

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054240.D
 Acq On : 8 Jul 2022 10:22
 Operator : CG/JU
 Sample : PB146064BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146064BL

Quant Time: Jul 08 13:52:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 13:46:14 2022
 Response via : Initial Calibration

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

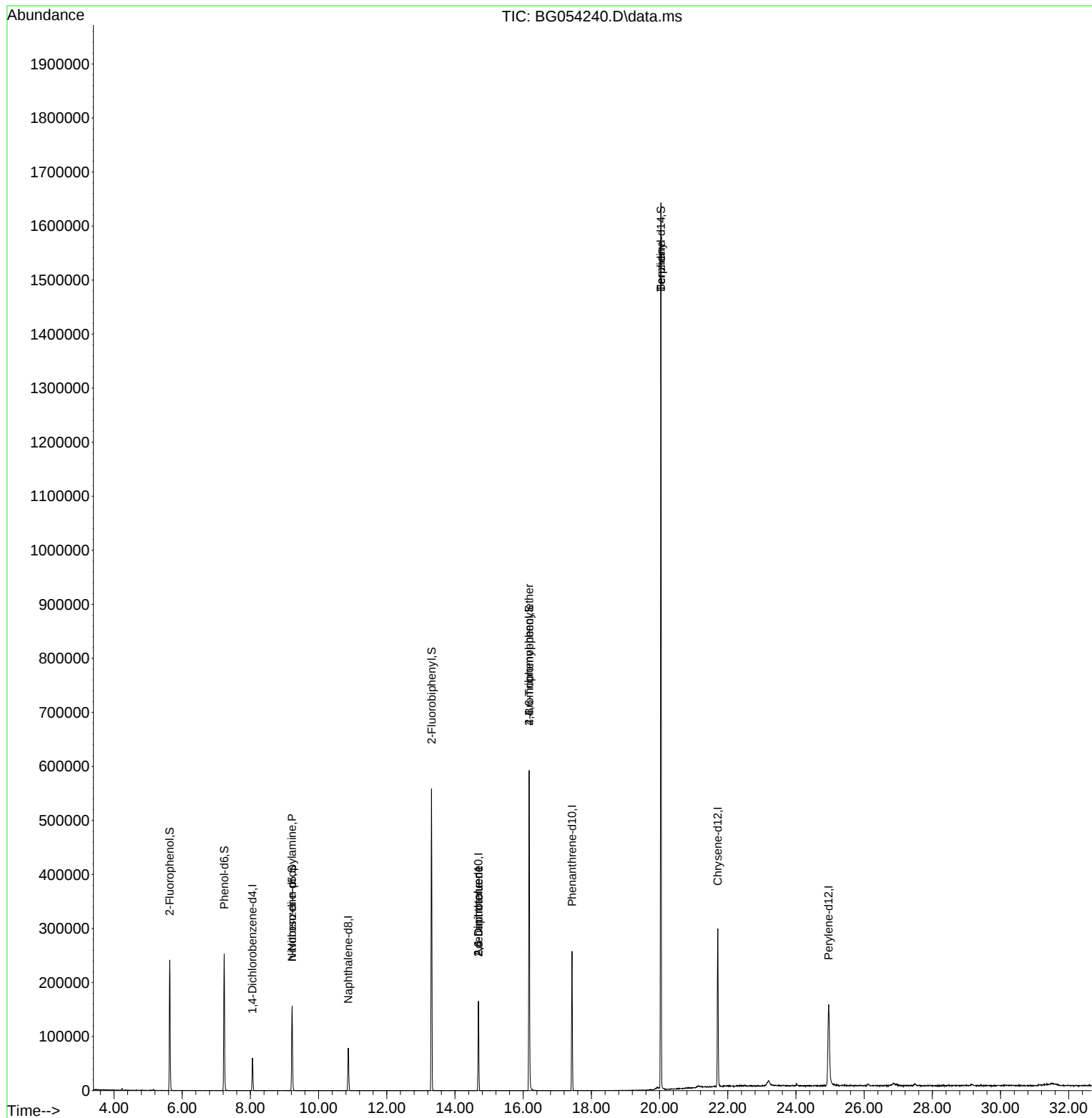
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	19199	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	75114	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	64384	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	190844	20.000	ng	# 0.00
76) Chrysene-d12	21.703	240	222528	20.000	ng	0.00
86) Perylene-d12	24.958	264	221708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	108375	107.924	ng	0.00
7) Phenol-d6	7.231	99	152249	111.764	ng	0.00
23) Nitrobenzene-d5	9.223	82	99446	74.400	ng	0.00
42) 2,4,6-Tribromophenol	16.174	330	162473	157.063	ng	0.00
45) 2-Fluorobiphenyl	13.313	172	331244	74.813	ng	0.00
79) Terphenyl-d14	20.040	244	956198	86.545	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.223	70	14226	15.544	ng	# 84
51) 2,6-Dinitrotoluene	14.687	165	9028	9.113	ng	# 16
57) 2,4-Dinitrotoluene	14.687	165	9028	6.453	ng	# 21
67) 4-Bromophenyl-phenylether	16.174	248	9828	4.123	ng	# 1
77) Benzidine	20.040	184	12491	2.711	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
Data File : BG054240.D
Acq On : 8 Jul 2022 10:22
Operator : CG/JU
Sample : PB146064BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB146064BL

