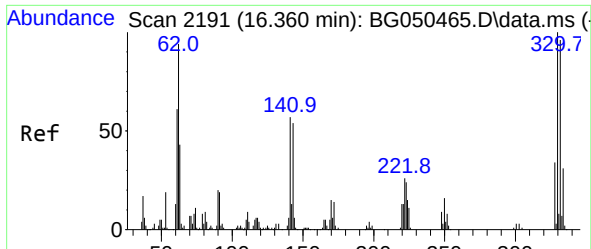


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Tgt Ion: 164 Resp: 98612

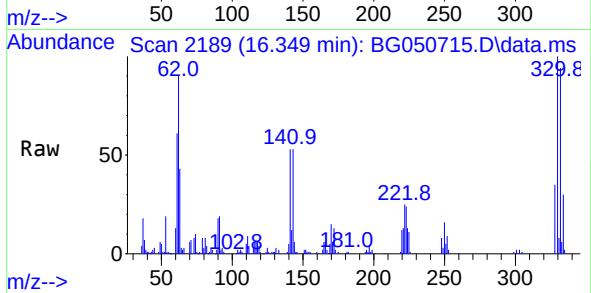
Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.4	122.0
160	44.0	34.9	52.3



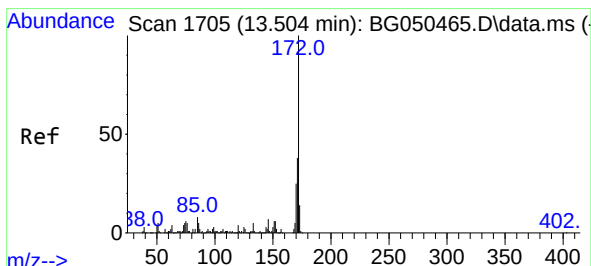
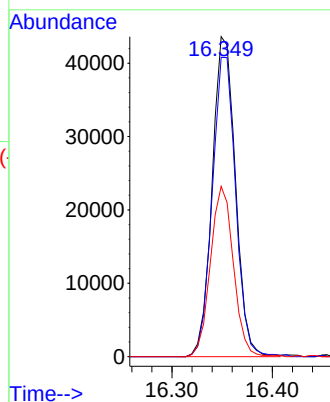
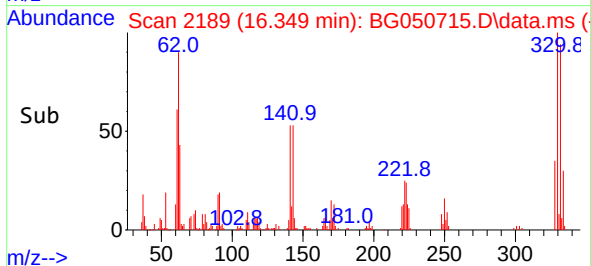


#42
2,4,6-Tribromophenol
Concen: 74.513 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

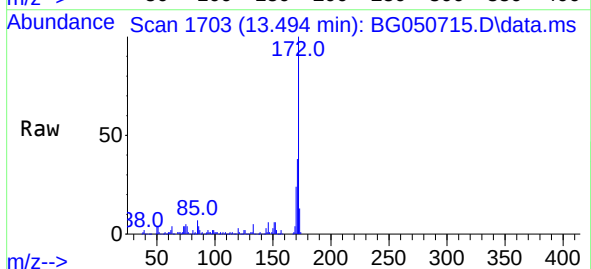
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-1



