

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056554.D
 Acq On : 6 Feb 2023 14:12
 Operator : CG/JU
 Sample : PB150681BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150681BL

Quant Time: Feb 07 04:32:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	39210	20.000	ng	0.00
21) Naphthalene-d8	11.108	136	155825	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	129935	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	348009	20.000	ng	0.00
76) Chrysene-d12	21.925	240	322647	20.000	ng	0.00
86) Perylene-d12	25.350	264	350291	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	320207	150.228	ng	0.00
7) Phenol-d6	7.424	99	442620	140.153	ng	0.00
23) Nitrobenzene-d5	9.451	82	225624	82.221	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	218294	126.371	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	768732	82.025	ng	0.00
79) Terphenyl-d14	20.209	244	1564123	85.145	ng	0.00

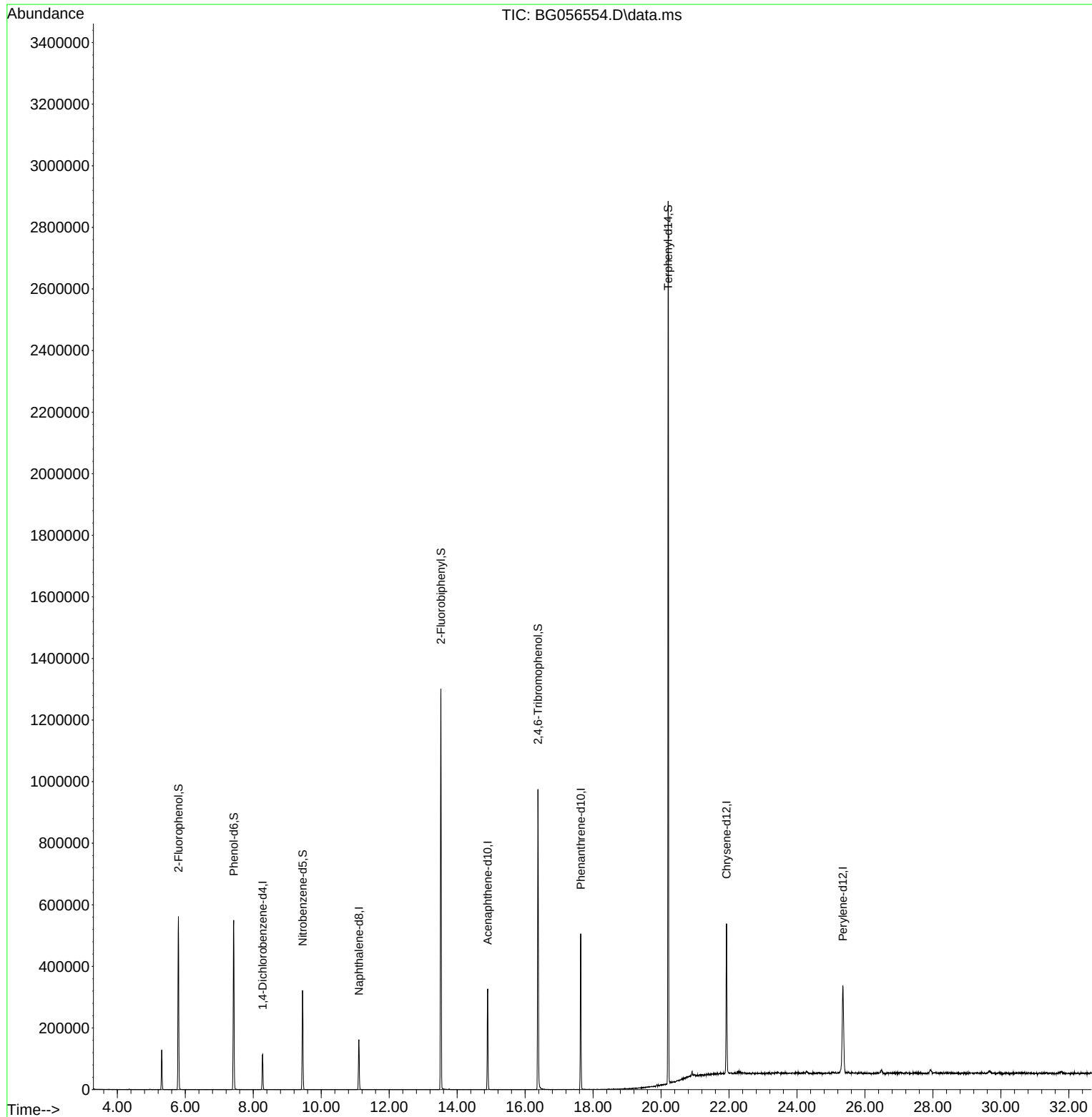
Target Compounds	Qvalue

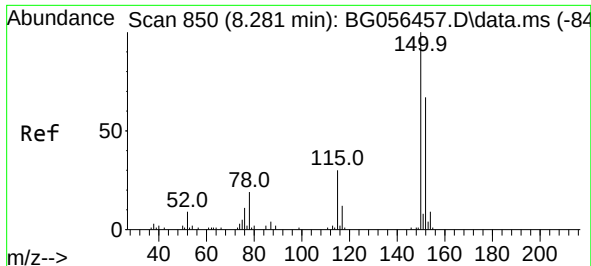
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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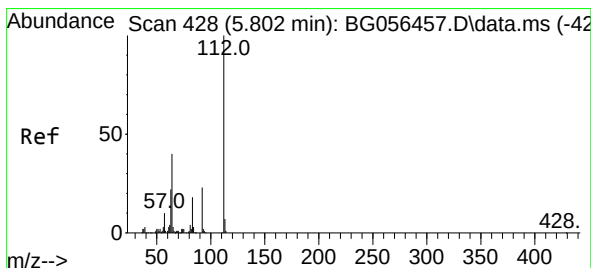
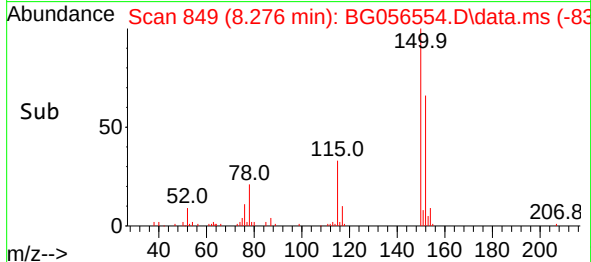
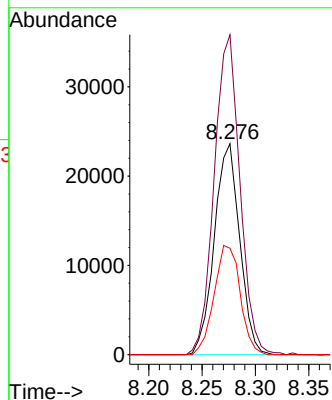
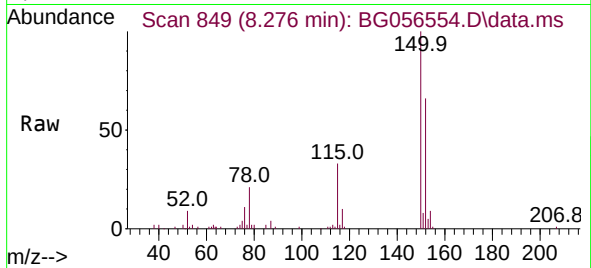




