

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055818.D
 Acq On : 28 Nov 2022 23:58
 Operator : CG/JU
 Sample : N5752-12 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-12D

Quant Time: Nov 29 02:17:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	57592	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	232467	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	147030	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	291777	20.000	ng	# 0.00
76) Chrysene-d12	21.901	240	272972	20.000	ng	0.00
86) Perylene-d12	25.332	264	271135	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	52558	16.495	ng	0.00
7) Phenol-d6	7.383	99	68630	16.181	ng	0.00
23) Nitrobenzene-d5	9.404	82	39202	8.913	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	31636	15.280	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	112610	11.474	ng	0.00
79) Terphenyl-d14	20.185	244	155548	11.397	ng	0.00

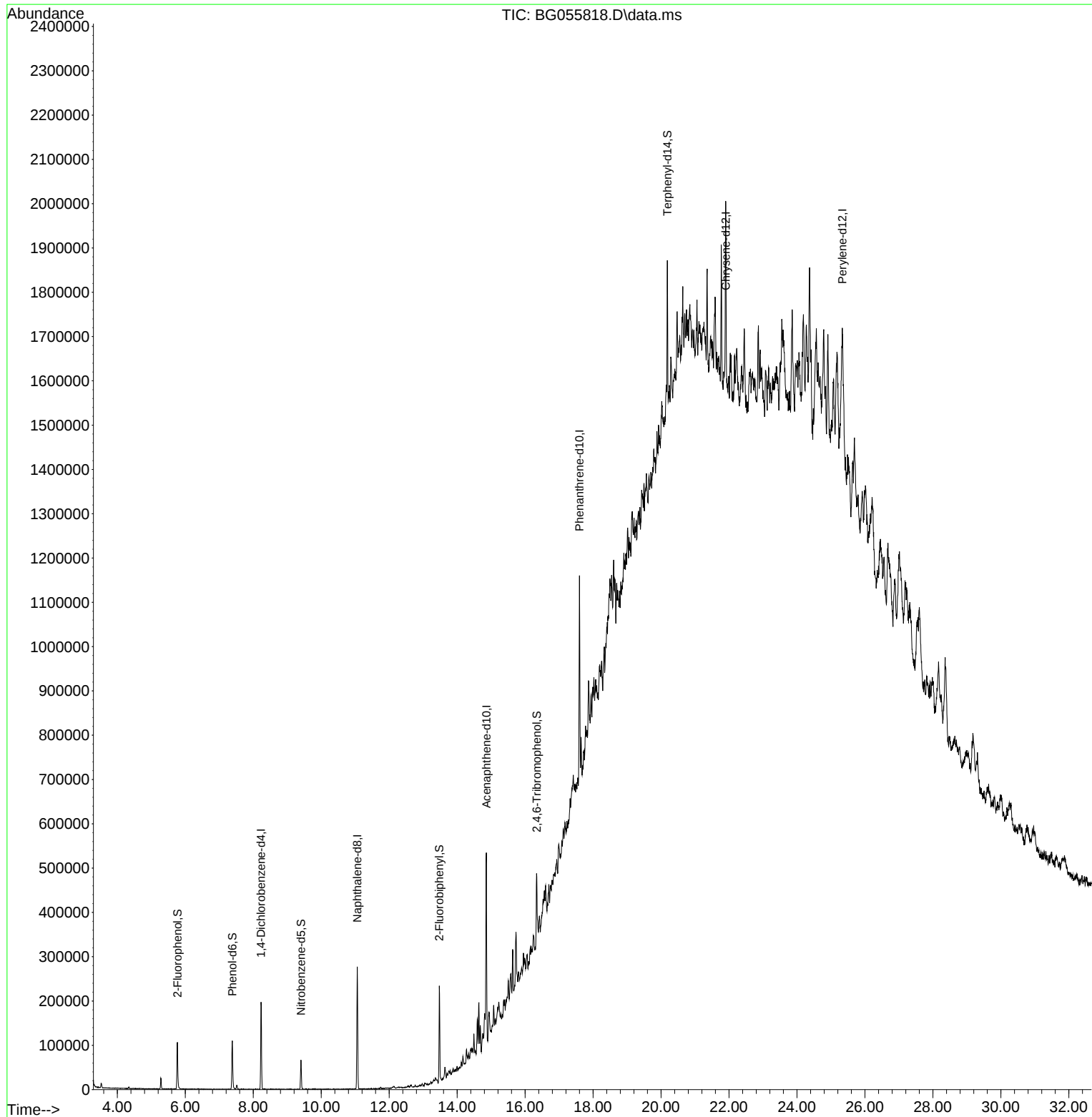
Target Compounds Qvalue

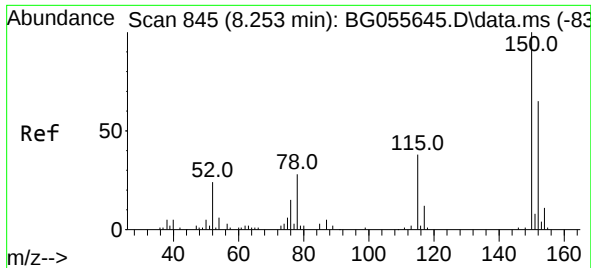
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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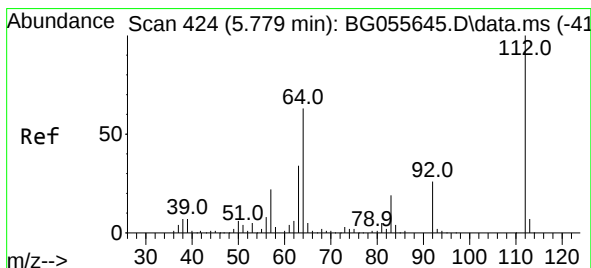
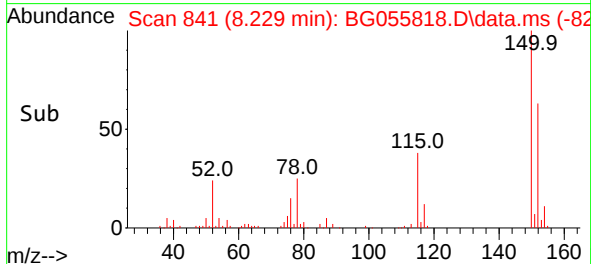
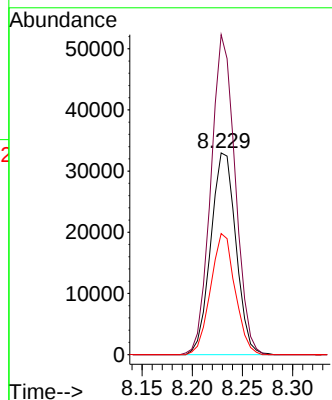
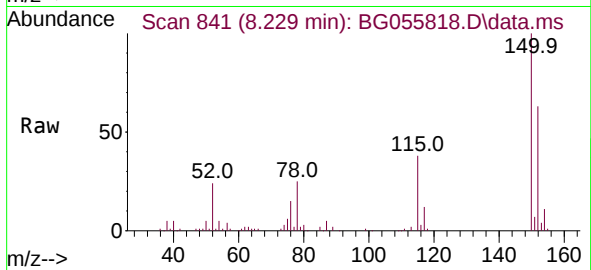




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055818.D
Acq: 28 Nov 2022 23:58

