

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061101.D
 Acq On : 3 May 2024 11:02
 Operator : MA/JU
 Sample : PB160665BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160665BL

Quant Time: May 03 12:07:03 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	7.937	152	18945	20.000	ng	-0.02
21) Naphthalene-d8	10.733	136	68822	20.000	ng	-0.02
39) Acenaphthene-d10	14.564	164	58914	20.000	ng	-0.02
64) Phenanthrene-d10	17.314	188	164608	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	196421	20.000	ng	-0.02
86) Perylene-d12	24.693	264	218613	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	136390	146.414	ng	-0.01
7) Phenol-d6	7.114	99	177264	128.635	ng	-0.02
23) Nitrobenzene-d5	9.094	82	125626	90.488	ng	-0.02
42) 2,4,6-Tribromophenol	16.056	330	165150	140.244	ng	-0.02
45) 2-Fluorobiphenyl	13.189	172	356360	89.445	ng	-0.02
79) Terphenyl-d14	19.934	244	1063162	90.020	ng	-0.02

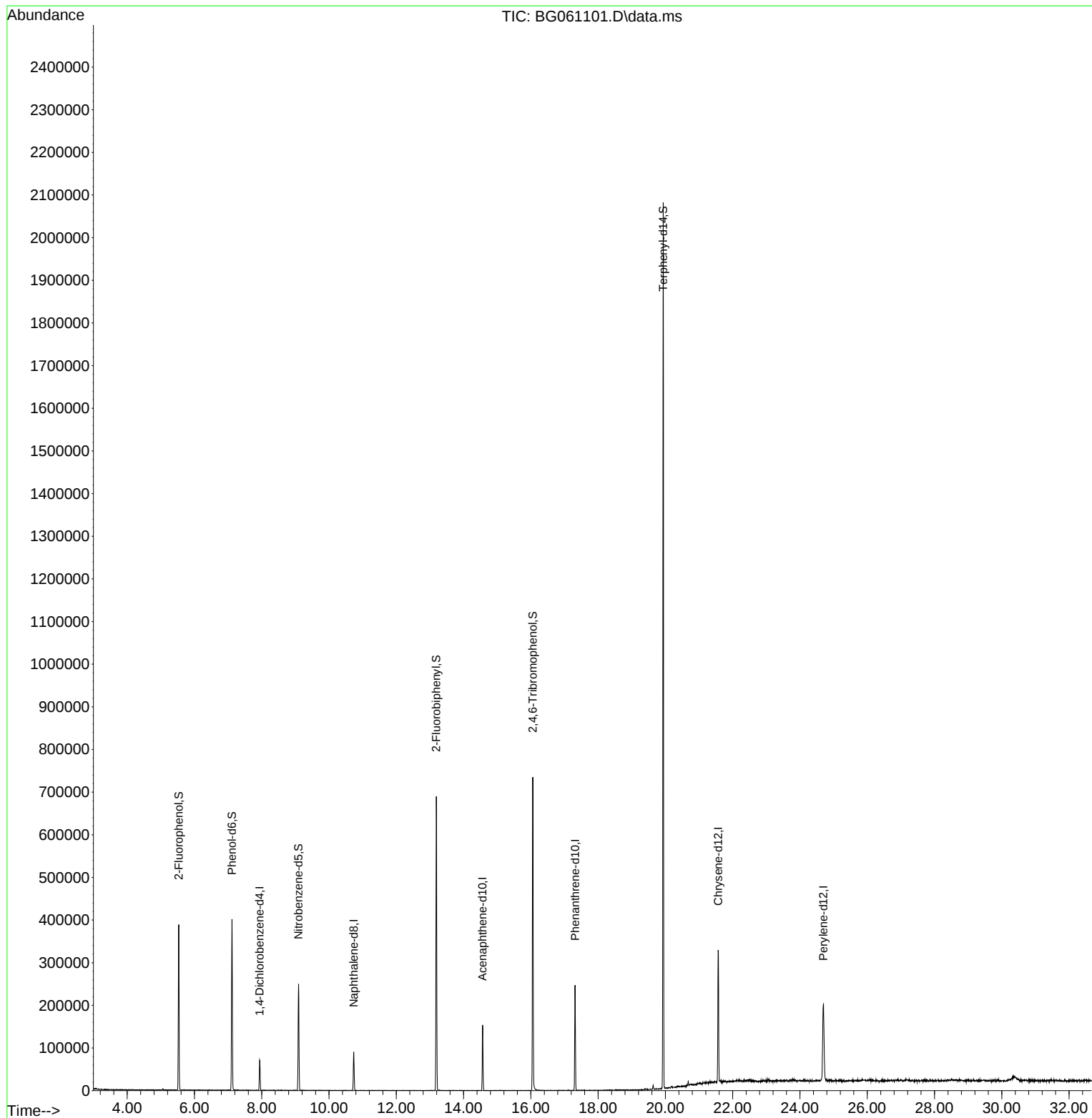
Target Compounds	Qvalue

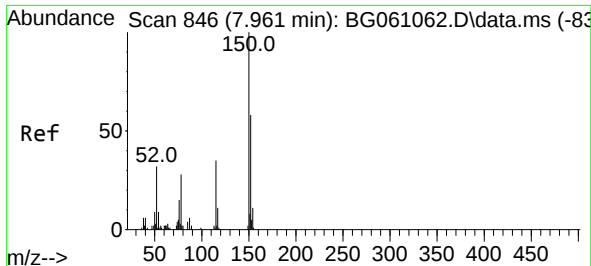
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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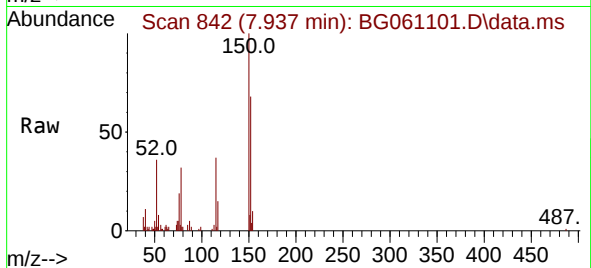
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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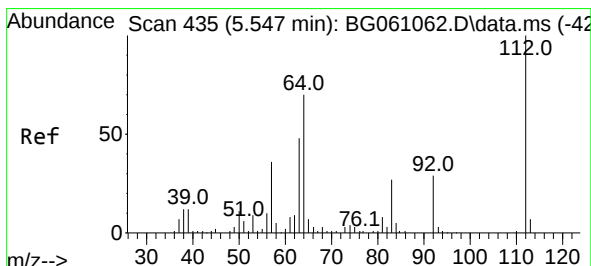
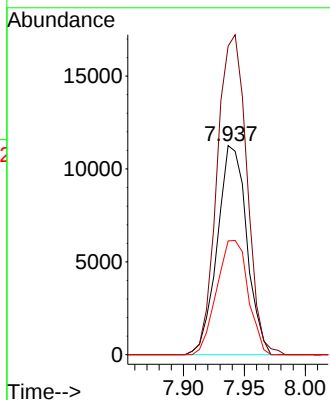
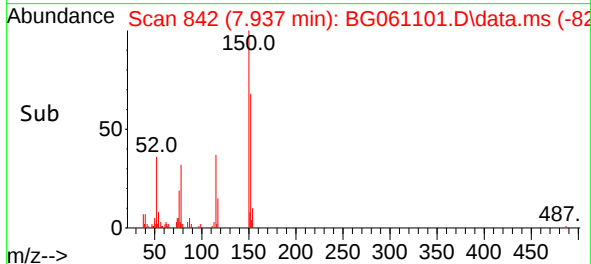


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 846
Delta R.T. -0.024 min
Lab File: BG061101.D
Acq: 3 May 2024 11:02