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

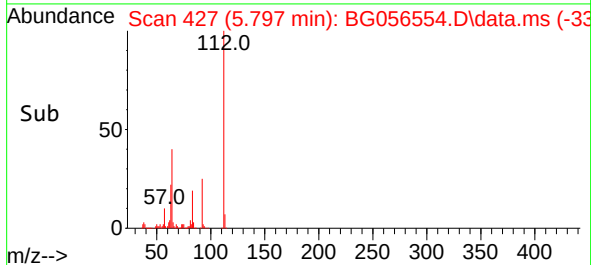
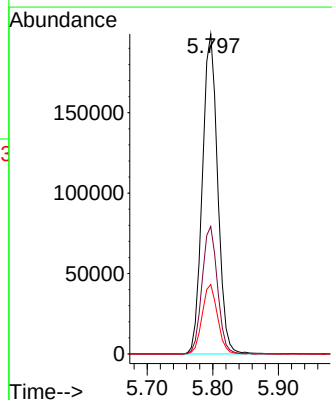
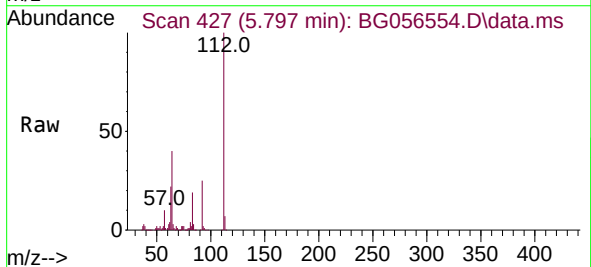
Instrument :
BNA_G
ClientSampleId :
PB150681BL

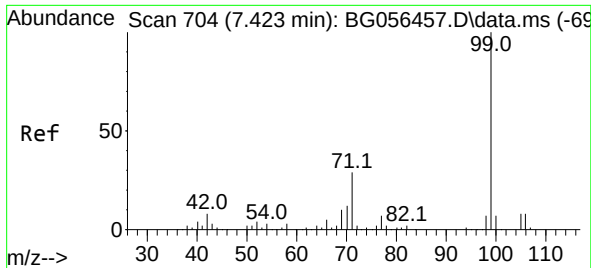
Tgt Ion:152 Resp: 39210
Ion Ratio Lower Upper
152 100
150 151.7 120.2 180.4
115 50.4 36.3 54.5



#5
2-Fluorophenol
Concen: 150.228 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

Tgt Ion:112 Resp: 320207
Ion Ratio Lower Upper
112 100
64 39.8 31.9 47.9
63 21.7 17.4 26.0

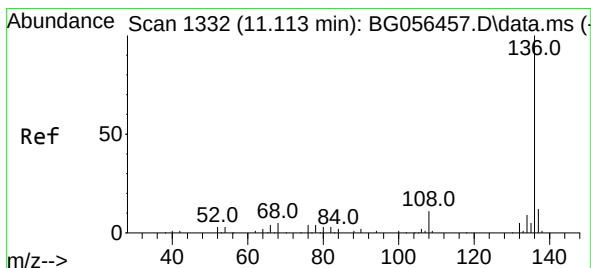
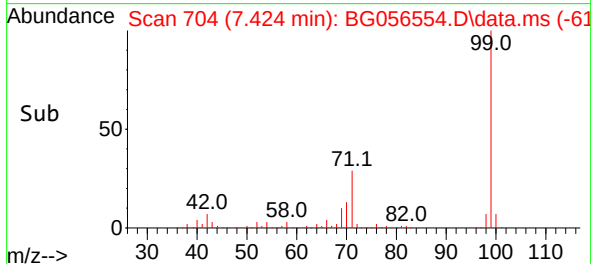
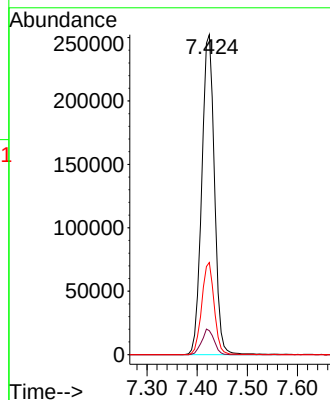
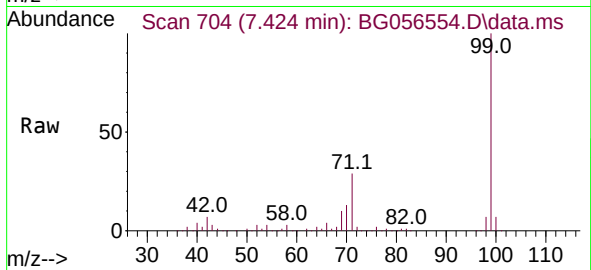




