

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055713.D
 Acq On : 21 Nov 2022 13:22
 Operator : CG/JU
 Sample : N5678-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-01

Quant Time: Nov 22 02:02:40 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	34251	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	145779	20.000	ng	-0.01
39) Acenaphthene-d10	14.868	164	108560	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	259479	20.000	ng	0.00
76) Chrysene-d12	21.907	240	235721	20.000	ng	-0.01
86) Perylene-d12	25.320	264	248111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	242191	127.811	ng	0.00
7) Phenol-d6	7.394	99	318373	126.216	ng	0.00
23) Nitrobenzene-d5	9.416	82	198263	71.884	ng	-0.01
42) 2,4,6-Tribromophenol	16.355	330	193767	126.756	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	538872	74.364	ng	0.00
79) Terphenyl-d14	20.197	244	917566	77.857	ng	0.00

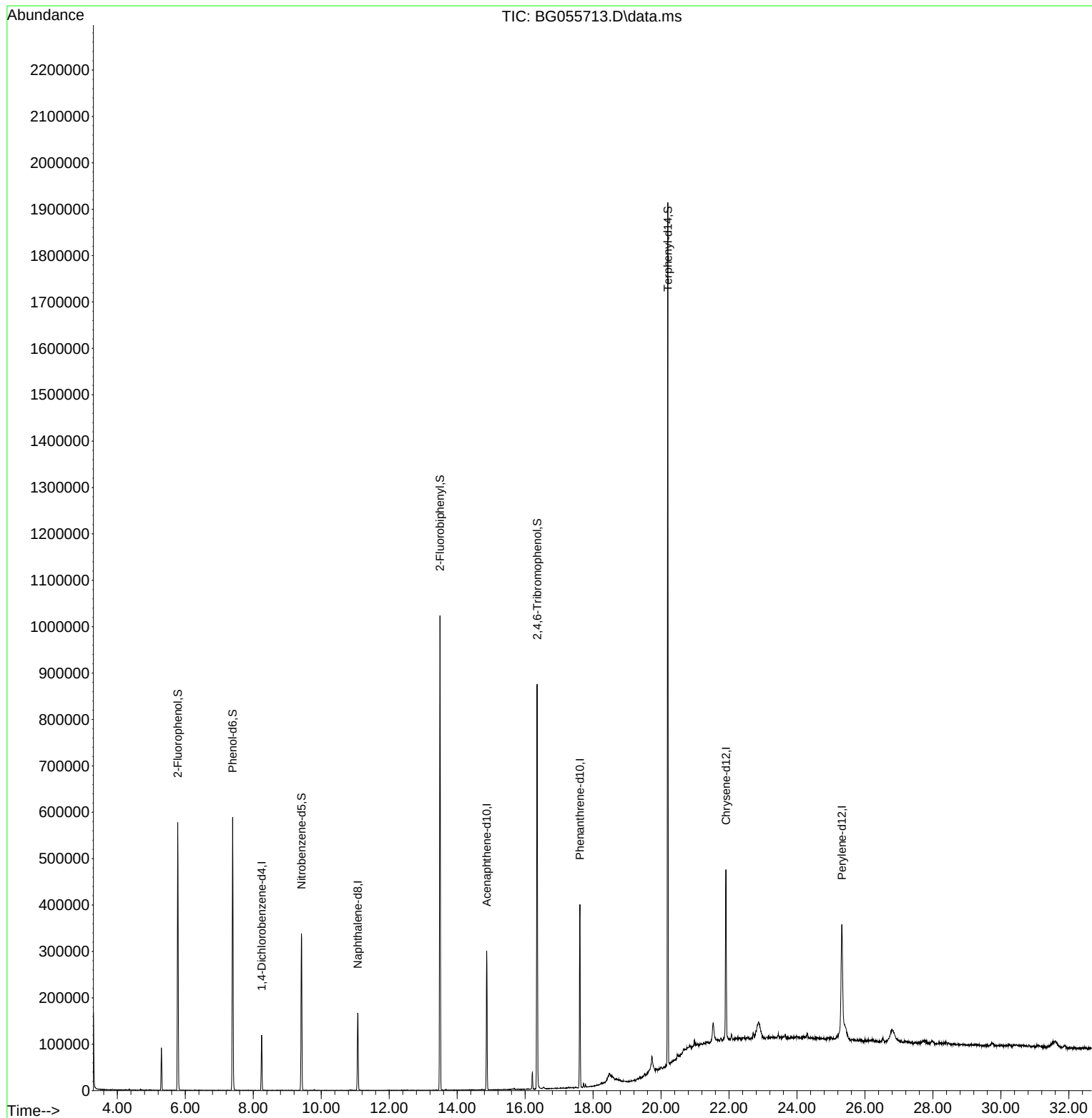
Target Compounds	Qvalue

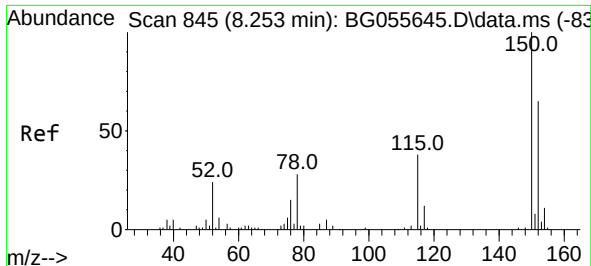
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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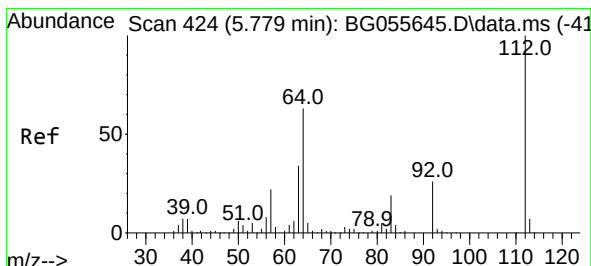
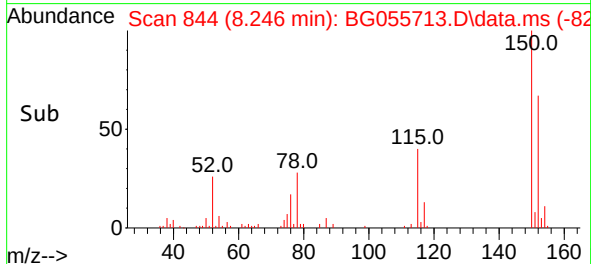
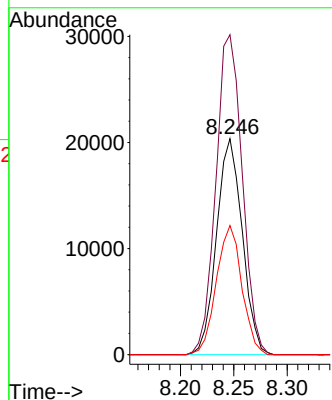
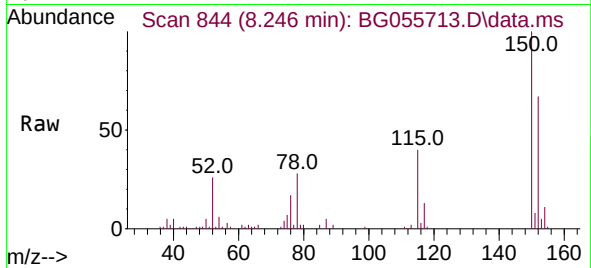




