

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049159.D
 Acq On : 1 Jul 2021 18:43
 Operator : CG/JU
 Sample : M2901-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124033

Quant Time: Jul 02 01:52:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

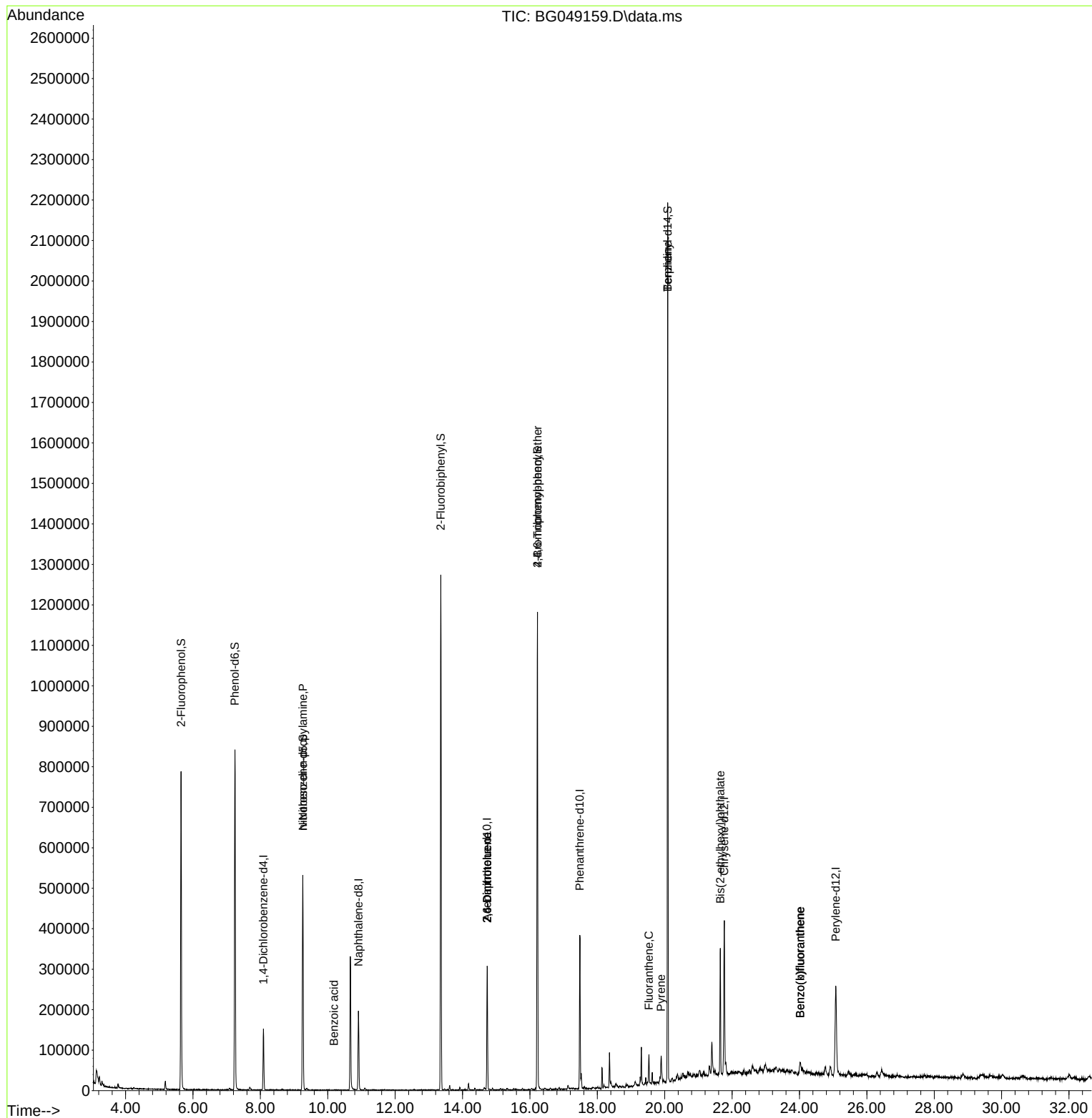
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	41156	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	161318	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	116077	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	236973	20.00	ng	# 0.00
76) Chrysene-d12	21.769	240	235485	20.00	ng	0.00
86) Perylene-d12	25.077	264	246116	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	324308	123.42	ng	0.00
7) Phenol-d6	7.245	99	435390	116.22	ng	0.00
23) Nitrobenzene-d5	9.260	82	315353	82.88	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	231180	114.89	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	649205	75.46	ng	0.00
79) Terphenyl-d14	20.088	244	1040661	74.88	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.260	70	46376	17.23	ng	# 75
32) Benzoic acid	10.182	122	68	6.31	ng	# 1
51) 2,6-Dinitrotoluene	14.736	165	15077	7.06	ng	# 11
57) 2,4-Dinitrotoluene	14.736	165	15077	4.97	ng	# 16
67) 4-Bromophenyl-phenylether	16.222	248	14472	4.53	ng	# 1
75) Fluoranthene	19.530	202	41895	2.45	ng	97
77) Benzidine	20.088	184	20138	3.98	ng	# 88
78) Pyrene	19.894	202	39557	2.26	ng	96
84) Bis(2-ethylhexyl)phtha...	21.651	149	132255	14.13	ng	98
88) Benzo(b)fluoranthene	24.019	252	37339	2.10	ng	# 94
89) Benzo(k)fluoranthene	24.019	252	37339	2.20	ng	# 90

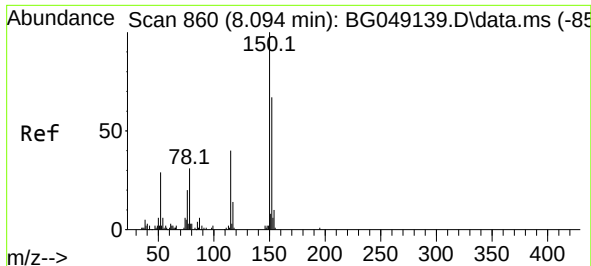
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

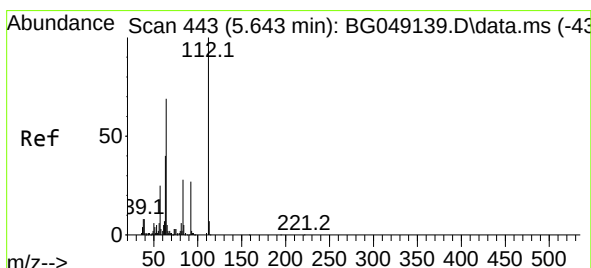
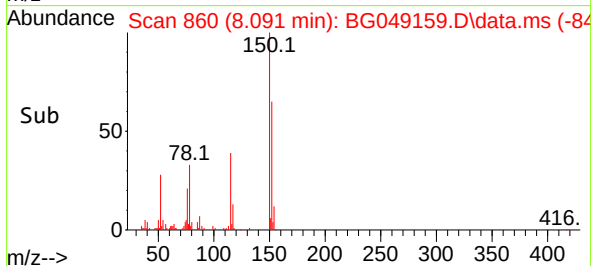
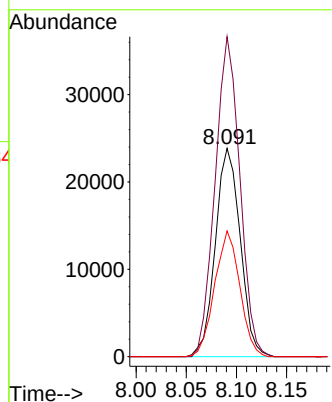
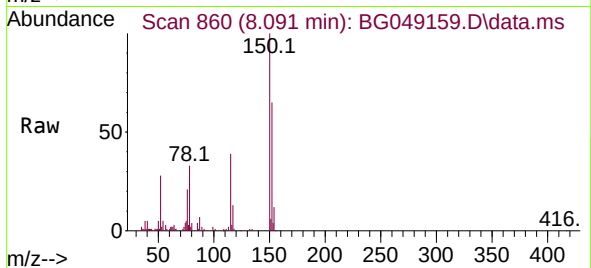




