

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055712.D
 Acq On : 21 Nov 2022 12:41
 Operator : CG/JU
 Sample : N5678-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-10

Quant Time: Nov 22 02:02:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	34595	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	143540	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	105007	20.000	ng	0.00
64) Phenanthrene-d10	17.611	188	241850	20.000	ng	0.00
76) Chrysene-d12	21.906	240	231565	20.000	ng	-0.01
86) Perylene-d12	25.320	264	246427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	214815	112.236	ng	0.00
7) Phenol-d6	7.394	99	273991	107.541	ng	0.00
23) Nitrobenzene-d5	9.421	82	168645	62.099	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	158021	106.870	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	422599	60.292	ng	0.00
79) Terphenyl-d14	20.197	244	749808	64.764	ng	0.00

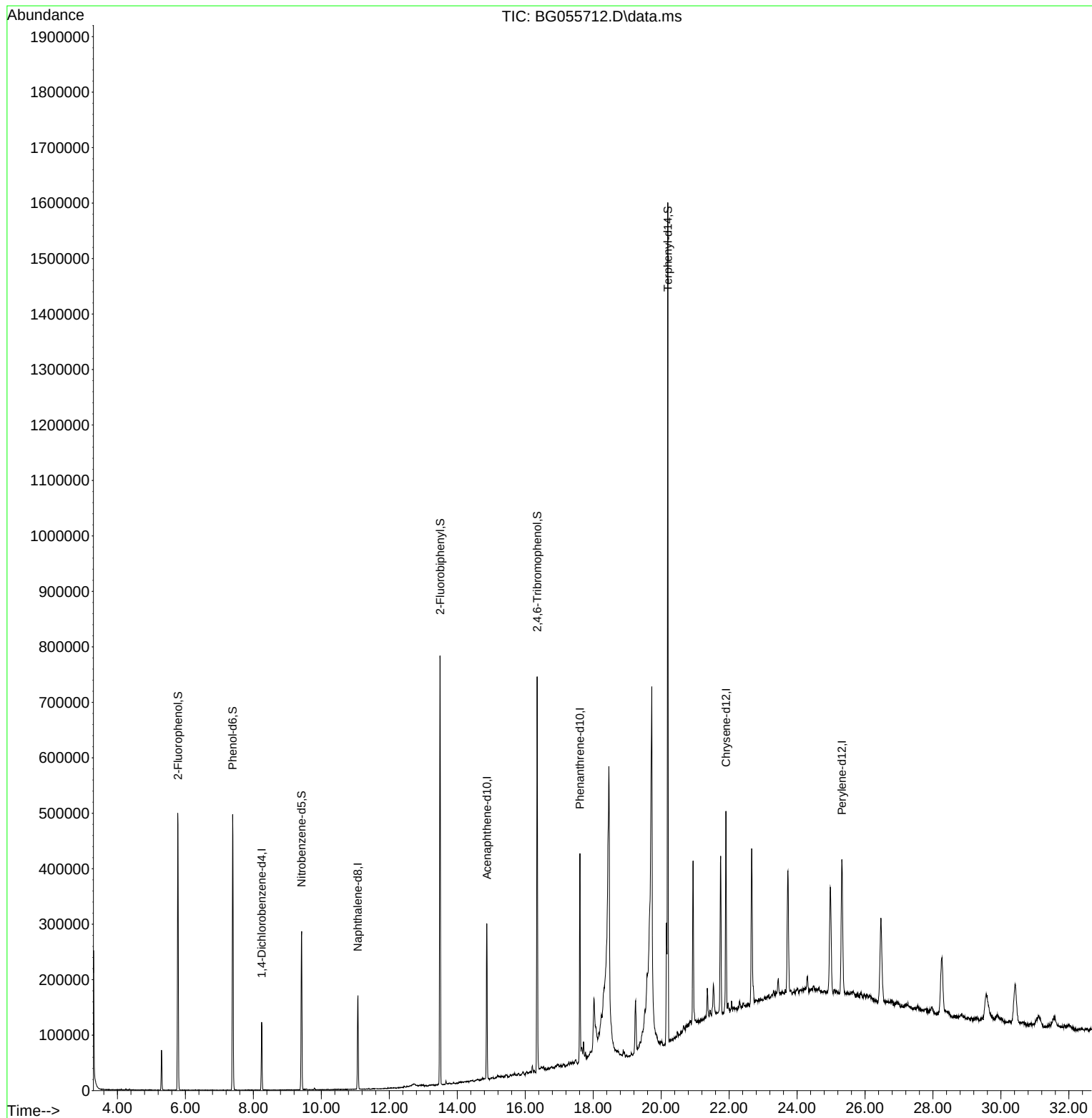
Target Compounds Qvalue

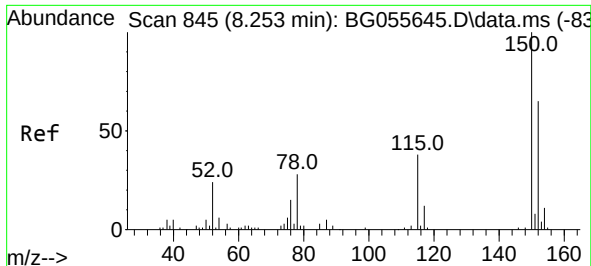
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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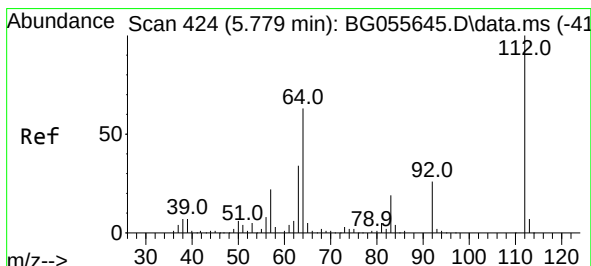
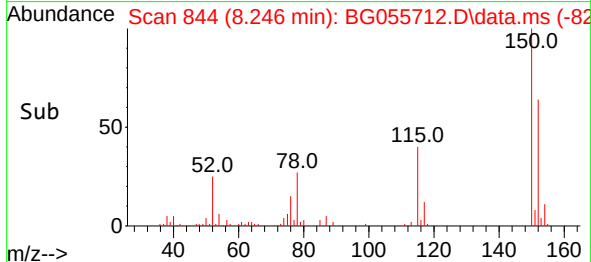
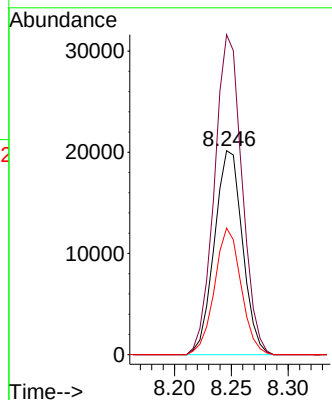
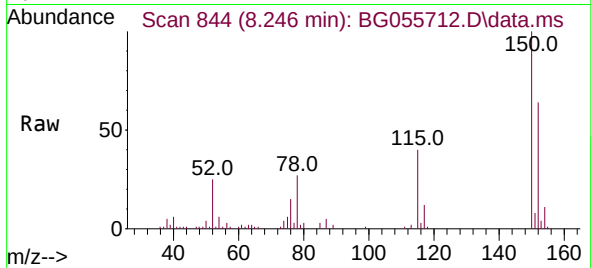




