

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049126.D
 Acq On : 28 Jun 2021 19:45
 Operator : CG/JU
 Sample : M2828-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PW-2R

Quant Time: Jun 29 04:01:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

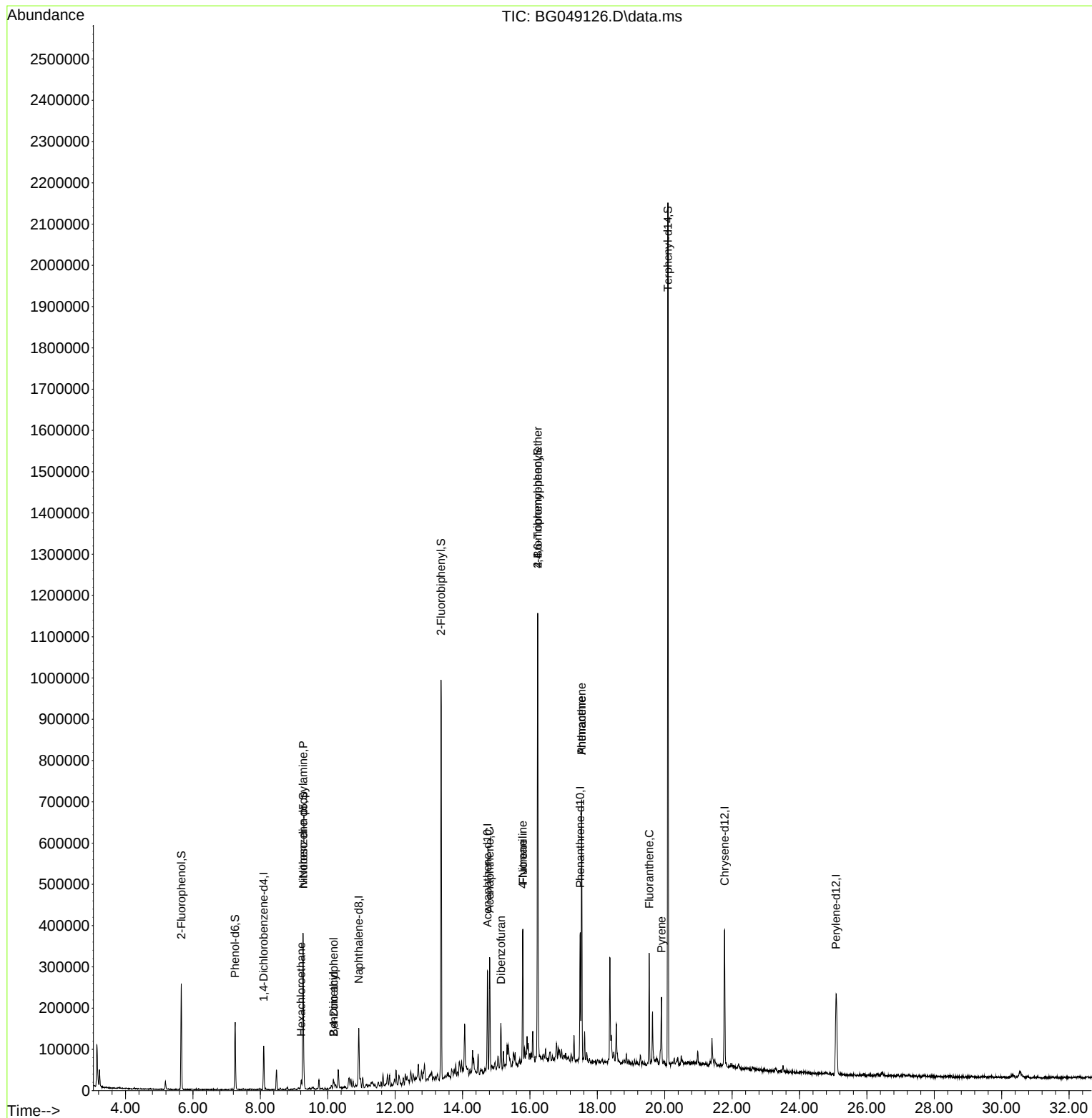
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	28018	20.00	ng	# 0.00
21) Naphthalene-d8	10.920	136	113440	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	86928	20.00	ng	0.00
64) Phenanthrene-d10	17.495	188	203190	20.00	ng	# 0.00
76) Chrysene-d12	21.778	240	216181	20.00	ng	-0.01
86) Perylene-d12	25.086	264	232280	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	101220	56.24	ng	0.00
7) Phenol-d6	7.254	99	84857	31.46	ng	0.00
23) Nitrobenzene-d5	9.269	82	224018	85.15	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	194773	151.23	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	504327	81.96	ng	0.00
79) Terphenyl-d14	20.097	244	975736	82.66	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.210	117	4416	4.98	ng	# 1
19) n-Nitroso-di-n-propyla...	9.269	70	33208	15.75	ng	# 71
27) 2,4-Dimethylphenol	10.180	122	7729	4.24	ng	# 1
32) Benzoic acid	10.180	122	7729	6.49	ng	# 62
52) Acenaphthene	14.804	154	102208	18.59	ng	93
55) Dibenzofuran	15.144	168	52774	6.18	ng	95
58) Fluorene	15.791	166	138403	19.81	ng	96
62) 4-Nitroaniline	15.785	138	3325	2.35	ng	# 23
67) 4-Bromophenyl-phenylether	16.231	248	12036	4.74	ng	# 1
71) Phenanthrene	17.536	178	376200	32.90	ng	98
72) Anthracene	17.536	178	376200	32.75	ng	98
75) Fluoranthene	19.539	202	161635	11.72	ng	99
78) Pyrene	19.904	202	109040	6.95	ng	96

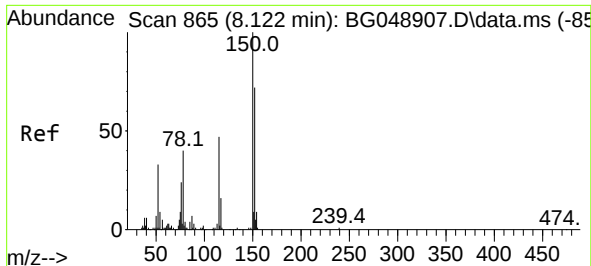
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PW-2R

Quant Time: Jun 29 04:01:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

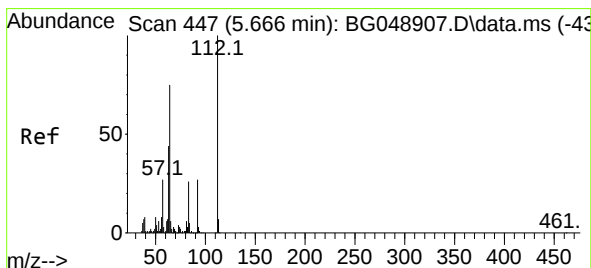
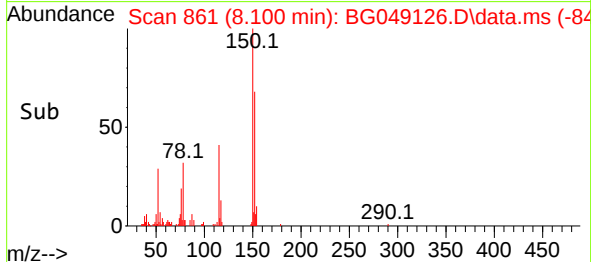
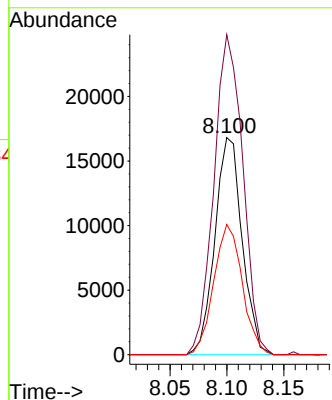
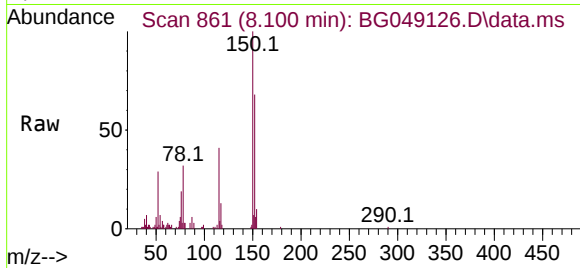




