

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048969.D
 Acq On : 15 Jun 2021 7:11
 Operator : CG/JU
 Sample : M2638-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ND-1

Quant Time: Jun 15 08:09:30 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)

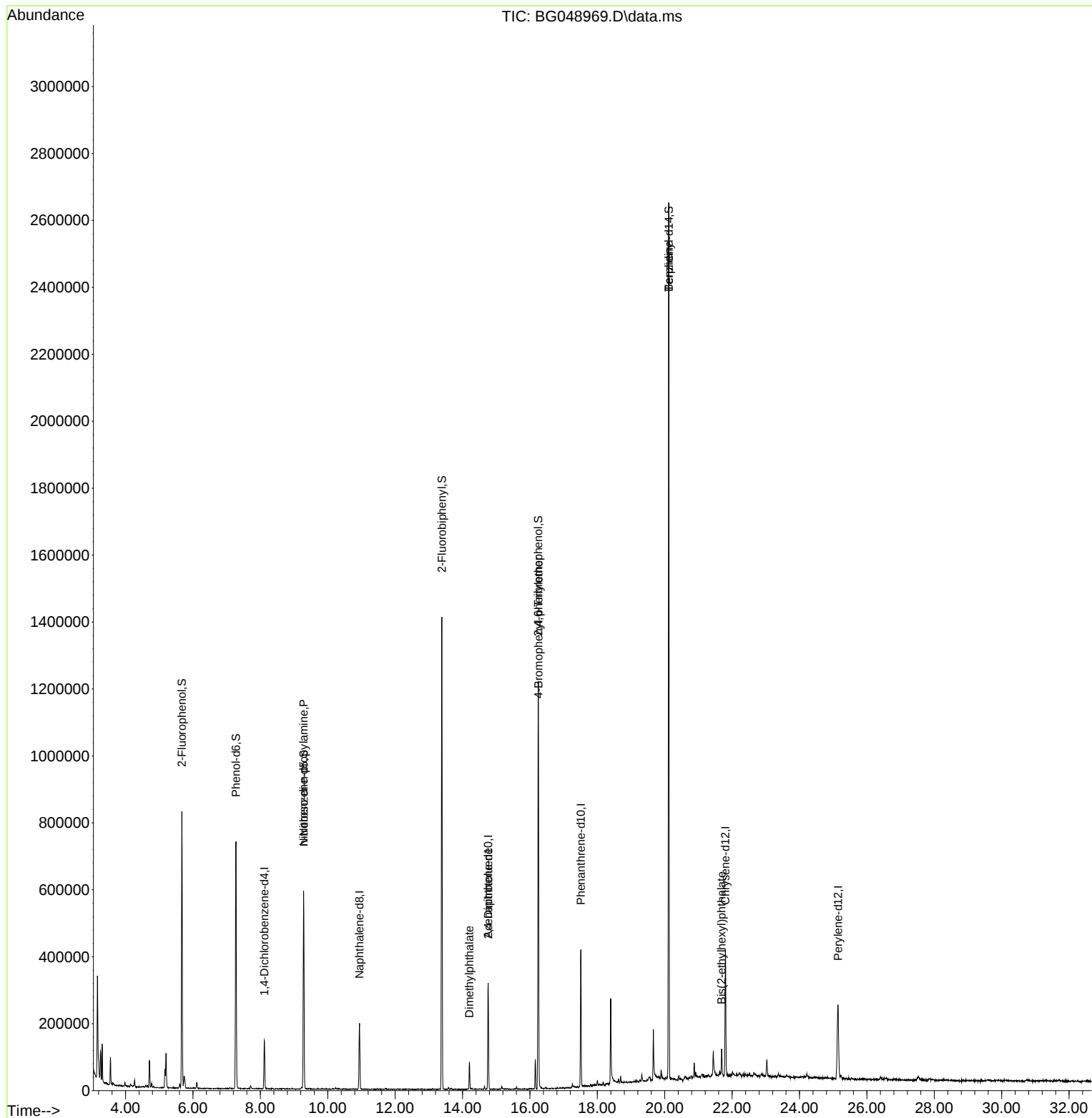
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	37071	20.00	ng	0.00
21) Naphthalene-d8	10.942	136	157886	20.00	ng	# 0.00
39) Acenaphthene-d10	14.761	164	113057	20.00	ng	0.00
64) Phenanthrene-d10	17.511	188	249608	20.00	ng	# 0.00
76) Chrysene-d12	21.800	240	241175	20.00	ng	-0.02
86) Perylene-d12	25.143	264	254070	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	314426	132.03	ng	0.00
7) Phenol-d6	7.276	99	377891	105.87	ng	0.01
23) Nitrobenzene-d5	9.285	82	346229	94.56	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	230095	137.37	ng	0.00
45) 2-Fluorobiphenyl	13.386	172	723260	90.37	ng	0.00
79) Terphenyl-d14	20.120	244	1174546	89.19	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.285	70	50628	18.15	ng	# 75
50) Dimethylphthalate	14.203	163	47697	5.42	ng	# 97
57) 2,4-Dinitrotoluene	14.761	165	15662	7.11	ng	# 15
67) 4-Bromophenyl-phenylether	16.254	248	14534	4.66	ng	# 1
77) Benzidine	20.120	184	23956	4.93	ng	96
84) Bis(2-ethylhexyl)phtha...	21.688	149	30094	3.20	ng	94

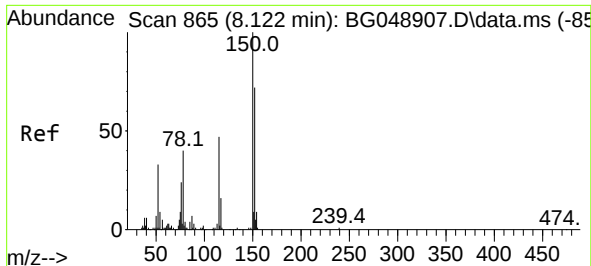
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048969.D
Acq On : 15 Jun 2021 7:11
Operator : CG/JU
Sample : M2638-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ND-1

