

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
 Data File : BG048058.D
 Acq On : 28 Jan 2021 15:04
 Operator : CG/JU
 Sample : M1252-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SP

Quant Time: Jan 28 15:55:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

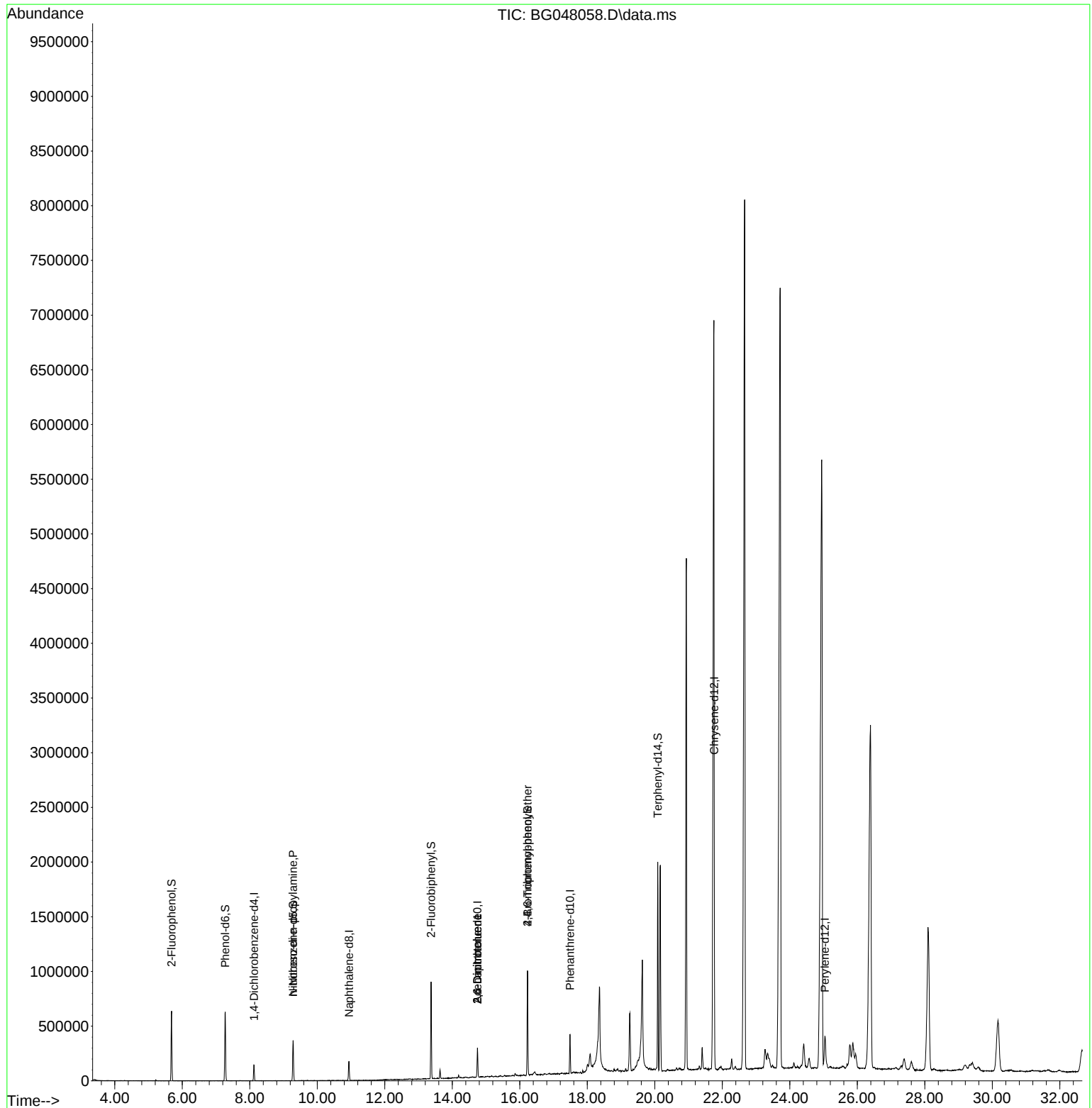
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	38698	20.00	ng	0.00
21) Naphthalene-d8	10.940	136	139485	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	93675	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	235785	20.00	ng	# 0.00
76) Chrysene-d12	21.762	240	313126	20.00	ng	#-0.01
86) Perylene-d12	25.041	264	318945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	254465	101.06	ng	0.00
7) Phenol-d6	7.274	99	340480	88.93	ng	0.00
23) Nitrobenzene-d5	9.283	82	226555	64.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.228	330	178518	114.42	ng	-0.01
45) 2-Fluorobiphenyl	13.372	172	440290	60.77	ng	-0.01
79) Terphenyl-d14	20.088	244	834480	46.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.283	70	32957	11.79	ng	# 75
51) 2,6-Dinitrotoluene	14.747	165	12163	6.90	ng	# 35
57) 2,4-Dinitrotoluene	14.747	165	12163	4.78	ng	# 34
67) 4-Bromophenyl-phenylether	16.228	248	12317	3.91	ng	# 1

