

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054520.D
 Acq On : 4 Aug 2022 15:38
 Operator : CG/JU
 Sample : N4037-03 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080322-B

Quant Time: Aug 04 16:09:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

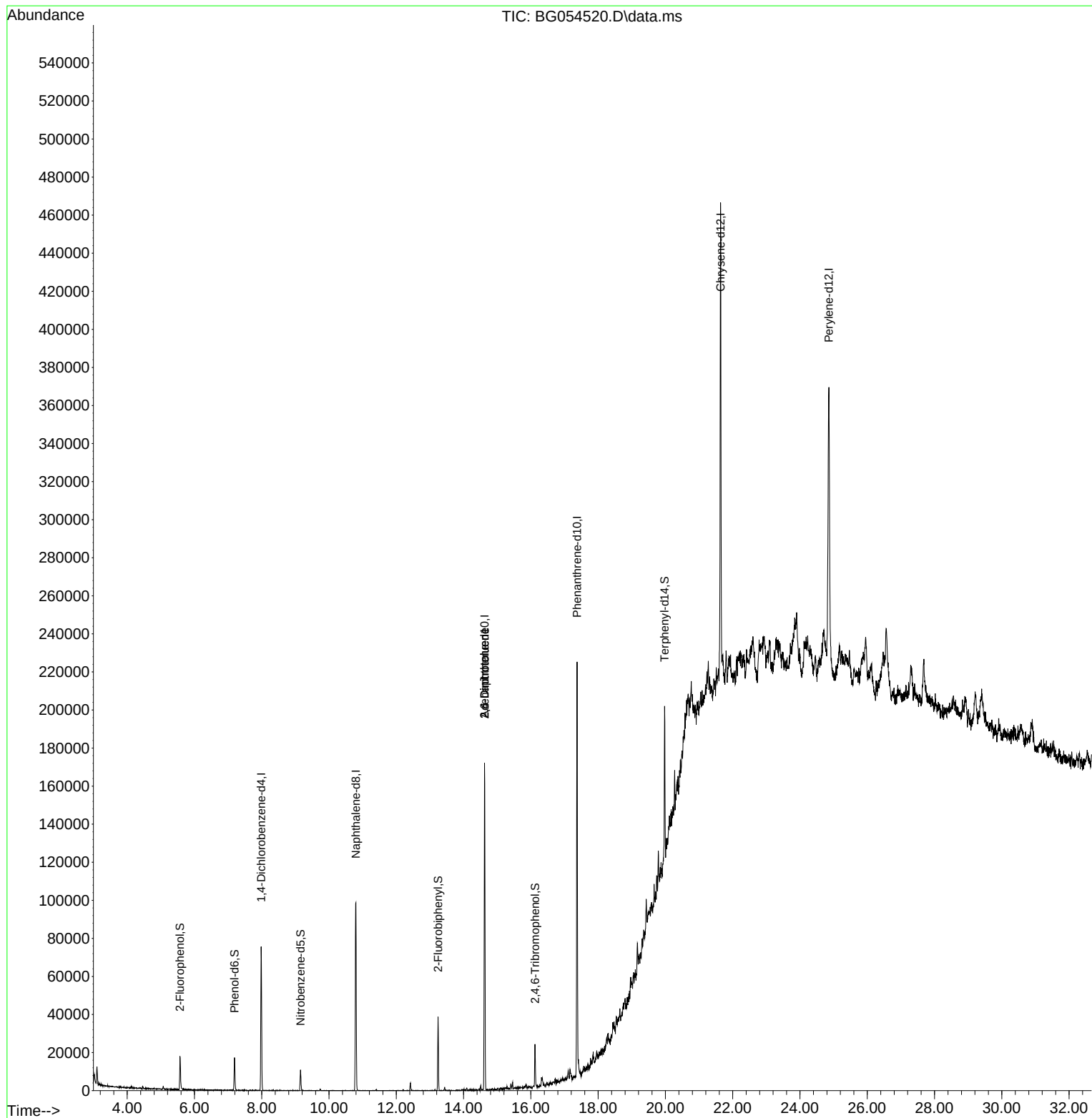
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	23944	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	92364	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	67154	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	154547	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	170407	20.000	ng	# 0.00
86) Perylene-d12	24.857	264	178967	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	8170	7.124	ng	0.00
7) Phenol-d6	7.189	99	10677	6.795	ng	0.02
23) Nitrobenzene-d5	9.152	82	7290	4.298	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	6855	4.862	ng	0.01
45) 2-Fluorobiphenyl	13.241	172	24397	5.125	ng	0.00
79) Terphenyl-d14	19.974	244	46952	5.466	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.622	165	9610	8.353	ng	# 16
57) 2,4-Dinitrotoluene	14.622	165	9610	5.827	ng	# 21

