

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048937.D
 Acq On : 13 Jun 2021 11:08
 Operator : CG/JU
 Sample : M2625-38
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(206-210)

Quant Time: Jun 14 03:19:50 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)

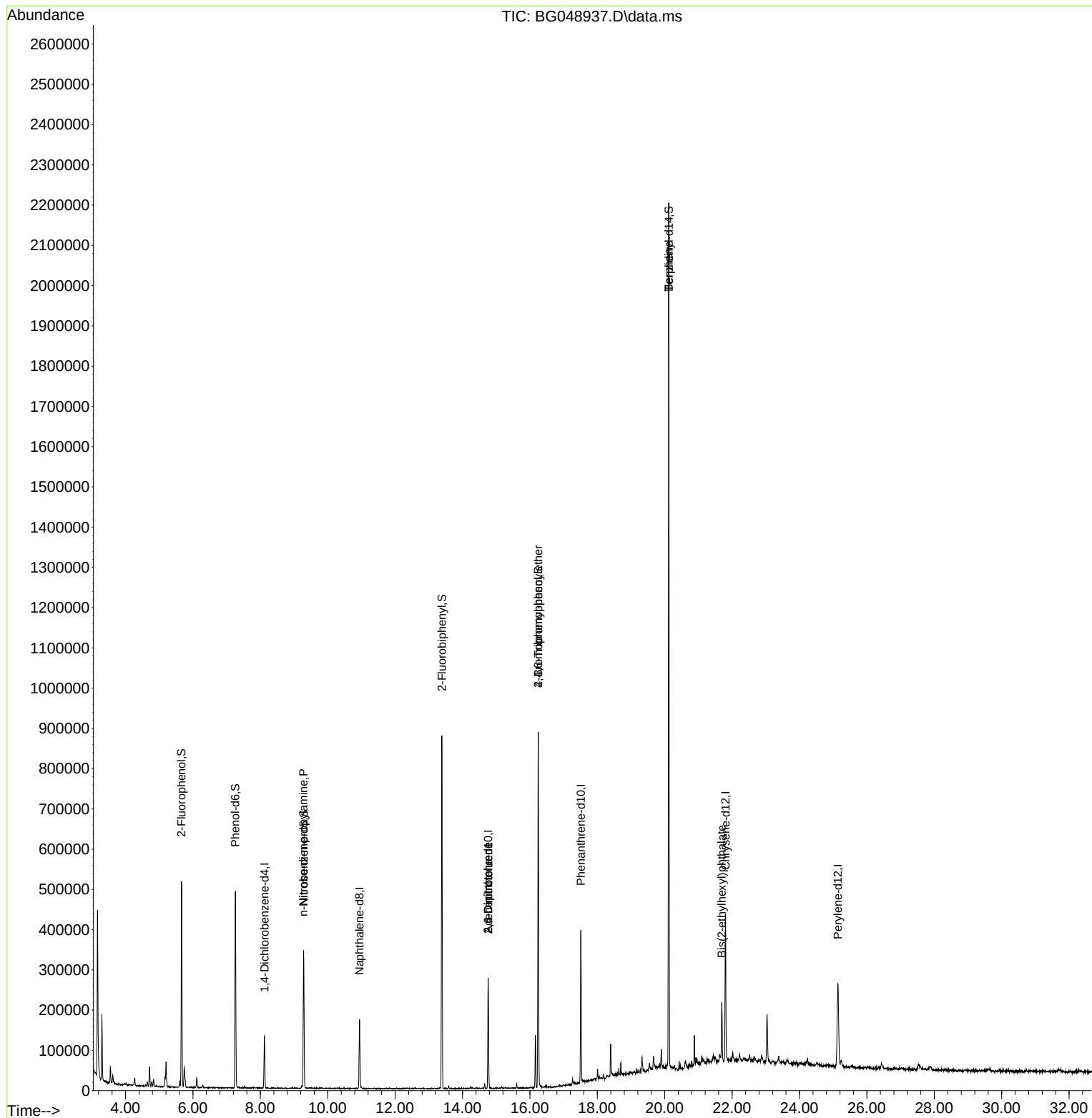
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	33061	20.00	ng	0.00
21) Naphthalene-d8	10.942	136	132794	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	96439	20.00	ng	0.00
64) Phenanthrene-d10	17.511	188	236684	20.00	ng	# 0.00
76) Chrysene-d12	21.806	240	239547	20.00	ng	-0.01
86) Perylene-d12	25.138	264	242807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	190993	89.93	ng	0.00
7) Phenol-d6	7.259	99	246743	77.51	ng	0.00
23) Nitrobenzene-d5	9.286	82	208585	67.73	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	159405	111.57	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	440906	64.58	ng	0.00
79) Terphenyl-d14	20.120	244	961591	73.52	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.280	70	30502	12.26	ng	# 72
51) 2,6-Dinitrotoluene	14.762	165	12493	8.17	ng	# 12
57) 2,4-Dinitrotoluene	14.762	165	12493	6.65	ng	# 17
67) 4-Bromophenyl-phenylether	16.248	248	10436	3.53	ng	# 1
77) Benzidine	20.120	184	19118	3.96	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.695	149	55775	5.96	ng	94

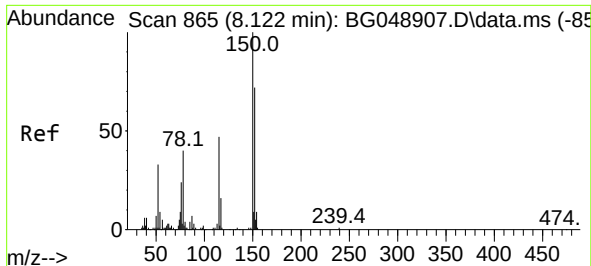
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
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QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