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.100 min Scan# 861
Delta R.T. -0.005 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

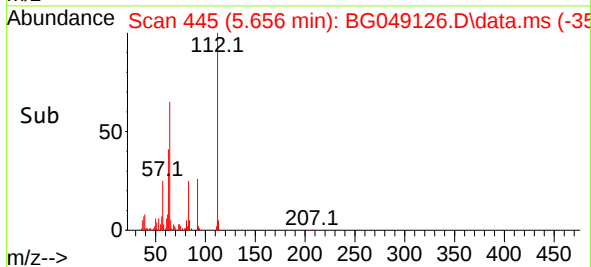
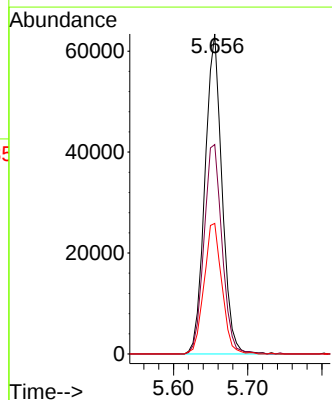
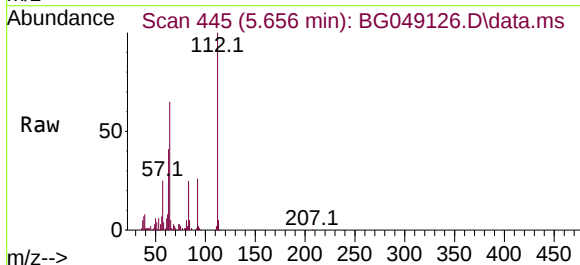
Instrument :
BNA_G
ClientSampleId :
PW-2R

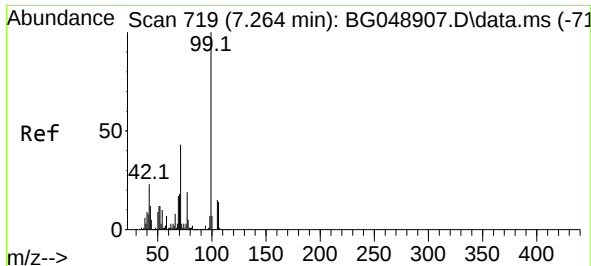
Tgt Ion:152 Resp: 28018
Ion Ratio Lower Upper
152 100
150 147.4 119.4 179.0
115 60.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 56.24 ng
RT: 5.656 min Scan# 445
Delta R.T. 0.000 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:112 Resp: 101220
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 40.8 35.3 52.9

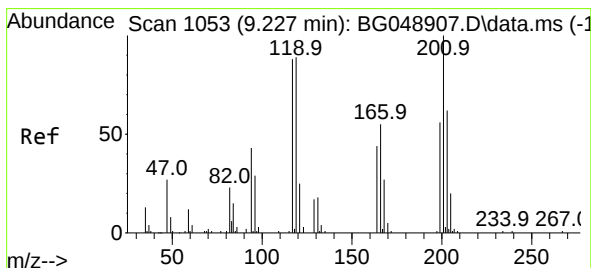
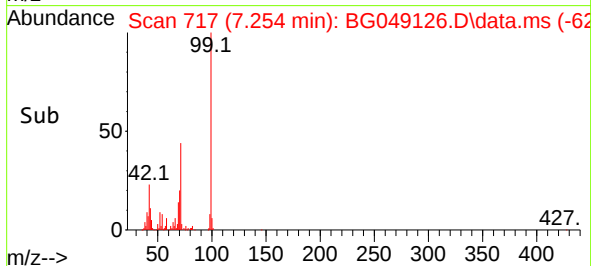
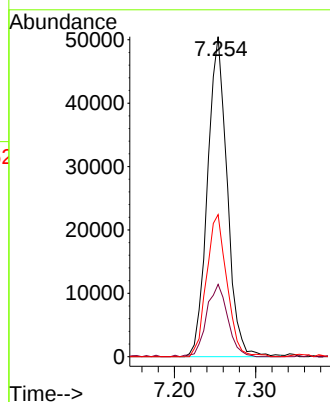
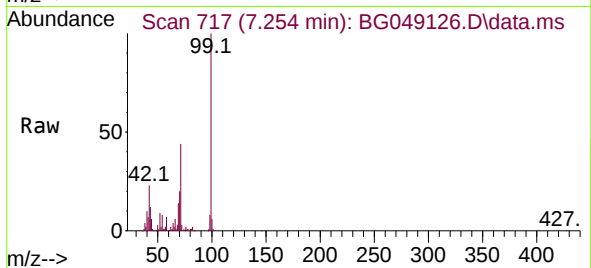




#7
Phenol-d6
Concen: 31.46 ng
RT: 7.254 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

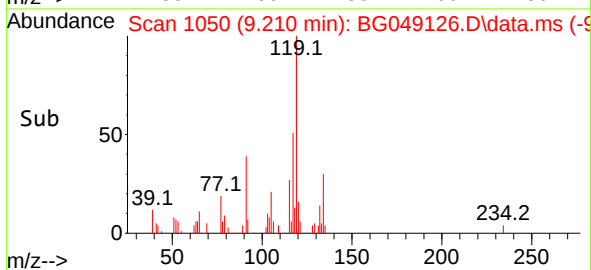
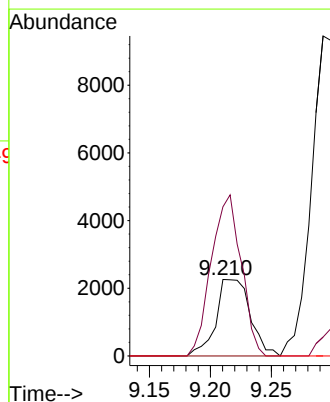
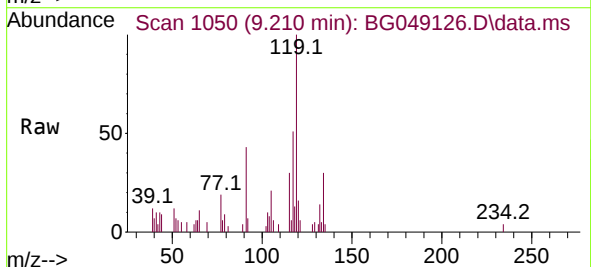
Instrument :
BNA_G
ClientSampleId :
PW-2R

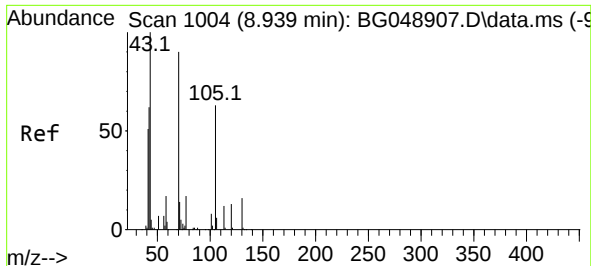
Tgt Ion: 99	Resp: 84857
Ion Ratio	Lower Upper
99 100	
42 22.6	20.5 30.7
71 44.4	41.5 62.3



#18
Hexachloroethane
Concen: 4.98 ng
RT: 9.210 min Scan# 1050
Delta R.T. 0.012 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion: 117	Resp: 4416
Ion Ratio	Lower Upper
117 100	
119 195.1	74.4 111.6#
201 0.0	88.6 133.0#

