

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
 Data File : BG055193.D
 Acq On : 17 Oct 2022 15:16
 Operator : CG/JU
 Sample : N5147-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 557-E-2

Quant Time: Oct 17 16:34:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

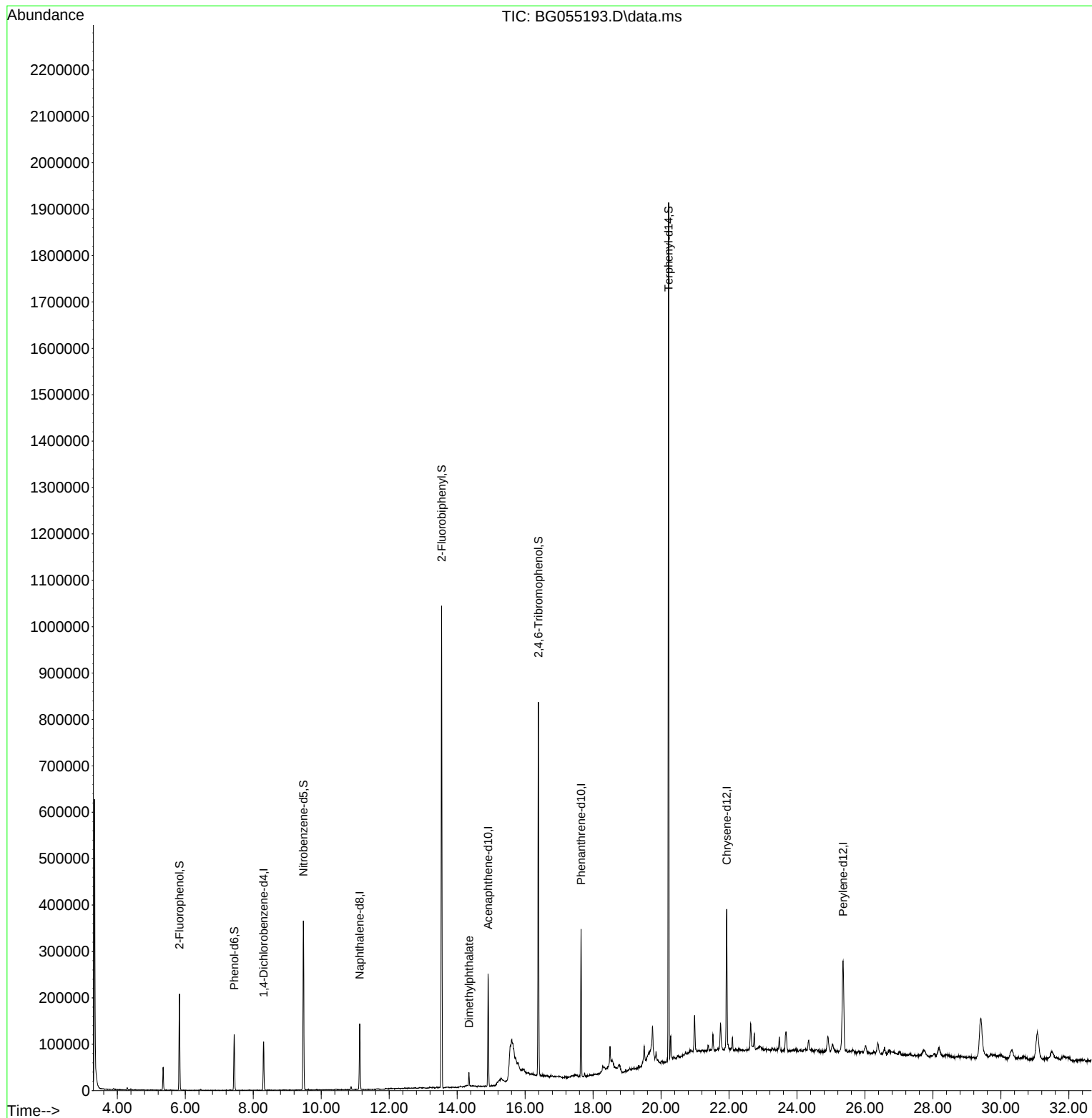
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	31495	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	122365	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	87898	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	201037	20.000	ng	# 0.00
76) Chrysene-d12	21.930	240	198826	20.000	ng	0.00
86) Perylene-d12	25.355	264	217647	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	89278	55.460	ng	0.00
7) Phenol-d6	7.435	99	69361	29.127	ng	0.00
23) Nitrobenzene-d5	9.474	82	216165	94.731	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	177310	140.389	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	540592	100.467	ng	0.00
79) Terphenyl-d14	20.220	244	949972	96.228	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.345	163	18448	2.611	ng	Qvalue 100

