

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
 Data File : BG054358.D
 Acq On : 22 Jul 2022 13:39
 Operator : CG/JU
 Sample : PB146375BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146375BL

Quant Time: Jul 23 00:11:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

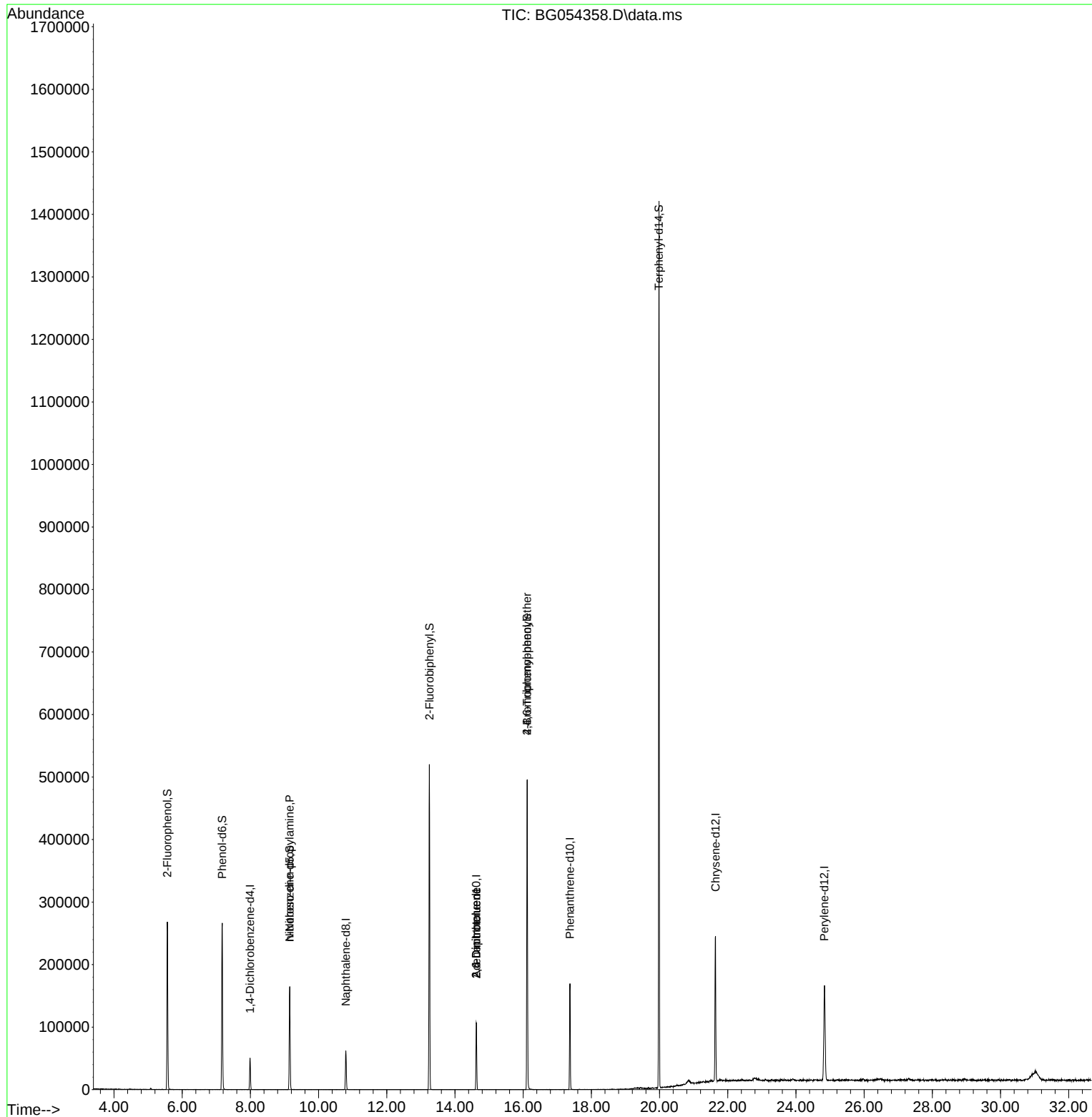
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	16371	20.000	ng	0.00
21) Naphthalene-d8	10.799	136	58015	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	43731	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	122104	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	167075	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	182804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	119815	152.807	ng	0.00
7) Phenol-d6	7.174	99	150116	139.720	ng	0.00
23) Nitrobenzene-d5	9.154	82	98329	92.299	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	136762	148.948	ng	0.00
45) 2-Fluorobiphenyl	13.249	172	297341	95.918	ng	0.00
79) Terphenyl-d14	19.982	244	804027	95.468	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.162	77	192	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.154	70	13695	19.088	ng	# 86
51) 2,6-Dinitrotoluene	14.624	165	5977	7.978	ng	# 16
57) 2,4-Dinitrotoluene	14.624	165	5977	5.565	ng	# 21
67) 4-Bromophenyl-phenylether	16.116	248	7951	4.636	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054358.D
Acq On : 22 Jul 2022 13:39
Operator : CG/JU
Sample : PB146375BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB146375BL

