

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020921\
 Data File : BG048125.D
 Acq On : 9 Feb 2021 17:02
 Operator : CG/JU
 Sample : M1339-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-10

Quant Time: Feb 09 18:07:19 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)

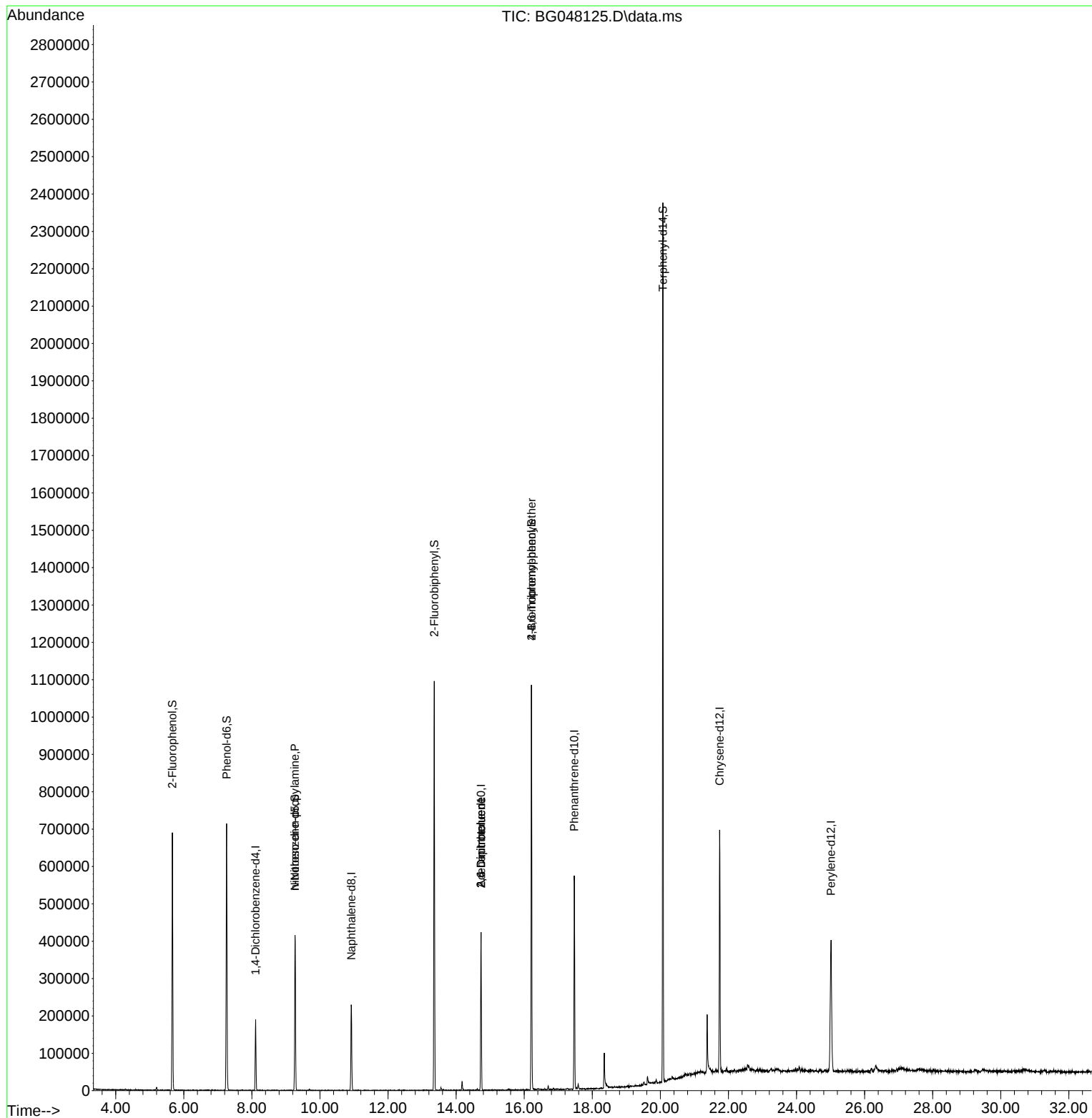
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	49298	20.00	ng	0.00
21) Naphthalene-d8	10.919	136	187700	20.00	ng	0.00
39) Acenaphthene-d10	14.733	164	144235	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	363621	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	391177	20.00	ng	# 0.00
86) Perylene-d12	25.015	264	388933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	264472	82.45	ng	0.00
7) Phenol-d6	7.259	99	374031	76.69	ng	0.00
23) Nitrobenzene-d5	9.268	82	251800	53.08	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	198743	82.73	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	564299	50.58	ng	0.00
79) Terphenyl-d14	20.073	244	1020828	45.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	36762	10.33	ng	# 73
51) 2,6-Dinitrotoluene	14.733	165	17954	6.62	ng	# 34
57) 2,4-Dinitrotoluene	14.733	165	17954	4.58	ng	# 32
67) 4-Bromophenyl-phenylether	16.213	248	13772	2.83	ng	# 1

