

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050724\
Data File : BG061130.D
Acq On : 7 May 2024 13:31
Operator : MA/JU
Sample : PB160756BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160756BL

Quant Time: May 07 14:08:13 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	7.941	152	16486	20.000	ng	-0.02
21) Naphthalene-d8	10.732	136	67903	20.000	ng	#-0.03
39) Acenaphthene-d10	14.569	164	60005	20.000	ng	-0.02
64) Phenanthrene-d10	17.318	188	174566	20.000	ng	-0.01
76) Chrysene-d12	21.578	240	183191	20.000	ng	-0.01
86) Perylene-d12	24.704	264	208708	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	126461	156.004	ng	-0.02
7) Phenol-d6	7.113	99	162811	135.769	ng	-0.02
23) Nitrobenzene-d5	9.093	82	117010	85.423	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	159450	132.942	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	339572	83.681	ng	-0.02
79) Terphenyl-d14	19.939	244	981429	89.101	ng	-0.01

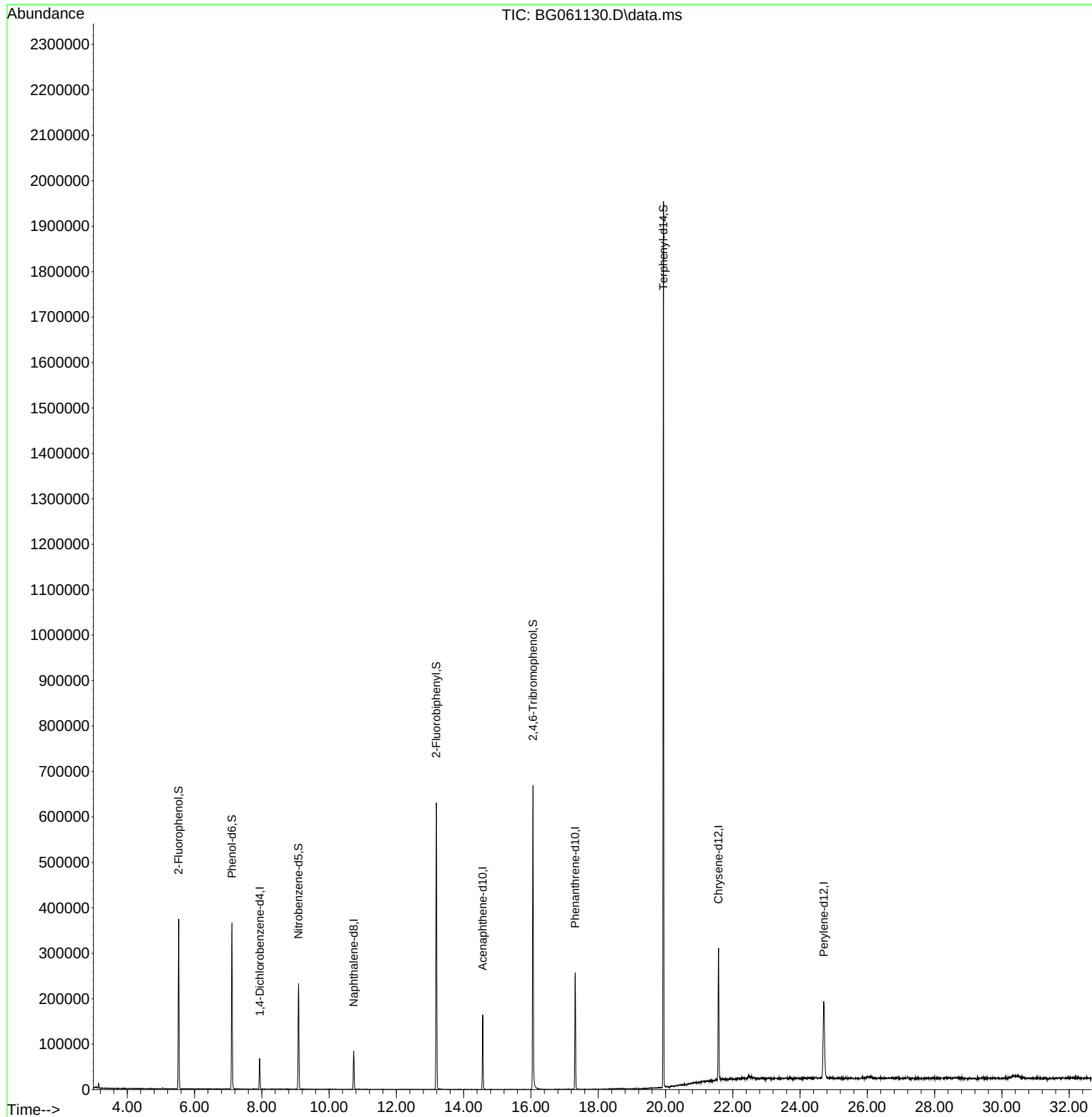
Target Compounds	Qvalue

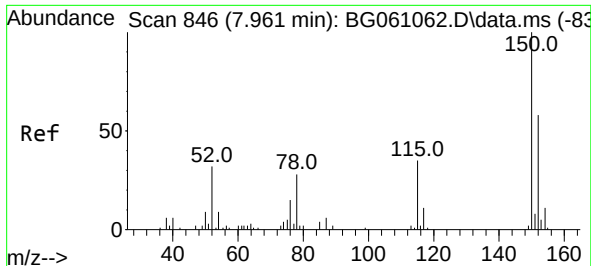
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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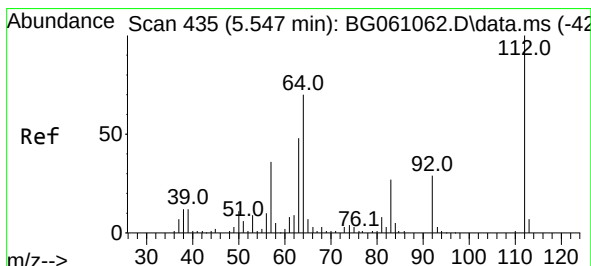
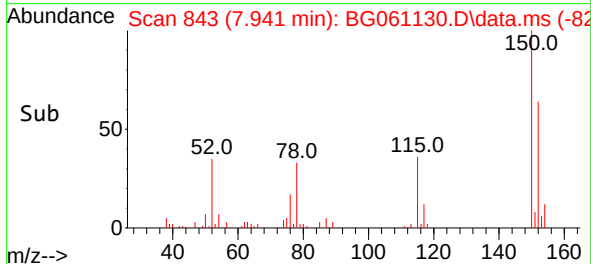
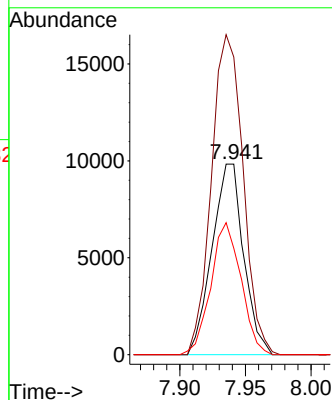
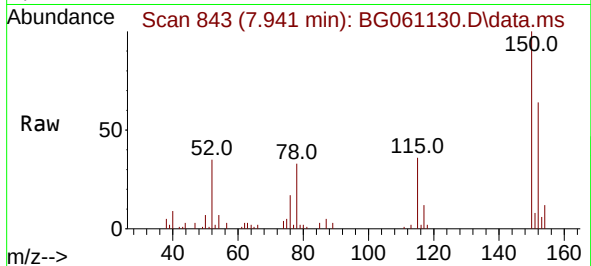




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.020 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