Quant Time: Jul 08 13:52:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 13:46:14 2022
Response via : Initial Calibration

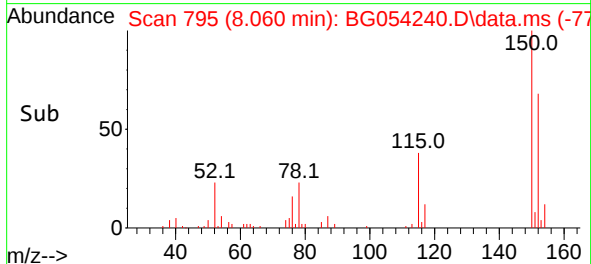
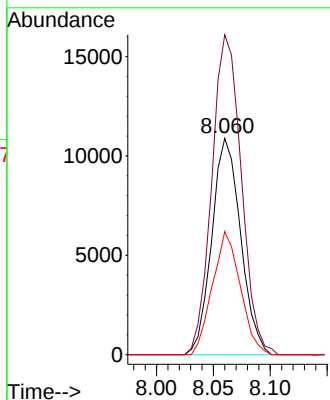
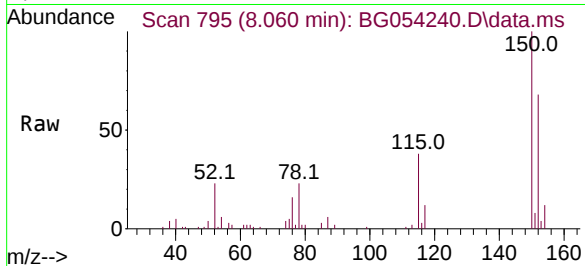




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054240.D
Acq: 8 Jul 2022 10:22

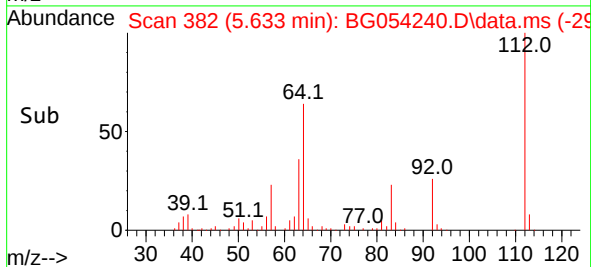
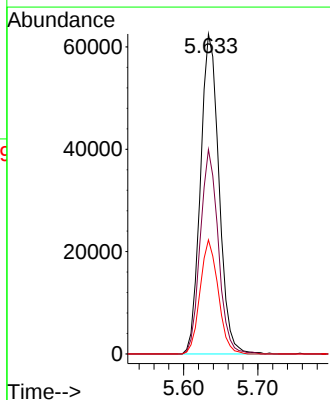
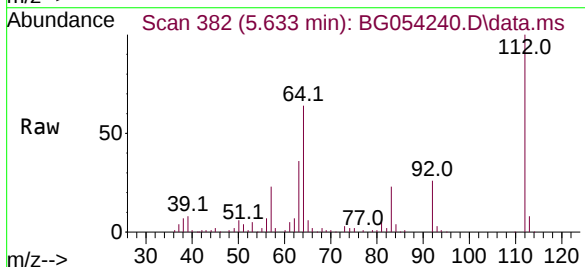
Instrument :
BNA_G
ClientSampleId :
PB146064BL

Tgt Ion:152 Resp: 19199
Ion Ratio Lower Upper
152 100
150 147.9 131.6 197.4
115 56.9 50.9 76.3



#5
2-Fluorophenol
Concen: 107.924 ng
RT: 5.633 min Scan# 382
Delta R.T. 0.001 min
Lab File: BG054240.D
Acq: 8 Jul 2022 10:22

Tgt Ion:112 Resp: 108375
Ion Ratio Lower Upper
112 100
64 63.9 55.1 82.7
63 35.6 30.4 45.6

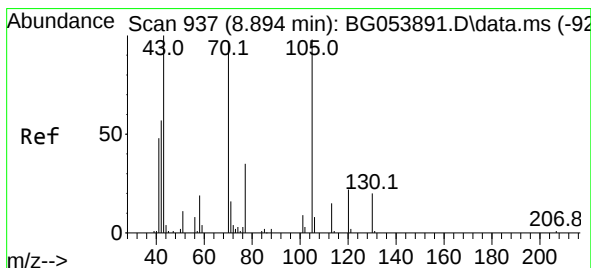
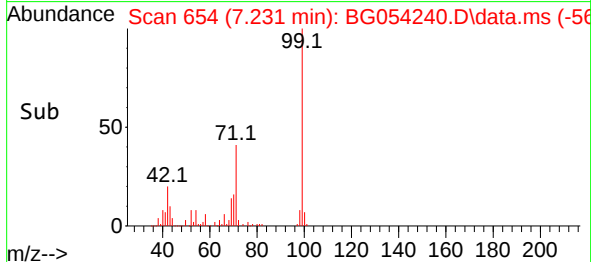
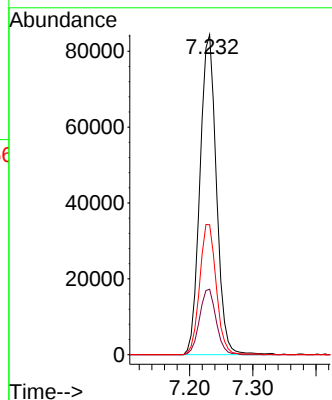
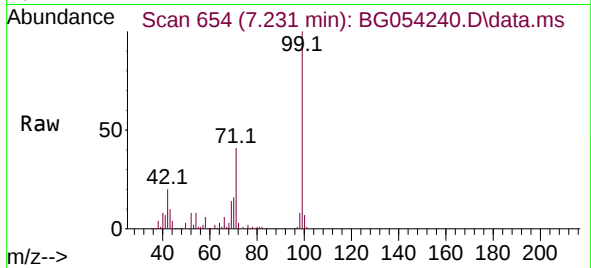




