

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
 Data File : BG061244.D
 Acq On : 17 May 2024 18:36
 Operator : MA/JU
 Sample : P2498-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-051524

Quant Time: May 17 23:53:02 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)

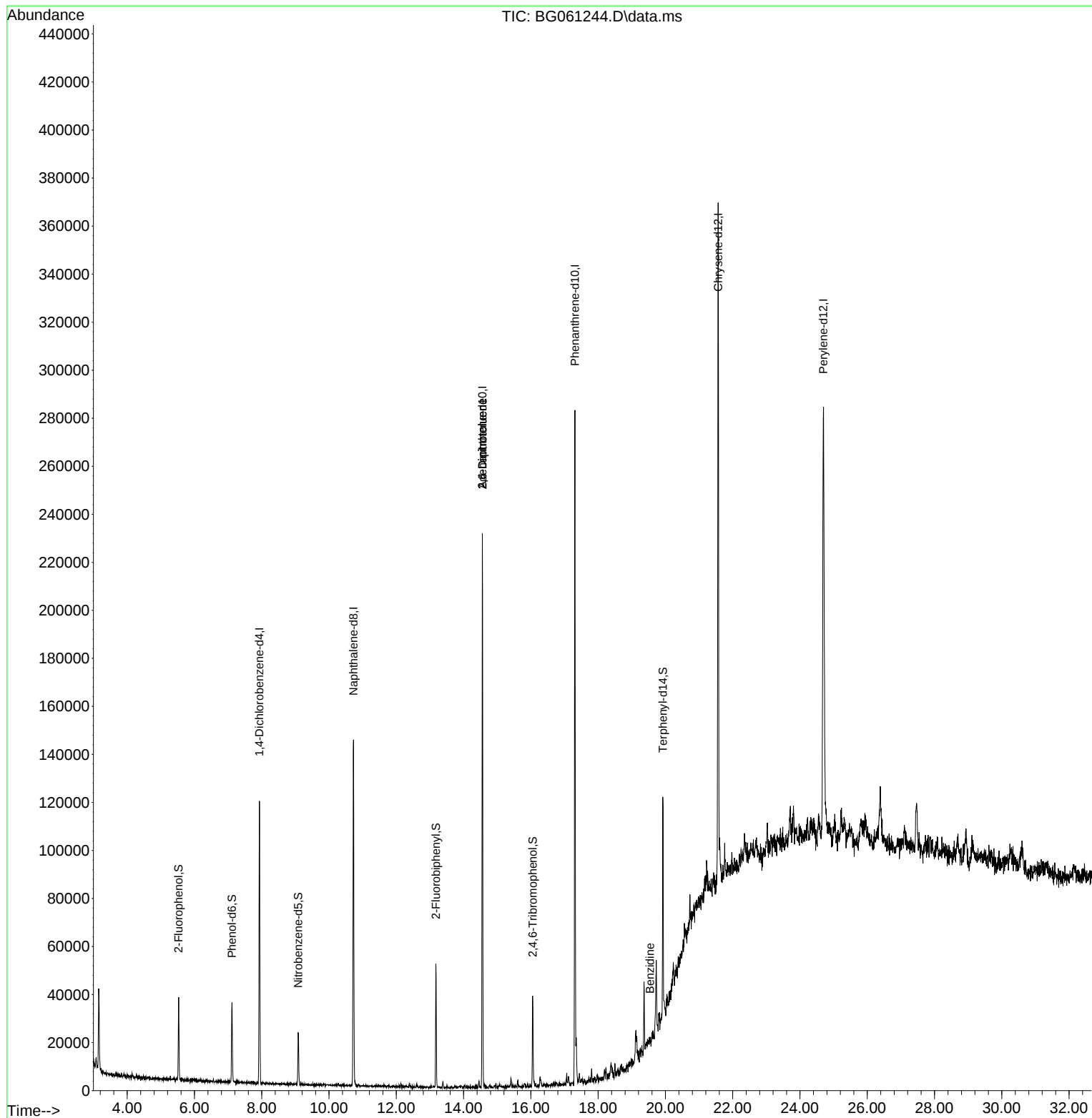
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	29425	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	113082	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	81124	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	182192	20.000	ng	#-0.03
76) Chrysene-d12	21.567	240	180203	20.000	ng	#-0.03
86) Perylene-d12	24.692	264	223669	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	12772	8.827	ng	-0.02
7) Phenol-d6	7.113	99	15943	7.449	ng	-0.02
23) Nitrobenzene-d5	9.081	82	12595	5.521	ng	-0.04
42) 2,4,6-Tribromophenol	16.055	330	10117	6.239	ng	-0.02
45) 2-Fluorobiphenyl	13.176	172	28499	5.195	ng	-0.03
79) Terphenyl-d14	19.921	244	45901	4.236	ng	-0.03
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.557	165	10659	7.953	ng	# 15
57) 2,4-Dinitrotoluene	14.557	165	10659	5.375	ng	# 17
77) Benzidine	19.539	184	66	2.814	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061244.D
Acq On : 17 May 2024 18:36
Operator : MA/JU
Sample : P2498-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-051524

