

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061154.D
 Acq On : 9 May 2024 16:51
 Operator : MA/JU
 Sample : P2390-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-3

Quant Time: May 09 17:30:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

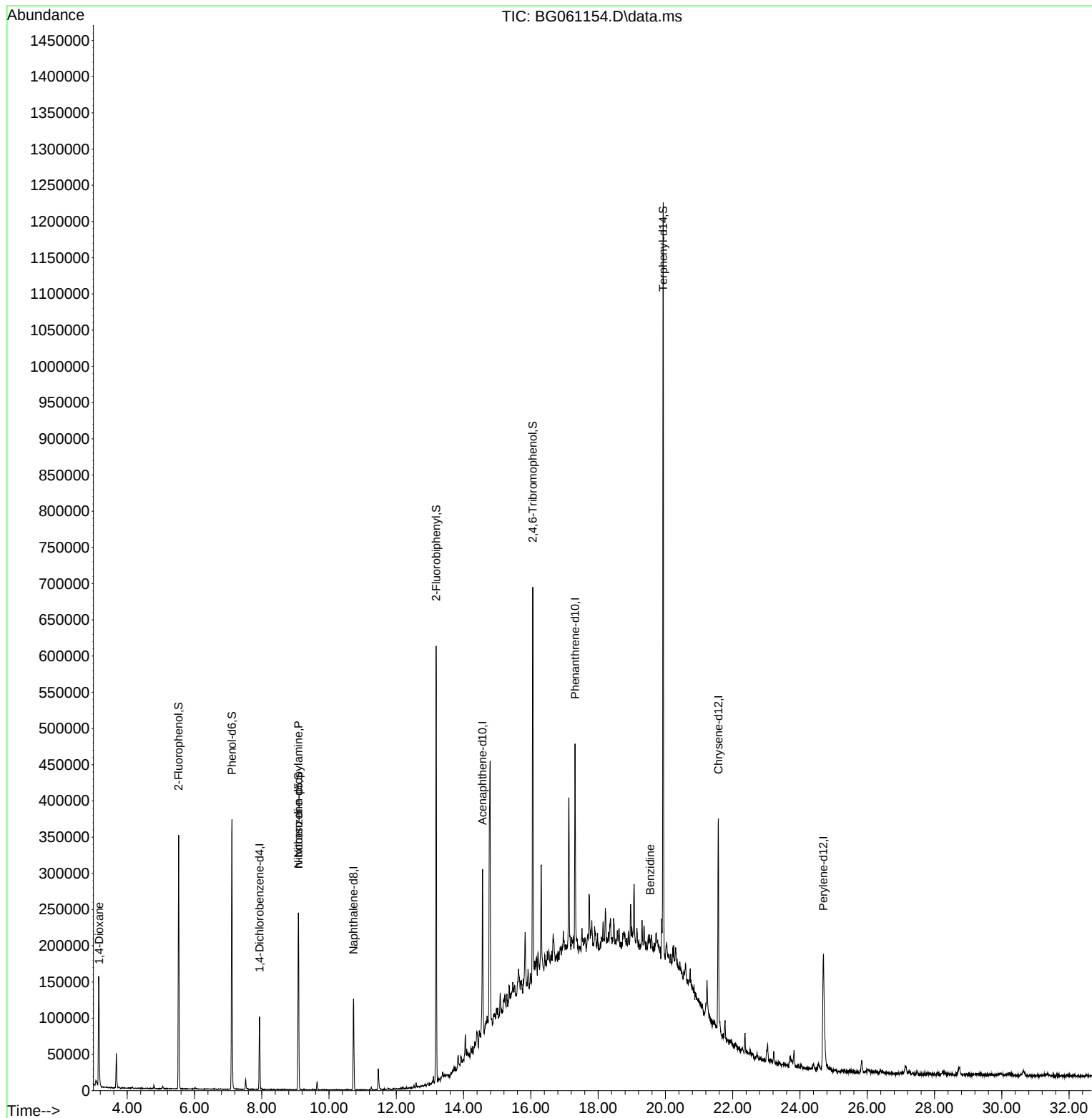
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	26710	20.000	ng	-0.03
21) Naphthalene-d8	10.727	136	100511	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	74826	20.000	ng	-0.03
64) Phenanthrene-d10	17.313	188	170479	20.000	ng	-0.02
76) Chrysene-d12	21.573	240	177685	20.000	ng	-0.02
86) Perylene-d12	24.693	264	219591	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	123218	93.820	ng	-0.02
7) Phenol-d6	7.113	99	169720	87.356	ng	-0.02
23) Nitrobenzene-d5	9.087	82	125710	62.000	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	124794	83.438	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	305880	60.448	ng	-0.03
79) Terphenyl-d14	19.933	244	551452	51.616	ng	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.165	88	1437	2.706	ng	# 1
9) Benzaldehyde	7.107	77	147	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.087	70	19407	13.348	ng	# 63
77) Benzidine	19.551	184	1263	3.147	ng	# 1