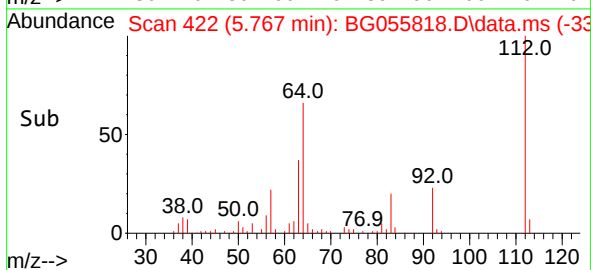
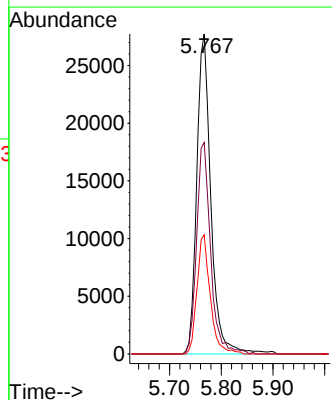
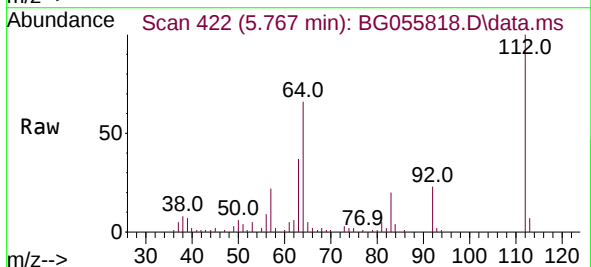
Instrument :
BNA_G
ClientSampleId :
B-12D

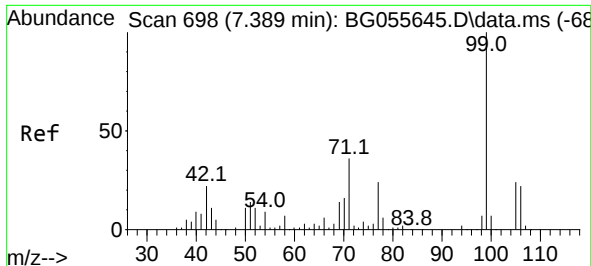
Tgt Ion:152 Resp: 57592
Ion Ratio Lower Upper
152 100
150 158.7 123.0 184.6
115 60.0 47.0 70.4



#5
2-Fluorophenol
Concen: 16.495 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.009 min
Lab File: BG055818.D
Acq: 28 Nov 2022 23:58

Tgt Ion:112 Resp: 52558
Ion Ratio Lower Upper
112 100
64 66.1 50.6 76.0
63 37.2 27.5 41.3

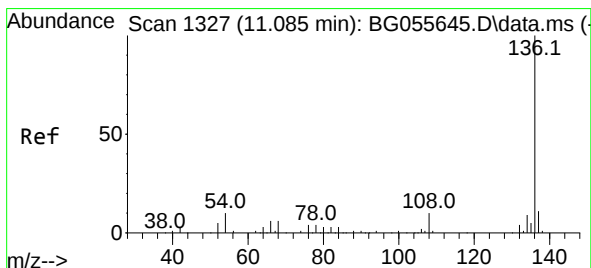
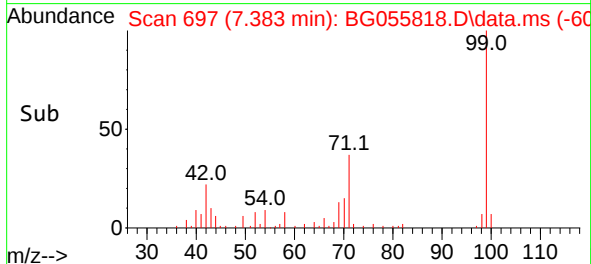
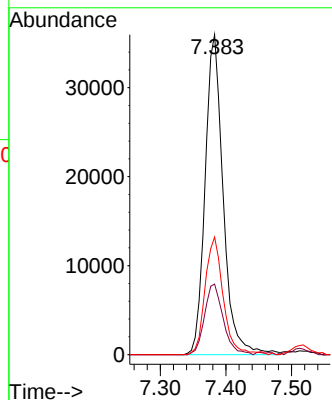
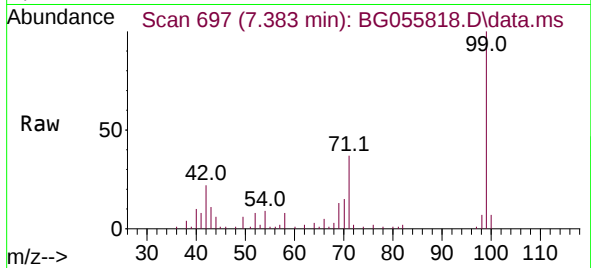




