

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055743.D
 Acq On : 22 Nov 2022 17:12
 Operator : CG/JU
 Sample : N5749-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-83.5

Quant Time: Nov 23 01:39:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	36906	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	148862	20.000	ng	0.00
39) Acenaphthene-d10	14.869	164	107528	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	262290	20.000	ng	0.00
76) Chrysene-d12	21.902	240	256240	20.000	ng	0.00
86) Perylene-d12	25.309	264	272981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	232039	113.644	ng	0.00
7) Phenol-d6	7.389	99	295866	108.856	ng	0.00
23) Nitrobenzene-d5	9.416	82	187703	66.646	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	168579	111.337	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	452264	63.011	ng	0.00
79) Terphenyl-d14	20.192	244	769971	60.101	ng	0.00

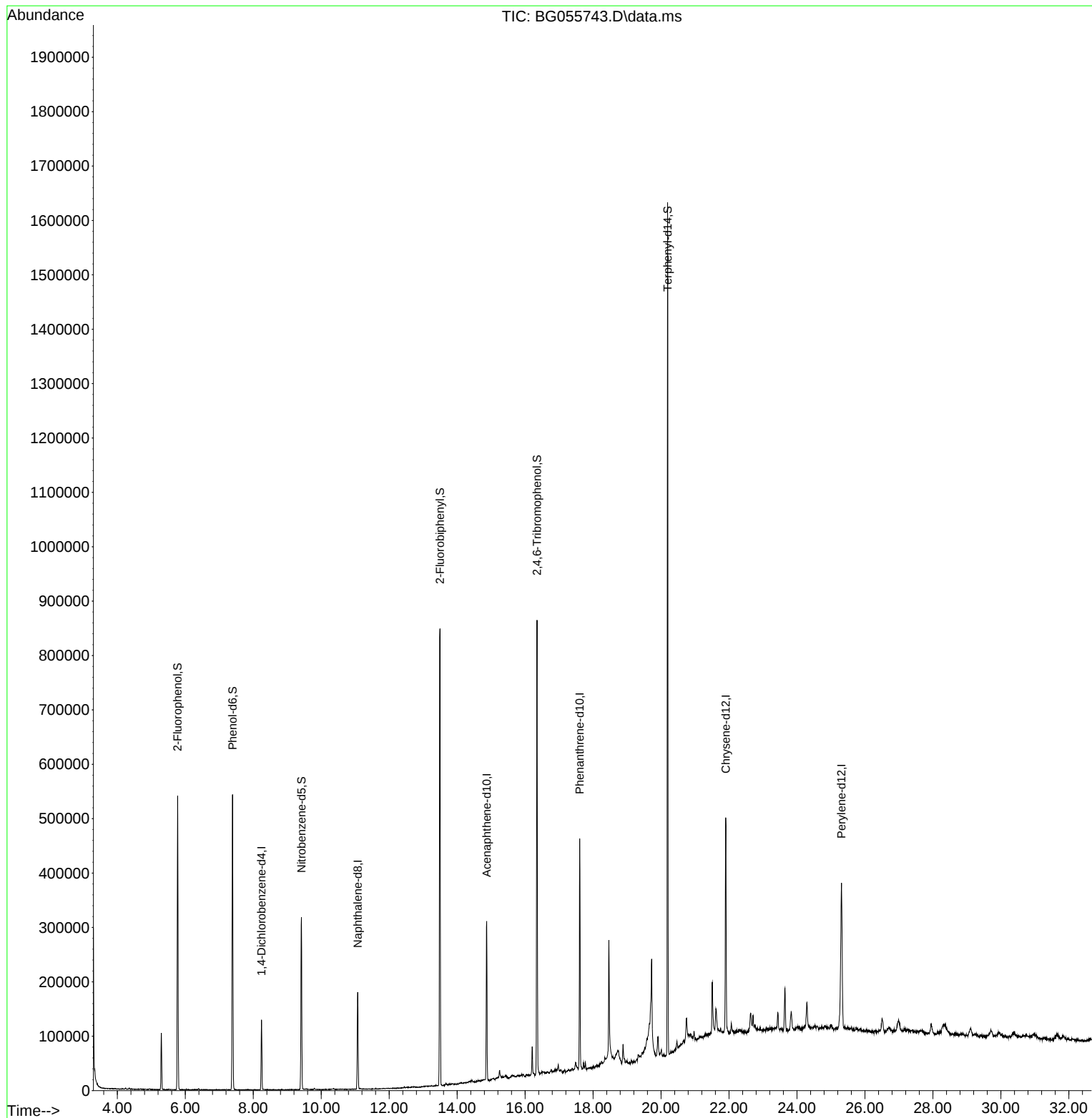
Target Compounds	Qvalue

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

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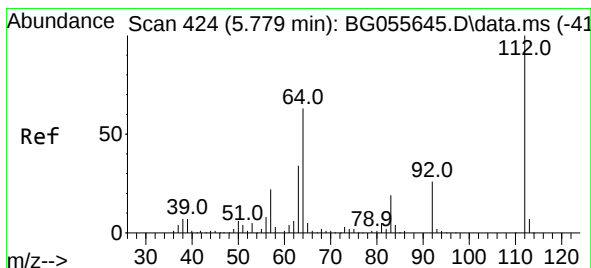
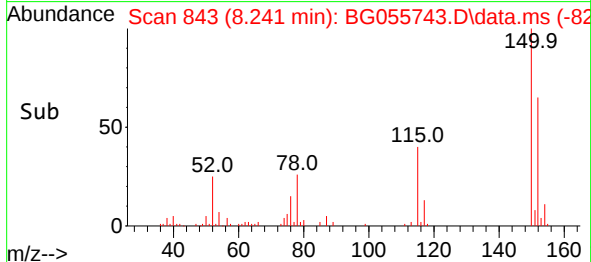
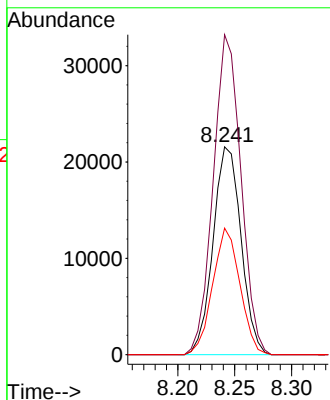
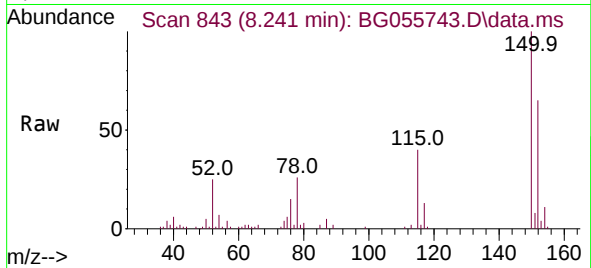




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

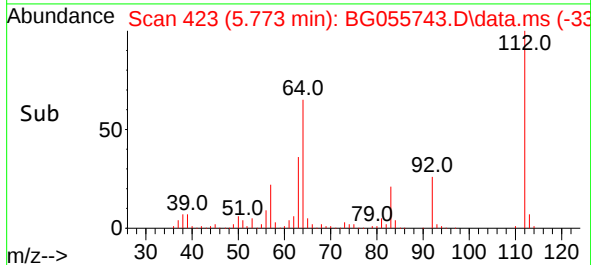
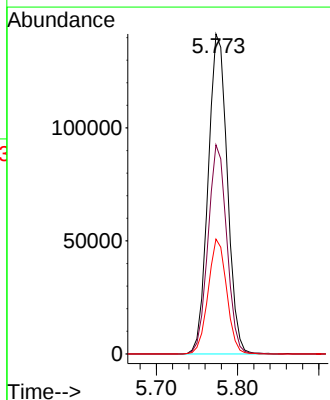
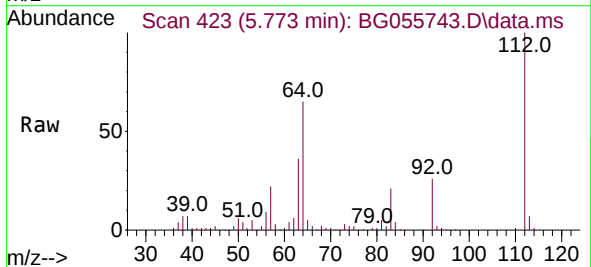
Instrument :
BNA_G
ClientSampleId :
MH-83.5