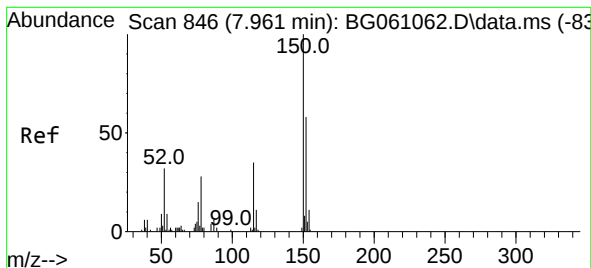
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
Data File : BG061154.D
Acq On : 9 May 2024 16:51
Operator : MA/JU
Sample : P2390-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-3

Quant Time: May 09 17:30:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.936 min Scan# 84

Delta R.T. -0.025 min

Lab File: BG061154.D

Acq: 9 May 2024 16:51

Instrument :

BNA_G

ClientSampleId :

PE-3

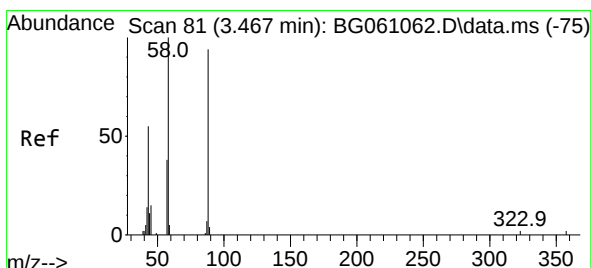
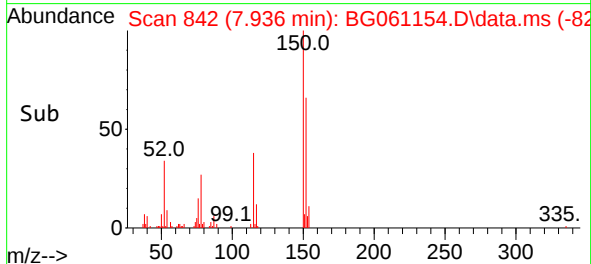
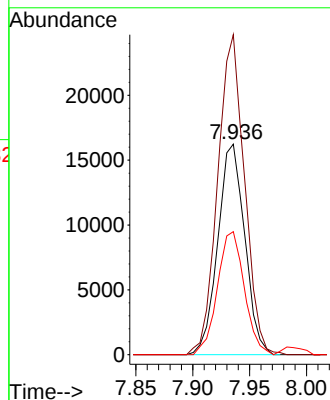
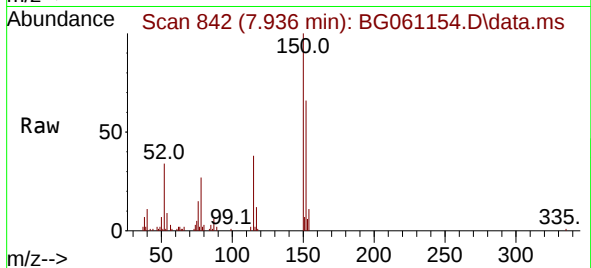
Tgt Ion:152 Resp: 26710

Ion Ratio Lower Upper

152 100

150 151.9 138.3 207.5

115 58.4 48.0 72.0



#2

1,4-Dioxane

Concen: 2.706 ng

RT: 3.165 min Scan# 30

Delta R.T. -0.302 min

Lab File: BG061154.D

Acq: 9 May 2024 16:51

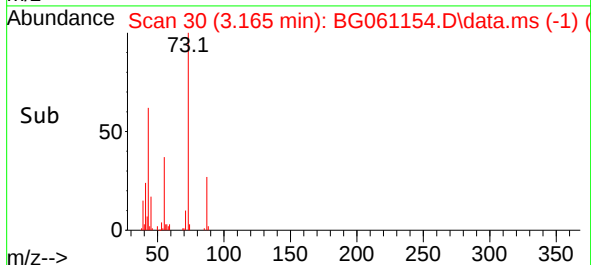
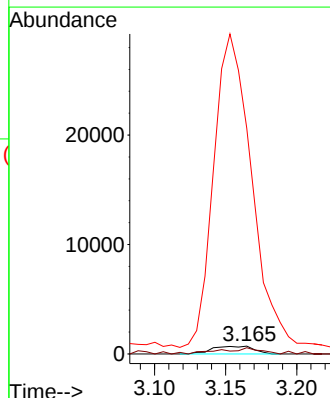
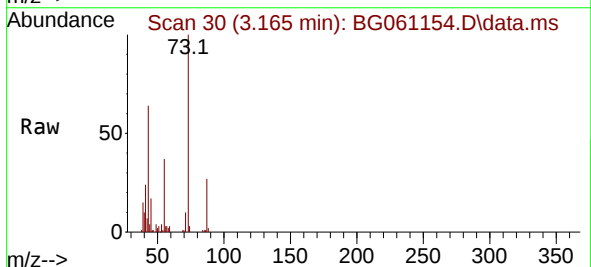
Tgt Ion: 88 Resp: 1437

