

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048941.D
 Acq On : 13 Jun 2021 13:52
 Operator : CG/JU
 Sample : M2625-39
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(210-214)

Quant Time: Jun 14 03:20:25 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)

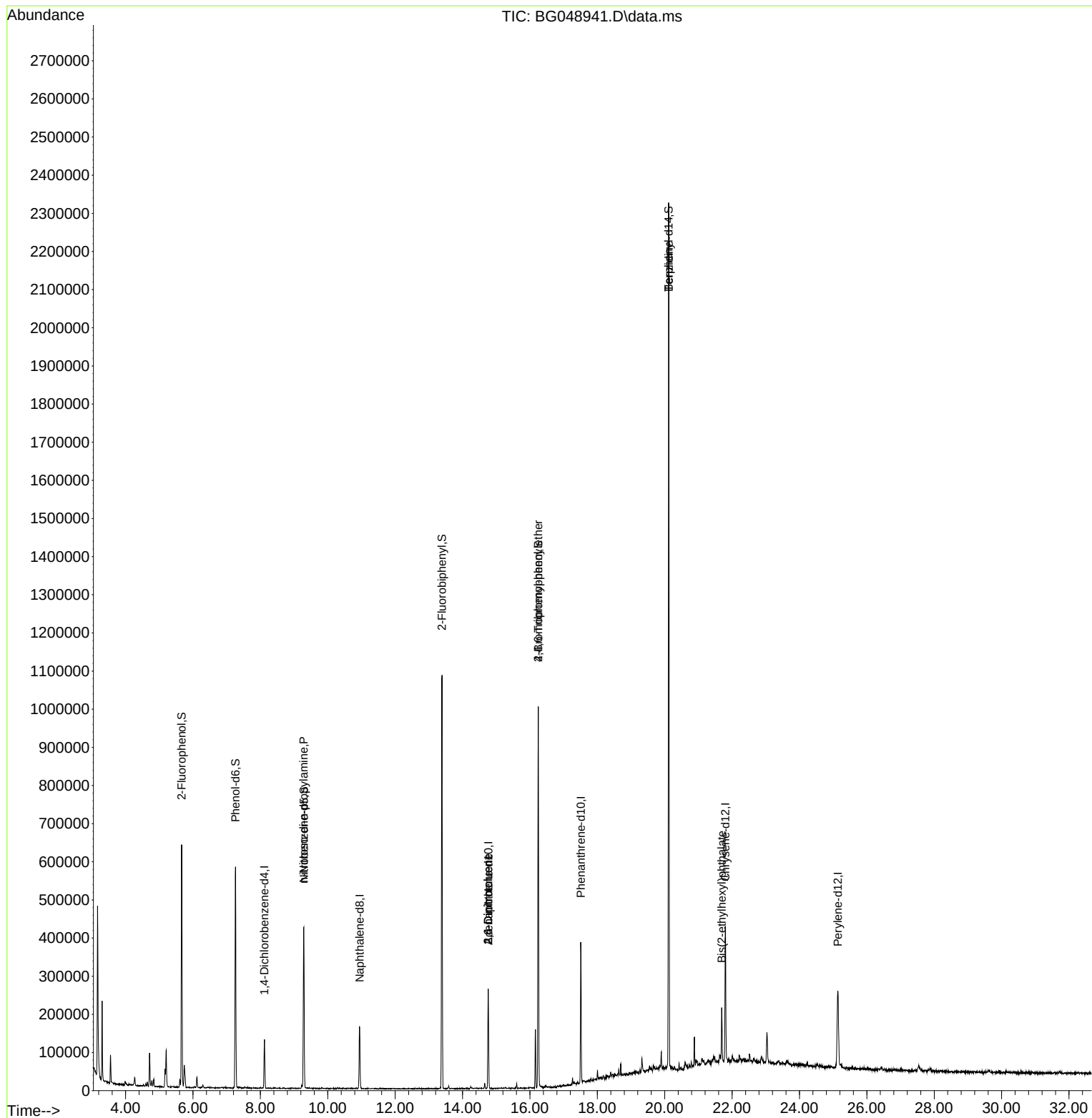
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	32607	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	129046	20.00	ng	# 0.00
39) Acenaphthene-d10	14.765	164	96033	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	232266	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	229653	20.00	ng	#-0.02
86) Perylene-d12	25.141	264	233885	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	235326	112.35	ng	0.00
7) Phenol-d6	7.262	99	292409	93.14	ng	0.00
23) Nitrobenzene-d5	9.289	82	255053	85.22	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	184984	130.02	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	564716	83.07	ng	0.00
79) Terphenyl-d14	20.117	244	1060379	84.56	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.283	70	39466	16.08	ng	# 69
51) 2,6-Dinitrotoluene	14.759	165	12708	8.34	ng	# 11
57) 2,4-Dinitrotoluene	14.759	165	12708	6.79	ng	# 17
67) 4-Bromophenyl-phenylether	16.245	248	11456	3.95	ng	# 1
77) Benzidine	20.123	184	21495	4.65	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.692	149	52490	5.86	ng	# 94

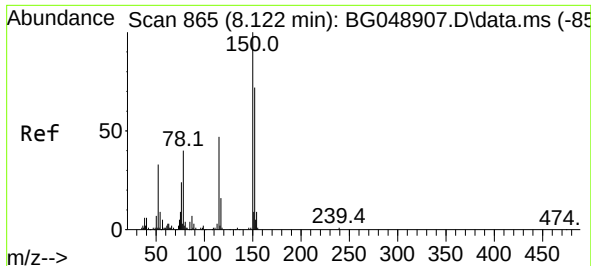
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
Data File : BG048941.D
Acq On : 13 Jun 2021 13:52
Operator : CG/JU
Sample : M2625-39
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
18-B12(210-214)

