

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048934.D
 Acq On : 13 Jun 2021 9:05
 Operator : CG/JU
 Sample : M2625-33
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(186-190)

Quant Time: Jun 14 03:19:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

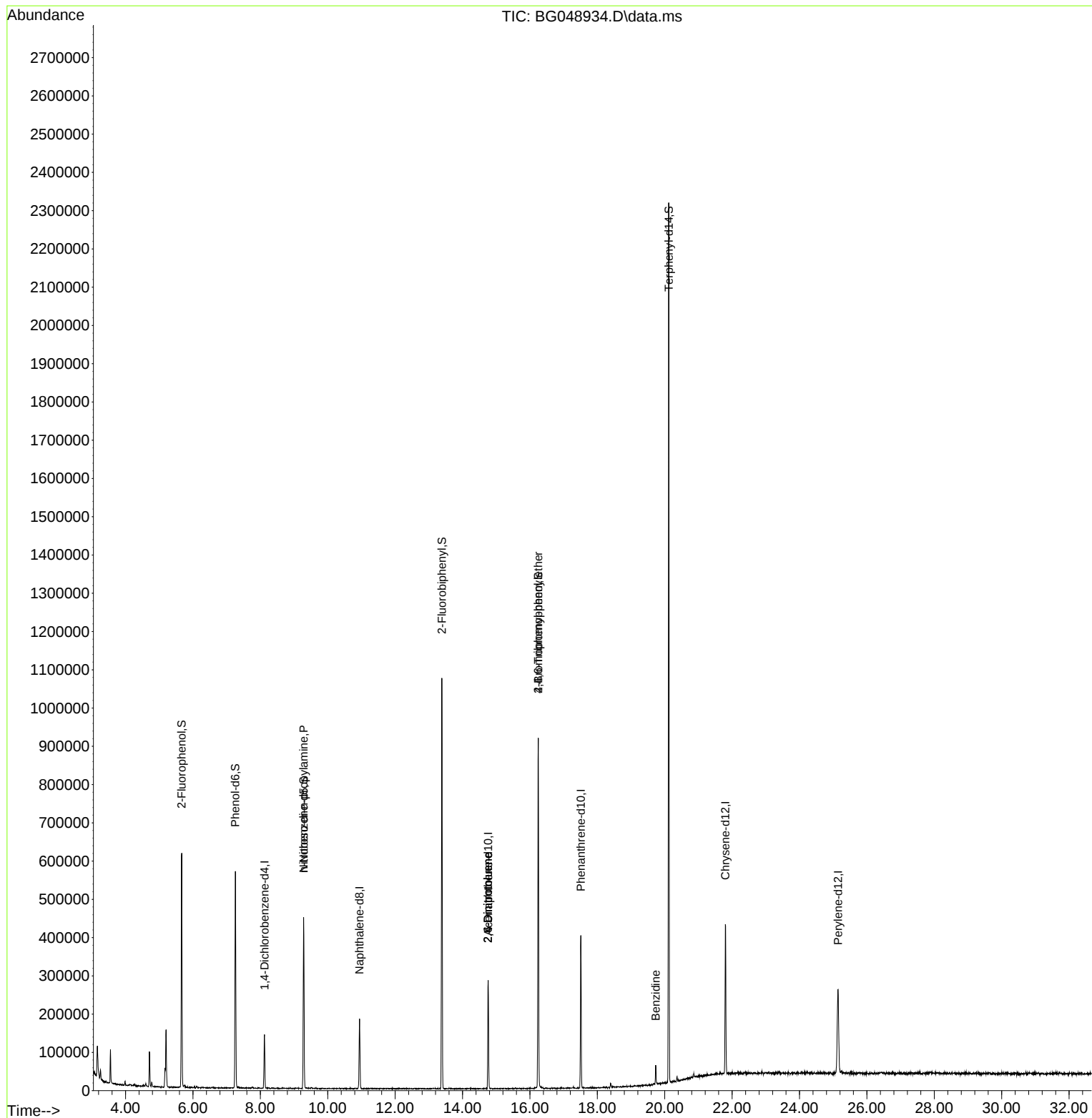
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	35209	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	143353	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	105564	20.00	ng	0.00
64) Phenanthrene-d10	17.511	188	250870	20.00	ng	# 0.00
76) Chrysene-d12	21.800	240	255688	20.00	ng	-0.02
86) Perylene-d12	25.144	264	257941	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	233314	103.15	ng	0.00
7) Phenol-d6	7.259	99	278728	82.22	ng	0.00
23) Nitrobenzene-d5	9.286	82	260465	78.35	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	171745	109.81	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	530178	70.95	ng	0.00
79) Terphenyl-d14	20.120	244	1034908	74.13	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.286	70	38246	14.43	ng	# 72
51) 2,6-Dinitrotoluene	14.756	165	13602	8.12	ng	# 11
57) 2,4-Dinitrotoluene	14.756	165	13602	6.61	ng	# 16
67) 4-Bromophenyl-phenylether	16.248	248	10625	3.39	ng	# 1
77) Benzdine	19.732	184	28260	5.49	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
Data File : BG048934.D
Acq On : 13 Jun 2021 9:05
Operator : CG/JU
Sample : M2625-33
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
18-B12(186-190)