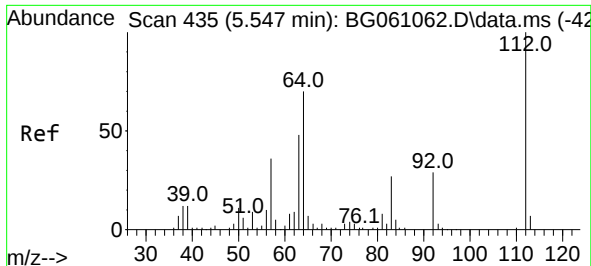
Ion Ratio Lower Upper

88 100

58 74.4 81.2 121.8#

43 3780.2 45.0 67.4#

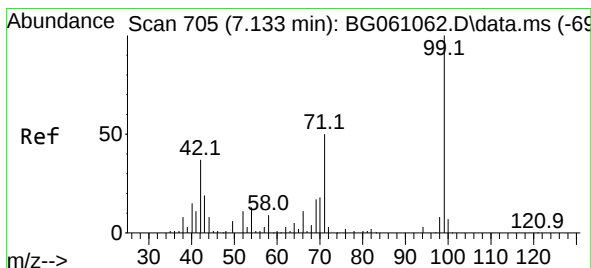
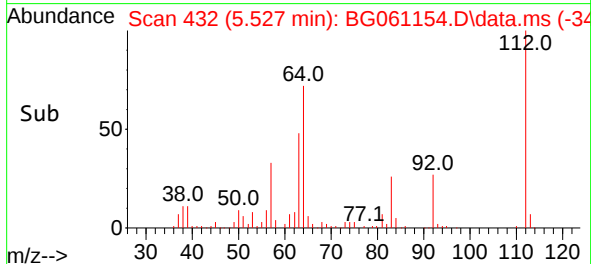
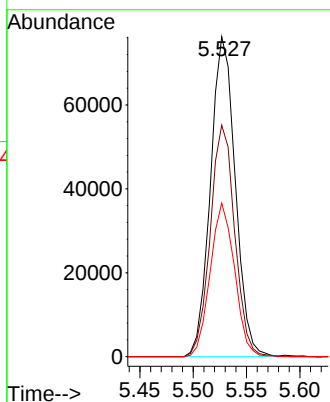
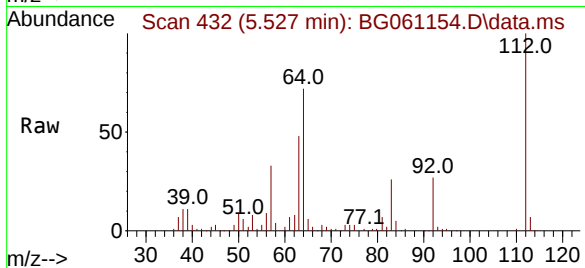




#5
2-Fluorophenol
Concen: 93.820 ng
RT: 5.527 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG061154.D
Acq: 9 May 2024 16:51

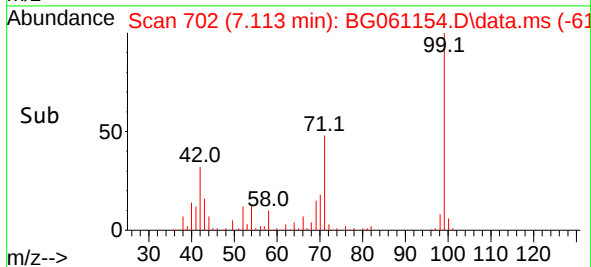
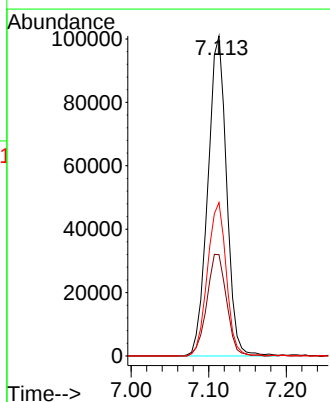
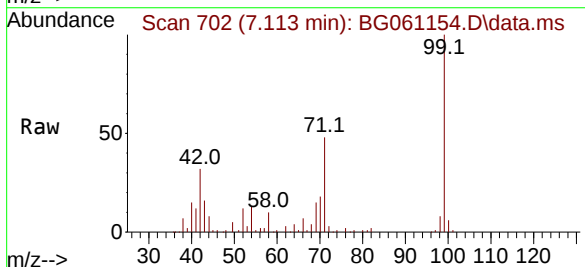
Instrument :
BNA_G
ClientSampleId :
PE-3

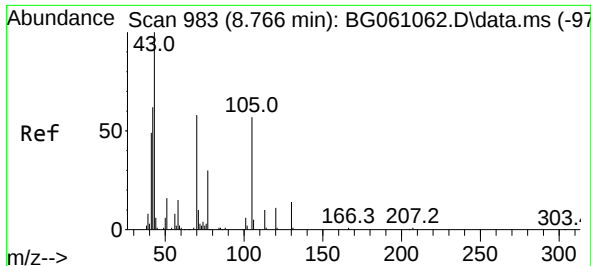
Tgt Ion:112 Resp: 123218
Ion Ratio Lower Upper
112 100
64 72.4 55.7 83.5
63 48.0 38.1 57.1