Quant Time: May 17 23:53:02 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

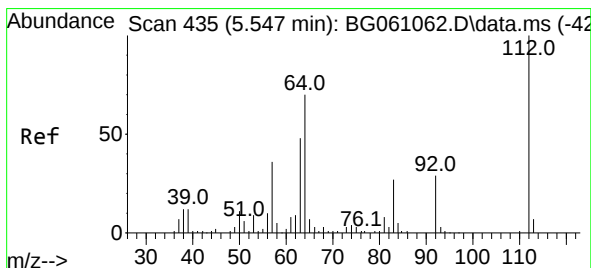
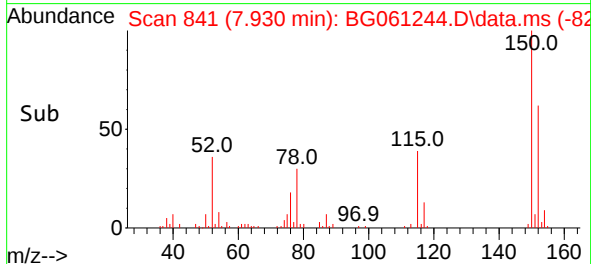
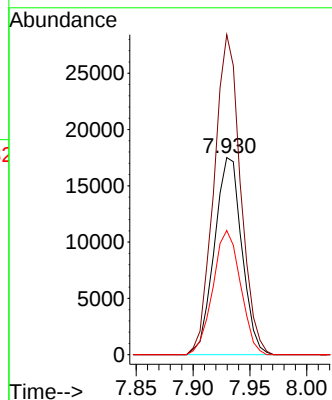
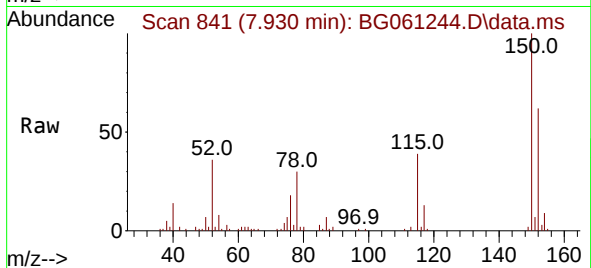




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 846
Delta R.T. -0.031 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

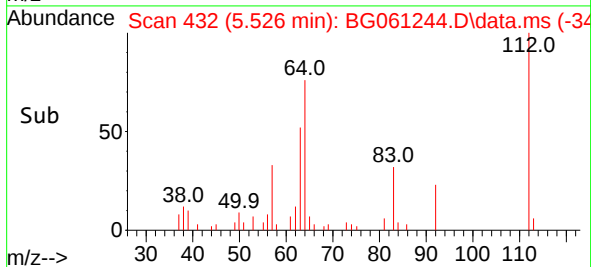
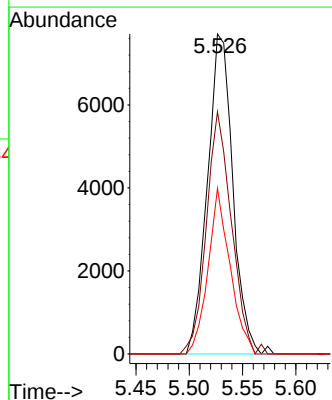
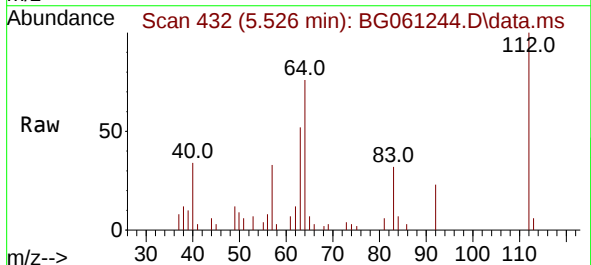
Instrument :
BNA_G
ClientSampleId :
OK-01-051524

Tgt Ion:152 Resp: 29425
Ion Ratio Lower Upper
152 100
150 162.3 138.3 207.5
115 63.0 48.0 72.0



#5
2-Fluorophenol
Concen: 8.827 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

Tgt Ion:112 Resp: 12772
Ion Ratio Lower Upper
112 100
64 75.7 55.7 83.5
63 51.8 38.1 57.1

