

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059866.D
 Acq On : 24 Nov 2023 20:23
 Operator : MA/JU
 Sample : 05469-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Nov 25 01:01:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	24679	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	109077	20.000	ng	# 0.00
39) Acenaphthene-d10	14.951	164	111930	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	263651	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	209908	20.000	ng	#-0.01
86) Perylene-d12	25.585	264	226616	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	223050	152.123	ng	0.00
7) Phenol-d6	7.442	99	269587	124.071	ng	0.00
23) Nitrobenzene-d5	9.516	82	285360	99.915	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	231257	182.094	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	684243	82.286	ng	0.00
79) Terphenyl-d14	20.280	244	1509427	106.155	ng	0.00

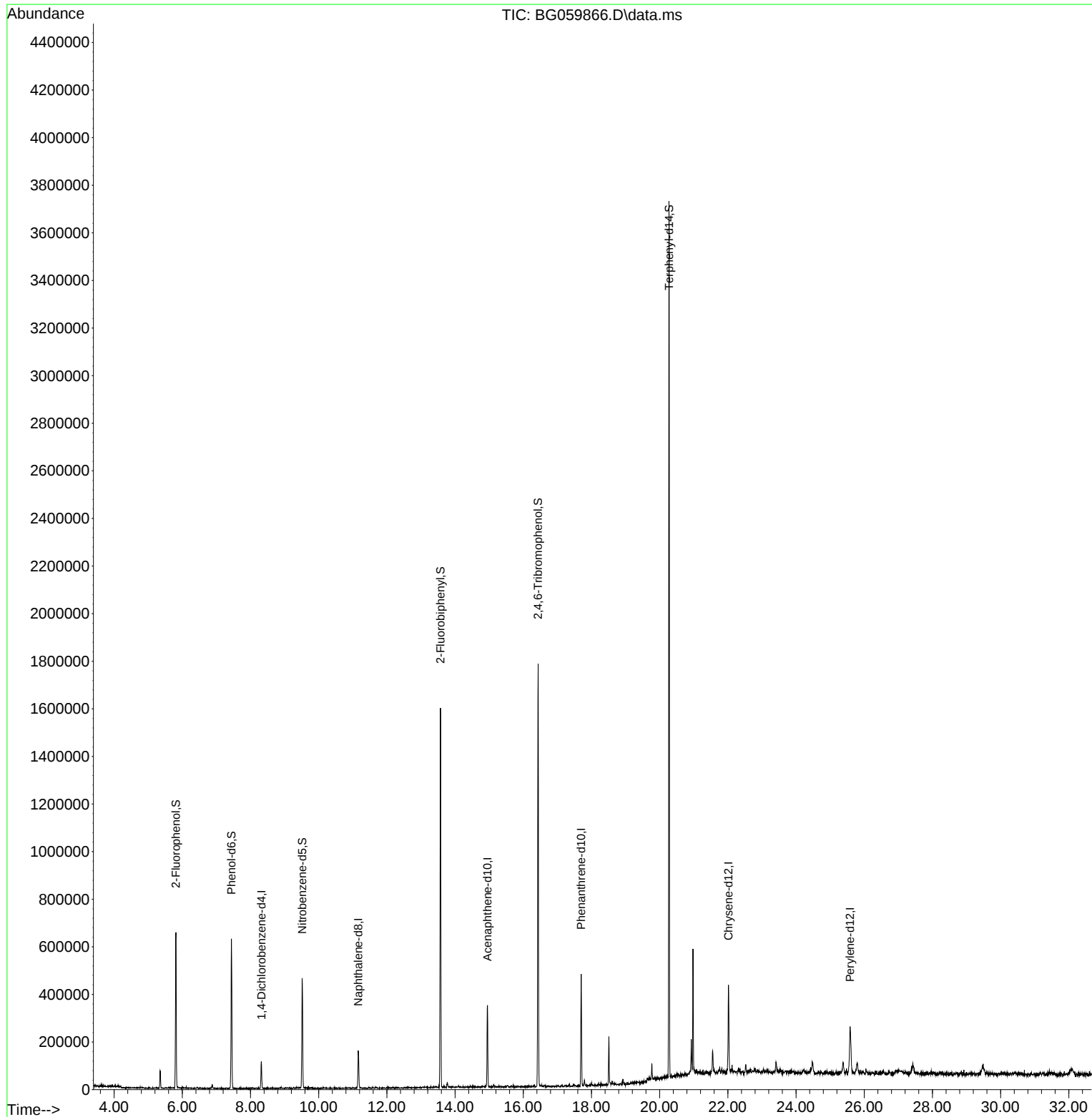
Target Compounds Qvalue

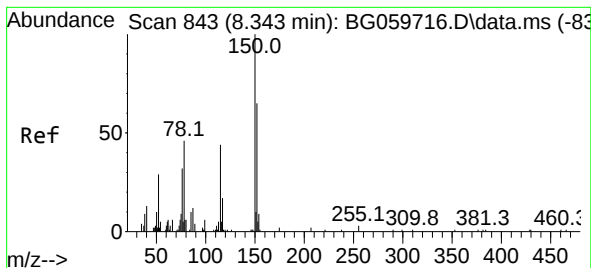
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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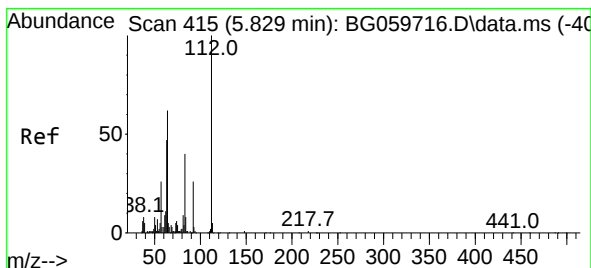
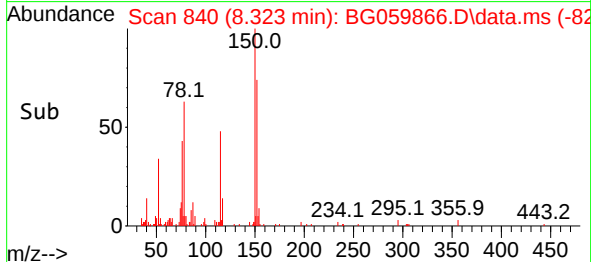
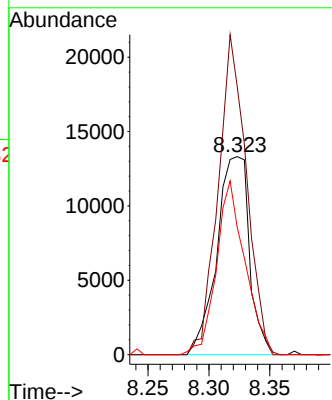
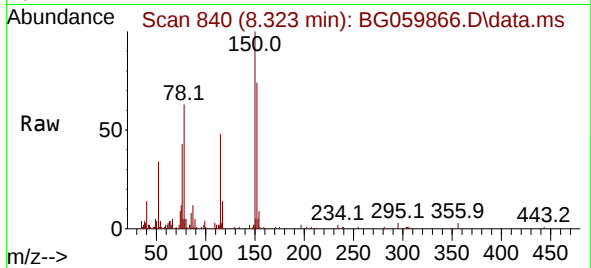




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 84
Delta R.T. 0.008 min
Lab File: BG059866.D
Acq: 24 Nov 2023 20:23

