

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
 Data File : BG061139.D
 Acq On : 8 May 2024 12:18
 Operator : MA/JU
 Sample : PB160756BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160756BL

Quant Time: May 08 13:17:14 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	7.942	152	16801	20.000	ng	-0.02
21) Naphthalene-d8	10.733	136	66409	20.000	ng	#-0.03
39) Acenaphthene-d10	14.569	164	56901	20.000	ng	-0.02
64) Phenanthrene-d10	17.319	188	158410	20.000	ng	-0.01
76) Chrysene-d12	21.573	240	185079	20.000	ng	#-0.02
86) Perylene-d12	24.710	264	211854	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	135173	163.625	ng	-0.01
7) Phenol-d6	7.113	99	179124	146.572	ng	-0.02
23) Nitrobenzene-d5	9.093	82	123534	92.214	ng	-0.03
42) 2,4,6-Tribromophenol	16.062	330	151373	133.093	ng	-0.01
45) 2-Fluorobiphenyl	13.189	172	343510	89.270	ng	-0.02
79) Terphenyl-d14	19.939	244	990997	89.052	ng	-0.01

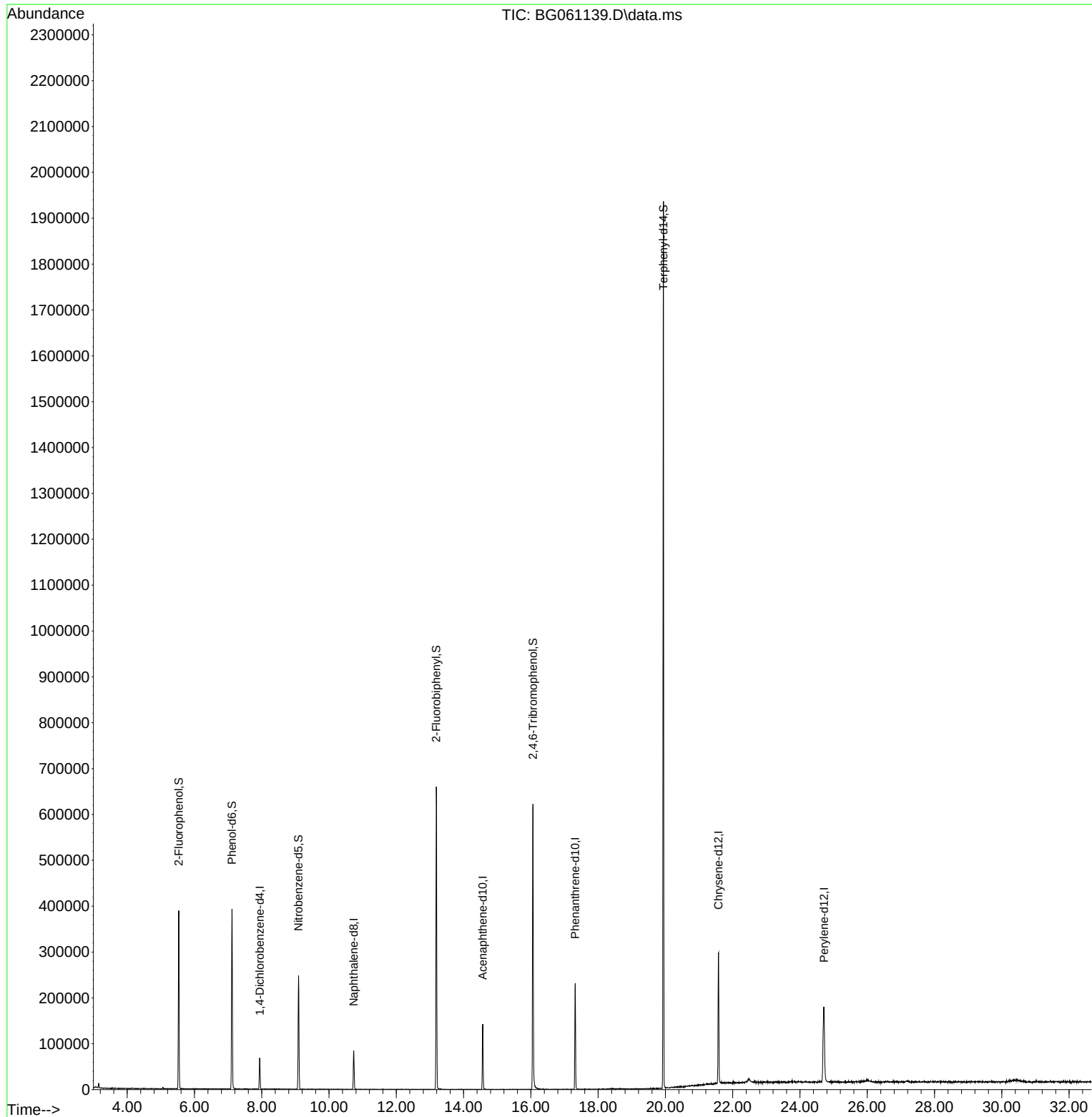
Target Compounds	Qvalue

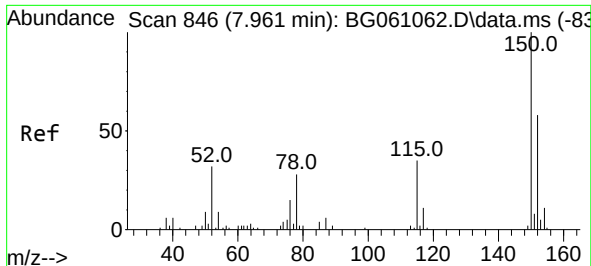
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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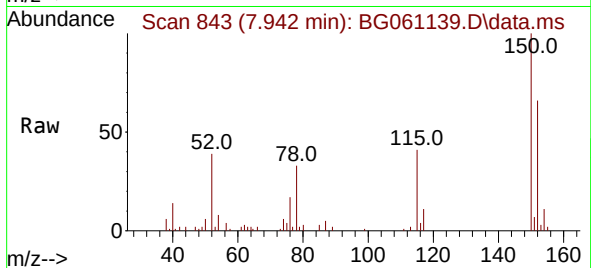
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



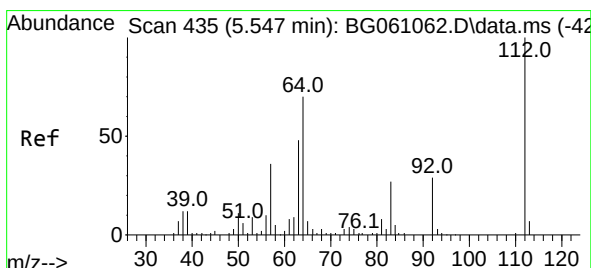
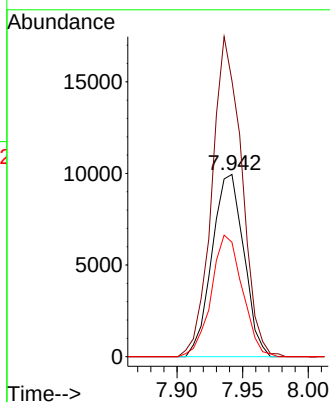
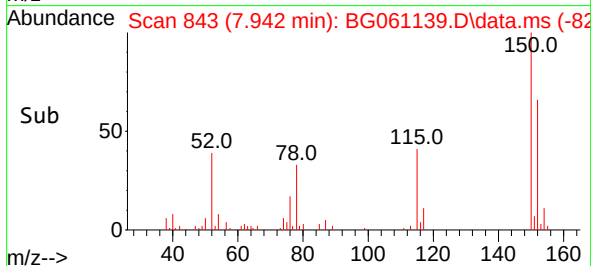


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 84
Delta R.T. -0.019 min
Lab File: BG061139.D
Acq: 8 May 2024 12:18

