

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055768.D
 Acq On : 23 Nov 2022 23:44
 Operator : CG/JU
 Sample : N5758-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-13

Quant Time: Nov 24 06:10:28 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 24 06:05:02 2022
 Response via : Initial Calibration

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

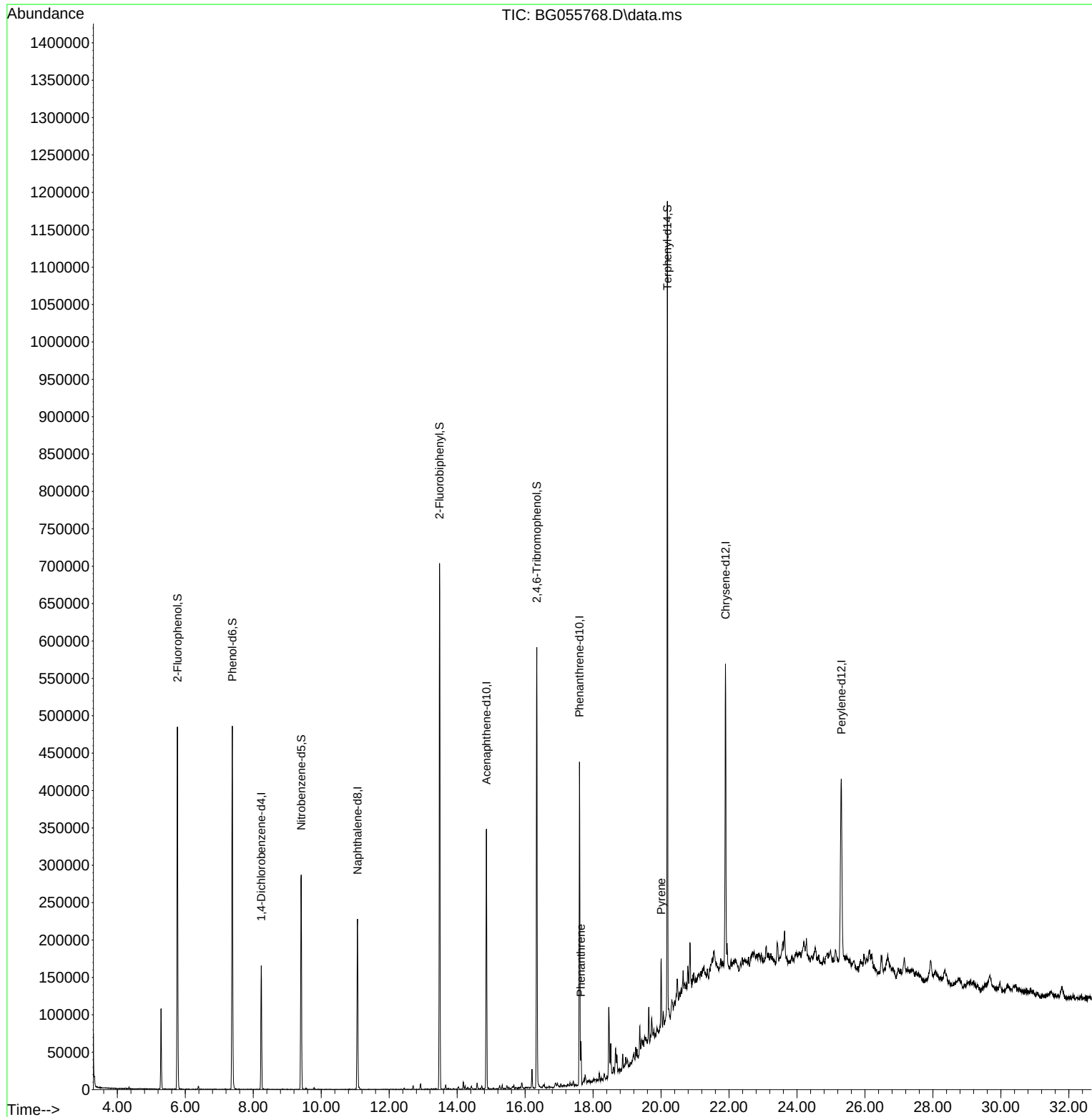
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	47470	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	197954	20.000	ng	0.00
39) Acenaphthene-d10	14.863	164	130114	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	273450	20.000	ng	0.00
76) Chrysene-d12	21.896	240	260430	20.000	ng	0.00
86) Perylene-d12	25.304	264	277445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	213820	81.416	ng	0.00
7) Phenol-d6	7.384	99	276410	79.065	ng	0.00
23) Nitrobenzene-d5	9.411	82	174010	46.462	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	127880	69.797	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	380282	43.785	ng	0.00
79) Terphenyl-d14	20.186	244	542761	41.685	ng	0.00
Target Compounds						
71) Phenanthrene	17.642	178	37419	2.536	ng	98
78) Pyrene	20.004	202	55736	3.162	ng	98