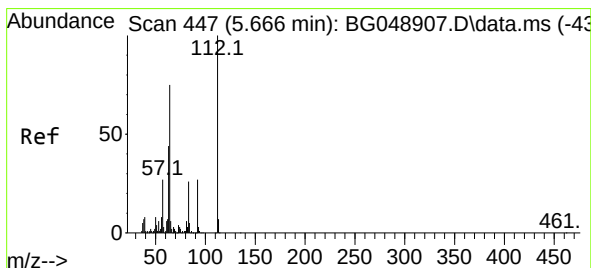
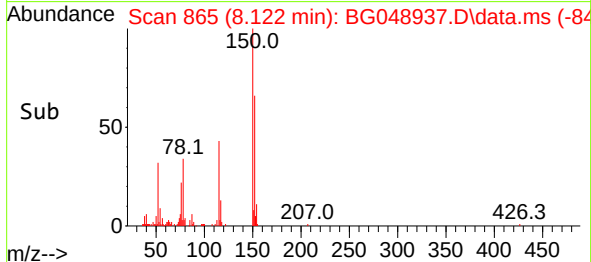
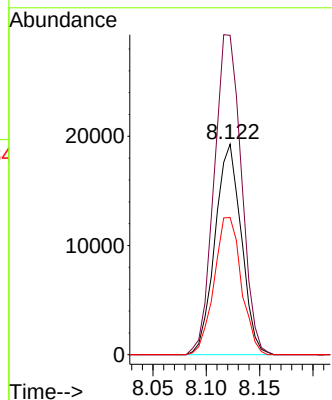
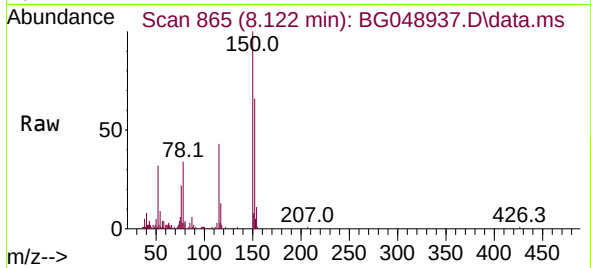




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.122 min Scan# 865
Delta R.T. 0.000 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

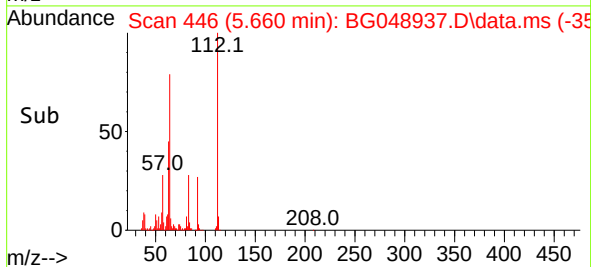
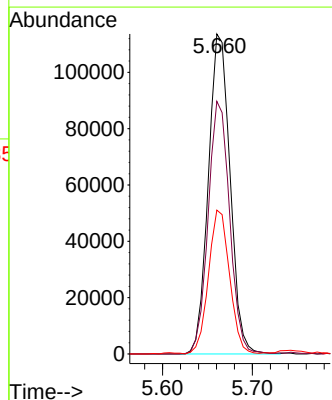
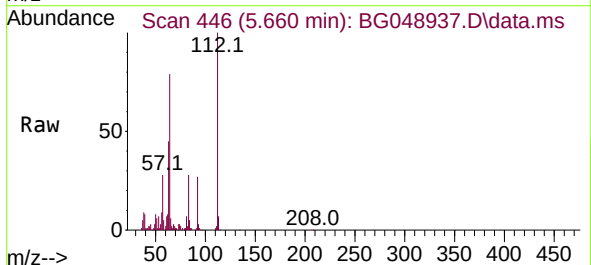
Instrument :
BNA_G
ClientSampleId :
18-B12(206-210)

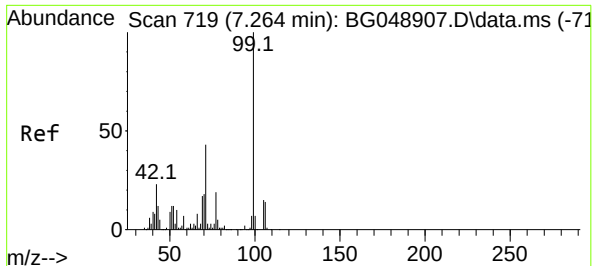
Tgt Ion:152 Resp: 33061
Ion Ratio Lower Upper
152 100
150 151.7 119.4 179.0
115 65.1 60.2 90.4



#5
2-Fluorophenol
Concen: 89.93 ng
RT: 5.660 min Scan# 446
Delta R.T. -0.006 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

Tgt Ion:112 Resp: 190993
Ion Ratio Lower Upper
112 100
64 79.0 46.7 70.1#
63 44.9 35.3 52.9

