

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055677.D
 Acq On : 17 Nov 2022 22:44
 Operator : CG/JU
 Sample : N5607-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-39

Quant Time: Nov 18 03:18:00 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	8.254	152	56026	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	225450	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	146515	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	303939	20.000	ng	0.00
76) Chrysene-d12	21.914	240	284333	20.000	ng	0.00
86) Perylene-d12	25.334	264	297744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	288410	93.047	ng	0.00
7) Phenol-d6	7.402	99	370393	89.769	ng	0.01
23) Nitrobenzene-d5	9.423	82	236745	55.503	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	169126	81.976	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	560405	57.302	ng	0.00
79) Terphenyl-d14	20.204	244	796931	56.060	ng	0.00

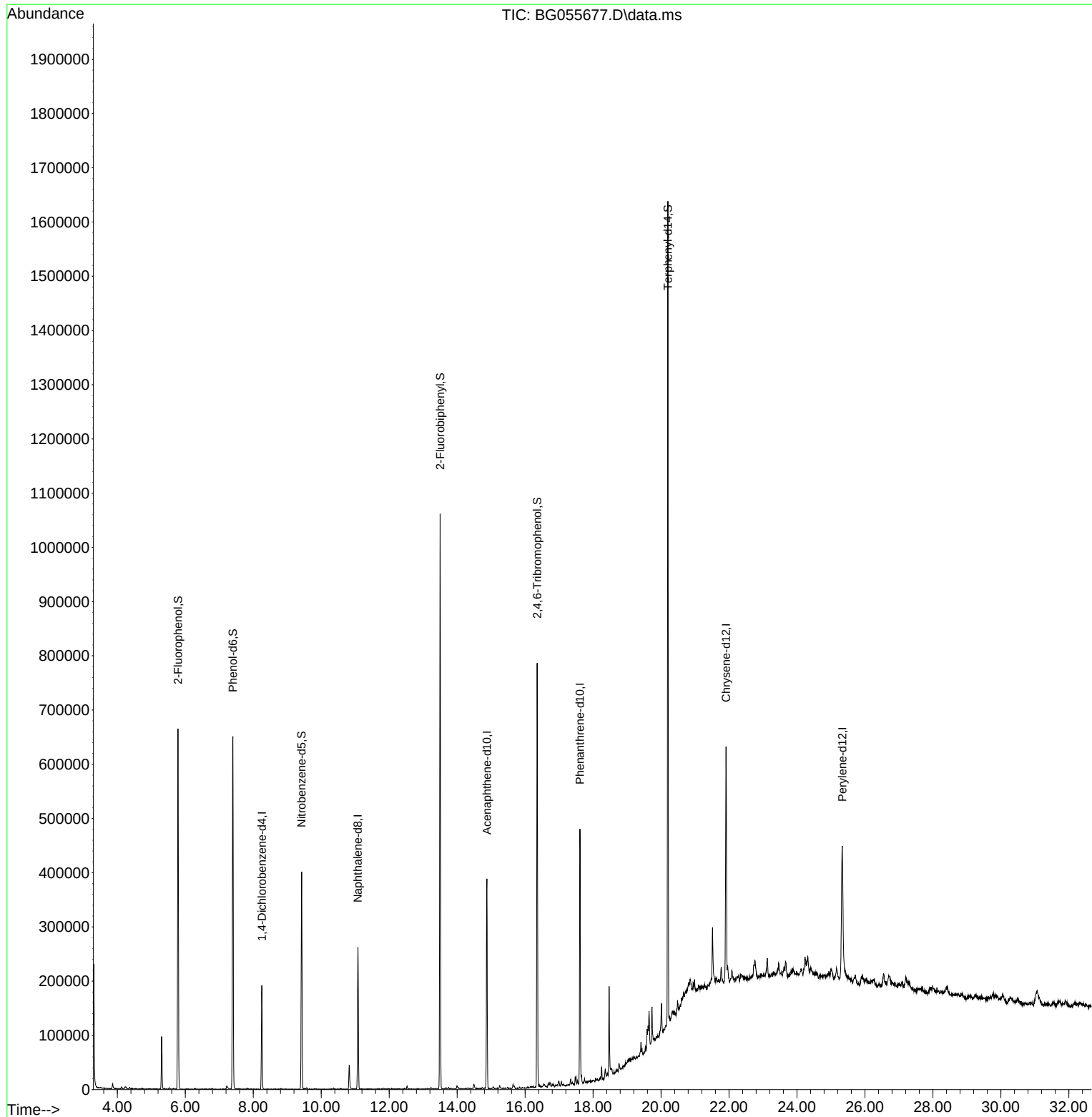
Target Compounds	Qvalue

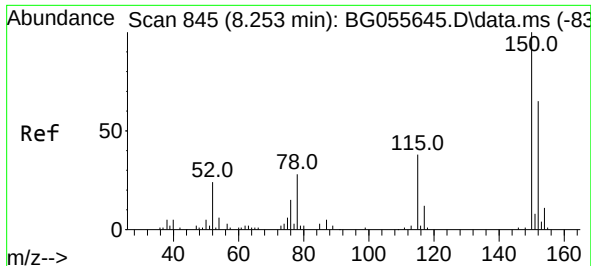
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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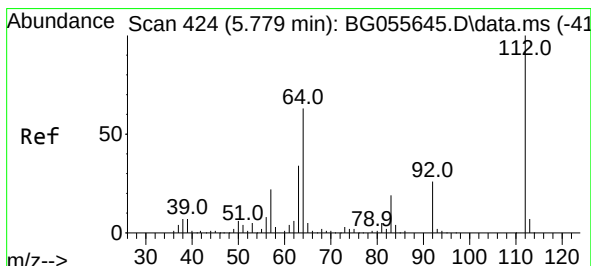
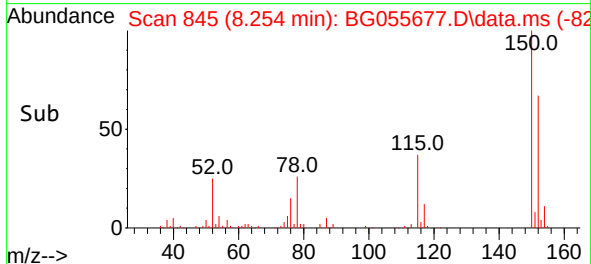
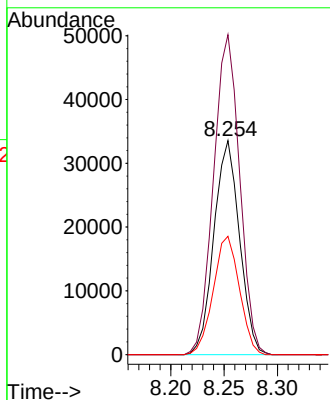
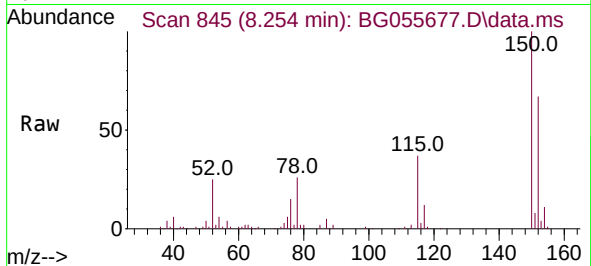




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.254 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

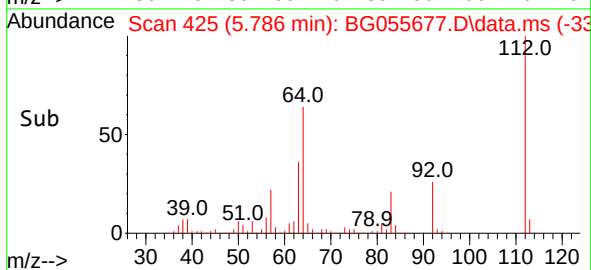
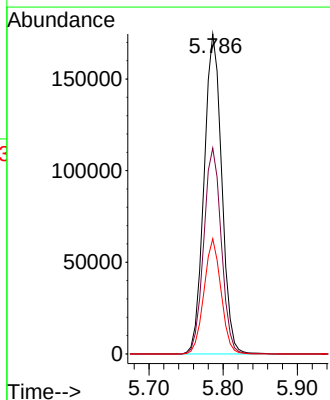
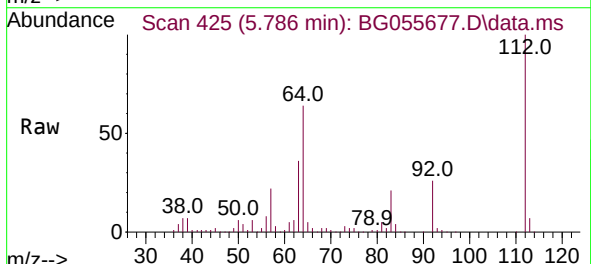
Instrument :
BNA_G
ClientSampleId :
SB-39