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

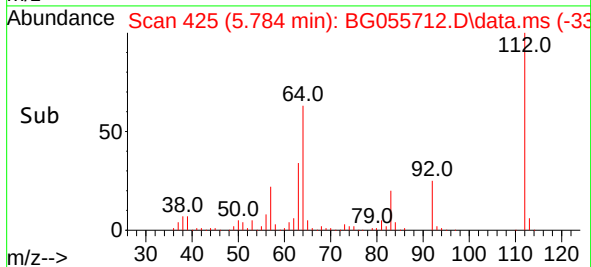
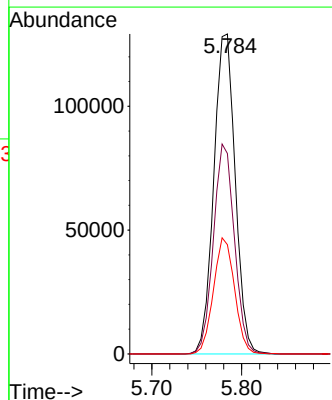
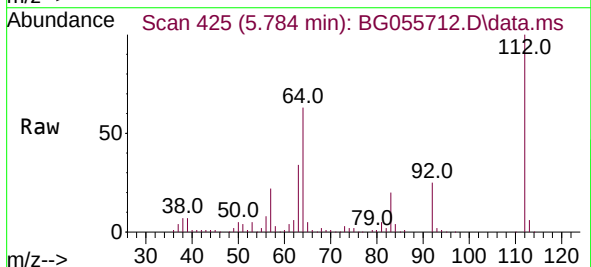
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-10

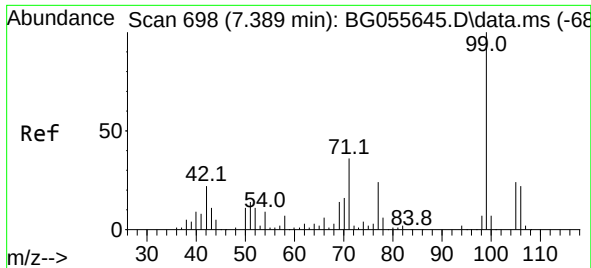
Tgt Ion:152 Resp: 34595
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 62.0 47.0 70.4



#5
2-Fluorophenol
Concen: 112.236 ng
RT: 5.784 min Scan# 425
Delta R.T. 0.005 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

Tgt Ion:112 Resp: 214815
Ion Ratio Lower Upper
112 100
64 62.6 50.6 76.0
63 34.2 27.5 41.3

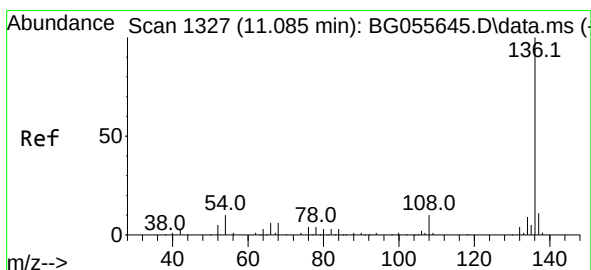
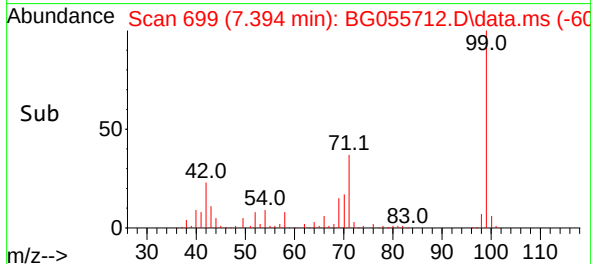
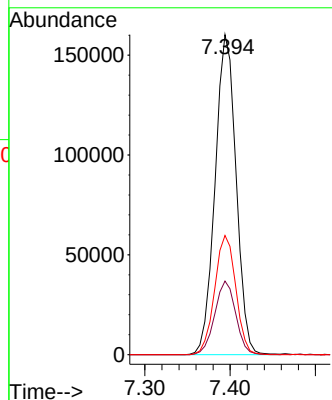
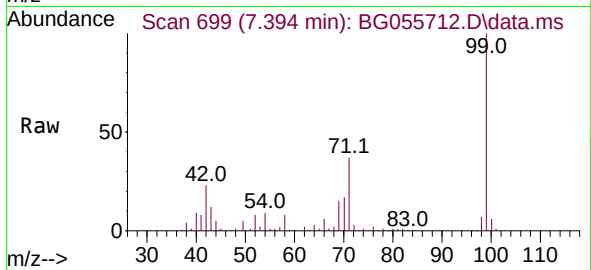




