

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
 Data File : BG061247.D
 Acq On : 17 May 2024 20:39
 Operator : MA/JU
 Sample : P2497-05 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT3997

Quant Time: May 17 23:54:04 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	30038	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	114534	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	81978	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	178756	20.000	ng	#-0.03
76) Chrysene-d12	21.567	240	179417	20.000	ng	#-0.03
86) Perylene-d12	24.698	264	199830	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	10830	7.333	ng	-0.01
7) Phenol-d6	7.119	99	13866	6.346	ng	-0.01
23) Nitrobenzene-d5	9.087	82	10324	4.468	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	7996	4.880	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	26576	4.794	ng	-0.03
79) Terphenyl-d14	19.921	244	46270	4.289	ng	-0.03

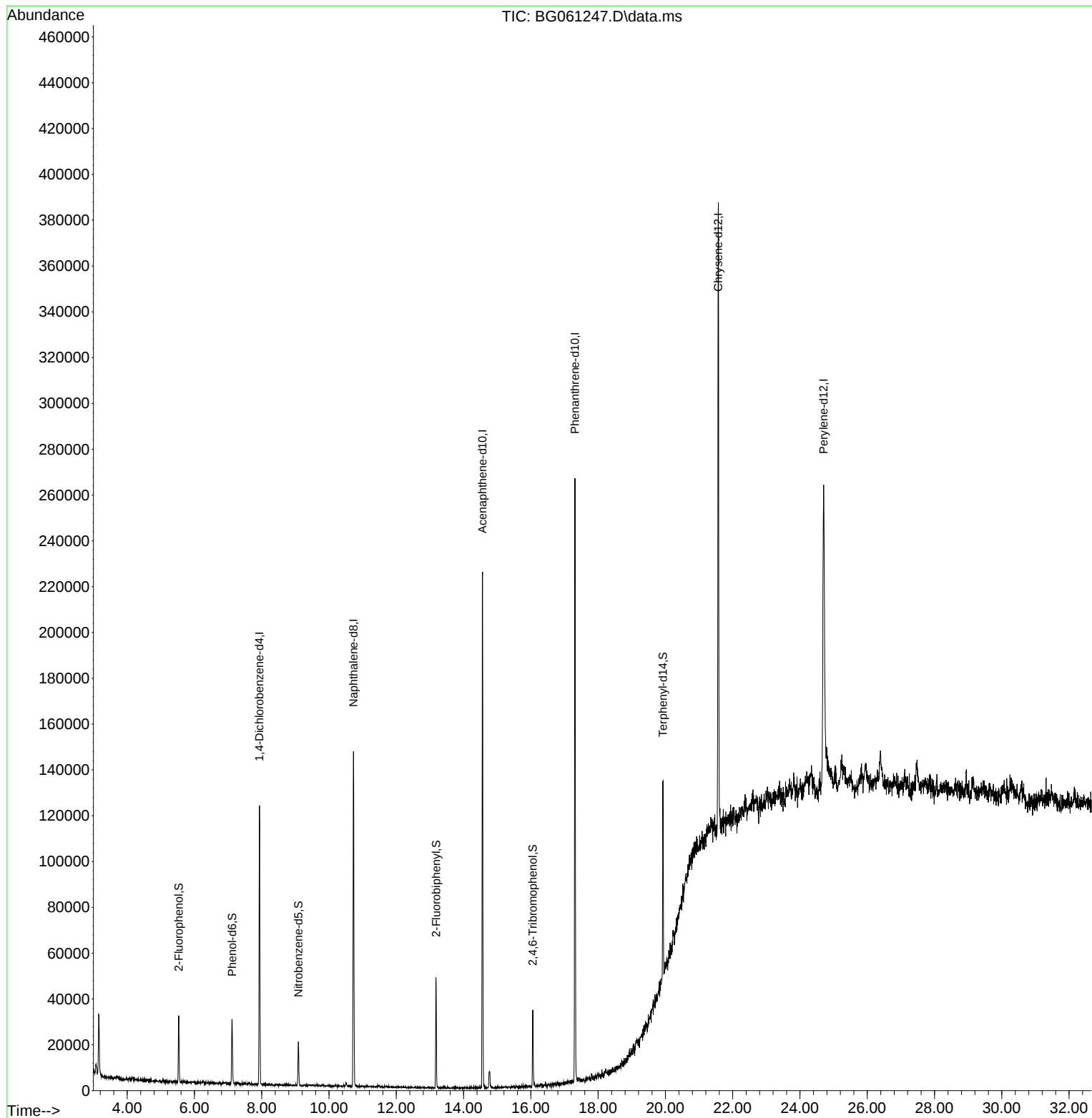
Target Compounds	Qvalue

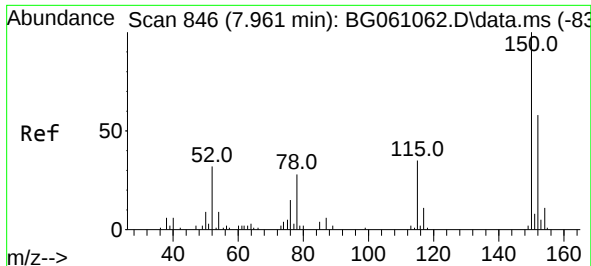
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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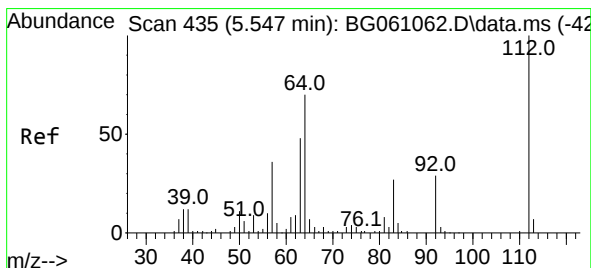
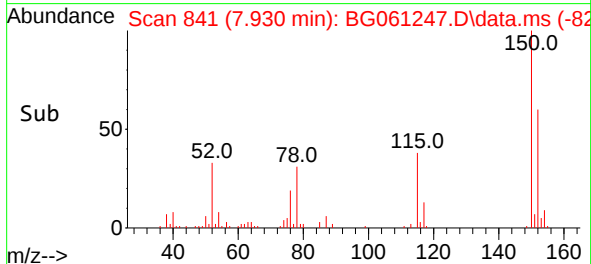
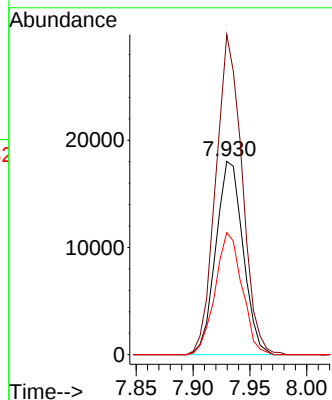
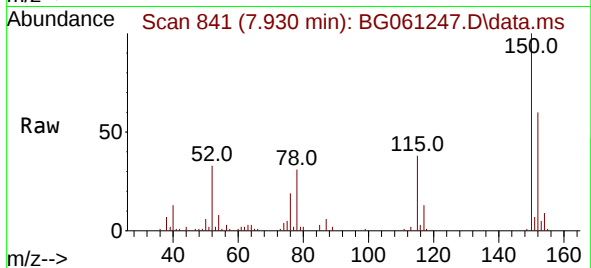




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 841
Delta R.T. -0.031 min
Lab File: BG061247.D
Acq: 17 May 2024 20:39