#7
Phenol-d6
Concen: 111.764 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054240.D
Acq: 8 Jul 2022 10:22

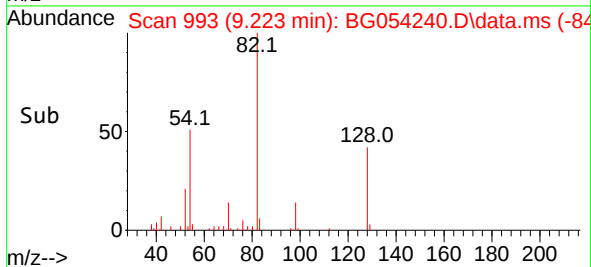
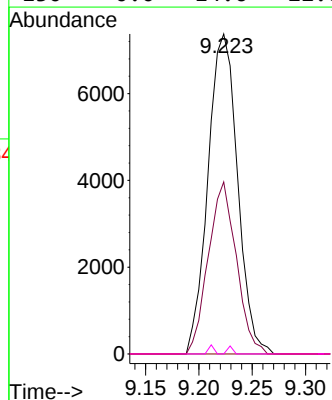
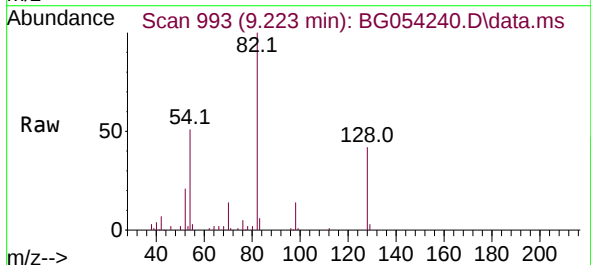
Instrument :
BNA_G
ClientSampleId :
PB146064BL

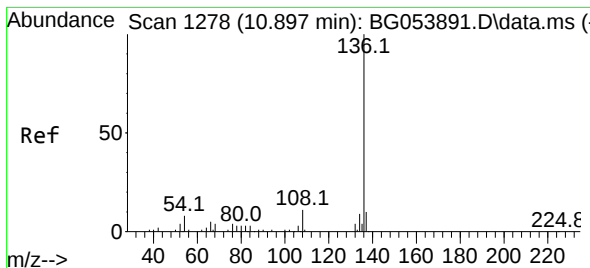
Tgt Ion: 99 Resp: 152249
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 40.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.544 ng
RT: 9.223 min Scan# 993
Delta R.T. 0.359 min
Lab File: BG054240.D
Acq: 8 Jul 2022 10:22

Tgt Ion: 70 Resp: 14226
Ion Ratio Lower Upper
70 100
42 53.7 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.868 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG054240.D

Acq: 8 Jul 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB146064BL

Tgt Ion:136 Resp: 75114

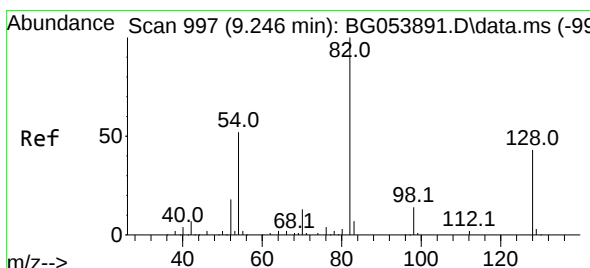
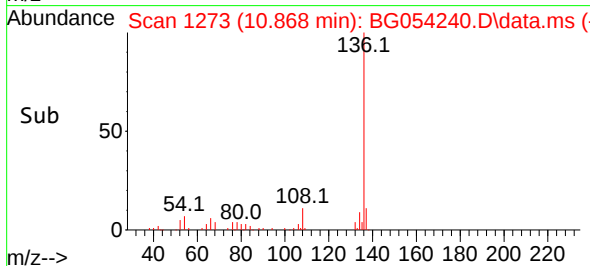
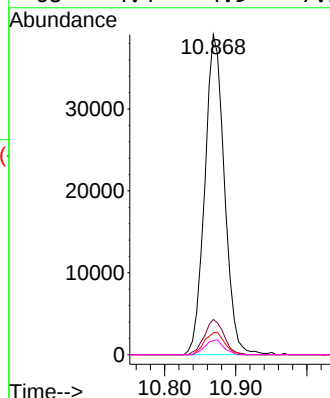
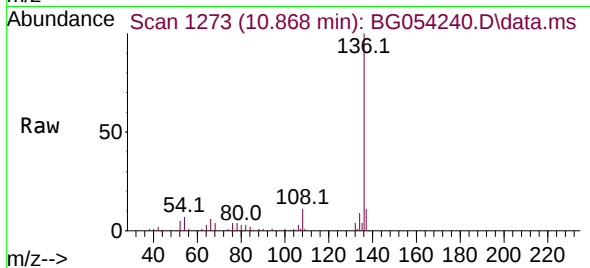
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.8 7.4 11.2#

