

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
 Data File : BG061176.D
 Acq On : 13 May 2024 15:24
 Operator : MA/JU
 Sample : P2430-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS001-1224-01

Quant Time: May 13 16:22:18 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	7.929	152	20541	20.000	ng	-0.03
21) Naphthalene-d8	10.720	136	72077	20.000	ng	#-0.04
39) Acenaphthene-d10	14.557	164	56351	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	158972	20.000	ng	-0.03
76) Chrysene-d12	21.560	240	190442	20.000	ng	-0.03
86) Perylene-d12	24.686	264	216995	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	153125	151.607	ng	-0.02
7) Phenol-d6	7.112	99	155284	103.929	ng	-0.02
23) Nitrobenzene-d5	9.081	82	133528	91.836	ng	-0.04
42) 2,4,6-Tribromophenol	16.049	330	159241	141.377	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	332738	87.314	ng	-0.03
79) Terphenyl-d14	19.927	244	998191	87.173	ng	-0.03

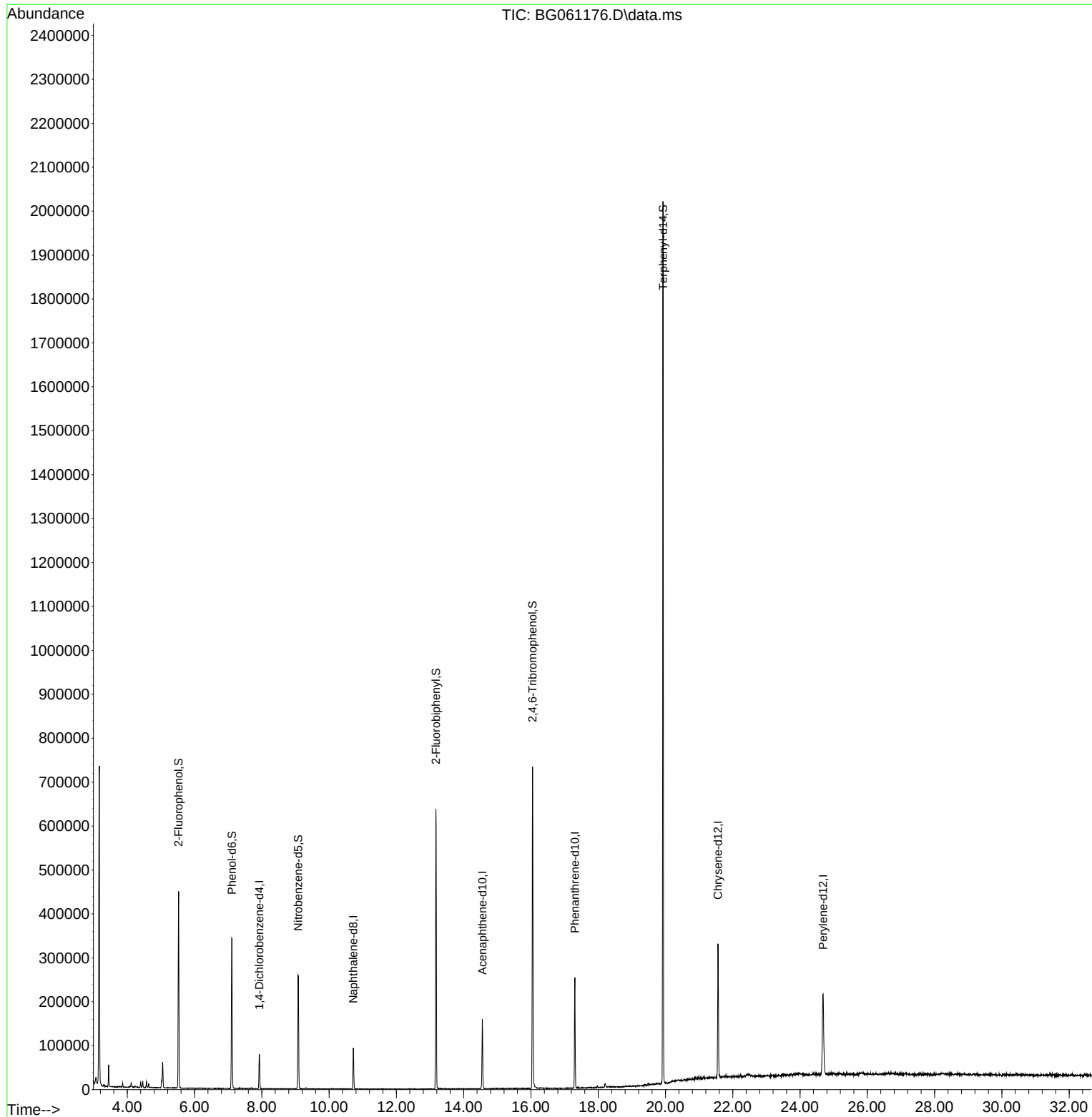
Target Compounds	Qvalue

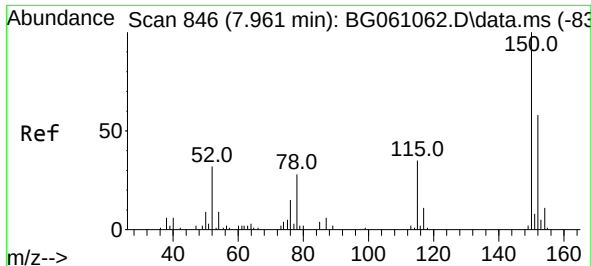
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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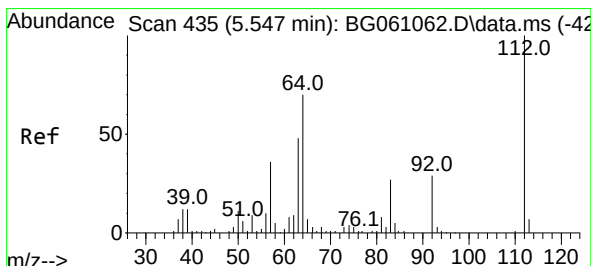
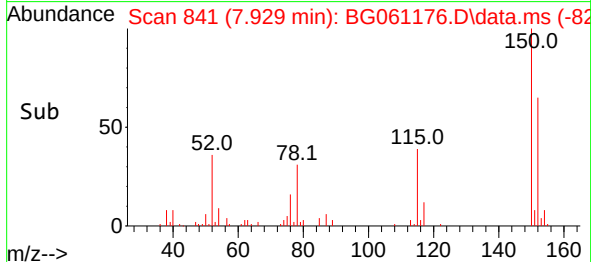
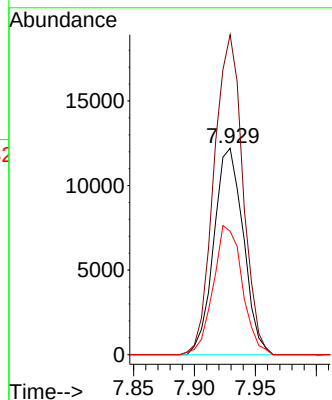
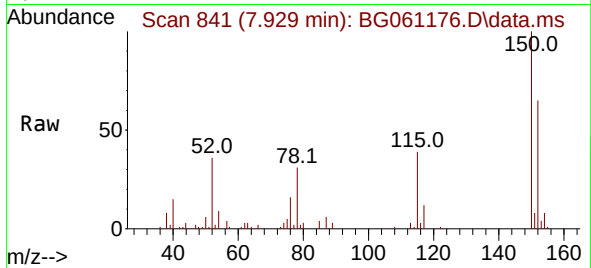




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 84
Delta R.T. -0.032 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