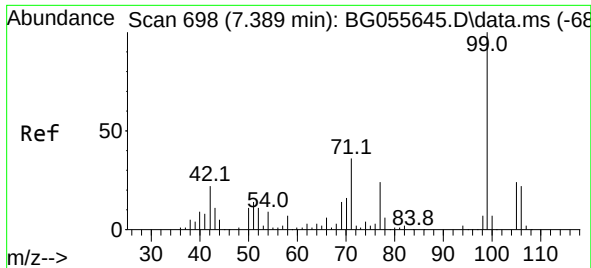
Tgt Ion:152 Resp: 56026
Ion Ratio Lower Upper
152 100
150 149.5 123.0 184.6
115 55.3 47.0 70.4



#5
2-Fluorophenol
Concen: 93.047 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.007 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

Tgt Ion:112 Resp: 288410
Ion Ratio Lower Upper
112 100
64 64.3 50.6 76.0
63 36.0 27.5 41.3

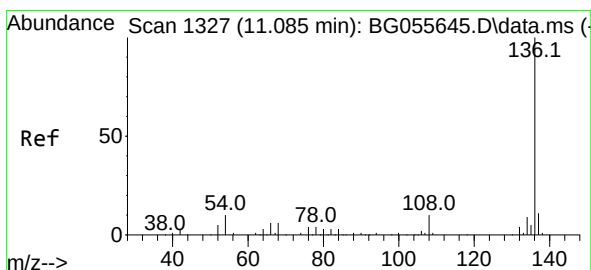
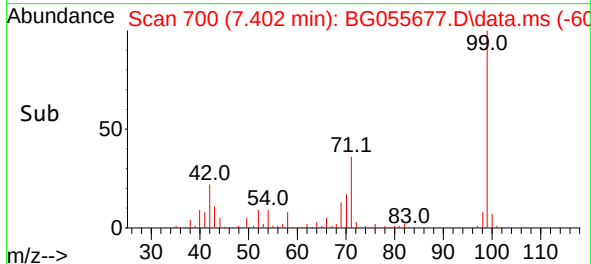
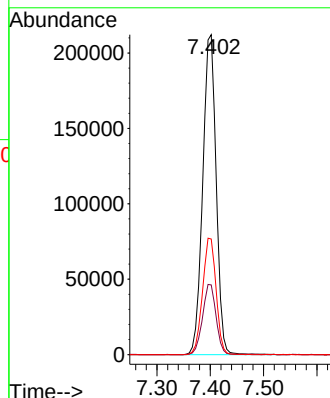
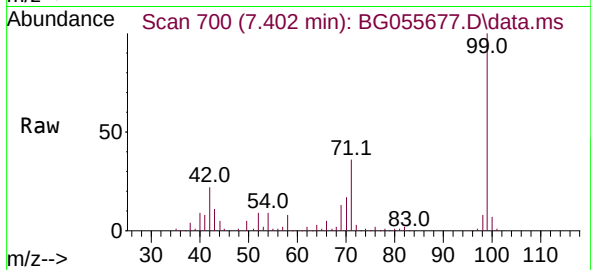




#7
Phenol-d6
Concen: 89.769 ng
RT: 7.402 min Scan# 70
Delta R.T. 0.013 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