68 4.4 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 74.400 ng

RT: 9.223 min Scan# 993

Delta R.T. 0.001 min

Lab File: BG054240.D

Acq: 8 Jul 2022 10:22

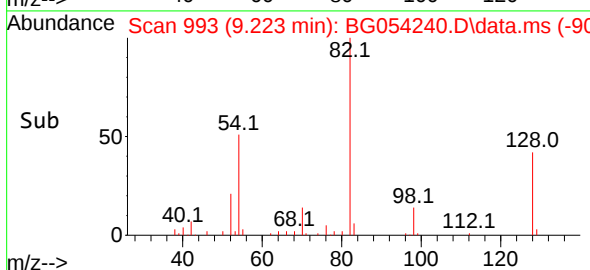
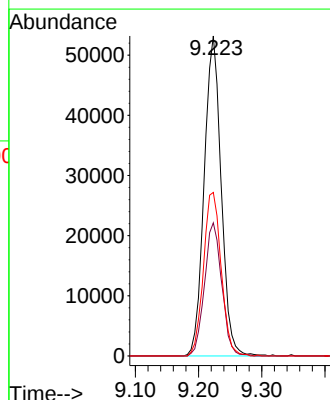
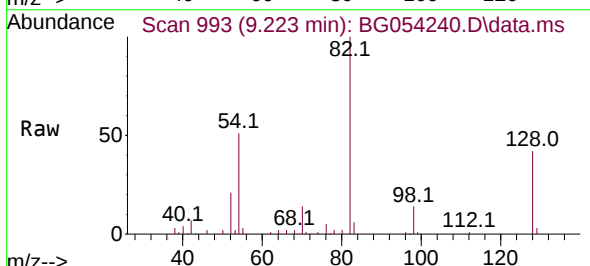
Tgt Ion: 82 Resp: 99446

Ion Ratio Lower Upper

82 100

128 41.6 27.9 41.9

54 51.1 41.2 61.8

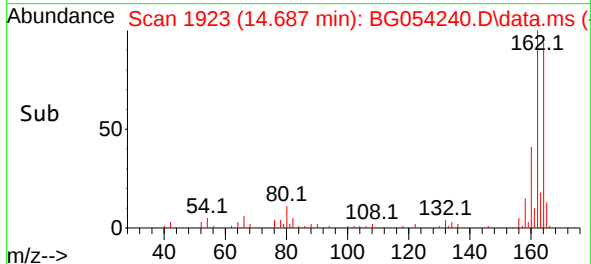
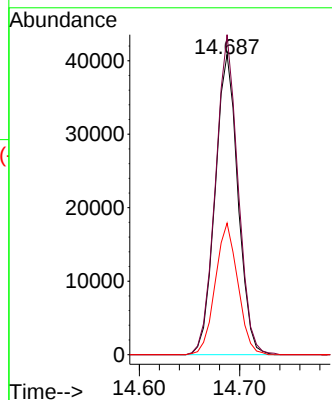
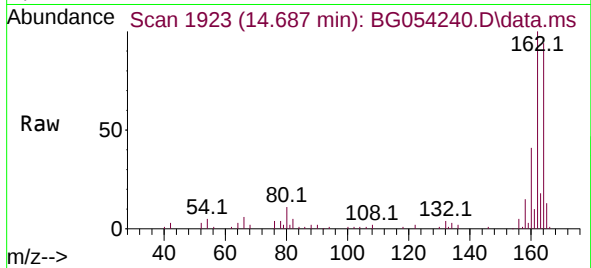




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.687 min Scan# 1923
 Delta R.T. 0.001 min
 Lab File: BG054240.D
 Acq: 8 Jul 2022 10:22