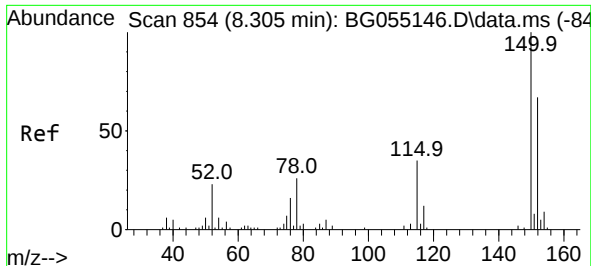
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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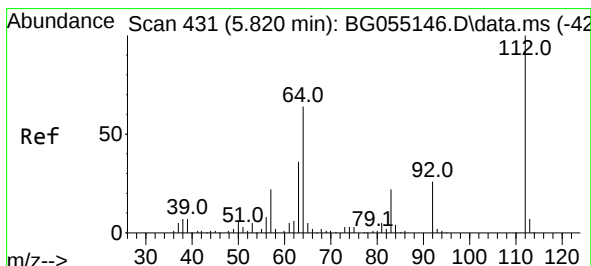
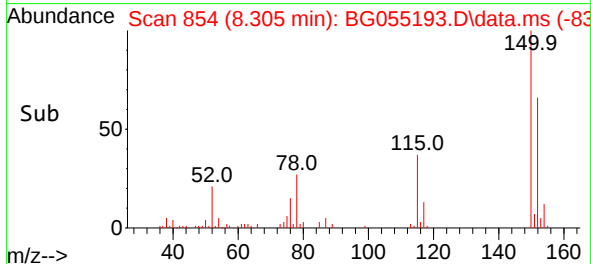
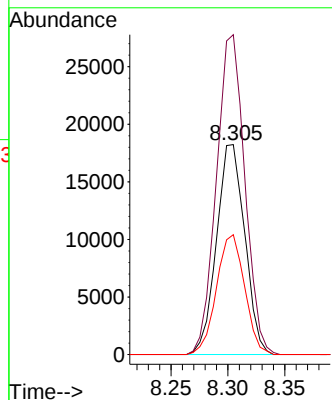
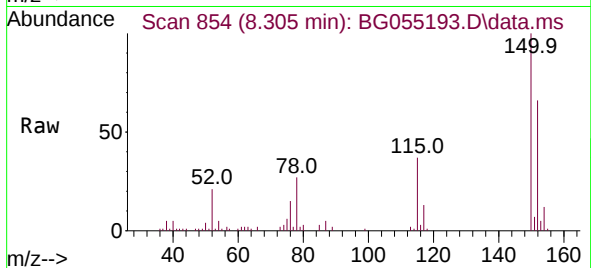




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 854
Delta R.T. -0.000 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

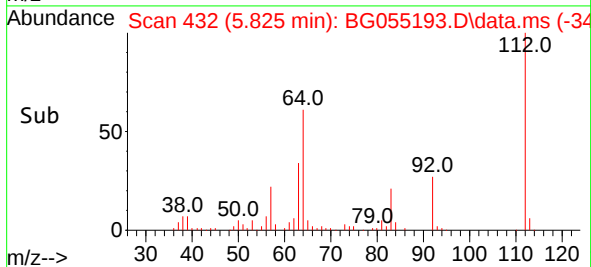
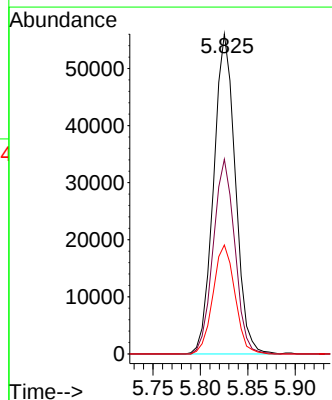
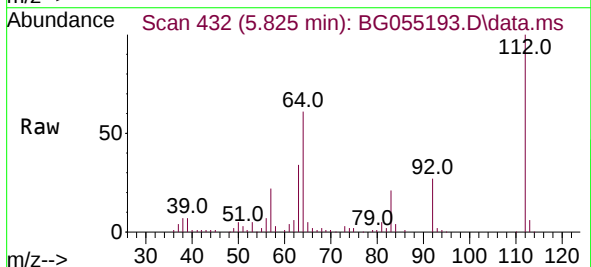
Instrument :
BNA_G
ClientSampleId :
557-E-2