#7
Phenol-d6
Concen: 16.181 ng
RT: 7.383 min Scan# 69
Delta R.T. 0.003 min
Lab File: BG055818.D
Acq: 28 Nov 2022 23:58

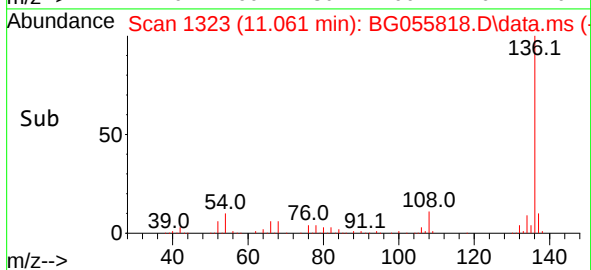
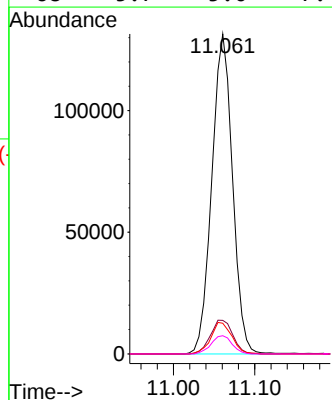
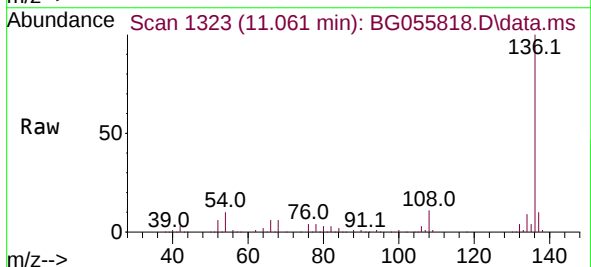
Instrument :
BNA_G
ClientSampleId :
B-12D

Tgt Ion: 99 Resp: 68630
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.7 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1323
Delta R.T. -0.002 min
Lab File: BG055818.D
Acq: 28 Nov 2022 23:58

Tgt Ion:136 Resp: 232467
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.6 7.8 11.6
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 8.913 ng

RT: 9.404 min Scan# 1045

Delta R.T. -0.002 min

Lab File: BG055818.D

Acq: 28 Nov 2022 23:58

Instrument :

BNA_G

ClientSampleId :

B-12D

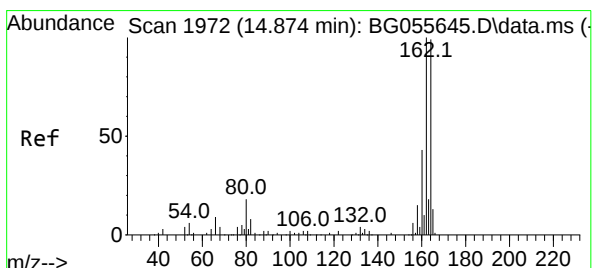
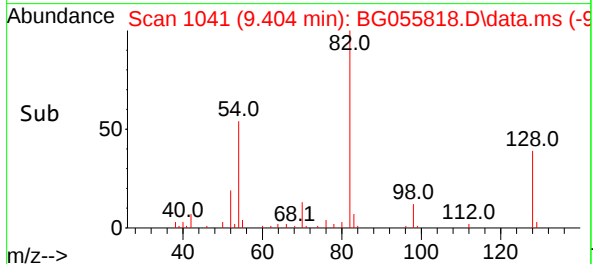
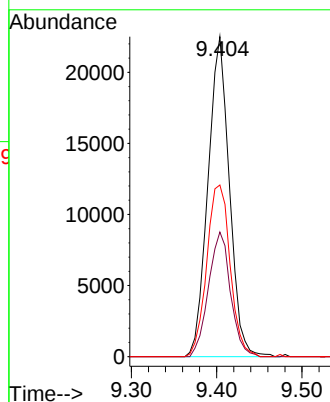
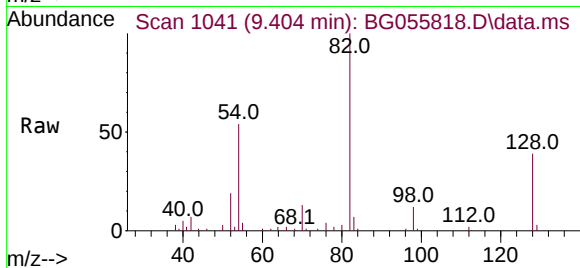
Tgt Ion: 82 Resp: 39202