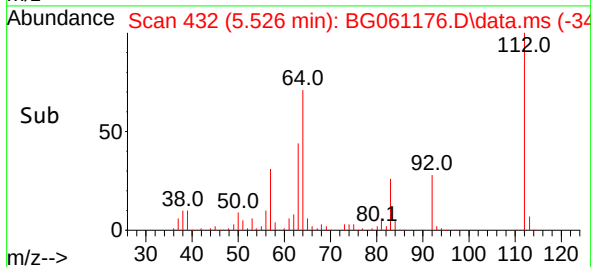
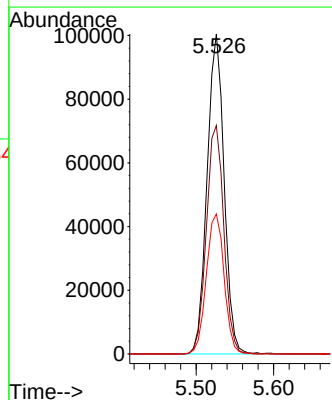
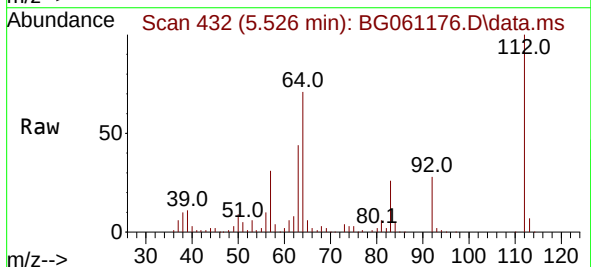
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

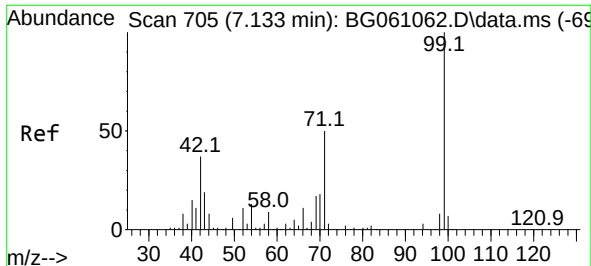
Tgt Ion:152 Resp: 20541
Ion Ratio Lower Upper
152 100
150 155.0 138.3 207.5
115 59.9 48.0 72.0



#5
2-Fluorophenol
Concen: 151.607 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Tgt Ion:112 Resp: 153125
Ion Ratio Lower Upper
112 100
64 71.4 55.7 83.5
63 43.7 38.1 57.1

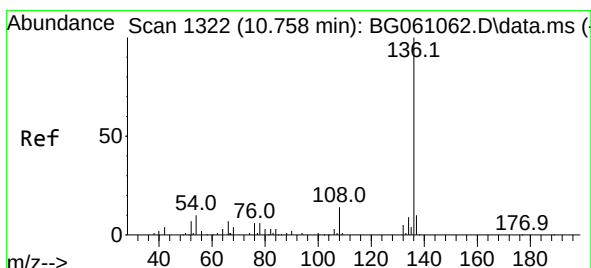
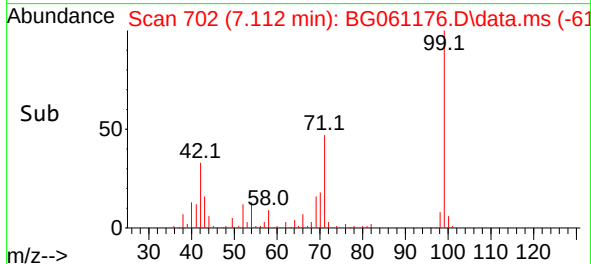
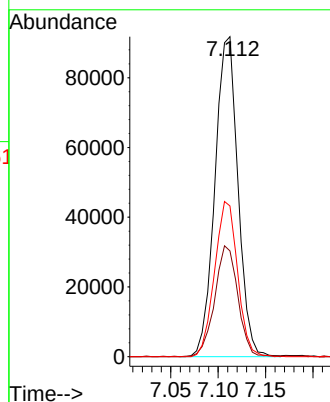
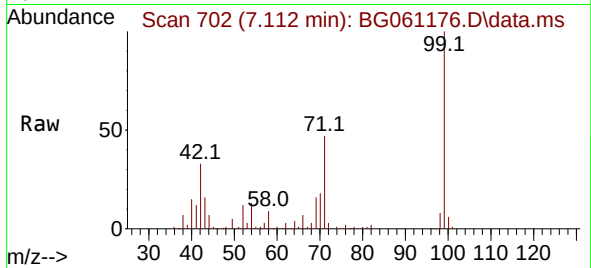




