

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
 Data File : BG055260.D
 Acq On : 24 Oct 2022 17:17
 Operator : CG/JU
 Sample : PB148482TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148482TB

Quant Time: Oct 24 17:55:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	27682	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	127397	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	90704	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	232689	20.000	ng	0.00
76) Chrysene-d12	21.892	240	241042	20.000	ng	0.00
86) Perylene-d12	25.288	264	253274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	277469	175.508	ng	0.00
7) Phenol-d6	7.415	99	384863	168.031	ng	0.00
23) Nitrobenzene-d5	9.442	82	232569	93.218	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	164387	166.716	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	521119	94.036	ng	0.00
79) Terphenyl-d14	20.194	244	1124020	96.886	ng	0.00

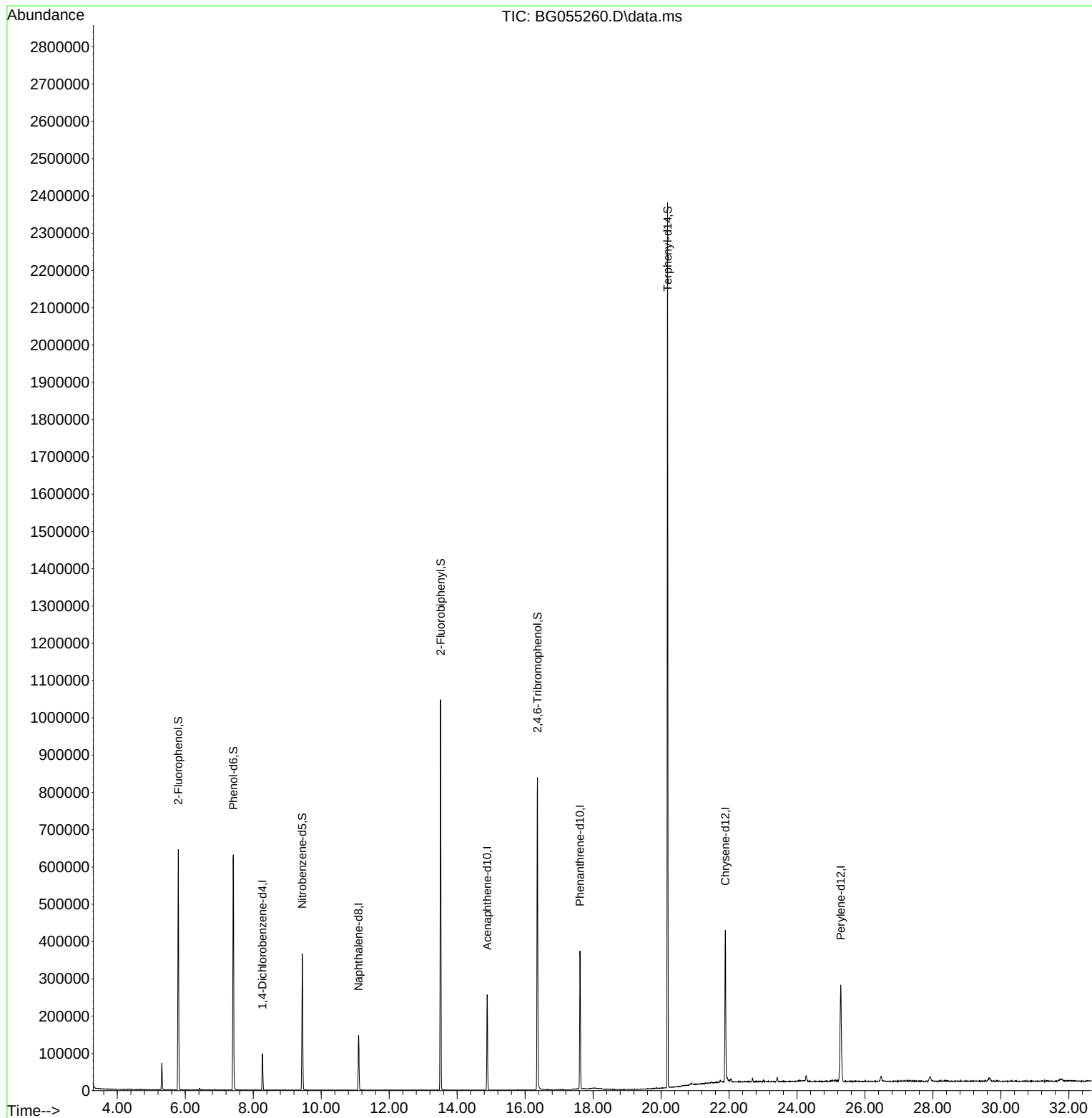
Target Compounds	Qvalue

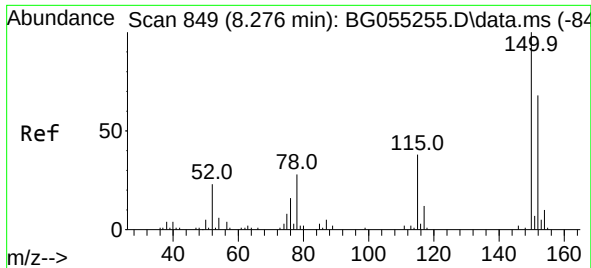
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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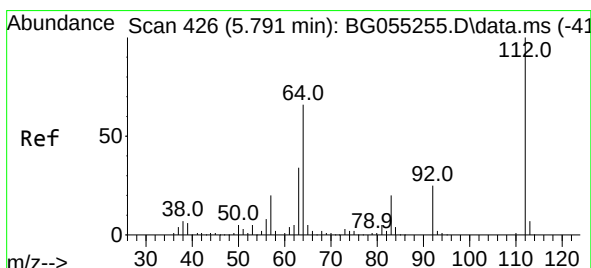
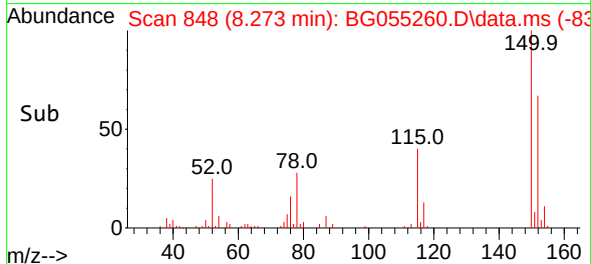
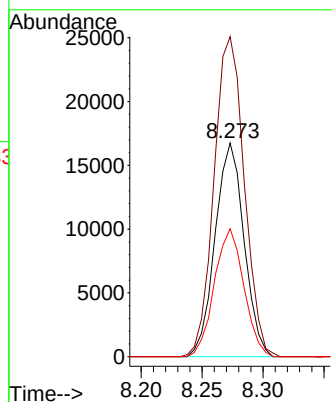
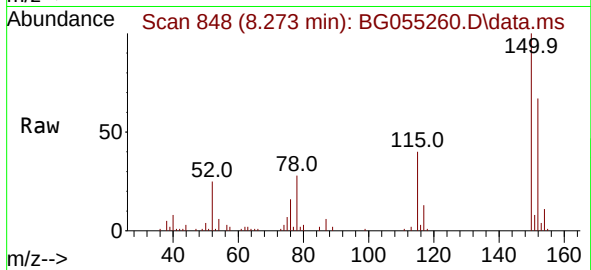




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 849
Delta R.T. -0.003 min
Lab File: BG055260.D
Acq: 24 Oct 2022 17:17