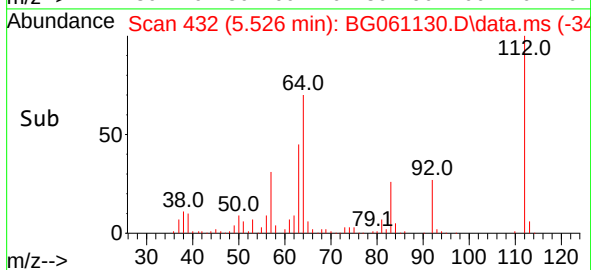
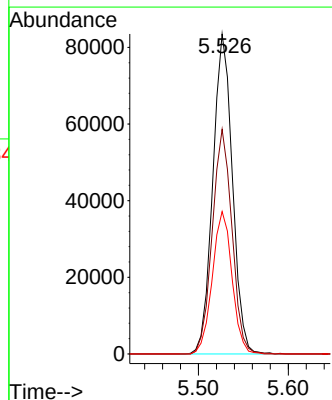
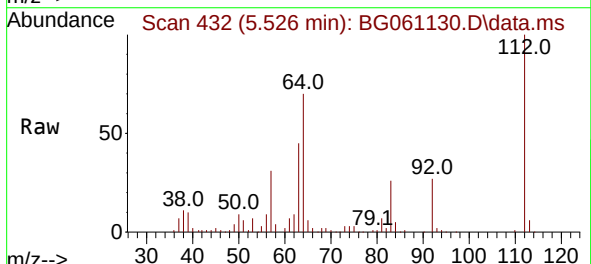
Instrument :
BNA_G
ClientSampleId :
PB160756BL

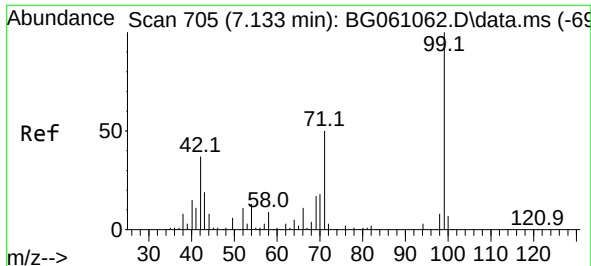
Tgt Ion:152 Resp: 16486
Ion Ratio Lower Upper
152 100
150 156.1 138.3 207.5
115 55.9 48.0 72.0



#5
2-Fluorophenol
Concen: 156.004 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Tgt Ion:112 Resp: 126461
Ion Ratio Lower Upper
112 100
64 70.2 55.7 83.5
63 44.5 38.1 57.1

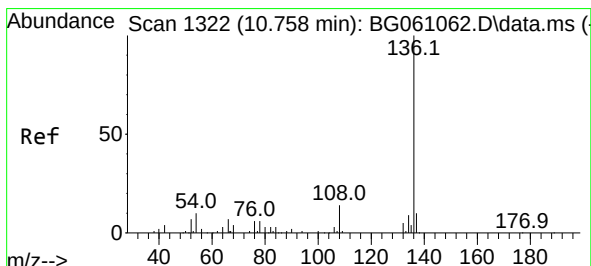
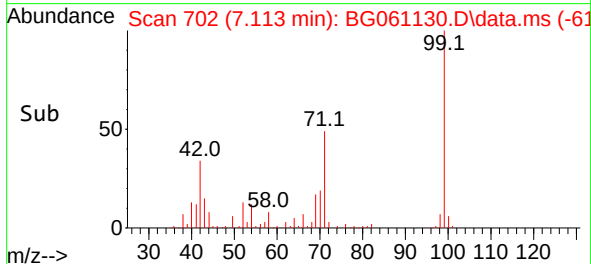
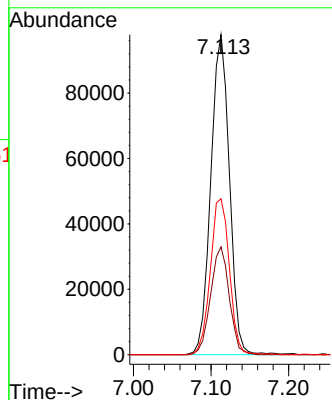
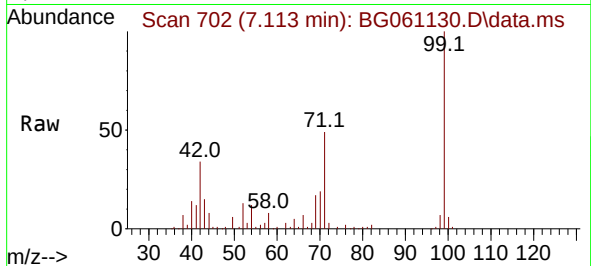




