

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
 Data File : BG056012.D
 Acq On : 19 Dec 2022 14:01
 Operator : CG/JU
 Sample : N6065-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-S

Quant Time: Dec 20 01:06:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 01:01:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	8424	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	29862	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	25235	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	76246	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	84785	20.000	ng	-0.01
86) Perylene-d12	25.509	264	89871	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	55297	153.943	ng	0.00
7) Phenol-d6	7.501	99	59014	127.739	ng	0.00
23) Nitrobenzene-d5	9.540	82	48420	113.311	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	112510	184.900	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	174420	96.937	ng	0.00
79) Terphenyl-d14	20.286	244	519654	108.325	ng	0.00

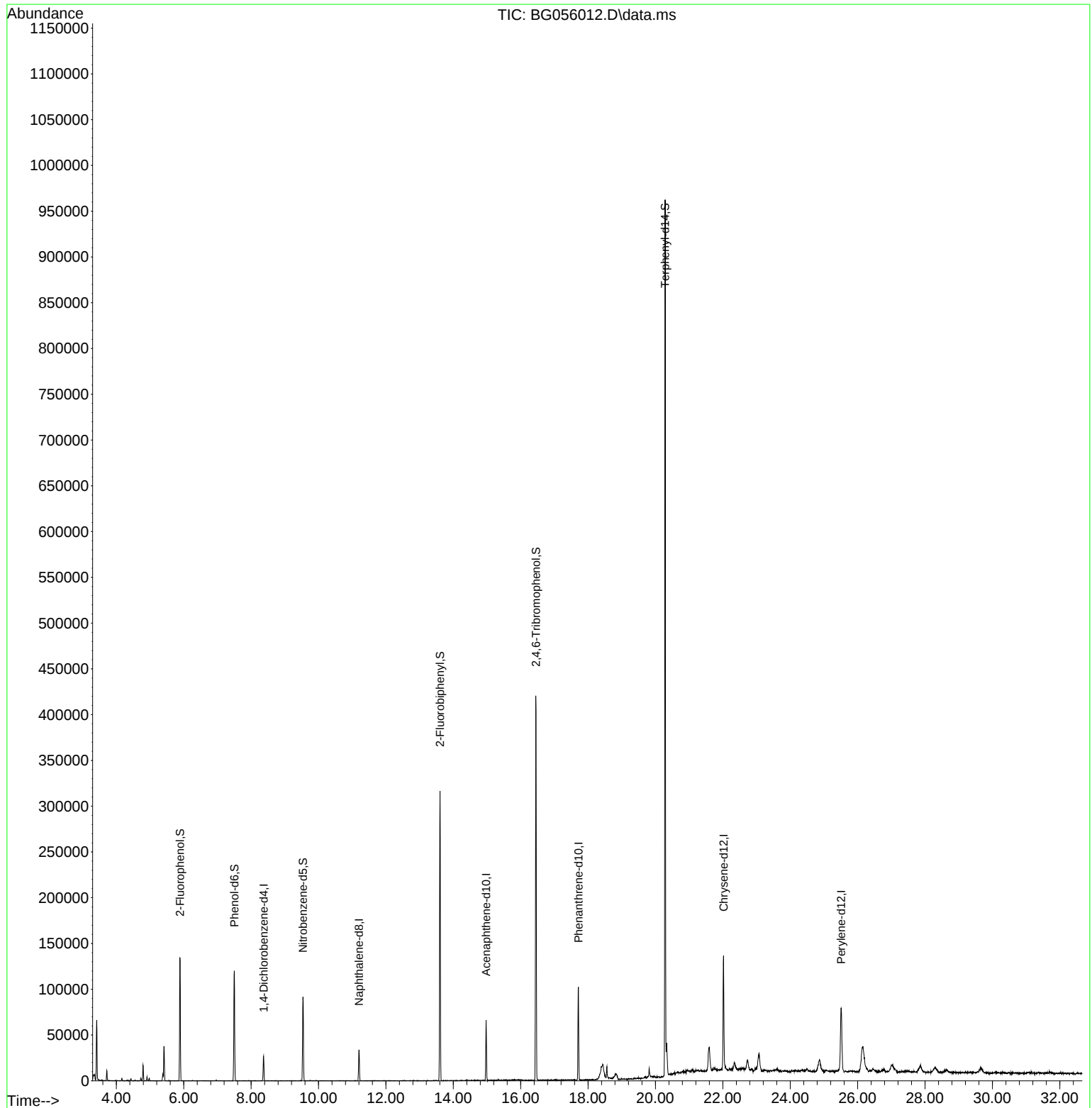
Target Compounds Qvalue

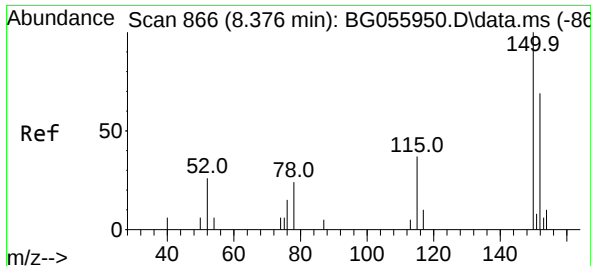
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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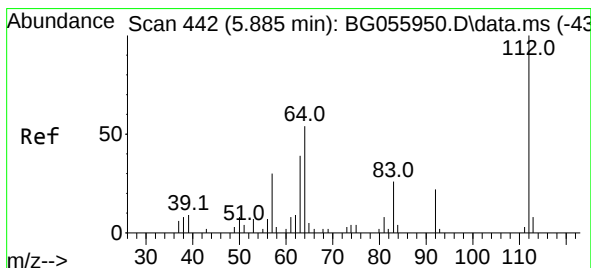
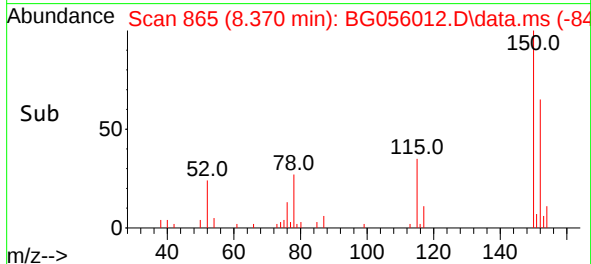
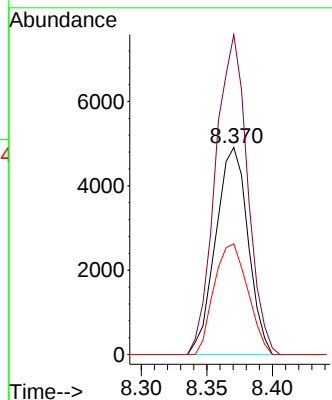
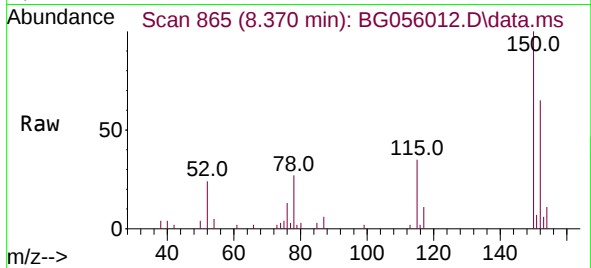




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 866
Delta R.T. 0.006 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

