

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055723.D
 Acq On : 21 Nov 2022 20:27
 Operator : CG/JU
 Sample : N5678-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-09

Quant Time: Nov 22 02:07:52 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	8.242	152	33186	20.000	ng	-0.01
21) Naphthalene-d8	11.074	136	149121	20.000	ng	-0.01
39) Acenaphthene-d10	14.870	164	118923	20.000	ng	0.00
64) Phenanthrene-d10	17.608	188	282540	20.000	ng	-0.01
76) Chrysene-d12	21.903	240	259255	20.000	ng	-0.02
86) Perylene-d12	25.311	264	271544	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.775	112	243970	132.881	ng	0.00
7) Phenol-d6	7.390	99	326126	133.439	ng	0.00
23) Nitrobenzene-d5	9.418	82	197850	70.126	ng	-0.01
42) 2,4,6-Tribromophenol	16.351	330	192810	115.139	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	558288	70.330	ng	0.00
79) Terphenyl-d14	20.193	244	1002001	77.303	ng	-0.01

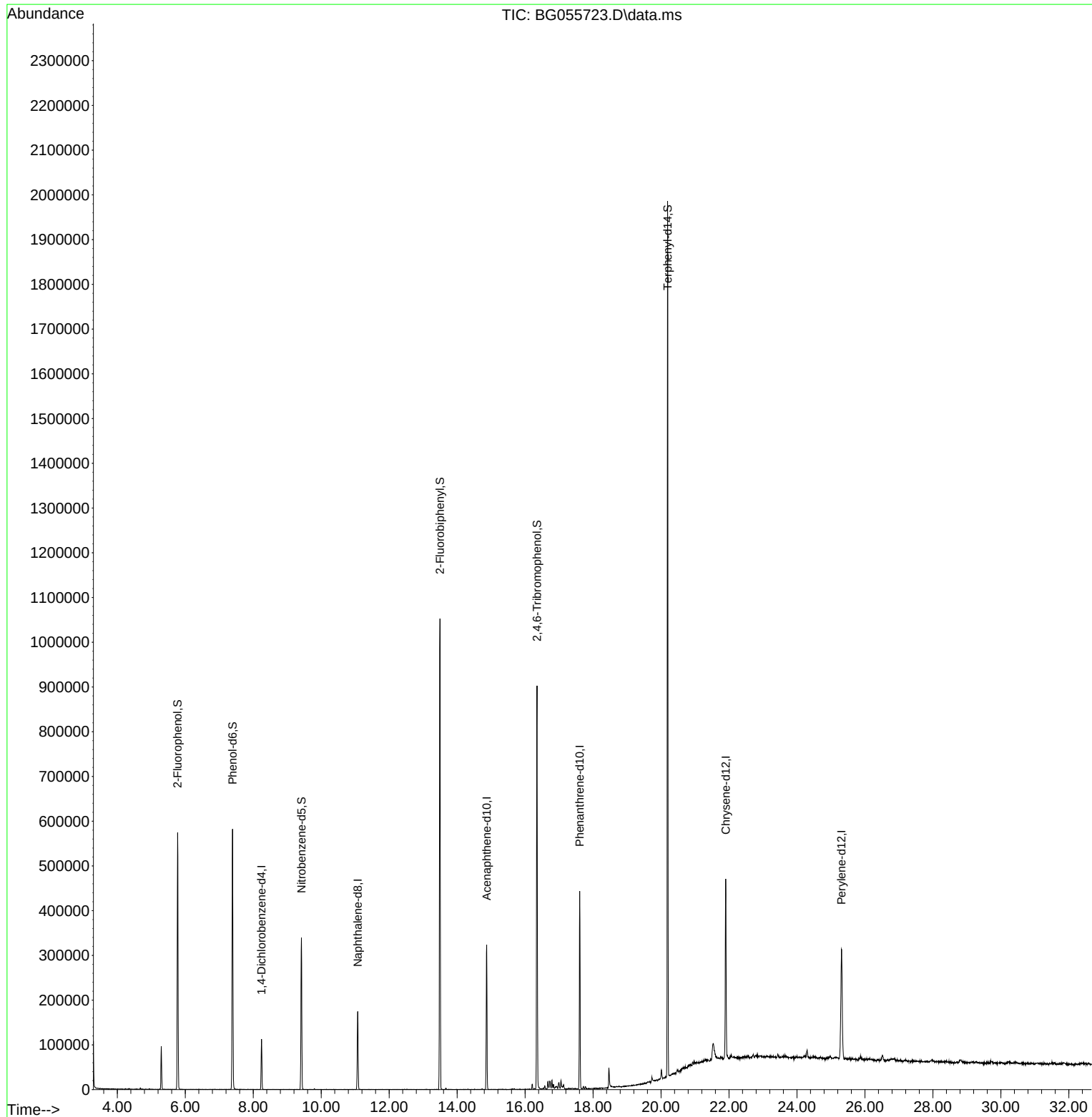
Target Compounds Qvalue

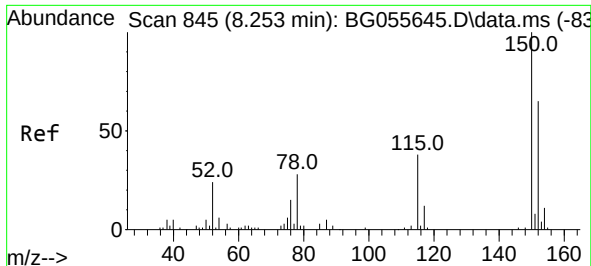
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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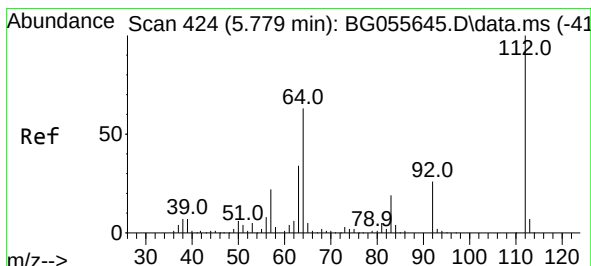
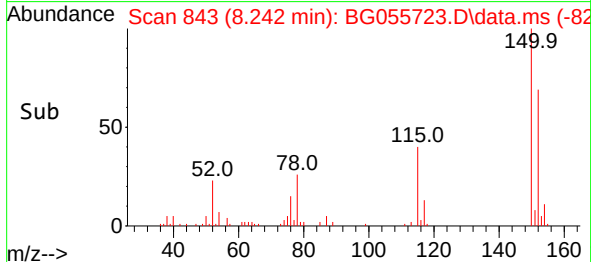
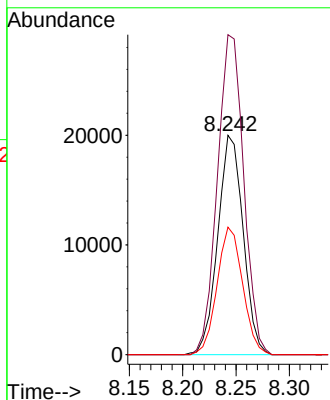
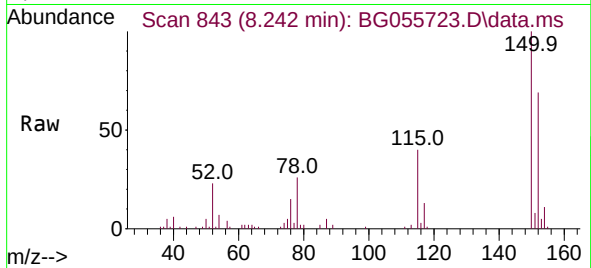




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.242 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