Instrument :
BNA_G
ClientSampleId :
PB160756BL

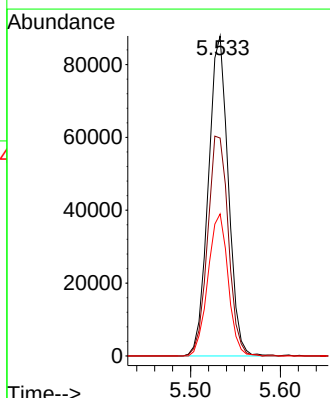
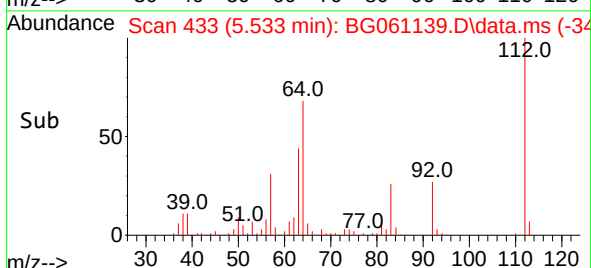
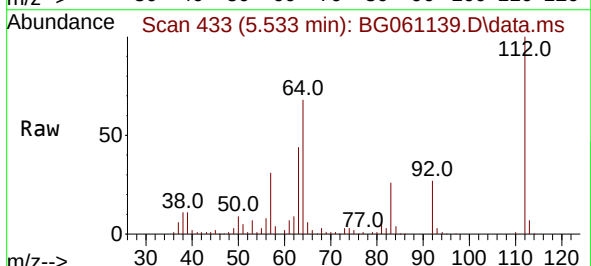


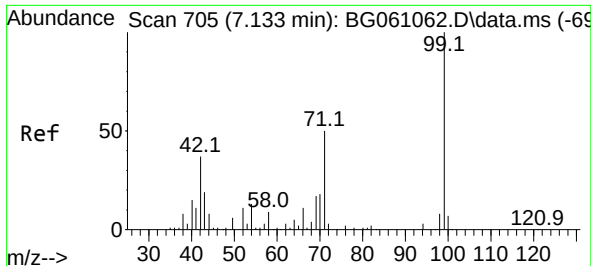
Tgt Ion:152 Resp: 16801
Ion Ratio Lower Upper
152 100
150 151.4 138.3 207.5
115 62.8 48.0 72.0



#5
2-Fluorophenol
Concen: 163.625 ng
RT: 5.533 min Scan# 433
Delta R.T. -0.014 min
Lab File: BG061139.D
Acq: 8 May 2024 12:18

Tgt Ion:112 Resp: 135173
Ion Ratio Lower Upper
112 100
64 68.1 55.7 83.5
63 44.4 38.1 57.1

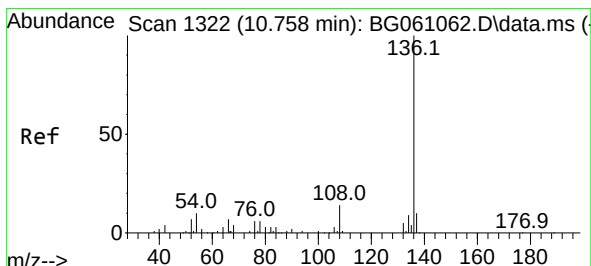
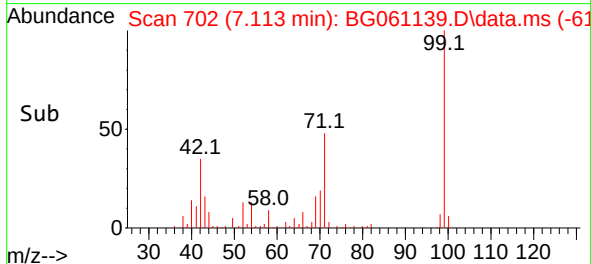
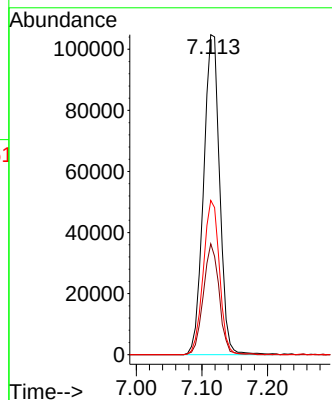
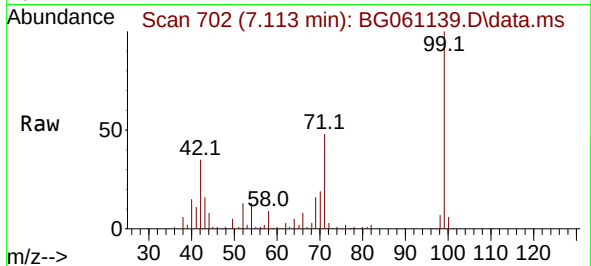