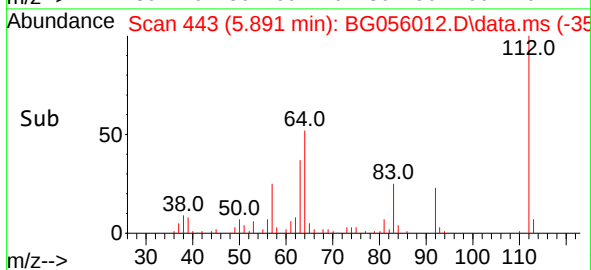
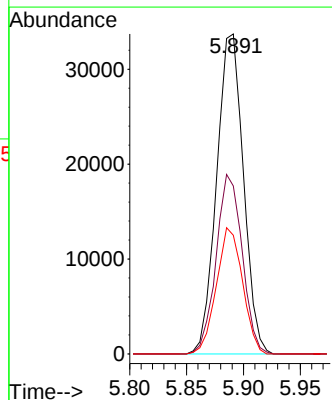
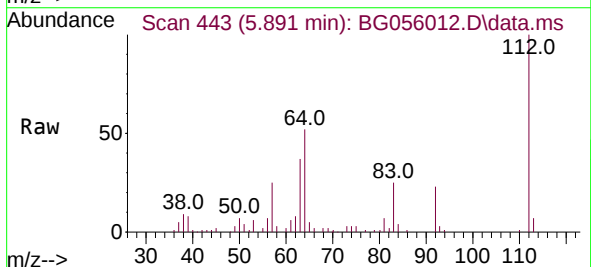
Instrument :
BNA_G
ClientSampleId :
TP-S

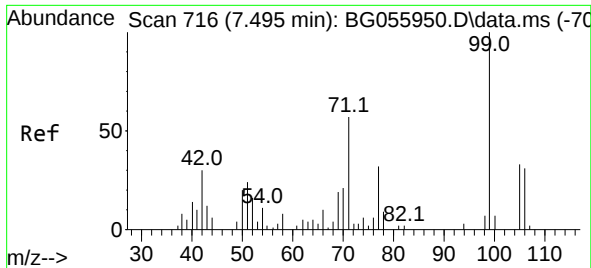
Tgt Ion:152 Resp: 8424
Ion Ratio Lower Upper
152 100
150 154.4 115.7 173.5
115 53.5 43.0 64.4



#5
2-Fluorophenol
Concen: 153.943 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.007 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

Tgt Ion:112 Resp: 55297
Ion Ratio Lower Upper
112 100
64 52.5 43.0 64.4
63 37.1 31.4 47.2

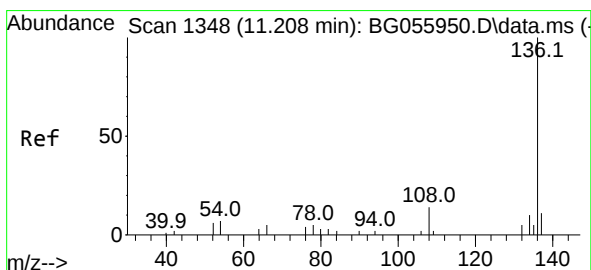
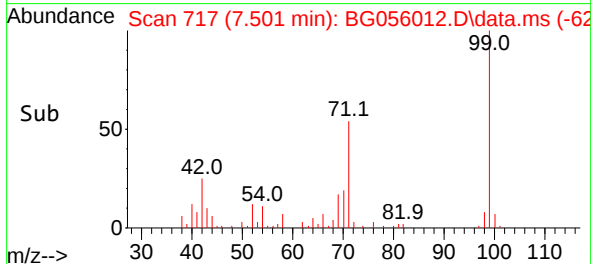
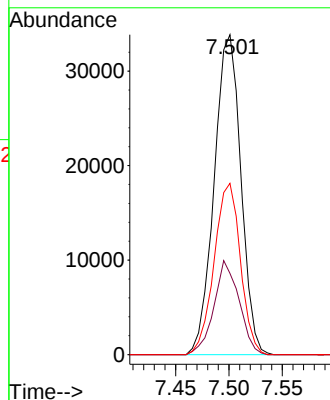
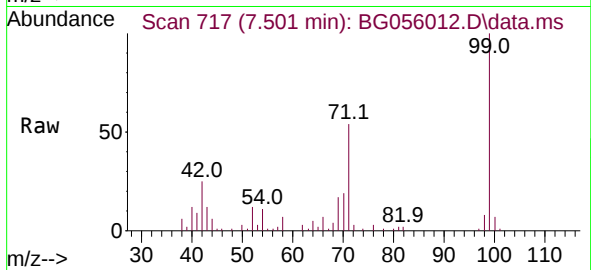