#7
Phenol-d6
Concen: 103.929 ng
RT: 7.112 min Scan# 70
Delta R.T. -0.020 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

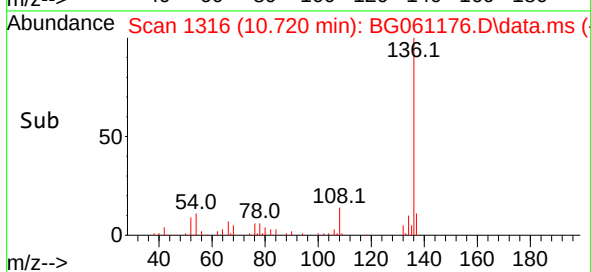
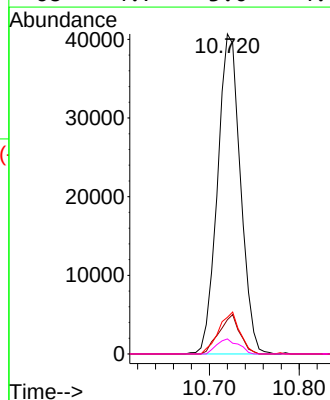
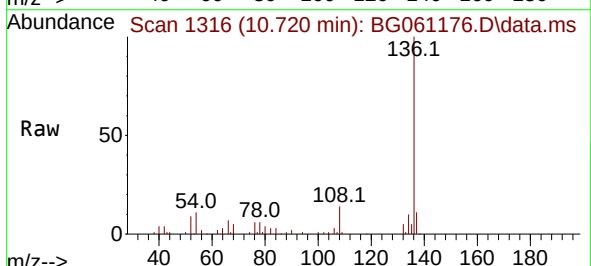
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

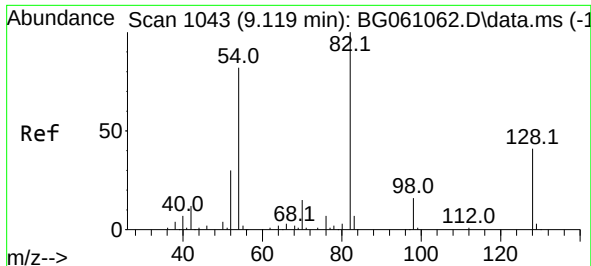
Tgt Ion: 99 Resp: 155284
Ion Ratio Lower Upper
99 100
42 33.0 29.2 43.8
71 47.1 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1316
Delta R.T. -0.038 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Tgt Ion:136 Resp: 72077
Ion Ratio Lower Upper
136 100
137 10.7 7.8 11.6
54 11.4 8.1 12.1
68 4.7 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 91.836 ng

