

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049915.D
 Acq On : 20 Aug 2021 18:39
 Operator : CG/JU
 Sample : PB138447BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138447BL

Quant Time: Aug 21 05:18:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 21 05:13:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

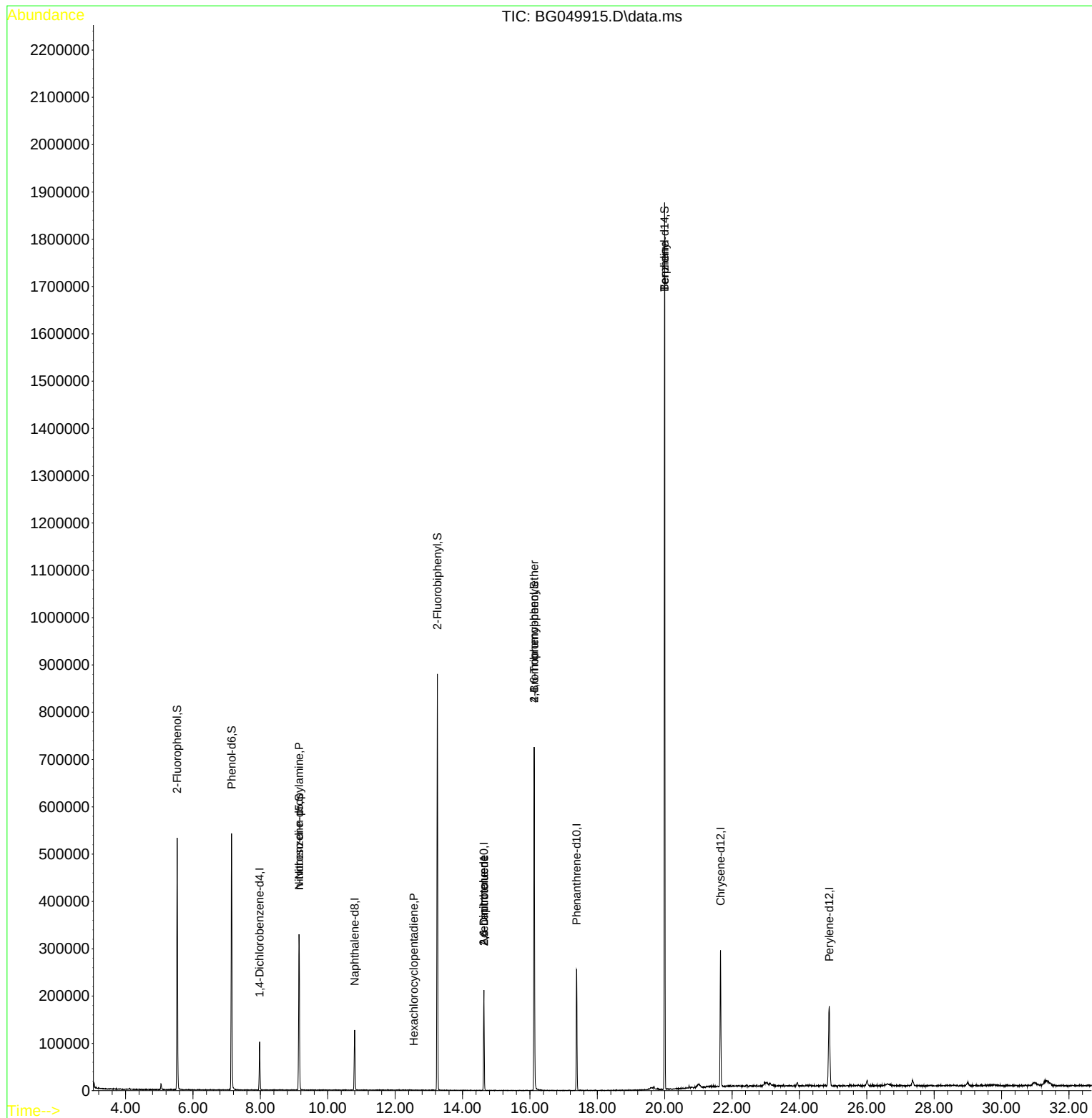
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	27862	20.000	ng	# 0.00
21) Naphthalene-d8	10.798	136	108679	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	72809	20.000	ng	0.00
64) Phenanthrene-d10	17.384	188	164761	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	181858	20.000	ng	0.00
86) Perylene-d12	24.885	264	176948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	220225	141.690	ng	0.00
7) Phenol-d6	7.144	99	289353	122.984	ng	0.00
23) Nitrobenzene-d5	9.148	82	209517	85.310	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	146990	137.349	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	452741	90.480	ng	0.00
79) Terphenyl-d14	19.998	244	887456	88.630	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.148	70	31328	19.898	ng	# 64
41) Hexachlorocyclopentadiene	12.555	237	108	3.630	ng	# 31
51) 2,6-Dinitrotoluene	14.634	165	10293	8.510	ng	# 10
57) 2,4-Dinitrotoluene	14.634	165	10293	6.059	ng	# 15
67) 4-Bromophenyl-phenylether	16.126	248	8987	4.631	ng	# 1
77) Benzidine	19.998	184	18110	3.887	ng	99

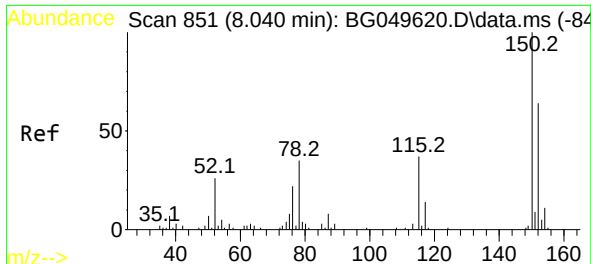
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049915.D
Acq On : 20 Aug 2021 18:39
Operator : CG/JU
Sample : PB138447BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB138447BL