Tgt Ion:152 Resp: 36906
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.6
115 60.9 47.0 70.4



#5
2-Fluorophenol
Concen: 113.644 ng
RT: 5.773 min Scan# 423
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:112 Resp: 232039
Ion Ratio Lower Upper
112 100
64 65.3 50.6 76.0
63 35.9 27.5 41.3

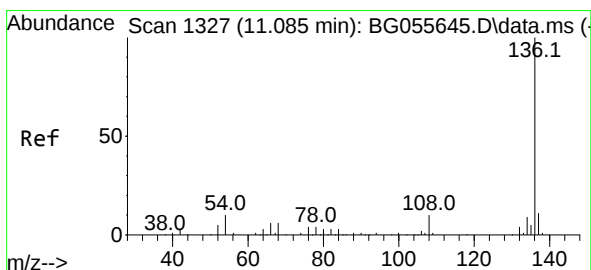
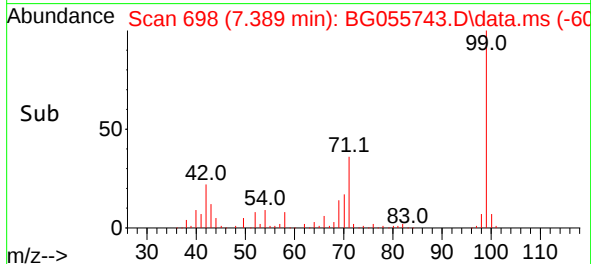
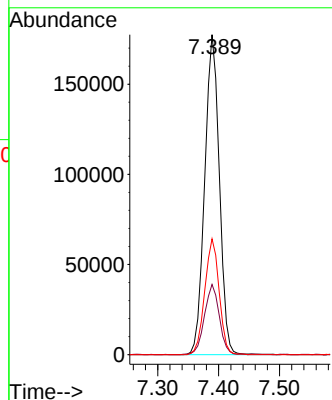
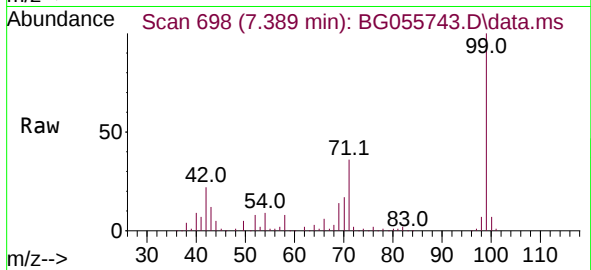




#7
Phenol-d6
Concen: 108.856 ng
RT: 7.389 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

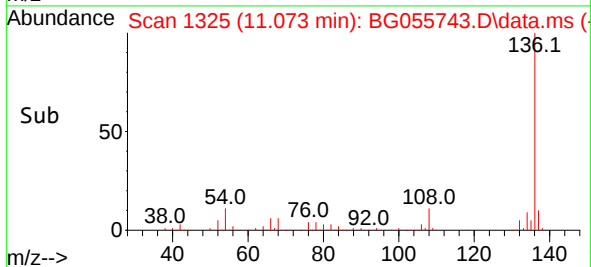
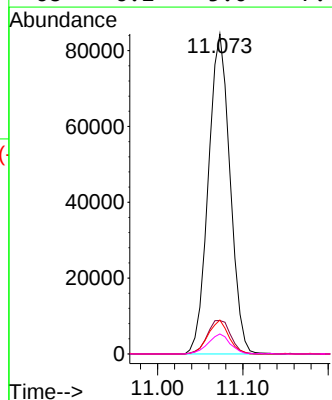
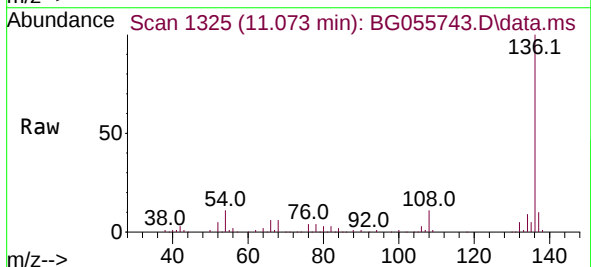
Instrument :
BNA_G
ClientSampleId :
MH-83.5

