

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053120.D
 Acq On : 12 Apr 2022 15:20
 Operator : CG/JU
 Sample : N2364-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Quant Time: Apr 13 06:13:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

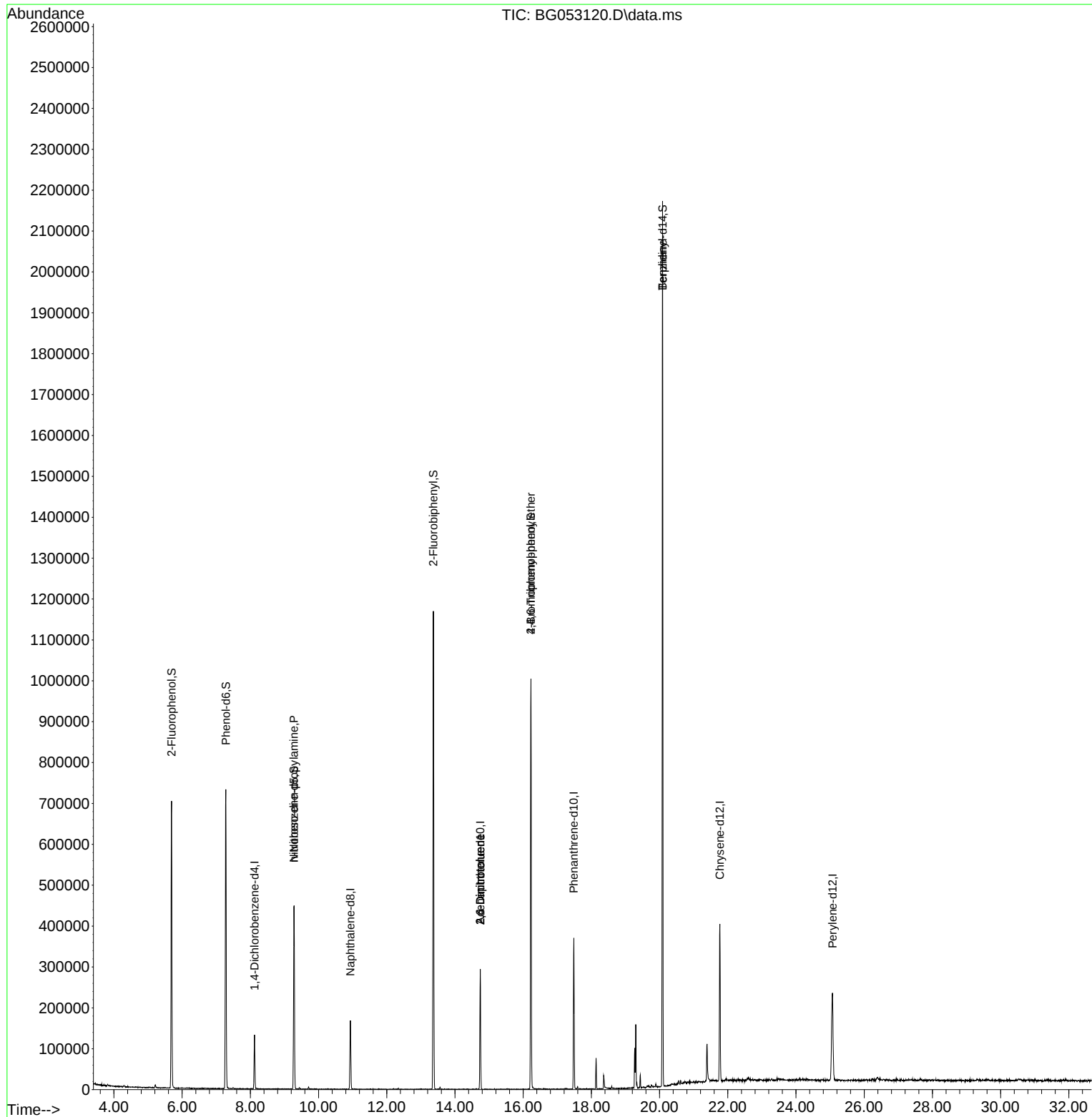
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	34933	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	139739	20.000	ng	0.00
39) Acenaphthene-d10	14.741	164	101224	20.000	ng	0.00
64) Phenanthrene-d10	17.484	188	237632	20.000	ng	0.00
76) Chrysene-d12	21.767	240	247568	20.000	ng	0.00
86) Perylene-d12	25.068	264	248391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	290063	142.336	ng	0.00
7) Phenol-d6	7.280	99	415834	132.321	ng	0.00
23) Nitrobenzene-d5	9.278	82	292794	85.076	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	198988	123.562	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	633492	86.296	ng	0.00
79) Terphenyl-d14	20.087	244	1061256	72.399	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.278	70	40939	17.794	ng	# 75
51) 2,6-Dinitrotoluene	14.741	165	12860	7.614	ng	# 24
57) 2,4-Dinitrotoluene	14.741	165	12860	5.348	ng	# 22
67) 4-Bromophenyl-phenylether	16.227	248	13327	4.377	ng	# 1
77) Benzidine	20.087	184	17764	2.515	ng	# 89