Ion Ratio Lower Upper

82 100

128 38.9 34.1 51.1

54 53.6 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.856 min Scan# 1969

Delta R.T. -0.002 min

Lab File: BG055818.D

Acq: 28 Nov 2022 23:58

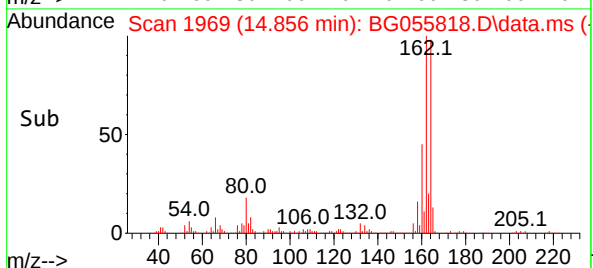
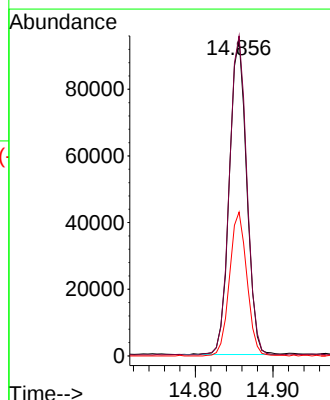
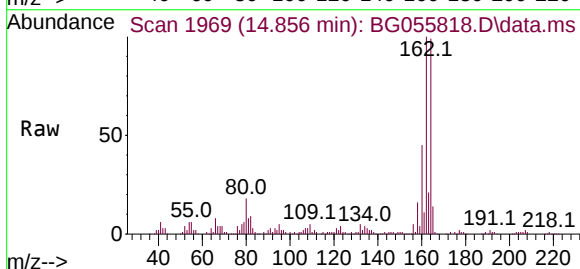
Tgt Ion: 164 Resp: 147030