Quant Time: Jun 15 08:09:30 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

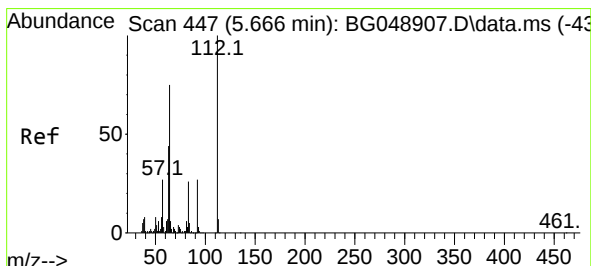
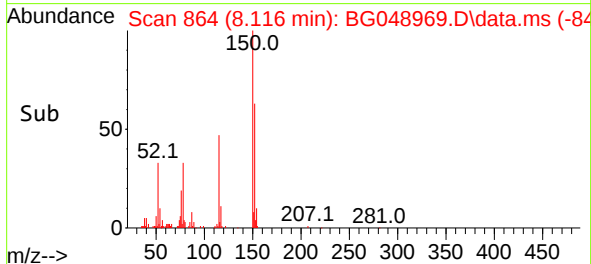
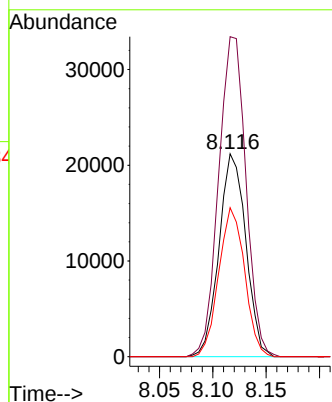
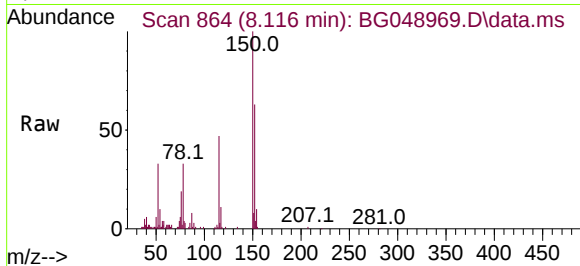




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.116 min Scan# 864
Delta R.T. -0.006 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

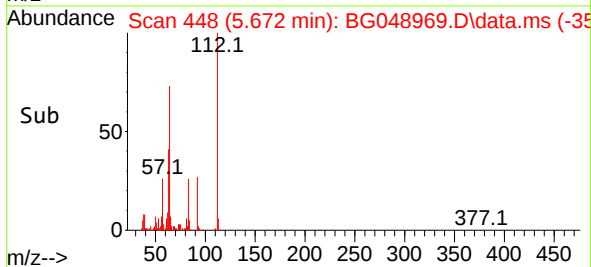
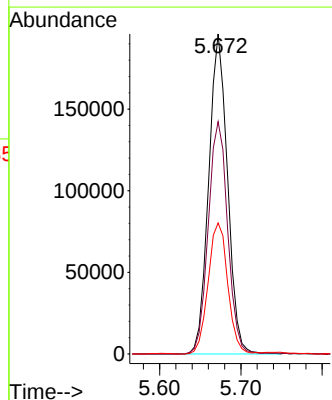
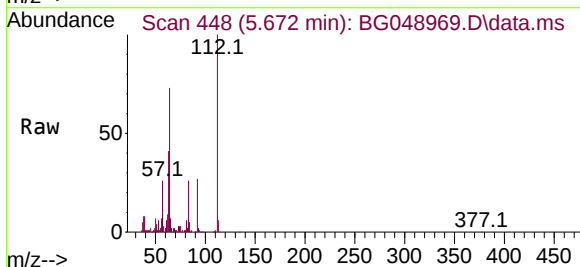
Instrument :
BNA_G
ClientSampleId :
ND-1

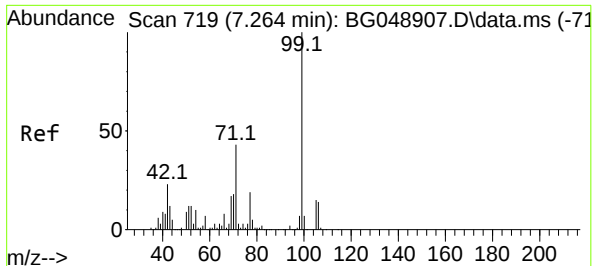
Tgt Ion:152 Resp: 37071
Ion Ratio Lower Upper
152 100
150 157.7 119.4 179.0
115 73.4 60.2 90.4



#5
2-Fluorophenol
Concen: 132.03 ng
RT: 5.672 min Scan# 448
Delta R.T. 0.006 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

Tgt Ion:112 Resp: 314426
Ion Ratio Lower Upper
112 100
64 72.6 46.7 70.1#
63 41.0 35.3 52.9