Quant Time: Jun 14 03:20:25 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

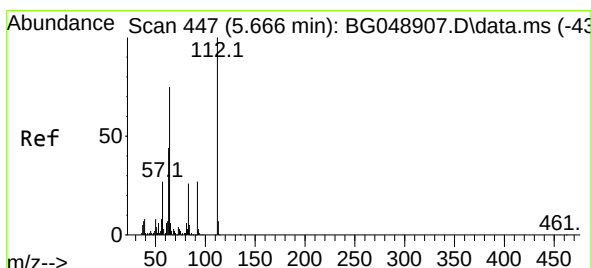
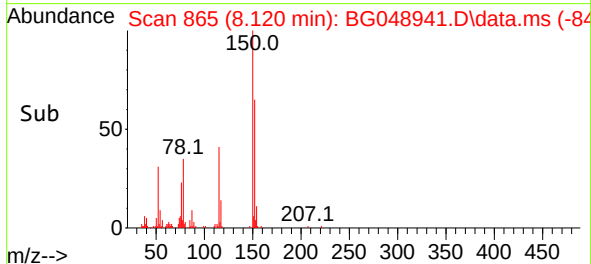
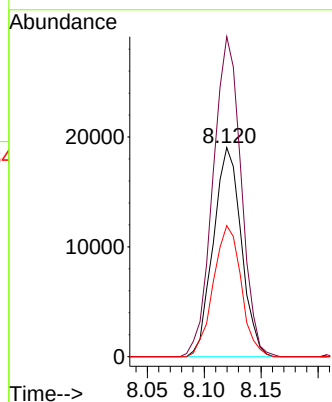
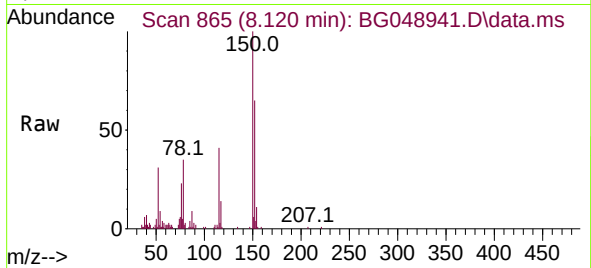




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.120 min Scan# 865
 Delta R.T. -0.002 min
 Lab File: BG048941.D
 Acq: 13 Jun 2021 13:52

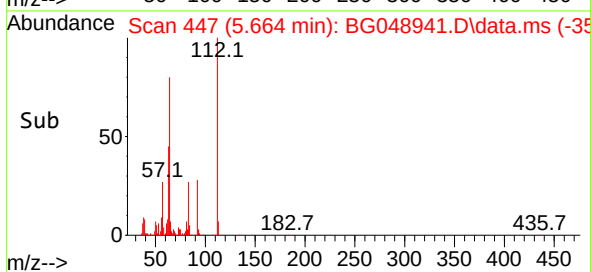
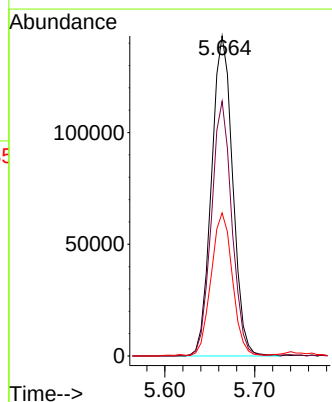
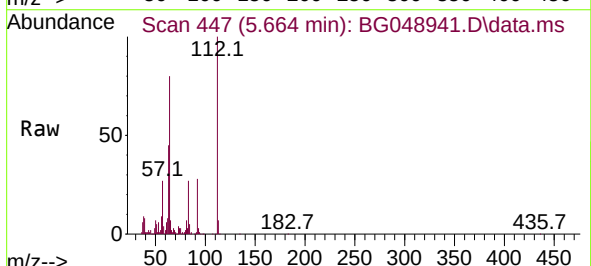
Instrument :
 BNA_G
 ClientSampleId :
 18-B12(210-214)

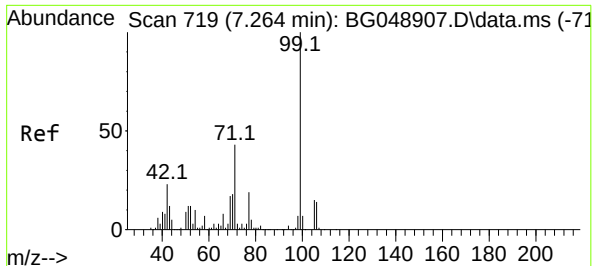
Tgt Ion:152 Resp: 32607
 Ion Ratio Lower Upper
 152 100
 150 153.0 119.4 179.0
 115 62.6 60.2 90.4



#5
 2-Fluorophenol
 Concen: 112.35 ng
 RT: 5.664 min Scan# 447
 Delta R.T. -0.002 min
 Lab File: BG048941.D
 Acq: 13 Jun 2021 13:52

Tgt Ion:112 Resp: 235326
 Ion Ratio Lower Upper
 112 100
 64 79.6 46.7 70.1#
 63 44.7 35.3 52.9

