

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020921\
 Data File : BG048122.D
 Acq On : 9 Feb 2021 15:00
 Operator : CG/JU
 Sample : M1337-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLASSIC BH 01 2-4

Quant Time: Feb 09 15:46:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 09 14:29:17 2021
 Response via : Initial Calibration

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

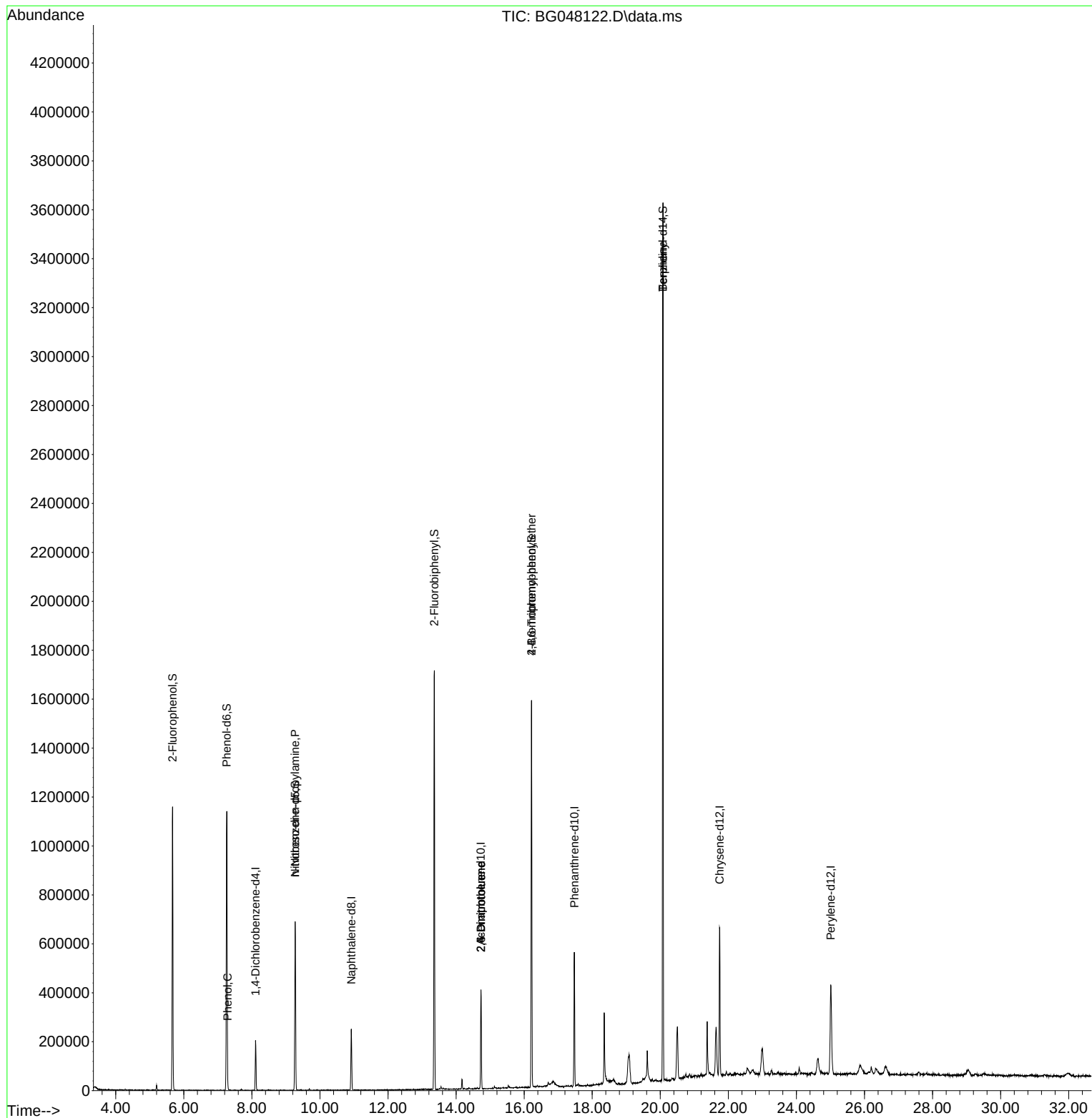
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	52907	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	195077	20.00	ng	0.00
39) Acenaphthene-d10	14.731	164	140599	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	345127	20.00	ng	# 0.00
76) Chrysene-d12	21.747	240	387275	20.00	ng	# 0.00
86) Perylene-d12	25.007	264	402144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	446514	129.70	ng	0.00
7) Phenol-d6	7.263	99	611492	116.83	ng	0.00
23) Nitrobenzene-d5	9.273	82	421487	85.49	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	299917	128.07	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	868805	79.89	ng	0.00
79) Terphenyl-d14	20.078	244	1514709	67.81	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.287	94	10298	2.05	ng	# 48
19) n-Nitroso-di-n-propyla...	9.273	70	61782	16.17	ng	# 74
51) 2,6-Dinitrotoluene	14.737	165	17752	6.71	ng	# 36
57) 2,4-Dinitrotoluene	14.737	165	17752	4.65	ng	# 34
67) 4-Bromophenyl-phenylether	16.218	248	22333	4.84	ng	# 1
77) Benzidine	20.078	184	29153	2.61	ng	# 96