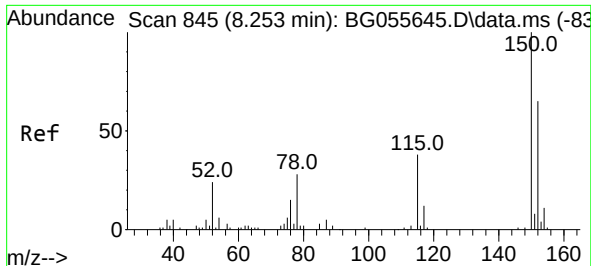
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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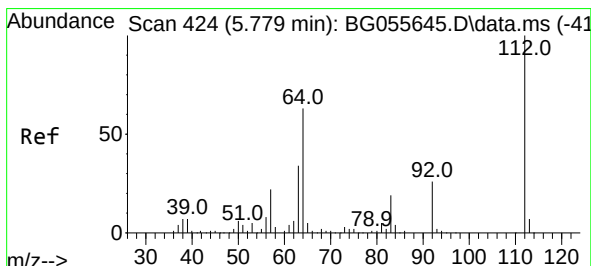
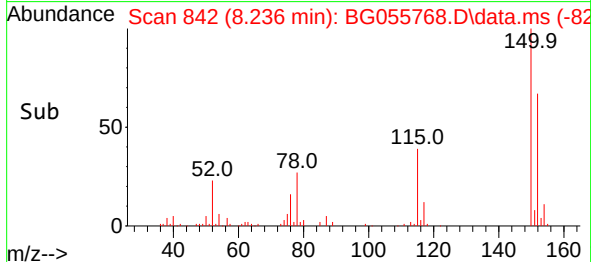
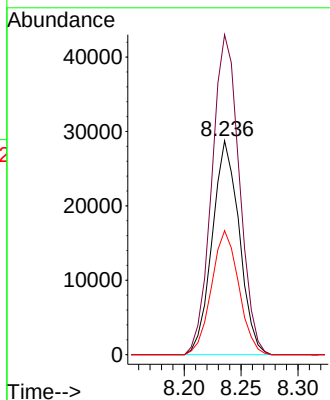
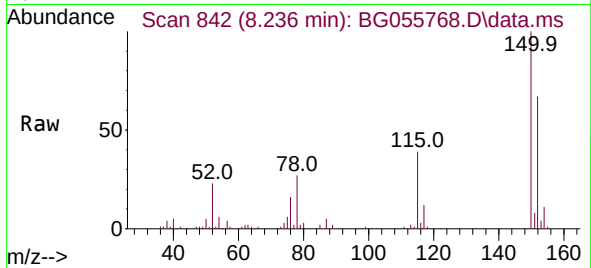




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.236 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055768.D
Acq: 23 Nov 2022 23:44

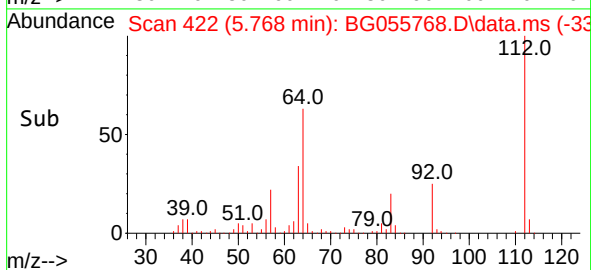
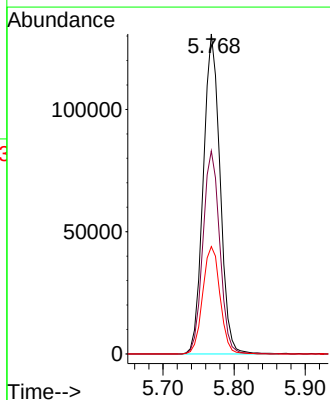
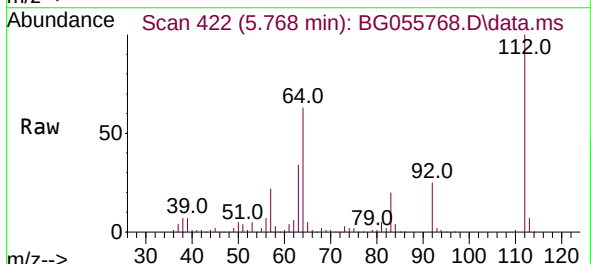
Instrument :
BNA_G
ClientSampleId :
MH-13

