

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050713.D
 Acq On : 25 Oct 2021 16:40
 Operator : CG/JU
 Sample : M4329-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC124042

Quant Time: Oct 26 02:15:01 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)

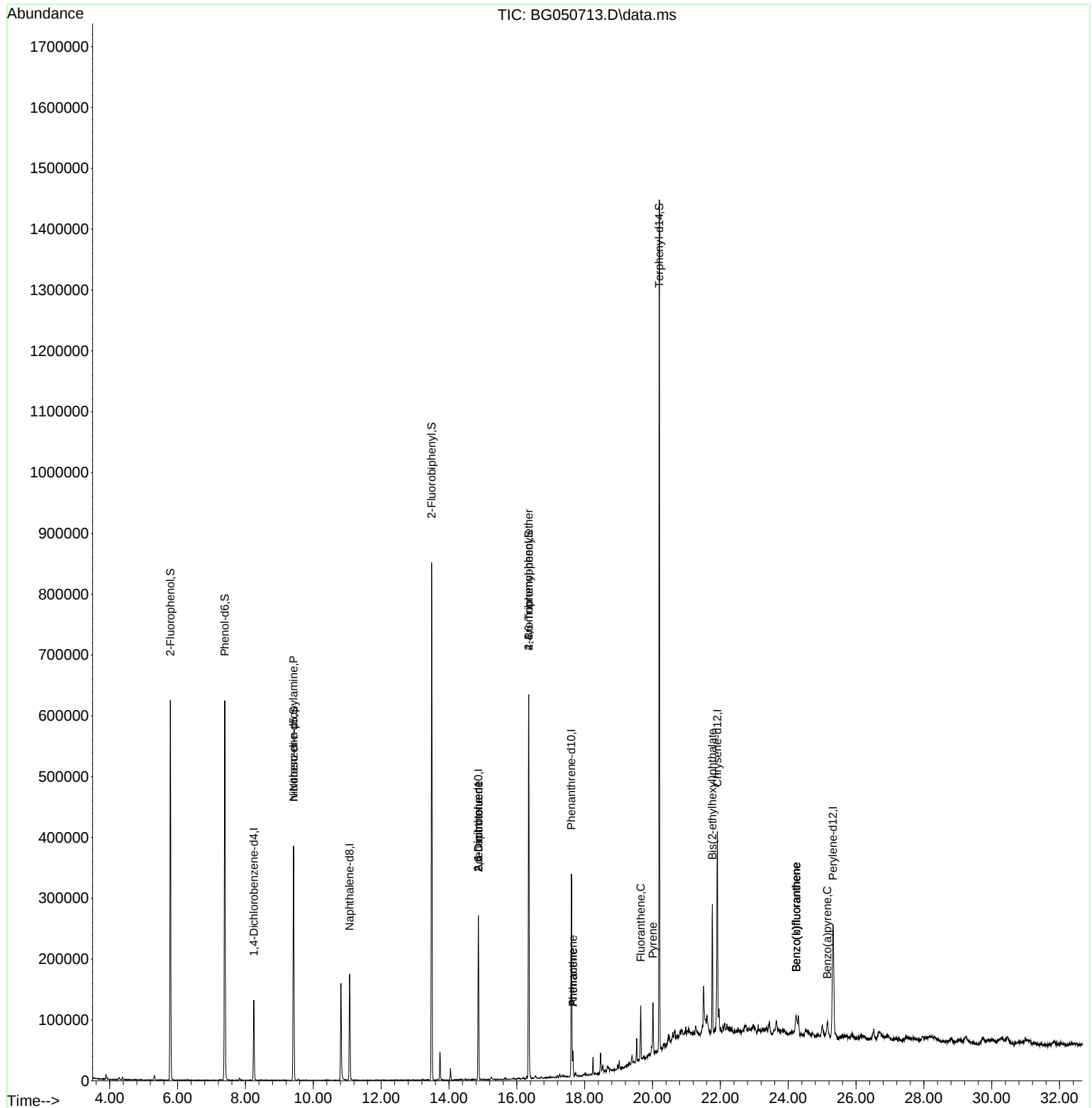
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	35656	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	146871	20.000	ng	#-0.01
39) Acenaphthene-d10	14.865	164	94130	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	199370	20.000	ng	# 0.00
76) Chrysene-d12	21.910	240	188083	20.000	ng	#-0.01
86) Perylene-d12	25.318	264	187195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	259428	108.813	ng	0.00
7) Phenol-d6	7.392	99	348231	100.882	ng	0.00
23) Nitrobenzene-d5	9.419	82	247059	69.634	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	93150	103.750	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	418599	66.929	ng	-0.01
79) Terphenyl-d14	20.200	244	604680	62.654	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.386	77	1012	Below Cal	#	24
19) n-Nitroso-di-n-propyla...	9.419	70	33820	13.442	ng	# 68
51) 2,6-Dinitrotoluene	14.865	165	12102	8.492	ng	# 11
57) 2,4-Dinitrotoluene	14.865	165	12102	6.025	ng	# 17
67) 4-Bromophenyl-phenylether	16.352	248	7457	3.712	ng	# 1
71) Phenanthrene	17.650	178	25989	2.474	ng	94
72) Anthracene	17.650	178	25989	2.489	ng	97
75) Fluoranthene	19.654	202	55029	4.261	ng	93
78) Pyrene	20.012	202	50890	3.814	ng	98
84) Bis(2-ethylhexyl)phtha...	21.763	149	84802	10.574	ng	# 97
88) Benzo(b)fluoranthene	24.237	252	36343	3.170	ng	# 87
89) Benzo(k)fluoranthene	24.237	252	36343	3.222	ng	# 91
90) Benzo(a)pyrene	25.153	252	22870	2.346	ng	# 91

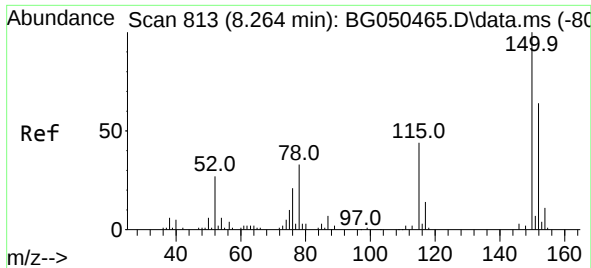
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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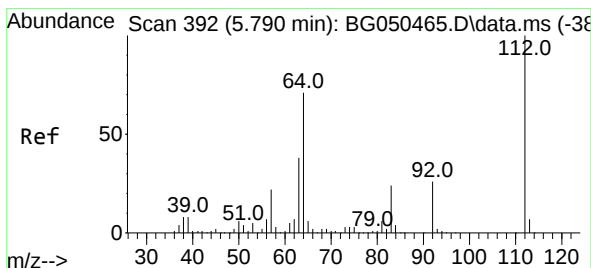
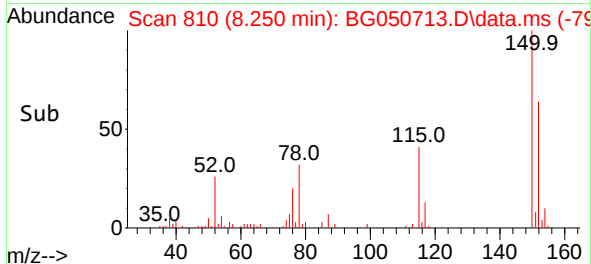
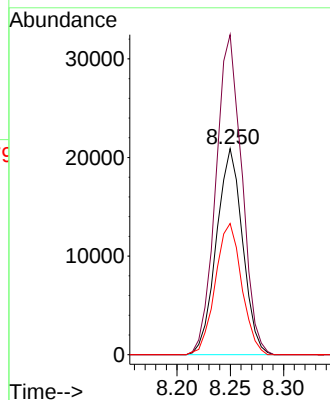
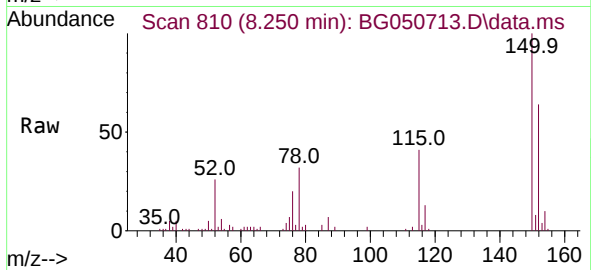