#7
Phenol-d6
Concen: 140.153 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

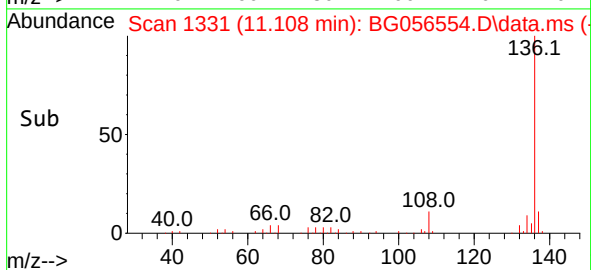
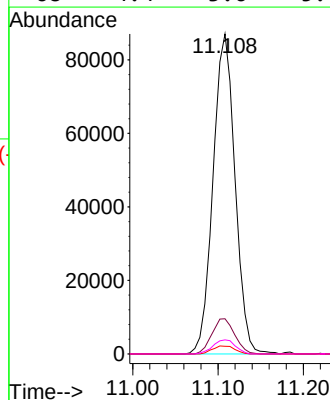
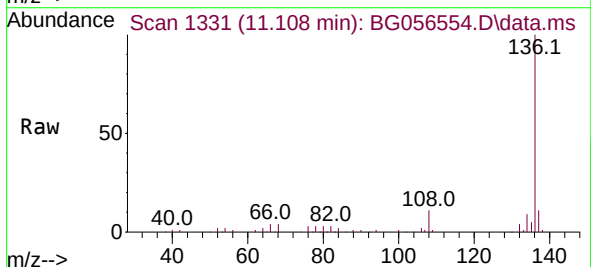
Instrument :
BNA_G
ClientSampleId :
PB150681BL

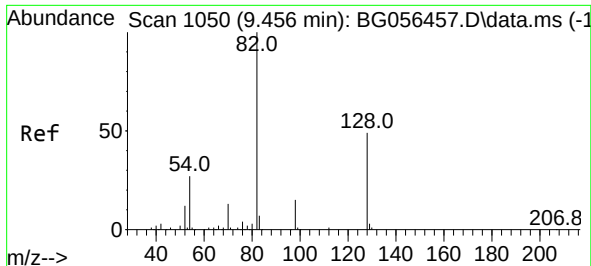
Tgt Ion: 99 Resp: 442620
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 28.8 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

Tgt Ion: 136 Resp: 155825
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.4 2.2 3.4
68 4.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 82.221 ng

RT: 9.451 min Scan# 1049

Delta R.T. 0.001 min

Lab File: BG056554.D

Acq: 6 Feb 2023 14:12

Instrument :

BNA_G

ClientSampleId :

PB150681BL

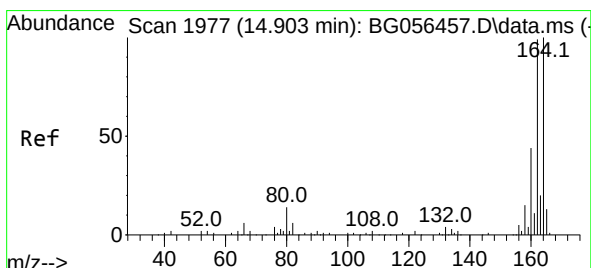
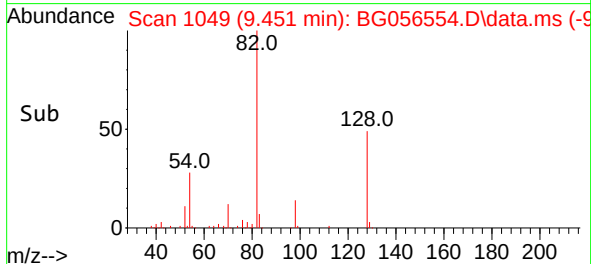
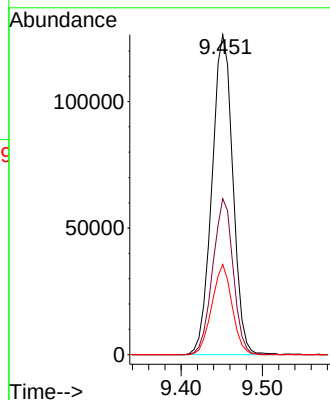
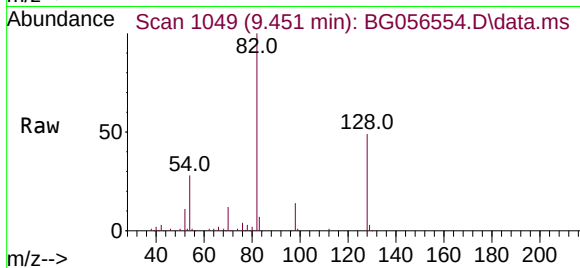
Tgt Ion: 82 Resp: 225624

