

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049817.D
 Acq On : 12 Aug 2021 14:22
 Operator : CG/JU
 Sample : M3333-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124042

Quant Time: Aug 12 14:58:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

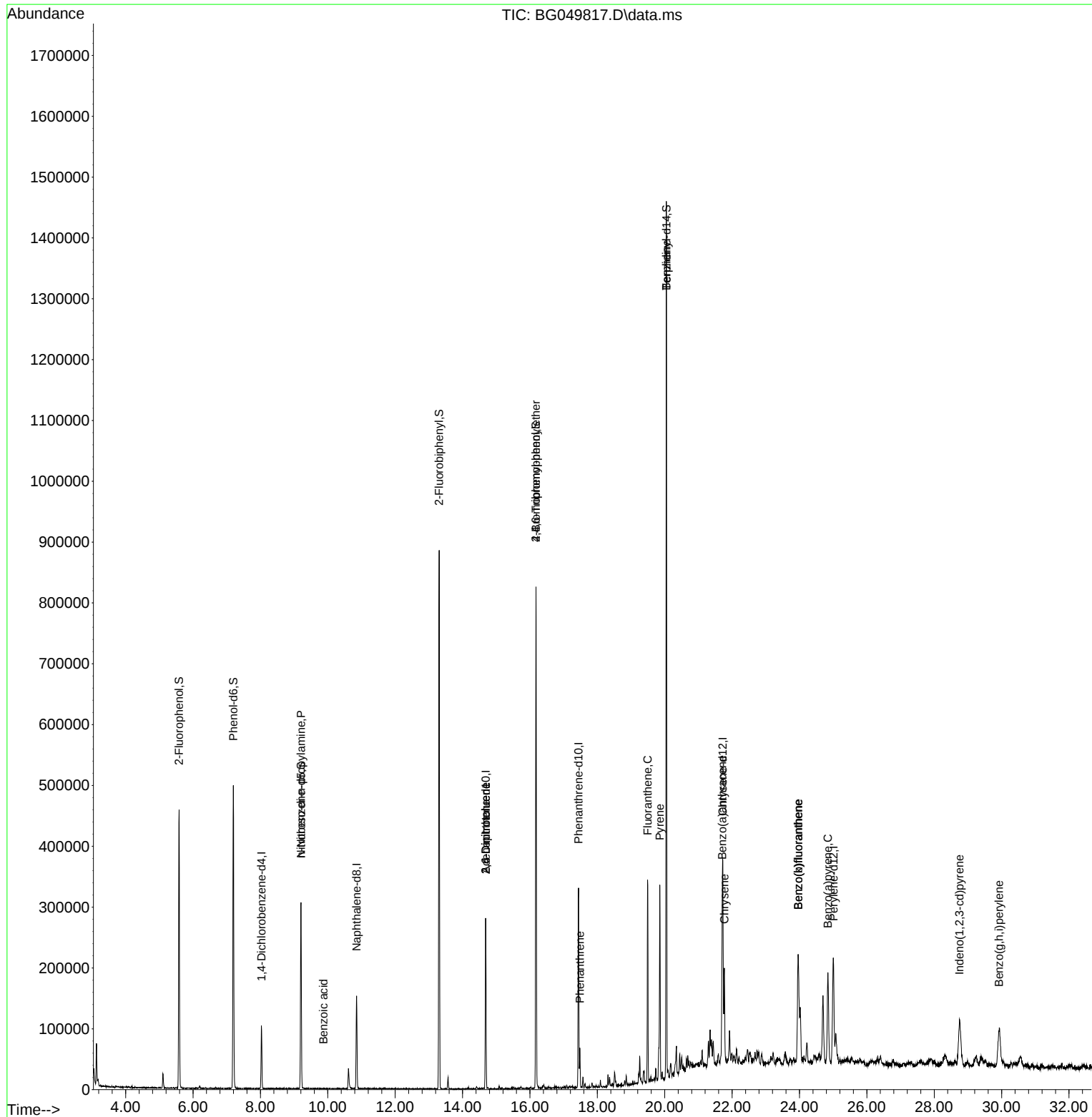
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	28262	20.000	ng	0.00
21) Naphthalene-d8	10.856	136	128124	20.000	ng	-0.01
39) Acenaphthene-d10	14.686	164	101221	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	206586	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	173193	20.000	ng	0.00
86) Perylene-d12	25.013	264	185987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	186613	118.365	ng	0.00
7) Phenol-d6	7.196	99	274731	115.117	ng	0.00
23) Nitrobenzene-d5	9.205	82	189501	65.449	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	158259	106.370	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	440043	63.257	ng	0.00
79) Terphenyl-d14	20.049	244	658780	69.084	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.205	70	28640	17.933	ng	# 65
32) Benzoic acid	9.875	122	56	4.988	ng	# 1
51) 2,6-Dinitrotoluene	14.686	165	12746	7.580	ng	# 13
57) 2,4-Dinitrotoluene	14.686	165	12746	5.397	ng	# 19
67) 4-Bromophenyl-phenylether	16.178	248	9674	3.976	ng	# 1
71) Phenanthrene	17.482	178	37305	3.432	ng	95
75) Fluoranthene	19.491	202	209093	15.634	ng	96
77) Benzidine	20.049	184	12653	2.851	ng	# 95
78) Pyrene	19.856	202	208973	17.698	ng	98
81) Benzo(a)anthracene	21.706	228	119355	10.582	ng	98
83) Chrysene	21.771	228	121597	11.278	ng	97
87) Indeno(1,2,3-cd)pyrene	28.749	276	135486	10.101	ng	# 95
88) Benzo(b)fluoranthene	23.962	252	244174	20.018	ng	# 95
89) Benzo(k)fluoranthene	23.962	252	244174	21.460	ng	# 99
90) Benzo(a)pyrene	24.843	252	169125	15.321	ng	# 98
92) Benzo(g,h,i)perylene	29.924	276	142116	12.834	ng	97

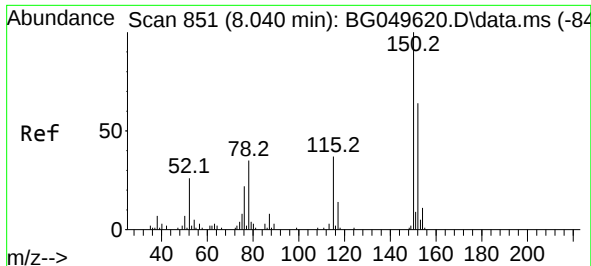
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049817.D
Acq On : 12 Aug 2021 14:22
Operator : CG/JU
Sample : M3333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124042

Quant Time: Aug 12 14:58:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

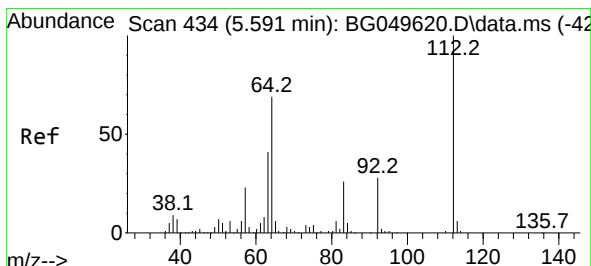
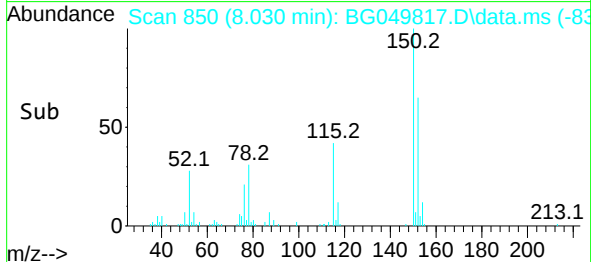
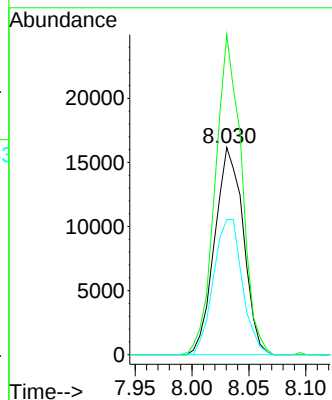
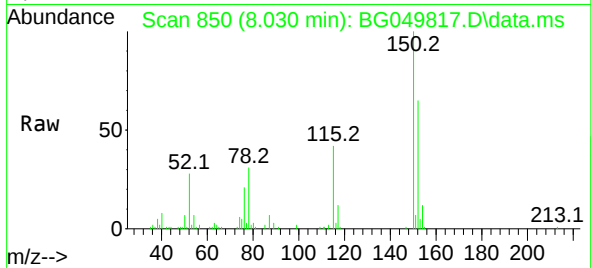




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.030 min Scan# 850
Delta R.T. -0.010 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