#7
Phenol-d6
Concen: 87.356 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.020 min
Lab File: BG061154.D
Acq: 9 May 2024 16:51

Tgt Ion: 99 Resp: 169720
Ion Ratio Lower Upper
99 100
42 31.6 29.2 43.8
71 48.0 39.7 59.5





#19

n-Nitroso-di-n-propylamine

Concen: 13.348 ng

RT: 9.087 min Scan# 1038

Delta R.T. 0.321 min

Lab File: BG061154.D

Acq: 9 May 2024 16:51

Instrument :

BNA_G

ClientSampleId :

PE-3

Tgt Ion: 70 Resp: 19407

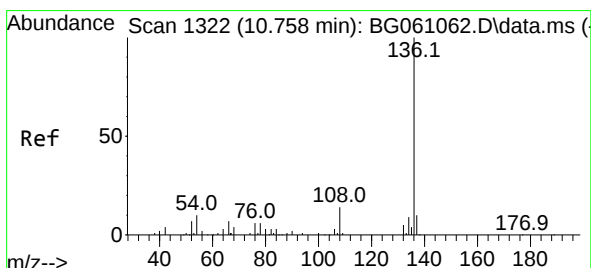
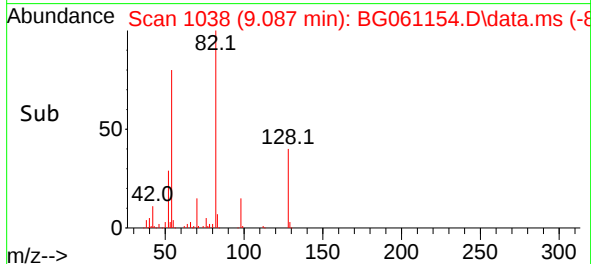
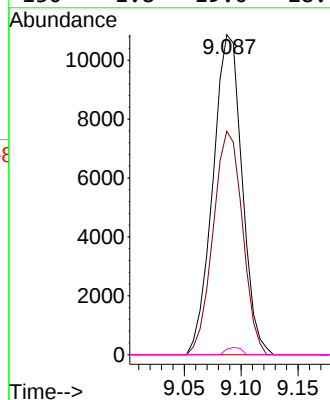
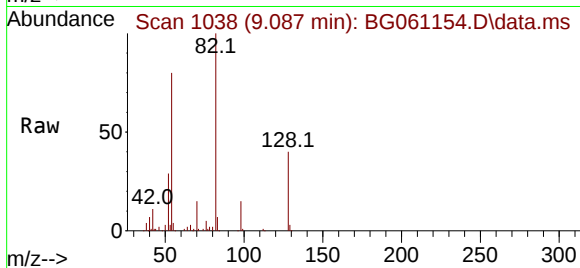
Ion Ratio Lower Upper

70 100

42 69.9 86.4 129.6#

101 0.0 7.8 11.8#

130 1.8 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.727 min Scan# 1317

Delta R.T. -0.032 min

Lab File: BG061154.D

Acq: 9 May 2024 16:51

Tgt Ion: 136 Resp: 100511

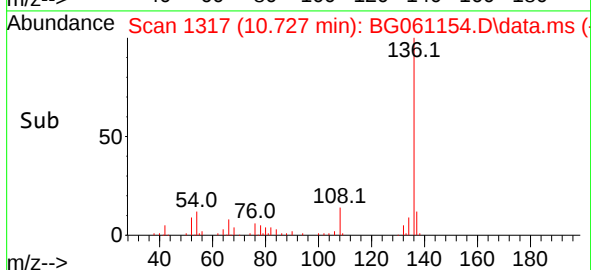
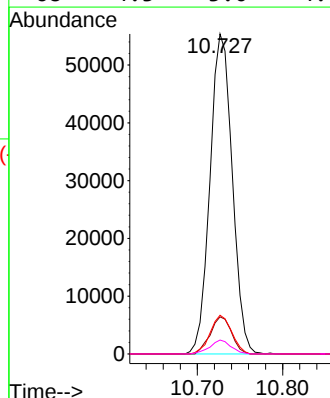
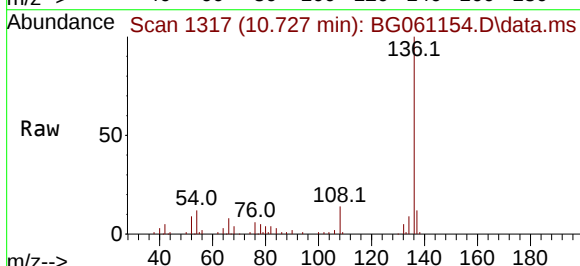
Ion Ratio Lower Upper

