

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053367.D
 Acq On : 28 Apr 2022 15:29
 Operator : CG/JU
 Sample : N2577-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GT-11-(25-30)

Quant Time: Apr 29 03:21:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

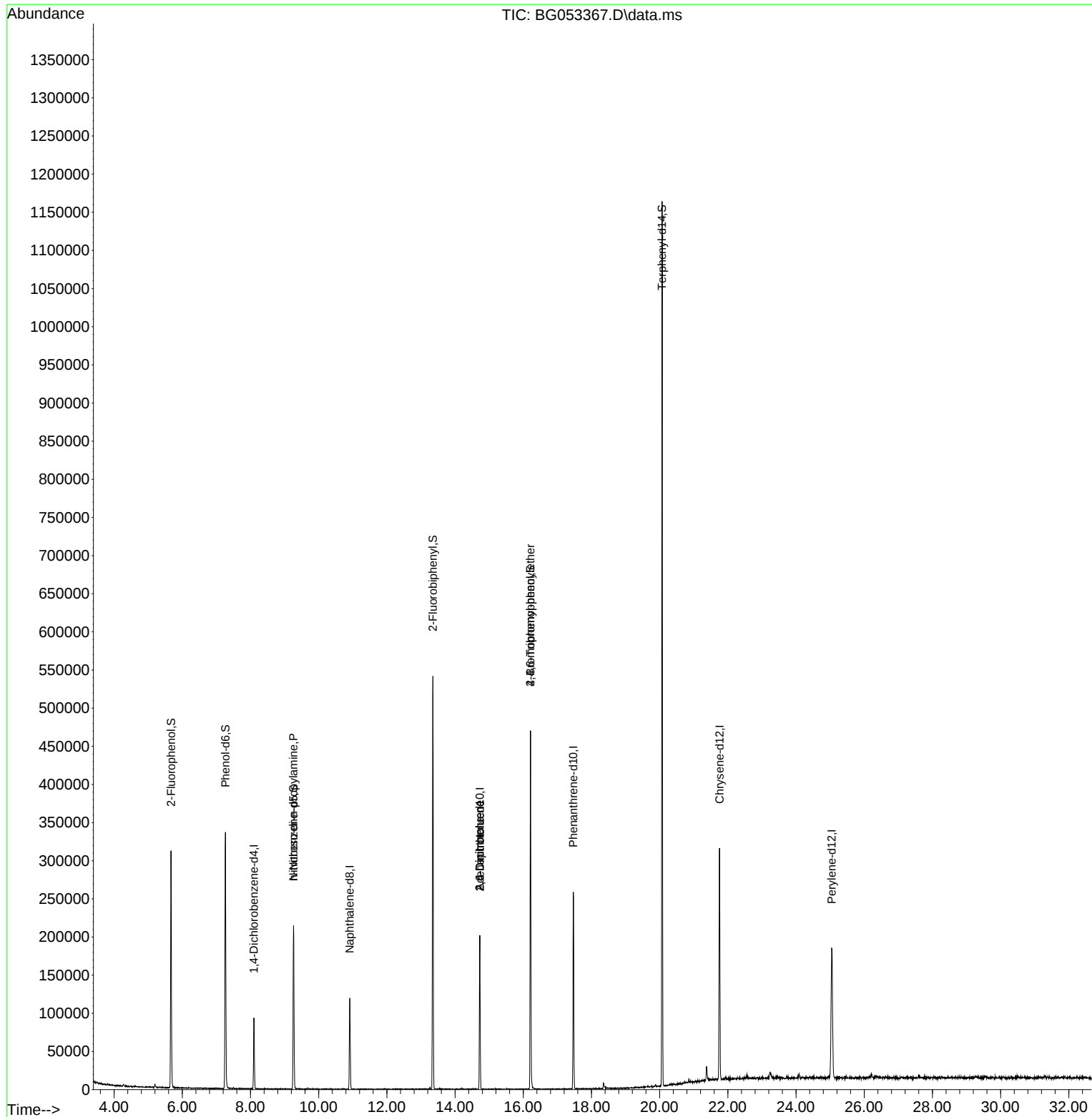
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	26129	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	99915	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	72689	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	173422	20.000	ng	-0.01
76) Chrysene-d12	21.757	240	200681	20.000	ng	0.00
86) Perylene-d12	25.047	264	201857	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	135735	89.048	ng	0.00
7) Phenol-d6	7.265	99	195016	82.964	ng	0.00
23) Nitrobenzene-d5	9.262	82	137844	56.017	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	94764	81.944	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	299299	56.777	ng	0.00
79) Terphenyl-d14	20.071	244	605109	50.925	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	19798	11.504	ng	# 75
51) 2,6-Dinitrotoluene	14.725	165	9616	7.928	ng	# 26
57) 2,4-Dinitrotoluene	14.725	165	9616	5.569	ng	# 25
67) 4-Bromophenyl-phenylether	16.212	248	6585	2.963	ng	# 1