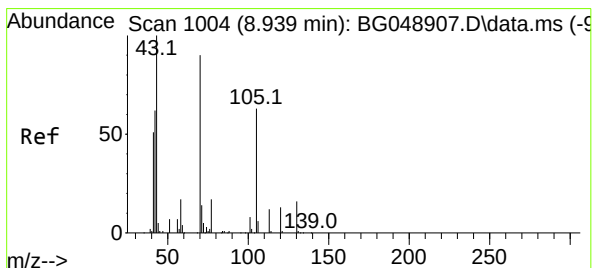
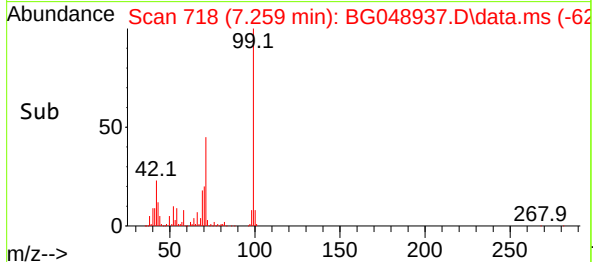
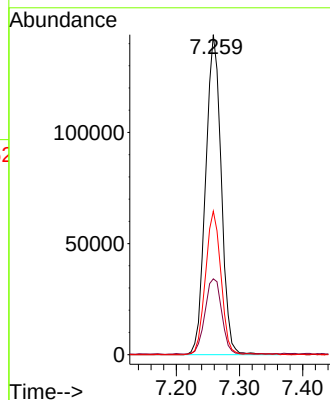
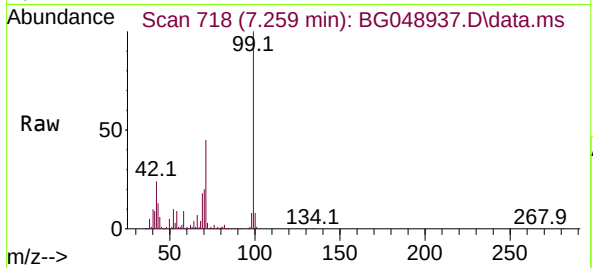




#7
Phenol-d6
Concen: 77.51 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

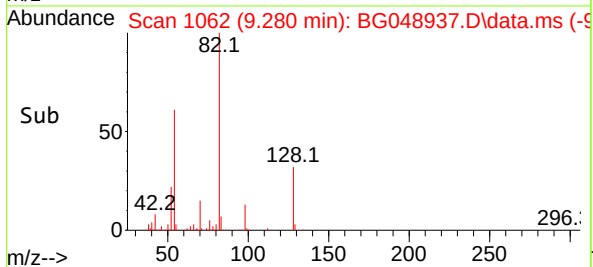
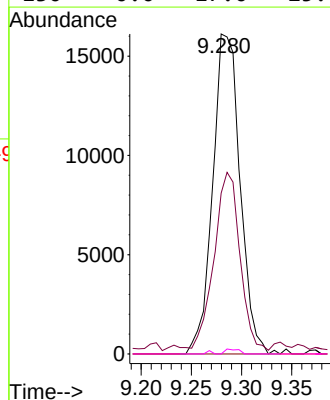
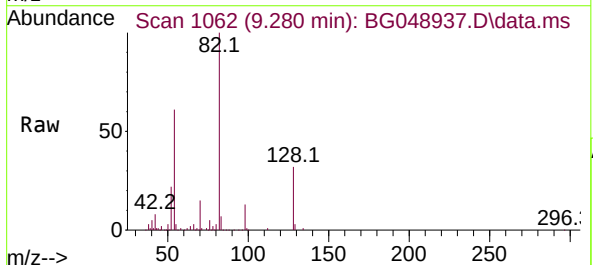
Instrument :
BNA_G
ClientSampleId :
18-B12(206-210)

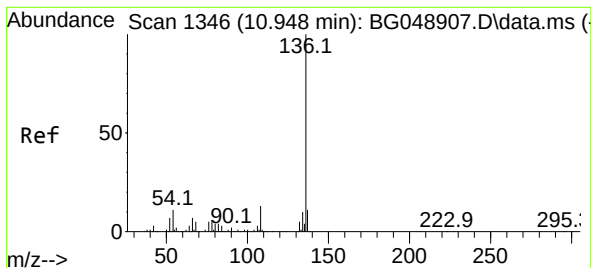
Tgt Ion: 99 Resp: 246743
Ion Ratio Lower Upper
99 100
42 23.7 20.5 30.7
71 44.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.26 ng
RT: 9.280 min Scan# 1062
Delta R.T. 0.341 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

Tgt Ion: 70 Resp: 30502
Ion Ratio Lower Upper
70 100
42 50.3 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

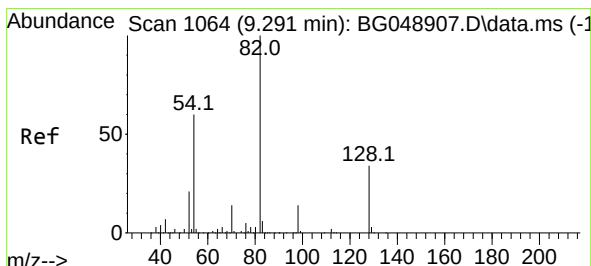
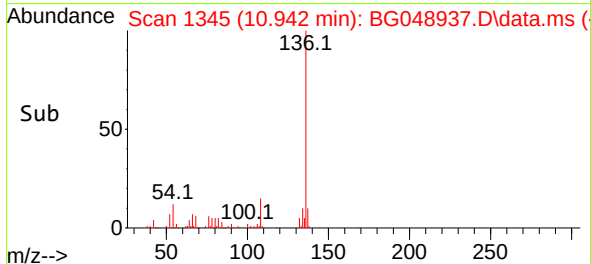
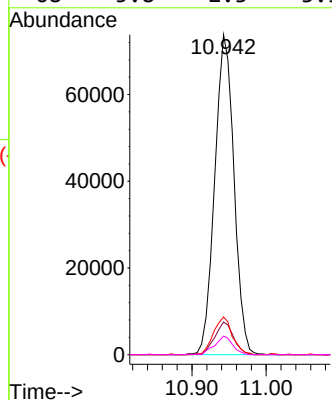
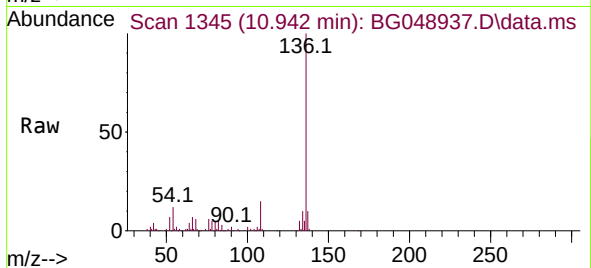