Quant Time: Aug 21 05:18:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 21 05:13:22 2021
Response via : Initial Calibration

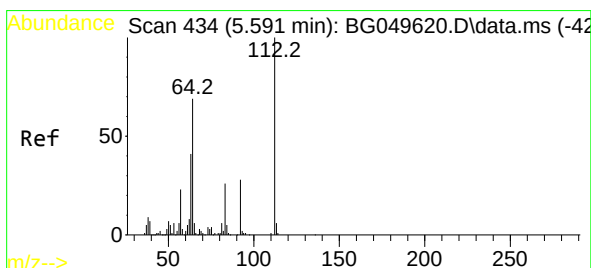
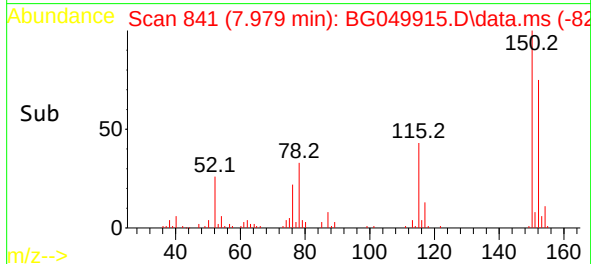
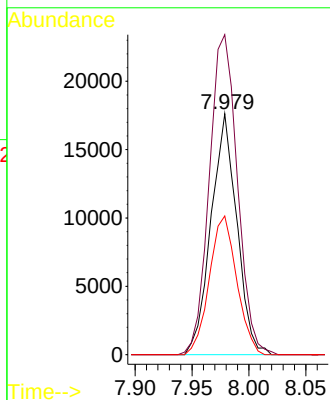
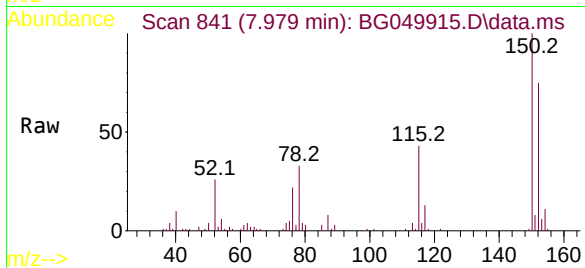




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 841
Delta R.T. 0.002 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

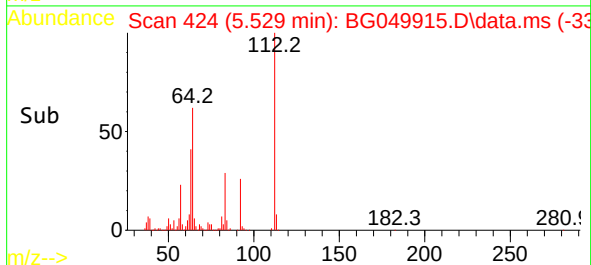
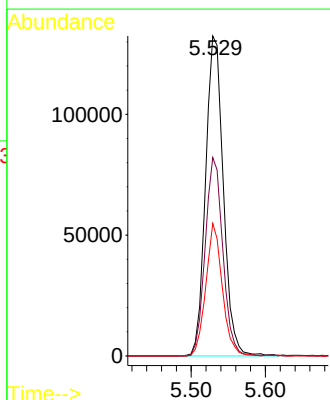
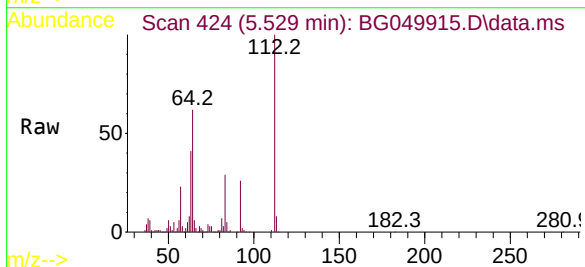
Instrument :
BNA_G
ClientSampleId :
PB138447BL

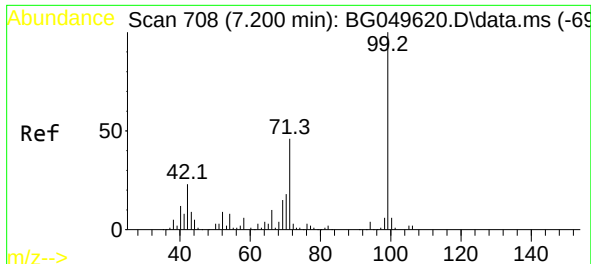
Tgt Ion:152 Resp: 27862
Ion Ratio Lower Upper
152 100
150 132.8 119.4 179.0
115 57.5 60.2 90.4#



#5
2-Fluorophenol
Concen: 141.690 ng
RT: 5.529 min Scan# 424
Delta R.T. 0.002 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

Tgt Ion:112 Resp: 220225
Ion Ratio Lower Upper
112 100
64 62.0 46.7 70.1
63 41.4 35.3 52.9

