

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055729.D
 Acq On : 22 Nov 2022 00:33
 Operator : CG/JU
 Sample : N5664-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1

Quant Time: Nov 22 02:10:24 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	8.241	152	37321	20.000	ng	-0.01
21) Naphthalene-d8	11.073	136	178783	20.000	ng	-0.01
39) Acenaphthene-d10	14.863	164	131280	20.000	ng	-0.01
64) Phenanthrene-d10	17.607	188	282487	20.000	ng	-0.01
76) Chrysene-d12	21.902	240	262601	20.000	ng	-0.02
86) Perylene-d12	25.304	264	279640	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	227918	110.384	ng	0.00
7) Phenol-d6	7.389	99	319557	116.265	ng	0.00
23) Nitrobenzene-d5	9.417	82	195904	57.916	ng	-0.01
42) 2,4,6-Tribromophenol	16.350	330	161811	87.532	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	514606	58.725	ng	0.00
79) Terphenyl-d14	20.192	244	782879	59.629	ng	-0.01

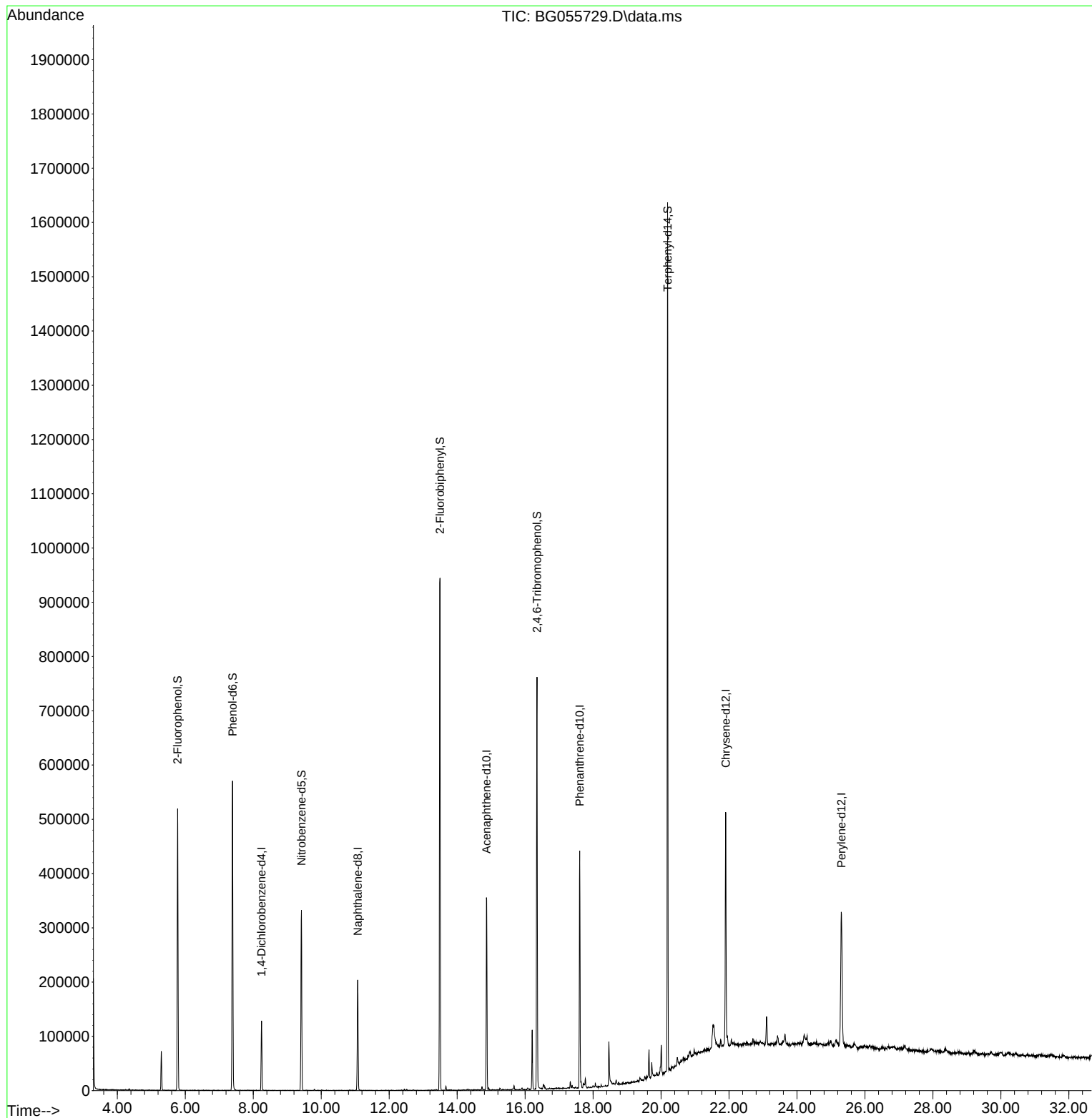
Target Compounds	Qvalue

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

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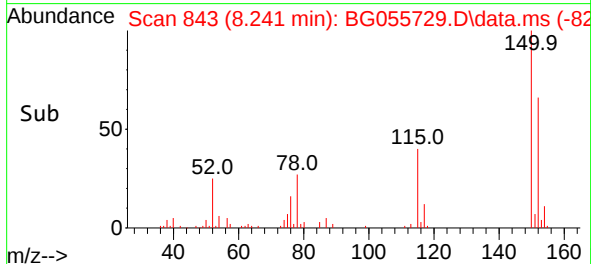
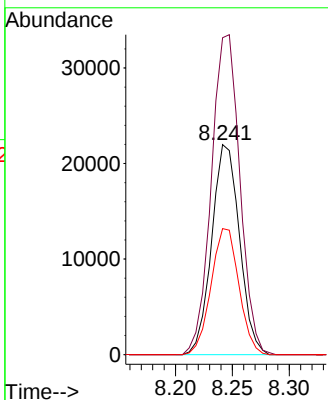
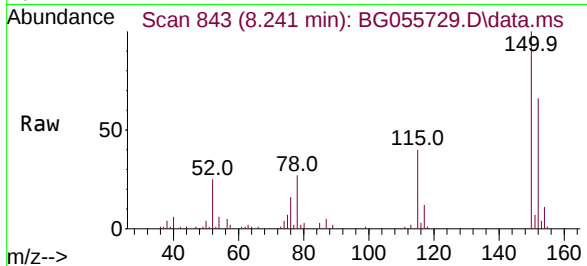




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

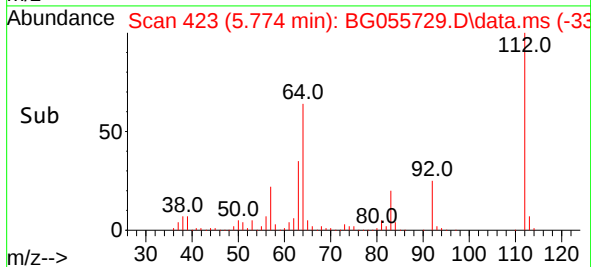
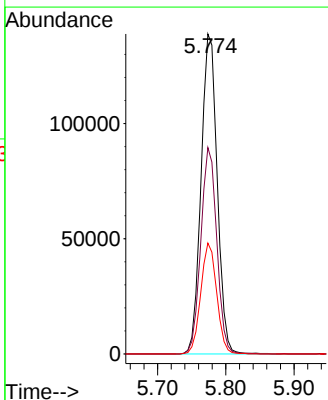
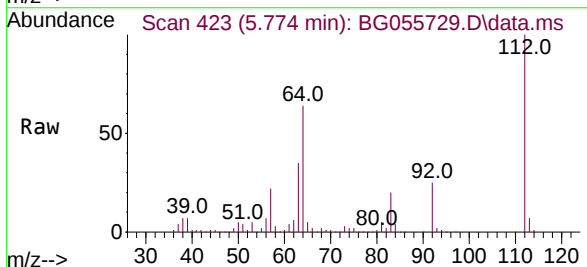
Instrument :
BNA_G
ClientSampleId :
B-1

Tgt Ion:152 Resp: 37321
Ion Ratio Lower Upper
152 100
150 150.9 123.0 184.6
115 60.0 47.0 70.4