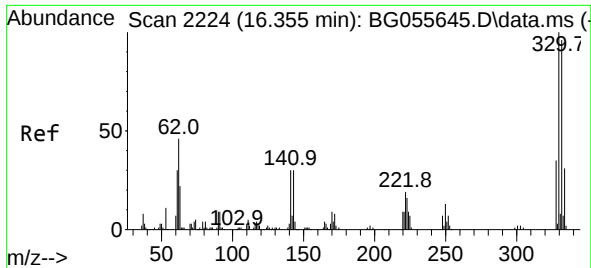
Ion Ratio Lower Upper

164 100

162 101.1 81.1 121.7

160 45.4 34.8 52.2

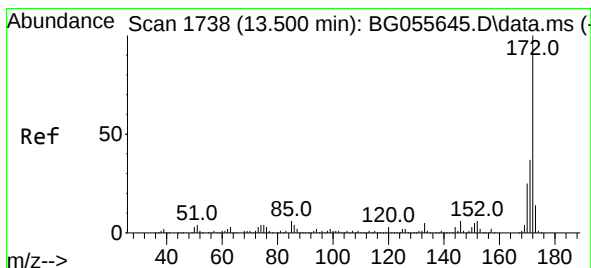
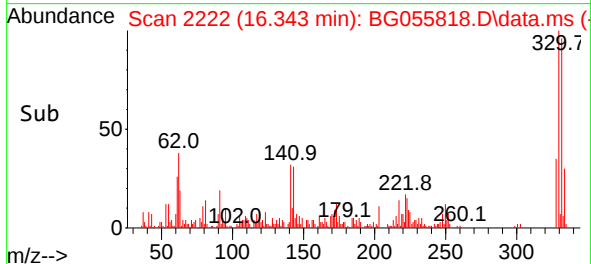
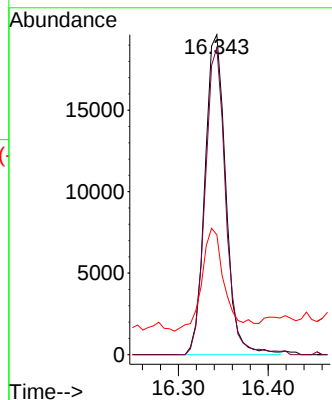
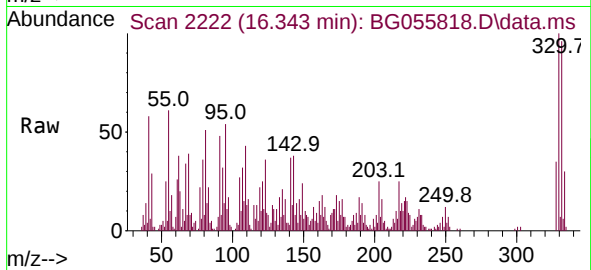




#42
2,4,6-Tribromophenol
Concen: 15.280 ng
RT: 16.343 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055818.D
Acq: 28 Nov 2022 23:58

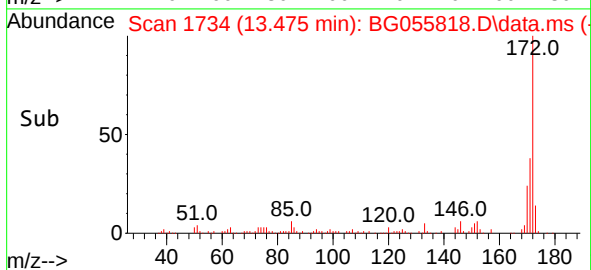
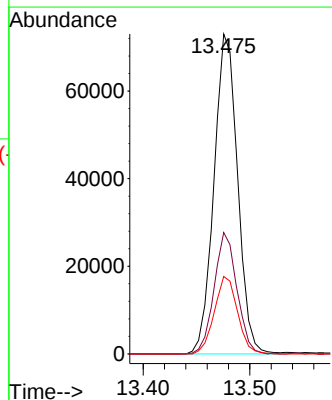
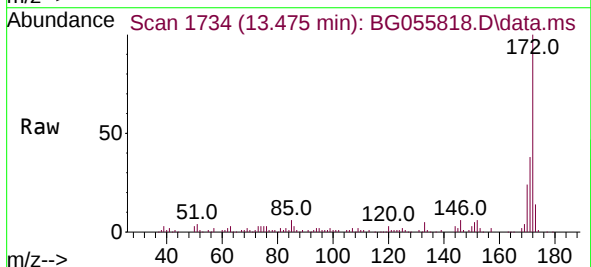
Instrument :
BNA_G
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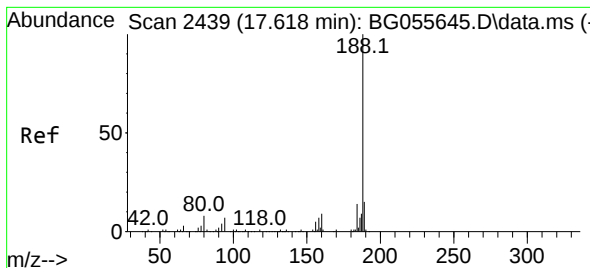
Tgt Ion:330 Resp: 31636
Ion Ratio Lower Upper
330 100
332 95.0 77.8 116.8
141 35.7 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 11.474 ng
RT: 13.475 min Scan# 1734
Delta R.T. -0.008 min
Lab File: BG055818.D
Acq: 28 Nov 2022 23:58

