

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
 Data File : BG061243.D
 Acq On : 17 May 2024 17:55
 Operator : MA/JU
 Sample : P2497-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280856

Quant Time: May 17 23:52:42 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	7.929	152	30693	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	116410	20.000	ng	#-0.03
39) Acenaphthene-d10	14.556	164	83846	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	181472	20.000	ng	#-0.03
76) Chrysene-d12	21.566	240	184867	20.000	ng	-0.03
86) Perylene-d12	24.692	264	224177	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	13249	8.779	ng	-0.02
7) Phenol-d6	7.112	99	16956	7.595	ng	-0.02
23) Nitrobenzene-d5	9.086	82	13198	5.620	ng	-0.03
42) 2,4,6-Tribromophenol	16.049	330	9741	5.812	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	32401	5.714	ng	-0.03
79) Terphenyl-d14	19.927	244	56794	5.109	ng	-0.03

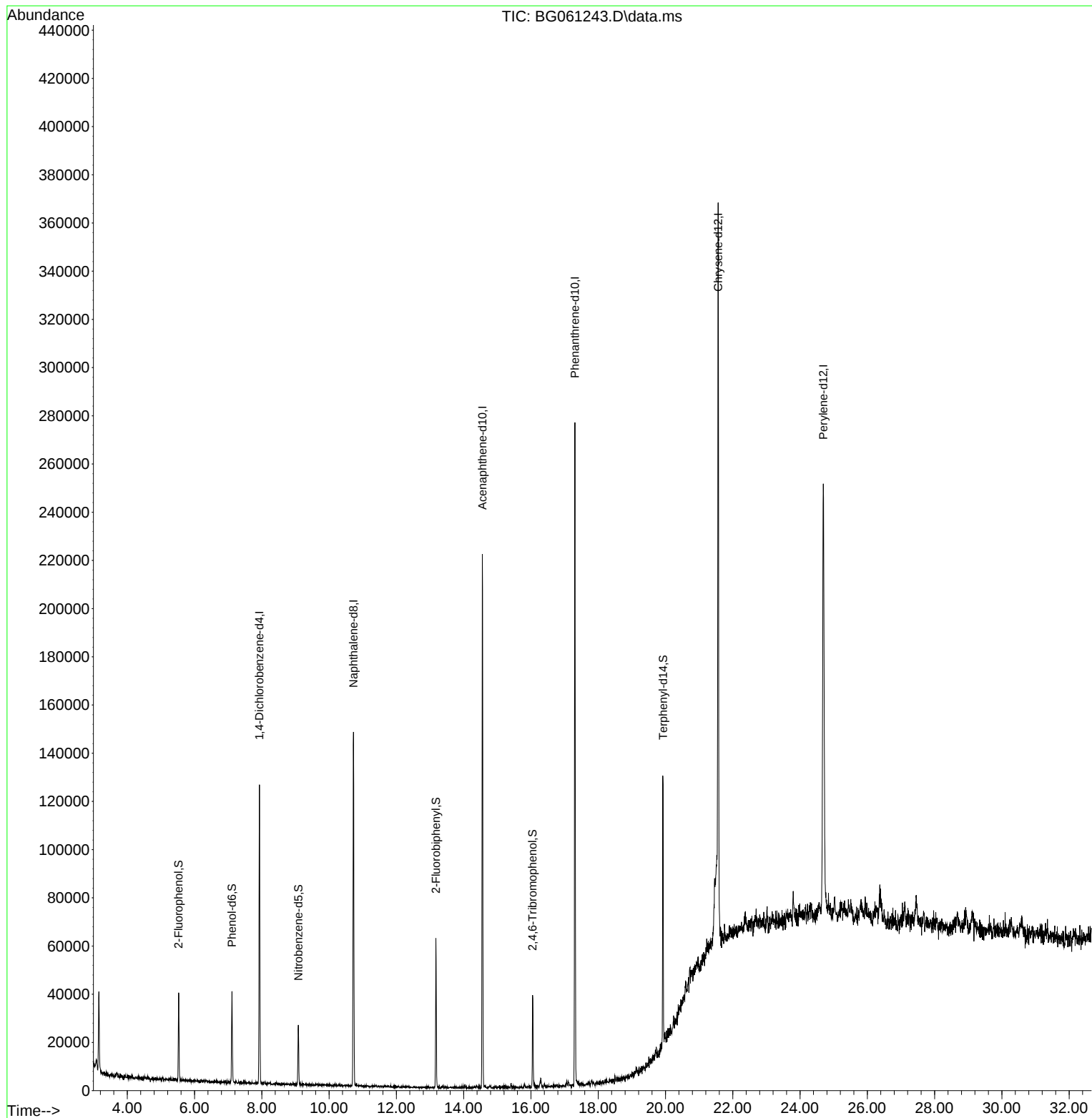
Target Compounds	Qvalue

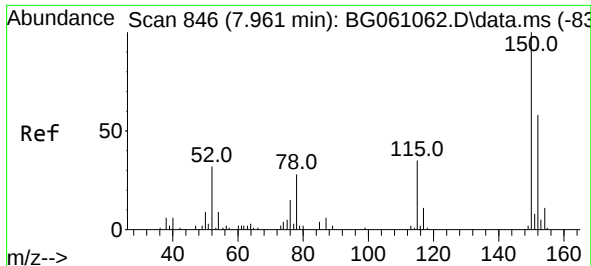
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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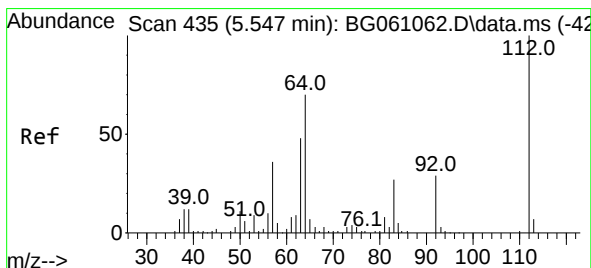
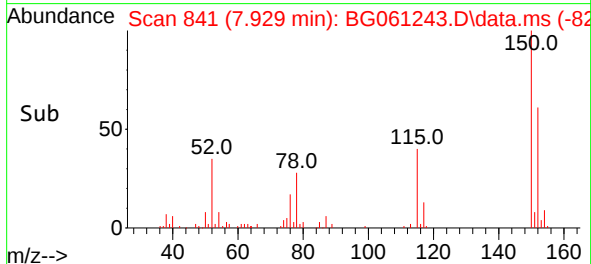
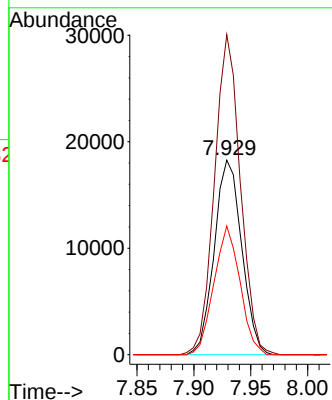
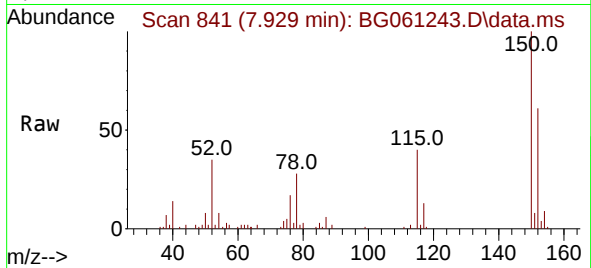




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 841
Delta R.T. -0.032 min
Lab File: BG061243.D
Acq: 17 May 2024 17:55

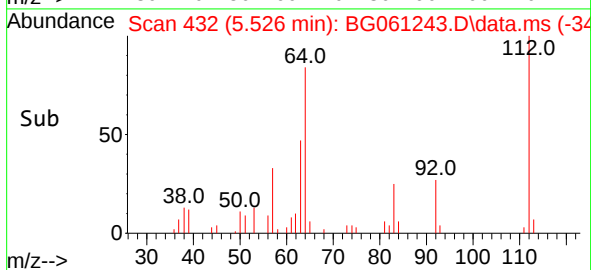
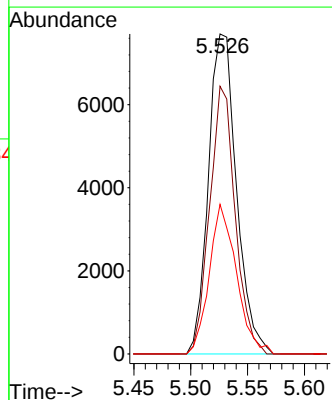
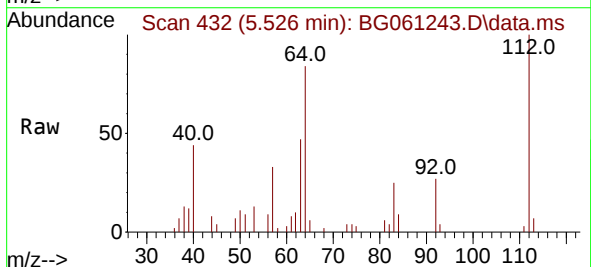
Instrument :
BNA_G
ClientSampleId :
280856

