

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048018.D
 Acq On : 26 Jan 2021 22:36
 Operator : CG/JU
 Sample : M1220-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-A

Quant Time: Jan 26 23:34:42 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)

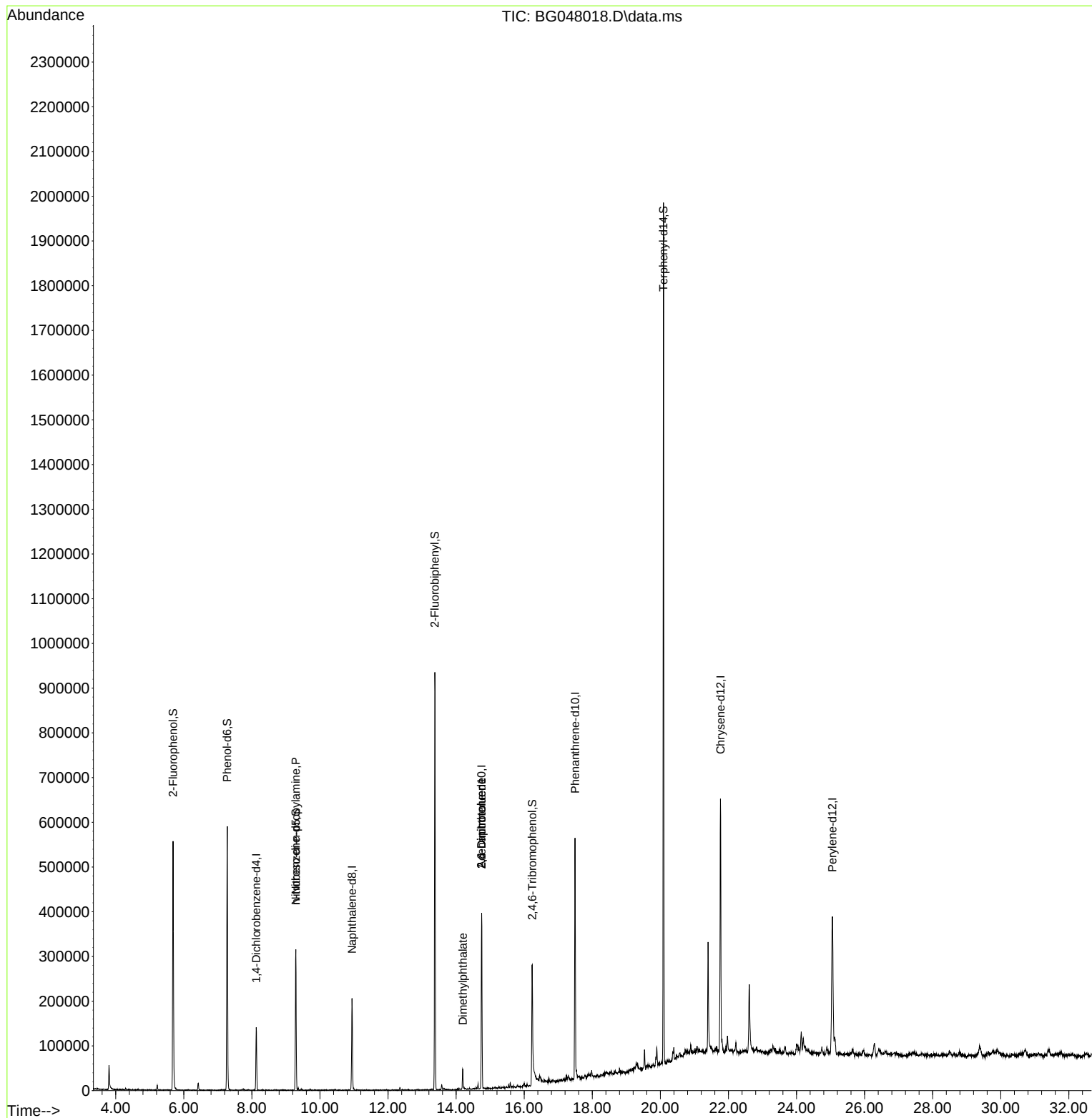
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	39325	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	162168	20.00	ng	0.00
39) Acenaphthene-d10	14.750	164	135143	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	345600	20.00	ng	# 0.00
76) Chrysene-d12	21.765	240	355240	20.00	ng	# 0.00
86) Perylene-d12	25.056	264	353171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	243529	95.17	ng	0.00
7) Phenol-d6	7.277	99	315803	81.17	ng	0.00
23) Nitrobenzene-d5	9.292	82	190504	46.48	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	80102	35.59	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	495837	47.44	ng	0.00
79) Terphenyl-d14	20.091	244	863891	42.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.292	70	27030	9.52	ng	# 72
50) Dimethylphthalate	14.198	163	27615	2.26	ng	99
51) 2,6-Dinitrotoluene	14.750	165	17792	7.00	ng	# 37
57) 2,4-Dinitrotoluene	14.750	165	17792	4.84	ng	# 35