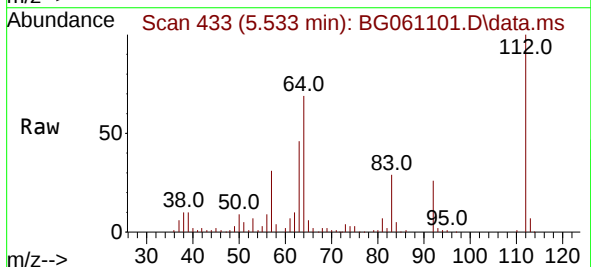
Instrument :
BNA_G
ClientSampleId :
PB160665BL



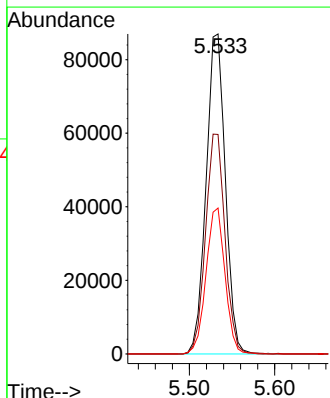
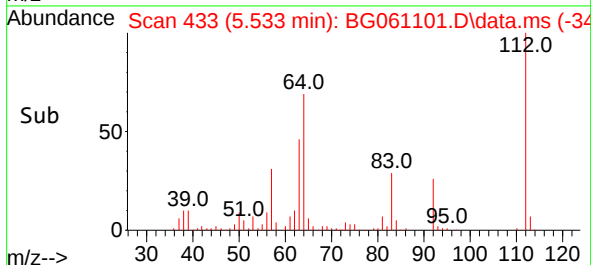
Tgt Ion:152 Resp: 18945
Ion Ratio Lower Upper
152 100
150 147.5 138.3 207.5
115 54.4 48.0 72.0



#5
2-Fluorophenol
Concen: 146.414 ng
RT: 5.533 min Scan# 433
Delta R.T. -0.013 min
Lab File: BG061101.D
Acq: 3 May 2024 11:02



Tgt Ion:112 Resp: 136390
Ion Ratio Lower Upper
112 100
64 68.6 55.7 83.5
63 45.6 38.1 57.1

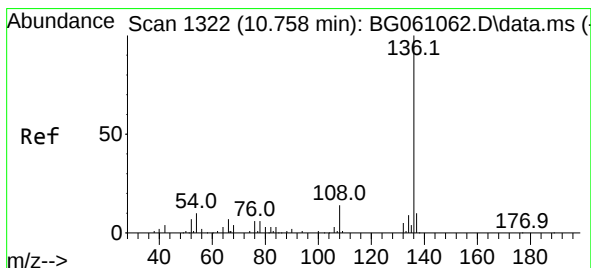
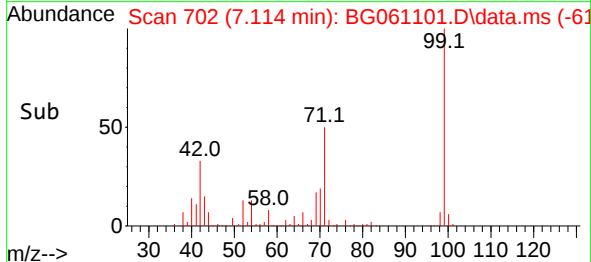
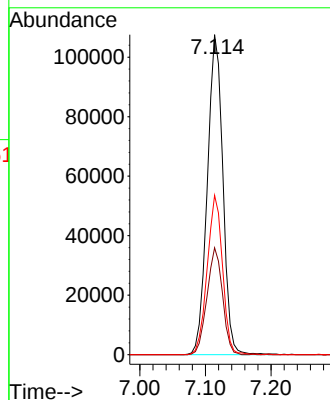
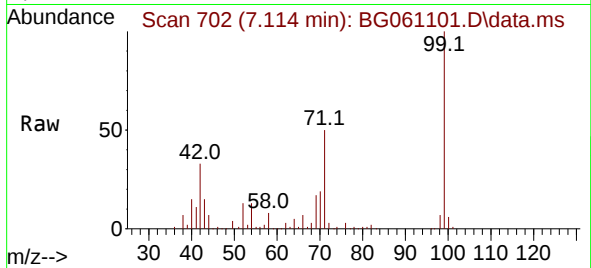