#7
Phenol-d6
Concen: 127.739 ng
RT: 7.501 min Scan# 716
Delta R.T. 0.007 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

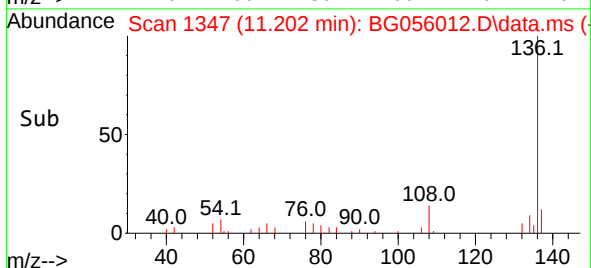
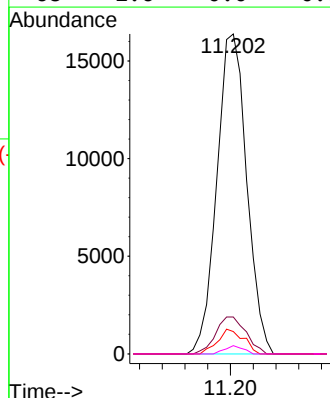
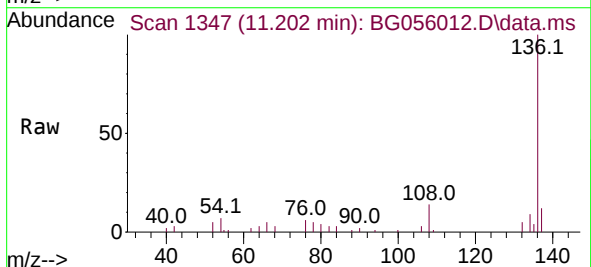
Instrument :
BNA_G
ClientSampleId :
TP-S

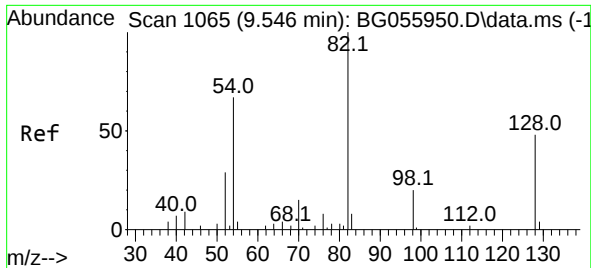
Tgt Ion: 99 Resp: 59014
Ion Ratio Lower Upper
99 100
42 25.4 24.3 36.5
71 53.5 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 1347
Delta R.T. -0.005 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

Tgt Ion:136 Resp: 29862
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.0 5.6 8.4
68 2.6 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 113.311 ng

RT: 9.540 min Scan# 1065

Delta R.T. -0.005 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

Instrument :

BNA_G

ClientSampleId :