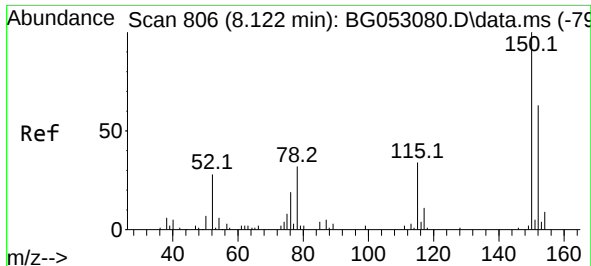
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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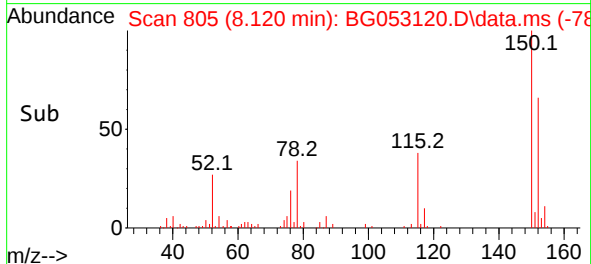
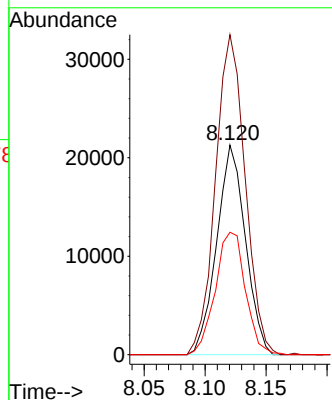
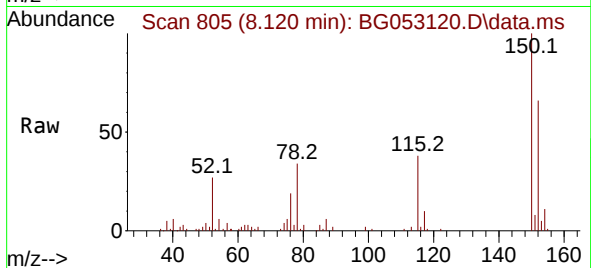




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

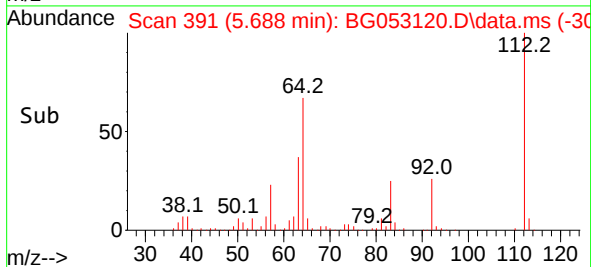
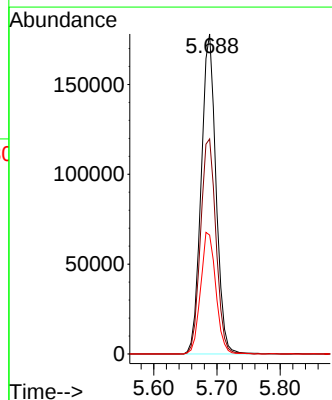
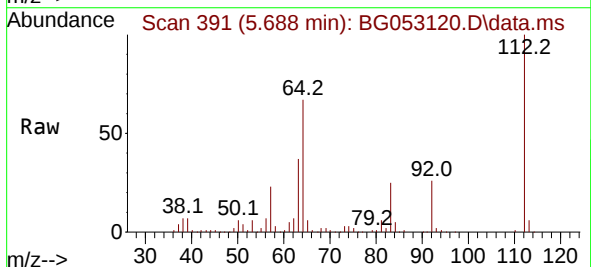
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 34933
Ion Ratio Lower Upper
152 100
150 152.6 114.6 172.0
115 58.3 45.9 68.9



#5
2-Fluorophenol
Concen: 142.336 ng
RT: 5.688 min Scan# 391
Delta R.T. 0.004 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

Tgt Ion:112 Resp: 290063
Ion Ratio Lower Upper
112 100
64 67.2 48.0 72.0
63 37.1 26.5 39.7