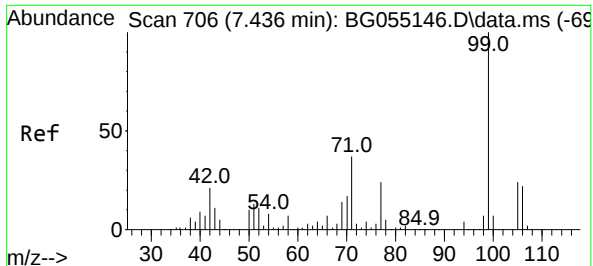
Tgt Ion:152 Resp: 31495
Ion Ratio Lower Upper
152 100
150 152.3 119.7 179.5
115 57.1 42.4 63.6



#5
2-Fluorophenol
Concen: 55.460 ng
RT: 5.825 min Scan# 432
Delta R.T. 0.005 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion:112 Resp: 89278
Ion Ratio Lower Upper
112 100
64 60.8 50.9 76.3
63 34.0 29.0 43.6

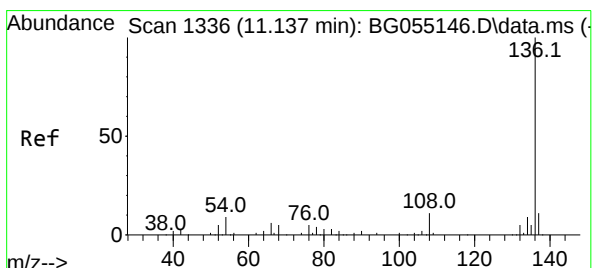
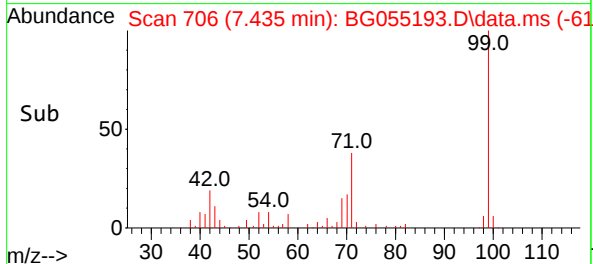
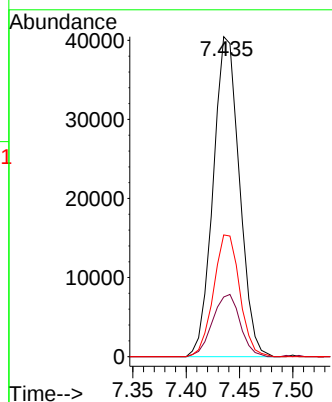
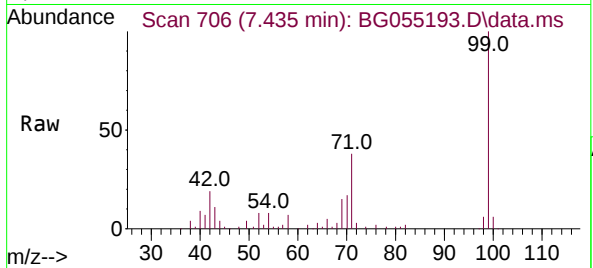




#7
Phenol-d6
Concen: 29.127 ng
RT: 7.435 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