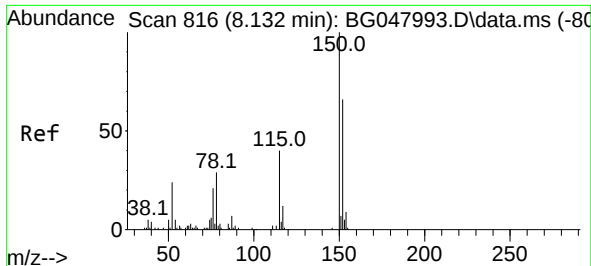
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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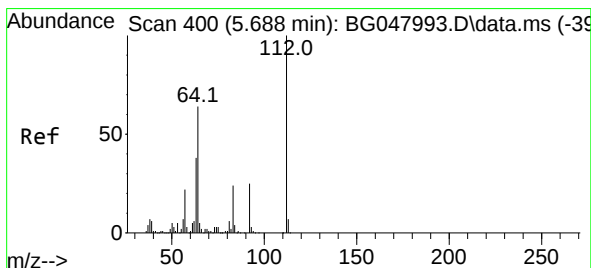
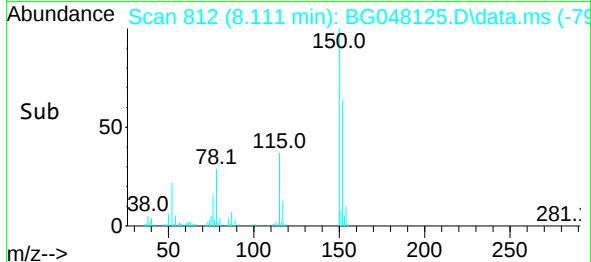
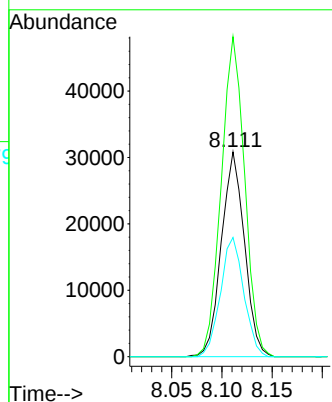
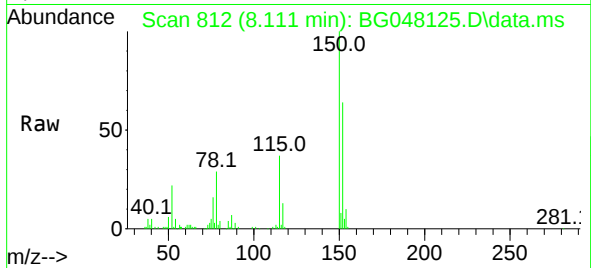




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.111 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

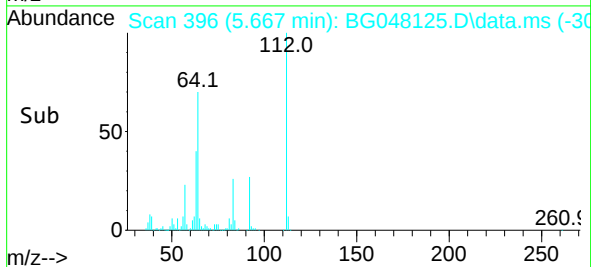
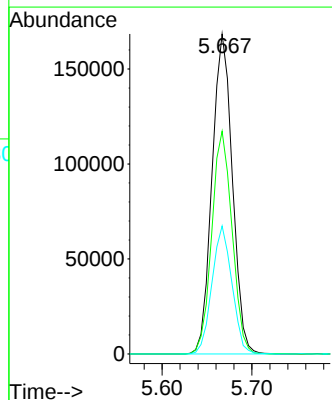
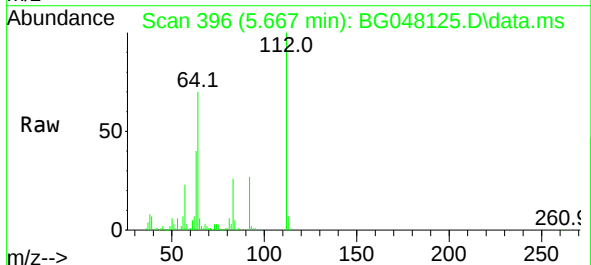
Instrument :
BNA_G
ClientSampleId :
TP-5-10

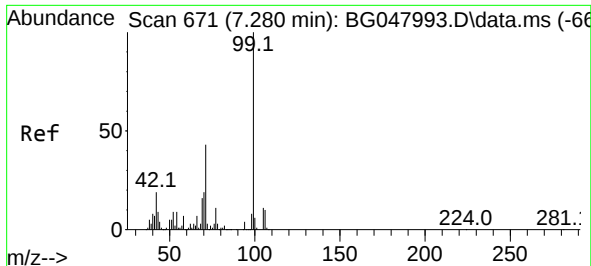
Tgt Ion:152 Resp: 49298
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.6
115 58.3 41.8 62.6



#5
2-Fluorophenol
Concen: 82.45 ng
RT: 5.667 min Scan# 396
Delta R.T. 0.003 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

Tgt Ion:112 Resp: 264472
Ion Ratio Lower Upper
112 100
64 69.6 46.7 70.1
63 40.0 22.8 34.2#