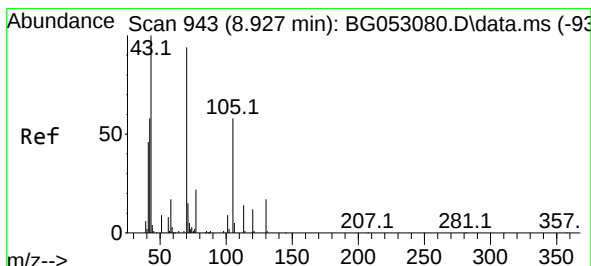
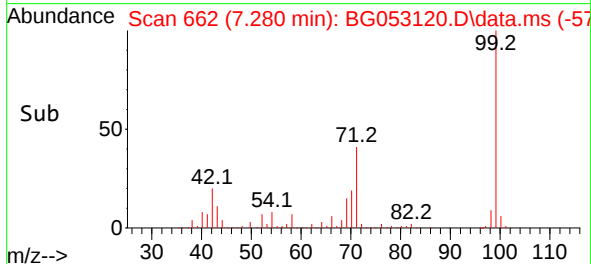
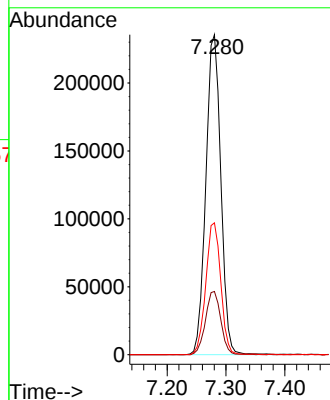
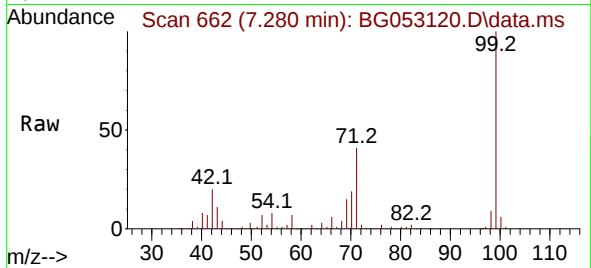




#7
Phenol-d6
Concen: 132.321 ng
RT: 7.280 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

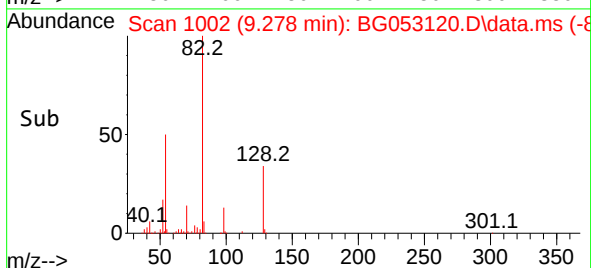
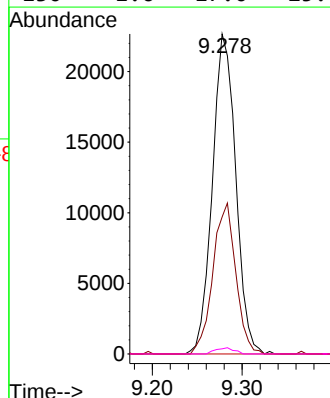
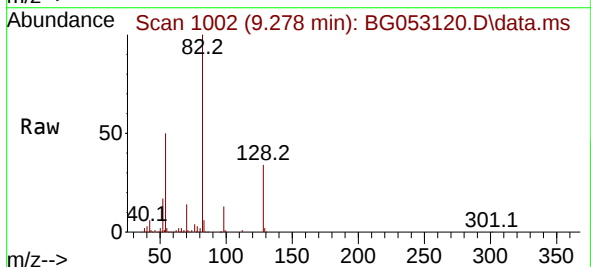
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

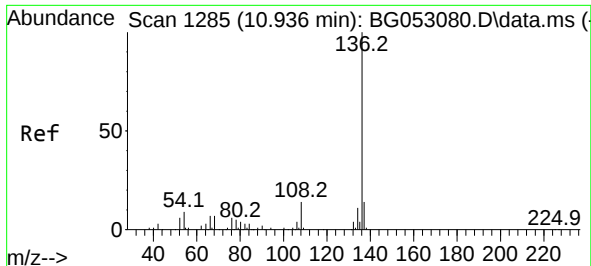
Tgt Ion: 99 Resp: 415834
Ion Ratio Lower Upper
99 100
42 19.8 14.7 22.1
71 41.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.794 ng
RT: 9.278 min Scan# 1002
Delta R.T. 0.351 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

Tgt Ion: 70 Resp: 40939
Ion Ratio Lower Upper
70 100
42 42.8 46.0 69.0#
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#



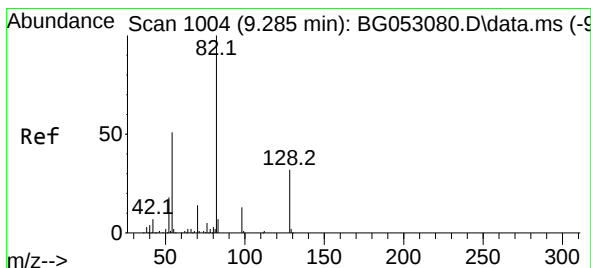
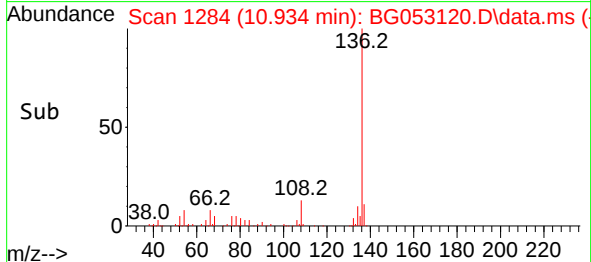
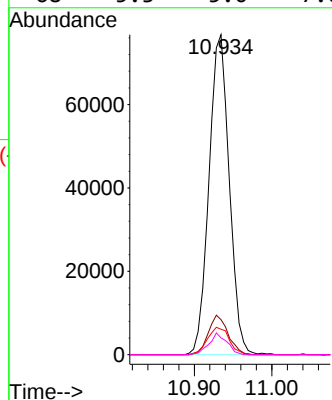
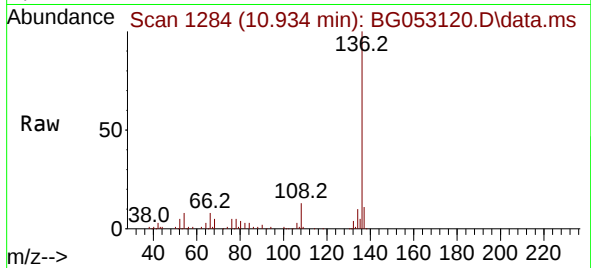


