

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
 Data File : BG061246.D
 Acq On : 17 May 2024 19:58
 Operator : MA/JU
 Sample : P2497-07 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280646

Quant Time: May 17 23:53:41 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)

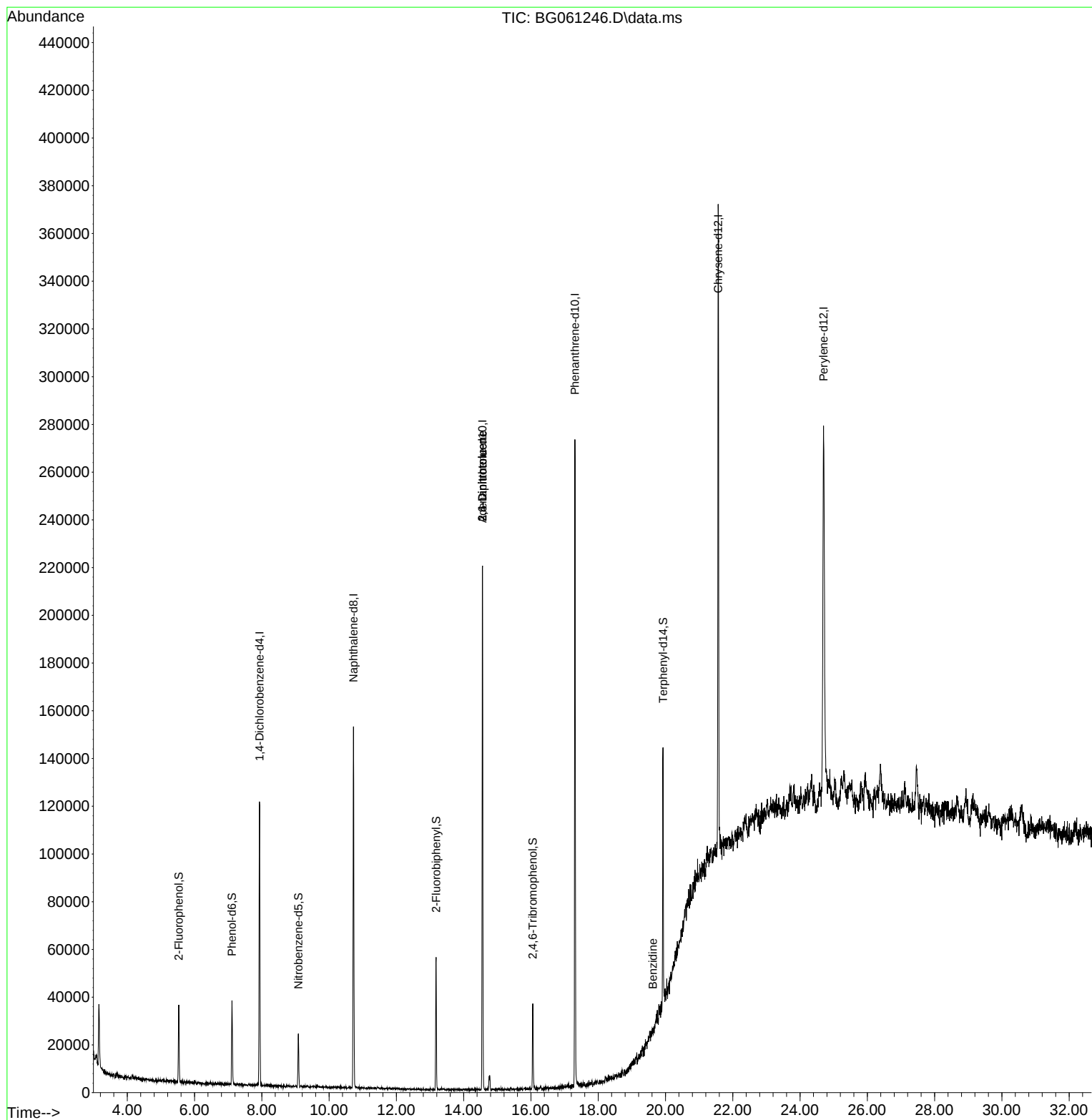
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	30330	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	115211	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	80617	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	182888	20.000	ng	#-0.03
76) Chrysene-d12	21.566	240	178508	20.000	ng	#-0.03
86) Perylene-d12	24.698	264	211428	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	12094	8.109	ng	-0.01
7) Phenol-d6	7.112	99	16584	7.517	ng	-0.02
23) Nitrobenzene-d5	9.087	82	12253	5.272	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	9228	5.727	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	31012	5.688	ng	-0.03
79) Terphenyl-d14	19.927	244	55884	5.207	ng	-0.03
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.563	165	11058	8.302	ng	# 17
57) 2,4-Dinitrotoluene	14.563	165	11058	5.612	ng	# 18
77) Benzidine	19.627	184	134	2.833	ng	# 1