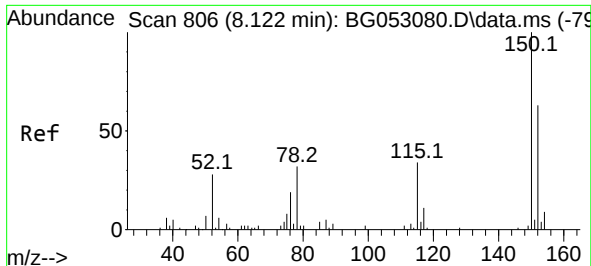
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 29 03:21:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

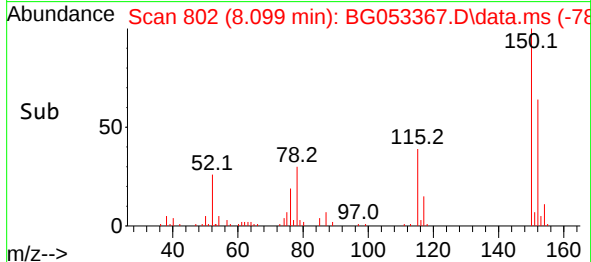
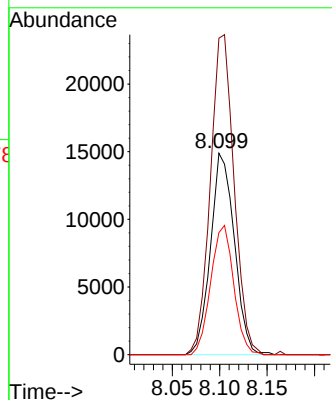
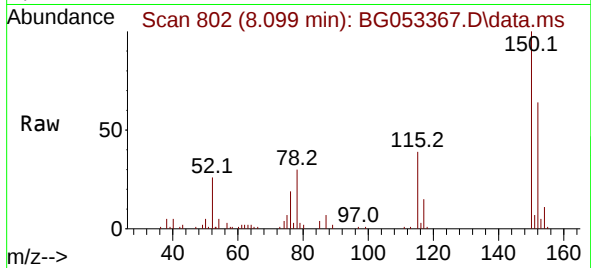




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 80
Delta R.T. -0.014 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

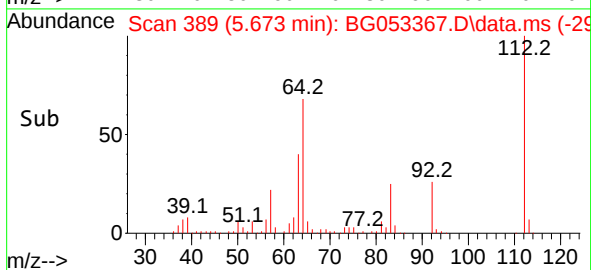
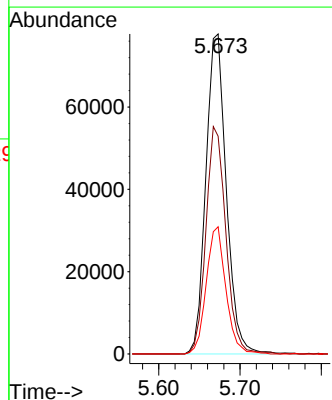
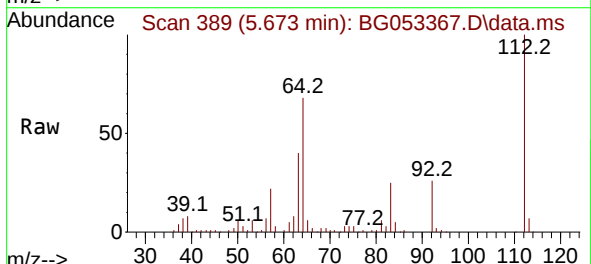
Instrument :
BNA_G
ClientSampleId :
GT-11-(25-30)

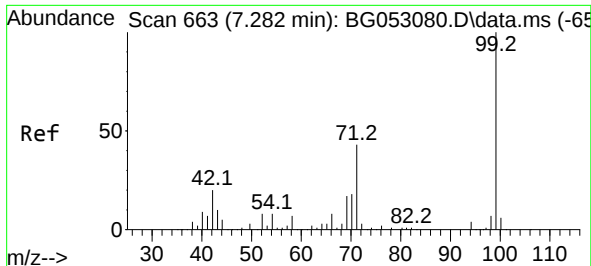
Tgt Ion:152 Resp: 26129
Ion Ratio Lower Upper
152 100
150 157.1 114.6 172.0
115 60.6 45.9 68.9