#7
Phenol-d6
Concen: 146.572 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061139.D
Acq: 8 May 2024 12:18

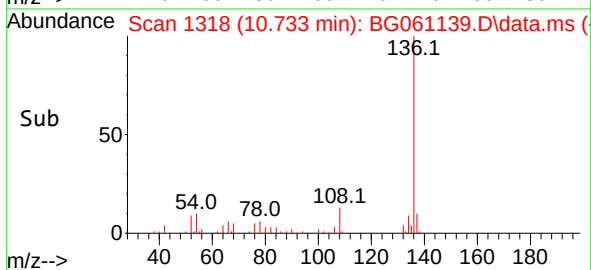
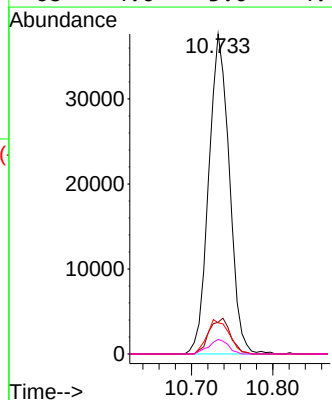
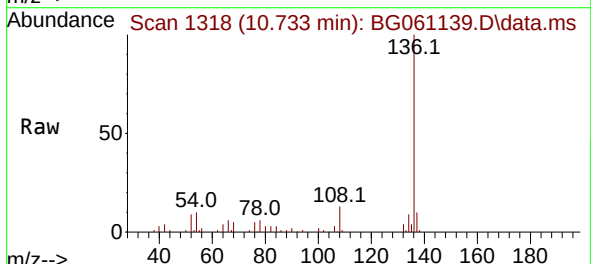
Instrument :
BNA_G
ClientSampleId :
PB160756BL

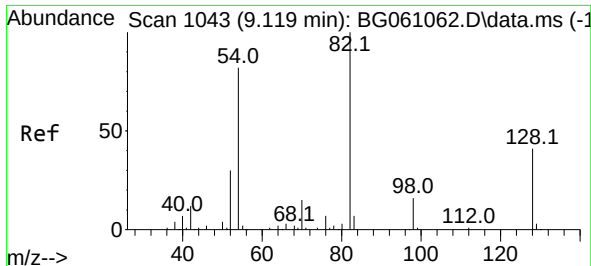
Tgt Ion: 99 Resp: 179124
Ion Ratio Lower Upper
99 100
42 34.6 29.2 43.8
71 48.2 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1318
Delta R.T. -0.025 min
Lab File: BG061139.D
Acq: 8 May 2024 12:18

Tgt Ion:136 Resp: 66409
Ion Ratio Lower Upper
136 100
137 9.9 7.8 11.6
54 9.8 8.1 12.1
68 4.6 3.0 4.4





#23

Nitrobenzene-d5

Concen: 92.214 ng

RT: 9.093 min Scan# 1043

Delta R.T. -0.025 min

Lab File: BG061139.D

Acq: 8 May 2024 12:18

Instrument :

BNA_G

ClientSampleId :