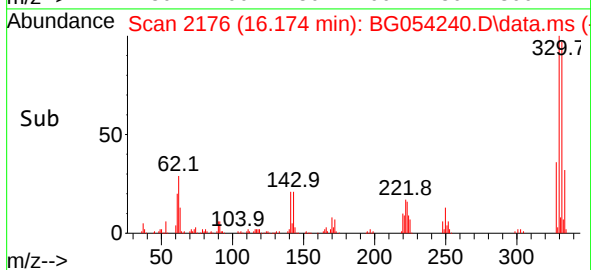
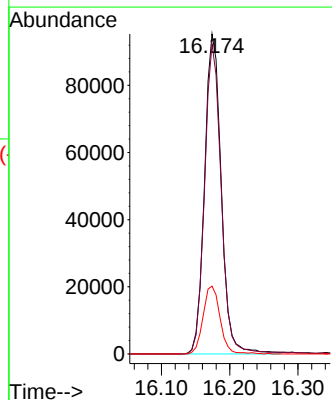
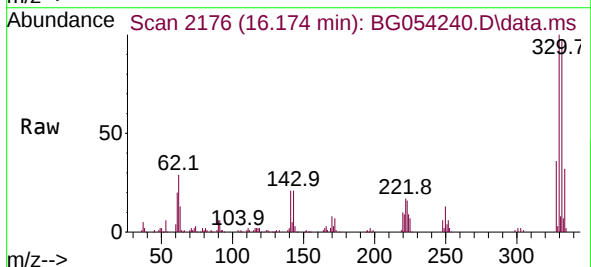
Instrument :
 BNA_G
 ClientSampleId :
 PB146064BL

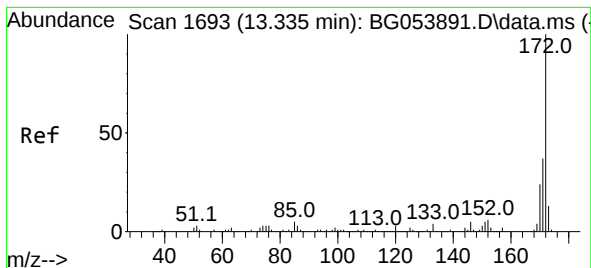
Tgt Ion:164 Resp: 64384
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.3 123.5
 160 43.8 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 157.063 ng
 RT: 16.174 min Scan# 2176
 Delta R.T. -0.005 min
 Lab File: BG054240.D
 Acq: 8 Jul 2022 10:22

Tgt Ion:330 Resp: 162473
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 21.6 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 74.813 ng

RT: 13.313 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG054240.D

Acq: 8 Jul 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB146064BL

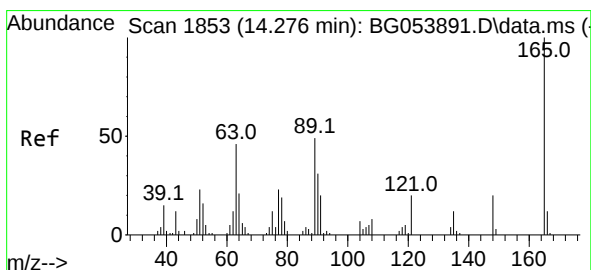
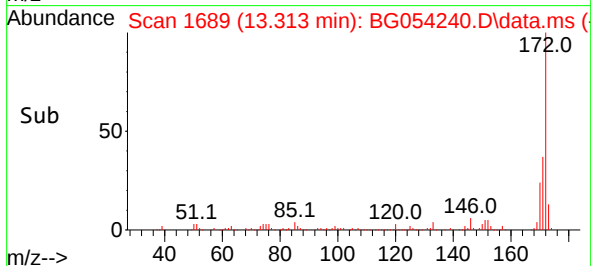
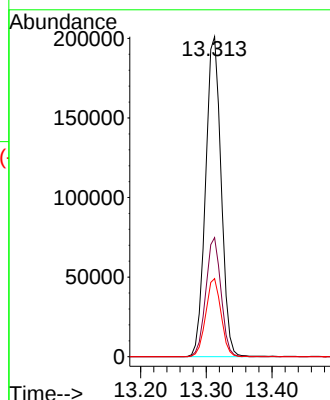
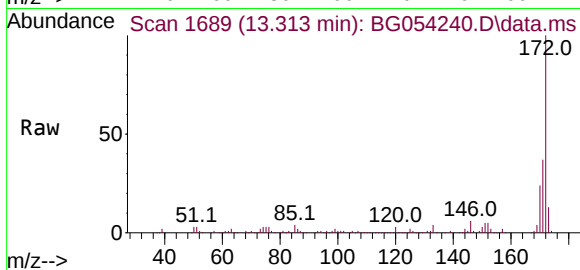
Tgt Ion:172 Resp: 331244

Ion Ratio Lower Upper

172 100

171 37.2 28.5 42.7

170 24.4 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 9.113 ng

RT: 14.687 min Scan# 1923

Delta R.T. 0.430 min

Lab File: BG054240.D

Acq: 8 Jul 2022 10:22

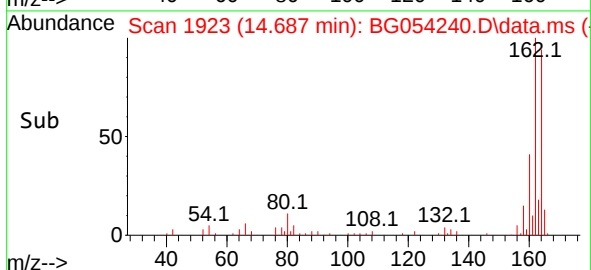
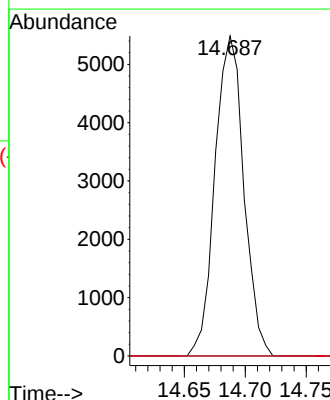
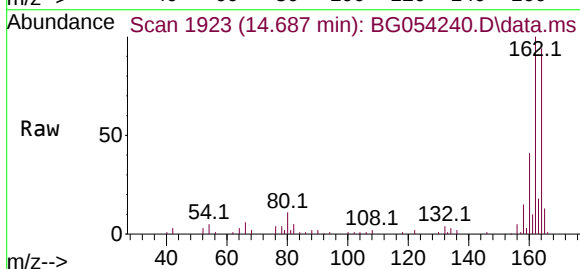
Tgt Ion:165 Resp: 9028