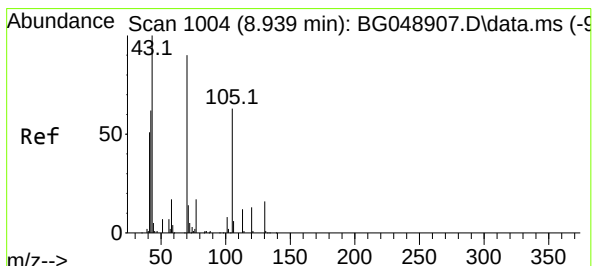
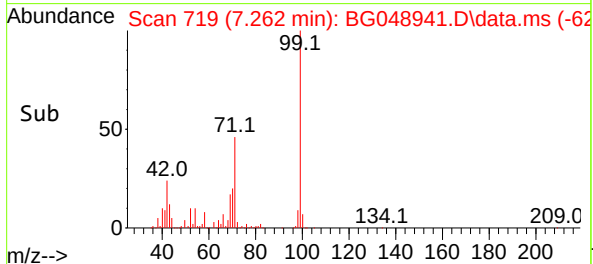
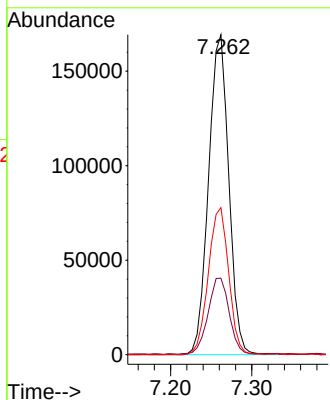
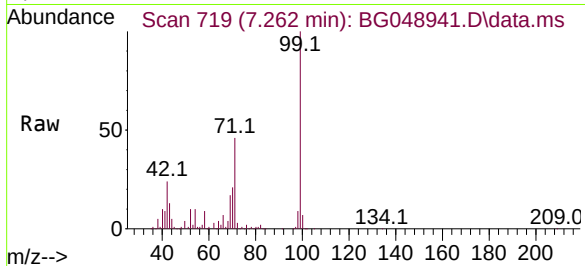




#7
Phenol-d6
Concen: 93.14 ng
RT: 7.262 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

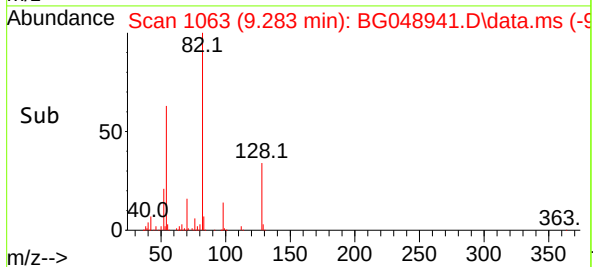
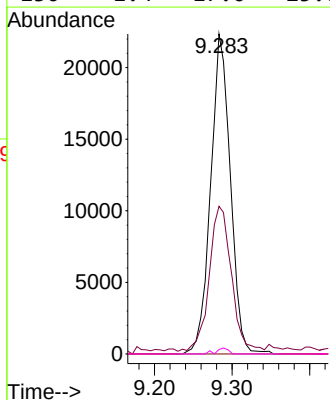
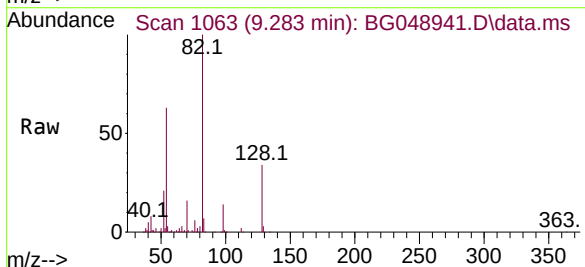
Instrument :
BNA_G
ClientSampleId :
18-B12(210-214)

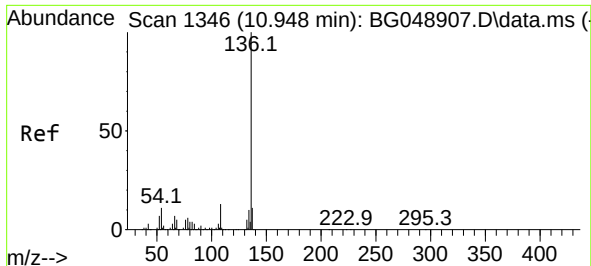
Tgt Ion: 99 Resp: 292409
Ion Ratio Lower Upper
99 100
42 23.9 20.5 30.7
71 46.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.08 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.344 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

Tgt Ion: 70 Resp: 39466
Ion Ratio Lower Upper
70 100
42 46.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

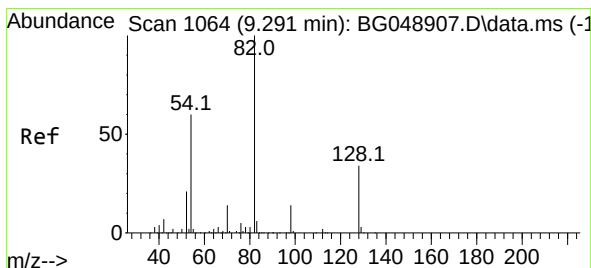
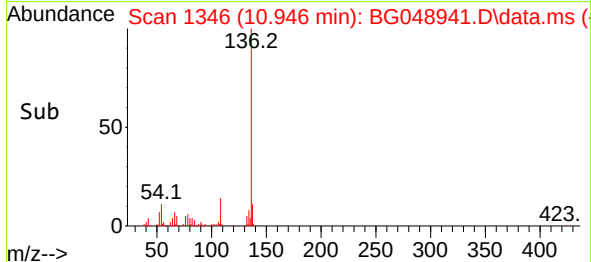
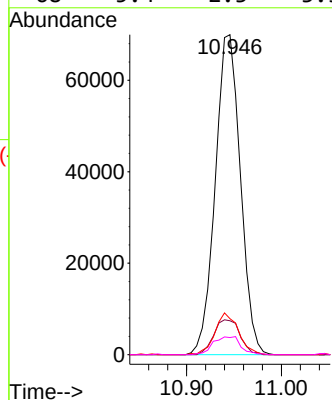
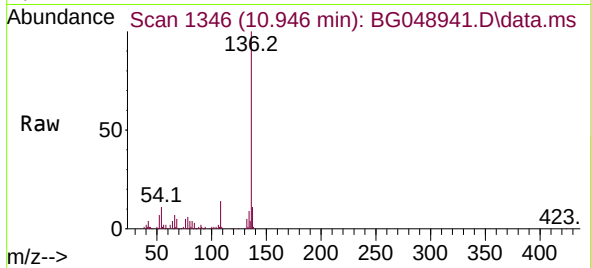




