

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053694.D
 Acq On : 25 May 2022 15:11
 Operator : CG/JU
 Sample : PB145039BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145039BL

Quant Time: May 26 02:51:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

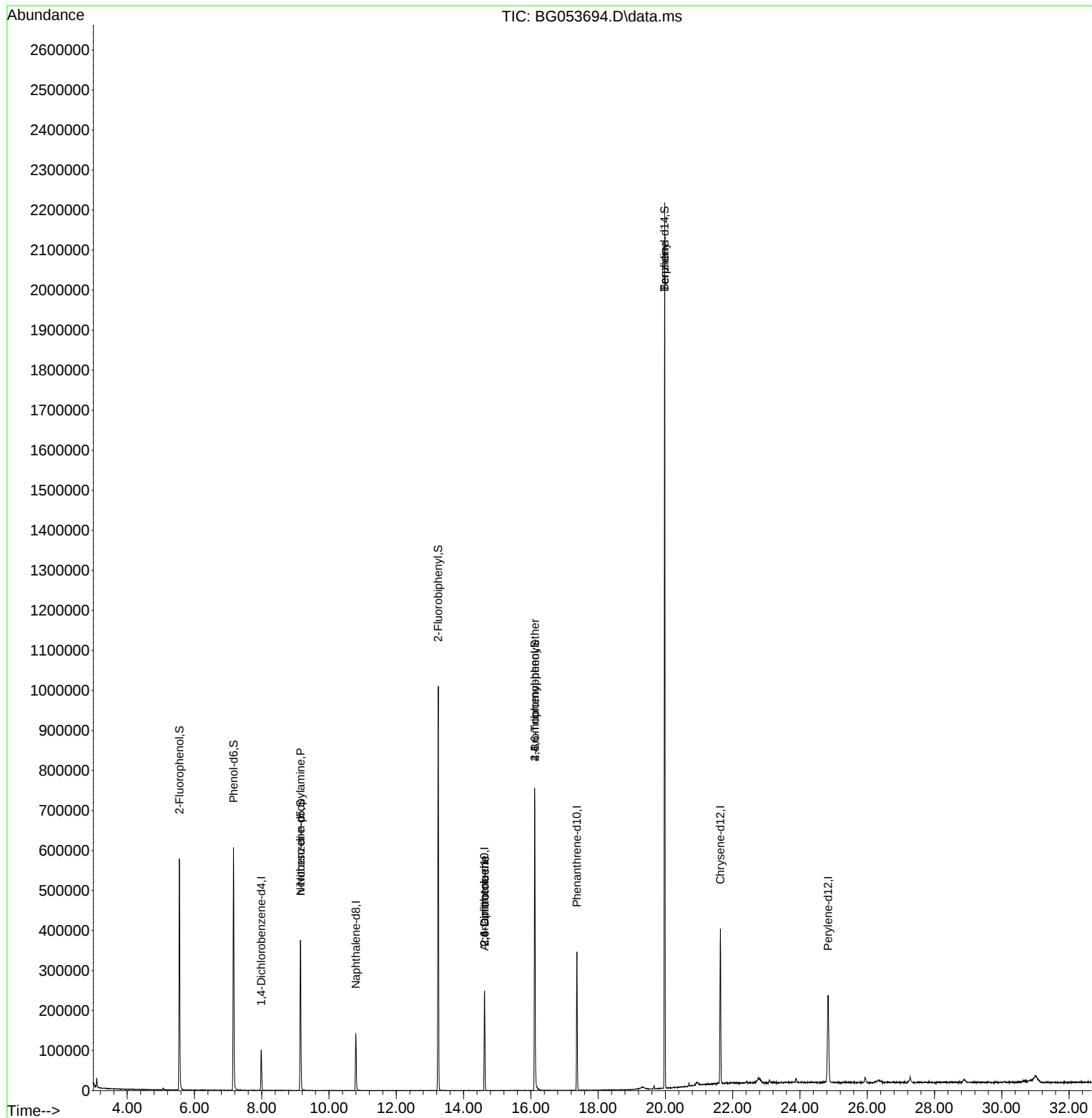
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	28087	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	119917	20.000	ng	0.00
39) Acenaphthene-d10	14.622	164	90806	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	227159	20.000	ng	0.00
76) Chrysene-d12	21.636	240	240608	20.000	ng	# 0.00
86) Perylene-d12	24.837	264	231460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	236285	142.773	ng	0.00
7) Phenol-d6	7.161	99	341849	136.104	ng	0.00
23) Nitrobenzene-d5	9.153	82	235958	83.761	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	157836	117.851	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	529282	85.174	ng	0.00
79) Terphenyl-d14	19.979	244	1104577	85.502	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.153	70	32804	18.203	ng	# 75
51) 2,6-Dinitrotoluene	14.627	165	11551	8.216	ng	# 16
57) 2,4-Dinitrotoluene	14.627	165	11551	5.668	ng	# 21
67) 4-Bromophenyl-phenylether	16.120	248	9865	3.718	ng	# 1
77) Benzidine	19.979	184	18561	3.579	ng	# 94