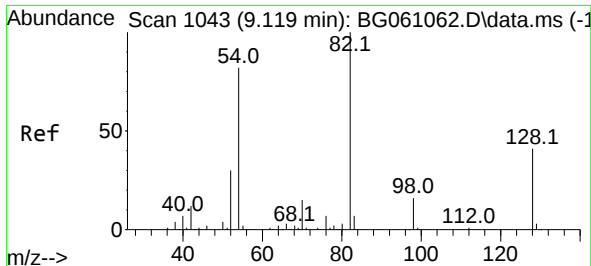
136 100

137 11.6 7.8 11.6

54 12.1 8.1 12.1

68 4.3 3.0 4.4





#23

Nitrobenzene-d5

Concen: 62.000 ng

RT: 9.087 min Scan# 1043

Delta R.T. -0.032 min

Lab File: BG061154.D

Acq: 9 May 2024 16:51

Instrument :

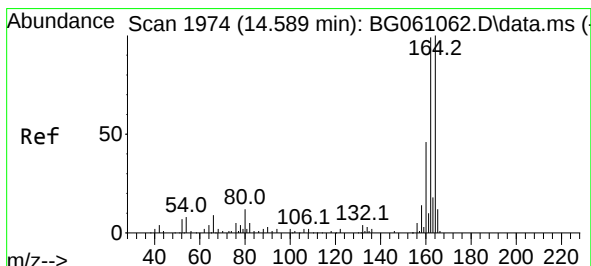
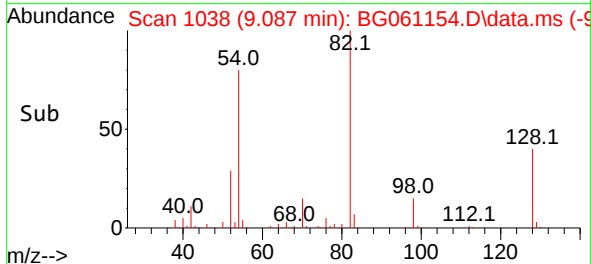
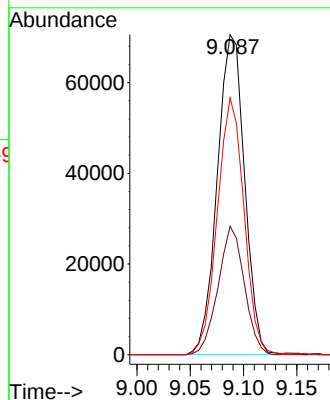
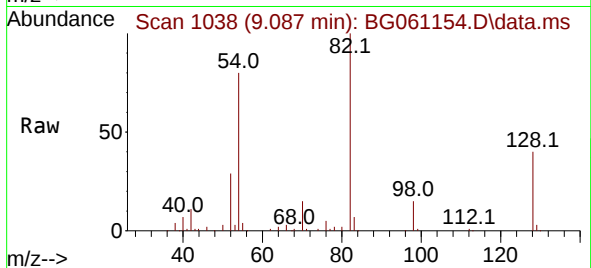
BNA_G

ClientSampleId :

PE-3

Tgt Ion: 82 Resp: 125710

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.7	49.1
54	80.2	65.6	98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1970

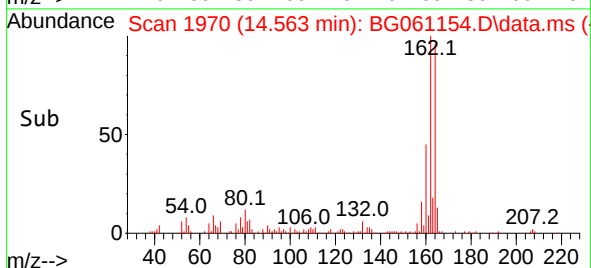
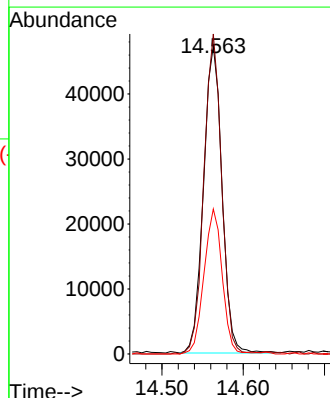
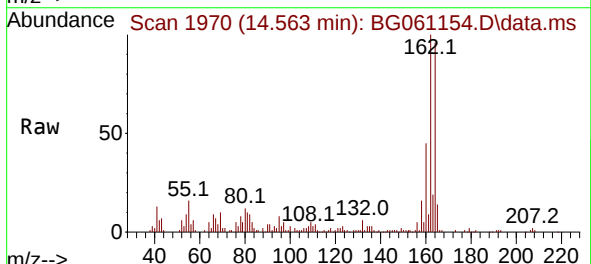
Delta R.T. -0.026 min