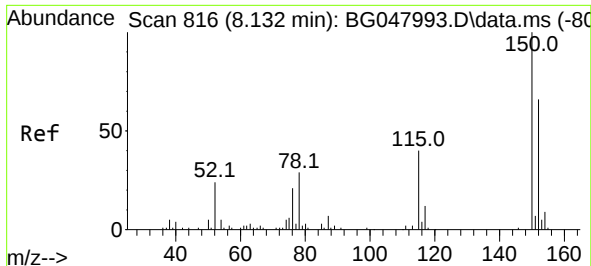
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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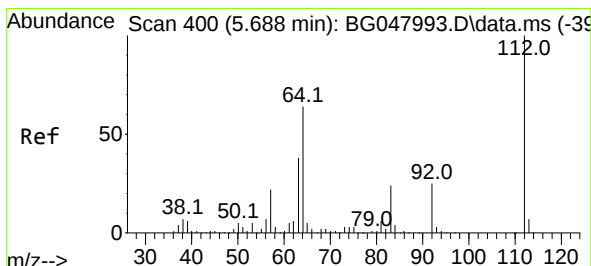
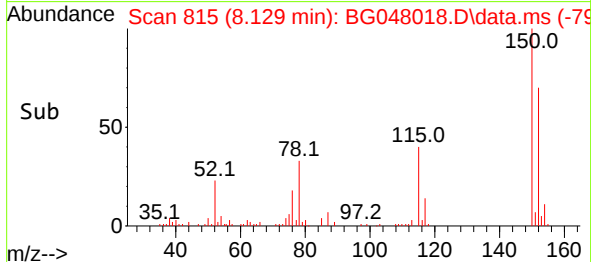
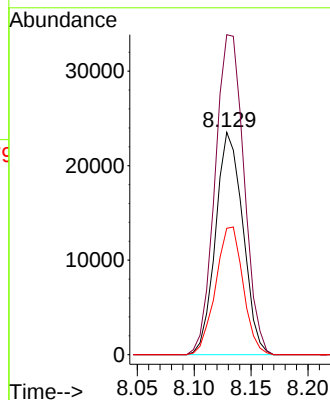
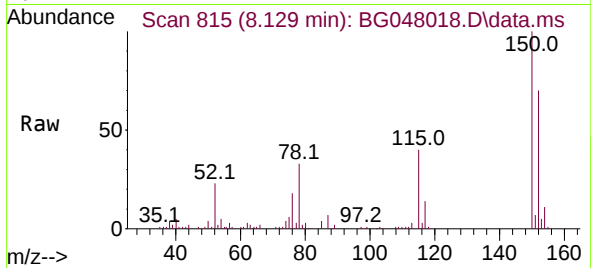




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.129 min Scan# 815
Delta R.T. -0.003 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

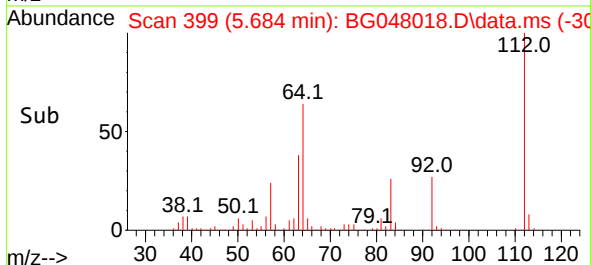
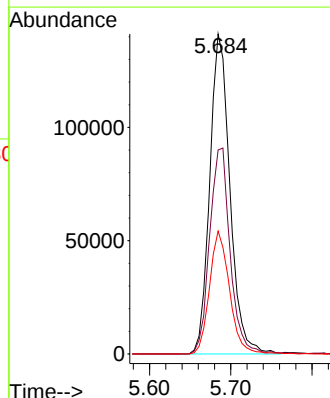
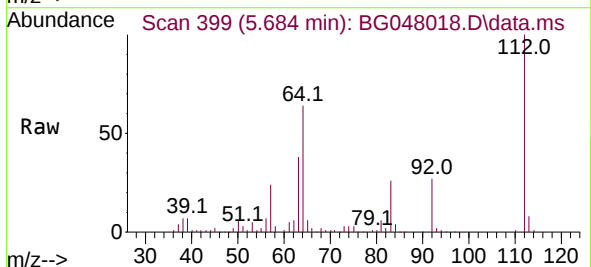
Instrument :
BNA_G
ClientSampleId :
SP1-A

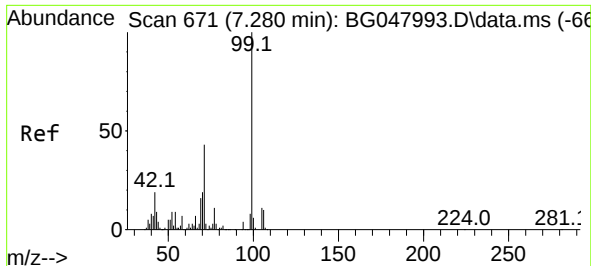
Tgt Ion:152 Resp: 39325
Ion Ratio Lower Upper
152 100
150 143.9 125.0 187.6
115 56.8 41.8 62.6



#5
2-Fluorophenol
Concen: 95.17 ng
RT: 5.684 min Scan# 399
Delta R.T. -0.004 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

Tgt Ion:112 Resp: 243529
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 38.4 22.8 34.2#