Tgt Ion: 99 Resp: 295866
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:136 Resp: 148862
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 10.6 7.8 11.6
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 66.646 ng

RT: 9.416 min Scan# 1043

Delta R.T. 0.001 min

Lab File: BG055743.D

Acq: 22 Nov 2022 17:12

Instrument :

BNA_G

ClientSampleId :

MH-83.5

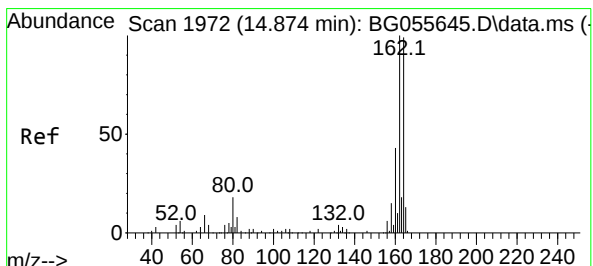
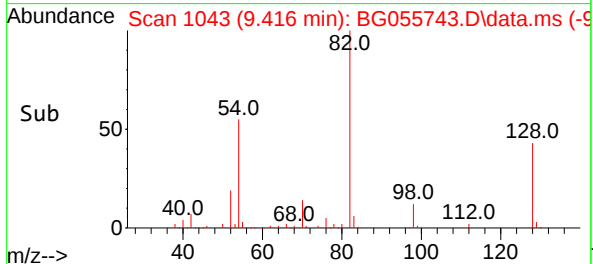
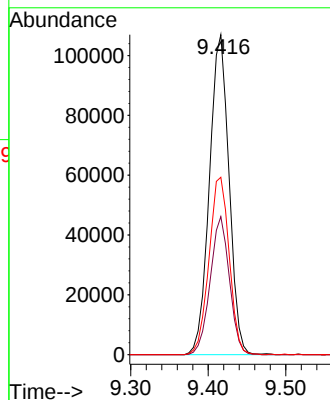
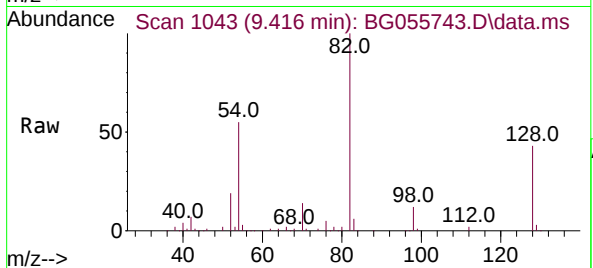
Tgt Ion: 82 Resp: 187703

Ion Ratio Lower Upper

82 100

128 43.1 34.1 51.1

54 55.4 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.869 min Scan# 1971

Delta R.T. 0.001 min

Lab File: BG055743.D

Acq: 22 Nov 2022 17:12

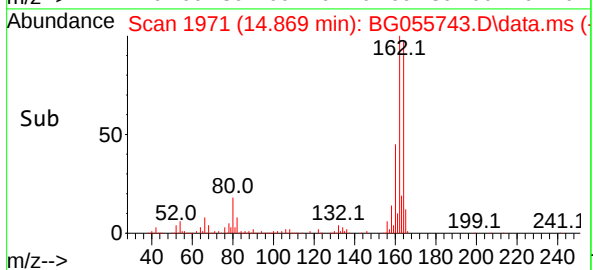
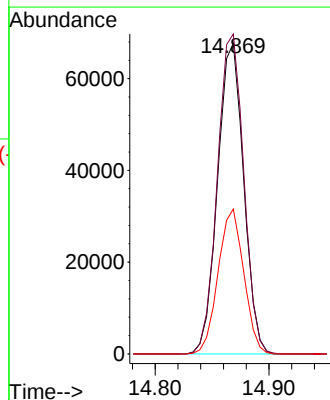
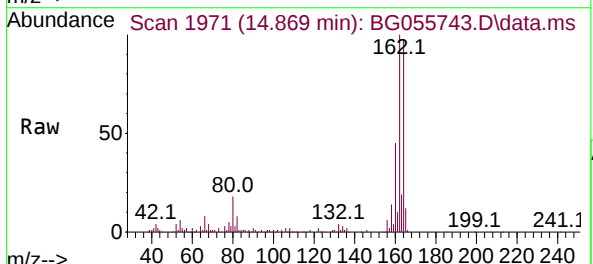
Tgt Ion:164 Resp: 107528