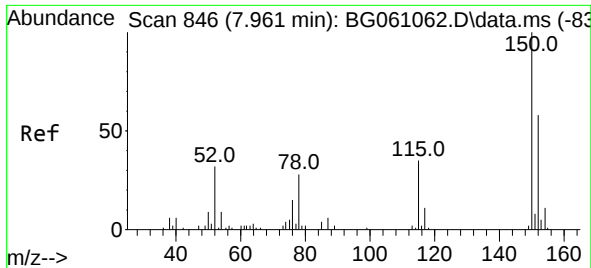
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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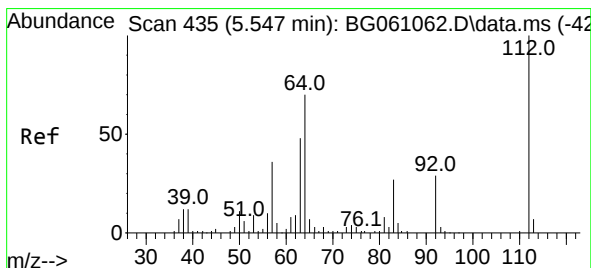
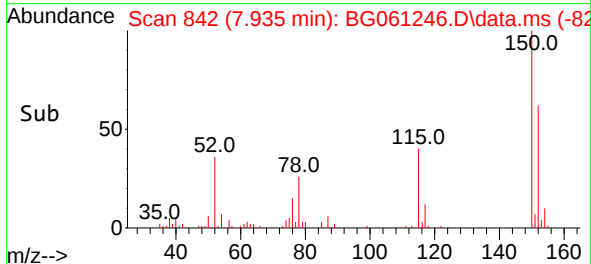
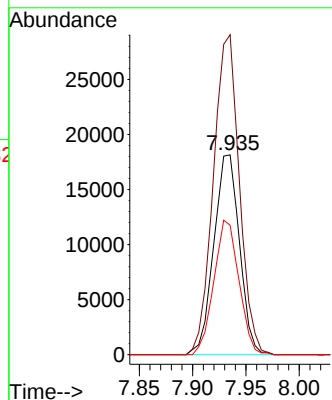
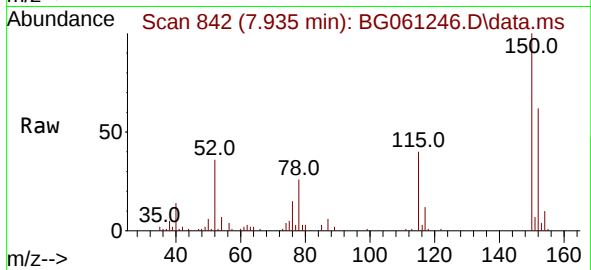




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 846
Delta R.T. -0.026 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

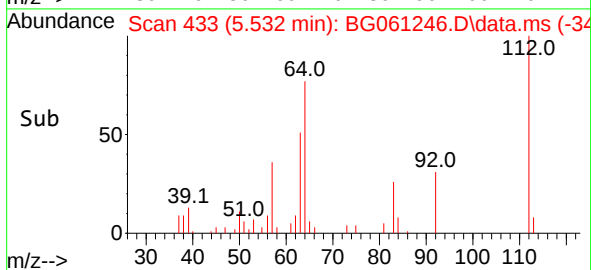
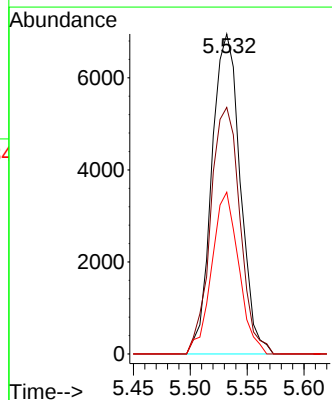
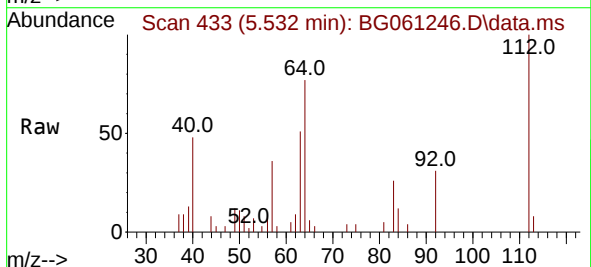
Instrument :
BNA_G
ClientSampleId :
280646

Tgt Ion:152 Resp: 30330
Ion Ratio Lower Upper
152 100
150 160.2 138.3 207.5
115 64.8 48.0 72.0



