

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
 Data File : BG048987.D
 Acq On : 15 Jun 2021 21:26
 Operator : CG/JU
 Sample : M2672-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(48-52)

Quant Time: Jun 16 01:02:29 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)

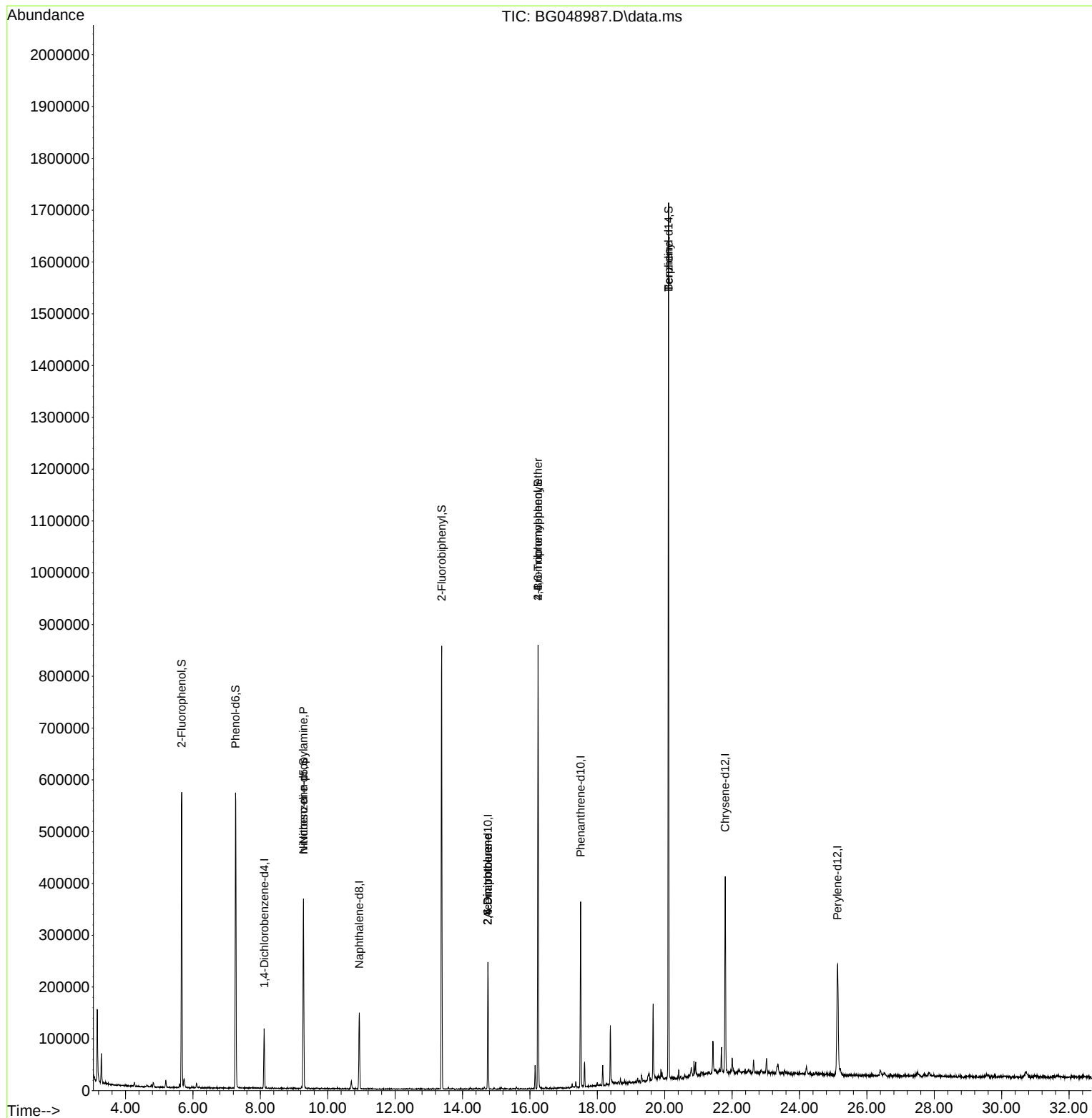
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	28857	20.00	ng	# 0.00
21) Naphthalene-d8	10.937	136	115873	20.00	ng	#-0.01
39) Acenaphthene-d10	14.756	164	87192	20.00	ng	-0.01
64) Phenanthrene-d10	17.506	188	225340	20.00	ng	#-0.01
76) Chrysene-d12	21.795	240	241093	20.00	ng	-0.02
86) Perylene-d12	25.127	264	251339	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	223048	120.32	ng	0.00
7) Phenol-d6	7.265	99	295798	106.46	ng	0.00
23) Nitrobenzene-d5	9.280	82	210370	78.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.243	330	156472	121.13	ng	-0.01
45) 2-Fluorobiphenyl	13.381	172	431937	69.98	ng	-0.01
79) Terphenyl-d14	20.115	244	799432	60.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	30194	13.90	ng	# 77
51) 2,6-Dinitrotoluene	14.750	165	11762	8.50	ng	# 10
57) 2,4-Dinitrotoluene	14.750	165	11762	6.92	ng	# 15
67) 4-Bromophenyl-phenylether	16.243	248	10420	3.70	ng	# 1
77) Benzidine	20.115	184	15631	3.22	ng	96