Quant Time: Jul 23 00:11:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

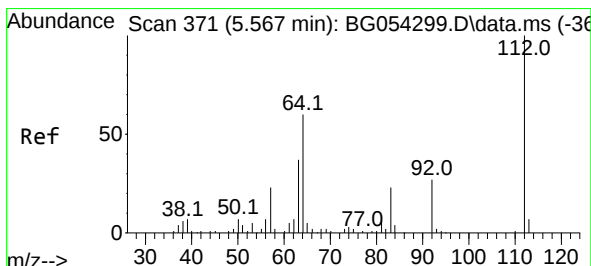
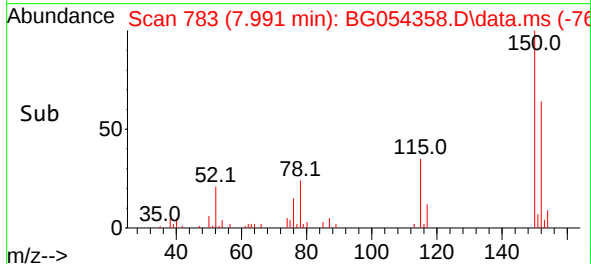
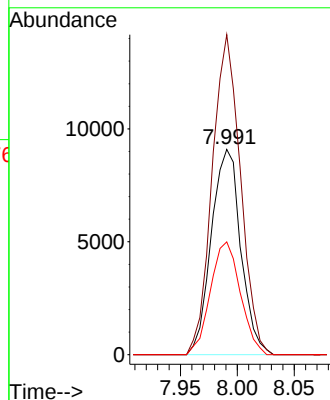
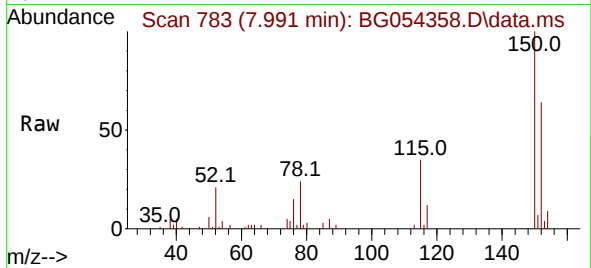




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.991 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

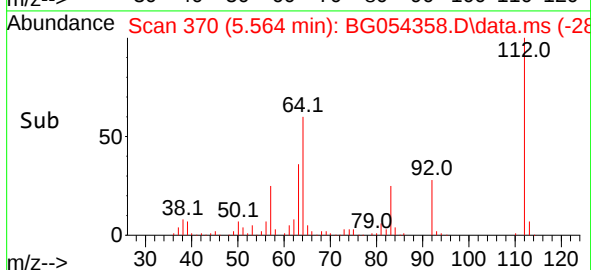
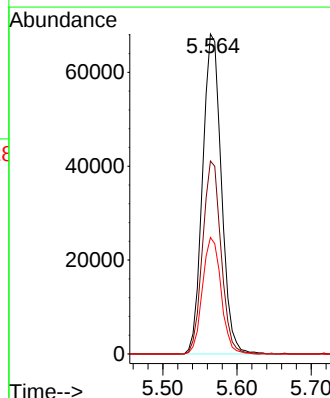
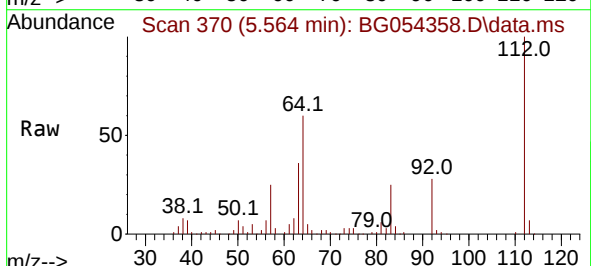
Instrument :
BNA_G
ClientSampleId :
PB146375BL

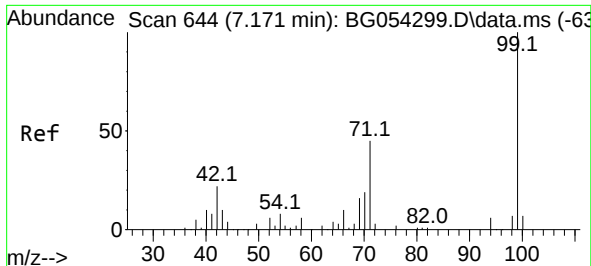
Tgt Ion:152 Resp: 16371
Ion Ratio Lower Upper
152 100
150 155.8 131.6 197.4
115 54.9 50.9 76.3



#5
2-Fluorophenol
Concen: 152.807 ng
RT: 5.564 min Scan# 370
Delta R.T. -0.003 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

Tgt Ion:112 Resp: 119815
Ion Ratio Lower Upper
112 100
64 60.3 55.1 82.7
63 36.4 30.4 45.6