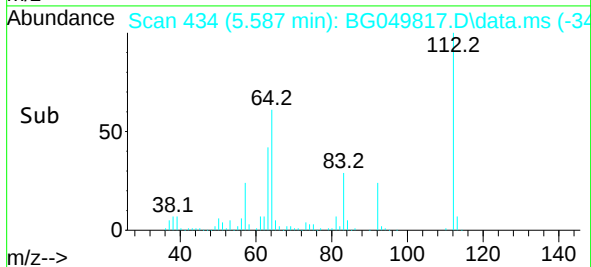
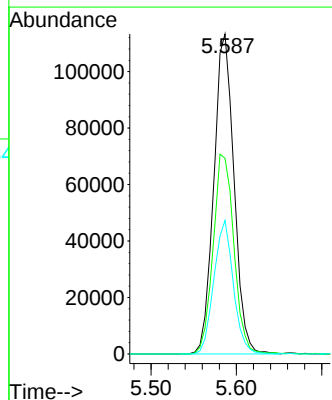
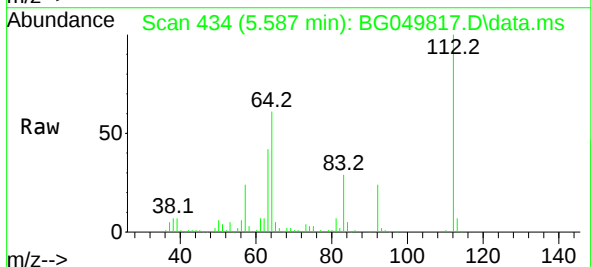
Instrument :
BNA_G
ClientSampleId :
124042

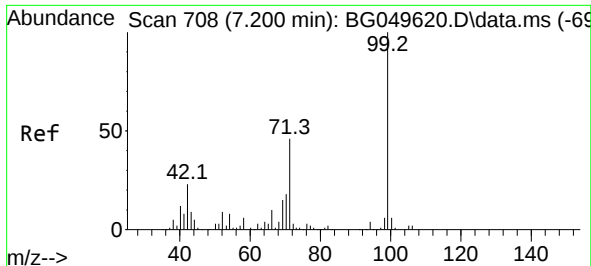
Tgt Ion:152 Resp: 28262
Ion Ratio Lower Upper
152 100
150 154.4 119.4 179.0
115 65.2 60.2 90.4



#5
2-Fluorophenol
Concen: 118.365 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

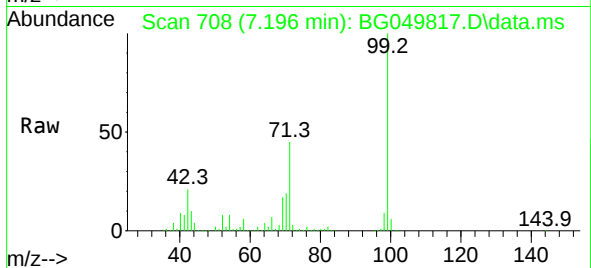
Tgt Ion:112 Resp: 186613
Ion Ratio Lower Upper
112 100
64 61.2 46.7 70.1
63 41.7 35.3 52.9



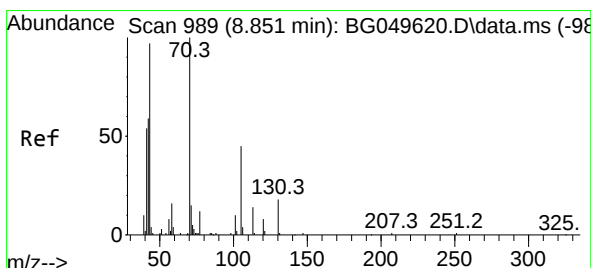
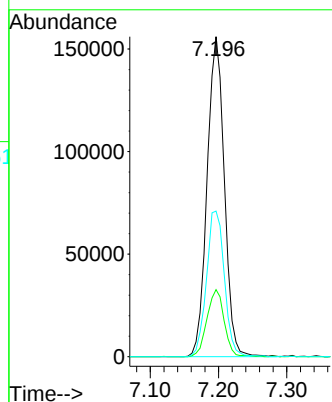
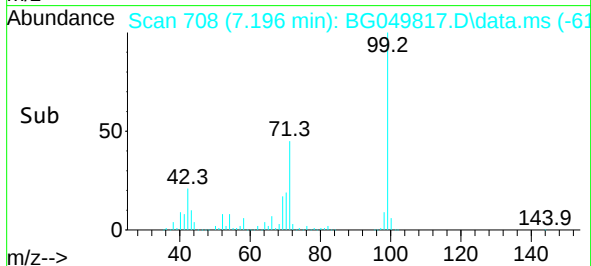


#7
Phenol-d6
Concen: 115.117 ng
RT: 7.196 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

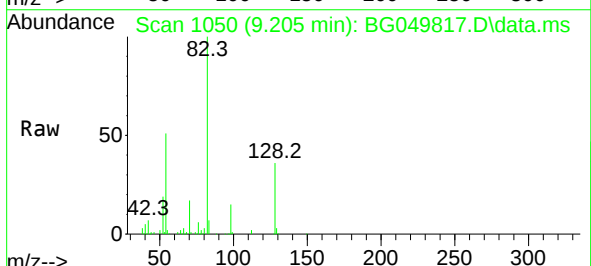
Instrument :
BNA_G
ClientSampled :
124042



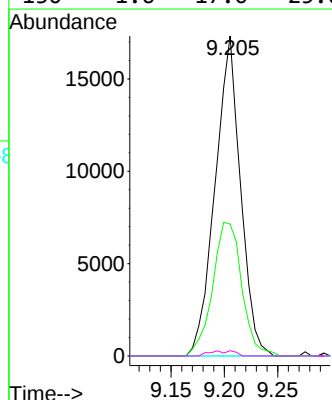
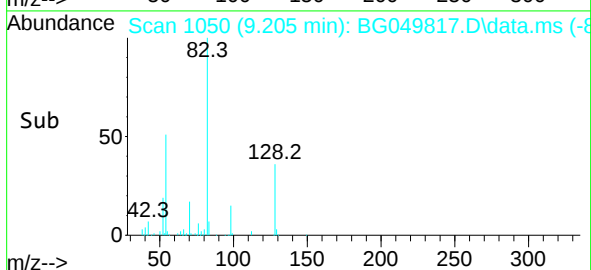
Tgt Ion:	99	Resp:	274731
Ion Ratio	100	Lower	Upper
99	100		
42	20.9	20.5	30.7
71	45.5	41.5	62.3

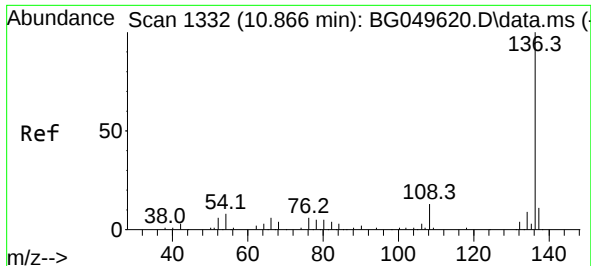


#19
n-Nitroso-di-n-propylamine
Concen: 17.933 ng
RT: 9.205 min Scan# 1050
Delta R.T. 0.354 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22



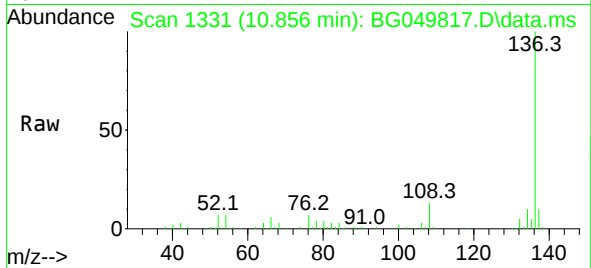
Tgt Ion:	70	Resp:	28640
Ion Ratio	100	Lower	Upper
70	100		
42	41.2	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



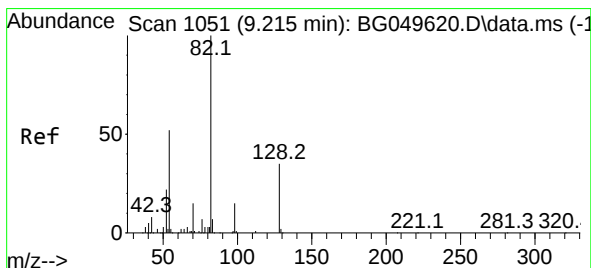
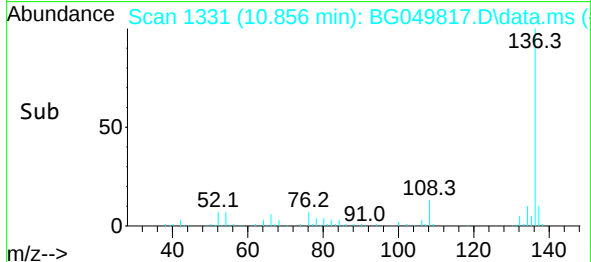
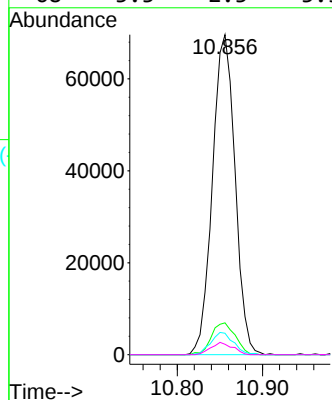