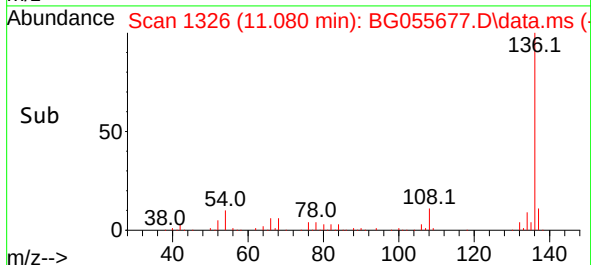
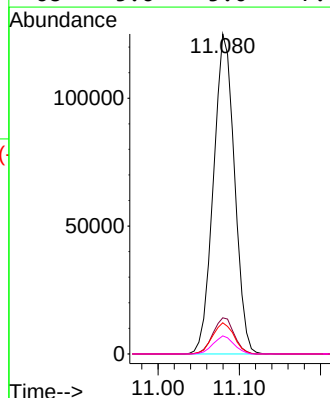
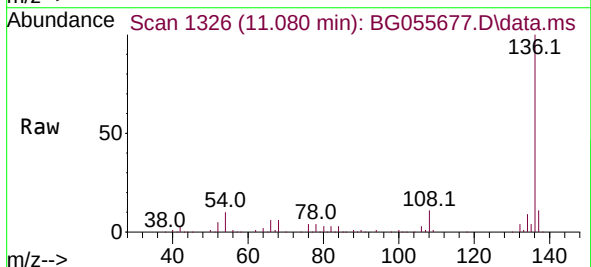
Instrument :
BNA_G
ClientSampleId :
SB-39

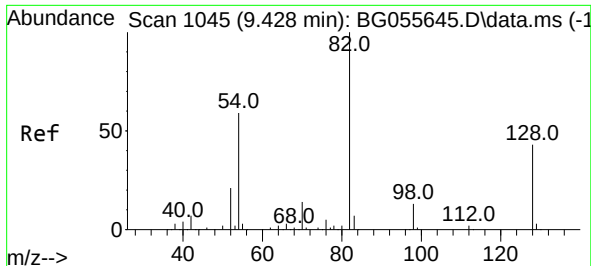
Tgt Ion: 99 Resp: 370393
Ion Ratio Lower Upper
99 100
42 21.8 18.0 27.0
71 36.1 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

Tgt Ion: 136 Resp: 225450
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.7 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 55.503 ng

RT: 9.423 min Scan# 1045

Delta R.T. -0.005 min

Lab File: BG055677.D

Acq: 17 Nov 2022 22:44

Instrument :

BNA_G

ClientSampleId :

SB-39

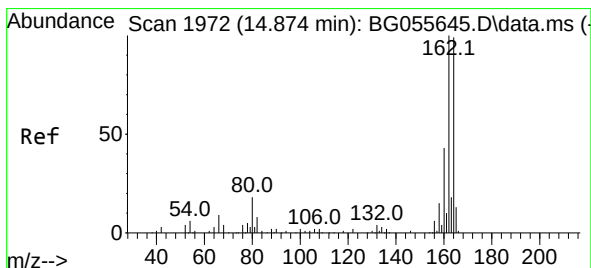
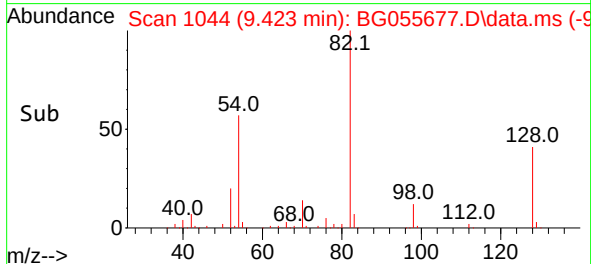
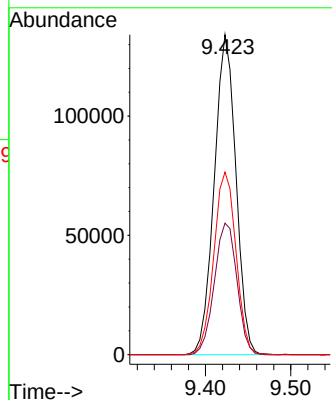
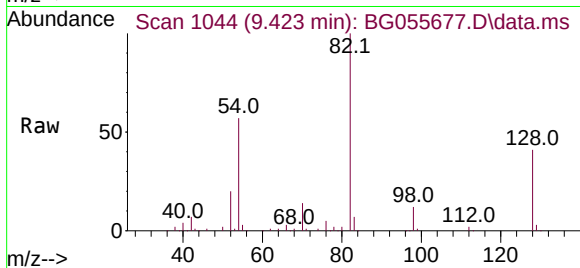
Tgt Ion: 82 Resp: 236745