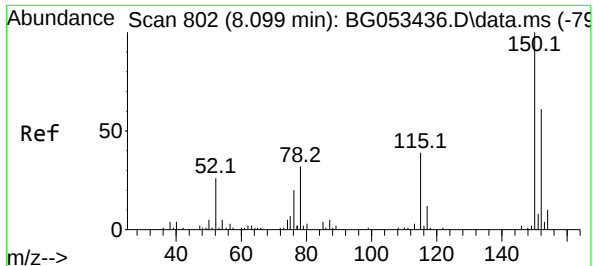
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
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QLast Update : Wed May 25 15:11:41 2022
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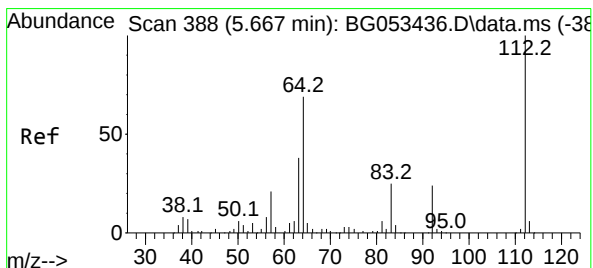
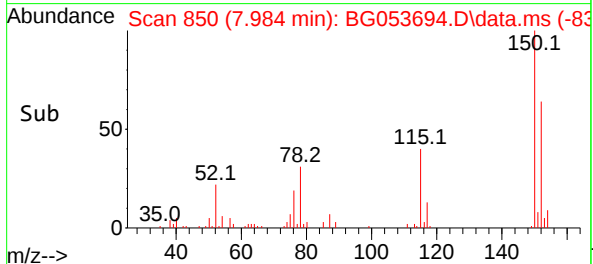
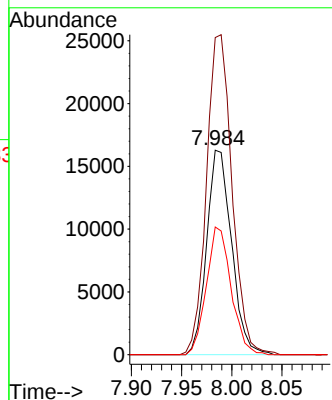
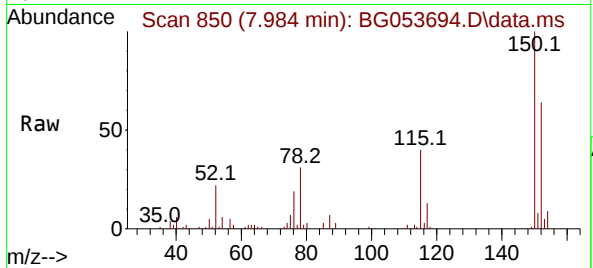




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 802
Delta R.T. -0.002 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

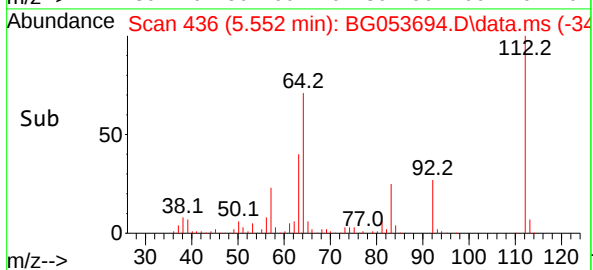
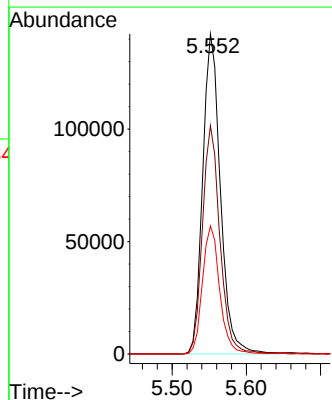
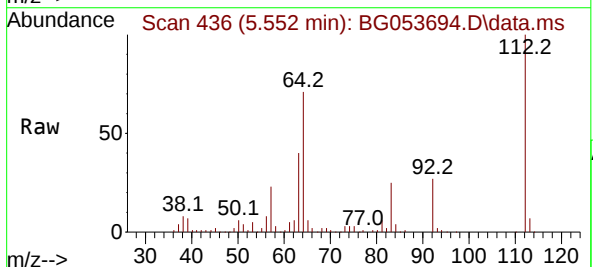
Instrument :
BNA_G
ClientSampleId :
PB145039BL

Tgt Ion:152 Resp: 28087
Ion Ratio Lower Upper
152 100
150 155.1 131.6 197.4
115 62.4 50.9 76.3



#5
2-Fluorophenol
Concen: 142.773 ng
RT: 5.552 min Scan# 436
Delta R.T. -0.003 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