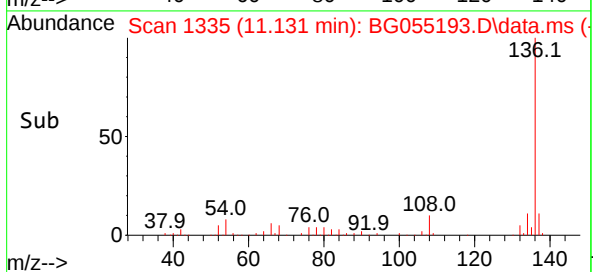
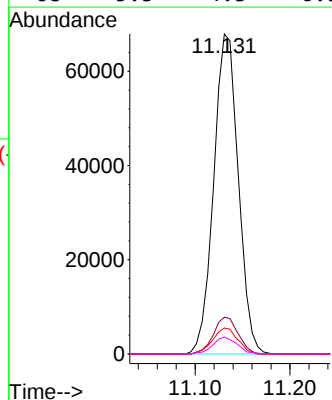
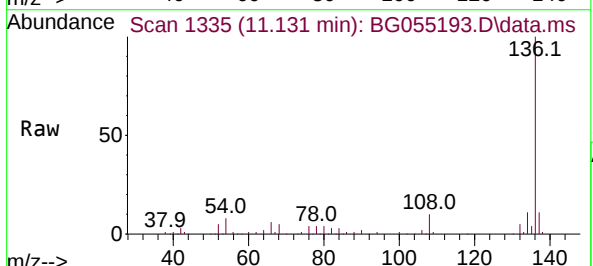
Instrument :
BNA_G
ClientSampleId :
557-E-2

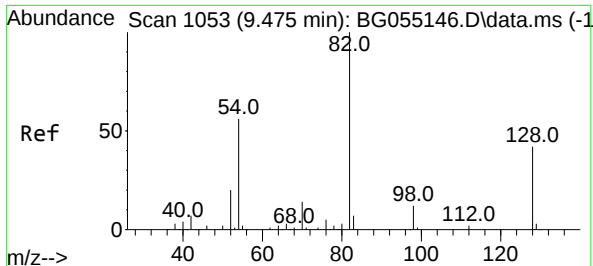
Tgt Ion: 99 Resp: 69361
Ion Ratio Lower Upper
99 100
42 18.6 16.6 25.0
71 38.0 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion: 136 Resp: 122365
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.1 7.0 10.6
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 94.731 ng

RT: 9.474 min Scan# 1053

Delta R.T. -0.001 min

Lab File: BG055193.D

Acq: 17 Oct 2022 15:16

Instrument :

BNA_G

ClientSampleId :

557-E-2

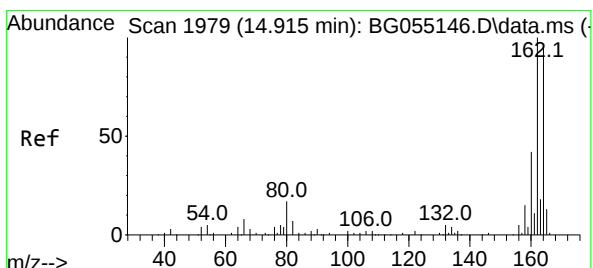
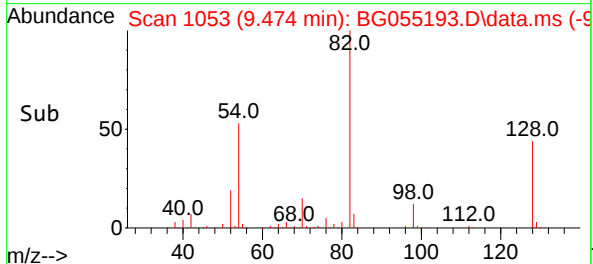
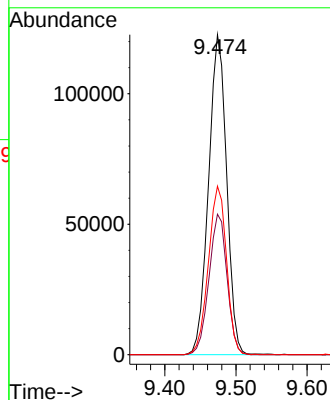
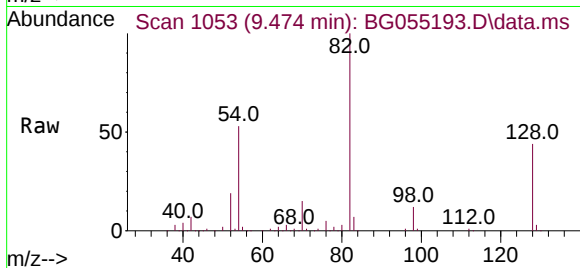
Tgt Ion: 82 Resp: 216165