Ion Ratio Lower Upper

164 100

162 103.0 81.1 121.7

160 46.6 34.8 52.2

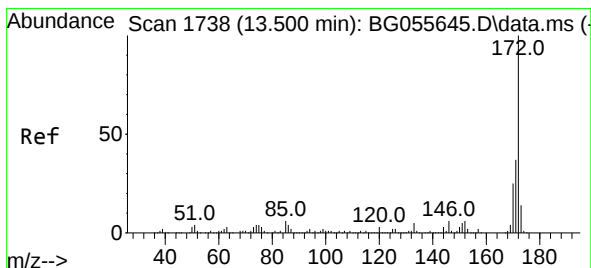
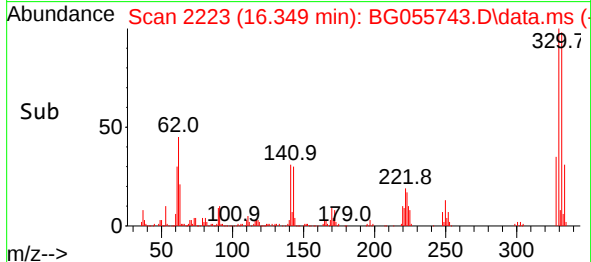
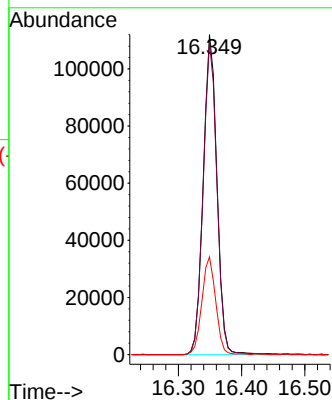
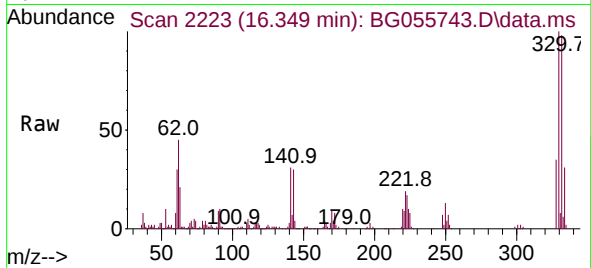




#42
2,4,6-Tribromophenol
Concen: 111.337 ng
RT: 16.349 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

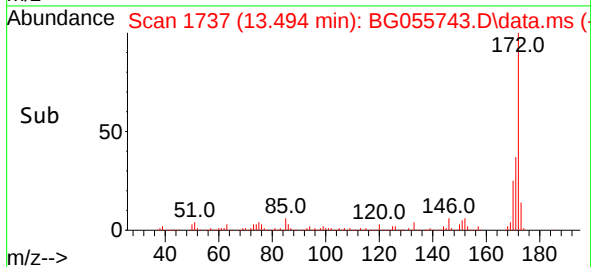
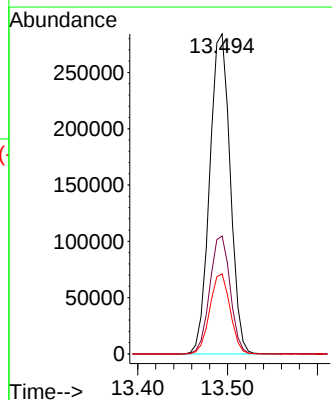
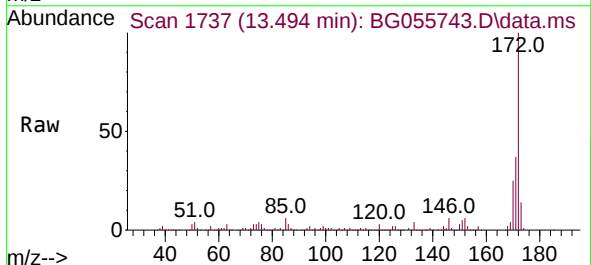
Instrument :
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ClientSampleId :
MH-83.5