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.250 min Scan# 810
Delta R.T. -0.008 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

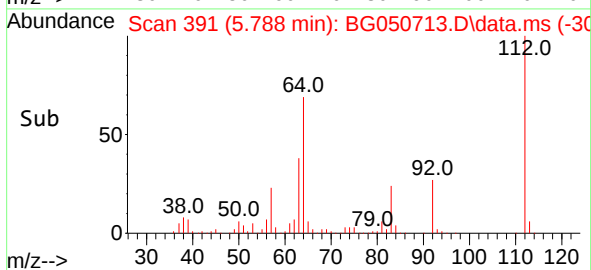
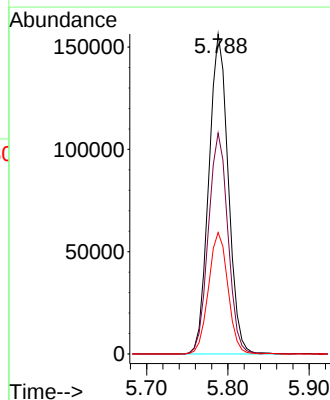
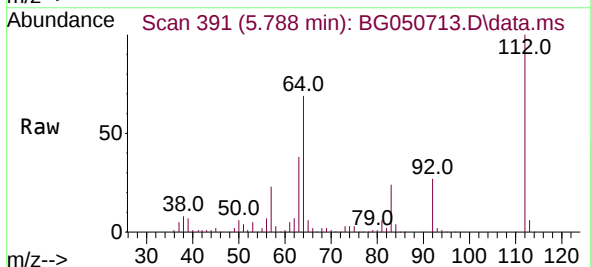
Instrument :
BNA_G
ClientSampleId :
PSC124042

Tgt Ion:152 Resp: 35656
Ion Ratio Lower Upper
152 100
150 155.3 119.4 179.0
115 63.7 60.2 90.4



#5
2-Fluorophenol
Concen: 108.813 ng
RT: 5.788 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:112 Resp: 259428
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 38.0 35.3 52.9

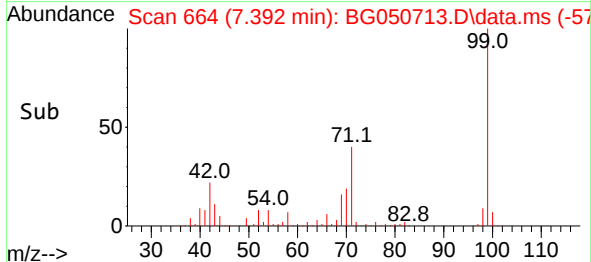
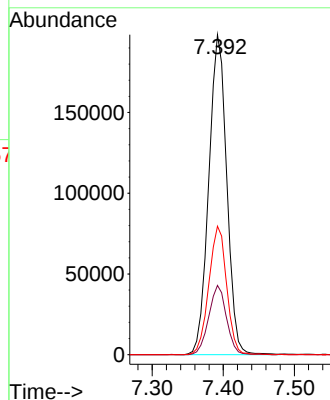
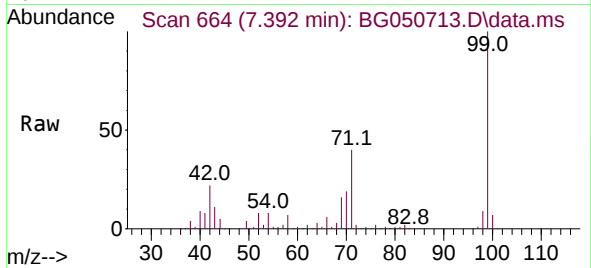




#7
Phenol-d6
Concen: 100.882 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

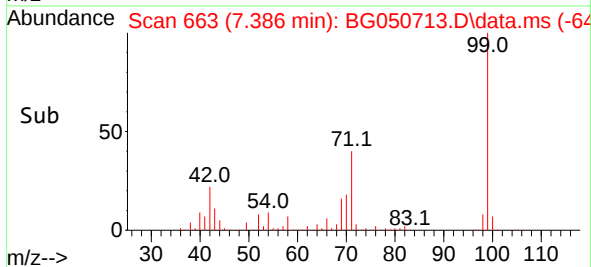
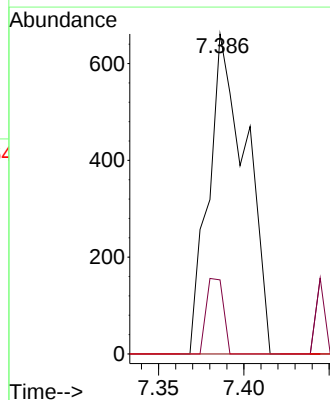
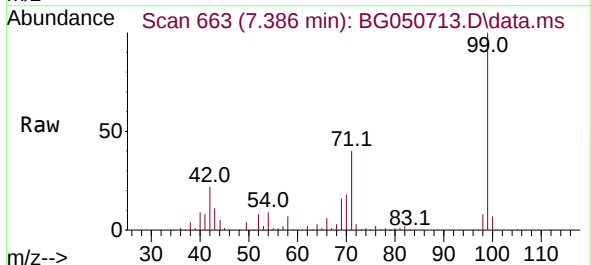
Instrument :
BNA_G
ClientSampleId :
PSC124042

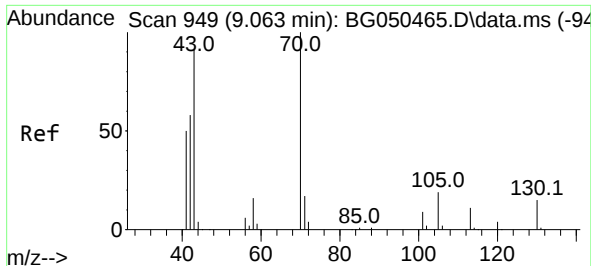
Tgt Ion: 99 Resp: 348231
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 40.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.386 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion: 77 Resp: 1012
Ion Ratio Lower Upper
77 100
105 23.1 68.8 108.8#
106 0.0 47.9 87.9#

