

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061157.D
 Acq On : 9 May 2024 18:54
 Operator : MA/JU
 Sample : P2391-05 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-2

Quant Time: May 10 02:26:08 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)

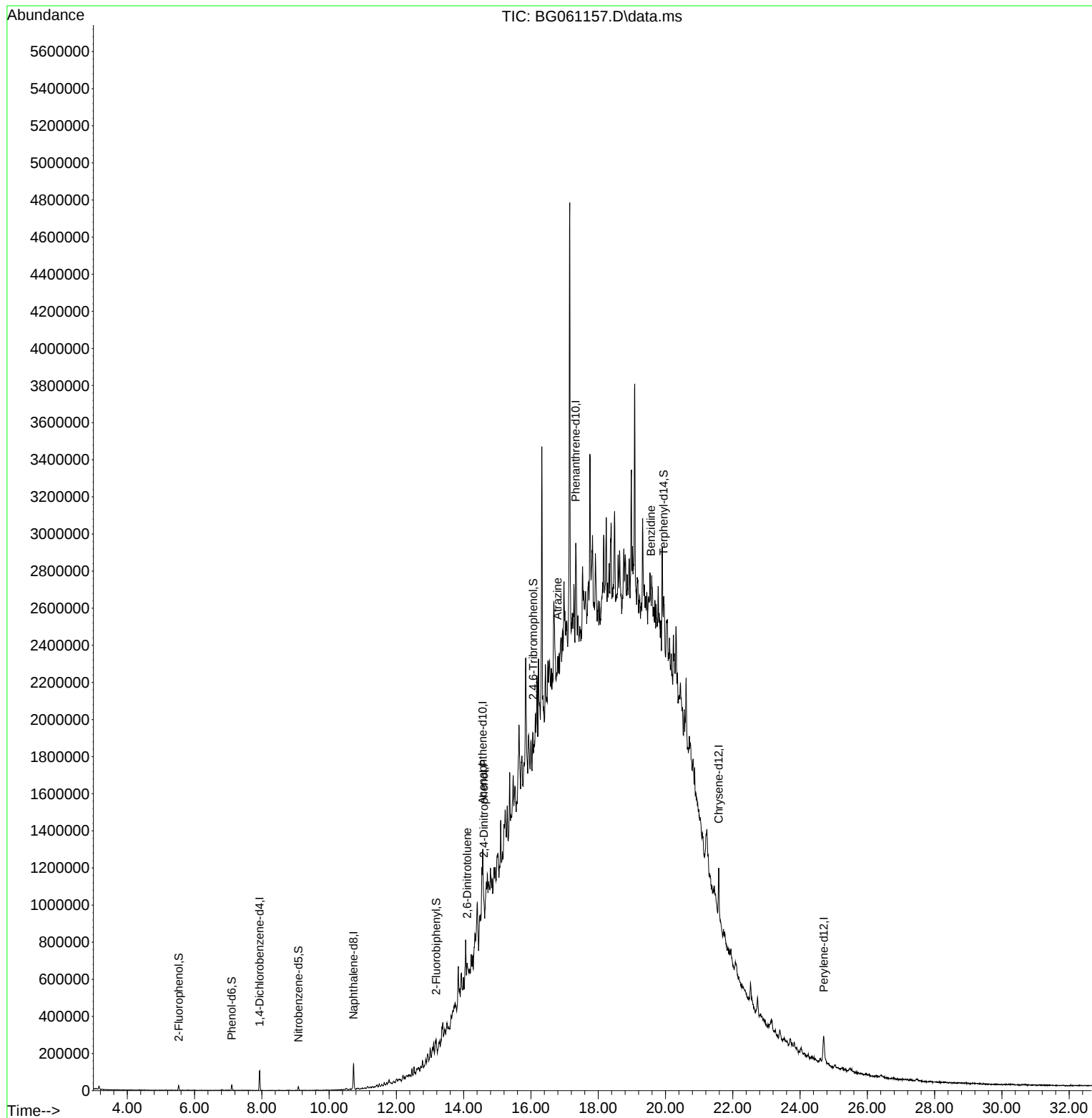
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	28083	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	105304	20.000	ng	-0.03
39) Acenaphthene-d10	14.568	164	78640	20.000	ng	-0.02
64) Phenanthrene-d10	17.329	188	165431	20.000	ng	# 0.00
76) Chrysene-d12	21.583	240	166457	20.000	ng	# 0.00
86) Perylene-d12	24.703	264	192286	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	10645	7.709	ng	-0.02
7) Phenol-d6	7.106	99	14366	7.033	ng	-0.03
23) Nitrobenzene-d5	9.086	82	10255	4.828	ng	-0.03
42) 2,4,6-Tribromophenol	16.066	330	8671	5.516	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	27678	5.204	ng	-0.03
79) Terphenyl-d14	19.944	244	53945	5.390	ng	0.00
Target Compounds						
9) Benzaldehyde	7.065	77	191	Below Cal	#	3
51) 2,6-Dinitrotoluene	14.104	165	7775	5.984	ng	# 25
54) 2,4-Dinitrophenol	14.603	184	63	2.274	ng	# 1
69) Atrazine	16.789	200	3881	2.294	ng	# 1
77) Benzidine	19.568	184	629	2.982	ng	# 1