TP-S

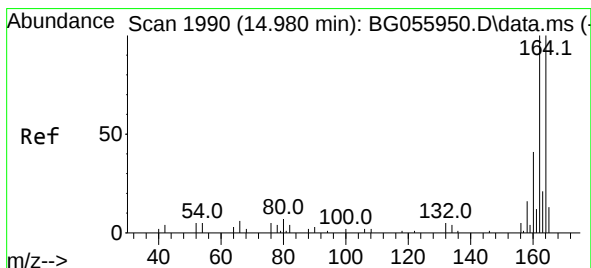
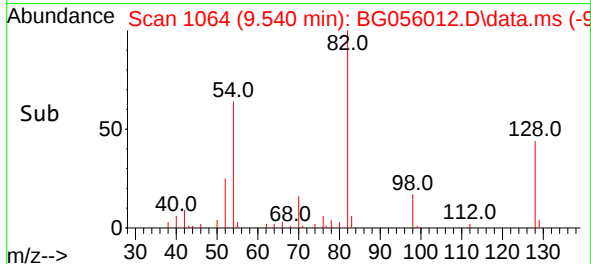
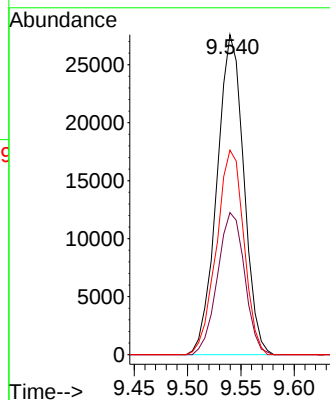
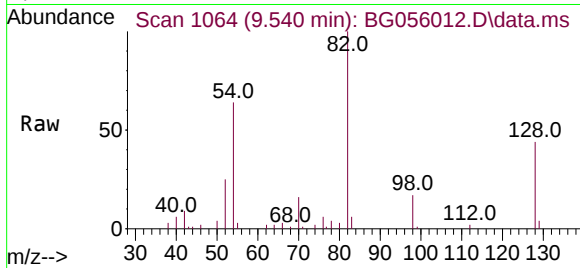
Tgt Ion: 82 Resp: 48420

Ion Ratio Lower Upper

82 100

128 44.4 38.4 57.6

54 63.9 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.975 min Scan# 1989

Delta R.T. -0.005 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

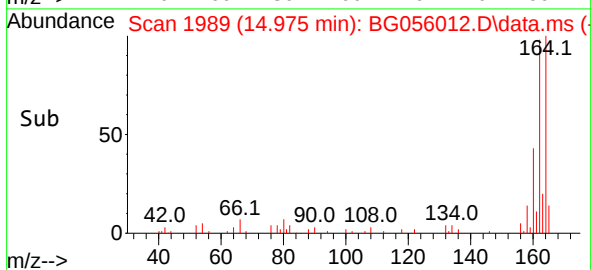
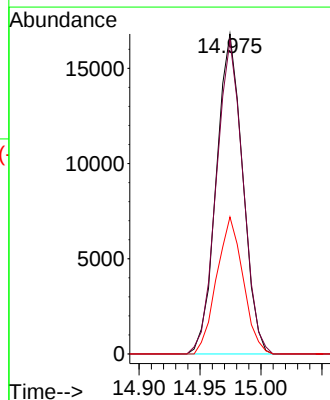
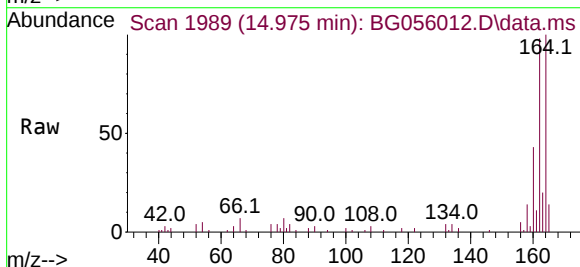
Tgt Ion:164 Resp: 25235

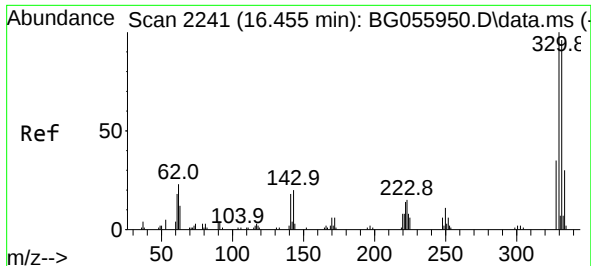
Ion Ratio Lower Upper

164 100

162 98.0 79.8 119.8

160 42.8 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 184.900 ng

RT: 16.455 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056012.D

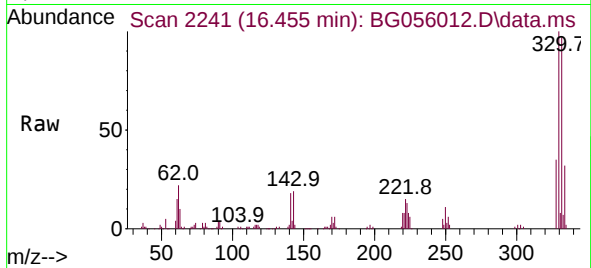
Acq: 19 Dec 2022 14:01

Instrument :