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

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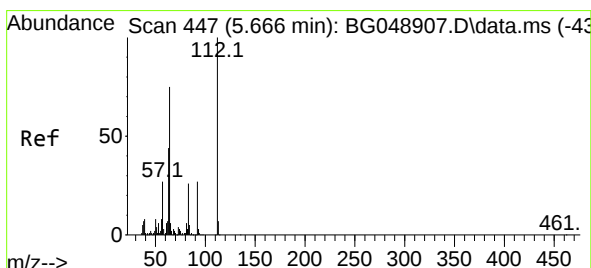
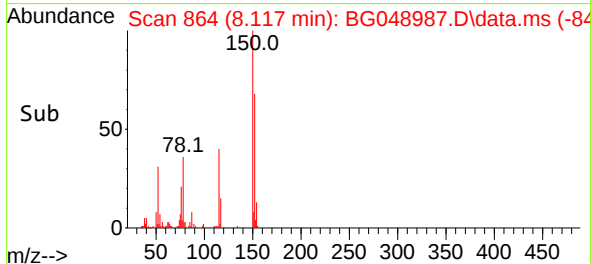
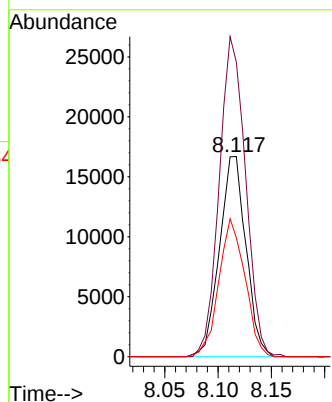
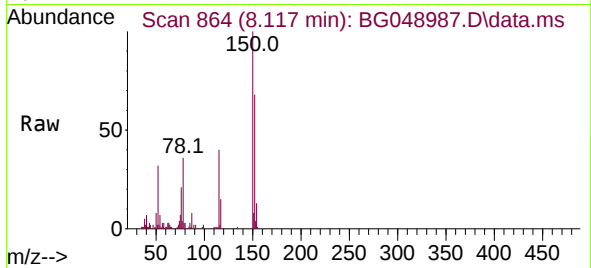




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

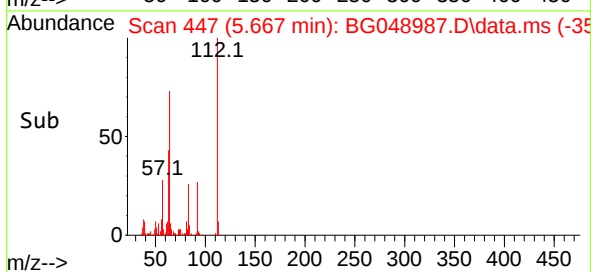
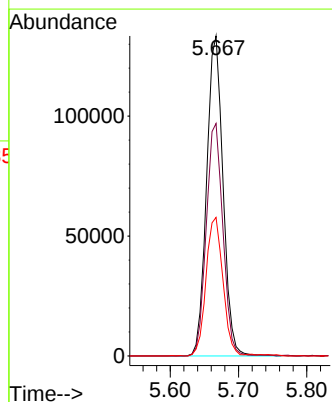
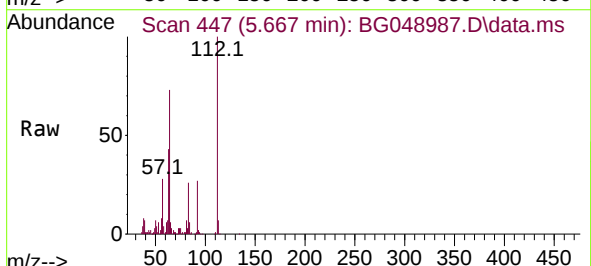
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

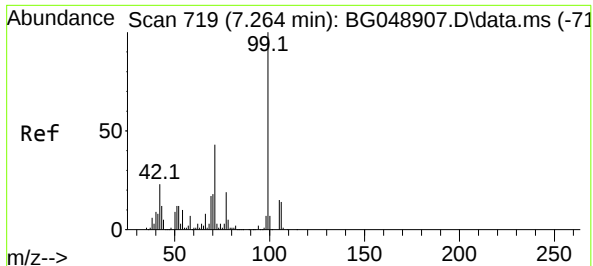
Tgt Ion:152 Resp: 28857
Ion Ratio Lower Upper
152 100
150 147.1 119.4 179.0
115 59.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 120.32 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

Tgt Ion:112 Resp: 223048
Ion Ratio Lower Upper
112 100
64 72.6 46.7 70.1#
63 43.3 35.3 52.9