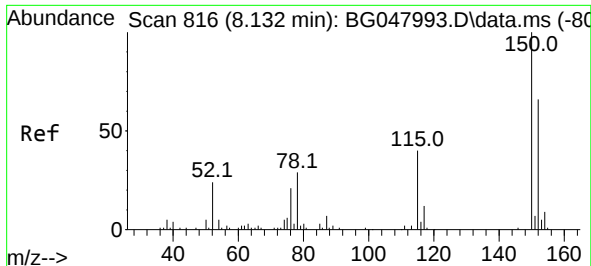
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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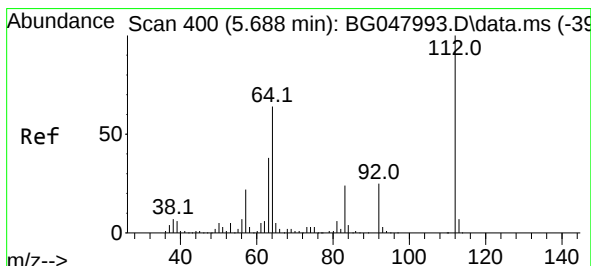
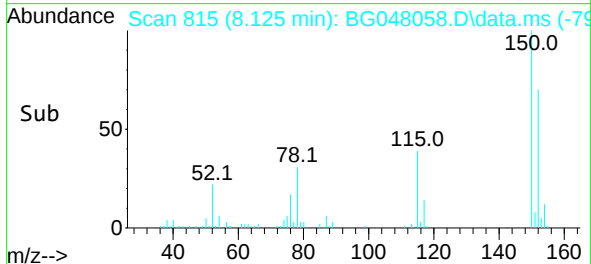
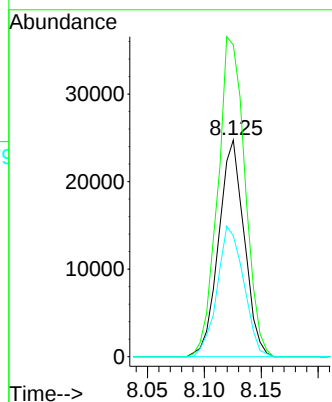
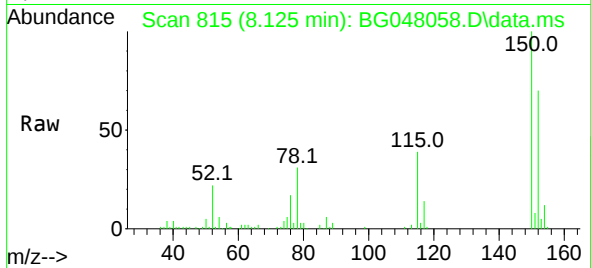




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.125 min Scan# 815
Delta R.T. -0.007 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

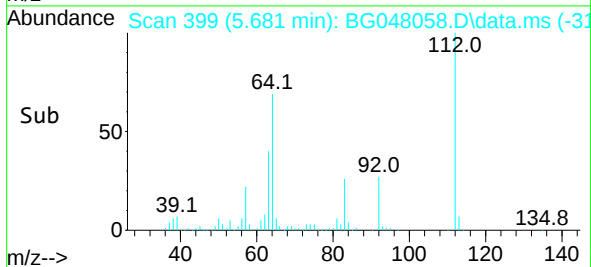
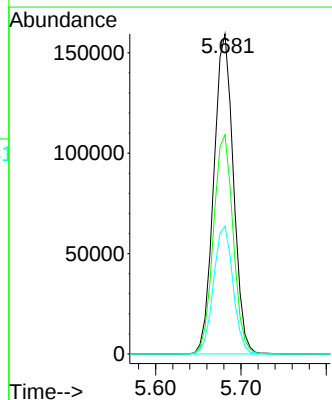
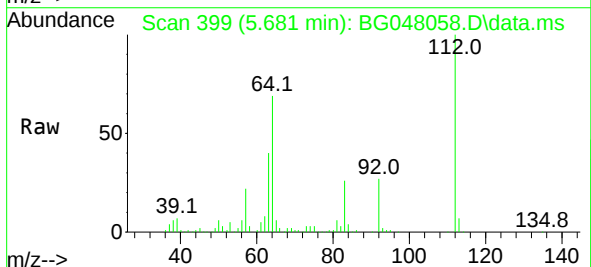
Instrument :
BNA_G
ClientSampleId :
BS-SP

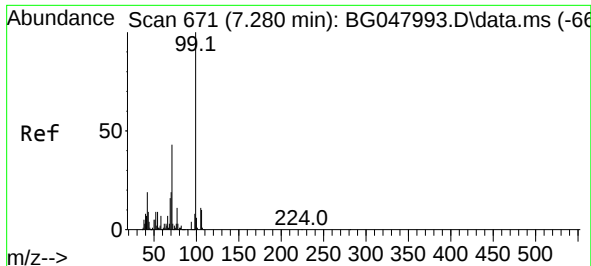
Tgt Ion:152 Resp: 38698
Ion Ratio Lower Upper
152 100
150 143.8 125.0 187.6
115 55.8 41.8 62.6



#5
2-Fluorophenol
Concen: 101.06 ng
RT: 5.681 min Scan# 399
Delta R.T. -0.007 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