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 860
Delta R.T. -0.003 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

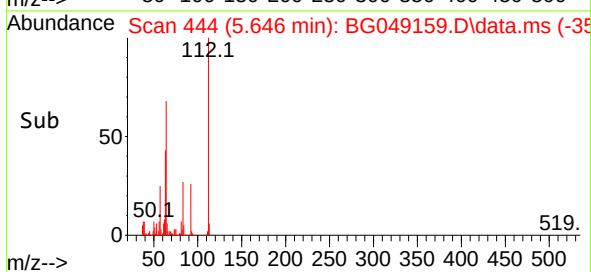
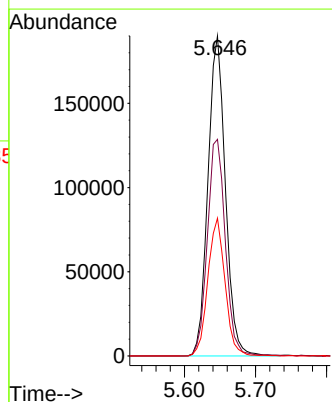
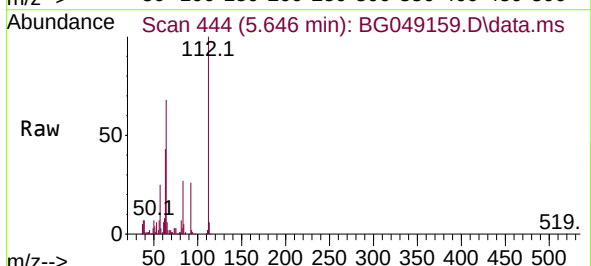
Instrument :
BNA_G
ClientSampleId :
124033

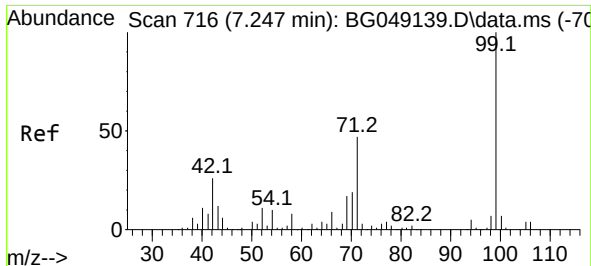
Tgt Ion:152 Resp: 41156
Ion Ratio Lower Upper
152 100
150 153.7 119.4 179.0
115 60.4 60.2 90.4



#5
2-Fluorophenol
Concen: 123.42 ng
RT: 5.646 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

Tgt Ion:112 Resp: 324308
Ion Ratio Lower Upper
112 100
64 67.7 46.7 70.1
63 43.0 35.3 52.9

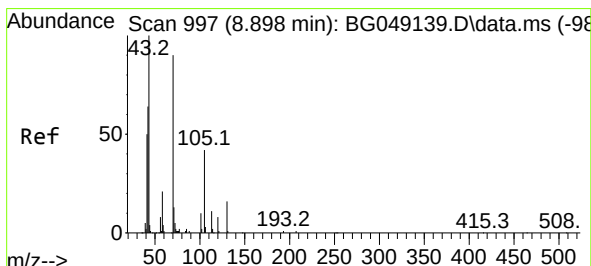
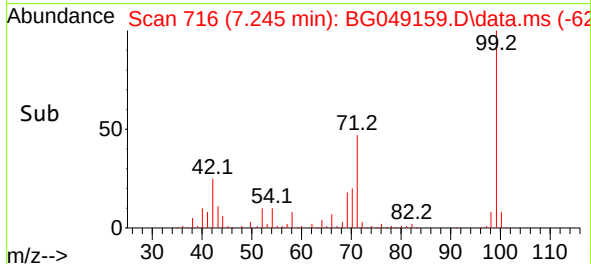
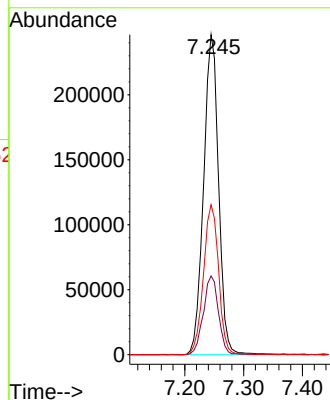
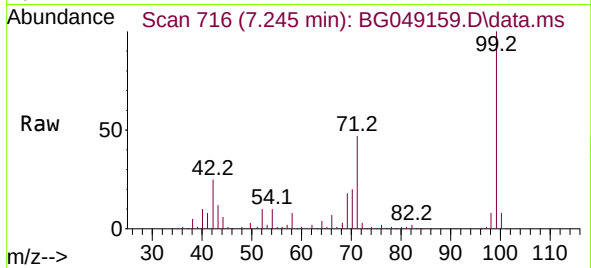




#7
Phenol-d6
Concen: 116.22 ng
RT: 7.245 min Scan# 716
Delta R.T. -0.003 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

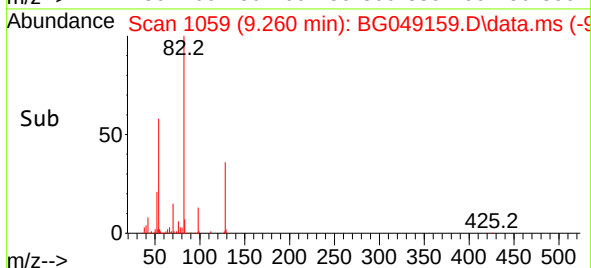
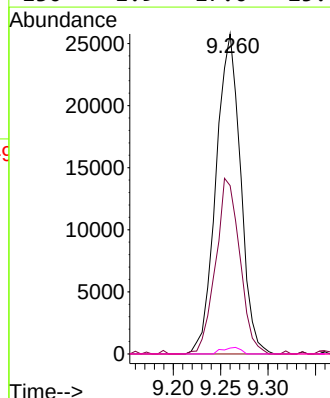
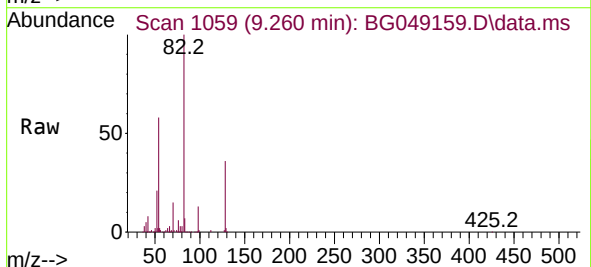
Instrument :
BNA_G
ClientSampleId :
124033