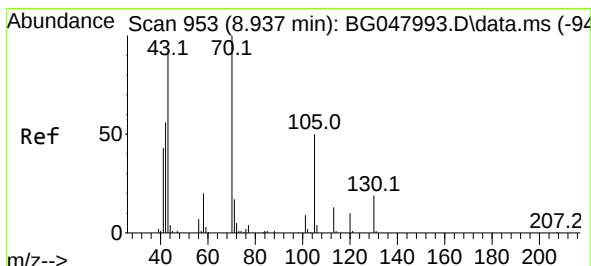
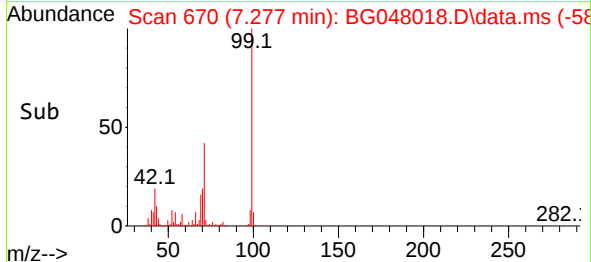
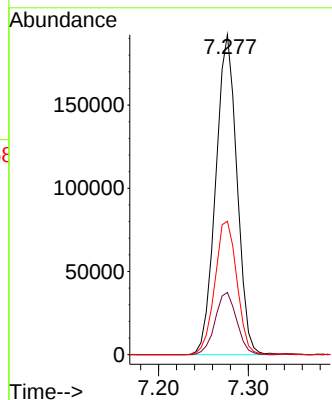
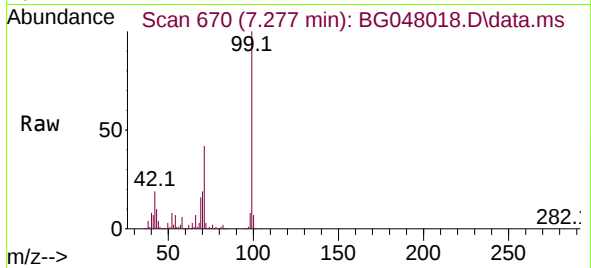




#7
Phenol-d6
Concen: 81.17 ng
RT: 7.277 min Scan# 670
Delta R.T. -0.004 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

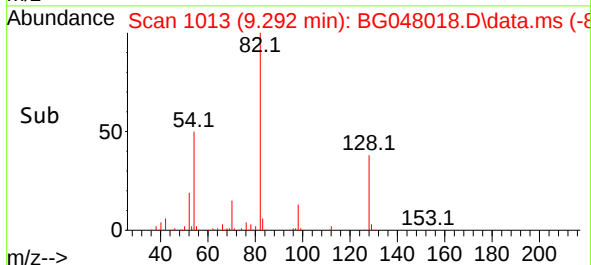
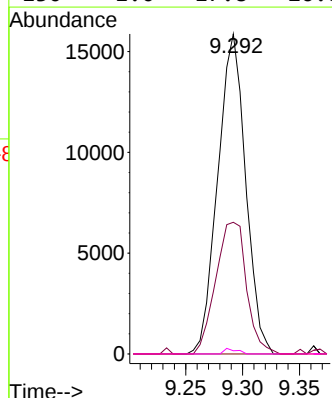
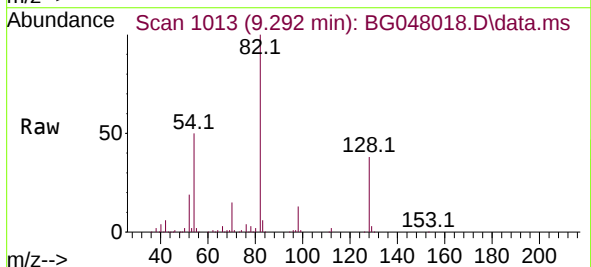
Instrument :
BNA_G
ClientSampleId :
SP1-A

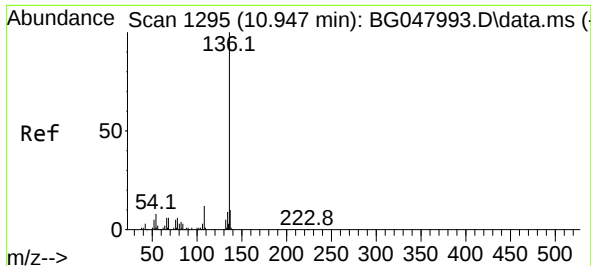
Tgt Ion: 99 Resp: 315803
Ion Ratio Lower Upper
99 100
42 19.5 12.8 19.2#
71 41.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 9.52 ng
RT: 9.292 min Scan# 1013
Delta R.T. 0.355 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

Tgt Ion: 70 Resp: 27030
Ion Ratio Lower Upper
70 100
42 41.2 45.6 68.4#
101 0.0 8.4 12.6#
130 1.0 17.8 26.8#