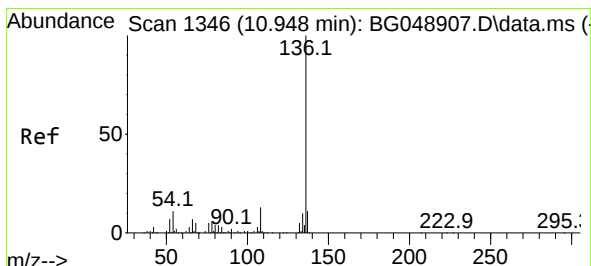
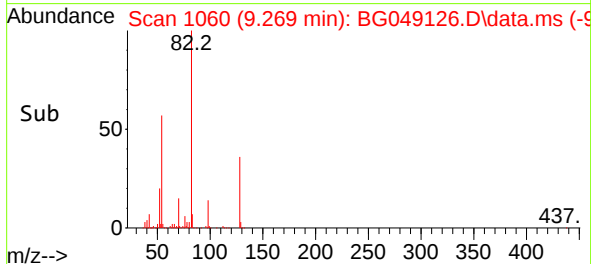
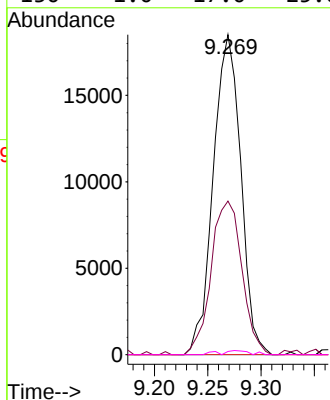
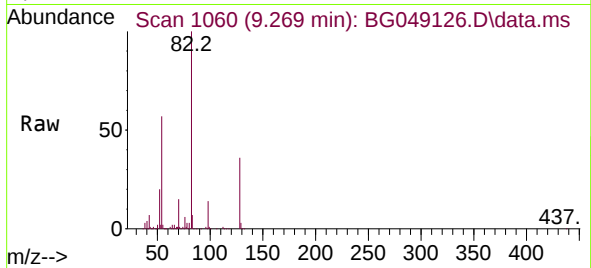




#19
n-Nitroso-di-n-propylamine
Concen: 15.75 ng
RT: 9.269 min Scan# 1060
Delta R.T. 0.359 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

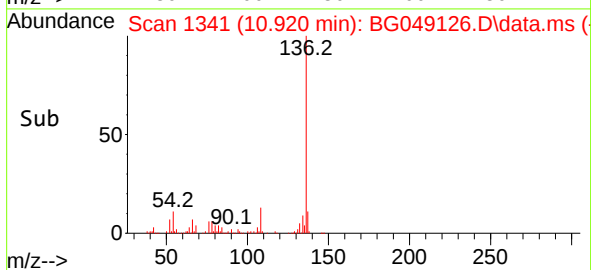
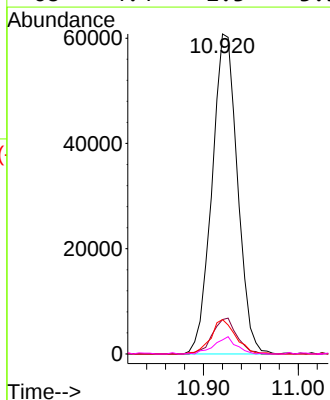
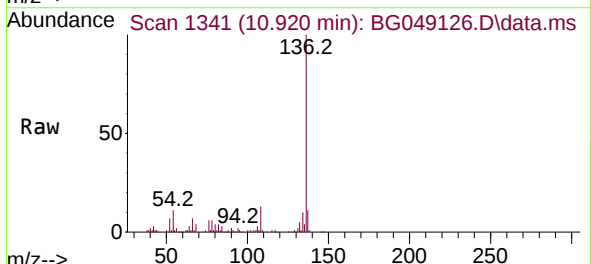
Instrument :
BNA_G
ClientSampleId :
PW-2R

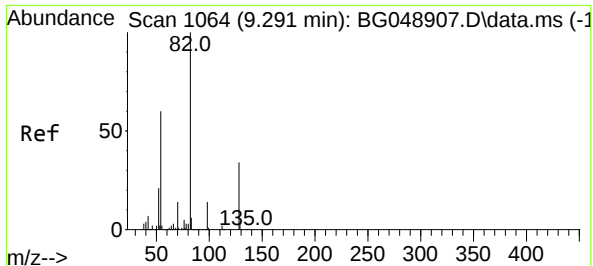
Tgt Ion:	70	Resp:	33208
Ion Ratio	Lower	Upper	
70	100		
42	48.0	54.5	81.7#
101	0.0	9.0	13.6#
130	1.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:	136	Resp:	113440
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.2
54	10.7	5.5	8.3#
68	4.4	2.3	3.5#

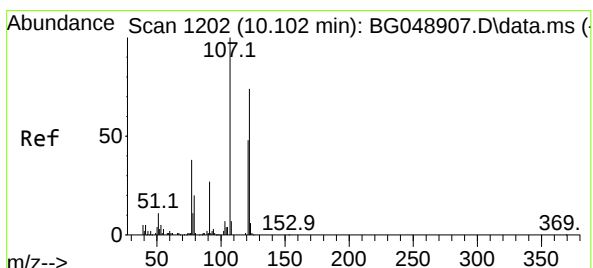
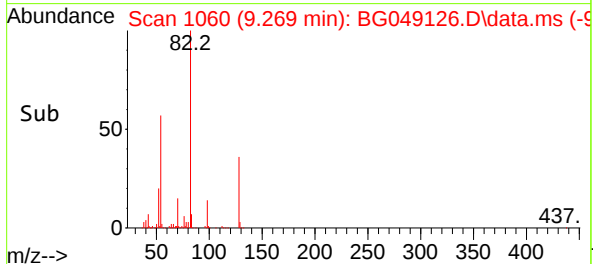
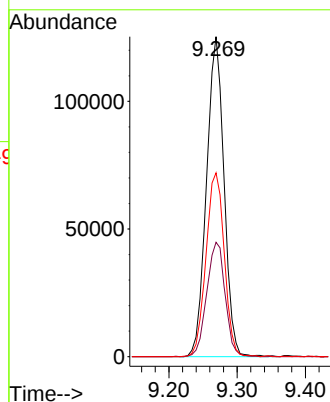
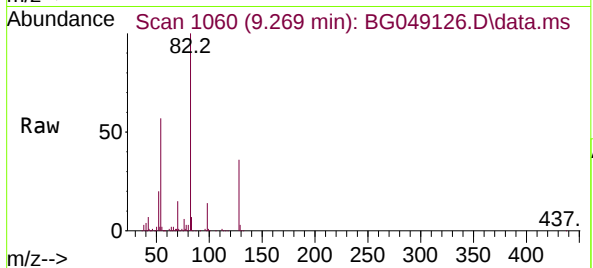




#23
Nitrobenzene-d5
Concen: 85.15 ng
RT: 9.269 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

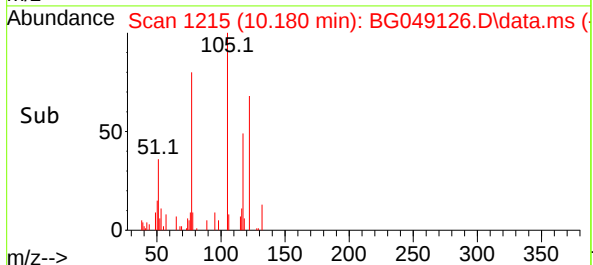
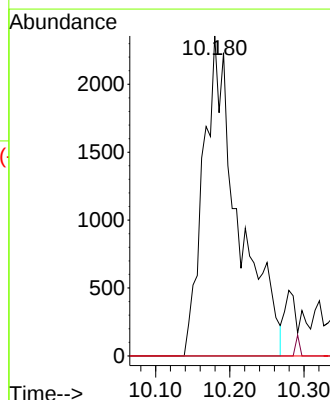
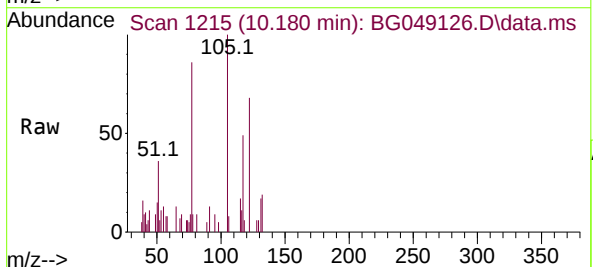
Instrument :
BNA_G
ClientSampleId :
PW-2R