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:136 Resp: 139739

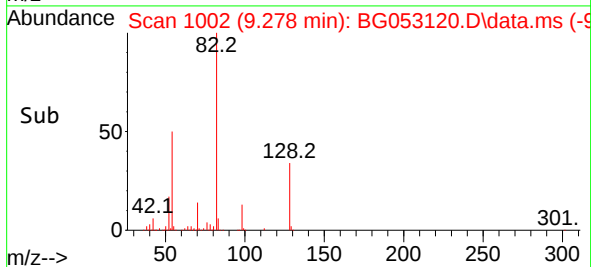
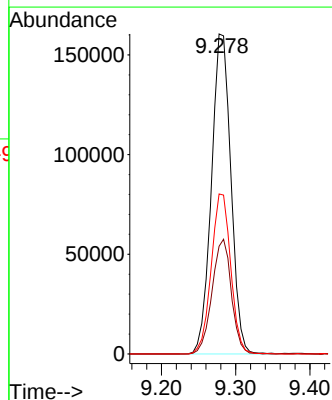
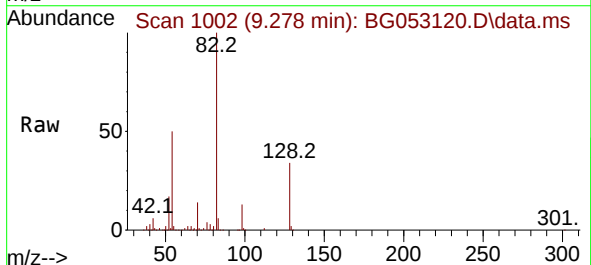
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	8.0	6.4	9.6
68	5.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 85.076 ng
RT: 9.278 min Scan# 1002
Delta R.T. -0.007 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

Tgt Ion: 82 Resp: 292794

Ion	Ratio	Lower	Upper
82	100		
128	33.7	31.3	46.9
54	50.0	37.8	56.8

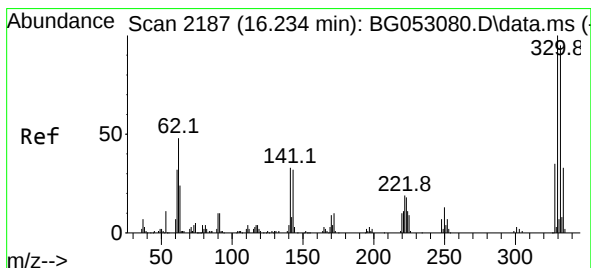
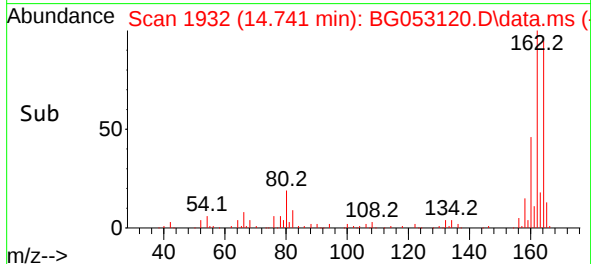
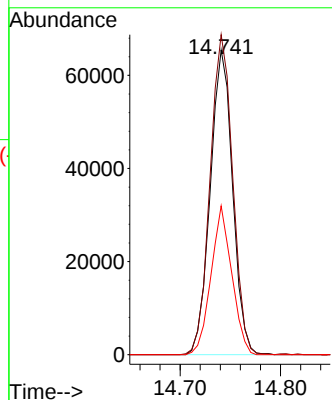
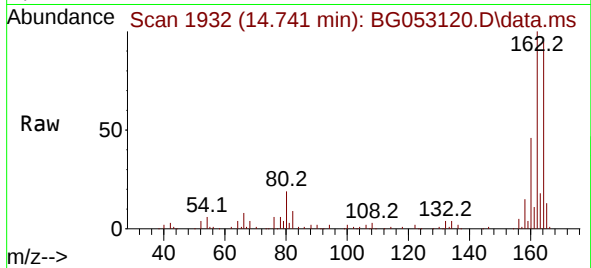