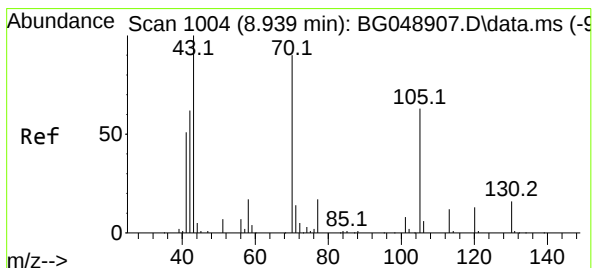
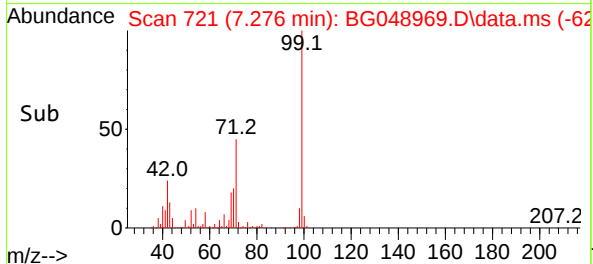
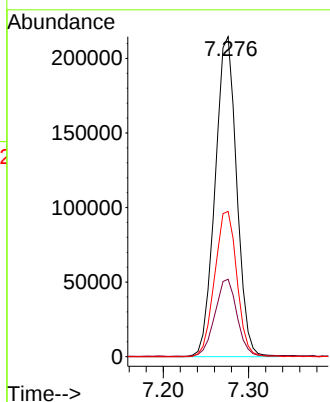
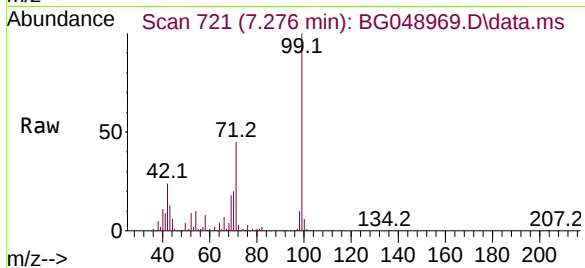




#7
Phenol-d6
Concen: 105.87 ng
RT: 7.276 min Scan# 721
Delta R.T. 0.012 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

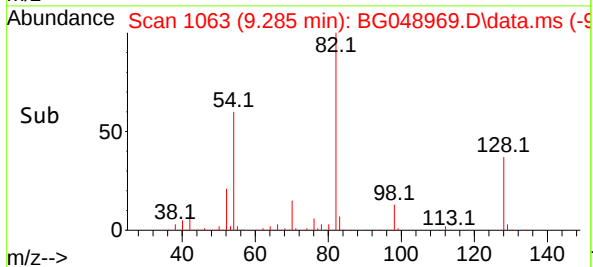
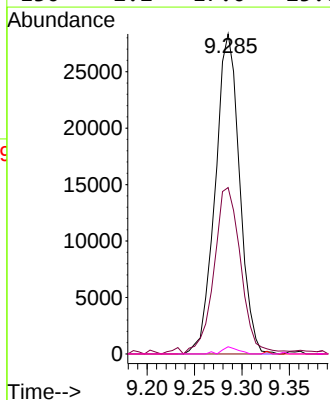
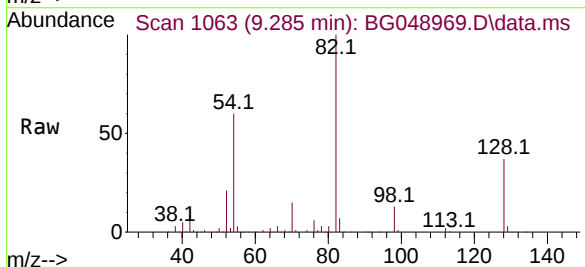
Instrument :
BNA_G
ClientSampleId :
ND-1

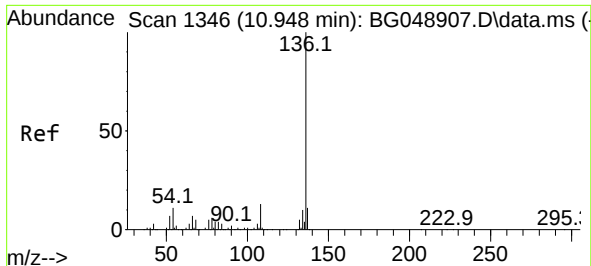
Tgt Ion: 99 Resp: 377891
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 45.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.15 ng
RT: 9.285 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

Tgt Ion: 70 Resp: 50628
Ion Ratio Lower Upper
70 100
42 52.0 54.5 81.7#
101 0.0 9.0 13.6#
130 2.2 17.0 25.6#

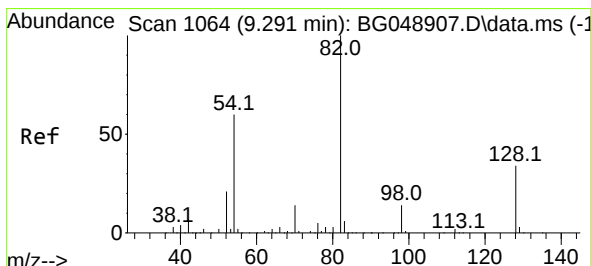
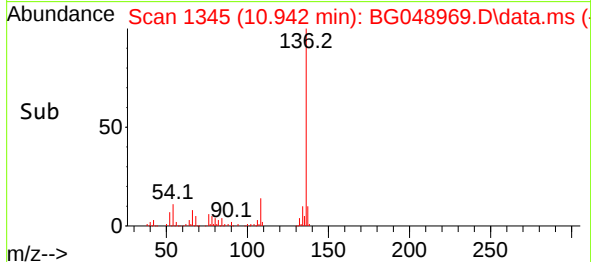
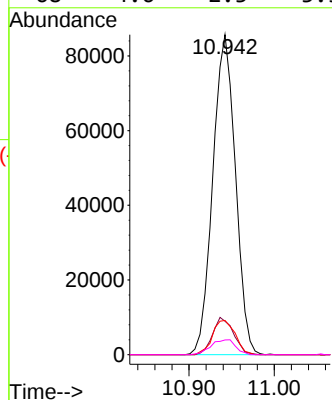
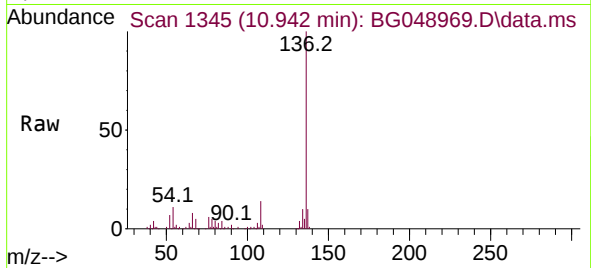