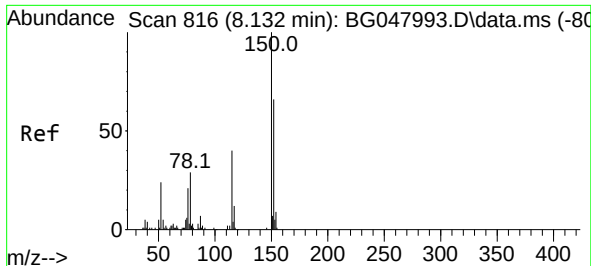
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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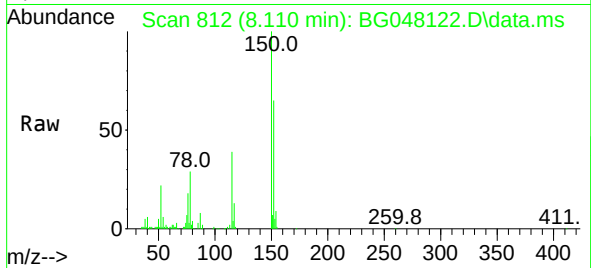
Quant Time: Feb 09 15:46:02 2021
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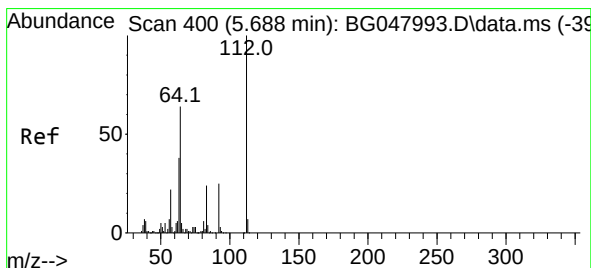
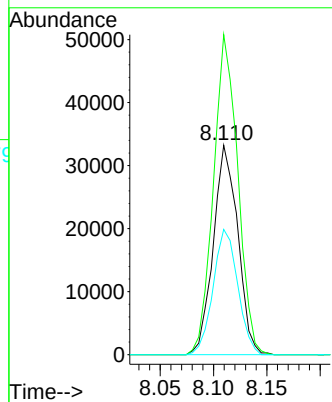
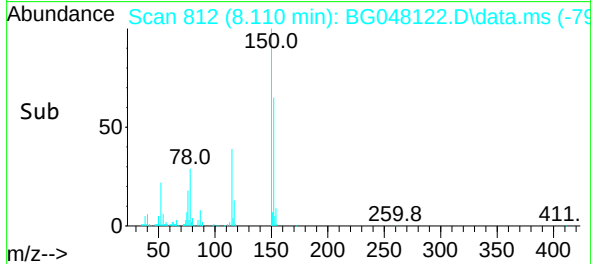


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 812
Delta R.T. -0.004 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

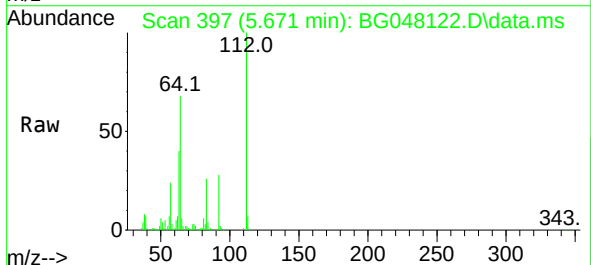
Instrument :
BNA_G
ClientSampleId :
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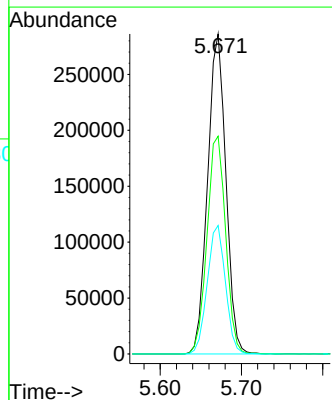
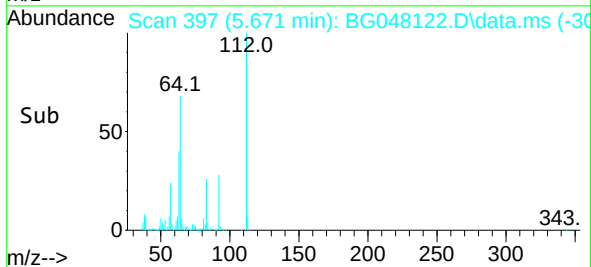
Tgt Ion:152 Resp: 52907
Ion Ratio Lower Upper
152 100
150 152.8 125.0 187.6
115 59.8 41.8 62.6

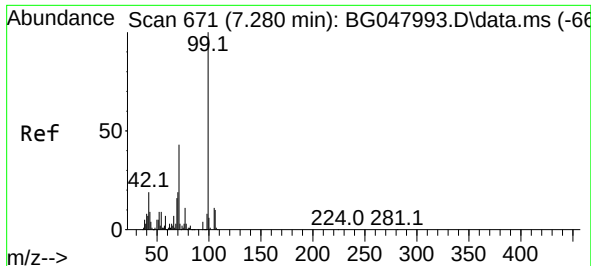


#5
2-Fluorophenol
Concen: 129.70 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.007 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00



Tgt Ion:112 Resp: 446514
Ion Ratio Lower Upper
112 100
64 68.0 46.7 70.1
63 40.2 22.8 34.2#