#7
Phenol-d6
Concen: 128.635 ng
RT: 7.114 min Scan# 705
Delta R.T. -0.019 min
Lab File: BG061101.D
Acq: 3 May 2024 11:02

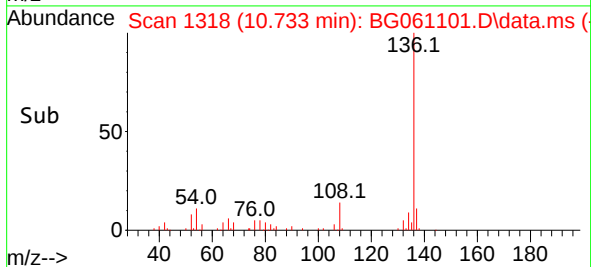
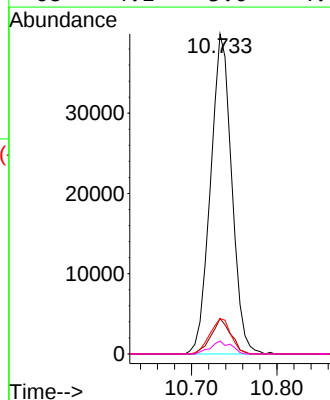
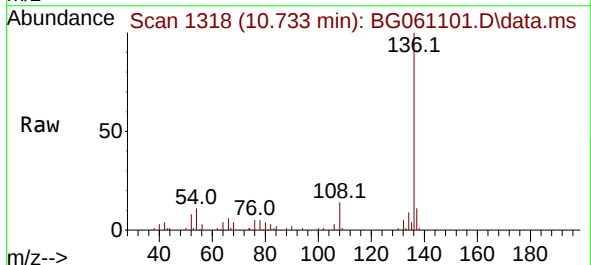
Instrument :
BNA_G
ClientSampleId :
PB160665BL

Tgt Ion: 99 Resp: 177264
Ion Ratio Lower Upper
99 100
42 33.4 29.2 43.8
71 49.8 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1318
Delta R.T. -0.025 min
Lab File: BG061101.D
Acq: 3 May 2024 11:02

Tgt Ion: 136 Resp: 68822
Ion Ratio Lower Upper
136 100
137 11.1 7.8 11.6
54 11.0 8.1 12.1
68 4.1 3.0 4.4





#23

Nitrobenzene-d5

Concen: 90.488 ng

RT: 9.094 min Scan# 1043

Delta R.T. -0.025 min

Lab File: BG061101.D

Acq: 3 May 2024 11:02

Instrument :

BNA_G

ClientSampleId :