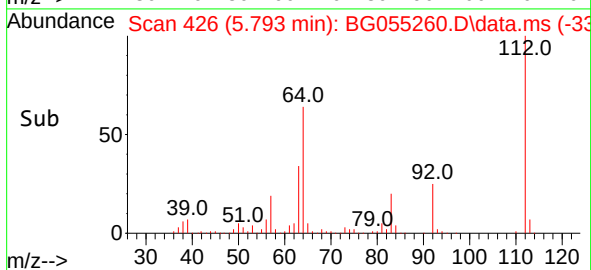
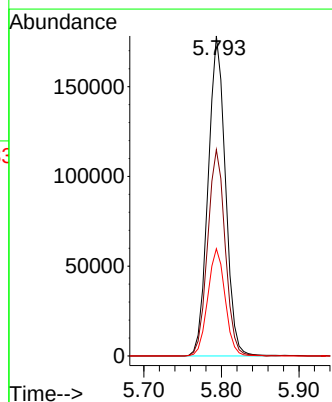
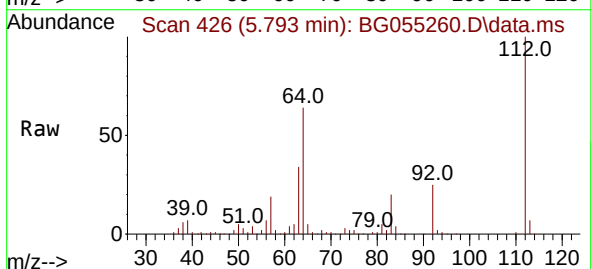
Instrument :
BNA_G
ClientSampleId :
PB148482TB

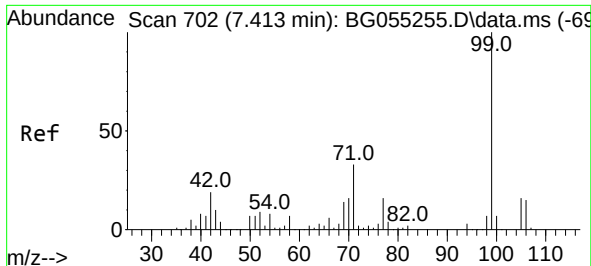
Tgt Ion:152 Resp: 27682
Ion Ratio Lower Upper
152 100
150 149.8 118.2 177.4
115 59.9 44.5 66.7



#5
2-Fluorophenol
Concen: 175.508 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055260.D
Acq: 24 Oct 2022 17:17

Tgt Ion:112 Resp: 277469
Ion Ratio Lower Upper
112 100
64 64.4 52.6 78.8
63 33.5 27.1 40.7

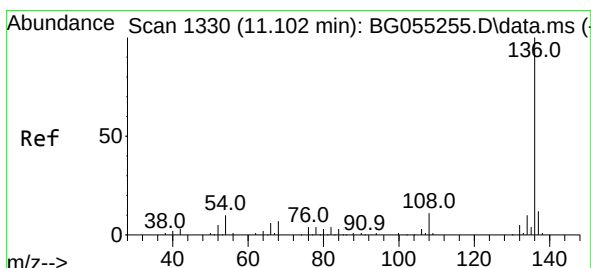
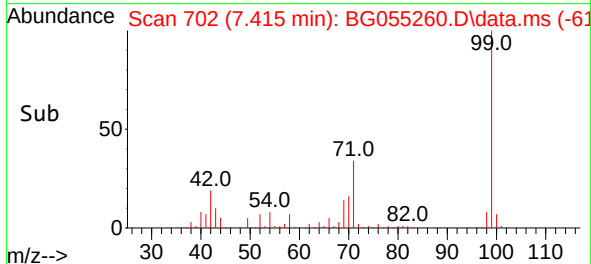
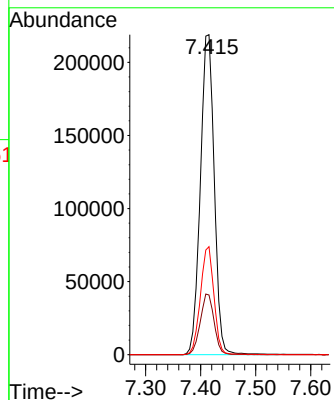
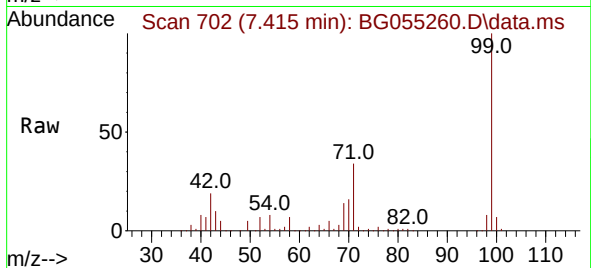