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.942 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

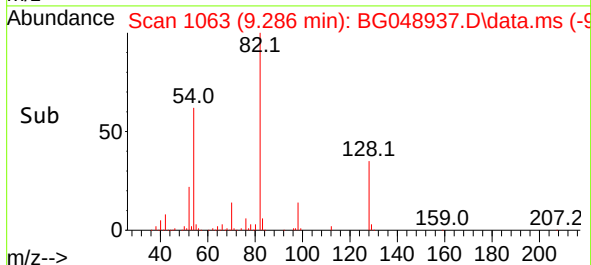
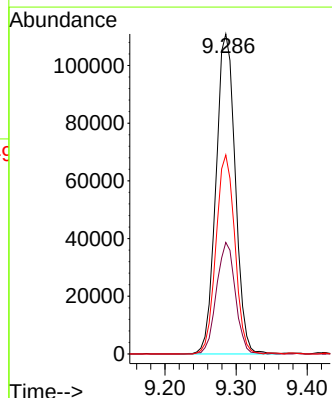
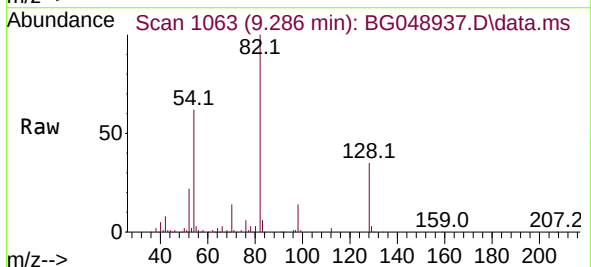
Instrument :
BNA_G
ClientSampleId :
18-B12(206-210)

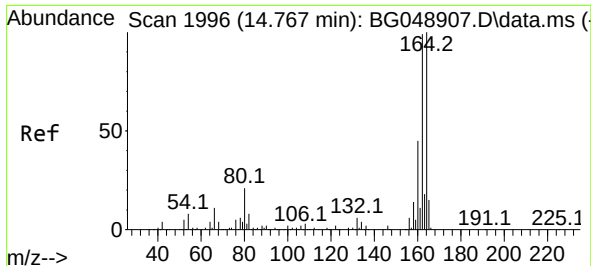
Tgt Ion:136	Resp:	132794
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.2 12.2
54	11.8	5.5 8.3#
68	5.8	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 67.73 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

Tgt Ion: 82	Resp:	208585
Ion Ratio	Lower	Upper
82	100	
128	34.8	29.8 44.6
54	62.2	45.8 68.8

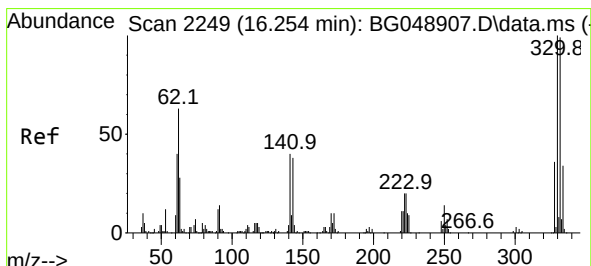
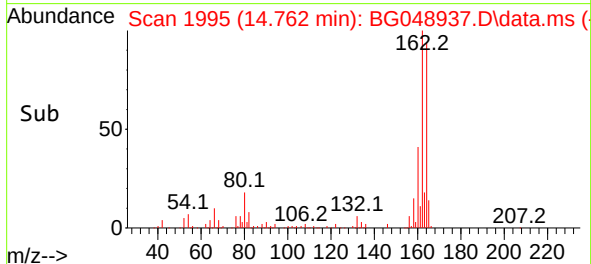
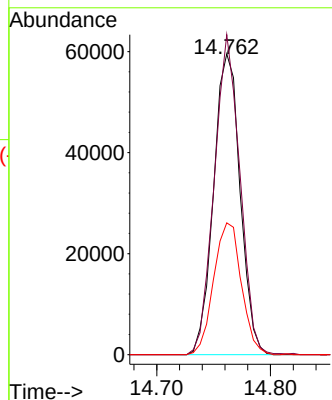
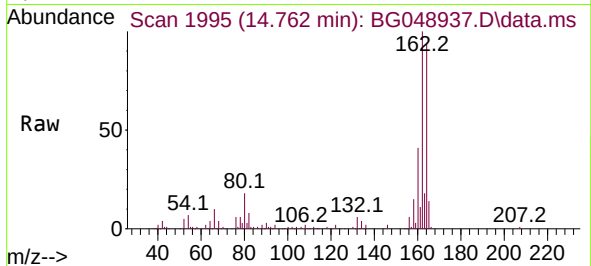