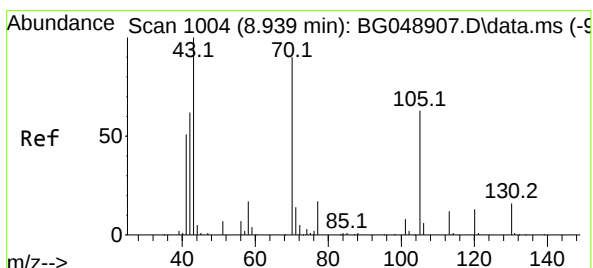
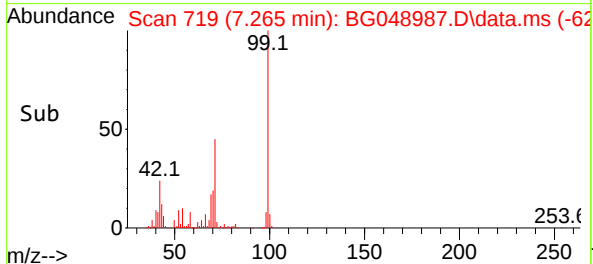
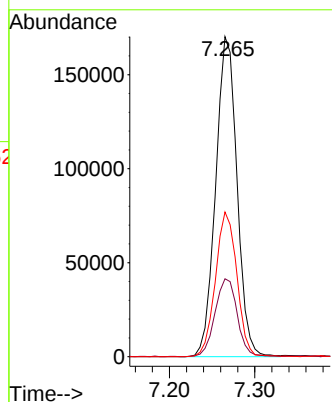
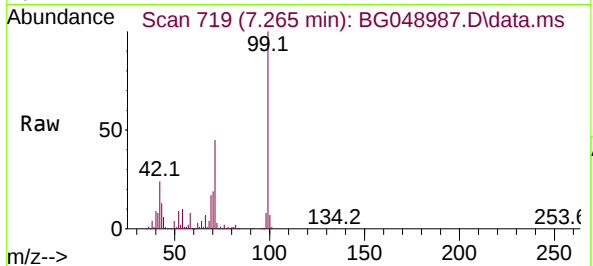




#7
Phenol-d6
Concen: 106.46 ng
RT: 7.265 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

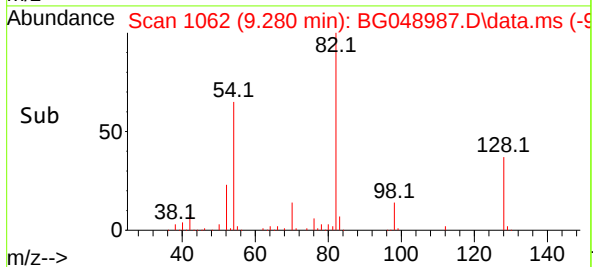
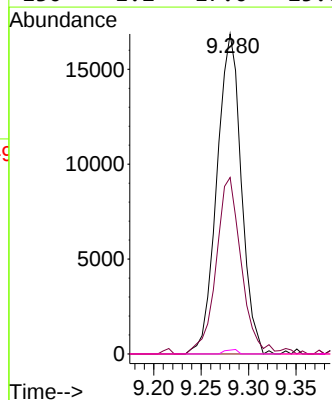
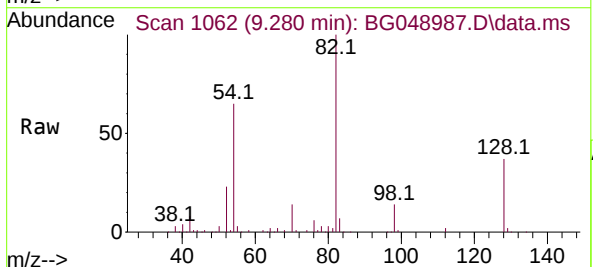
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

Tgt Ion: 99 Resp: 295798
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 45.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.90 ng
RT: 9.280 min Scan# 1062
Delta R.T. 0.342 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

Tgt Ion: 70 Resp: 30194
Ion Ratio Lower Upper
70 100
42 55.1 54.5 81.7
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#

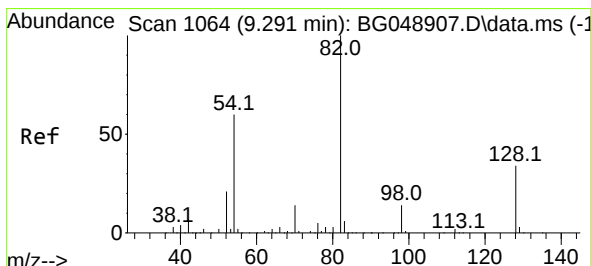
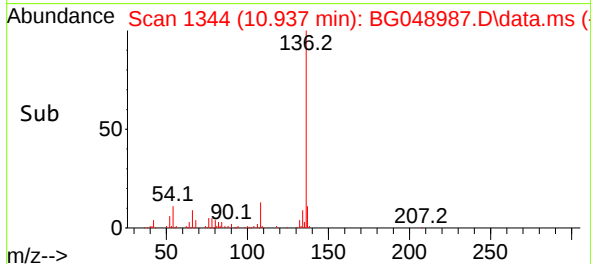
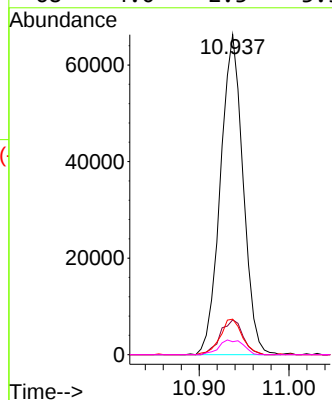
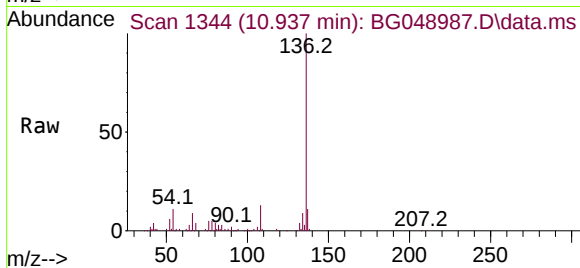