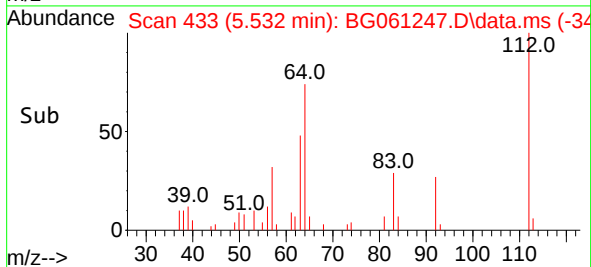
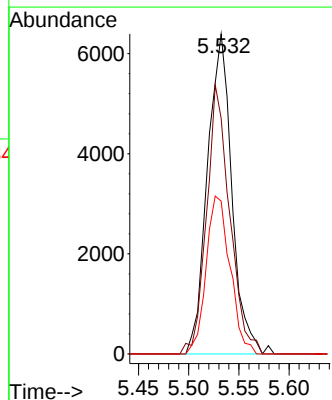
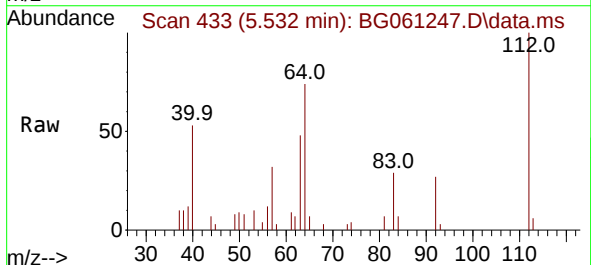
Instrument :
BNA_G
ClientSampleId :
RT3997

Tgt Ion:152 Resp: 30038
Ion Ratio Lower Upper
152 100
150 165.5 138.3 207.5
115 63.1 48.0 72.0



#5
2-Fluorophenol
Concen: 7.333 ng
RT: 5.532 min Scan# 433
Delta R.T. -0.014 min
Lab File: BG061247.D
Acq: 17 May 2024 20:39

Tgt Ion:112 Resp: 10830
Ion Ratio Lower Upper
112 100
64 73.6 55.7 83.5
63 47.8 38.1 57.1

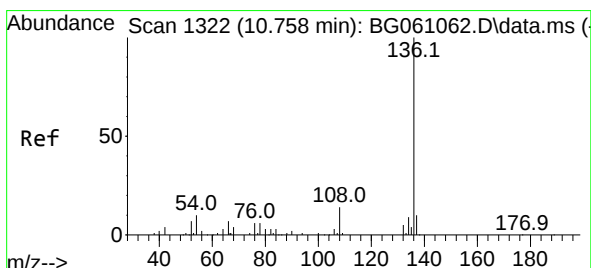
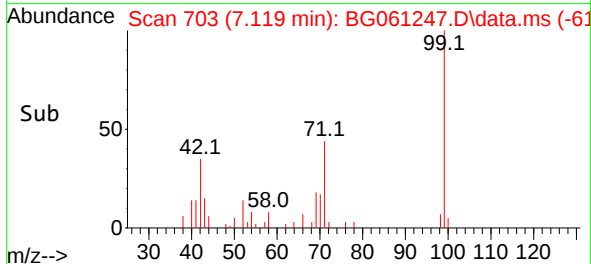
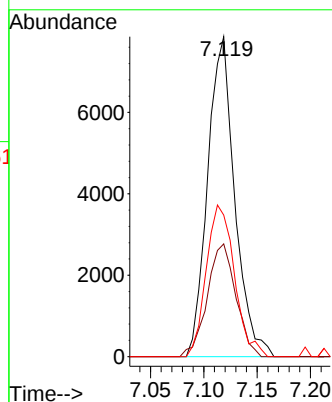
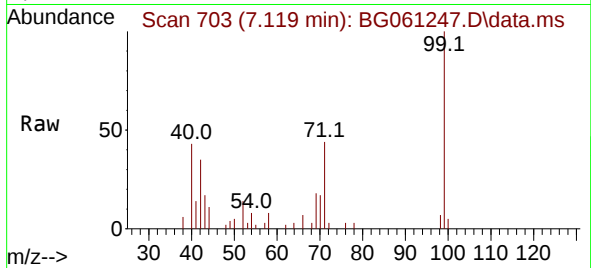