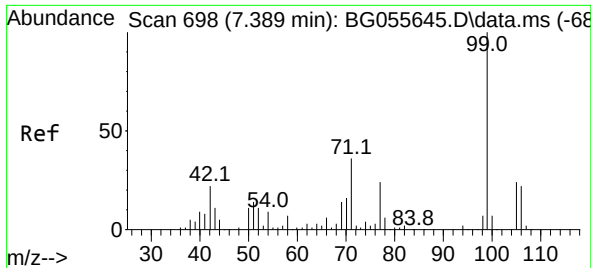
Tgt Ion:152 Resp: 47470
Ion Ratio Lower Upper
152 100
150 149.7 123.0 184.6
115 57.9 47.0 70.4



#5
2-Fluorophenol
Concen: 81.416 ng
RT: 5.768 min Scan# 422
Delta R.T. -0.000 min
Lab File: BG055768.D
Acq: 23 Nov 2022 23:44

Tgt Ion:112 Resp: 213820
Ion Ratio Lower Upper
112 100
64 63.4 50.6 76.0
63 33.5 27.5 41.3

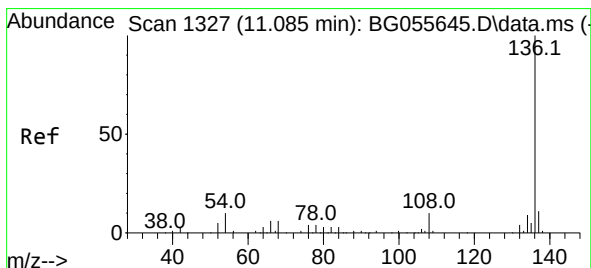
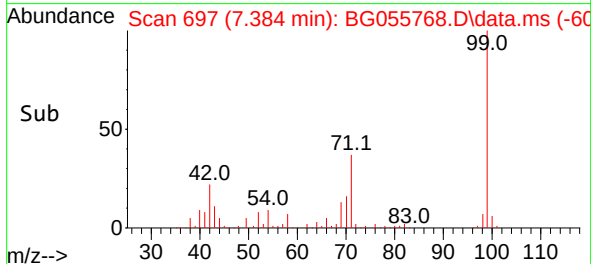
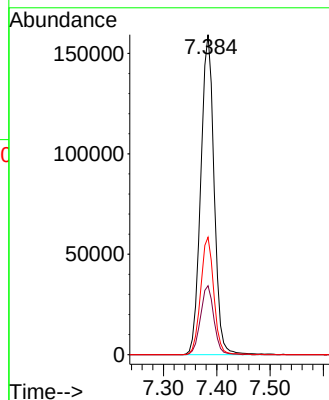
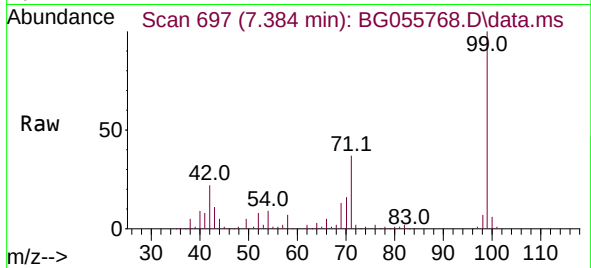




#7
Phenol-d6
Concen: 79.065 ng
RT: 7.384 min Scan# 69
Delta R.T. -0.000 min
Lab File: BG055768.D
Acq: 23 Nov 2022 23:44

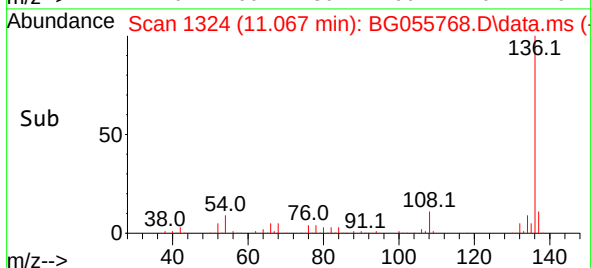
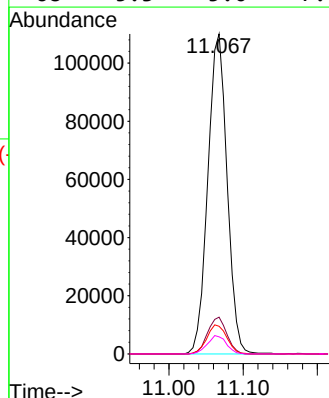
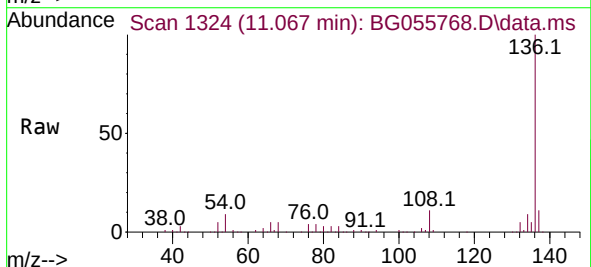
Instrument :
BNA_G
ClientSampleId :
MH-13