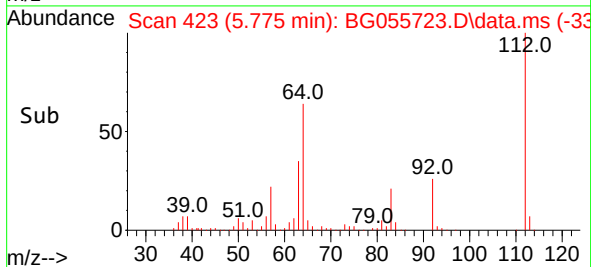
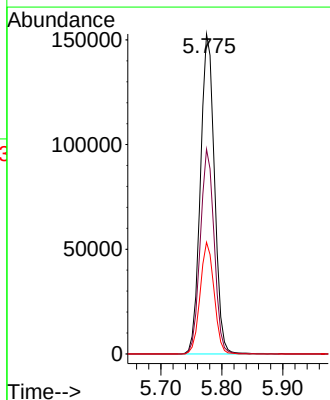
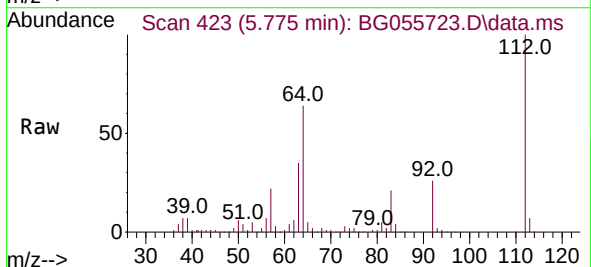
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

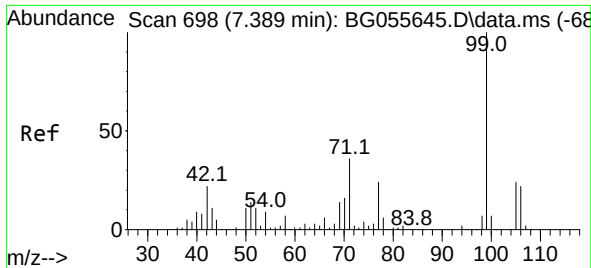
Tgt Ion:152 Resp: 33186
Ion Ratio Lower Upper
152 100
150 145.9 123.0 184.6
115 58.1 47.0 70.4



#5
2-Fluorophenol
Concen: 132.881 ng
RT: 5.775 min Scan# 423
Delta R.T. -0.004 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion:112 Resp: 243970
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 34.9 27.5 41.3

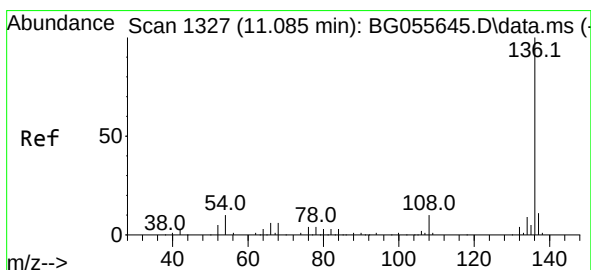
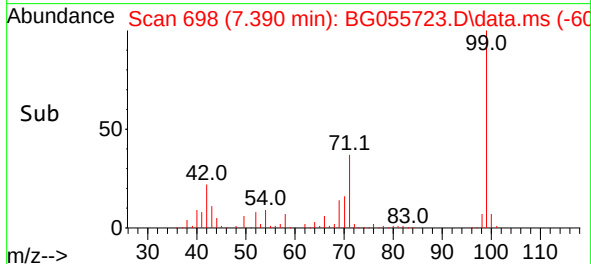
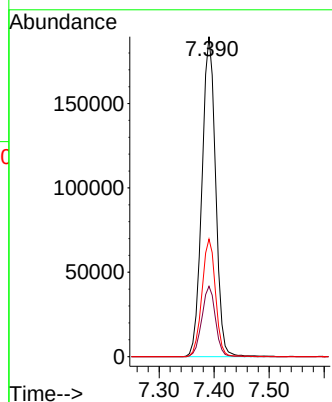
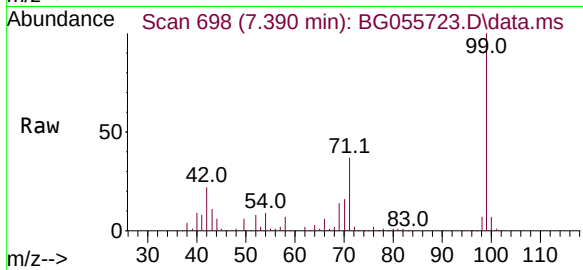