Ion Ratio Lower Upper

82 100

128 48.7 39.4 59.2

54 28.2 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.898 min Scan# 1976

Delta R.T. 0.001 min

Lab File: BG056554.D

Acq: 6 Feb 2023 14:12

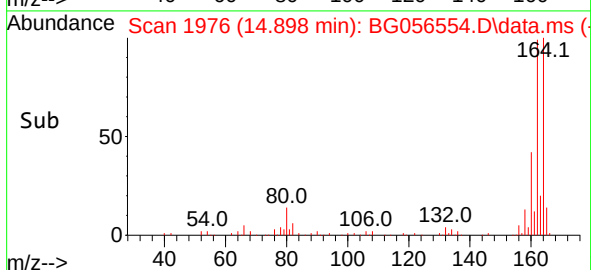
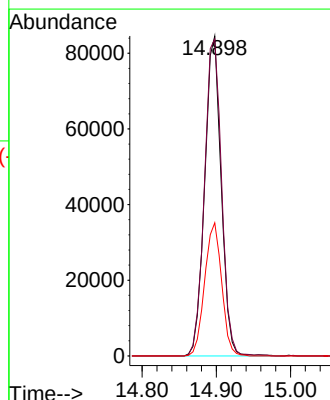
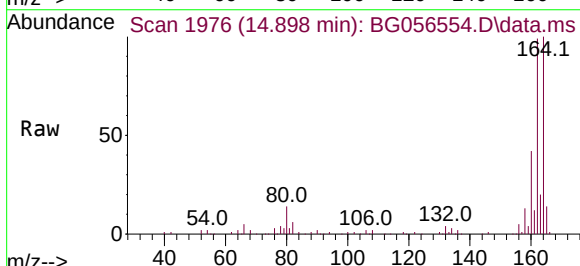
Tgt Ion: 164 Resp: 129935

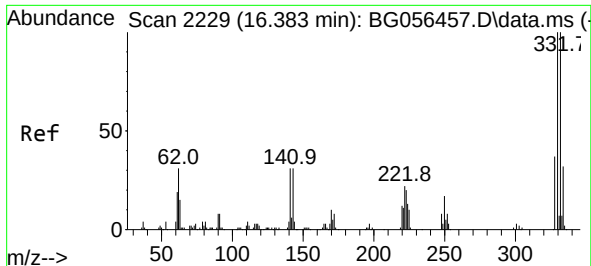
Ion Ratio Lower Upper

164 100

162 99.0 79.6 119.4

160 41.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 126.371 ng

RT: 16.378 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056554.D

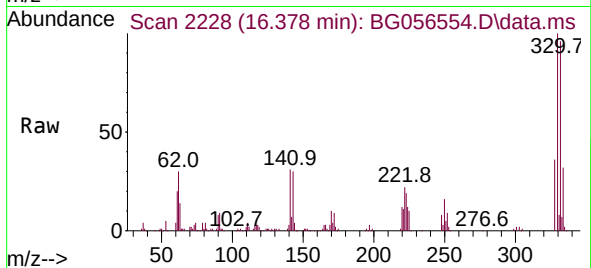
Acq: 6 Feb 2023 14:12

Instrument :