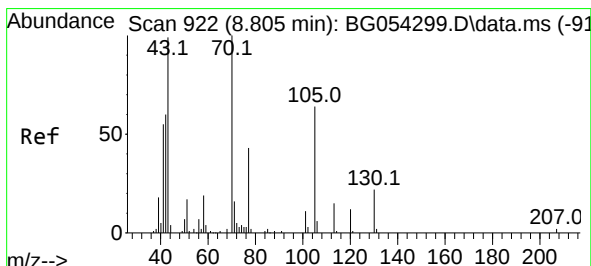
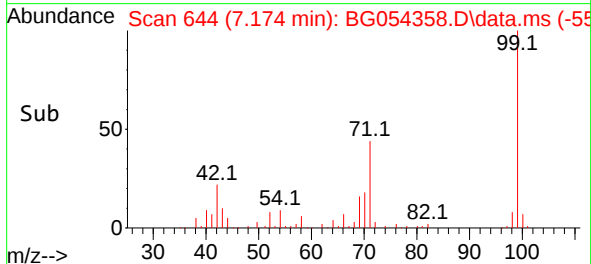
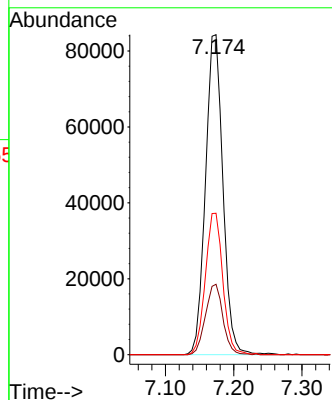
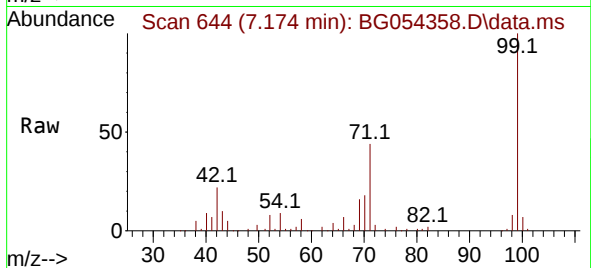




#7
Phenol-d6
Concen: 139.720 ng
RT: 7.174 min Scan# 64
Delta R.T. 0.003 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

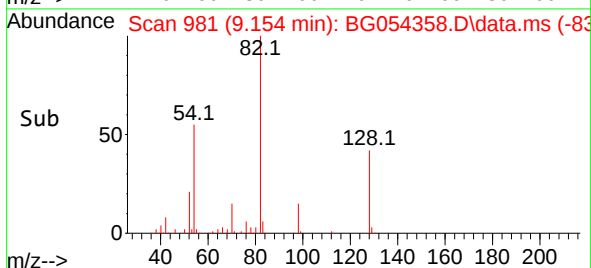
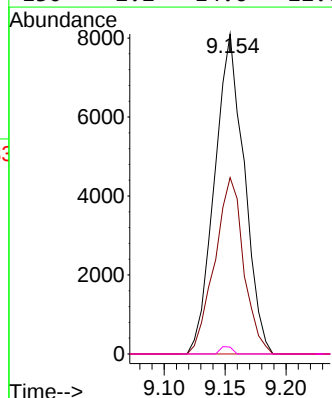
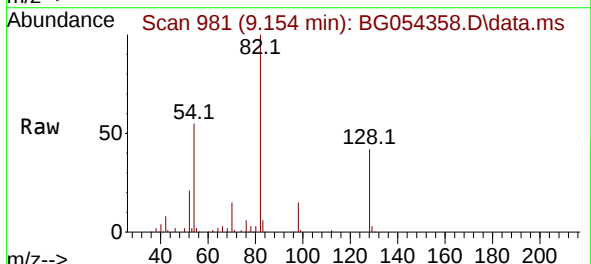
Instrument :
BNA_G
ClientSampleId :
PB146375BL

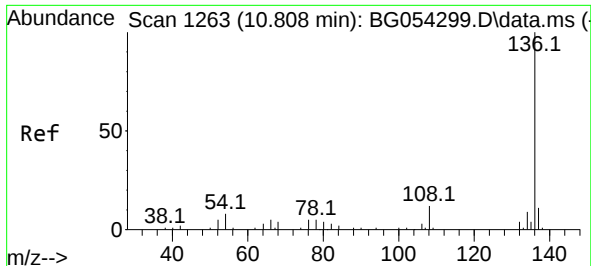
Tgt Ion: 99 Resp: 150116
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 44.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.088 ng
RT: 9.154 min Scan# 981
Delta R.T. 0.349 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

Tgt Ion: 70 Resp: 13695
Ion Ratio Lower Upper
70 100
42 55.1 47.3 70.9
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