#7
Phenol-d6
Concen: 6.346 ng
RT: 7.119 min Scan# 705
Delta R.T. -0.014 min
Lab File: BG061247.D
Acq: 17 May 2024 20:39

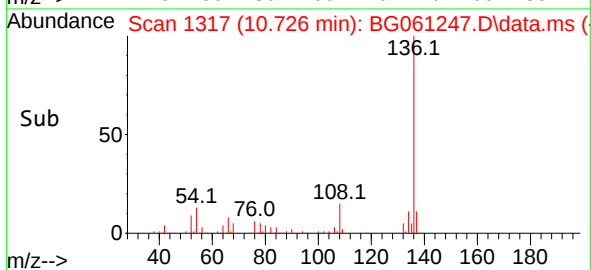
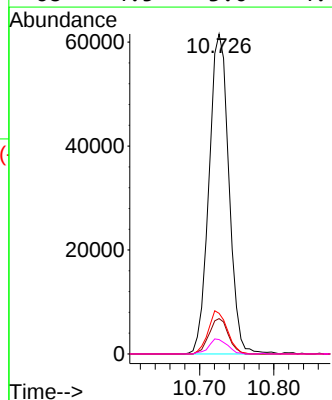
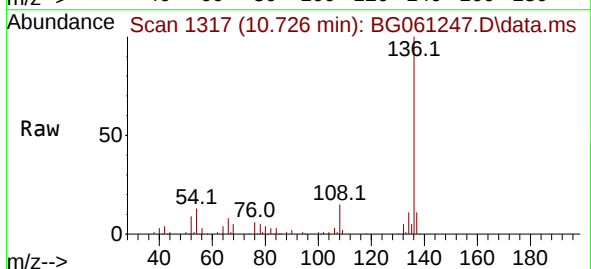
Instrument :
BNA_G
ClientSampleId :
RT3997

Tgt Ion: 99 Resp: 13866
Ion Ratio Lower Upper
99 100
42 35.2 29.2 43.8
71 44.2 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: BG061247.D
Acq: 17 May 2024 20:39

Tgt Ion:136 Resp: 114534
Ion Ratio Lower Upper
136 100
137 11.1 7.8 11.6
54 12.7 8.1 12.1#
68 4.5 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 4.468 ng

RT: 9.087 min Scan# 1038

Delta R.T. -0.032 min

Lab File: BG061247.D

Acq: 17 May 2024 20:39

Instrument :

BNA_G

ClientSampleId :

RT3997

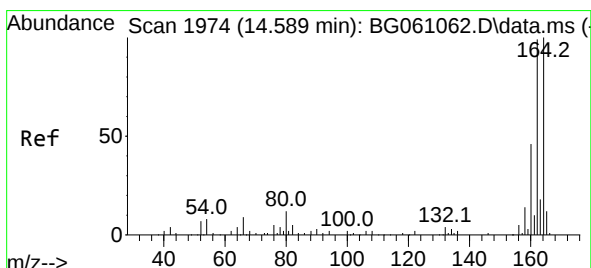
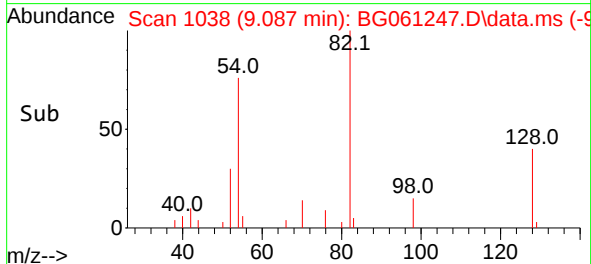
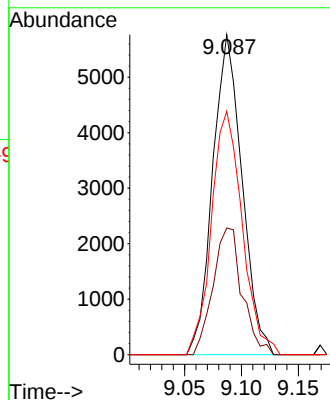
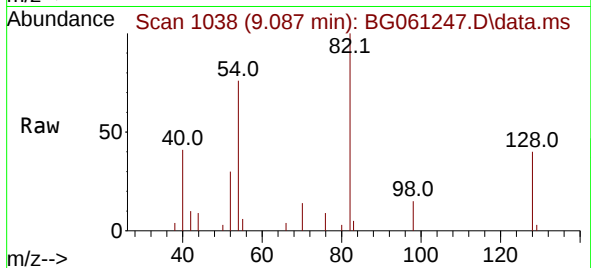
Tgt Ion: 82 Resp: 10324