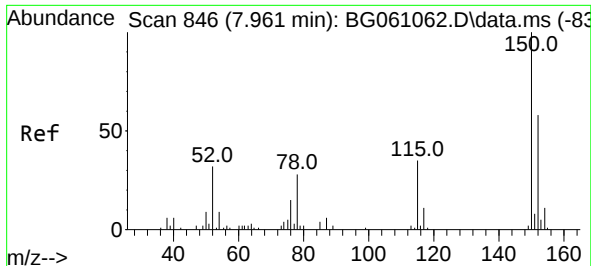
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
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Quant Time: May 10 02:26:08 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
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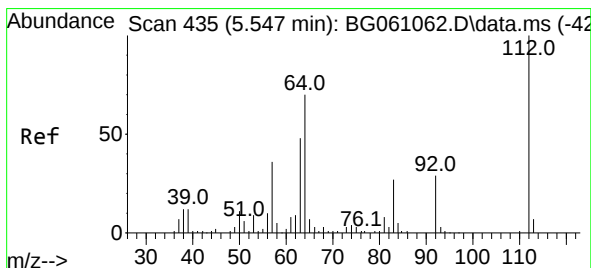
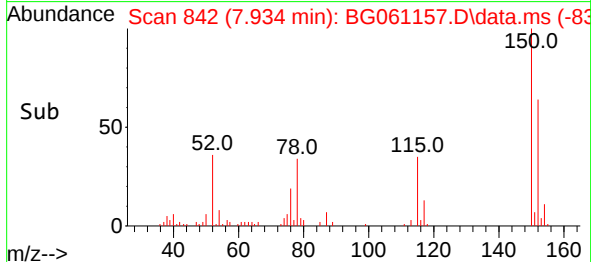
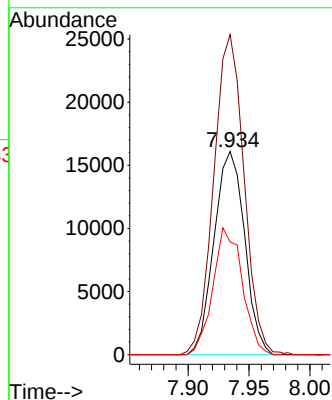
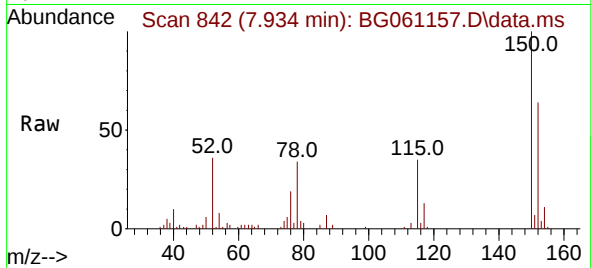




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 846
Delta R.T. -0.027 min
Lab File: BG061157.D
Acq: 9 May 2024 18:54

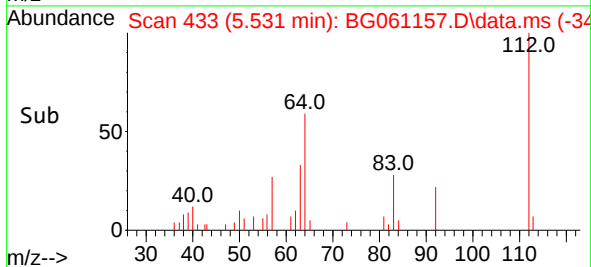
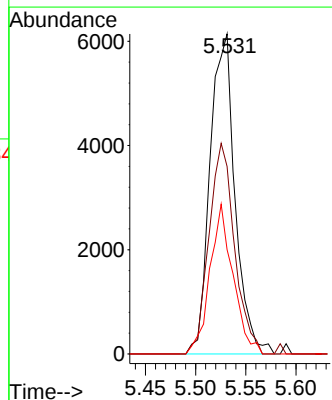
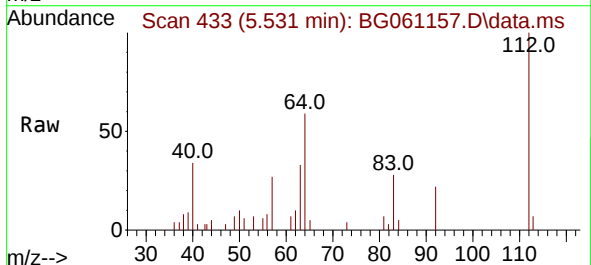
Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:152 Resp: 28083
Ion Ratio Lower Upper
152 100
150 157.4 138.3 207.5
115 55.4 48.0 72.0



#5
2-Fluorophenol
Concen: 7.709 ng
RT: 5.531 min Scan# 433
Delta R.T. -0.015 min
Lab File: BG061157.D
Acq: 9 May 2024 18:54

Tgt Ion:112 Resp: 10645
Ion Ratio Lower Upper
112 100
64 58.6 55.7 83.5
63 32.6 38.1 57.1#

