

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061200.D
 Acq On : 15 May 2024 10:40
 Operator : MA/JU
 Sample : PB160903BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160903BL

Quant Time: May 15 11:24:42 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	7.930	152	17196	20.000	ng	#-0.03
21) Naphthalene-d8	10.721	136	63380	20.000	ng	-0.04
39) Acenaphthene-d10	14.557	164	53496	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	153440	20.000	ng	#-0.03
76) Chrysene-d12	21.567	240	169460	20.000	ng	#-0.03
86) Perylene-d12	24.693	264	194042	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	136374	161.287	ng	-0.03
7) Phenol-d6	7.107	99	183944	147.059	ng	-0.03
23) Nitrobenzene-d5	9.081	82	122010	95.429	ng	-0.04
42) 2,4,6-Tribromophenol	16.056	330	155461	145.387	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	334368	92.425	ng	-0.03
79) Terphenyl-d14	19.928	244	958622	94.083	ng	-0.03

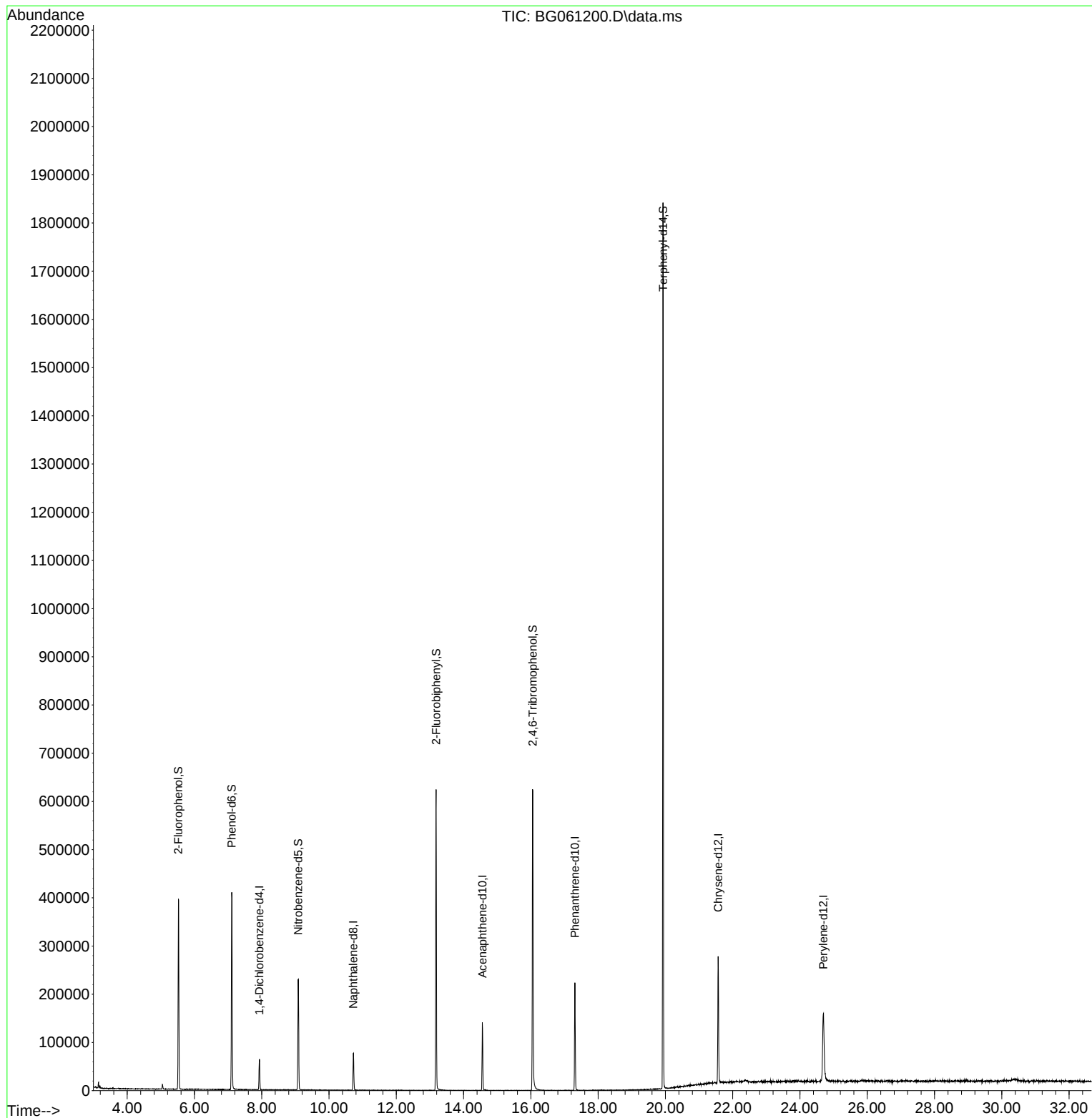
Target Compounds	Qvalue

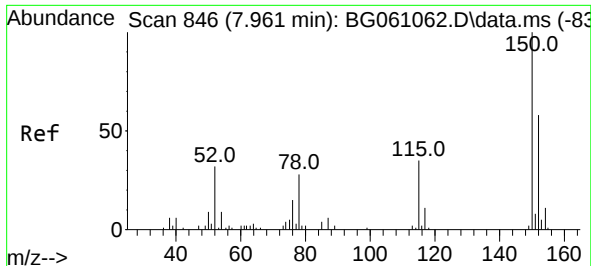
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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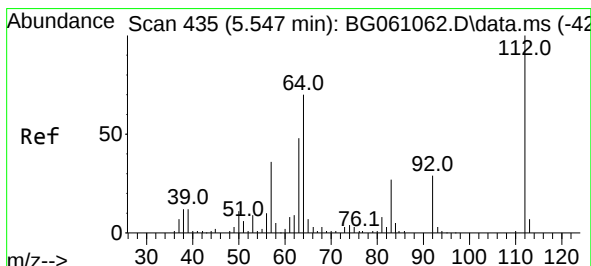
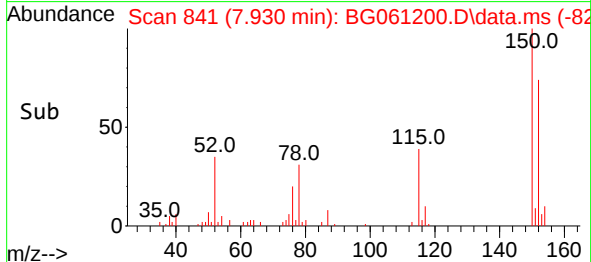
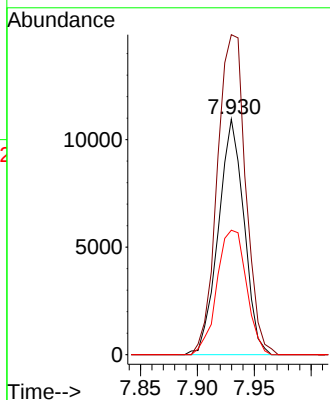
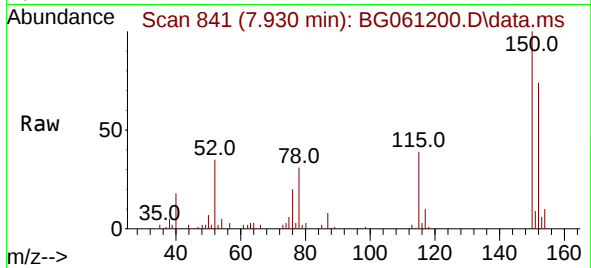




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 846
Delta R.T. -0.031 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

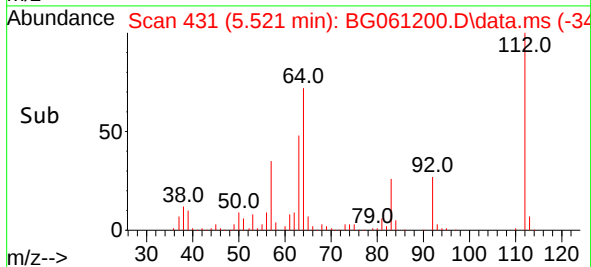
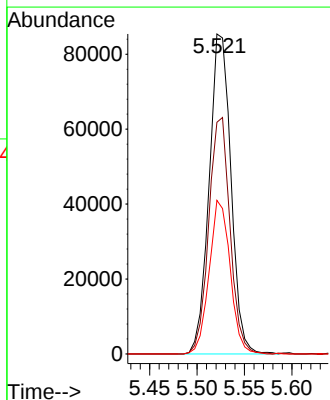
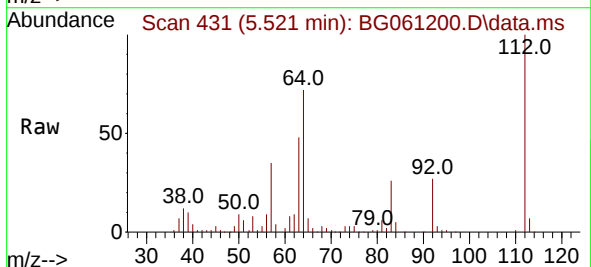
Instrument :
BNA_G
ClientSampleId :
PB160903BL