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.937 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

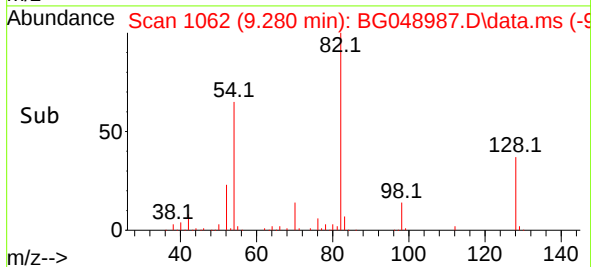
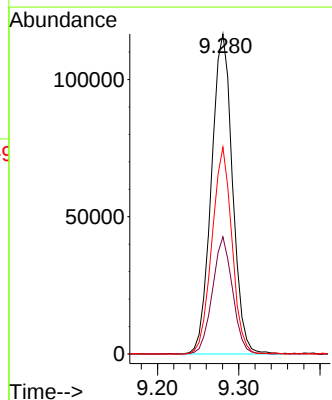
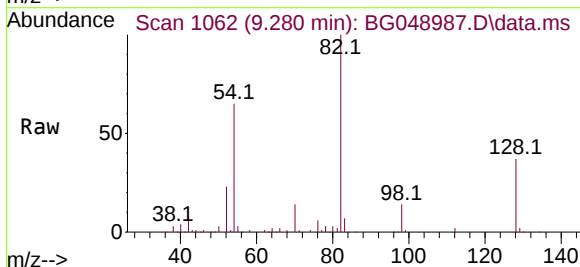
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

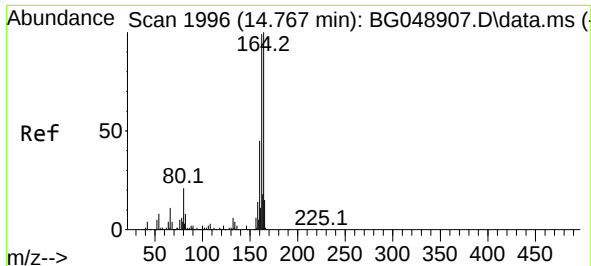
Tgt Ion:	136	Resp:	115873
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	11.1	5.5	8.3#
68	4.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 78.29 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

Tgt Ion:	82	Resp:	210370
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.8	44.6
54	64.6	45.8	68.8

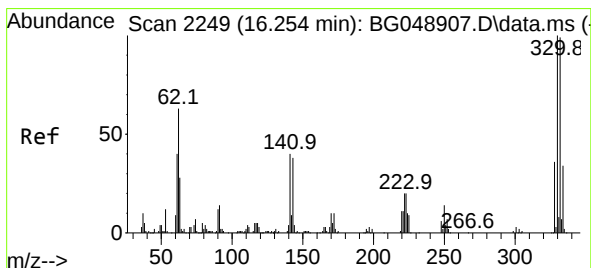
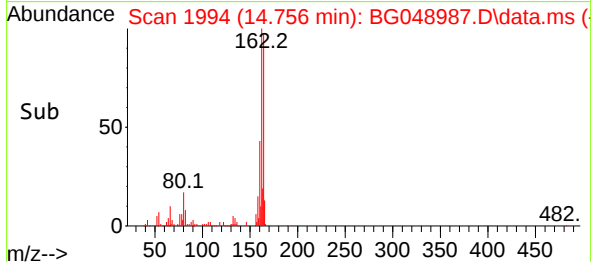
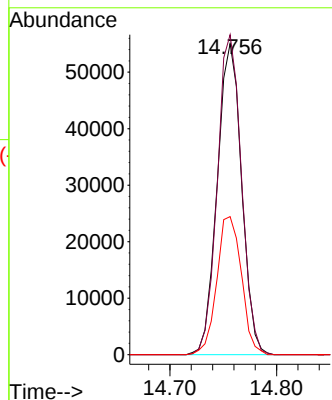
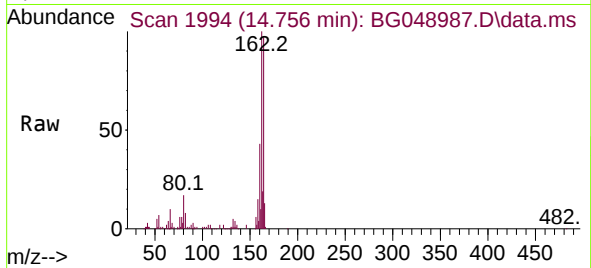