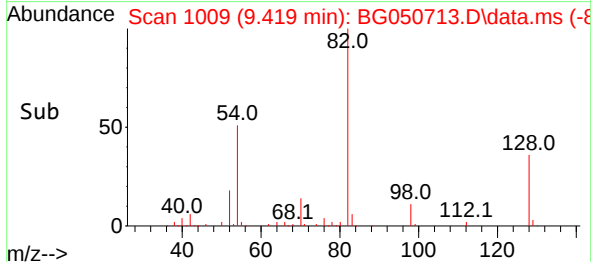
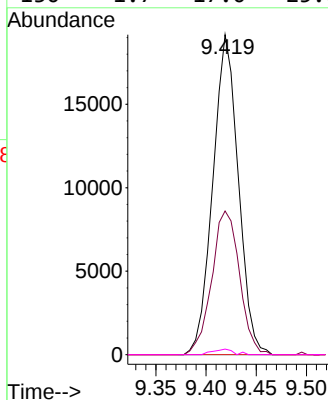
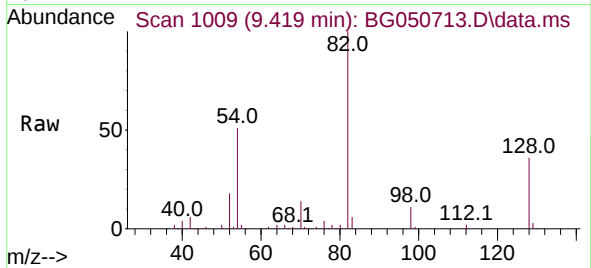




#19
n-Nitroso-di-n-propylamine
Concen: 13.442 ng
RT: 9.419 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

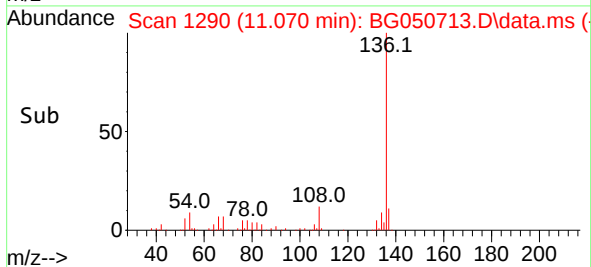
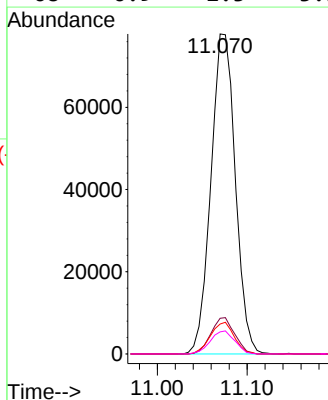
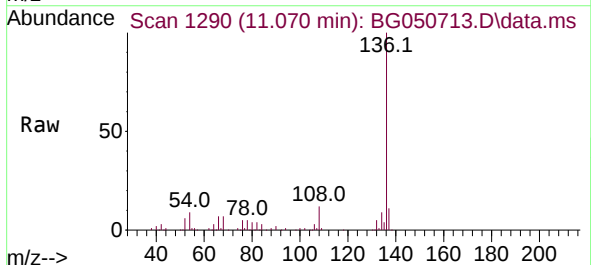
Instrument :
BNA_G
ClientSampleId :
PSC124042

Tgt Ion: 70 Resp: 33820
Ion Ratio Lower Upper
70 100
42 44.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1290
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:136 Resp: 146871
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.4 5.5 8.3#
68 6.9 2.3 3.5#

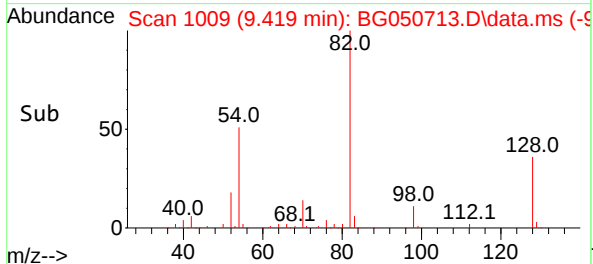
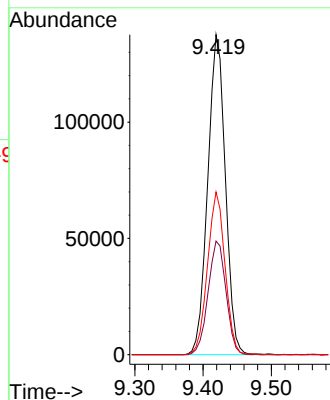
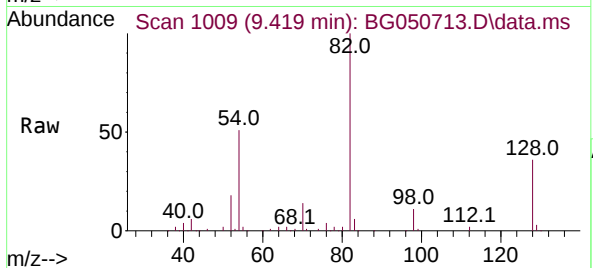




#23
Nitrobenzene-d5
Concen: 69.634 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

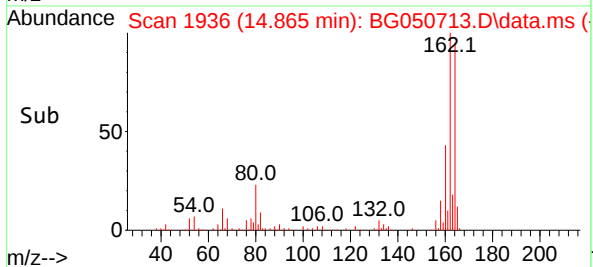
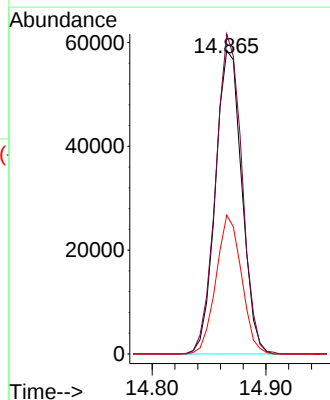
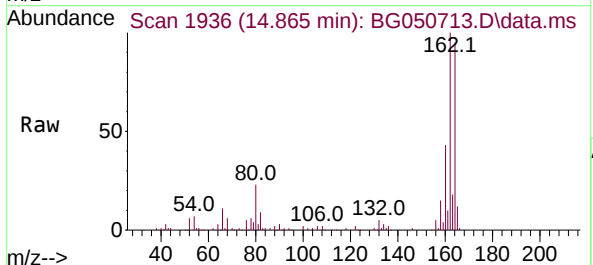
Instrument :
BNA_G
ClientSampleId :
PSC124042

Tgt Ion: 82 Resp: 247059
Ion Ratio Lower Upper
82 100
128 35.5 29.8 44.6
54 50.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:164 Resp: 94130
Ion Ratio Lower Upper
164 100
162 105.4 81.4 122.0
160 45.7 34.9 52.3