Tgt Ion:152 Resp: 17196
Ion Ratio Lower Upper
152 100
150 135.9 138.3 207.5#
115 52.9 48.0 72.0



#5
2-Fluorophenol
Concen: 161.287 ng
RT: 5.521 min Scan# 431
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Tgt Ion:112 Resp: 136374
Ion Ratio Lower Upper
112 100
64 72.4 55.7 83.5
63 48.0 38.1 57.1

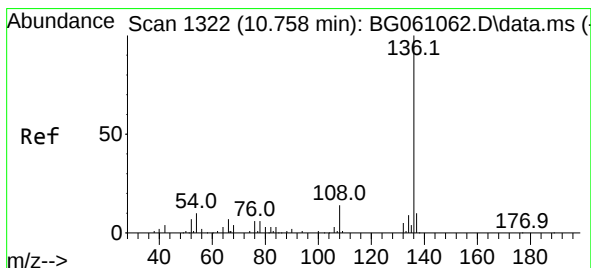
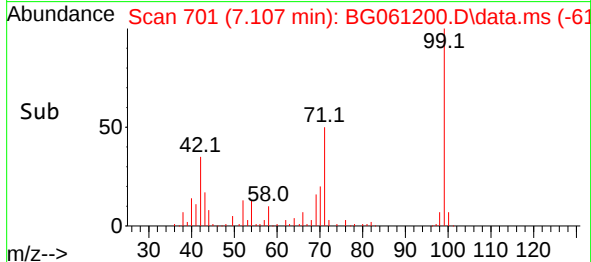
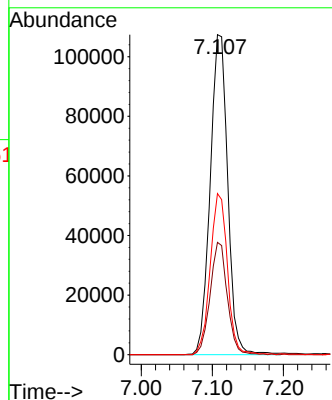
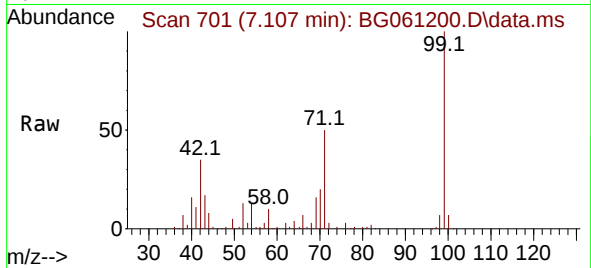




#7
Phenol-d6
Concen: 147.059 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

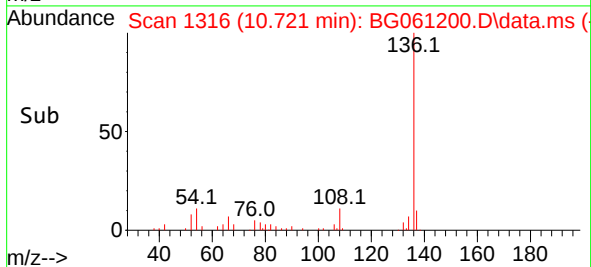
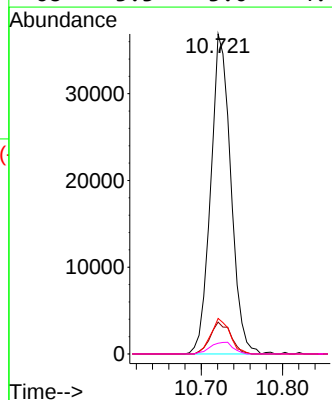
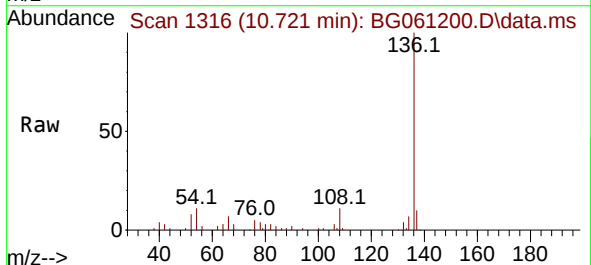
Instrument :
BNA_G
ClientSampleId :
PB160903BL