RT: 9.081 min Scan# 1

Delta R.T. -0.038 min

Lab File: BG061176.D

Acq: 13 May 2024 15:24

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS001-1224-01

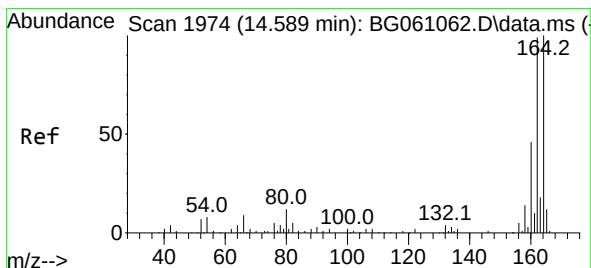
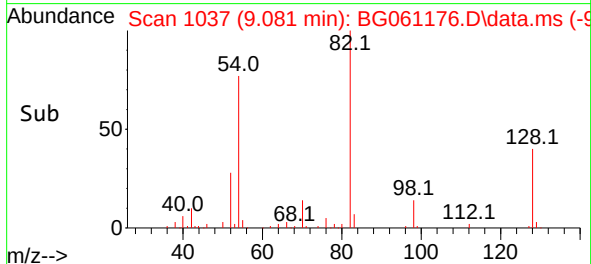
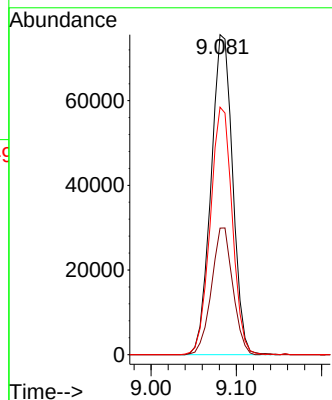
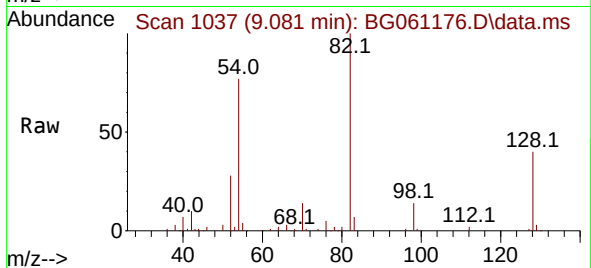
Tgt Ion: 82 Resp: 133528

Ion Ratio Lower Upper

82 100

128 39.5 32.7 49.1

54 77.3 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: BG061176.D

Acq: 13 May 2024 15:24

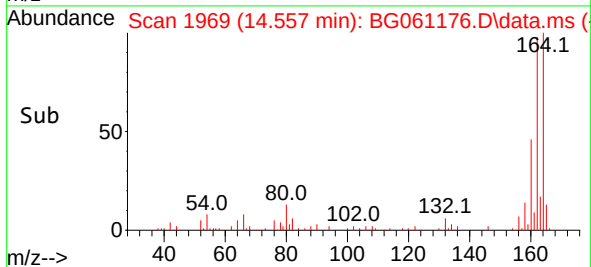
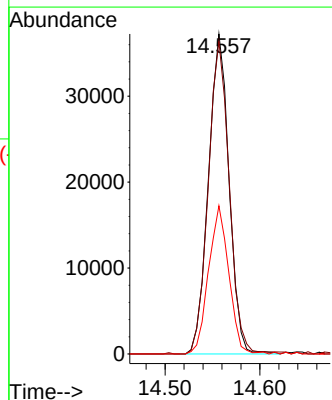
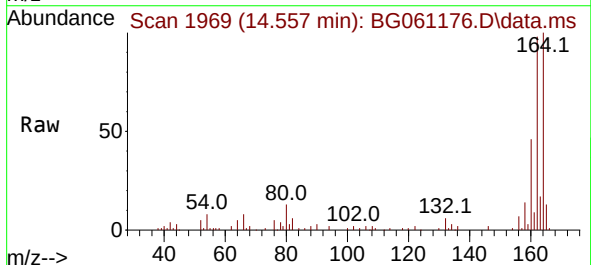
Tgt Ion:164 Resp: 56351

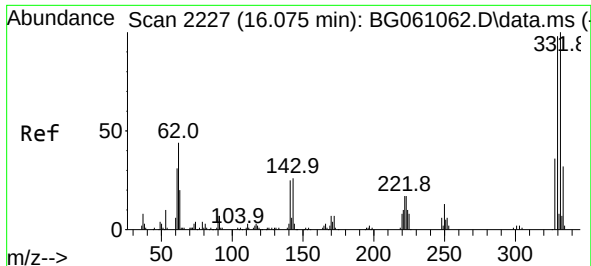
Ion Ratio Lower Upper

164 100

162 97.6 79.4 119.2

160 46.3 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 141.377 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.026 min