#5
2-Fluorophenol
Concen: 8.109 ng
RT: 5.532 min Scan# 433
Delta R.T. -0.015 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

Tgt Ion:112 Resp: 12094
Ion Ratio Lower Upper
112 100
64 77.0 55.7 83.5
63 50.6 38.1 57.1

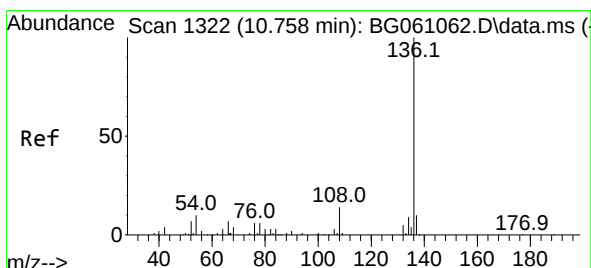
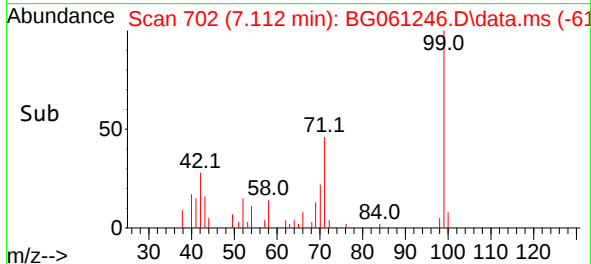
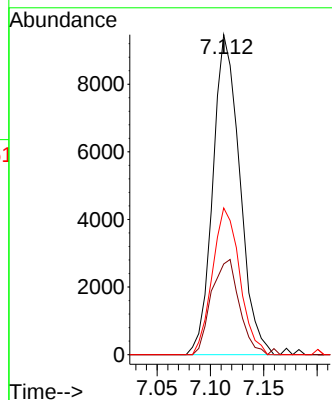
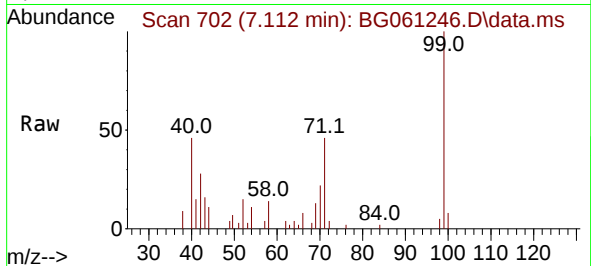




#7
Phenol-d6
Concen: 7.517 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

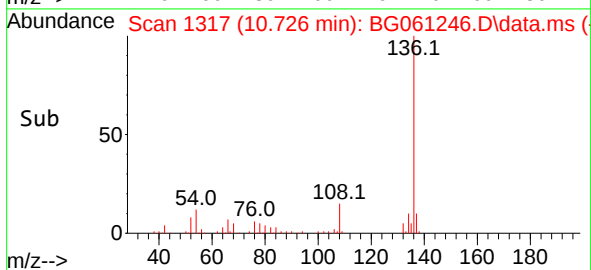
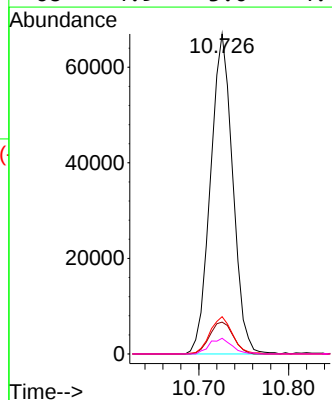
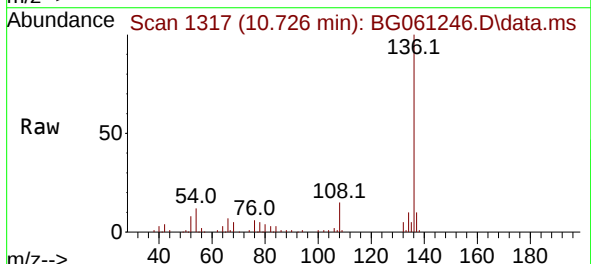
Instrument :
BNA_G
ClientSampleId :
280646

Tgt Ion: 99 Resp: 16584
Ion Ratio Lower Upper
99 100
42 28.4 29.2 43.8#
71 45.9 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

Tgt Ion: 136 Resp: 115211
Ion Ratio Lower Upper
136 100
137 10.0 7.8 11.6
54 11.6 8.1 12.1
68 4.9 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 5.272 ng

RT: 9.087 min Scan# 1043

Delta R.T. -0.032 min

Lab File: BG061246.D

Acq: 17 May 2024 19:58

Instrument :

BNA_G

ClientSampleId :