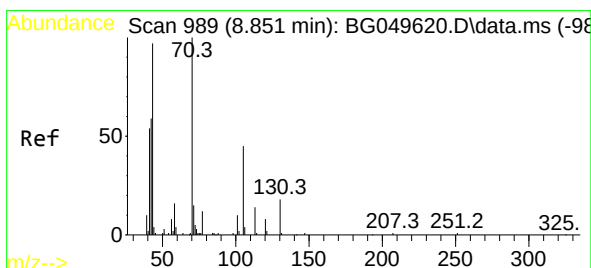
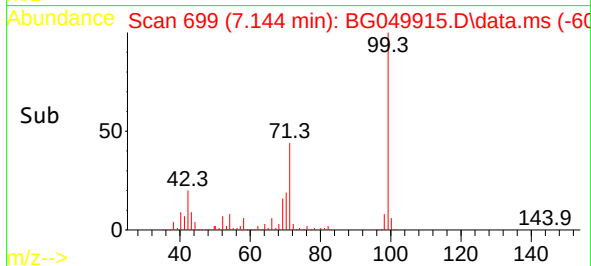
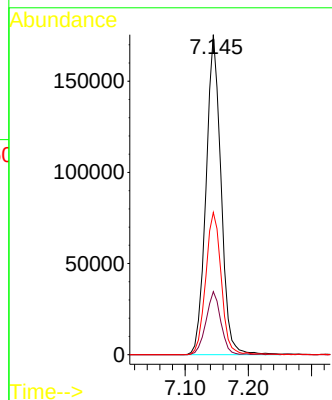
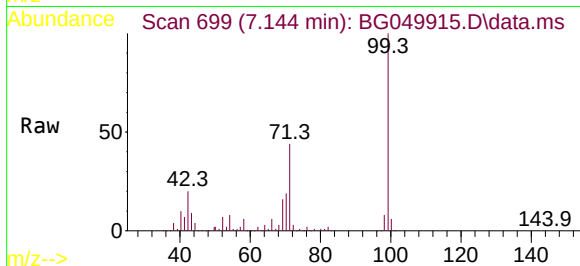




#7
Phenol-d6
Concen: 122.984 ng
RT: 7.144 min Scan# 699
Delta R.T. 0.002 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

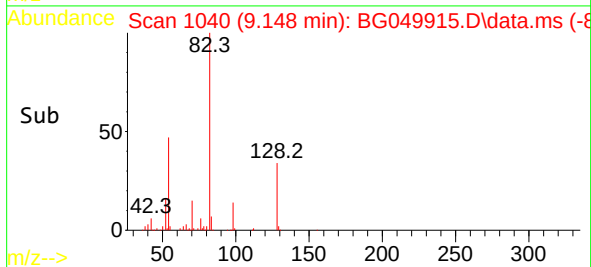
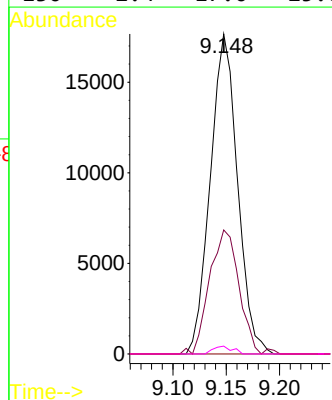
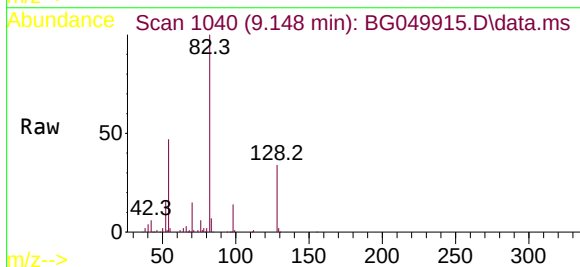
Instrument :
BNA_G
ClientSampleId :
PB138447BL

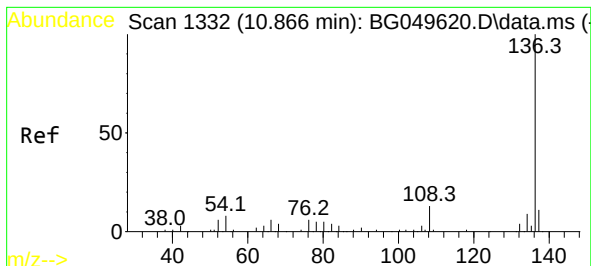
Tgt Ion: 99 Resp: 289353
Ion Ratio Lower Upper
99 100
42 19.7 20.5 30.7#
71 44.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.898 ng
RT: 9.148 min Scan# 1040
Delta R.T. 0.360 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

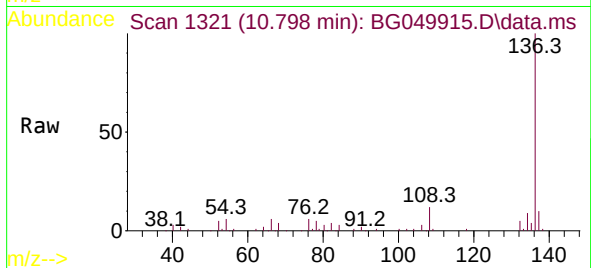
Tgt Ion: 70 Resp: 31328
Ion Ratio Lower Upper
70 100
42 38.8 54.5 81.7#
101 0.0 9.0 13.6#
130 2.4 17.0 25.6#



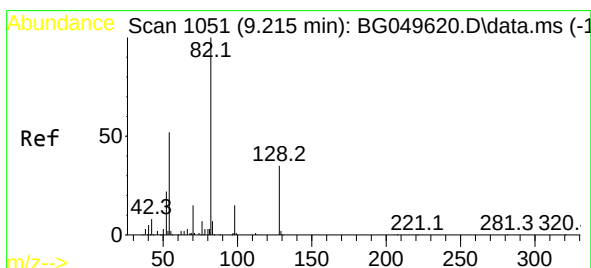
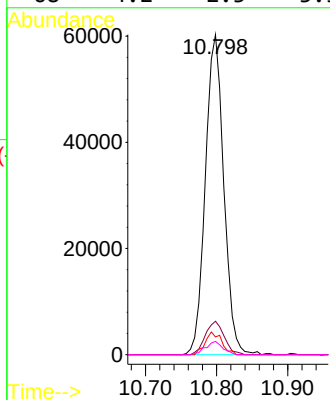
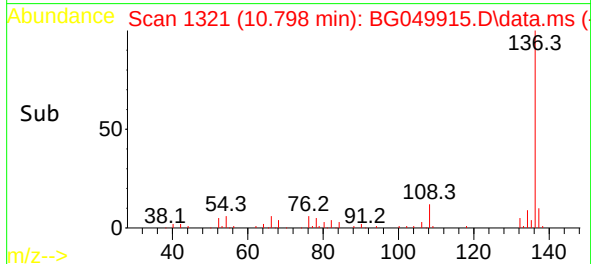