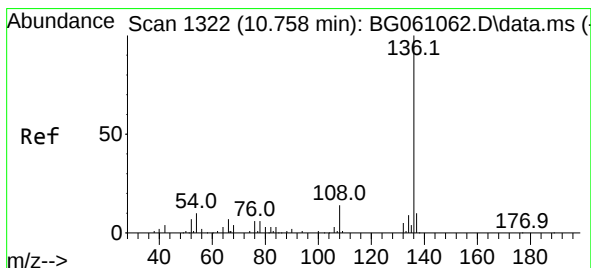
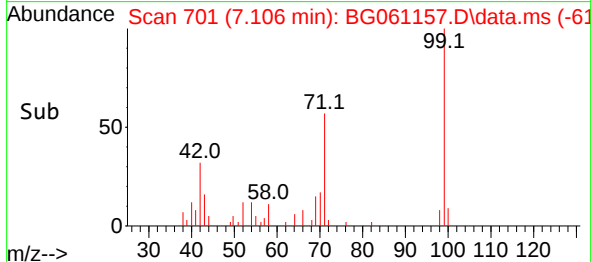
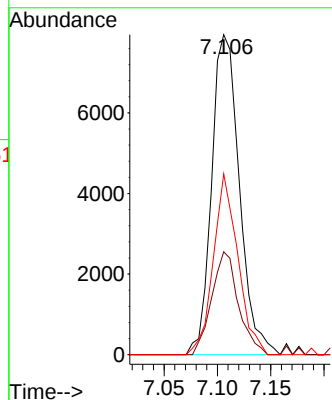
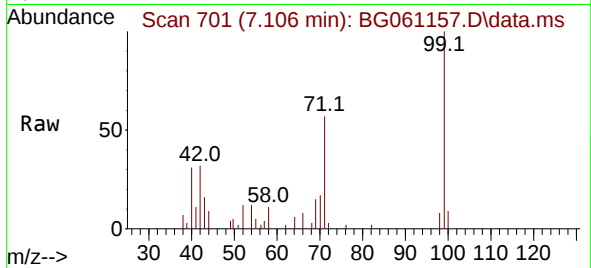




#7
Phenol-d6
Concen: 7.033 ng
RT: 7.106 min Scan# 705
Delta R.T. -0.027 min
Lab File: BG061157.D
Acq: 9 May 2024 18:54

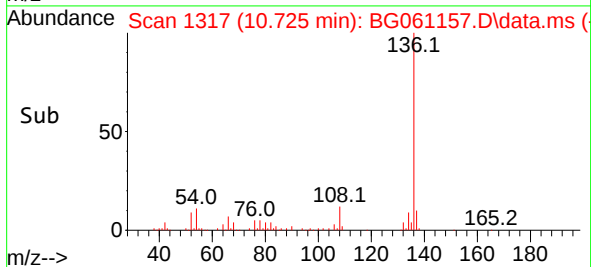
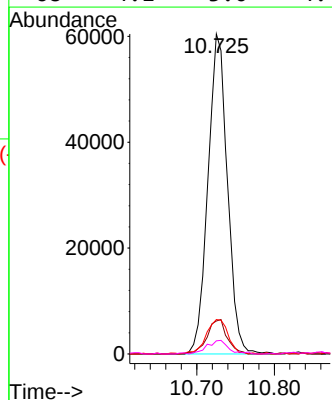
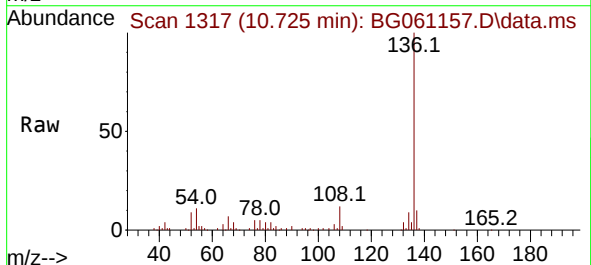
Instrument :
BNA_G
ClientSampleId :
PE-2

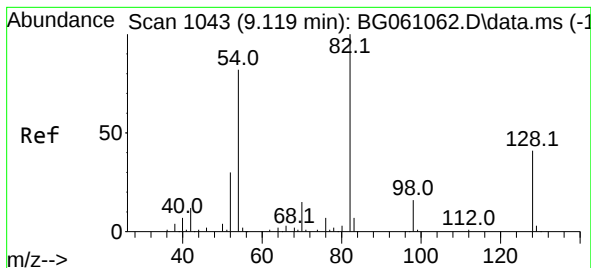
Tgt Ion: 99 Resp: 14366
Ion Ratio Lower Upper
99 100
42 32.2 29.2 43.8
71 56.5 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1317
Delta R.T. -0.033 min
Lab File: BG061157.D
Acq: 9 May 2024 18:54

Tgt Ion:136 Resp: 105304
Ion Ratio Lower Upper
136 100
137 10.3 7.8 11.6
54 10.7 8.1 12.1
68 4.1 3.0 4.4





#23

Nitrobenzene-d5

Concen: 4.828 ng

RT: 9.086 min Scan# 1038

Delta R.T. -0.033 min

Lab File: BG061157.D

Acq: 9 May 2024 18:54

Instrument :

BNA_G

ClientSampleId :