#5
2-Fluorophenol
Concen: 89.048 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

Tgt Ion:112 Resp: 135735
Ion Ratio Lower Upper
112 100
64 68.1 48.0 72.0
63 39.7 26.5 39.7#

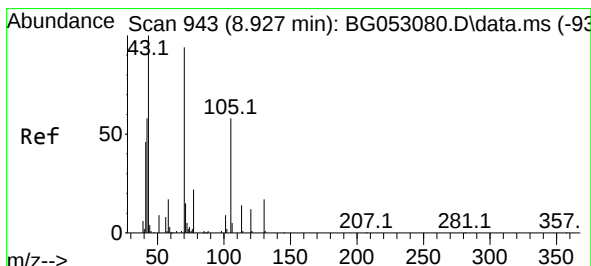
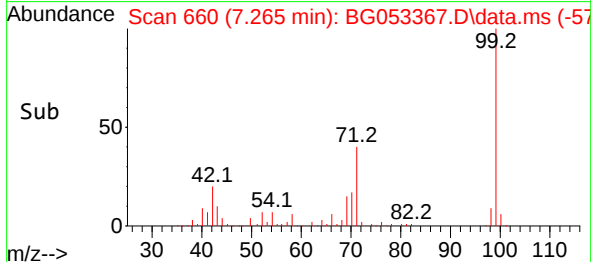
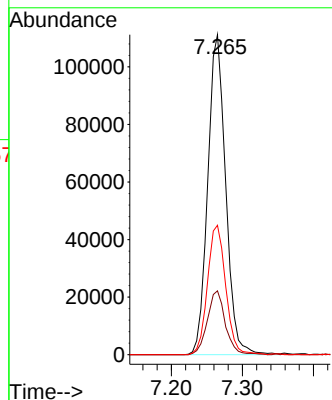
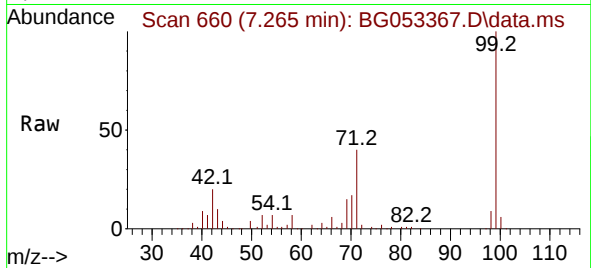




#7
Phenol-d6
Concen: 82.964 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

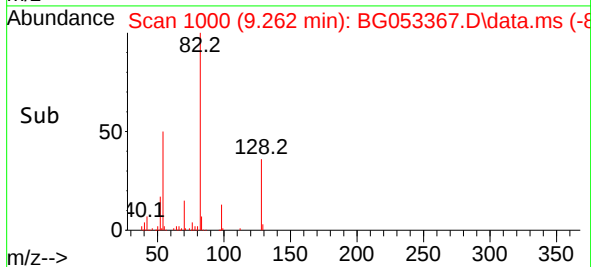
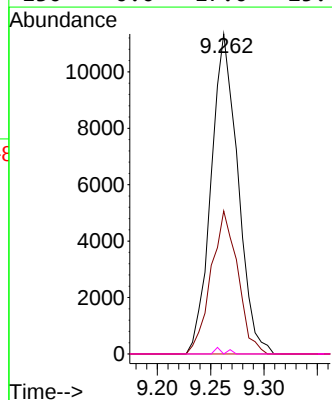
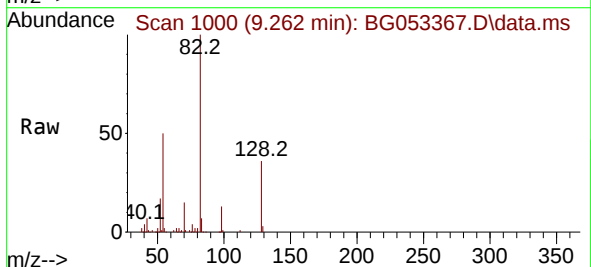
Instrument :
BNA_G
ClientSampleId :
GT-11-(25-30)

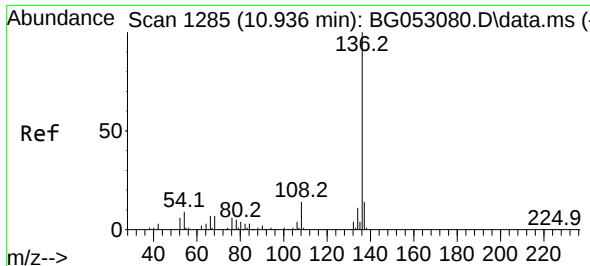
Tgt Ion: 99 Resp: 195016
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 40.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.504 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

Tgt Ion: 70 Resp: 19798
Ion Ratio Lower Upper
70 100
42 44.7 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