Tgt Ion:112 Resp: 254465
Ion Ratio Lower Upper
112 100
64 68.5 46.7 70.1
63 39.9 22.8 34.2#

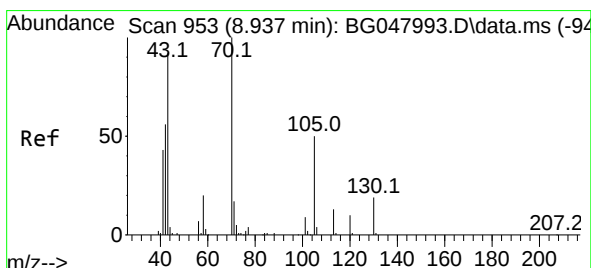
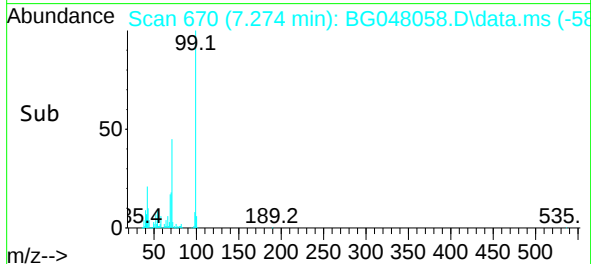
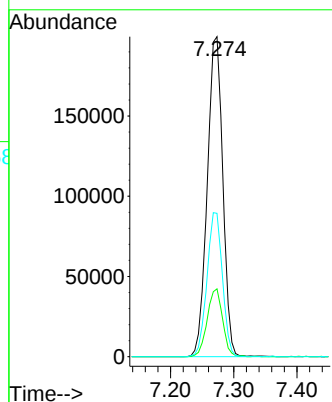
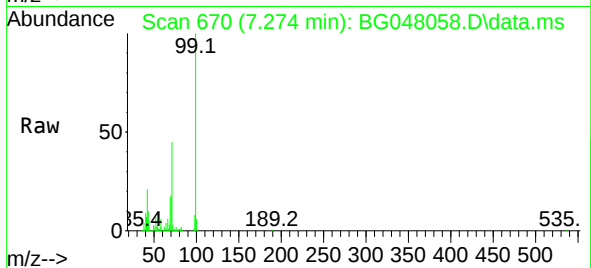




#7
Phenol-d6
Concen: 88.93 ng
RT: 7.274 min Scan# 670
Delta R.T. -0.007 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

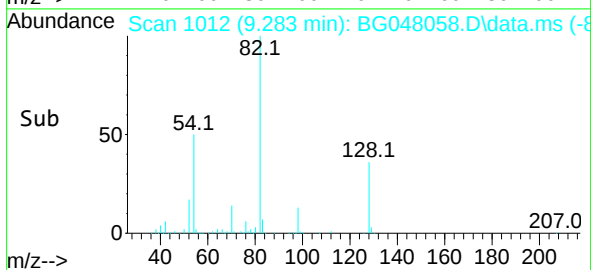
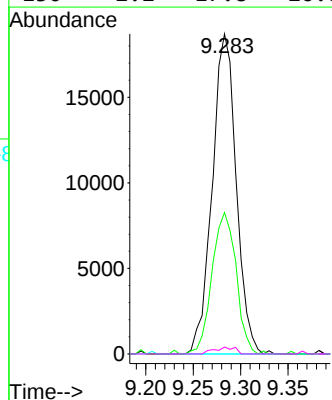
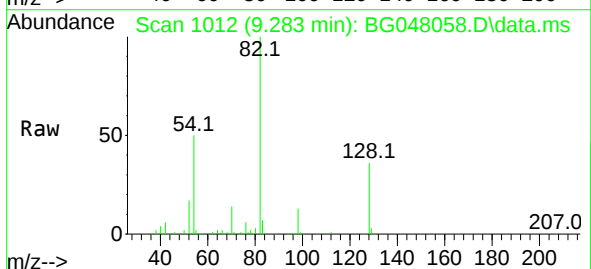
Instrument :
BNA_G
ClientSampleId :
BS-SP

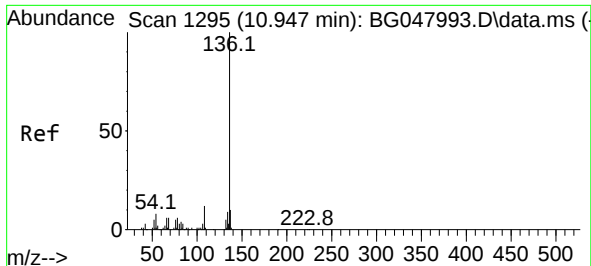
Tgt Ion: 99 Resp: 340480
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 44.8 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 11.79 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.346 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

Tgt Ion: 70 Resp: 32957
Ion Ratio Lower Upper
70 100
42 44.2 45.6 68.4#
101 0.0 8.4 12.6#
130 2.2 17.8 26.8#