Quant Time: Jun 14 03:19:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

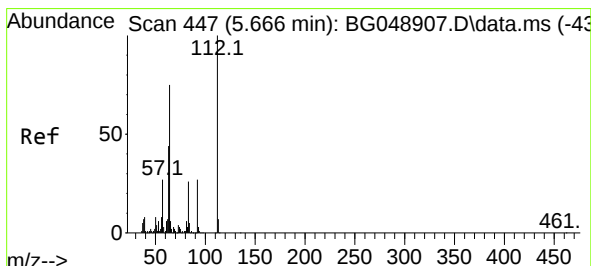
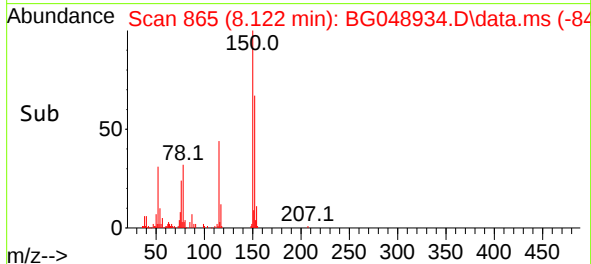
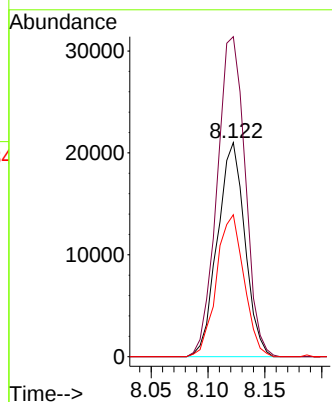
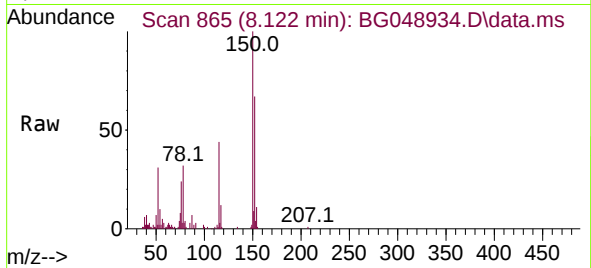




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.122 min Scan# 865
Delta R.T. 0.000 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

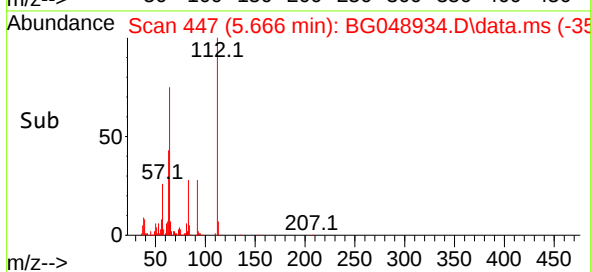
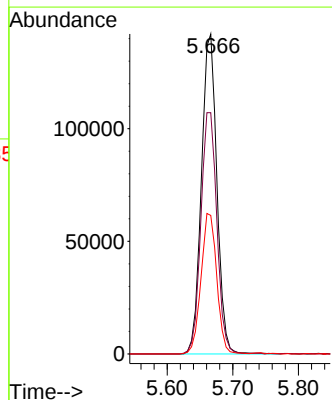
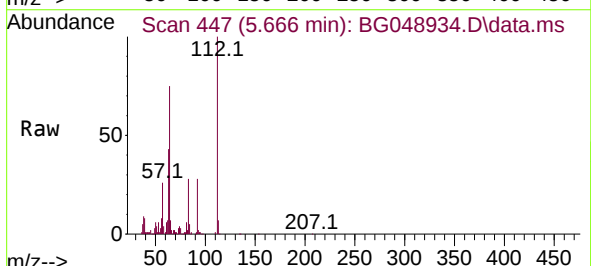
Instrument :
BNA_G
ClientSampleId :
18-B12(186-190)

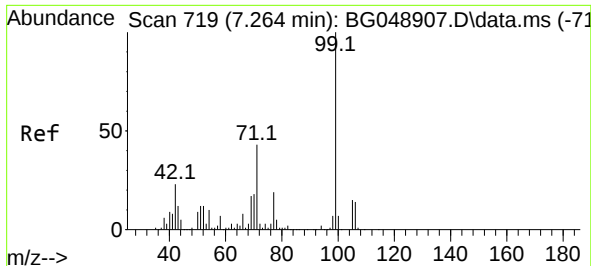
Tgt Ion:152 Resp: 35209
Ion Ratio Lower Upper
152 100
150 149.4 119.4 179.0
115 66.3 60.2 90.4



#5
2-Fluorophenol
Concen: 103.15 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.000 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

Tgt Ion:112 Resp: 233314
Ion Ratio Lower Upper
112 100
64 75.4 46.7 70.1#
63 43.3 35.3 52.9