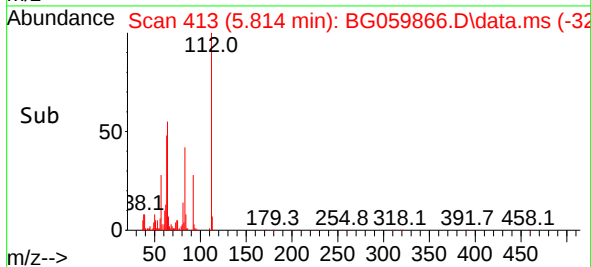
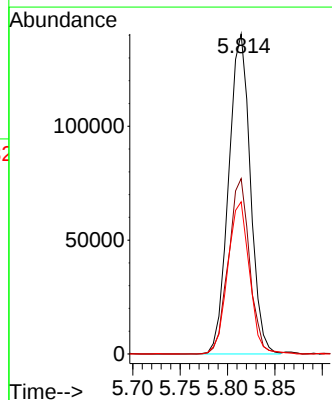
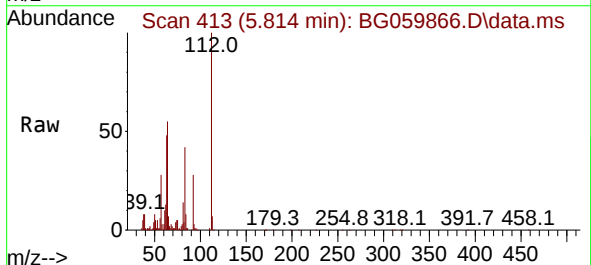
Instrument :
BNA_G
ClientSampleId :
TP-12

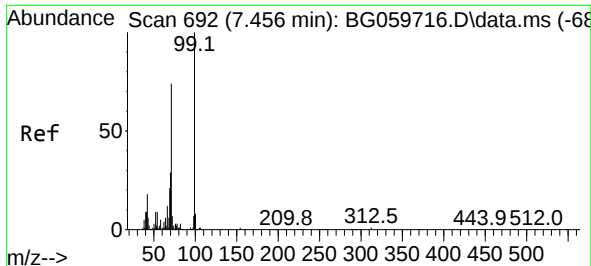
Tgt Ion:152 Resp: 24679
Ion Ratio Lower Upper
152 100
150 135.6 122.2 183.4
115 64.5 54.2 81.4



#5
2-Fluorophenol
Concen: 152.123 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.003 min
Lab File: BG059866.D
Acq: 24 Nov 2023 20:23

Tgt Ion:112 Resp: 223050
Ion Ratio Lower Upper
112 100
64 54.8 49.5 74.3
63 47.6 37.4 56.2

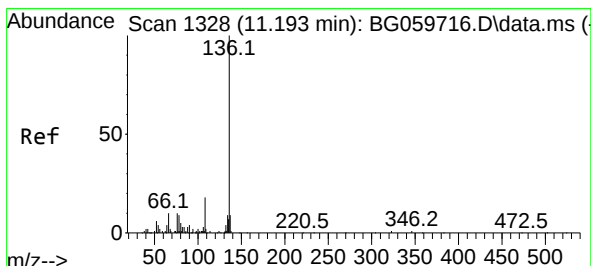
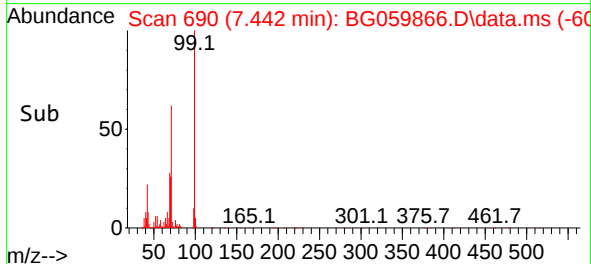
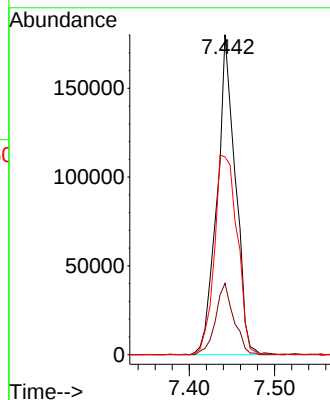
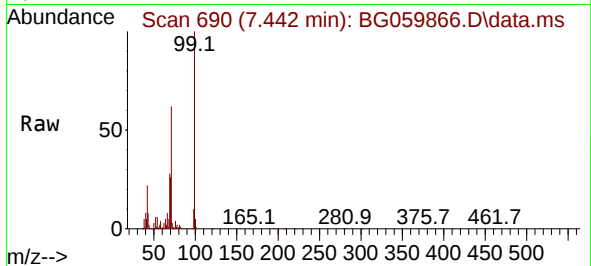