Tgt Ion:152 Resp: 30693
Ion Ratio Lower Upper
152 100
150 164.5 138.3 207.5
115 66.2 48.0 72.0



#5
2-Fluorophenol
Concen: 8.779 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061243.D
Acq: 17 May 2024 17:55

Tgt Ion:112 Resp: 13249
Ion Ratio Lower Upper
112 100
64 83.7 55.7 83.5#
63 46.7 38.1 57.1





#7

Phenol-d6

Concen: 7.595 ng

RT: 7.112 min Scan# 705

Delta R.T. -0.021 min

Lab File: BG061243.D

Acq: 17 May 2024 17:55

Instrument :

BNA_G

ClientSampleId :

280856

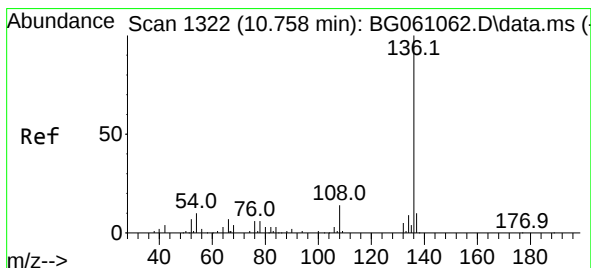
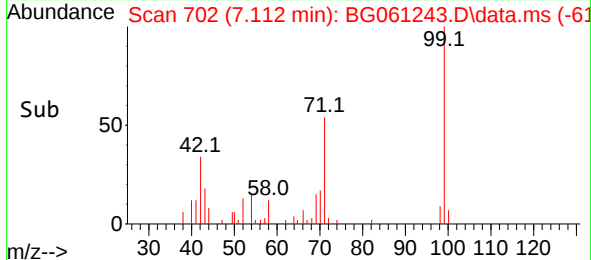
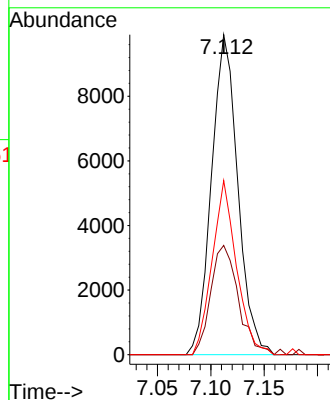
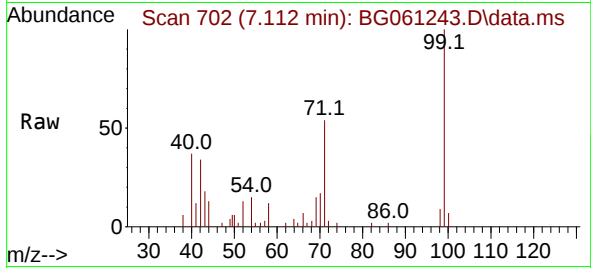
Tgt Ion: 99 Resp: 16956

Ion Ratio Lower Upper

99 100

42 34.2 29.2 43.8

71 54.4 39.7 59.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.726 min Scan# 1317