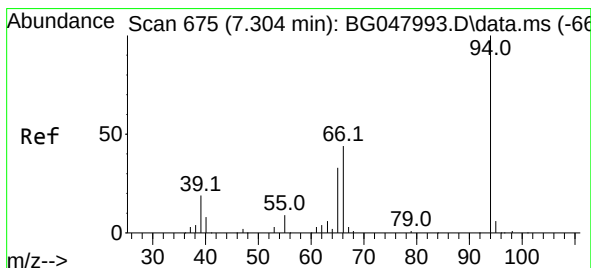
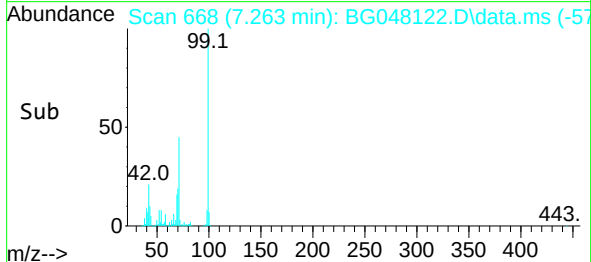
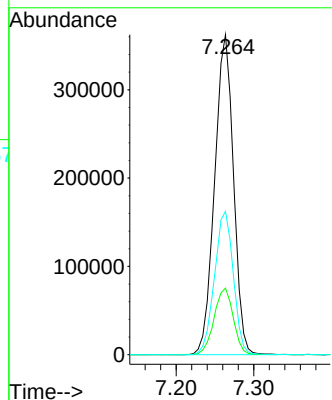
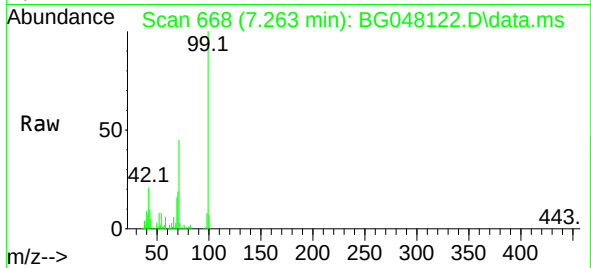




#7
Phenol-d6
Concen: 116.83 ng
RT: 7.263 min Scan# 668
Delta R.T. 0.001 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

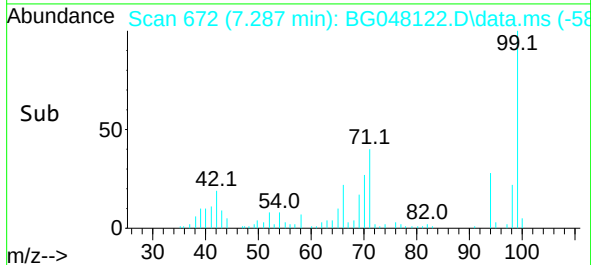
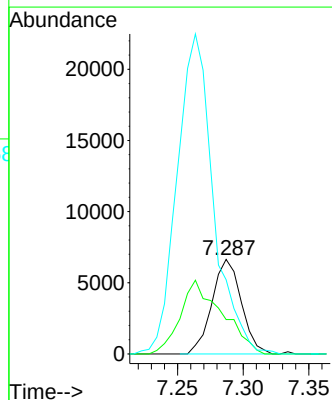
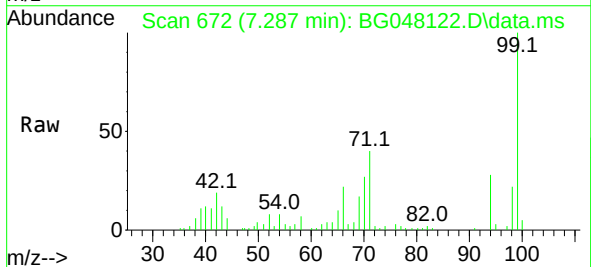
Instrument :
BNA_G
ClientSampleId :
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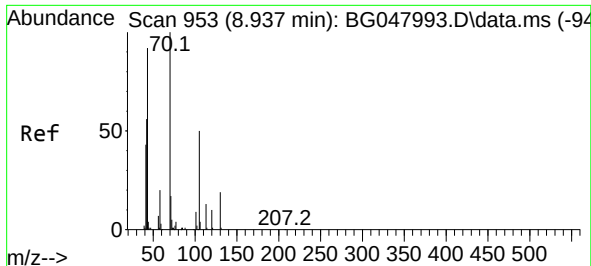
Tgt Ion: 99 Resp: 611492
Ion Ratio Lower Upper
99 100
42 20.8 12.8 19.2#
71 44.8 24.6 36.8#



#10
Phenol
Concen: 2.05 ng
RT: 7.287 min Scan# 672
Delta R.T. 0.001 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

Tgt Ion: 94 Resp: 10298
Ion Ratio Lower Upper
94 100
65 36.3 6.6 46.6
66 78.5 13.9 53.9#

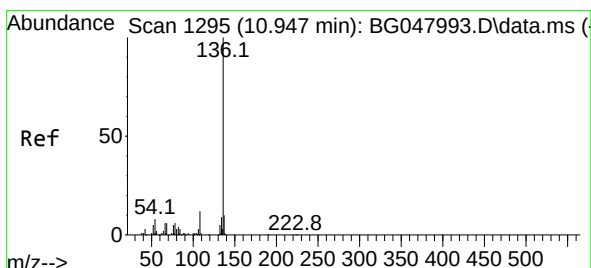
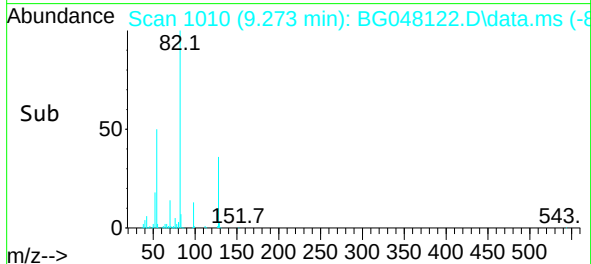
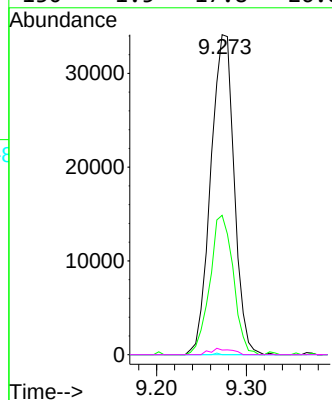
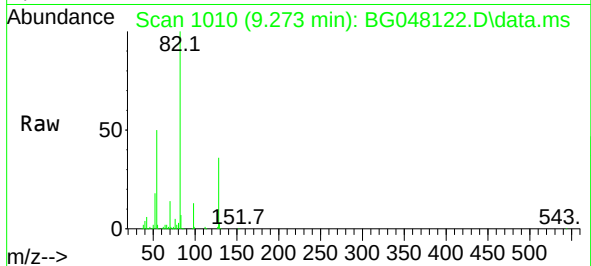