#7
Phenol-d6
Concen: 124.071 ng
RT: 7.442 min Scan# 692
Delta R.T. -0.003 min
Lab File: BG059866.D
Acq: 24 Nov 2023 20:23

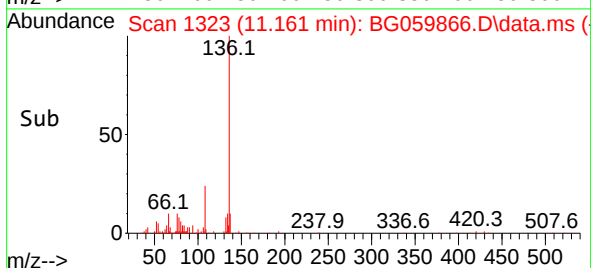
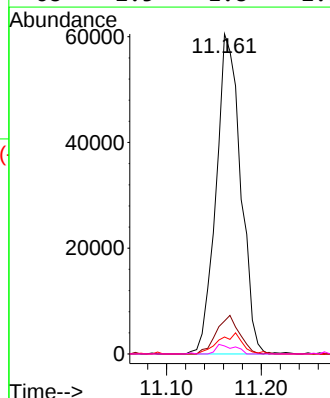
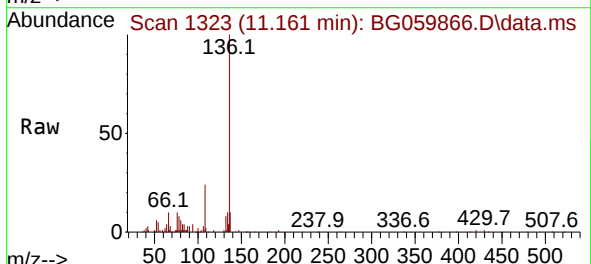
Instrument :
BNA_G
ClientSampleId :
TP-12

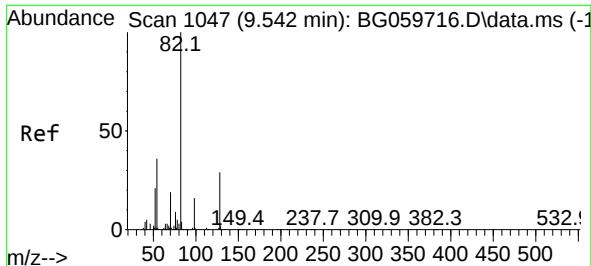
Tgt Ion: 99 Resp: 269587
Ion Ratio Lower Upper
99 100
42 22.3 14.3 21.5#
71 61.8 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 1323
Delta R.T. -0.009 min
Lab File: BG059866.D
Acq: 24 Nov 2023 20:23

Tgt Ion:136 Resp: 109077
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.0
54 5.3 3.1 4.7#
68 2.5 1.8 2.8