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: 6.453 ng

RT: 14.687 min Scan# 1987

Delta R.T. -0.364 min

Lab File: BG054240.D

Acq: 8 Jul 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB146064BL

Tgt Ion:165 Resp: 9028

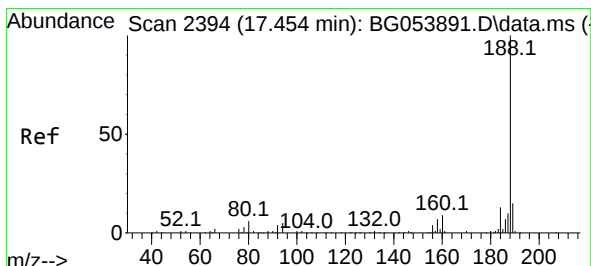
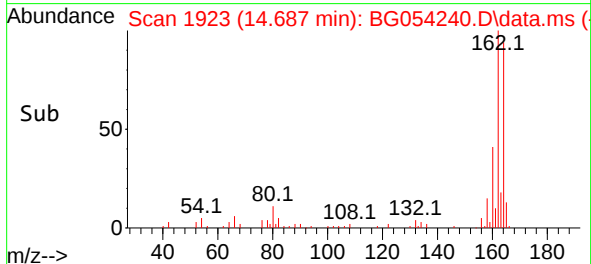
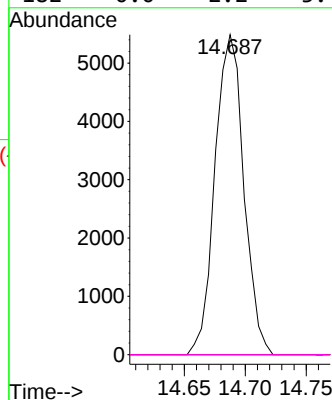
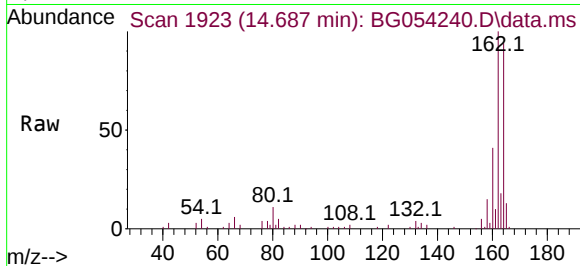
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.431 min Scan# 2390

Delta R.T. 0.001 min

Lab File: BG054240.D

Acq: 8 Jul 2022 10:22

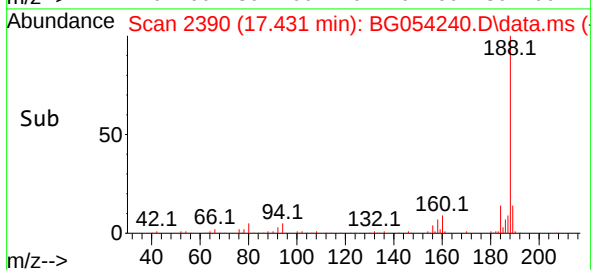
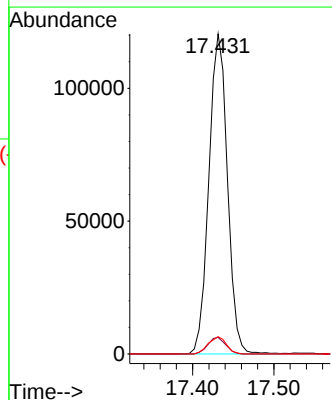
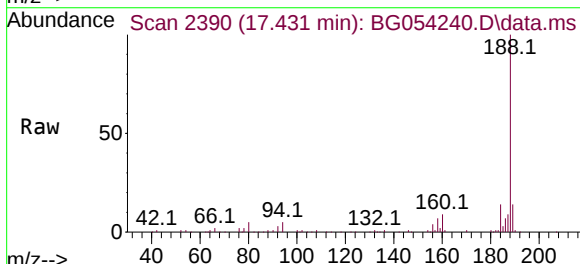
Tgt Ion:188 Resp: 190844