#7
Phenol-d6
Concen: 135.769 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

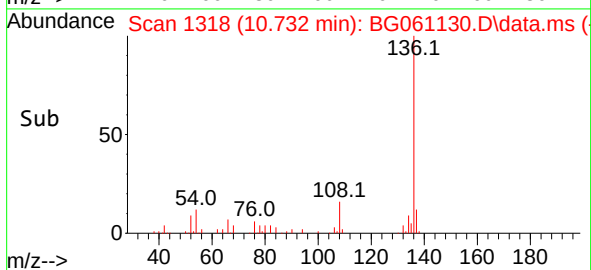
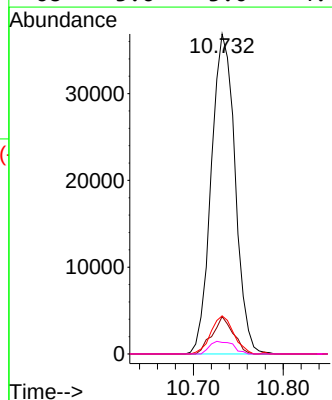
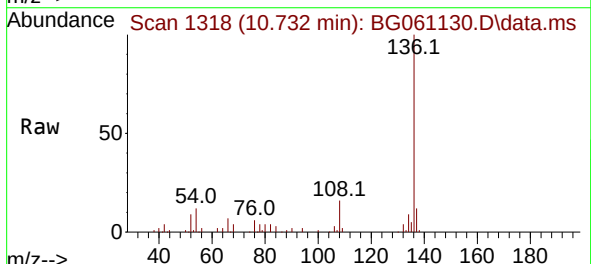
Instrument :
BNA_G
ClientSampleId :
PB160756BL

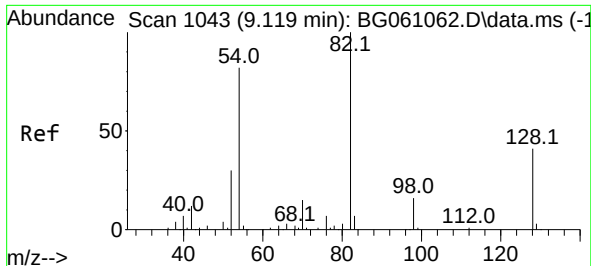
Tgt Ion: 99 Resp: 162811
Ion Ratio Lower Upper
99 100
42 33.7 29.2 43.8
71 48.7 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1318
Delta R.T. -0.026 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Tgt Ion:136 Resp: 67903
Ion Ratio Lower Upper
136 100
137 11.7 7.8 11.6#
54 11.9 8.1 12.1
68 3.6 3.0 4.4