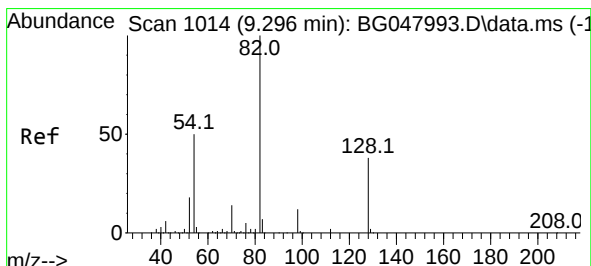
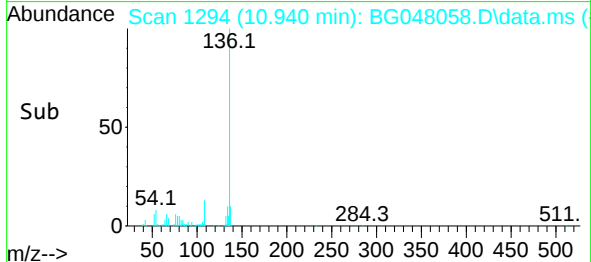
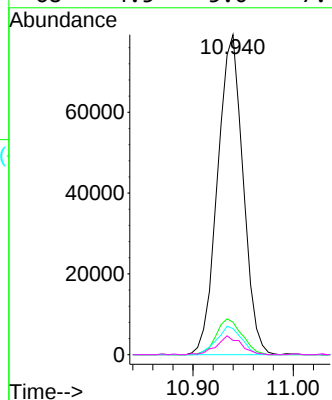
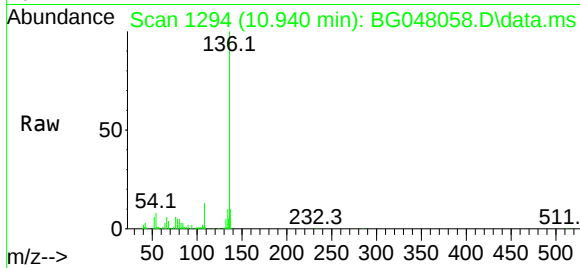




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.940 min Scan# 1294
Delta R.T. -0.007 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

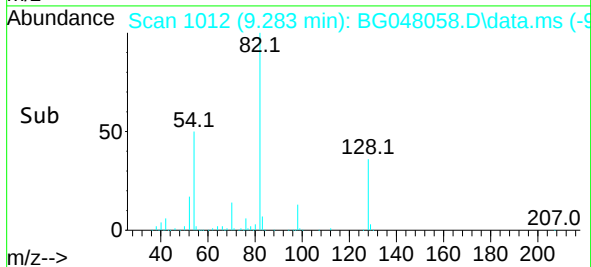
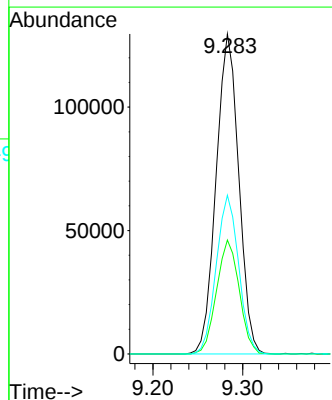
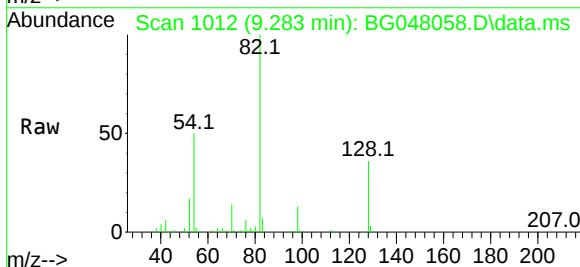
Instrument :
BNA_G
ClientSampleId :
BS-SP

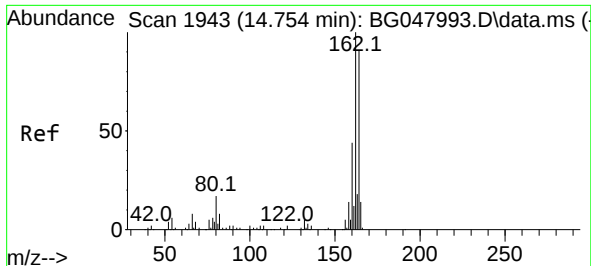
Tgt Ion:	136	Resp:	139485
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.1	13.7
54	8.2	6.2	9.4
68	4.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 64.27 ng
RT: 9.283 min Scan# 1012
Delta R.T. -0.013 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

Tgt Ion:	82	Resp:	226555
Ion Ratio	Lower	Upper	
82	100		
128	35.6	37.0	55.6
54	49.6	39.0	58.4