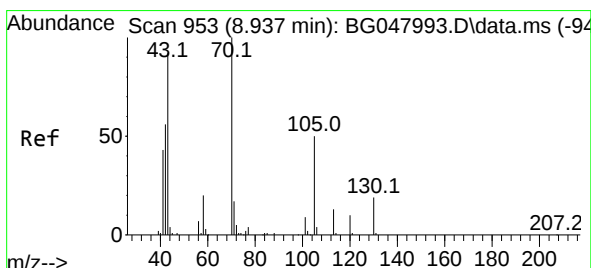
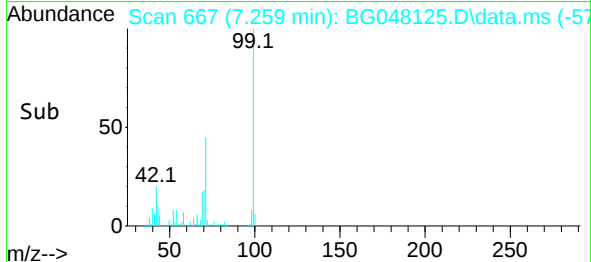
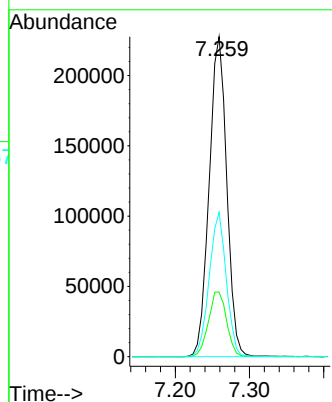
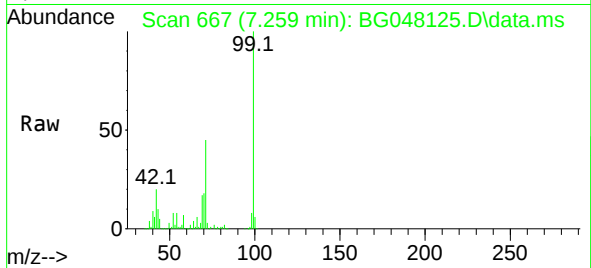




#7
Phenol-d6
Concen: 76.69 ng
RT: 7.259 min Scan# 667
Delta R.T. -0.003 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

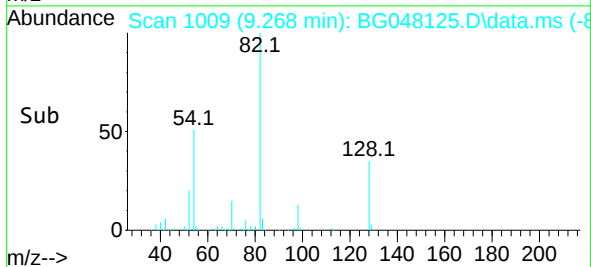
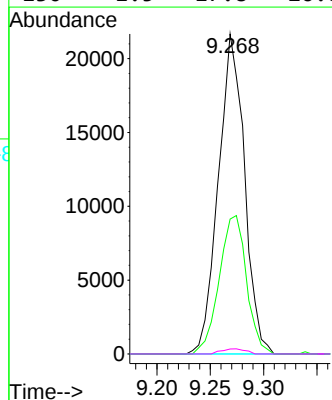
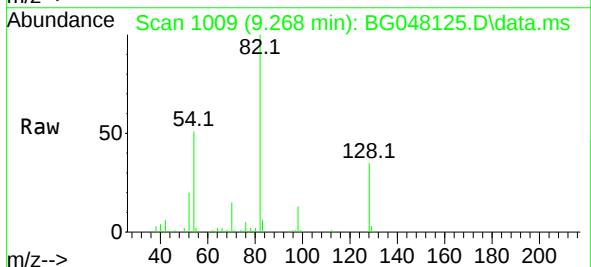
Instrument :
BNA_G
ClientSampleId :
TP-5-10

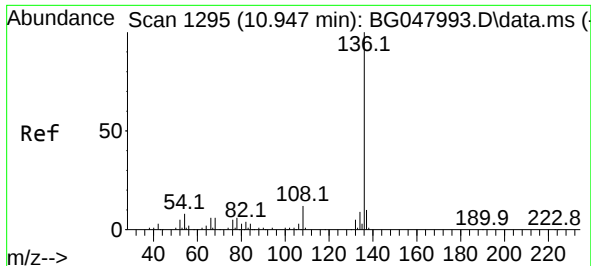
Tgt Ion: 99 Resp: 374031
Ion Ratio Lower Upper
99 100
42 20.2 12.8 19.2#
71 45.1 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.33 ng
RT: 9.268 min Scan# 1009
Delta R.T. 0.355 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

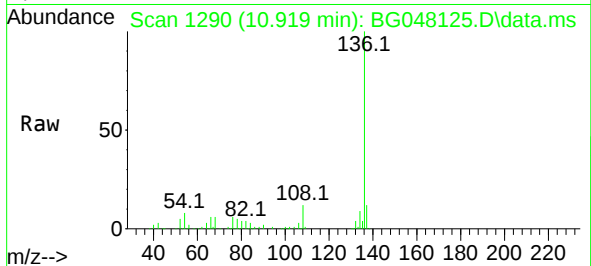
Tgt Ion: 70 Resp: 36762
Ion Ratio Lower Upper
70 100
42 42.2 45.6 68.4#
101 0.0 8.4 12.6#
130 1.5 17.8 26.8#