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

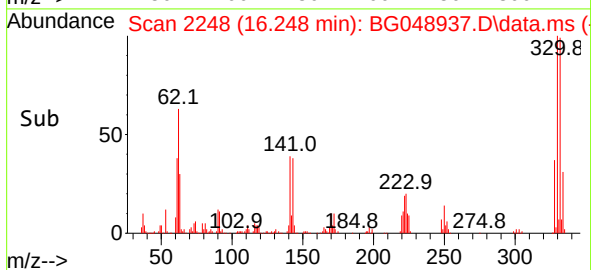
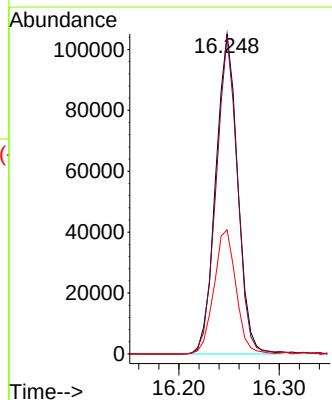
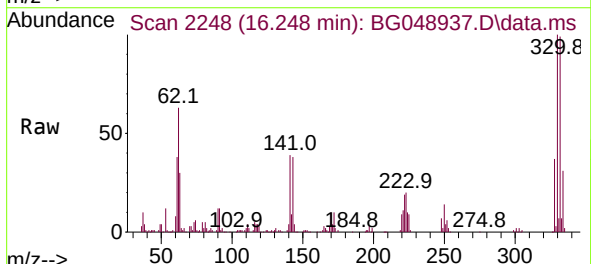
Instrument :
BNA_G
ClientSampleId :
18-B12(206-210)

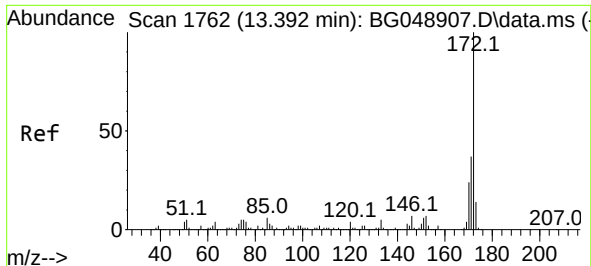
Tgt Ion:164 Resp: 96439
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 43.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 111.57 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

Tgt Ion:330 Resp: 159405
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 39.0 35.6 53.4

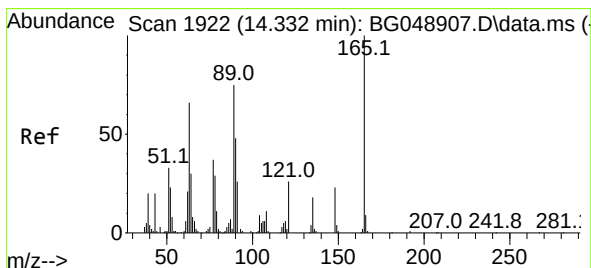
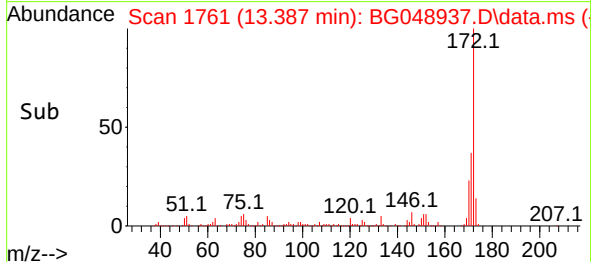
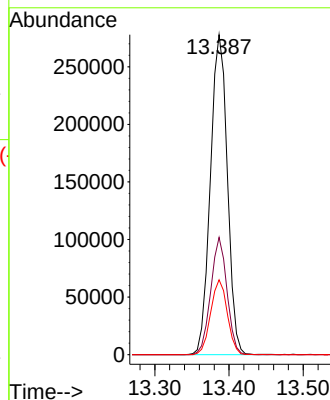
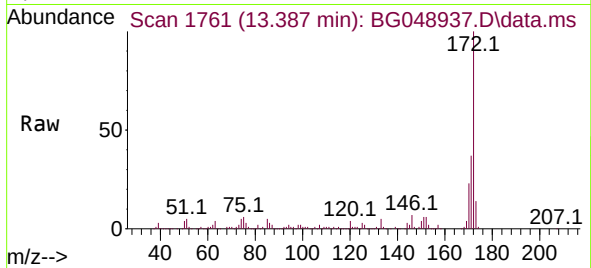




#45
2-Fluorobiphenyl
Concen: 64.58 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

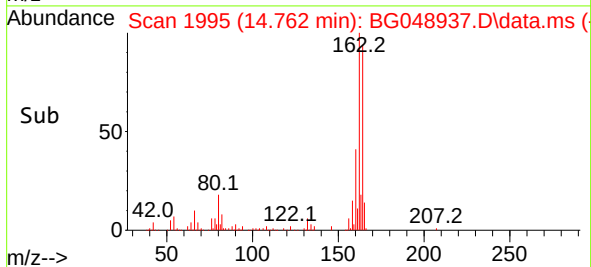
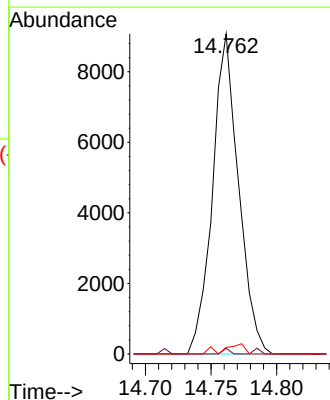
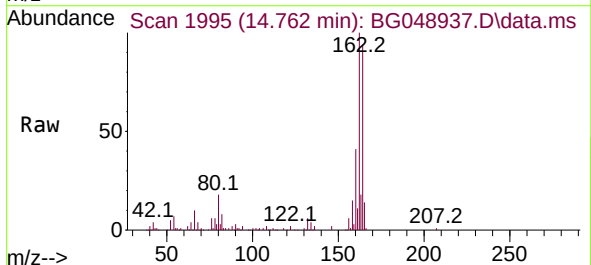
Instrument :
BNA_G
ClientSampleId :
18-B12(206-210)