#5
2-Fluorophenol
Concen: 110.384 ng
RT: 5.774 min Scan# 423
Delta R.T. -0.005 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion:112 Resp: 227918
Ion Ratio Lower Upper
112 100
64 64.5 50.6 76.0
63 34.6 27.5 41.3

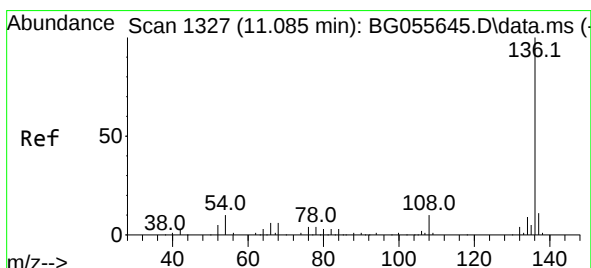
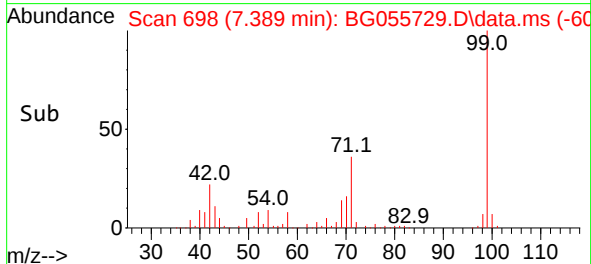
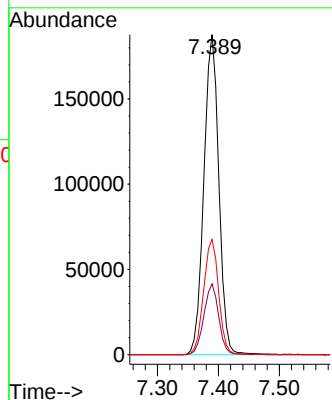
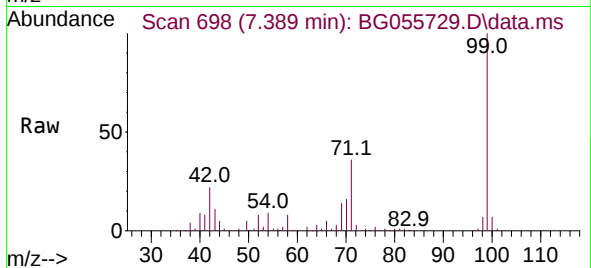




#7
Phenol-d6
Concen: 116.265 ng
RT: 7.389 min Scan# 698
Delta R.T. 0.000 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

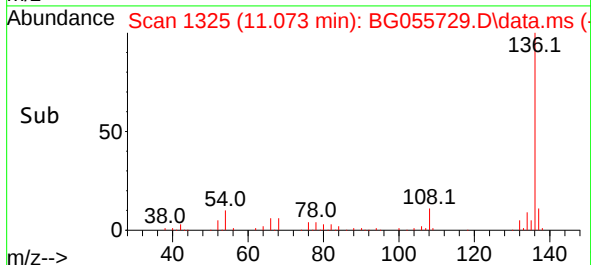
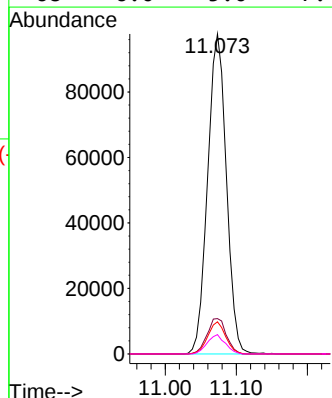
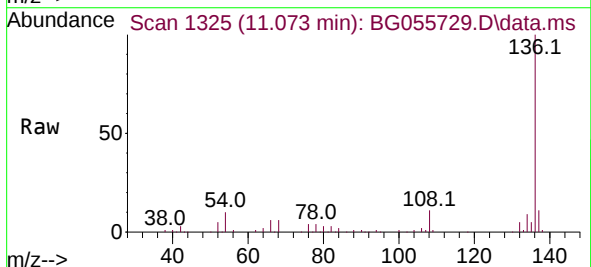
Instrument :
BNA_G
ClientSampleId :
B-1