#7
Phenol-d6
Concen: 107.541 ng
RT: 7.394 min Scan# 69
Delta R.T. 0.005 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

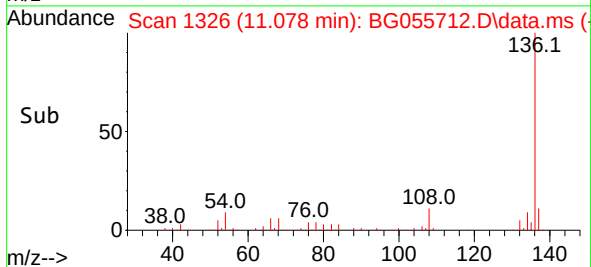
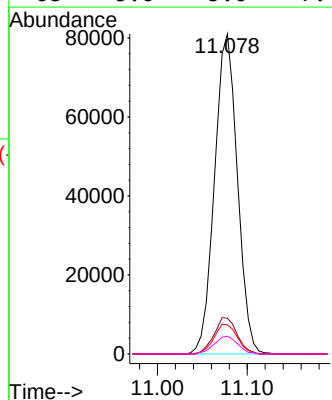
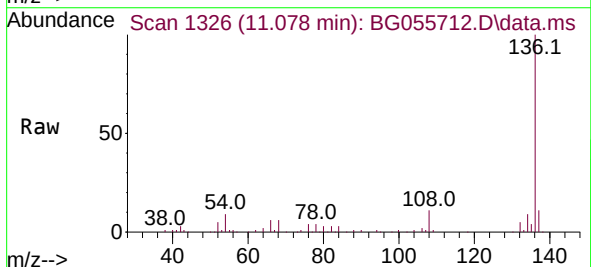
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-10

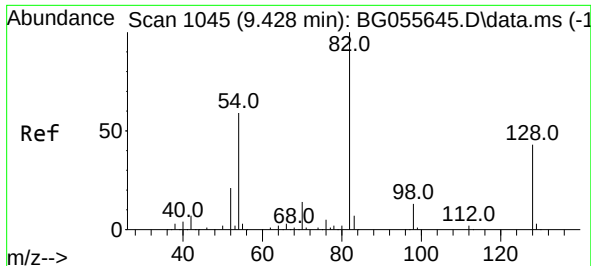
Tgt Ion: 99 Resp: 273991
Ion Ratio Lower Upper
99 100
42 23.0 18.0 27.0
71 37.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 1326
Delta R.T. -0.007 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

Tgt Ion:136 Resp: 143540
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.1 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 62.099 ng