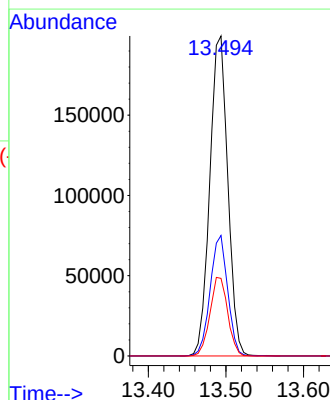
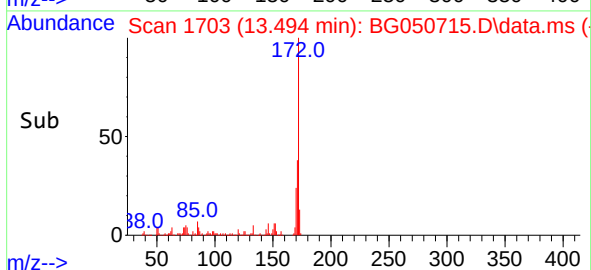
Tgt Ion:330 Resp: 70086
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 52.7 35.6 53.4

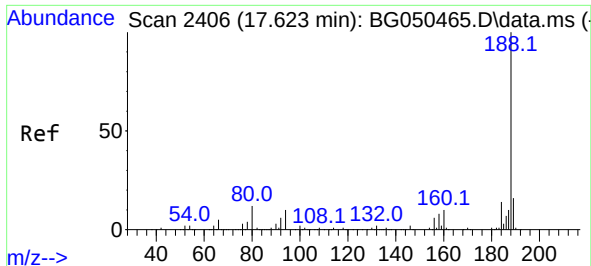


#45
2-Fluorobiphenyl
Concen: 49.041 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03



Tgt Ion:172 Resp: 321321
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 24.3 18.6 27.8

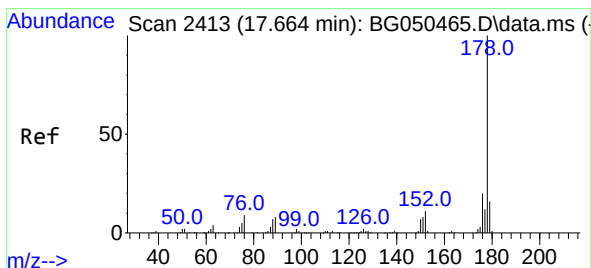
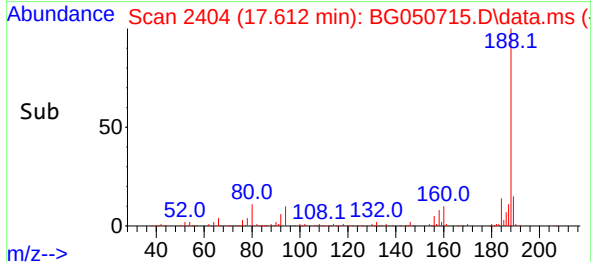
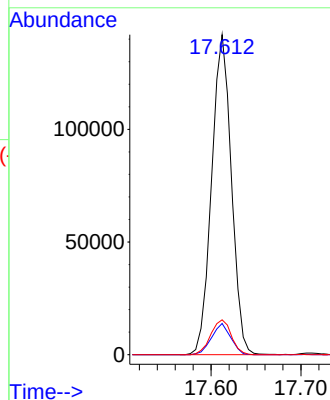
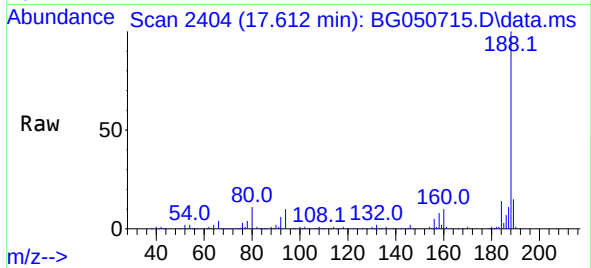