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.741 min Scan# 1932
 Delta R.T. -0.007 min
 Lab File: BG053120.D
 Acq: 12 Apr 2022 15:20

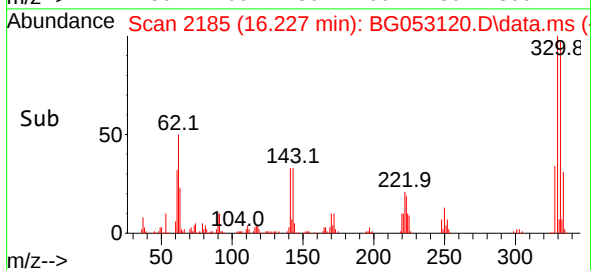
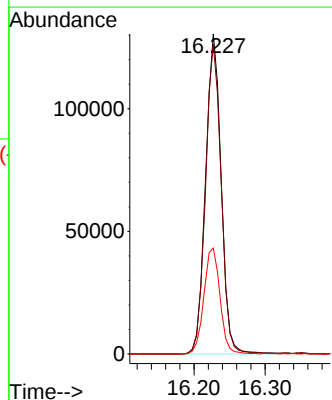
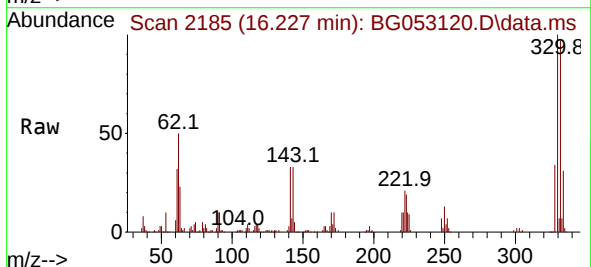
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Tgt Ion:164 Resp: 101224
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.0 120.0
 160 48.8 38.8 58.2



#42
 2,4,6-Tribromophenol
 Concen: 123.562 ng
 RT: 16.227 min Scan# 2185
 Delta R.T. -0.007 min
 Lab File: BG053120.D
 Acq: 12 Apr 2022 15:20

Tgt Ion:330 Resp: 198988
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.8 113.6
 141 34.2 24.6 36.8

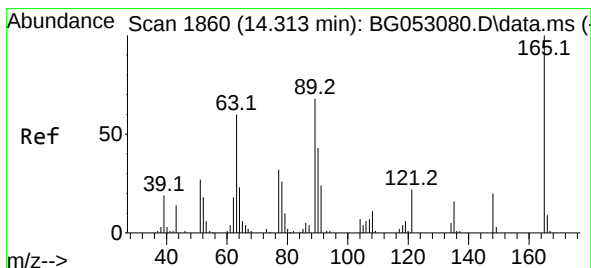
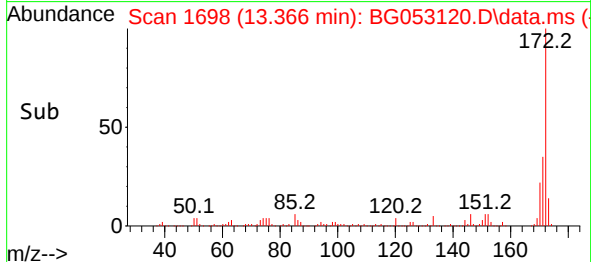
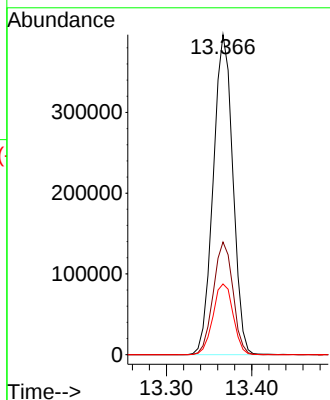
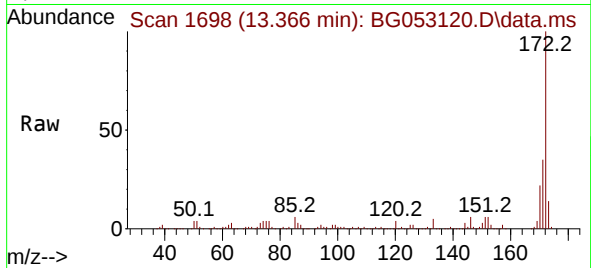




#45
 2-Fluorobiphenyl
 Concen: 86.296 ng
 RT: 13.366 min Scan# 1
 Delta R.T. -0.001 min
 Lab File: BG053120.D
 Acq: 12 Apr 2022 15:20