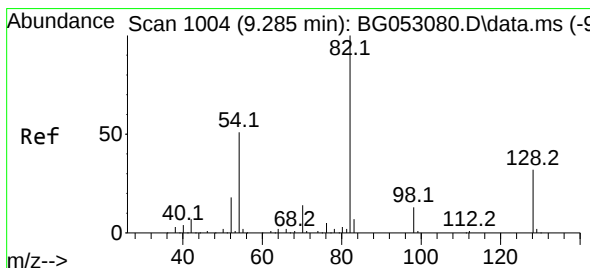
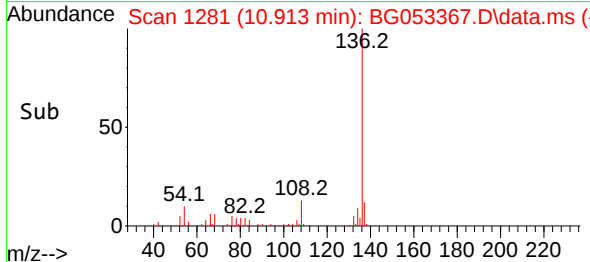
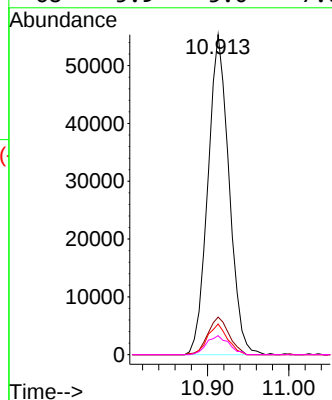
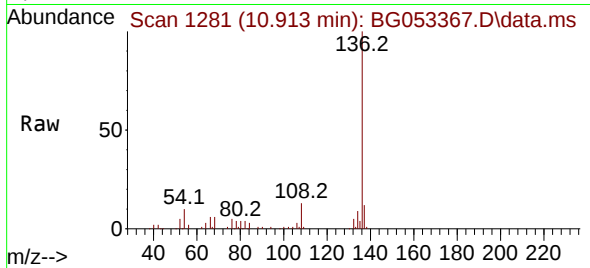




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

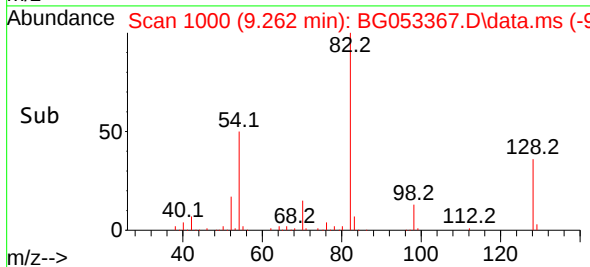
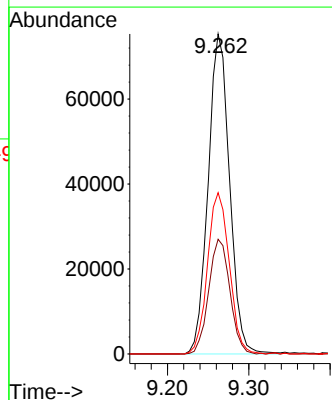
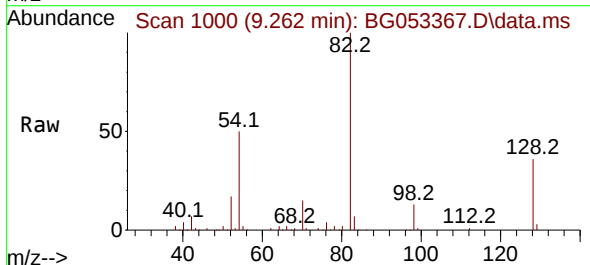
Instrument :
BNA_G
ClientSampleId :
GT-11-(25-30)

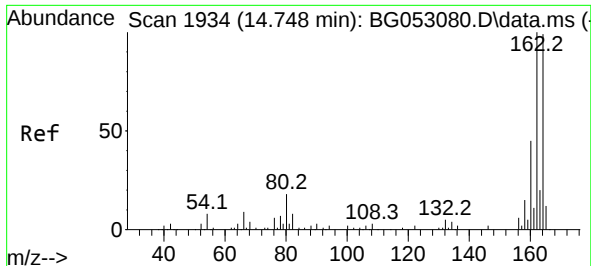
Tgt Ion:	136	Resp:	99915
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.4	14.2
54	9.6	6.4	9.6#
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 56.017 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.014 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

