

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
 Data File : BG061167.D
 Acq On : 10 May 2024 17:39
 Operator : MA/JU
 Sample : P2432-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-01-011

Quant Time: May 10 18:37:53 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	28651	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	110671	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	84527	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	188240	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	190371	20.000	ng	#-0.03
86) Perylene-d12	24.692	264	224828	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	130007	92.283	ng	-0.02
7) Phenol-d6	7.107	99	175771	84.341	ng	-0.03
23) Nitrobenzene-d5	9.087	82	124861	55.928	ng	-0.03
42) 2,4,6-Tribromophenol	16.049	330	122298	72.385	ng	-0.03
45) 2-Fluorobiphenyl	13.182	172	335070	58.617	ng	-0.03
79) Terphenyl-d14	19.927	244	635959	55.559	ng	-0.03

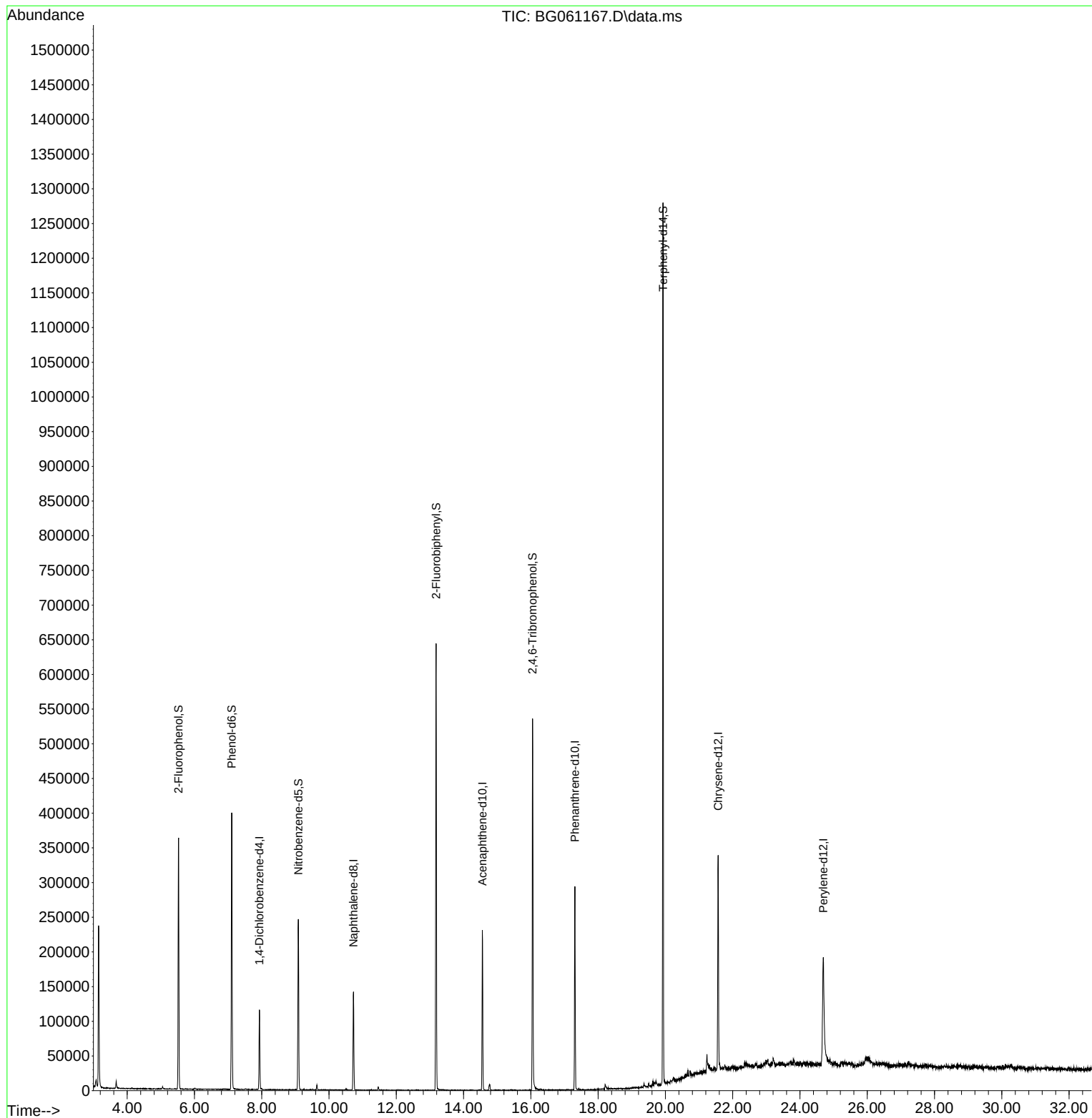
Target Compounds	Qvalue

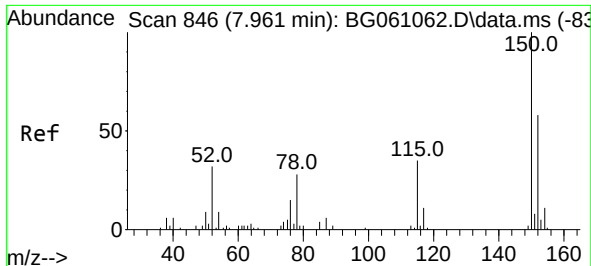
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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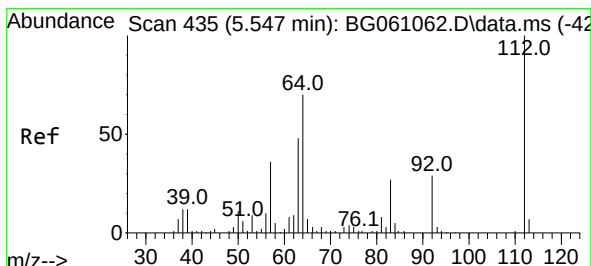
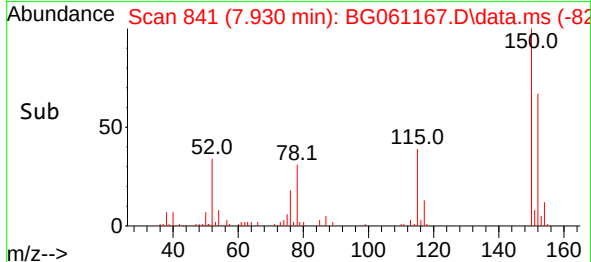
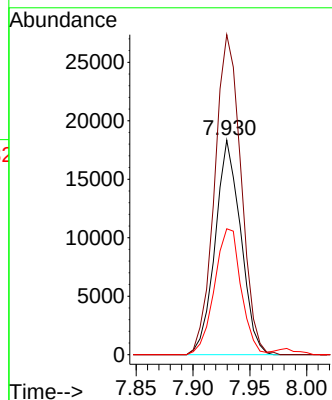
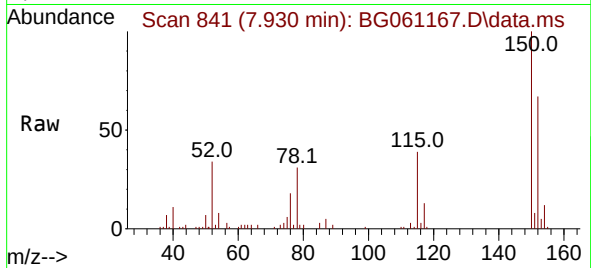




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 846
Delta R.T. -0.031 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