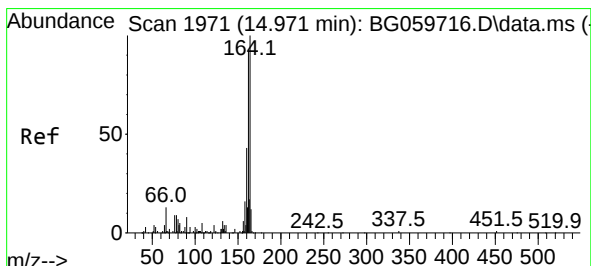
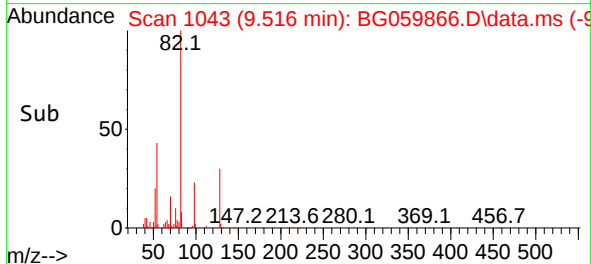
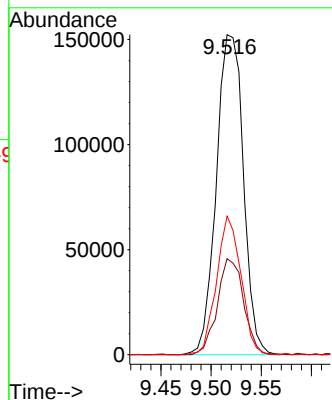
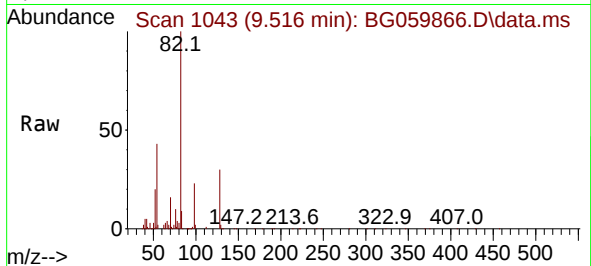




#23
Nitrobenzene-d5
Concen: 99.915 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059866.D
Acq: 24 Nov 2023 20:23

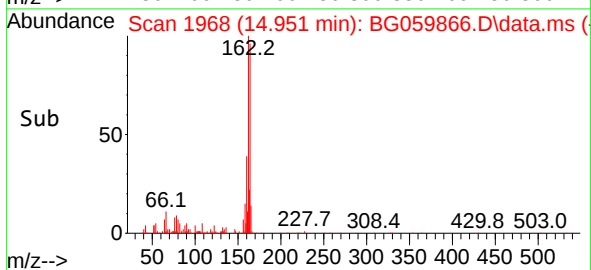
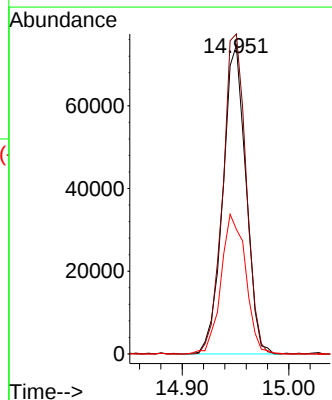
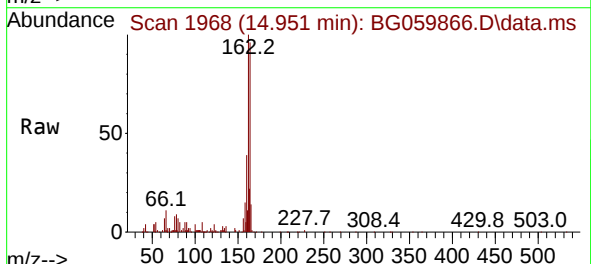
Instrument :
BNA_G
ClientSampleId :
TP-12

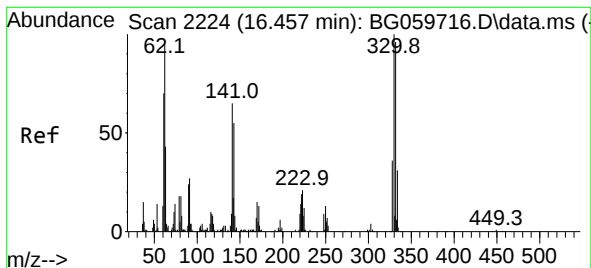
Tgt Ion: 82 Resp: 285360
Ion Ratio Lower Upper
82 100
128 30.0 23.0 34.6
54 43.3 28.7 43.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG059866.D
Acq: 24 Nov 2023 20:23

Tgt Ion:164 Resp: 111930
Ion Ratio Lower Upper
164 100
162 103.7 73.3 109.9
160 40.4 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 182.094 ng

RT: 16.437 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059866.D

Acq: 24 Nov 2023 20:23

Instrument :

BNA_G

ClientSampleId :