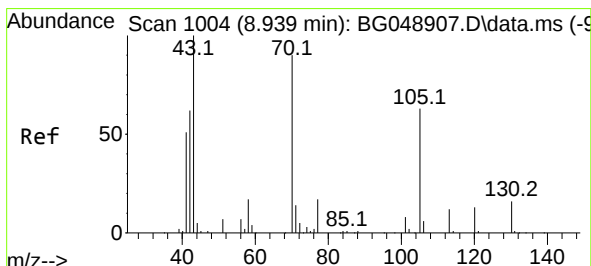
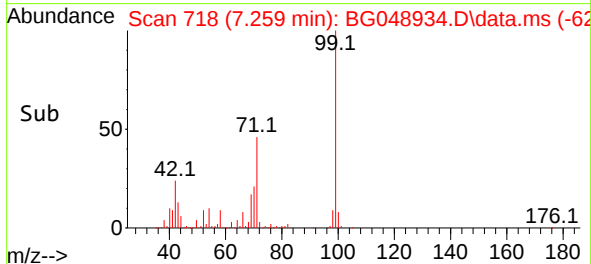
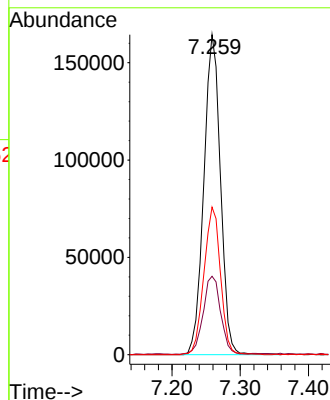
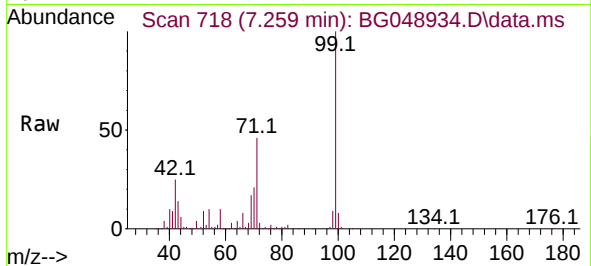




#7
Phenol-d6
Concen: 82.22 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

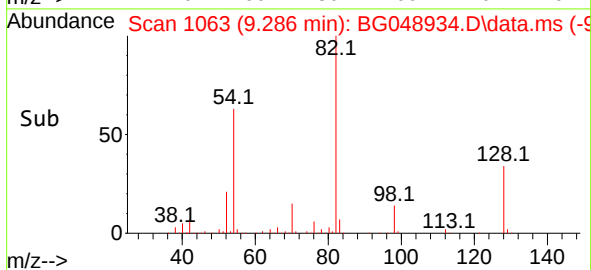
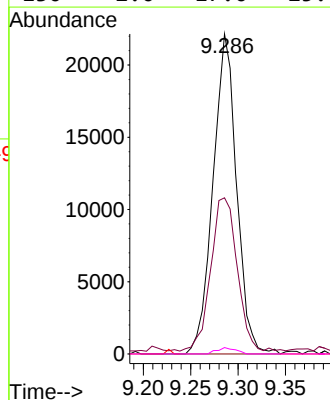
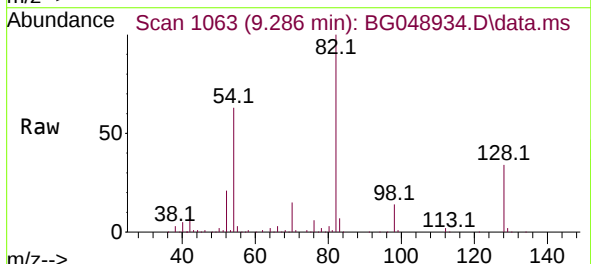
Instrument :
BNA_G
ClientSampleId :
18-B12(186-190)

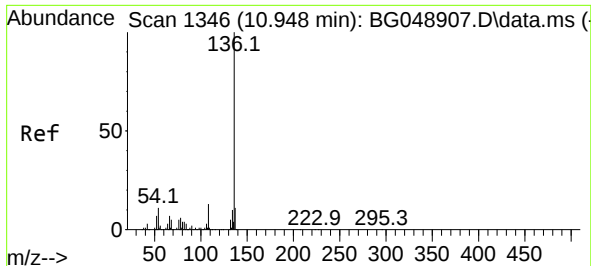
Tgt Ion: 99 Resp: 278728
Ion Ratio Lower Upper
99 100
42 24.5 20.5 30.7
71 46.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.43 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

Tgt Ion: 70 Resp: 38246
Ion Ratio Lower Upper
70 100
42 48.8 54.5 81.7#
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#