PB160665BL

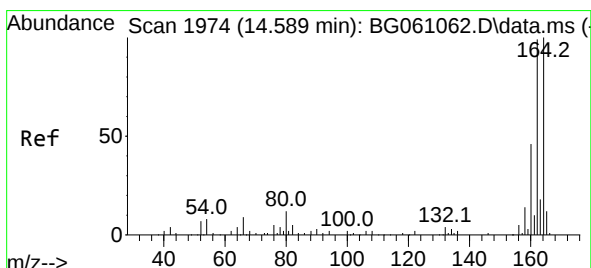
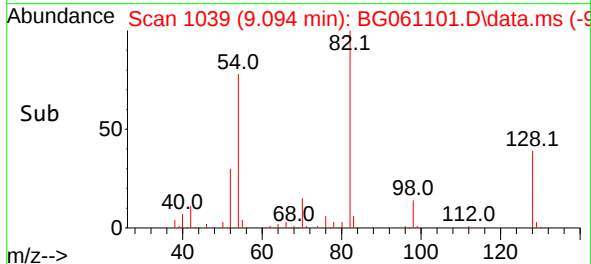
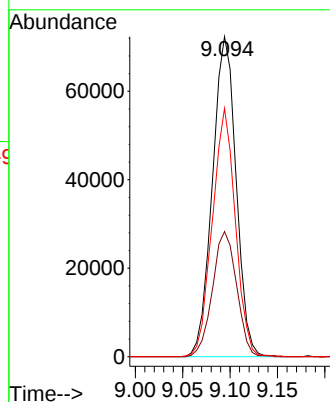
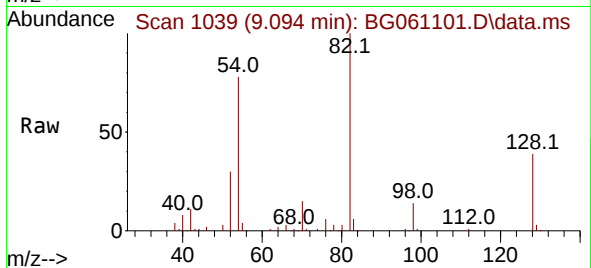
Tgt Ion: 82 Resp: 125626

Ion Ratio Lower Upper

82 100

128 39.1 32.7 49.1

54 77.6 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.564 min Scan# 1970

Delta R.T. -0.025 min

Lab File: BG061101.D

Acq: 3 May 2024 11:02

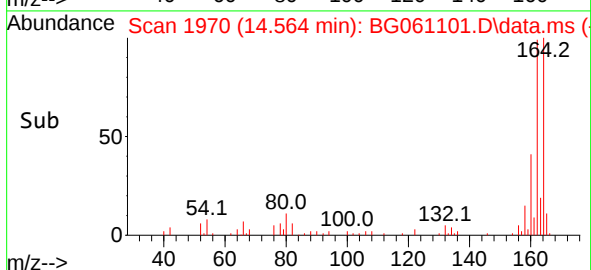
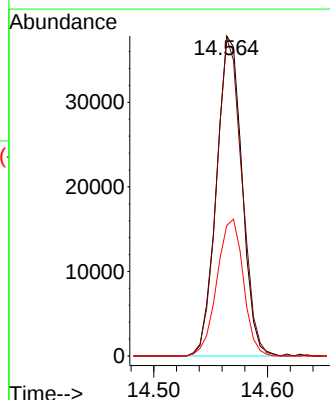
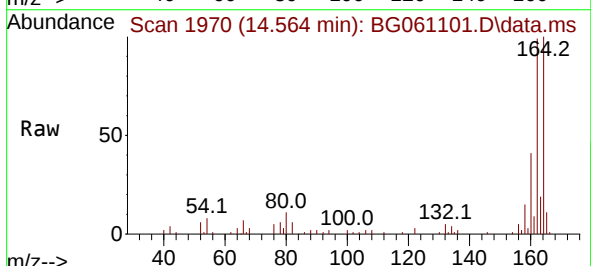
Tgt Ion: 164 Resp: 58914

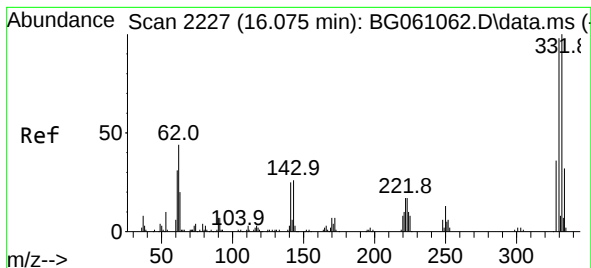
Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.2