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1321
Delta R.T. 0.002 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

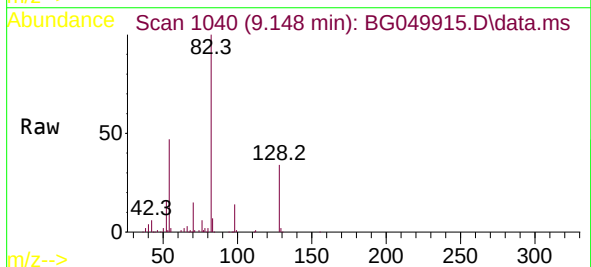
Instrument :
BNA_G
ClientSampleId :
PB138447BL



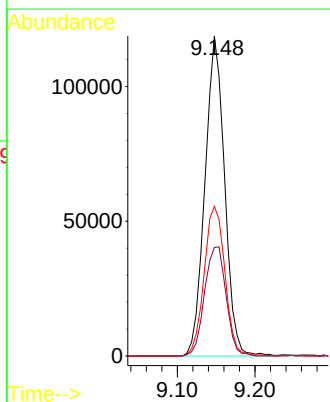
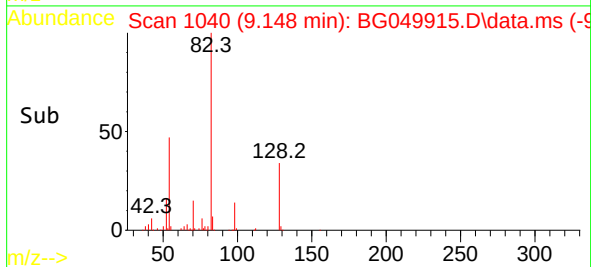
Tgt Ion:136 Resp: 108679
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 5.5 5.5 8.3
68 4.2 2.3 3.5#

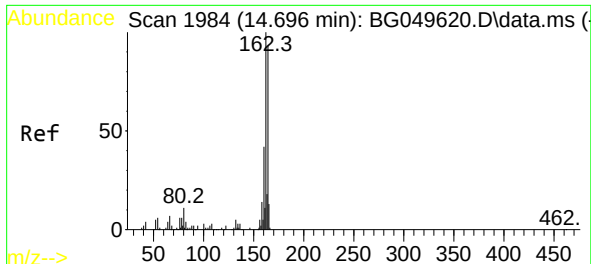


#23
Nitrobenzene-d5
Concen: 85.310 ng
RT: 9.148 min Scan# 1040
Delta R.T. -0.004 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39



Tgt Ion: 82 Resp: 209517
Ion Ratio Lower Upper
82 100
128 33.9 29.8 44.6
54 46.7 45.8 68.8

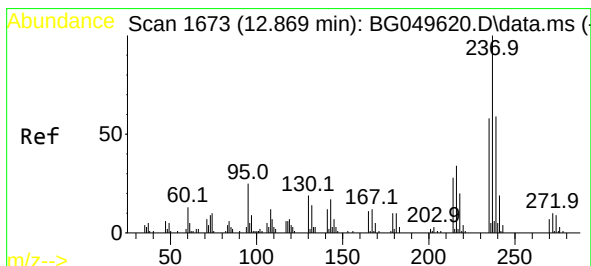
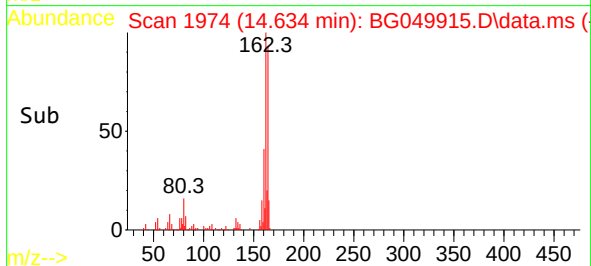
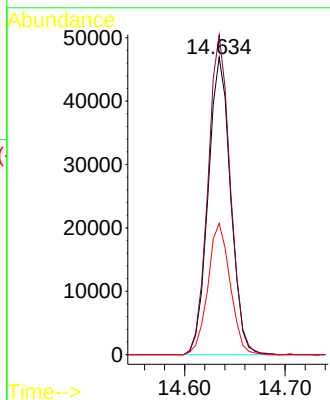
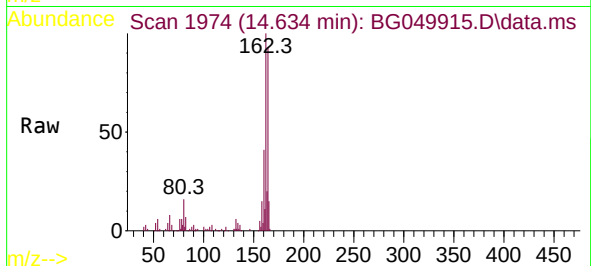