BNA_G

ClientSampleId :

TP-S



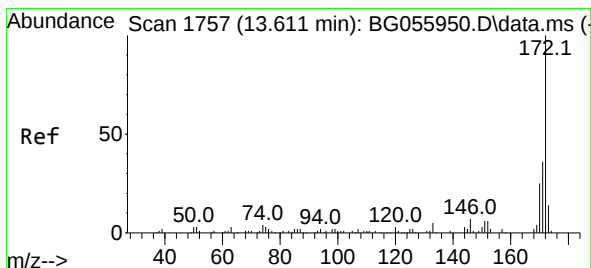
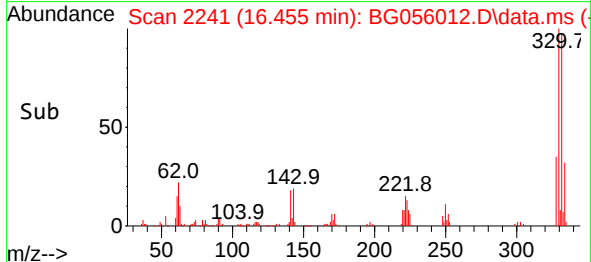
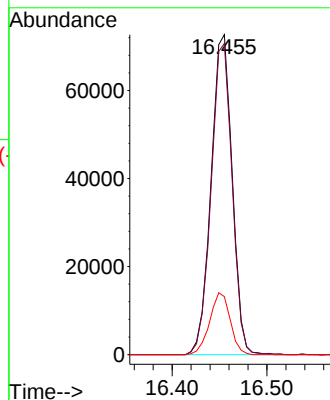
Tgt Ion:330 Resp: 112510

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

141 18.8 15.0 22.4



#45

2-Fluorobiphenyl

Concen: 96.937 ng

RT: 13.606 min Scan# 1756

Delta R.T. -0.005 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

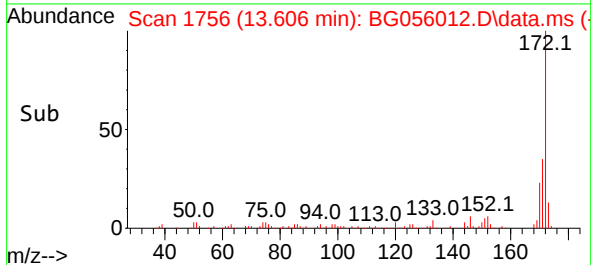
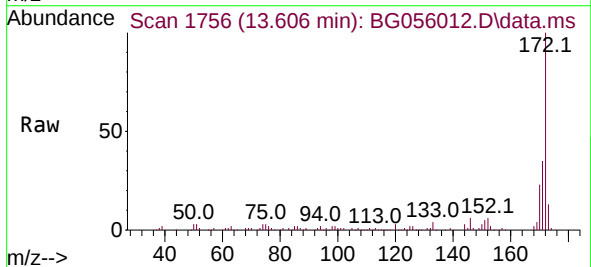
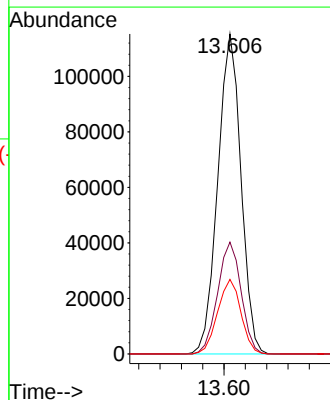
Tgt Ion:172 Resp: 174420