Ion Ratio Lower Upper

82 100

128 41.1 34.1 51.1

54 57.0 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. 0.001 min

Lab File: BG055677.D

Acq: 17 Nov 2022 22:44

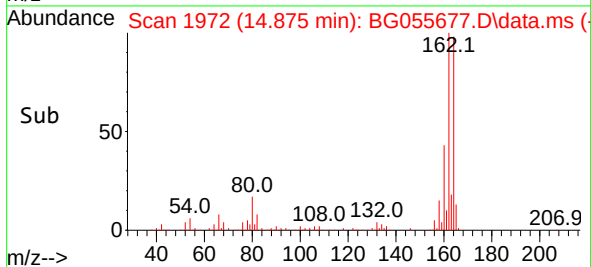
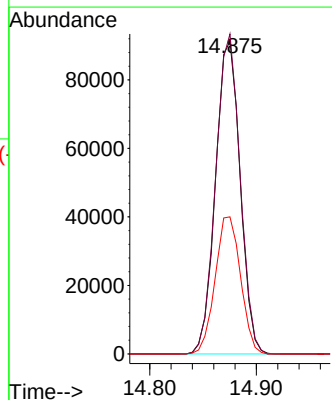
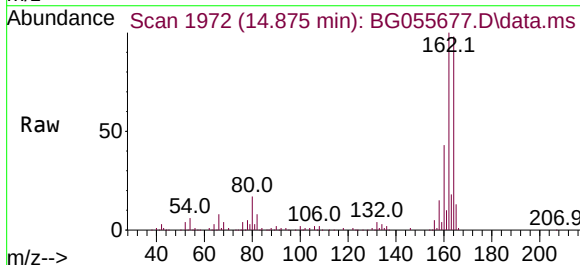
Tgt Ion:164 Resp: 146515

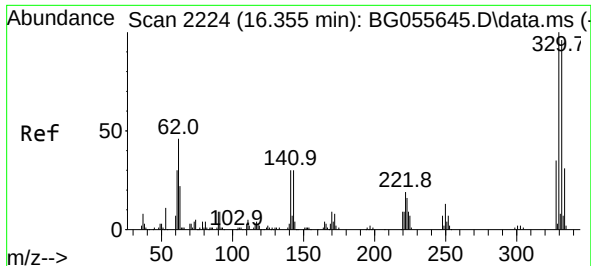
Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

160 43.8 34.8 52.2

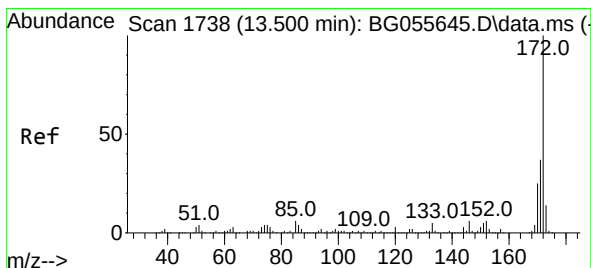
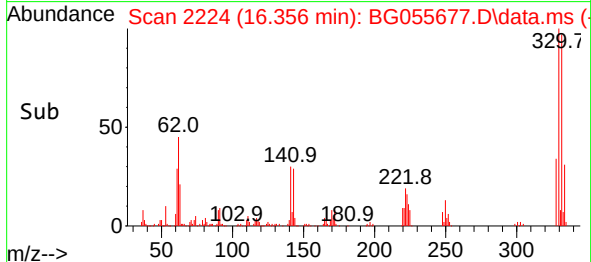
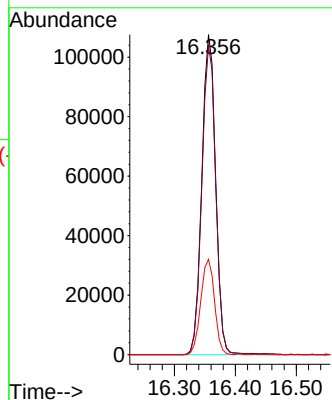
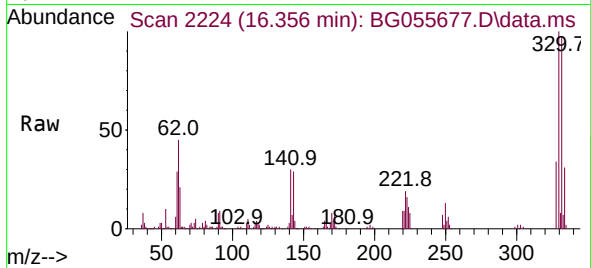