280646

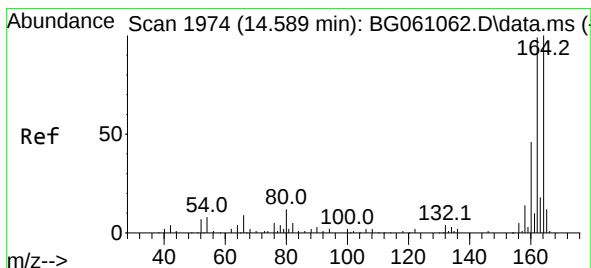
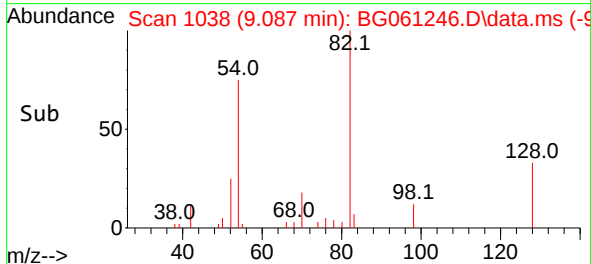
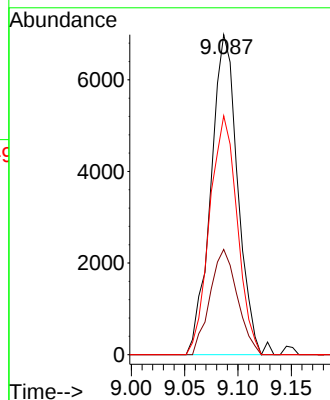
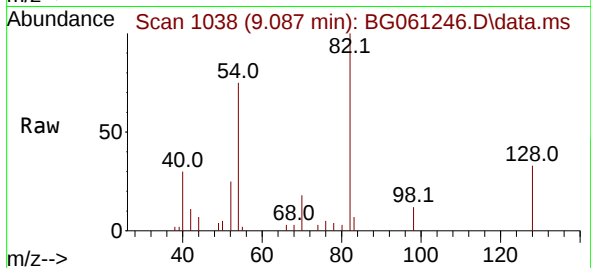
Tgt Ion: 82 Resp: 12253

Ion Ratio Lower Upper

82 100

128 32.9 32.7 49.1

54 74.7 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

Delta R.T. -0.032 min

Lab File: BG061246.D

Acq: 17 May 2024 19:58

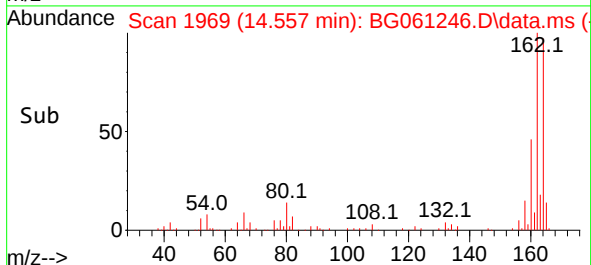
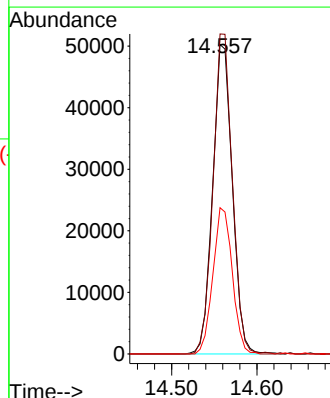
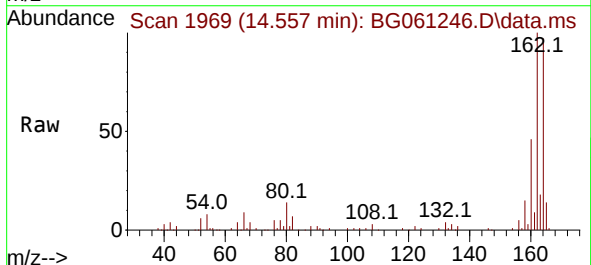
Tgt Ion:164 Resp: 80617