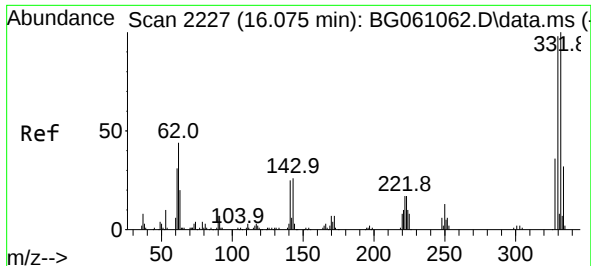
Lab File: BG061154.D

Acq: 9 May 2024 16:51

Tgt Ion: 164 Resp: 74826

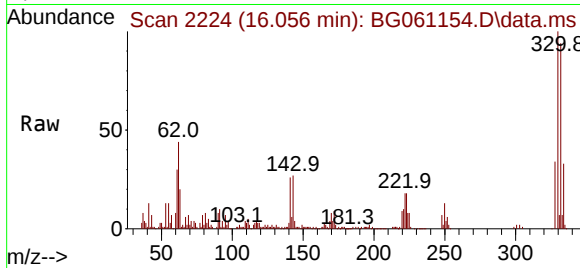
Ion	Ratio	Lower	Upper
164	100		
162	104.0	79.4	119.2
160	47.1	37.0	55.6



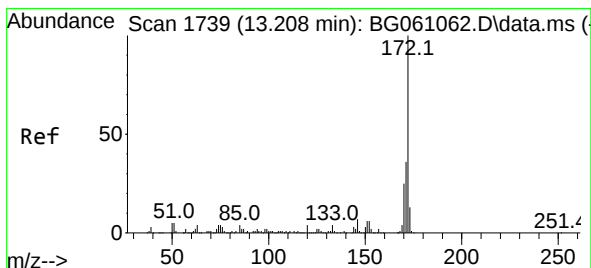
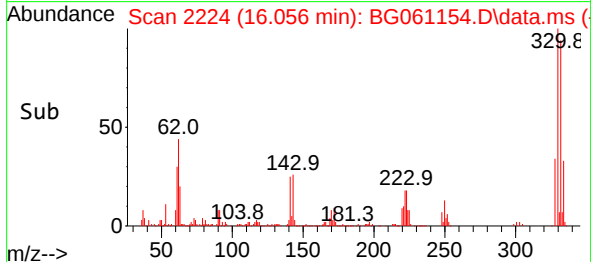
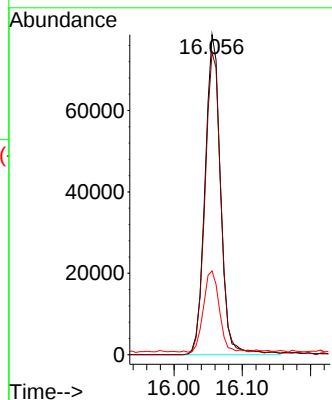


#42
2,4,6-Tribromophenol
Concen: 83.438 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061154.D
Acq: 9 May 2024 16:51

Instrument :
BNA_G
ClientSampleId :
PE-3

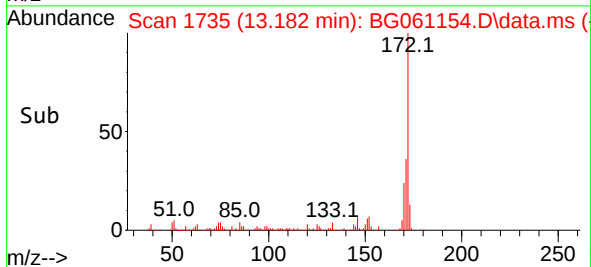
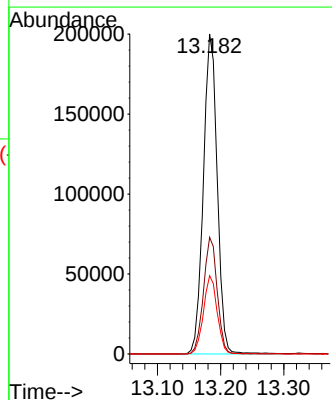
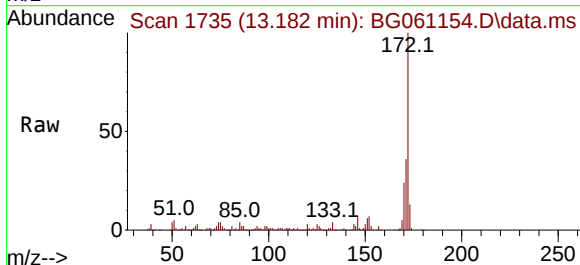


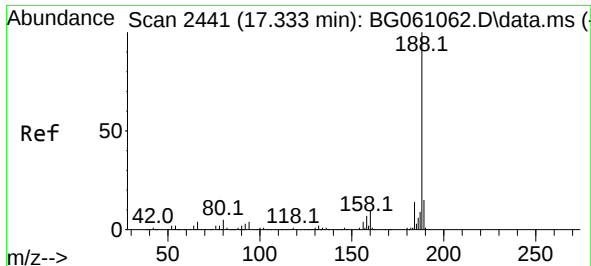
Tgt Ion:330 Resp: 124794
Ion Ratio Lower Upper
330 100
332 96.3 78.6 117.8
141 25.8 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 60.448 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061154.D
Acq: 9 May 2024 16:51