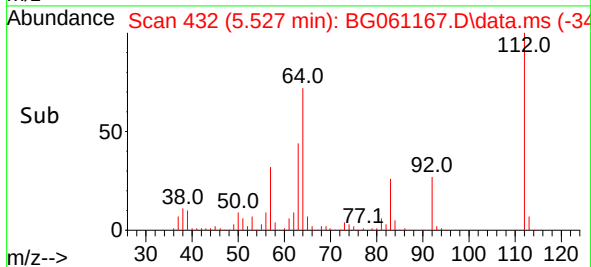
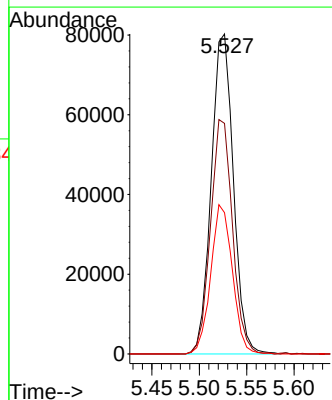
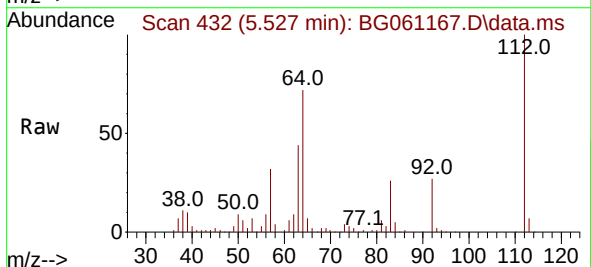
Instrument :
BNA_G
ClientSampleId :
P-01-011

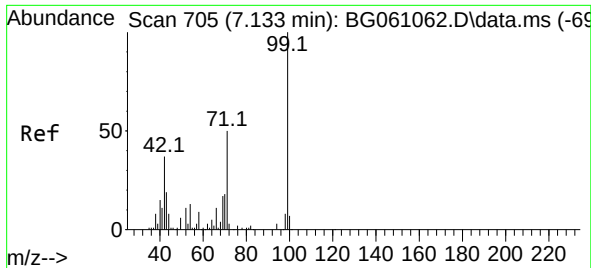
Tgt Ion:152 Resp: 28651
Ion Ratio Lower Upper
152 100
150 149.1 138.3 207.5
115 58.6 48.0 72.0



#5
2-Fluorophenol
Concen: 92.283 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

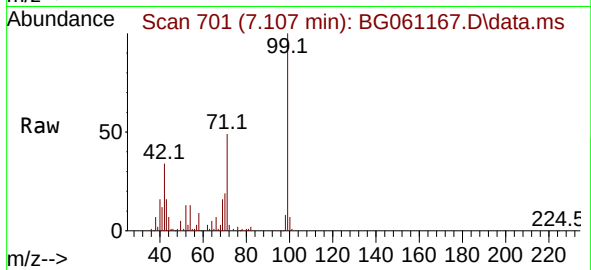
Tgt Ion:112 Resp: 130007
Ion Ratio Lower Upper
112 100
64 72.0 55.7 83.5
63 44.1 38.1 57.1





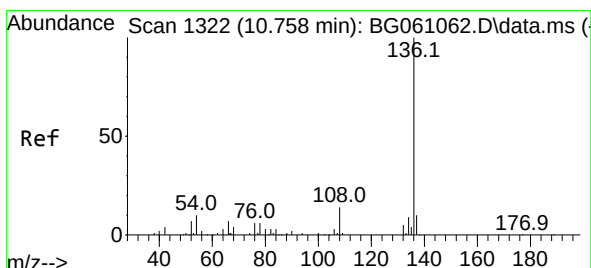
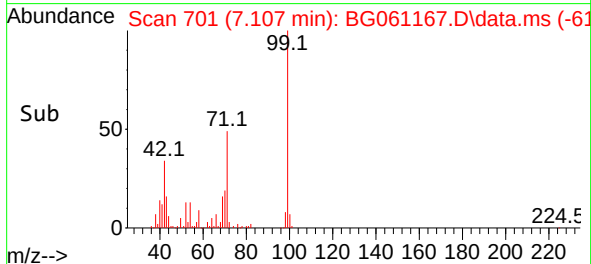
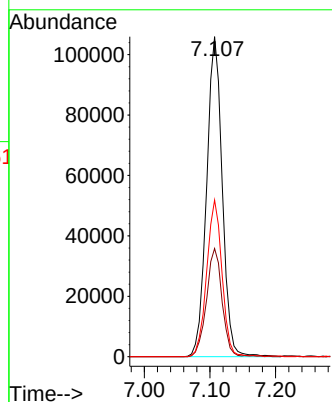
#7
Phenol-d6
Concen: 84.341 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Instrument :
BNA_G
ClientSampleId :
P-01-011