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.942 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

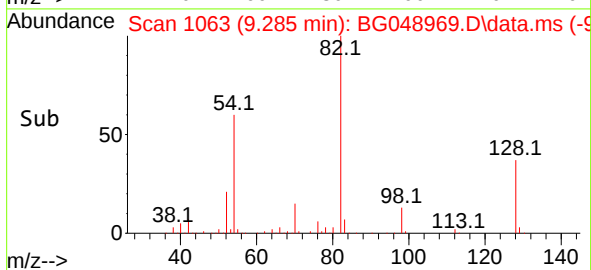
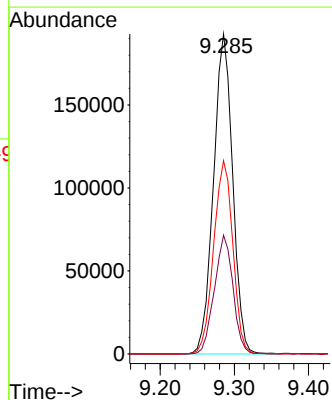
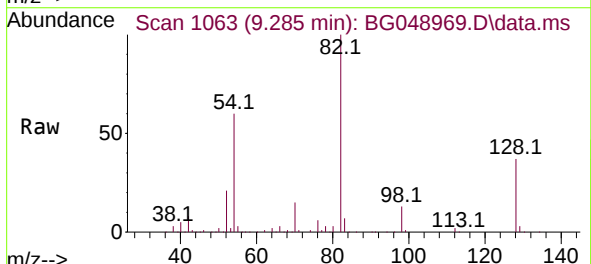
Instrument :
BNA_G
ClientSampleId :
ND-1

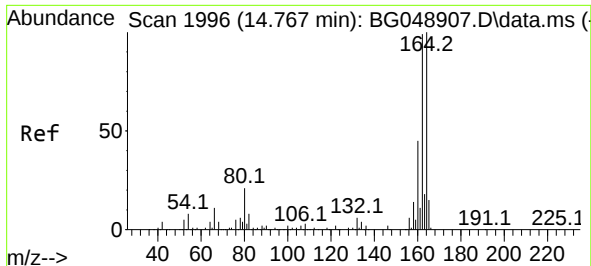
Tgt Ion:	136	Resp:	157886
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.2
54	10.7	5.5	8.3#
68	4.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 94.56 ng
RT: 9.285 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

Tgt Ion:	82	Resp:	346229
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.8	44.6
54	60.4	45.8	68.8

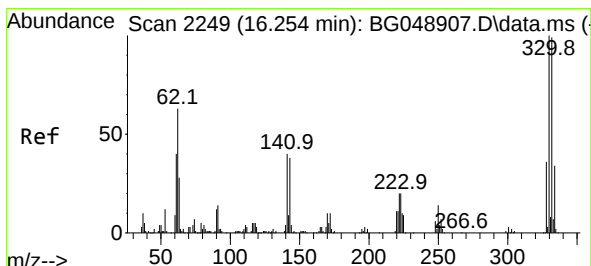
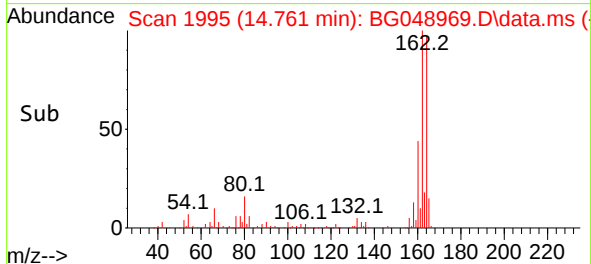
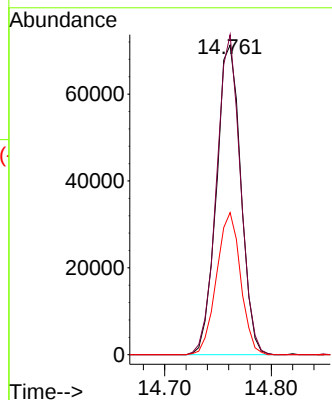
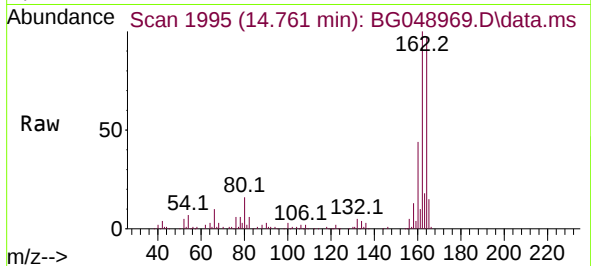




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.761 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