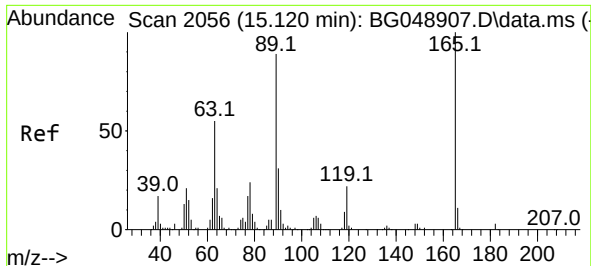
Tgt Ion:172 Resp: 440906
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.429 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

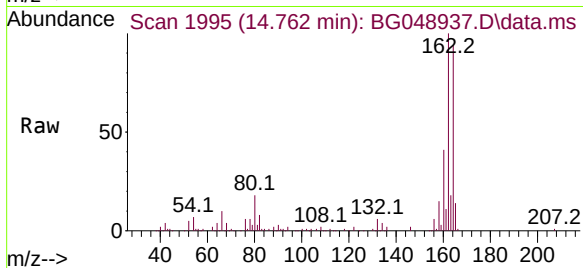
Tgt Ion:165 Resp: 12493
Ion Ratio Lower Upper
165 100
63 1.7 63.3 94.9#
89 2.1 63.4 95.0#



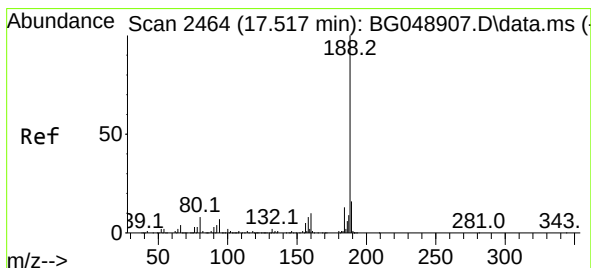
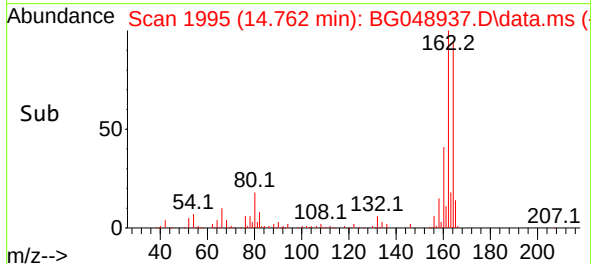
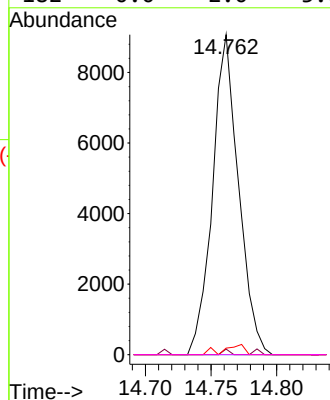


#57
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

Instrument :
BNA_G
ClientSampleId :
18-B12(206-210)

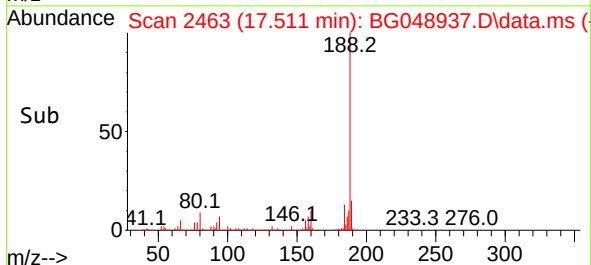
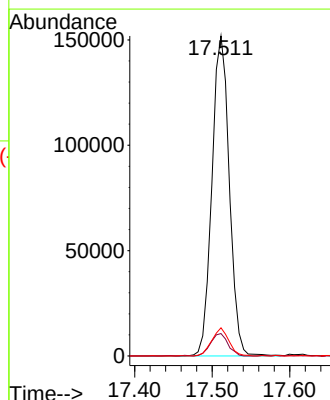
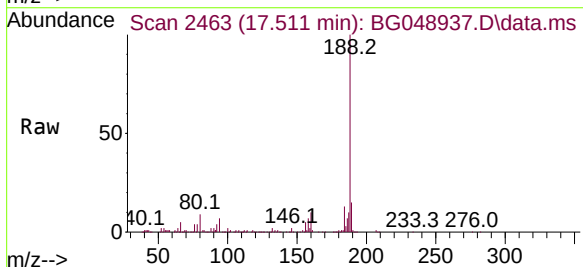


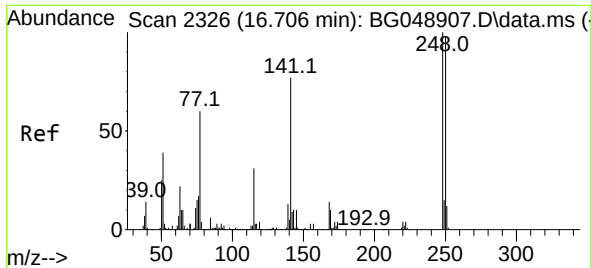
Tgt Ion:165 Resp: 12493
Ion Ratio Lower Upper
165 100
63 1.7 48.0 72.0#
89 2.1 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.511 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

Tgt Ion:188 Resp: 236684
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 8.8 3.7 5.5#