Tgt Ion: 99 Resp: 175771

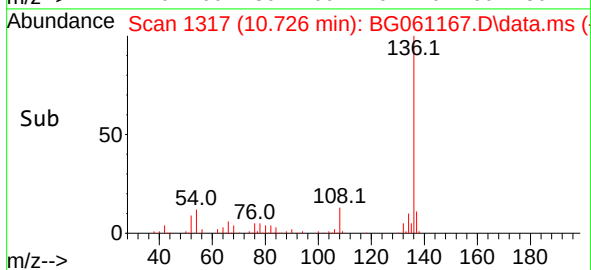
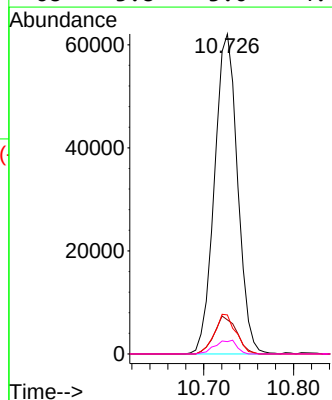
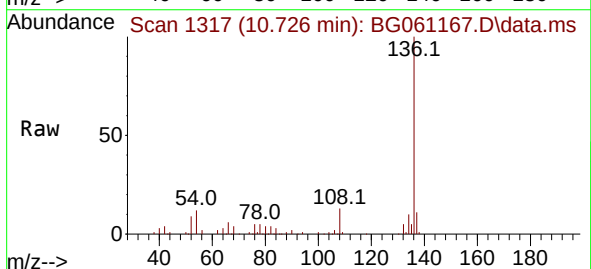
Ion	Ratio	Lower	Upper
99	100		
42	33.8	29.2	43.8
71	49.0	39.7	59.5

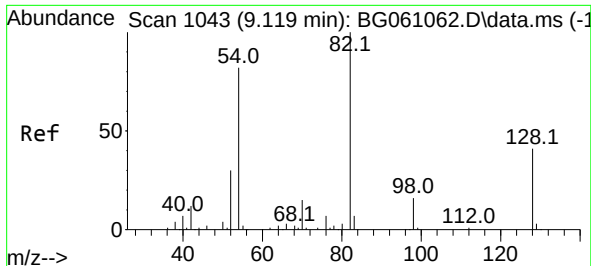


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Tgt Ion: 136 Resp: 110671

Ion	Ratio	Lower	Upper
136	100		
137	10.7	7.8	11.6
54	12.2	8.1	12.1#
68	3.8	3.0	4.4





#23

Nitrobenzene-d5

Concen: 55.928 ng

RT: 9.087 min Scan# 1043

Delta R.T. -0.032 min

Lab File: BG061167.D

Acq: 10 May 2024 17:39

Instrument :

BNA_G

ClientSampleId :