Tgt Ion: 99 Resp: 183944
Ion Ratio Lower Upper
99 100
42 35.1 29.2 43.8
71 50.4 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1316
Delta R.T. -0.037 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Tgt Ion:136 Resp: 63380
Ion Ratio Lower Upper
136 100
137 10.0 7.8 11.6
54 11.1 8.1 12.1
68 3.3 3.0 4.4





#23

Nitrobenzene-d5

Concen: 95.429 ng

RT: 9.081 min Scan# 1037

Delta R.T. -0.037 min

Lab File: BG061200.D

Acq: 15 May 2024 10:40

Instrument :

BNA_G

ClientSampleId :

PB160903BL

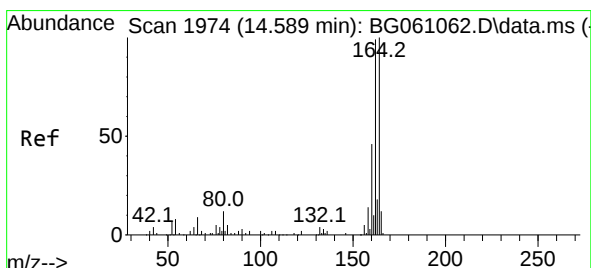
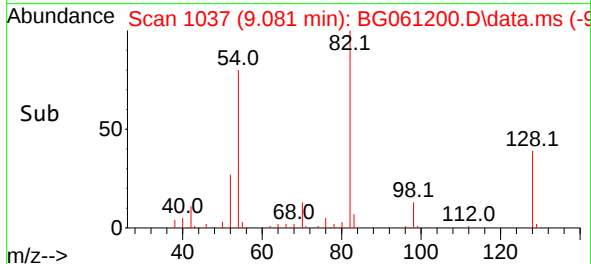
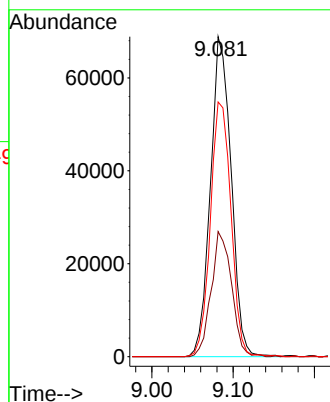
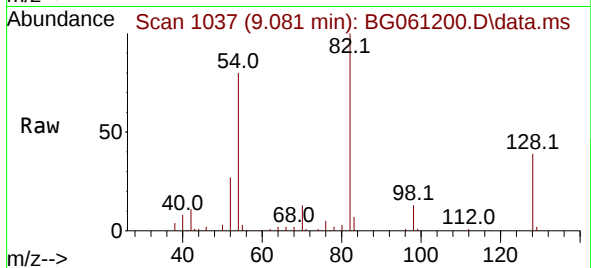
Tgt Ion: 82 Resp: 122010