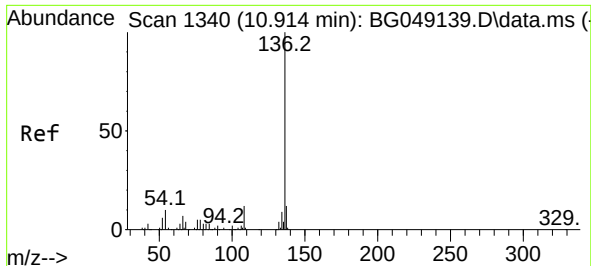
Tgt Ion: 99 Resp: 435390
Ion Ratio Lower Upper
99 100
42 24.6 20.5 30.7
71 46.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.23 ng
RT: 9.260 min Scan# 1059
Delta R.T. 0.361 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

Tgt Ion: 70 Resp: 46376
Ion Ratio Lower Upper
70 100
42 52.6 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

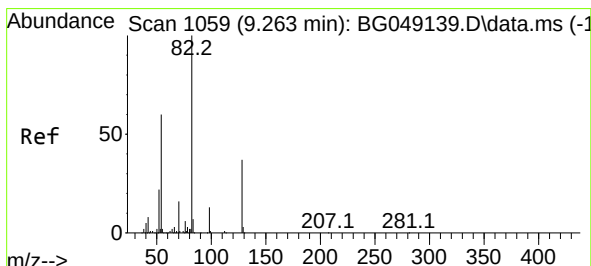
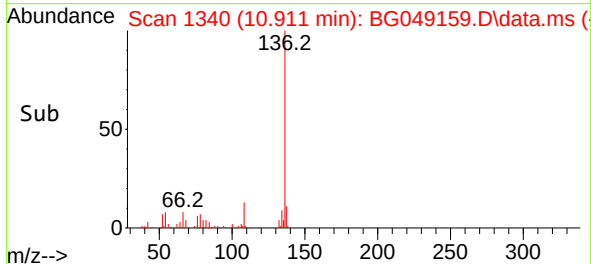
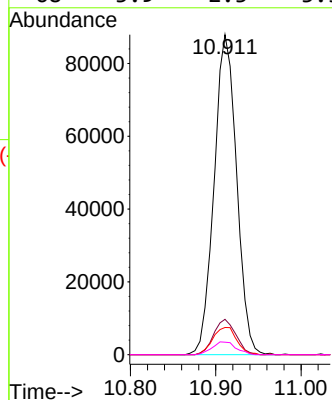
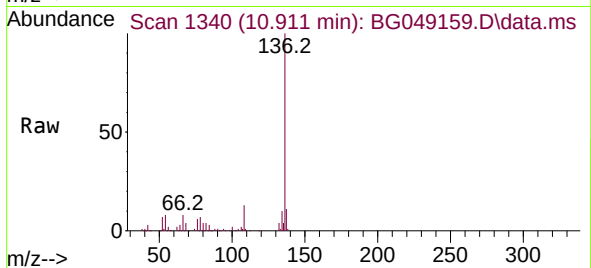




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

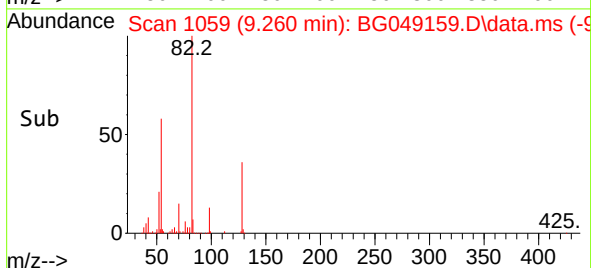
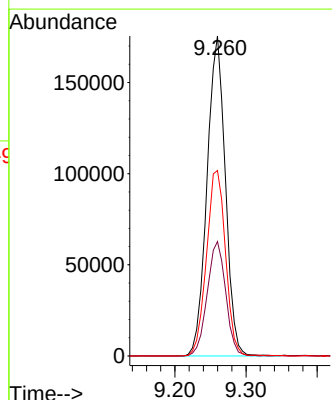
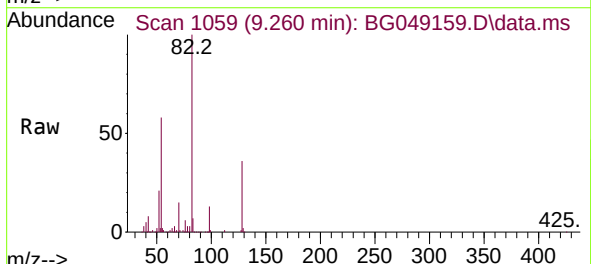
Instrument :
BNA_G
ClientSampleId :
124033

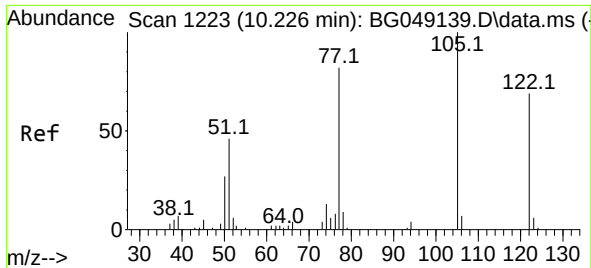
Tgt Ion:136 Resp: 161318
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.5 5.5 8.3#
68 3.9 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 82.88 ng
RT: 9.260 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

Tgt Ion: 82 Resp: 315353
Ion Ratio Lower Upper
82 100
128 35.8 29.8 44.6
54 57.9 45.8 68.8

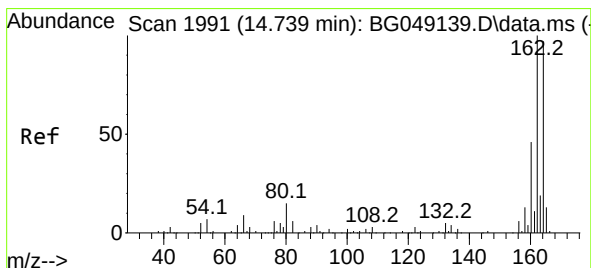
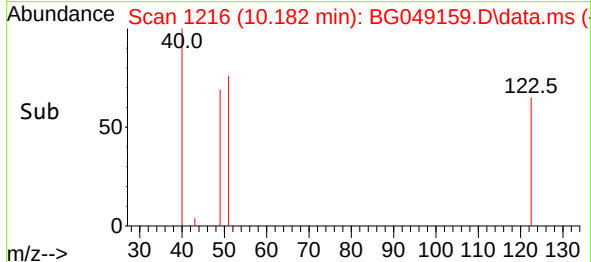
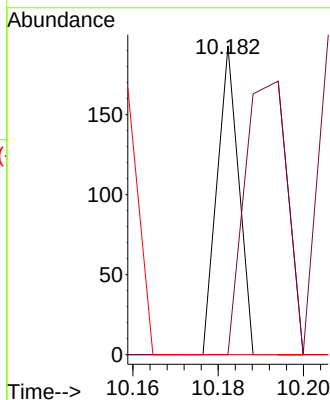
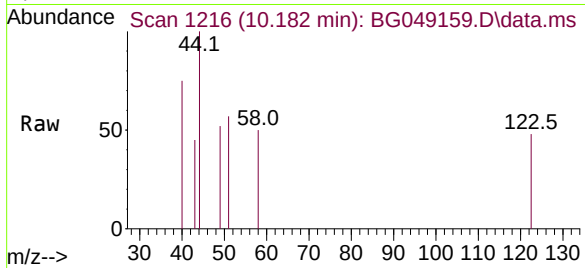