Tgt Ion:172 Resp: 305880
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.5 20.2 30.4

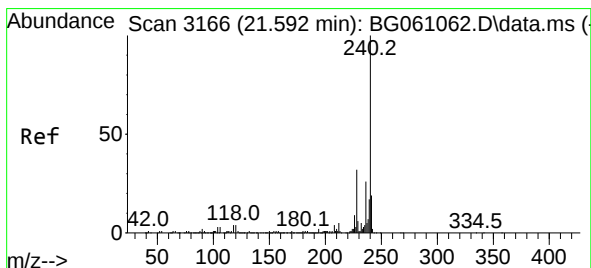
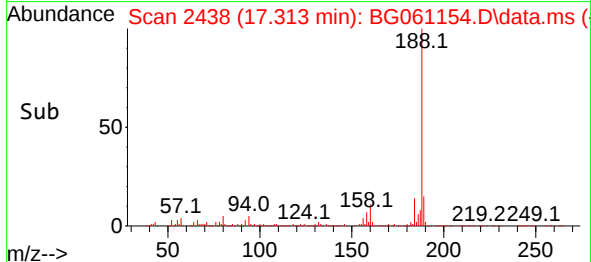
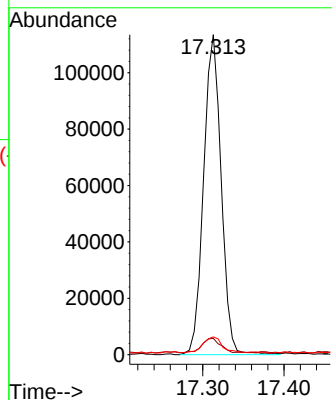
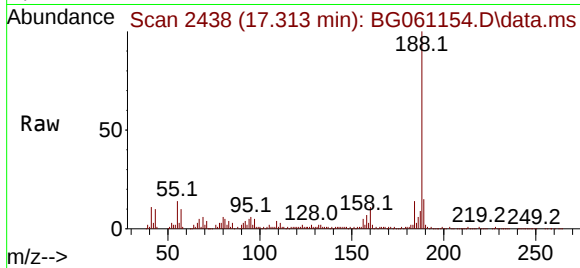




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2441
Delta R.T. -0.020 min
Lab File: BG061154.D
Acq: 9 May 2024 16:51

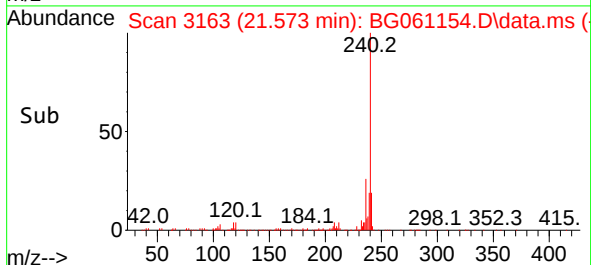
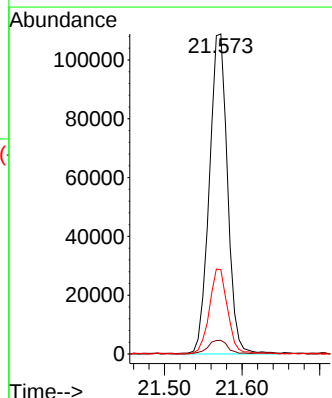
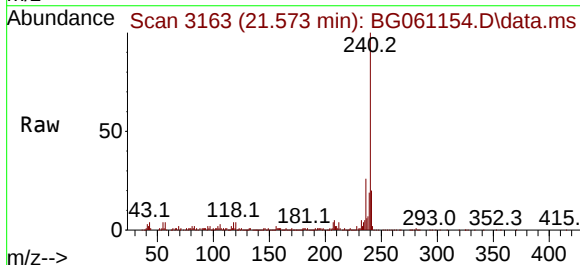
Instrument :
BNA_G
ClientSampleId :
PE-3

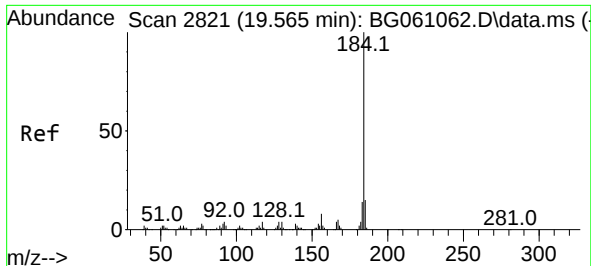
Tgt Ion:188 Resp: 170479
Ion Ratio Lower Upper
188 100
94 5.1 3.6 5.4
80 5.6 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3163
Delta R.T. -0.020 min
Lab File: BG061154.D
Acq: 9 May 2024 16:51

Tgt Ion:240 Resp: 177685
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 26.4 21.0 31.6