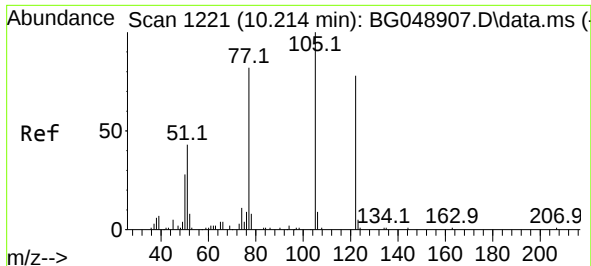
Tgt Ion: 82 Resp: 224018
Ion Ratio Lower Upper
82 100
128 35.7 29.8 44.6
54 57.4 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 4.24 ng
RT: 10.180 min Scan# 1215
Delta R.T. 0.094 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

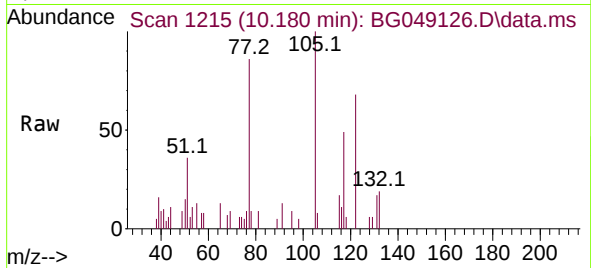
Tgt Ion: 122 Resp: 7729
Ion Ratio Lower Upper
122 100
107 0.0 110.1 165.1#
121 0.0 49.0 73.6#



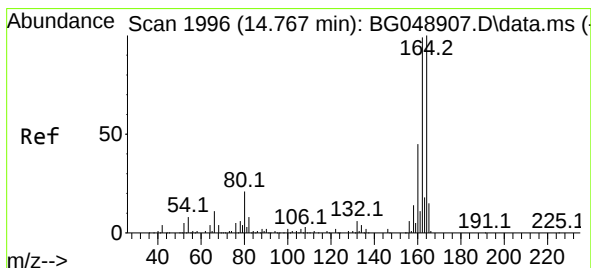
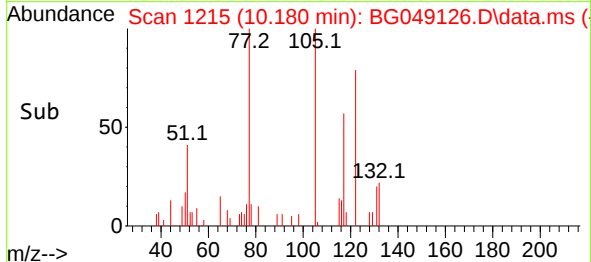
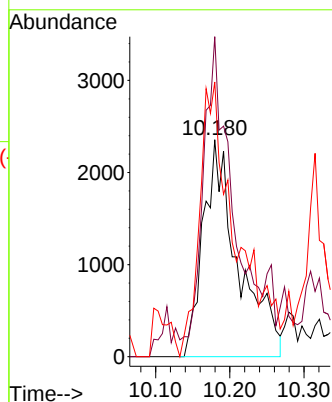


#32
Benzoic acid
Concen: 6.49 ng
RT: 10.180 min Scan# 1215
Delta R.T. -0.053 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Instrument :
BNA_G
ClientSampleId :
PW-2R

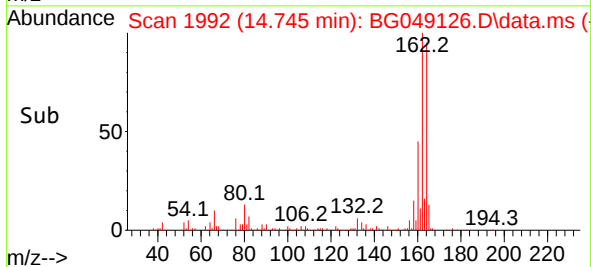
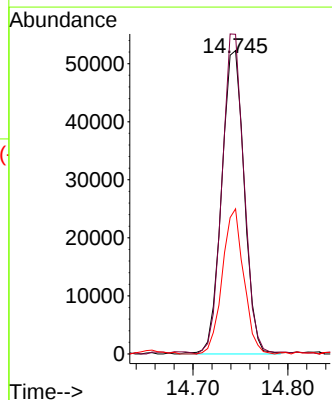
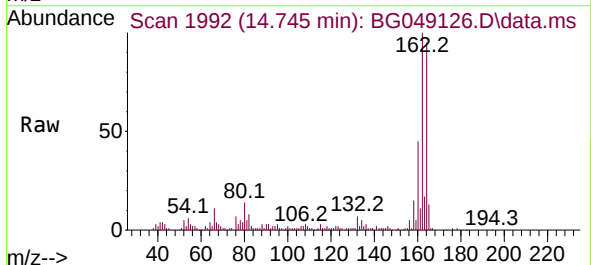


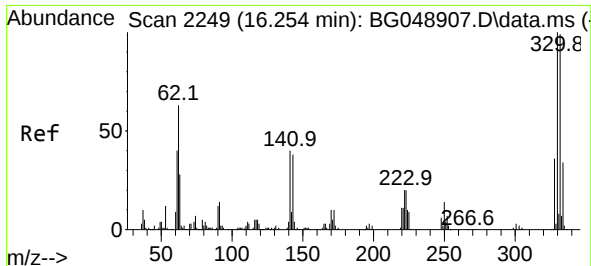
Tgt Ion:122 Resp: 7729
Ion Ratio Lower Upper
122 100
105 147.5 92.3 132.3#
77 126.6 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

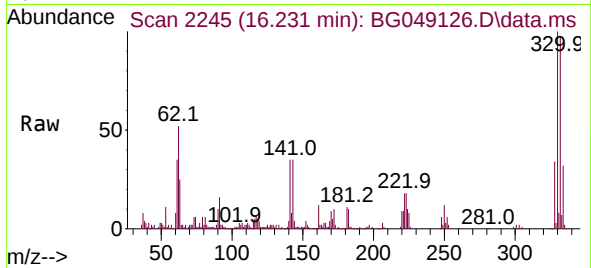
Tgt Ion:164 Resp: 86928
Ion Ratio Lower Upper
164 100
162 105.4 81.4 122.0
160 47.8 34.9 52.3



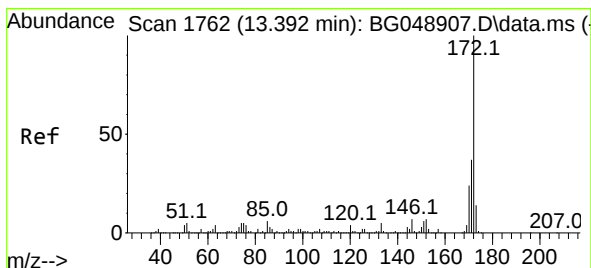
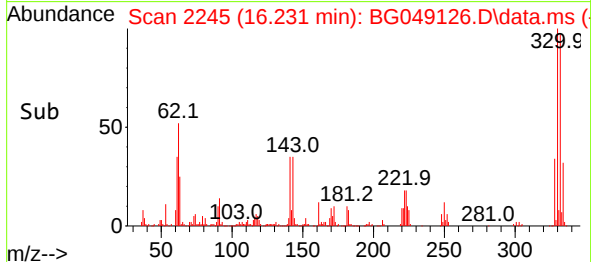
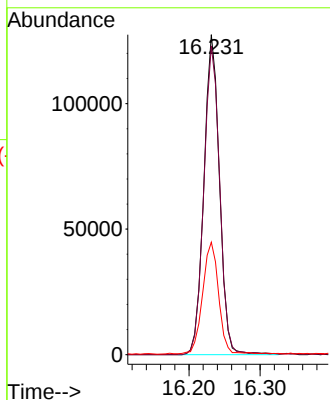