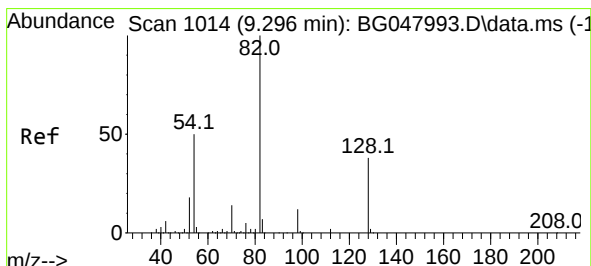
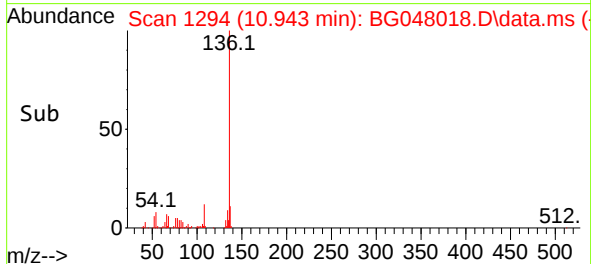
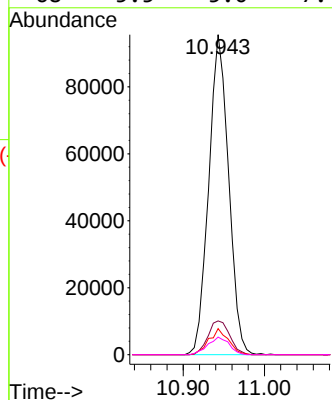
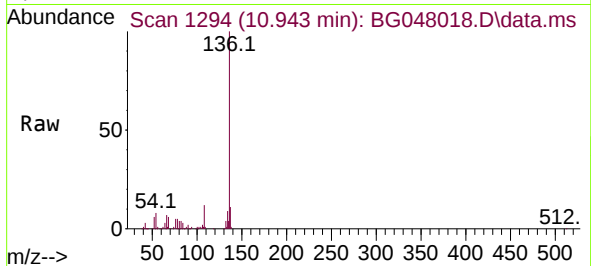




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

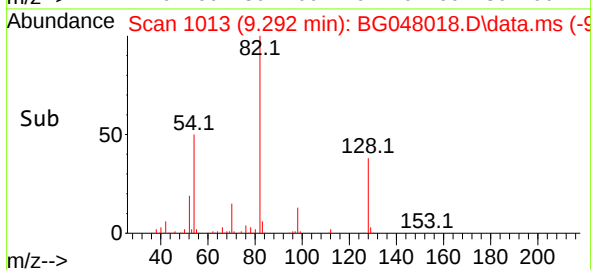
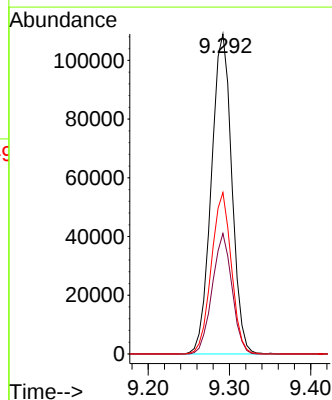
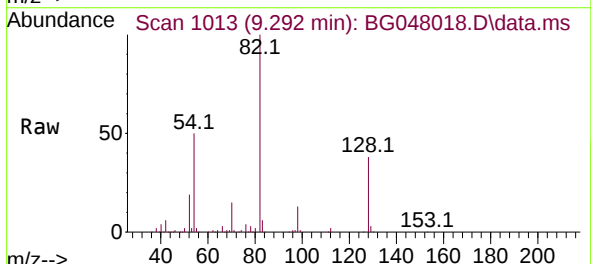
Instrument :
BNA_G
ClientSampleId :
SP1-A

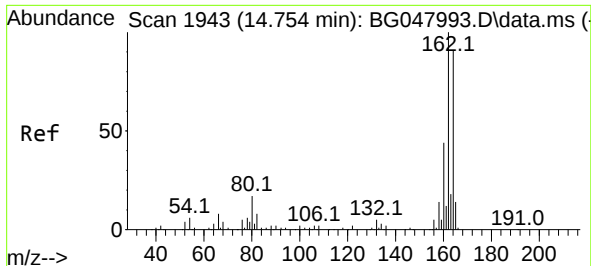
Tgt Ion:	136	Resp:	162168
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	8.1	6.2	9.4
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 46.48 ng
RT: 9.292 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

Tgt Ion:	82	Resp:	190504
Ion Ratio	Lower	Upper	
82	100		
128	37.7	37.0	55.6
54	50.5	39.0	58.4