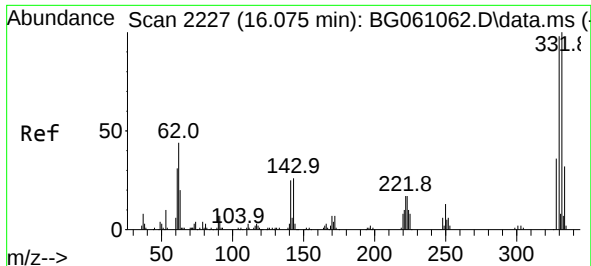
Ion Ratio Lower Upper

164 100

162 103.4 79.4 119.2

160 47.3 37.0 55.6

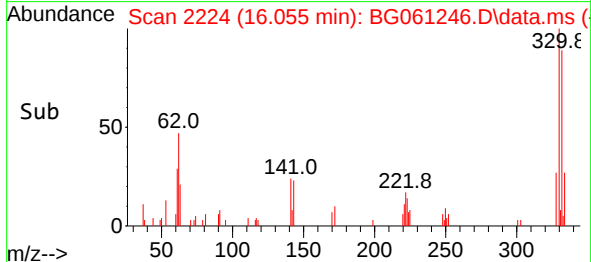
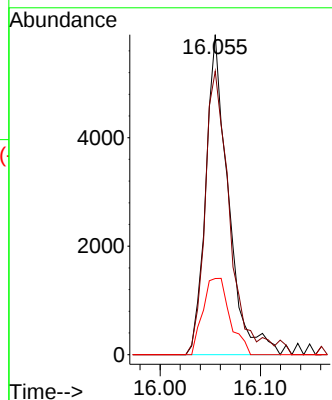
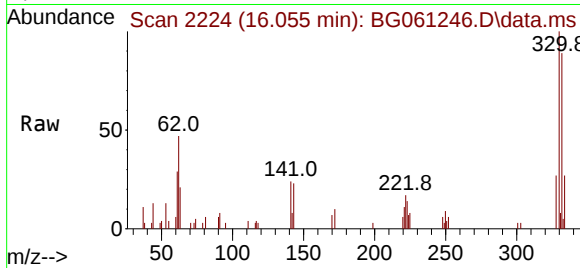




#42
2,4,6-Tribromophenol
Concen: 5.727 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

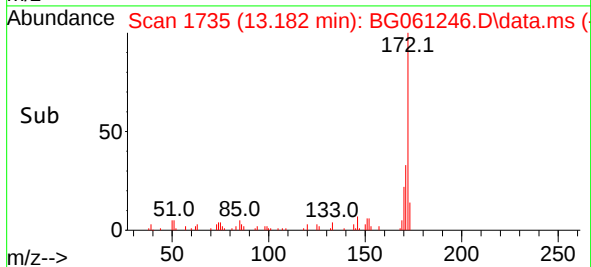
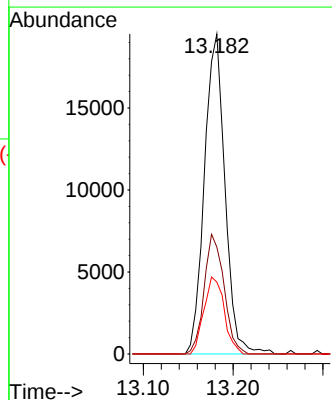
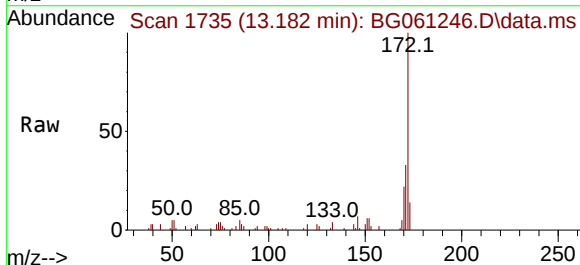
Instrument :
BNA_G
ClientSampleId :
280646

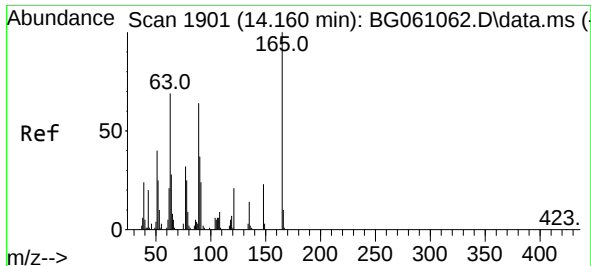
Tgt Ion:330 Resp: 9228
Ion Ratio Lower Upper
330 100
332 97.7 78.6 117.8
141 28.4 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 5.688 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

Tgt Ion:172 Resp: 31012
Ion Ratio Lower Upper
172 100
171 33.4 29.0 43.6
170 22.4 20.2 30.4