Ion Ratio Lower Upper

82 100

128 39.6 32.7 49.1

54 76.1 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: BG061247.D

Acq: 17 May 2024 20:39

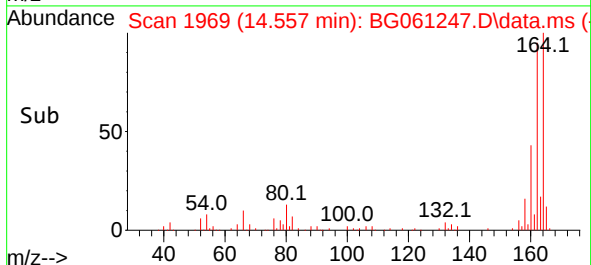
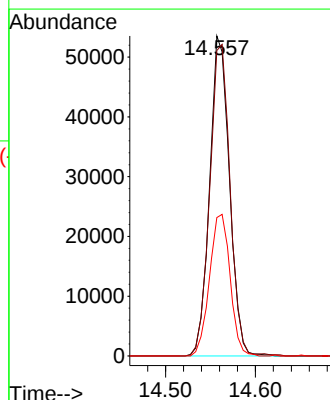
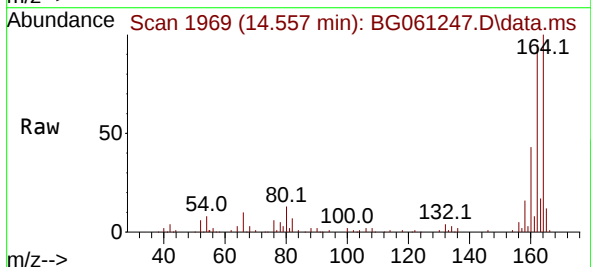
Tgt Ion:164 Resp: 81978

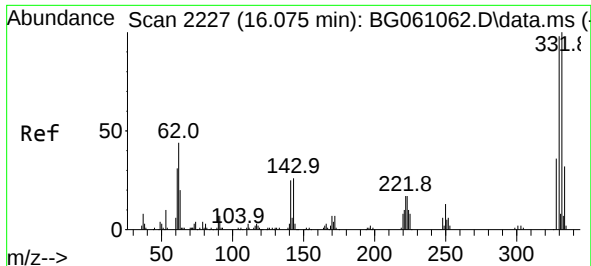
Ion Ratio Lower Upper

164 100

162 95.4 79.4 119.2

160 43.3 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 4.880 ng

RT: 16.055 min Scan# 21

Delta R.T. -0.020 min

Lab File: BG061247.D

Acq: 17 May 2024 20:39

Instrument :

BNA_G

ClientSampleId :