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

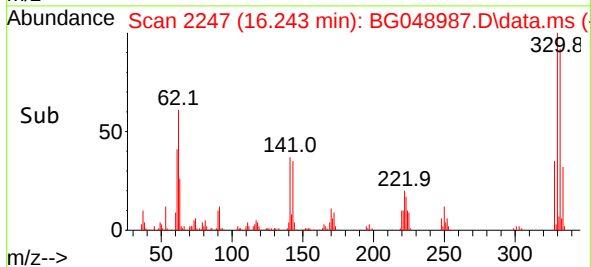
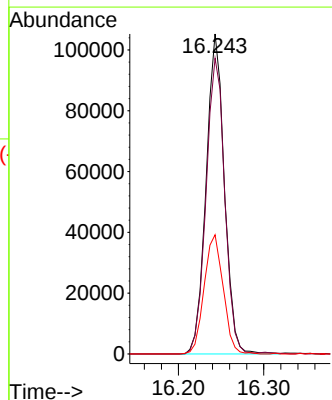
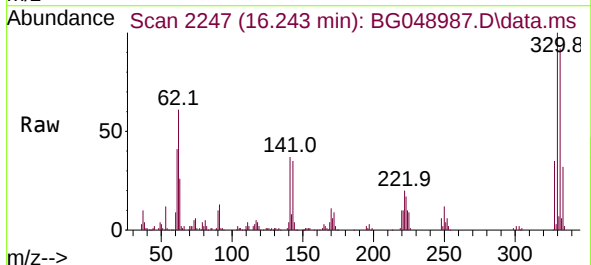
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

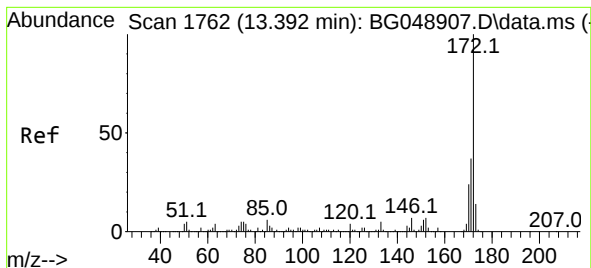
Tgt Ion:164 Resp: 87192
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 44.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 121.13 ng
RT: 16.243 min Scan# 2247
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

Tgt Ion:330 Resp: 156472
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 38.8 35.6 53.4

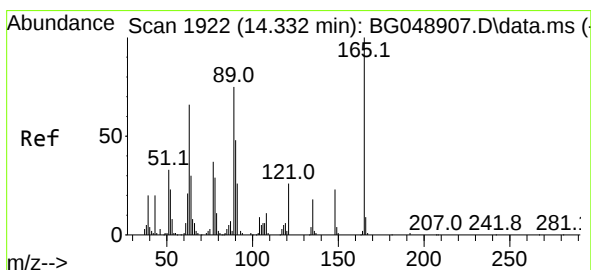
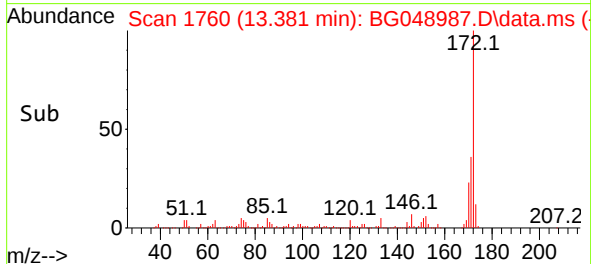
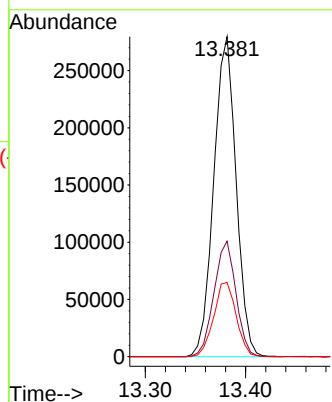
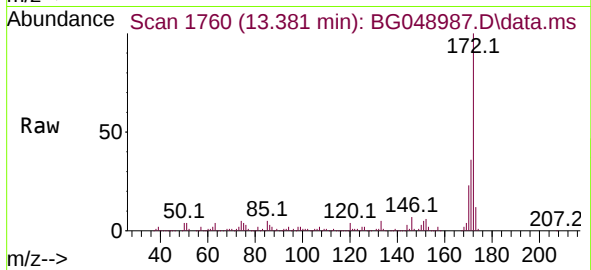




#45
2-Fluorobiphenyl
Concen: 69.98 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