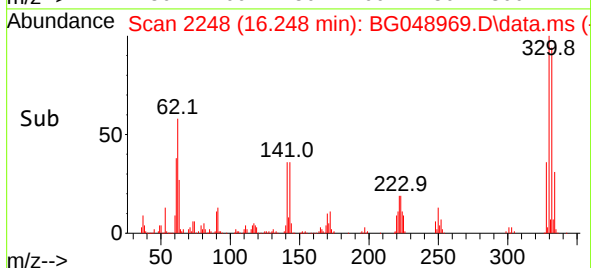
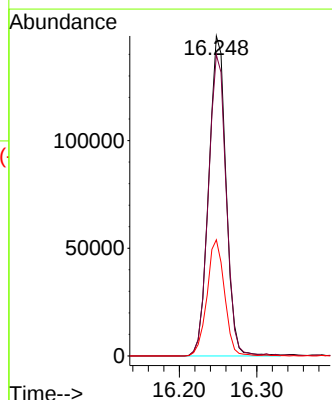
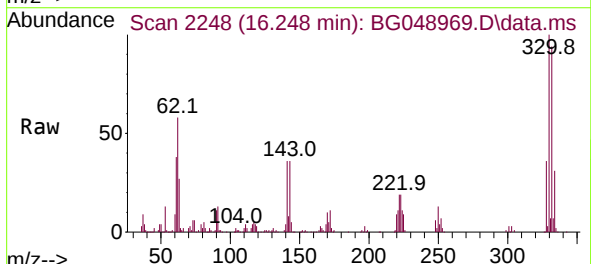
Instrument :
BNA_G
ClientSampleId :
ND-1

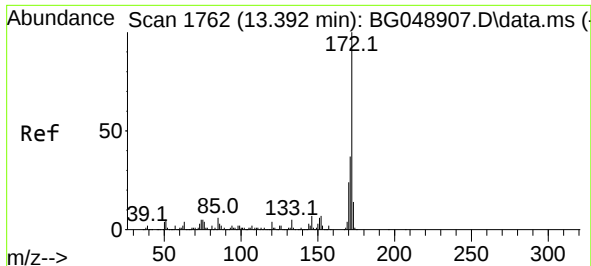
Tgt Ion:164 Resp: 113057
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 45.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 137.37 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

Tgt Ion:330 Resp: 230095
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 36.7 35.6 53.4

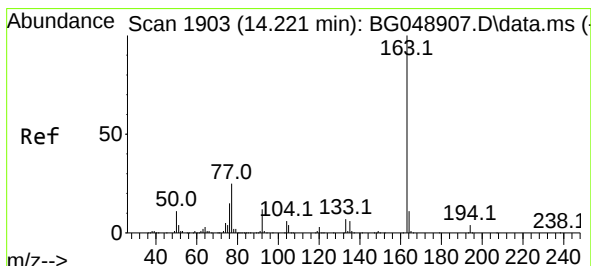
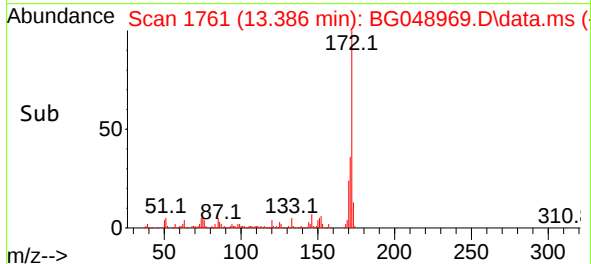
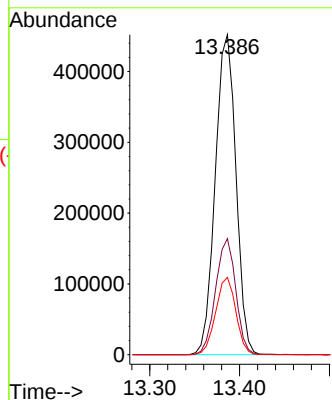
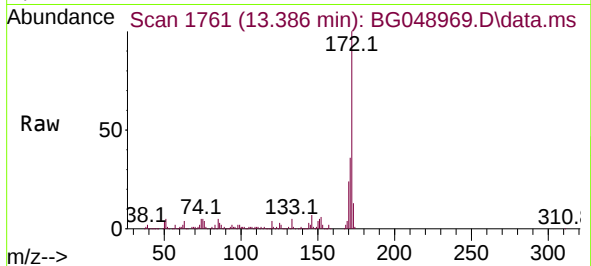




#45
2-Fluorobiphenyl
Concen: 90.37 ng
RT: 13.386 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

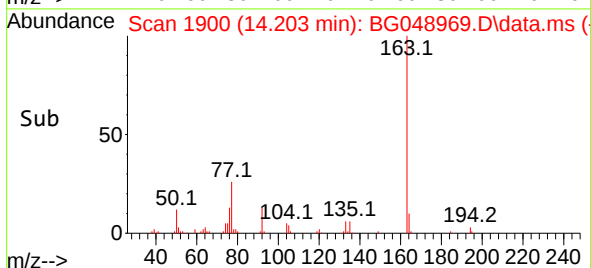
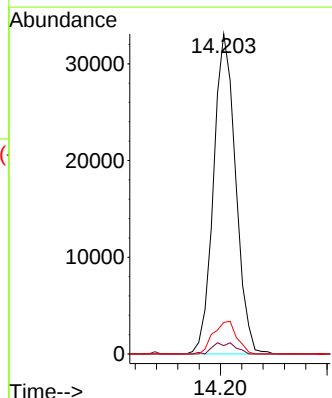
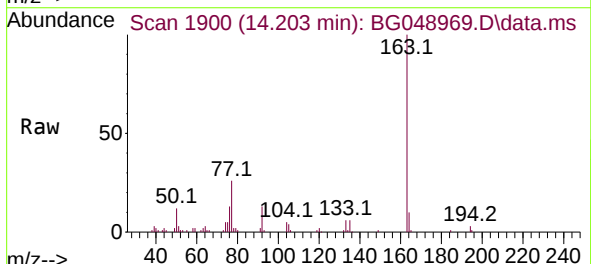
Instrument :
BNA_G
ClientSampleId :
ND-1

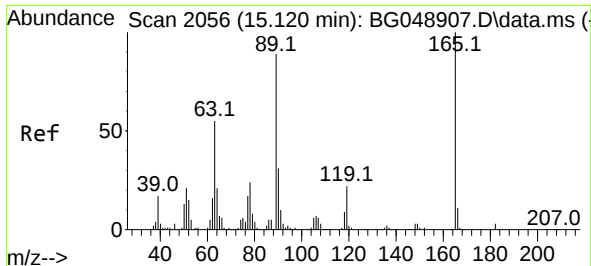
Tgt Ion:	172	Resp:	723260
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	18.6	27.8