Ion Ratio Lower Upper

82 100

128 43.9 33.5 50.3

54 52.6 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.909 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BG055193.D

Acq: 17 Oct 2022 15:16

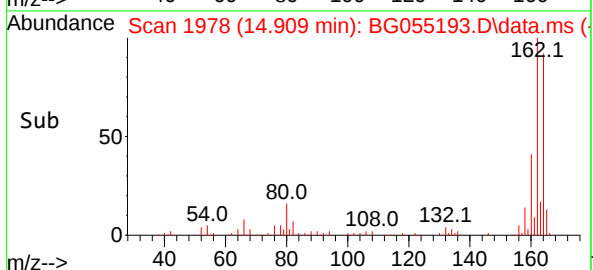
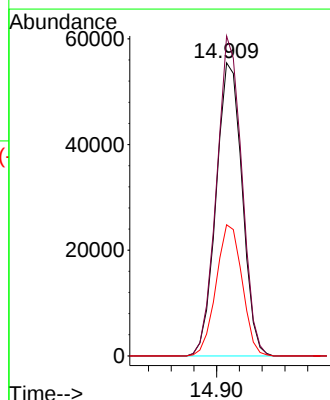
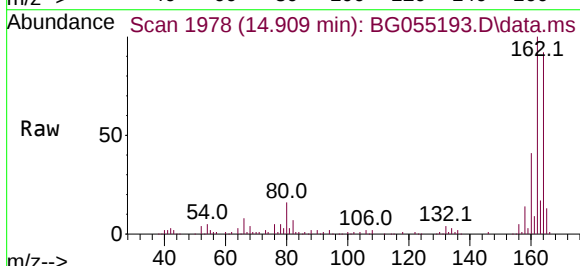
Tgt Ion:164 Resp: 87898

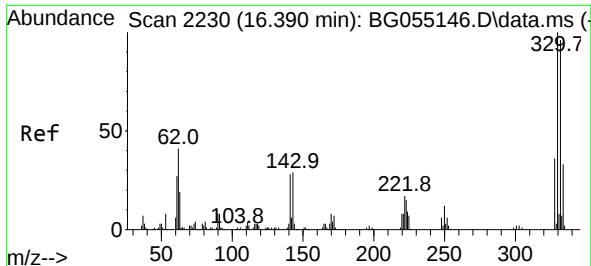
Ion Ratio Lower Upper

164 100

162 109.2 83.3 124.9

160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 140.389 ng

RT: 16.389 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG055193.D

Acq: 17 Oct 2022 15:16

Instrument :

BNA_G

ClientSampleId :

557-E-2

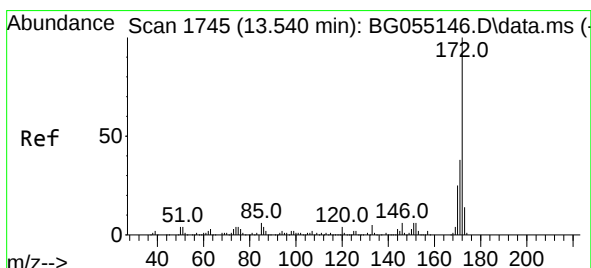
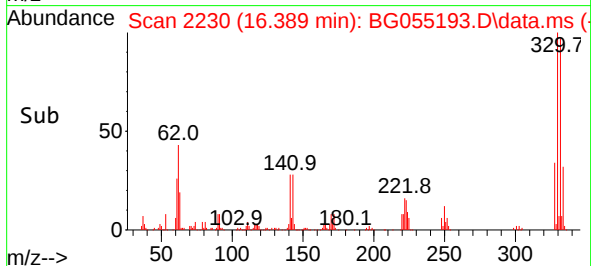
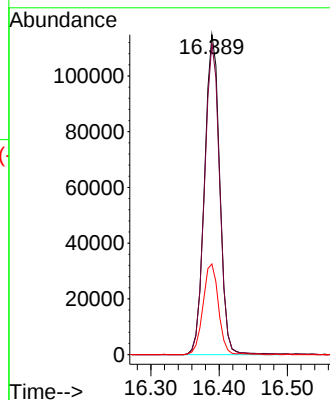
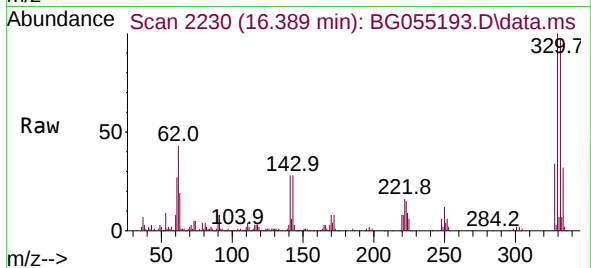
Tgt Ion:330 Resp: 177310