PE-2

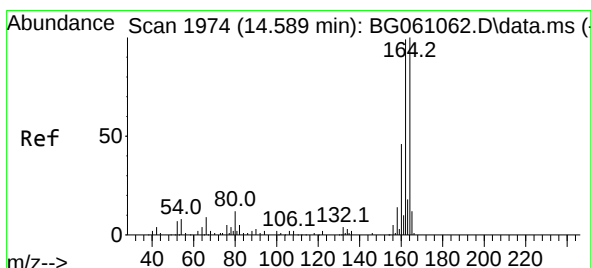
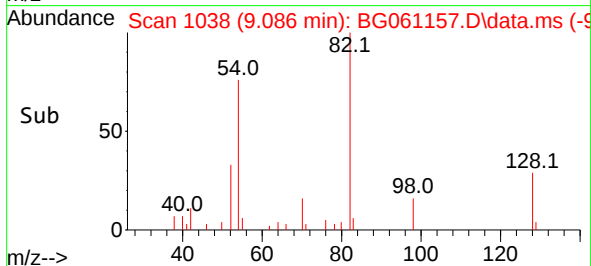
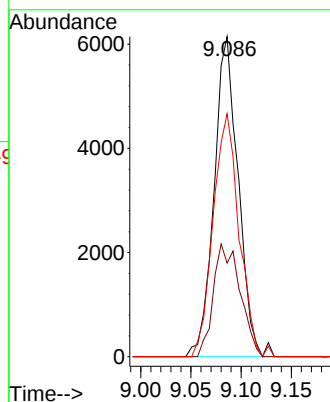
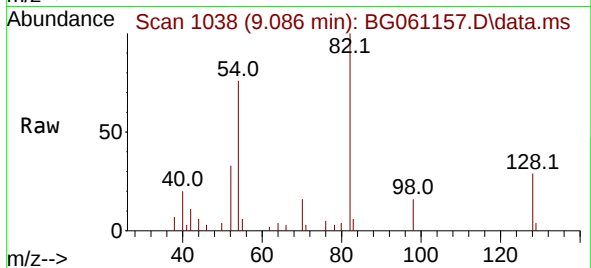
Tgt Ion: 82 Resp: 10255

Ion Ratio Lower Upper

82 100

128 29.3 32.7 49.1#

54 75.9 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.021 min

Lab File: BG061157.D

Acq: 9 May 2024 18:54

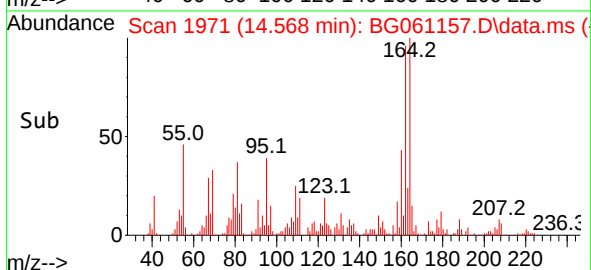
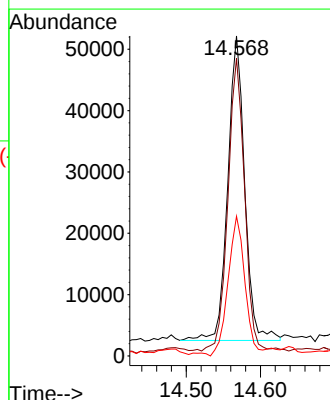
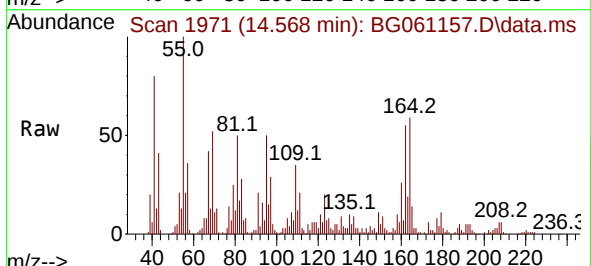
Tgt Ion:164 Resp: 78640

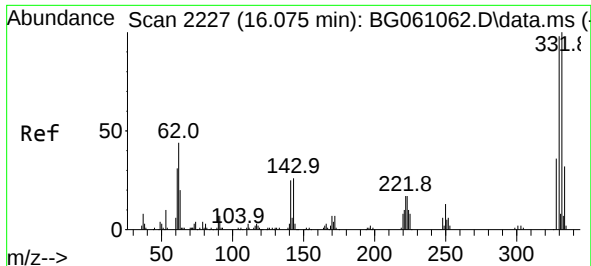
Ion Ratio Lower Upper

164 100

162 93.1 79.4 119.2

160 43.6 37.0 55.6

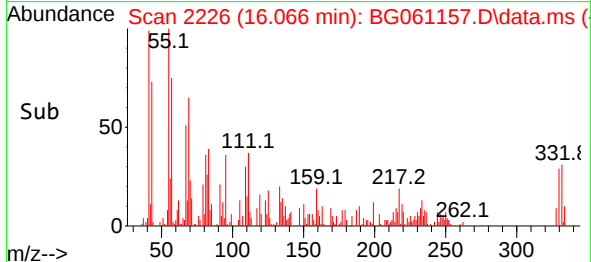
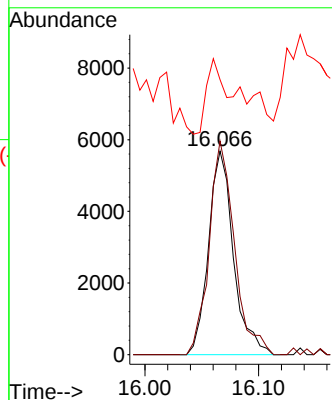
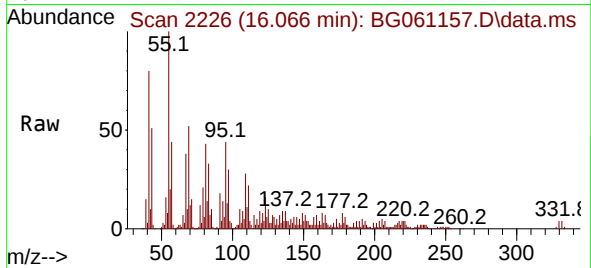