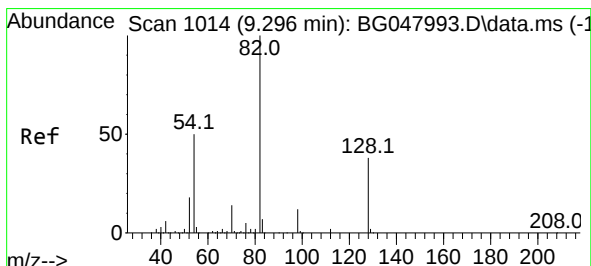
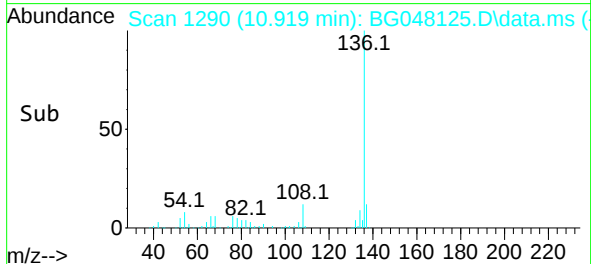
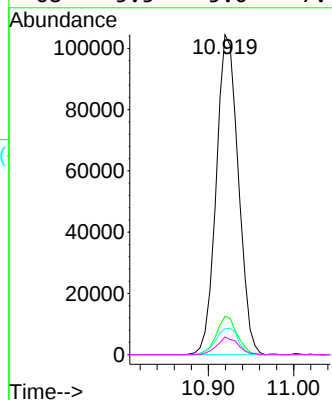


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.003 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

Instrument :
BNA_G
ClientSampleId :
TP-5-10

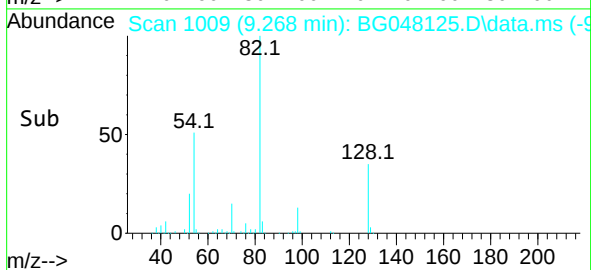
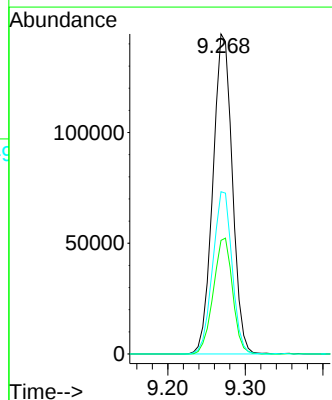
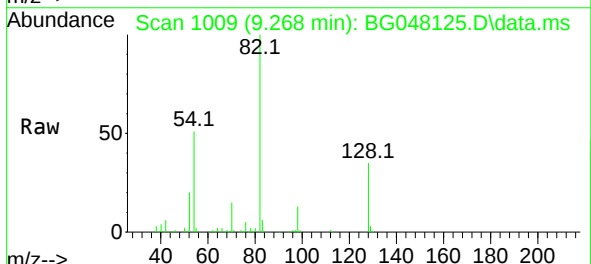


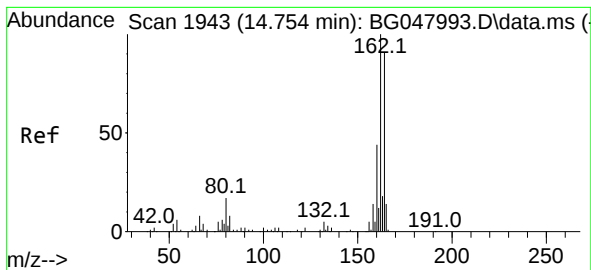
Tgt Ion:136	Resp: 187700
Ion Ratio	Lower Upper
136 100	
137 12.0	9.1 13.7
54 8.1	6.2 9.4
68 5.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 53.08 ng
RT: 9.268 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

Tgt Ion: 82	Resp: 251800
Ion Ratio	Lower Upper
82 100	
128 35.5	37.0 55.6#
54 50.7	39.0 58.4