#50
Dimethylphthalate
Concen: 5.42 ng
RT: 14.203 min Scan# 1900
Delta R.T. -0.018 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

Tgt Ion:	163	Resp:	47697
Ion	Ratio	Lower	Upper
163	100		
194	2.6	3.0	4.6#
164	9.9	8.6	12.8

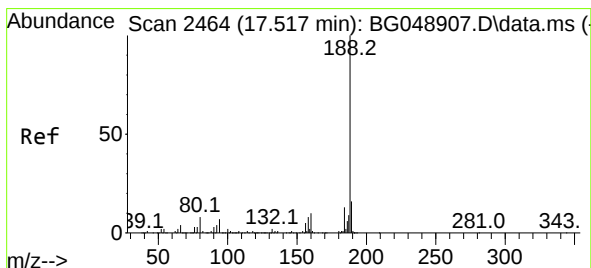
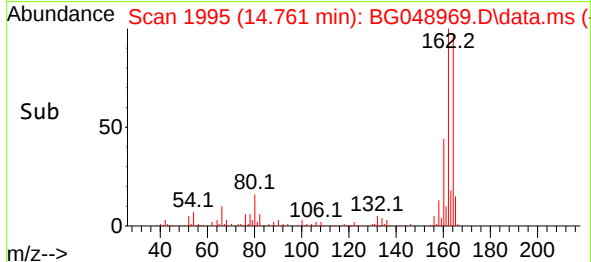
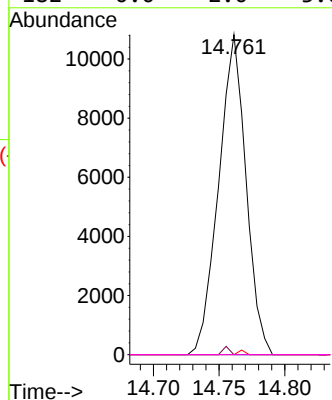
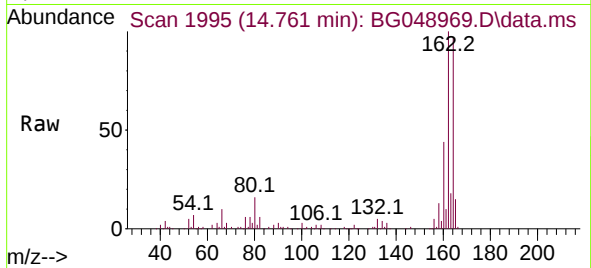




#57
2,4-Dinitrotoluene
Concen: 7.11 ng
RT: 14.761 min Scan# 1995
Delta R.T. -0.359 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

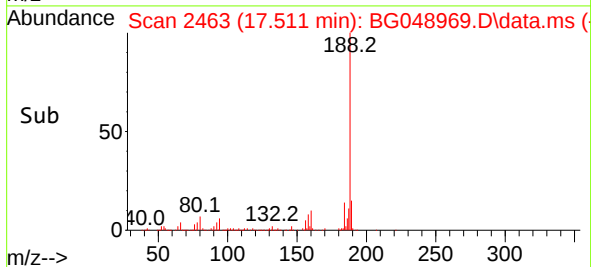
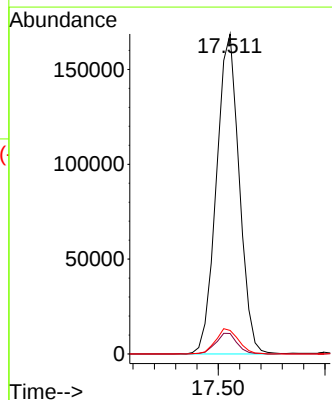
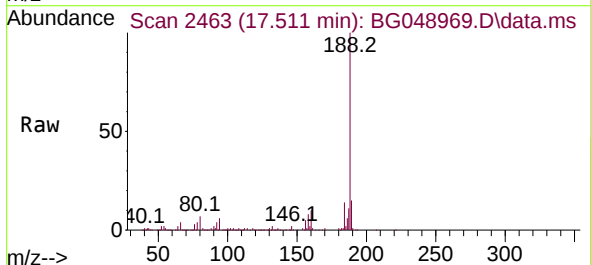
Instrument :
BNA_G
ClientSampled :
ND-1

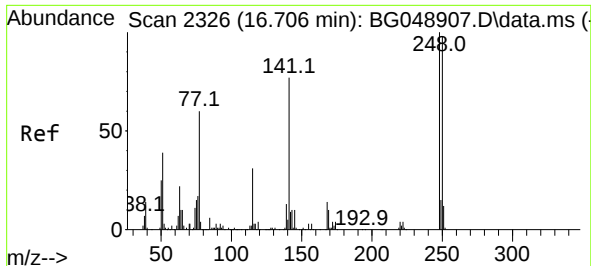
Tgt Ion:165 Resp: 15662
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.511 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

Tgt Ion:188 Resp: 249608
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.3 3.7 5.5#