#42
2,4,6-Tribromophenol
Concen: 151.23 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Instrument :
BNA_G
ClientSampled :
PW-2R

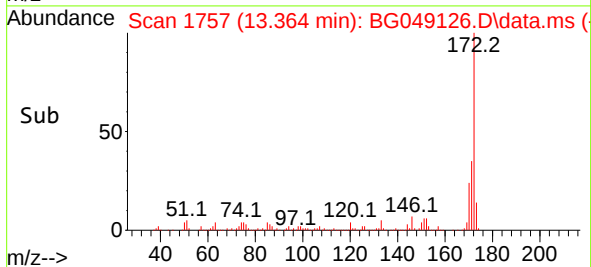
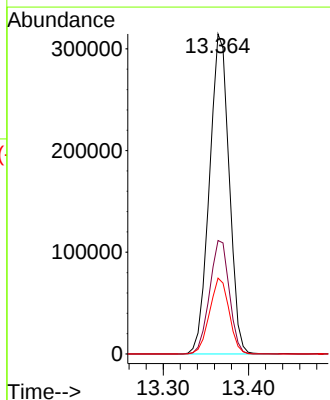
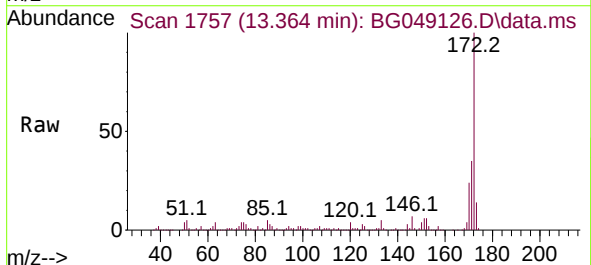


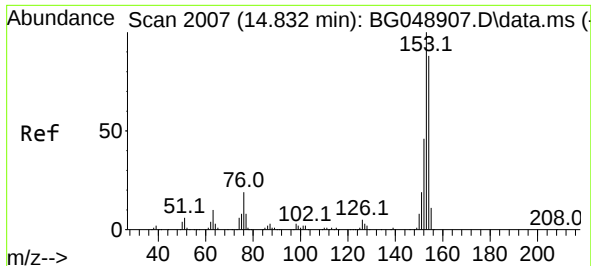
Tgt Ion:330 Resp: 194773
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 35.3 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 81.96 ng
RT: 13.364 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:172 Resp: 504327
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 18.6 27.8

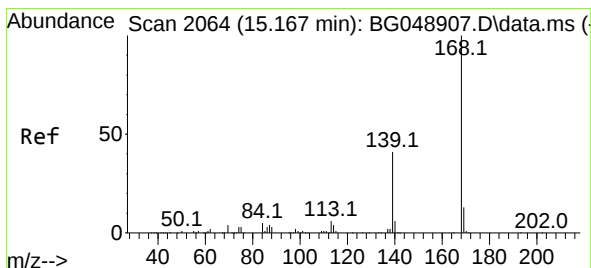
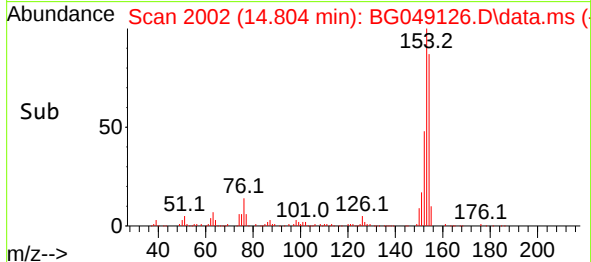
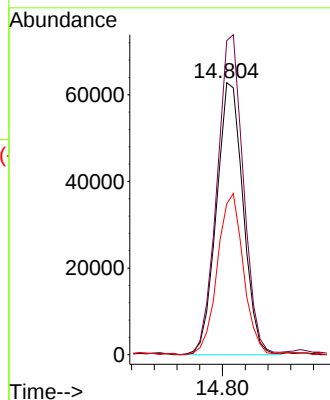
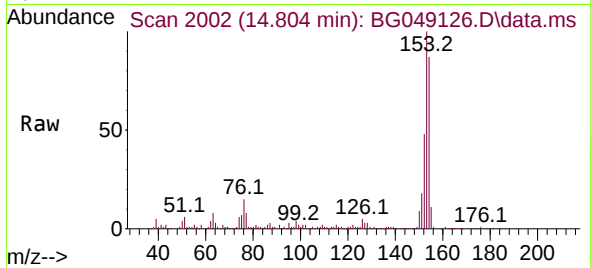




#52
Acenaphthene
Concen: 18.59 ng
RT: 14.804 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

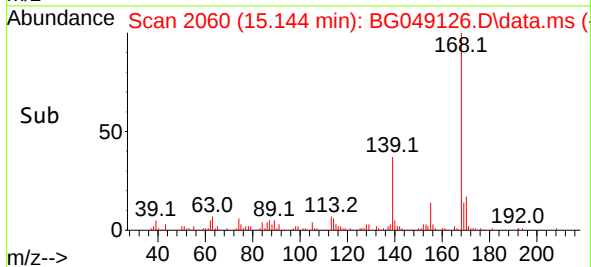
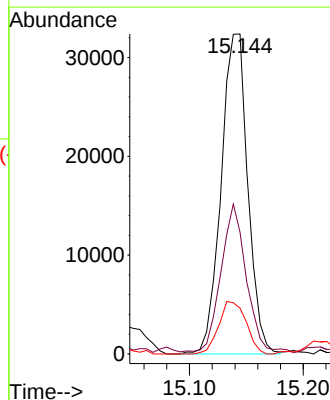
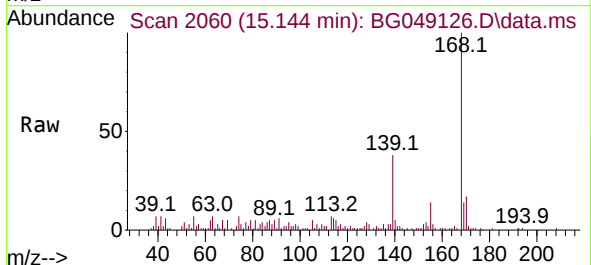
Instrument :
BNA_G
ClientSampleId :
PW-2R

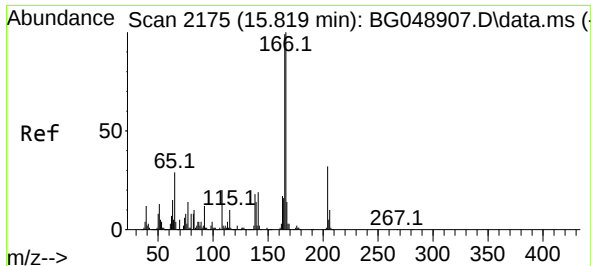
Tgt Ion:154 Resp: 102208
Ion Ratio Lower Upper
154 100
153 115.5 87.0 130.4
152 55.5 40.1 60.1



#55
Dibenzofuran
Concen: 6.18 ng
RT: 15.144 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:168 Resp: 52774
Ion Ratio Lower Upper
168 100
139 38.0 33.4 50.2
169 14.3 12.3 18.5