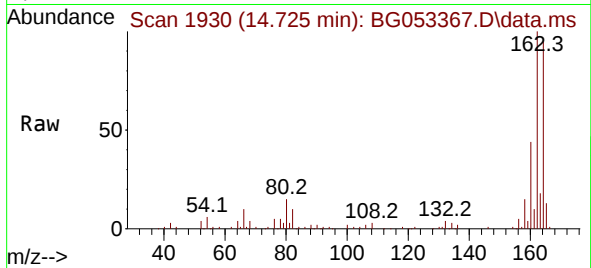
Tgt Ion:	82	Resp:	137844
Ion Ratio	Lower	Upper	
82	100		
128	35.8	31.3	46.9
54	50.4	37.8	56.8



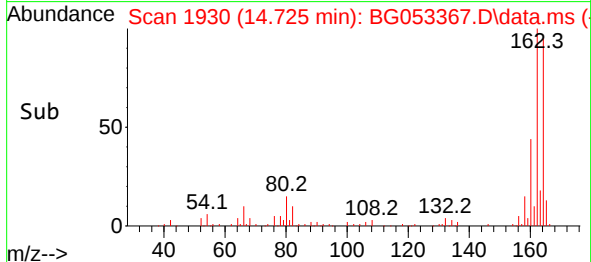
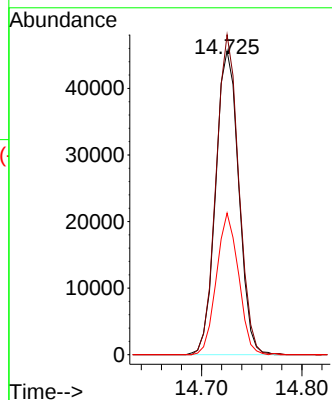


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.725 min Scan# 1930
 Delta R.T. -0.008 min
 Lab File: BG053367.D
 Acq: 28 Apr 2022 15:29

Instrument :
 BNA_G
 ClientSampleId :
 GT-11-(25-30)

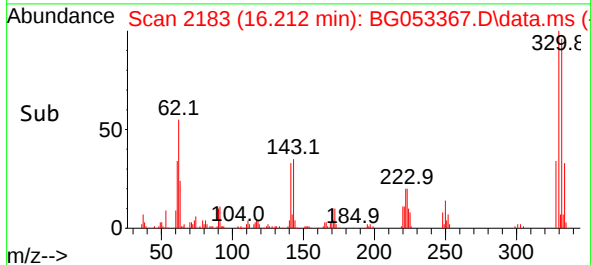
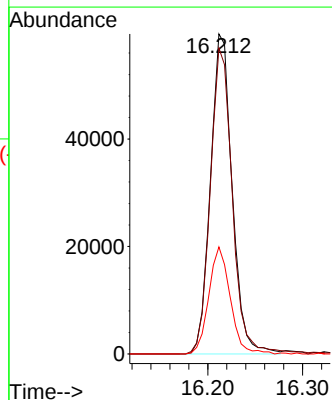
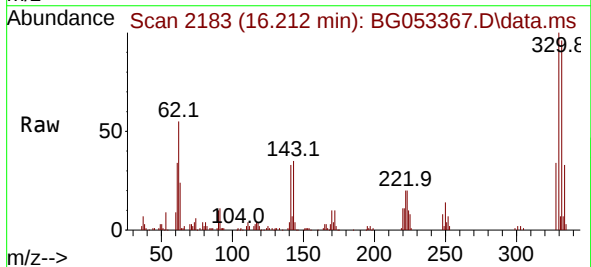


Tgt Ion:	164	Resp:	72689
Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.0	120.0
160	46.6	38.8	58.2



#42
 2,4,6-Tribromophenol
 Concen: 81.944 ng
 RT: 16.212 min Scan# 2183
 Delta R.T. -0.014 min
 Lab File: BG053367.D
 Acq: 28 Apr 2022 15:29

Tgt Ion:	330	Resp:	94764
Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.8	113.6
141	33.1	24.6	36.8