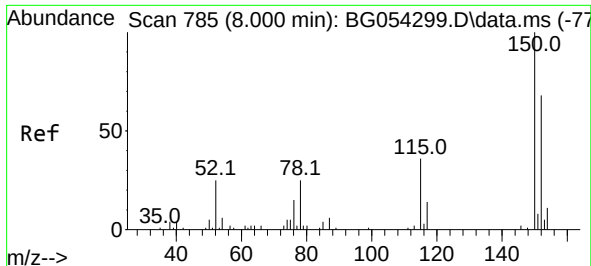
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054520.D
Acq On : 4 Aug 2022 15:38
Operator : CG/JU
Sample : N4037-03 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
080322-B

Quant Time: Aug 04 16:09:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

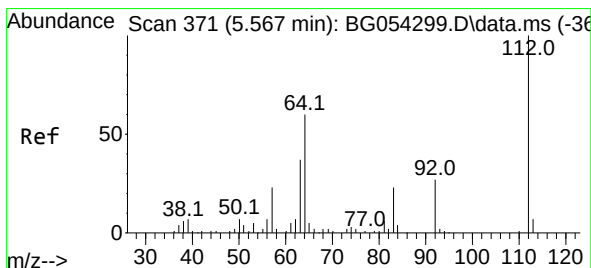
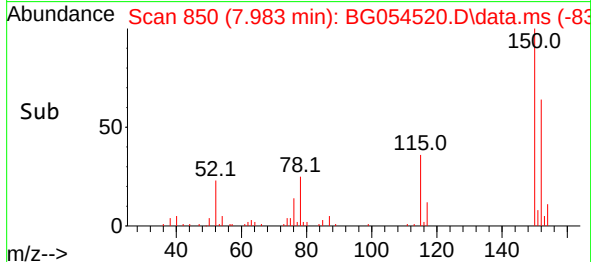
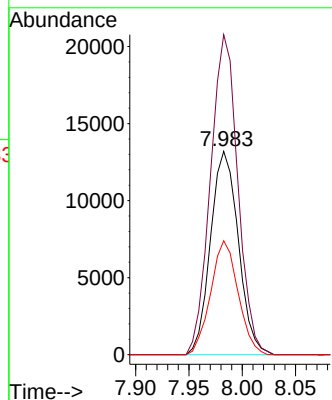
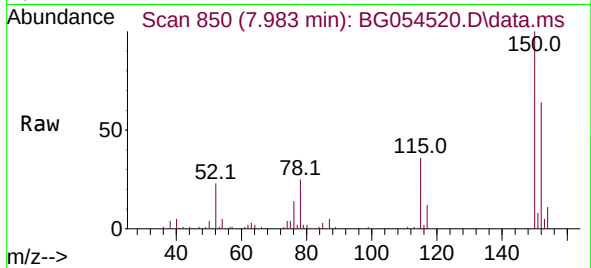




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.983 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG054520.D
 Acq: 4 Aug 2022 15:38

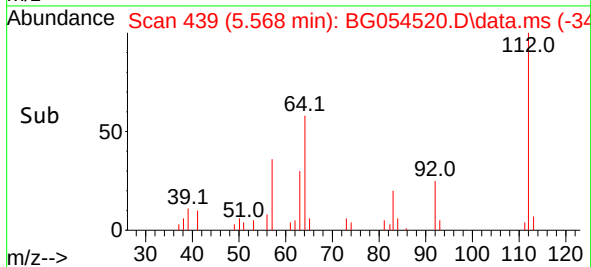
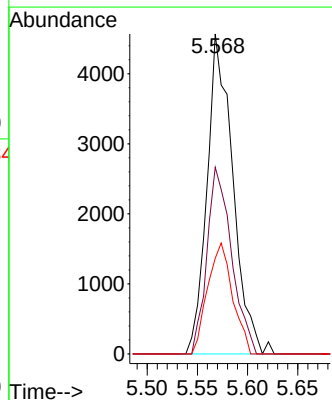
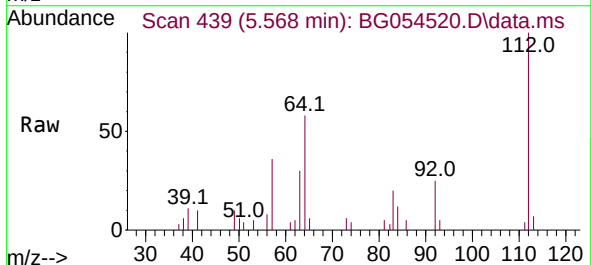
Instrument :
 BNA_G
 ClientSampleId :
 080322-B