#19
n-Nitroso-di-n-propylamine
Concen: 16.17 ng
RT: 9.273 min Scan# 1010
Delta R.T. 0.360 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

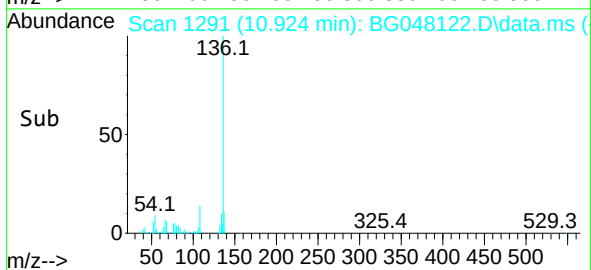
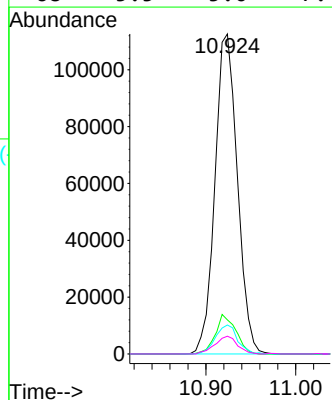
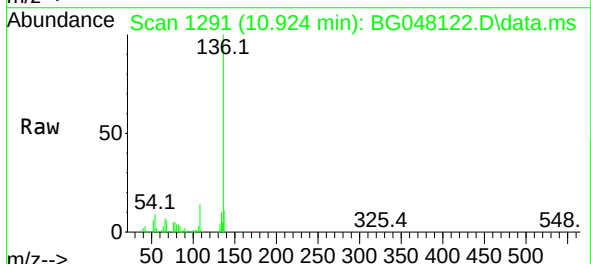
Instrument :
BNA_G
ClientSampleId :
CLASSIC BH 01 2-4

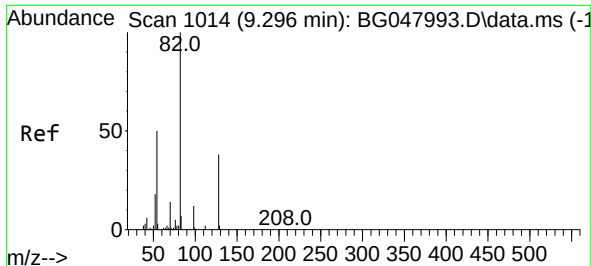
Tgt Ion: 70 Resp: 61782
Ion Ratio Lower Upper
70 100
42 43.5 45.6 68.4#
101 0.0 8.4 12.6#
130 1.5 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

Tgt Ion:136 Resp: 195077
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 9.1 6.2 9.4
68 5.5 5.0 7.4

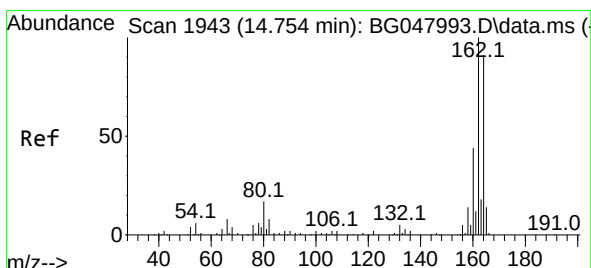
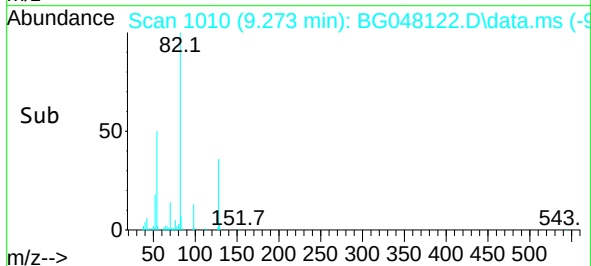
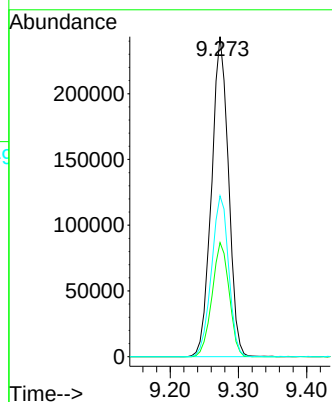
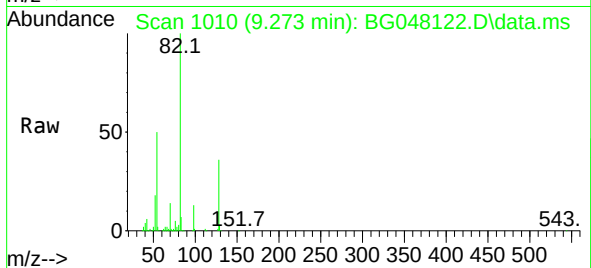




#23
Nitrobenzene-d5
Concen: 85.49 ng
RT: 9.273 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

