

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048915.D
 Acq On : 12 Jun 2021 16:40
 Operator : CG/JU
 Sample : PB137054BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137054BL

Quant Time: Jun 14 03:15:46 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)

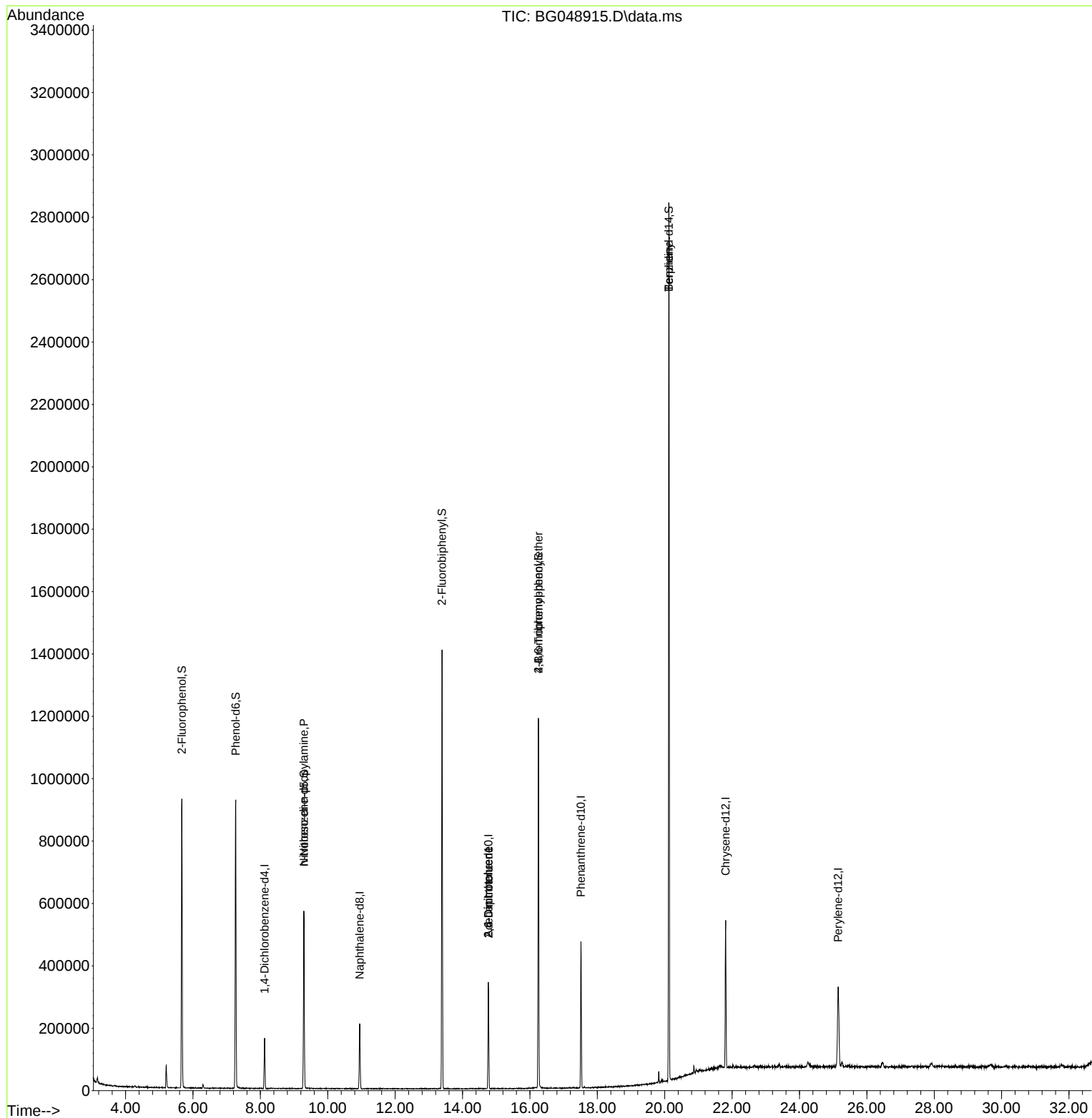
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	40317	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	164660	20.00	ng	# 0.00
39) Acenaphthene-d10	14.765	164	119707	20.00	ng	0.00
64) Phenanthrene-d10	17.515	188	290021	20.00	ng	# 0.00
76) Chrysene-d12	21.810	240	300215	20.00	ng	0.00
86) Perylene-d12	25.147	264	293351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	362936	140.13	ng	0.00
7) Phenol-d6	7.268	99	481074	123.93	ng	0.00
23) Nitrobenzene-d5	9.289	82	336858	88.21	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	214615	121.01	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	713313	84.18	ng	0.00
79) Terphenyl-d14	20.123	244	1353755	82.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.289	70	49758	16.40	ng	# 71
51) 2,6-Dinitrotoluene	14.765	165	15249	8.03	ng	# 11
57) 2,4-Dinitrotoluene	14.765	165	15249	6.54	ng	# 17
67) 4-Bromophenyl-phenylether	16.252	248	14717	4.06	ng	# 1
77) Benzdine	20.123	184	26967	4.46	ng	# 92