#42
2,4,6-Tribromophenol
Concen: 5.516 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG061157.D
Acq: 9 May 2024 18:54

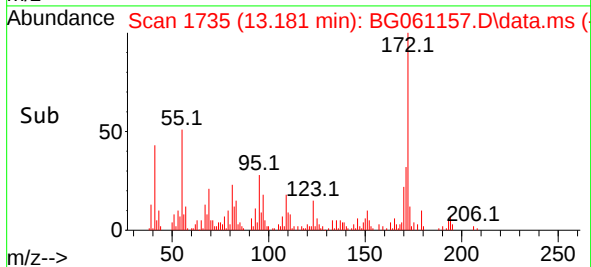
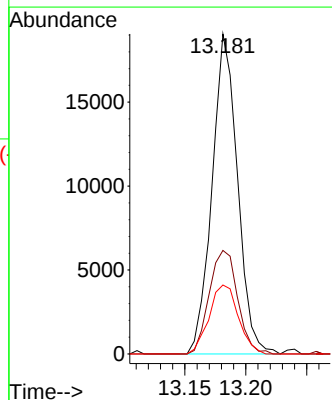
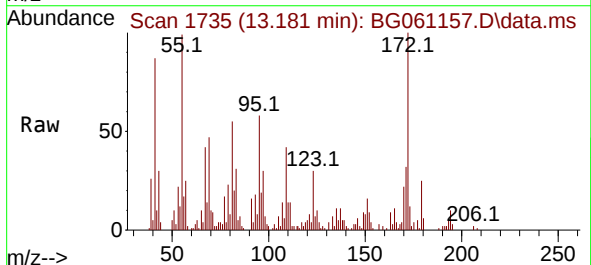
Instrument :
BNA_G
ClientSampleId :
PE-2

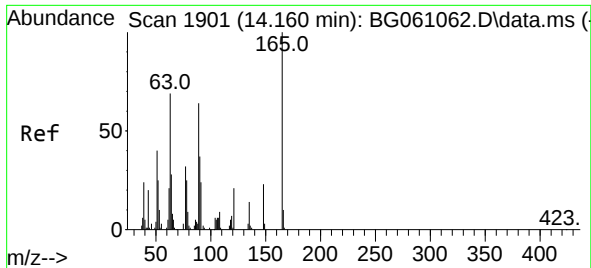
Tgt Ion:330 Resp: 8671
Ion Ratio Lower Upper
330 100
332 106.3 78.6 117.8
141 28.9 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 5.204 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061157.D
Acq: 9 May 2024 18:54

Tgt Ion:172 Resp: 27678
Ion Ratio Lower Upper
172 100
171 32.4 29.0 43.6
170 21.6 20.2 30.4

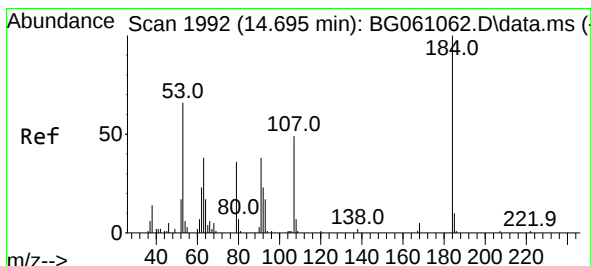
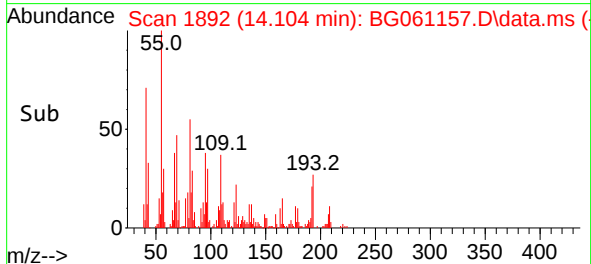
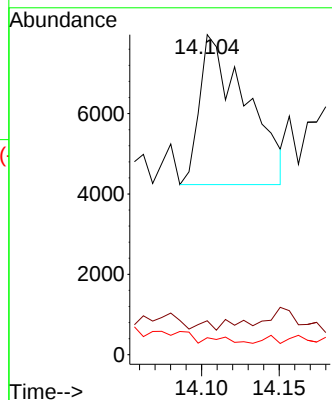
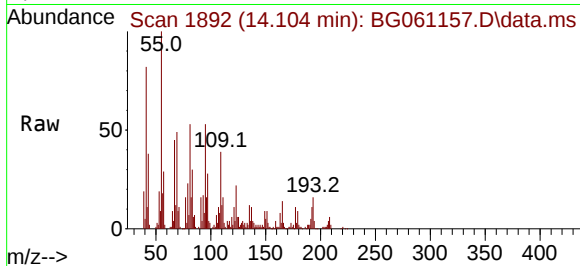