#7
Phenol-d6
Concen: 133.439 ng
RT: 7.390 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

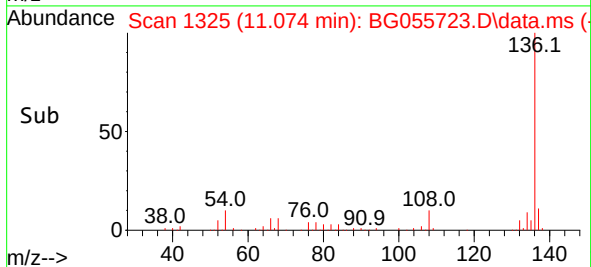
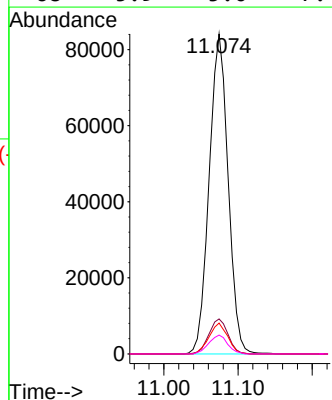
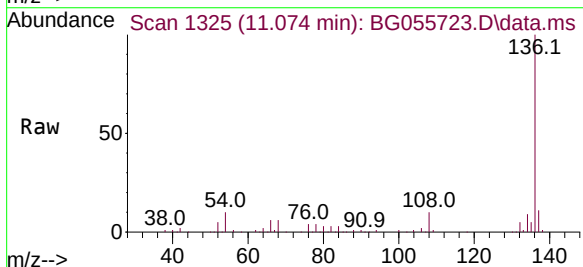
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

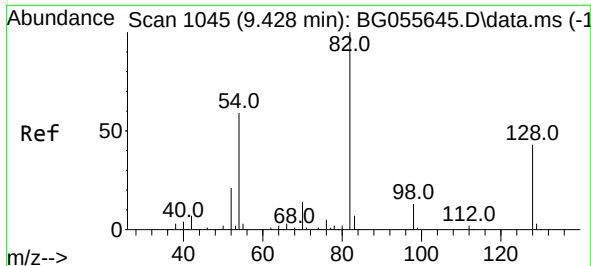
Tgt Ion: 99 Resp: 326126
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.7 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 1325
Delta R.T. -0.010 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion:136 Resp: 149121
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.6 7.8 11.6
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 70.126 ng