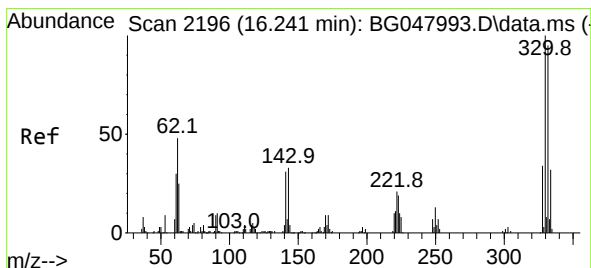
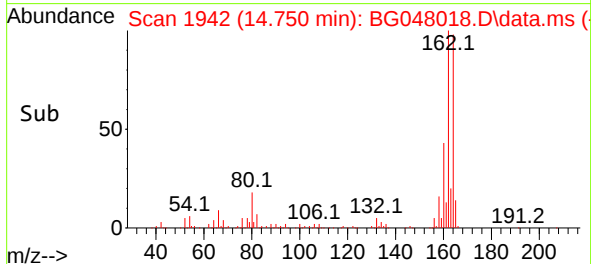
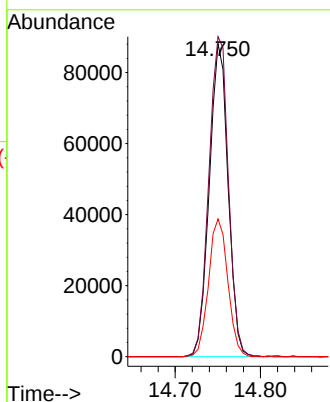
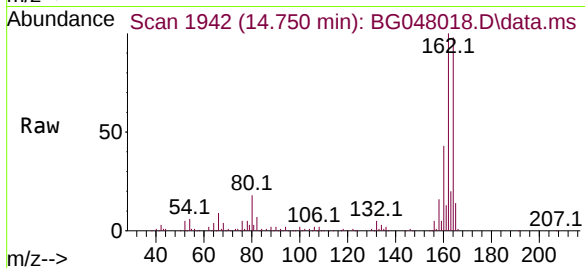




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

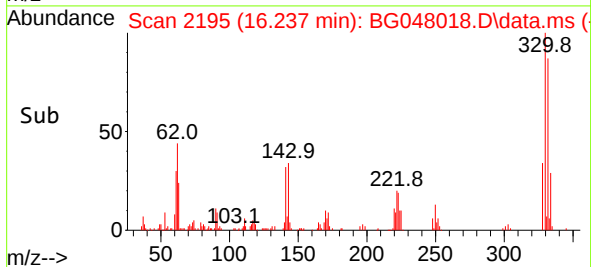
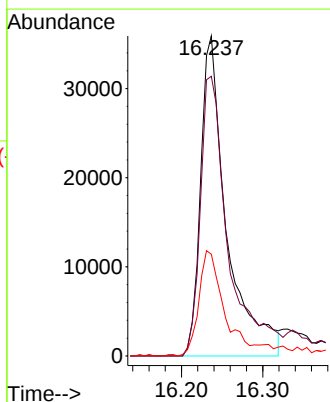
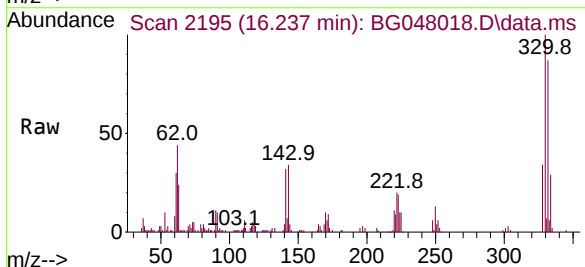
Instrument :
BNA_G
ClientSampled :
SP1-A

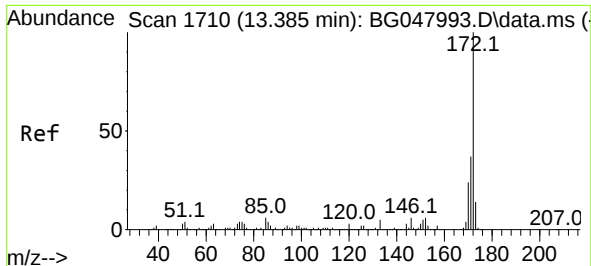
Tgt Ion:164 Resp: 135143
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 44.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 35.59 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

Tgt Ion:330 Resp: 80102
Ion Ratio Lower Upper
330 100
332 94.1 76.5 114.7
141 32.3 26.0 39.0

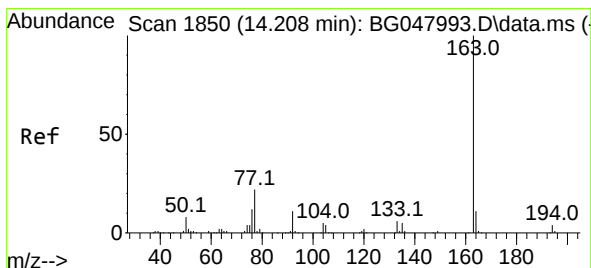
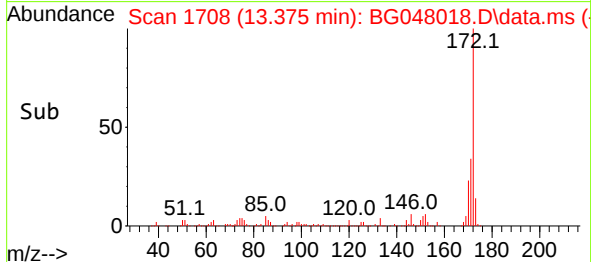
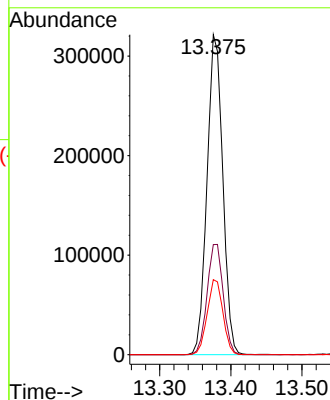
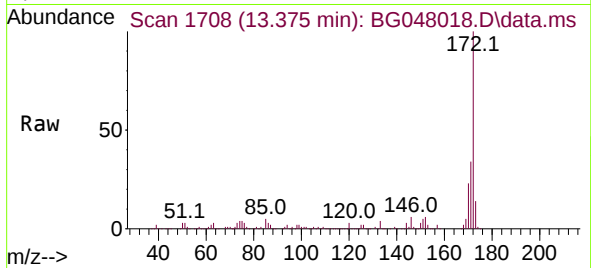