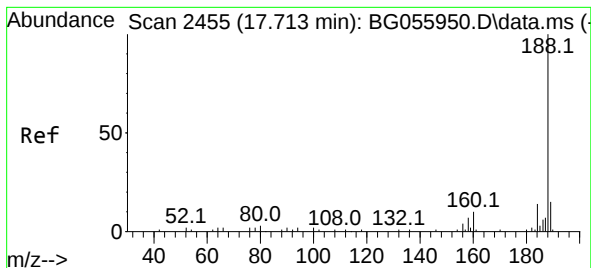
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.3 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

Instrument :

BNA_G

ClientSampleId :

TP-S

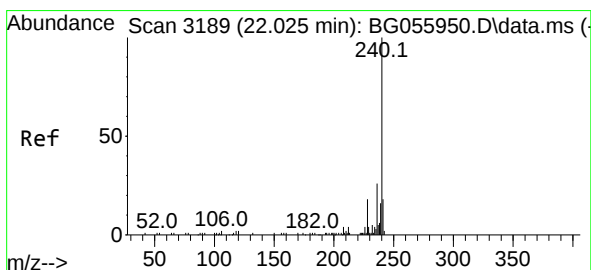
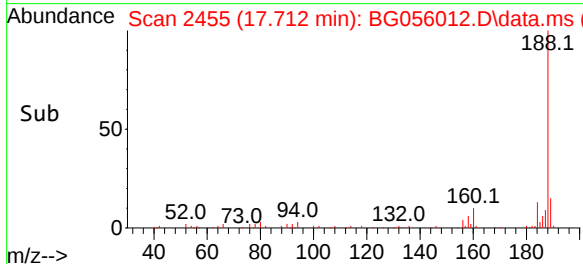
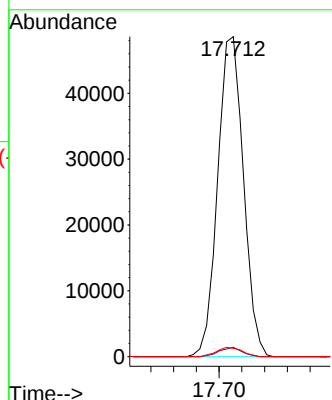
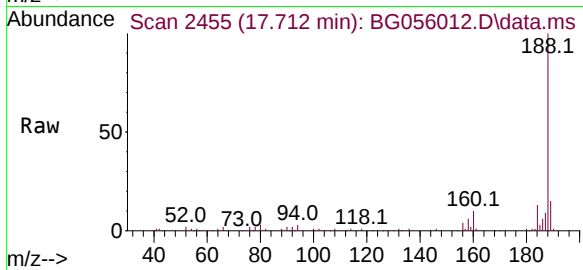
Tgt Ion:188 Resp: 76246

Ion Ratio Lower Upper

188 100

94 2.9 1.8 2.8#

80 2.6 2.4 3.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 3188

Delta R.T. -0.011 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

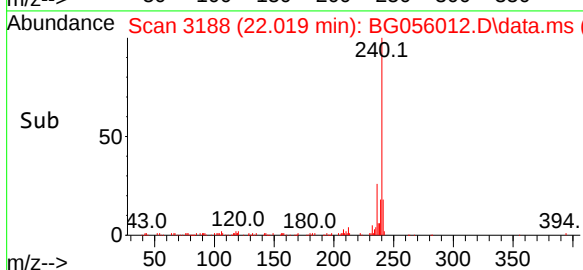
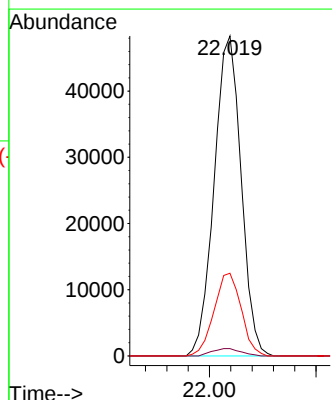
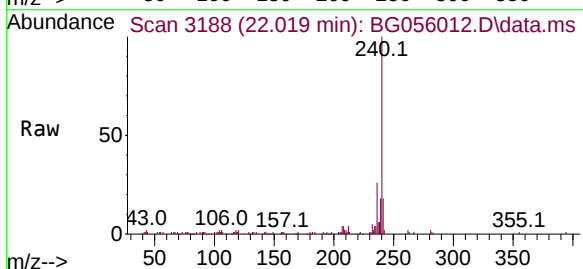
Tgt Ion:240 Resp: 84785