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

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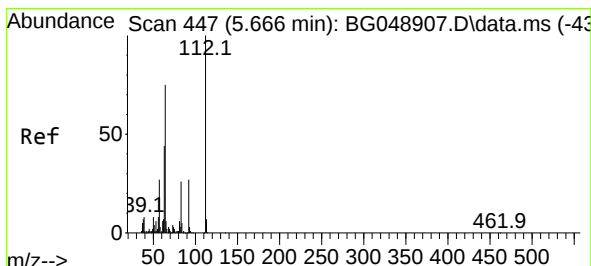
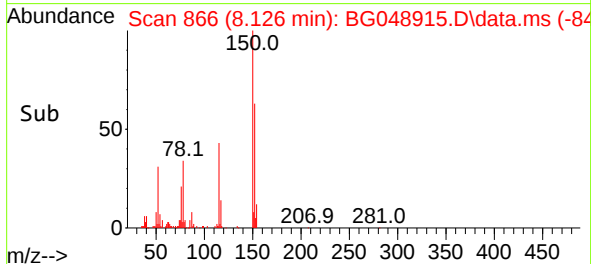
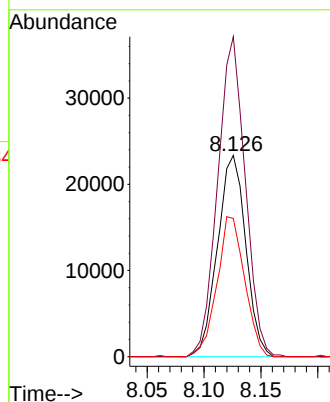
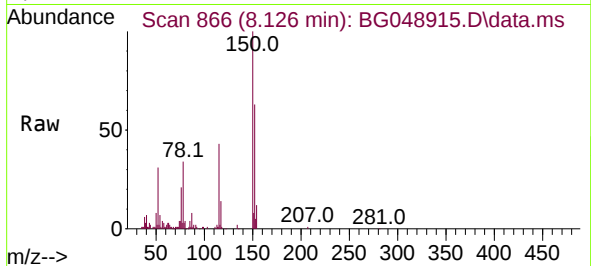




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.126 min Scan# 866
Delta R.T. 0.004 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

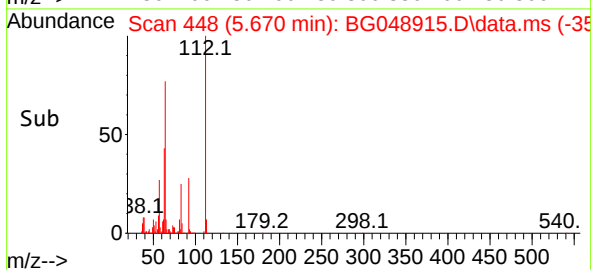
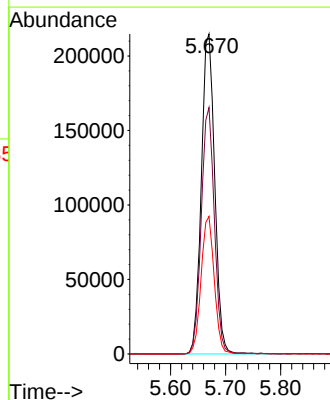
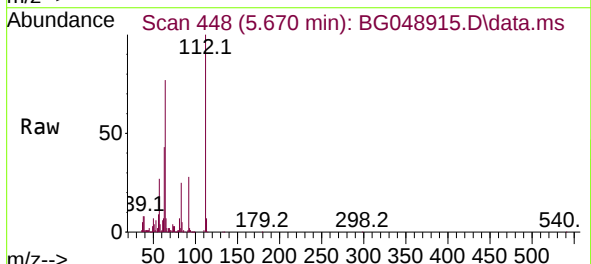
Instrument :
BNA_G
ClientSampleId :
PB137054BL

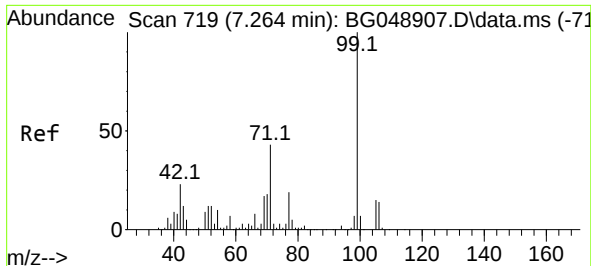
Tgt Ion:152 Resp: 40317
Ion Ratio Lower Upper
152 100
150 159.0 119.4 179.0
115 68.7 60.2 90.4



#5
2-Fluorophenol
Concen: 140.13 ng
RT: 5.670 min Scan# 448
Delta R.T. 0.004 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

Tgt Ion:112 Resp: 362936
Ion Ratio Lower Upper
112 100
64 77.0 46.7 70.1#
63 43.0 35.3 52.9