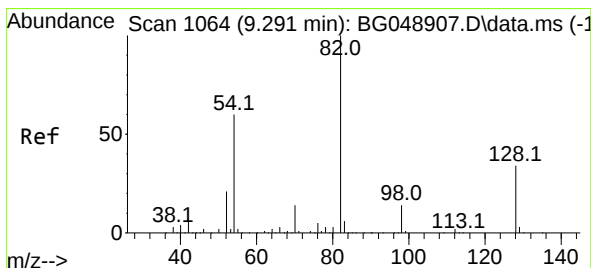
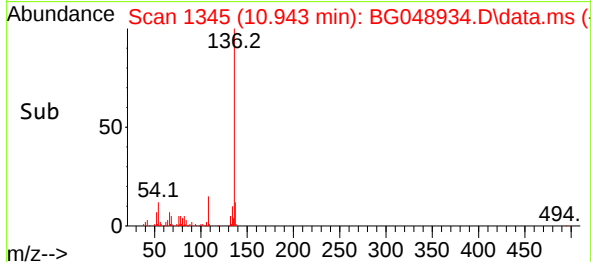
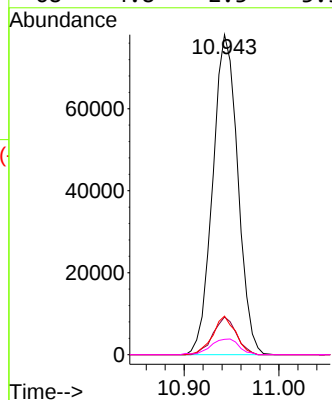
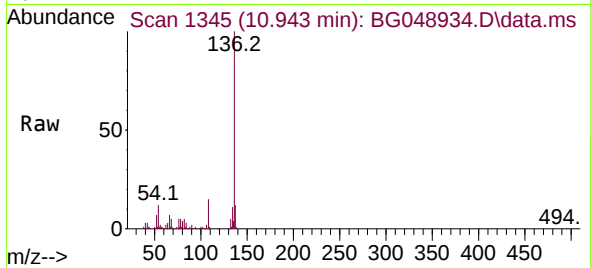




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

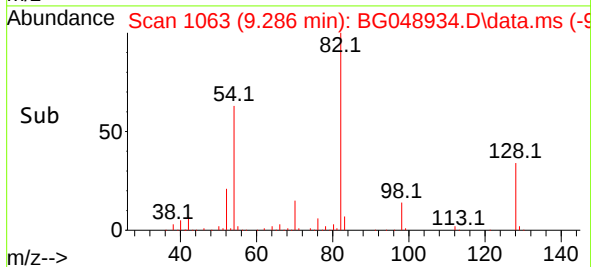
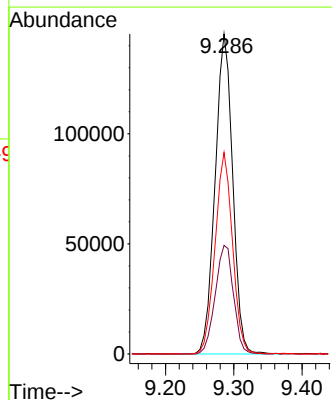
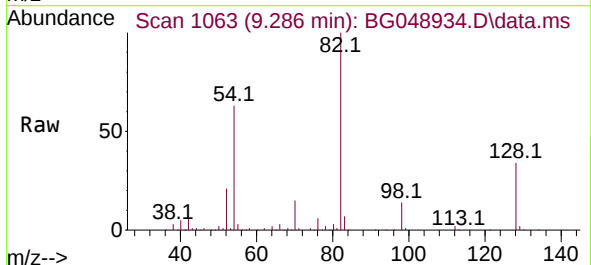
Instrument :
BNA_G
ClientSampleId :
18-B12(186-190)

Tgt Ion:	136	Resp:	143353
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.2	12.2
54	12.0	5.5	8.3#
68	4.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 78.35 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

Tgt Ion:	82	Resp:	260465
Ion Ratio	Lower	Upper	
82	100		
128	33.9	29.8	44.6
54	62.9	45.8	68.8

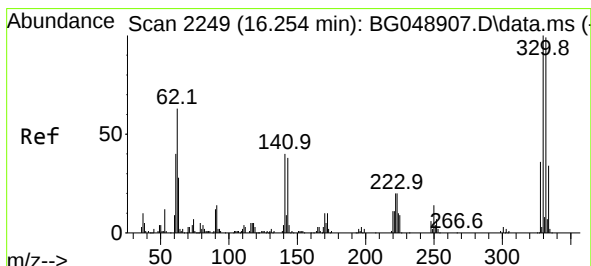
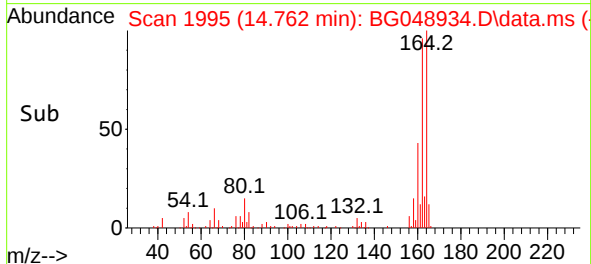
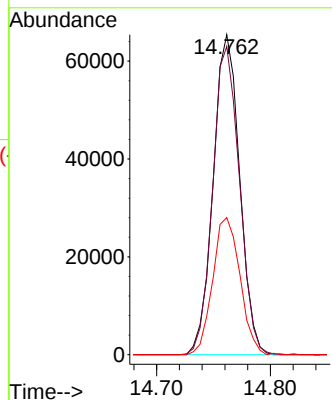
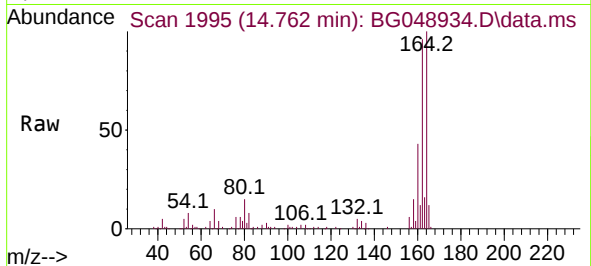