BNA_G

ClientSampleId :

PB150681BL



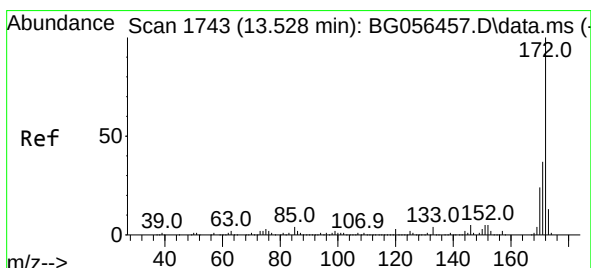
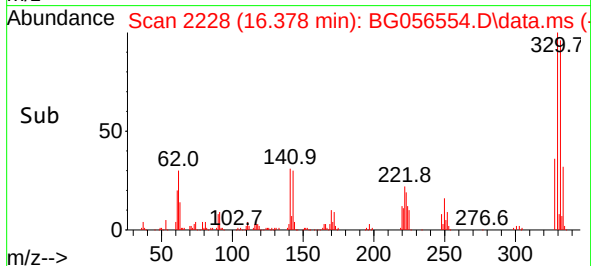
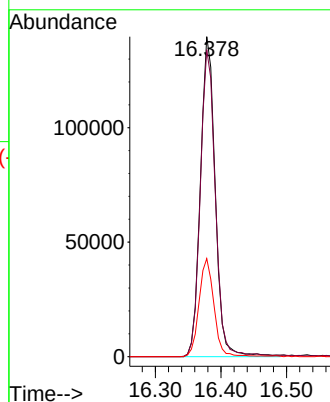
Tgt Ion:330 Resp: 218294

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.6

141 30.7 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 82.025 ng

RT: 13.523 min Scan# 1742

Delta R.T. 0.001 min

Lab File: BG056554.D

Acq: 6 Feb 2023 14:12

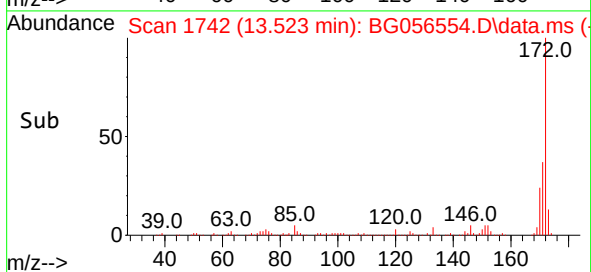
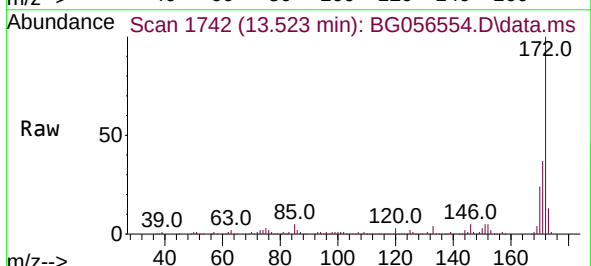
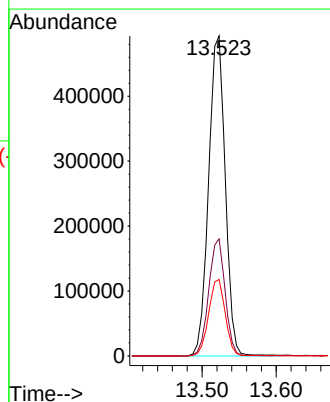
Tgt Ion:172 Resp: 768732