Tgt Ion:172 Resp: 112610
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 24.2 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.600 min Scan# 2439

Delta R.T. 0.003 min

Lab File: BG055818.D

Acq: 28 Nov 2022 23:58

Instrument :

BNA_G

ClientSampleId :

B-12D

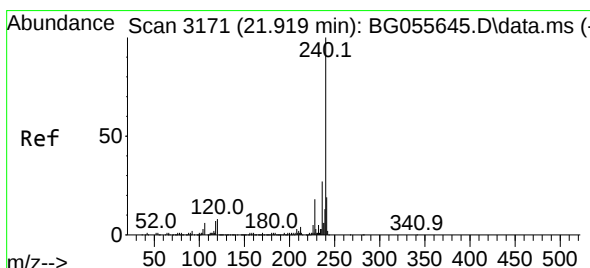
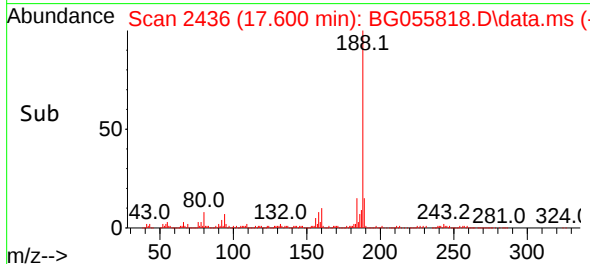
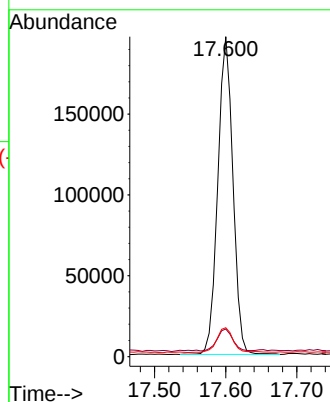
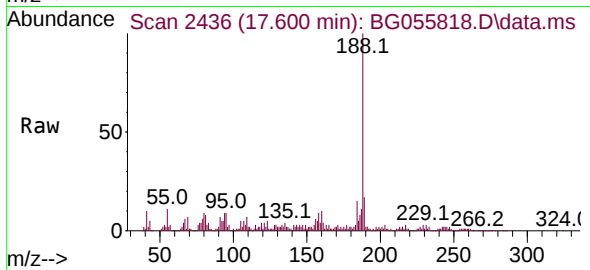
Tgt Ion:188 Resp: 291777

Ion Ratio Lower Upper

188 100

94 8.6 5.4 8.2#

80 9.1 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.901 min Scan# 3168

Delta R.T. 0.009 min

Lab File: BG055818.D

Acq: 28 Nov 2022 23:58

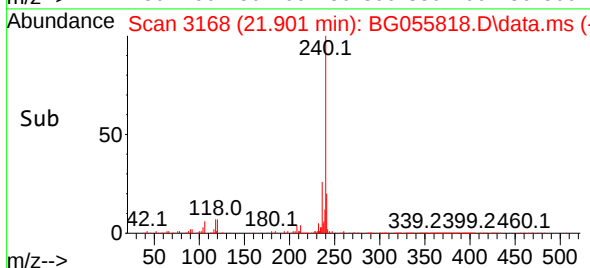
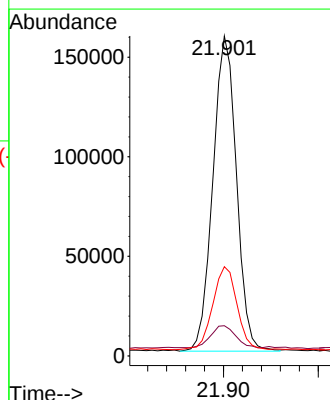
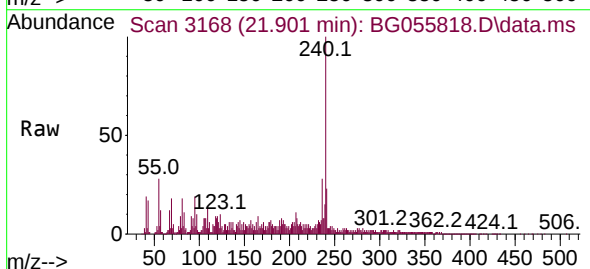
Tgt Ion:240 Resp: 272972