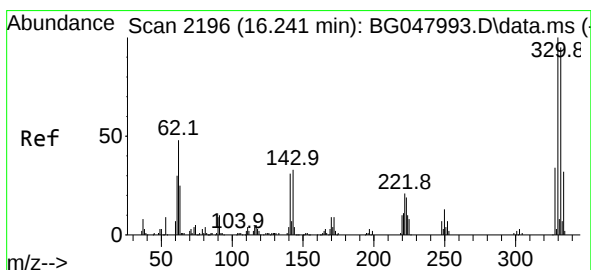
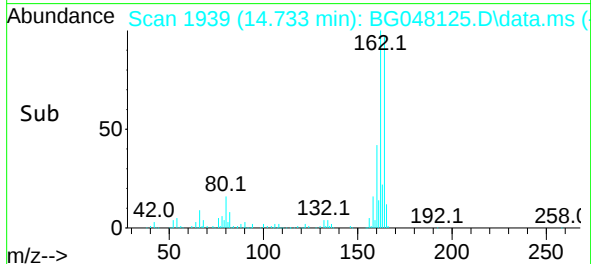
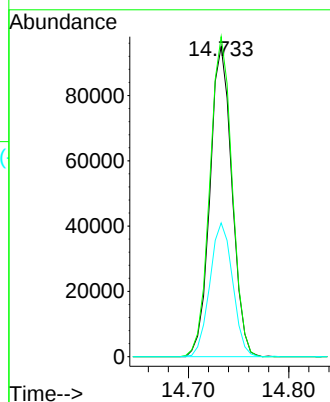
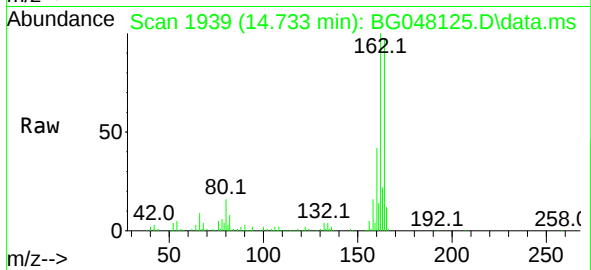




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

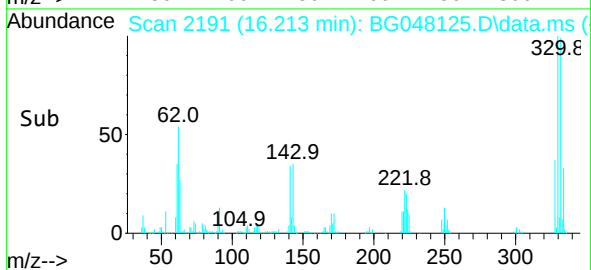
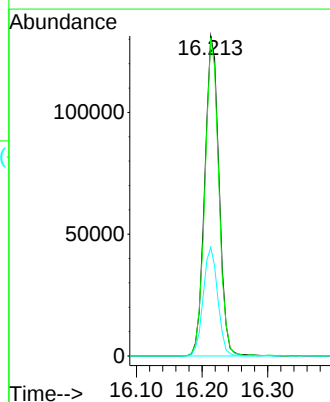
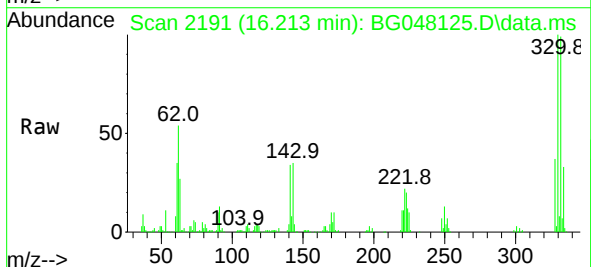
Instrument :
BNA_G
ClientSampleId :
TP-5-10

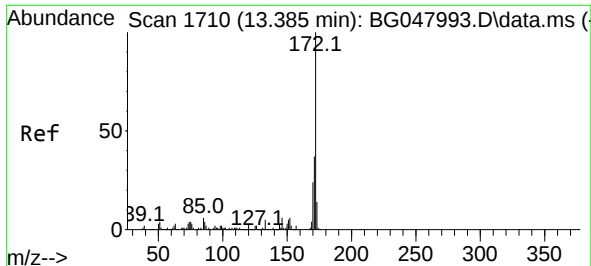
Tgt Ion:164 Resp: 144235
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 43.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 82.73 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

Tgt Ion:330 Resp: 198743
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 34.5 26.0 39.0

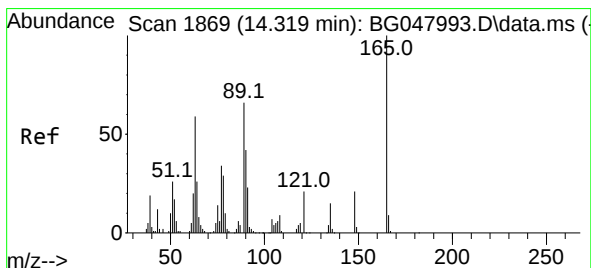
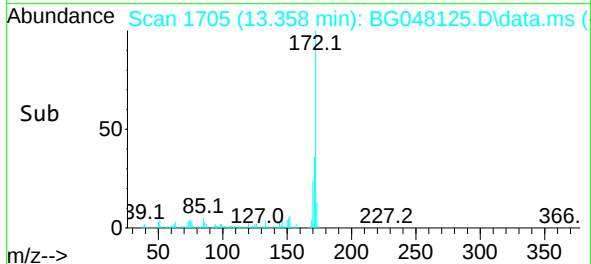
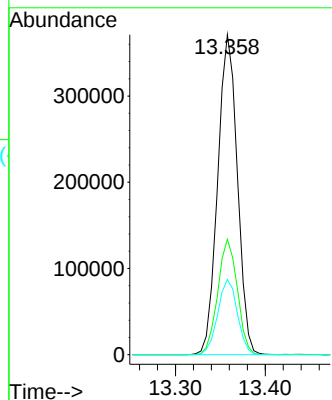
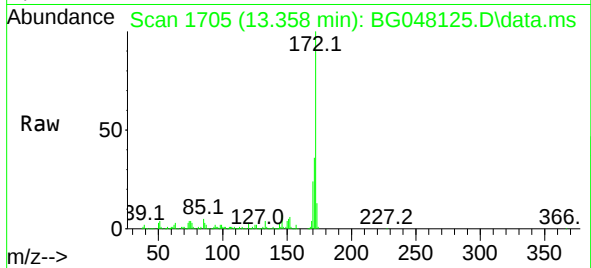