P-01-011

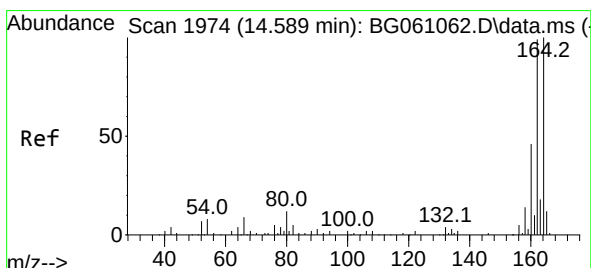
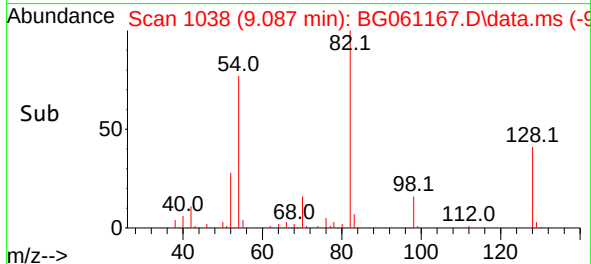
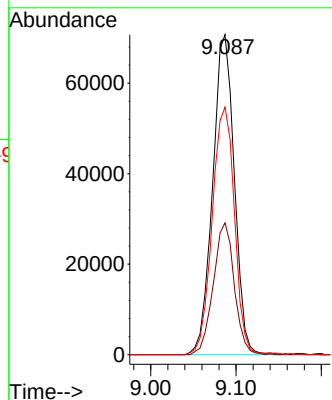
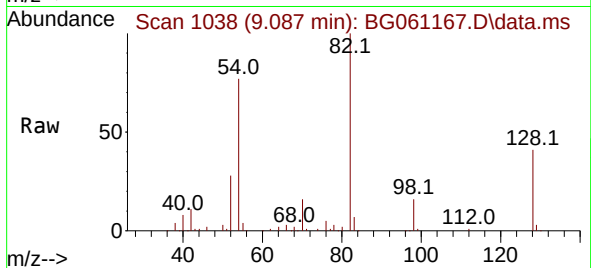
Tgt Ion: 82 Resp: 124861

Ion Ratio Lower Upper

82 100

128 41.2 32.7 49.1

54 77.4 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: BG061167.D

Acq: 10 May 2024 17:39

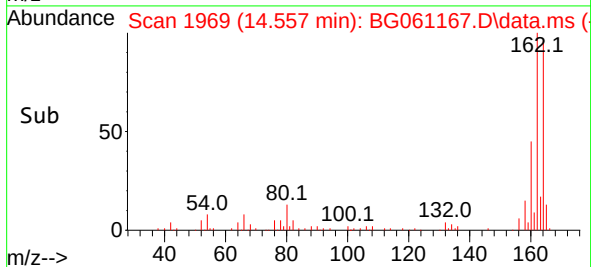
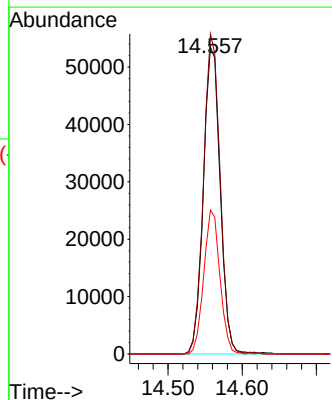
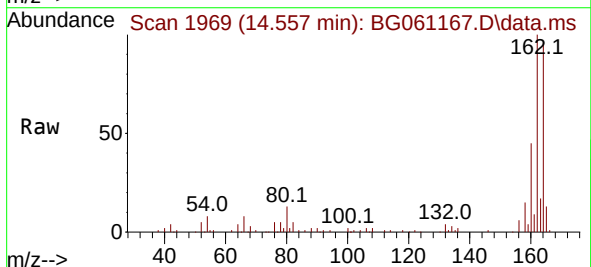
Tgt Ion:164 Resp: 84527

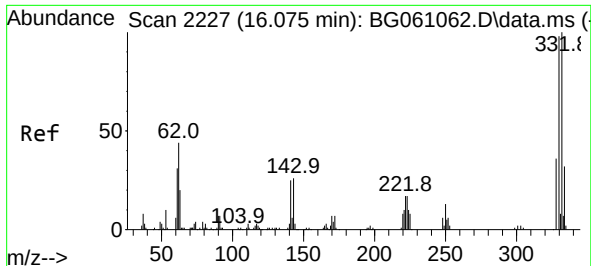
Ion Ratio Lower Upper

164 100

162 104.2 79.4 119.2

160 46.8 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 72.385 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.026 min

Lab File: BG061167.D

Acq: 10 May 2024 17:39

Instrument :