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

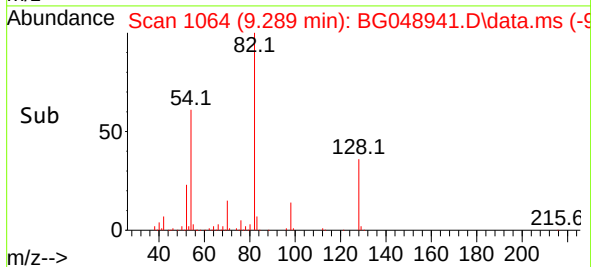
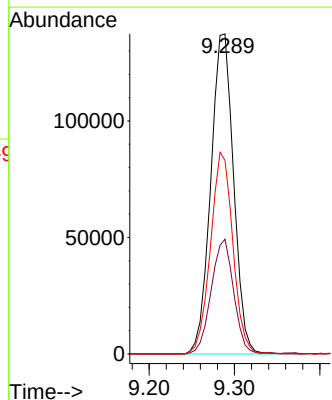
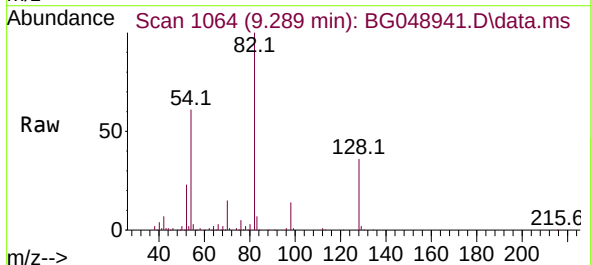
Instrument :
BNA_G
ClientSampleId :
18-B12(210-214)

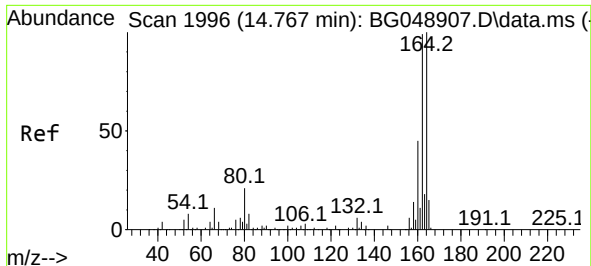
Tgt Ion:136	Resp:	129046
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	11.2	5.5 8.3#
68	5.4	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 85.22 ng
RT: 9.289 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

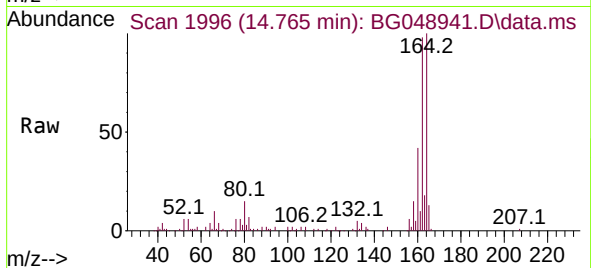
Tgt Ion: 82	Resp:	255053
Ion Ratio	Lower	Upper
82	100	
128	35.9	29.8 44.6
54	60.5	45.8 68.8



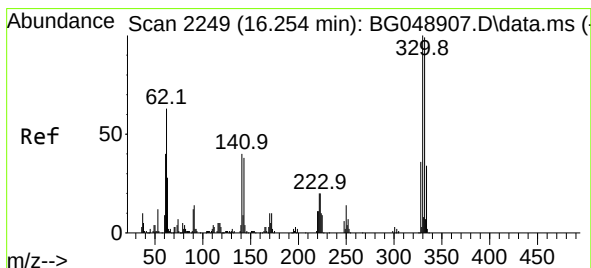
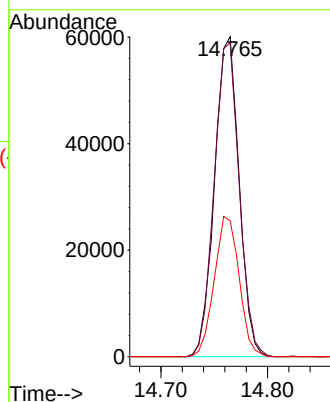
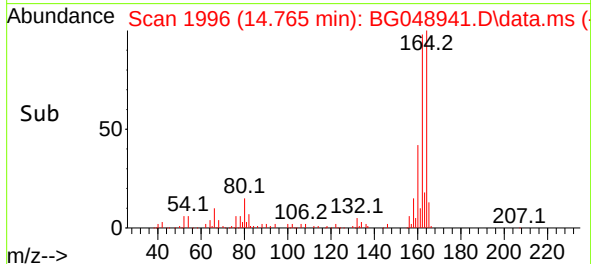


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

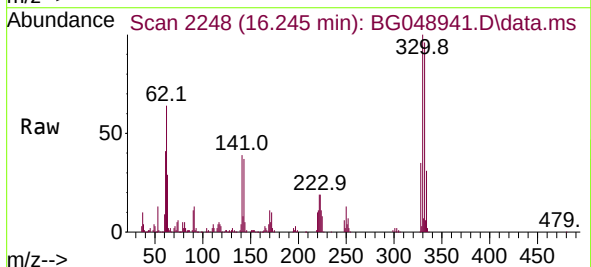
Instrument :
BNA_G
ClientSampleId :
18-B12(210-214)