#45
2-Fluorobiphenyl
Concen: 50.58 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

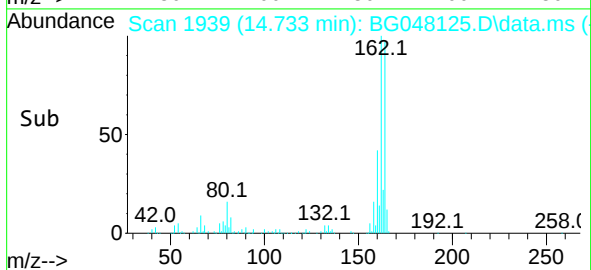
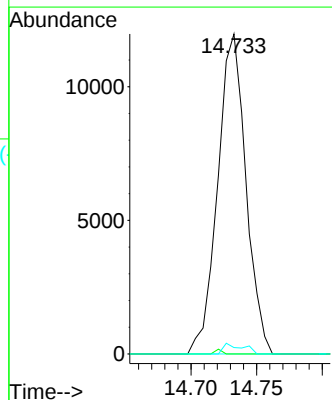
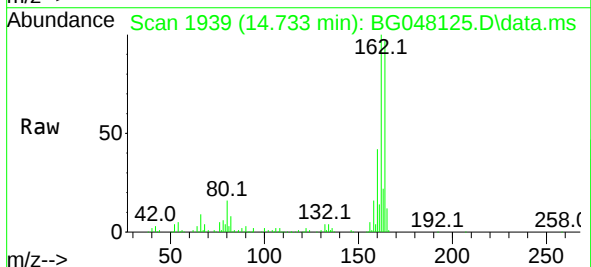
Instrument :
BNA_G
ClientSampleId :
TP-5-10

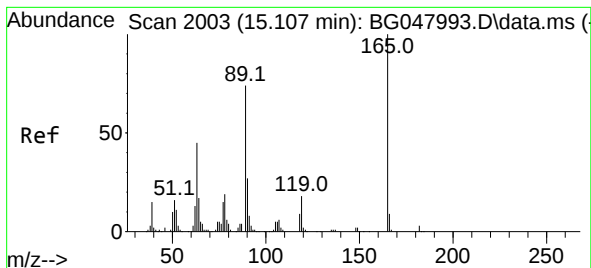
Tgt Ion:172 Resp: 564299
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 23.5 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.62 ng
RT: 14.733 min Scan# 1939
Delta R.T. 0.432 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

Tgt Ion:165 Resp: 17954
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.0 36.6 54.8#

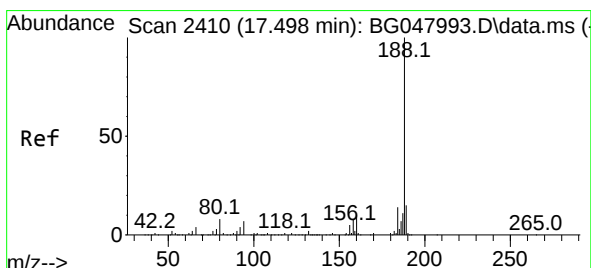
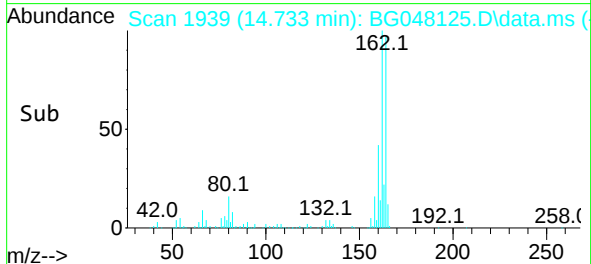
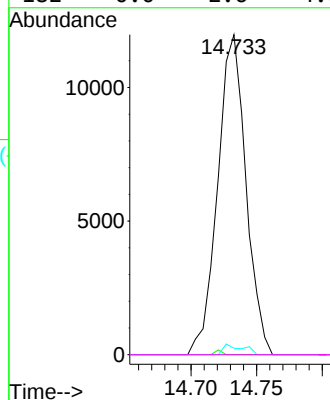
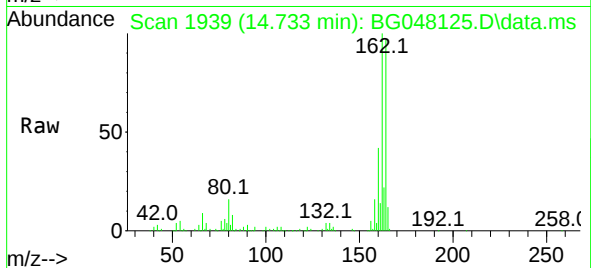