PB160756BL

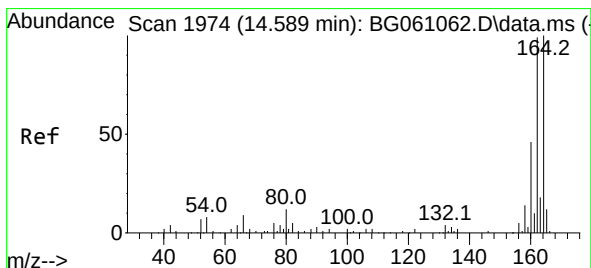
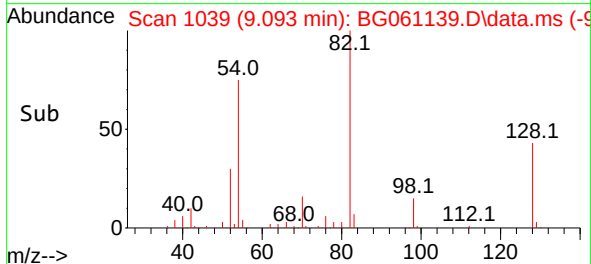
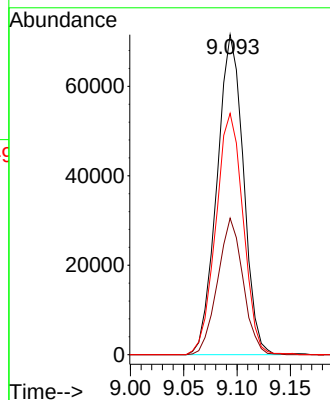
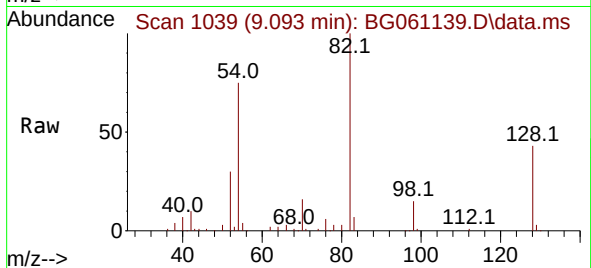
Tgt Ion: 82 Resp: 123534

Ion Ratio Lower Upper

82 100

128 42.7 32.7 49.1

54 75.4 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: BG061139.D

Acq: 8 May 2024 12:18

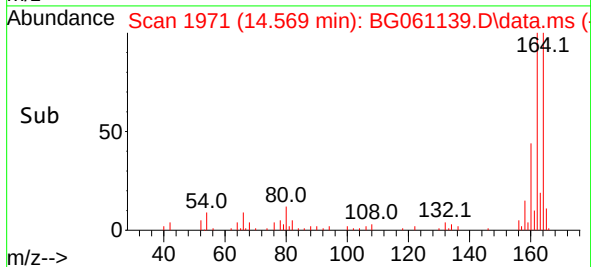
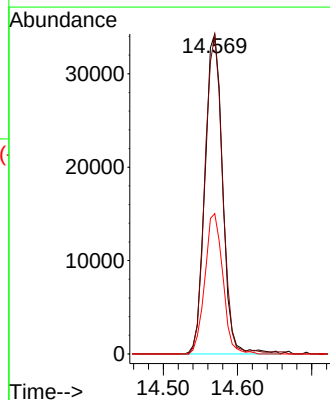
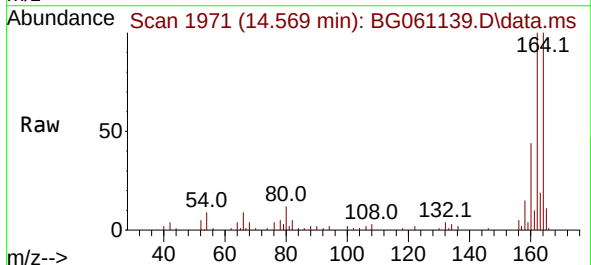
Tgt Ion:164 Resp: 56901

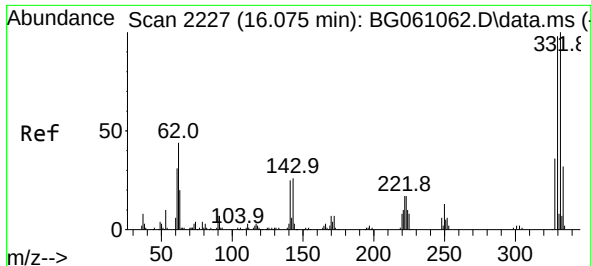
Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.2