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.856 min Scan# 1331
Delta R.T. -0.010 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Instrument :
BNA_G
ClientSampleId :
124042

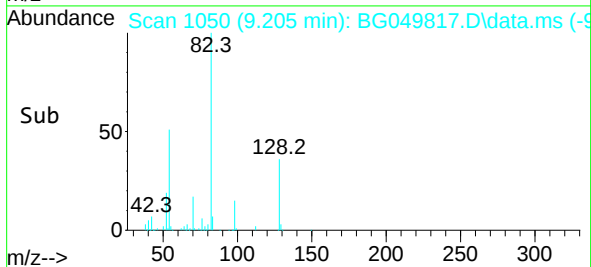
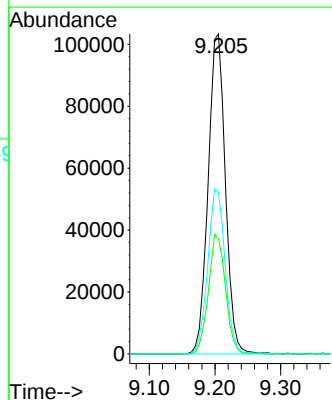
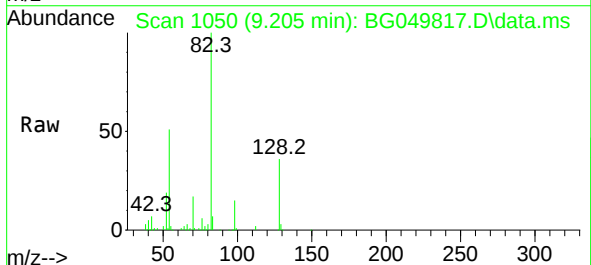


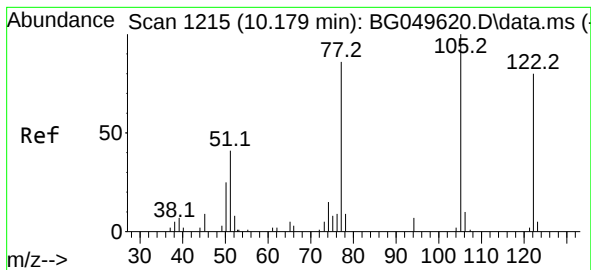
Tgt Ion:	136	Resp:	128124
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.2	12.2
54	6.7	5.5	8.3
68	3.3	2.3	3.5



#23
Nitrobenzene-d5
Concen: 65.449 ng
RT: 9.205 min Scan# 1050
Delta R.T. -0.010 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Tgt Ion:	82	Resp:	189501
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.6
54	50.7	45.8	68.8

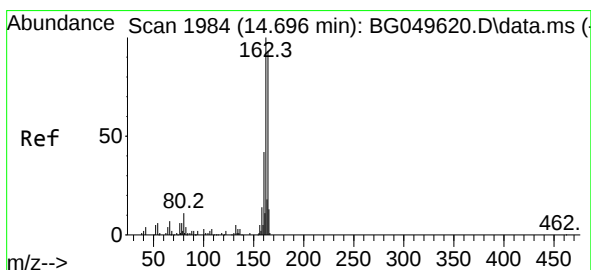
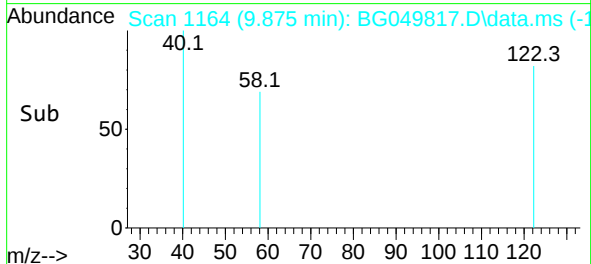
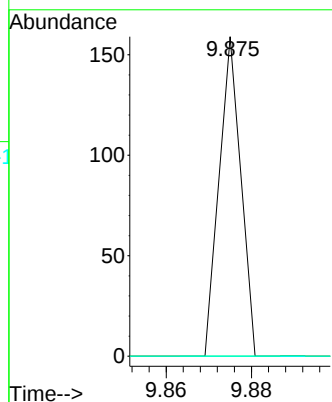
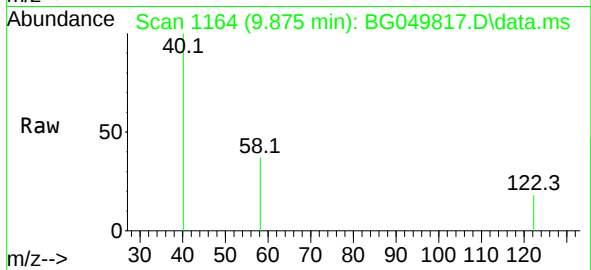




#32
Benzoic acid
Concen: 4.988 ng
RT: 9.875 min Scan# 1164
Delta R.T. -0.304 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

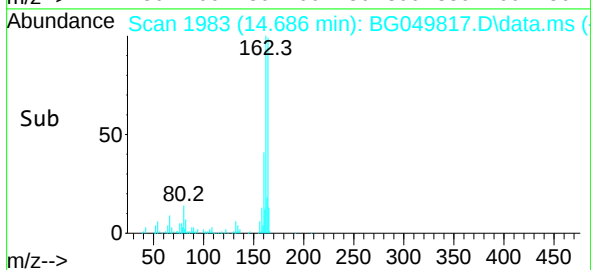
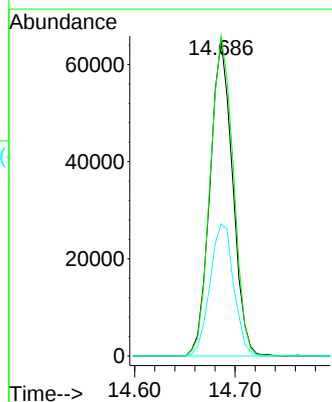
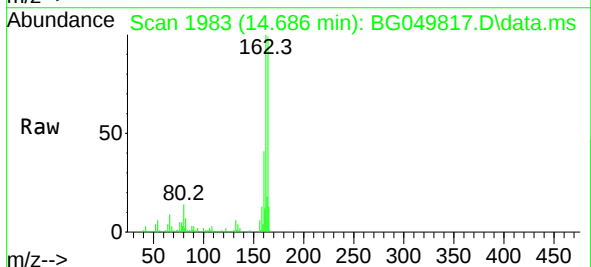
Instrument :
BNA_G
ClientSampleId :
124042

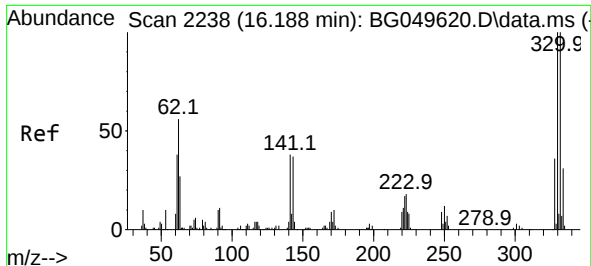
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.686 min Scan# 1983
Delta R.T. -0.010 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

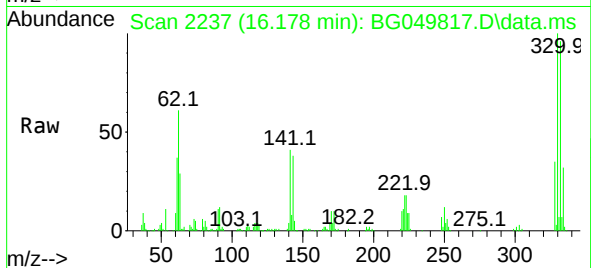
Tgt Ion:164 Resp: 101221
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 41.8 34.9 52.3