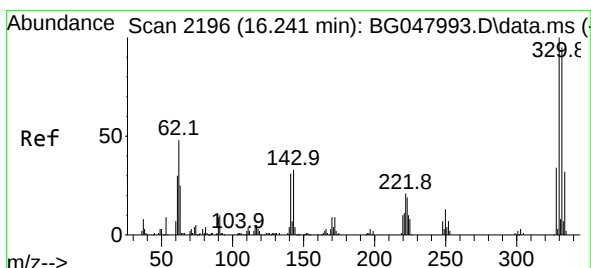
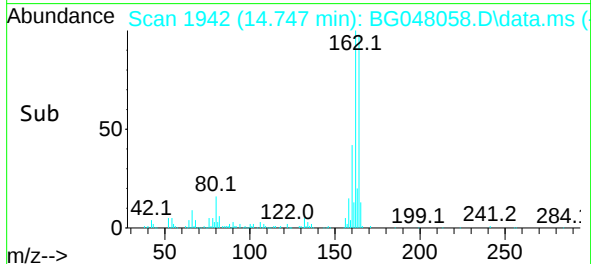
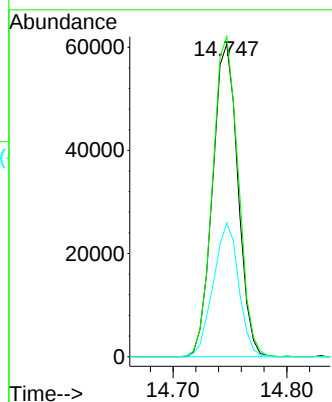
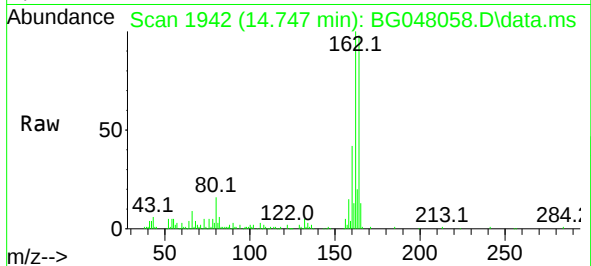




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.007 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

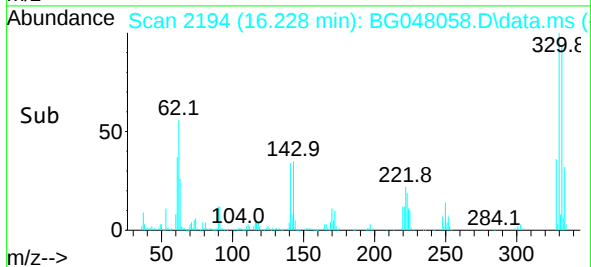
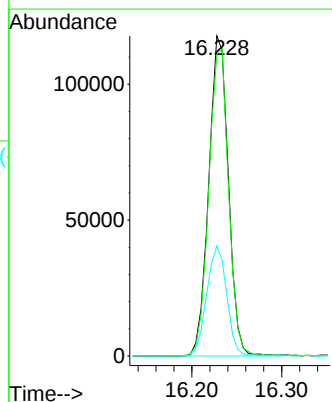
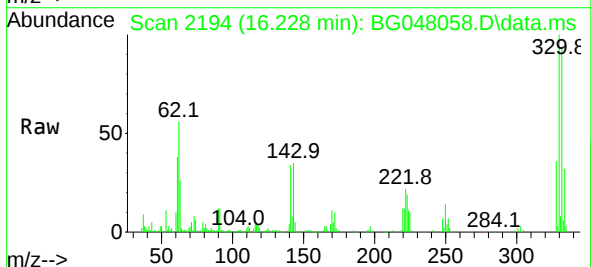
Instrument :
BNA_G
ClientSampleId :
BS-SP

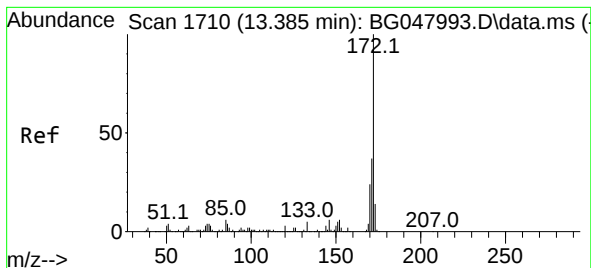
Tgt Ion:164 Resp: 93675
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 42.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 114.42 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.013 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

Tgt Ion:330 Resp: 178518
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 35.2 26.0 39.0

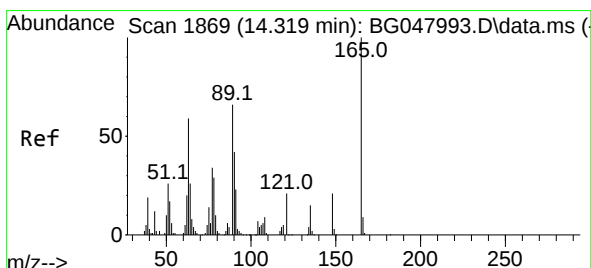
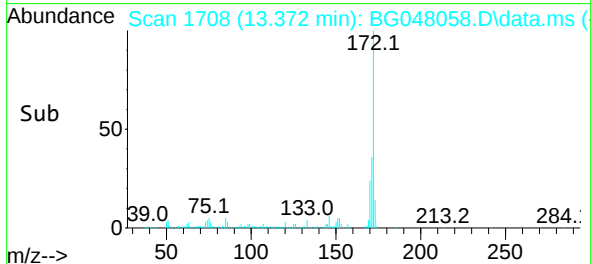
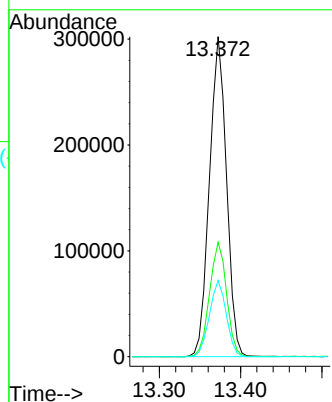
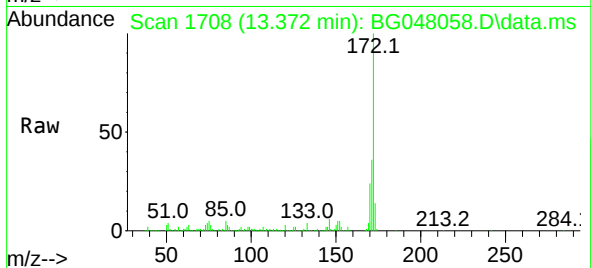