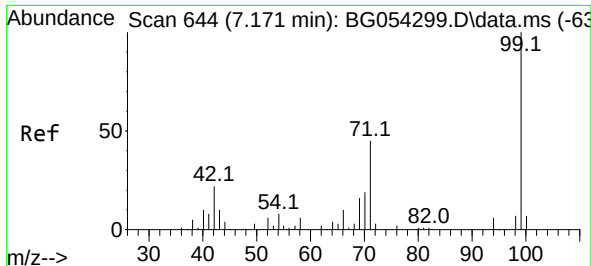
Tgt Ion:152 Resp: 23944
 Ion Ratio Lower Upper
 152 100
 150 157.3 131.6 197.4
 115 56.0 50.9 76.3



#5
 2-Fluorophenol
 Concen: 7.124 ng
 RT: 5.568 min Scan# 439
 Delta R.T. 0.006 min
 Lab File: BG054520.D
 Acq: 4 Aug 2022 15:38

Tgt Ion:112 Resp: 8170
 Ion Ratio Lower Upper
 112 100
 64 58.3 55.1 82.7
 63 29.9 30.4 45.6#





#7

Phenol-d6

Concen: 6.795 ng

RT: 7.189 min Scan# 71

Delta R.T. 0.018 min

Lab File: BG054520.D

Acq: 4 Aug 2022 15:38

Instrument :

BNA_G

ClientSampleId :

080322-B

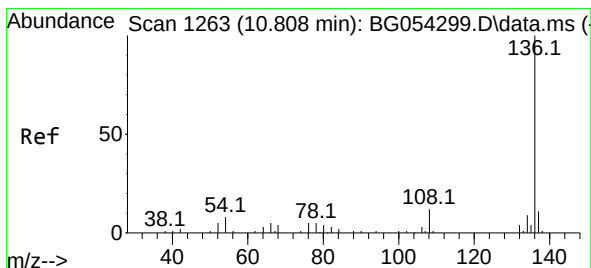
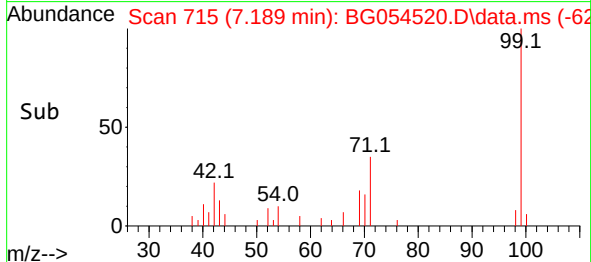
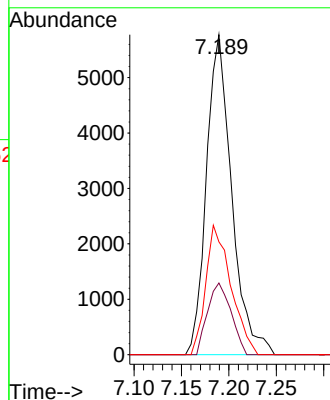
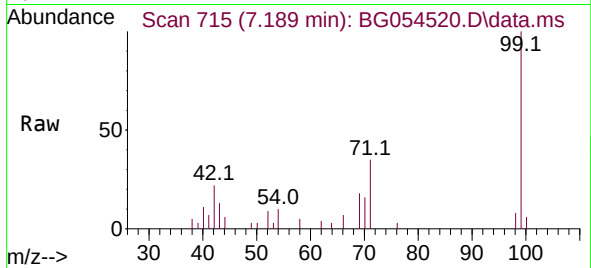
Tgt Ion: 99 Resp: 10677

Ion Ratio Lower Upper

99 100

42 22.4 17.0 25.6

71 35.3 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.797 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BG054520.D