BNA_G

ClientSampleId :

P-01-011

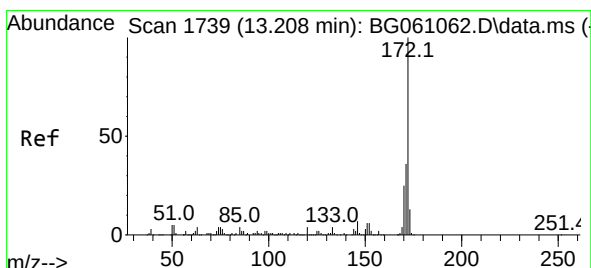
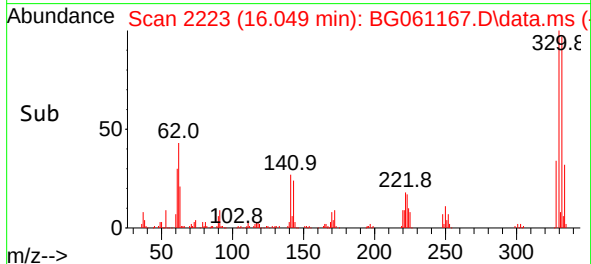
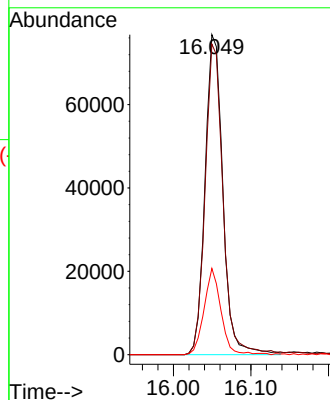
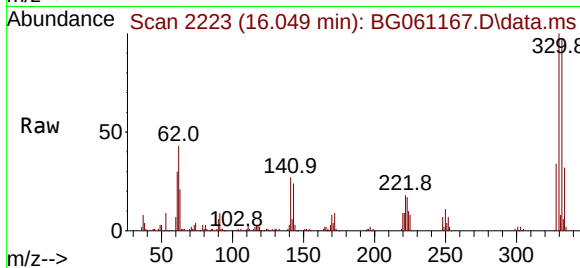
Tgt Ion:330 Resp: 122298

Ion Ratio Lower Upper

330 100

332 97.5 78.6 117.8

141 25.6 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 58.617 ng

RT: 13.182 min Scan# 1735

Delta R.T. -0.026 min

Lab File: BG061167.D

Acq: 10 May 2024 17:39

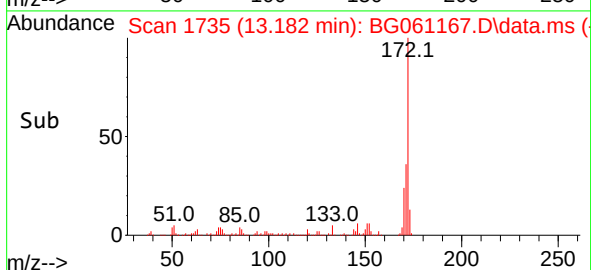
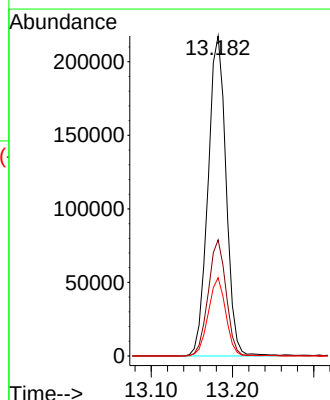
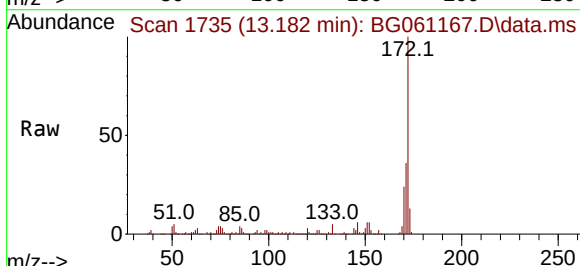
Tgt Ion:172 Resp: 335070