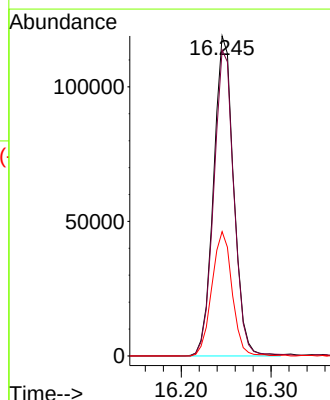
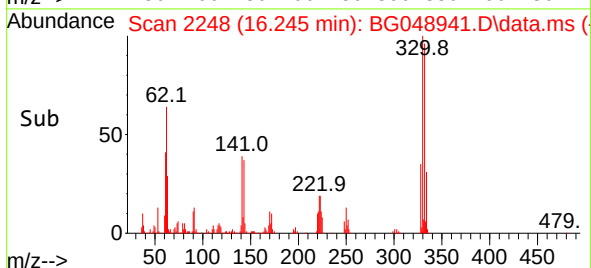
Tgt Ion:164 Resp: 96033
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 42.5 34.9 52.3

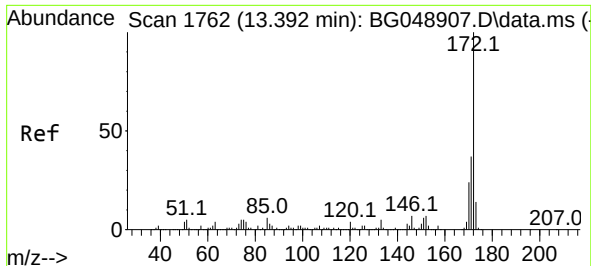


#42
2,4,6-Tribromophenol
Concen: 130.02 ng
RT: 16.245 min Scan# 2248
Delta R.T. -0.009 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52



Tgt Ion:330 Resp: 184984
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 39.0 35.6 53.4

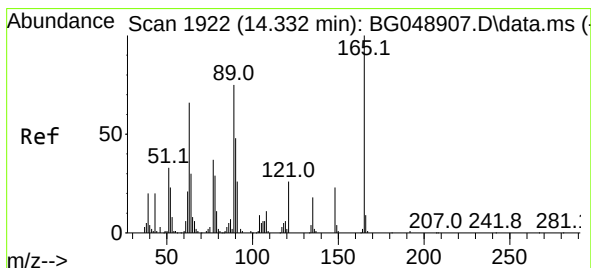
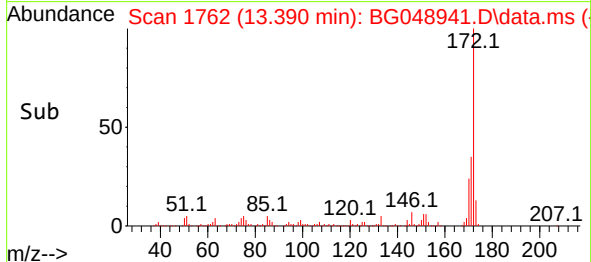
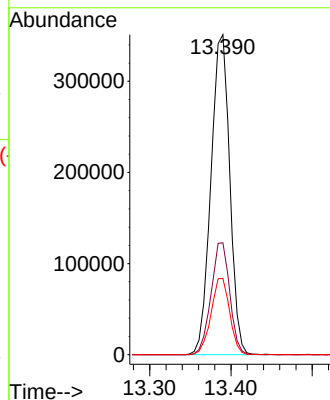
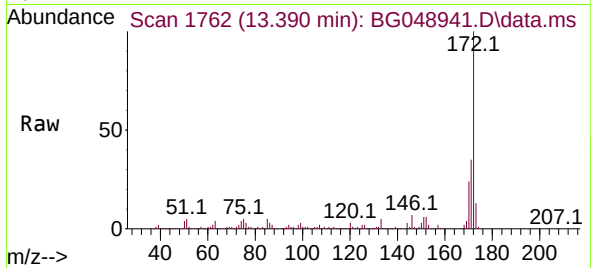




#45
2-Fluorobiphenyl
Concen: 83.07 ng
RT: 13.390 min Scan# 1762
Delta R.T. -0.002 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

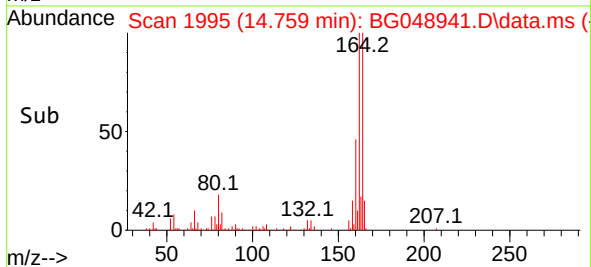
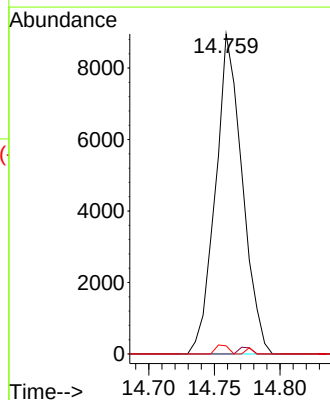
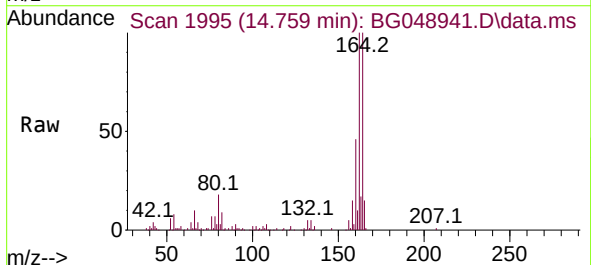
Instrument :
BNA_G
ClientSampleId :
18-B12(210-214)