Acq: 4 Aug 2022 15:38

Tgt Ion:136 Resp: 92364

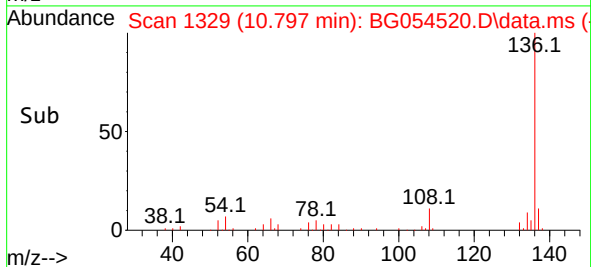
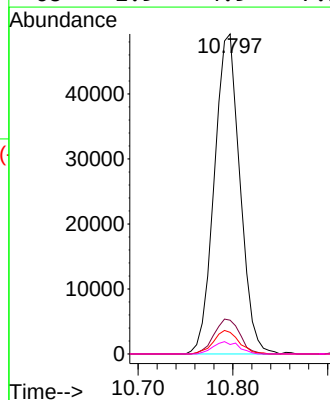
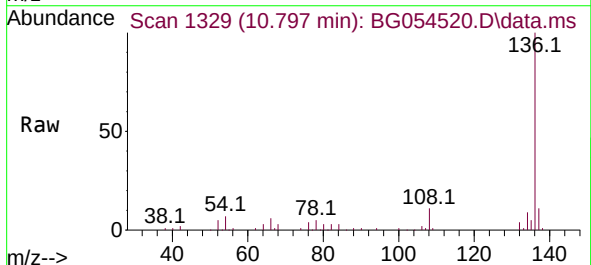
Ion Ratio Lower Upper

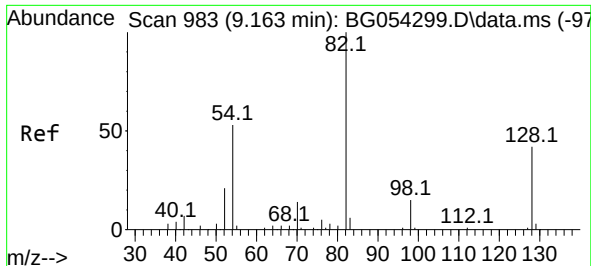
136 100

137 10.6 8.5 12.7

54 6.8 7.4 11.2#

68 2.9 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 4.298 ng

RT: 9.152 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054520.D

Acq: 4 Aug 2022 15:38

Instrument :

BNA_G

ClientSampleId :

080322-B

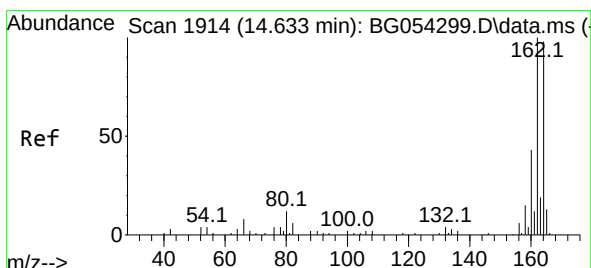
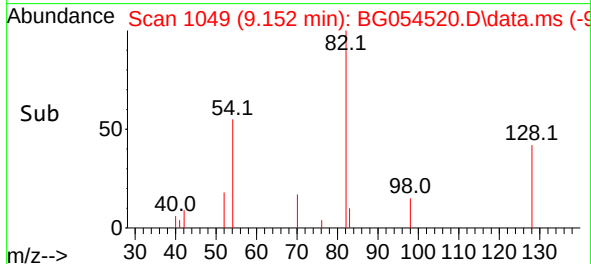
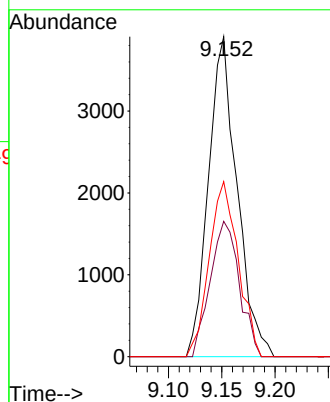
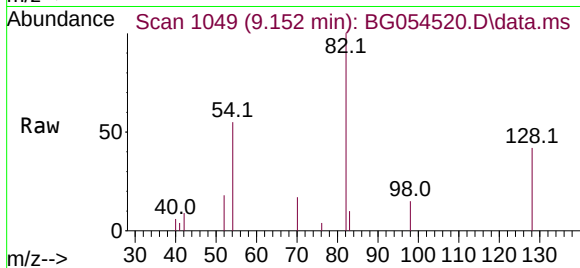
Tgt Ion: 82 Resp: 7290