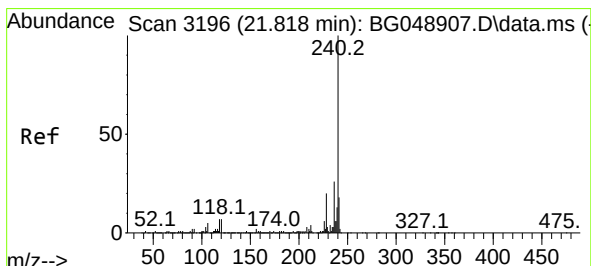
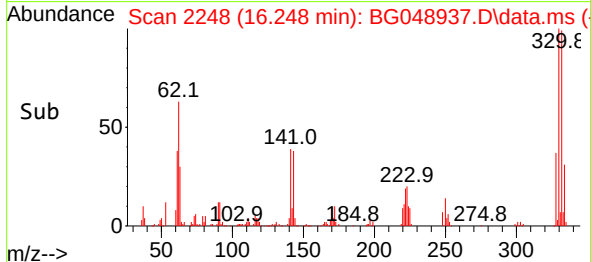
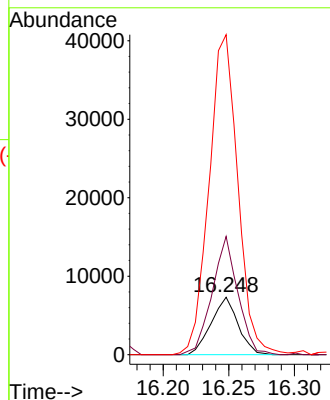
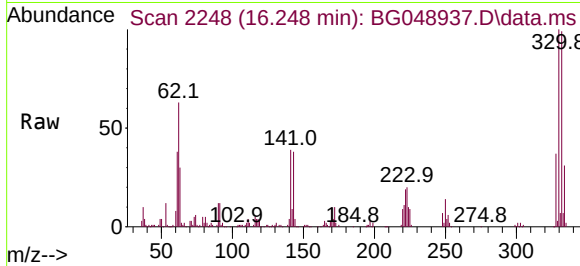




#67
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

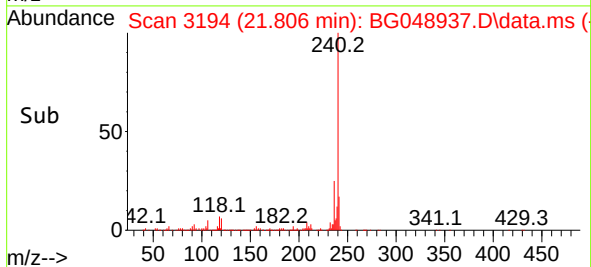
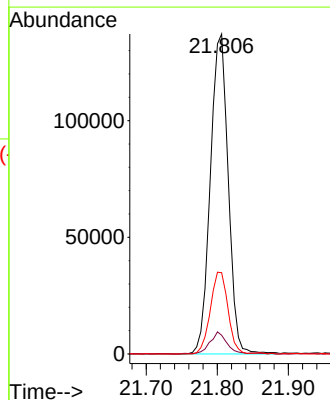
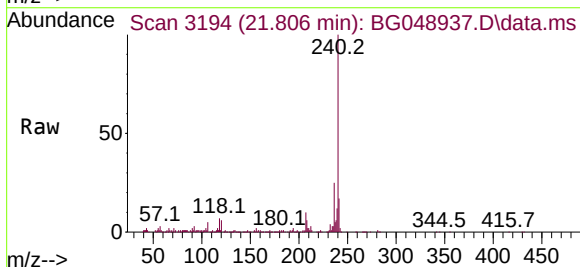
Instrument :
BNA_G
ClientSampled :
18-B12(206-210)

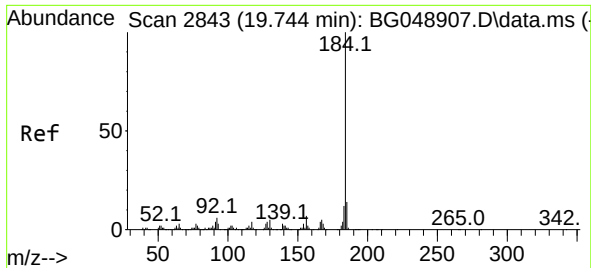
Tgt Ion:248 Resp: 10436
Ion Ratio Lower Upper
248 100
250 205.5 76.1 114.1#
141 556.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.806 min Scan# 3194
Delta R.T. -0.012 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

Tgt Ion:240 Resp: 239547
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 25.4 21.8 32.6

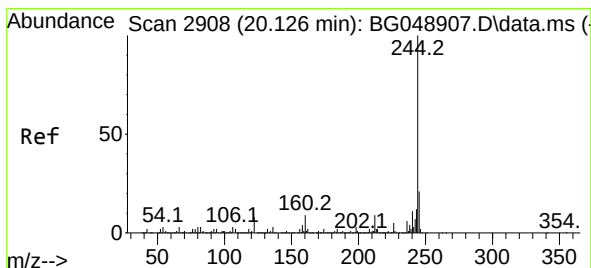
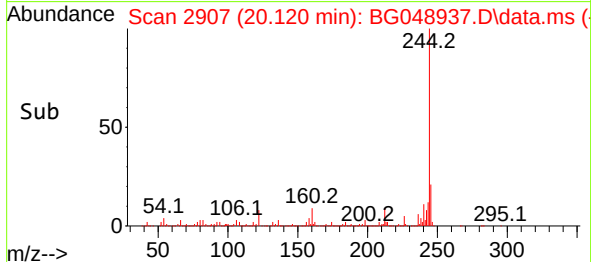
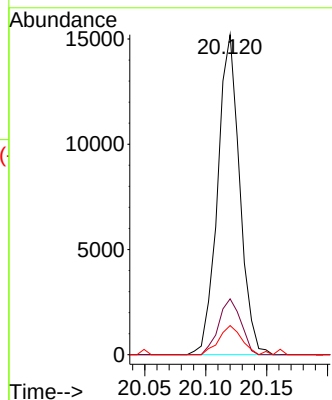
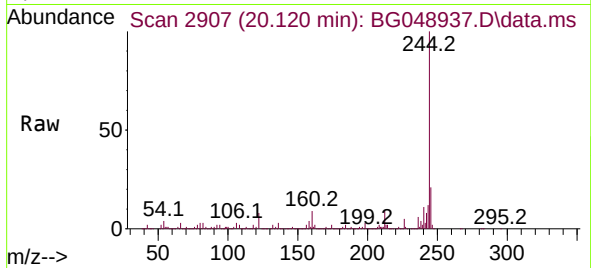