TP-12

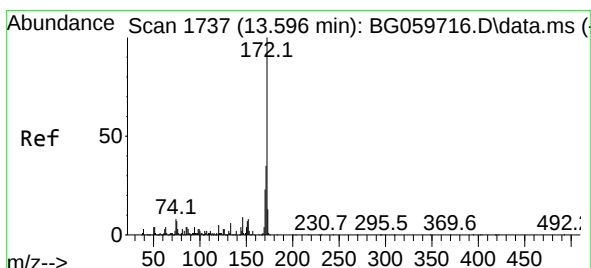
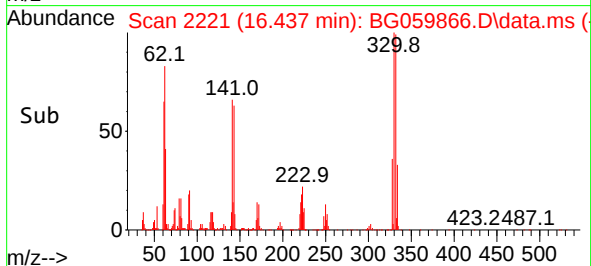
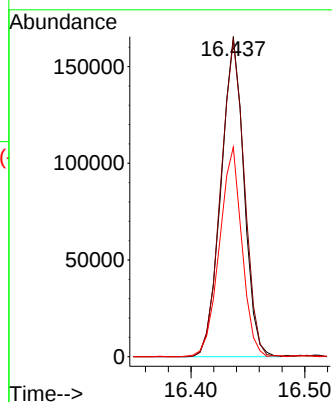
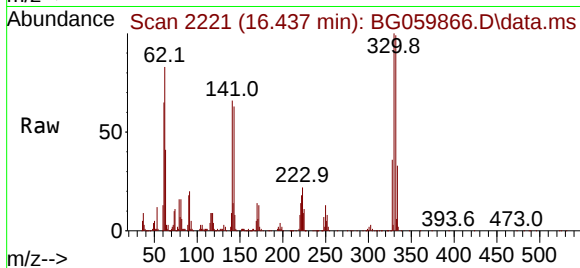
Tgt Ion:330 Resp: 231257

Ion Ratio Lower Upper

330 100

332 101.8 73.3 109.9

141 64.4 52.1 78.1



#45

2-Fluorobiphenyl

Concen: 82.286 ng

RT: 13.570 min Scan# 1733

Delta R.T. -0.009 min

Lab File: BG059866.D

Acq: 24 Nov 2023 20:23

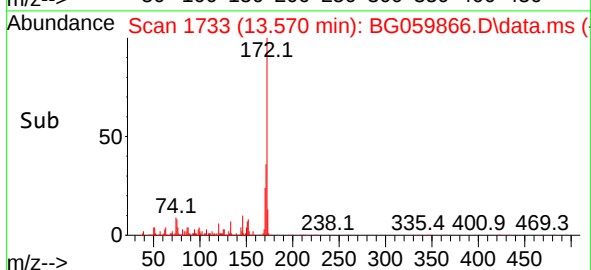
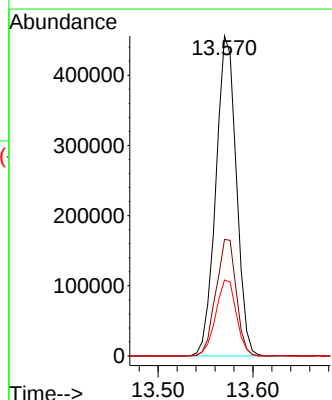
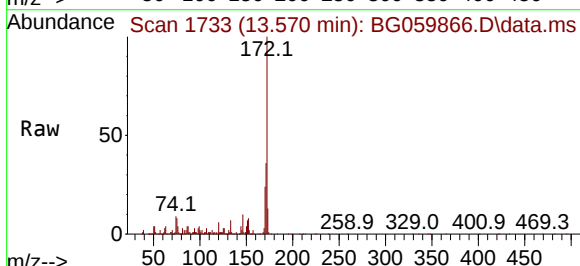
Tgt Ion:172 Resp: 684243