Delta R.T. -0.033 min

Lab File: BG061243.D

Acq: 17 May 2024 17:55

Tgt Ion:136 Resp: 116410

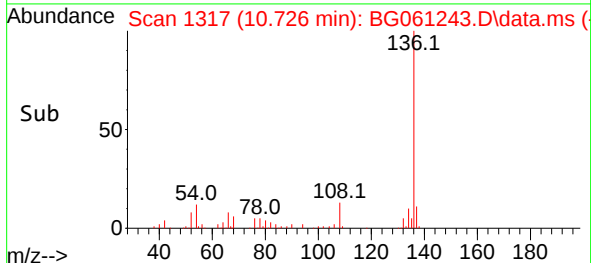
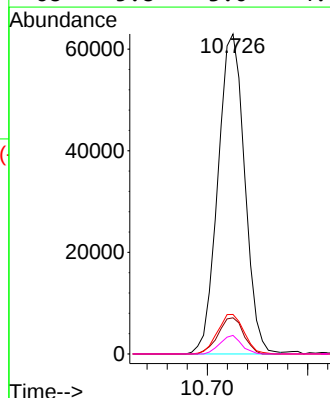
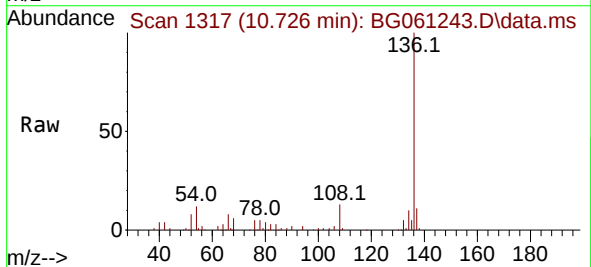
Ion Ratio Lower Upper

136 100

137 11.3 7.8 11.6

54 12.3 8.1 12.1#

68 5.8 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 5.620 ng

RT: 9.086 min Scan# 1038

Delta R.T. -0.033 min

Lab File: BG061243.D

Acq: 17 May 2024 17:55

Instrument :

BNA_G

ClientSampleId :

280856

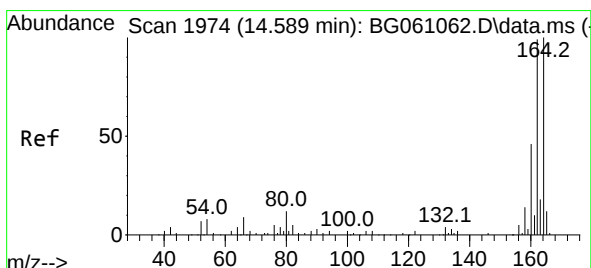
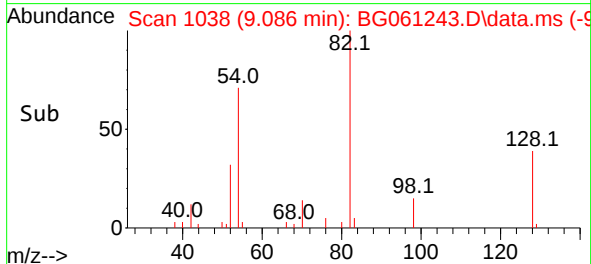
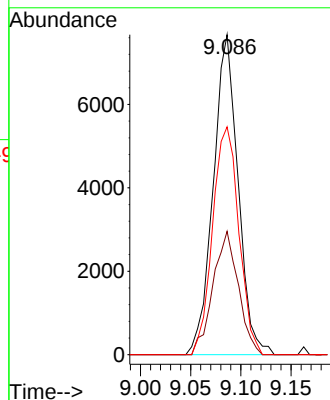
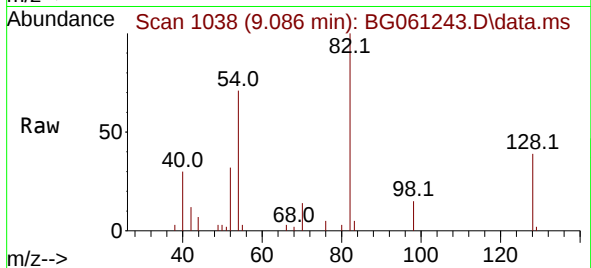
Tgt Ion: 82 Resp: 13198