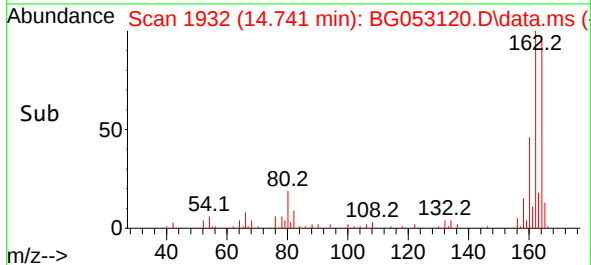
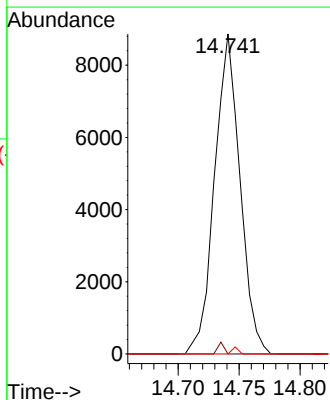
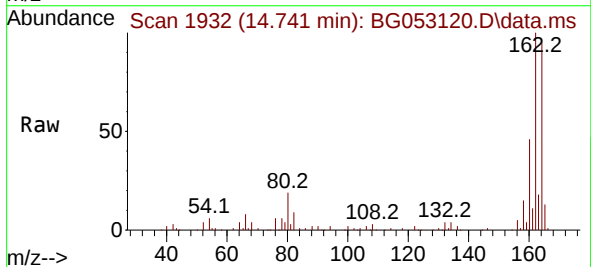
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Tgt Ion:172 Resp: 633492
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 22.1 18.0 27.0



#51
 2,6-Dinitrotoluene
 Concen: 7.614 ng
 RT: 14.741 min Scan# 1932
 Delta R.T. 0.427 min
 Lab File: BG053120.D
 Acq: 12 Apr 2022 15:20

Tgt Ion:165 Resp: 12860
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.7 65.5#
 89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.348 ng

RT: 14.741 min Scan# 1994

Delta R.T. -0.360 min

Lab File: BG053120.D

Acq: 12 Apr 2022 15:20

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

Tgt Ion:165 Resp: 12860

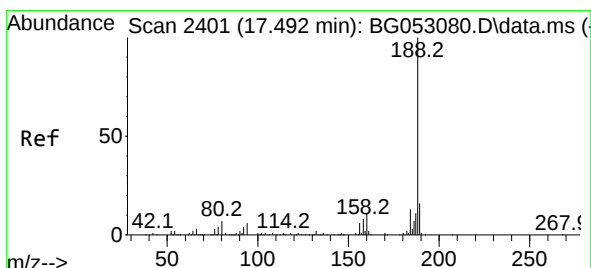
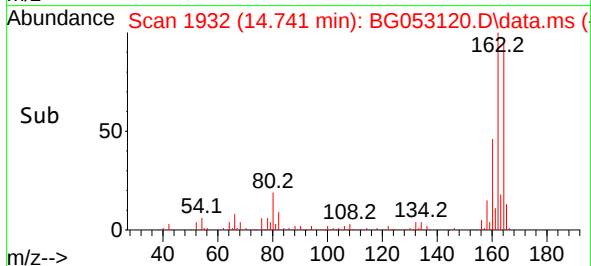
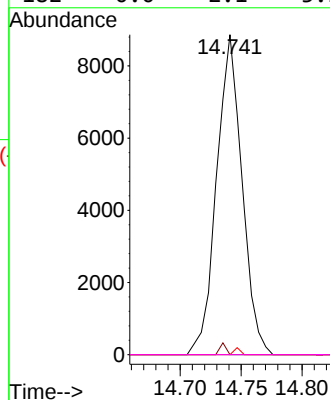
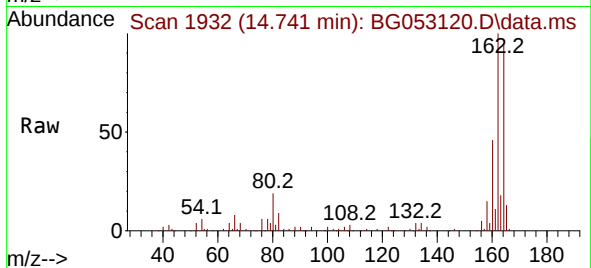
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.484 min Scan# 2399

Delta R.T. -0.007 min

Lab File: BG053120.D

Acq: 12 Apr 2022 15:20

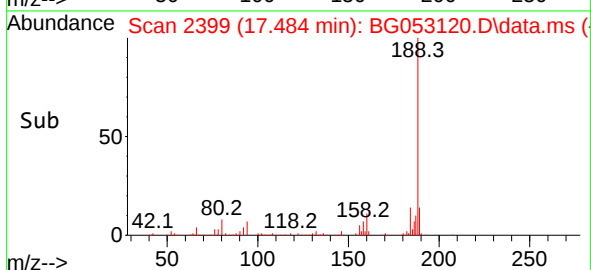
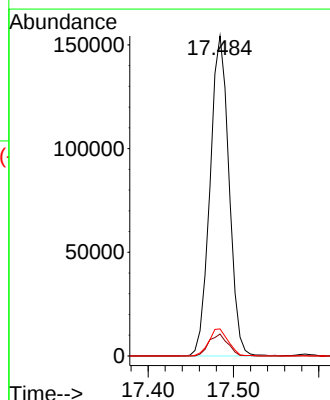
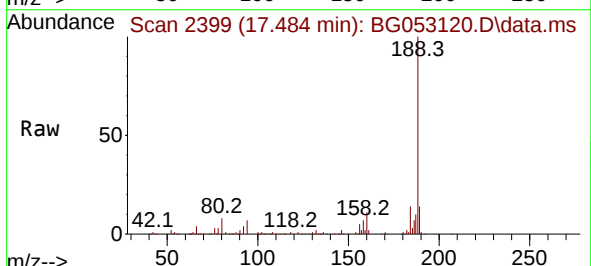
Tgt Ion:188 Resp: 237632