RT: 9.421 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG055712.D

Acq: 21 Nov 2022 12:41

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-10

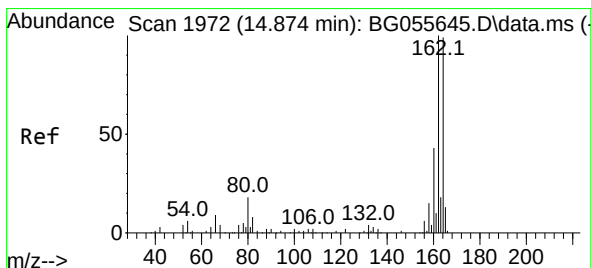
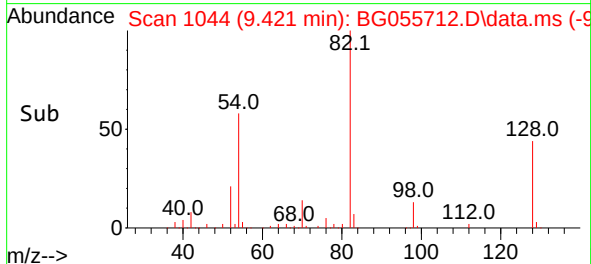
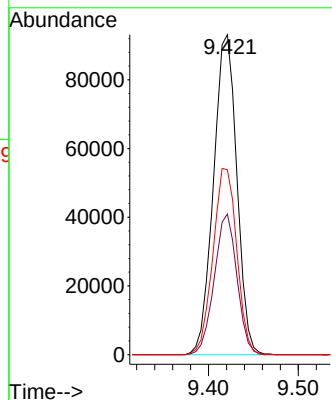
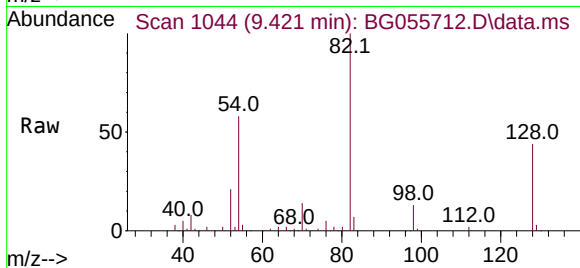
Tgt Ion: 82 Resp: 168645

Ion Ratio Lower Upper

82 100

128 43.9 34.1 51.1

54 57.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.873 min Scan# 1972

Delta R.T. -0.001 min

Lab File: BG055712.D

Acq: 21 Nov 2022 12:41

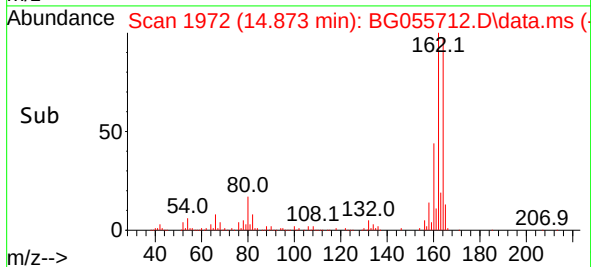
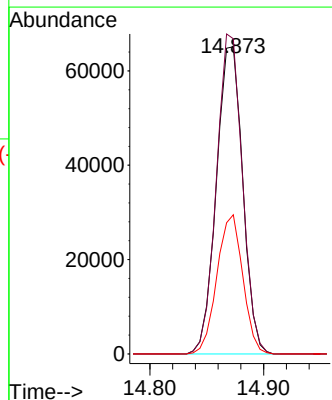
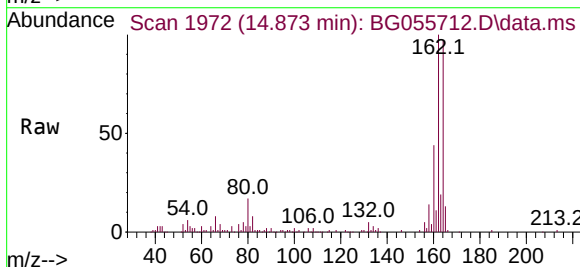
Tgt Ion: 164 Resp: 105007

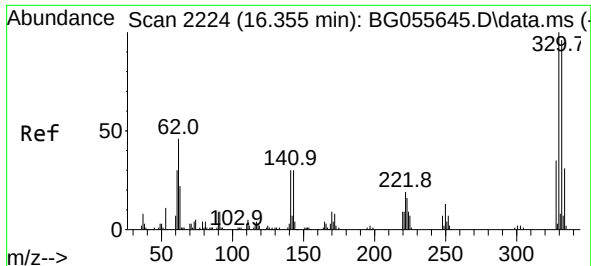
Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