#7
Phenol-d6
Concen: 168.031 ng
RT: 7.415 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG055260.D
Acq: 24 Oct 2022 17:17

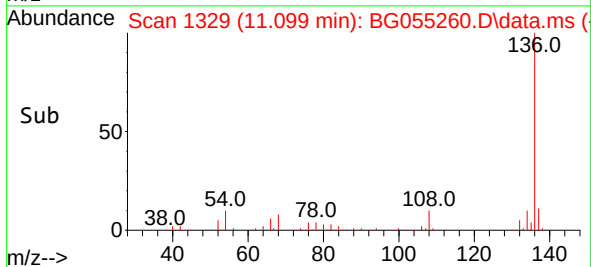
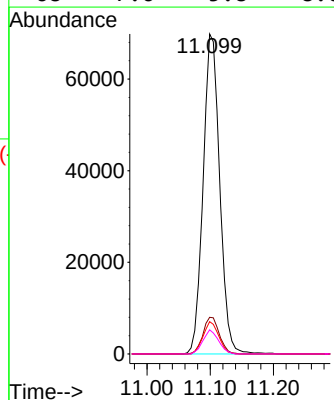
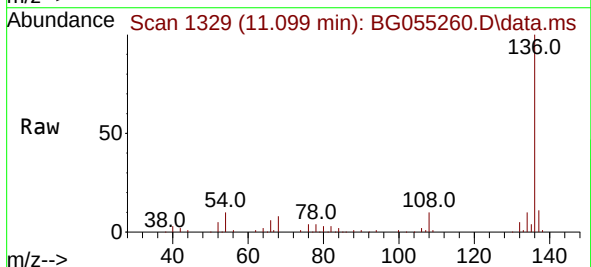
Instrument :
BNA_G
ClientSampleId :
PB148482TB

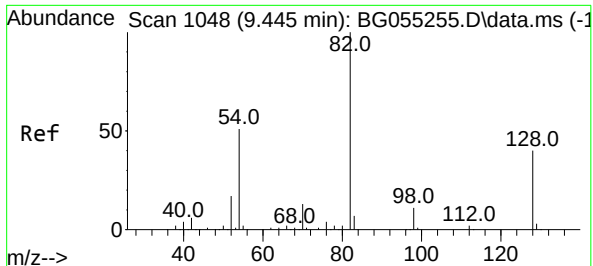
Tgt Ion: 99 Resp: 384863
Ion Ratio Lower Upper
99 100
42 18.7 15.2 22.8
71 33.8 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055260.D
Acq: 24 Oct 2022 17:17

Tgt Ion:136 Resp: 127397
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 10.1 7.8 11.8
68 7.6 5.8 8.6





#23

Nitrobenzene-d5

Concen: 93.218 ng

RT: 9.442 min Scan# 1047

Delta R.T. -0.003 min

Lab File: BG055260.D

Acq: 24 Oct 2022 17:17

Instrument :

BNA_G

ClientSampleId :