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 29.0 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 100.467 ng

RT: 13.540 min Scan# 1745

Delta R.T. -0.001 min

Lab File: BG055193.D

Acq: 17 Oct 2022 15:16

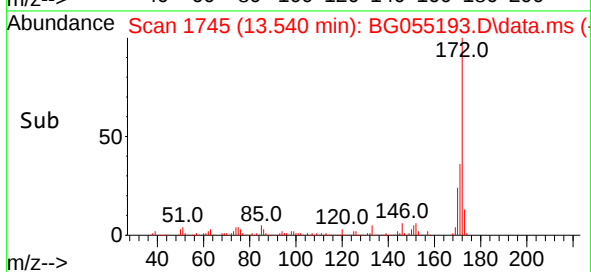
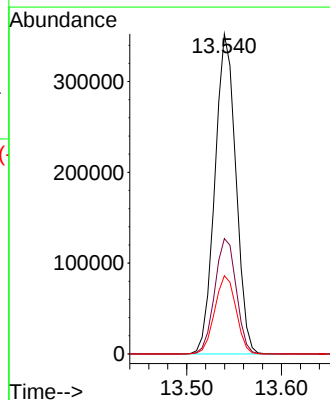
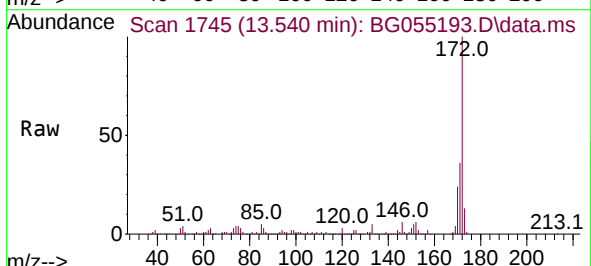
Tgt Ion:172 Resp: 540592

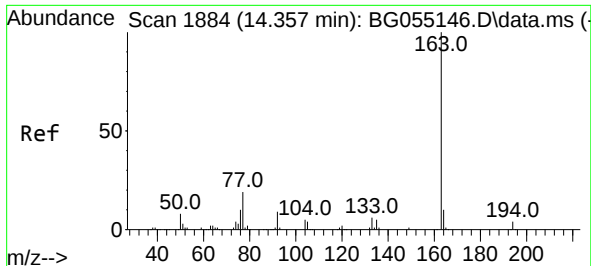
Ion Ratio Lower Upper

172 100

171 36.0 30.1 45.1

170 24.4 19.8 29.6

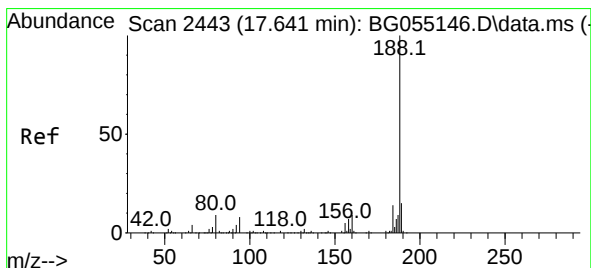
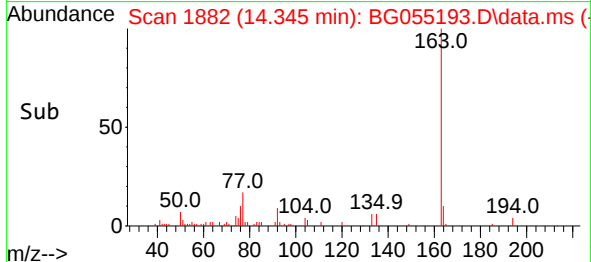
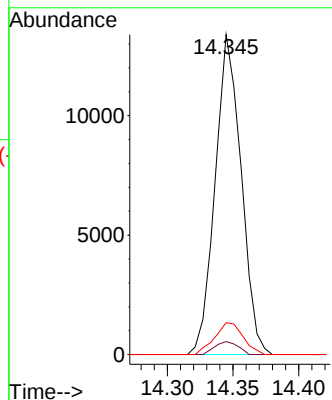
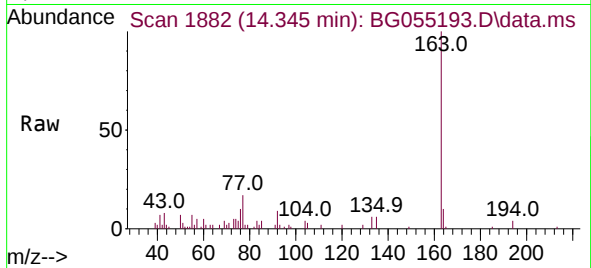