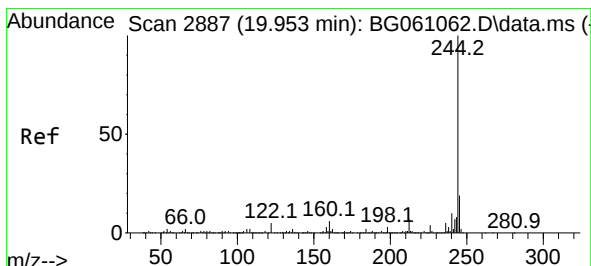
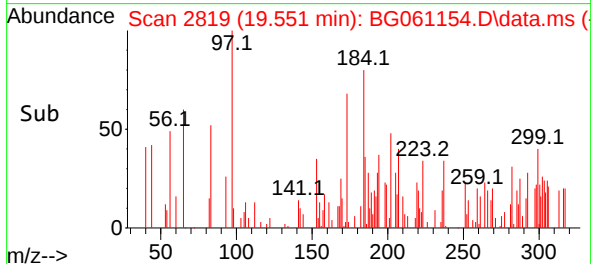
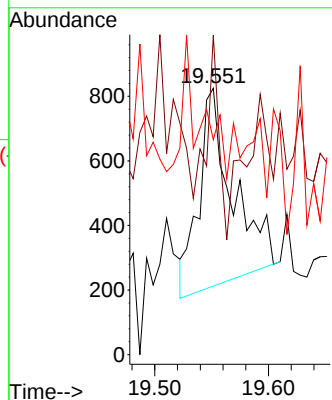
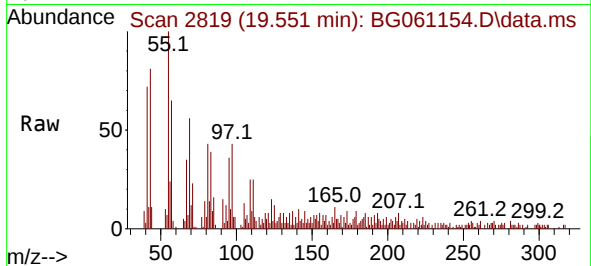




#77
Benzidine
Concen: 3.147 ng
RT: 19.551 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG061154.D
Acq: 9 May 2024 16:51

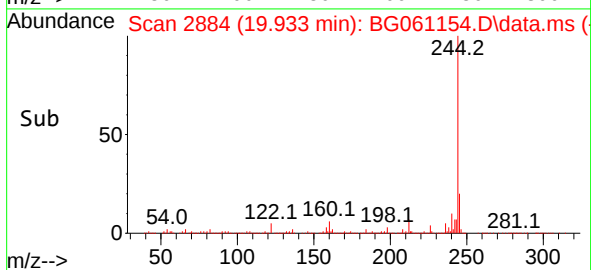
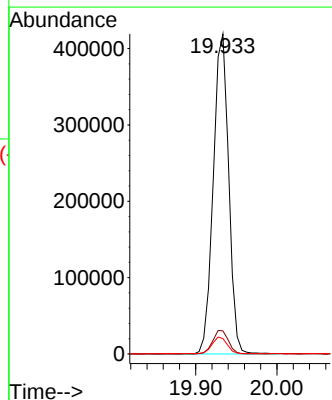
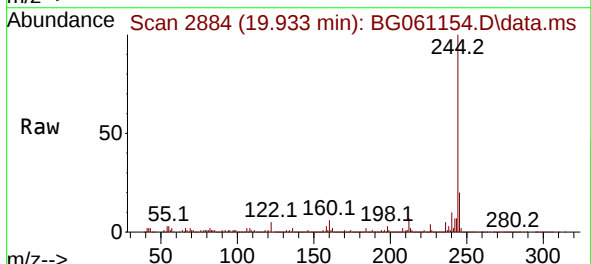
Instrument :
BNA_G
ClientSampleId :
PE-3

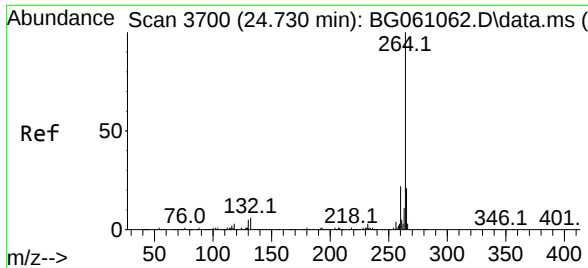
Tgt Ion:184 Resp: 1263
Ion Ratio Lower Upper
184 100
185 119.9 12.0 18.0#
183 80.7 10.9 16.3#



#79
Terphenyl-d14
Concen: 51.616 ng
RT: 19.933 min Scan# 2884
Delta R.T. -0.020 min
Lab File: BG061154.D
Acq: 9 May 2024 16:51

Tgt Ion:244 Resp: 551452
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 4.8 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.693 min Scan# 30
 Delta R.T. -0.037 min
 Lab File: BG061154.D
 Acq: 9 May 2024 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PE-3

Tgt Ion:264 Resp: 219591
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.7 26.5
 265 20.5 16.4 24.6