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

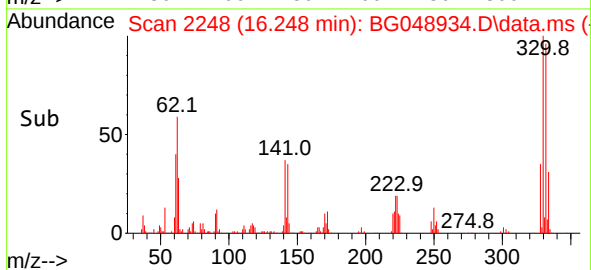
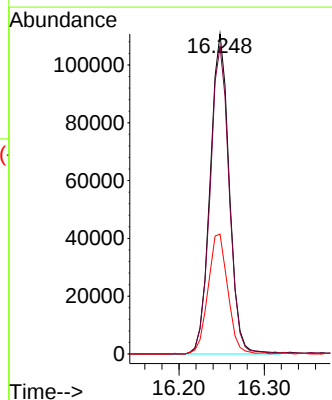
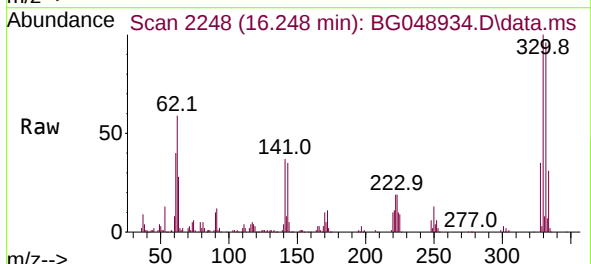
Instrument :
BNA_G
ClientSampleId :
18-B12(186-190)

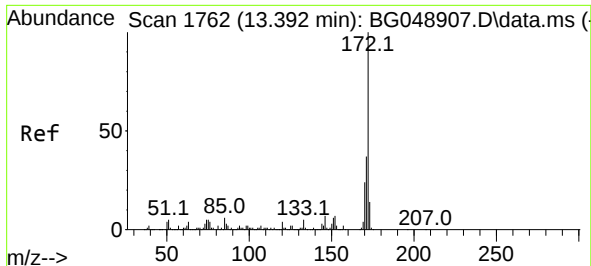
Tgt Ion:164 Resp: 105564
Ion Ratio Lower Upper
164 100
162 96.4 81.4 122.0
160 42.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 109.81 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

Tgt Ion:330 Resp: 171745
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 38.8 35.6 53.4

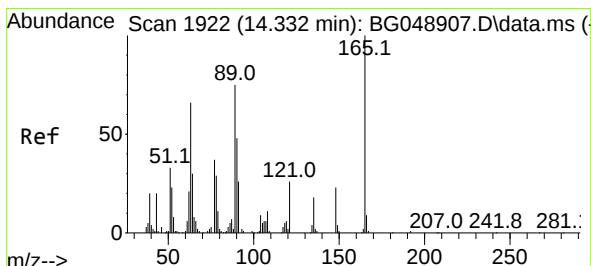
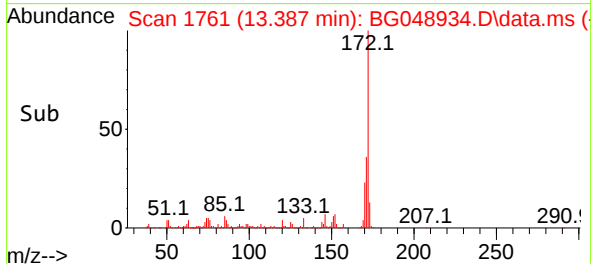
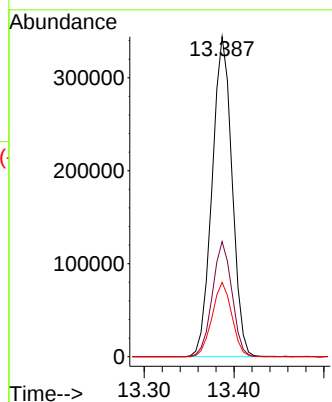
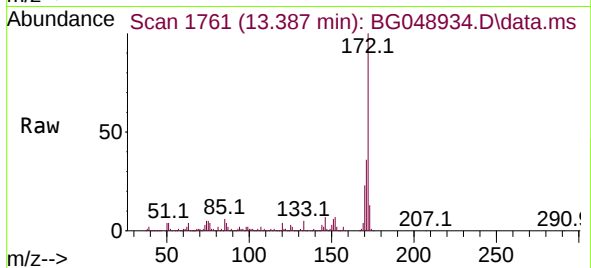




#45
2-Fluorobiphenyl
Concen: 70.95 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