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

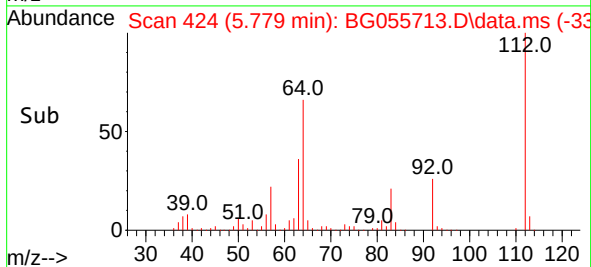
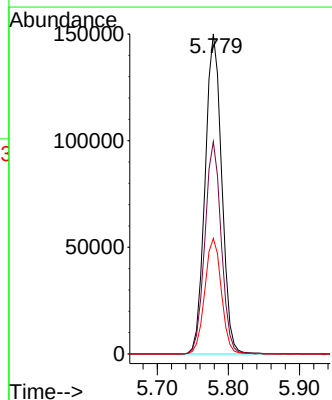
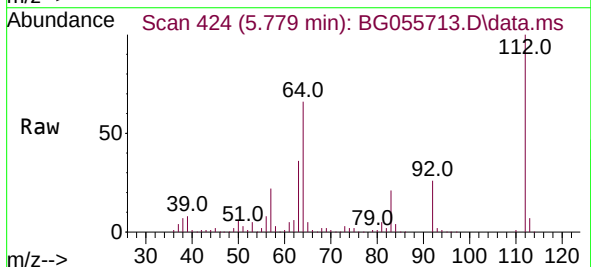
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-01

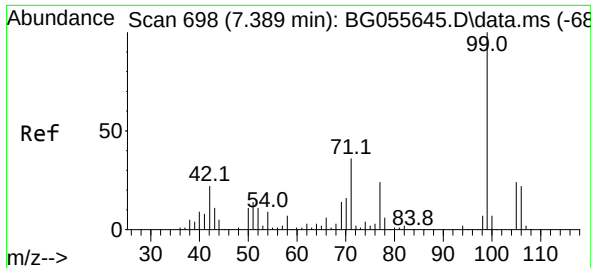
Tgt Ion:152 Resp: 34251
Ion Ratio Lower Upper
152 100
150 148.2 123.0 184.6
115 59.7 47.0 70.4



#5
2-Fluorophenol
Concen: 127.811 ng
RT: 5.779 min Scan# 424
Delta R.T. -0.000 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion:112 Resp: 242191
Ion Ratio Lower Upper
112 100
64 66.3 50.6 76.0
63 36.1 27.5 41.3

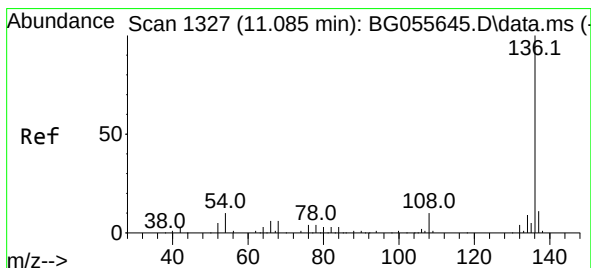
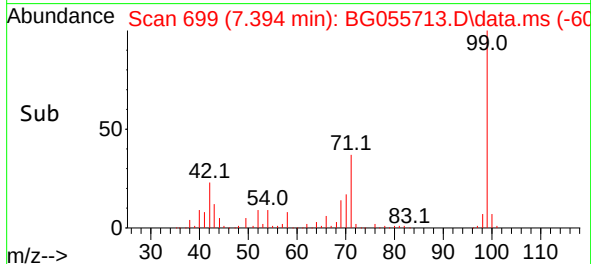
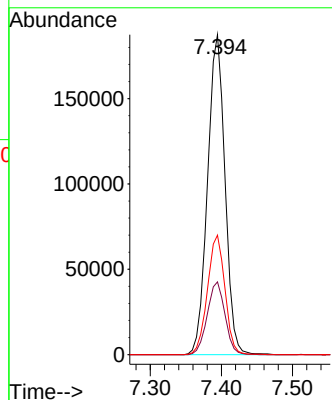
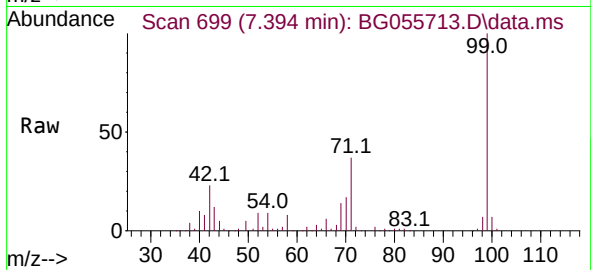