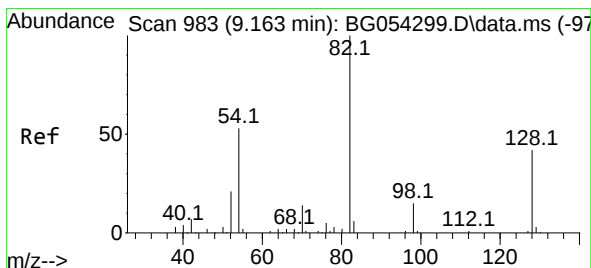
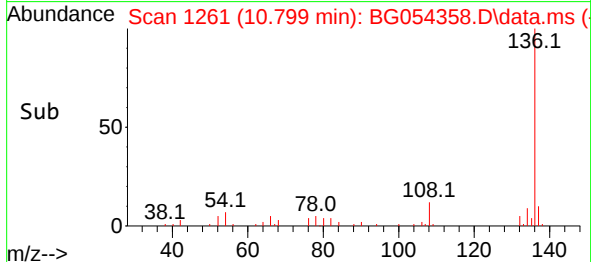
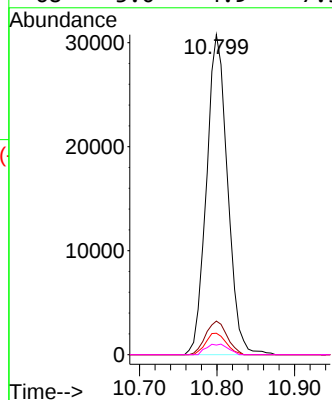
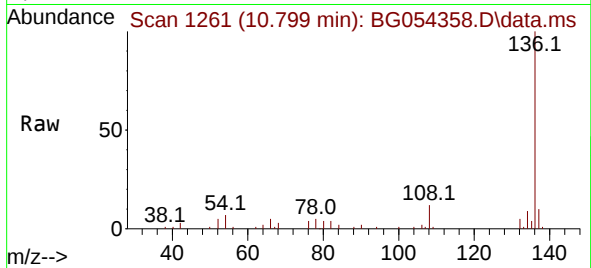




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

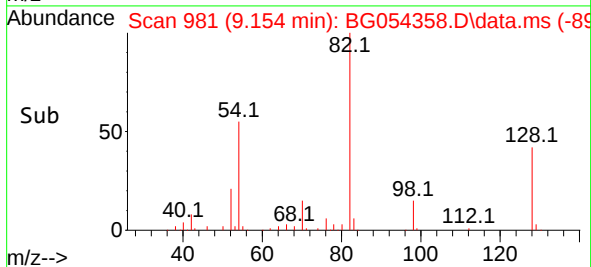
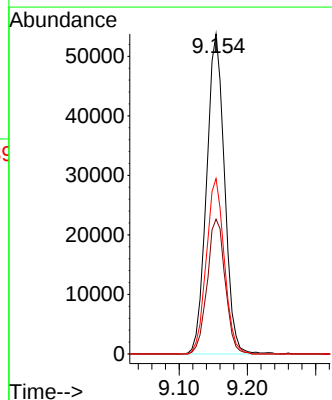
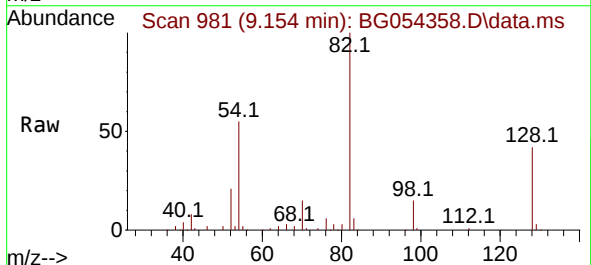
Instrument :
BNA_G
ClientSampleId :
PB146375BL

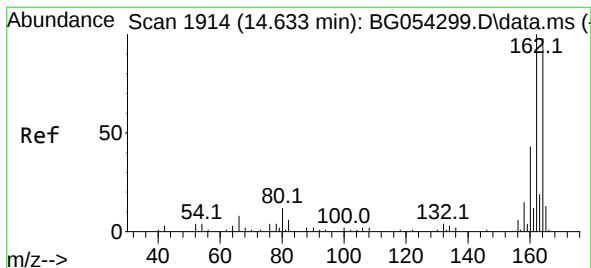
Tgt Ion:	136	Resp:	58015
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.7	7.4	11.2#
68	3.0	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 92.299 ng
RT: 9.154 min Scan# 981
Delta R.T. -0.009 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

Tgt Ion:	82	Resp:	98329
Ion Ratio	Lower	Upper	
82	100		
128	42.1	27.9	41.9#
54	54.8	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.624 min Scan# 1912

Delta R.T. -0.009 min

Lab File: BG054358.D

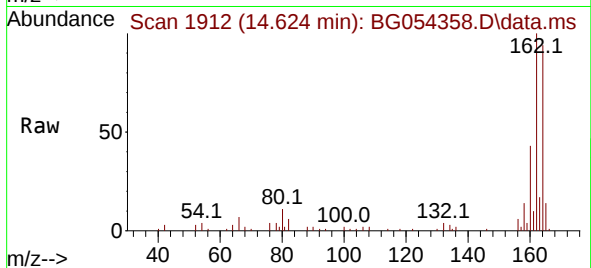
Acq: 22 Jul 2022 13:39

Instrument :

BNA_G

ClientSampleId :