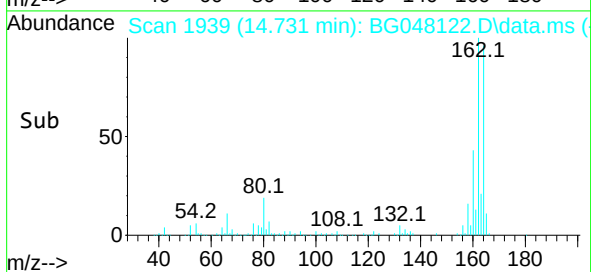
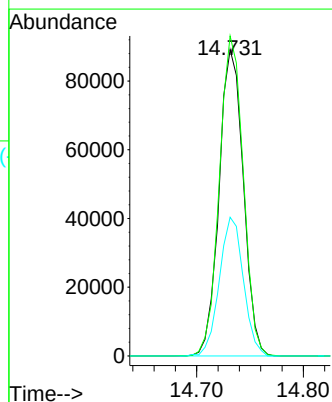
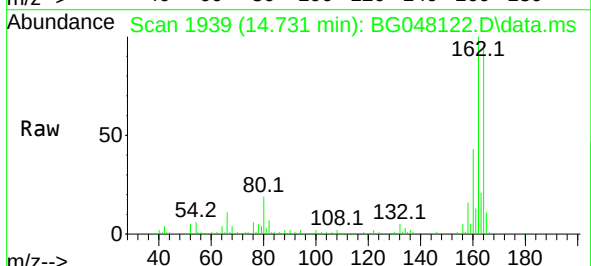
Instrument :
BNA_G
ClientSampleId :
CLASSIC BH 01 2-4

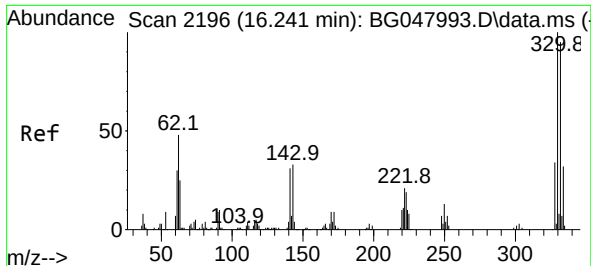
Tgt Ion: 82 Resp: 421487
Ion Ratio Lower Upper
82 100
128 35.7 37.0 55.6#
54 50.2 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

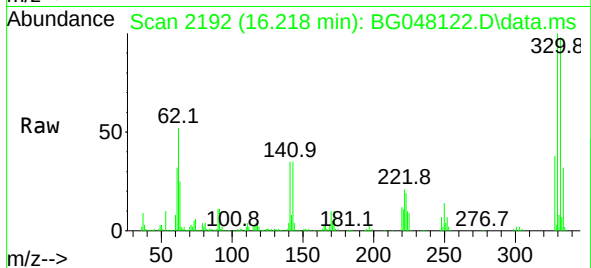
Tgt Ion: 164 Resp: 140599
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 45.3 35.3 52.9



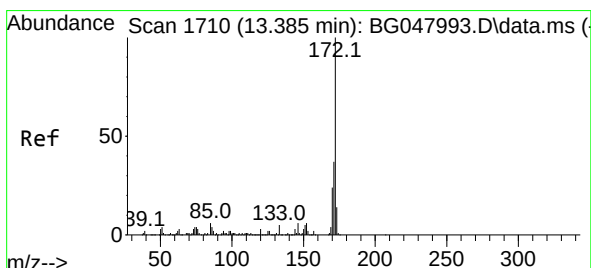
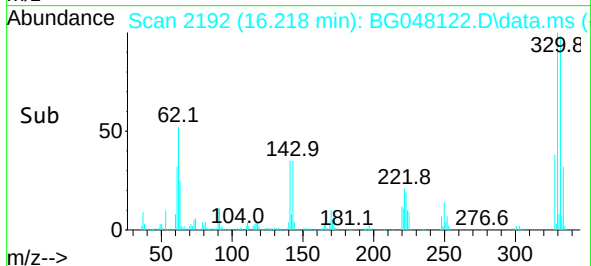
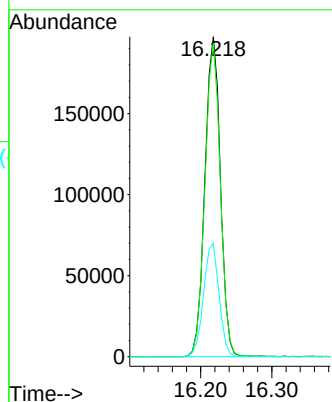


#42
2,4,6-Tribromophenol
Concen: 128.07 ng
RT: 16.218 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

Instrument :
BNA_G
ClientSampleId :
CLASSIC BH 01 2-4

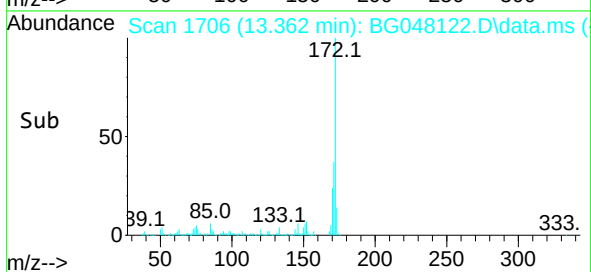
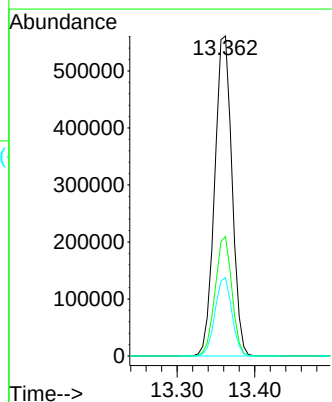
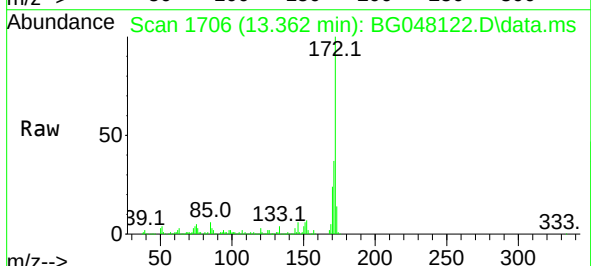