#23

Nitrobenzene-d5

Concen: 85.423 ng

RT: 9.093 min Scan# 1043

Delta R.T. -0.026 min

Lab File: BG061130.D

Acq: 7 May 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB160756BL

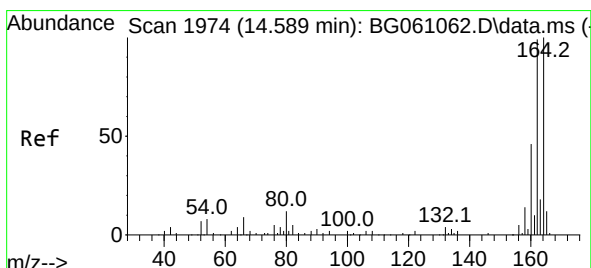
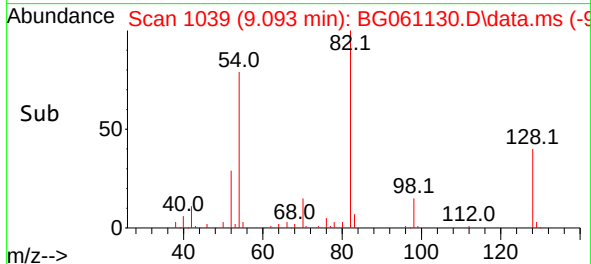
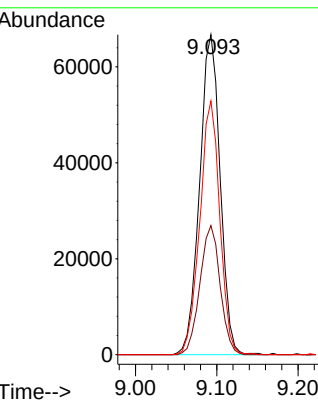
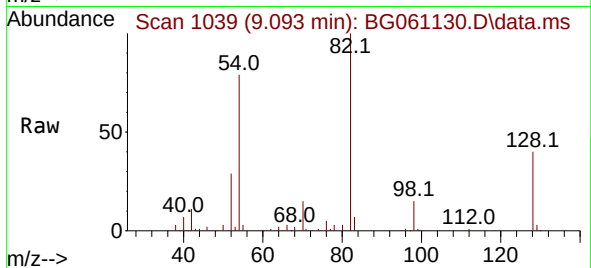
Tgt Ion: 82 Resp: 117010

Ion Ratio Lower Upper

82 100

128 40.3 32.7 49.1

54 79.3 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1971

Delta R.T. -0.020 min

Lab File: BG061130.D

Acq: 7 May 2024 13:31

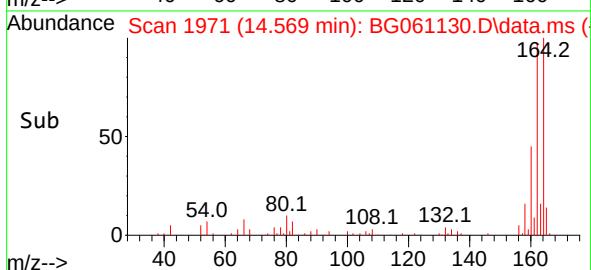
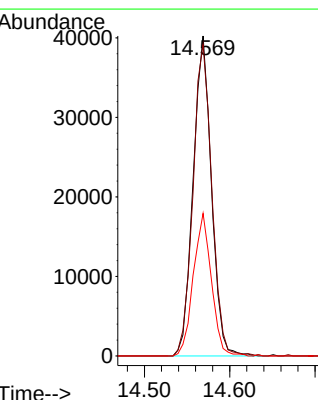
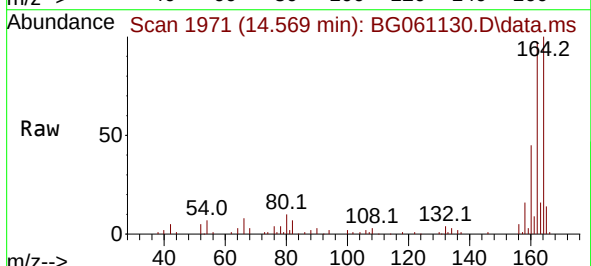
Tgt Ion:164 Resp: 60005