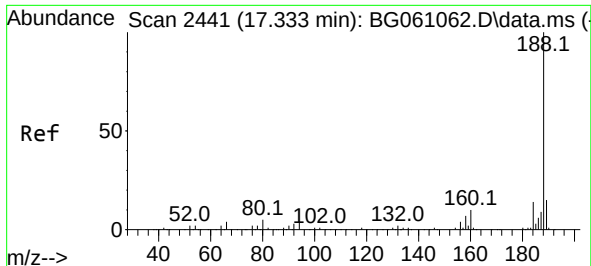
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 24.4 20.2 30.4

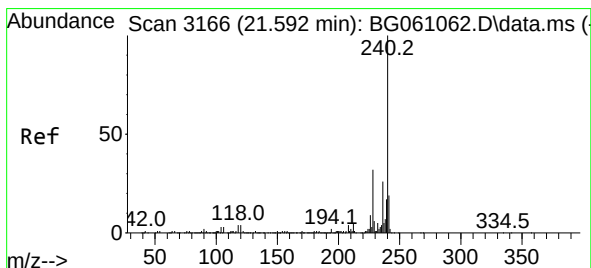
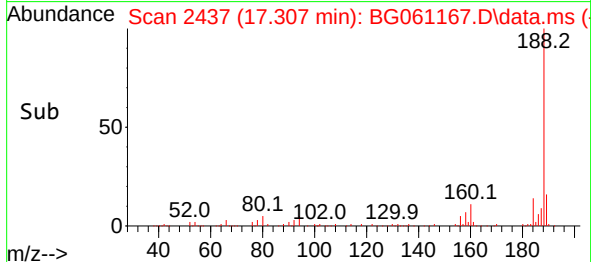
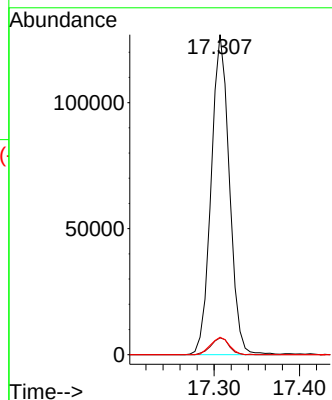
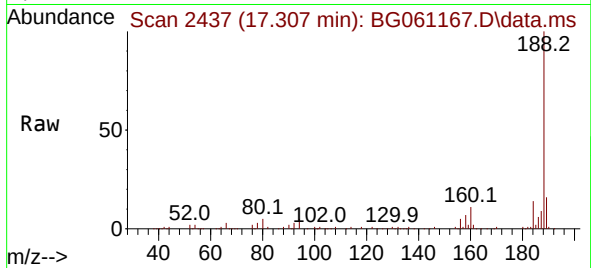




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

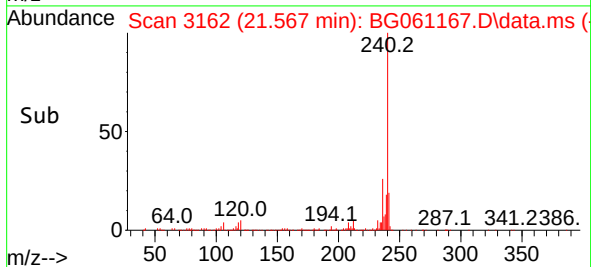
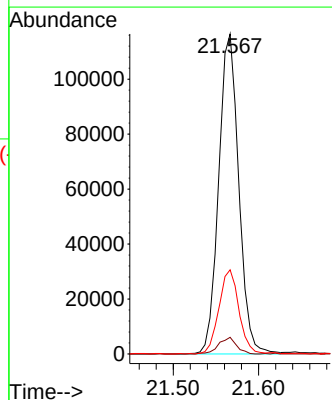
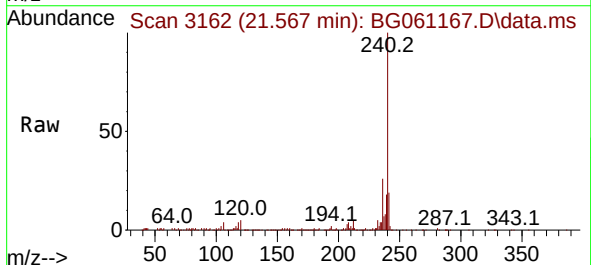
Instrument :
BNA_G
ClientSampleId :
P-01-011