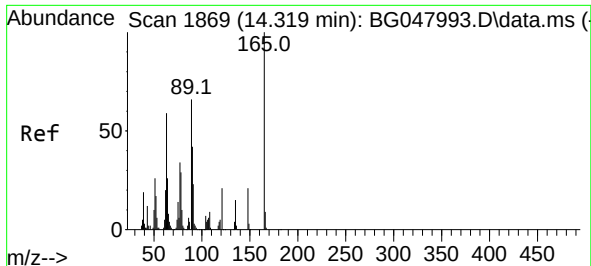
Tgt Ion:330 Resp: 299917
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 35.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 79.89 ng
RT: 13.362 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

Tgt Ion:172 Resp: 868805
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.5 20.8 31.2

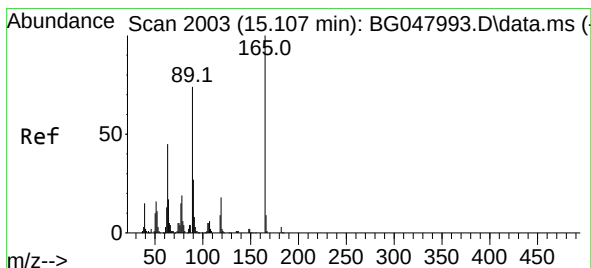
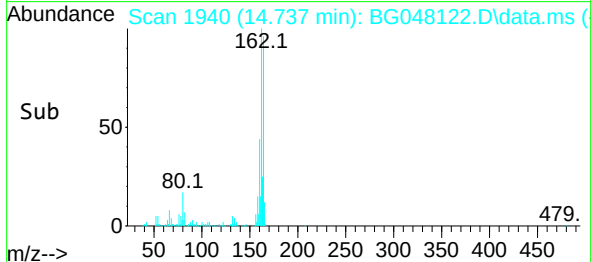
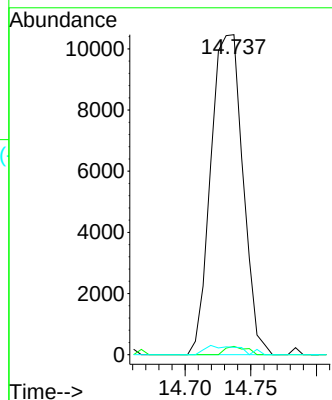
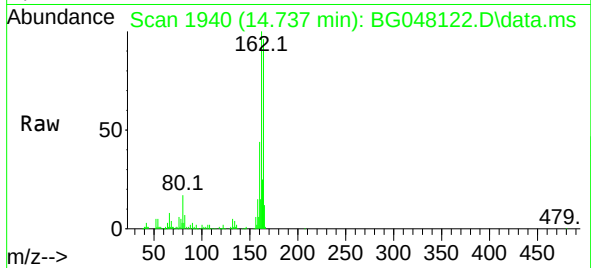




#51
2,6-Dinitrotoluene
Concen: 6.71 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.436 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

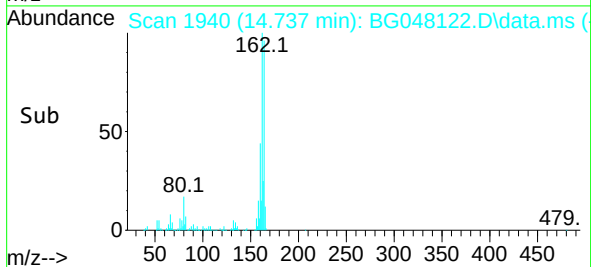
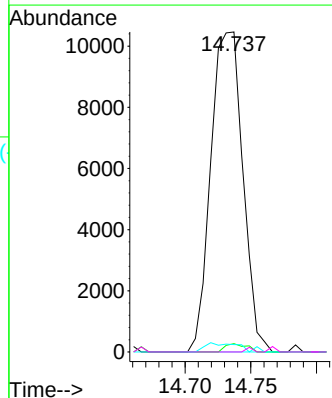
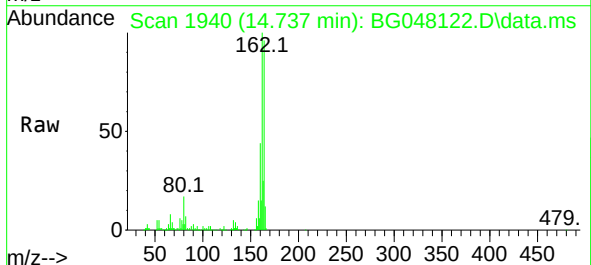
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BNA_G
ClientSampleId :
CLASSIC BH 01 2-4

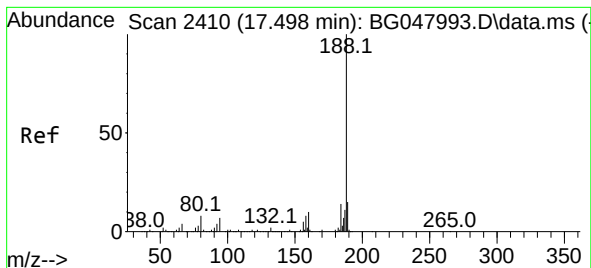
Tgt Ion:165 Resp: 17752
Ion Ratio Lower Upper
165 100
63 2.6 33.7 50.5#
89 2.3 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.65 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.345 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

Tgt Ion:165 Resp: 17752
Ion Ratio Lower Upper
165 100
63 2.6 26.4 39.6#
89 2.3 47.8 71.8#
182 0.0 2.6 4.0#