Tgt Ion:112 Resp: 236285
Ion Ratio Lower Upper
112 100
64 71.3 55.1 82.7
63 40.0 30.4 45.6

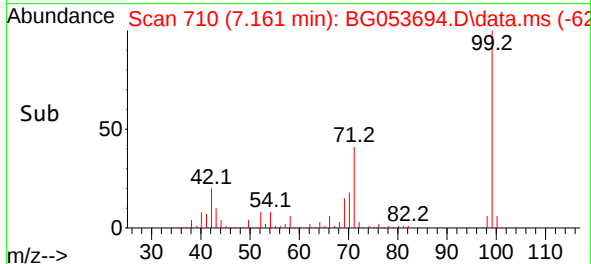
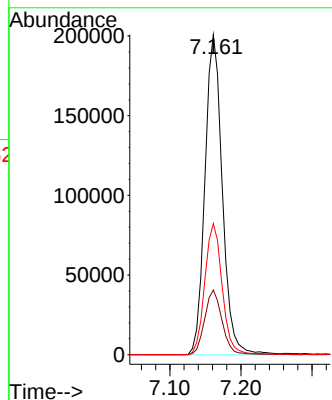
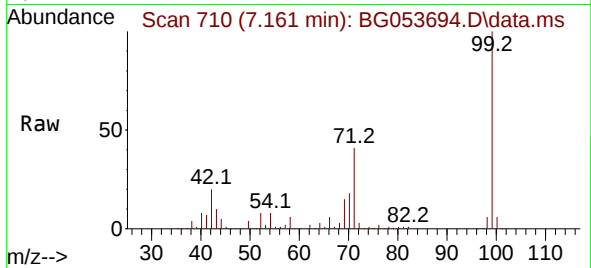




#7
Phenol-d6
Concen: 136.104 ng
RT: 7.161 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

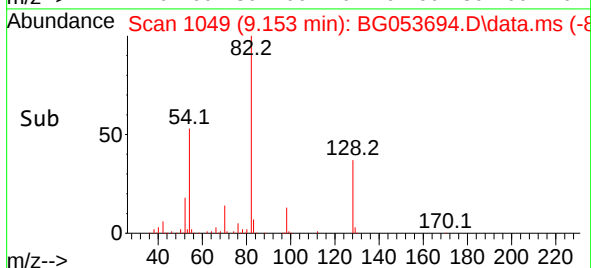
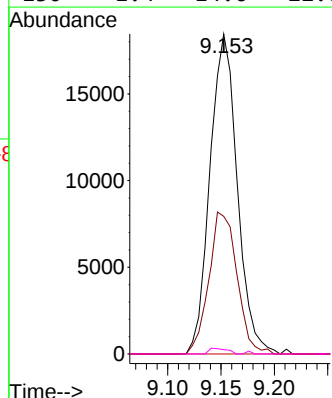
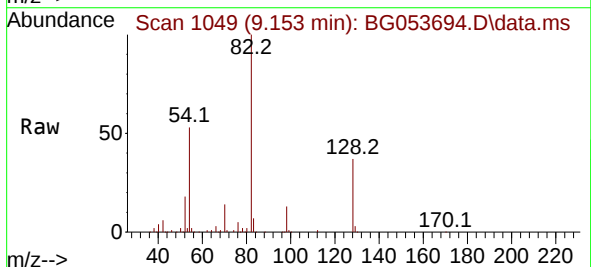
Instrument :
BNA_G
ClientSampleId :
PB145039BL

Tgt Ion: 99 Resp: 341849
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 40.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.203 ng
RT: 9.153 min Scan# 1049
Delta R.T. 0.356 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

Tgt Ion: 70 Resp: 32804
Ion Ratio Lower Upper
70 100
42 43.0 47.3 70.9#
101 0.0 7.0 10.4#
130 1.4 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.797 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG053694.D

Acq: 25 May 2022 15:11

Instrument :

BNA_G

ClientSampleId :

PB145039BL

Tgt Ion:136 Resp: 119917

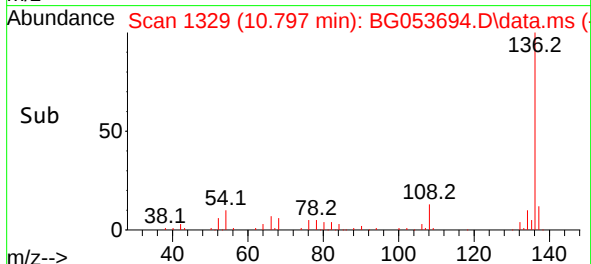
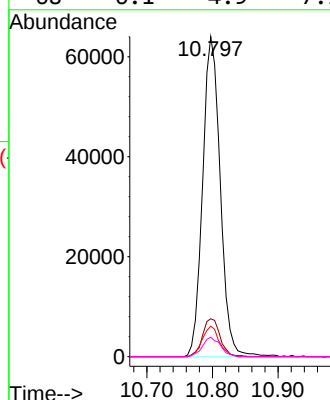
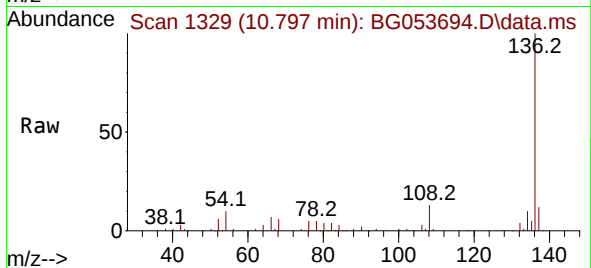
Ion Ratio Lower Upper