#77
Benzidine
Concen: 3.96 ng
RT: 20.120 min Scan# 2907
Delta R.T. 0.376 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

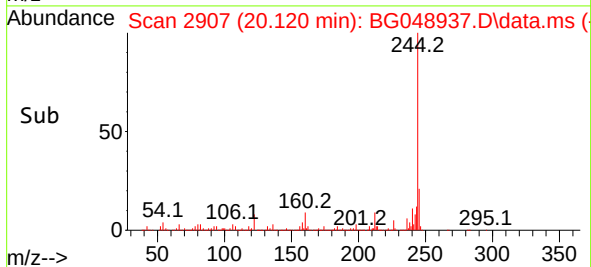
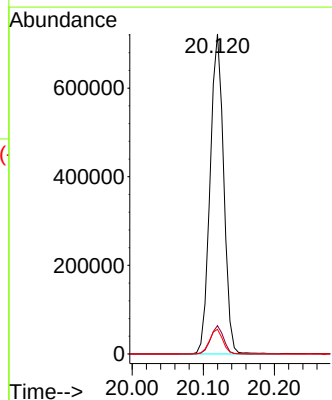
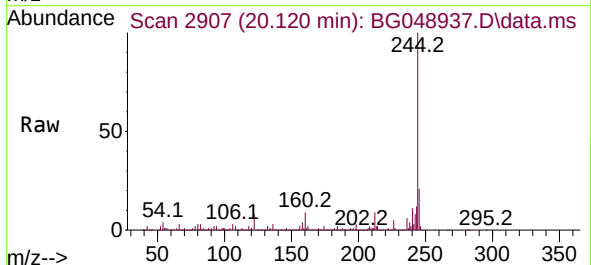
Instrument :
BNA_G
ClientSampleId :
18-B12(206-210)

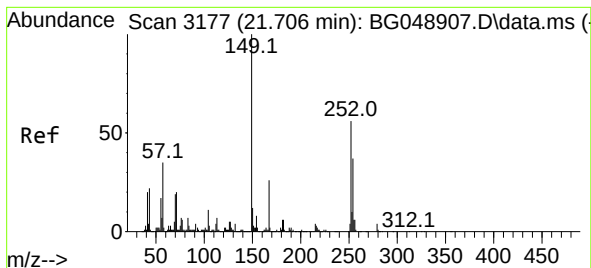
Tgt Ion:184 Resp: 19118
Ion Ratio Lower Upper
184 100
185 17.4 10.7 16.1#
183 9.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 73.52 ng
RT: 20.120 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG048937.D
Acq: 13 Jun 2021 11:08

Tgt Ion:244 Resp: 961591
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.7 5.0 7.6#

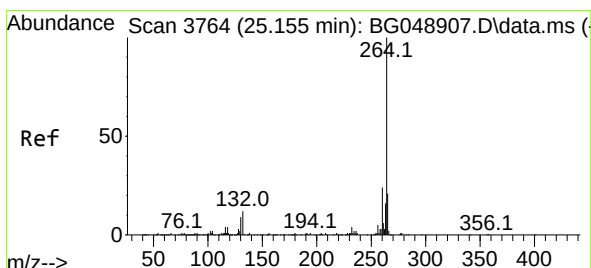
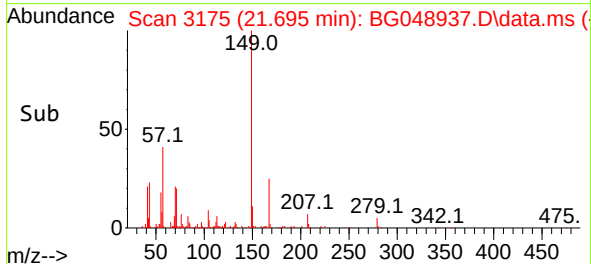
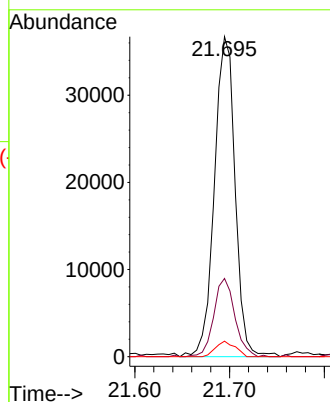
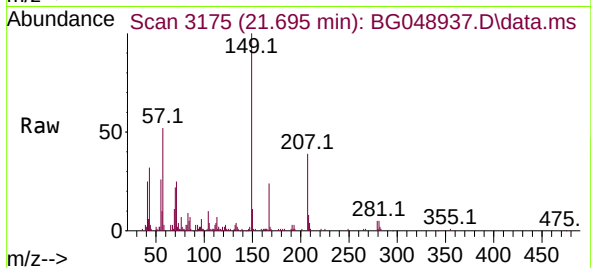




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.96 ng
 RT: 21.695 min Scan# 3175
 Delta R.T. -0.012 min
 Lab File: BG048937.D
 Acq: 13 Jun 2021 11:08

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(206-210)

Tgt Ion:	149	Resp:	55775
Ion Ratio	Lower	Upper	
149	100		
167	24.5	22.3	33.5
279	4.8	3.8	5.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.138 min Scan# 3761
 Delta R.T. -0.018 min
 Lab File: BG048937.D
 Acq: 13 Jun 2021 11:08

Tgt Ion:	264	Resp:	242807
Ion Ratio	Lower	Upper	
264	100		
260	20.0	19.4	29.2
265	19.2	16.9	25.3