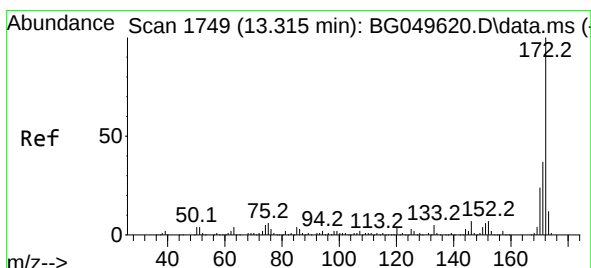
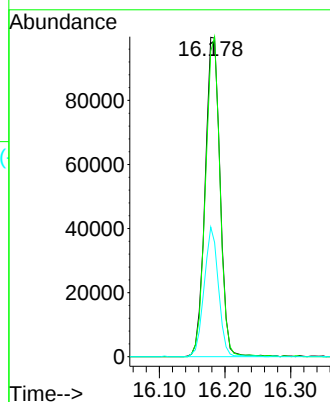
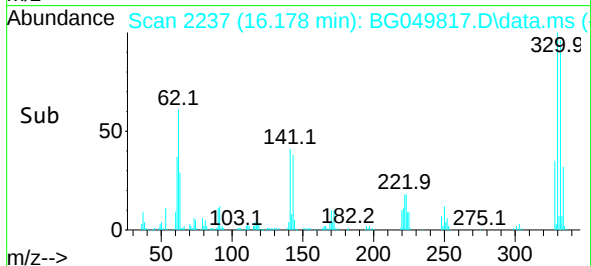


#42
2,4,6-Tribromophenol
Concen: 106.370 ng
RT: 16.178 min Scan# 2237
Delta R.T. -0.010 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

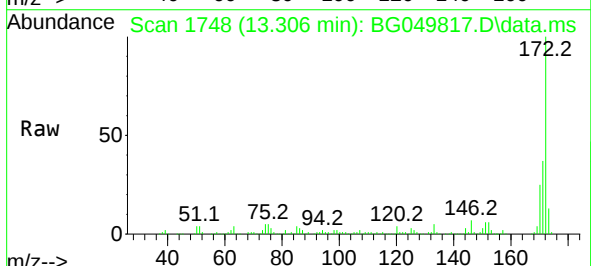
Instrument :
BNA_G
ClientSampleId :
124042



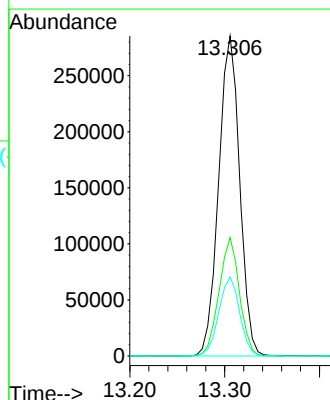
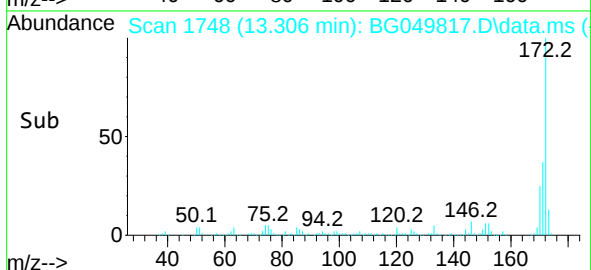
Tgt Ion:330 Resp: 158259
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 38.5 35.6 53.4

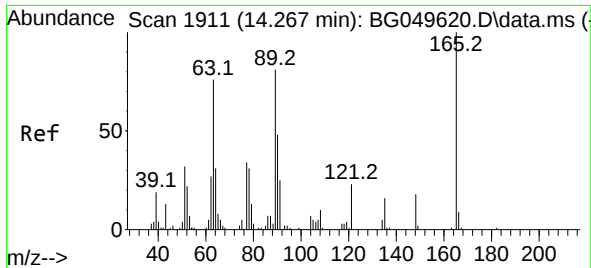


#45
2-Fluorobiphenyl
Concen: 63.257 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.010 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22



Tgt Ion:172 Resp: 440043
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.7 18.6 27.8

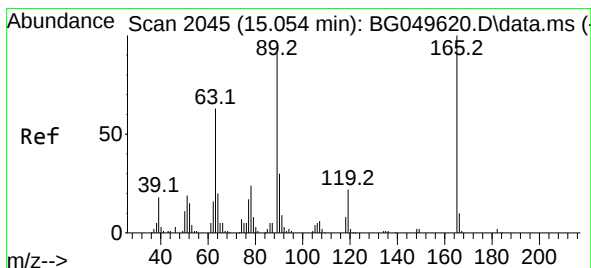
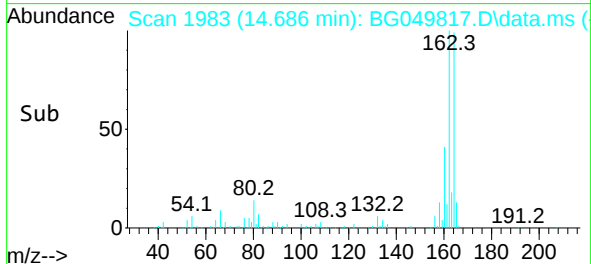
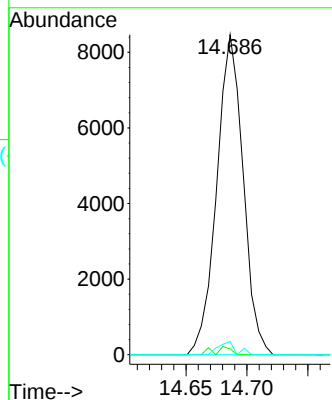
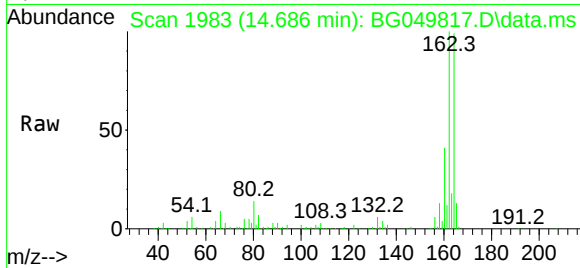




#51
2,6-Dinitrotoluene
Concen: 7.580 ng
RT: 14.686 min Scan# 1983
Delta R.T. 0.419 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

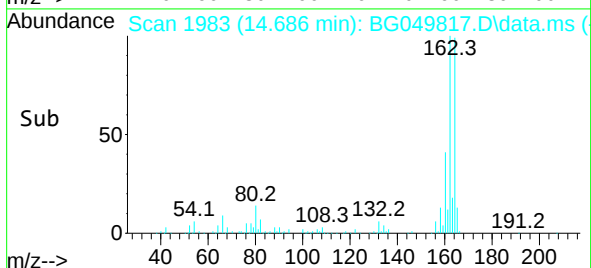
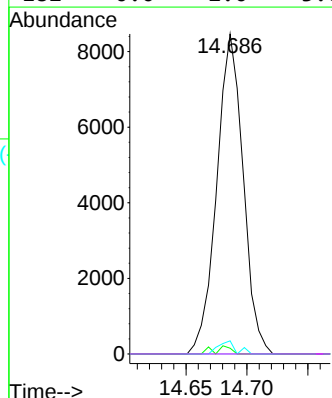
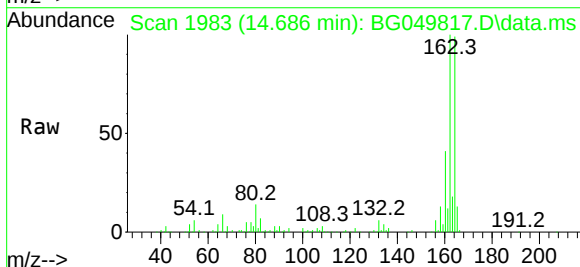
Instrument :
BNA_G
ClientSampled :
124042

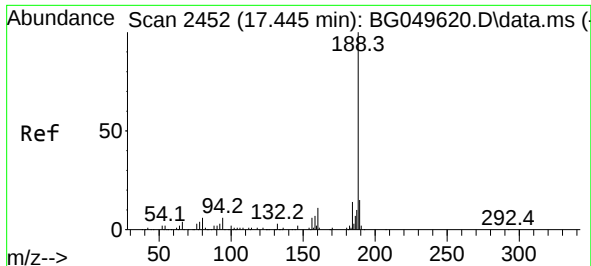
Tgt Ion:165 Resp: 12746
Ion Ratio Lower Upper
165 100
63 1.8 63.3 94.9#
89 4.1 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.397 ng
RT: 14.686 min Scan# 1983
Delta R.T. -0.368 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Tgt Ion:165 Resp: 12746
Ion Ratio Lower Upper
165 100
63 1.8 48.0 72.0#
89 4.1 65.4 98.0#
182 0.0 2.0 3.0#