160 43.8 37.0 55.6

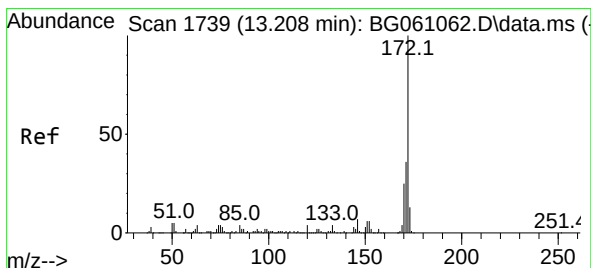
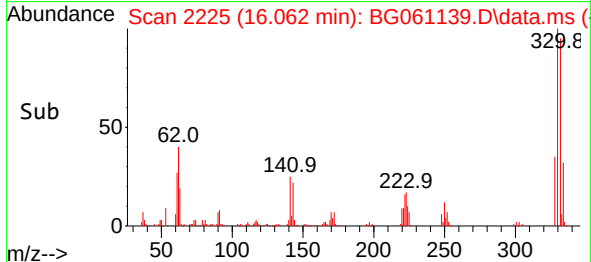
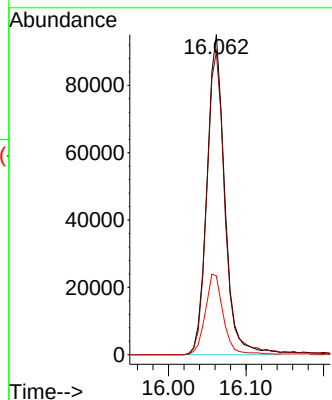
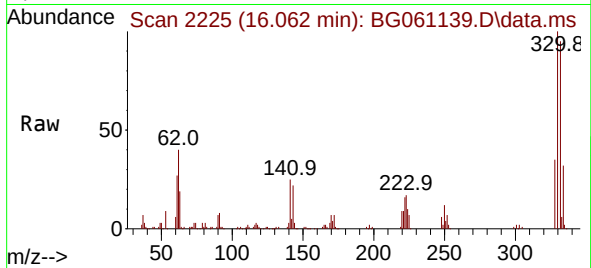




#42
2,4,6-Tribromophenol
Concen: 133.093 ng
RT: 16.062 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG061139.D
Acq: 8 May 2024 12:18

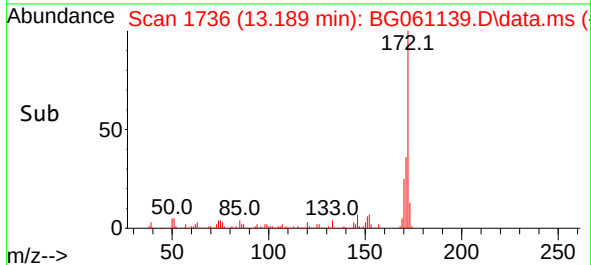
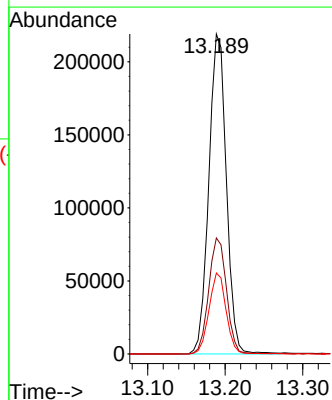
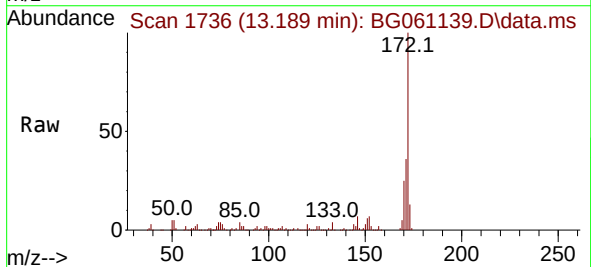
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ClientSampleId :
PB160756BL