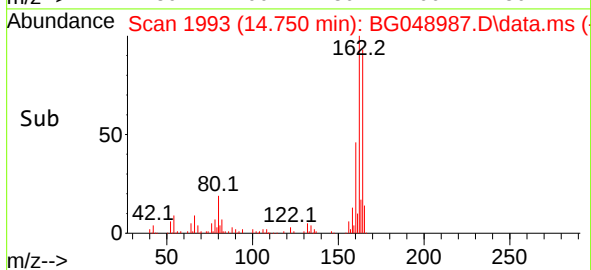
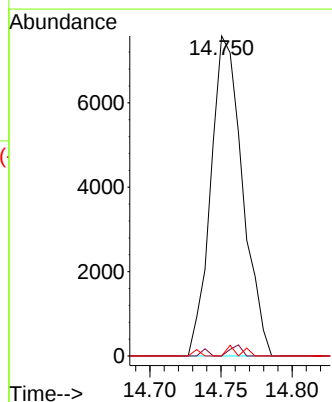
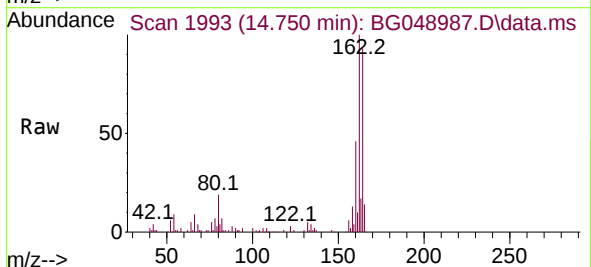
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

Tgt Ion:	172	Resp:	431937
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	43.0
170	23.2	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.418 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

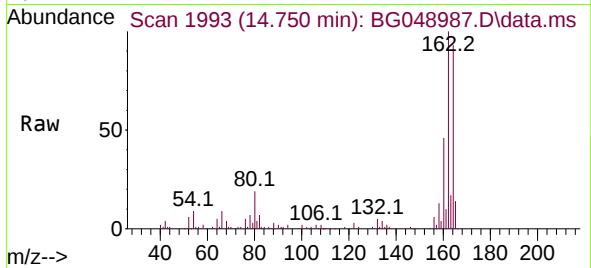
Tgt Ion:	165	Resp:	11762
Ion Ratio	Lower	Upper	
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#



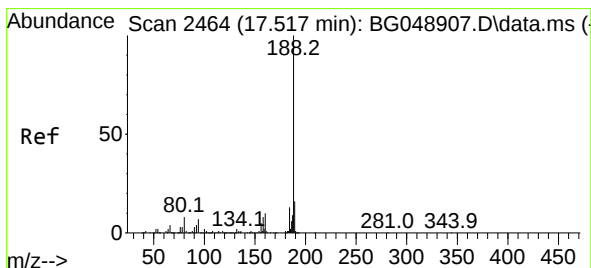
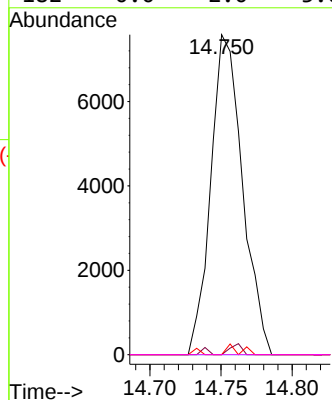
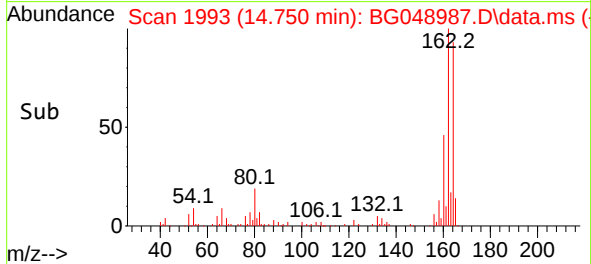


#57
2,4-Dinitrotoluene
Concen: 6.92 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.369 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

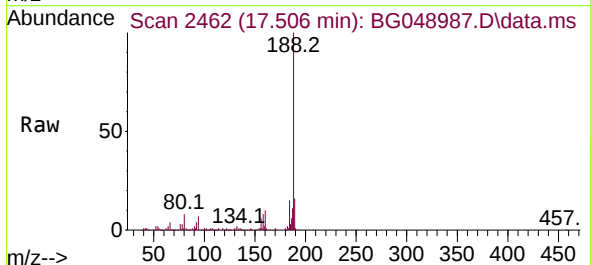
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)



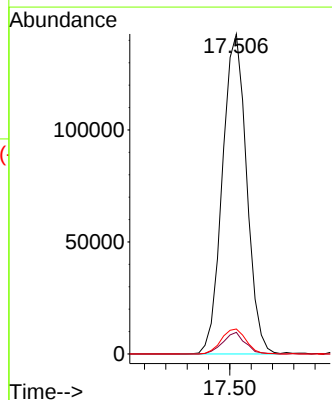
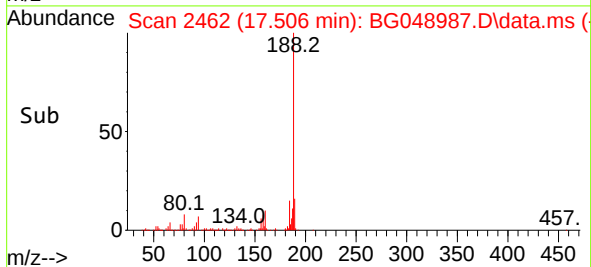
Tgt Ion:165 Resp: 11762
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