PB148482TB

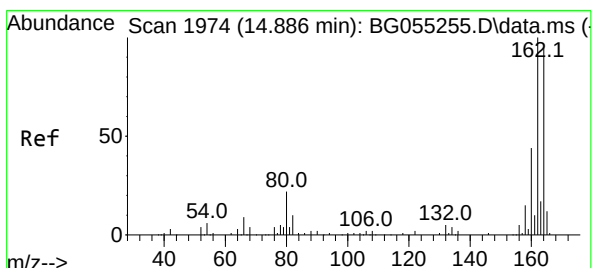
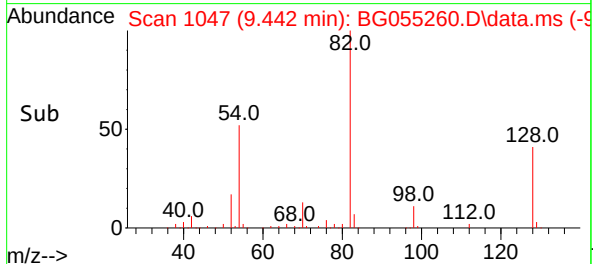
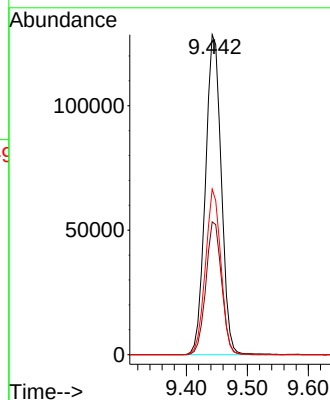
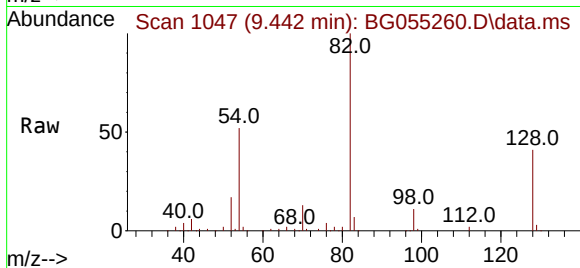
Tgt Ion: 82 Resp: 232569

Ion Ratio Lower Upper

82 100

128 41.5 32.0 48.0

54 51.7 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.003 min

Lab File: BG055260.D

Acq: 24 Oct 2022 17:17

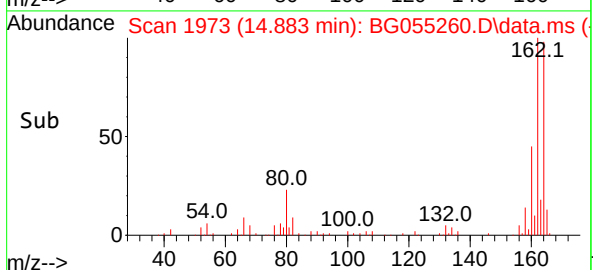
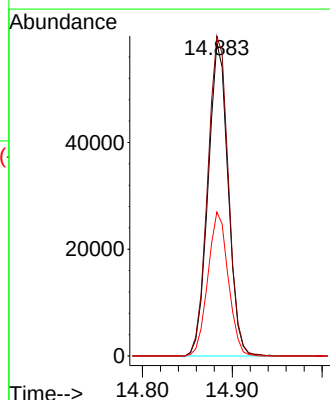
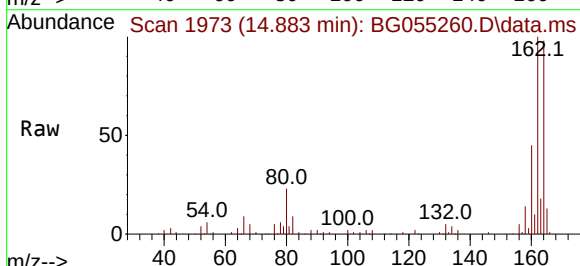
Tgt Ion:164 Resp: 90704

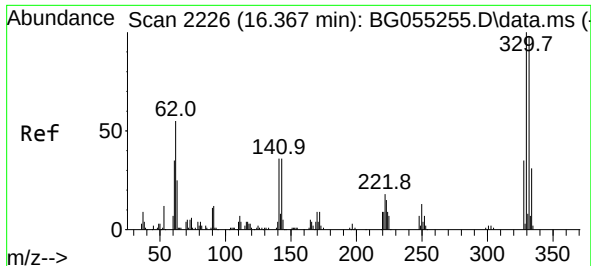
Ion Ratio Lower Upper

164 100

162 102.3 84.0 126.0

160 46.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 166.716 ng

RT: 16.363 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055260.D

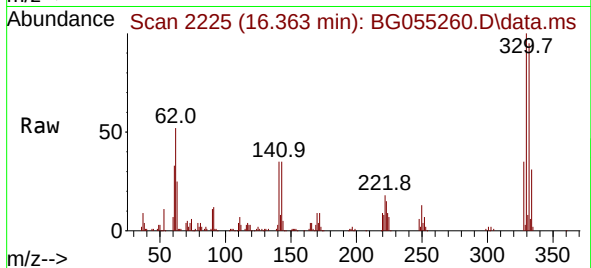
Acq: 24 Oct 2022 17:17

Instrument :