136 100

137 11.8 8.5 12.7

54 9.5 7.4 11.2

68 6.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 83.761 ng

RT: 9.153 min Scan# 1049

Delta R.T. -0.003 min

Lab File: BG053694.D

Acq: 25 May 2022 15:11

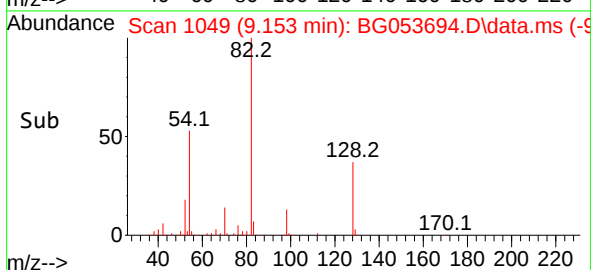
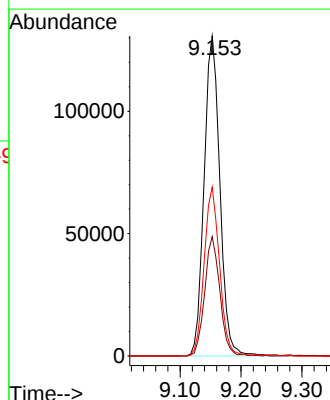
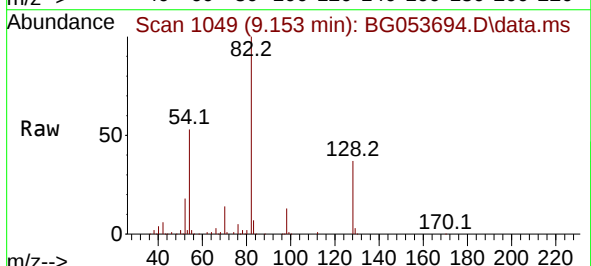
Tgt Ion: 82 Resp: 235958

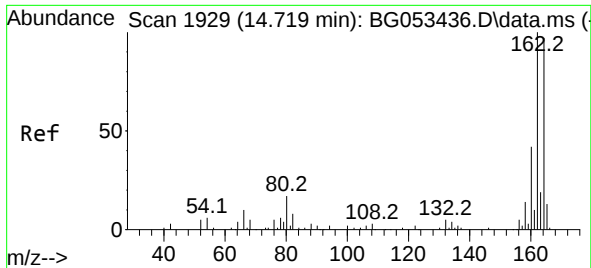
Ion Ratio Lower Upper

82 100

128 37.3 27.9 41.9

54 52.8 41.2 61.8

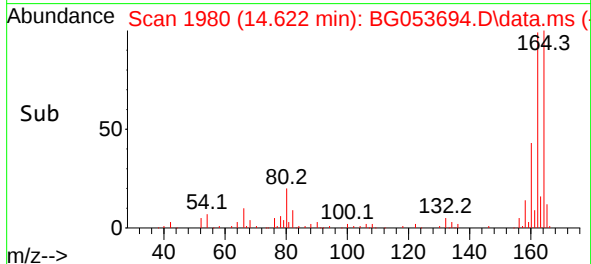
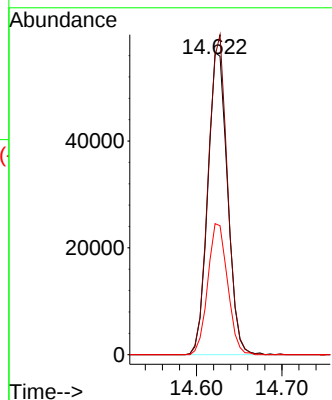
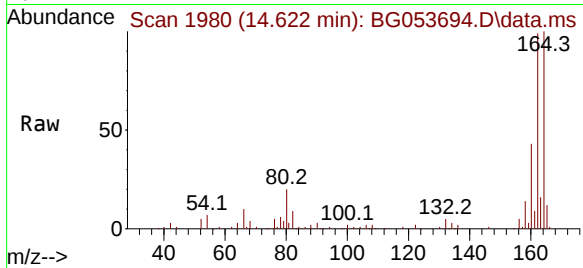