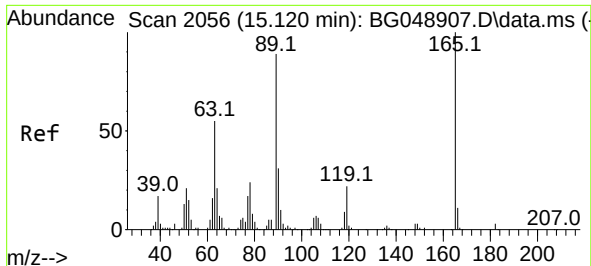
Tgt Ion:172 Resp: 564716
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.34 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.426 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

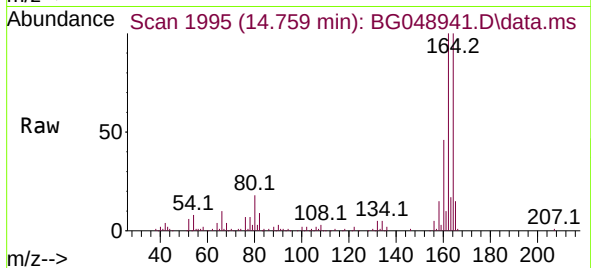
Tgt Ion:165 Resp: 12708
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.5 63.4 95.0#



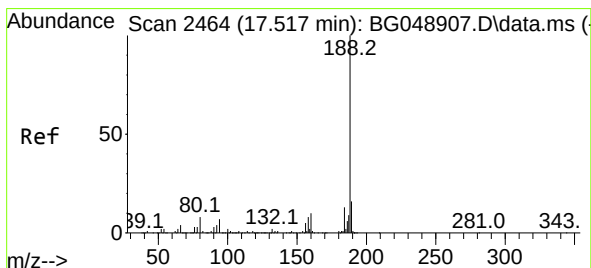
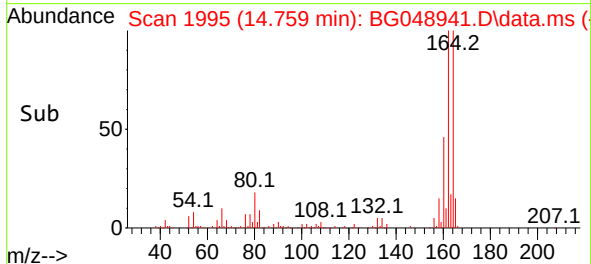
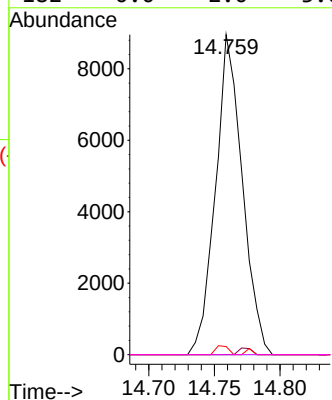


#57
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.361 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

Instrument :
BNA_G
ClientSampleId :
18-B12(210-214)

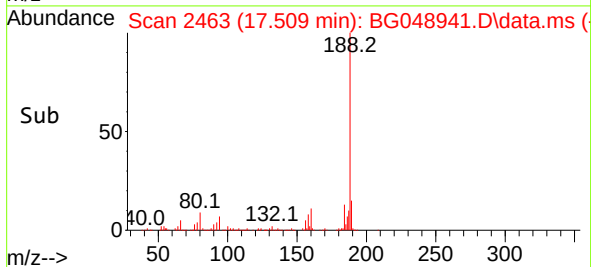
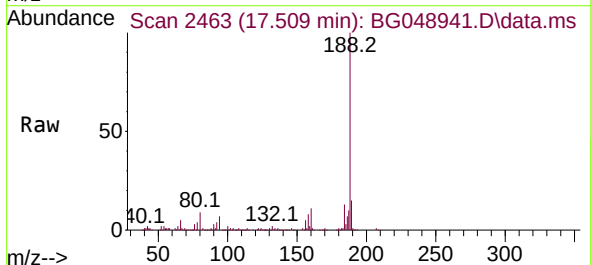
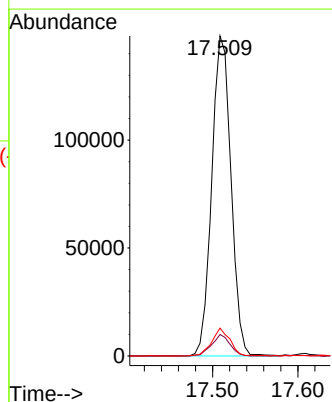


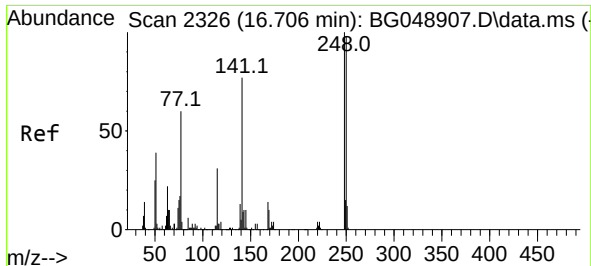
Tgt Ion:165 Resp: 12708
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

Tgt Ion:188 Resp: 232266
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.7 3.7 5.5#