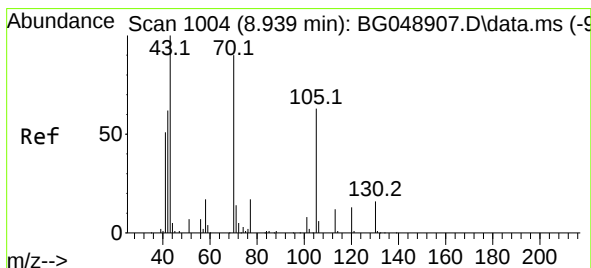
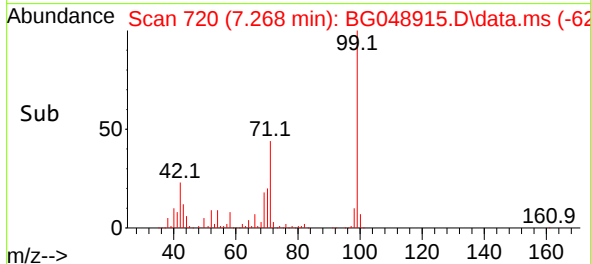
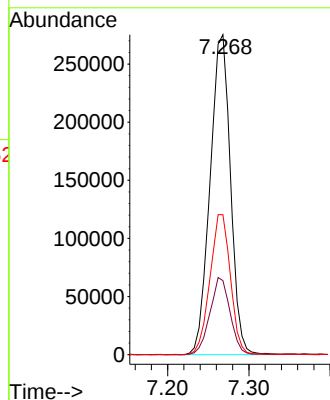
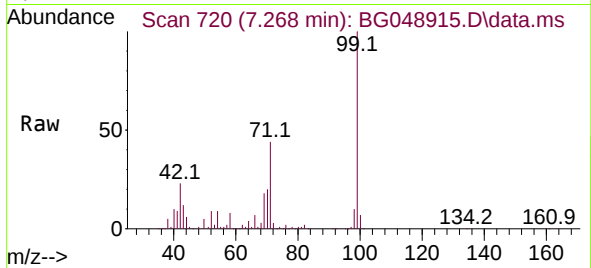




#7
Phenol-d6
Concen: 123.93 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.004 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

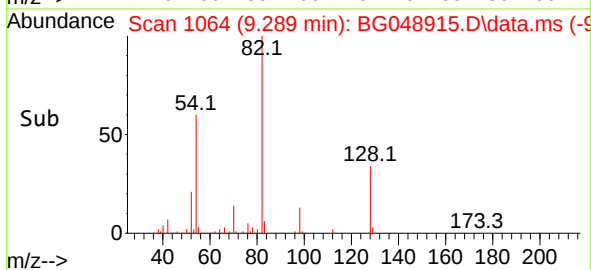
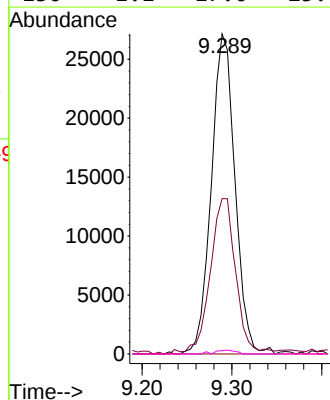
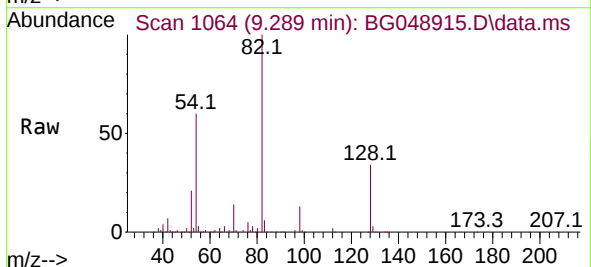
Instrument :
BNA_G
ClientSampleId :
PB137054BL

Tgt Ion: 99 Resp: 481074
Ion Ratio Lower Upper
99 100
42 23.1 20.5 30.7
71 43.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.40 ng
RT: 9.289 min Scan# 1064
Delta R.T. 0.350 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

Tgt Ion: 70 Resp: 49758
Ion Ratio Lower Upper
70 100
42 48.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

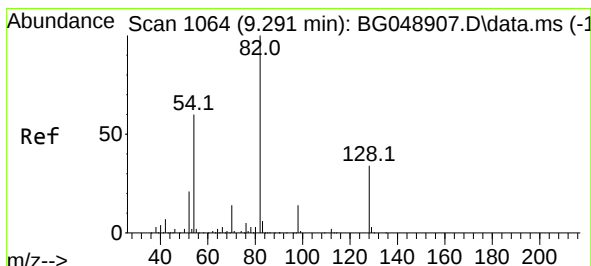
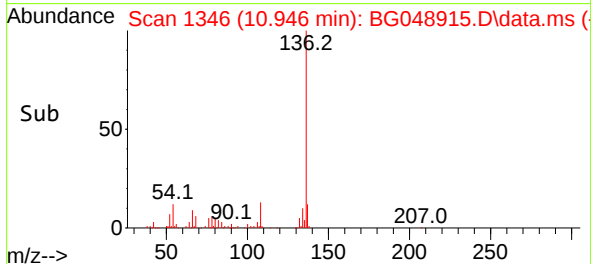
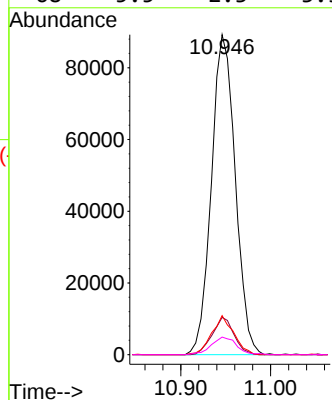
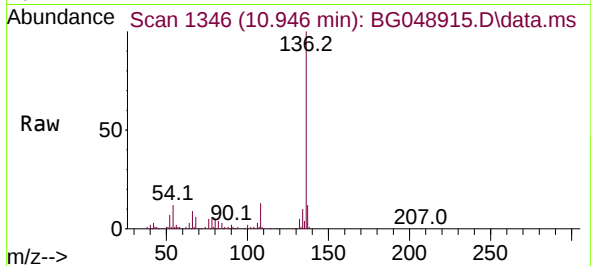