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

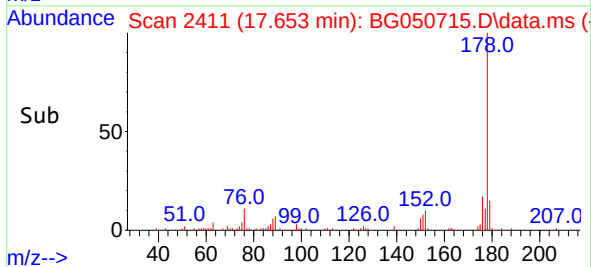
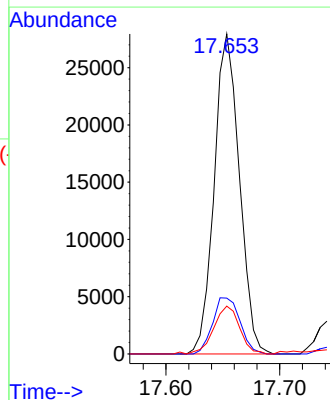
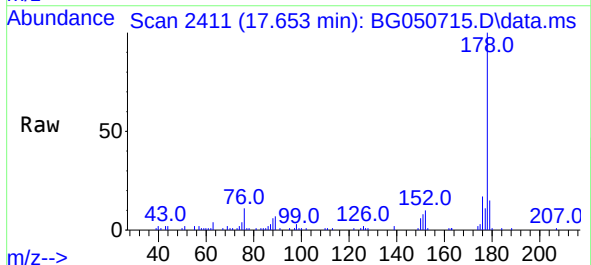
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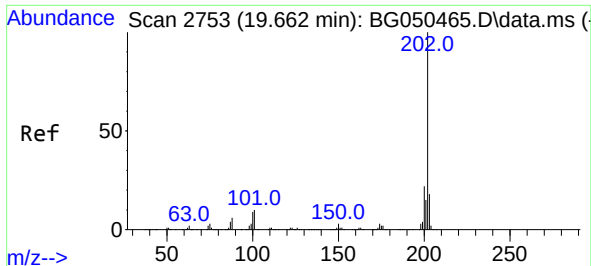
Tgt Ion:188 Resp: 216615
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 10.9 3.7 5.5#



#71
Phenanthrene
Concen: 3.760 ng
RT: 17.653 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Tgt Ion:178 Resp: 42924
Ion Ratio Lower Upper
178 100
176 17.5 16.0 24.0
179 15.0 14.2 21.4

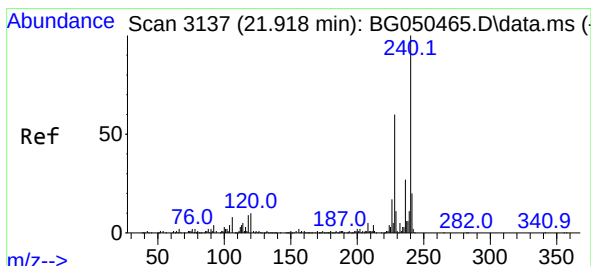
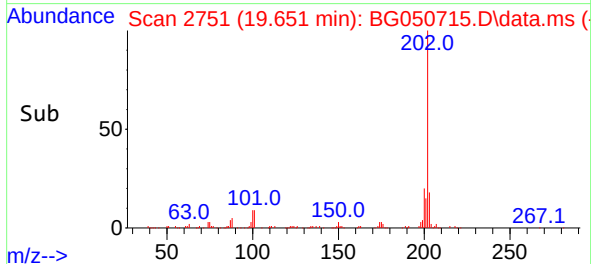
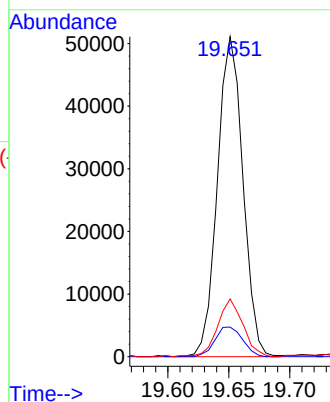
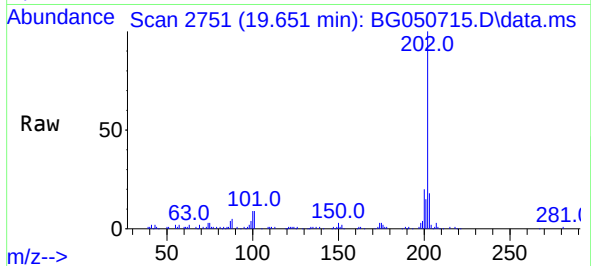