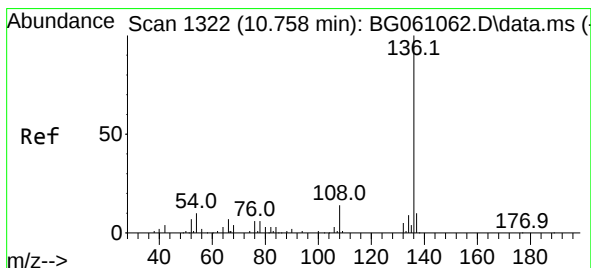
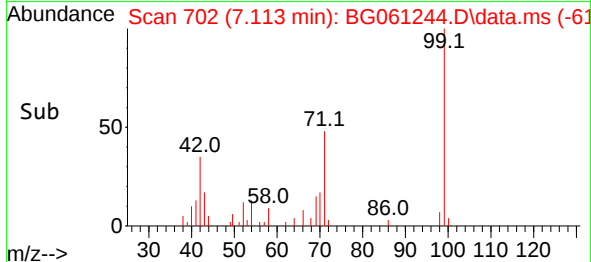
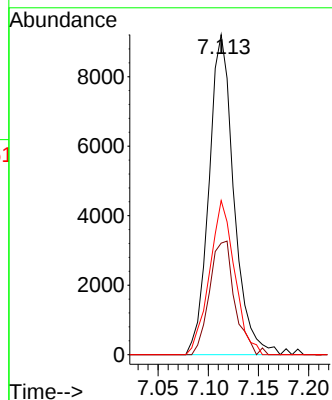
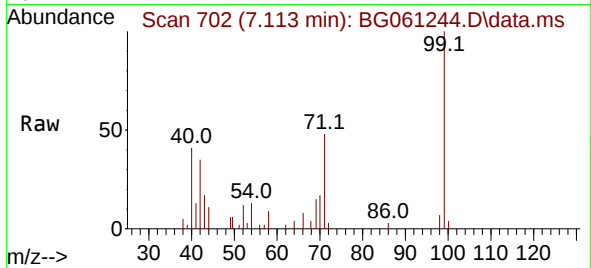




#7
Phenol-d6
Concen: 7.449 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

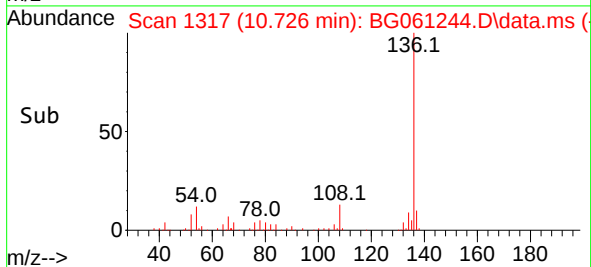
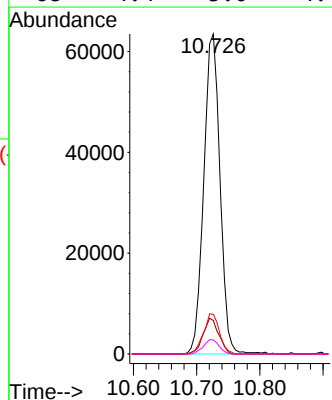
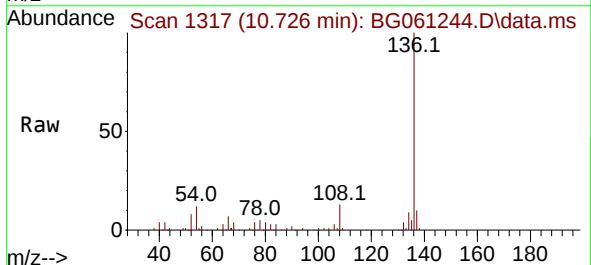
Instrument :
BNA_G
ClientSampleId :
OK-01-051524

Tgt Ion: 99	Resp: 15943
Ion Ratio	Lower Upper
99 100	
42 34.8	29.2 43.8
71 48.1	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: BG061244.D
Acq: 17 May 2024 18:36

Tgt Ion: 136	Resp: 113082
Ion Ratio	Lower Upper
136 100	
137 10.4	7.8 11.6
54 12.4	8.1 12.1#
68 4.4	3.0 4.4





#23

Nitrobenzene-d5

Concen: 5.521 ng

RT: 9.081 min Scan# 1043

Delta R.T. -0.038 min

Lab File: BG061244.D

Acq: 17 May 2024 18:36

Instrument :

BNA_G

ClientSampleId :