#42
2,4,6-Tribromophenol
Concen: 81.976 ng
RT: 16.356 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

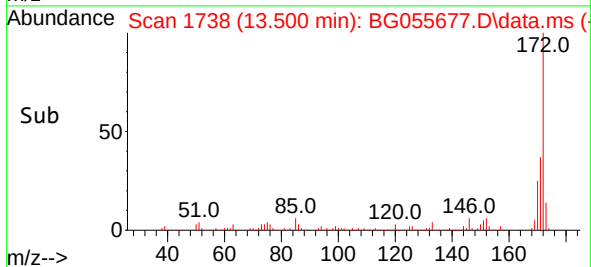
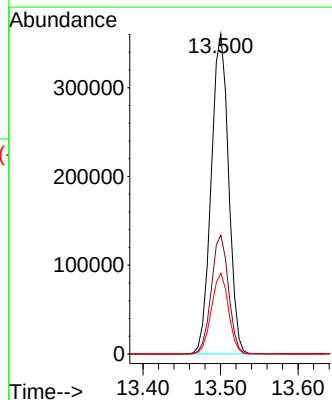
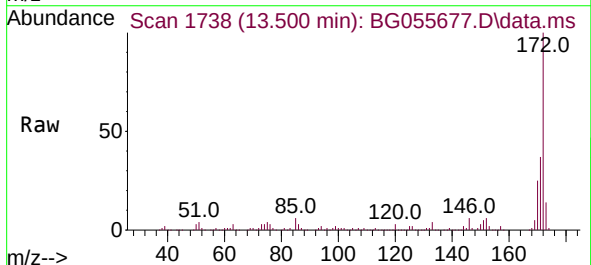
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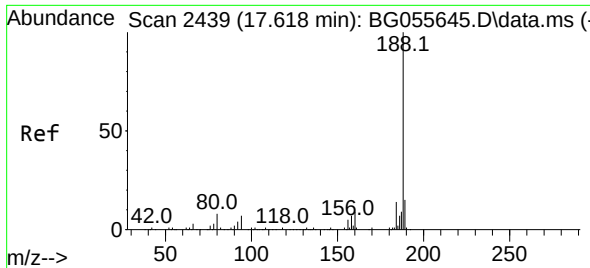
Tgt Ion:330 Resp: 169126
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 29.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 57.302 ng
RT: 13.500 min Scan# 1738
Delta R.T. 0.001 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

Tgt Ion:172 Resp: 560405
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.2 20.2 30.4

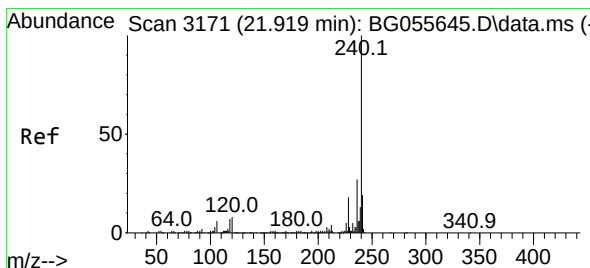
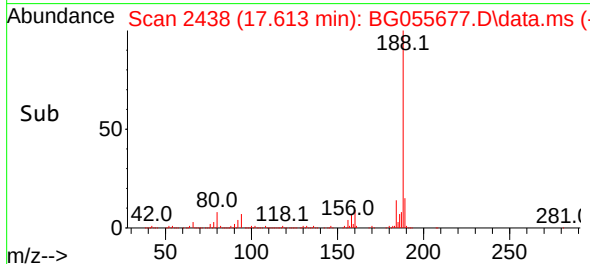
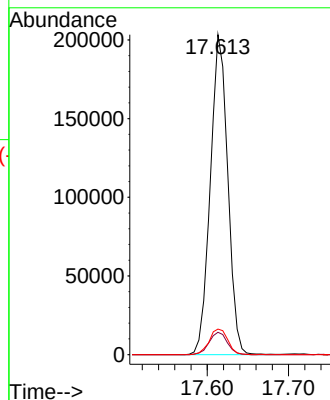
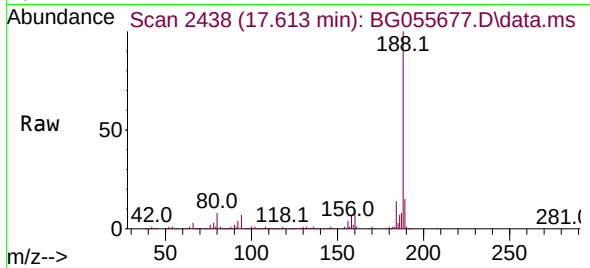