Lab File: BG061176.D

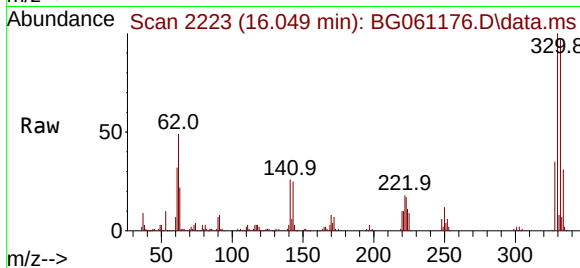
Acq: 13 May 2024 15:24

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS001-1224-01



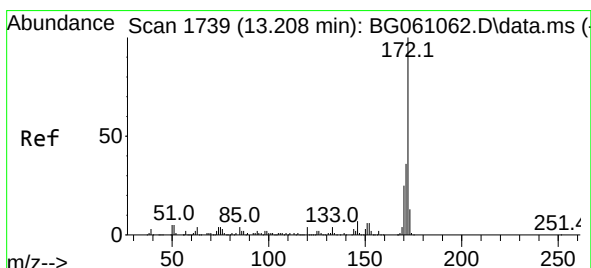
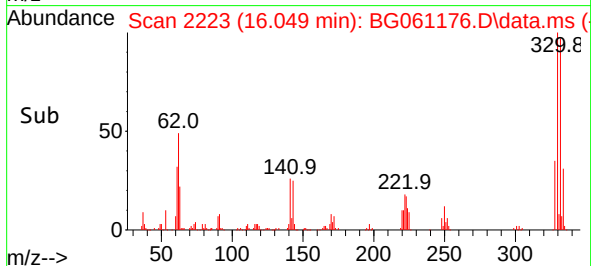
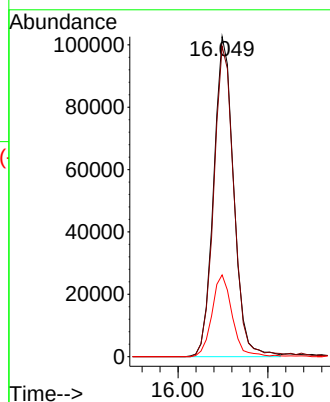
Tgt Ion:330 Resp: 159241

Ion Ratio Lower Upper

330 100

332 97.6 78.6 117.8

141 26.0 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 87.314 ng

RT: 13.176 min Scan# 1734

Delta R.T. -0.032 min

Lab File: BG061176.D

Acq: 13 May 2024 15:24

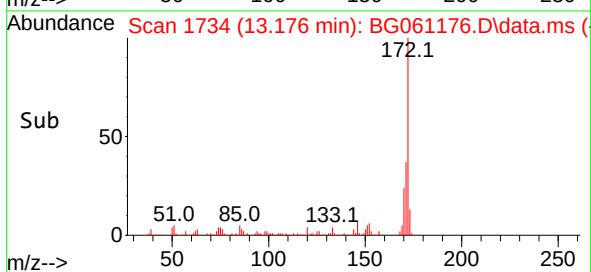
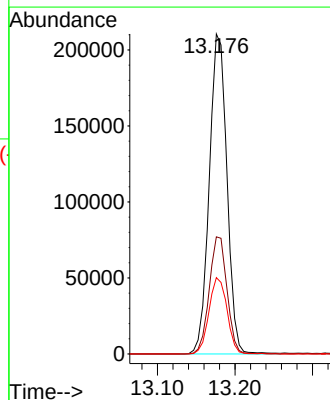
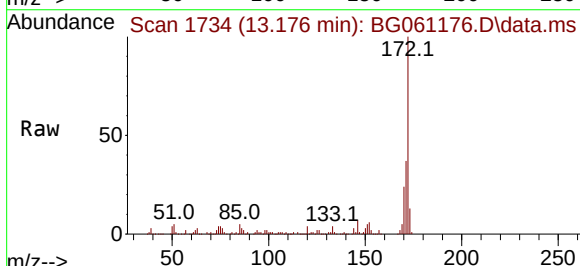
Tgt Ion:172 Resp: 332738