PB146375BL



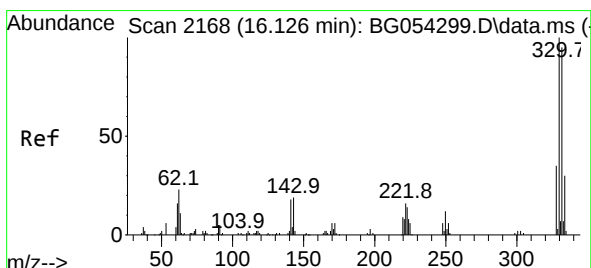
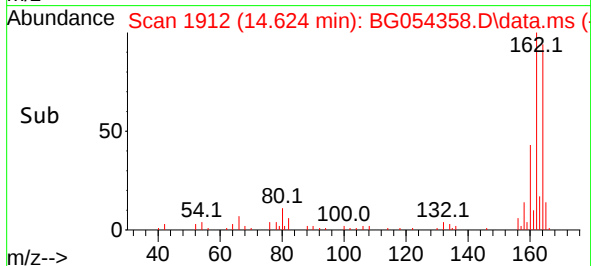
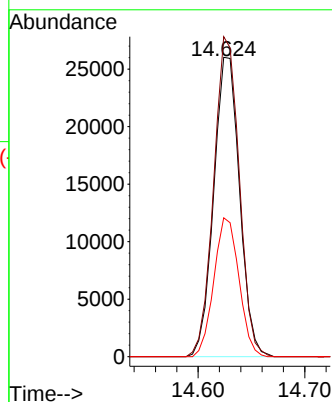
Tgt Ion:164 Resp: 43731

Ion Ratio Lower Upper

164 100

162 106.9 82.3 123.5

160 46.4 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 148.948 ng

RT: 16.116 min Scan# 2166

Delta R.T. -0.009 min

Lab File: BG054358.D

Acq: 22 Jul 2022 13:39

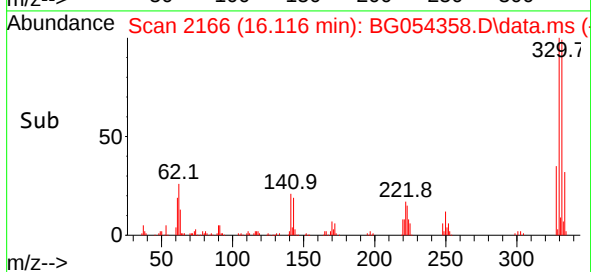
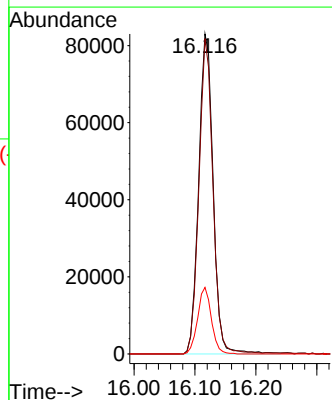
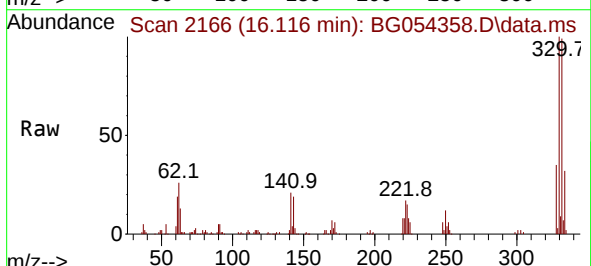
Tgt Ion:330 Resp: 136762

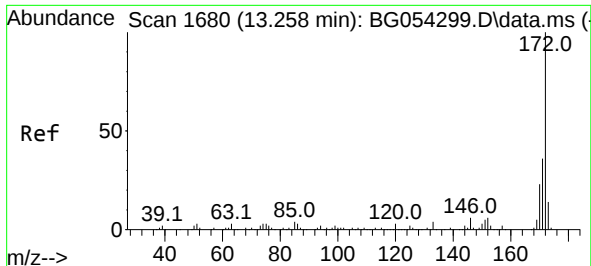
Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 19.8 27.1 40.7#