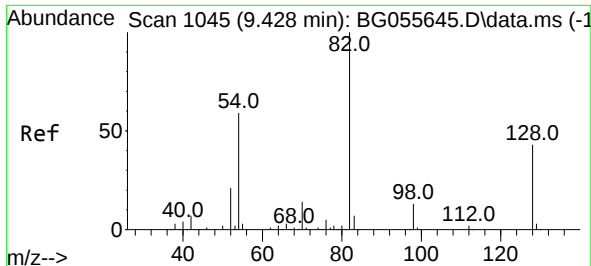
Tgt Ion: 99 Resp: 319557
Ion Ratio Lower Upper
99 100
42 22.1 18.0 27.0
71 36.0 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1325
Delta R.T. -0.011 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion: 136 Resp: 178783
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.0 7.8 11.6
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 57.916 ng

RT: 9.417 min Scan# 1043

Delta R.T. -0.011 min

Lab File: BG055729.D

Acq: 22 Nov 2022 00:33

Instrument :

BNA_G

ClientSampleId :

B-1

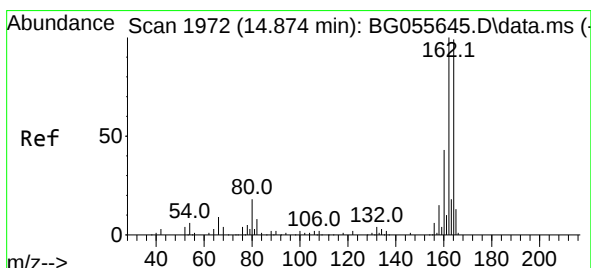
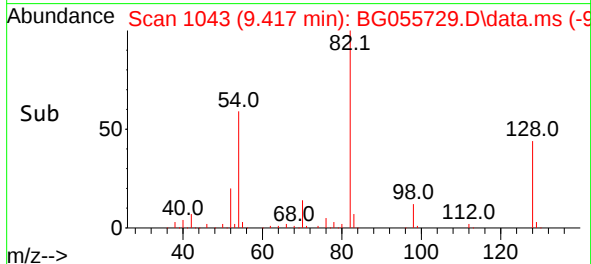
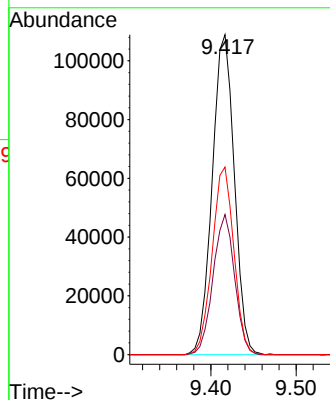
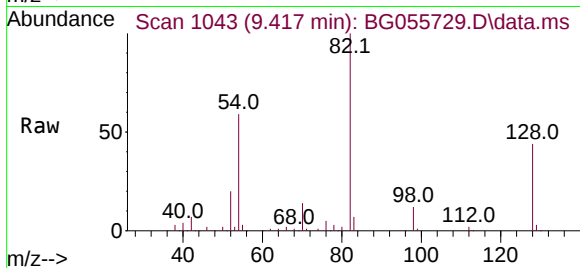
Tgt Ion: 82 Resp: 195904

Ion Ratio Lower Upper

82 100

128 43.8 34.1 51.1

54 58.6 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.863 min Scan# 1970

Delta R.T. -0.011 min

Lab File: BG055729.D

Acq: 22 Nov 2022 00:33

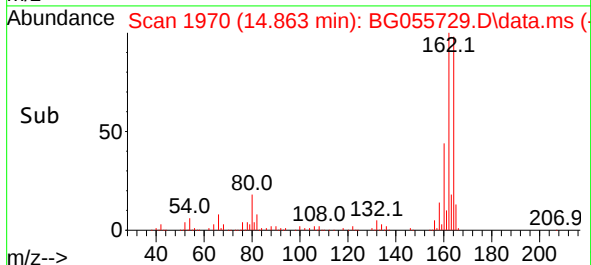
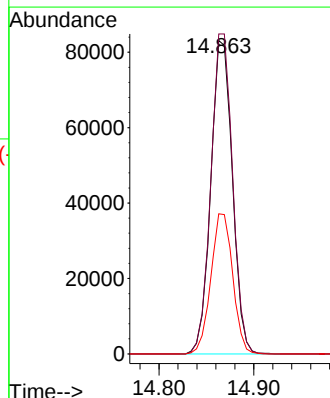
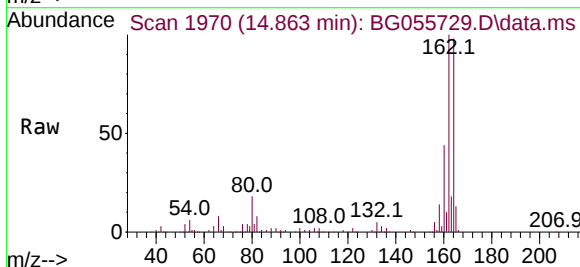
Tgt Ion:164 Resp: 131280