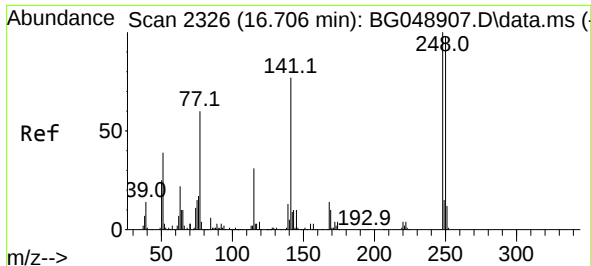


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.506 min Scan# 2462
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26



Tgt Ion:188 Resp: 225340
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.8 3.7 5.5#

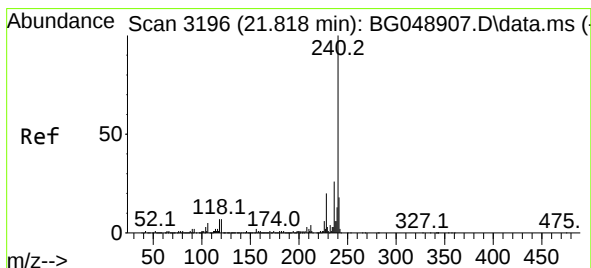
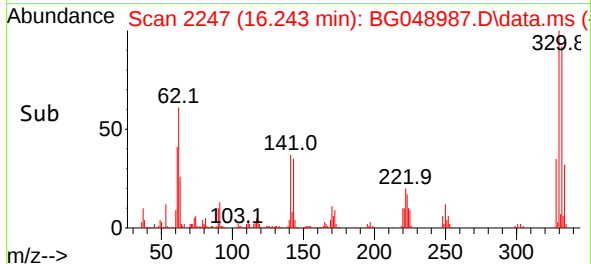
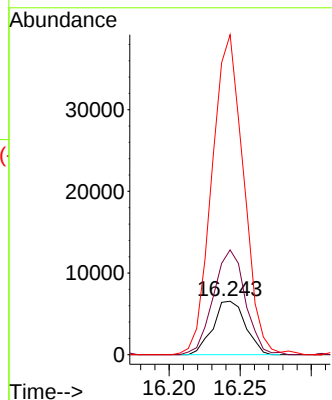
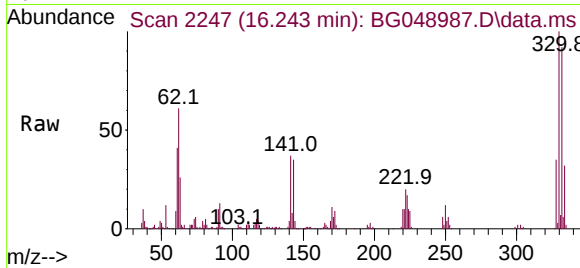




#67
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 16.243 min Scan# 2247
Delta R.T. -0.463 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

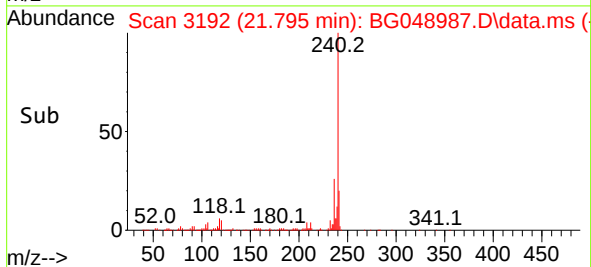
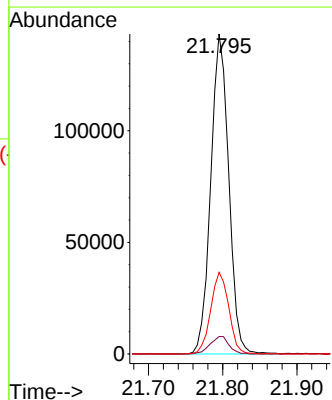
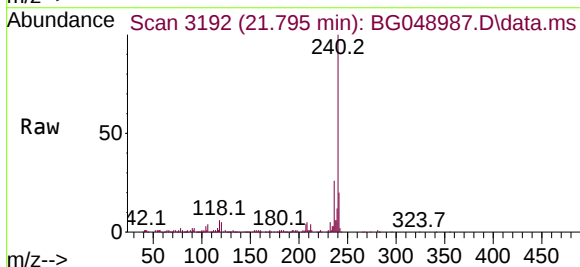
Instrument :
BNA_G
ClientSampled :
17-B6(48-52)

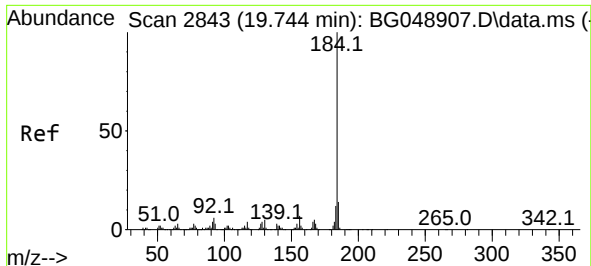
Tgt Ion:248 Resp: 10420
Ion Ratio Lower Upper
248 100
250 196.3 76.1 114.1#
141 599.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3192
Delta R.T. -0.023 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

Tgt Ion:240 Resp: 241093
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 25.5 21.8 32.6