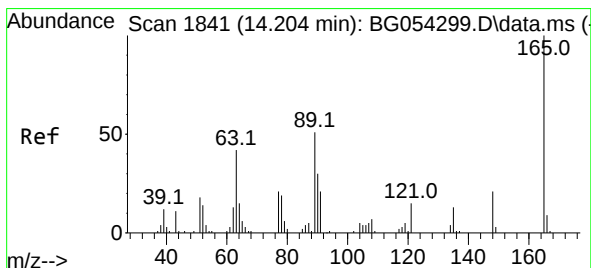
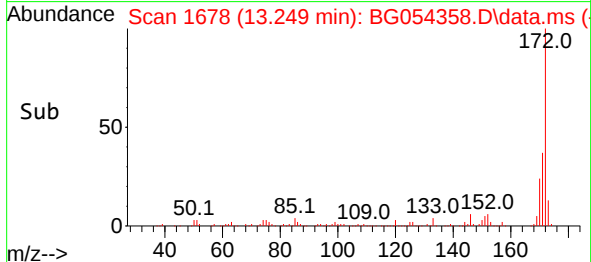
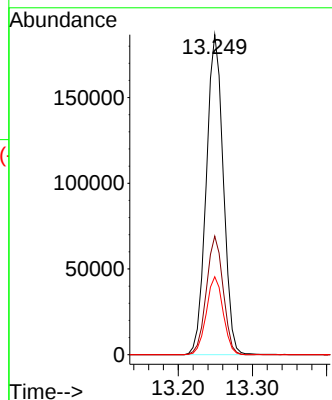
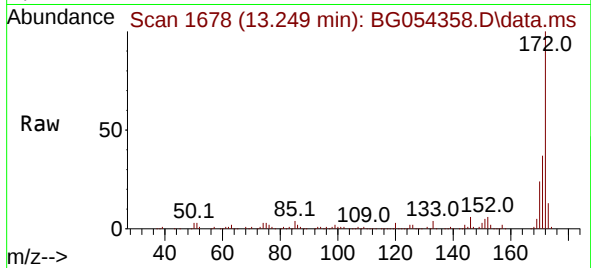




#45
2-Fluorobiphenyl
Concen: 95.918 ng
RT: 13.249 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

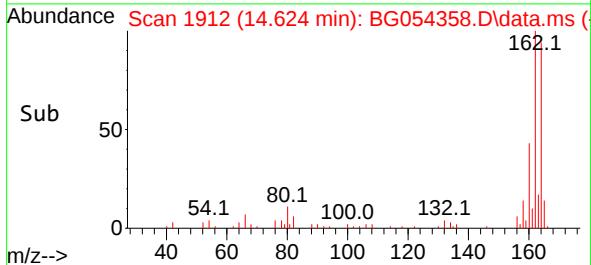
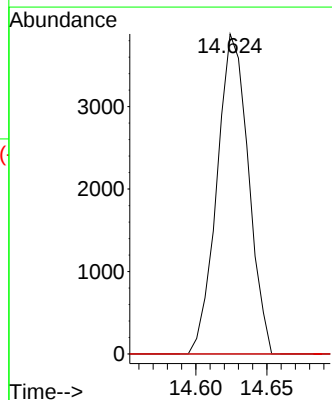
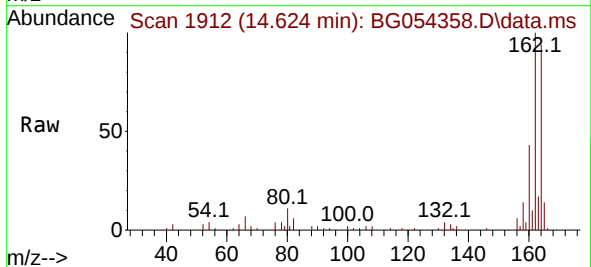
Instrument :
BNA_G
ClientSampleId :
PB146375BL

Tgt Ion:172 Resp: 297341
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.978 ng
RT: 14.624 min Scan# 1912
Delta R.T. 0.420 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

Tgt Ion:165 Resp: 5977
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

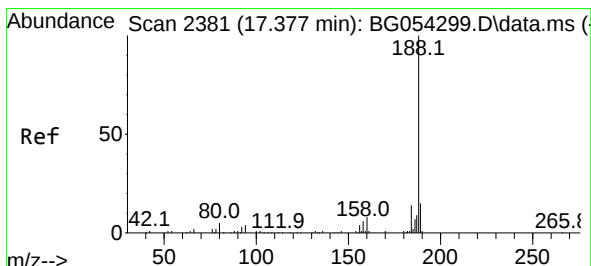
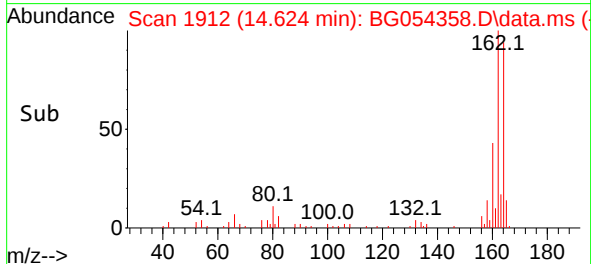
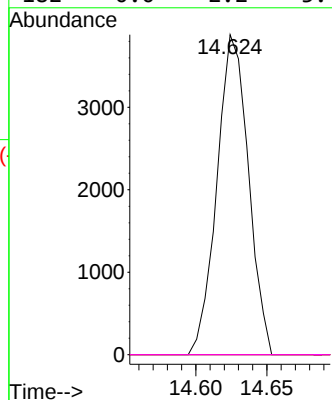
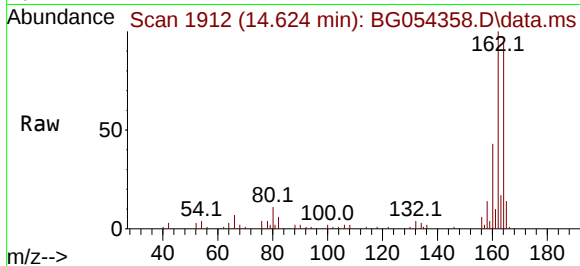