Ion Ratio Lower Upper

82 100

128 39.1 32.7 49.1

54 79.6 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: BG061200.D

Acq: 15 May 2024 10:40

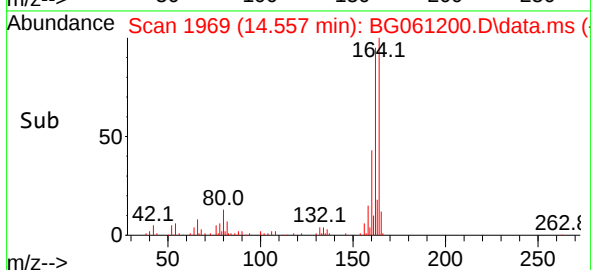
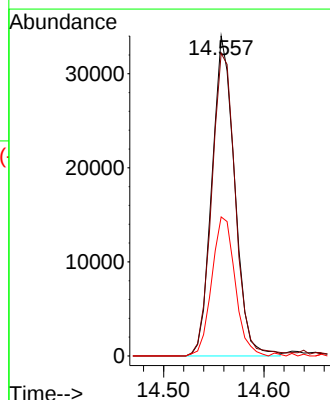
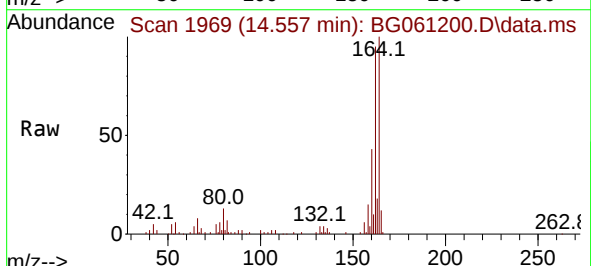
Tgt Ion:164 Resp: 53496

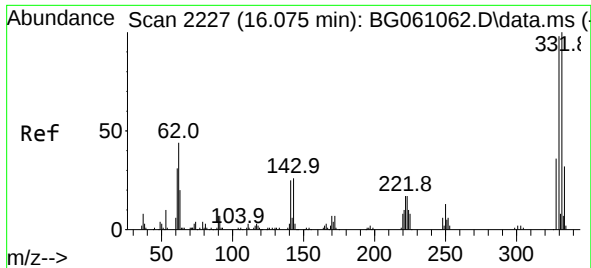
Ion Ratio Lower Upper

164 100

162 94.6 79.4 119.2

160 43.5 37.0 55.6

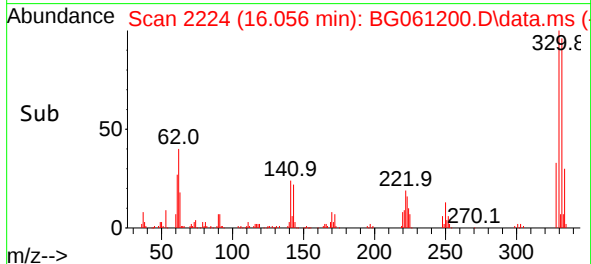
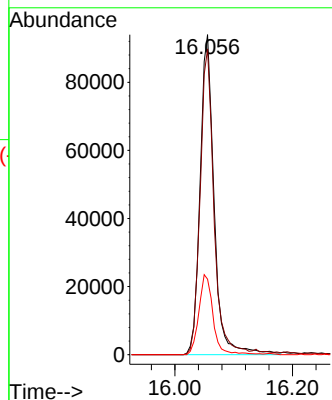
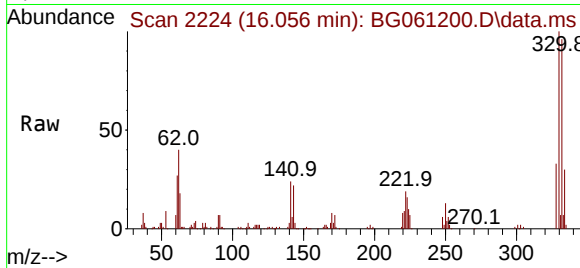




#42
2,4,6-Tribromophenol
Concen: 145.387 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