#7
Phenol-d6
Concen: 126.216 ng
RT: 7.394 min Scan# 699
Delta R.T. 0.005 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

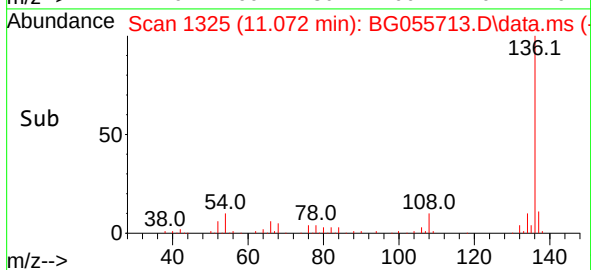
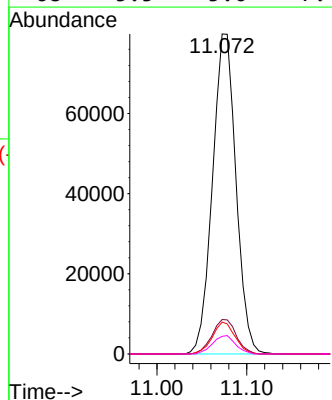
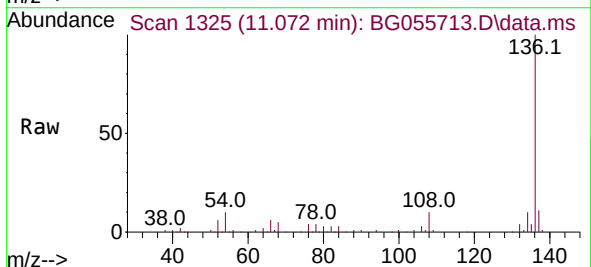
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-01

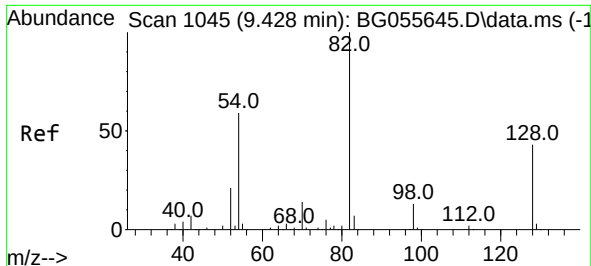
Tgt Ion: 99 Resp: 318373
Ion Ratio Lower Upper
99 100
42 22.7 18.0 27.0
71 37.3 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion:136 Resp: 145779
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.9 7.8 11.6
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.884 ng