#57
2,4-Dinitrotoluene
Concen: 5.565 ng
RT: 14.624 min Scan# 1976
Delta R.T. -0.373 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

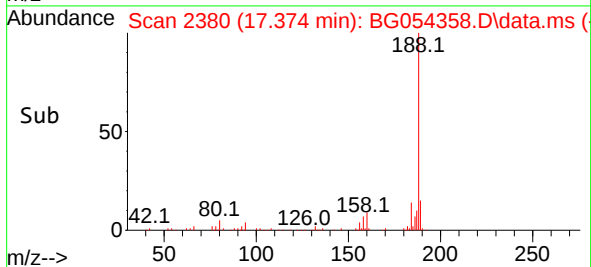
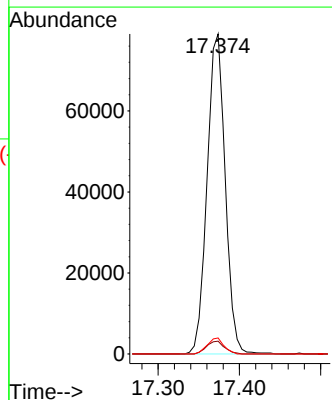
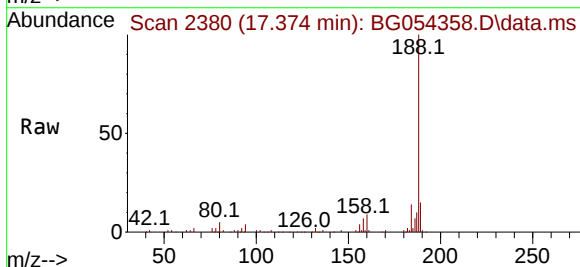
Instrument :
BNA_G
ClientSampleId :
PB146375BL

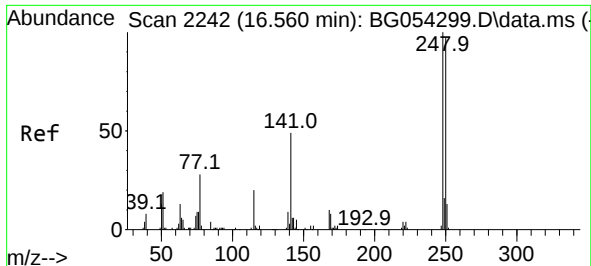
Tgt Ion:165 Resp: 5977
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2380
Delta R.T. -0.003 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

Tgt Ion:188 Resp: 122104
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 5.0 6.8 10.2#

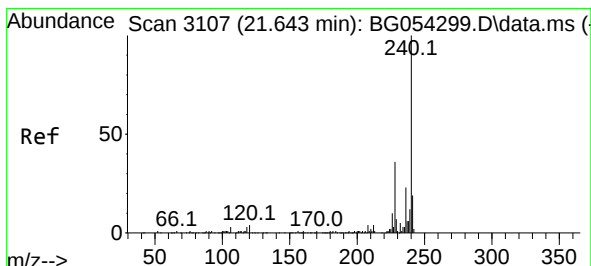
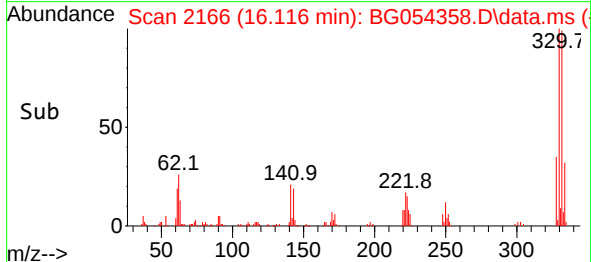
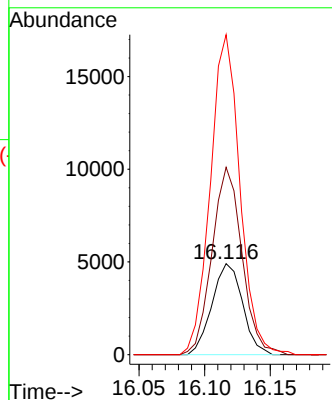
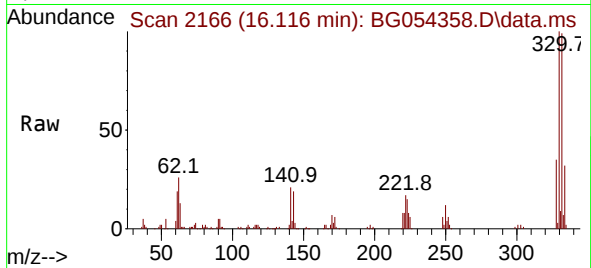




#67
4-Bromophenyl-phenylether
Concen: 4.636 ng
RT: 16.116 min Scan# 2166
Delta R.T. -0.444 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