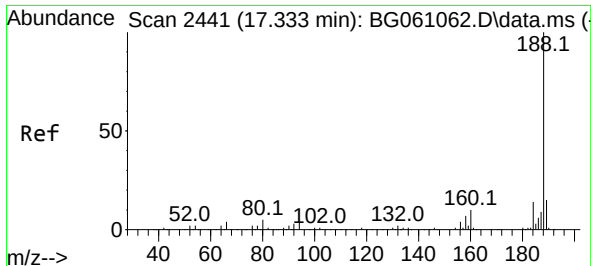
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

170 23.8 20.2 30.4

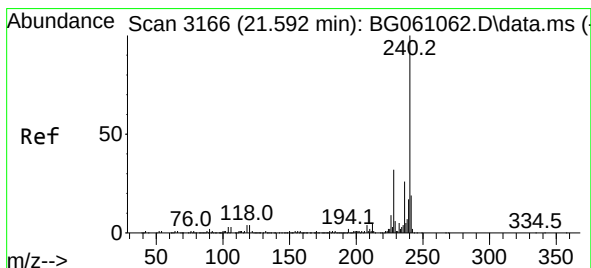
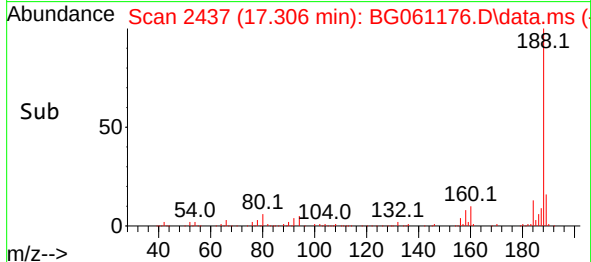
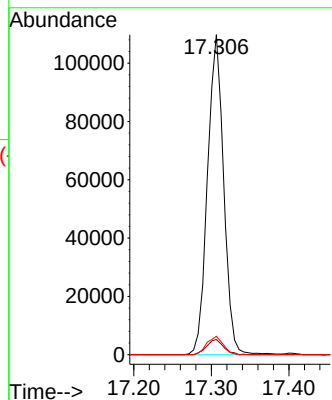
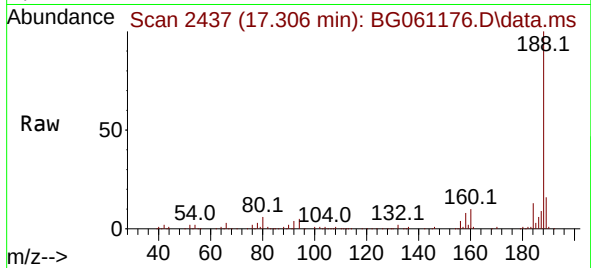