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

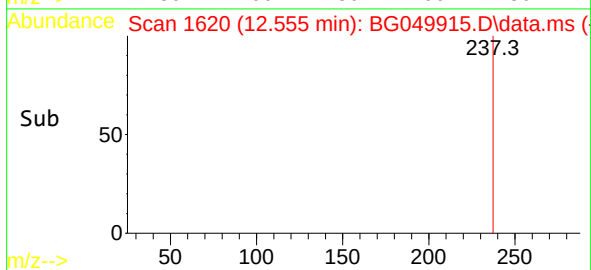
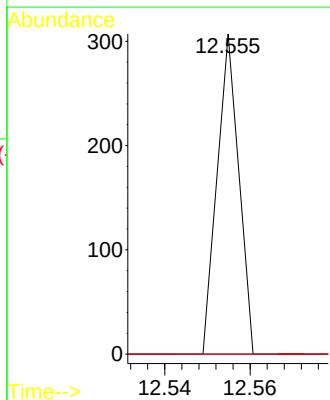
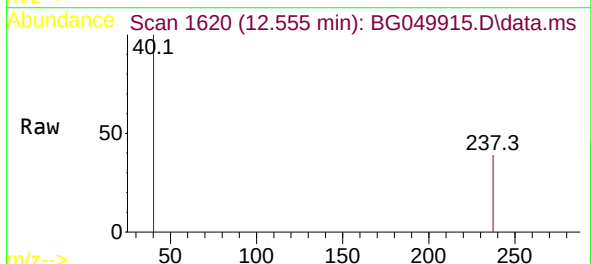
Instrument :
BNA_G
ClientSampleId :
PB138447BL

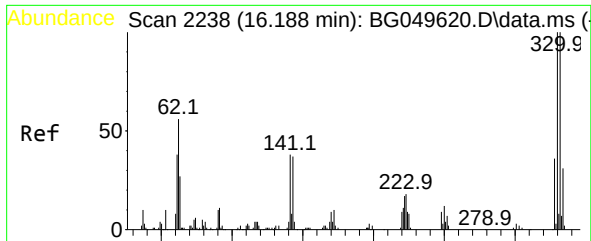
Tgt Ion:164 Resp: 72809
Ion Ratio Lower Upper
164 100
162 107.6 81.4 122.0
160 44.1 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 3.630 ng
RT: 12.555 min Scan# 1620
Delta R.T. -0.245 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

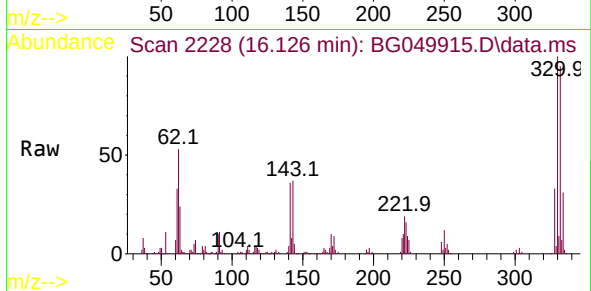
Tgt Ion:237 Resp: 108
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



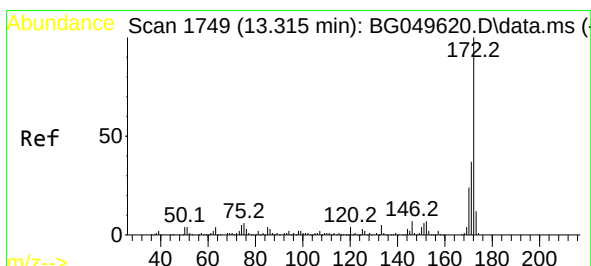
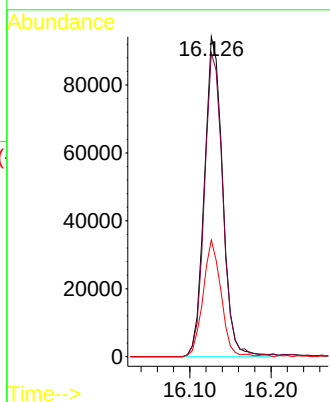
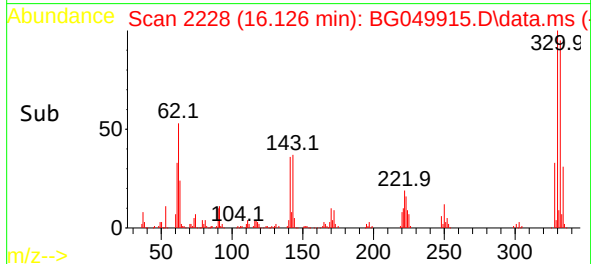


#42
2,4,6-Tribromophenol
Concen: 137.349 ng
RT: 16.126 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

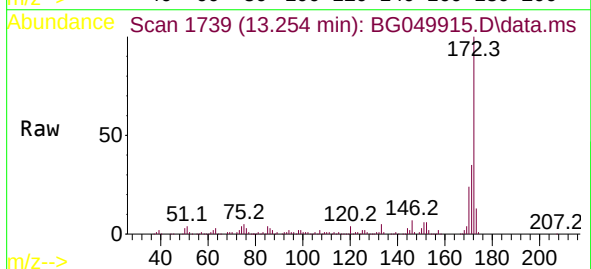
Instrument :
BNA_G
ClientSampleId :
PB138447BL



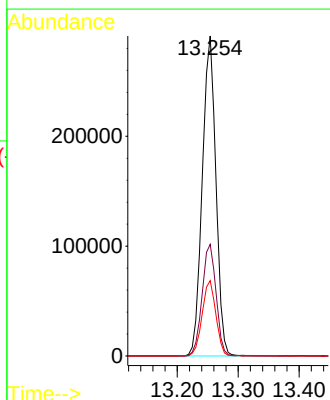
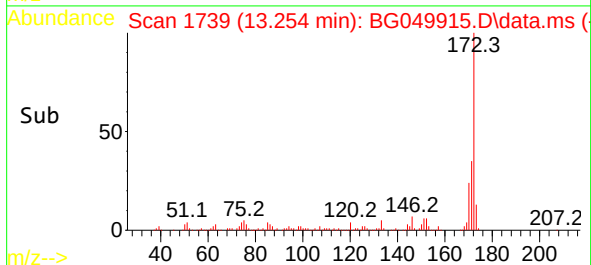
Tgt Ion:330 Resp: 146990
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 35.7 35.6 53.4