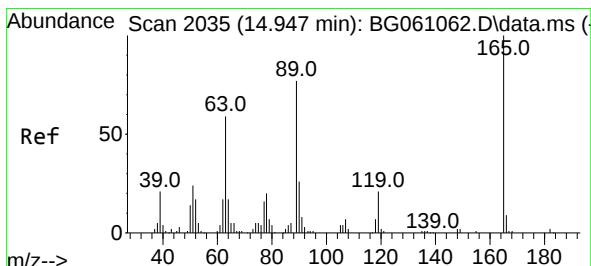
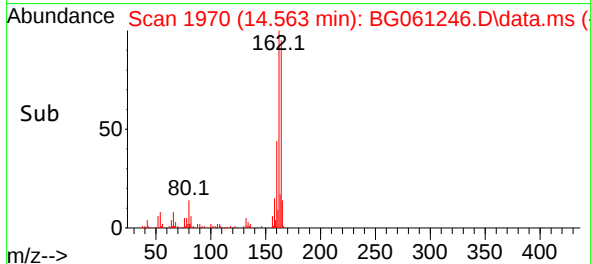
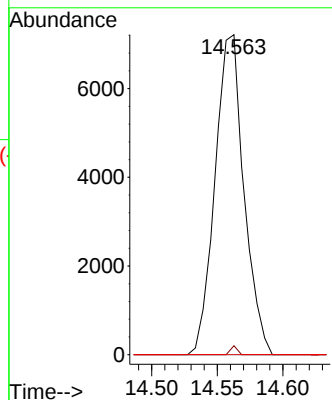
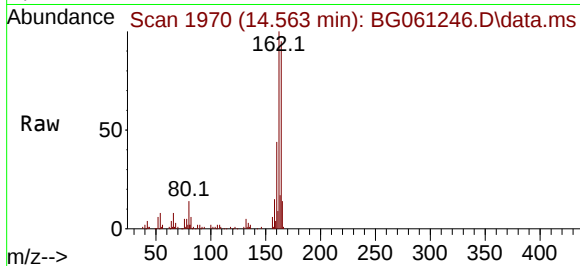




#51
2,6-Dinitrotoluene
Concen: 8.302 ng
RT: 14.563 min Scan# 1901
Delta R.T. 0.403 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

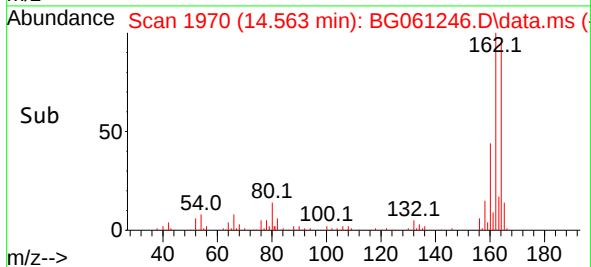
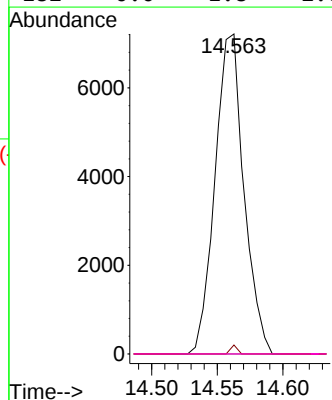
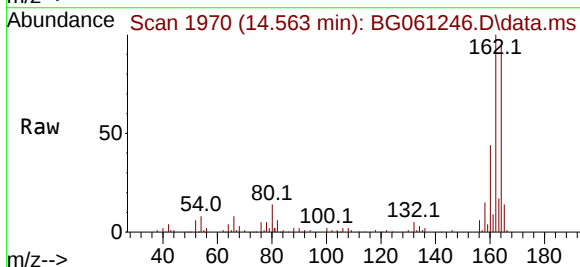
Instrument :
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ClientSampleId :
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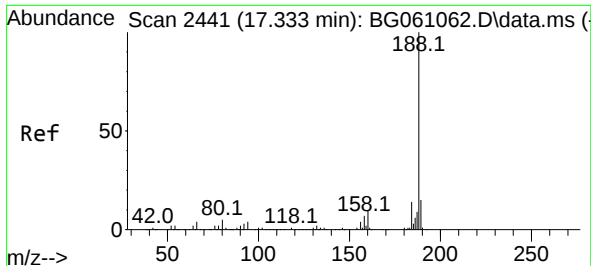
Tgt Ion:165 Resp: 11058
Ion Ratio Lower Upper
165 100
63 2.8 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.612 ng
RT: 14.563 min Scan# 1970
Delta R.T. -0.385 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

Tgt Ion:165 Resp: 11058
Ion Ratio Lower Upper
165 100
63 2.8 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#