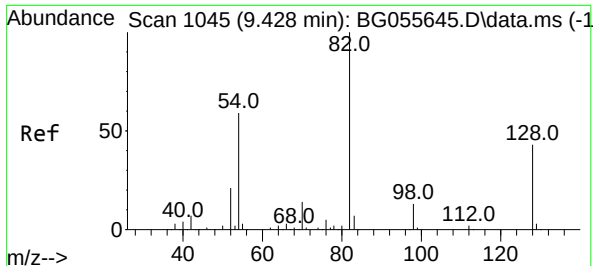
Tgt Ion: 99 Resp: 276410
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 36.7 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BG055768.D
Acq: 23 Nov 2022 23:44

Tgt Ion:136 Resp: 197954
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 8.6 7.8 11.6
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 46.462 ng

RT: 9.411 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BG055768.D

Acq: 23 Nov 2022 23:44

Instrument :

BNA_G

ClientSampleId :

MH-13

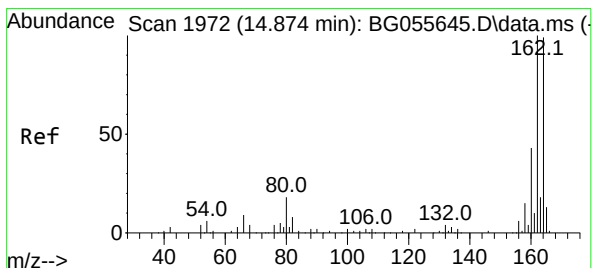
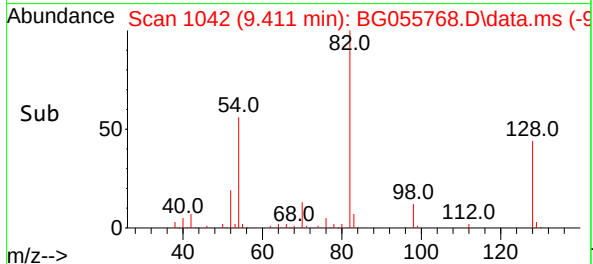
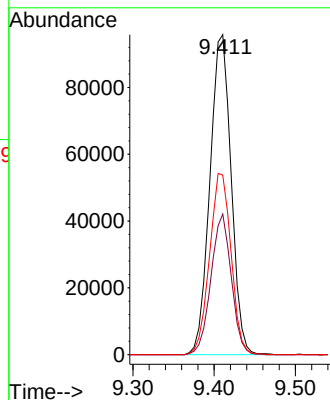
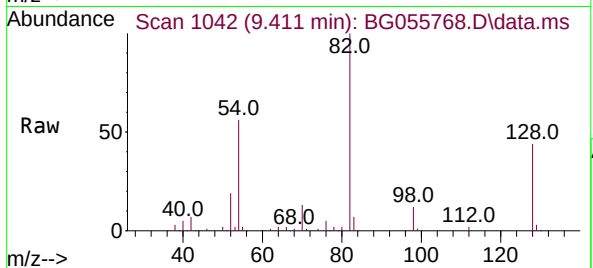
Tgt Ion: 82 Resp: 174010