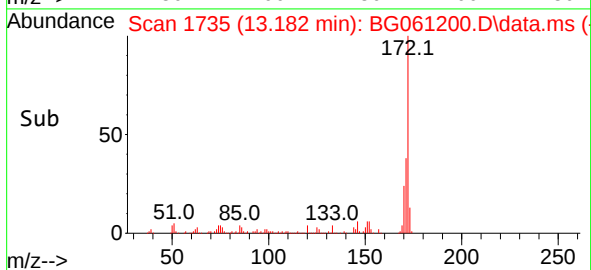
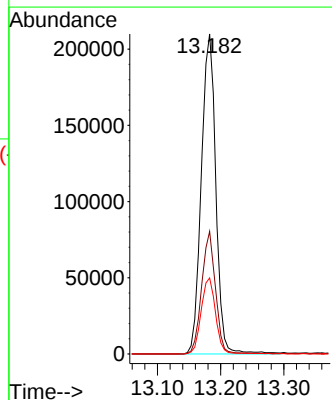
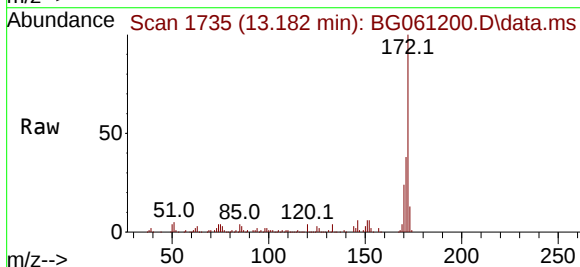
Instrument :
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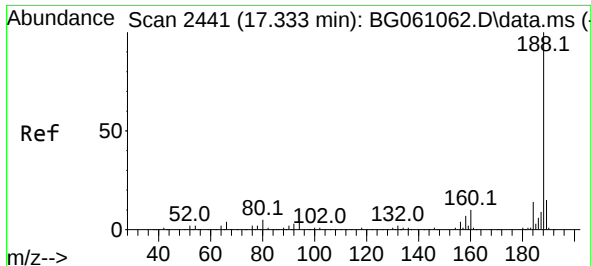
Tgt Ion:330 Resp: 155461
Ion Ratio Lower Upper
330 100
332 93.9 78.6 117.8
141 25.4 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 92.425 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Tgt Ion:172 Resp: 334368
Ion Ratio Lower Upper
172 100
171 38.3 29.0 43.6
170 23.8 20.2 30.4

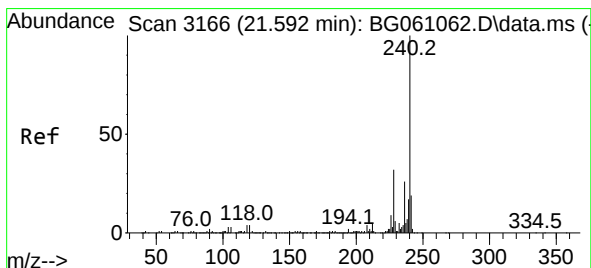
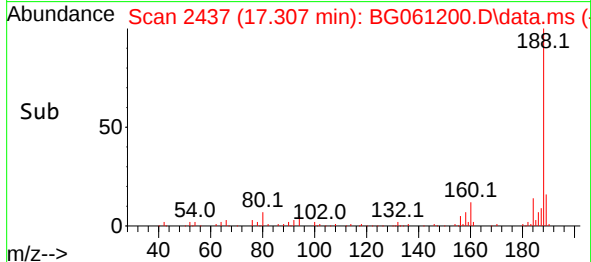
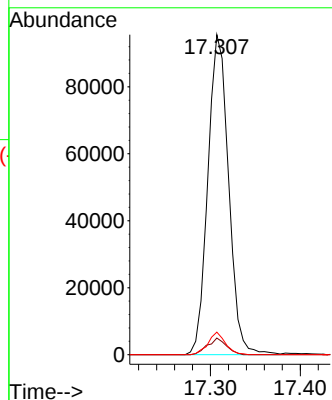
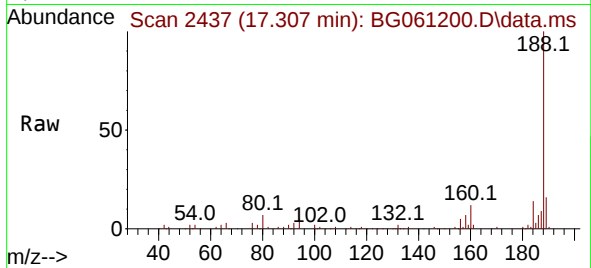