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

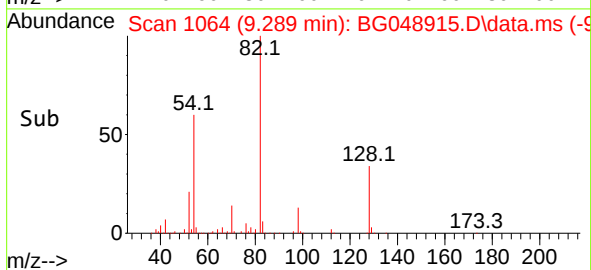
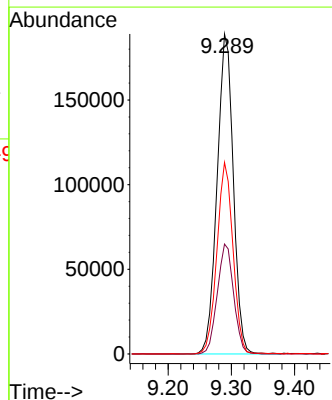
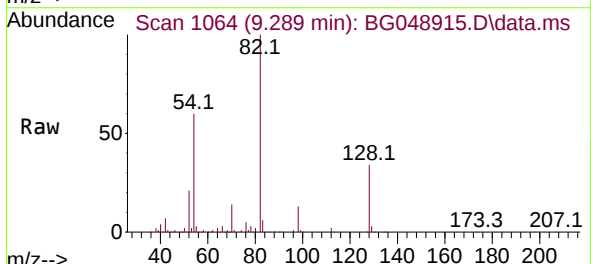
Instrument :
BNA_G
ClientSampleId :
PB137054BL

Tgt Ion:	136	Resp:	164660
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	12.2	5.5	8.3#
68	5.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 88.21 ng
RT: 9.289 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

Tgt Ion:	82	Resp:	336858
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.8	44.6
54	59.9	45.8	68.8

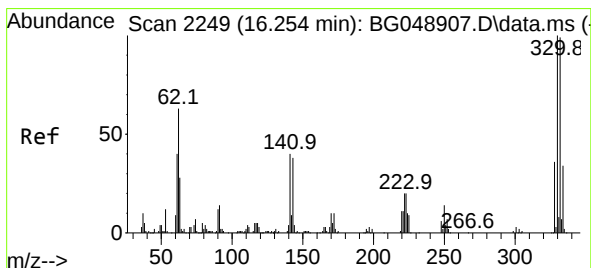
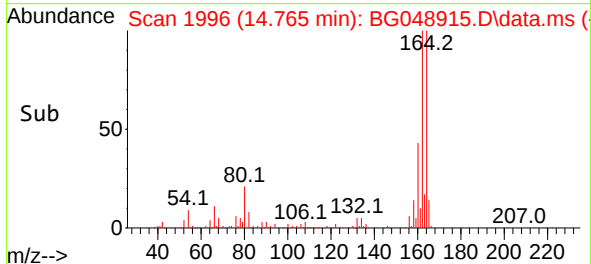
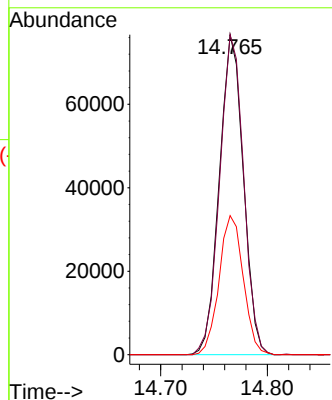
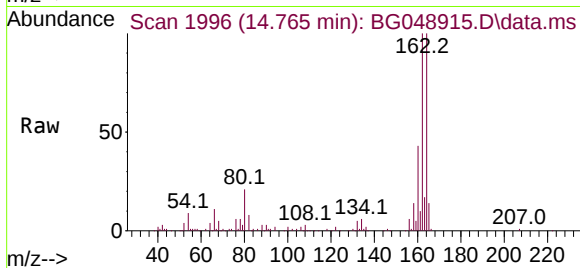