BNA_G

ClientSampleId :

PB148482TB



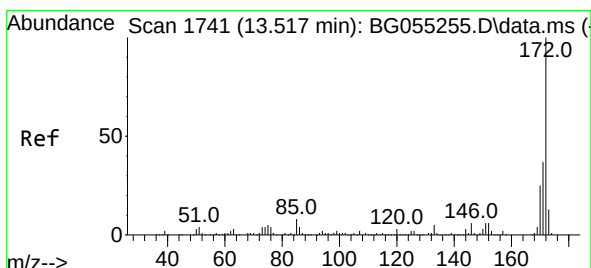
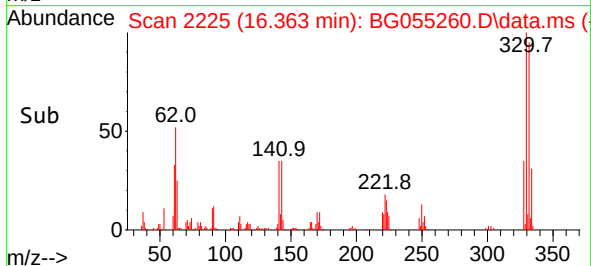
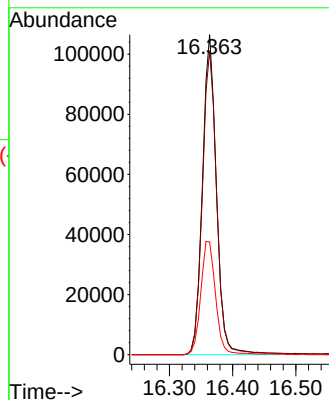
Tgt Ion:330 Resp: 164387

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 37.5 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 94.036 ng

RT: 13.514 min Scan# 1740

Delta R.T. -0.003 min

Lab File: BG055260.D

Acq: 24 Oct 2022 17:17

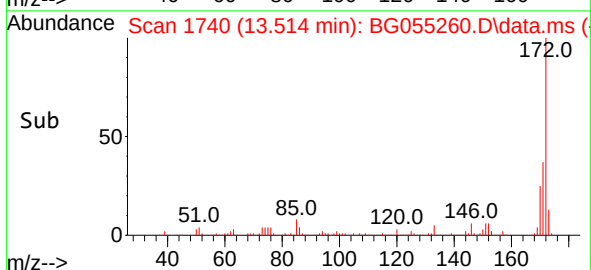
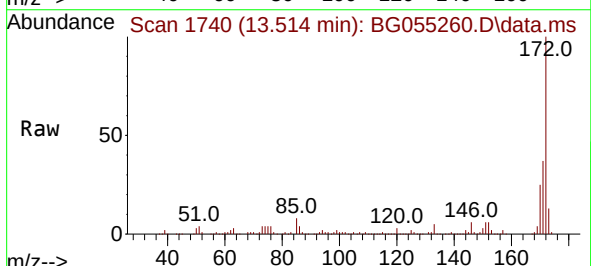
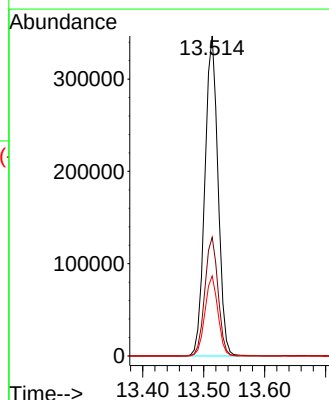
Tgt Ion:172 Resp: 521119