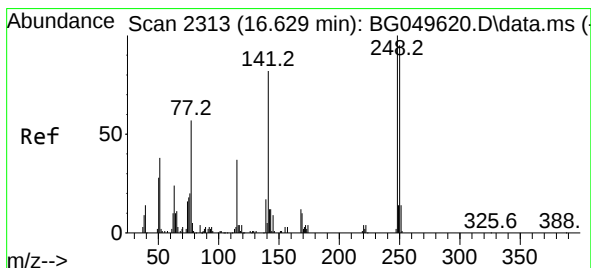
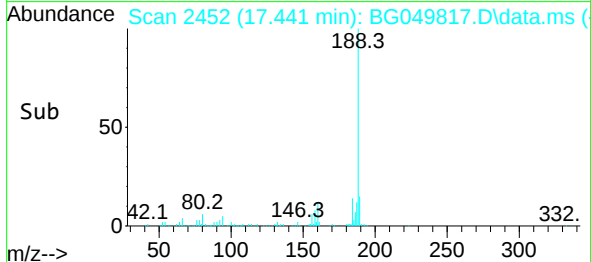
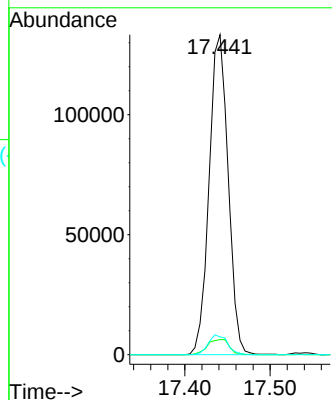
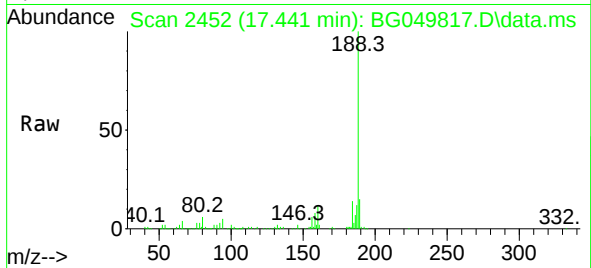




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

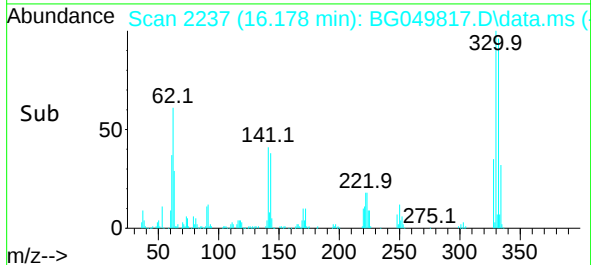
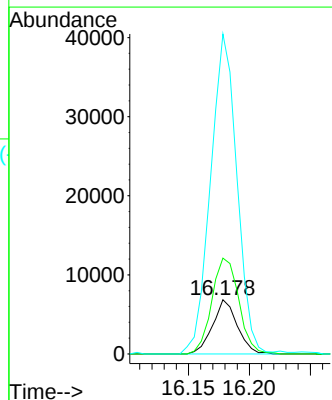
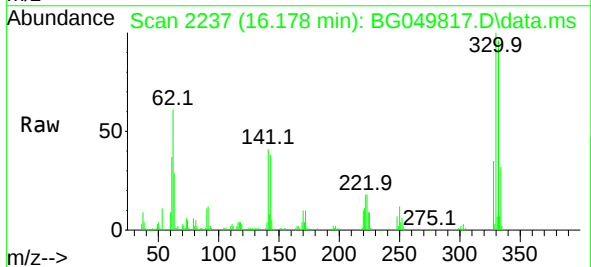
Instrument :
BNA_G
ClientSampleId :
124042

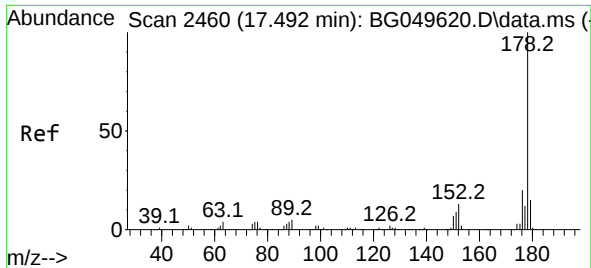
Tgt Ion:188 Resp: 206586
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 5.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.976 ng
RT: 16.178 min Scan# 2237
Delta R.T. -0.450 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Tgt Ion:248 Resp: 9674
Ion Ratio Lower Upper
248 100
250 177.0 76.1 114.1#
141 590.4 65.4 98.2#

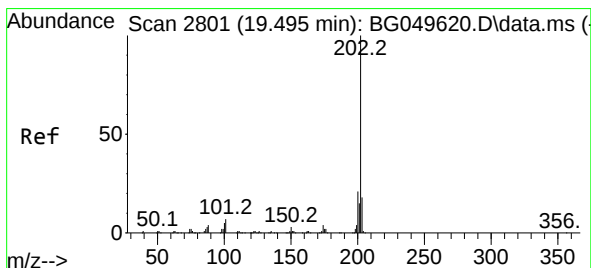
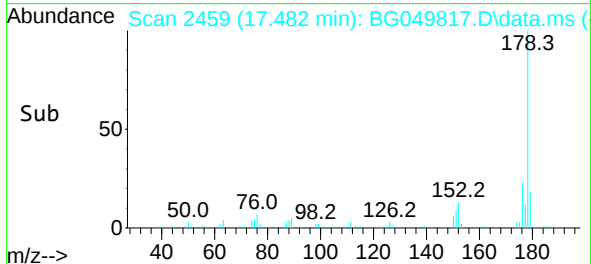
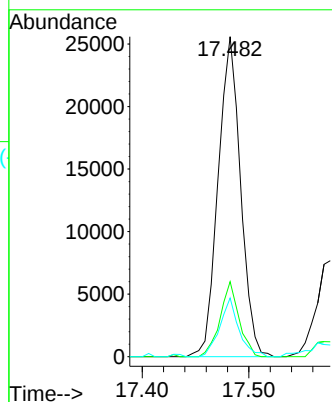
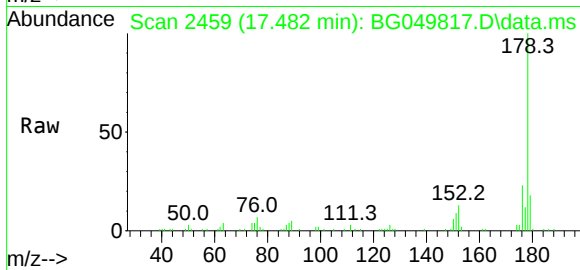




#71
Phenanthrene
Concen: 3.432 ng
RT: 17.482 min Scan# 2459
Delta R.T. -0.010 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

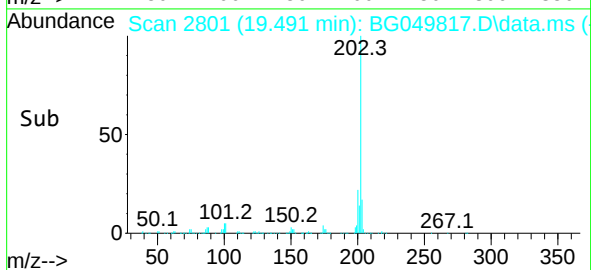
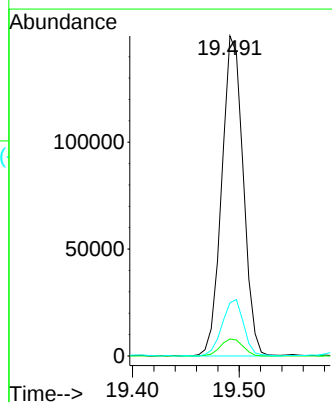
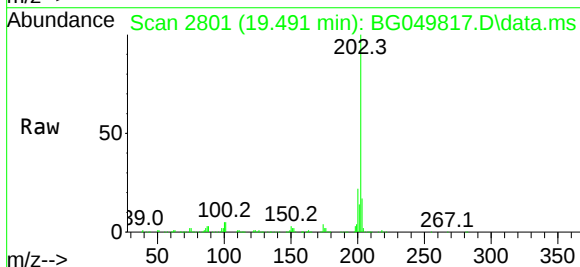
Instrument :
BNA_G
ClientSampled :
124042

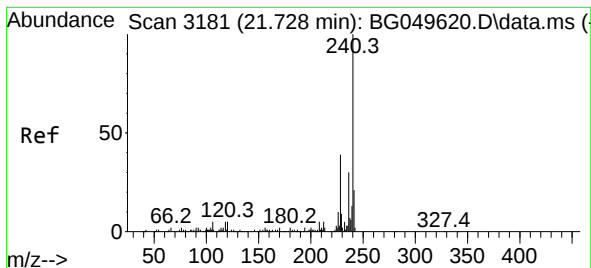
Tgt Ion:178 Resp: 37305
Ion Ratio Lower Upper
178 100
176 23.5 16.0 24.0
179 18.3 14.2 21.4