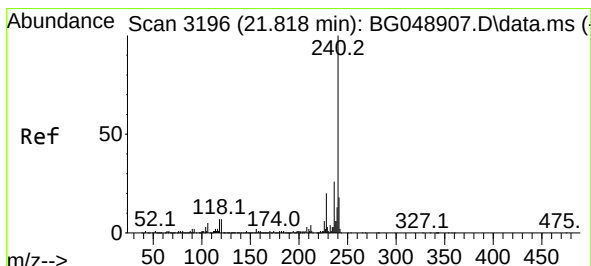
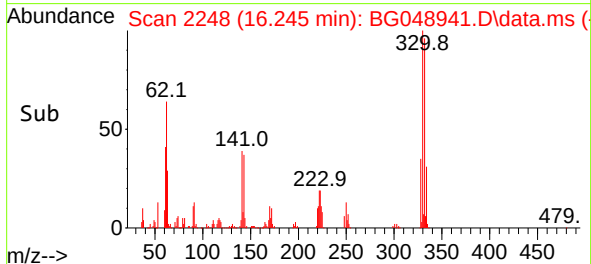
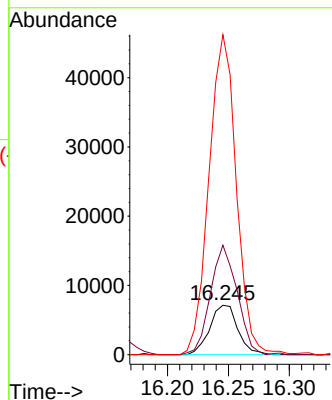
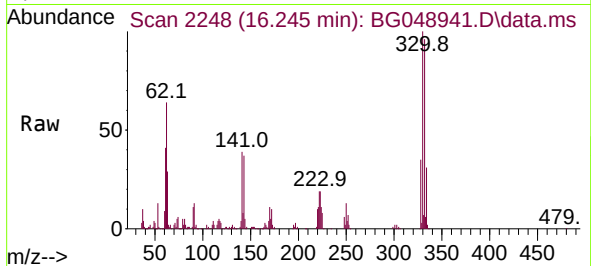




#67
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 16.245 min Scan# 2248
Delta R.T. -0.461 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

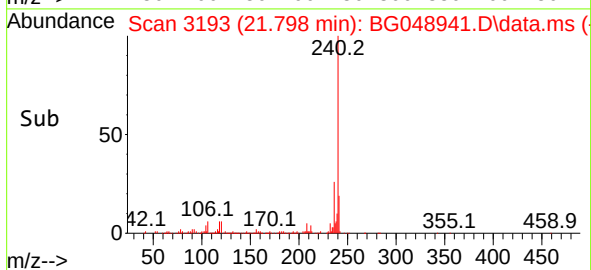
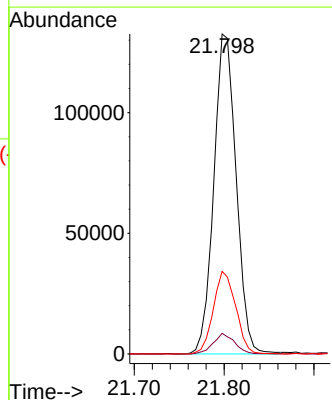
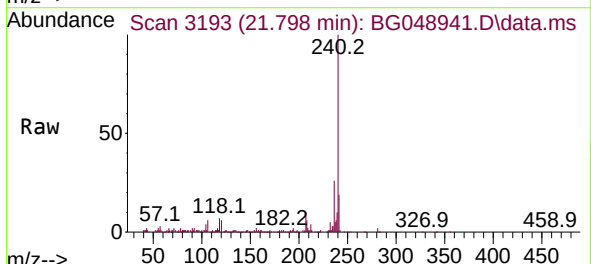
Instrument :
BNA_G
ClientSampleId :
18-B12(210-214)

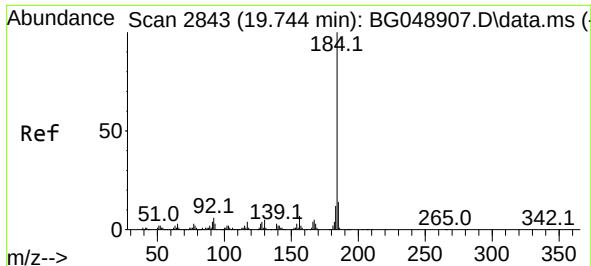
Tgt Ion:248 Resp: 11456
Ion Ratio Lower Upper
248 100
250 220.9 76.1 114.1#
141 646.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3193
Delta R.T. -0.020 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

Tgt Ion:240 Resp: 229653
Ion Ratio Lower Upper
240 100
120 6.5 4.2 6.2#
236 25.8 21.8 32.6

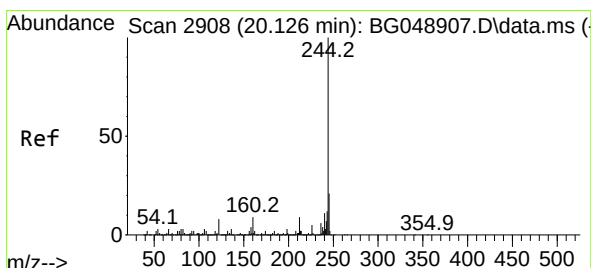
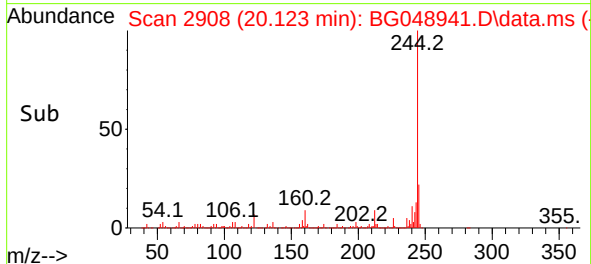
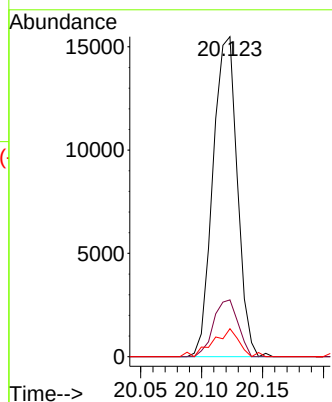
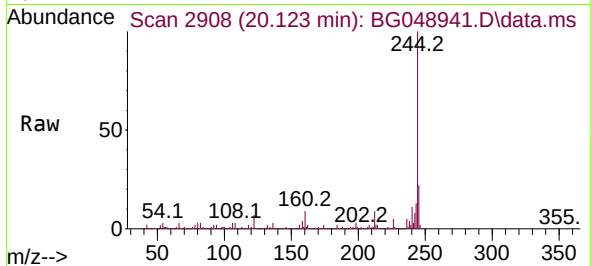