Ion Ratio Lower Upper

82 100

128 43.9 34.1 51.1

54 56.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.863 min Scan# 1970

Delta R.T. -0.000 min

Lab File: BG055768.D

Acq: 23 Nov 2022 23:44

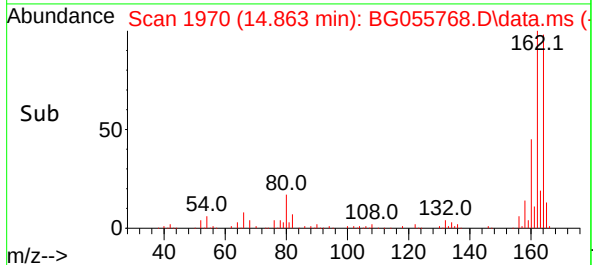
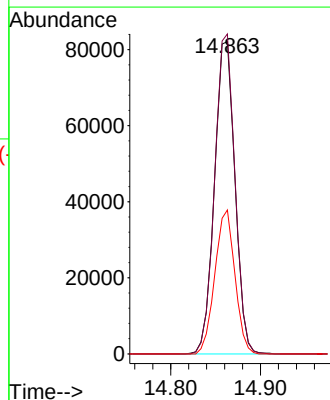
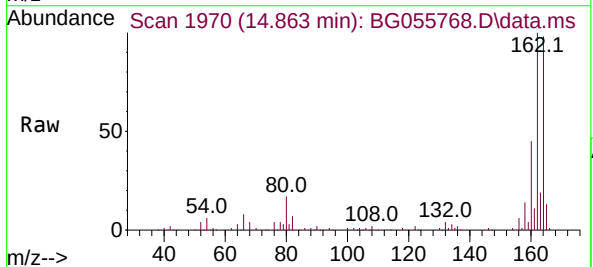
Tgt Ion:164 Resp: 130114

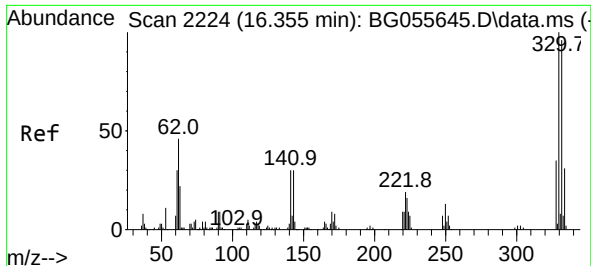
Ion Ratio Lower Upper

164 100

162 102.5 81.1 121.7

160 46.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 69.797 ng

RT: 16.344 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055768.D

Acq: 23 Nov 2022 23:44

Instrument :

BNA_G

ClientSampleId :

MH-13

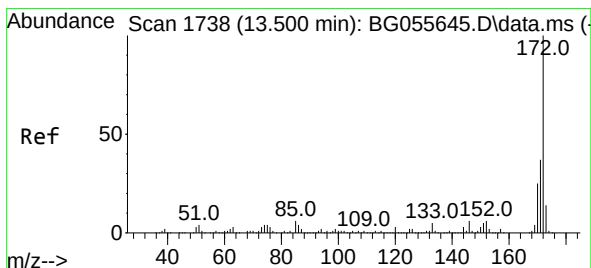
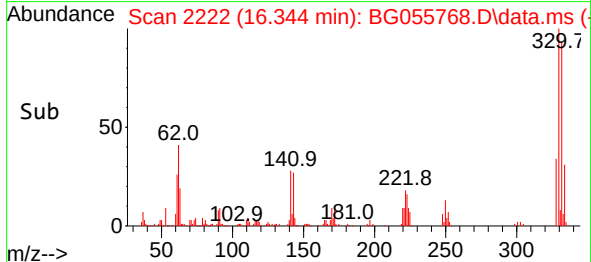
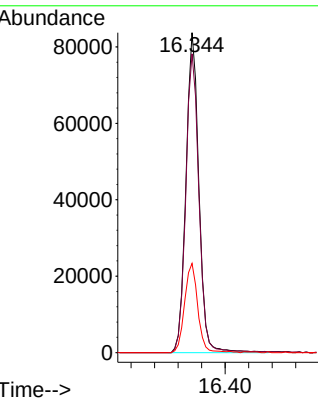
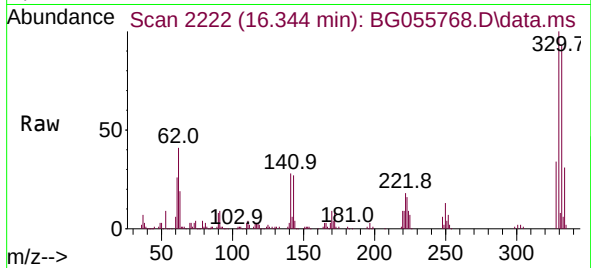
Tgt Ion:330 Resp: 127880