#45
2-Fluorobiphenyl
Concen: 60.77 ng
RT: 13.372 min Scan# 1708
Delta R.T. -0.013 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

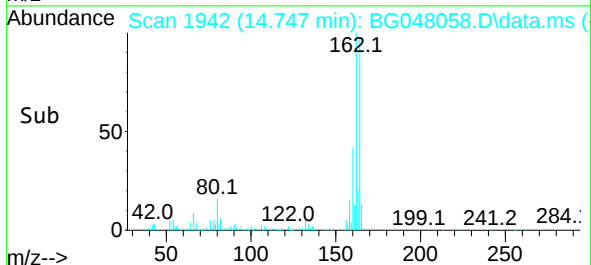
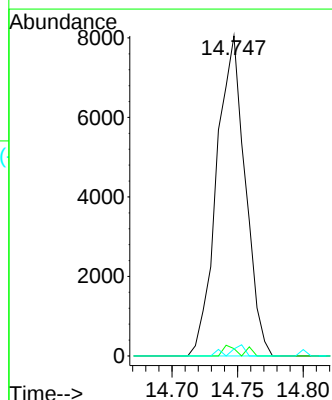
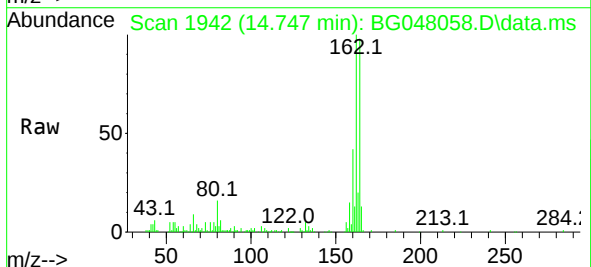
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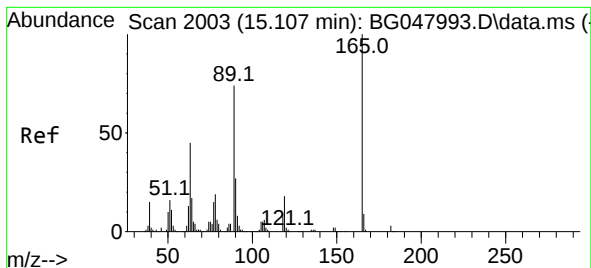
Tgt Ion:172 Resp: 440290
Ion Ratio Lower Upper
172 100
171 35.8 31.3 46.9
170 23.8 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.90 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.428 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

Tgt Ion:165 Resp: 12163
Ion Ratio Lower Upper
165 100
63 2.3 33.7 50.5#
89 2.2 36.6 54.8#

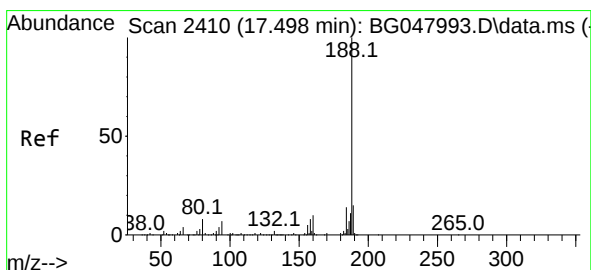
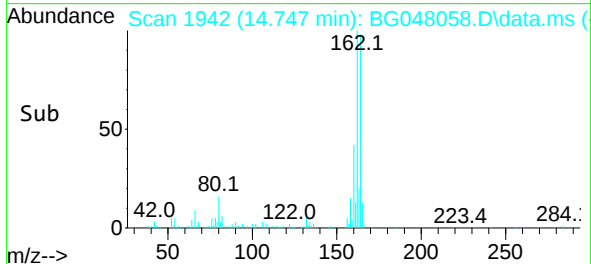
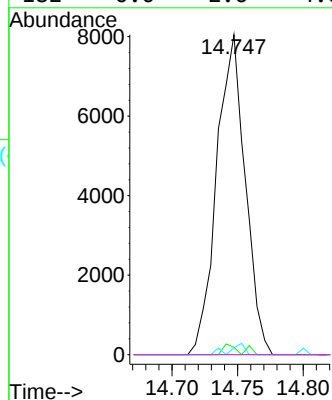
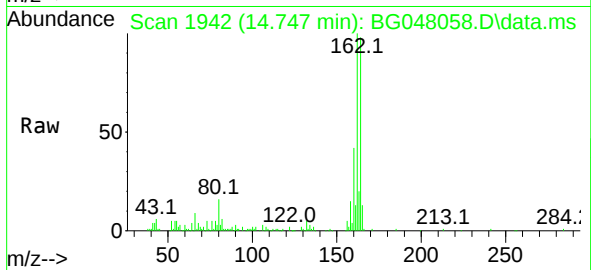