#45
2-Fluorobiphenyl
Concen: 47.44 ng
RT: 13.375 min Scan# 1708
Delta R.T. -0.010 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

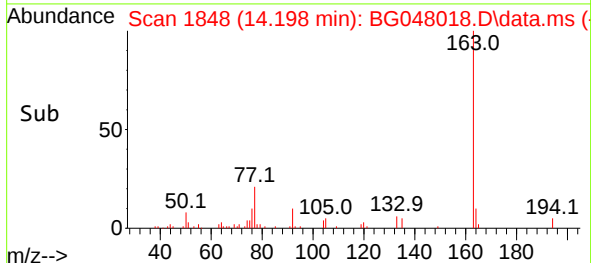
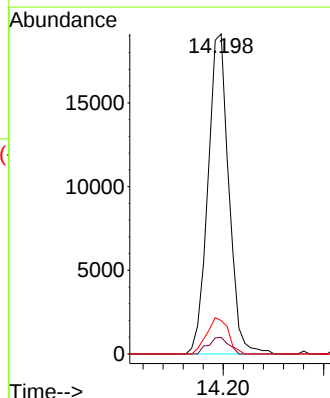
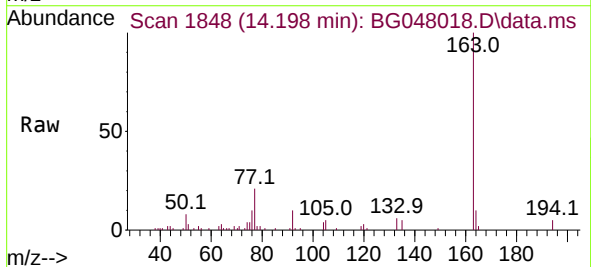
Instrument :
BNA_G
ClientSampleId :
SP1-A

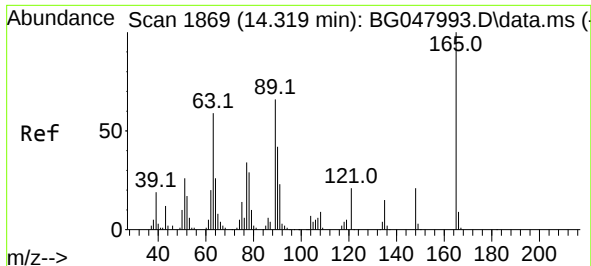
Tgt Ion:172	Resp:	495837
Ion Ratio	Lower	Upper
172	100	
171	34.4	31.3 46.9
170	23.4	20.8 31.2



#50
Dimethylphthalate
Concen: 2.26 ng
RT: 14.198 min Scan# 1848
Delta R.T. -0.010 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

Tgt Ion:163	Resp:	27615
Ion Ratio	Lower	Upper
163	100	
194	5.2	3.8 5.8
164	10.4	8.8 13.2

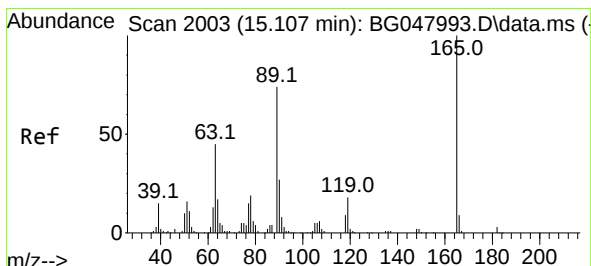
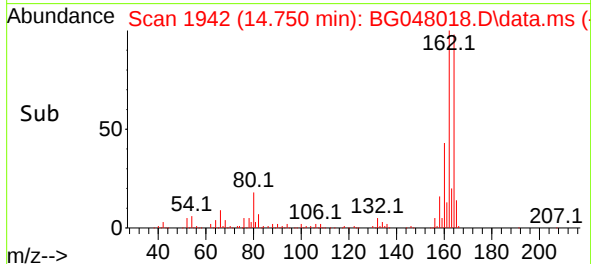
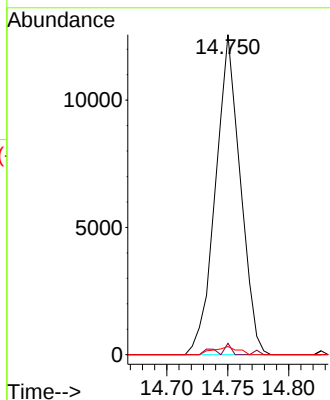
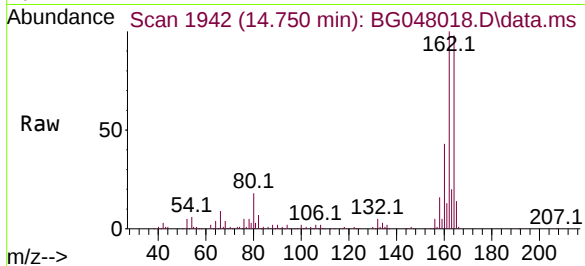