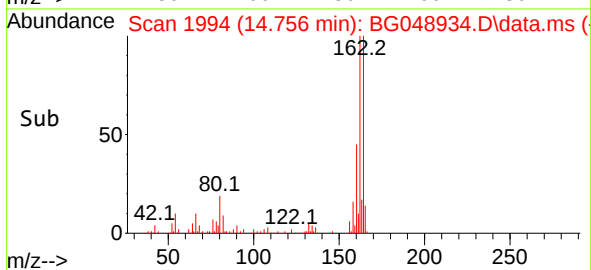
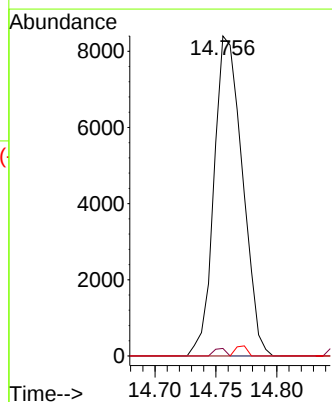
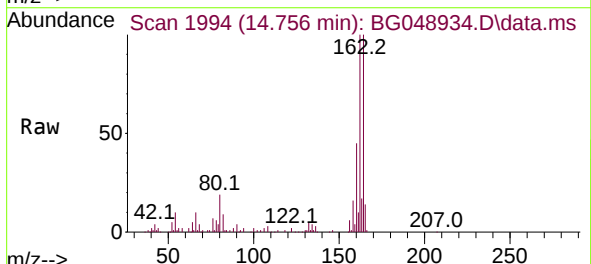
Instrument :
BNA_G
ClientSampleId :
18-B12(186-190)

Tgt Ion:172 Resp: 530178
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 14.756 min Scan# 1994
Delta R.T. 0.423 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

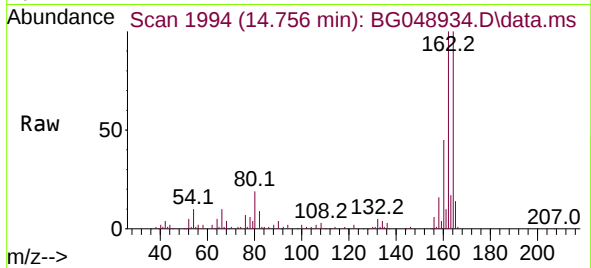
Tgt Ion:165 Resp: 13602
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 0.0 63.4 95.0#



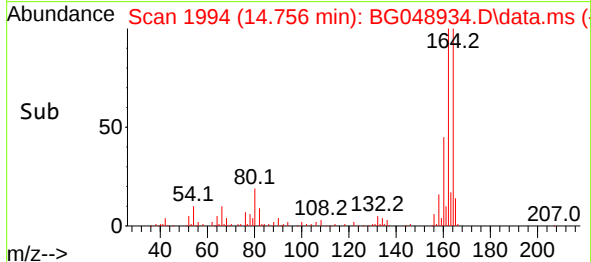
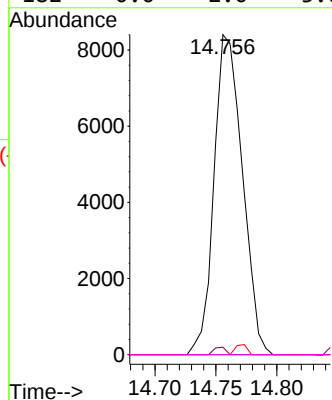


#57
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.364 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

Instrument :
BNA_G
ClientSampleId :
18-B12(186-190)

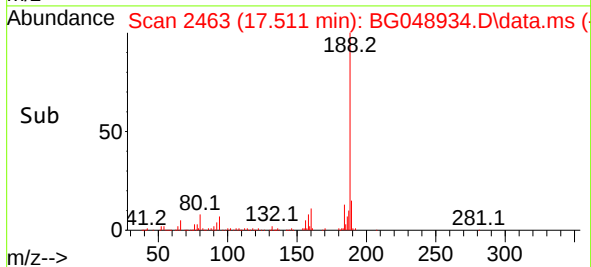
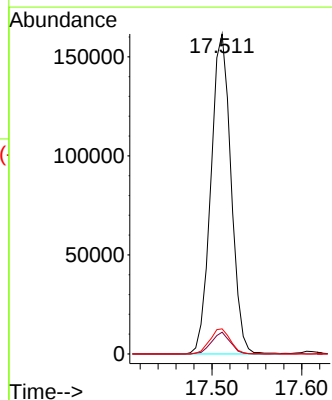
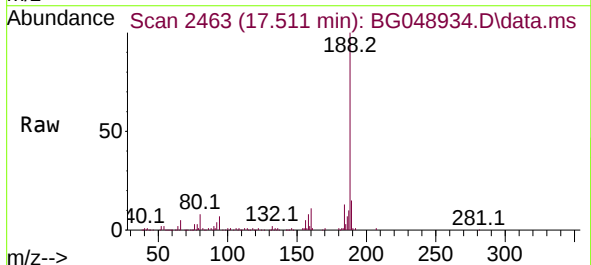