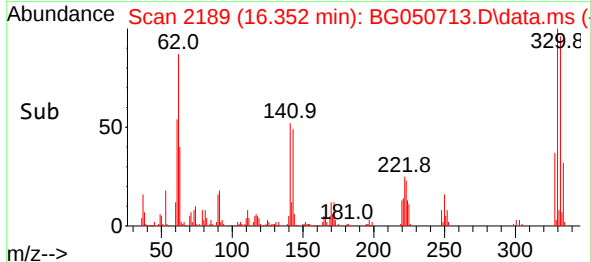
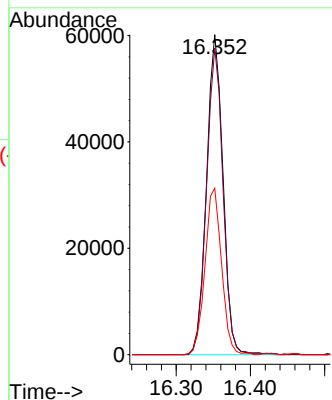
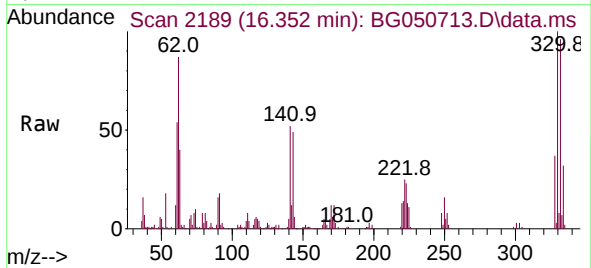




#42
2,4,6-Tribromophenol
Concen: 103.750 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

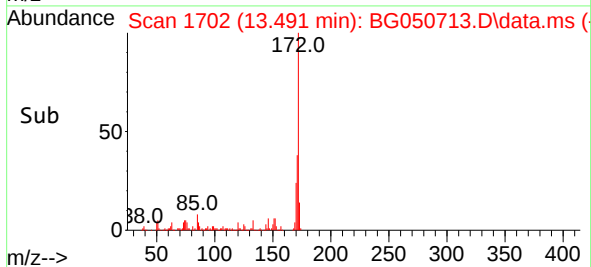
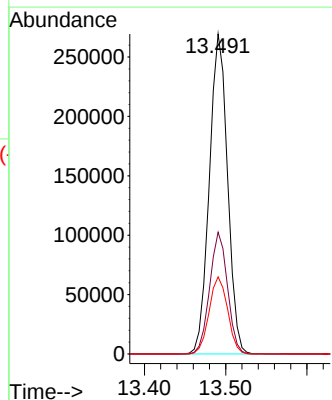
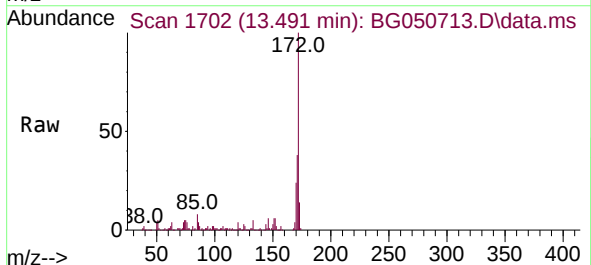
Instrument :
BNA_G
ClientSampleId :
PSC124042

Tgt Ion:330 Resp: 93150
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 52.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 66.929 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:172 Resp: 418599
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 24.1 18.6 27.8

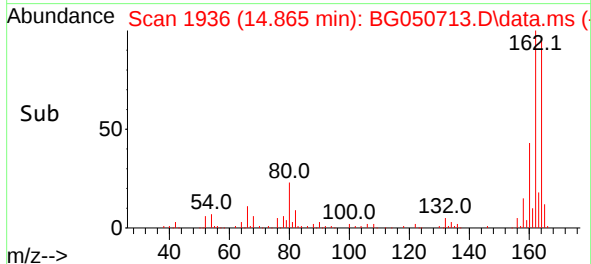
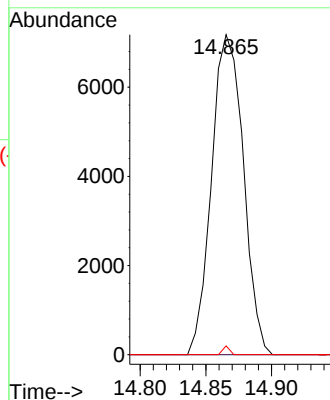
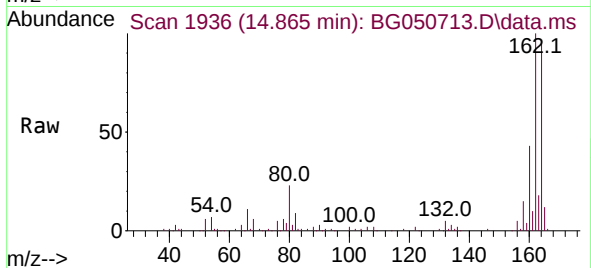




#51
2,6-Dinitrotoluene
Concen: 8.492 ng
RT: 14.865 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

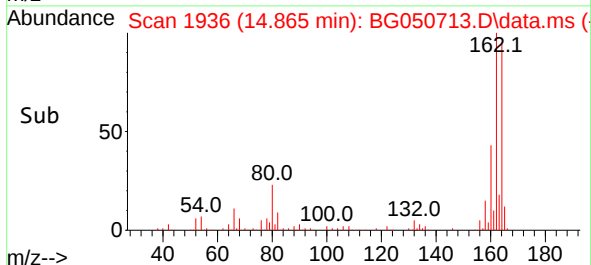
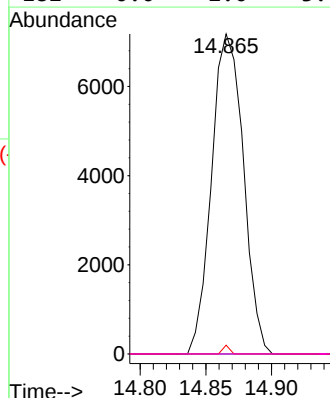
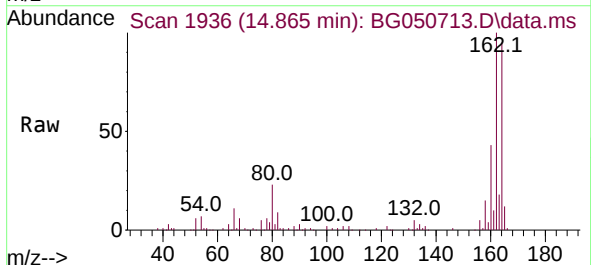
Instrument :
BNA_G
ClientSampleId :
PSC124042

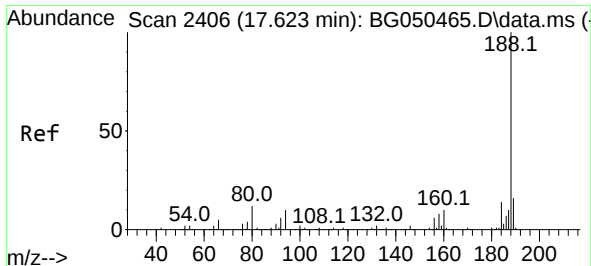
Tgt Ion:165 Resp: 12102
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.8 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.025 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.361 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:165 Resp: 12102
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.8 65.4 98.0#
182 0.0 2.0 3.0#