#75
Fluoranthene
Concen: 15.634 ng
RT: 19.491 min Scan# 2801
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Tgt Ion:202 Resp: 209093
Ion Ratio Lower Upper
202 100
101 5.3 0.0 24.7
203 16.6 0.0 38.5

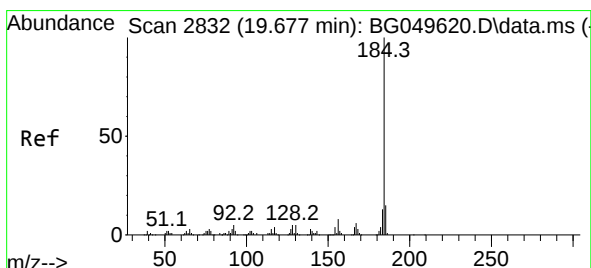
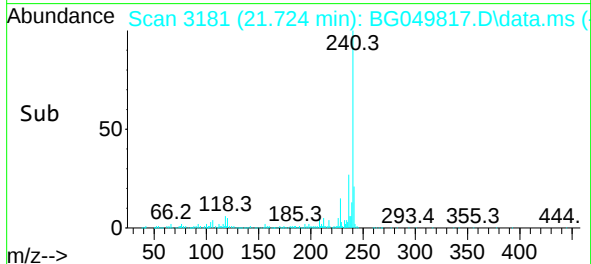
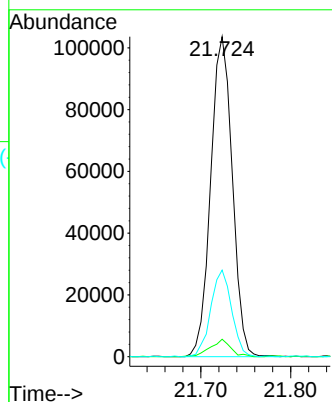
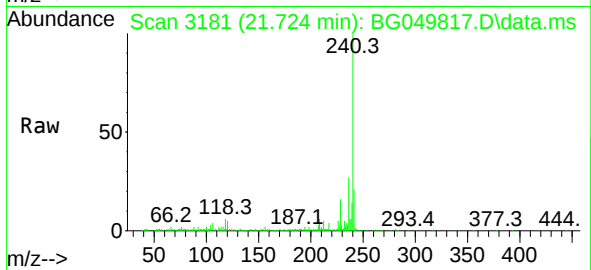




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

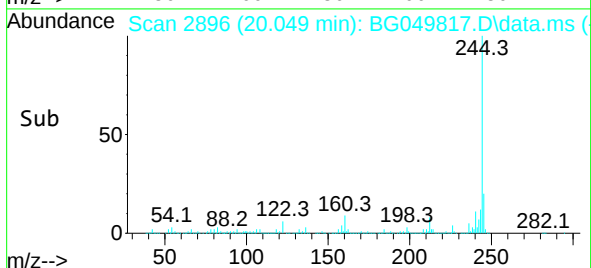
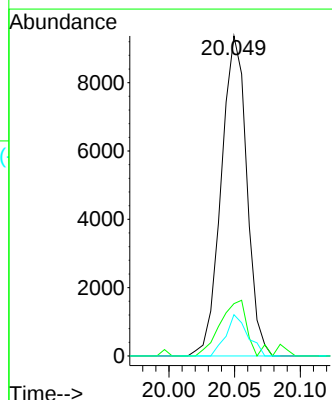
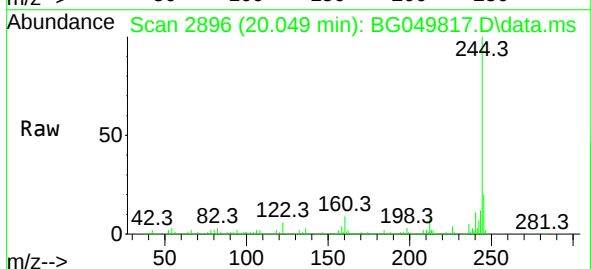
Instrument :
BNA_G
ClientSampleId :
124042

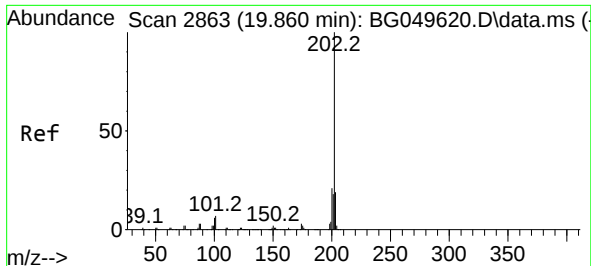
Tgt Ion:240 Resp: 173193
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 27.0 21.8 32.6



#77
Benzidine
Concen: 2.851 ng
RT: 20.049 min Scan# 2896
Delta R.T. 0.372 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Tgt Ion:184 Resp: 12653
Ion Ratio Lower Upper
184 100
185 16.4 10.7 16.1#
183 12.9 9.4 14.0

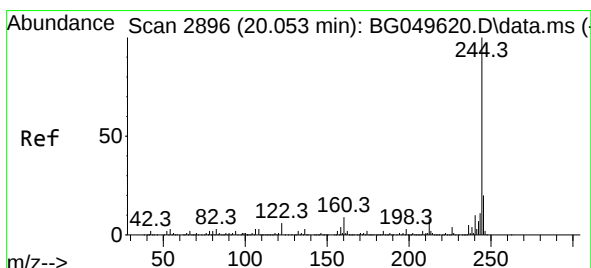
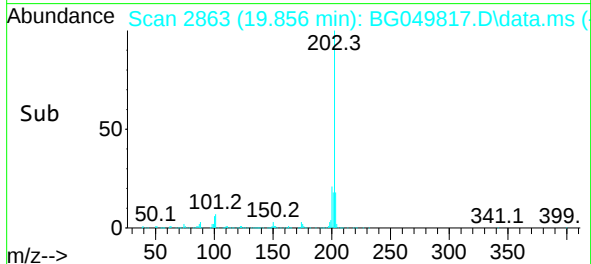
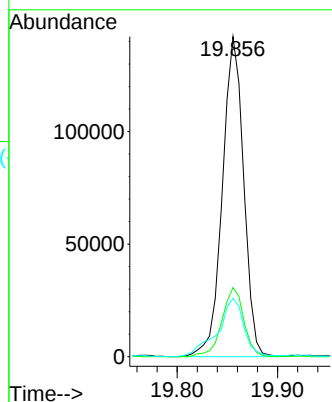
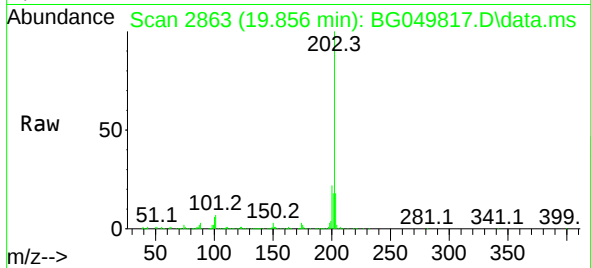




#78
Pyrene
Concen: 17.698 ng
RT: 19.856 min Scan# 2863
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

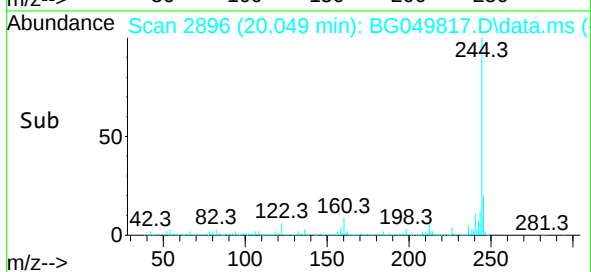
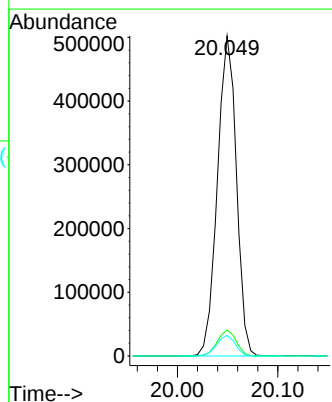
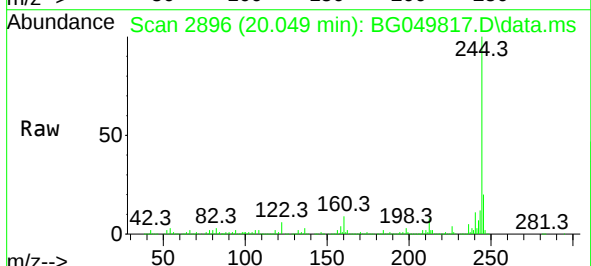
Instrument :
BNA_G
ClientSampleId :
124042