#50
Dimethylphthalate
Concen: 2.611 ng
RT: 14.345 min Scan# 1884
Delta R.T. -0.012 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

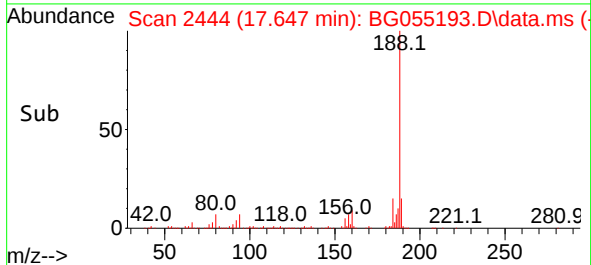
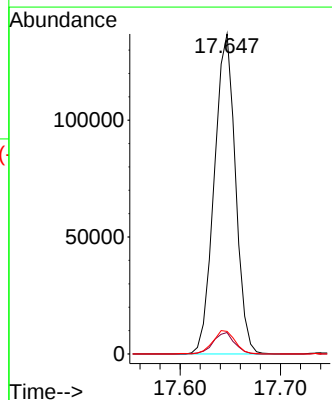
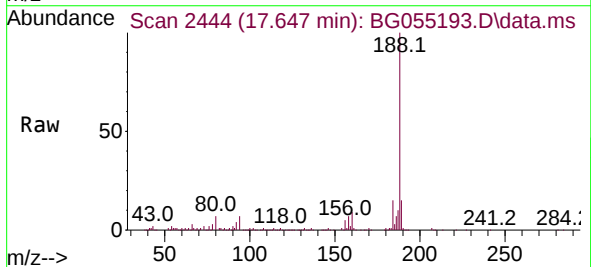
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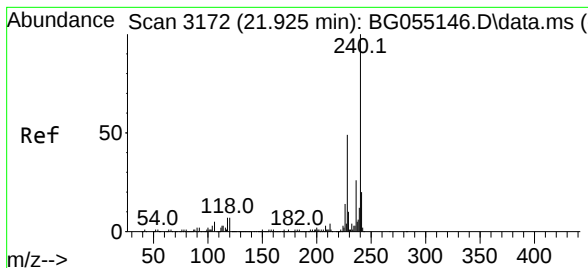
Tgt Ion:163 Resp: 18448
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2444
Delta R.T. 0.005 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion:188 Resp: 201037
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 7.0 7.0 10.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.930 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG055193.D

Acq: 17 Oct 2022 15:16

Instrument :

BNA_G

ClientSampleId :