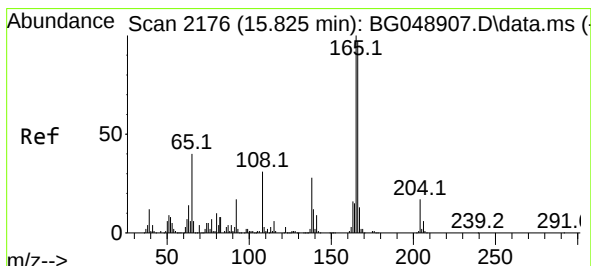
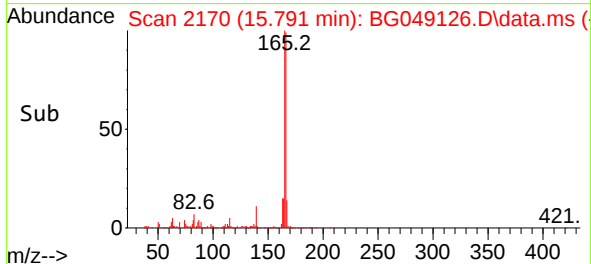
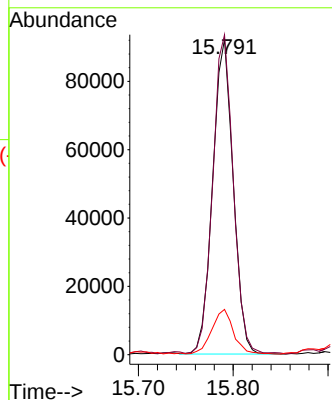
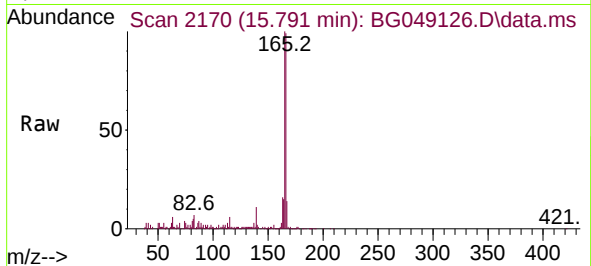




#58
Fluorene
Concen: 19.81 ng
RT: 15.791 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

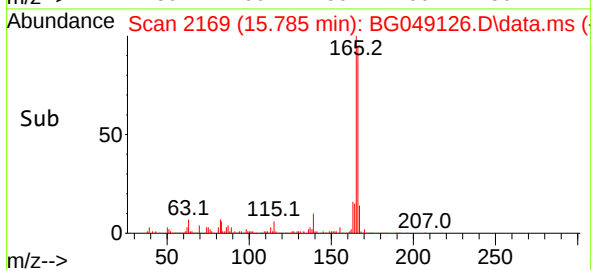
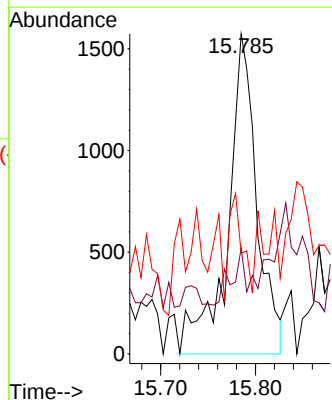
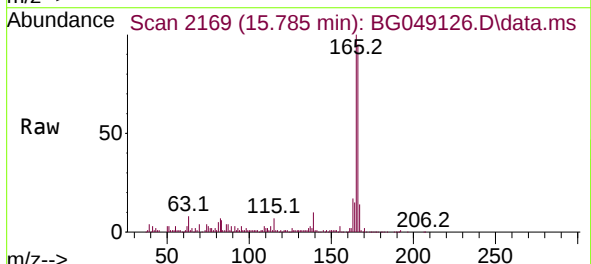
Instrument :
BNA_G
ClientSampled :
PW-2R

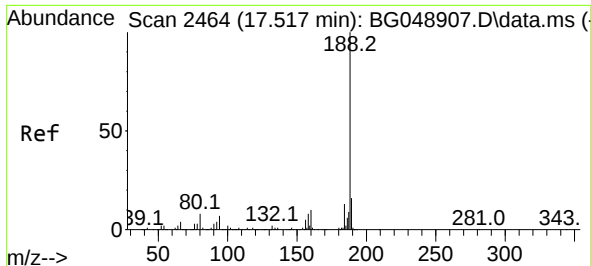
Tgt Ion:166 Resp: 138403
Ion Ratio Lower Upper
166 100
165 101.4 77.7 116.5
167 14.3 10.8 16.2



#62
4-Nitroaniline
Concen: 2.35 ng
RT: 15.785 min Scan# 2169
Delta R.T. -0.023 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:138 Resp: 3325
Ion Ratio Lower Upper
138 100
92 33.1 32.3 72.3
108 31.5 132.4 172.4#

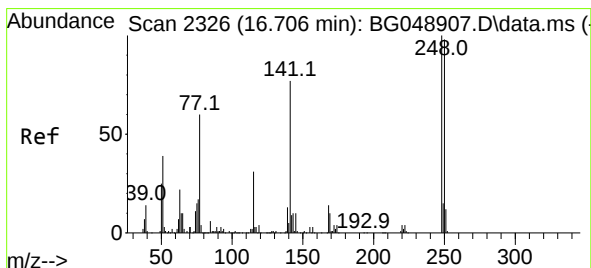
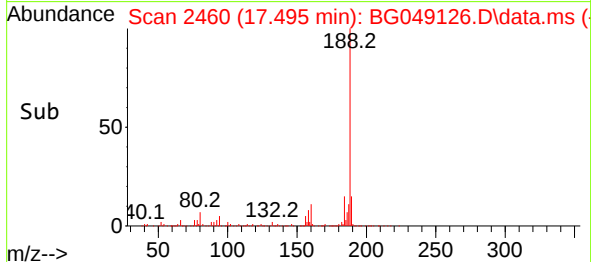
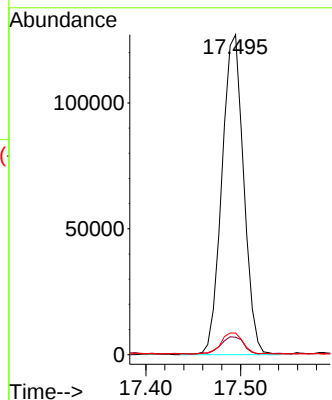
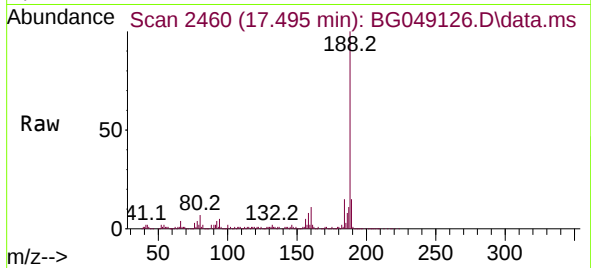




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.495 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

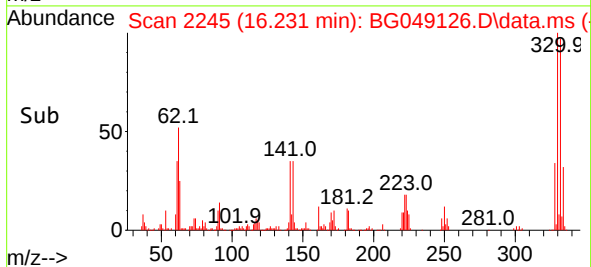
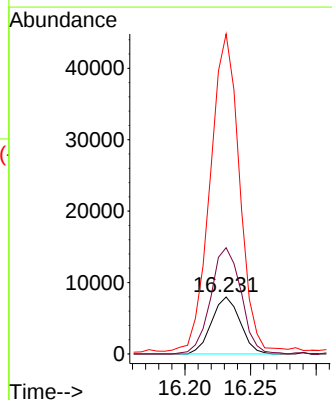
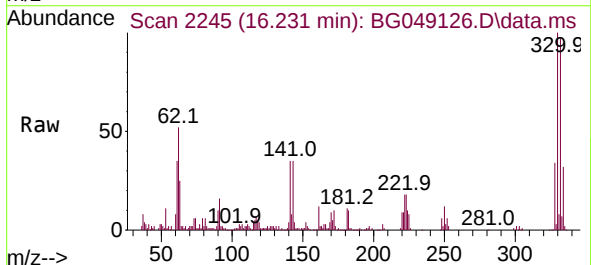
Instrument :
BNA_G
ClientSampleId :
PW-2R