RT3997

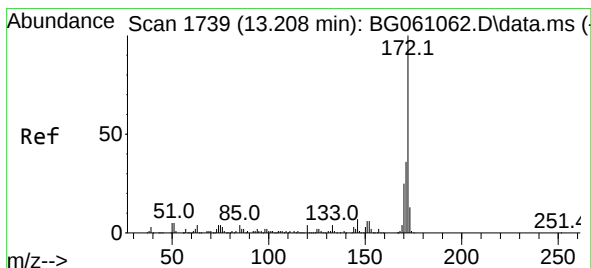
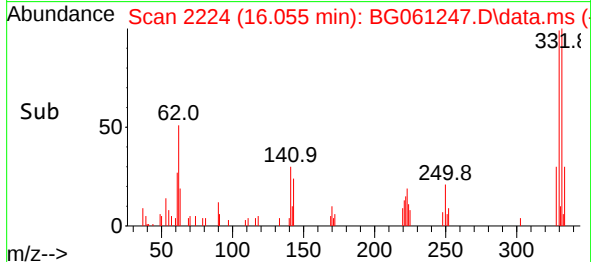
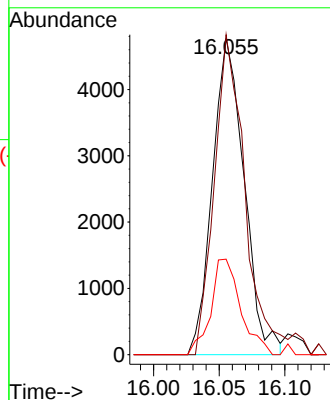
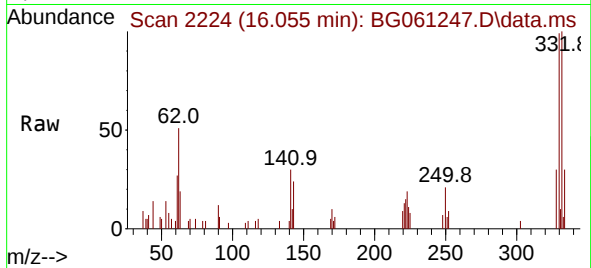
Tgt Ion:330 Resp: 7996

Ion Ratio Lower Upper

330 100

332 100.9 78.6 117.8

141 28.5 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 4.794 ng

RT: 13.182 min Scan# 1735

Delta R.T. -0.026 min

Lab File: BG061247.D

Acq: 17 May 2024 20:39

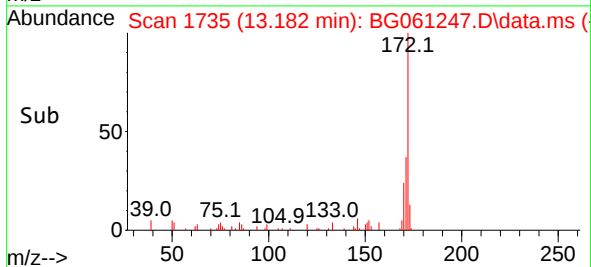
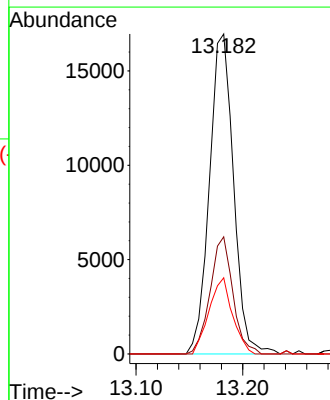
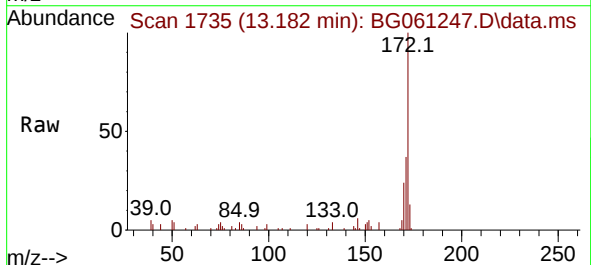
Tgt Ion:172 Resp: 26576