#51
2,6-Dinitrotoluene
Concen: 5.984 ng
RT: 14.104 min Scan# 11
Delta R.T. -0.056 min
Lab File: BG061157.D
Acq: 9 May 2024 18:54

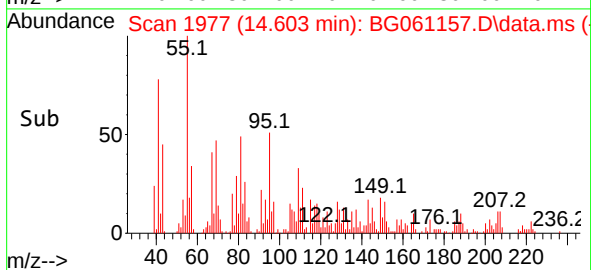
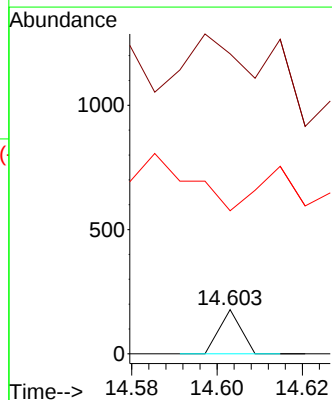
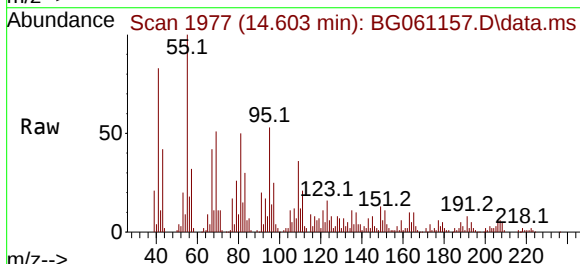
Instrument :
BNA_G
ClientSampleId :
PE-2

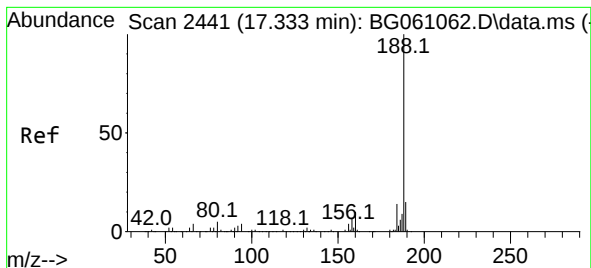
Tgt Ion:165 Resp: 7775
Ion Ratio Lower Upper
165 100
63 10.6 60.0 90.0#
89 5.3 50.9 76.3#



#54
2,4-Dinitrophenol
Concen: 2.274 ng
RT: 14.603 min Scan# 1977
Delta R.T. -0.092 min
Lab File: BG061157.D
Acq: 9 May 2024 18:54

Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 678.1 62.6 93.8#
154 323.6 61.4 92.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.329 min Scan# 2441

Delta R.T. -0.003 min

Lab File: BG061157.D

Acq: 9 May 2024 18:54

Instrument :

BNA_G

ClientSampleId :

PE-2

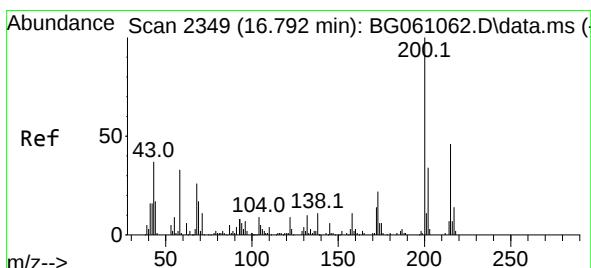
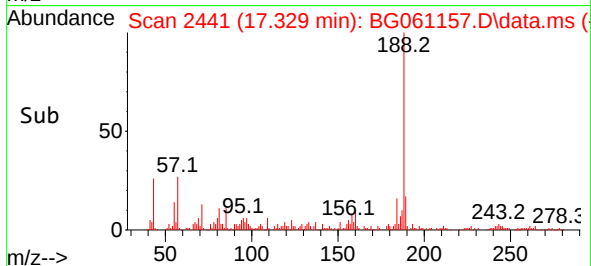
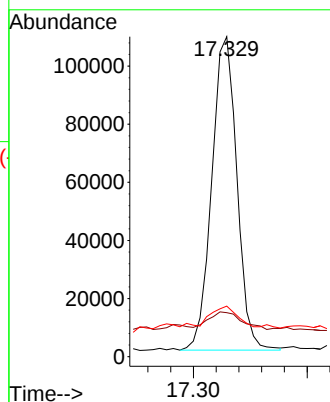
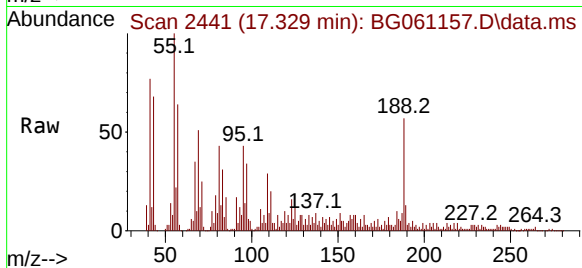
Tgt Ion:188 Resp: 165431