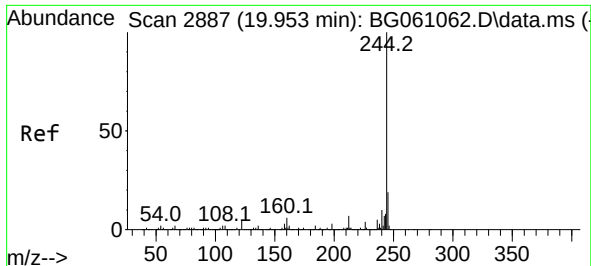
Tgt Ion:188 Resp: 188240
Ion Ratio Lower Upper
188 100
94 5.2 3.6 5.4
80 5.5 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061167.D
Acq: 10 May 2024 17:39

Tgt Ion:240 Resp: 190371
Ion Ratio Lower Upper
240 100
120 5.2 3.2 4.8#
236 26.3 21.0 31.6

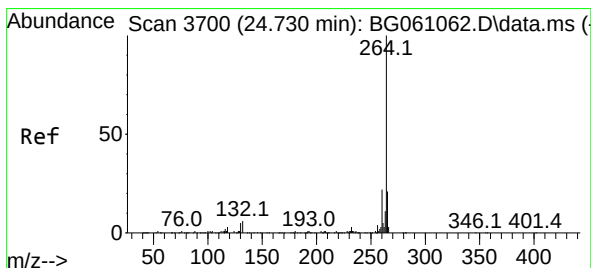
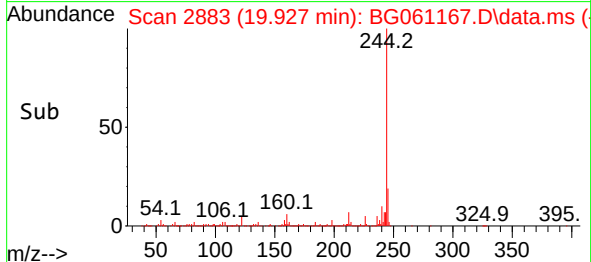
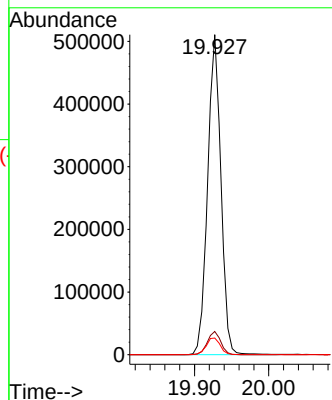
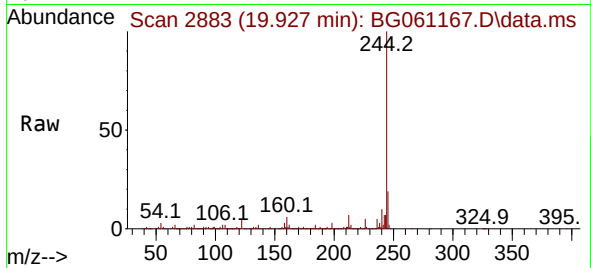




#79
 Terphenyl-d14
 Concen: 55.559 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BG061167.D
 Acq: 10 May 2024 17:39

Instrument :
 BNA_G
 ClientSampleId :
 P-01-011

Tgt Ion:244 Resp: 635959
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.2 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: BG061167.D
 Acq: 10 May 2024 17:39

Tgt Ion:264 Resp: 224828
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.7 26.5
 265 22.3 16.4 24.6