#57
2,4-Dinitrotoluene
Concen: 4.58 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.350 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

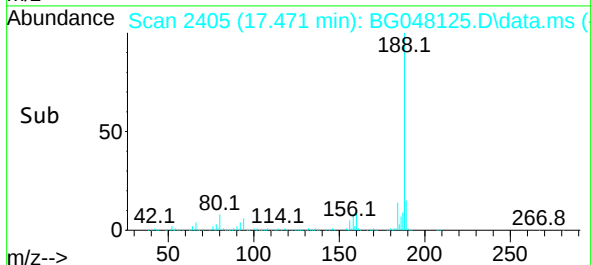
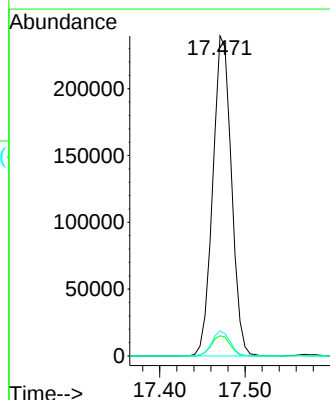
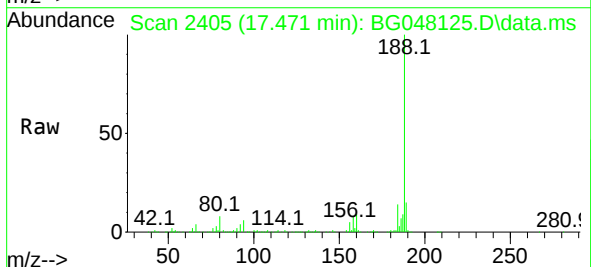
Instrument :
BNA_G
ClientSampled :
TP-5-10

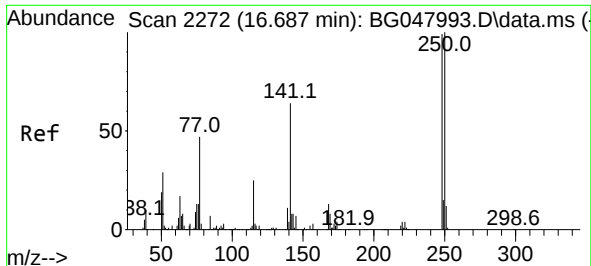
Tgt Ion:165 Resp: 17954
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

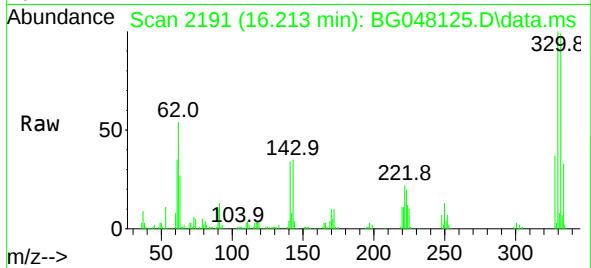
Tgt Ion:188 Resp: 363621
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5#
80 7.8 7.0 10.6



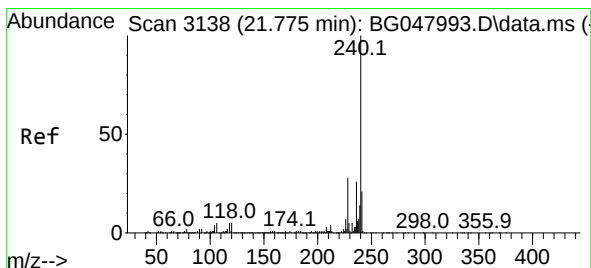
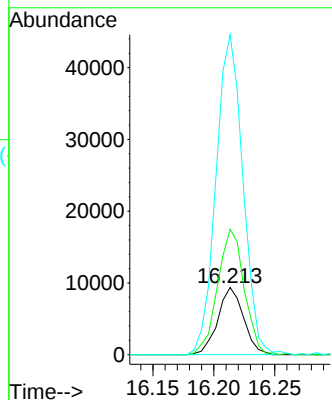
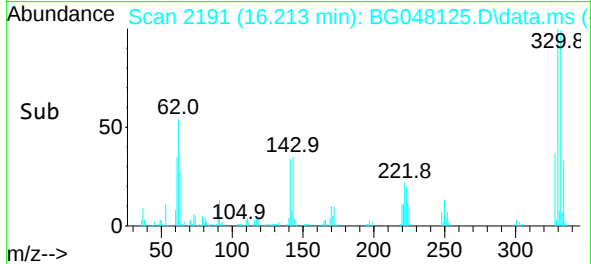


#67
4-Bromophenyl-phenylether
Concen: 2.83 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.450 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02