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

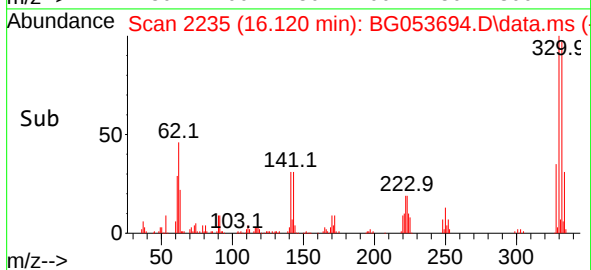
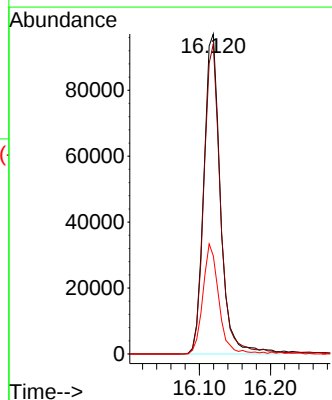
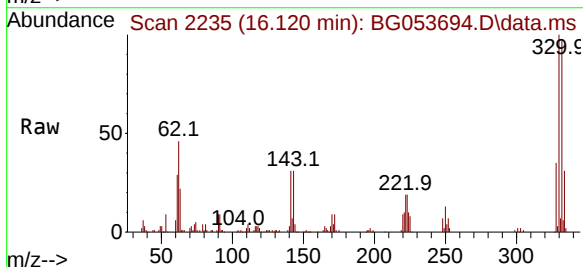
Instrument :
BNA_G
ClientSampleId :
PB145039BL

Tgt Ion:164 Resp: 90806
Ion Ratio Lower Upper
164 100
162 98.8 82.3 123.5
160 43.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 117.851 ng
RT: 16.120 min Scan# 2235
Delta R.T. 0.003 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

Tgt Ion:330 Resp: 157836
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 33.1 27.1 40.7

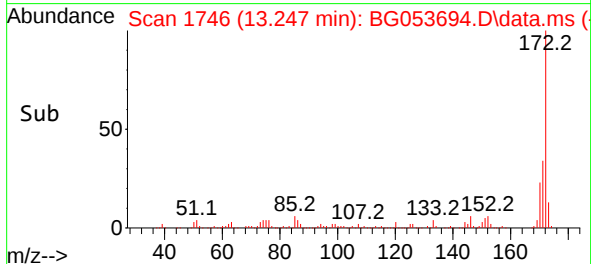
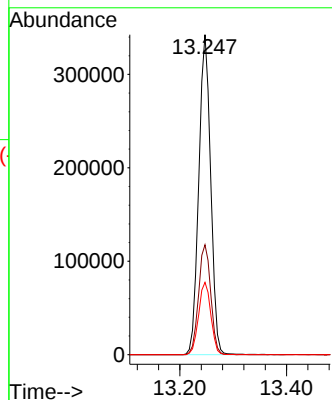
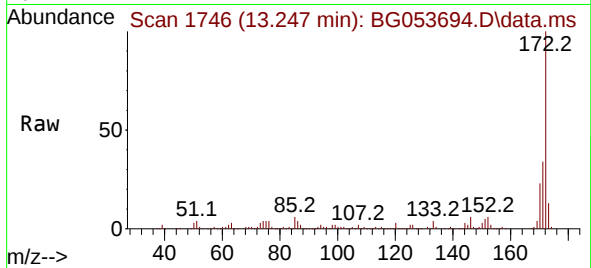




#45
2-Fluorobiphenyl
Concen: 85.174 ng
RT: 13.247 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

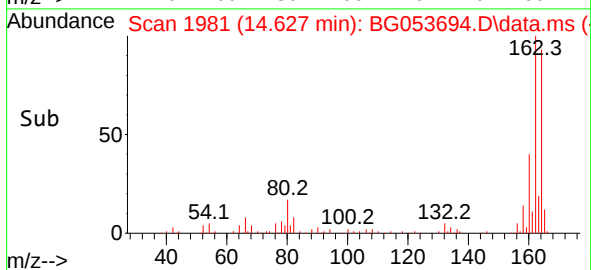
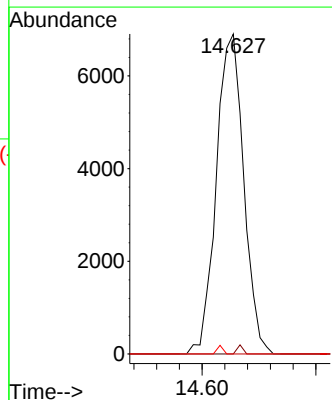
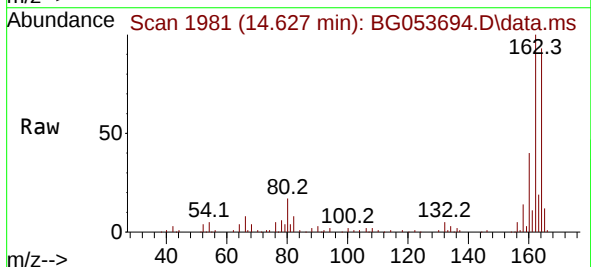
Instrument :
BNA_G
ClientSampleId :
PB145039BL