RT: 9.418 min Scan# 1043

Delta R.T. -0.010 min

Lab File: BG055723.D

Acq: 21 Nov 2022 20:27

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-09

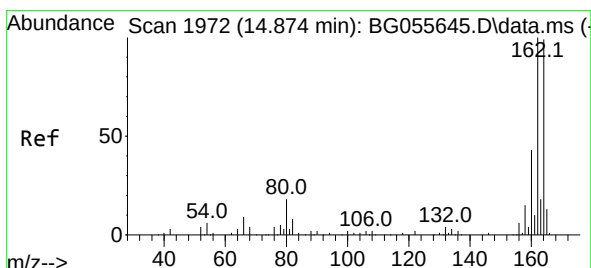
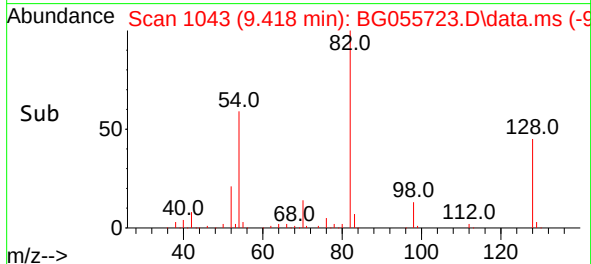
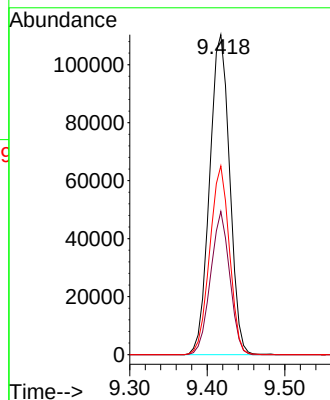
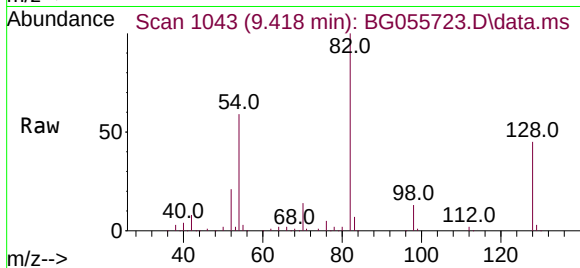
Tgt Ion: 82 Resp: 197850

Ion Ratio Lower Upper

82 100

128 44.7 34.1 51.1

54 59.0 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.870 min Scan# 1971

Delta R.T. -0.004 min

Lab File: BG055723.D

Acq: 21 Nov 2022 20:27

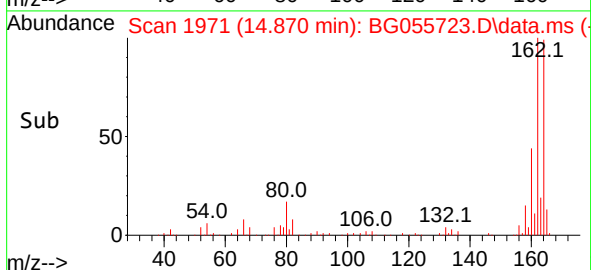
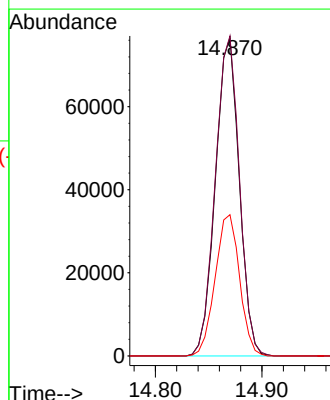
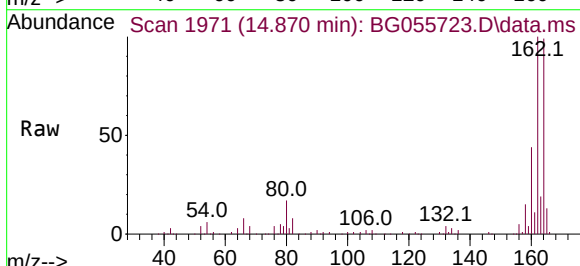
Tgt Ion:164 Resp: 118923