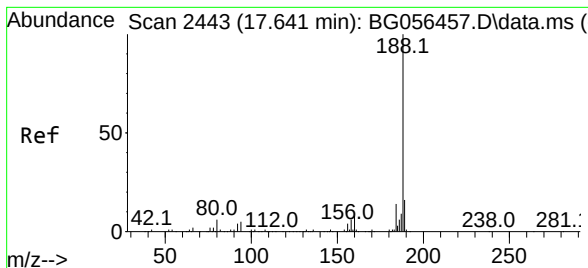
Ion Ratio Lower Upper

172 100

171 36.6 29.5 44.3

170 23.9 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.636 min Scan# 2443

Delta R.T. -0.005 min

Lab File: BG056554.D

Acq: 6 Feb 2023 14:12

Instrument :

BNA_G

ClientSampleId :

PB150681BL

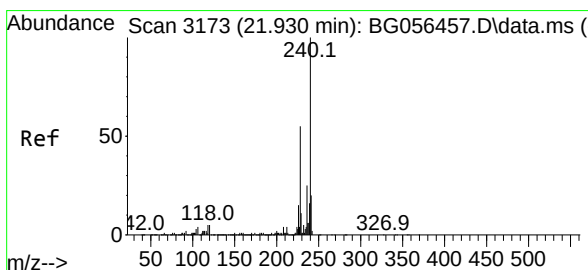
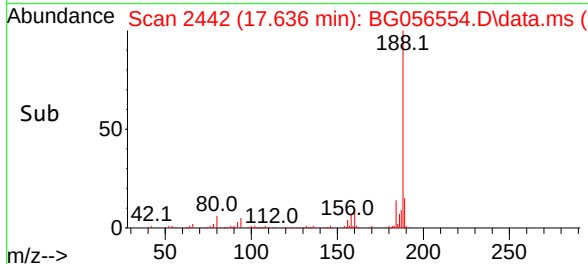
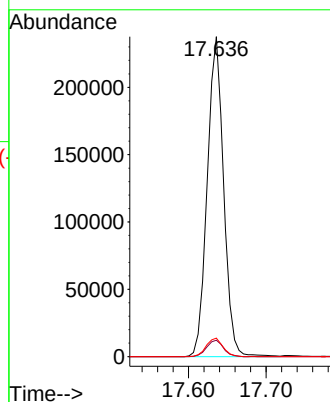
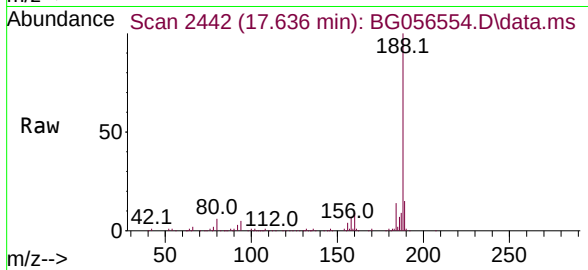
Tgt Ion:188 Resp: 348009

Ion Ratio Lower Upper

188 100

94 5.1 4.1 6.1

80 5.8 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.925 min Scan# 3172

Delta R.T. -0.005 min

Lab File: BG056554.D

Acq: 6 Feb 2023 14:12

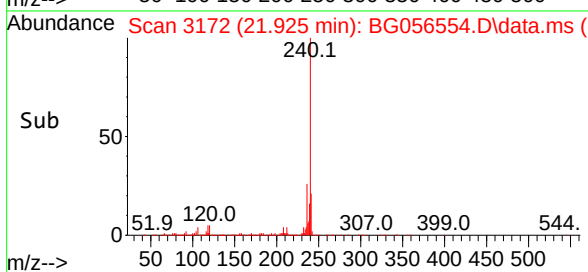
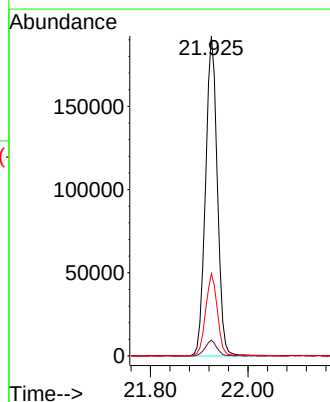
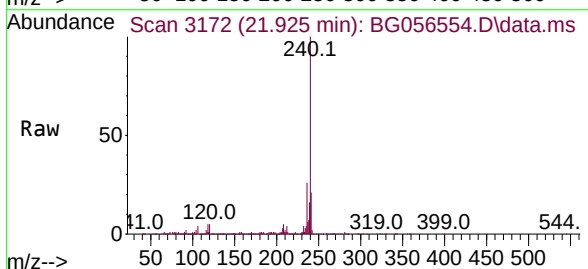
Tgt Ion:240 Resp: 322647