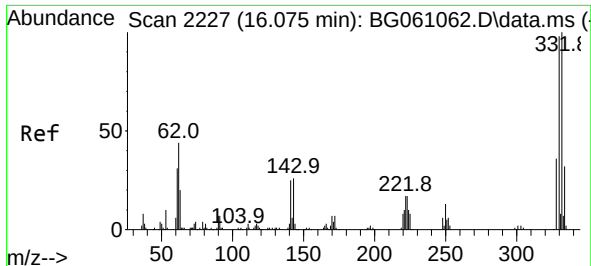
Ion Ratio Lower Upper

164 100

162 97.4 79.4 119.2

160 44.6 37.0 55.6

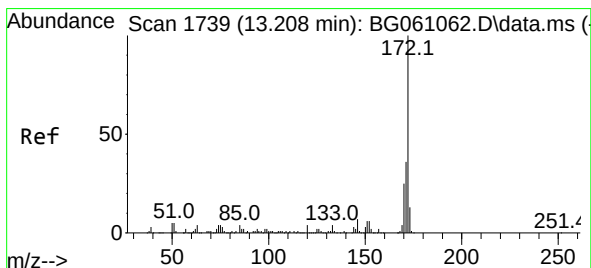
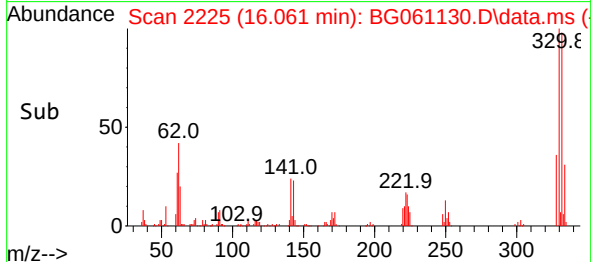
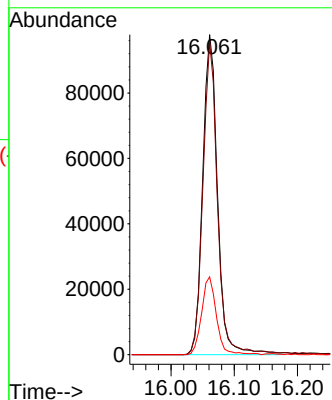
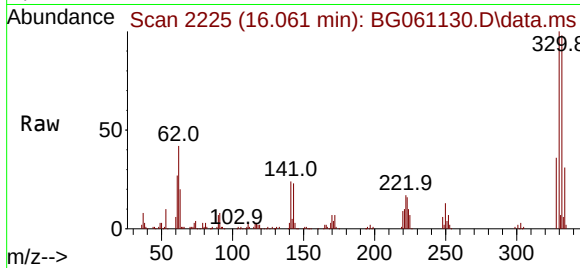




#42
2,4,6-Tribromophenol
Concen: 132.942 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

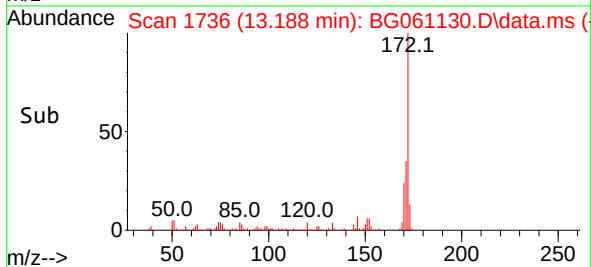
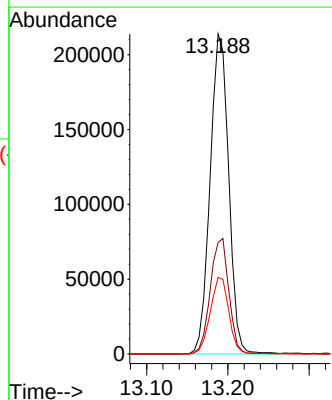
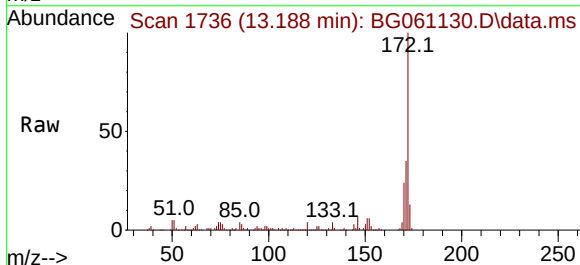
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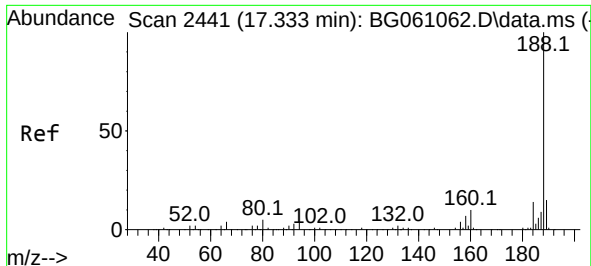
Tgt Ion:330 Resp: 159450
Ion Ratio Lower Upper
330 100
332 96.1 78.6 117.8
141 24.2 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 83.681 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Tgt Ion:172 Resp: 339572
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.6
170 23.9 20.2 30.4