Ion Ratio Lower Upper

82 100

128 38.6 32.7 49.1

54 71.2 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1969

Delta R.T. -0.033 min

Lab File: BG061243.D

Acq: 17 May 2024 17:55

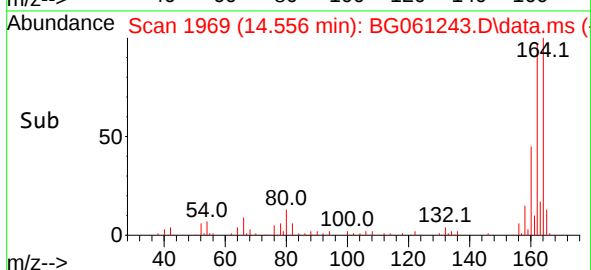
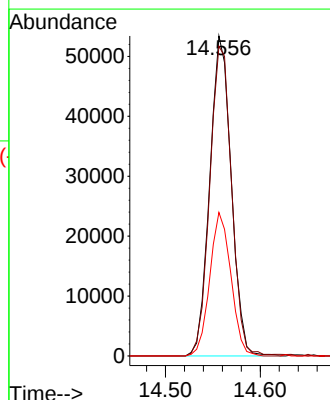
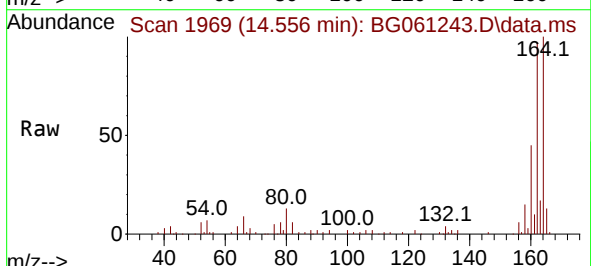
Tgt Ion: 164 Resp: 83846

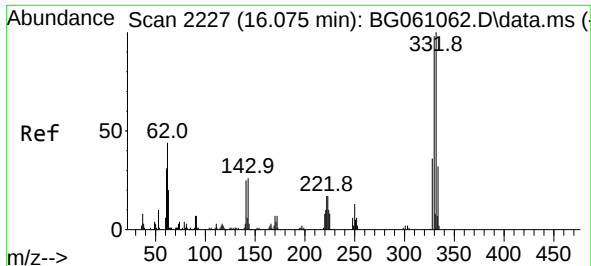
Ion Ratio Lower Upper

164 100

162 96.8 79.4 119.2

160 44.8 37.0 55.6

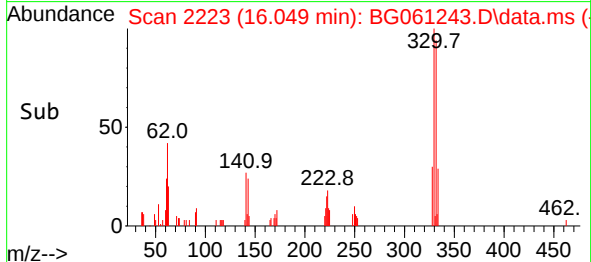
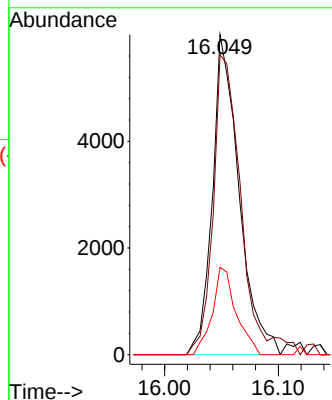
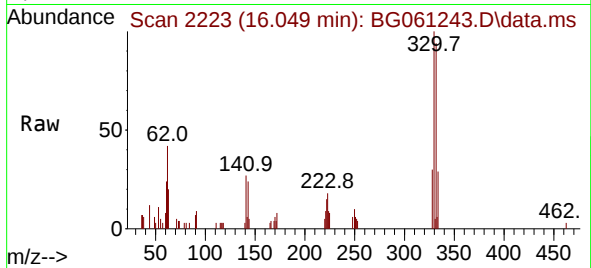




#42
2,4,6-Tribromophenol
Concen: 5.812 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061243.D
Acq: 17 May 2024 17:55

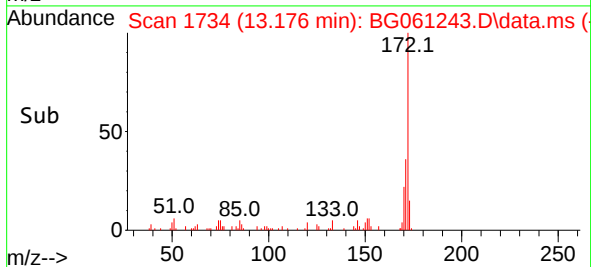
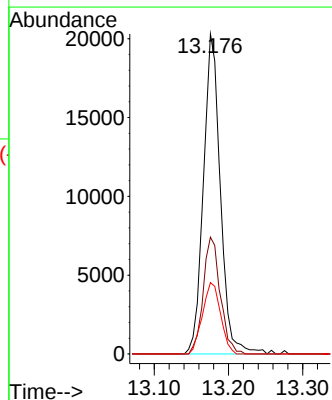
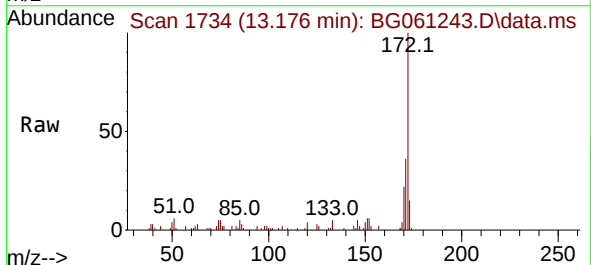
Instrument :
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280856