Ion Ratio Lower Upper

82 100

128 42.3 27.9 41.9#

54 54.7 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.622 min Scan# 1980

Delta R.T. 0.000 min

Lab File: BG054520.D

Acq: 4 Aug 2022 15:38

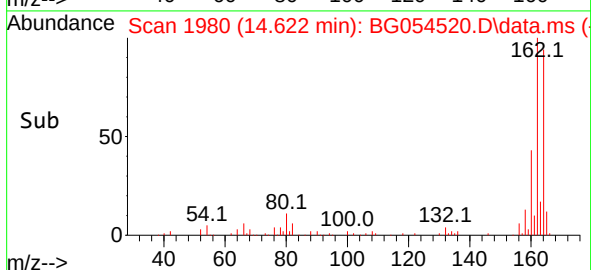
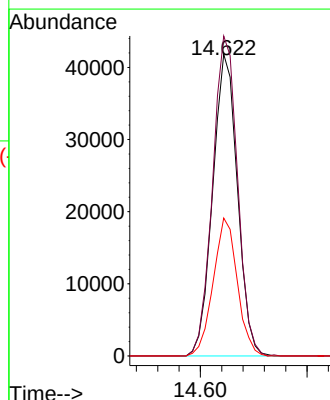
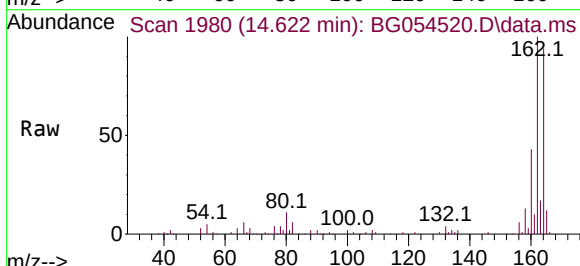
Tgt Ion:164 Resp: 67154

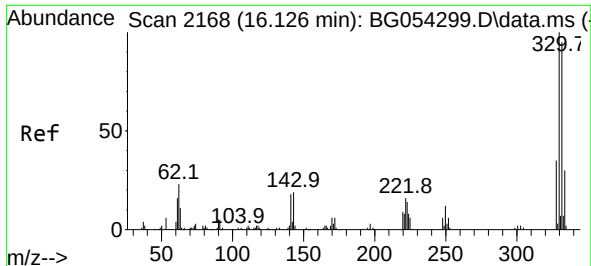
Ion Ratio Lower Upper

164 100

162 106.0 82.3 123.5

160 45.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 4.862 ng

RT: 16.126 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG054520.D

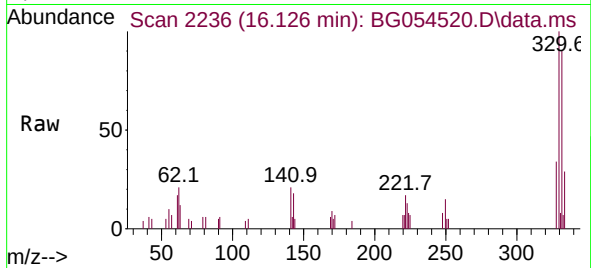
Acq: 4 Aug 2022 15:38

Instrument :

BNA_G

ClientSampleId :

080322-B



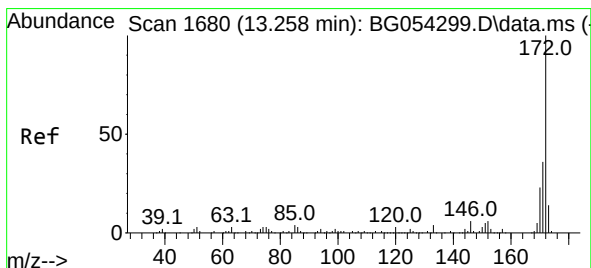
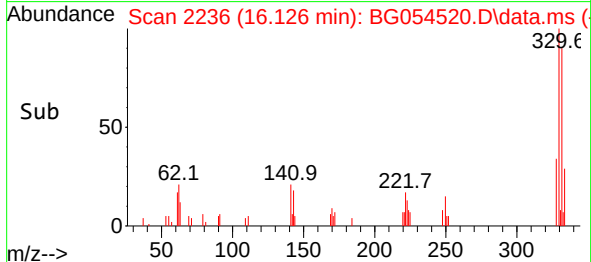
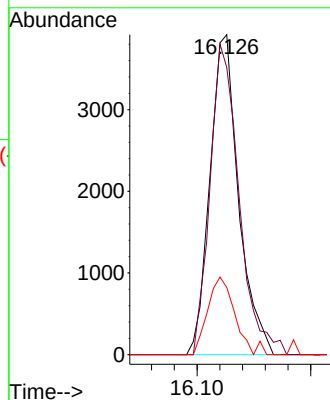
Tgt Ion:330 Resp: 6855