#32
Benzoic acid
Concen: 6.31 ng
RT: 10.182 min Scan# 1216
Delta R.T. -0.044 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

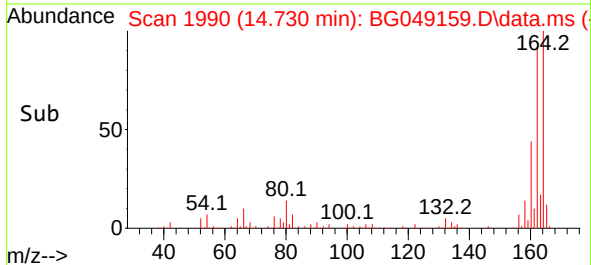
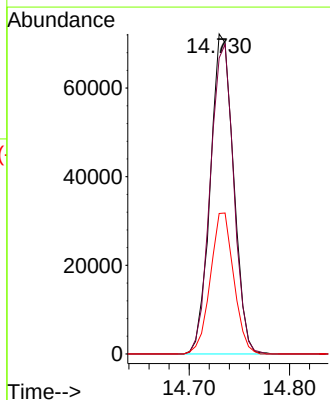
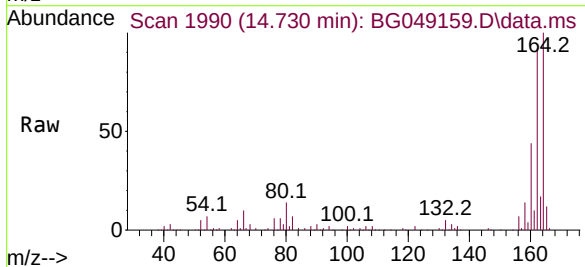
Instrument :
BNA_G
ClientSampleId :
124033

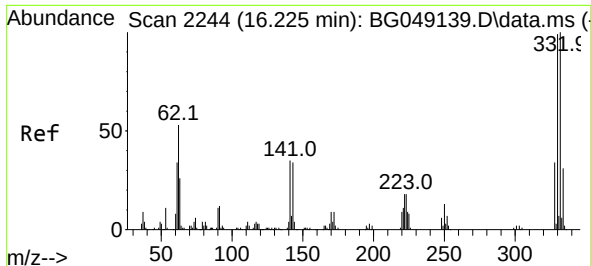
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.009 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

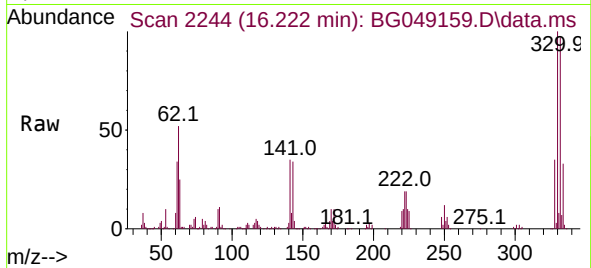
Tgt Ion:164 Resp: 116077
Ion Ratio Lower Upper
164 100
162 92.5 81.4 122.0
160 43.9 34.9 52.3



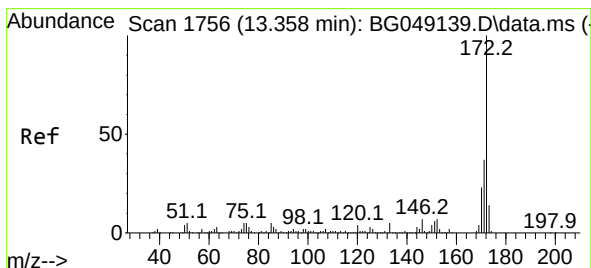
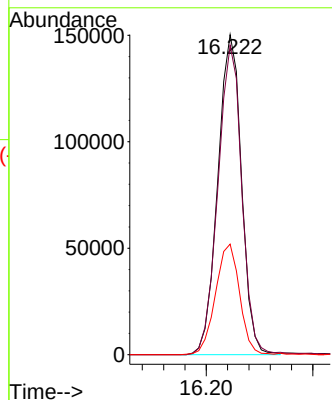
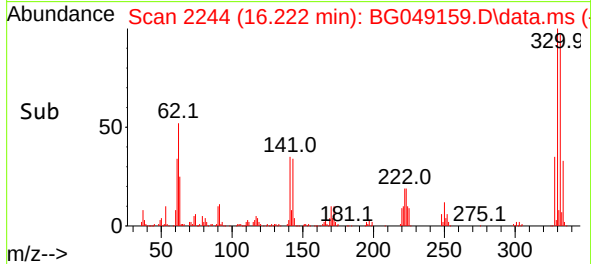


#42
2,4,6-Tribromophenol
Concen: 114.89 ng
RT: 16.222 min Scan# 2244
Delta R.T. -0.003 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

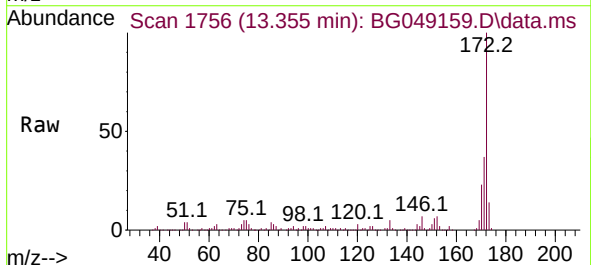
Instrument :
BNA_G
ClientSampleId :
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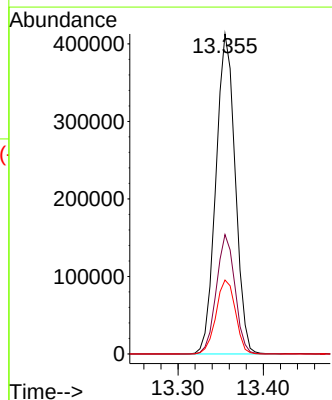
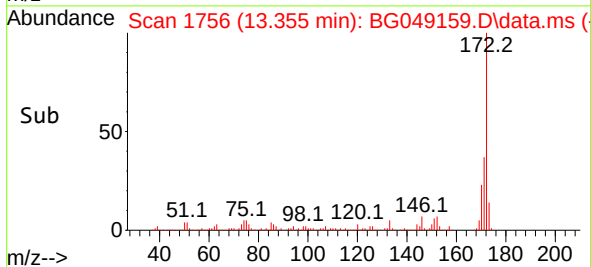
Tgt Ion:330 Resp: 231180
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 35.2 35.6 53.4#

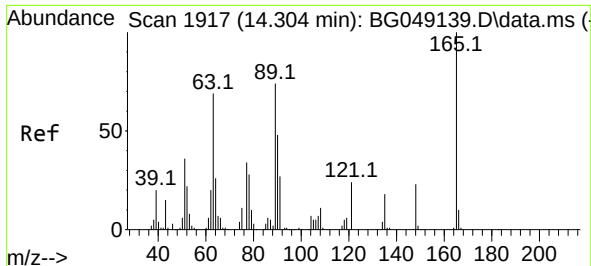


#45
2-Fluorobiphenyl
Concen: 75.46 ng
RT: 13.355 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43