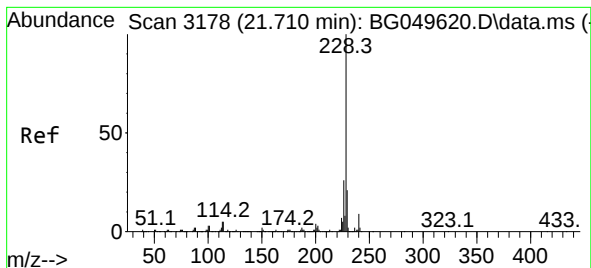
Tgt Ion:202 Resp: 208973
Ion Ratio Lower Upper
202 100
200 21.6 15.8 23.8
203 18.2 14.6 21.8



#79
Terphenyl-d14
Concen: 69.084 ng
RT: 20.049 min Scan# 2896
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Tgt Ion:244 Resp: 658780
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.4 5.0 7.6

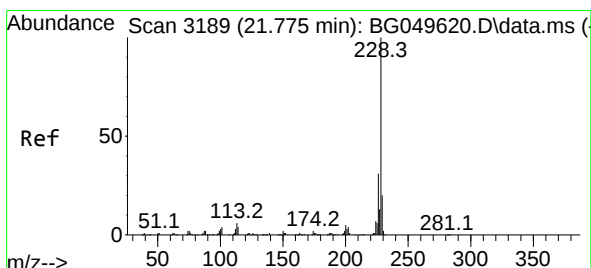
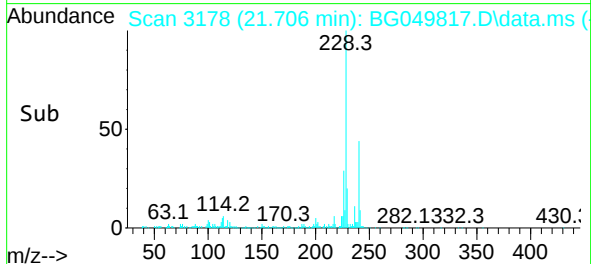
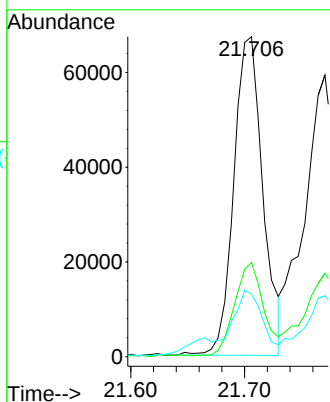
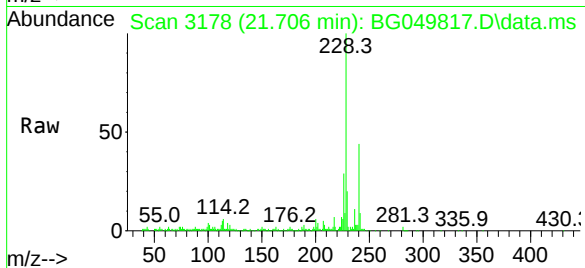




#81
Benzo(a)anthracene
Concen: 10.582 ng
RT: 21.706 min Scan# 3178
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

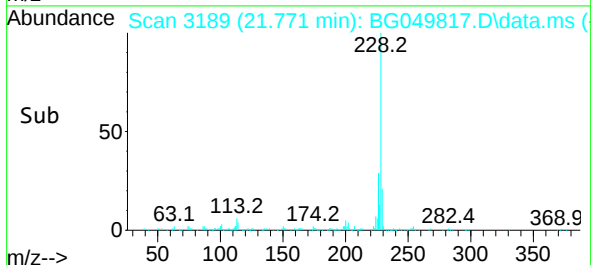
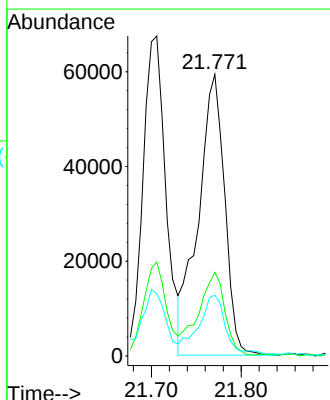
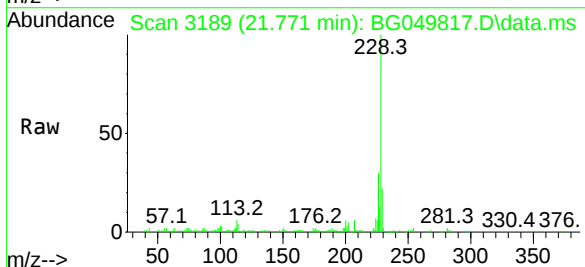
Instrument :
BNA_G
ClientSampleId :
124042

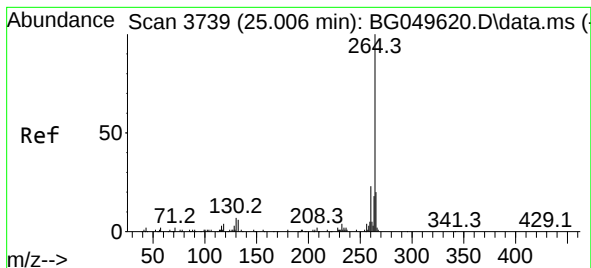
Tgt Ion:228 Resp: 119355
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 19.5 16.0 24.0



#83
Chrysene
Concen: 11.278 ng
RT: 21.771 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Tgt Ion:228 Resp: 121597
Ion Ratio Lower Upper
228 100
226 29.7 23.1 34.7
229 21.6 15.3 22.9

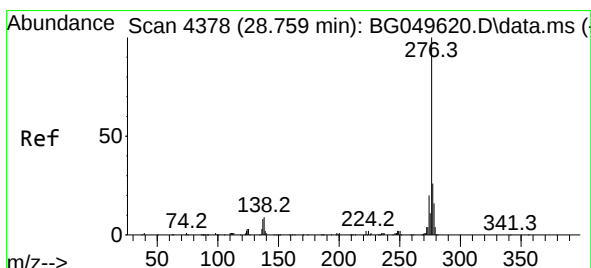
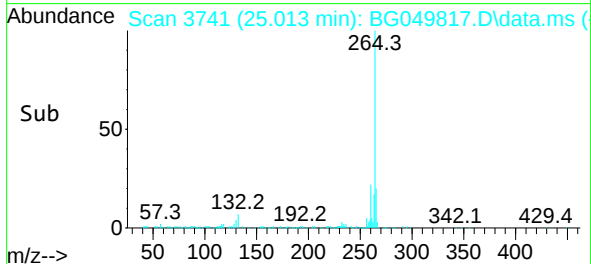
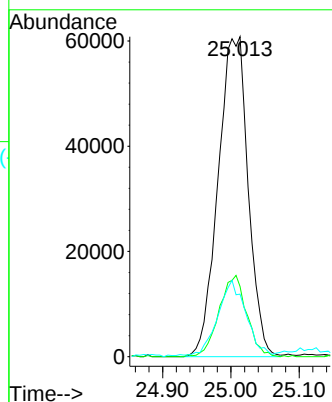
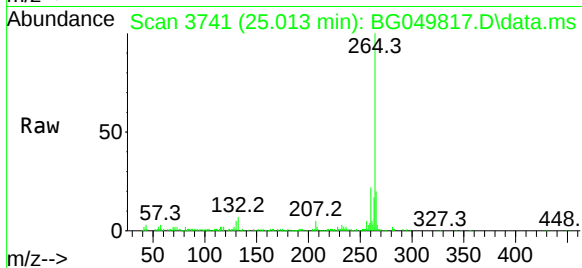




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.013 min Scan# 3741
 Delta R.T. 0.008 min
 Lab File: BG049817.D
 Acq: 12 Aug 2021 14:22

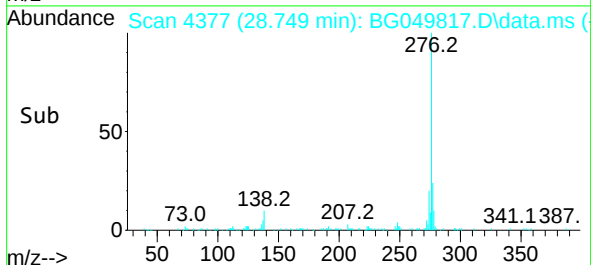
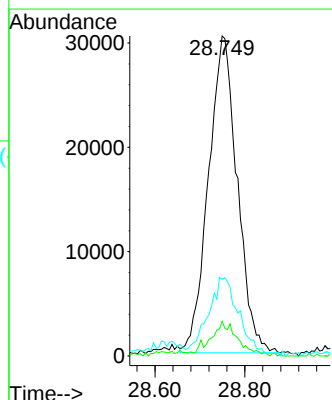
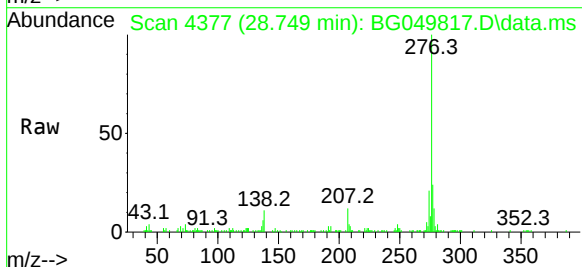
Instrument :
 BNA_G
 ClientSampled :
 124042