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

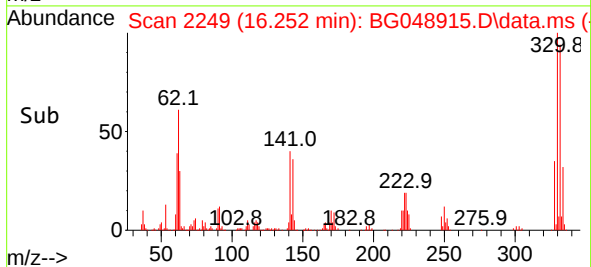
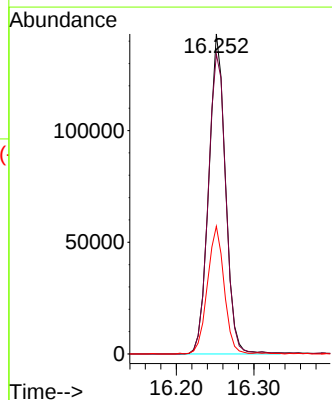
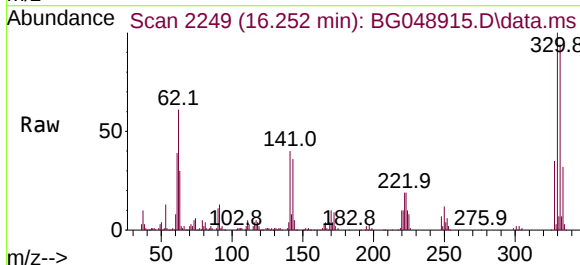
Instrument :
BNA_G
ClientSampleId :
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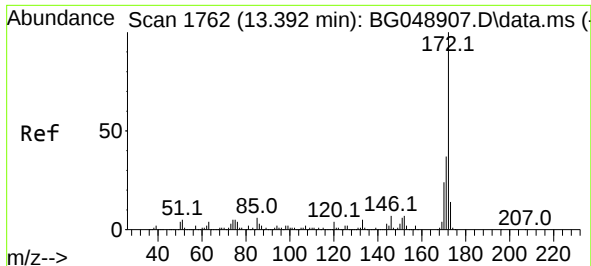
Tgt Ion:164 Resp: 119707
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 43.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 121.01 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.002 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

Tgt Ion:330 Resp: 214615
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 39.8 35.6 53.4

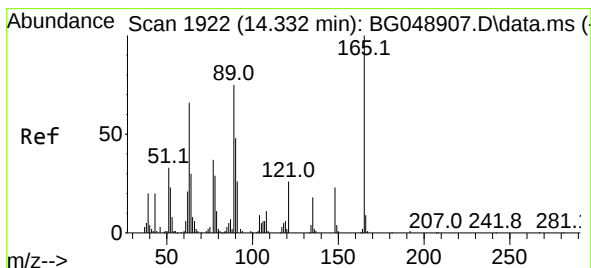
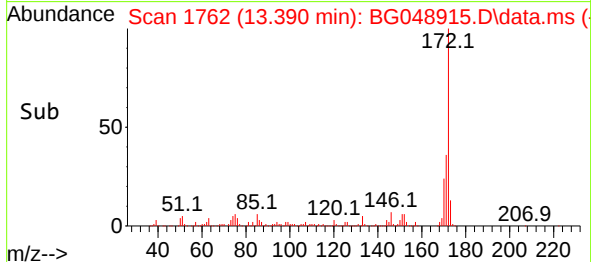
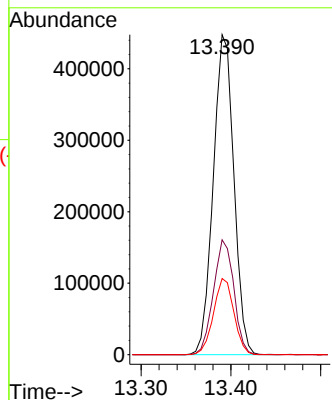
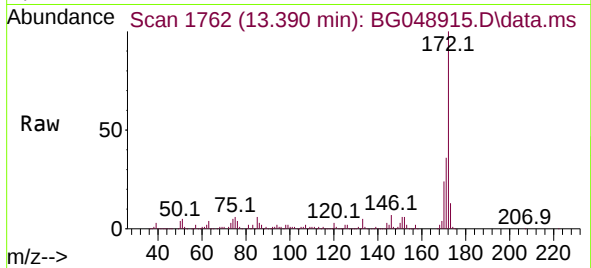




#45
2-Fluorobiphenyl
Concen: 84.18 ng
RT: 13.390 min Scan# 1762
Delta R.T. -0.002 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

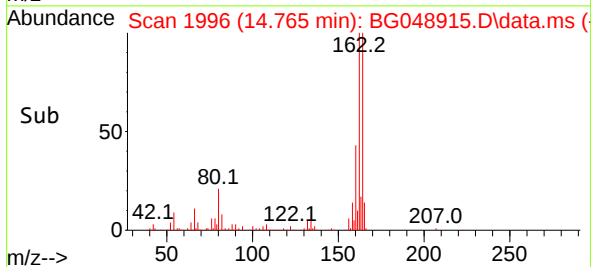
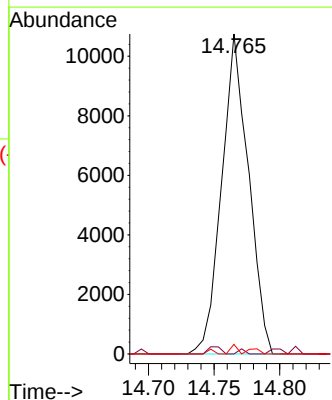
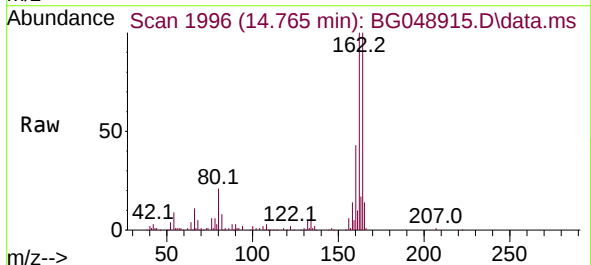
Instrument :
BNA_G
ClientSampleId :
PB137054BL