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

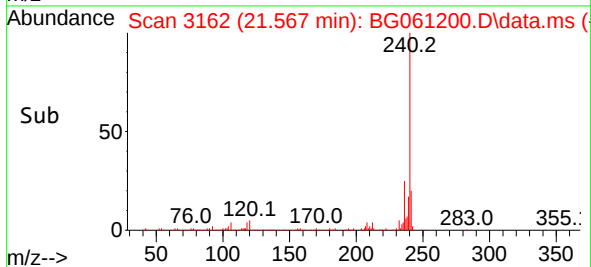
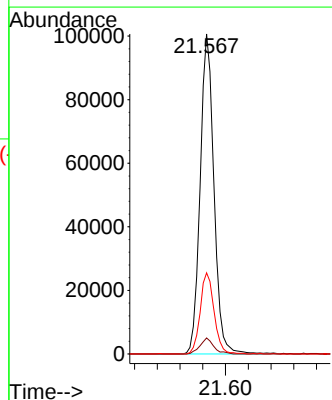
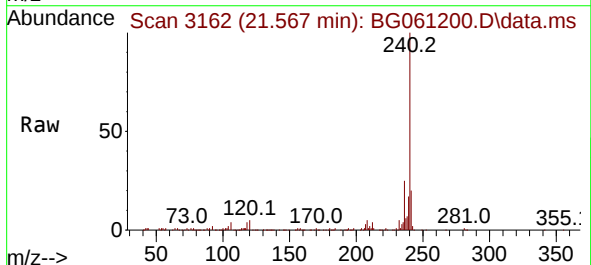
Instrument :
BNA_G
ClientSampleId :
PB160903BL

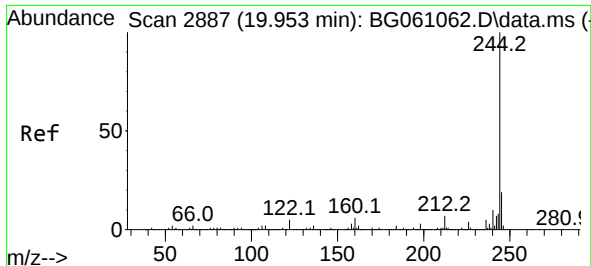
Tgt Ion:188 Resp: 153440
Ion Ratio Lower Upper
188 100
94 5.2 3.6 5.4
80 7.0 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Tgt Ion:240 Resp: 169460
Ion Ratio Lower Upper
240 100
120 5.0 3.2 4.8#
236 25.4 21.0 31.6

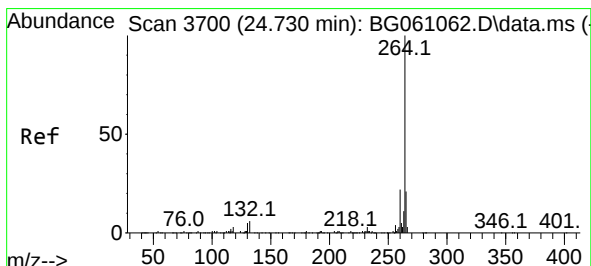
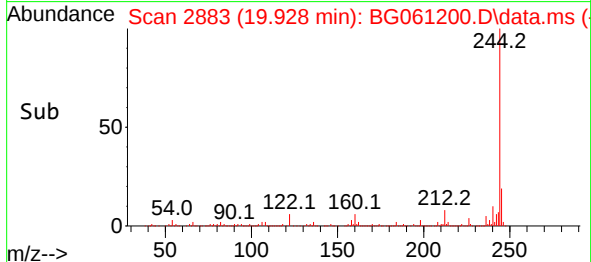
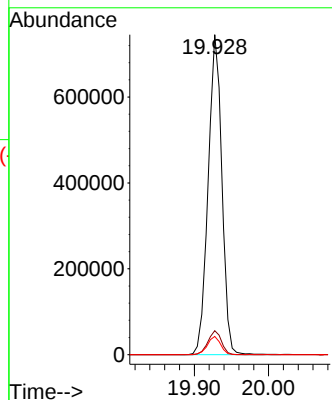
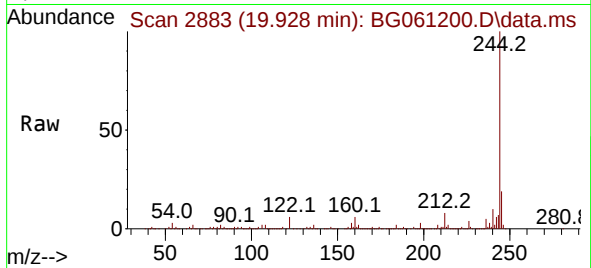




#79
 Terphenyl-d14
 Concen: 94.083 ng
 RT: 19.928 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BG061200.D
 Acq: 15 May 2024 10:40

Instrument :
 BNA_G
 ClientSampleId :
 PB160903BL

Tgt Ion:244 Resp: 958622
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.7 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: BG061200.D
 Acq: 15 May 2024 10:40

Tgt Ion:264 Resp: 194042
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.7 26.5
 265 21.9 16.4 24.6