#75
Fluoranthene
Concen: 5.301 ng
RT: 19.651 min Scan# 2751
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

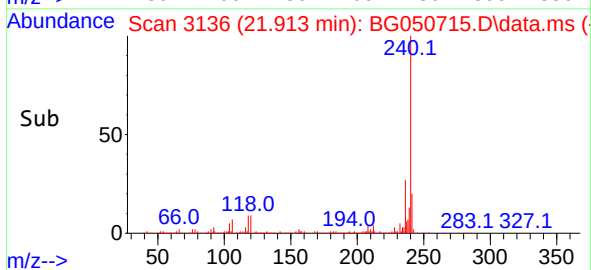
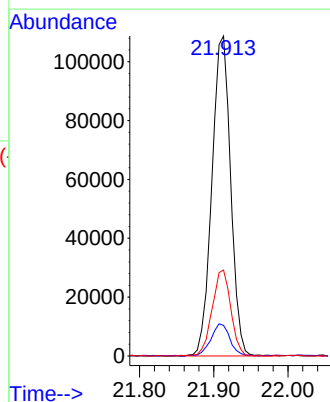
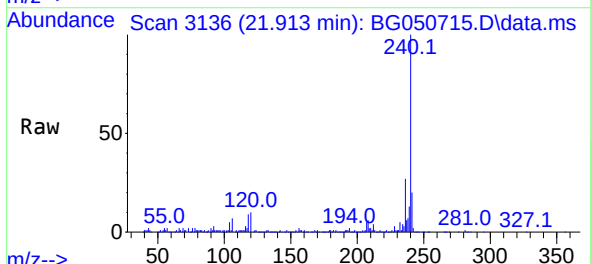
Instrument :
BNA_G
ClientSampleId :
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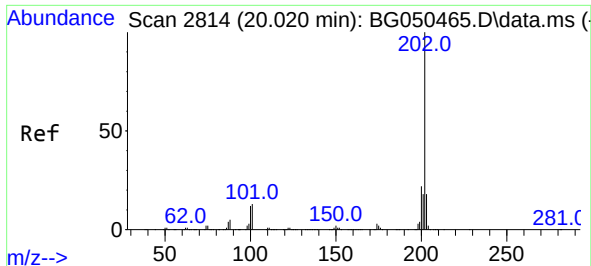
Tgt Ion:202 Resp: 74387
Ion Ratio Lower Upper
202 100
101 9.2 0.0 24.7
203 18.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

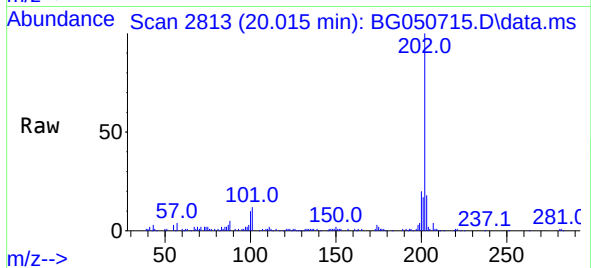
Tgt Ion:240 Resp: 190582
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.8 21.8 32.6