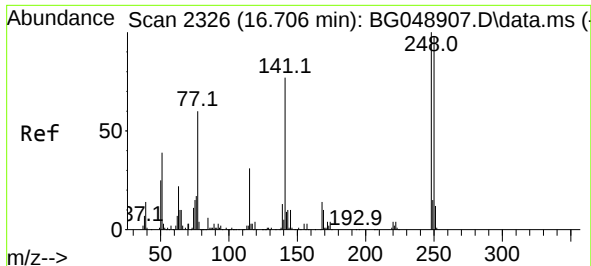
Tgt Ion:165 Resp: 13602
Ion Ratio Lower Upper
165 100
63 2.3 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.511 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

Tgt Ion:188 Resp: 250870
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.9 3.7 5.5#

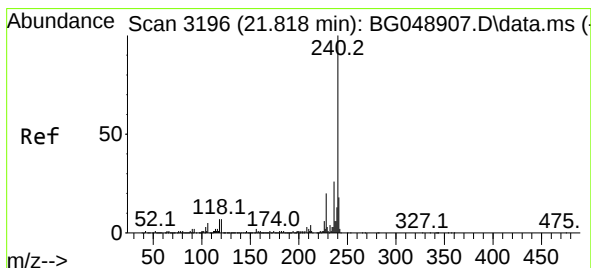
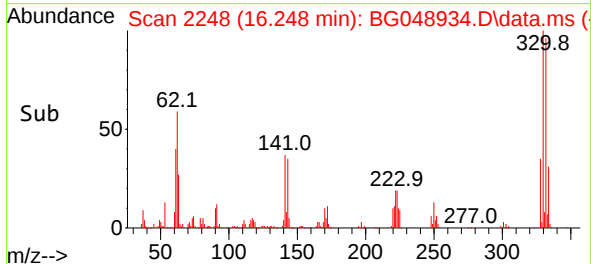
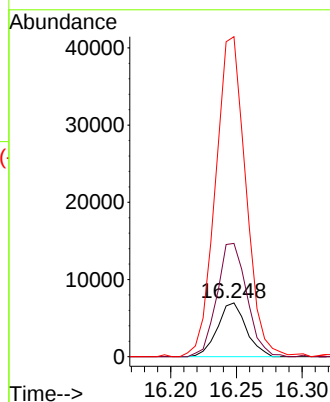
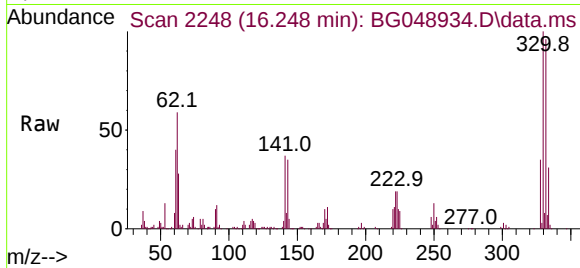




#67
4-Bromophenyl-phenylether
Concen: 3.39 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

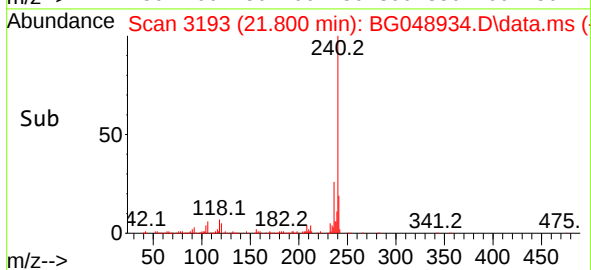
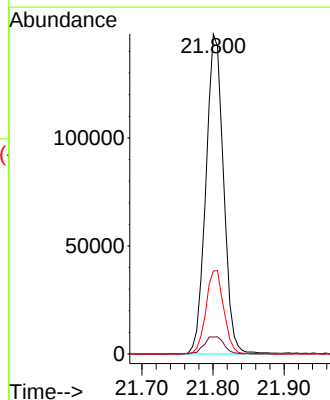
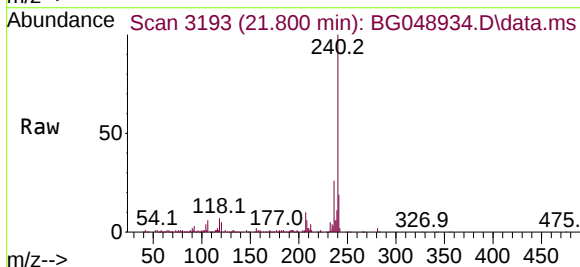
Instrument :
BNA_G
ClientSampleId :
18-B12(186-190)

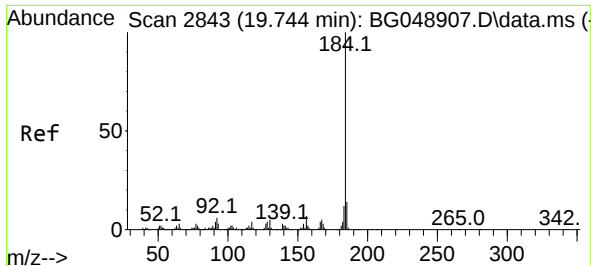
Tgt Ion	Ratio	Lower	Upper
248	100		
250	210.7	76.1	114.1#
141	595.4	65.4	98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.800 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.2	6.2
236	25.9	21.8	32.6