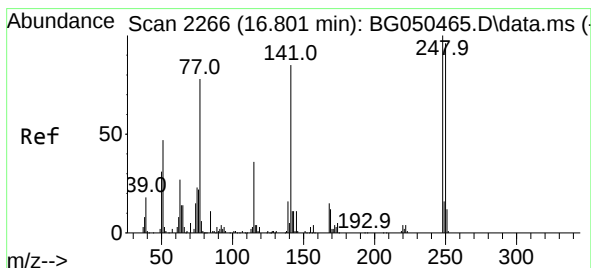
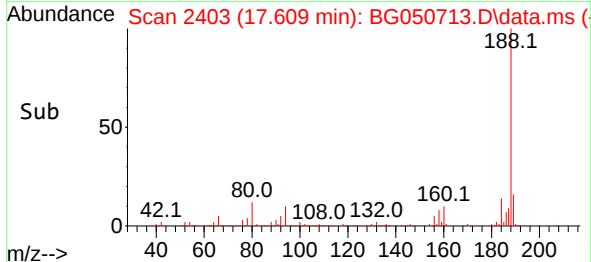
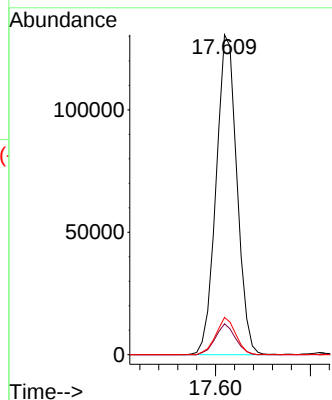
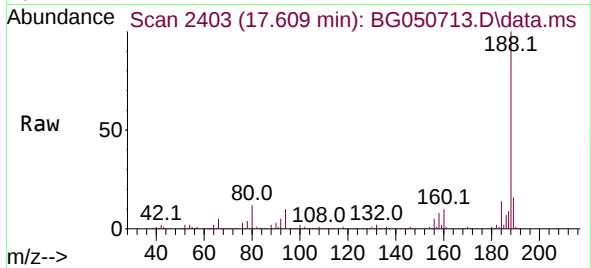




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.609 min Scan# 2403
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

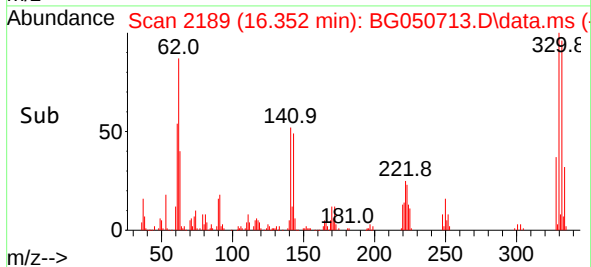
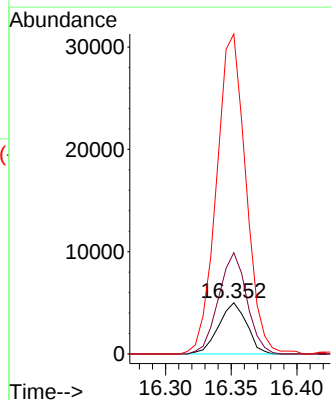
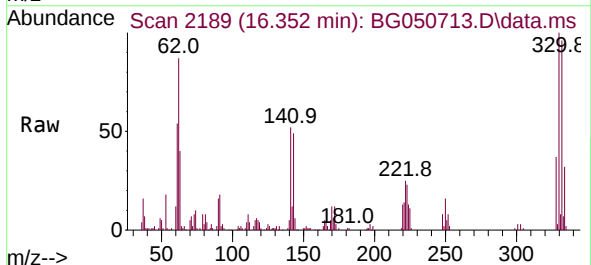
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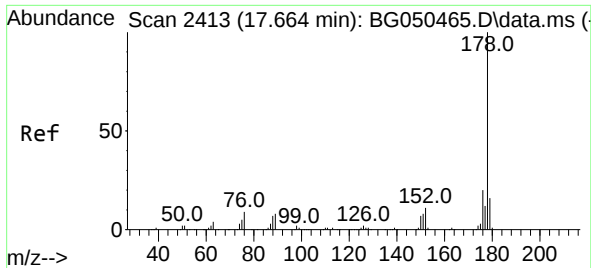
Tgt Ion:188 Resp: 199370
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 11.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.712 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.449 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:248 Resp: 7457
Ion Ratio Lower Upper
248 100
250 197.8 76.1 114.1#
141 624.9 65.4 98.2#

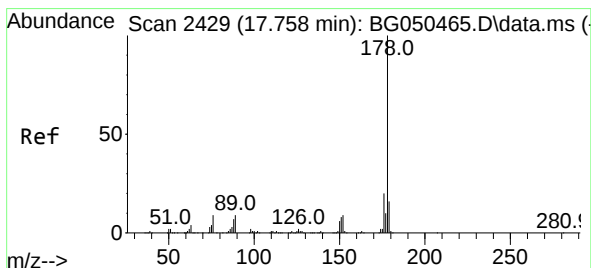
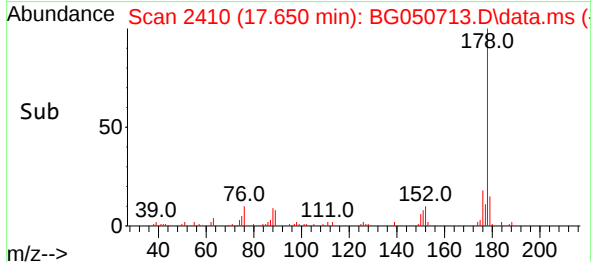
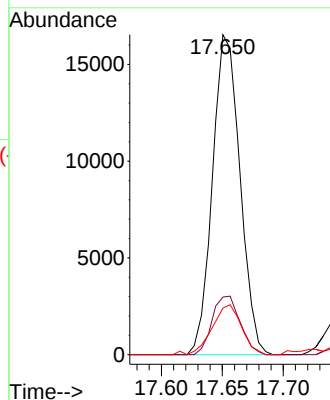
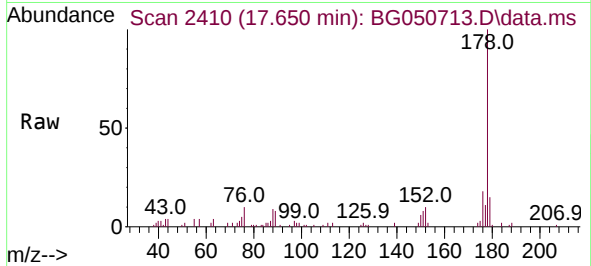




#71
Phenanthrene
Concen: 2.474 ng
RT: 17.650 min Scan# 2410
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