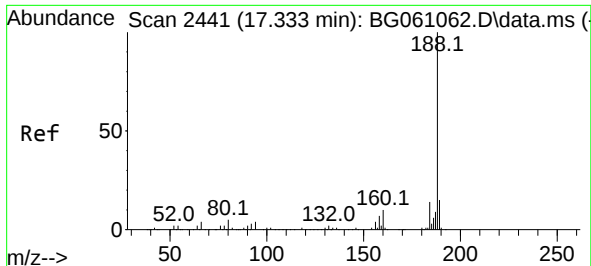
Tgt Ion:330 Resp: 9741
Ion Ratio Lower Upper
330 100
332 98.1 78.6 117.8
141 24.5 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 5.714 ng
RT: 13.176 min Scan# 1734
Delta R.T. -0.033 min
Lab File: BG061243.D
Acq: 17 May 2024 17:55

Tgt Ion:172 Resp: 32401
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 22.3 20.2 30.4

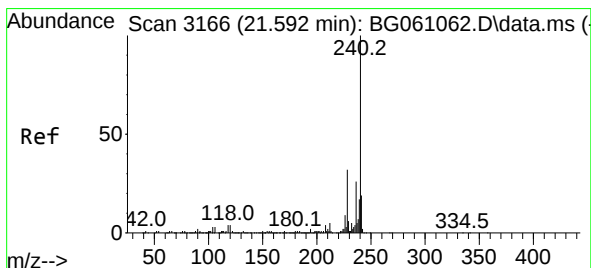
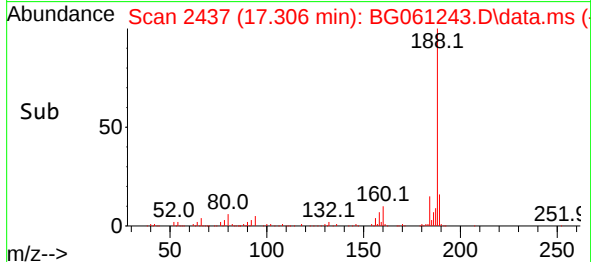
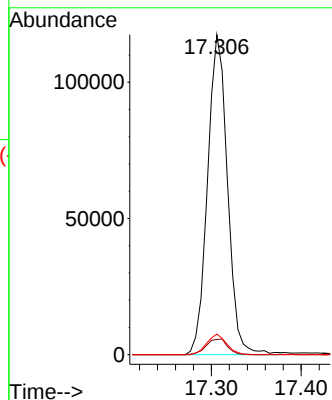
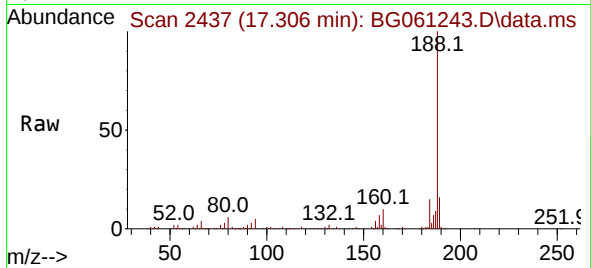




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2441
Delta R.T. -0.027 min
Lab File: BG061243.D
Acq: 17 May 2024 17:55