Ion Ratio Lower Upper

330 100

332 94.4 77.8 116.8

141 28.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 43.785 ng

RT: 13.482 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BG055768.D

Acq: 23 Nov 2022 23:44

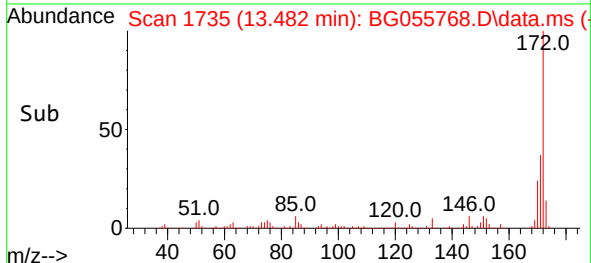
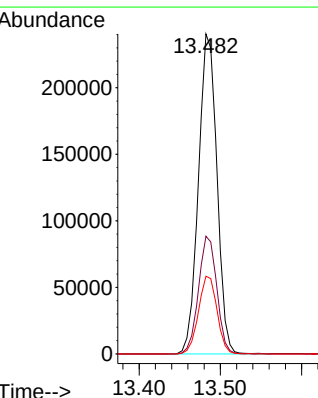
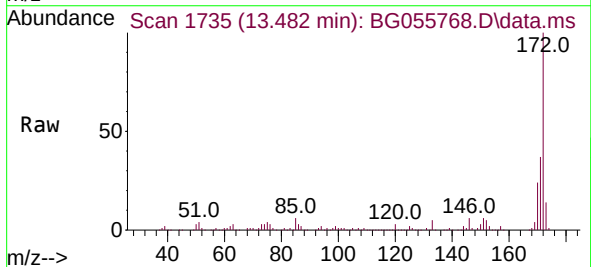
Tgt Ion:172 Resp: 380282

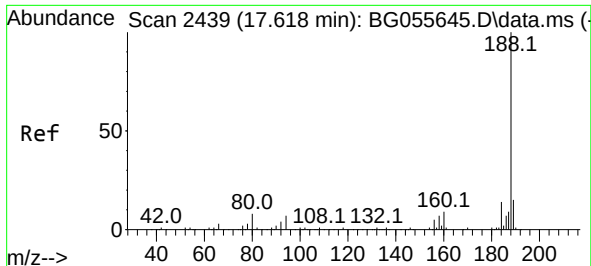
Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.6

170 24.3 20.2 30.4

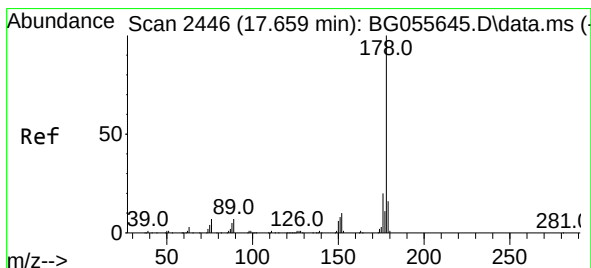
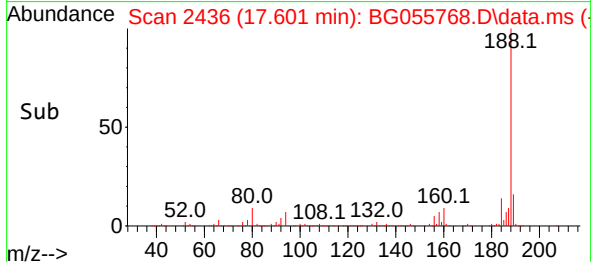
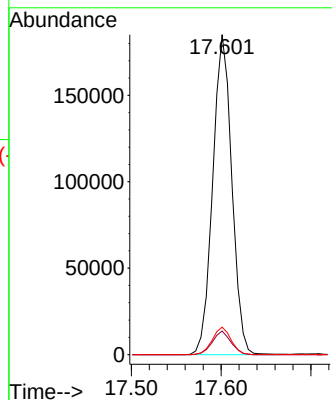
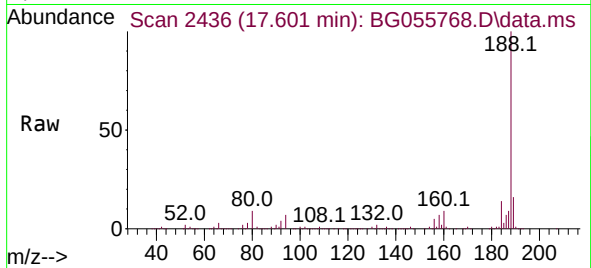




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055768.D
Acq: 23 Nov 2022 23:44