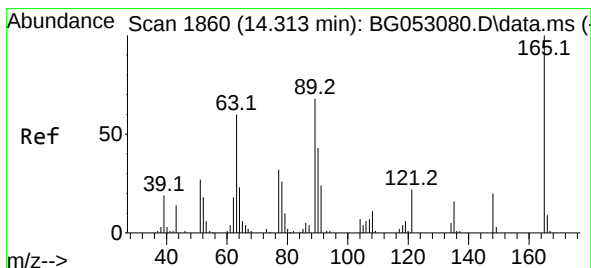
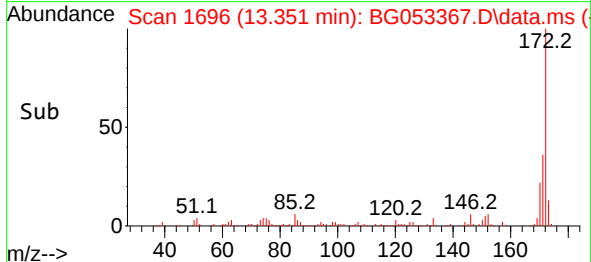
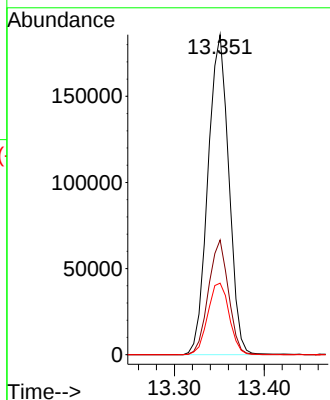
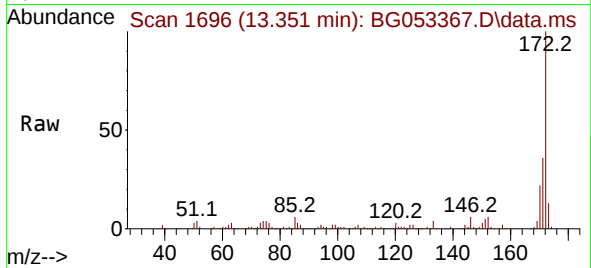




#45
2-Fluorobiphenyl
Concen: 56.777 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

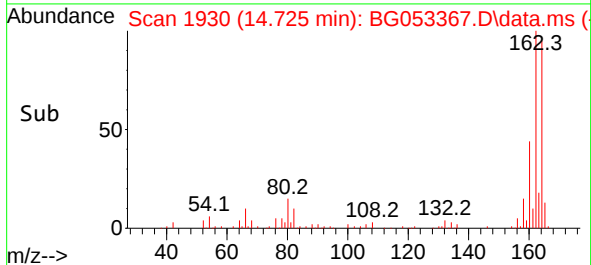
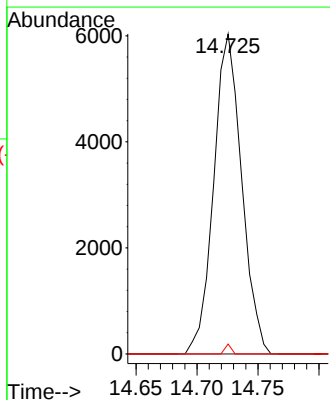
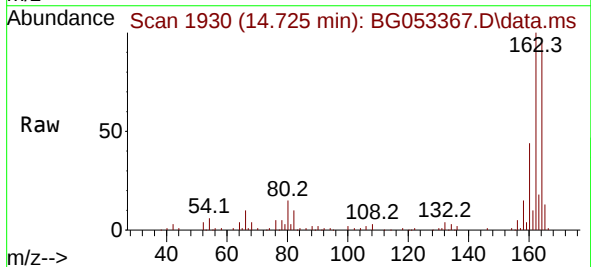
Instrument :
BNA_G
ClientSampleId :
GT-11-(25-30)

Tgt Ion:172 Resp: 299299
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 22.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.928 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

Tgt Ion:165 Resp: 9616
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.1 45.0 67.4#

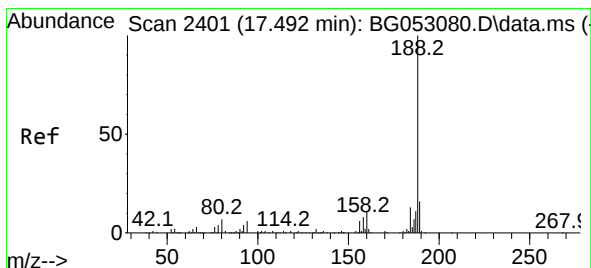
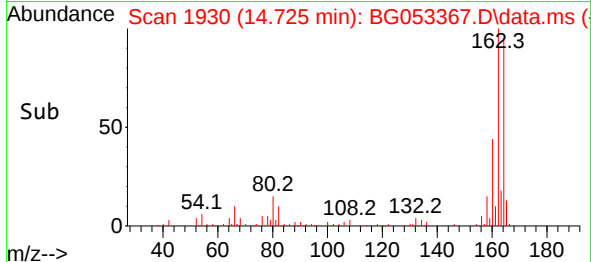
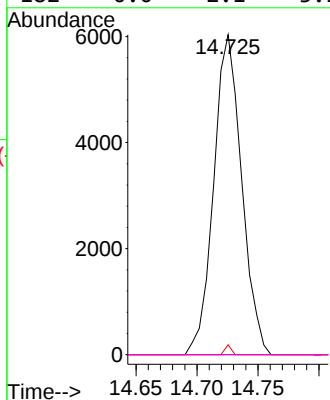
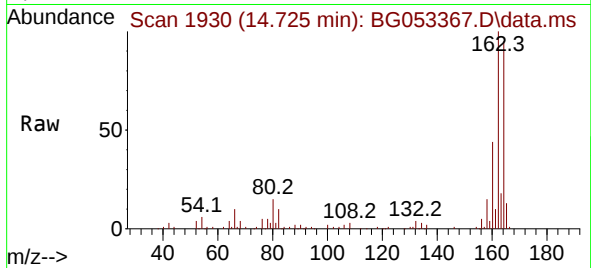