#77
Benzidine
Concen: 4.65 ng
RT: 20.123 min Scan# 2908
Delta R.T. 0.379 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

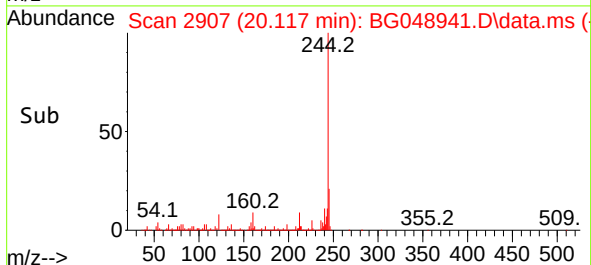
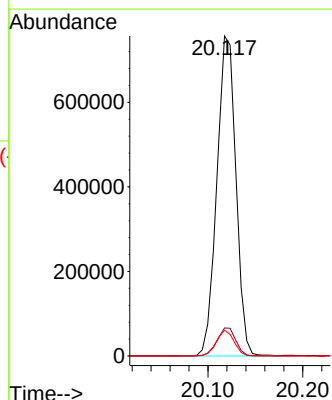
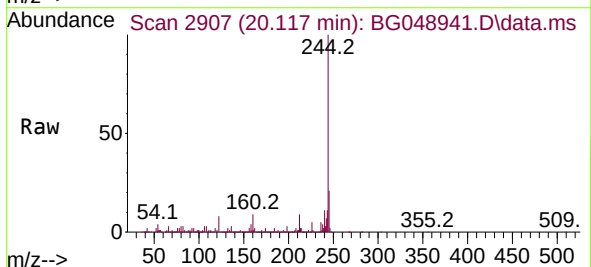
Instrument :
BNA_G
ClientSampleId :
18-B12(210-214)

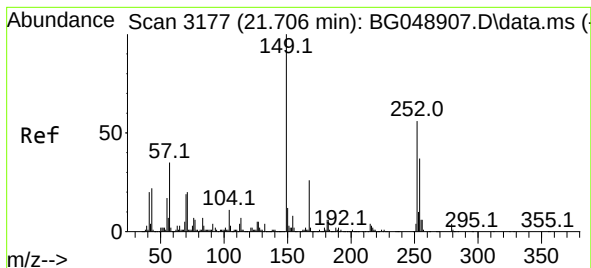
Tgt Ion:184 Resp: 21495
Ion Ratio Lower Upper
184 100
185 17.7 10.7 16.1#
183 8.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 84.56 ng
RT: 20.117 min Scan# 2907
Delta R.T. -0.009 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

Tgt Ion:244 Resp: 1060379
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 8.1 5.0 7.6#

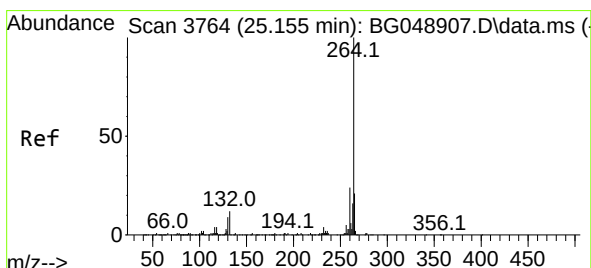
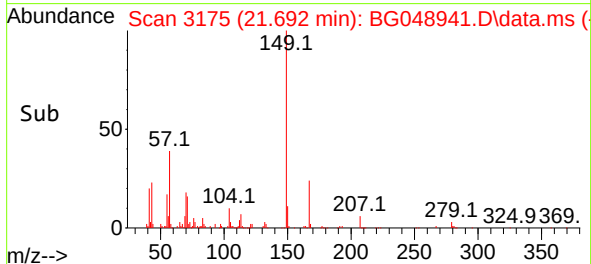
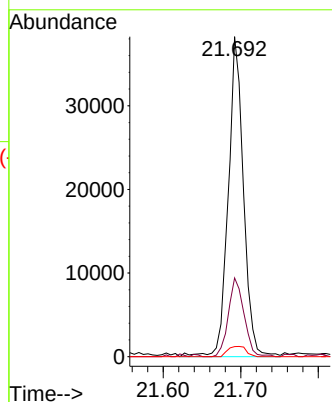
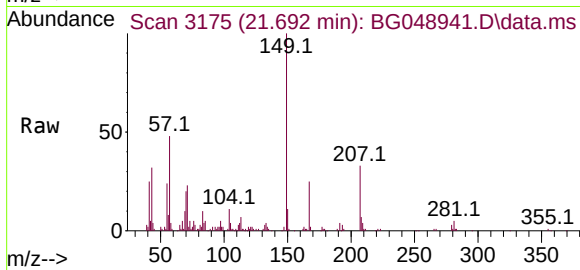




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.86 ng
RT: 21.692 min Scan# 3175
Delta R.T. -0.014 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

Instrument :
BNA_G
ClientSampleId :
18-B12(210-214)

Tgt Ion:149 Resp: 52490
Ion Ratio Lower Upper
149 100
167 24.6 22.3 33.5
279 3.2 3.8 5.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3762
Delta R.T. -0.014 min
Lab File: BG048941.D
Acq: 13 Jun 2021 13:52

Tgt Ion:264 Resp: 233885
Ion Ratio Lower Upper
264 100
260 22.5 19.4 29.2
265 22.2 16.9 25.3