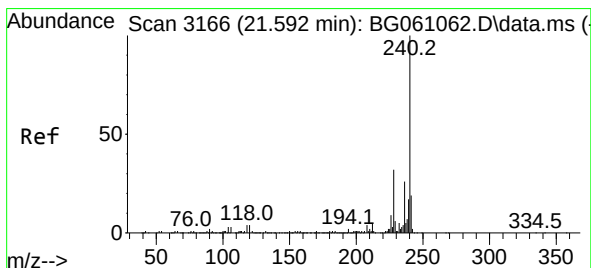
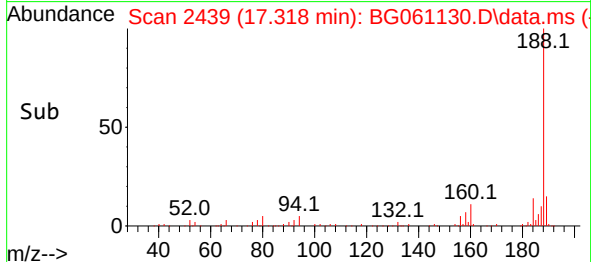
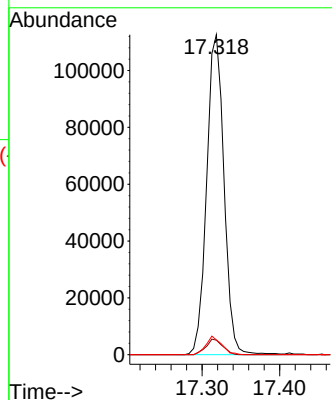
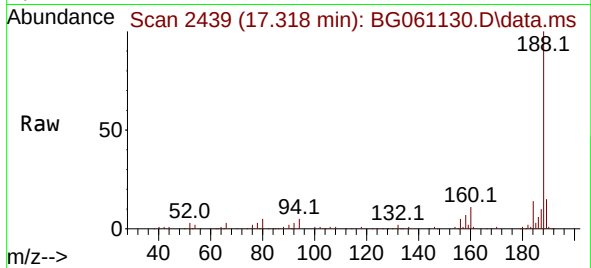




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2441
Delta R.T. -0.014 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