#57
2,4-Dinitrotoluene
Concen: 5.569 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.367 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

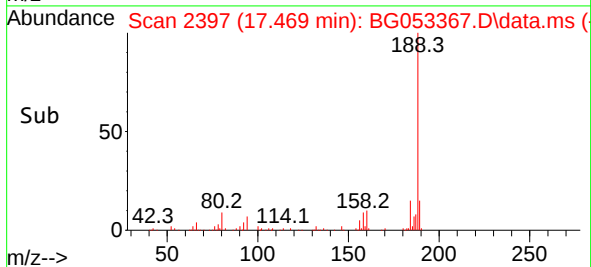
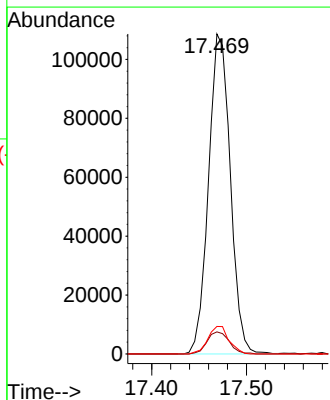
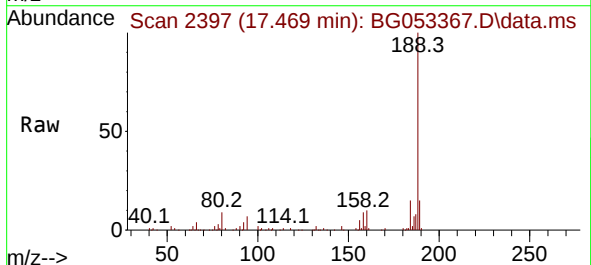
Instrument :
BNA_G
ClientSampleId :
GT-11-(25-30)

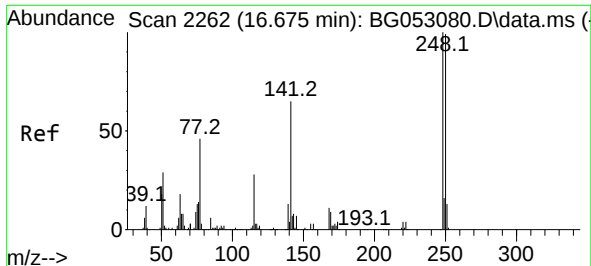
Tgt Ion:165 Resp: 9616
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 3.1 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.014 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

Tgt Ion:188 Resp: 173422
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.6 7.2 10.8

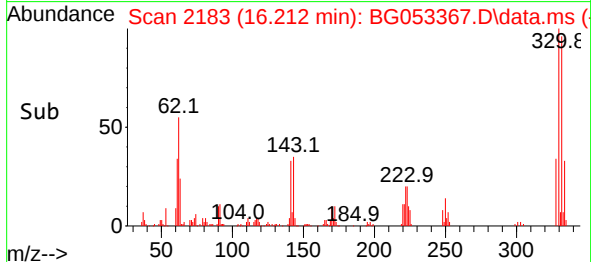
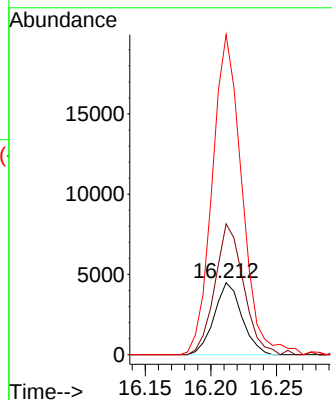
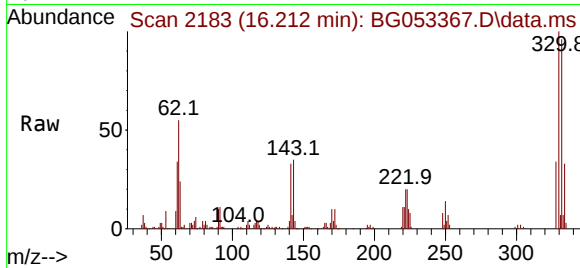




#67
4-Bromophenyl-phenylether
Concen: 2.963 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.449 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