Tgt Ion:172 Resp: 529282
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 22.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.216 ng
RT: 14.627 min Scan# 1981
Delta R.T. 0.426 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

Tgt Ion:165 Resp: 11551
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

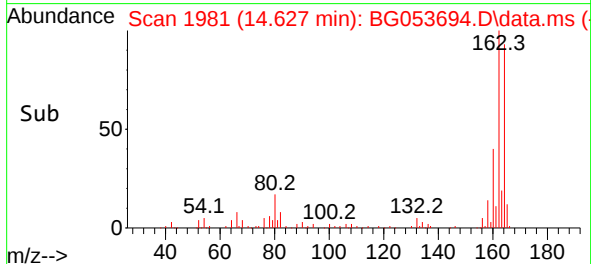
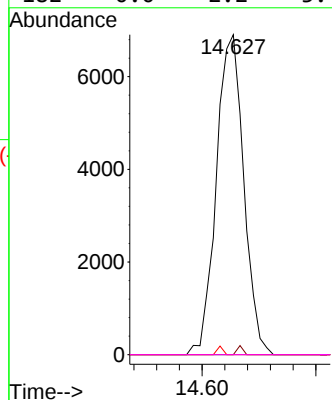
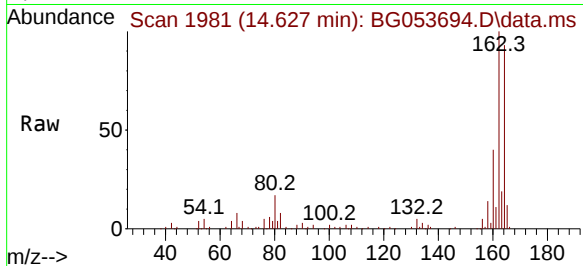




#57
2,4-Dinitrotoluene
Concen: 5.668 ng
RT: 14.627 min Scan# 1991
Delta R.T. -0.367 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

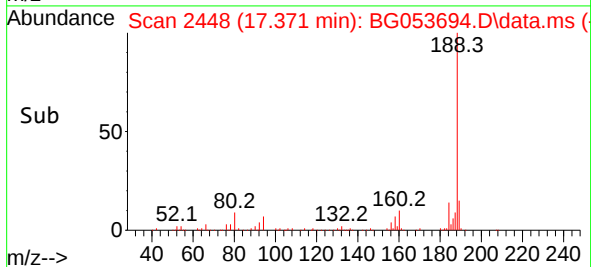
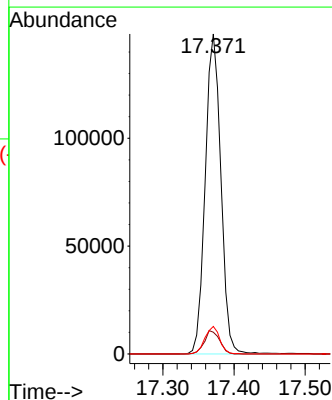
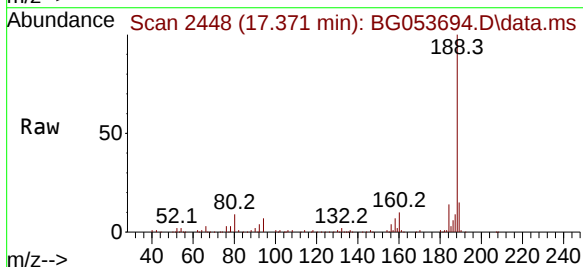
Instrument :
BNA_G
ClientSampleId :
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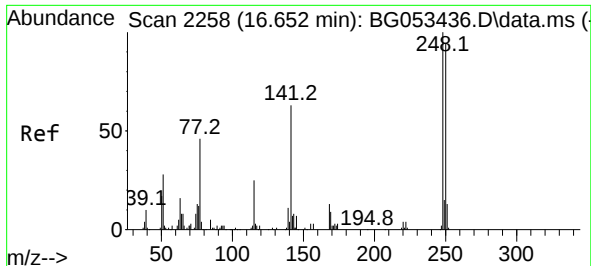
Tgt Ion:165	Resp:	11551
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.003 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