#51
2,6-Dinitrotoluene
Concen: 7.00 ng
RT: 14.750 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

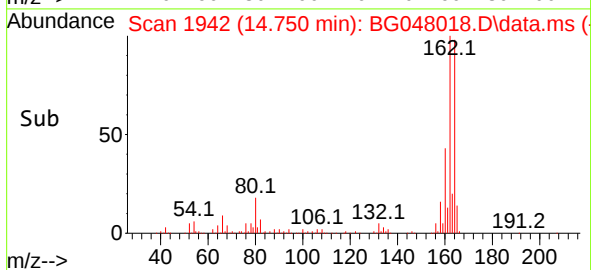
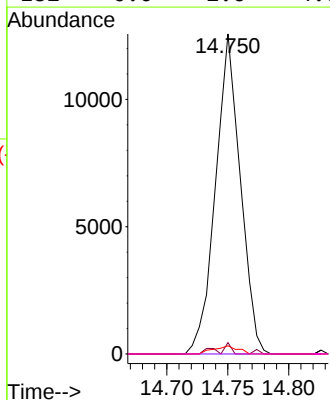
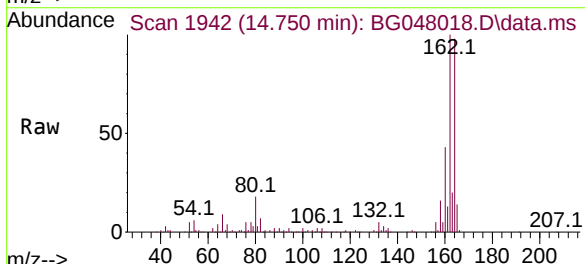
Instrument :
BNA_G
ClientSampled :
SP1-A

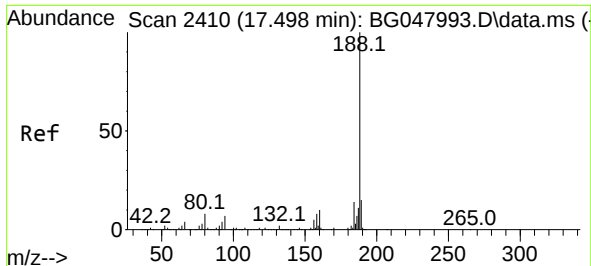
Tgt Ion:165 Resp: 17792
Ion Ratio Lower Upper
165 100
63 3.5 33.7 50.5#
89 2.5 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.84 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.356 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

Tgt Ion:165 Resp: 17792
Ion Ratio Lower Upper
165 100
63 3.5 26.4 39.6#
89 2.5 47.8 71.8#
182 0.0 2.6 4.0#

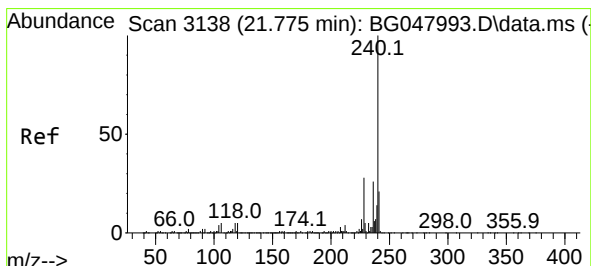
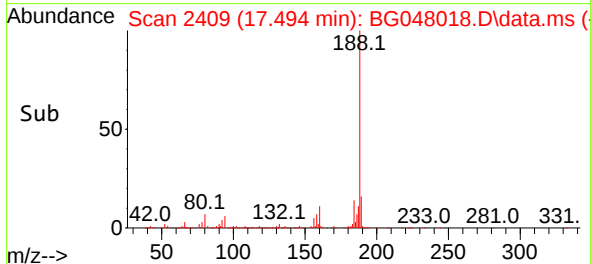
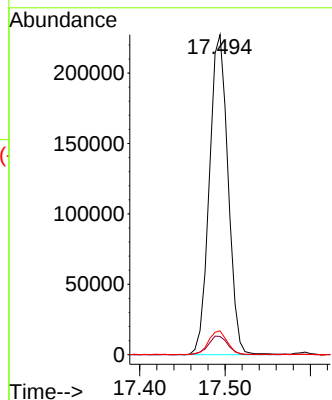
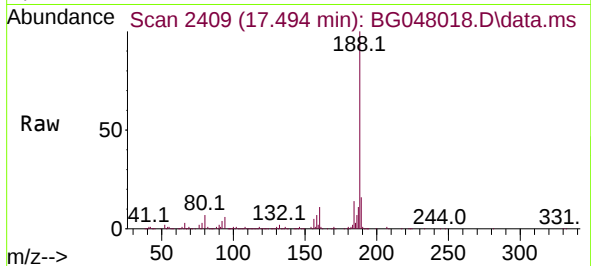