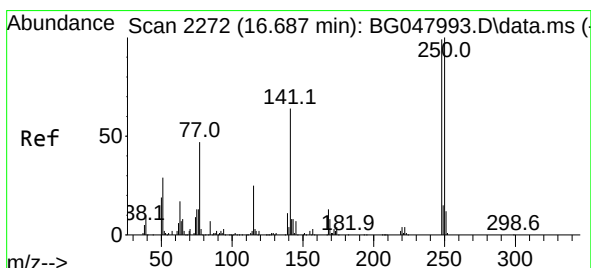
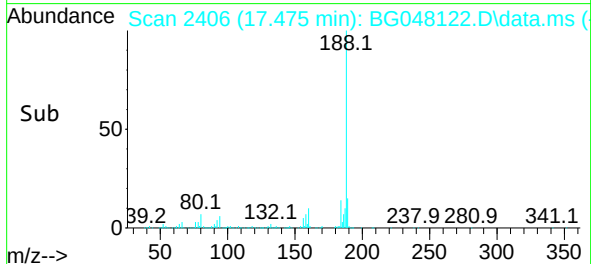
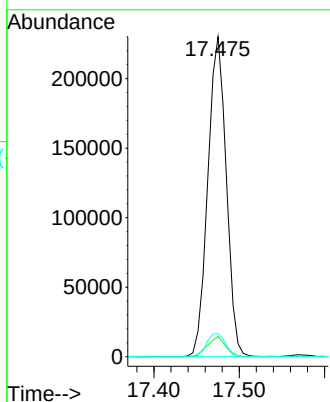
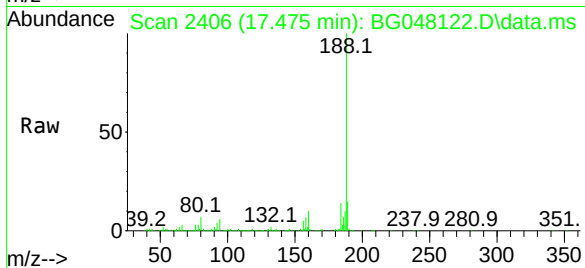




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

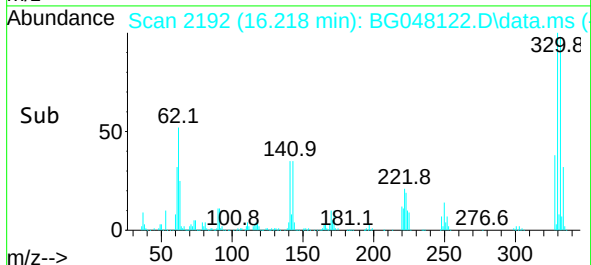
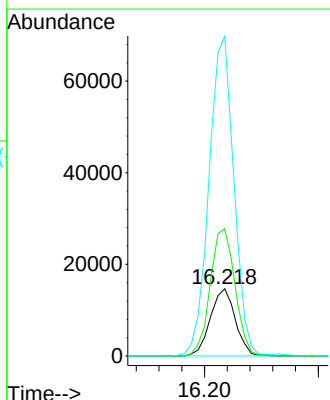
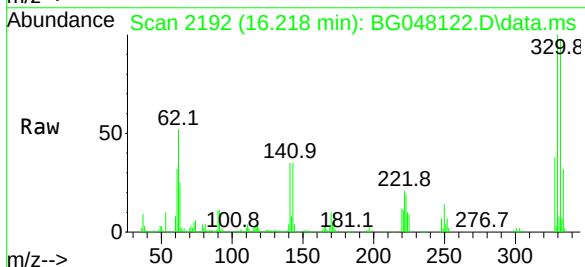
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BNA_G
ClientSampleId :
CLASSIC BH 01 2-4

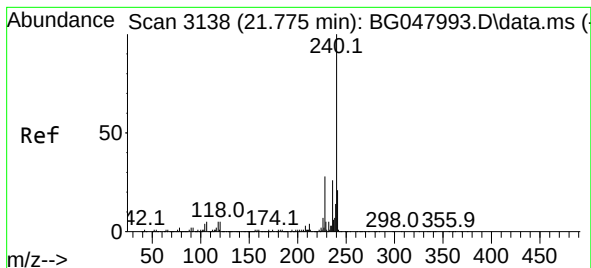
Tgt Ion:188 Resp: 345127
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5#
80 7.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 16.218 min Scan# 2192
Delta R.T. -0.445 min
Lab File: BG048122.D
Acq: 9 Feb 2021 15:00

Tgt Ion:248 Resp: 22333
Ion Ratio Lower Upper
248 100
250 189.3 78.9 118.3#
141 476.0 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.747 min Scan# 3133

Delta R.T. -0.005 min

Lab File: BG048122.D

Acq: 9 Feb 2021 15:00

Instrument :

BNA_G

ClientSampleId :

CLASSIC BH 01 2-4

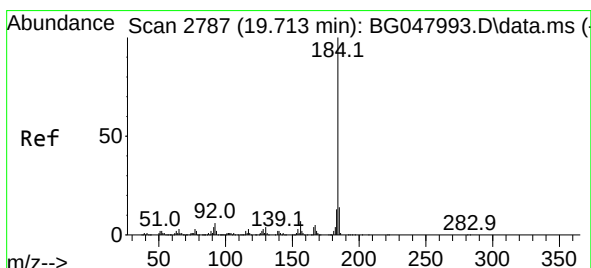
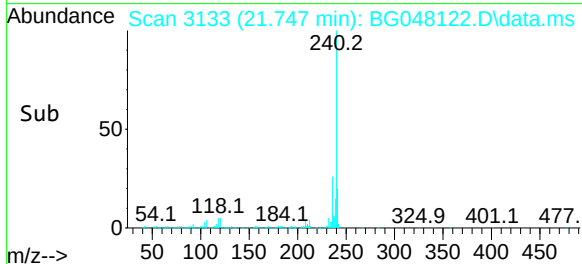
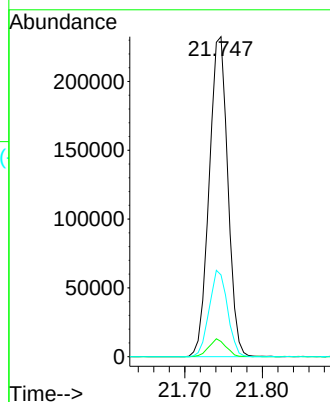
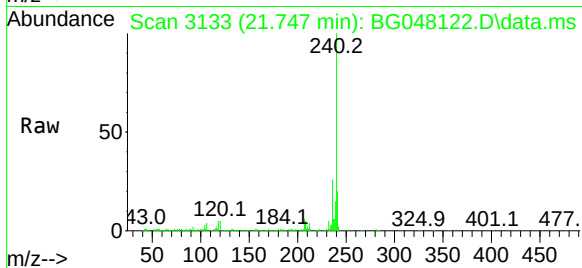
Tgt Ion:240 Resp: 387275