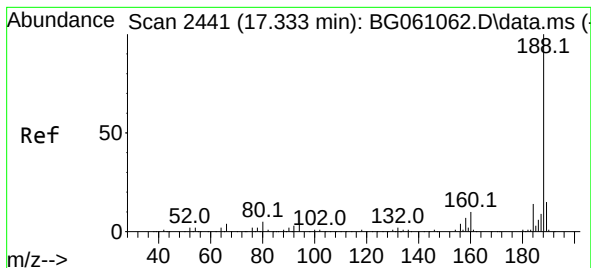
Tgt Ion:330 Resp: 151373
Ion Ratio Lower Upper
330 100
332 98.0 78.6 117.8
141 25.5 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 89.270 ng
RT: 13.189 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061139.D
Acq: 8 May 2024 12:18

Tgt Ion:172 Resp: 343510
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 25.3 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.319 min Scan# 2441

Delta R.T. -0.014 min

Lab File: BG061139.D

Acq: 8 May 2024 12:18

Instrument :

BNA_G

ClientSampleId :

PB160756BL

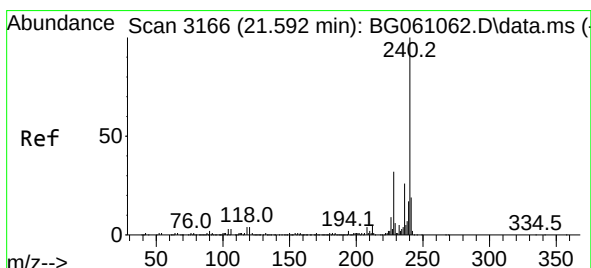
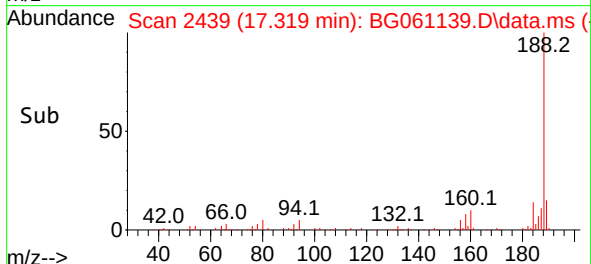
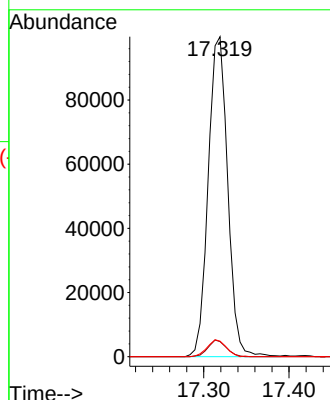
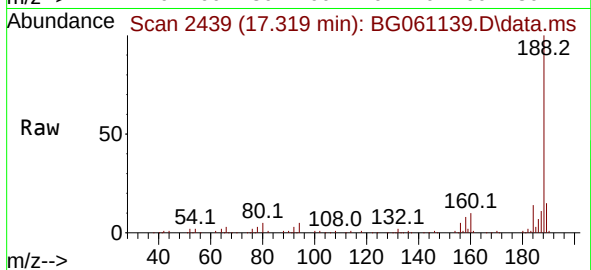
Tgt Ion:188 Resp: 158410

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

80 4.9 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.573 min Scan# 3163

Delta R.T. -0.020 min

Lab File: BG061139.D

Acq: 8 May 2024 12:18

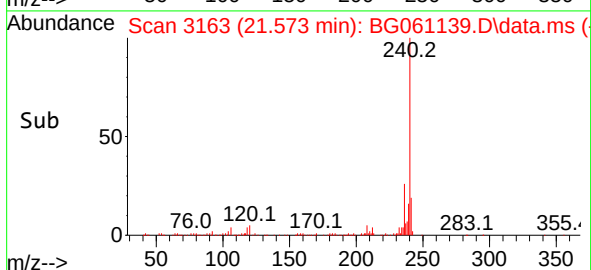
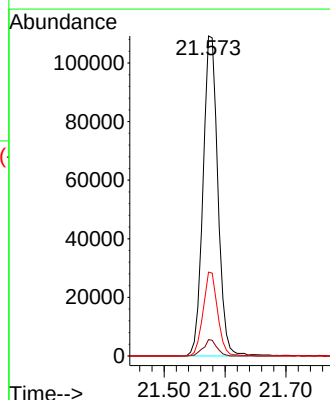
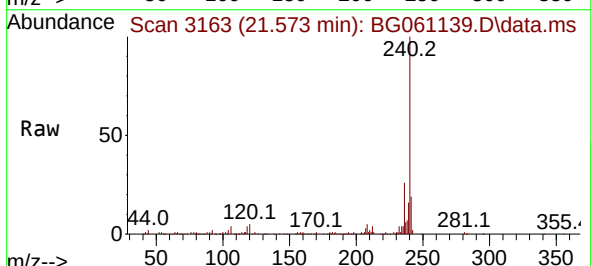
Tgt Ion:240 Resp: 185079