Tgt Ion:172 Resp: 649205
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 23.1 18.6 27.8

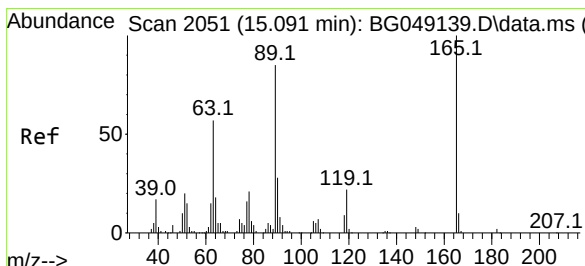
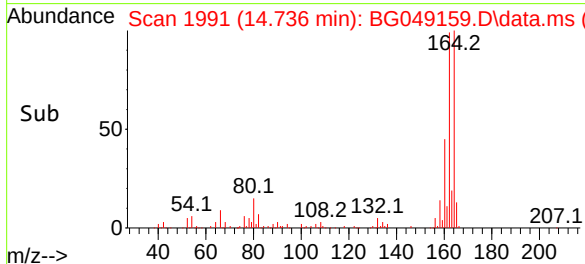
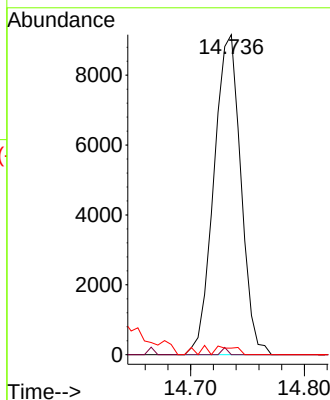
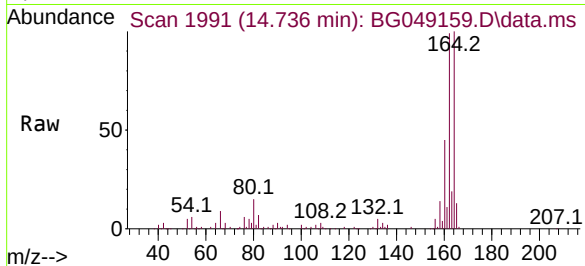




#51
2,6-Dinitrotoluene
Concen: 7.06 ng
RT: 14.736 min Scan# 1991
Delta R.T. 0.432 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

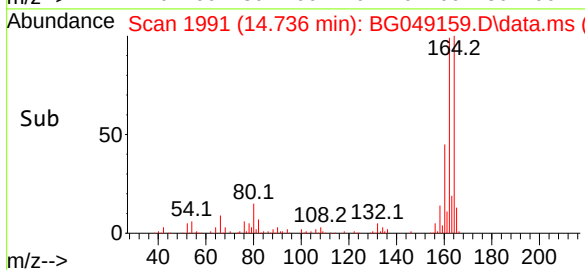
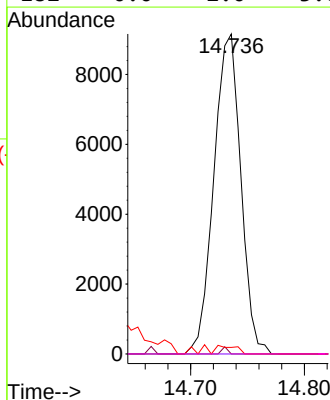
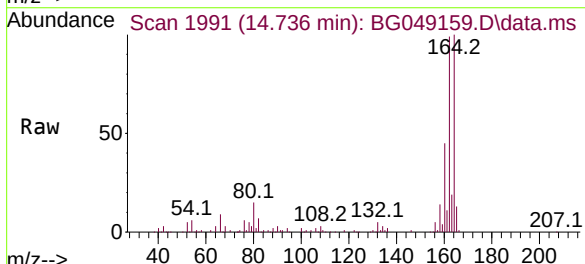
Instrument :
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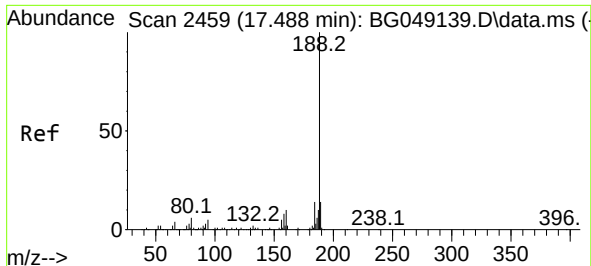
Tgt Ion:165 Resp: 15077
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 4.97 ng
RT: 14.736 min Scan# 1991
Delta R.T. -0.355 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

Tgt Ion:165 Resp: 15077
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.0 65.4 98.0#
182 0.0 2.0 3.0#

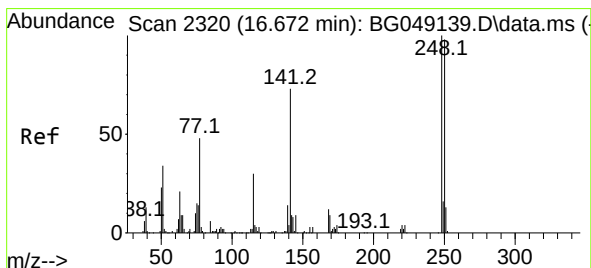
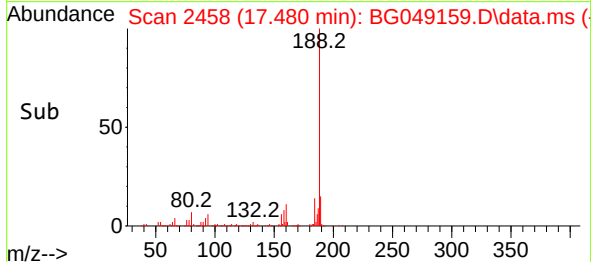
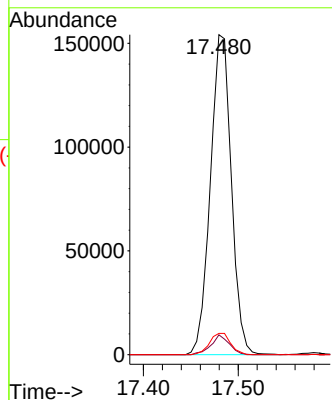
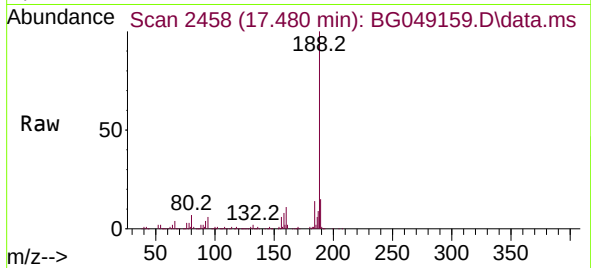