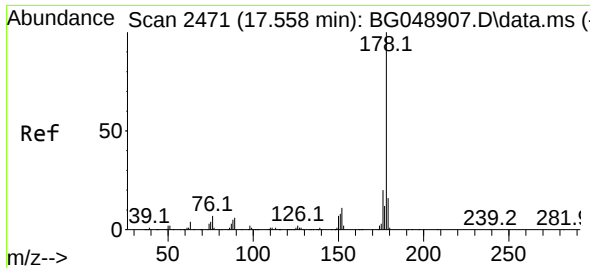
Tgt Ion:188 Resp: 203190
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 6.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.452 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:248 Resp: 12036
Ion Ratio Lower Upper
248 100
250 186.9 76.1 114.1#
141 562.3 65.4 98.2#

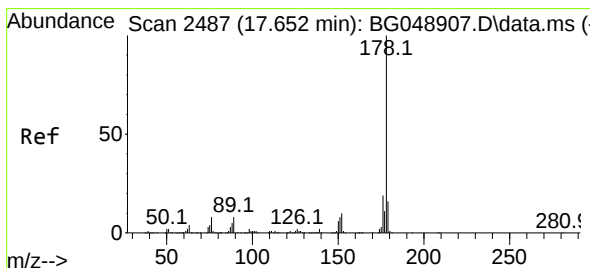
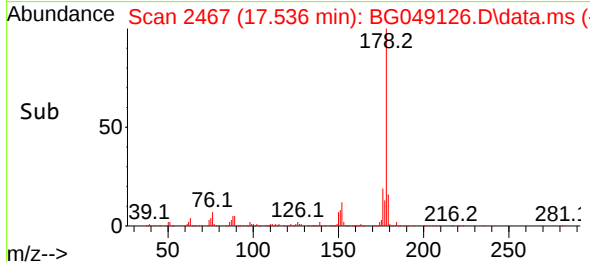
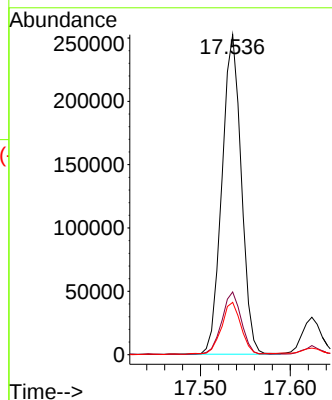
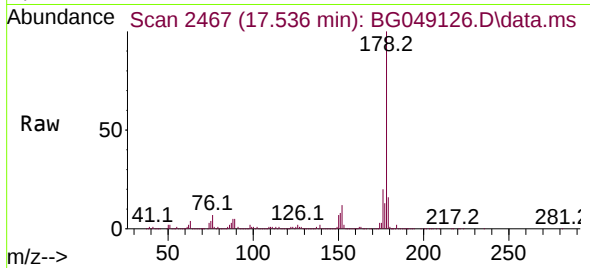




#71
Phenanthrene
Concen: 32.90 ng
RT: 17.536 min Scan# 2467
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

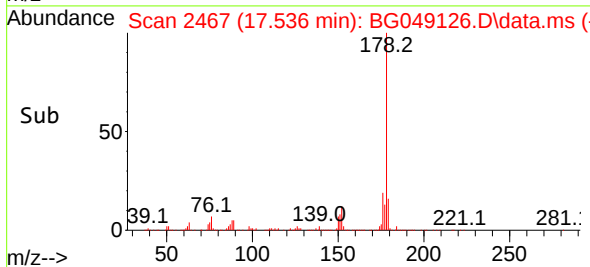
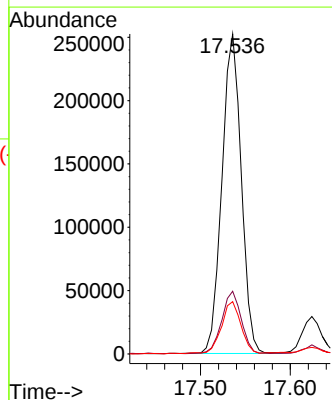
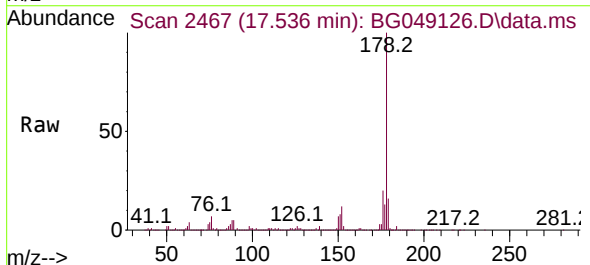
Instrument :
BNA_G
ClientSampleId :
PW-2R

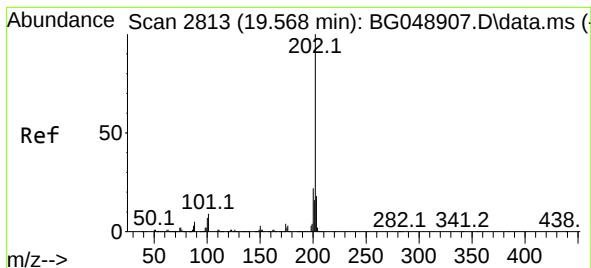
Tgt Ion:178 Resp: 376200
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.4 14.2 21.4



#72
Anthracene
Concen: 32.75 ng
RT: 17.536 min Scan# 2467
Delta R.T. -0.094 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:178 Resp: 376200
Ion Ratio Lower Upper
178 100
176 19.6 14.6 21.8
179 16.4 13.4 20.0

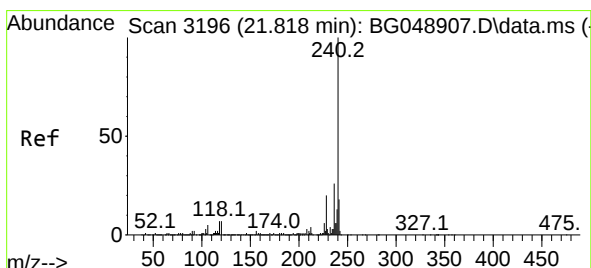
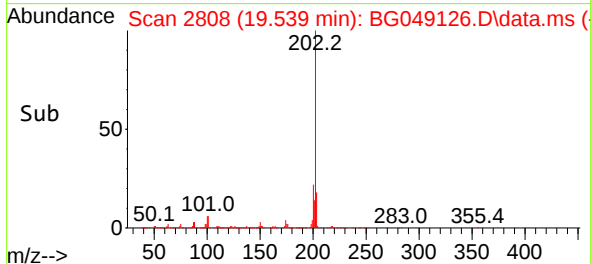
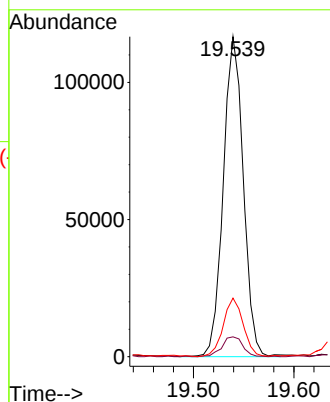
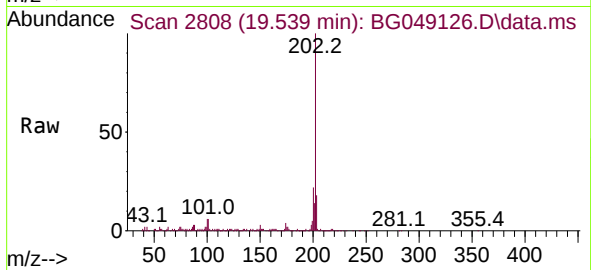