#57
2,4-Dinitrotoluene
Concen: 4.78 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.359 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

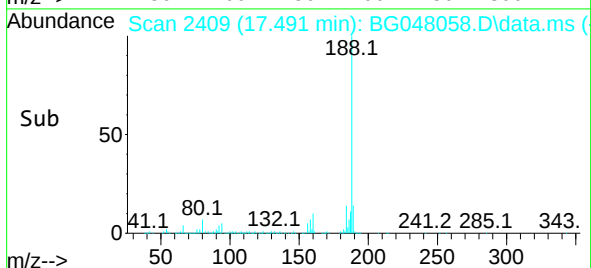
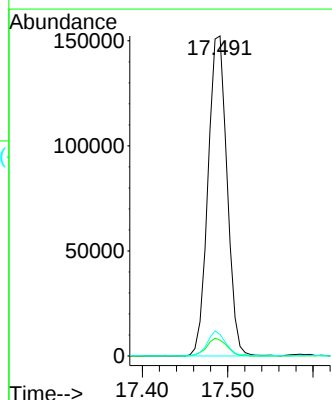
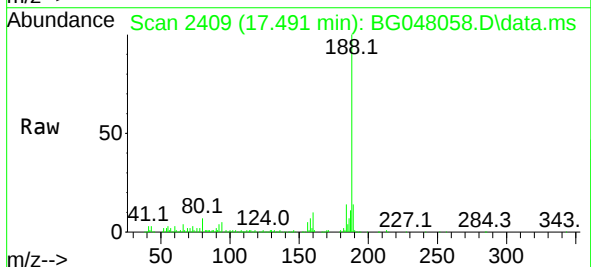
Instrument :
BNA_G
ClientSampled :
BS-SP

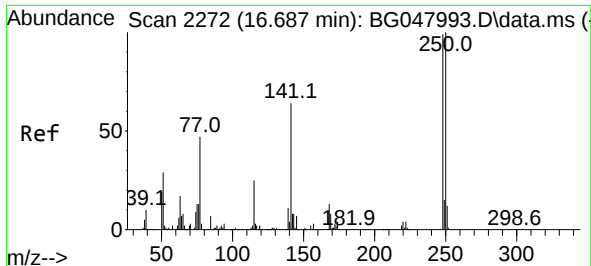
Tgt Ion:165 Resp: 12163
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 2.2 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

Tgt Ion:188 Resp: 235785
Ion Ratio Lower Upper
188 100
94 5.0 6.3 9.5#
80 6.8 7.0 10.6#

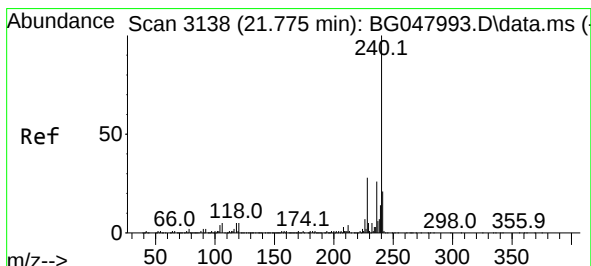
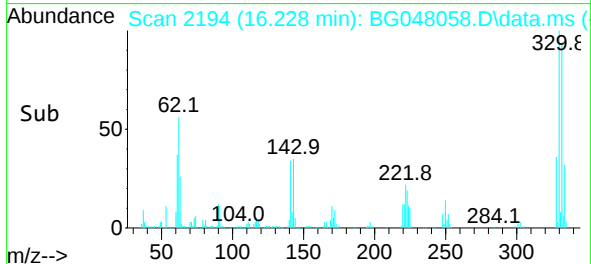
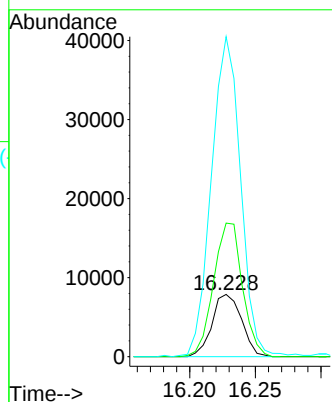
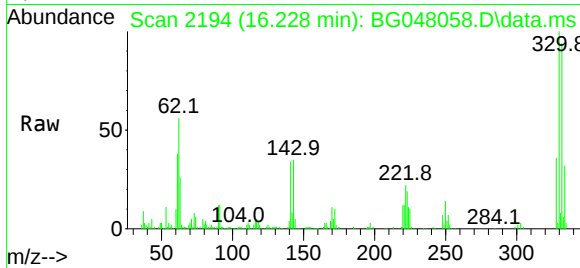




#67
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.459 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