Ion Ratio Lower Upper

330 100

332 98.3 76.0 114.0

141 23.0 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 5.125 ng

RT: 13.241 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BG054520.D

Acq: 4 Aug 2022 15:38

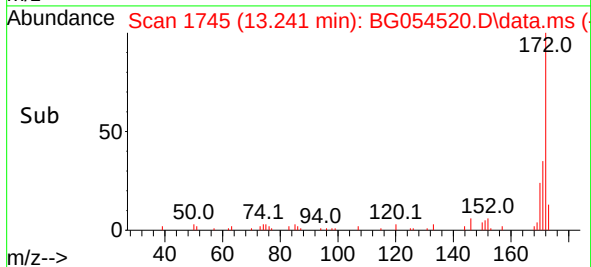
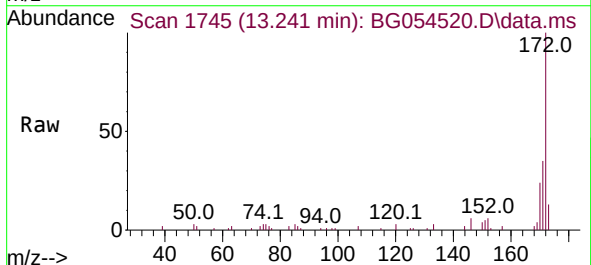
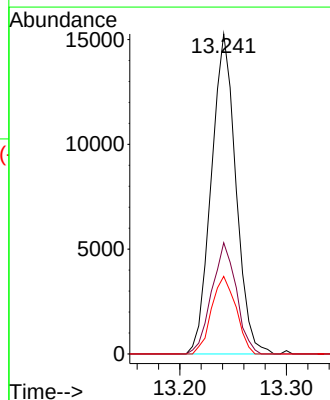
Tgt Ion:172 Resp: 24397

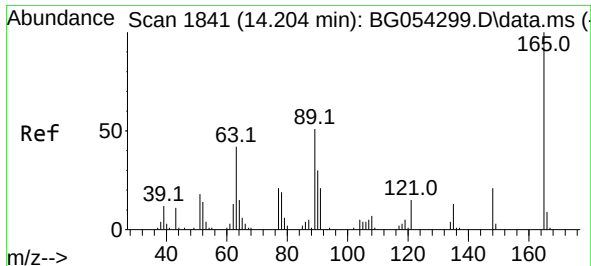
Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 24.3 18.9 28.3

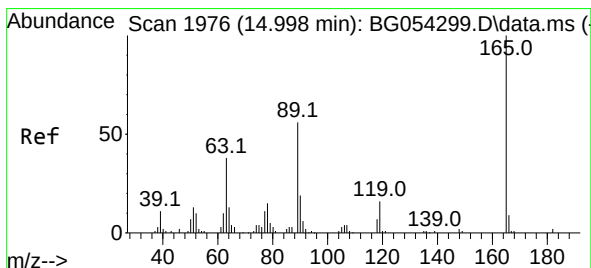
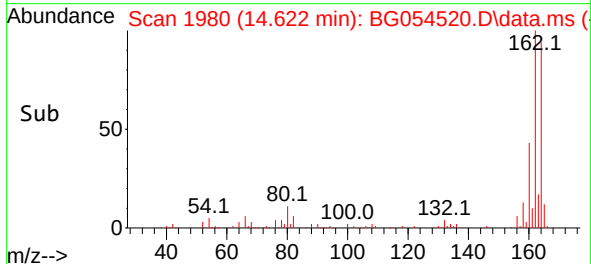
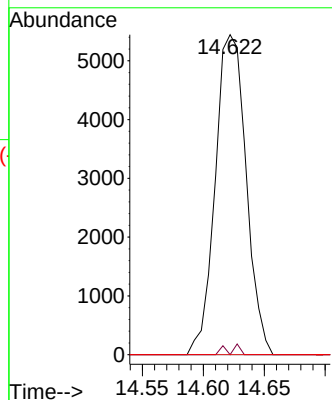
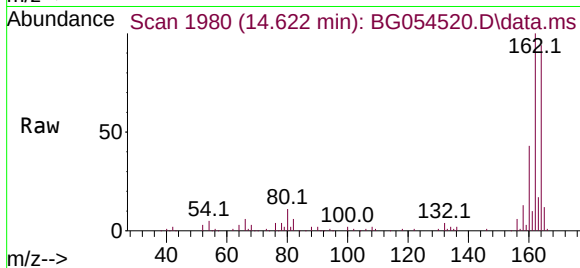




#51
2,6-Dinitrotoluene
Concen: 8.353 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG054520.D
Acq: 4 Aug 2022 15:38