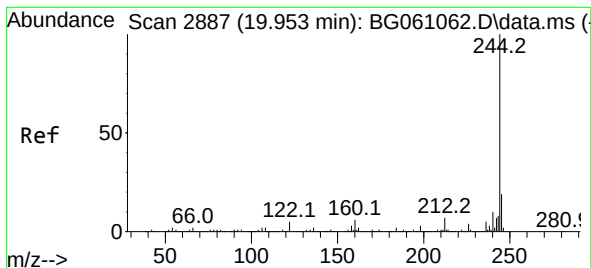
Ion Ratio Lower Upper

240 100

120 5.1 3.2 4.8#

236 26.2 21.0 31.6





#79

Terphenyl-d14

Concen: 89.052 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG061139.D

Acq: 8 May 2024 12:18

Instrument :

BNA_G

ClientSampleId :

PB160756BL

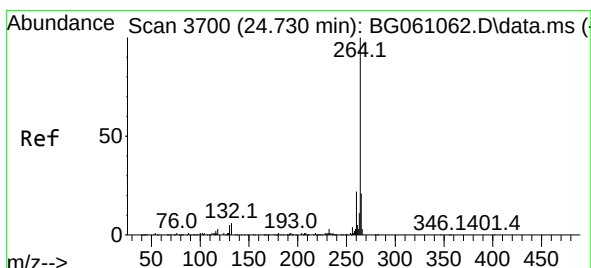
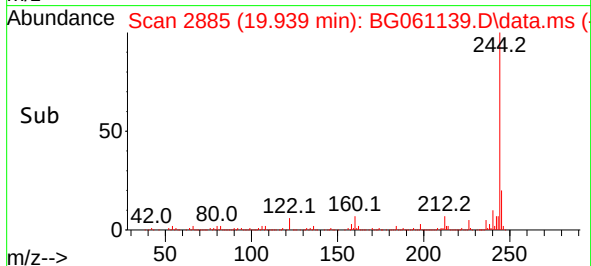
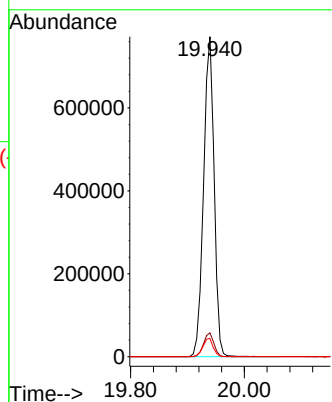
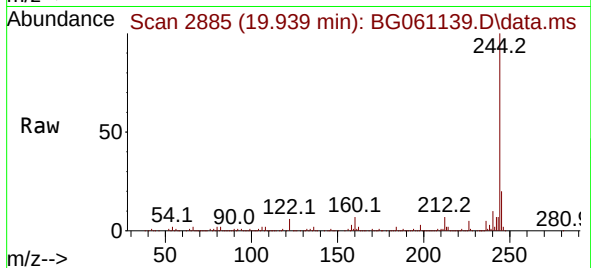
Tgt Ion:244 Resp: 990997

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: 24.710 min Scan# 3697

Delta R.T. -0.020 min

Lab File: BG061139.D

Acq: 8 May 2024 12:18

Tgt Ion:264 Resp: 211854

Ion Ratio Lower Upper

264 100

260 24.1 17.7 26.5

265 20.9 16.4 24.6