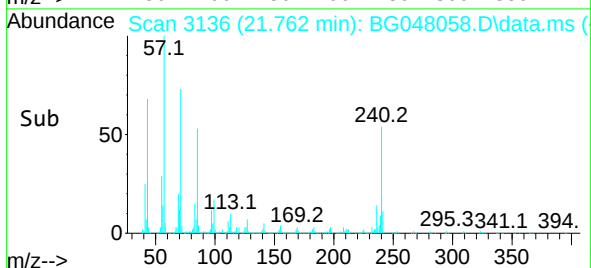
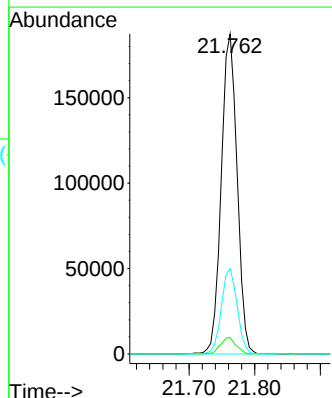
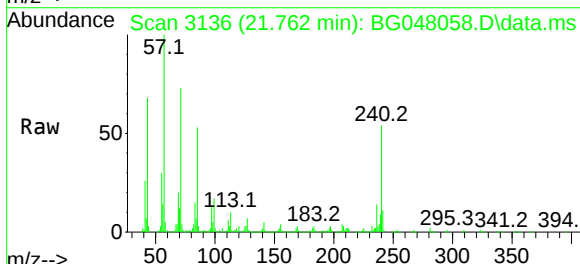
Instrument :
BNA_G
ClientSampled :
BS-SP

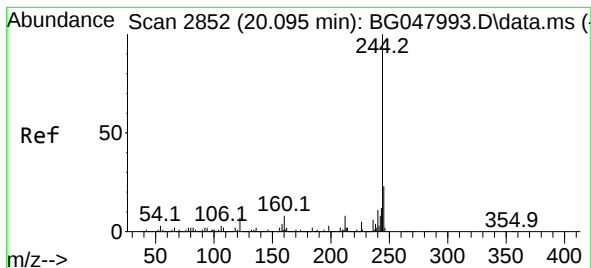
Tgt Ion:248 Resp: 12317
Ion Ratio Lower Upper
248 100
250 214.8 78.9 118.3#
141 514.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.762 min Scan# 3136
Delta R.T. -0.013 min
Lab File: BG048058.D
Acq: 28 Jan 2021 15:04

Tgt Ion:240 Resp: 313126
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.6 20.5 30.7





#79

Terphenyl-d14

Concen: 46.21 ng

RT: 20.088 min Scan# 2851

Delta R.T. -0.007 min

Lab File: BG048058.D

Acq: 28 Jan 2021 15:04

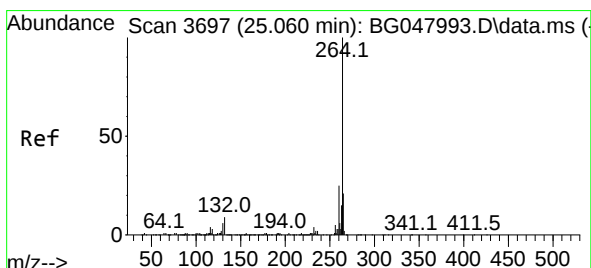
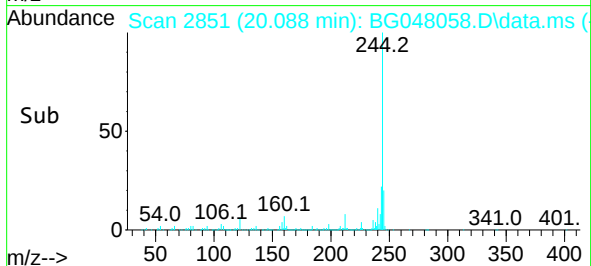
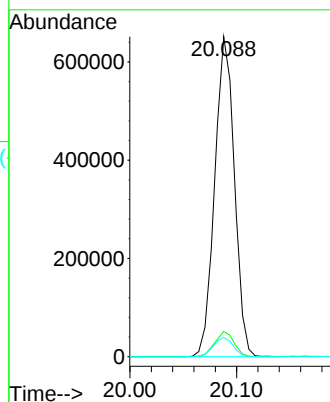
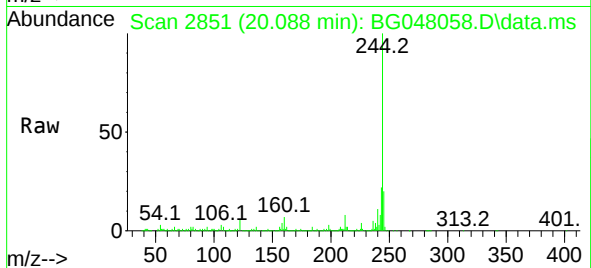
Tgt Ion:244 Resp: 834480

Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

122 6.1 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.041 min Scan# 3694

Delta R.T. -0.019 min

Lab File: BG048058.D

Acq: 28 Jan 2021 15:04

Tgt Ion:264 Resp: 318945

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.1 17.8 26.8