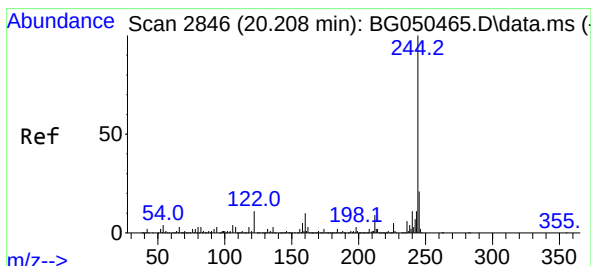
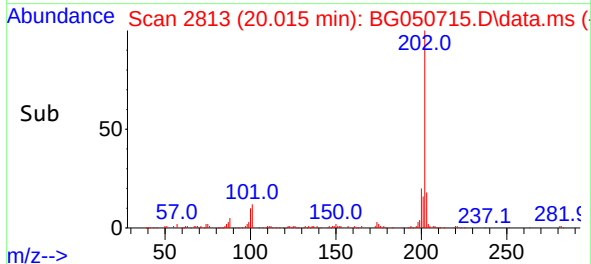
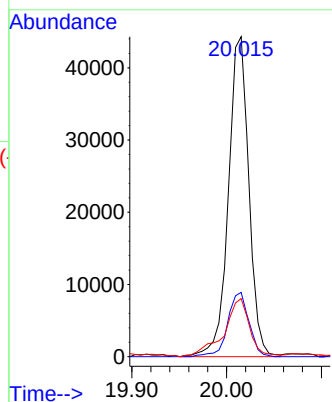


#78
Pyrene
Concen: 4.906 ng
RT: 20.015 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Instrument :
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ClientSampleId :
BB-SAMPLE-1

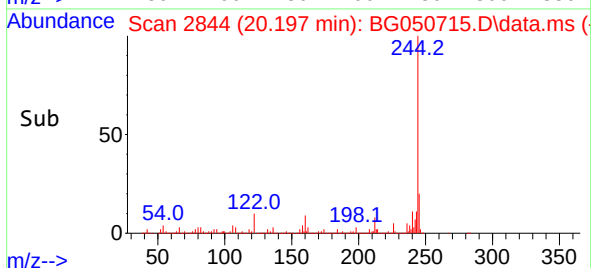
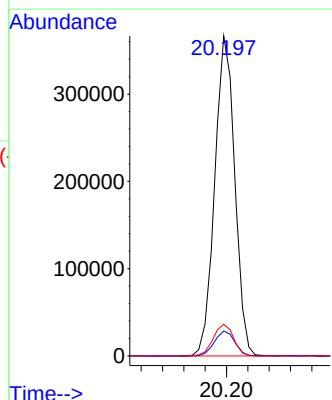
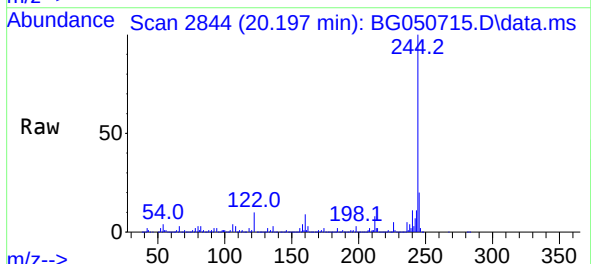


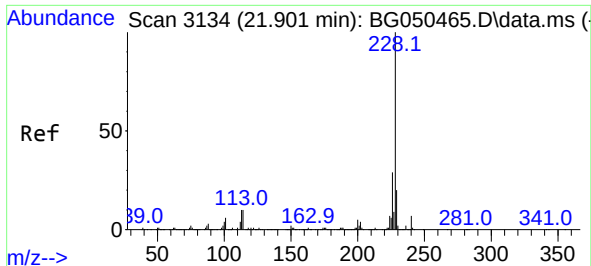
Tgt Ion:202 Resp: 66334
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 18.1 14.6 21.8



#79
Terphenyl-d14
Concen: 48.802 ng
RT: 20.197 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Tgt Ion:244 Resp: 477247
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 9.9 5.0 7.6#