RT: 9.416 min Scan# 1043

Delta R.T. -0.012 min

Lab File: BG055713.D

Acq: 21 Nov 2022 13:22

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-01

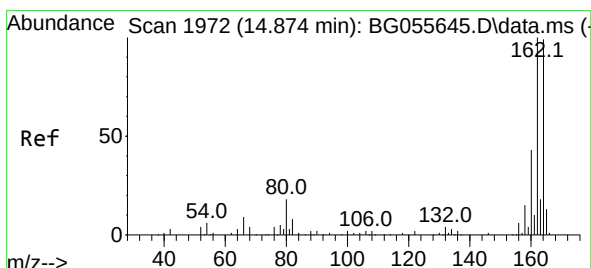
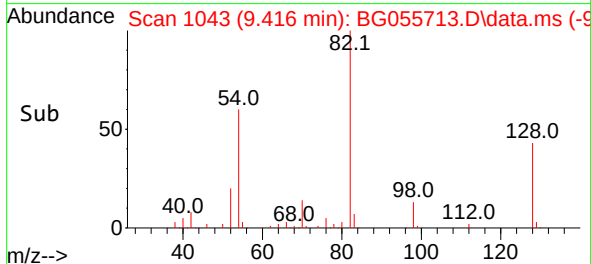
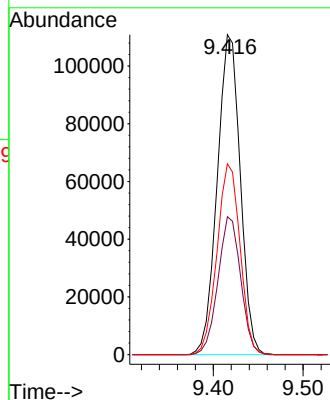
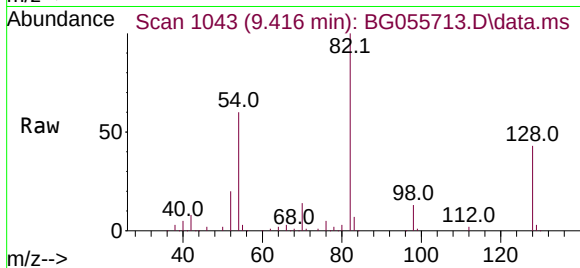
Tgt Ion: 82 Resp: 198263

Ion Ratio Lower Upper

82 100

128 43.1 34.1 51.1

54 59.6 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.868 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BG055713.D

Acq: 21 Nov 2022 13:22

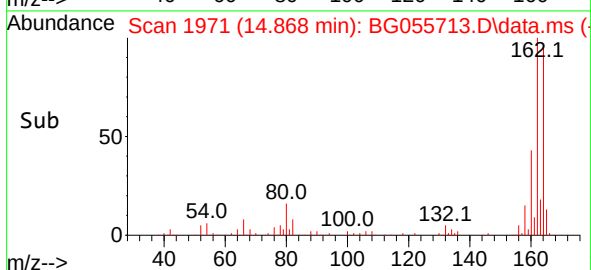
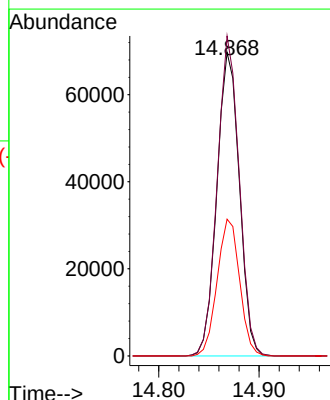
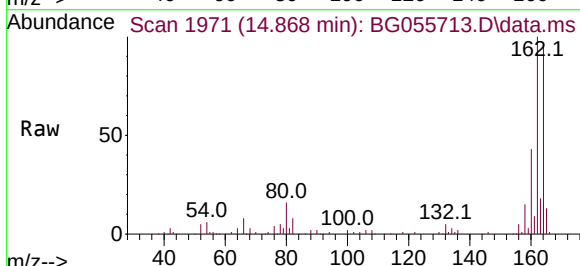
Tgt Ion: 164 Resp: 108560