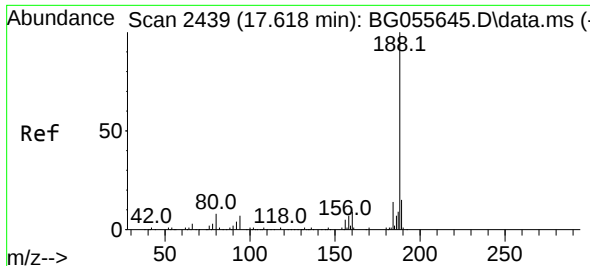
Tgt Ion:330 Resp: 168579
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 30.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 63.011 ng
RT: 13.494 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:172 Resp: 452264
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.0 20.2 30.4

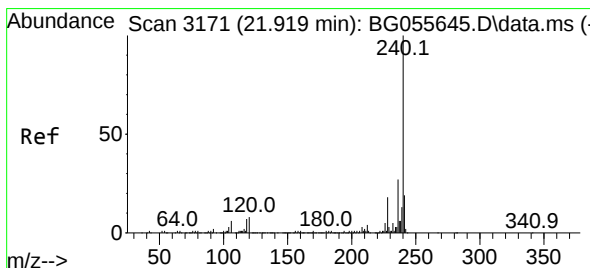
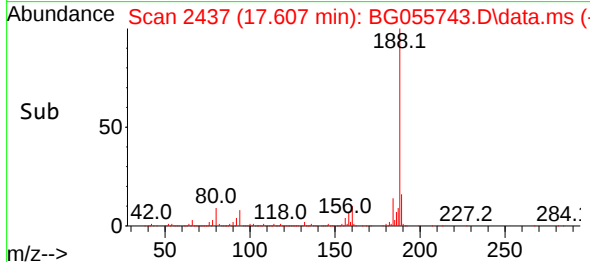
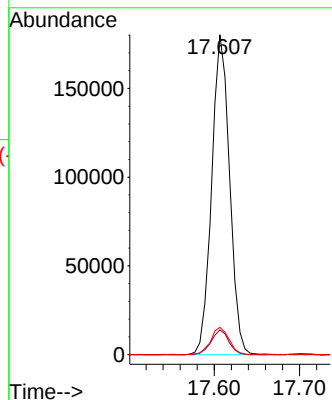
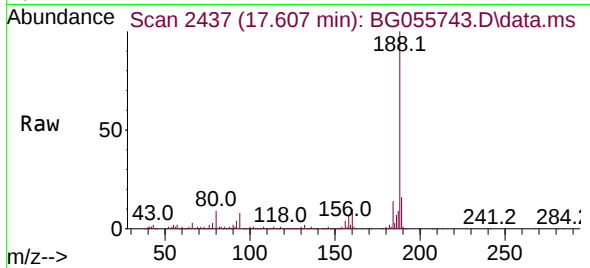




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

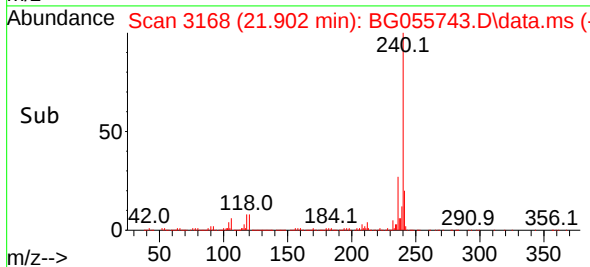
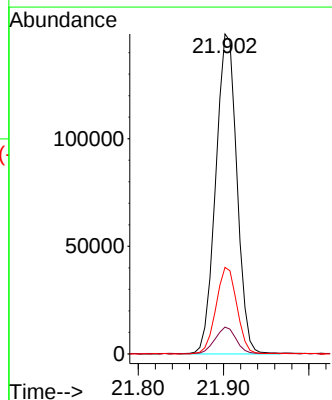
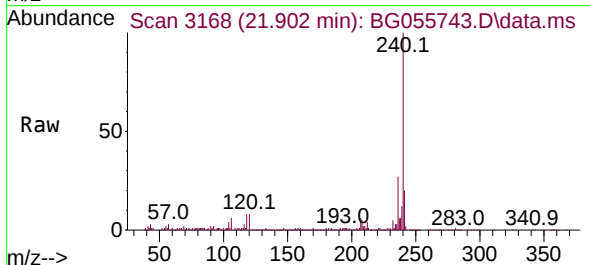
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BNA_G
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MH-83.5