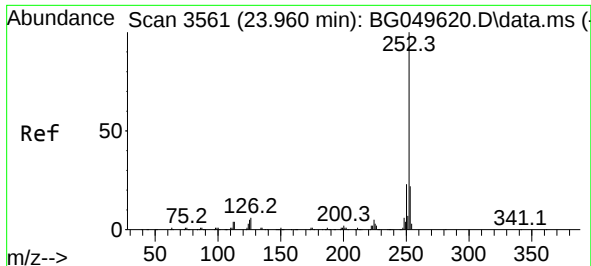
Tgt Ion:264 Resp: 185987
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.4 29.2
 265 19.6 16.9 25.3



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.101 ng
 RT: 28.749 min Scan# 4377
 Delta R.T. -0.010 min
 Lab File: BG049817.D
 Acq: 12 Aug 2021 14:22

Tgt Ion:276 Resp: 135486
 Ion Ratio Lower Upper
 276 100
 138 9.2 5.1 7.7#
 277 27.0 19.8 29.6

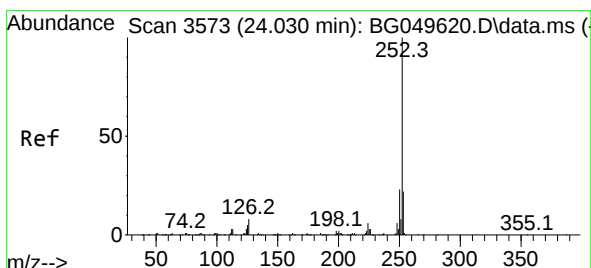
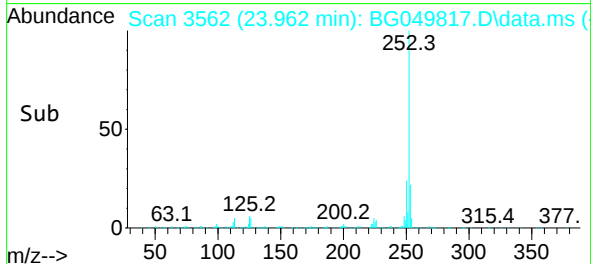
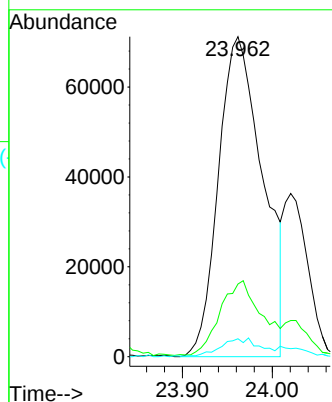
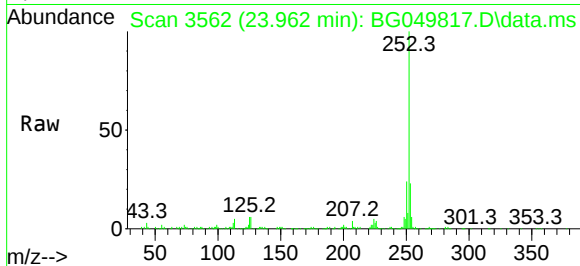




#88
Benzo(b)fluoranthene
Concen: 20.018 ng
RT: 23.962 min Scan# 3562
Delta R.T. 0.002 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

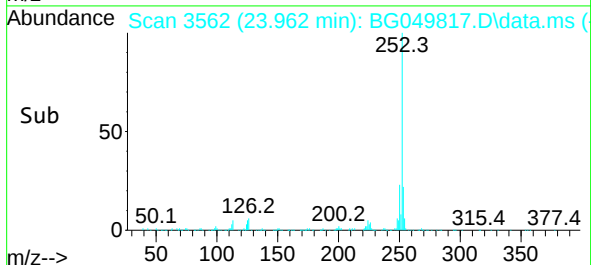
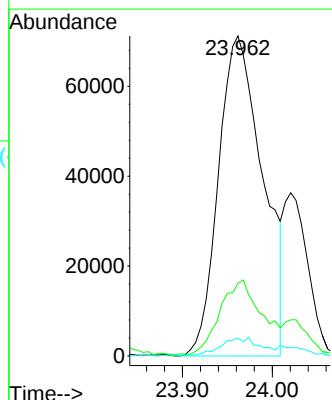
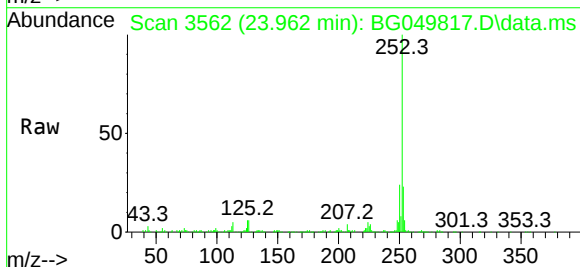
Instrument :
BNA_G
ClientSampleId :
124042

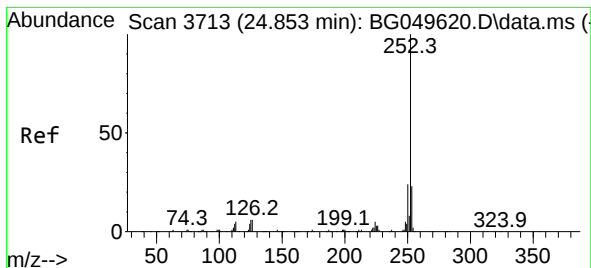
Tgt Ion:252 Resp: 244174
Ion Ratio Lower Upper
252 100
253 22.7 16.2 24.4
125 5.6 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 21.460 ng
RT: 23.962 min Scan# 3562
Delta R.T. -0.069 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Tgt Ion:252 Resp: 244174
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 5.6 3.1 4.7#

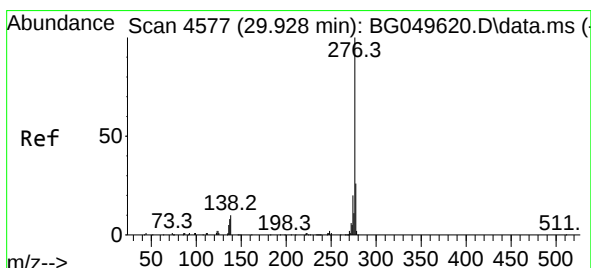
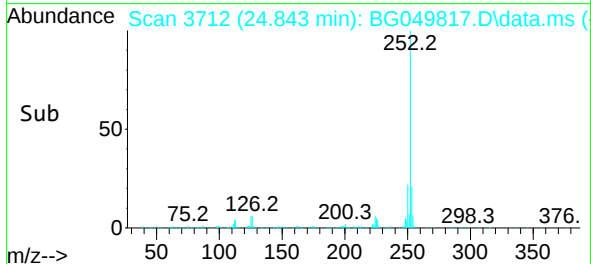
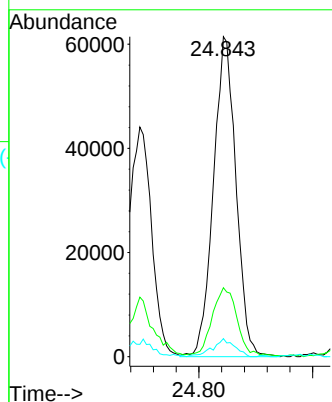
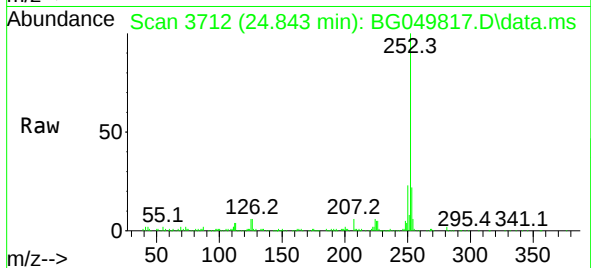




#90
Benzo(a)pyrene
Concen: 15.321 ng
RT: 24.843 min Scan# 3712
Delta R.T. -0.010 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Instrument :
BNA_G
ClientSampleId :
124042

Tgt Ion:252 Resp: 169125
Ion Ratio Lower Upper
252 100
253 21.6 16.6 25.0
125 5.7 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 12.834 ng
RT: 29.924 min Scan# 4577
Delta R.T. -0.004 min
Lab File: BG049817.D
Acq: 12 Aug 2021 14:22

Tgt Ion:276 Resp: 142116
Ion Ratio Lower Upper
276 100
277 25.1 18.4 27.6
138 9.2 7.0 10.6