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

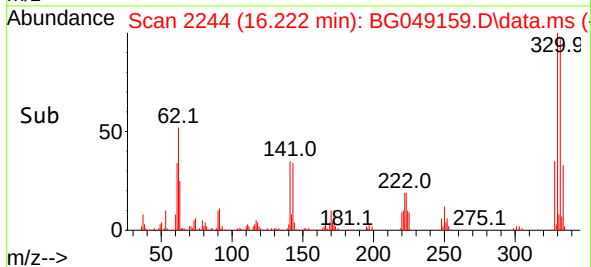
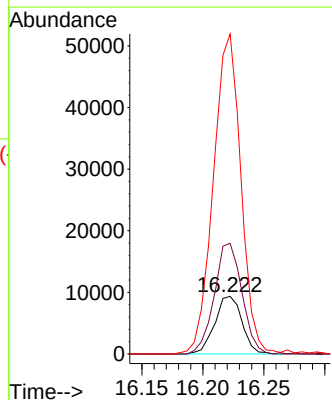
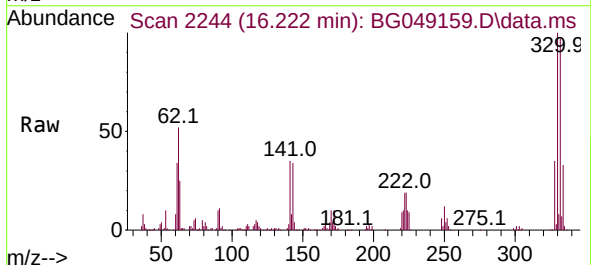
Instrument :
BNA_G
ClientSampleId :
124033

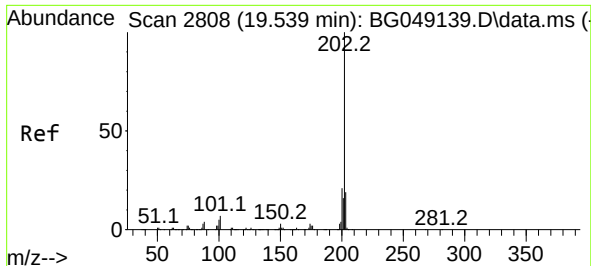
Tgt Ion:188 Resp: 236973
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 6.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 16.222 min Scan# 2244
Delta R.T. -0.449 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

Tgt Ion:248 Resp: 14472
Ion Ratio Lower Upper
248 100
250 192.4 76.1 114.1#
141 555.8 65.4 98.2#

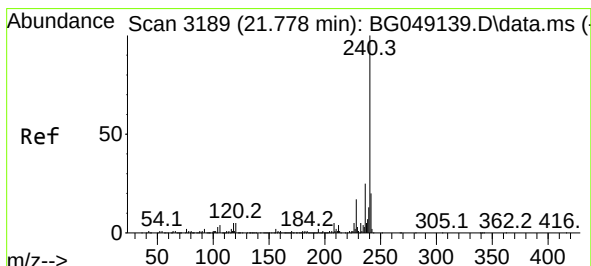
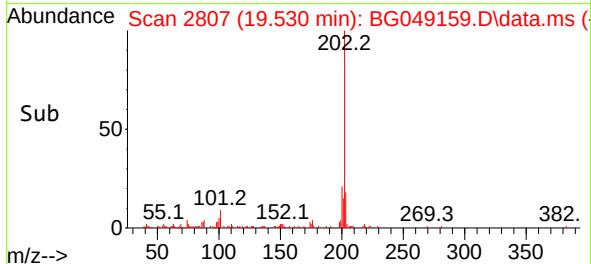
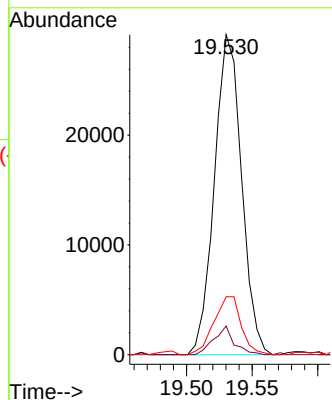
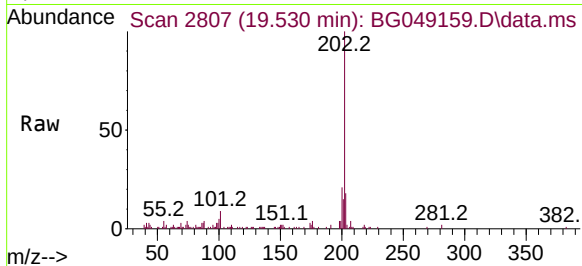




#75
Fluoranthene
Concen: 2.45 ng
RT: 19.530 min Scan# 2807
Delta R.T. -0.009 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

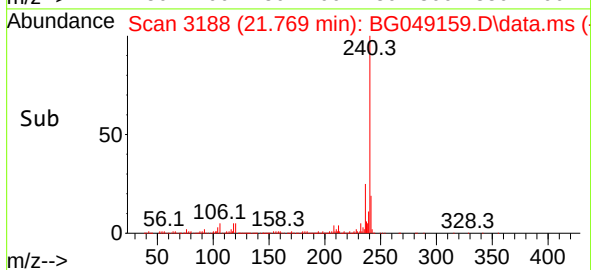
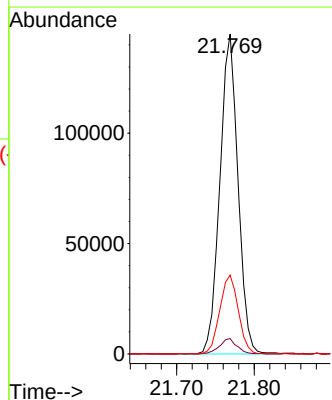
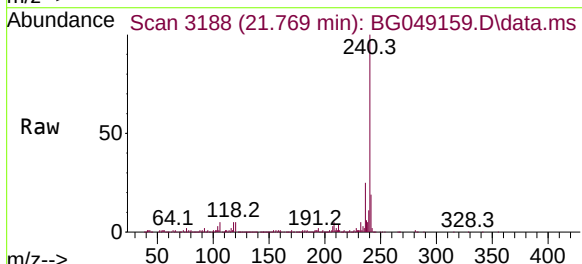
Instrument :
BNA_G
ClientSampleId :
124033

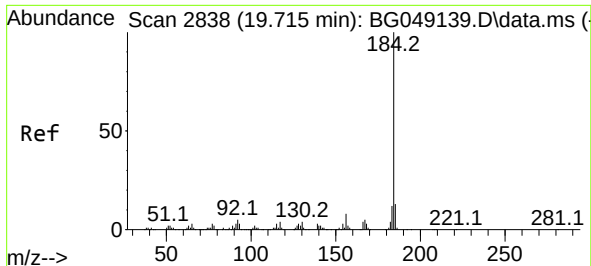
Tgt Ion:	202	Resp:	41895
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	24.7
203	18.1	0.0	38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.769 min Scan# 3188
Delta R.T. -0.009 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

Tgt Ion:	240	Resp:	235485
Ion Ratio	Lower	Upper	
240	100		
120	4.8	4.2	6.2
236	24.7	21.8	32.6