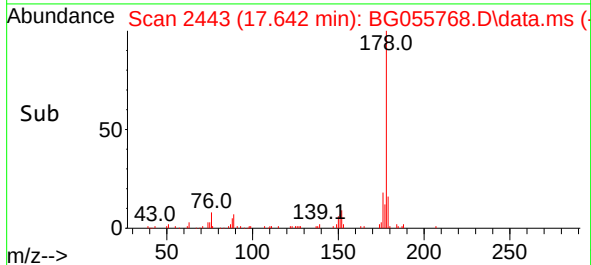
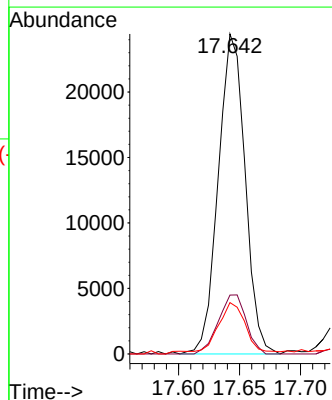
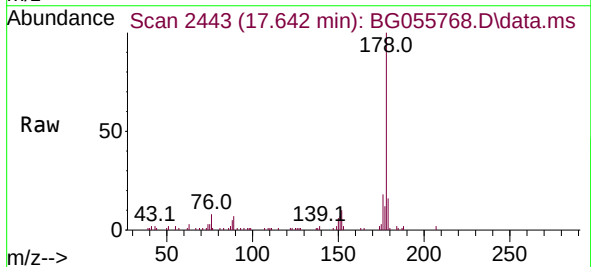
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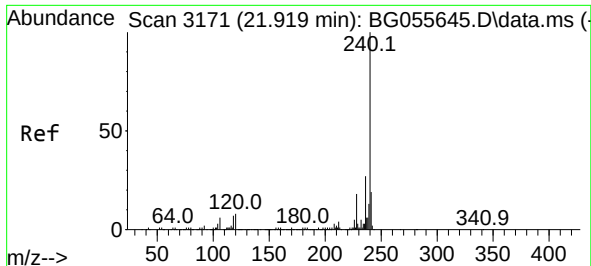
Tgt Ion:188 Resp: 273450
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.2
80 8.6 6.6 10.0



#71
Phenanthrene
Concen: 2.536 ng
RT: 17.642 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BG055768.D
Acq: 23 Nov 2022 23:44

Tgt Ion:178 Resp: 37419
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 16.0 12.7 19.1

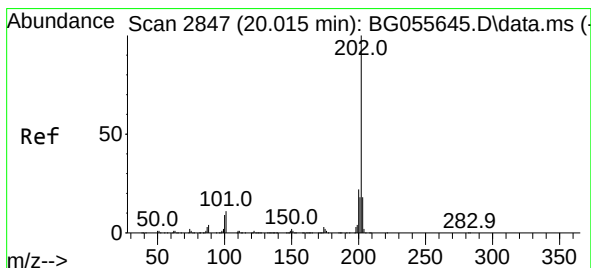
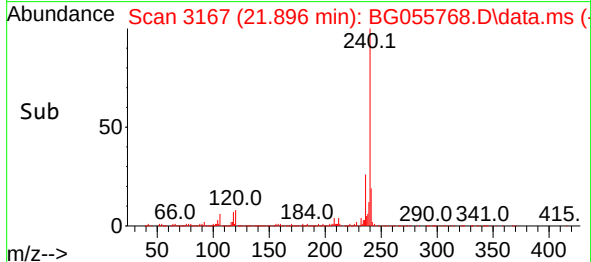
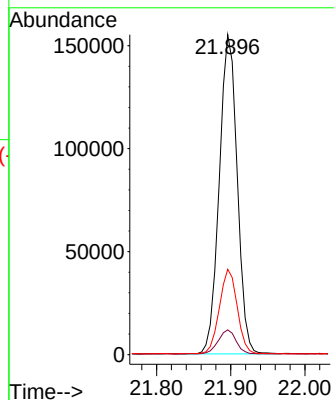
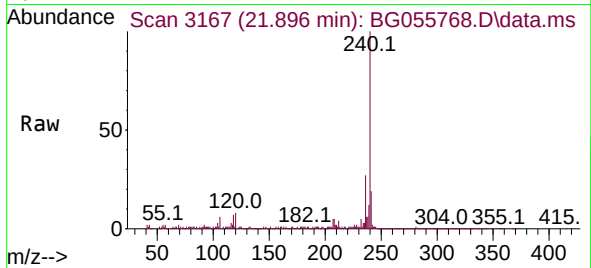




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG055768.D
Acq: 23 Nov 2022 23:44