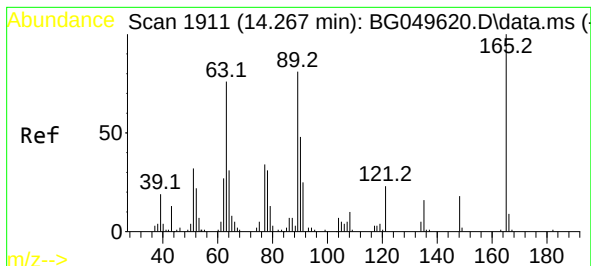


#45
2-Fluorobiphenyl
Concen: 90.480 ng
RT: 13.254 min Scan# 1739
Delta R.T. 0.002 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39



Tgt Ion:172 Resp: 452741
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.6 18.6 27.8

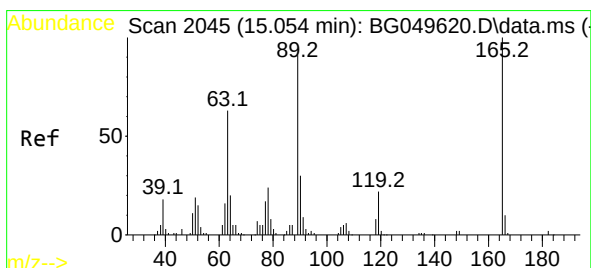
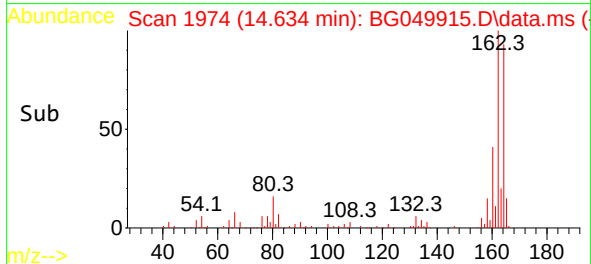
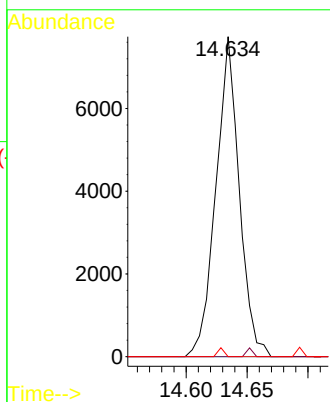
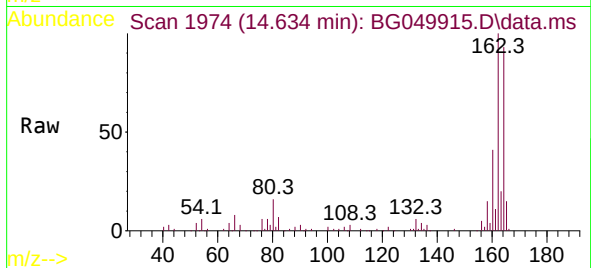




#51
2,6-Dinitrotoluene
Concen: 8.510 ng
RT: 14.634 min Scan# 1974
Delta R.T. 0.425 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

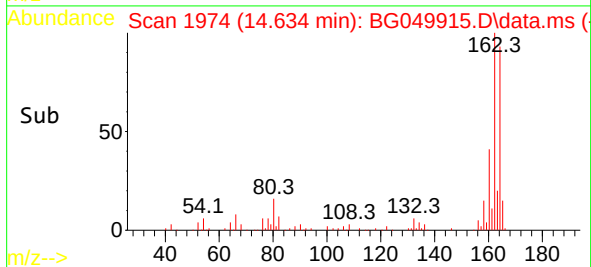
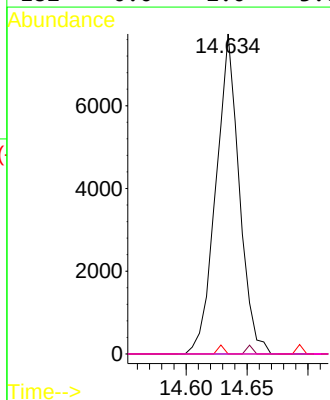
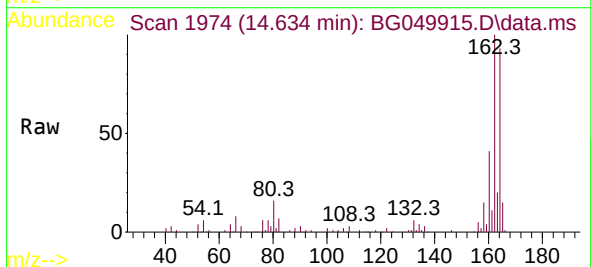
Instrument :
BNA_G
ClientSampleId :
PB138447BL

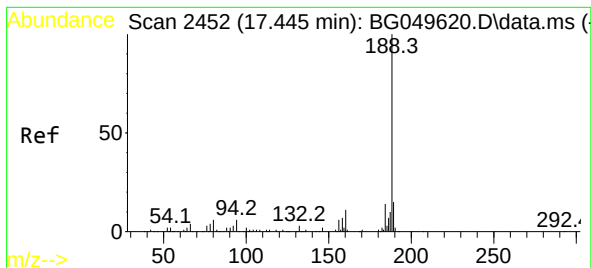
Tgt Ion:165 Resp: 10293
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.059 ng
RT: 14.634 min Scan# 1974
Delta R.T. -0.369 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