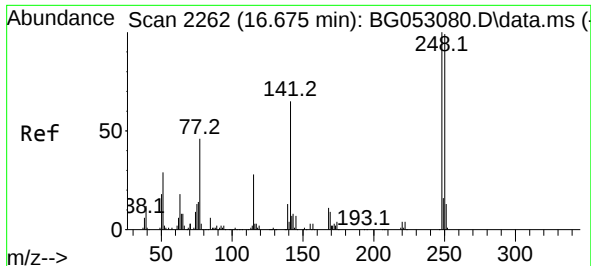
Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 8.5 7.2 10.8

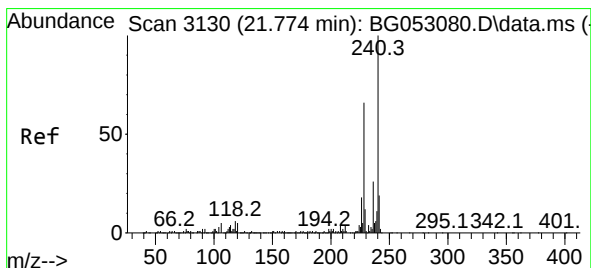
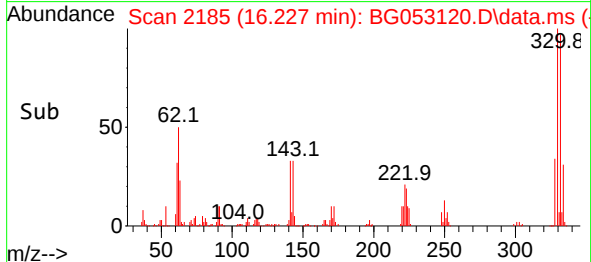
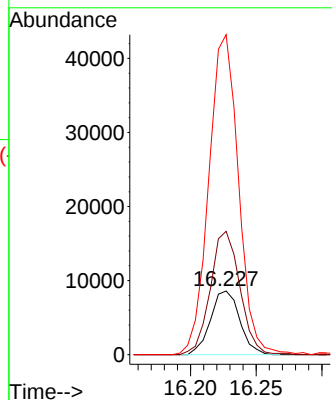
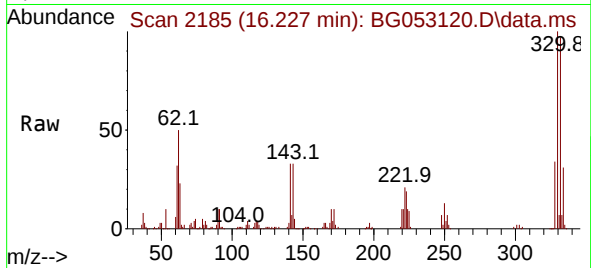




#67
4-Bromophenyl-phenylether
Concen: 4.377 ng
RT: 16.227 min Scan# 21185
Delta R.T. -0.448 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

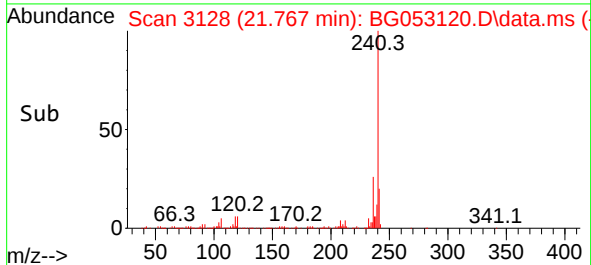
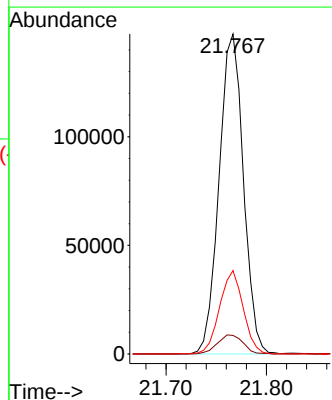
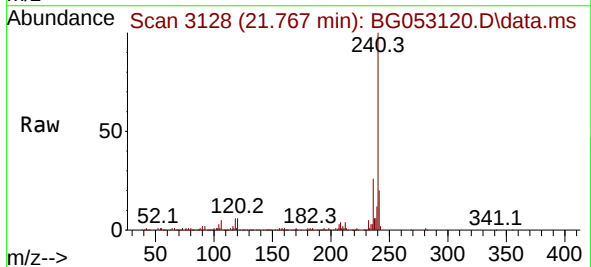
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:248 Resp: 13327
Ion Ratio Lower Upper
248 100
250 193.7 77.9 116.9#
141 502.2 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.767 min Scan# 3128
Delta R.T. -0.007 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