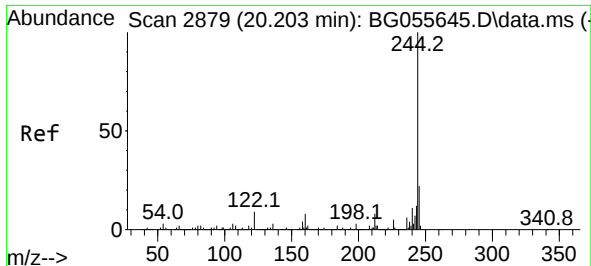
Tgt Ion:188 Resp: 262290
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.2
80 8.5 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:240 Resp: 256240
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 27.0 21.9 32.9

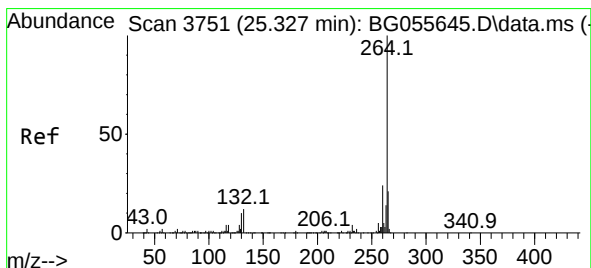
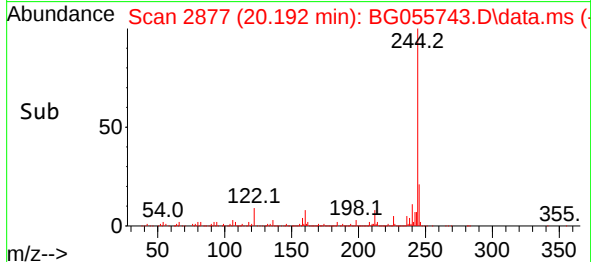
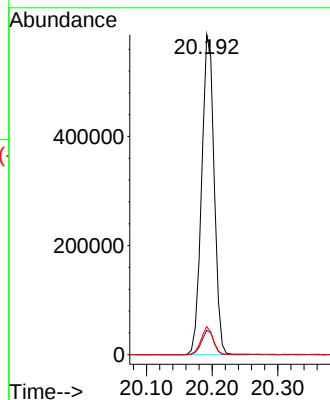
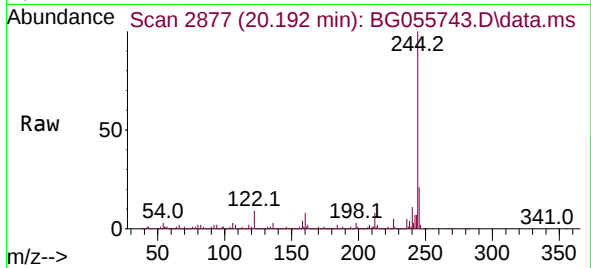




#79
 Terphenyl-d14
 Concen: 60.101 ng
 RT: 20.192 min Scan# 2879
 Delta R.T. 0.001 min
 Lab File: BG055743.D
 Acq: 22 Nov 2022 17:12

Instrument :
 BNA_G
 ClientSampleId :
 MH-83.5

Tgt Ion:244 Resp: 769971
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.7 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.309 min Scan# 3748
 Delta R.T. 0.007 min
 Lab File: BG055743.D
 Acq: 22 Nov 2022 17:12

Tgt Ion:264 Resp: 272981
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.8 17.1 25.7