160 45.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 106.870 ng

RT: 16.354 min Scan# 2224

Delta R.T. -0.001 min

Lab File: BG055712.D

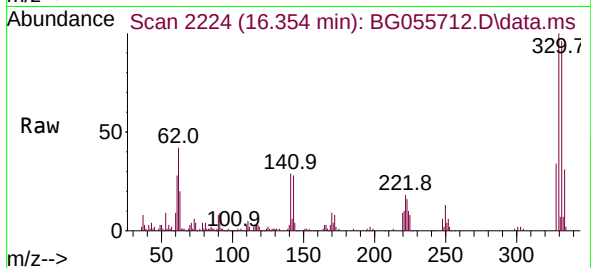
Acq: 21 Nov 2022 12:41

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-10



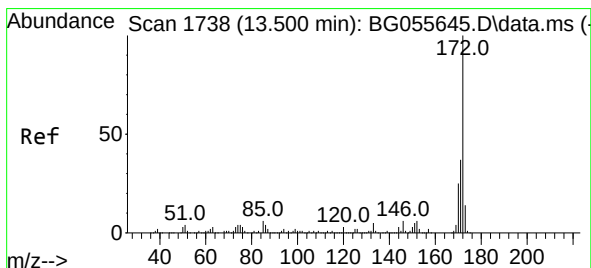
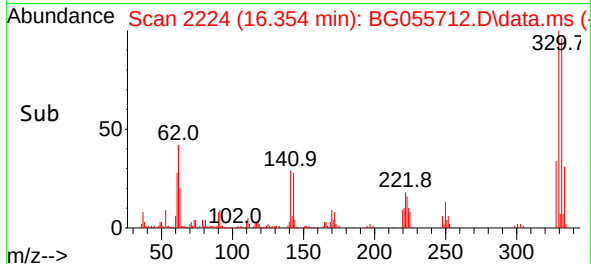
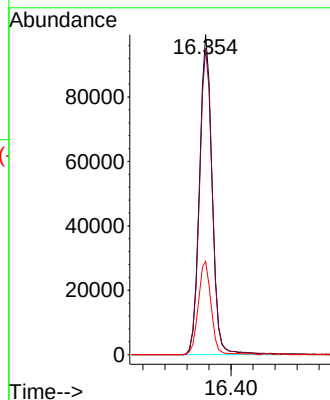
Tgt Ion:330 Resp: 158021

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.8

141 29.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 60.292 ng

RT: 13.498 min Scan# 1738

Delta R.T. -0.001 min

Lab File: BG055712.D

Acq: 21 Nov 2022 12:41

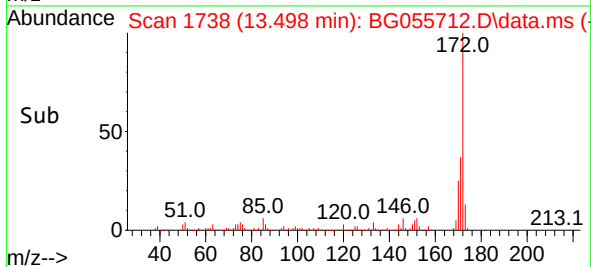
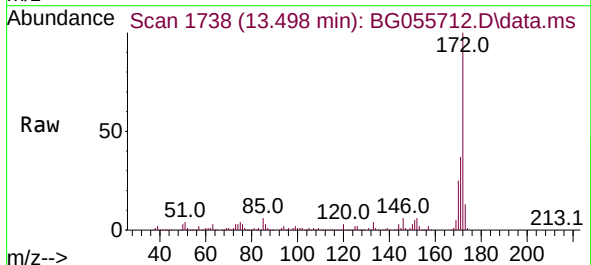
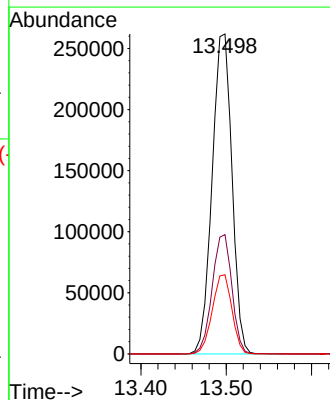
Tgt Ion:172 Resp: 422599