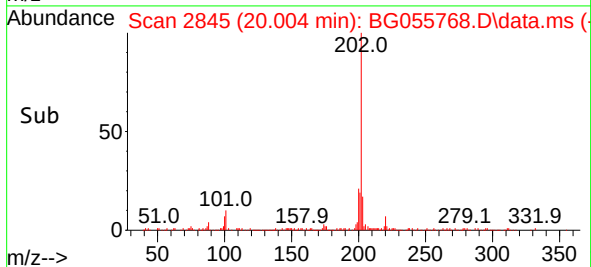
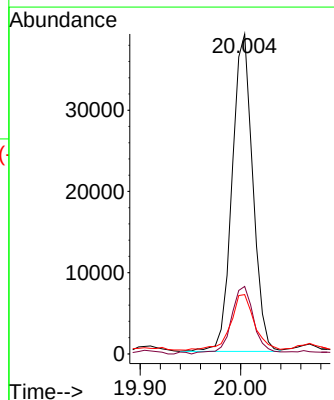
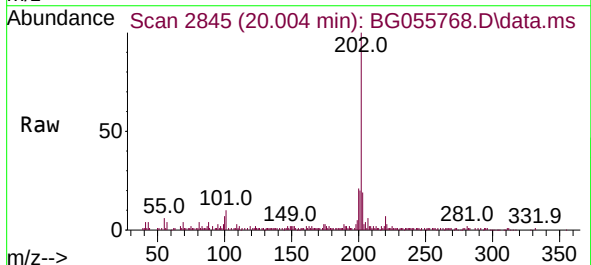
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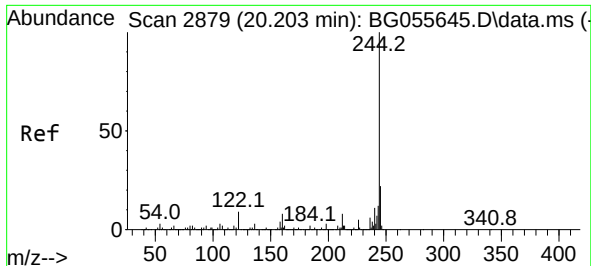
Tgt Ion:240 Resp: 260430
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 26.7 21.9 32.9



#78
Pyrene
Concen: 3.162 ng
RT: 20.004 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BG055768.D
Acq: 23 Nov 2022 23:44

Tgt Ion:202 Resp: 55736
Ion Ratio Lower Upper
202 100
200 21.1 17.8 26.6
203 18.5 14.4 21.6

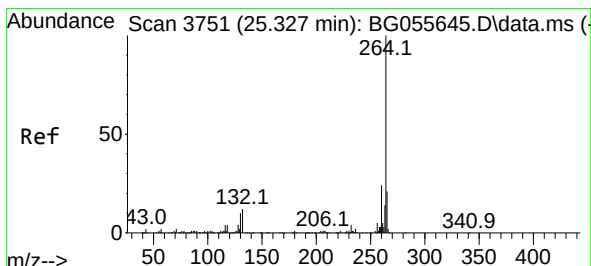
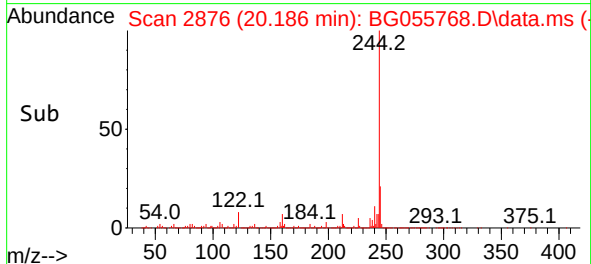
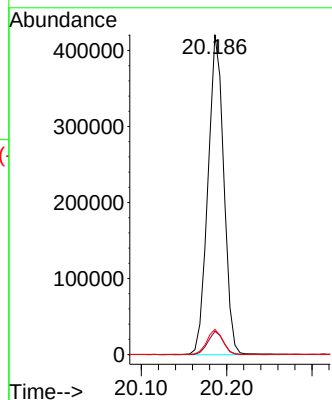
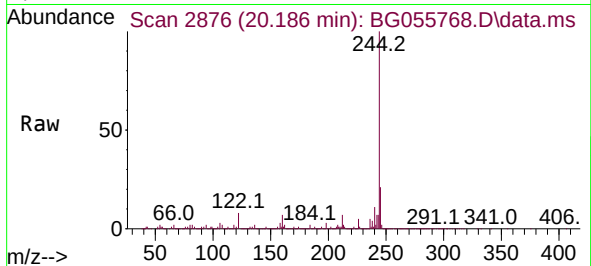




#79
 Terphenyl-d14
 Concen: 41.685 ng
 RT: 20.186 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055768.D
 Acq: 23 Nov 2022 23:44

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 542761
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 7.9 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.304 min Scan# 3747
 Delta R.T. -0.000 min
 Lab File: BG055768.D
 Acq: 23 Nov 2022 23:44

Tgt Ion:264 Resp: 277445
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.5 29.3
 265 21.8 17.1 25.7