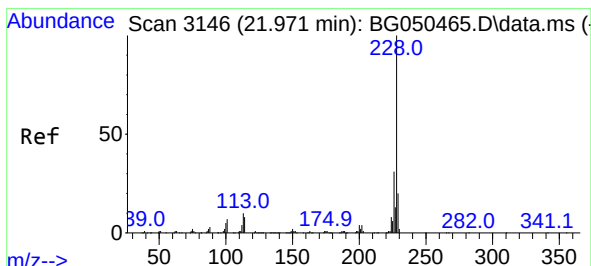
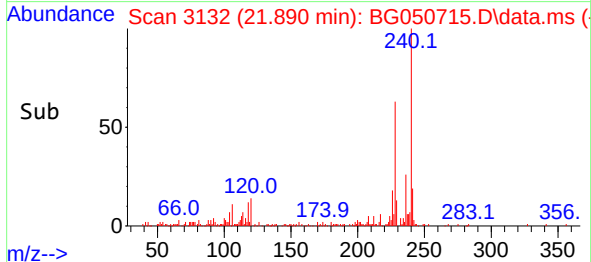
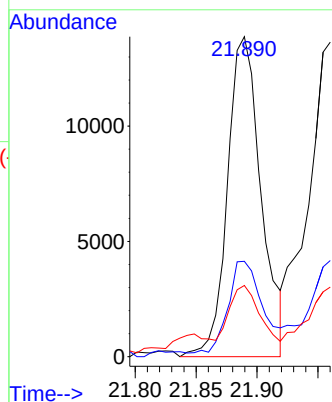
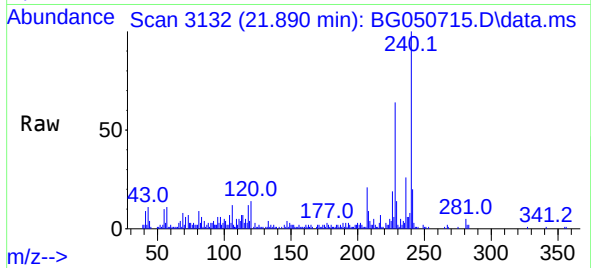




#81
Benzo(a)anthracene
Concen: 2.118 ng
RT: 21.890 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

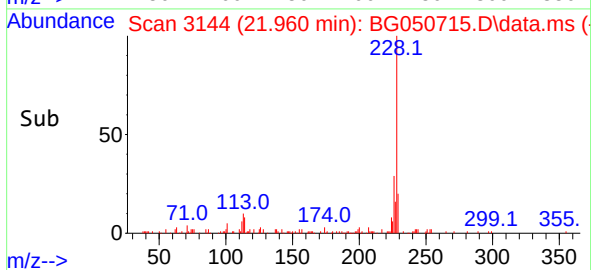
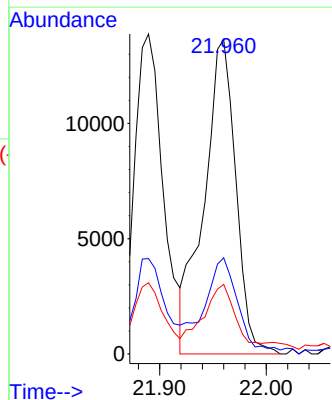
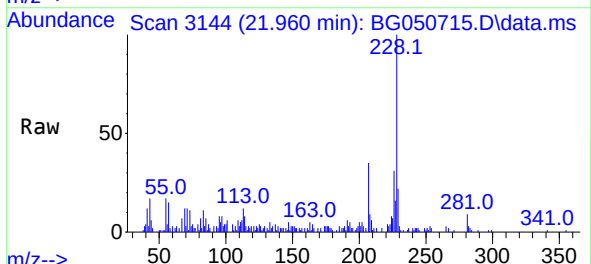
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-1

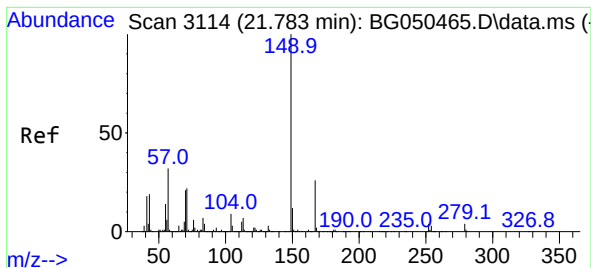
Tgt Ion:228 Resp: 26705
Ion Ratio Lower Upper
228 100
226 29.8 22.7 34.1
229 22.2 16.0 24.0