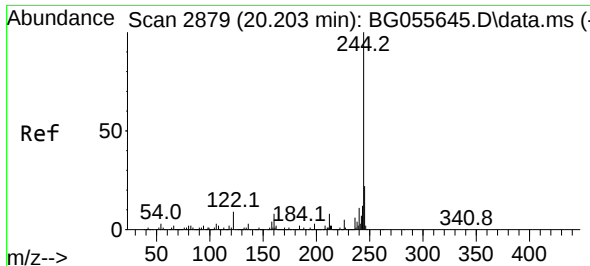
Ion Ratio Lower Upper

240 100

120 9.4 6.3 9.5

236 27.9 21.9 32.9

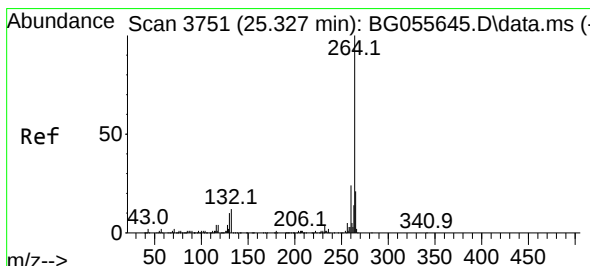
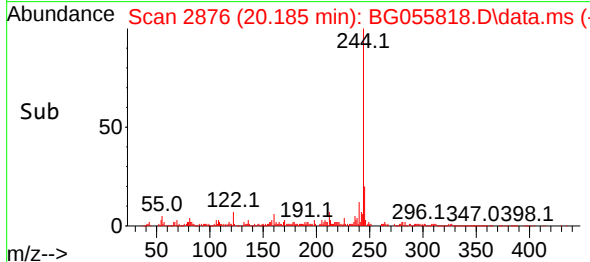
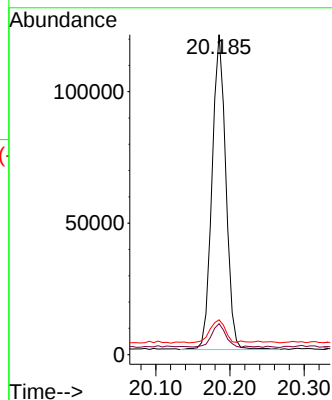
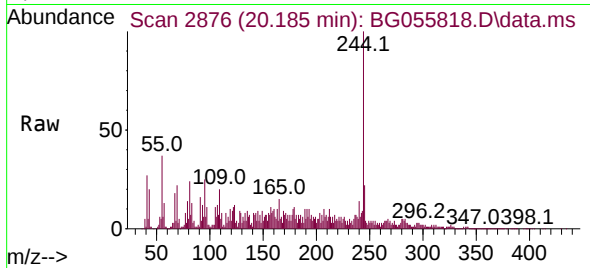




#79
 Terphenyl-d14
 Concen: 11.397 ng
 RT: 20.185 min Scan# 2876
 Delta R.T. 0.003 min
 Lab File: BG055818.D
 Acq: 28 Nov 2022 23:58

Instrument :
 BNA_G
 ClientSampleId :
 B-12D

Tgt Ion:244 Resp: 155548
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.3 9.5#
 122 10.9 6.9 10.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.332 min Scan# 3752
 Delta R.T. 0.044 min
 Lab File: BG055818.D
 Acq: 28 Nov 2022 23:58

Tgt Ion:264 Resp: 271135
 Ion Ratio Lower Upper
 264 100
 260 28.5 19.5 29.3
 265 25.2 17.1 25.7