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

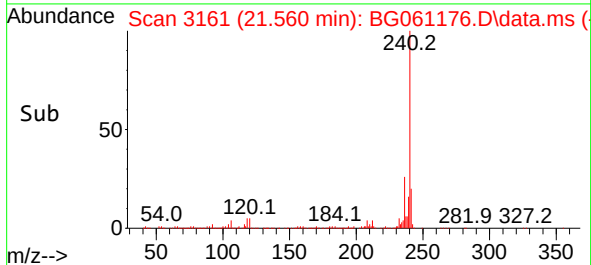
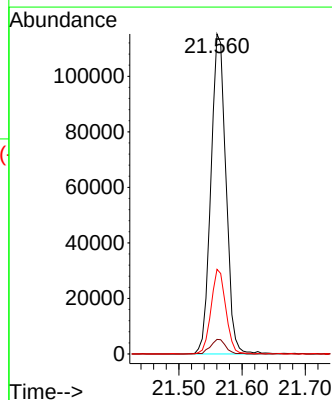
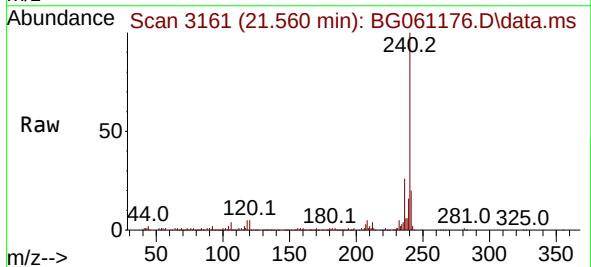
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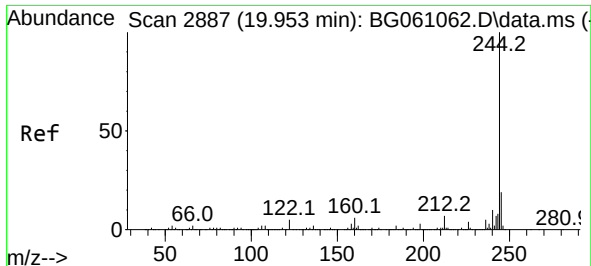
Tgt Ion:188 Resp: 158972
Ion Ratio Lower Upper
188 100
94 4.8 3.6 5.4
80 5.8 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3161
Delta R.T. -0.032 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Tgt Ion:240 Resp: 190442
Ion Ratio Lower Upper
240 100
120 4.6 3.2 4.8
236 26.4 21.0 31.6

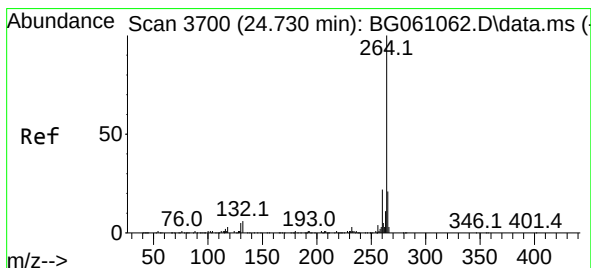
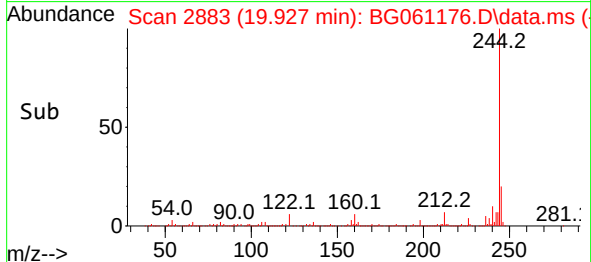
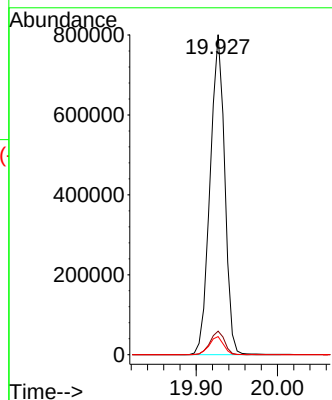
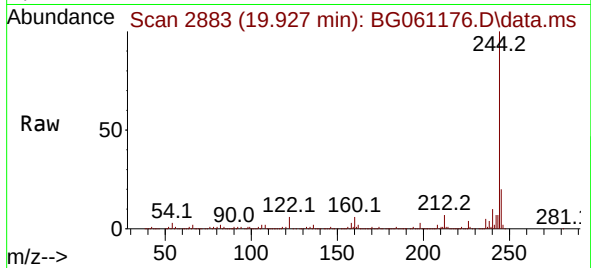




#79
 Terphenyl-d14
 Concen: 87.173 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BG061176.D
 Acq: 13 May 2024 15:24

Instrument :
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Tgt Ion:244 Resp: 998191
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.7 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.686 min Scan# 3693
 Delta R.T. -0.044 min
 Lab File: BG061176.D
 Acq: 13 May 2024 15:24

Tgt Ion:264 Resp: 216995
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.7 26.5
 265 21.6 16.4 24.6