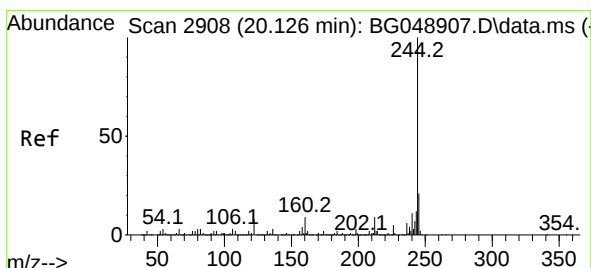
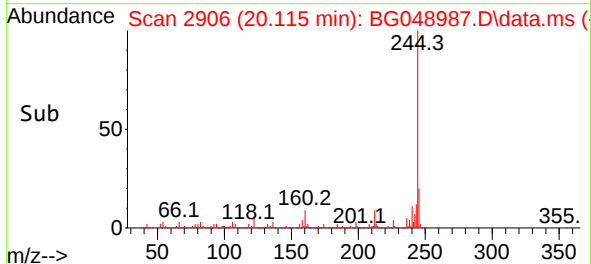
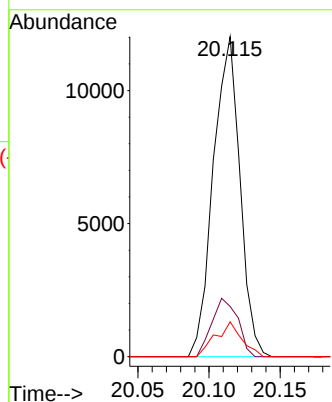
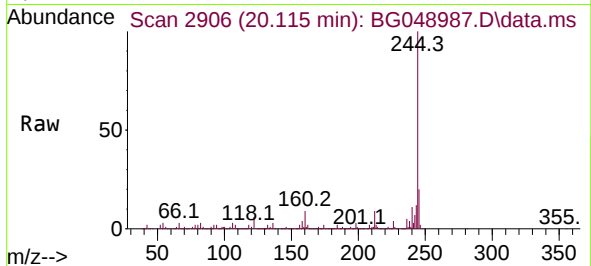




#77
Benzidine
Concen: 3.22 ng
RT: 20.115 min Scan# 2906
Delta R.T. 0.371 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

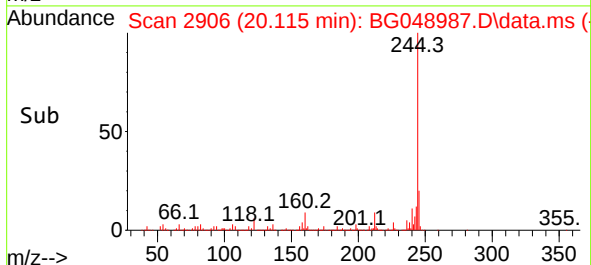
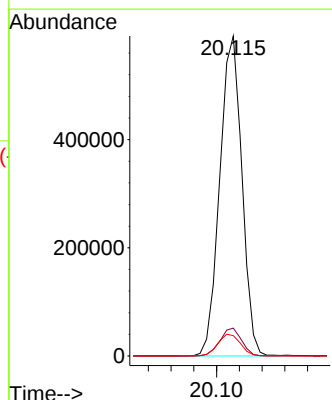
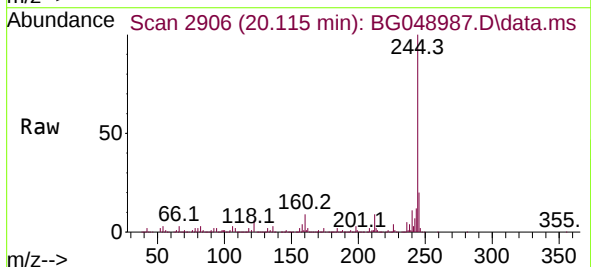
Instrument :
BNA_G
ClientSampleId :
17-B6(48-52)

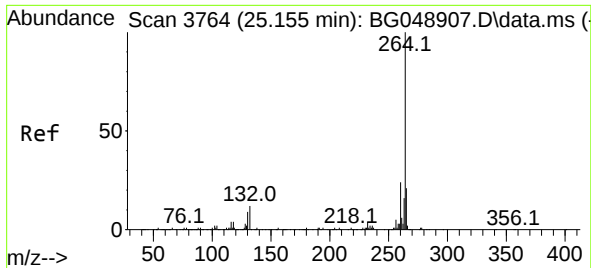
Tgt Ion:184 Resp: 15631
Ion Ratio Lower Upper
184 100
185 15.7 10.7 16.1
183 10.9 9.4 14.0



#79
Terphenyl-d14
Concen: 60.73 ng
RT: 20.115 min Scan# 2906
Delta R.T. -0.011 min
Lab File: BG048987.D
Acq: 15 Jun 2021 21:26

Tgt Ion:244 Resp: 799432
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.127 min Scan# 3759
 Delta R.T. -0.029 min
 Lab File: BG048987.D
 Acq: 15 Jun 2021 21:26

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(48-52)

Tgt Ion:264 Resp: 251339
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.6 16.9 25.3