Ion Ratio Lower Upper

164 100

162 102.1 81.1 121.7

160 44.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.532 ng

RT: 16.350 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055729.D

Acq: 22 Nov 2022 00:33

Instrument :

BNA_G

ClientSampleId :

B-1

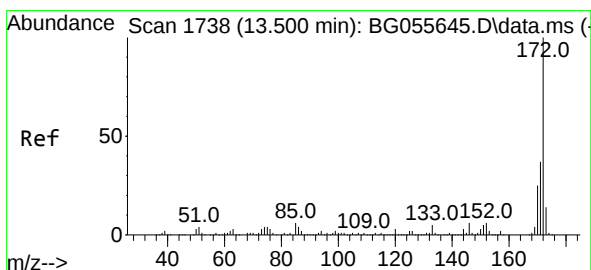
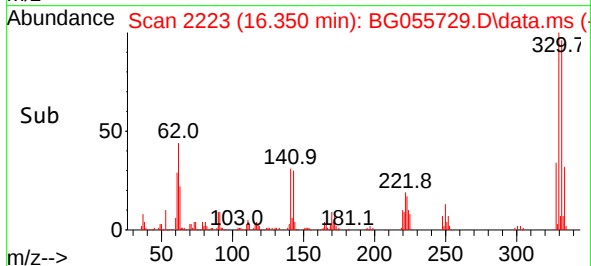
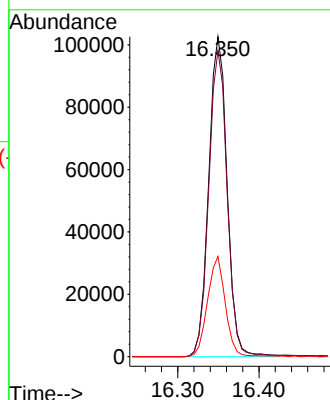
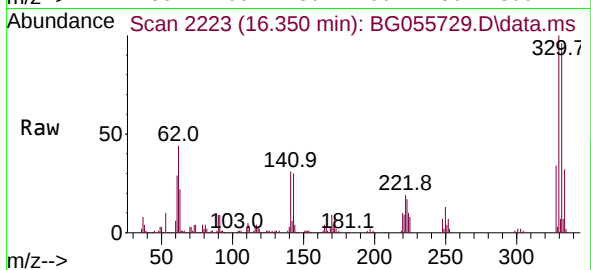
Tgt Ion:330 Resp: 161811

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.8

141 30.3 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 58.725 ng

RT: 13.494 min Scan# 1737

Delta R.T. -0.005 min

Lab File: BG055729.D

Acq: 22 Nov 2022 00:33

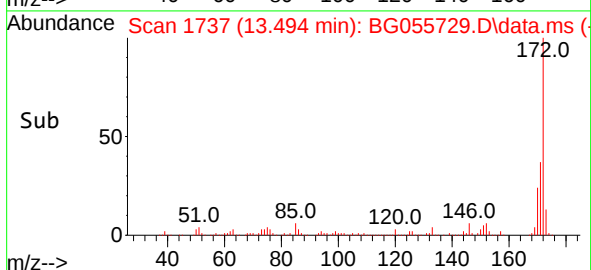
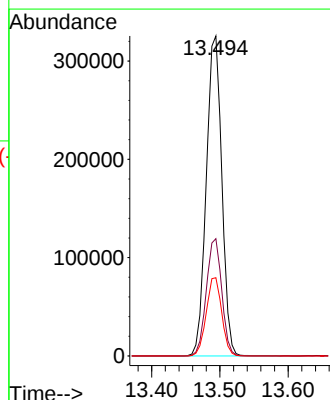
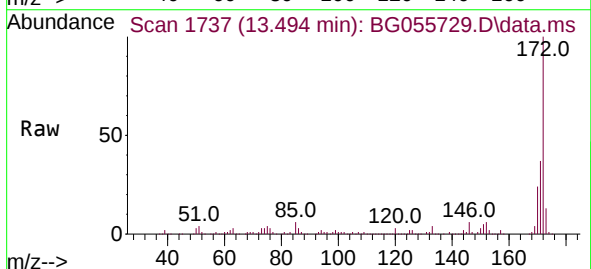
Tgt Ion:172 Resp: 514606