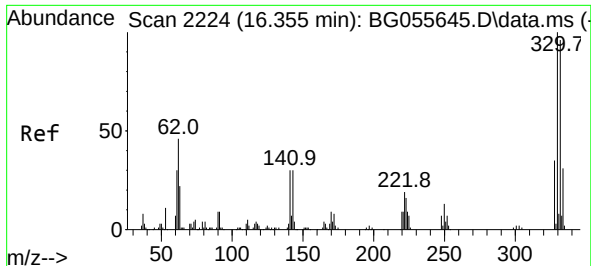
Ion Ratio Lower Upper

164 100

162 100.5 81.1 121.7

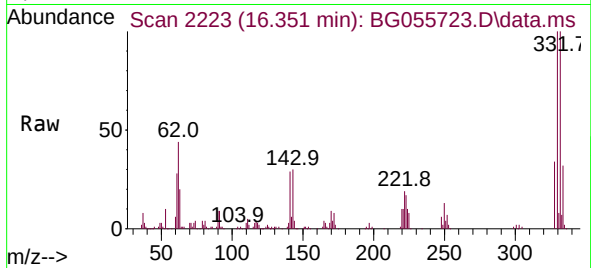
160 44.3 34.8 52.2



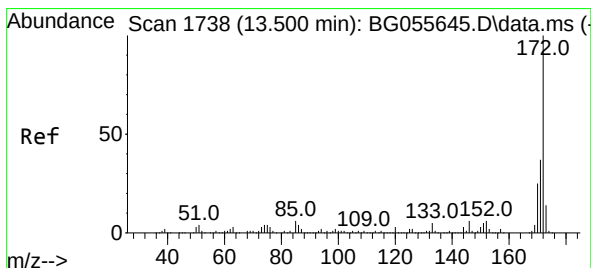
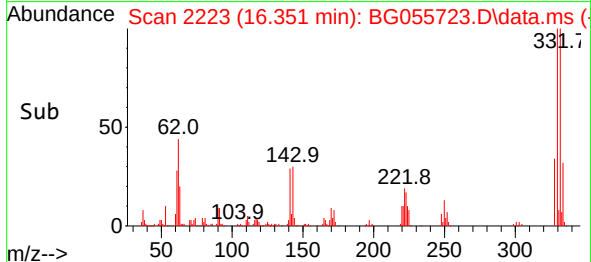
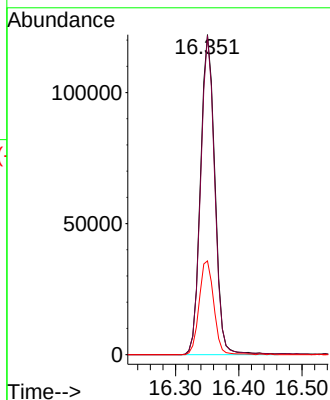


#42
2,4,6-Tribromophenol
Concen: 115.139 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

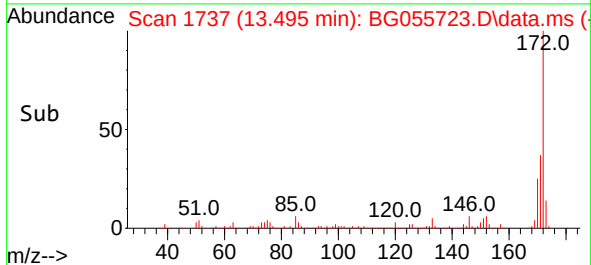
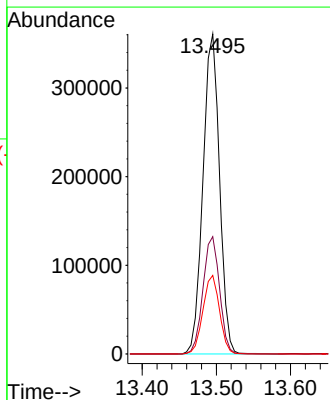
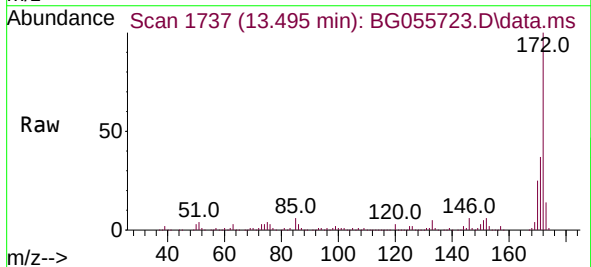