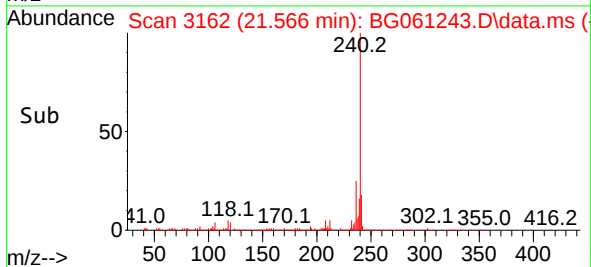
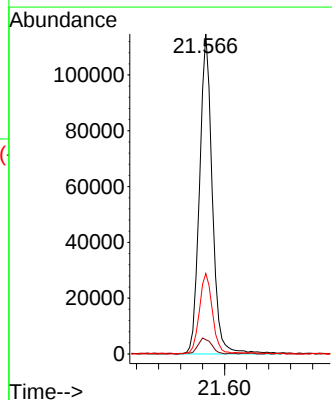
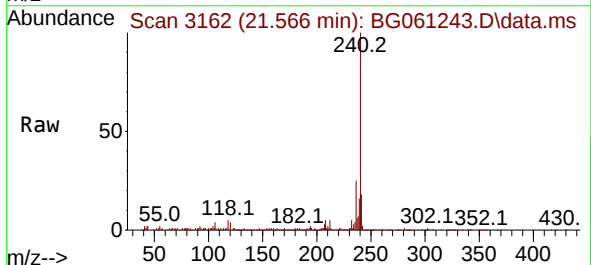
Instrument :
BNA_G
ClientSampleId :
280856

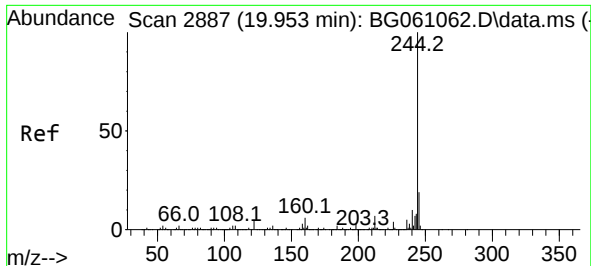
Tgt Ion:188 Resp: 181472
Ion Ratio Lower Upper
188 100
94 4.7 3.6 5.4
80 6.4 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.027 min
Lab File: BG061243.D
Acq: 17 May 2024 17:55

Tgt Ion:240 Resp: 184867
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 25.2 21.0 31.6

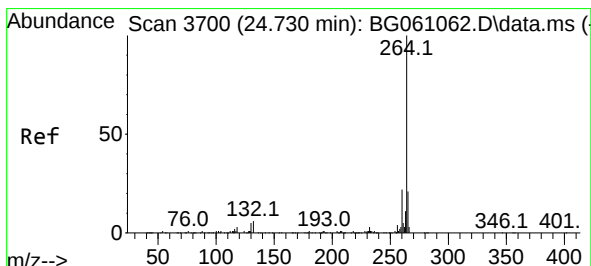
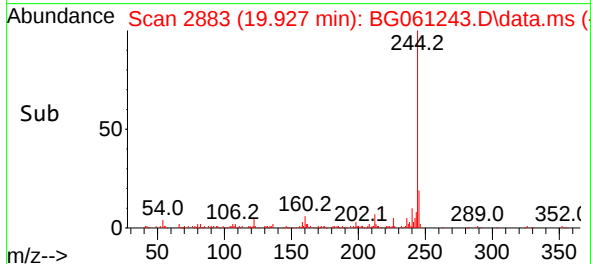
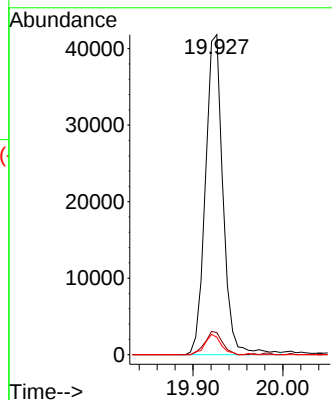
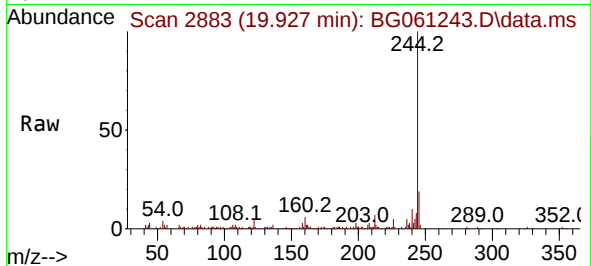




#79
 Terphenyl-d14
 Concen: 5.109 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BG061243.D
 Acq: 17 May 2024 17:55

Instrument :
 BNA_G
 ClientSampleId :
 280856

Tgt Ion:244 Resp: 56794
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.4 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 3694
 Delta R.T. -0.038 min
 Lab File: BG061243.D
 Acq: 17 May 2024 17:55

Tgt Ion:264 Resp: 224177
 Ion Ratio Lower Upper
 264 100
 260 25.3 17.7 26.5
 265 22.8 16.4 24.6