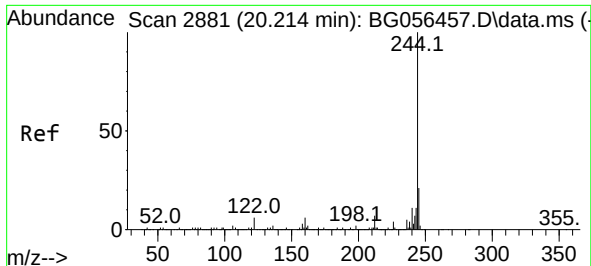
Ion Ratio Lower Upper

240 100

120 4.9 3.8 5.8

236 25.7 20.2 30.2

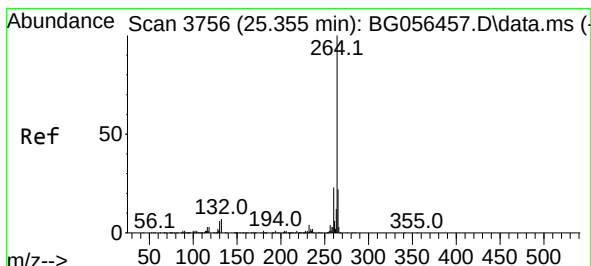
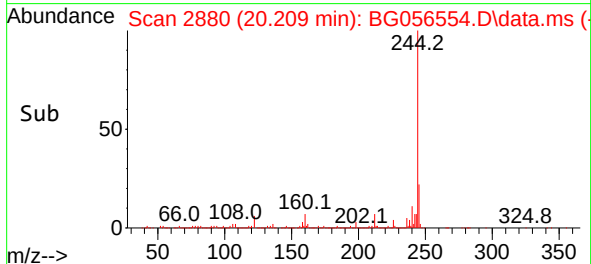
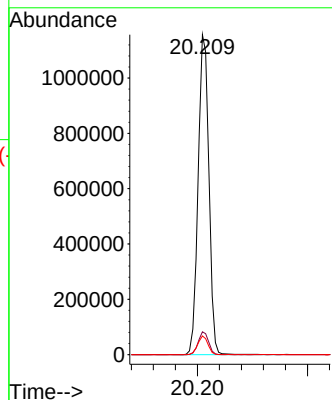
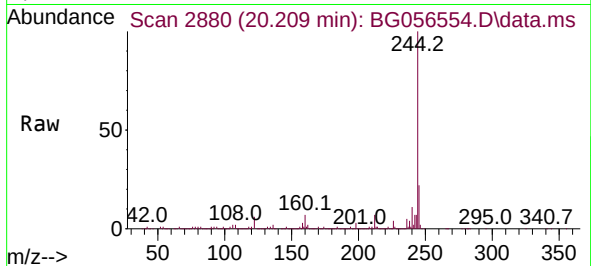




#79
 Terphenyl-d14
 Concen: 85.145 ng
 RT: 20.209 min Scan# 2881
 Delta R.T. -0.005 min
 Lab File: BG056554.D
 Acq: 6 Feb 2023 14:12

Instrument :
 BNA_G
 ClientSampleId :
 PB150681BL

Tgt Ion:244 Resp: 1564123
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 5.8 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.350 min Scan# 3755
 Delta R.T. -0.011 min
 Lab File: BG056554.D
 Acq: 6 Feb 2023 14:12

Tgt Ion:264 Resp: 350291
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.4
 265 21.8 18.1 27.1