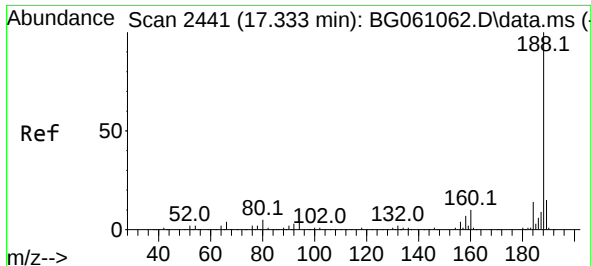
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

170 23.8 20.2 30.4

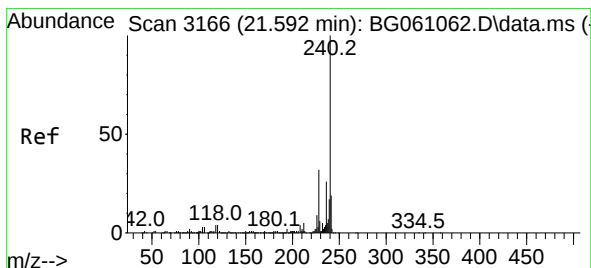
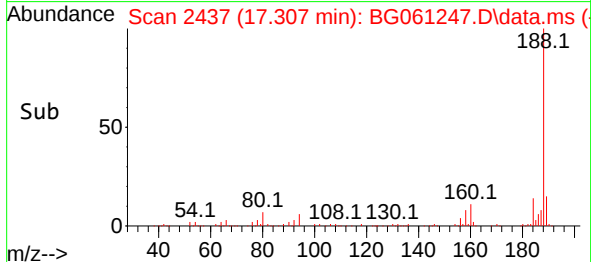
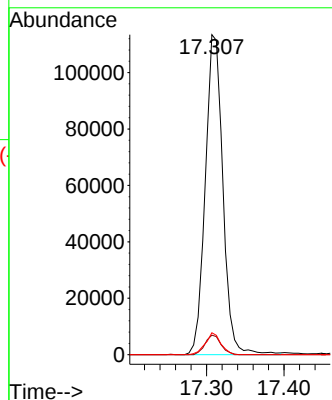
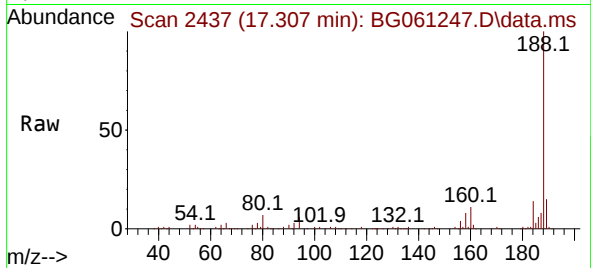




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061247.D
Acq: 17 May 2024 20:39

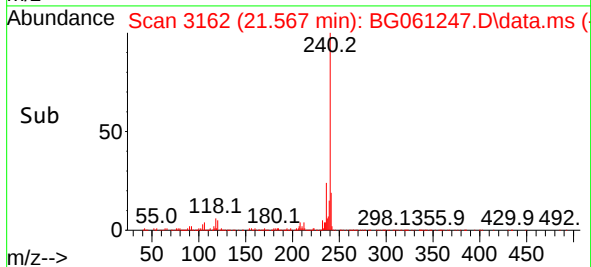
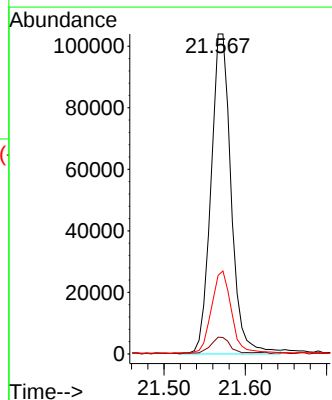
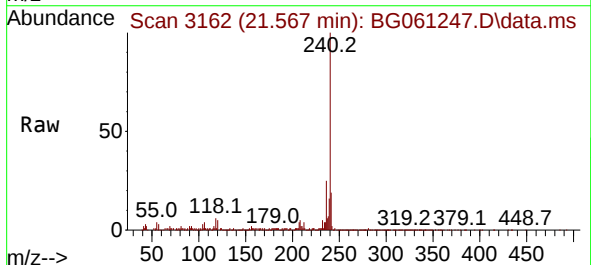
Instrument :
BNA_G
ClientSampleId :
RT3997