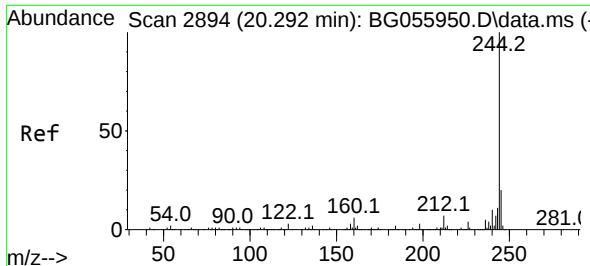
Ion Ratio Lower Upper

240 100

120 2.3 1.7 2.5

236 25.8 21.1 31.7

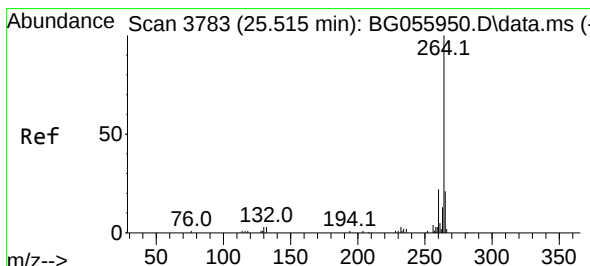
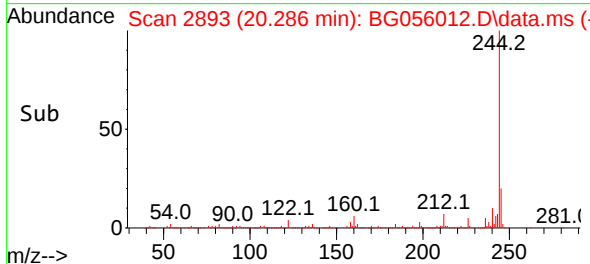
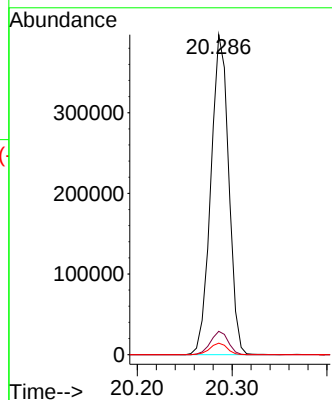
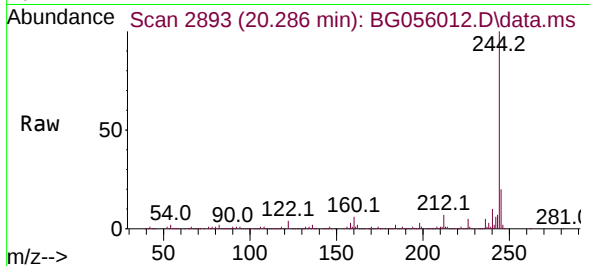




#79
 Terphenyl-d14
 Concen: 108.325 ng
 RT: 20.286 min Scan# 2893
 Delta R.T. -0.005 min
 Lab File: BG056012.D
 Acq: 19 Dec 2022 14:01

Instrument :
 BNA_G
 ClientSampleId :
 TP-S

Tgt Ion:244 Resp: 519654
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 3.6 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.509 min Scan# 3782
 Delta R.T. -0.017 min
 Lab File: BG056012.D
 Acq: 19 Dec 2022 14:01

Tgt Ion:264 Resp: 89871
 Ion Ratio Lower Upper
 264 100
 260 25.7 17.8 26.8
 265 21.7 16.6 25.0