OK-01-051524

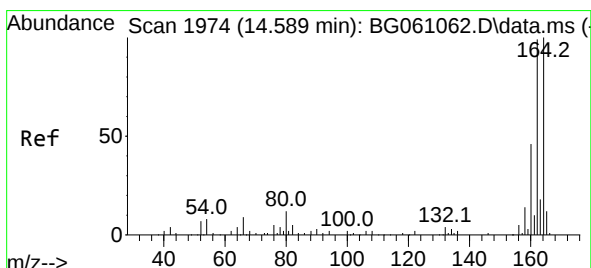
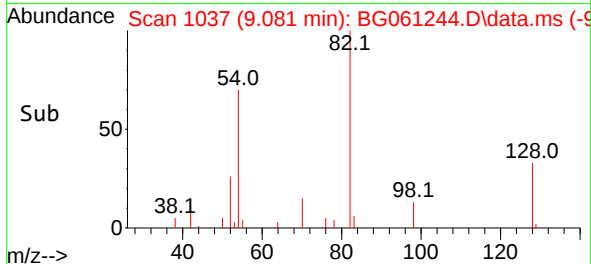
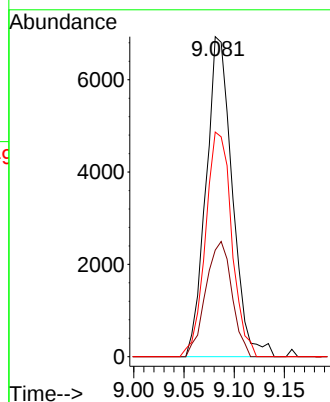
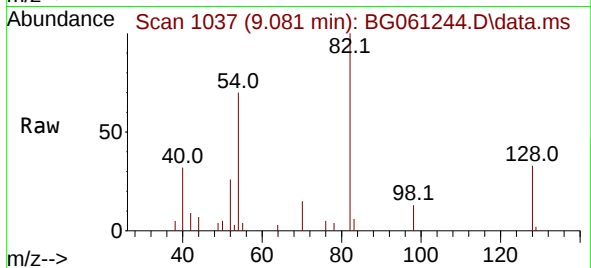
Tgt Ion: 82 Resp: 12595

Ion Ratio Lower Upper

82 100

128 33.3 32.7 49.1

54 70.2 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: BG061244.D

Acq: 17 May 2024 18:36

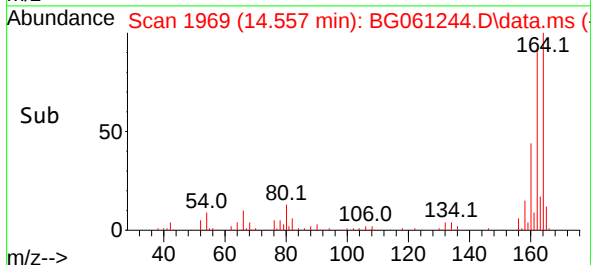
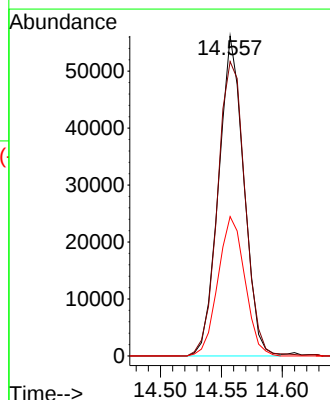
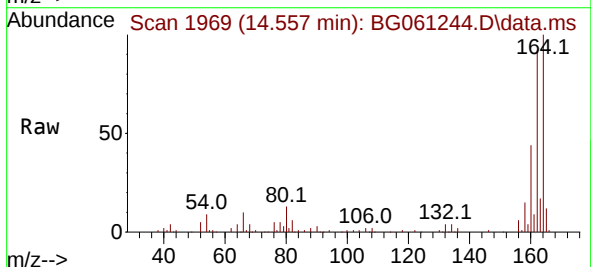
Tgt Ion:164 Resp: 81124