Ion Ratio Lower Upper

188 100

94 13.8 3.6 5.4#

80 15.8 4.2 6.2#



#69

Atrazine

Concen: 2.294 ng

RT: 16.789 min Scan# 2349

Delta R.T. -0.004 min

Lab File: BG061157.D

Acq: 9 May 2024 18:54

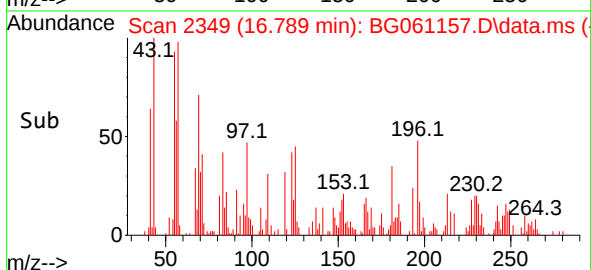
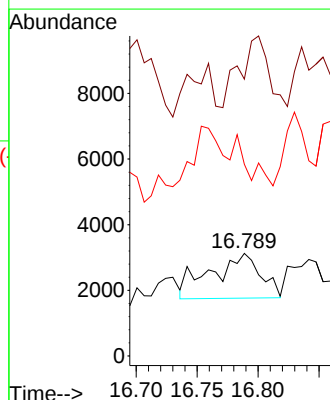
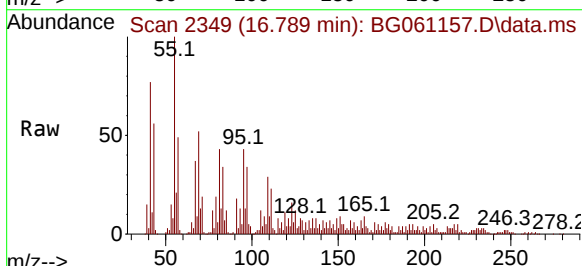
Tgt Ion:200 Resp: 3881

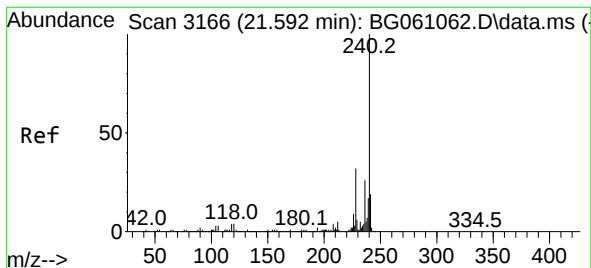
Ion Ratio Lower Upper

200 100

173 269.9 2.0 42.0#

215 186.8 26.2 66.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3165

Delta R.T. -0.009 min

Lab File: BG061157.D

Acq: 9 May 2024 18:54

Instrument :

BNA_G

ClientSampleId :

PE-2

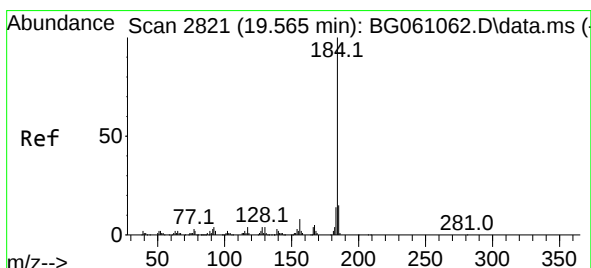
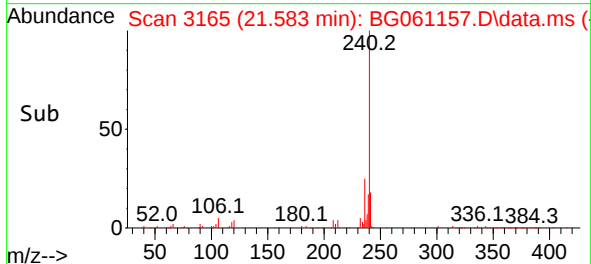
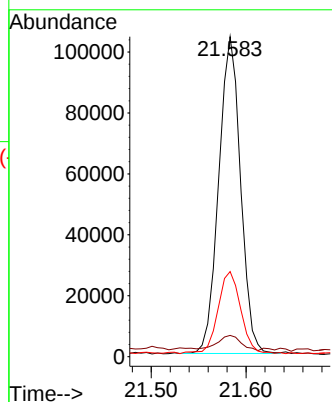
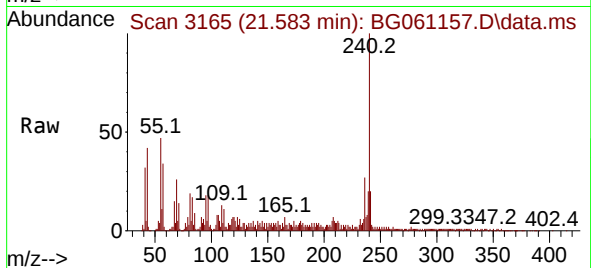
Tgt Ion:240 Resp: 166457