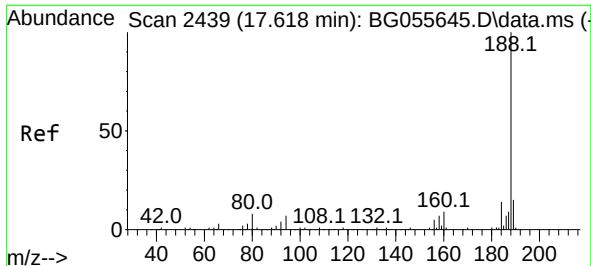
Tgt Ion:330 Resp: 192810
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 29.7 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 70.330 ng
RT: 13.495 min Scan# 1737
Delta R.T. -0.004 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion:172 Resp: 558288
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.5 20.2 30.4

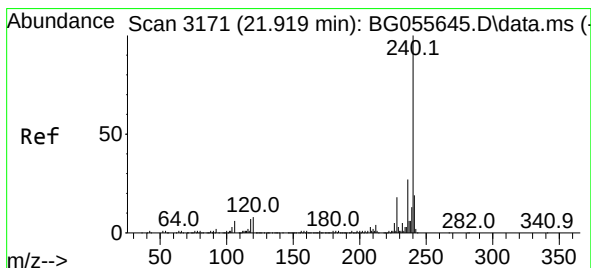
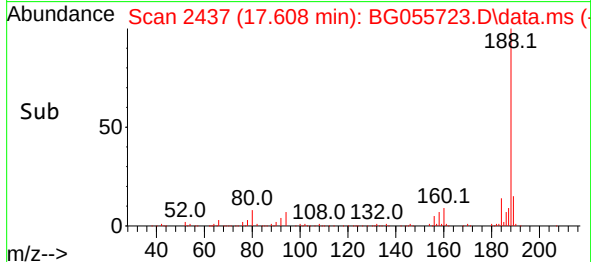
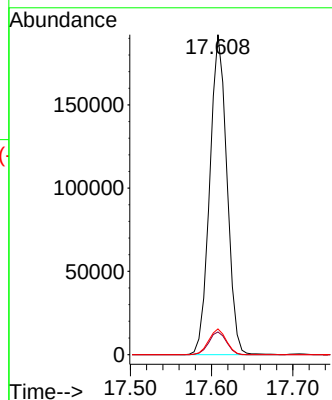
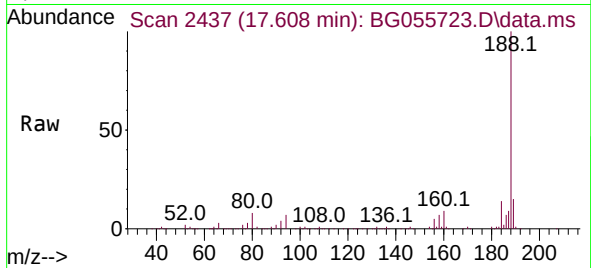




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.608 min Scan# 2437
Delta R.T. -0.010 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

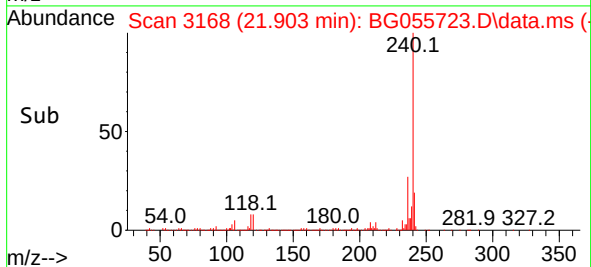
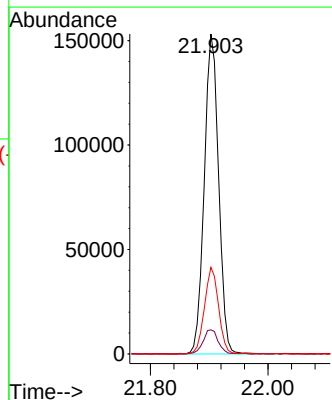
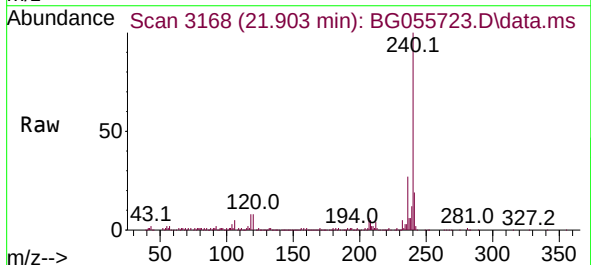
Instrument :
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250FB-BP-BACKFILL-09