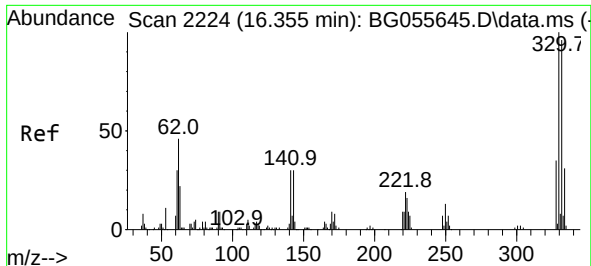
Ion Ratio Lower Upper

164 100

162 105.5 81.1 121.7

160 45.1 34.8 52.2

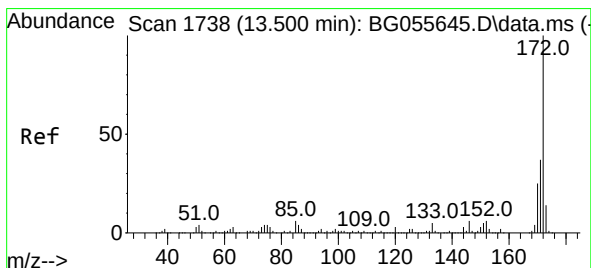
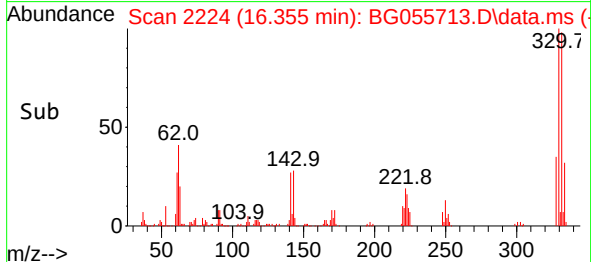
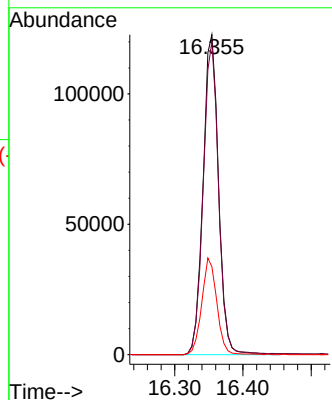
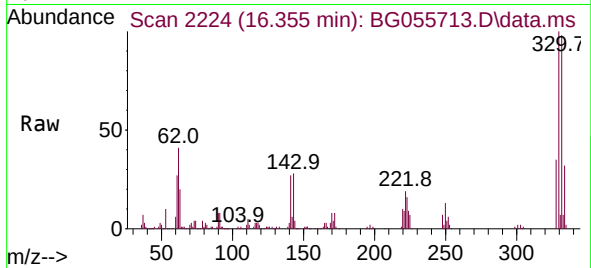




#42
2,4,6-Tribromophenol
Concen: 126.756 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

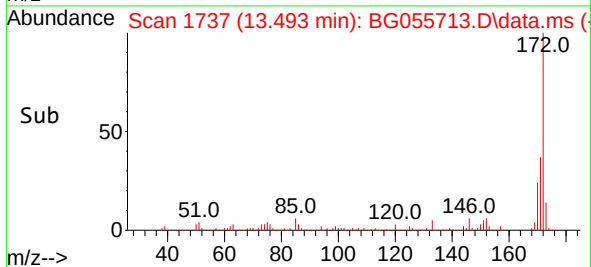
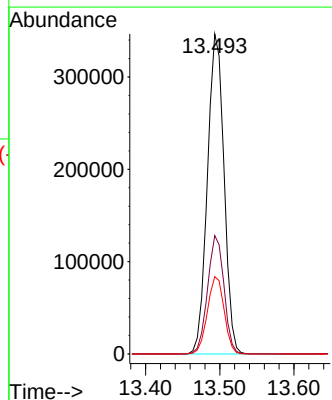
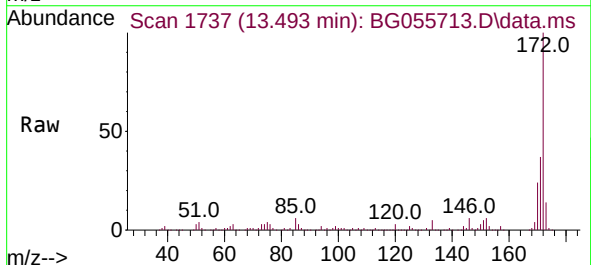
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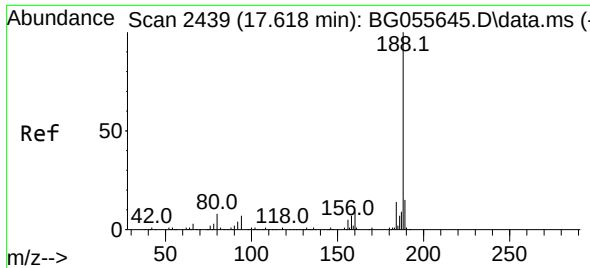
Tgt Ion:330 Resp: 193767
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 29.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 74.364 ng
RT: 13.493 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion:172 Resp: 538872
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.1 20.2 30.4