Ion Ratio Lower Upper

240 100

120 4.7 6.2 9.4#

236 25.6 20.5 30.7



#77

Benzidine

Concen: 2.61 ng

RT: 20.078 min Scan# 2849

Delta R.T. 0.383 min

Lab File: BG048122.D

Acq: 9 Feb 2021 15:00

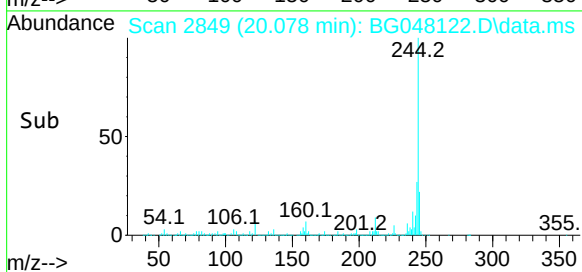
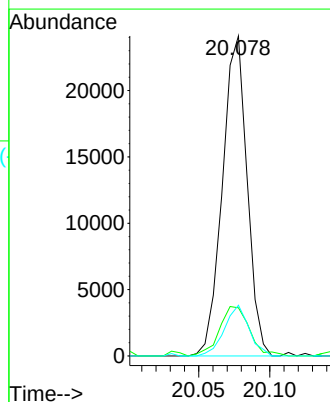
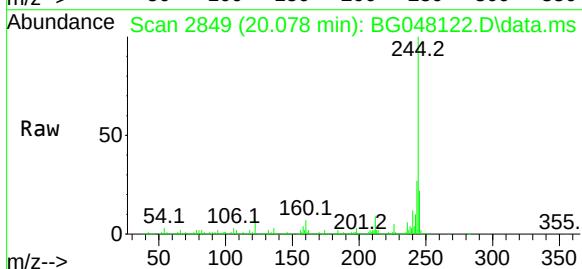
Tgt Ion:184 Resp: 29153

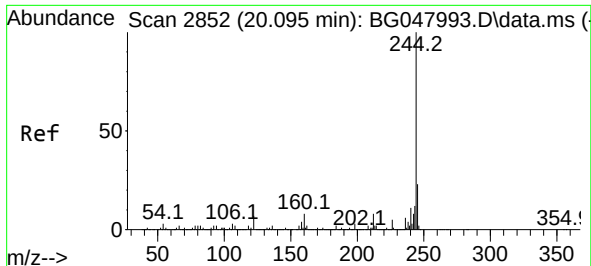
Ion Ratio Lower Upper

184 100

185 15.0 12.4 18.6

183 15.9 10.6 15.8#

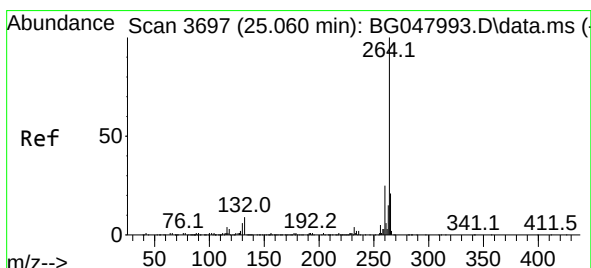
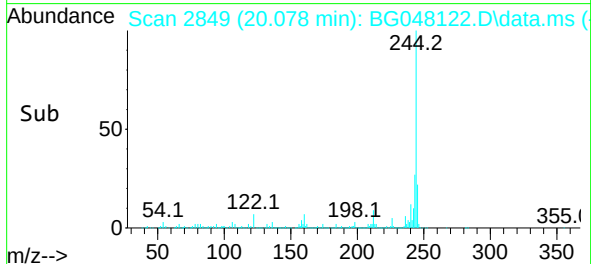
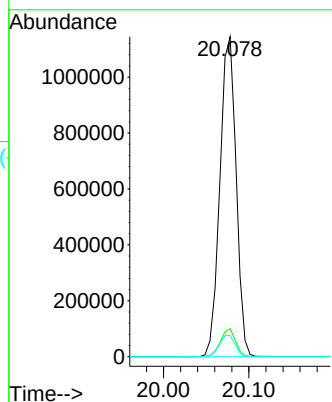
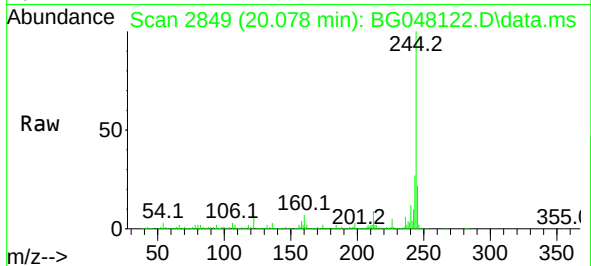




#79
 Terphenyl-d14
 Concen: 67.81 ng
 RT: 20.078 min Scan# 2849
 Delta R.T. 0.001 min
 Lab File: BG048122.D
 Acq: 9 Feb 2021 15:00

Instrument :
 BNA_G
 ClientSampleId :
 CLASSIC BH 01 2-4

Tgt Ion:244 Resp: 1514709
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.7 10.1
 122 6.6 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.007 min Scan# 3688
 Delta R.T. -0.005 min
 Lab File: BG048122.D
 Acq: 9 Feb 2021 15:00

Tgt Ion:264 Resp: 402144
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.8 28.2
 265 21.1 17.8 26.8