Tgt Ion:188	Resp:	227159
Ion Ratio	Lower	Upper
188	100	
94	6.8	5.4
80	8.6	6.8

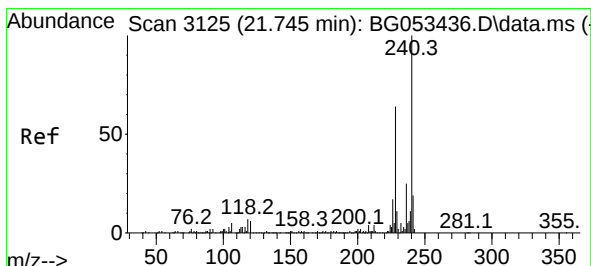
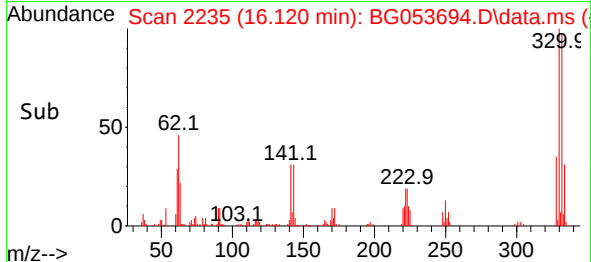
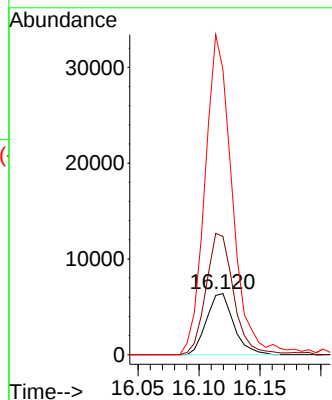
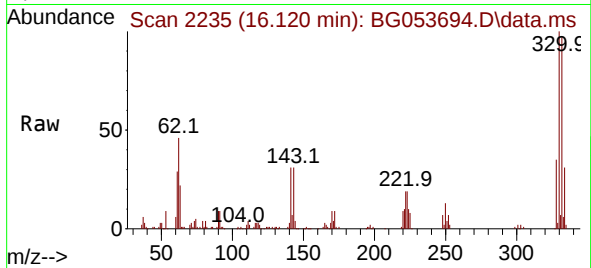




#67
4-Bromophenyl-phenylether
Concen: 3.718 ng
RT: 16.120 min Scan# 21
Delta R.T. -0.431 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

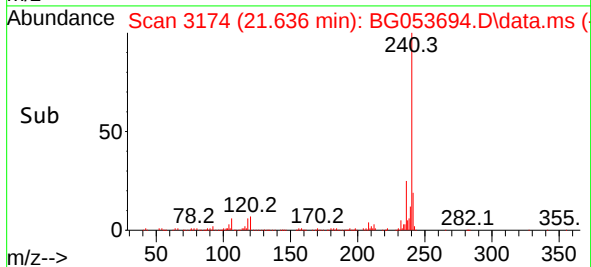
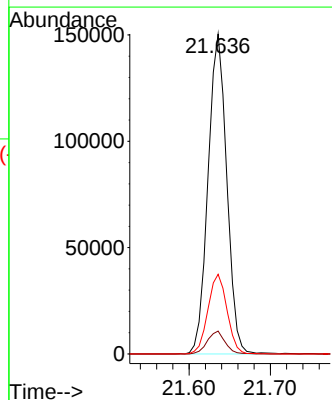
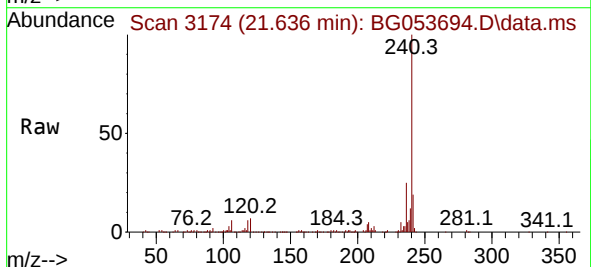
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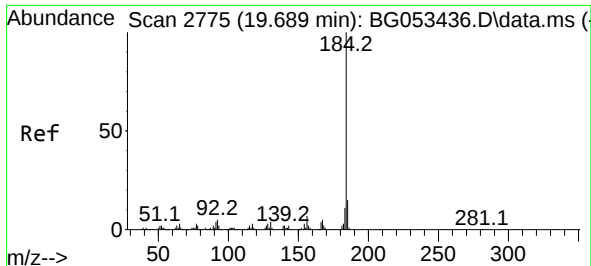
Tgt Ion:248 Resp: 9865
Ion Ratio Lower Upper
248 100
250 193.1 75.2 112.8#
141 465.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

Tgt Ion:240 Resp: 240608
Ion Ratio Lower Upper
240 100
120 7.1 4.6 7.0#
236 24.9 20.2 30.4