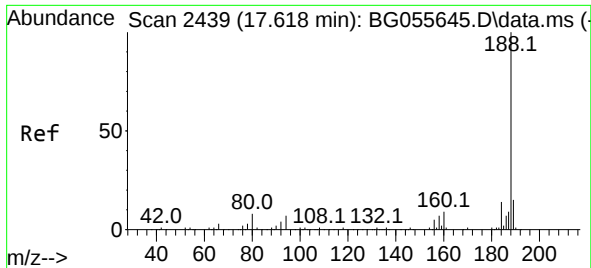
Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

170 24.4 20.2 30.4

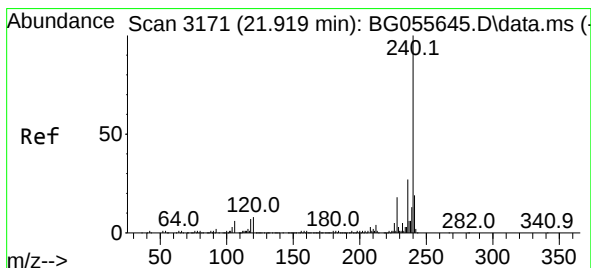
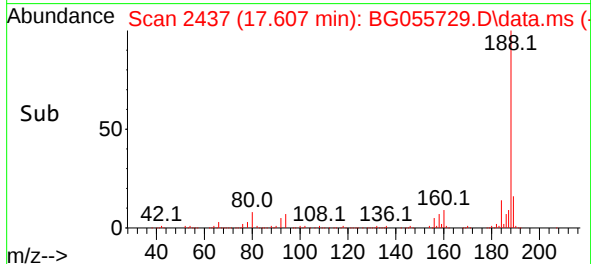
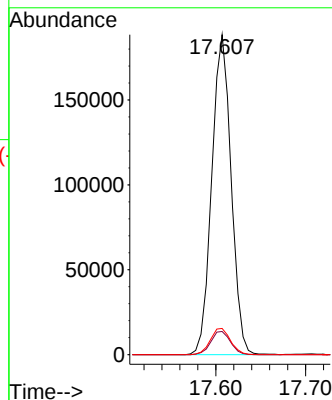
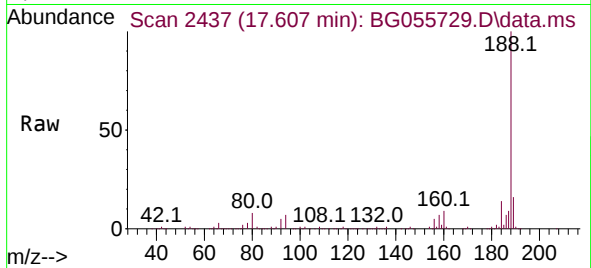




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2439
Delta R.T. -0.011 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