160 40.7 37.0 55.6

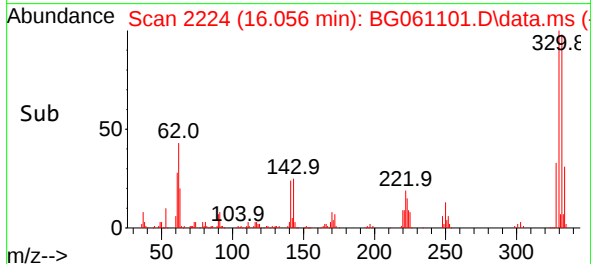
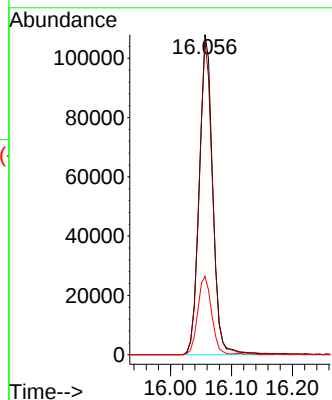
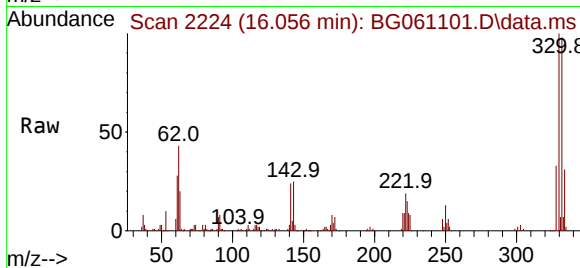




#42
2,4,6-Tribromophenol
Concen: 140.244 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.019 min
Lab File: BG061101.D
Acq: 3 May 2024 11:02

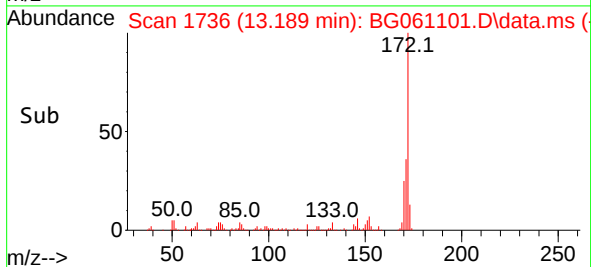
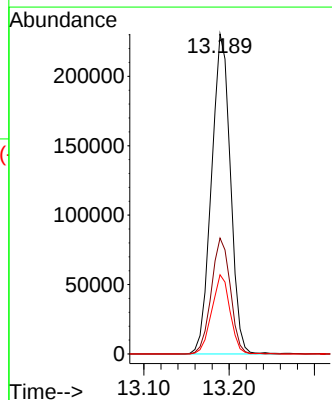
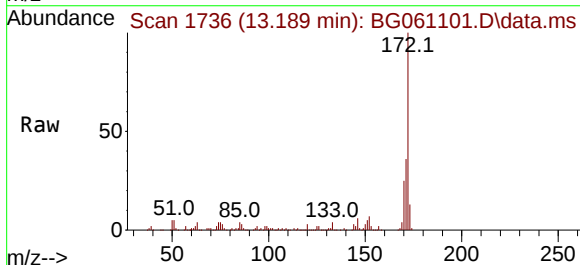
Instrument :
BNA_G
ClientSampleId :
PB160665BL

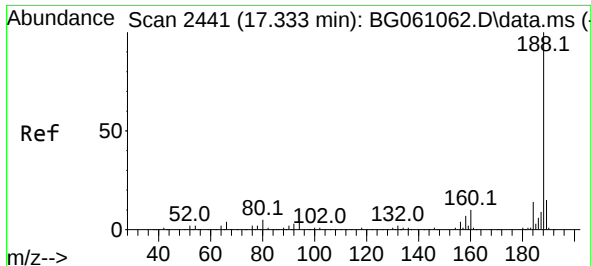
Tgt Ion:330 Resp: 165150
Ion Ratio Lower Upper
330 100
332 98.7 78.6 117.8
141 25.2 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 89.445 ng
RT: 13.189 min Scan# 1736
Delta R.T. -0.019 min
Lab File: BG061101.D
Acq: 3 May 2024 11:02