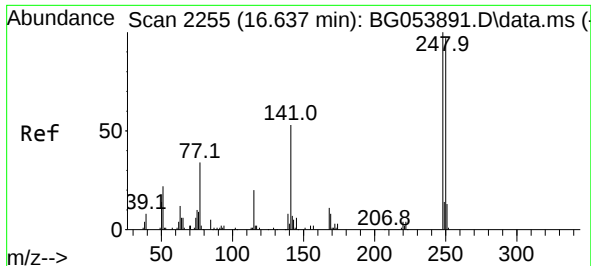
Ion Ratio Lower Upper

188 100

94 5.2 5.4 8.0#

80 5.4 6.8 10.2#





#67

4-Bromophenyl-phenylether

Concen: 4.123 ng

RT: 16.174 min Scan# 21

Delta R.T. -0.440 min

Lab File: BG054240.D

Acq: 8 Jul 2022 10:22

Instrument :

BNA_G

ClientSampleId :

PB146064BL

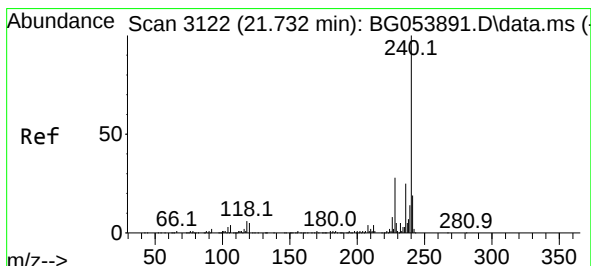
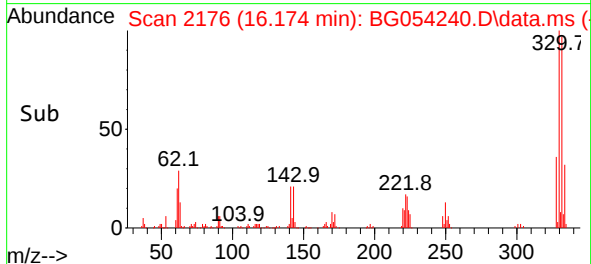
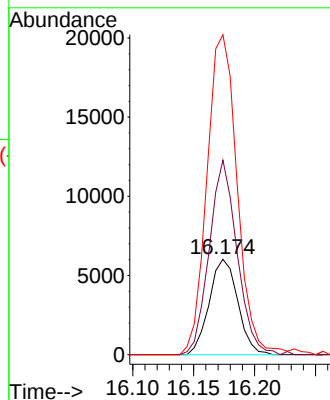
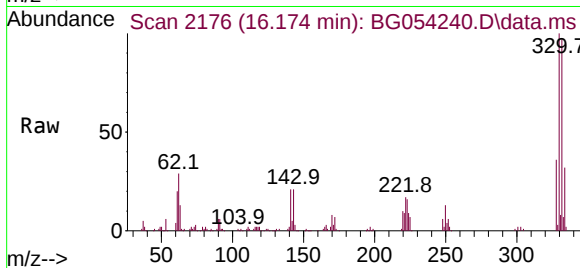
Tgt Ion:248 Resp: 9828

Ion Ratio Lower Upper

248 100

250 204.0 75.2 112.8#

141 335.5 50.0 75.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.703 min Scan# 3117

Delta R.T. -0.005 min

Lab File: BG054240.D

Acq: 8 Jul 2022 10:22

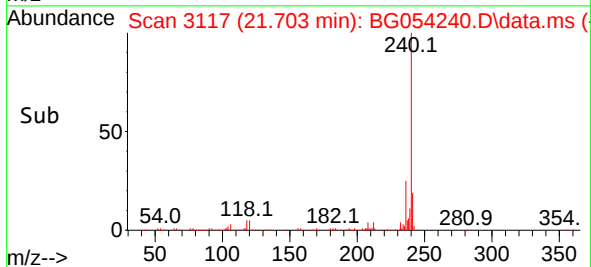
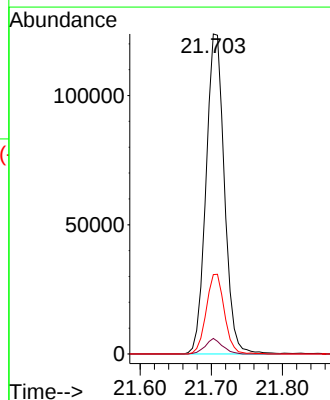
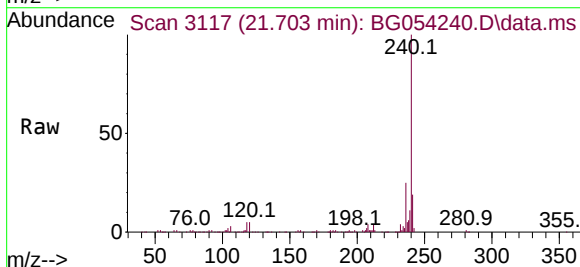
Tgt Ion:240 Resp: 222528