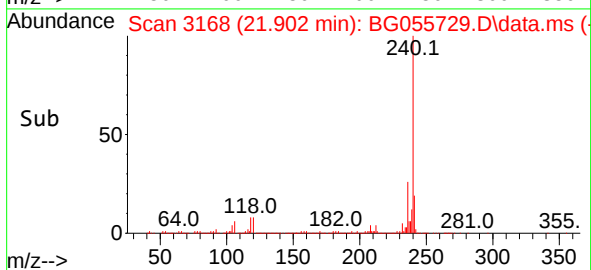
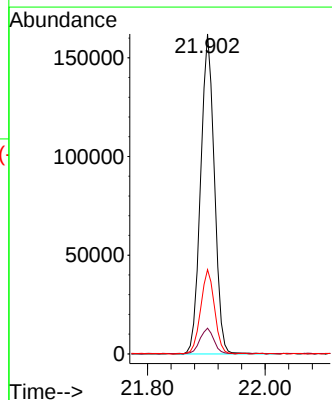
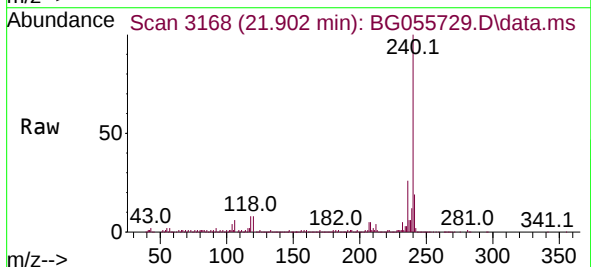
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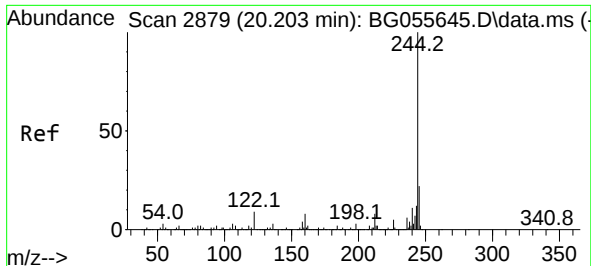
Tgt Ion:188 Resp: 282487
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 8.2 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.017 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion:240 Resp: 262601
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.4 21.9 32.9

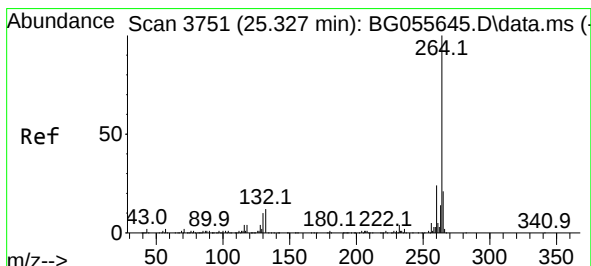
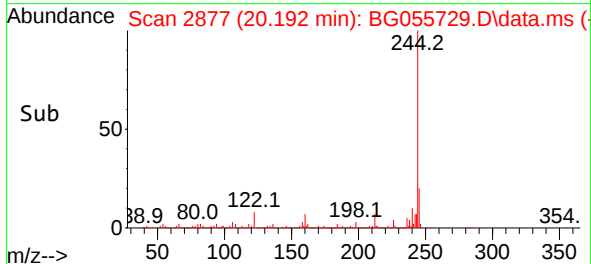
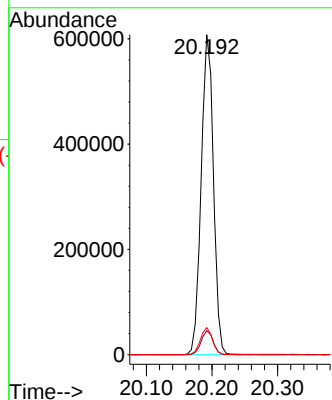
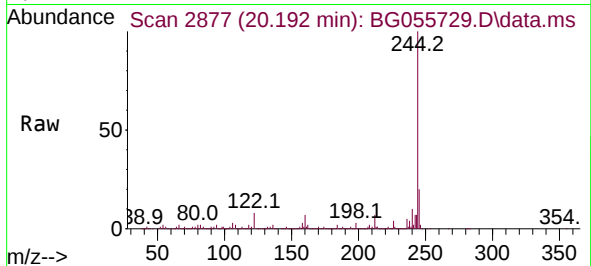




#79
 Terphenyl-d14
 Concen: 59.629 ng
 RT: 20.192 min Scan# 2877
 Delta R.T. -0.011 min
 Lab File: BG055729.D
 Acq: 22 Nov 2022 00:33

Instrument :
 BNA_G
 ClientSampleId :
 B-1

Tgt Ion:244 Resp: 782879
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.4 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.304 min Scan# 3747
 Delta R.T. -0.023 min
 Lab File: BG055729.D
 Acq: 22 Nov 2022 00:33

Tgt Ion:264 Resp: 279640
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.7 17.1 25.7