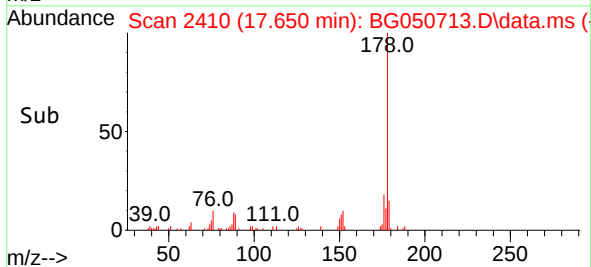
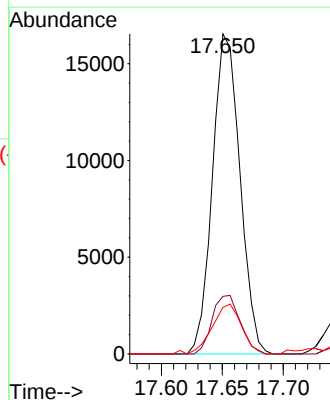
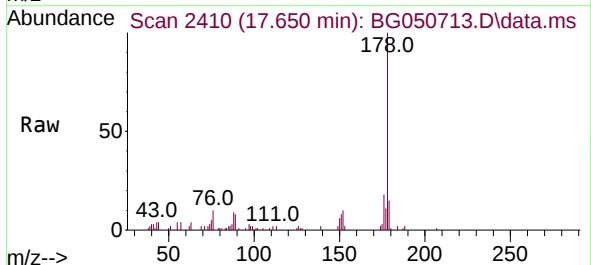
Instrument :
BNA_G
ClientSampleId :
PSC124042

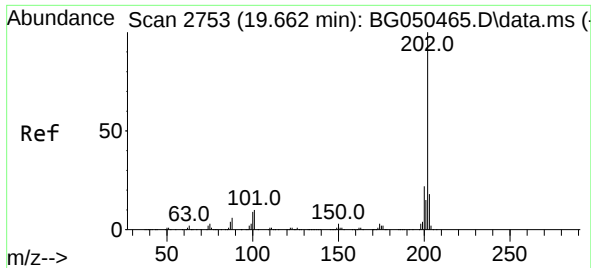
Tgt Ion:	178	Resp:	25989
Ion Ratio	Lower	Upper	
178	100		
176	18.0	16.0	24.0
179	14.6	14.2	21.4



#72
Anthracene
Concen: 2.489 ng
RT: 17.650 min Scan# 2410
Delta R.T. -0.103 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:	178	Resp:	25989
Ion Ratio	Lower	Upper	
178	100		
176	18.0	14.6	21.8
179	14.6	13.4	20.0

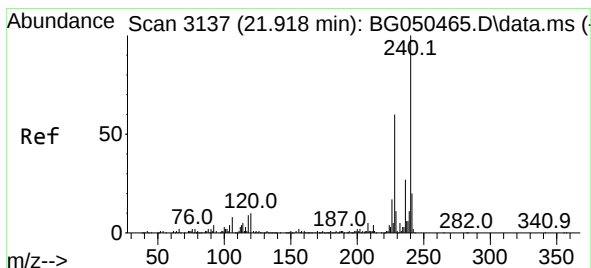
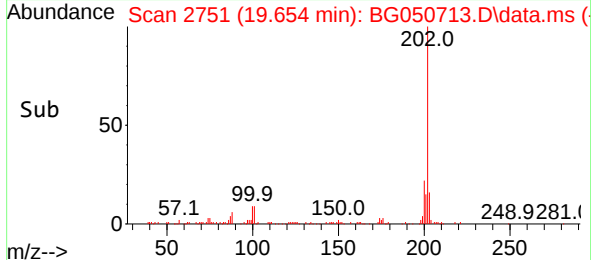
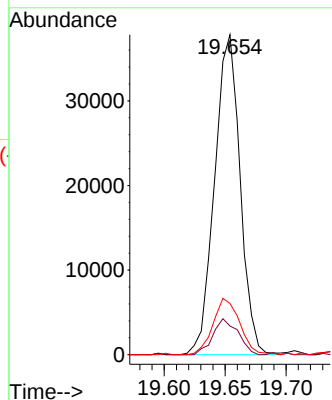
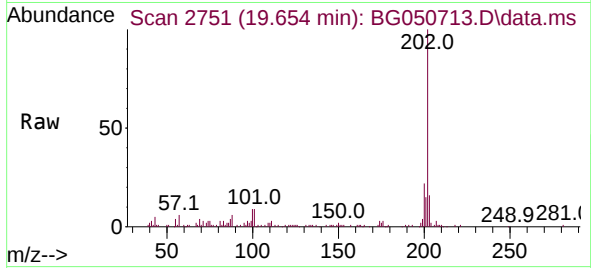




#75
Fluoranthene
Concen: 4.261 ng
RT: 19.654 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

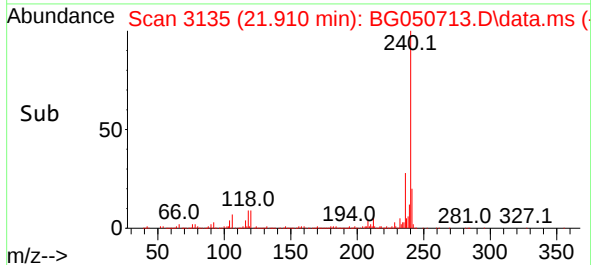
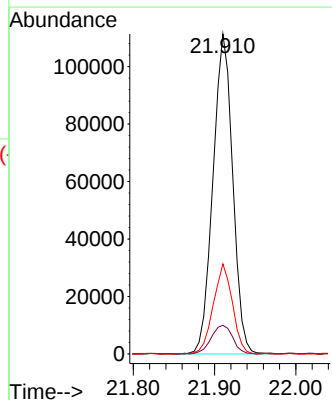
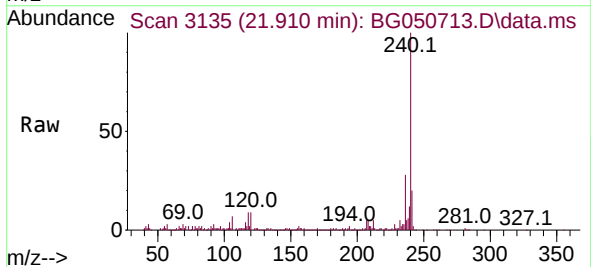
Instrument :
BNA_G
ClientSampleId :
PSC124042

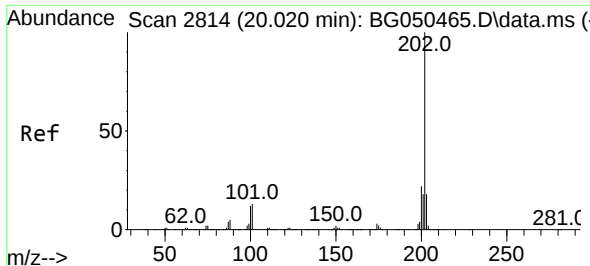
Tgt Ion:202 Resp: 55029
Ion Ratio Lower Upper
202 100
101 8.9 0.0 24.7
203 16.0 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:240 Resp: 188083
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 28.2 21.8 32.6