Tgt Ion:165 Resp: 10293
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#

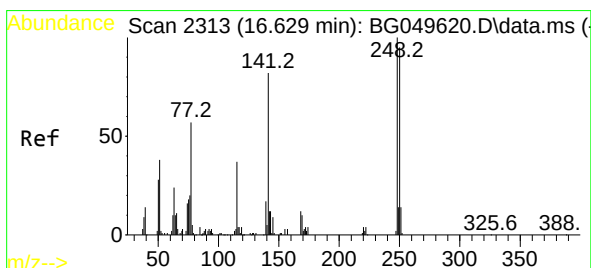
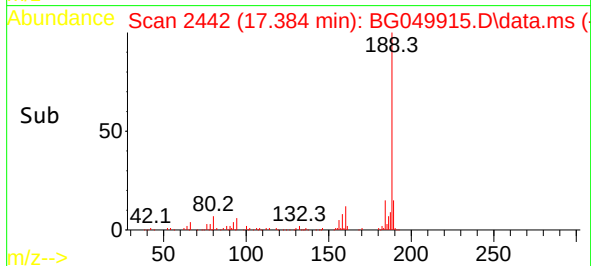
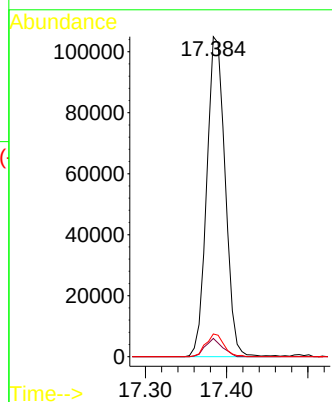
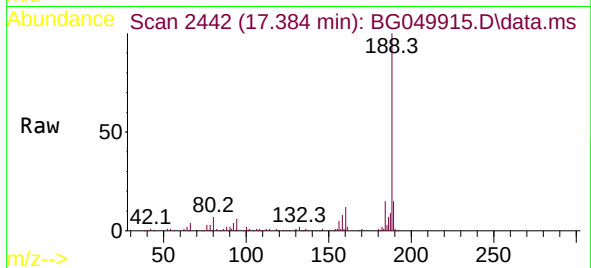




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.384 min Scan# 2442
Delta R.T. -0.004 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

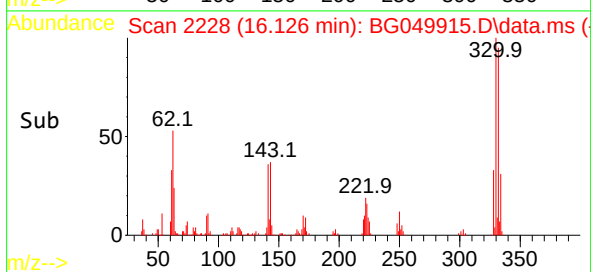
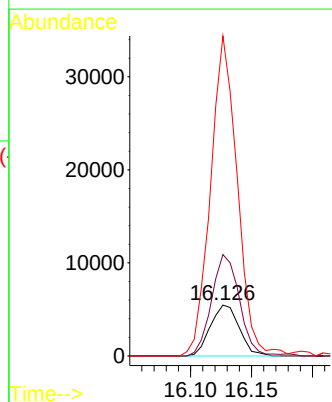
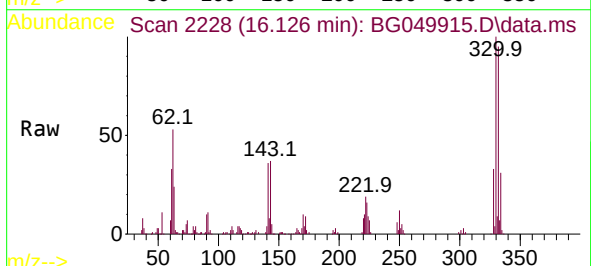
Instrument :
BNA_G
ClientSampleId :
PB138447BL

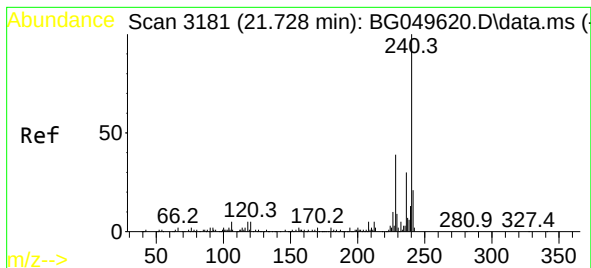
Tgt Ion:188 Resp: 164761
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 7.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.631 ng
RT: 16.126 min Scan# 2228
Delta R.T. -0.445 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

Tgt Ion:248 Resp: 8987
Ion Ratio Lower Upper
248 100
250 199.5 76.1 114.1#
141 628.9 65.4 98.2#

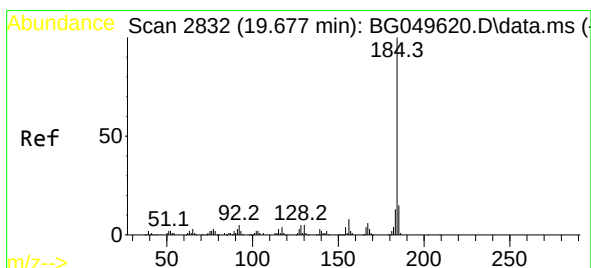
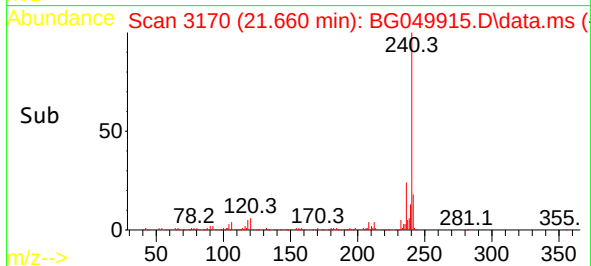
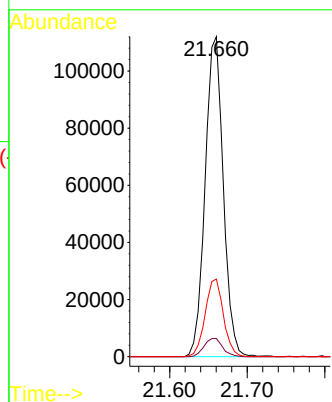
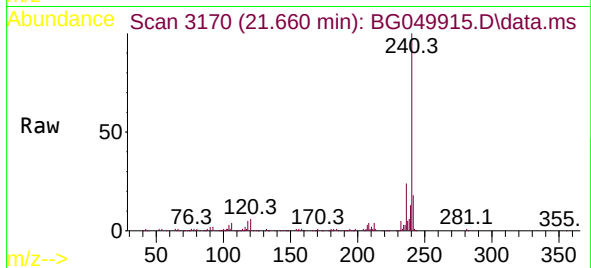