Tgt Ion:172 Resp: 356360
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.7 20.2 30.4

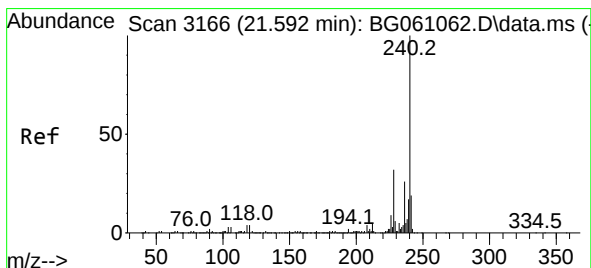
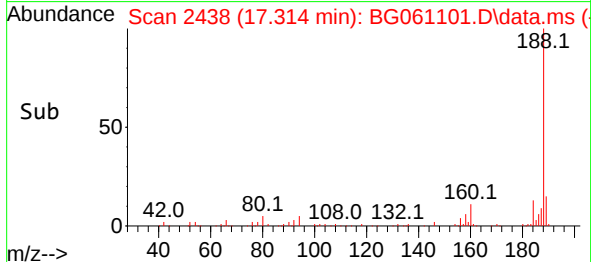
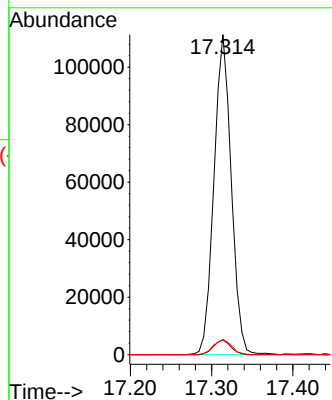
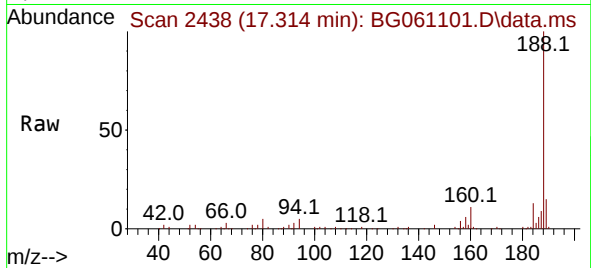




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2441
Delta R.T. -0.019 min
Lab File: BG061101.D
Acq: 3 May 2024 11:02

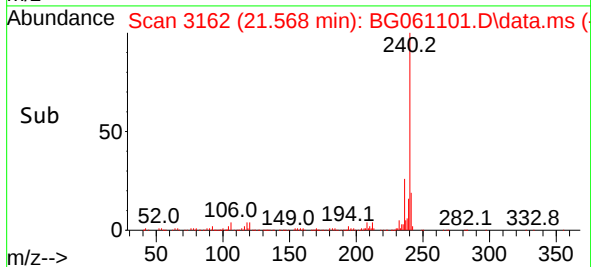
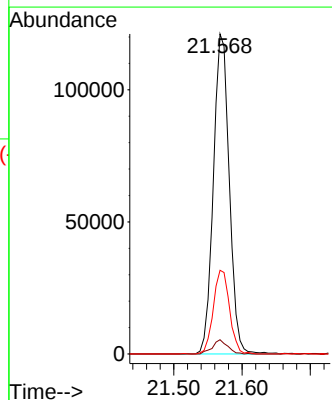
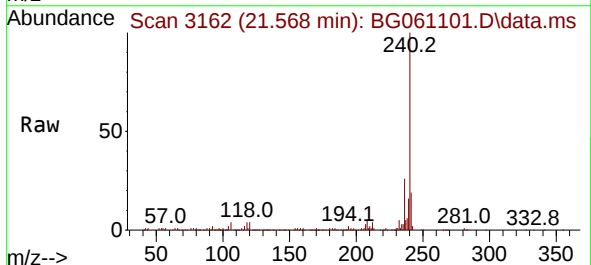
Instrument :
BNA_G
ClientSampleId :
PB160665BL