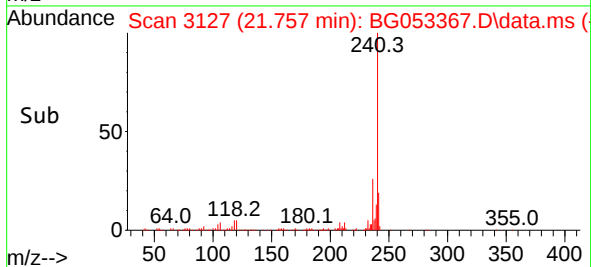
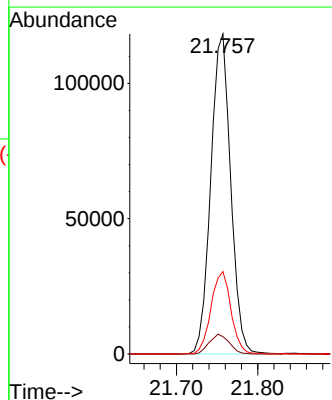
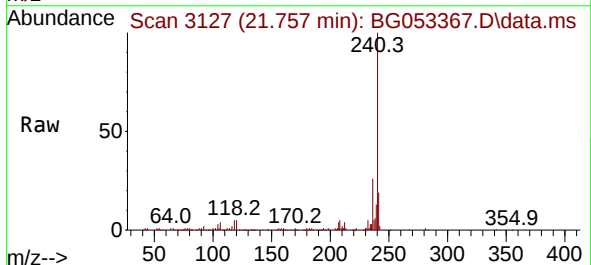
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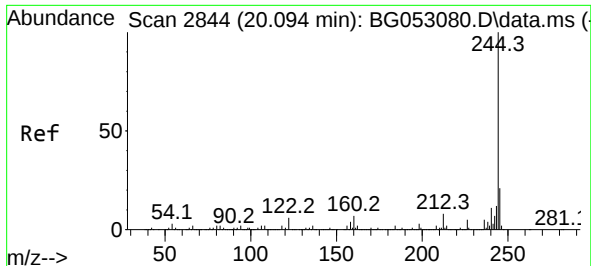
Tgt Ion:248 Resp: 6585
Ion Ratio Lower Upper
248 100
250 181.9 77.9 116.9#
141 444.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053367.D
Acq: 28 Apr 2022 15:29

Tgt Ion:240 Resp: 200681
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 25.8 19.8 29.6

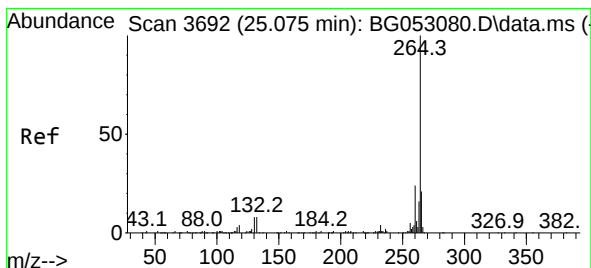
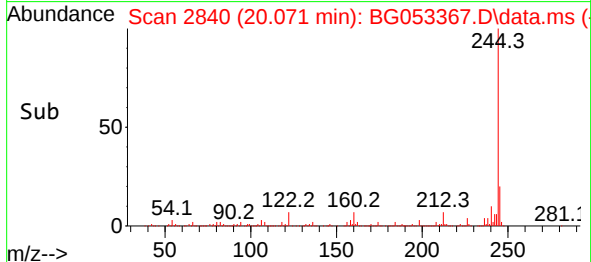
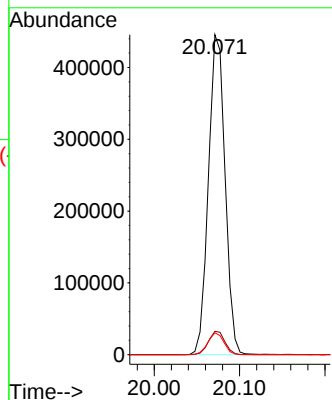
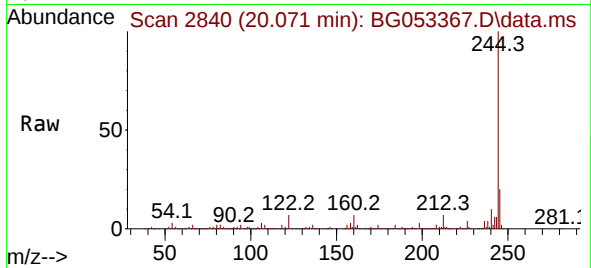




#79
 Terphenyl-d14
 Concen: 50.925 ng
 RT: 20.071 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG053367.D
 Acq: 28 Apr 2022 15:29

Instrument :
 BNA_G
 ClientSampleId :
 GT-11-(25-30)

Tgt Ion:244 Resp: 605109
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 6.9 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.047 min Scan# 3687
 Delta R.T. -0.014 min
 Lab File: BG053367.D
 Acq: 28 Apr 2022 15:29

Tgt Ion:264 Resp: 201857
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.1 15.1 22.7