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3170
Delta R.T. 0.002 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

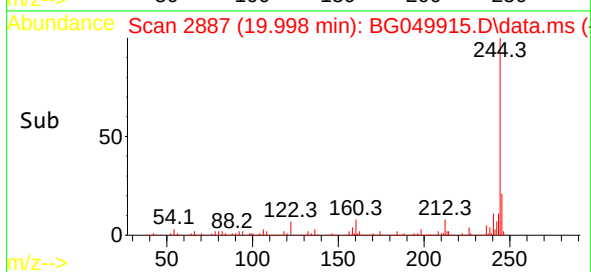
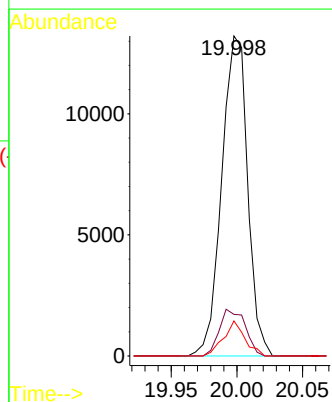
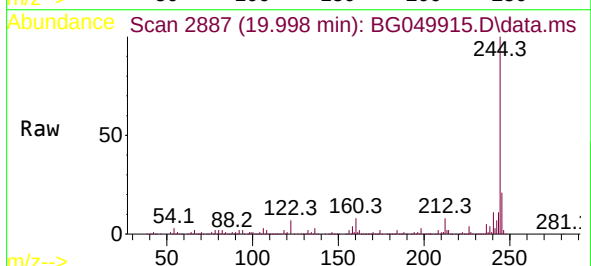
Instrument :
BNA_G
ClientSampleId :
PB138447BL

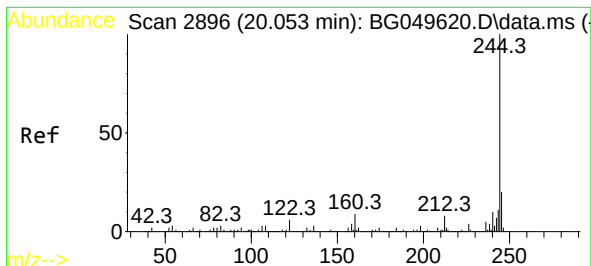
Tgt Ion:240 Resp: 181858
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 24.2 21.8 32.6



#77
Benzidine
Concen: 3.887 ng
RT: 19.998 min Scan# 2887
Delta R.T. 0.378 min
Lab File: BG049915.D
Acq: 20 Aug 2021 18:39

Tgt Ion:184 Resp: 18110
Ion Ratio Lower Upper
184 100
185 13.0 10.7 16.1
183 11.0 9.4 14.0

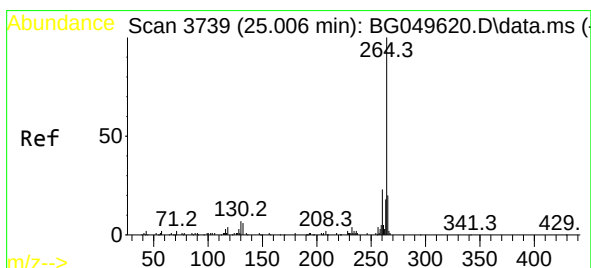
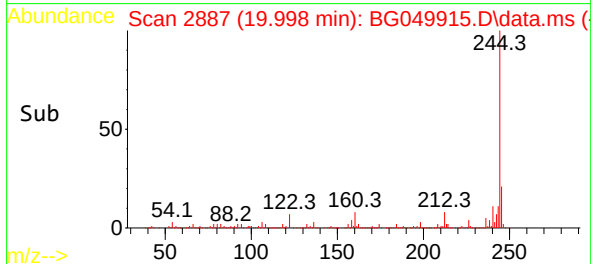
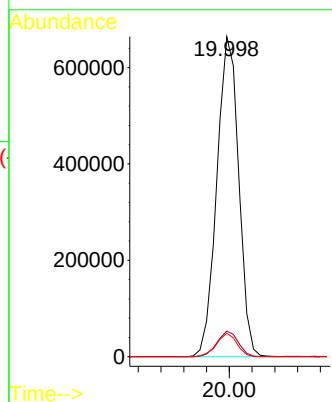
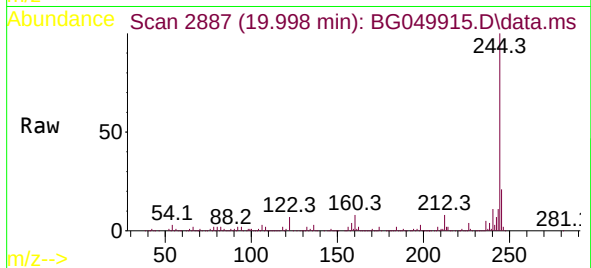




#79
 Terphenyl-d14
 Concen: 88.630 ng
 RT: 19.998 min Scan# 2887
 Delta R.T. 0.002 min
 Lab File: BG049915.D
 Acq: 20 Aug 2021 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB138447BL

Tgt Ion:244 Resp: 887456
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 7.3 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.885 min Scan# 3719
 Delta R.T. 0.002 min
 Lab File: BG049915.D
 Acq: 20 Aug 2021 18:39

Tgt Ion:264 Resp: 176948
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 20.3 16.9 25.3