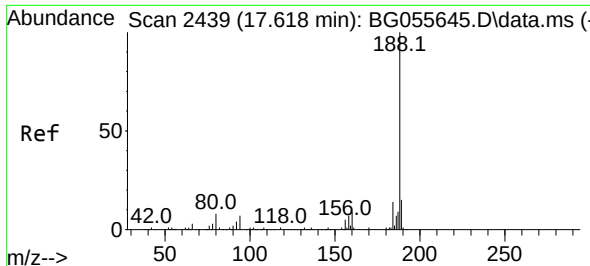
Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.6

170 24.7 20.2 30.4

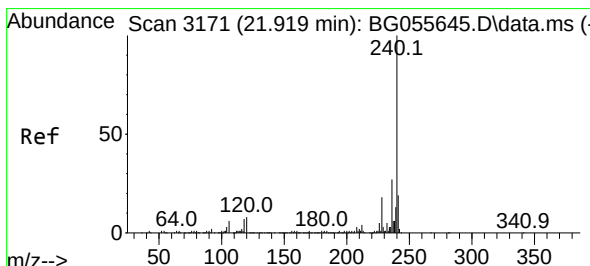
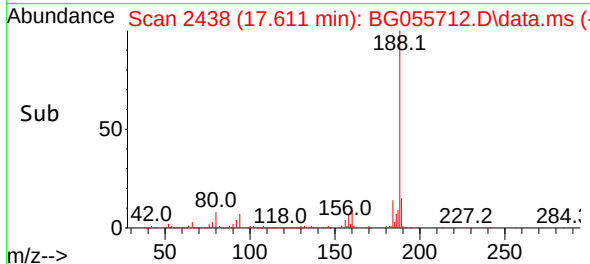
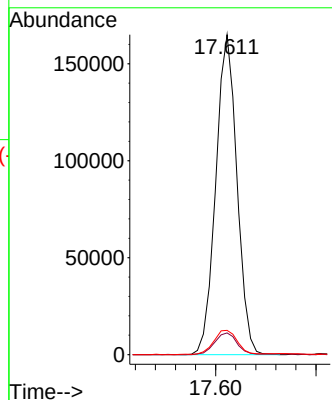
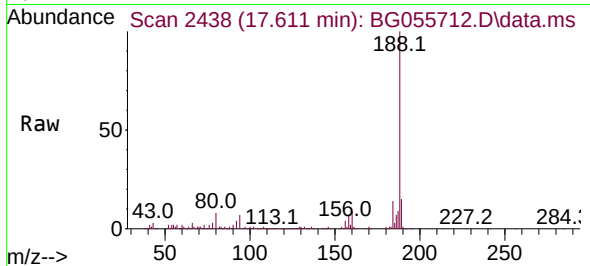




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.611 min Scan# 2439
Delta R.T. -0.007 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

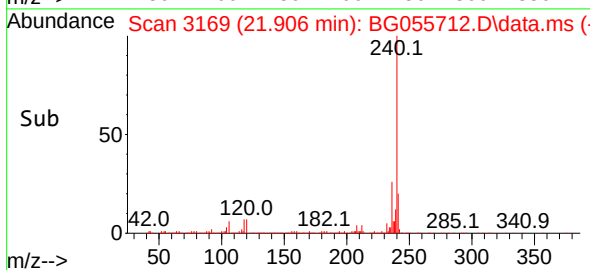
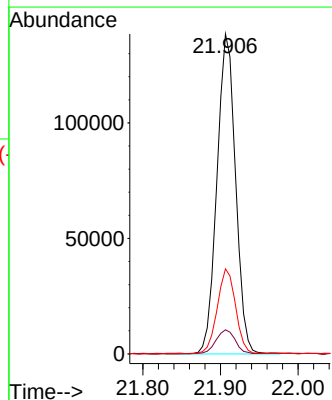
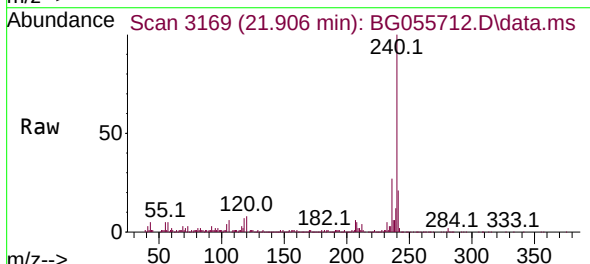
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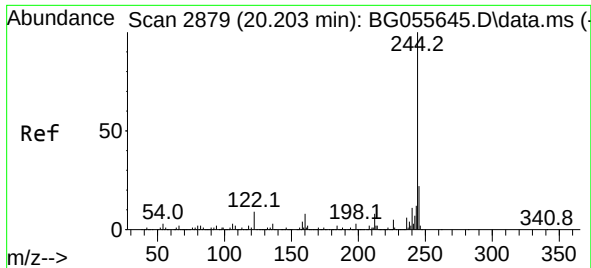
Tgt Ion:188 Resp: 241850
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 7.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.906 min Scan# 3169
Delta R.T. -0.013 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