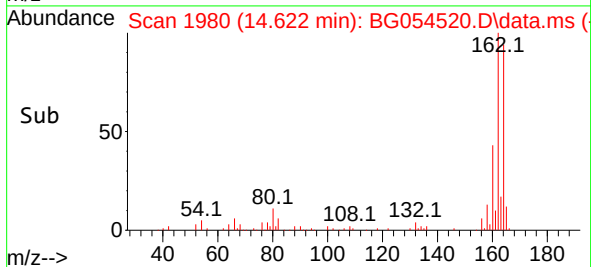
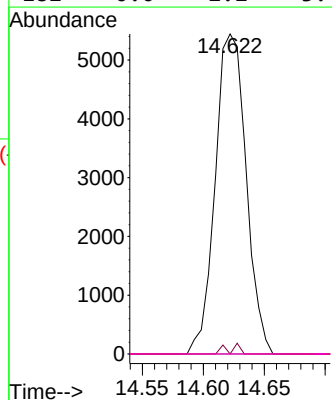
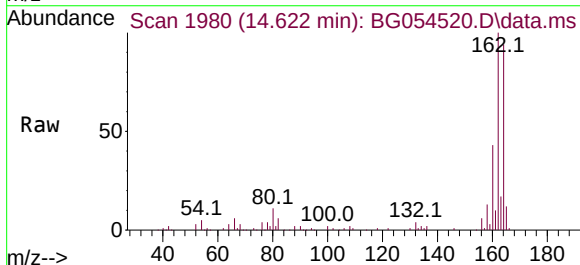
Instrument :
BNA_G
ClientSampleId :
080322-B

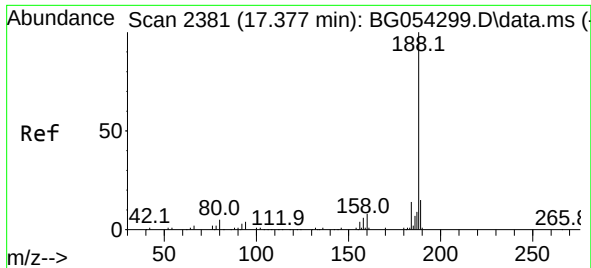
Tgt Ion:165 Resp: 9610
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.827 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.370 min
Lab File: BG054520.D
Acq: 4 Aug 2022 15:38

Tgt Ion:165 Resp: 9610
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#

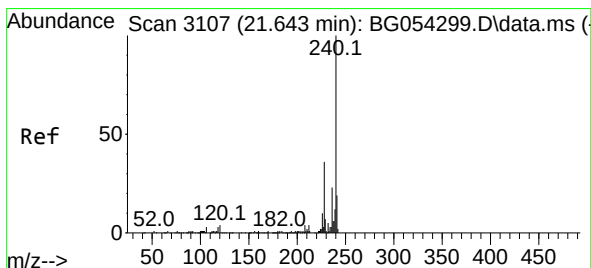
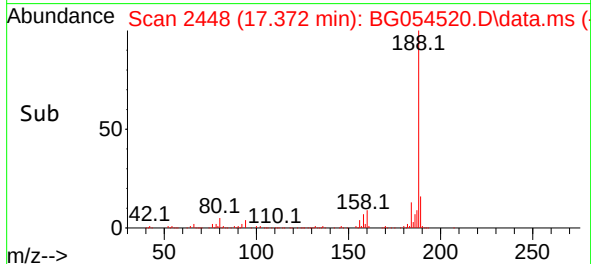
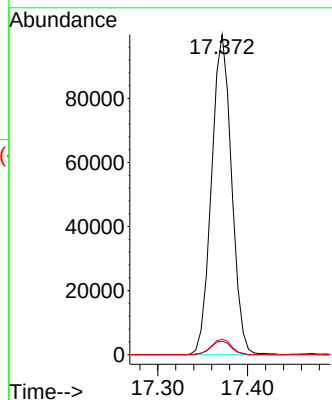
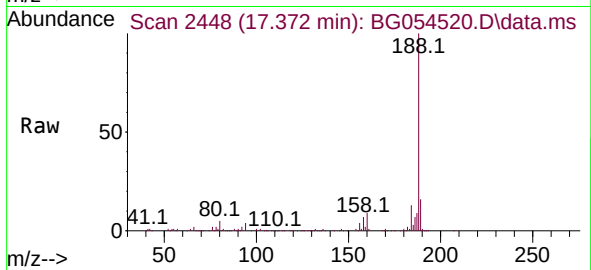




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BG054520.D
Acq: 4 Aug 2022 15:38