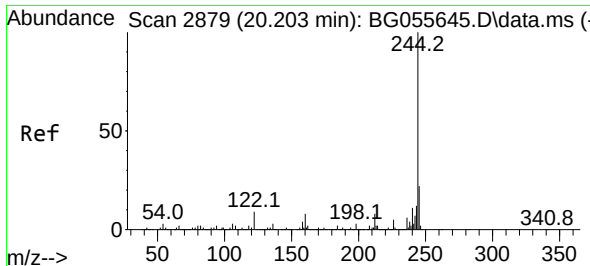
Tgt Ion:188 Resp: 282540
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.903 min Scan# 3168
Delta R.T. -0.016 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion:240 Resp: 259255
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 27.0 21.9 32.9

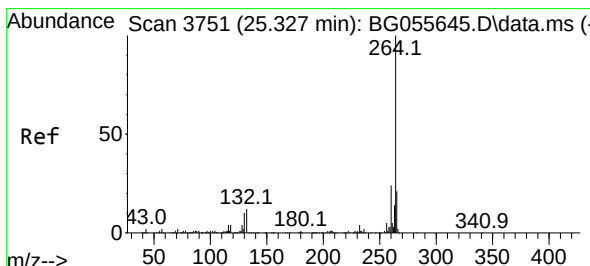
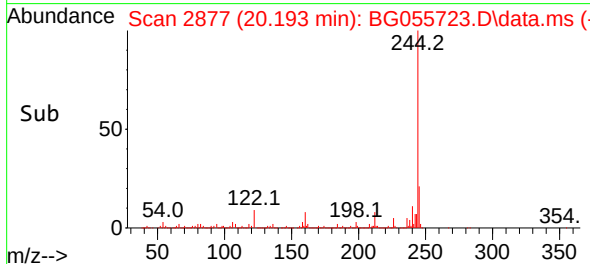
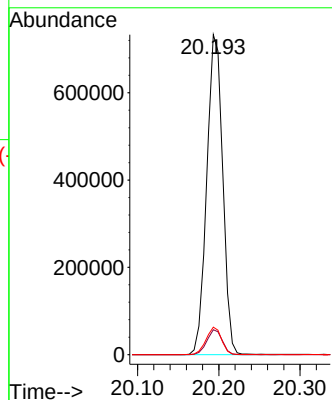
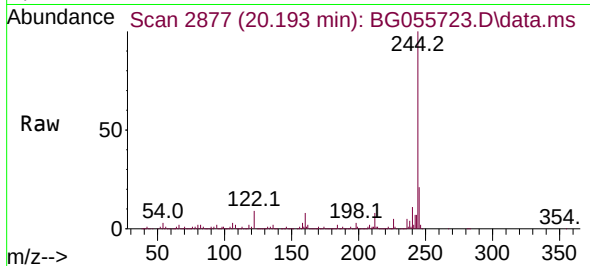




#79
 Terphenyl-d14
 Concen: 77.303 ng
 RT: 20.193 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG055723.D
 Acq: 21 Nov 2022 20:27

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-09

Tgt Ion:244 Resp: 1002001
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.6 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.311 min Scan# 3748
 Delta R.T. -0.016 min
 Lab File: BG055723.D
 Acq: 21 Nov 2022 20:27

Tgt Ion:264 Resp: 271544
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.7 17.1 25.7