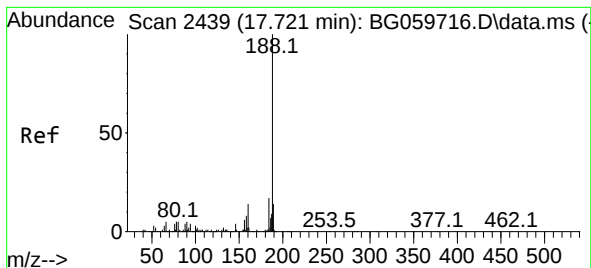
Ion Ratio Lower Upper

172 100

171 36.4 27.7 41.5

170 23.7 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.700 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BG059866.D

Acq: 24 Nov 2023 20:23

Instrument :

BNA_G

ClientSampleId :

TP-12

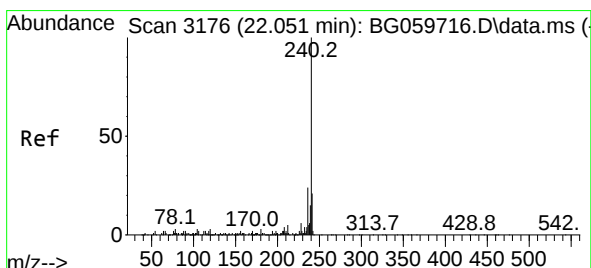
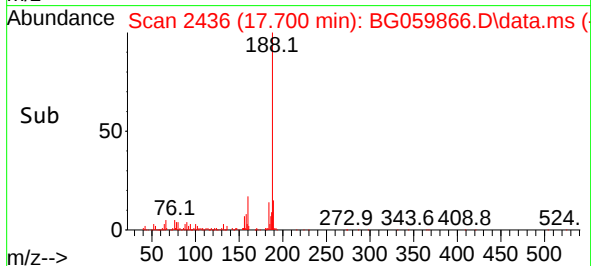
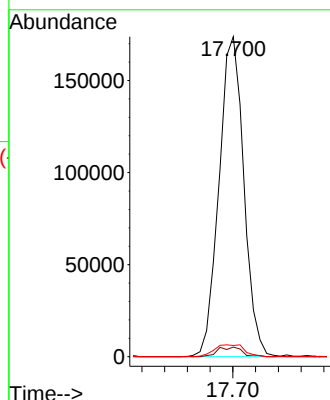
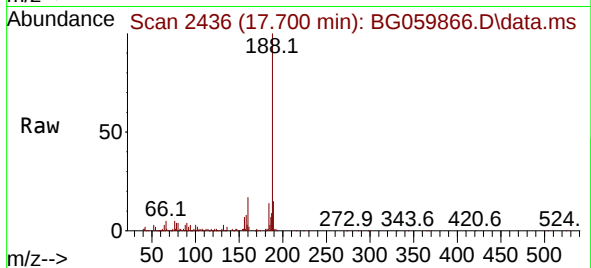
Tgt Ion:188 Resp: 263651

Ion Ratio Lower Upper

188 100

94 3.0 3.0 4.4

80 3.5 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 3171

Delta R.T. -0.015 min

Lab File: BG059866.D

Acq: 24 Nov 2023 20:23

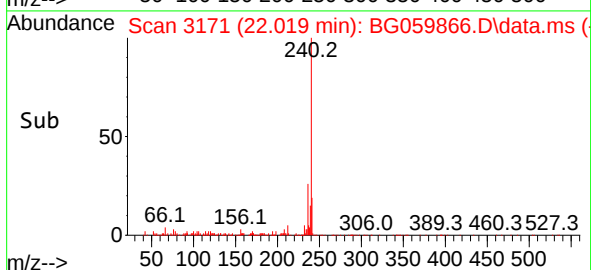
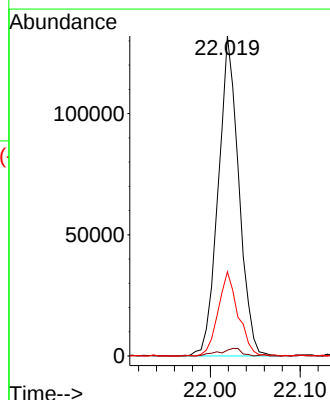
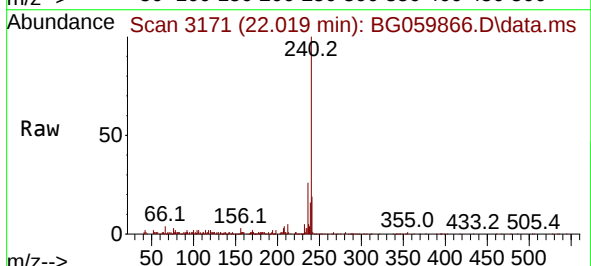
Tgt Ion:240 Resp: 209908