Tgt Ion:240 Resp: 247568
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 26.0 19.8 29.6

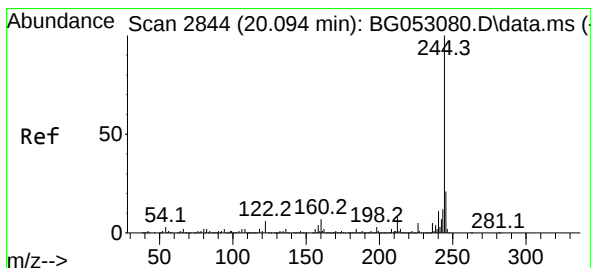
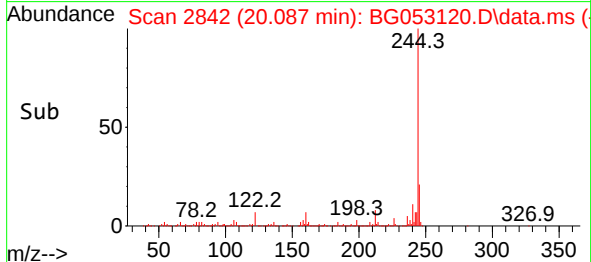
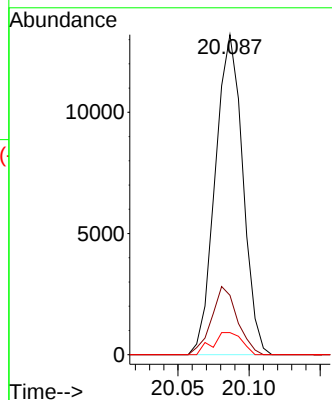
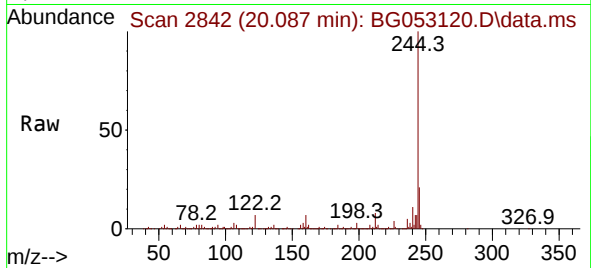




#77
Benzidine
Concen: 2.515 ng
RT: 20.087 min Scan# 2842
Delta R.T. 0.375 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

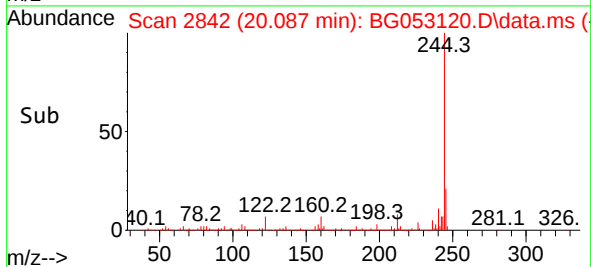
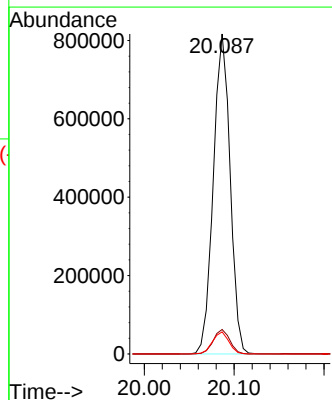
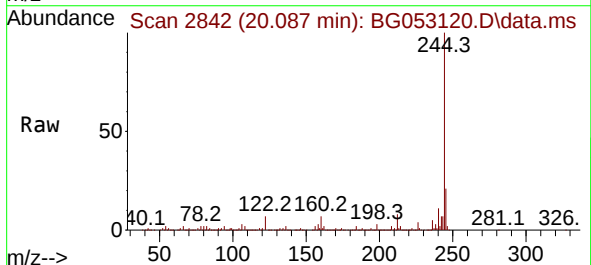
Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

Tgt Ion:184 Resp: 17764
Ion Ratio Lower Upper
184 100
185 18.5 11.5 17.3#
183 6.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 72.399 ng
RT: 20.087 min Scan# 2842
Delta R.T. -0.007 min
Lab File: BG053120.D
Acq: 12 Apr 2022 15:20

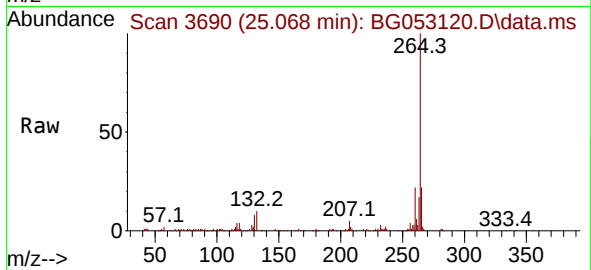
Tgt Ion:244 Resp: 1061256
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.9 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.068 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG053120.D
 Acq: 12 Apr 2022 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP



Tgt Ion:	264	Resp:	248391
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.2
265	21.6	15.1	22.7