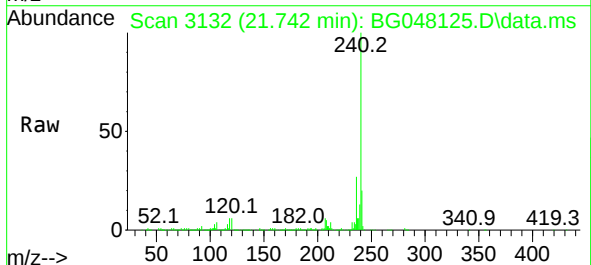
Instrument :
BNA_G
ClientSampleId :
TP-5-10



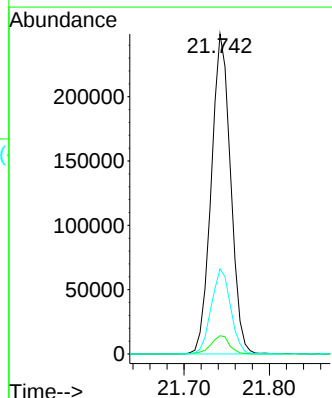
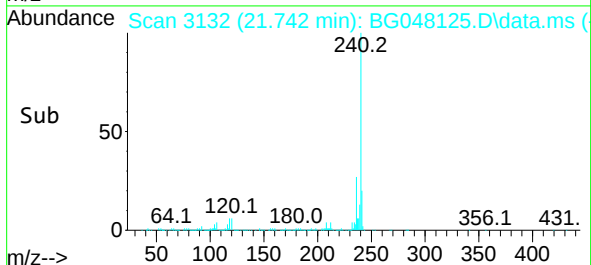
Tgt Ion:248 Resp: 13772
Ion Ratio Lower Upper
248 100
250 186.7 78.9 118.3#
141 476.4 46.2 69.4#

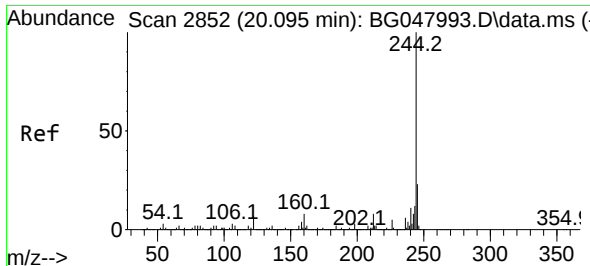


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BG048125.D
Acq: 9 Feb 2021 17:02



Tgt Ion:240 Resp: 391177
Ion Ratio Lower Upper
240 100
120 5.7 6.2 9.4#
236 26.6 20.5 30.7

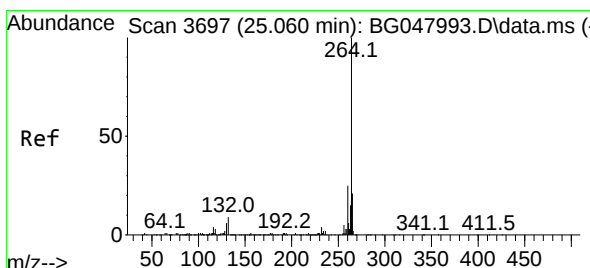
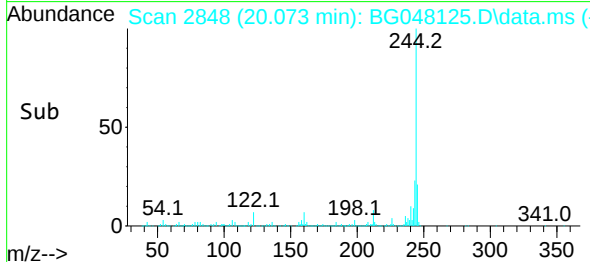
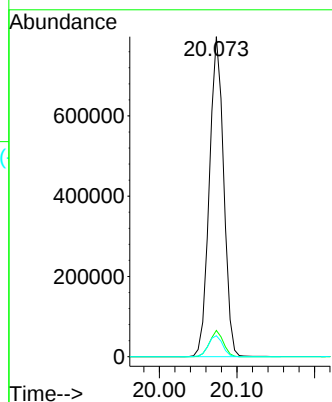
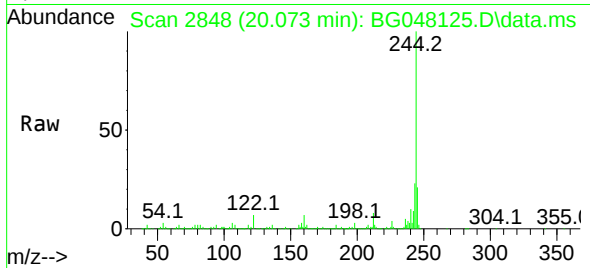




#79
 Terphenyl-d14
 Concen: 45.25 ng
 RT: 20.073 min Scan# 2848
 Delta R.T. -0.003 min
 Lab File: BG048125.D
 Acq: 9 Feb 2021 17:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-10

Tgt Ion:244 Resp: 1020828
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 6.5 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.015 min Scan# 3689
 Delta R.T. 0.003 min
 Lab File: BG048125.D
 Acq: 9 Feb 2021 17:02

Tgt Ion:264 Resp: 388933
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.8 28.2
 265 20.8 17.8 26.8