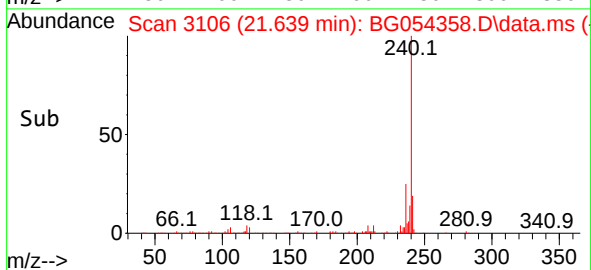
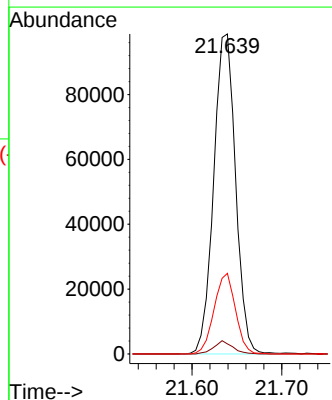
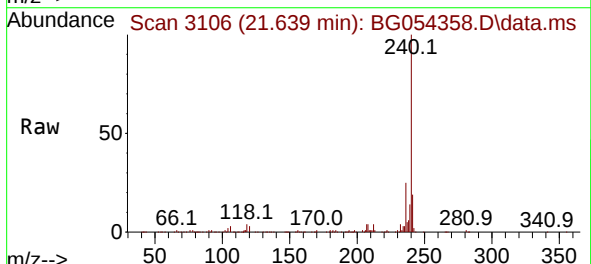
Instrument :
BNA_G
ClientSampleId :
PB146375BL

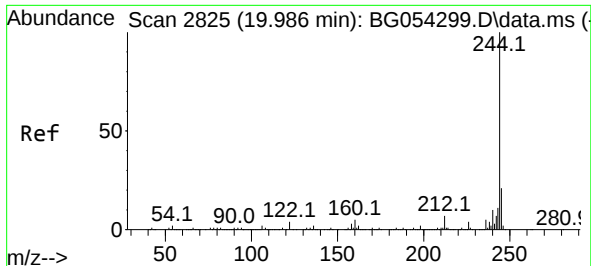
Tgt Ion:248 Resp: 7951
Ion Ratio Lower Upper
248 100
250 155.0 75.2 112.8#
141 264.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3106
Delta R.T. -0.004 min
Lab File: BG054358.D
Acq: 22 Jul 2022 13:39

Tgt Ion:240 Resp: 167075
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 25.2 20.2 30.4

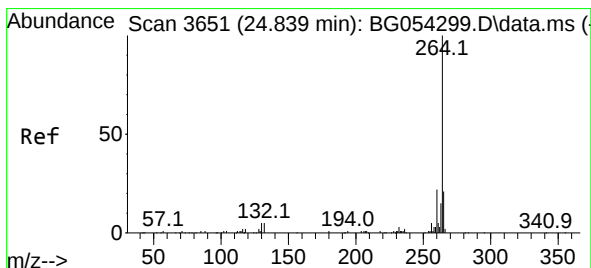
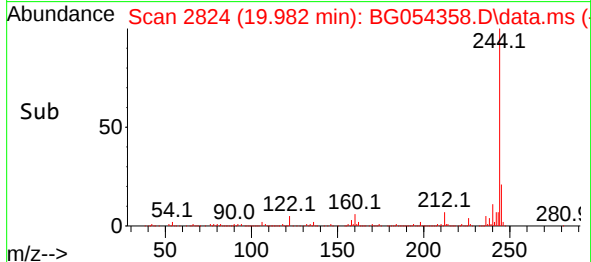
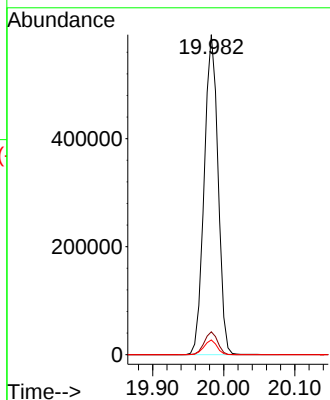
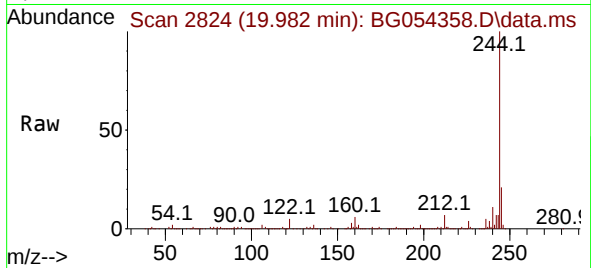




#79
 Terphenyl-d14
 Concen: 95.468 ng
 RT: 19.982 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054358.D
 Acq: 22 Jul 2022 13:39

Instrument :
 BNA_G
 ClientSampleId :
 PB146375BL

Tgt Ion:244 Resp: 804027
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 3650
 Delta R.T. -0.003 min
 Lab File: BG054358.D
 Acq: 22 Jul 2022 13:39

Tgt Ion:264 Resp: 182804
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.4 17.4 26.2