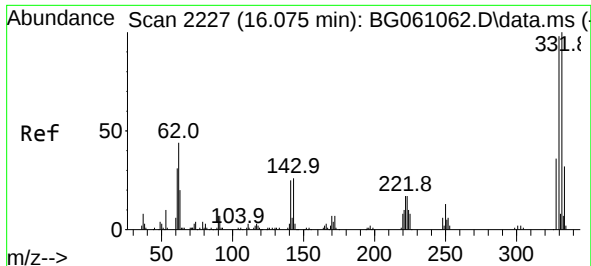
Ion Ratio Lower Upper

164 100

162 92.0 79.4 119.2

160 43.6 37.0 55.6

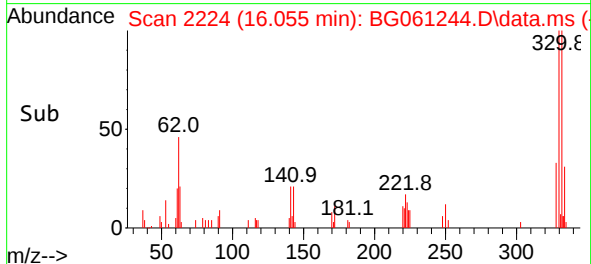
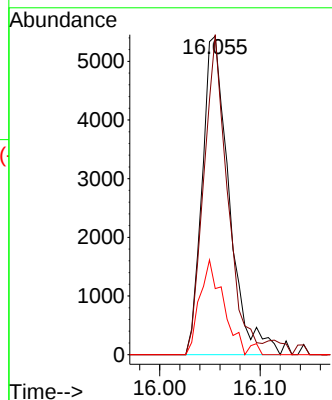
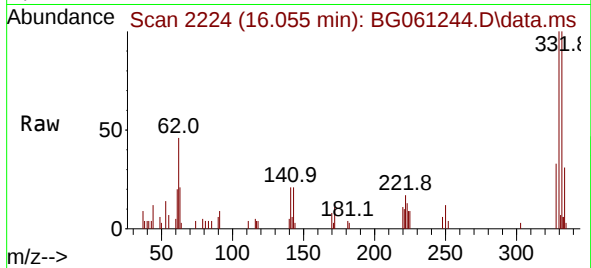




#42
2,4,6-Tribromophenol
Concen: 6.239 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

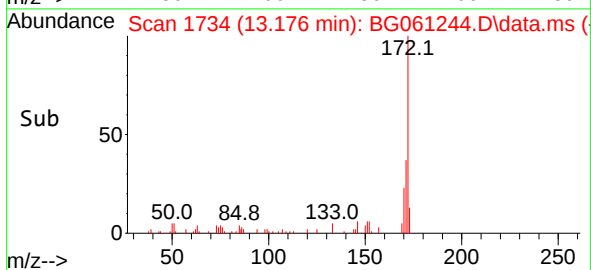
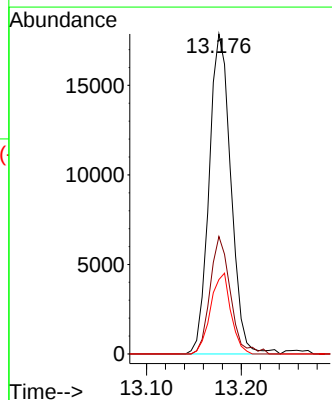
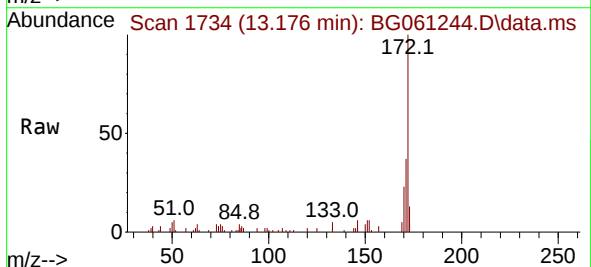
Instrument :
BNA_G
ClientSampleId :
OK-01-051524

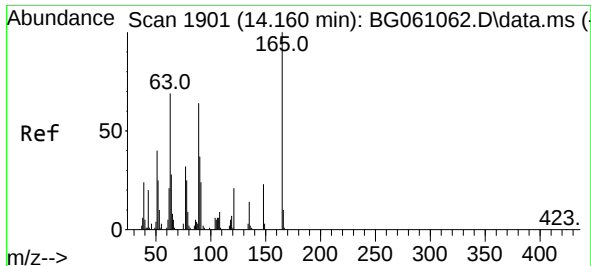
Tgt Ion:330 Resp: 10117
Ion Ratio Lower Upper
330 100
332 89.1 78.6 117.8
141 27.3 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 5.195 ng
RT: 13.176 min Scan# 1734
Delta R.T. -0.032 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

Tgt Ion:172 Resp: 28499
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 23.3 20.2 30.4