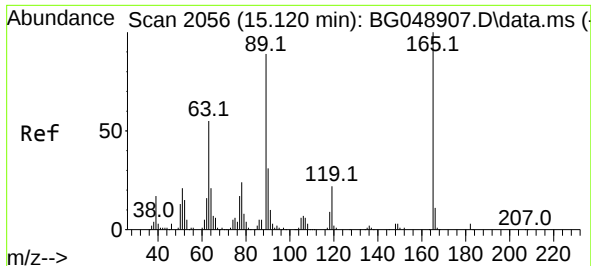
Tgt Ion:172 Resp: 713313
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 14.765 min Scan# 1996
Delta R.T. 0.433 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

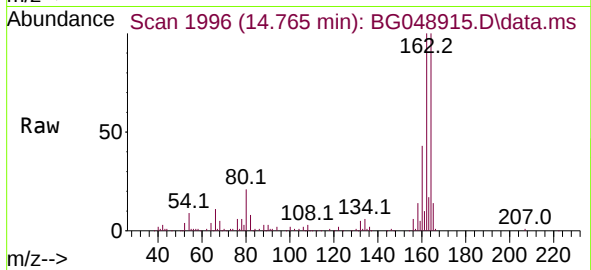
Tgt Ion:165 Resp: 15249
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.0 63.4 95.0#



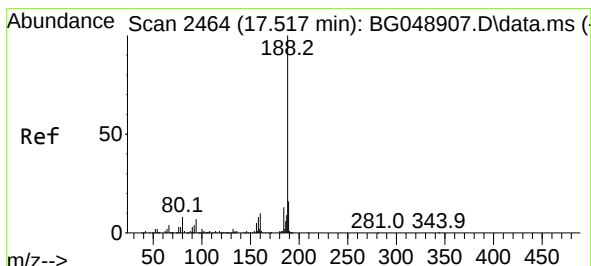
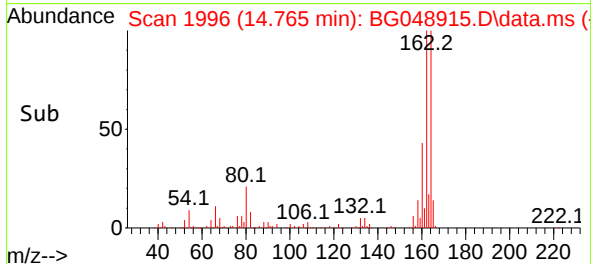
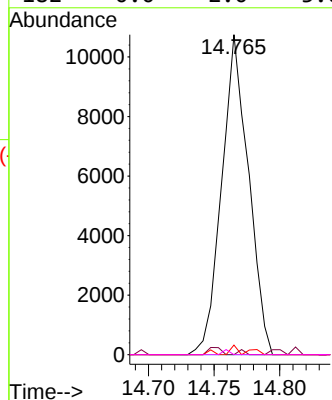


#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.355 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

Instrument :
BNA_G
ClientSampleId :
PB137054BL

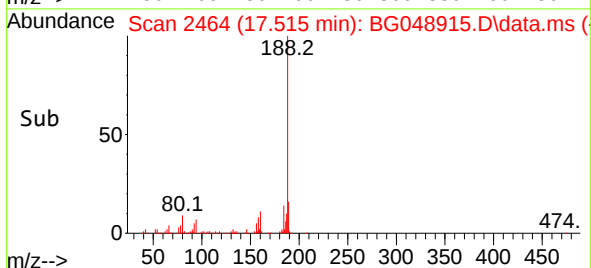
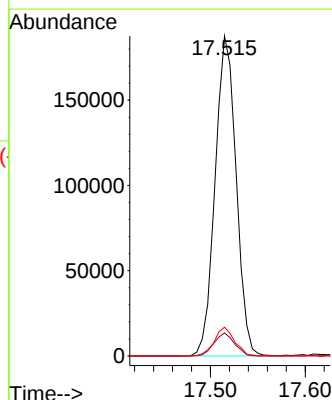
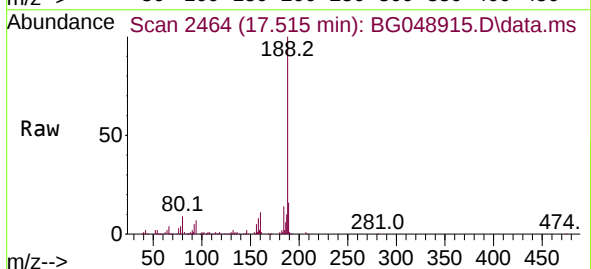