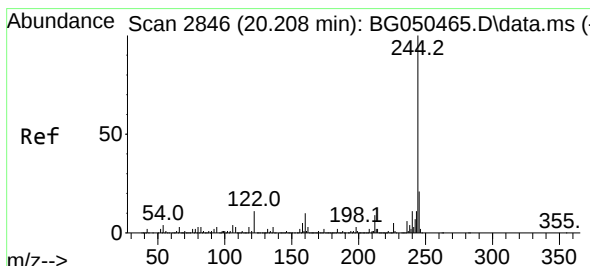
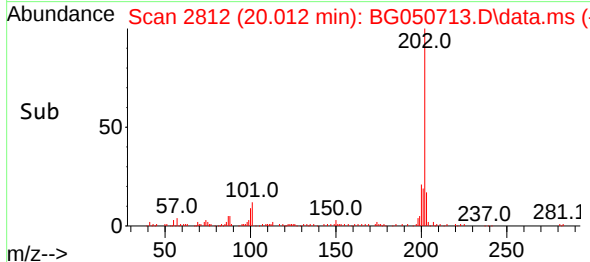
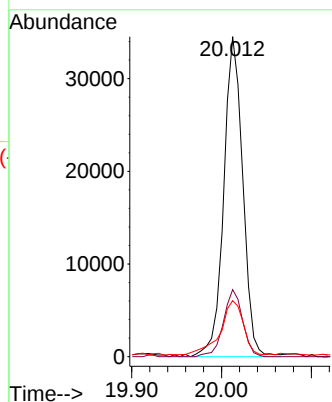
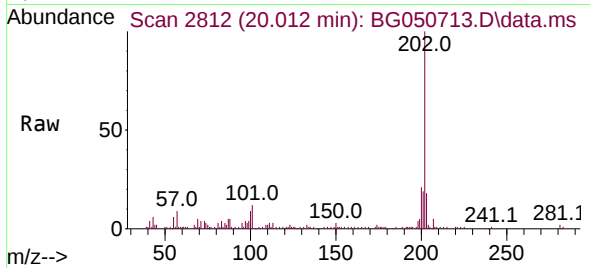




#78
Pyrene
Concen: 3.814 ng
RT: 20.012 min Scan# 2812
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

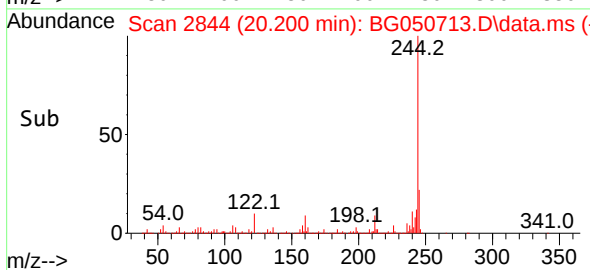
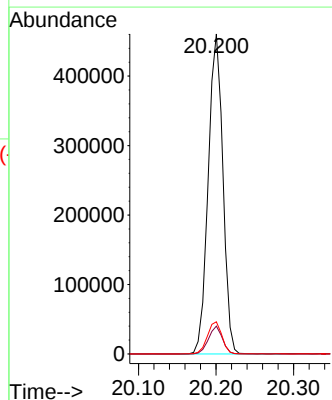
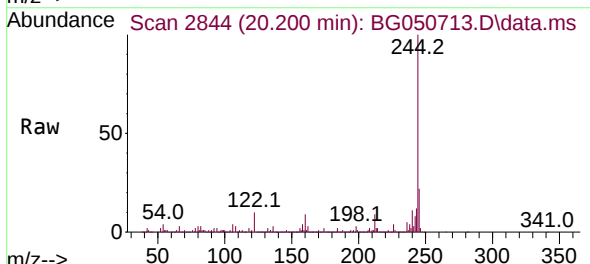
Instrument :
BNA_G
ClientSampleId :
PSC124042

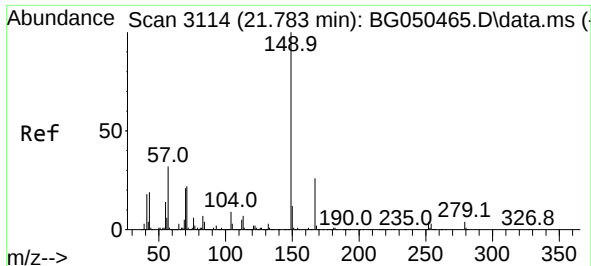
Tgt Ion:	202	Resp:	50890
Ion Ratio	Lower	Upper	
202	100		
200	20.9	15.8	23.8
203	17.5	14.6	21.8



#79
Terphenyl-d14
Concen: 62.654 ng
RT: 20.200 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:	244	Resp:	604680
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.9	10.3
122	10.1	5.0	7.6#

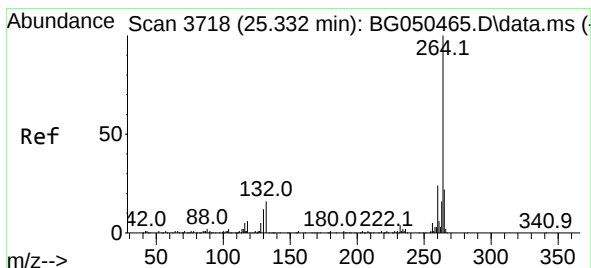
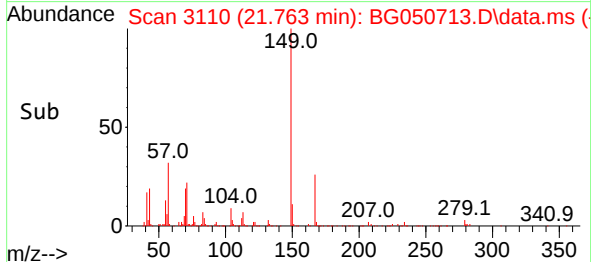
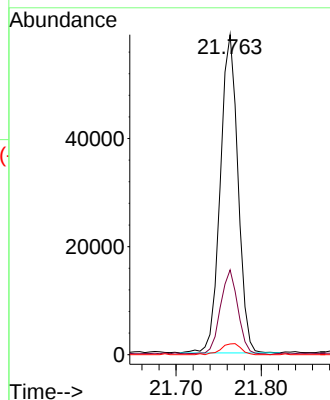
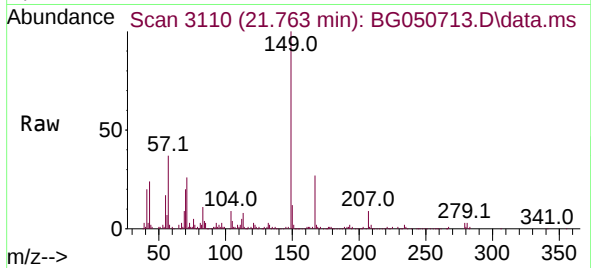




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.574 ng
RT: 21.763 min Scan# 3110
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