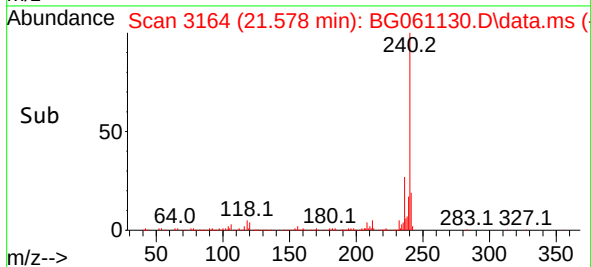
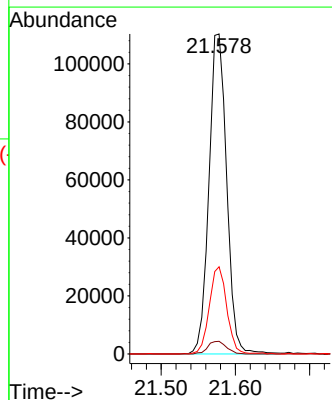
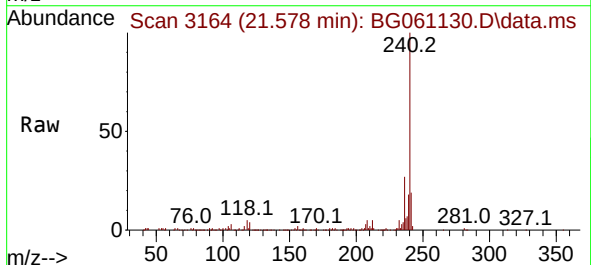
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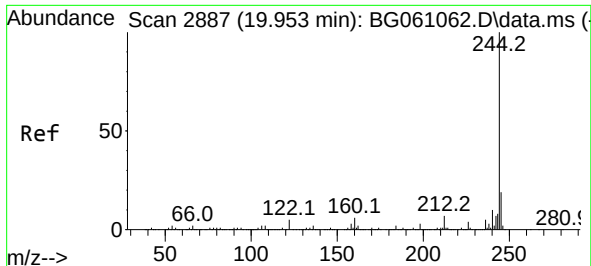
Tgt Ion:188 Resp: 174566
Ion Ratio Lower Upper
188 100
94 4.6 3.6 5.4
80 4.6 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.014 min
Lab File: BG061130.D
Acq: 7 May 2024 13:31

Tgt Ion:240 Resp: 183191
Ion Ratio Lower Upper
240 100
120 3.9 3.2 4.8
236 27.2 21.0 31.6

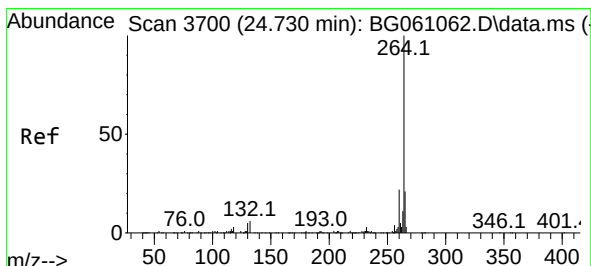
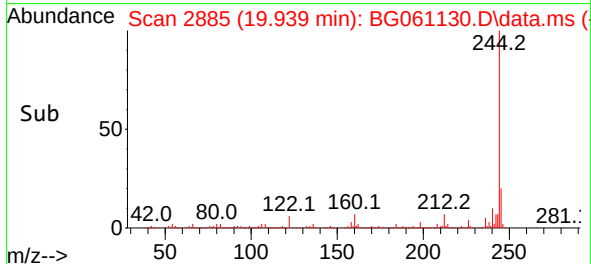
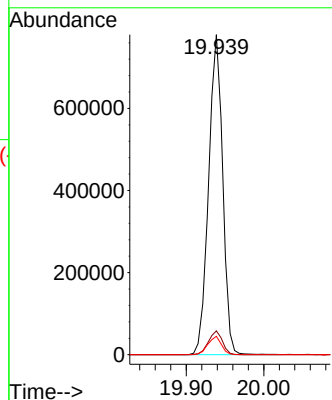
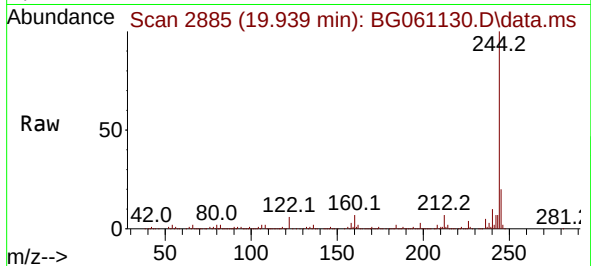




#79
 Terphenyl-d14
 Concen: 89.101 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG061130.D
 Acq: 7 May 2024 13:31

Instrument :
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Tgt Ion:244 Resp: 981429
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.8 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.704 min Scan# 3696
 Delta R.T. -0.026 min
 Lab File: BG061130.D
 Acq: 7 May 2024 13:31

Tgt Ion:264 Resp: 208708
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.7 26.5
 265 22.4 16.4 24.6