#75
Fluoranthene
Concen: 11.72 ng
RT: 19.539 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

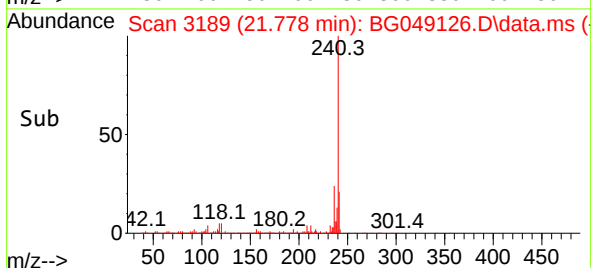
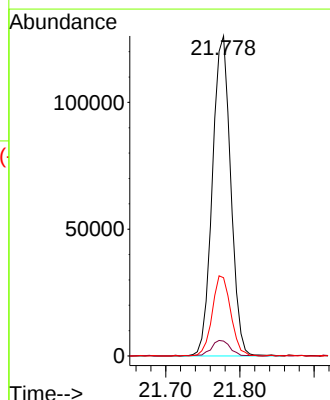
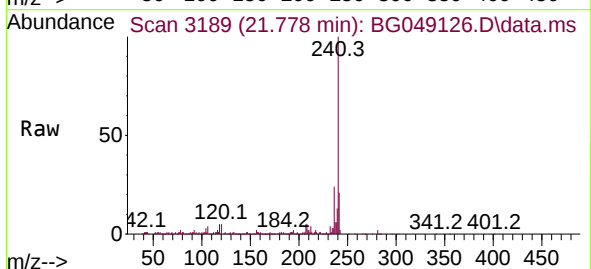
Instrument :
BNA_G
ClientSampleId :
PW-2R

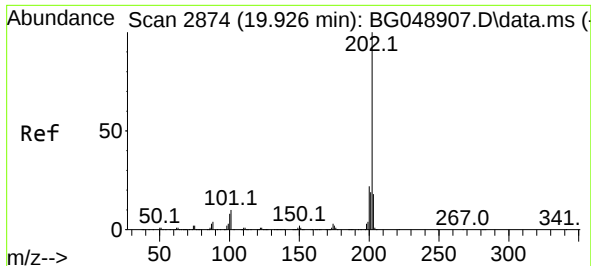
Tgt Ion:202 Resp: 161635
Ion Ratio Lower Upper
202 100
101 6.2 0.0 24.7
203 18.3 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.778 min Scan# 3189
Delta R.T. -0.012 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:240 Resp: 216181
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 24.5 21.8 32.6

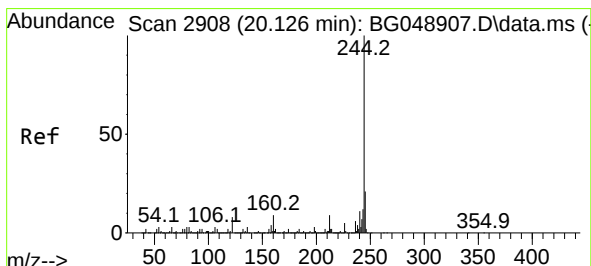
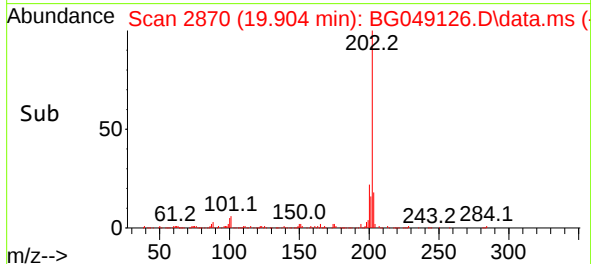
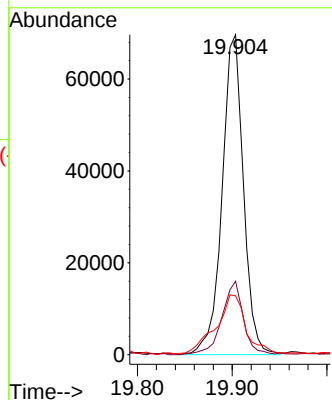
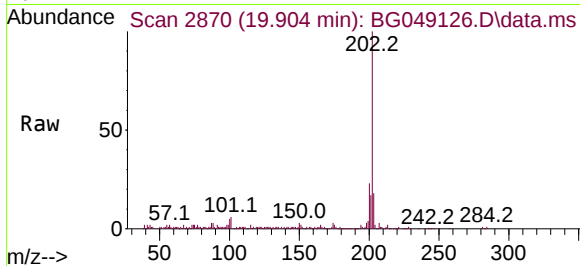




#78
Pyrene
Concen: 6.95 ng
RT: 19.904 min Scan# 2870
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

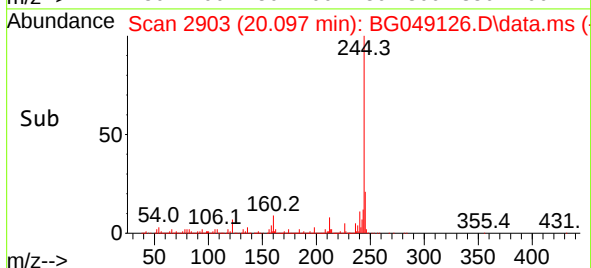
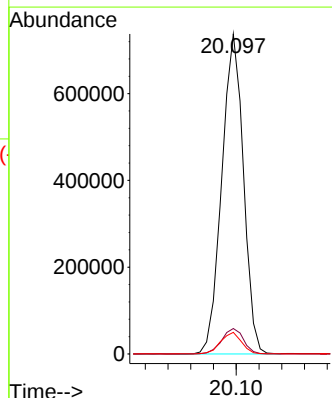
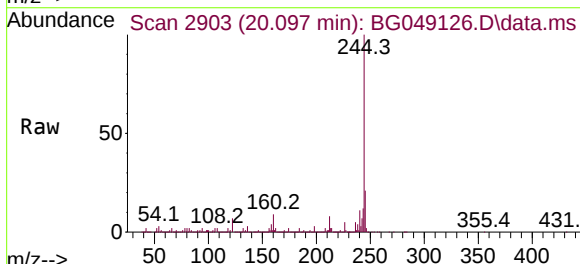
Instrument :
BNA_G
ClientSampleId :
PW-2R

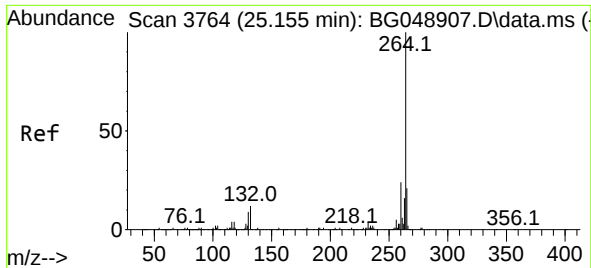
Tgt Ion:202	Resp:	109040
Ion Ratio	Lower	Upper
202	100	
200	22.9	15.8 23.8
203	18.4	14.6 21.8



#79
Terphenyl-d14
Concen: 82.66 ng
RT: 20.097 min Scan# 2903
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:244	Resp:	975736
Ion Ratio	Lower	Upper
244	100	
212	8.0	6.9 10.3
122	6.8	5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.086 min Scan# 3752
Delta R.T. -0.017 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Instrument :
BNA_G
ClientSampleId :
PW-2R

Tgt Ion:264	Resp:	232280
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.4 29.2
265	22.2	16.9 25.3