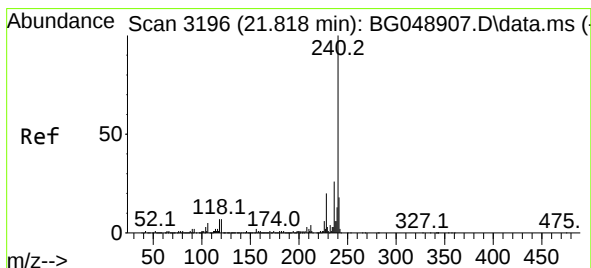
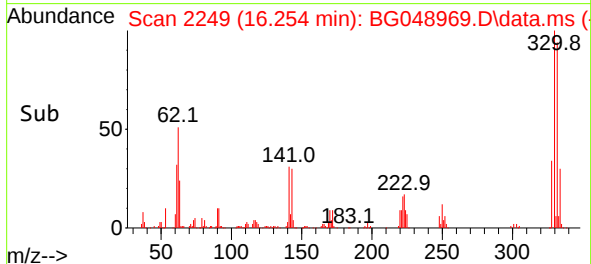
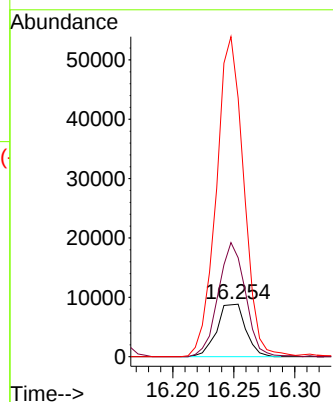
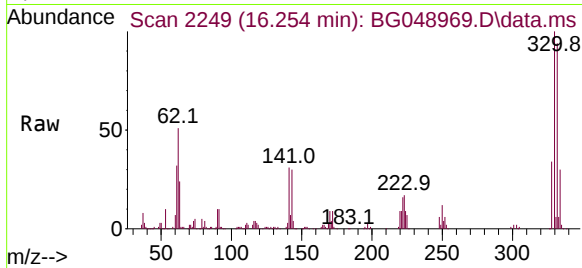




#67
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 16.254 min Scan# 2249
Delta R.T. -0.453 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

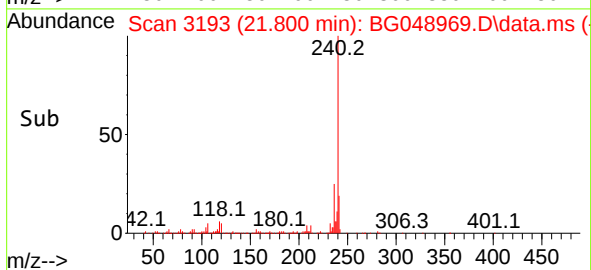
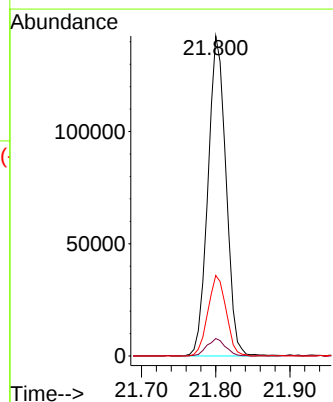
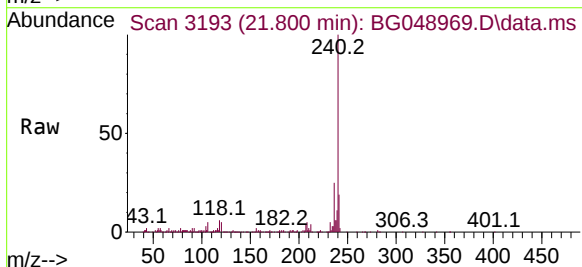
Instrument :
BNA_G
ClientSampleId :
ND-1

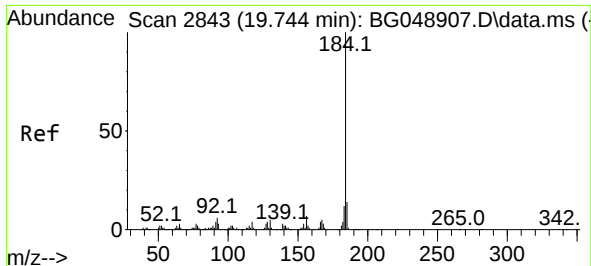
Tgt Ion:248 Resp: 14534
Ion Ratio Lower Upper
248 100
250 188.4 76.1 114.1#
141 492.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.800 min Scan# 3193
Delta R.T. -0.018 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

Tgt Ion:240 Resp: 241175
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 25.2 21.8 32.6

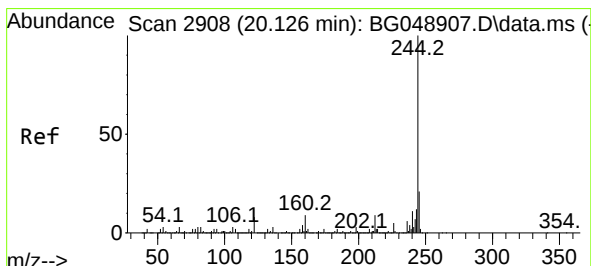
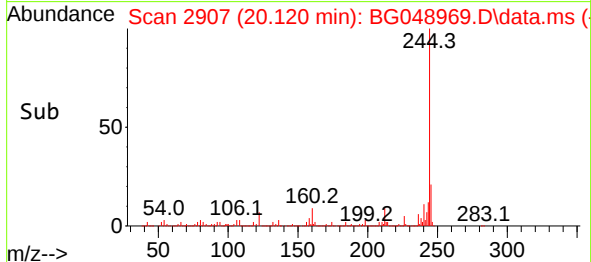
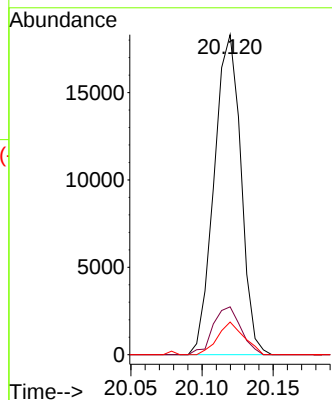
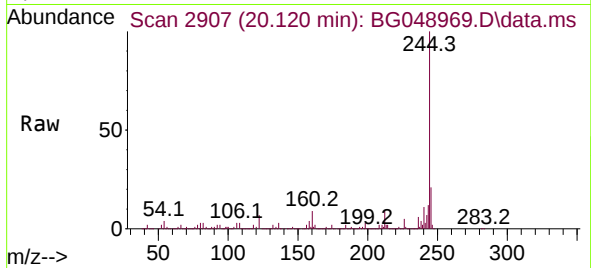