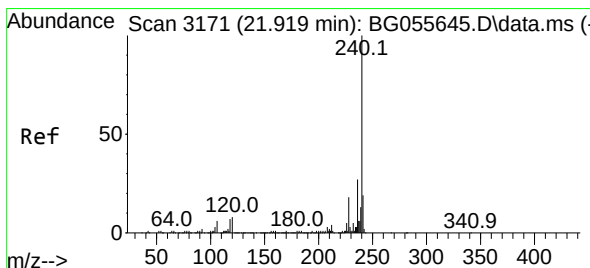
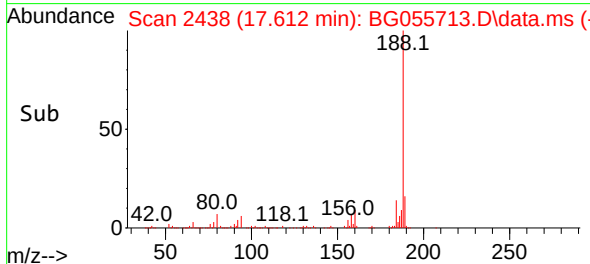
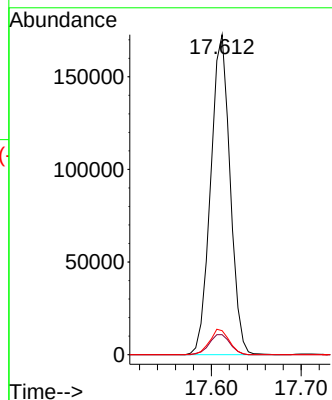
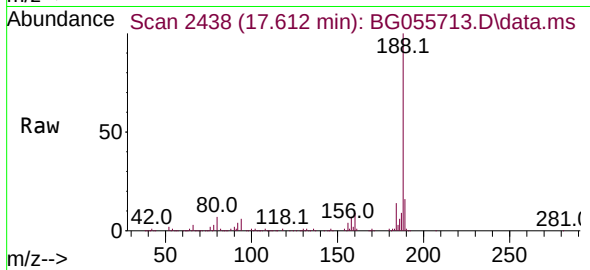