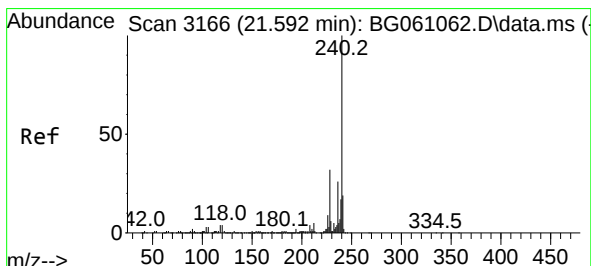
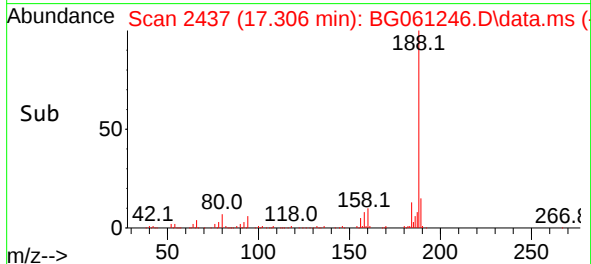
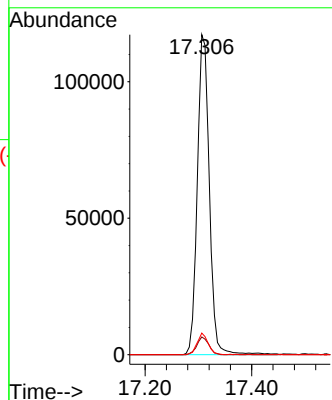
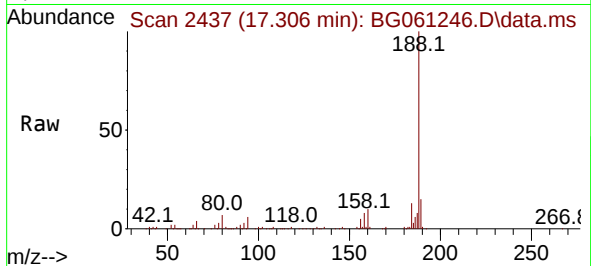




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

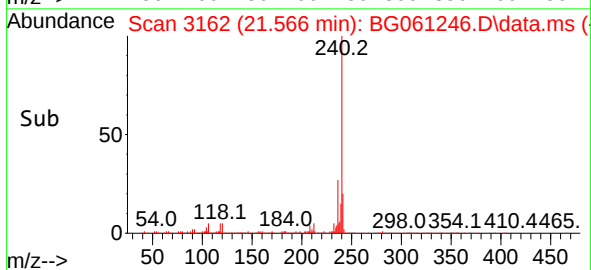
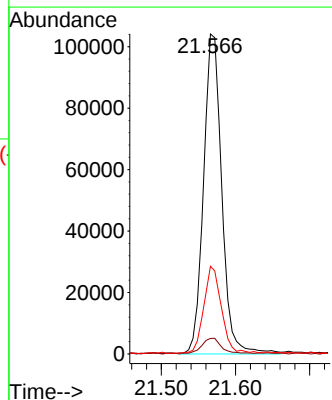
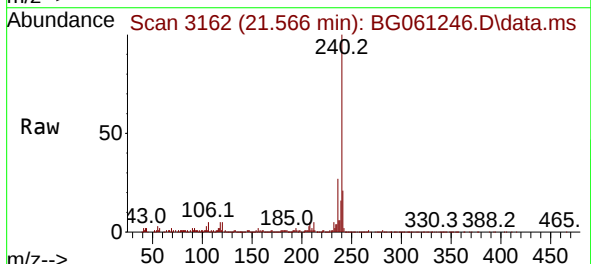
Instrument :
BNA_G
ClientSampleId :
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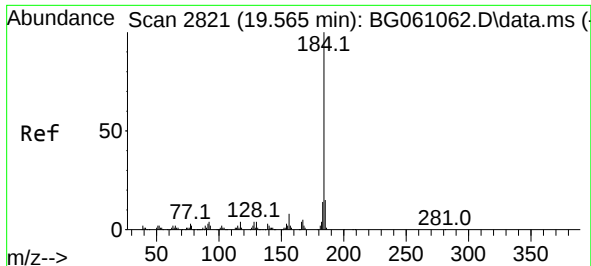
Tgt Ion:188 Resp: 182888
Ion Ratio Lower Upper
188 100
94 5.5 3.6 5.4#
80 6.8 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

Tgt Ion:240 Resp: 178508
Ion Ratio Lower Upper
240 100
120 4.8 3.2 4.8#
236 27.4 21.0 31.6