#77
Benzidine
Concen: 4.93 ng
RT: 20.120 min Scan# 2907
Delta R.T. 0.376 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

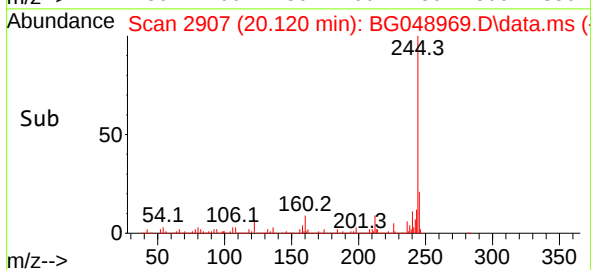
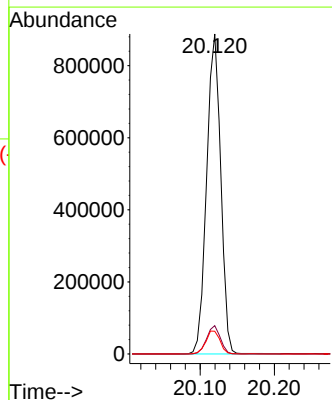
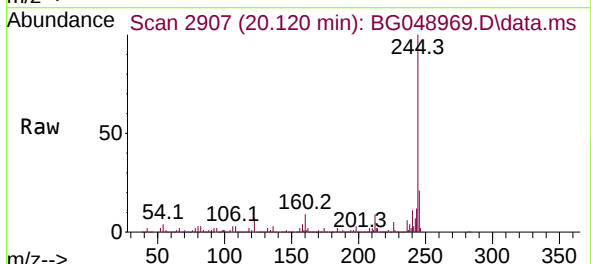
Instrument :
BNA_G
ClientSampleId :
ND-1

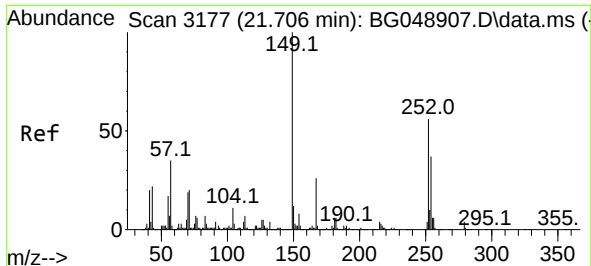
Tgt Ion:184 Resp: 23956
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 10.2 9.4 14.0



#79
Terphenyl-d14
Concen: 89.19 ng
RT: 20.120 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG048969.D
Acq: 15 Jun 2021 7:11

Tgt Ion:244 Resp: 1174546
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.1 5.0 7.6

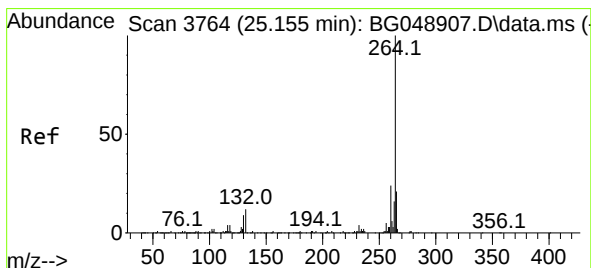
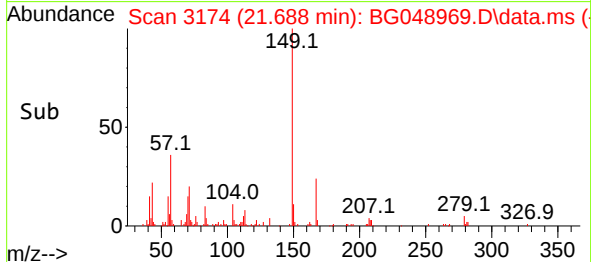
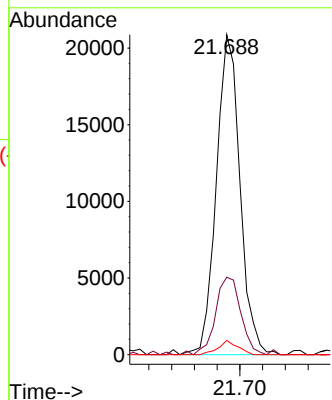
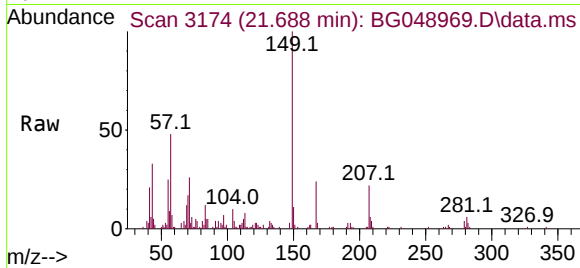




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.20 ng
 RT: 21.688 min Scan# 3174
 Delta R.T. -0.018 min
 Lab File: BG048969.D
 Acq: 15 Jun 2021 7:11

Instrument :
 BNA_G
 ClientSampleId :
 ND-1

Tgt Ion:149 Resp: 30094
 Ion Ratio Lower Upper
 149 100
 167 24.2 22.3 33.5
 279 4.5 3.8 5.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.143 min Scan# 3762
 Delta R.T. -0.012 min
 Lab File: BG048969.D
 Acq: 15 Jun 2021 7:11

Tgt Ion:264 Resp: 254070
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.3 16.9 25.3