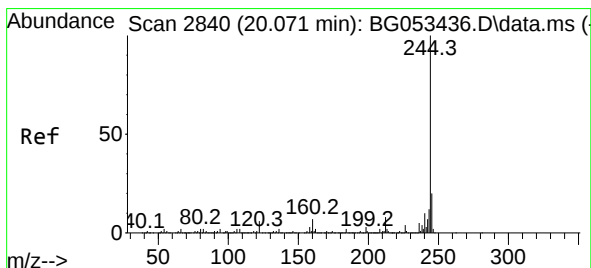
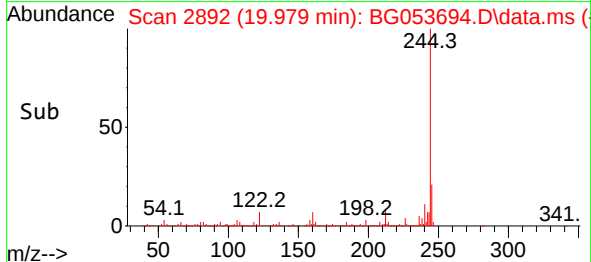
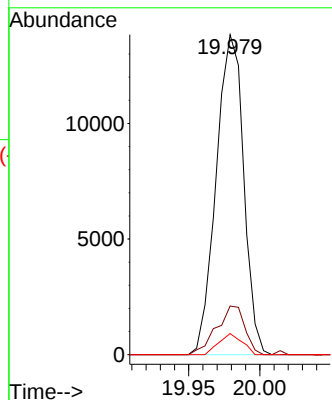
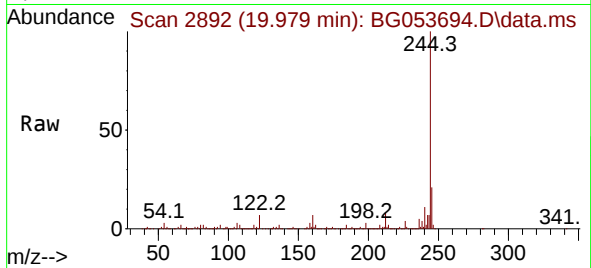




#77
Benzidine
Concen: 3.579 ng
RT: 19.979 min Scan# 2892
Delta R.T. 0.379 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

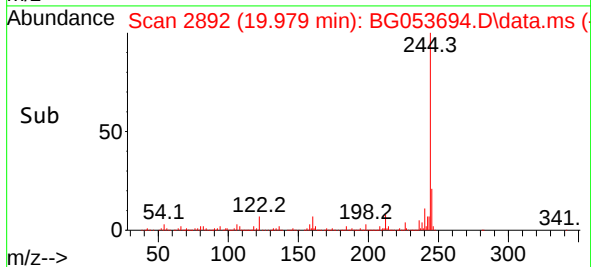
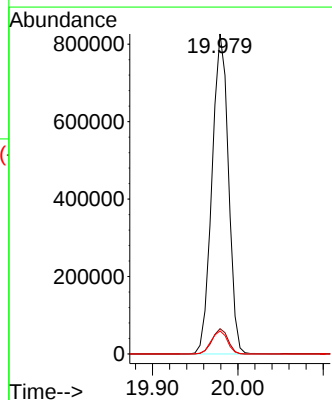
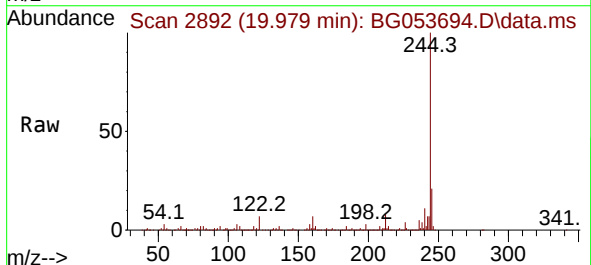
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ClientSampleId :
PB145039BL

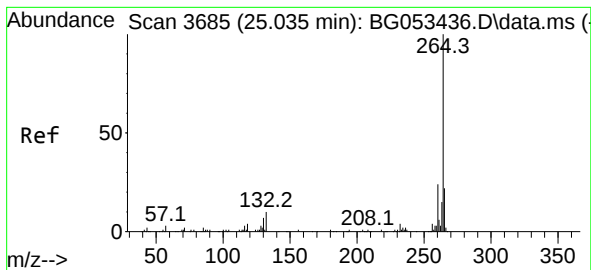
Tgt Ion:184 Resp: 18561
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 6.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 85.502 ng
RT: 19.979 min Scan# 2892
Delta R.T. 0.003 min
Lab File: BG053694.D
Acq: 25 May 2022 15:11

Tgt Ion:244 Resp: 1104577
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 7.2 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.837 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053694.D

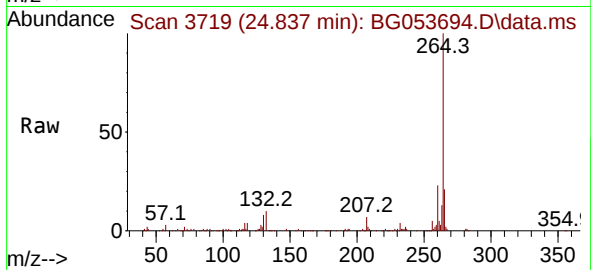
Acq: 25 May 2022 15:11

Instrument :

BNA_G

ClientSampleId :

PB145039BL



Tgt Ion:264 Resp: 231460

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.2 17.4 26.2