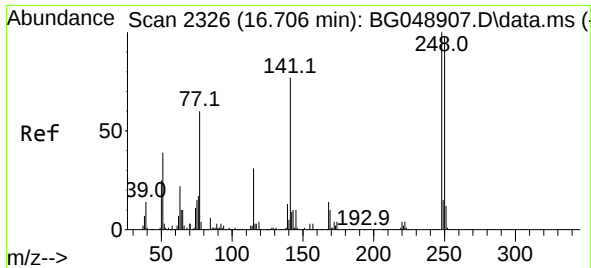
Tgt Ion:165 Resp: 15249
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.515 min Scan# 2464
Delta R.T. -0.002 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

Tgt Ion:188 Resp: 290021
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 9.0 3.7 5.5#

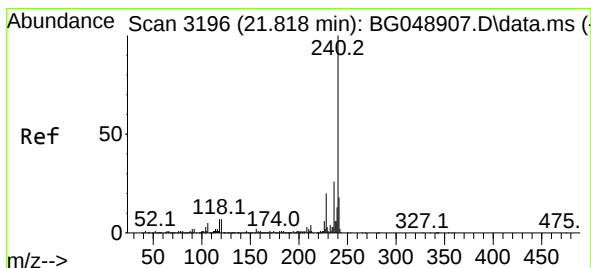
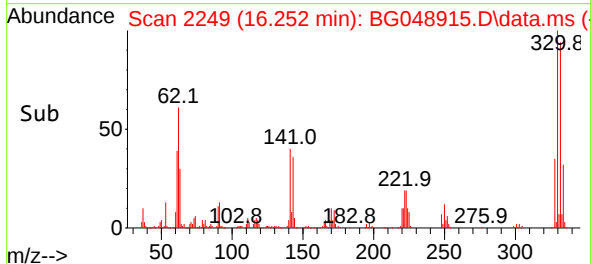
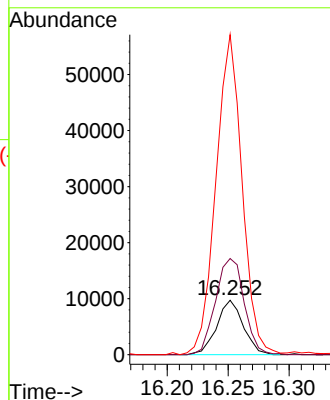
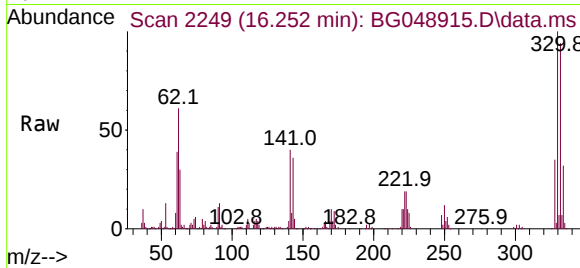




#67
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.455 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

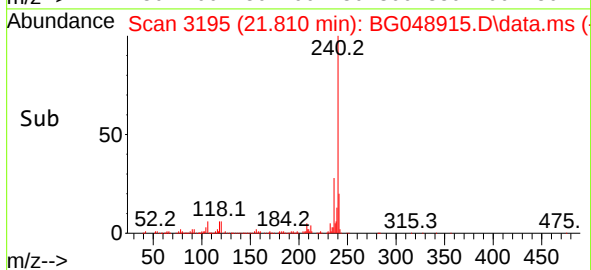
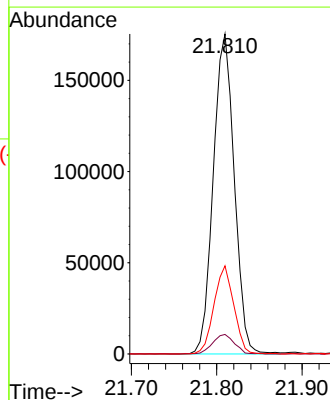
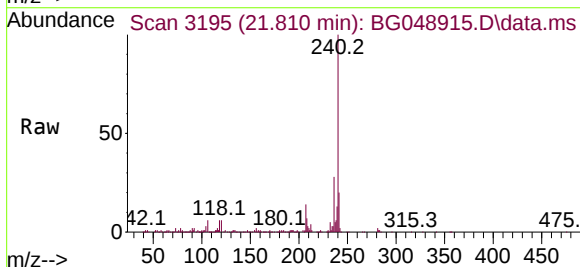
Instrument :
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PB137054BL

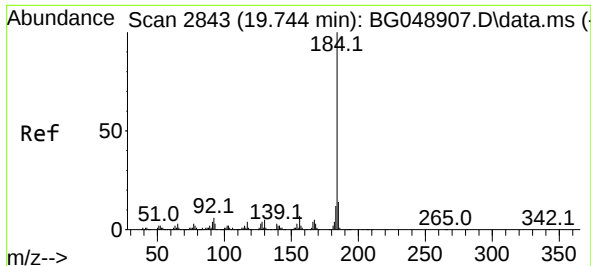
Tgt Ion:248 Resp: 14717
Ion Ratio Lower Upper
248 100
250 177.1 76.1 114.1#
141 589.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.810 min Scan# 3195
Delta R.T. -0.008 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

Tgt Ion:240 Resp: 300215
Ion Ratio Lower Upper
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120 6.1 4.2 6.2
236 27.5 21.8 32.6