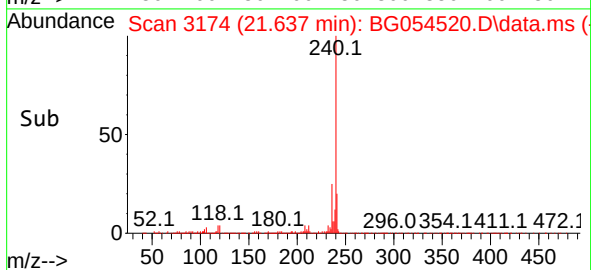
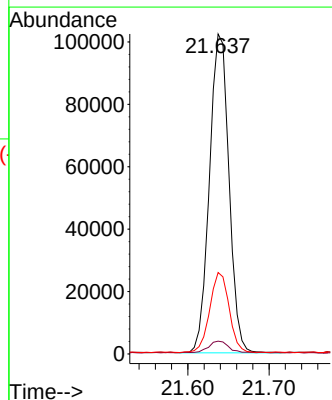
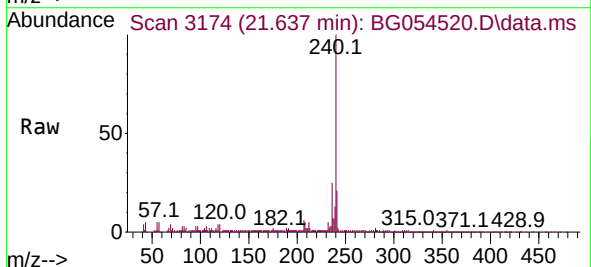
Instrument :
BNA_G
ClientSampleId :
080322-B

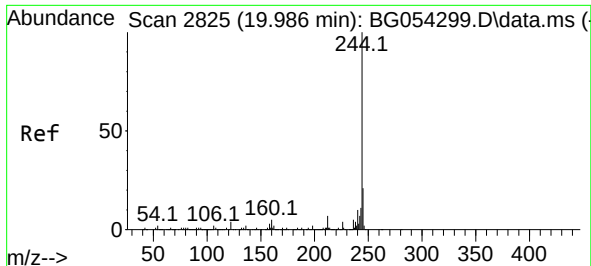
Tgt Ion:188 Resp: 154547
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.9 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3174
Delta R.T. 0.000 min
Lab File: BG054520.D
Acq: 4 Aug 2022 15:38

Tgt Ion:240 Resp: 170407
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 25.4 20.2 30.4

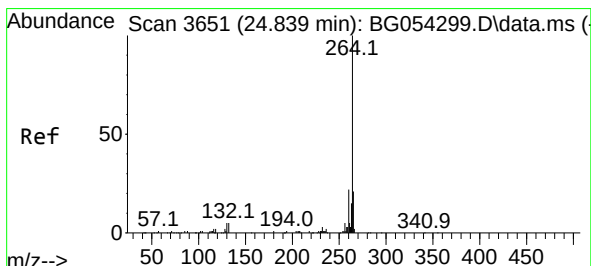
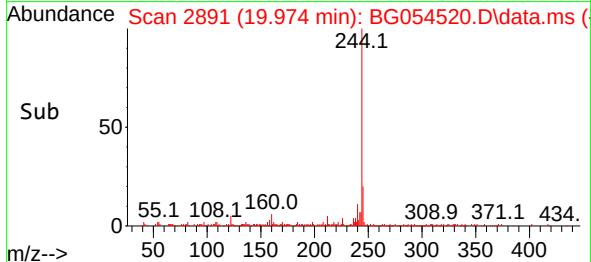
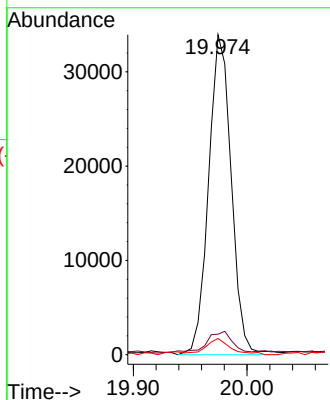
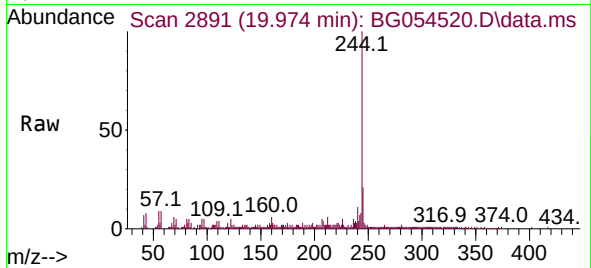




#79
 Terphenyl-d14
 Concen: 5.466 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054520.D
 Acq: 4 Aug 2022 15:38

Instrument :
 BNA_G
 ClientSampleId :
 080322-B

Tgt Ion:244 Resp: 46952
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 5.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.857 min Scan# 3722
 Delta R.T. 0.024 min
 Lab File: BG054520.D
 Acq: 4 Aug 2022 15:38

Tgt Ion:264 Resp: 178967
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 22.4 17.4 26.2