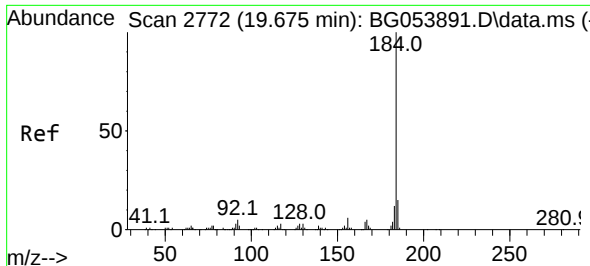
Ion Ratio Lower Upper

240 100

120 4.9 4.6 7.0

236 24.8 20.2 30.4

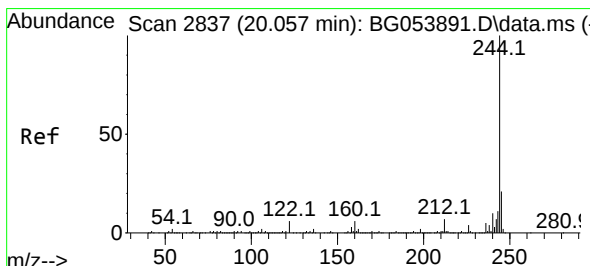
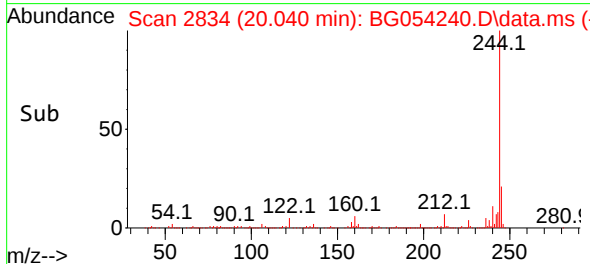
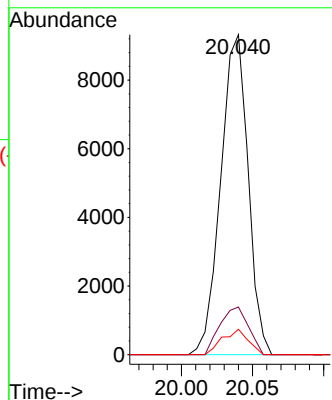
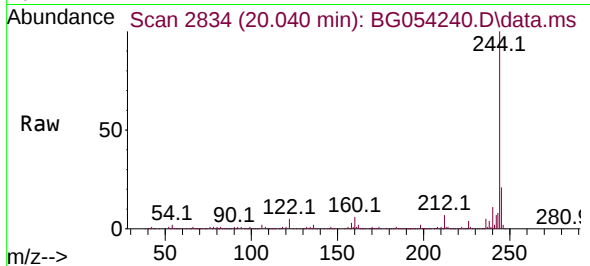




#77
Benzidine
Concen: 2.711 ng
RT: 20.040 min Scan# 21
Delta R.T. 0.383 min
Lab File: BG054240.D
Acq: 8 Jul 2022 10:22

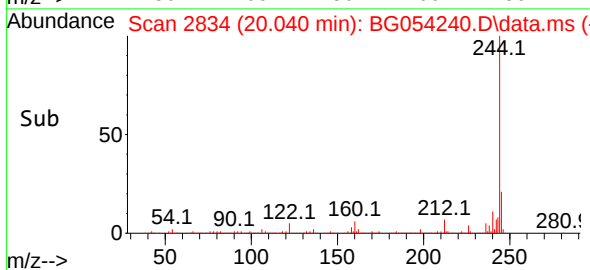
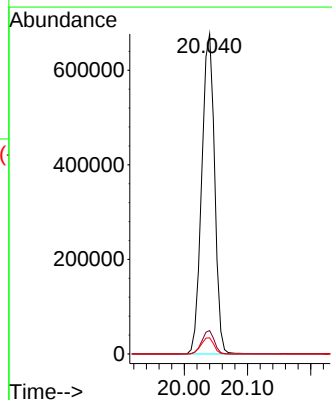
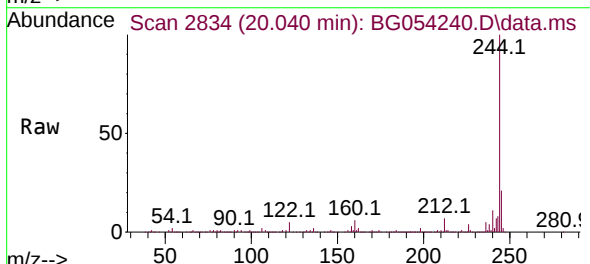
Instrument :
BNA_G
ClientSampleId :
PB146064BL

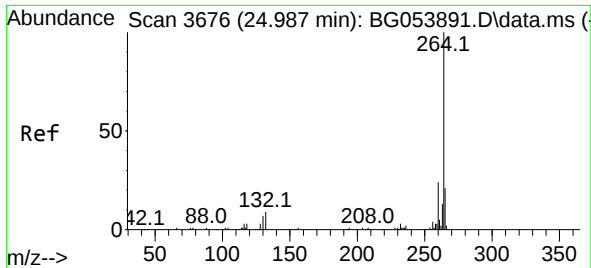
Tgt Ion:184 Resp: 12491
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 7.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 86.545 ng
RT: 20.040 min Scan# 2834
Delta R.T. 0.001 min
Lab File: BG054240.D
Acq: 8 Jul 2022 10:22

Tgt Ion:244 Resp: 956198
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 5.0 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.958 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG054240.D
Acq: 8 Jul 2022 10:22

Instrument :
BNA_G
ClientSampleId :
PB146064BL

Tgt Ion:264 Resp: 221708

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	22.1	17.4	26.2