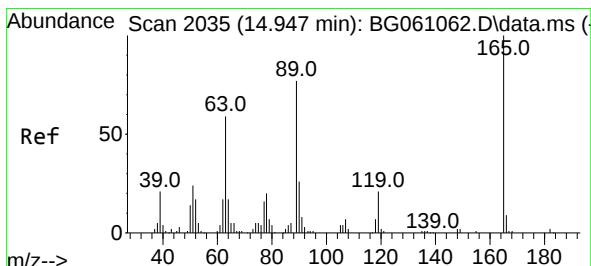
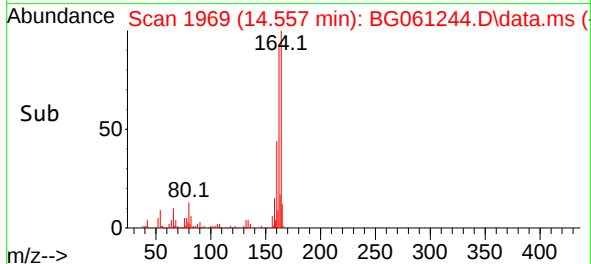
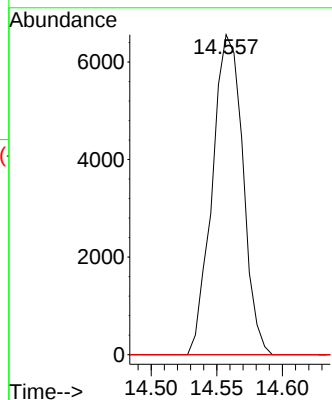
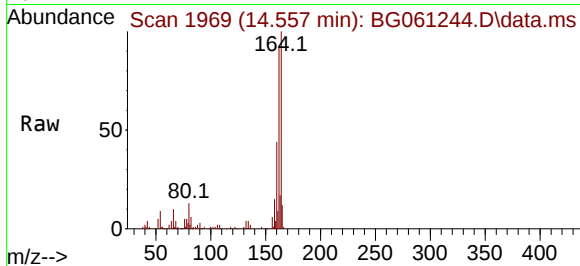




#51
2,6-Dinitrotoluene
Concen: 7.953 ng
RT: 14.557 min Scan# 1901
Delta R.T. 0.397 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

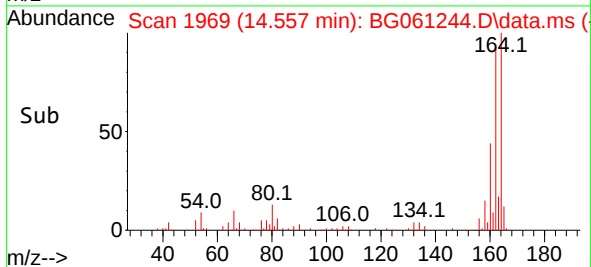
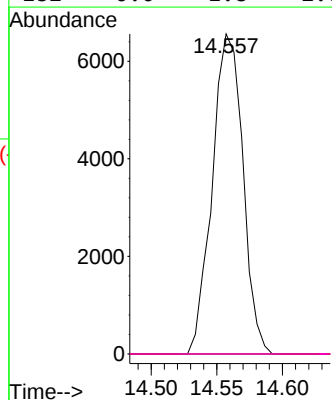
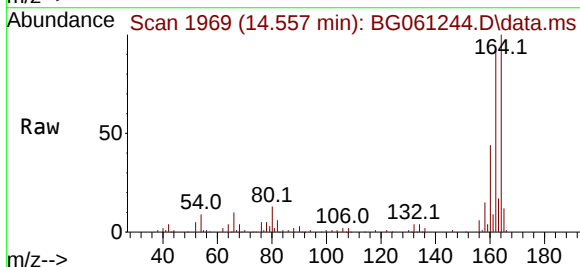
Instrument :
BNA_G
ClientSampleId :
OK-01-051524

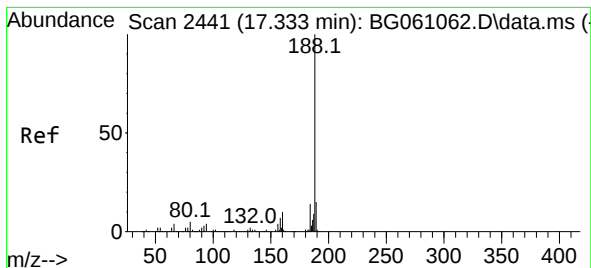
Tgt Ion:165 Resp: 10659
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.375 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.390 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

Tgt Ion:165 Resp: 10659
Ion Ratio Lower Upper
165 100
63 0.0 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: 17.307 min Scan# 2441

Delta R.T. -0.026 min

Lab File: BG061244.D

Acq: 17 May 2024 18:36

Instrument :

BNA_G

ClientSampleId :