#83
Chrysene
Concen: 2.393 ng
RT: 21.960 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Tgt Ion:228 Resp: 28387
Ion Ratio Lower Upper
228 100
226 30.6 23.1 34.7
229 22.1 15.3 22.9

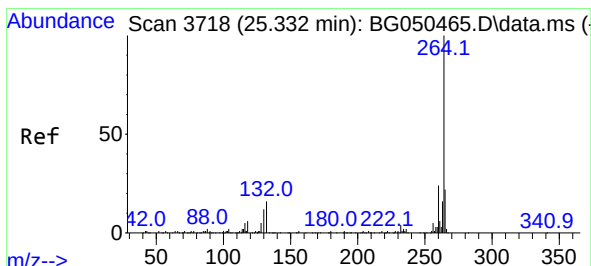
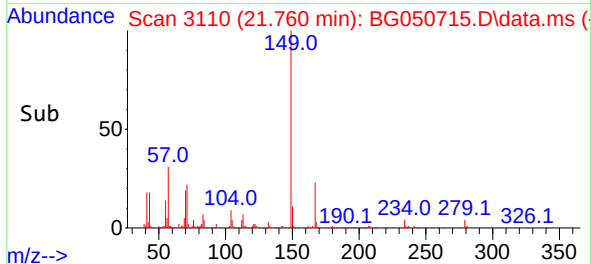
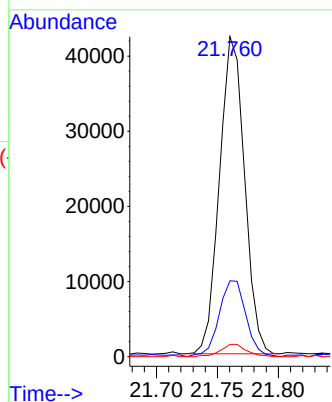
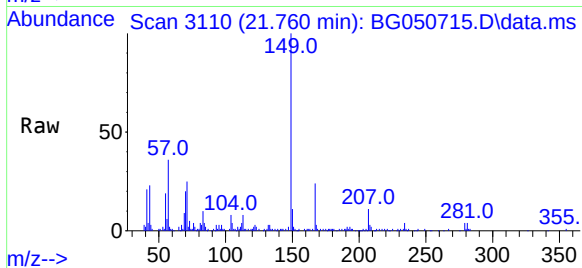




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.433 ng
RT: 21.760 min Scan# 3110
Delta R.T. -0.017 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

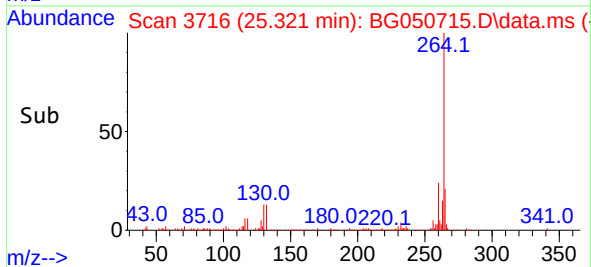
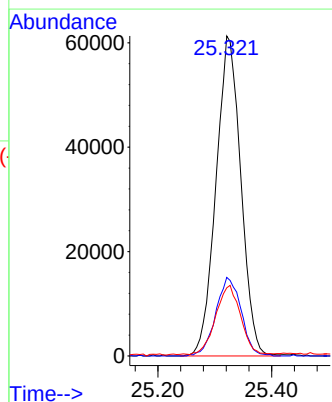
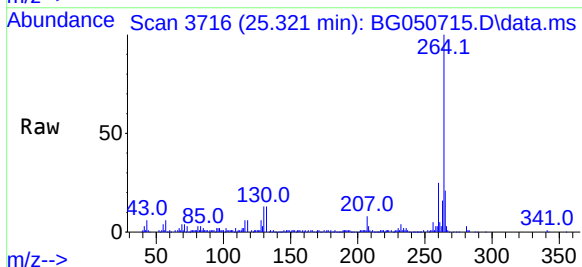
Instrument :
BNA_G
ClientSampleId :
BB-SAMPLE-1