557-E-2

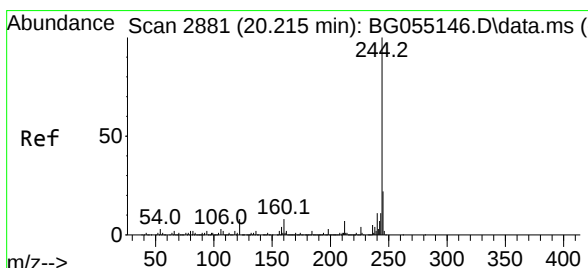
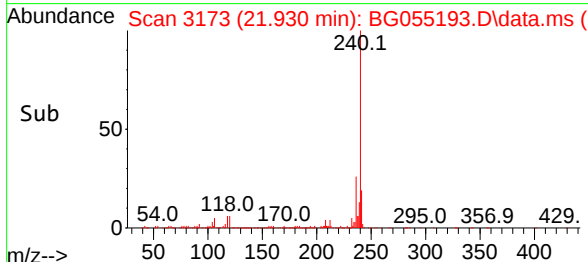
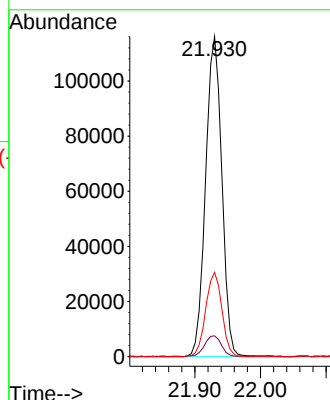
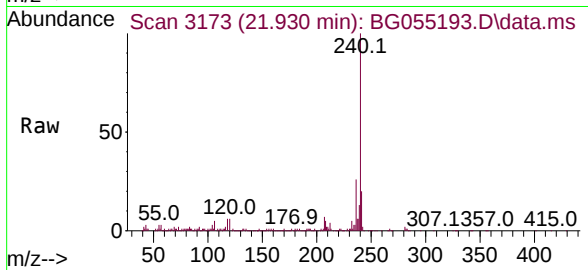
Tgt Ion:240 Resp: 198826

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

236 26.3 20.6 31.0



#79

Terphenyl-d14

Concen: 96.228 ng

RT: 20.220 min Scan# 2882

Delta R.T. 0.005 min

Lab File: BG055193.D

Acq: 17 Oct 2022 15:16

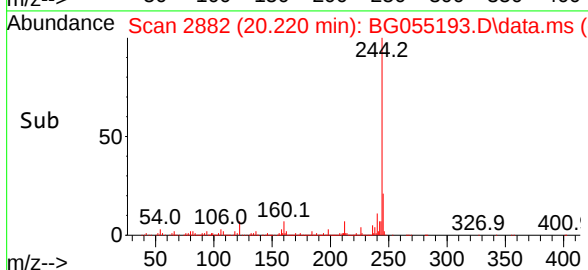
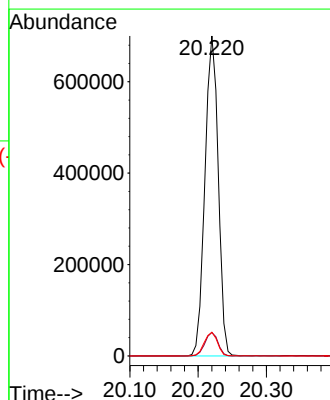
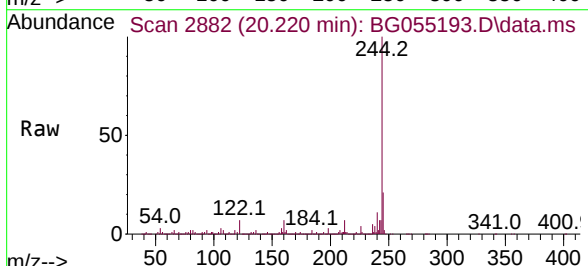
Tgt Ion:244 Resp: 949972

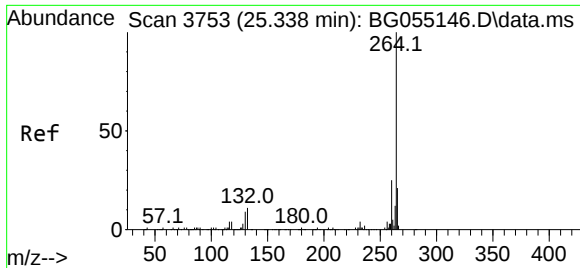
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 7.4 6.6 10.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.355 min Scan# 31

Delta R.T. 0.017 min

Lab File: BG055193.D

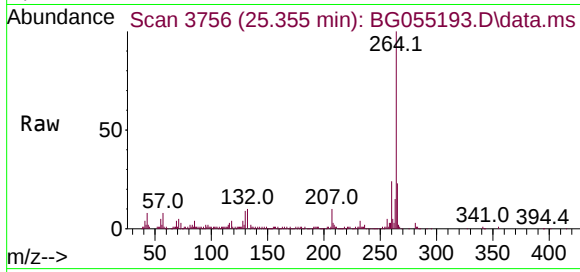
Acq: 17 Oct 2022 15:16

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:264 Resp: 217647

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 22.7 16.8 25.2