OK-01-051524

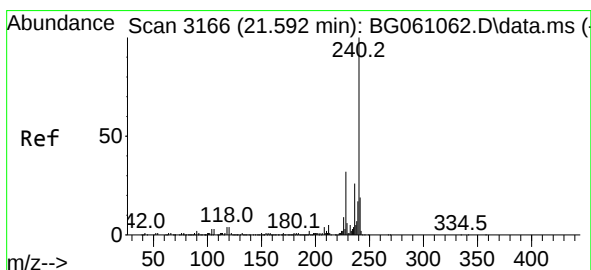
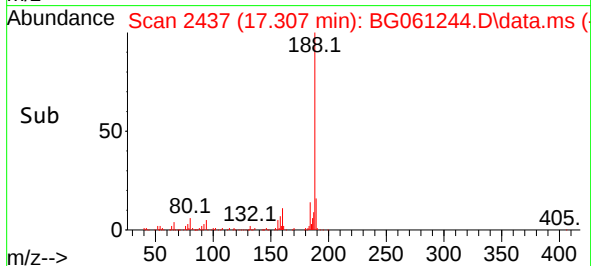
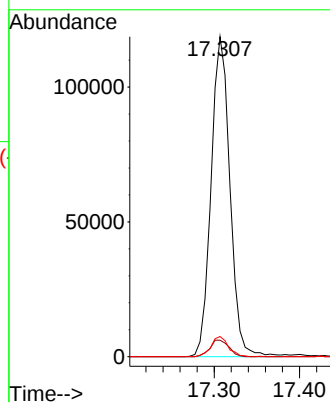
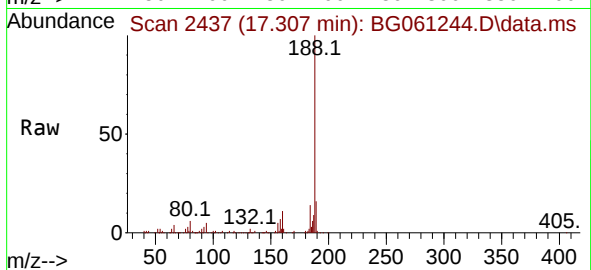
Tgt Ion:188 Resp: 182192

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

80 6.3 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.567 min Scan# 3162

Delta R.T. -0.026 min

Lab File: BG061244.D

Acq: 17 May 2024 18:36

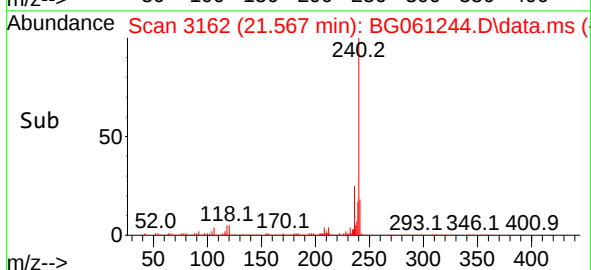
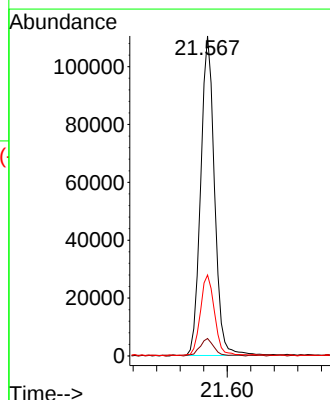
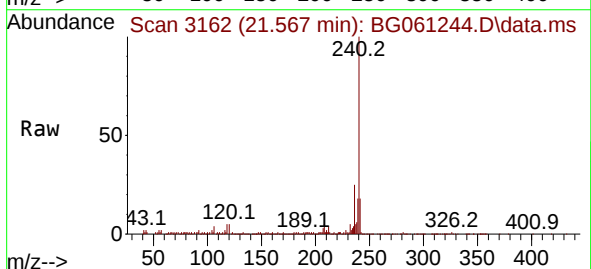
Tgt Ion:240 Resp: 180203