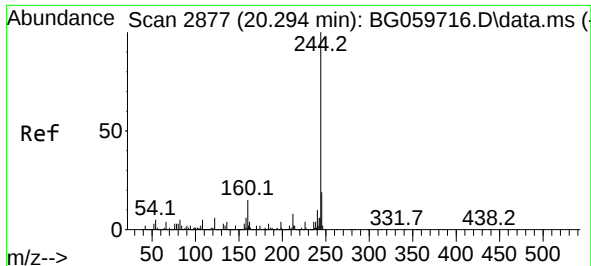
Ion Ratio Lower Upper

240 100

120 1.8 2.2 3.2#

236 26.3 19.4 29.2

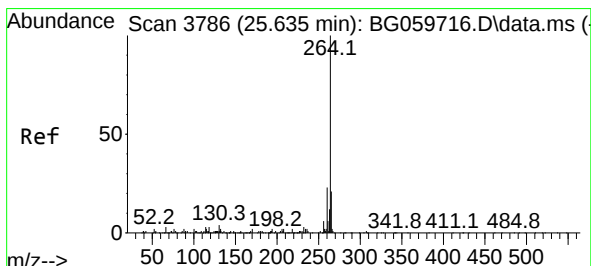
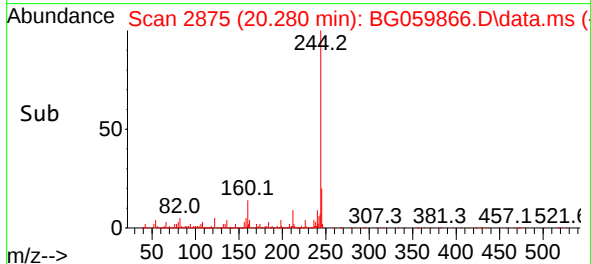
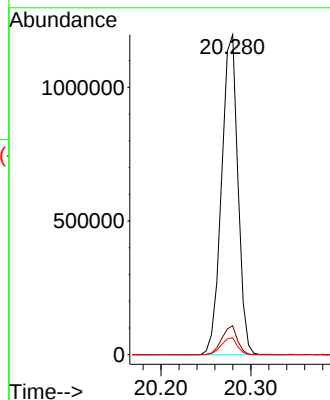
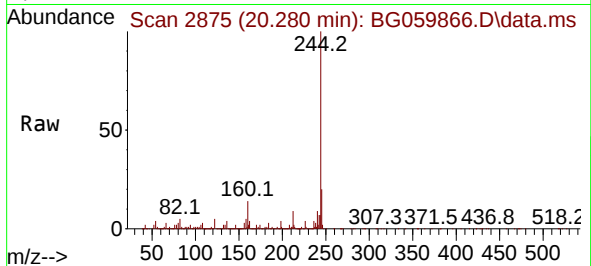




#79
 Terphenyl-d14
 Concen: 106.155 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG059866.D
 Acq: 24 Nov 2023 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tgt Ion:244 Resp: 1509427
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.6 10.0
 122 5.3 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.585 min Scan# 3778
 Delta R.T. -0.027 min
 Lab File: BG059866.D
 Acq: 24 Nov 2023 20:23

Tgt Ion:264 Resp: 226616
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 23.1 17.0 25.6