Tgt Ion:240 Resp: 231565
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.6 21.9 32.9

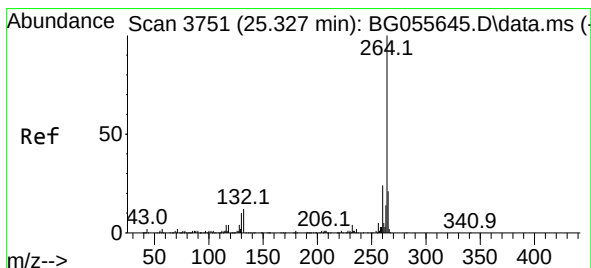
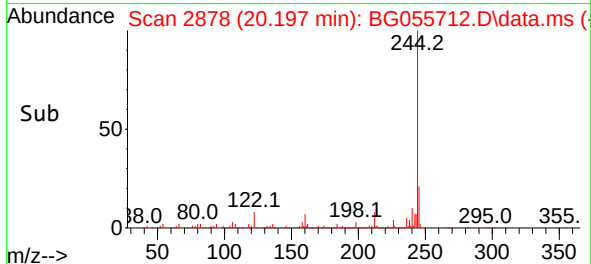
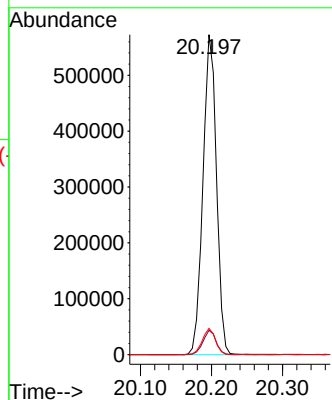
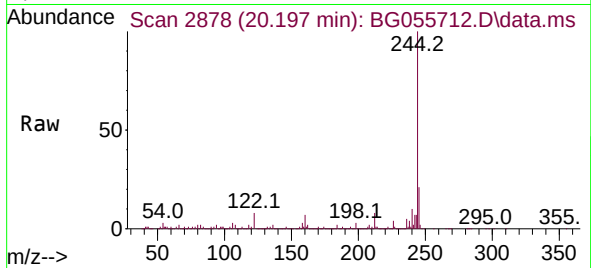




#79
 Terphenyl-d14
 Concen: 64.764 ng
 RT: 20.197 min Scan# 2879
 Delta R.T. -0.007 min
 Lab File: BG055712.D
 Acq: 21 Nov 2022 12:41

Instrument :
 BNA_G
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 250FB-BP-BACKFILL-10

Tgt Ion:244 Resp: 749808
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.2 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.320 min Scan# 3750
 Delta R.T. -0.007 min
 Lab File: BG055712.D
 Acq: 21 Nov 2022 12:41

Tgt Ion:264 Resp: 246427
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 22.8 17.1 25.7