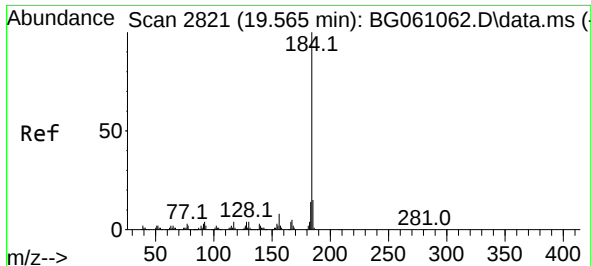
Ion Ratio Lower Upper

240 100

120 5.4 3.2 4.8#

236 25.3 21.0 31.6

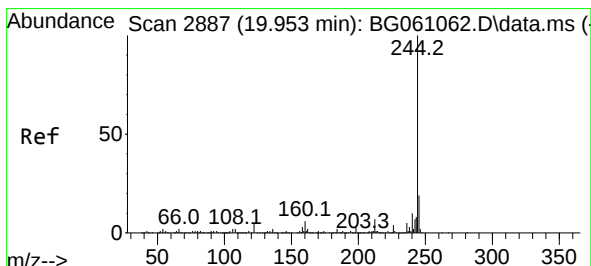
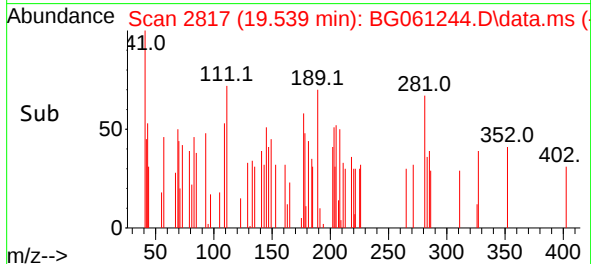
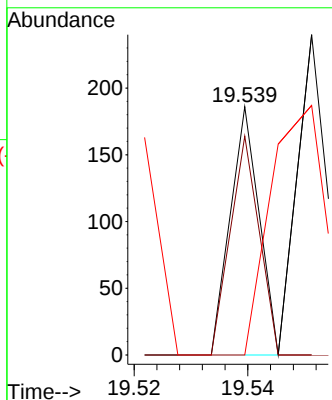
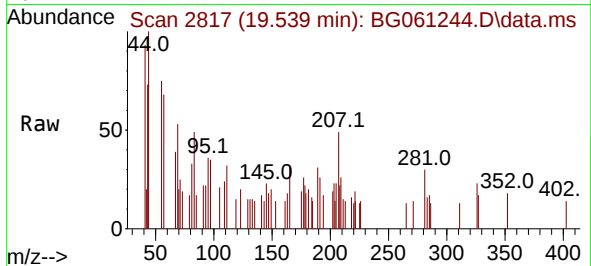




#77
Benzidine
Concen: 2.814 ng
RT: 19.539 min Scan# 2817
Delta R.T. -0.026 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

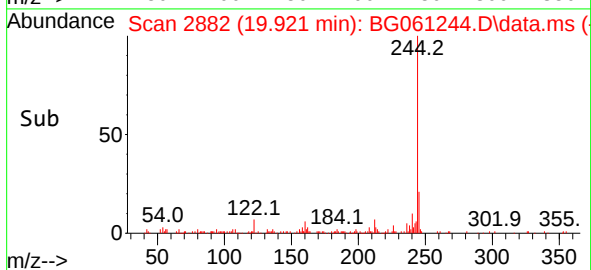
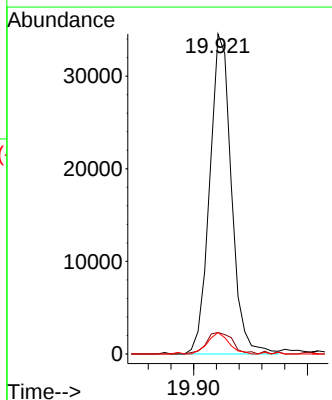
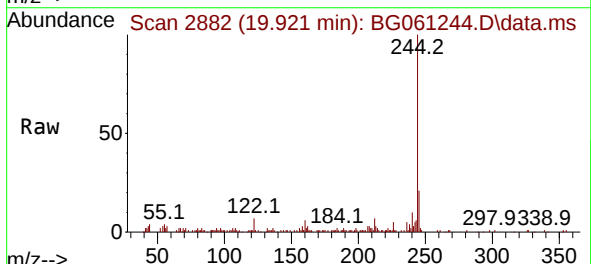
Instrument :
BNA_G
ClientSampleId :
OK-01-051524

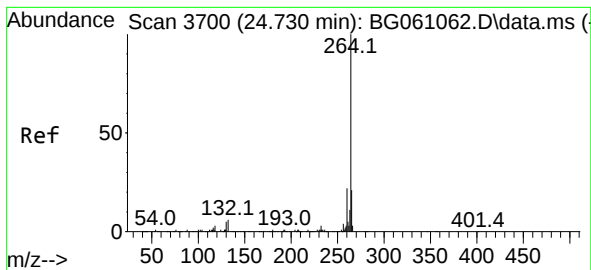
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
185 88.2 12.0 18.0#
183 0.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 4.236 ng
RT: 19.921 min Scan# 2882
Delta R.T. -0.032 min
Lab File: BG061244.D
Acq: 17 May 2024 18:36

Tgt Ion:244 Resp: 45901
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 6.7 4.2 6.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.692 min Scan# 30

Delta R.T. -0.038 min

Lab File: BG061244.D

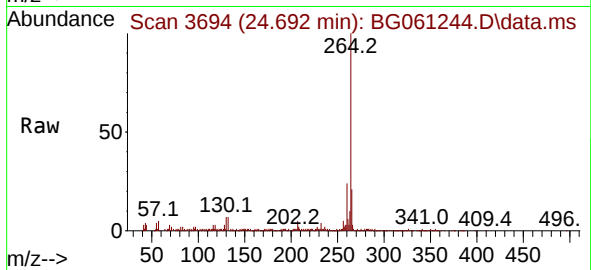
Acq: 17 May 2024 18:36

Instrument :

BNA_G

ClientSampleId :

OK-01-051524



Tgt Ion:264 Resp: 223669

Ion Ratio Lower Upper

264 100

260 23.5 17.7 26.5

265 21.4 16.4 24.6