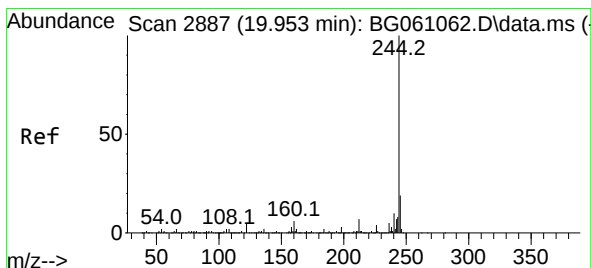
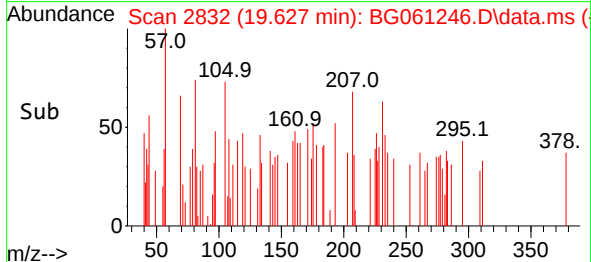
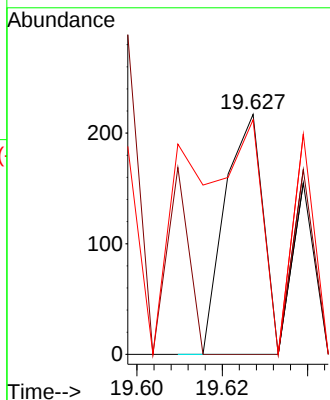
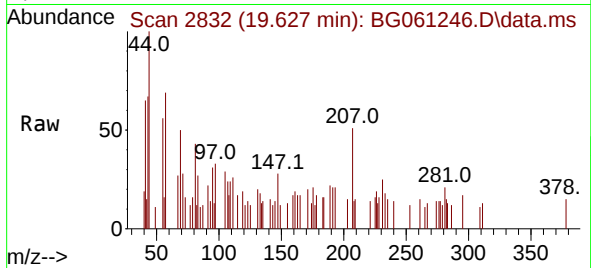




#77
Benzidine
Concen: 2.833 ng
RT: 19.627 min Scan# 21
Delta R.T. 0.062 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

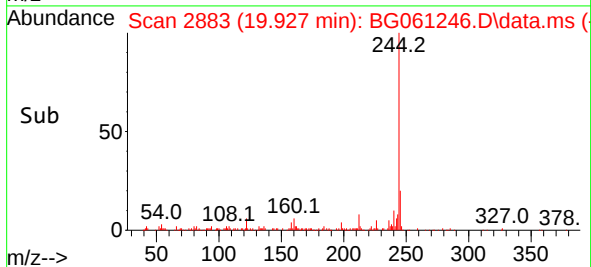
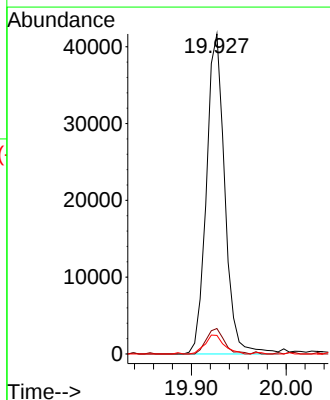
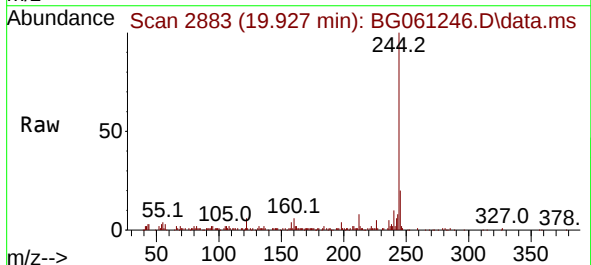
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BNA_G
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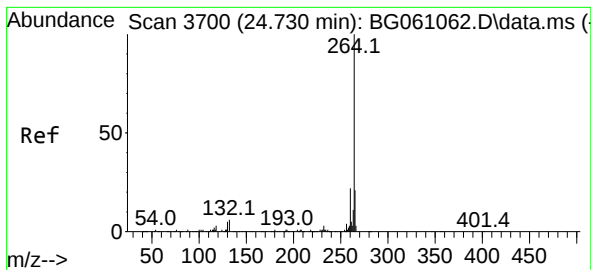
Tgt Ion:184 Resp: 134
Ion Ratio Lower Upper
184 100
185 0.0 12.0 18.0#
183 97.7 10.9 16.3#



#79
Terphenyl-d14
Concen: 5.207 ng
RT: 19.927 min Scan# 2883
Delta R.T. -0.026 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

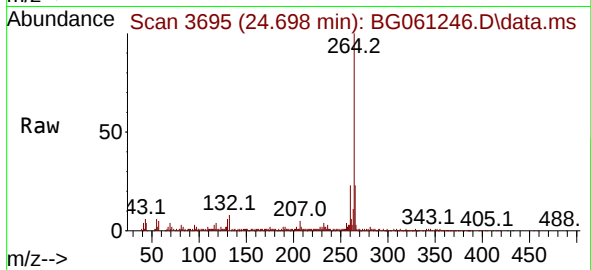
Tgt Ion:244 Resp: 55884
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 5.8 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 30
Delta R.T. -0.032 min
Lab File: BG061246.D
Acq: 17 May 2024 19:58

Instrument :
BNA_G
ClientSampleId :
280646



Tgt Ion:264 Resp: 211428

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.7	26.5
265	22.8	16.4	24.6