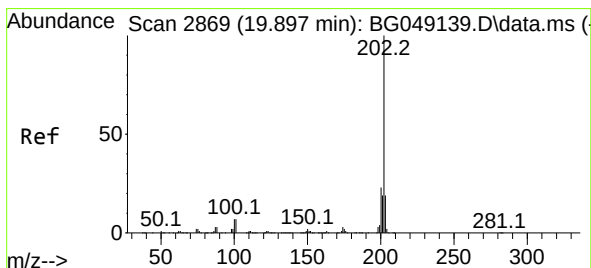
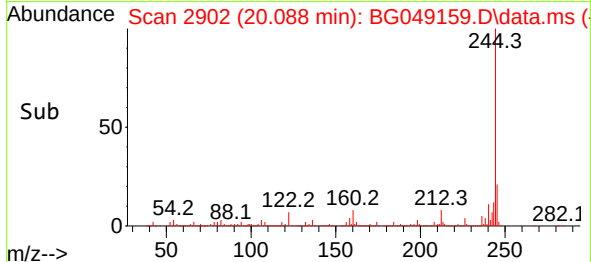
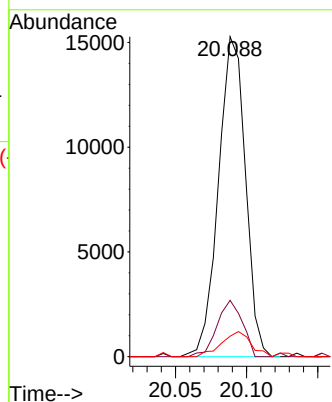
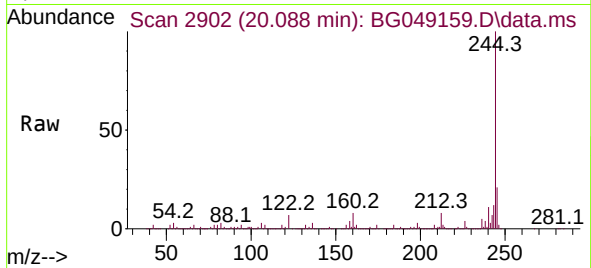




#77
Benzidine
Concen: 3.98 ng
RT: 20.088 min Scan# 2902
Delta R.T. 0.373 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

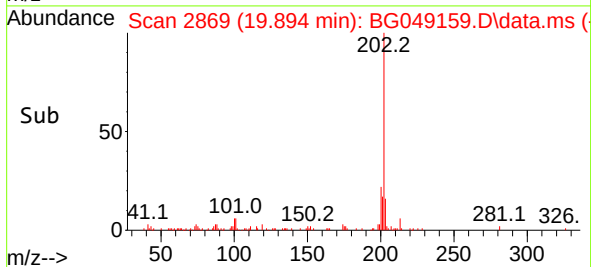
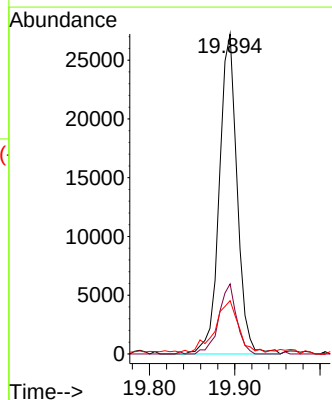
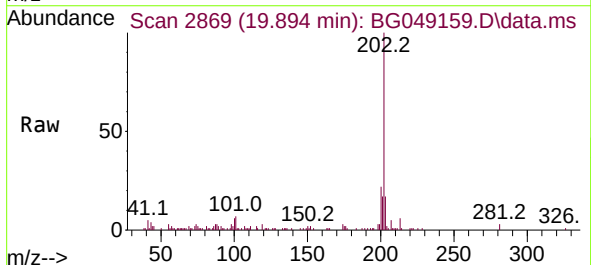
Instrument :
BNA_G
ClientSampleId :
124033

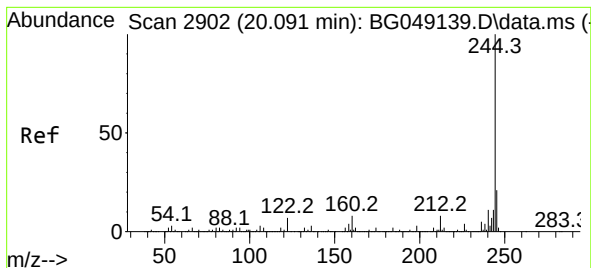
Tgt Ion:184 Resp: 20138
Ion Ratio Lower Upper
184 100
185 17.6 10.7 16.1#
183 6.4 9.4 14.0#



#78
Pyrene
Concen: 2.26 ng
RT: 19.894 min Scan# 2869
Delta R.T. -0.003 min
Lab File: BG049159.D
Acq: 1 Jul 2021 18:43

Tgt Ion:202 Resp: 39557
Ion Ratio Lower Upper
202 100
200 21.9 15.8 23.8
203 16.7 14.6 21.8





#79

Terphenyl-d14

Concen: 74.88 ng

RT: 20.088 min Scan# 2902

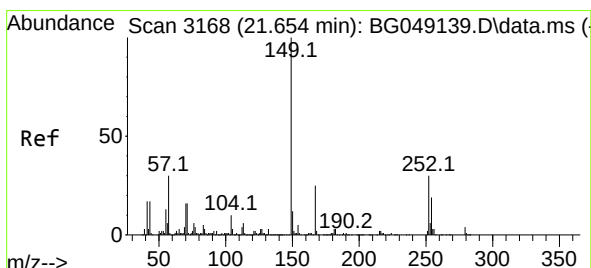
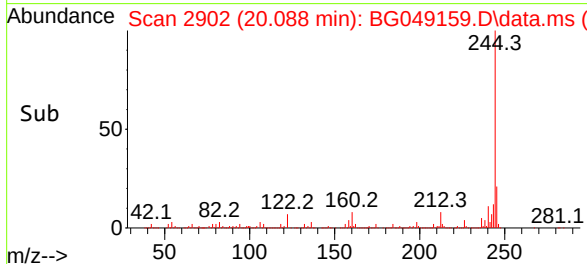
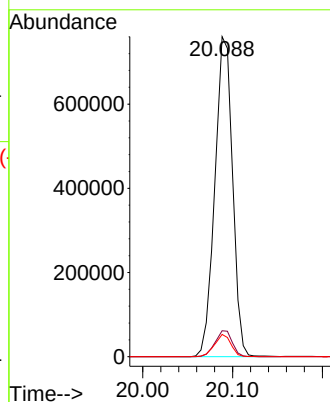
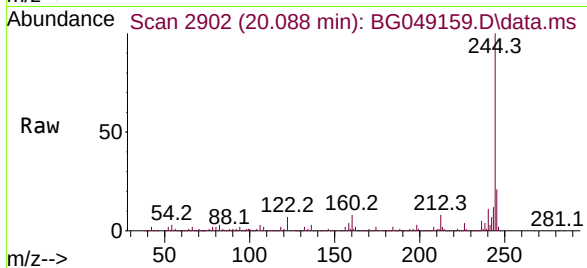
Delta R.T. -0.003 min

Lab File: BG049159.D

Acq: 1 Jul 2021 18:43

Tgt Ion:244 Resp: 1040661

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	7.0	5.0	7.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.13 ng