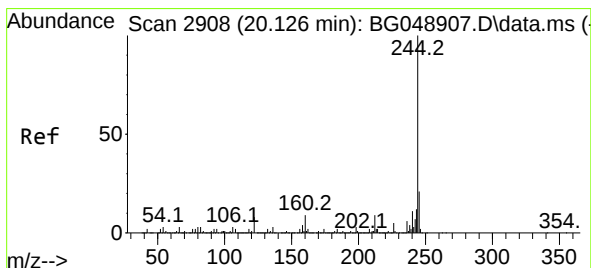
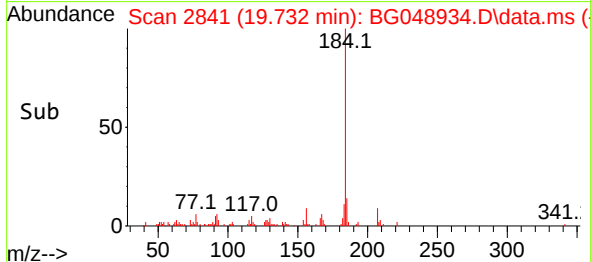
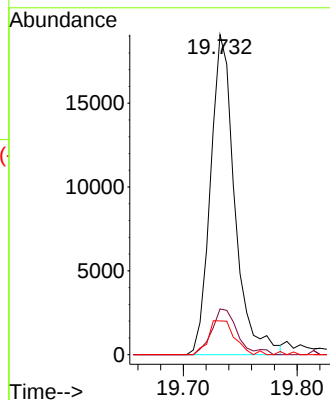
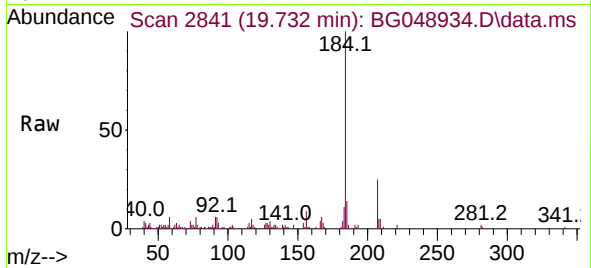




#77
Benzidine
Concen: 5.49 ng
RT: 19.732 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

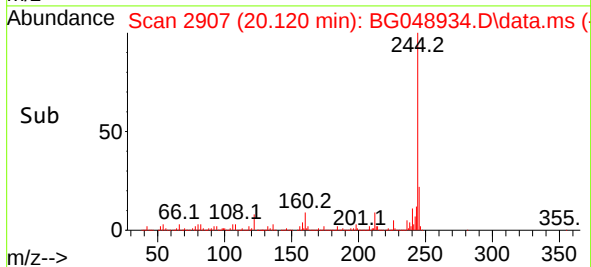
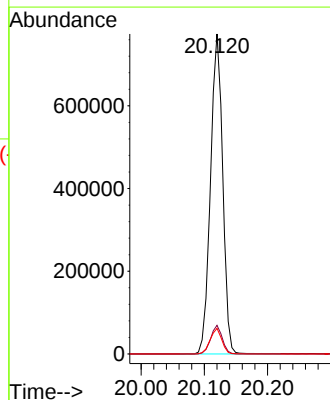
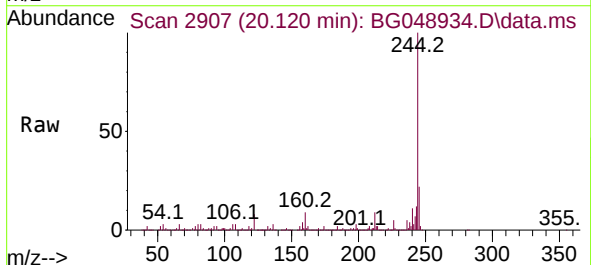
Instrument :
BNA_G
ClientSampleId :
18-B12(186-190)

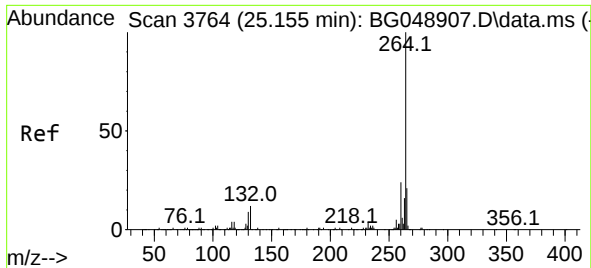
Tgt Ion:184 Resp: 28260
Ion Ratio Lower Upper
184 100
185 14.3 10.7 16.1
183 10.5 9.4 14.0



#79
Terphenyl-d14
Concen: 74.13 ng
RT: 20.120 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG048934.D
Acq: 13 Jun 2021 9:05

Tgt Ion:244 Resp: 1034908
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 8.0 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.144 min Scan# 3762
 Delta R.T. -0.012 min
 Lab File: BG048934.D
 Acq: 13 Jun 2021 9:05

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(186-190)

Tgt Ion:264 Resp: 257941
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 19.3 16.9 25.3