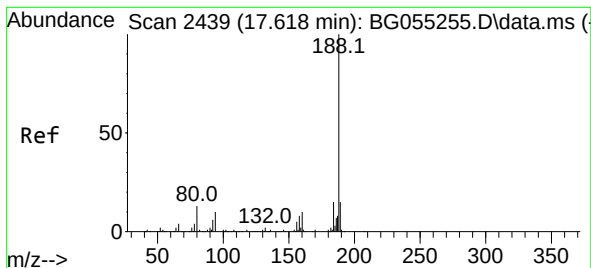
Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

170 25.0 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG055260.D

Acq: 24 Oct 2022 17:17

Instrument :

BNA_G

ClientSampleId :

PB148482TB

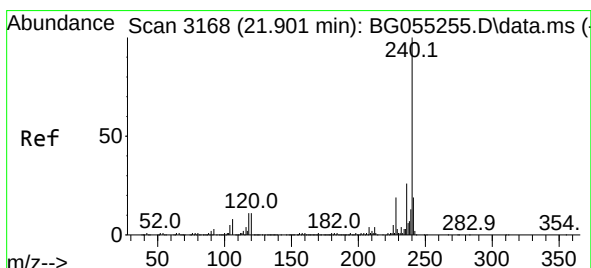
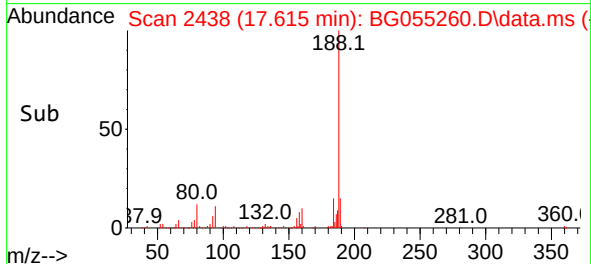
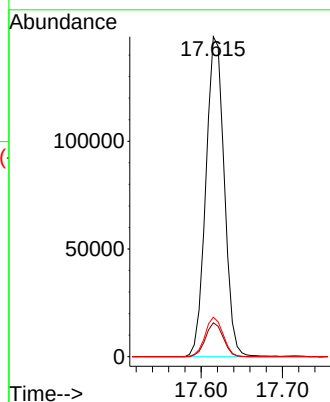
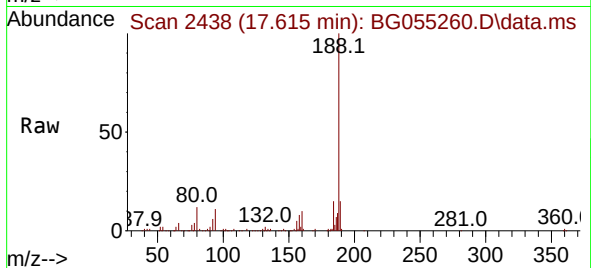
Tgt Ion:188 Resp: 232689

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.4

80 12.4 10.1 15.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.892 min Scan# 3166

Delta R.T. -0.009 min

Lab File: BG055260.D

Acq: 24 Oct 2022 17:17

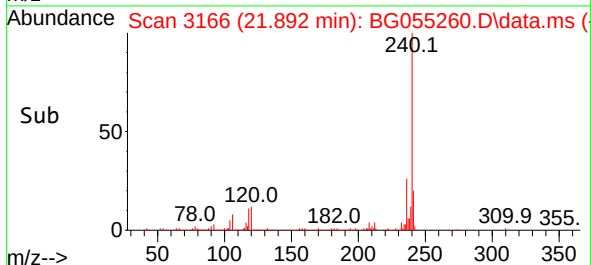
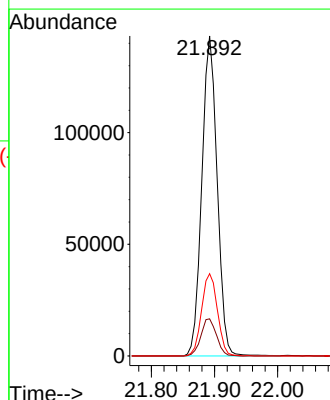
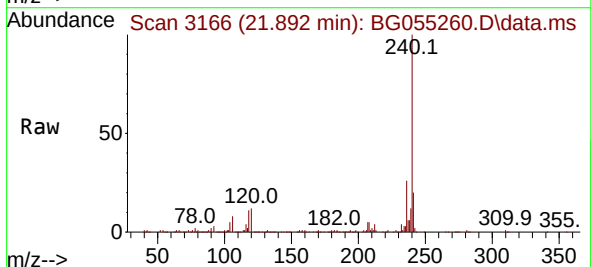
Tgt Ion:240 Resp: 241042