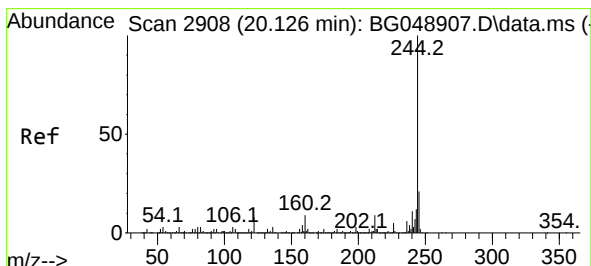
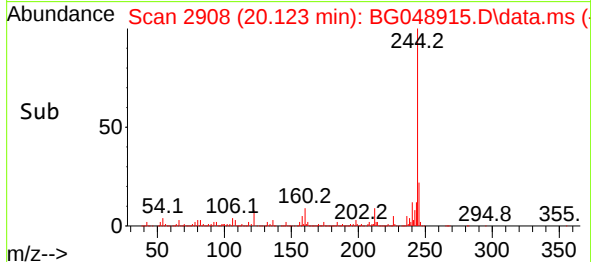
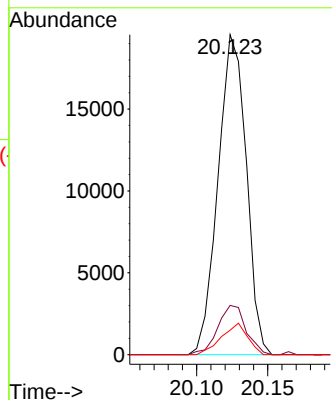
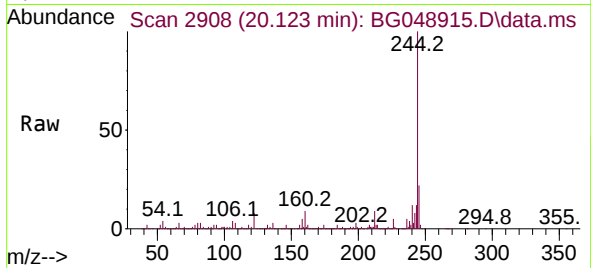




#77
Benzidine
Concen: 4.46 ng
RT: 20.123 min Scan# 2908
Delta R.T. 0.380 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

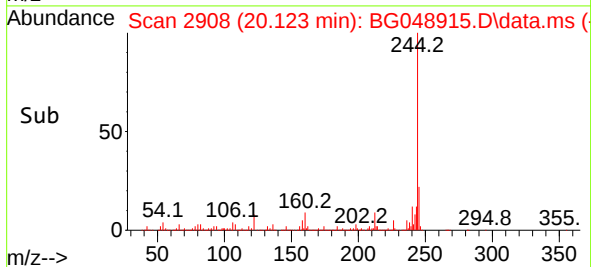
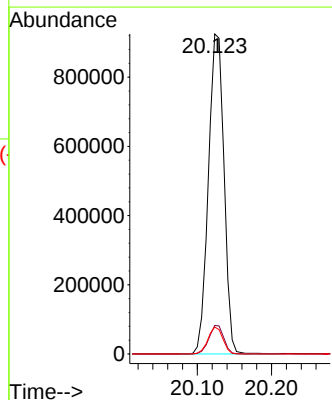
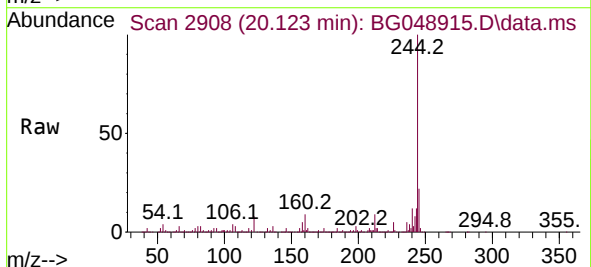
Instrument :
BNA_G
ClientSampleId :
PB137054BL

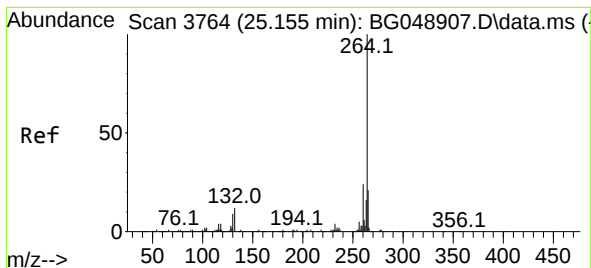
Tgt Ion:184 Resp: 26967
Ion Ratio Lower Upper
184 100
185 15.4 10.7 16.1
183 7.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 82.58 ng
RT: 20.123 min Scan# 2908
Delta R.T. -0.003 min
Lab File: BG048915.D
Acq: 12 Jun 2021 16:40

Tgt Ion:244 Resp: 1353755
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 8.4 5.0 7.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.147 min Scan# 3763

Delta R.T. -0.008 min

Lab File: BG048915.D

Acq: 12 Jun 2021 16:40

Instrument :

BNA_G

ClientSampleId :

PB137054BL

Tgt Ion:264 Resp: 293351

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.0 16.9 25.3