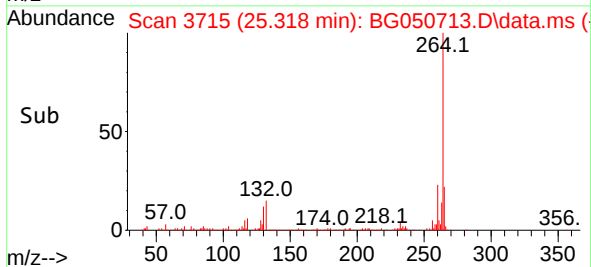
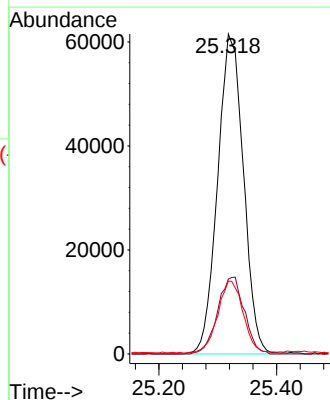
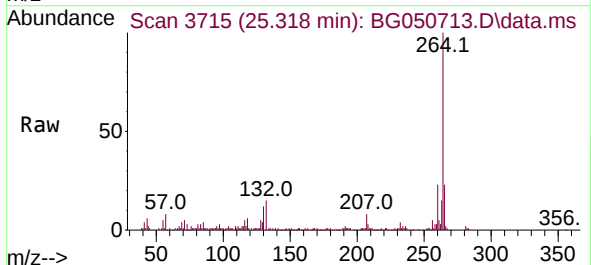
Instrument :
BNA_G
ClientSampleId :
PSC124042

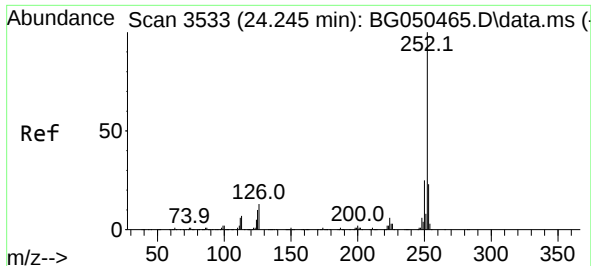
Tgt Ion:149 Resp: 84802
Ion Ratio Lower Upper
149 100
167 26.5 22.3 33.5
279 3.4 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.318 min Scan# 3715
Delta R.T. -0.015 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:264 Resp: 187195
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 22.7 16.9 25.3

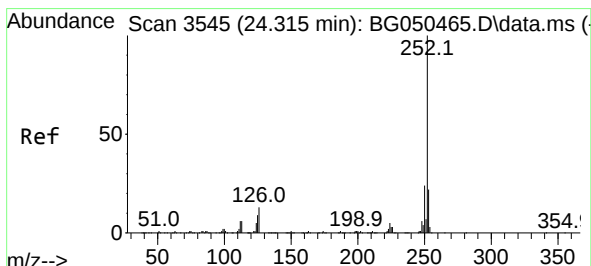
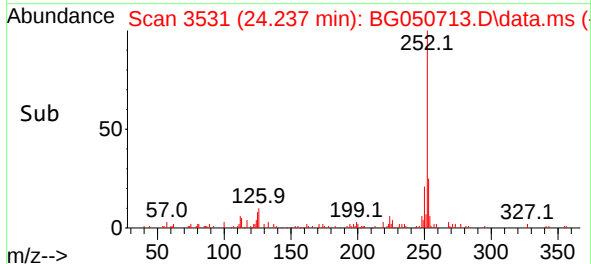
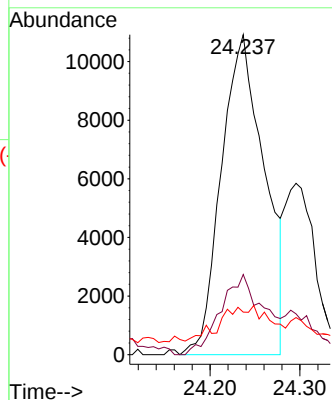
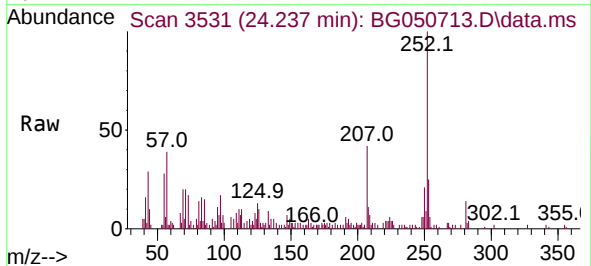




#88
Benzo(b)fluoranthene
Concen: 3.170 ng
RT: 24.237 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

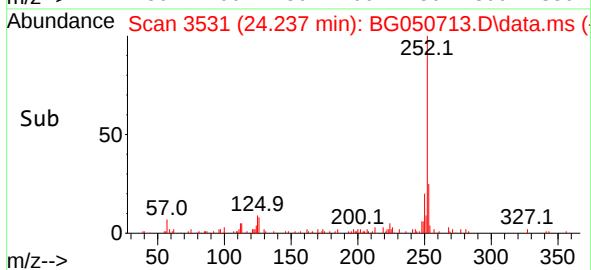
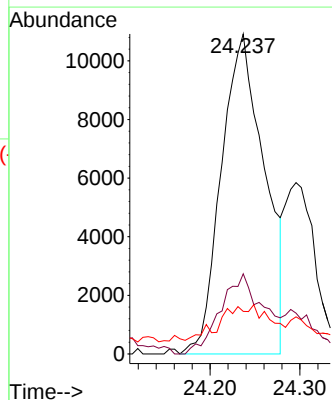
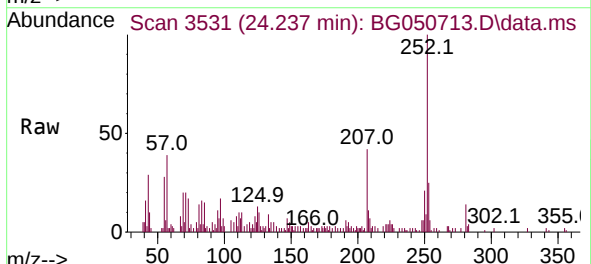
Instrument :
BNA_G
ClientSampleId :
PSC124042

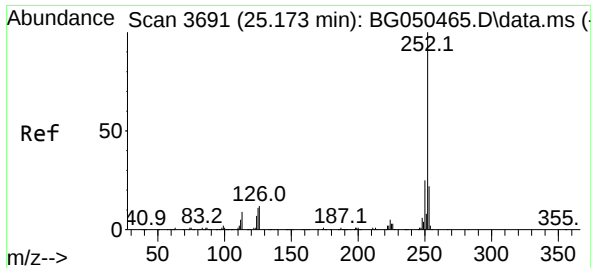
Tgt Ion:252 Resp: 36343
Ion Ratio Lower Upper
252 100
253 25.0 16.2 24.4#
125 13.3 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 3.222 ng
RT: 24.237 min Scan# 3531
Delta R.T. -0.079 min
Lab File: BG050713.D
Acq: 25 Oct 2021 16:40

Tgt Ion:252 Resp: 36343
Ion Ratio Lower Upper
252 100
253 25.0 18.0 27.0
125 13.3 3.1 4.7#





#90
 Benzo(a)pyrene
 Concen: 2.346 ng
 RT: 25.153 min Scan# 3687
 Delta R.T. -0.020 min
 Lab File: BG050713.D
 Acq: 25 Oct 2021 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PSC124042

Tgt Ion:252 Resp: 22870
 Ion Ratio Lower Upper
 252 100
 253 19.2 16.6 25.0
 125 16.8 3.5 5.3#