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

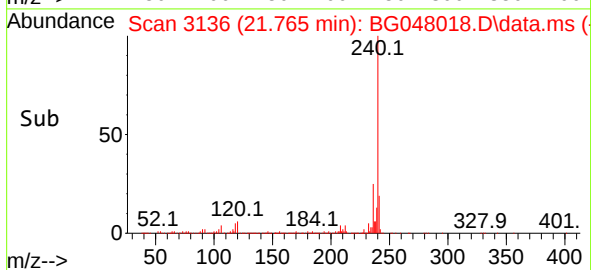
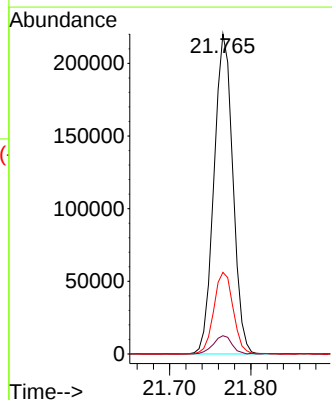
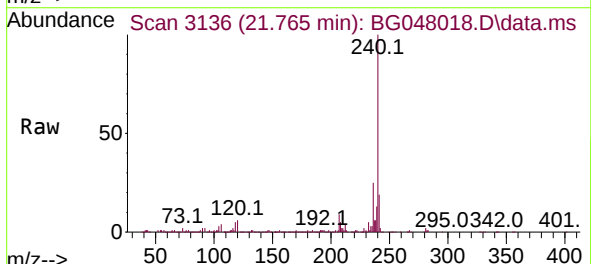
Instrument :
BNA_G
ClientSampleId :
SP1-A

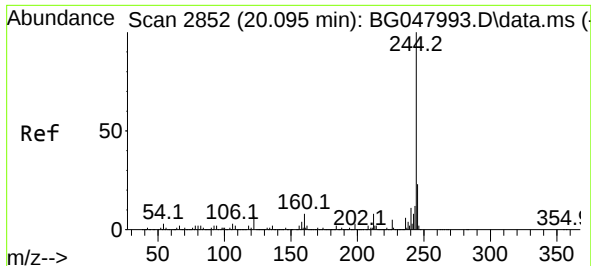
Tgt Ion:188 Resp: 345600
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 7.4 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.010 min
Lab File: BG048018.D
Acq: 26 Jan 2021 22:36

Tgt Ion:240 Resp: 355240
Ion Ratio Lower Upper
240 100
120 5.7 6.2 9.4#
236 25.5 20.5 30.7

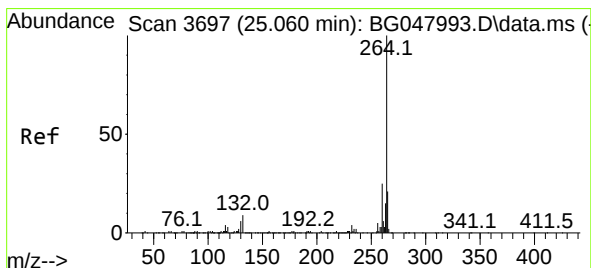
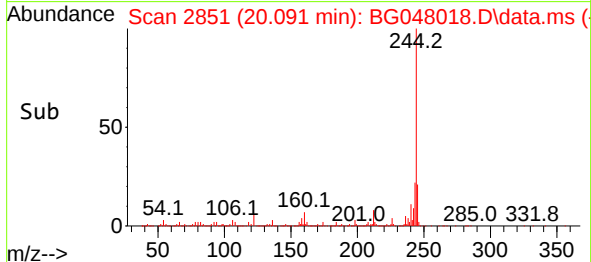
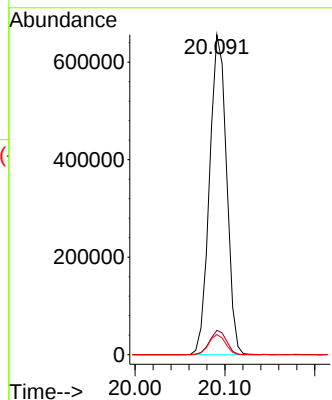
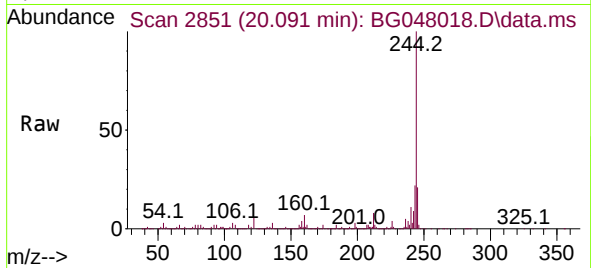




#79
 Terphenyl-d14
 Concen: 42.16 ng
 RT: 20.091 min Scan# 2851
 Delta R.T. -0.004 min
 Lab File: BG048018.D
 Acq: 26 Jan 2021 22:36

Instrument :
 BNA_G
 ClientSampleId :
 SP1-A

Tgt Ion:244 Resp: 863891
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.7 10.1
 122 6.3 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.056 min Scan# 3696
 Delta R.T. -0.004 min
 Lab File: BG048018.D
 Acq: 26 Jan 2021 22:36

Tgt Ion:264 Resp: 353171
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.9 17.8 26.8