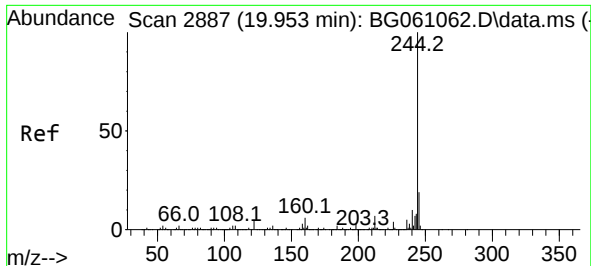
Tgt Ion:188 Resp: 164608
Ion Ratio Lower Upper
188 100
94 4.6 3.6 5.4
80 4.7 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.025 min
Lab File: BG061101.D
Acq: 3 May 2024 11:02

Tgt Ion:240 Resp: 196421
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 26.2 21.0 31.6

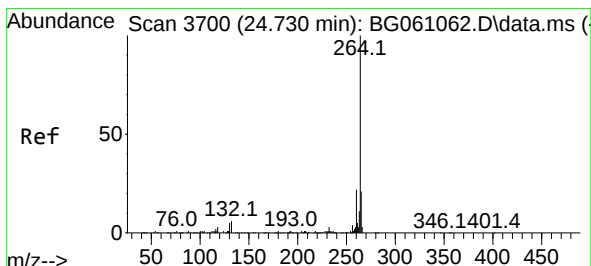
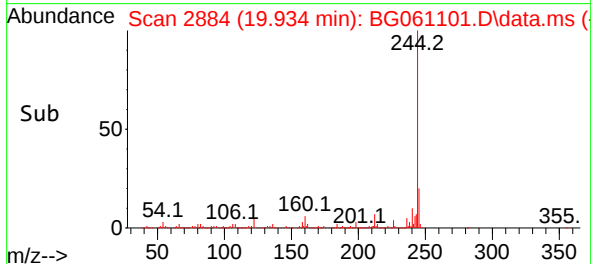
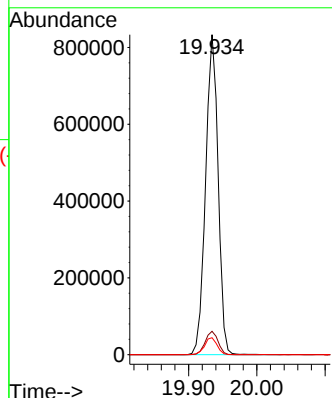
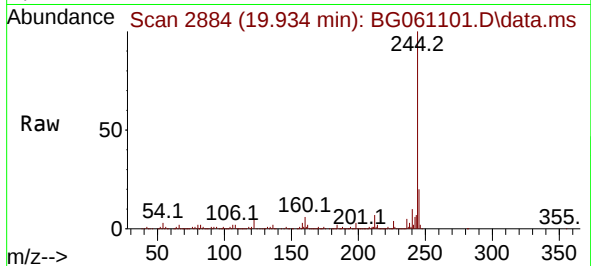




#79
 Terphenyl-d14
 Concen: 90.020 ng
 RT: 19.934 min Scan# 2884
 Delta R.T. -0.019 min
 Lab File: BG061101.D
 Acq: 3 May 2024 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB160665BL

Tgt Ion:244 Resp: 1063162
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.3 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.693 min Scan# 3694
 Delta R.T. -0.037 min
 Lab File: BG061101.D
 Acq: 3 May 2024 11:02

Tgt Ion:264 Resp: 218613
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.7 26.5
 265 21.6 16.4 24.6