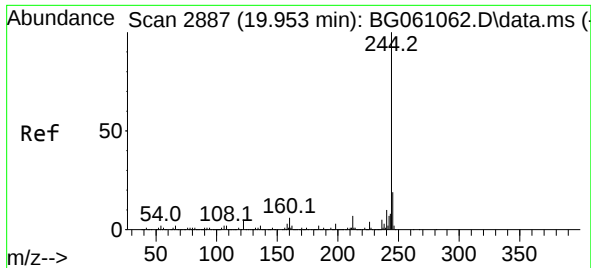
Tgt Ion:188 Resp: 178756
Ion Ratio Lower Upper
188 100
94 6.1 3.6 5.4#
80 6.9 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061247.D
Acq: 17 May 2024 20:39

Tgt Ion:240 Resp: 179417
Ion Ratio Lower Upper
240 100
120 5.3 3.2 4.8#
236 24.5 21.0 31.6

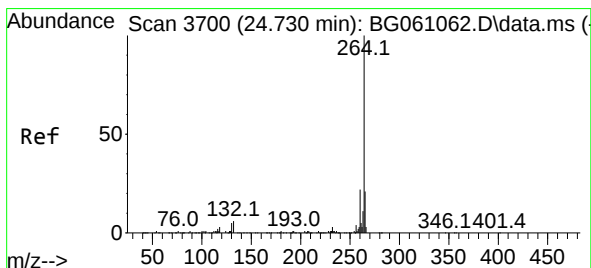
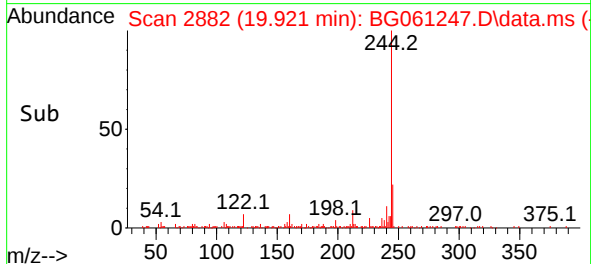
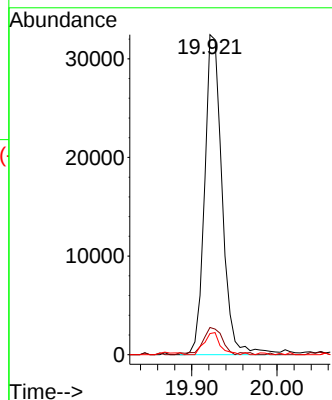
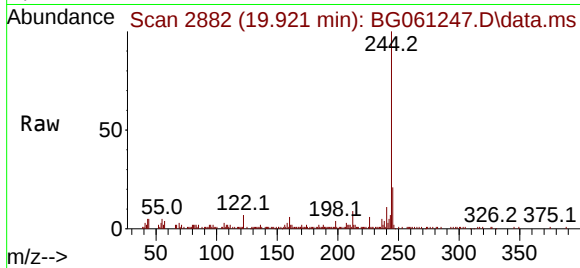




#79
 Terphenyl-d14
 Concen: 4.289 ng
 RT: 19.921 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BG061247.D
 Acq: 17 May 2024 20:39

Instrument :
 BNA_G
 ClientSampleId :
 RT3997

Tgt Ion:244 Resp: 46270
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.7 8.5
 122 6.6 4.2 6.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.698 min Scan# 3695
 Delta R.T. -0.032 min
 Lab File: BG061247.D
 Acq: 17 May 2024 20:39

Tgt Ion:264 Resp: 199830
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.7 26.5
 265 20.6 16.4 24.6