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

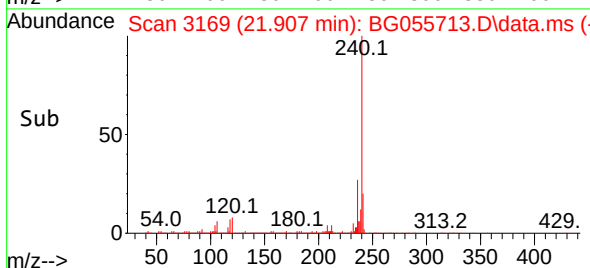
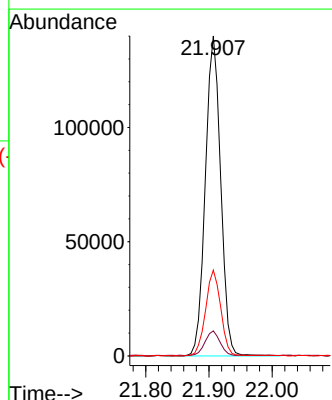
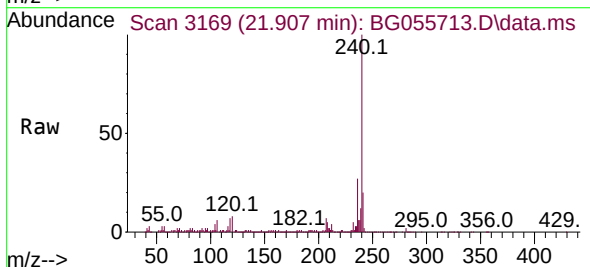
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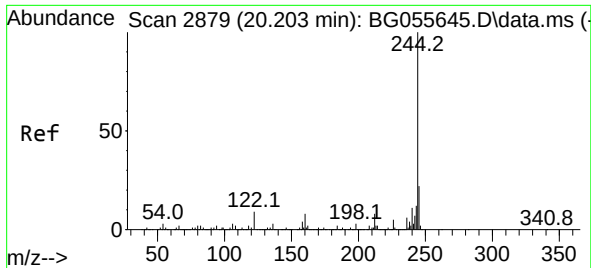
Tgt Ion:188 Resp: 259479
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.2
80 7.5 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.907 min Scan# 3169
Delta R.T. -0.012 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion:240 Resp: 235721
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.8 21.9 32.9

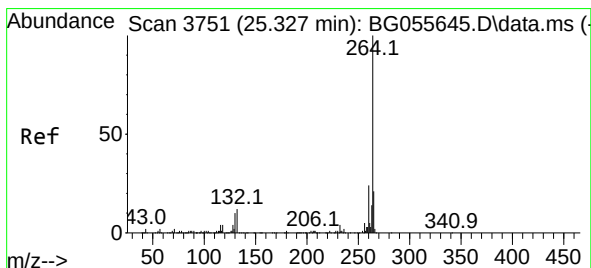
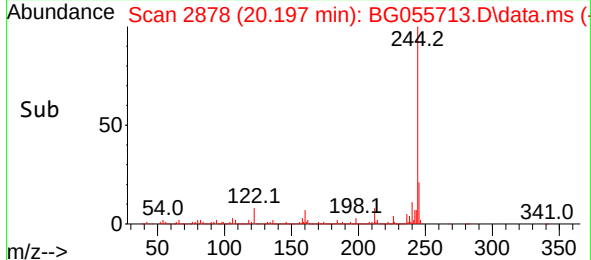
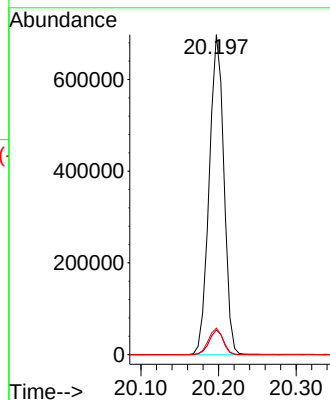
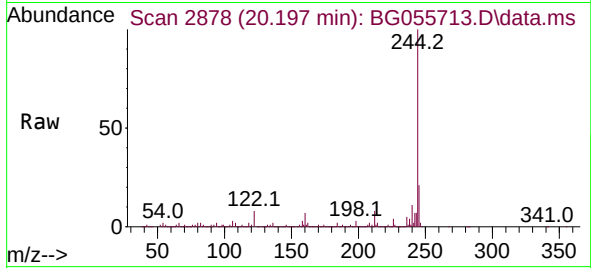




#79
 Terphenyl-d14
 Concen: 77.857 ng
 RT: 20.197 min Scan# 2879
 Delta R.T. -0.006 min
 Lab File: BG055713.D
 Acq: 21 Nov 2022 13:22

Instrument :
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 ClientSampleId :
 250FB-BP-BACKFILL-01

Tgt Ion:244 Resp: 917566
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.320 min Scan# 3750
 Delta R.T. -0.006 min
 Lab File: BG055713.D
 Acq: 21 Nov 2022 13:22

Tgt Ion:264 Resp: 248111
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 22.0 17.1 25.7