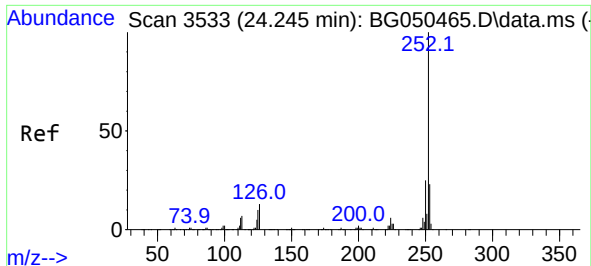
Tgt Ion:149 Resp: 60404
Ion Ratio Lower Upper
149 100
167 23.7 22.3 33.5
279 3.8 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.321 min Scan# 3716
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Tgt Ion:264 Resp: 185771
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.3 16.9 25.3

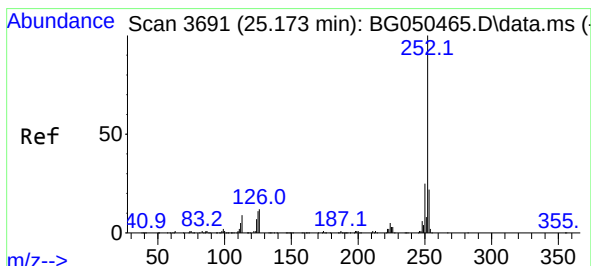
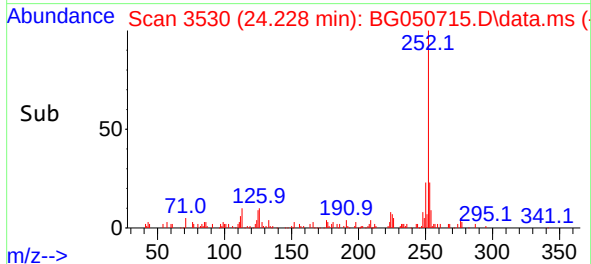
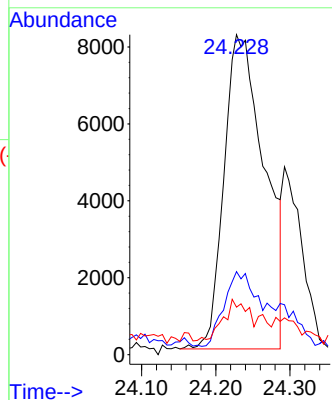
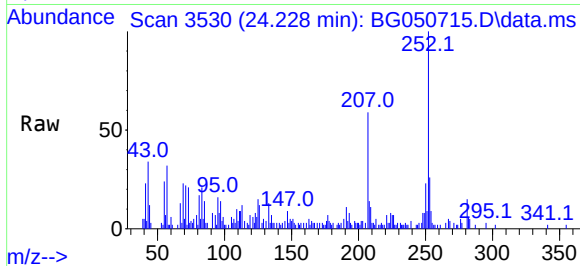




#88
Benzo(b)fluoranthene
Concen: 2.727 ng
RT: 24.228 min Scan# 3530
Delta R.T. -0.017 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Instrument :
BNA_G
ClientSampled :
BB-SAMPLE-1

Tgt Ion:252 Resp: 31025
Ion Ratio Lower Upper
252 100
253 25.9 16.2 24.4#
125 14.8 3.0 4.4#



#90
Benzo(a)pyrene
Concen: 2.303 ng
RT: 25.162 min Scan# 3689
Delta R.T. -0.012 min
Lab File: BG050715.D
Acq: 25 Oct 2021 18:03

Tgt Ion:252 Resp: 22281
Ion Ratio Lower Upper
252 100
253 26.3 16.6 25.0#
125 12.8 3.5 5.3#