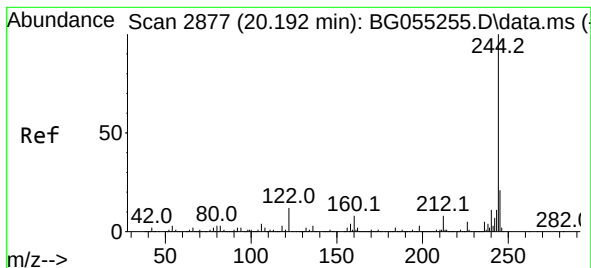
Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

236 25.7 21.0 31.4





#79

Terphenyl-d14

Concen: 96.886 ng

RT: 20.194 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG055260.D

Acq: 24 Oct 2022 17:17

Instrument :

BNA_G

ClientSampleId :

PB148482TB

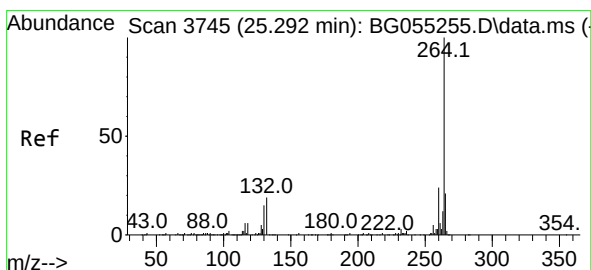
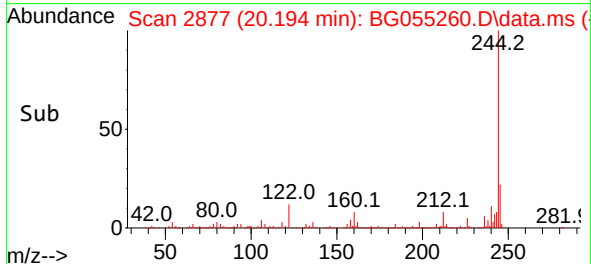
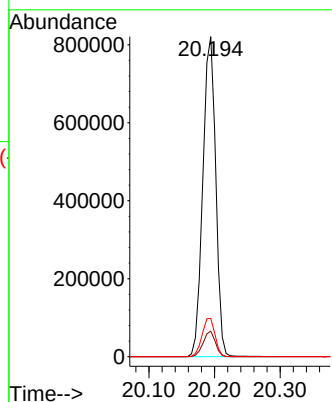
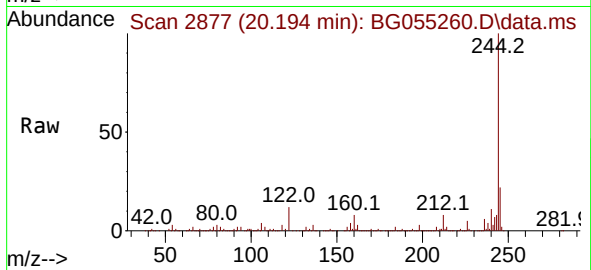
Tgt Ion:244 Resp: 1124020

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

122 12.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.288 min Scan# 3744

Delta R.T. -0.003 min

Lab File: BG055260.D

Acq: 24 Oct 2022 17:17

Tgt Ion:264 Resp: 253274

Ion Ratio Lower Upper

264 100

260 25.3 19.5 29.3

265 21.8 17.4 26.2