Ion Ratio Lower Upper

240 100

120 6.6 3.2 4.8#

236 26.6 21.0 31.6



#77

Benzidine

Concen: 2.982 ng

RT: 19.568 min Scan# 2822

Delta R.T. 0.003 min

Lab File: BG061157.D

Acq: 9 May 2024 18:54

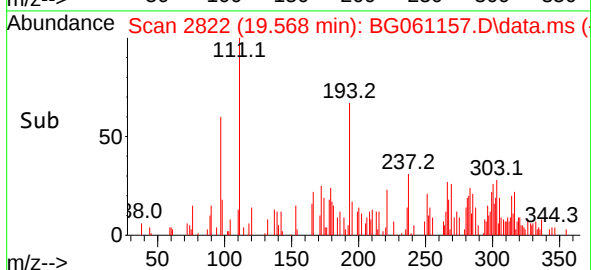
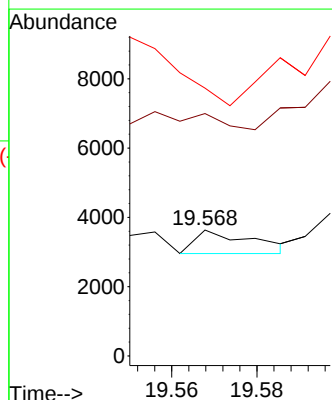
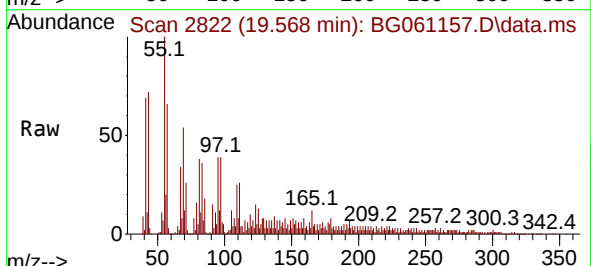
Tgt Ion:184 Resp: 629

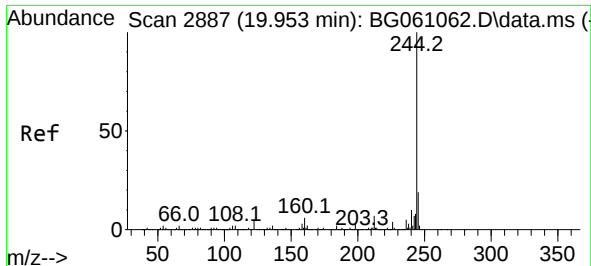
Ion Ratio Lower Upper

184 100

185 192.4 12.0 18.0#

183 212.7 10.9 16.3#

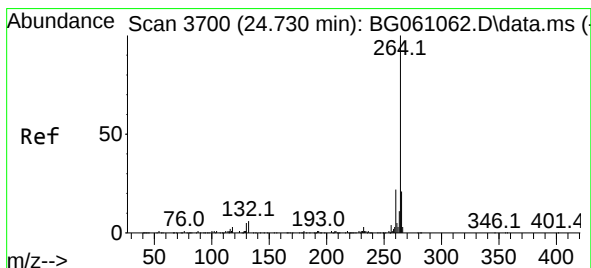
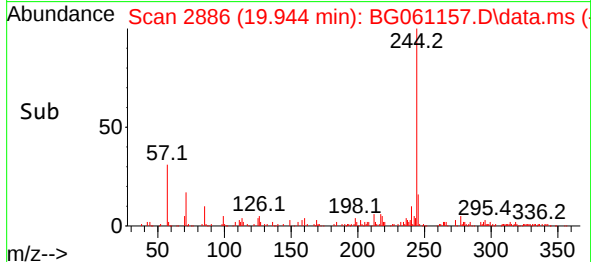
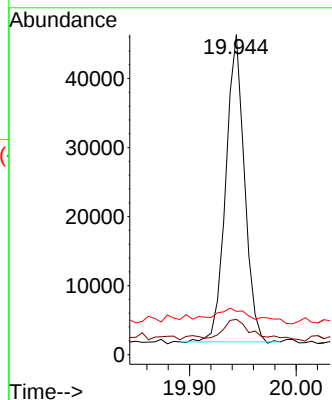
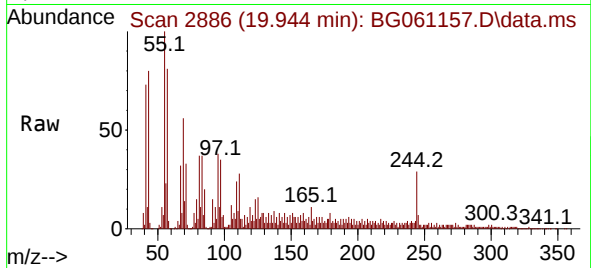




#79
 Terphenyl-d14
 Concen: 5.390 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG061157.D
 Acq: 9 May 2024 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PE-2

Tgt Ion:244 Resp: 53945
 Ion Ratio Lower Upper
 244 100
 212 11.1 5.7 8.5#
 122 13.5 4.2 6.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.703 min Scan# 3696
 Delta R.T. -0.027 min
 Lab File: BG061157.D
 Acq: 9 May 2024 18:54

Tgt Ion:264 Resp: 192286
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.7 26.5
 265 21.4 16.4 24.6