RT: 21.651 min Scan# 3168

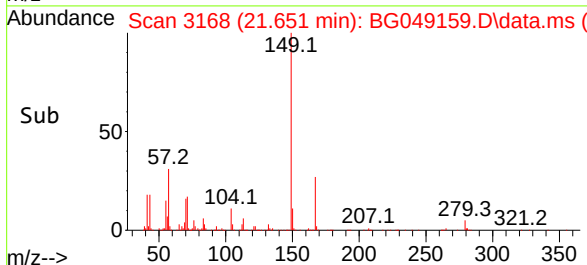
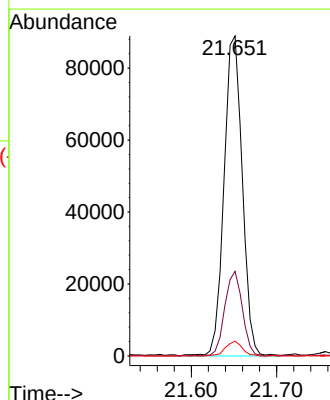
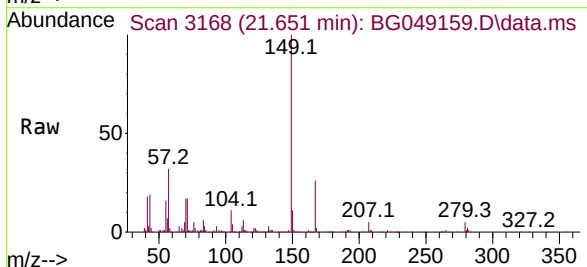
Delta R.T. -0.003 min

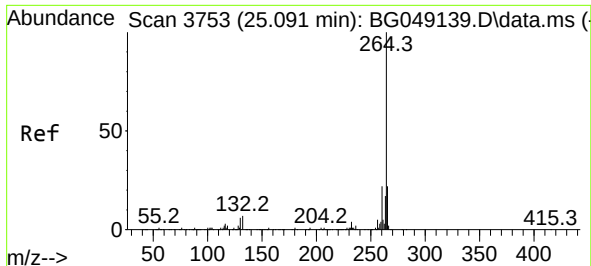
Lab File: BG049159.D

Acq: 1 Jul 2021 18:43

Tgt Ion:149 Resp: 132255

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.3	33.5
279	4.7	3.8	5.8

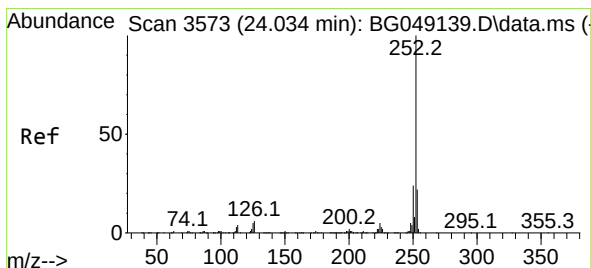
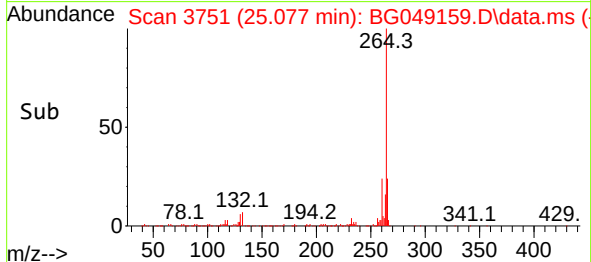
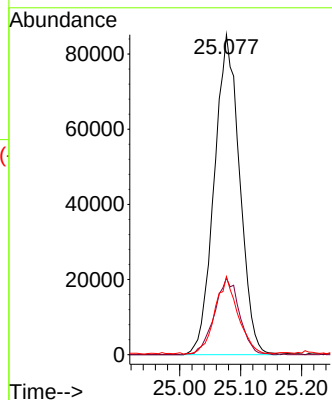
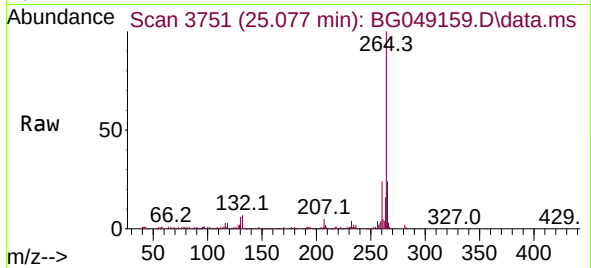




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.077 min Scan# 3751
 Delta R.T. -0.015 min
 Lab File: BG049159.D
 Acq: 1 Jul 2021 18:43

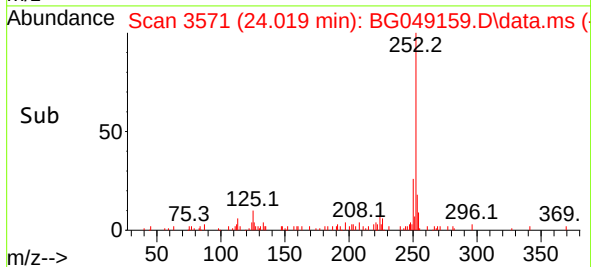
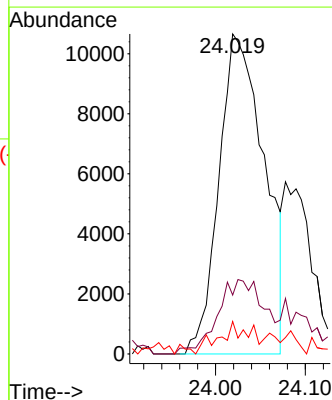
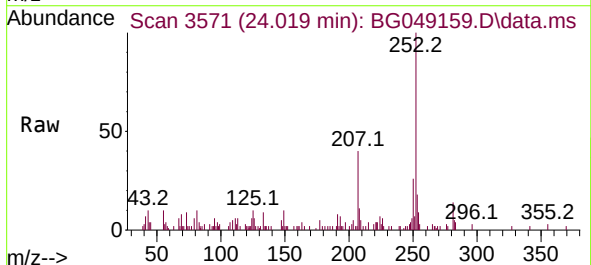
Instrument :
 BNA_G
 ClientSampleId :
 124033

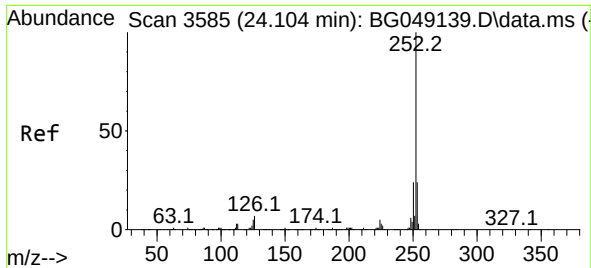
Tgt Ion:264 Resp: 246116
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 24.4 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.10 ng
 RT: 24.019 min Scan# 3571
 Delta R.T. -0.015 min
 Lab File: BG049159.D
 Acq: 1 Jul 2021 18:43

Tgt Ion:252 Resp: 37339
 Ion Ratio Lower Upper
 252 100
 253 18.4 16.2 24.4
 125 10.1 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 2.20 ng

RT: 24.019 min Scan# 3571

Delta R.T. -0.085 min

Lab File: BG049159.D

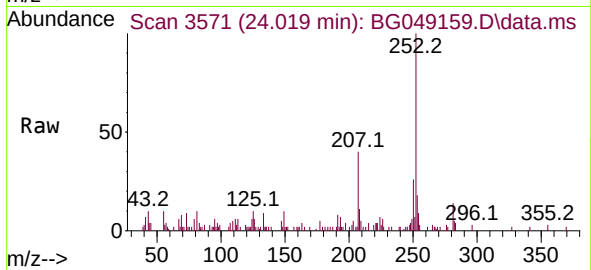
Acq: 1 Jul 2021 18:43

Instrument :

BNA_G

ClientSampleId :

124033



Tgt Ion:252	Resp:	37339
Ion	Ratio	Lower Upper
252	100	
253	18.4	18.0 27.0
125	10.1	3.1 4.7#