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

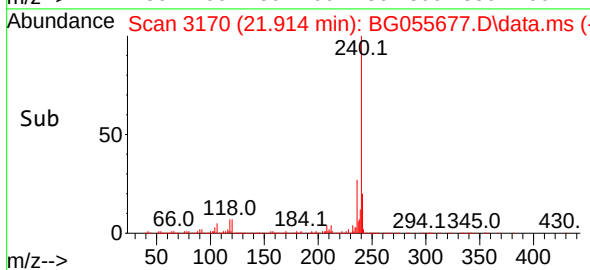
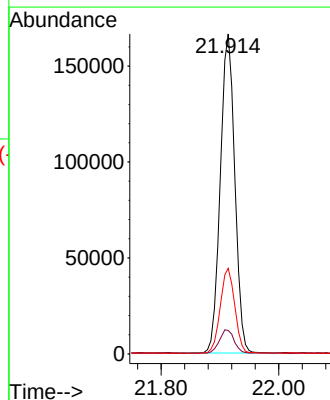
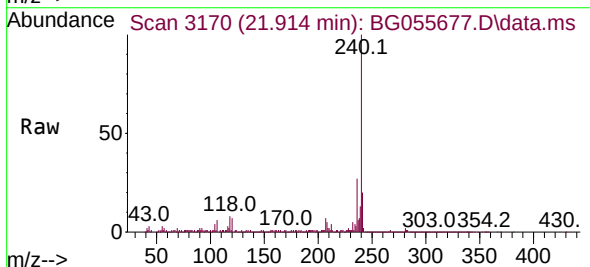
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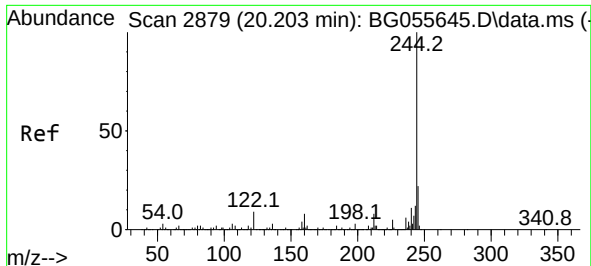
Tgt Ion:188 Resp: 303939
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3170
Delta R.T. -0.005 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

Tgt Ion:240 Resp: 284333
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 26.8 21.9 32.9

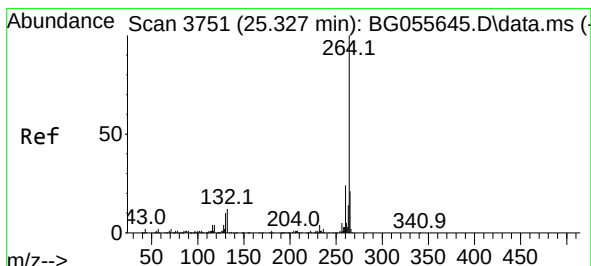
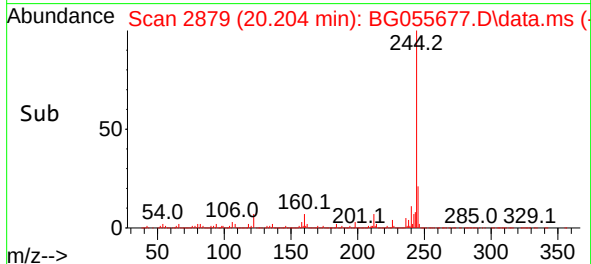
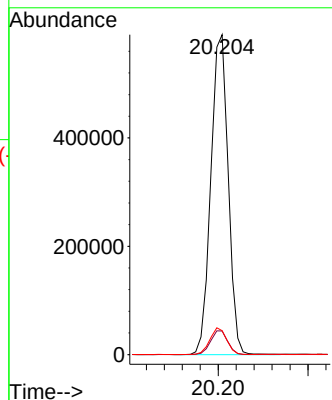
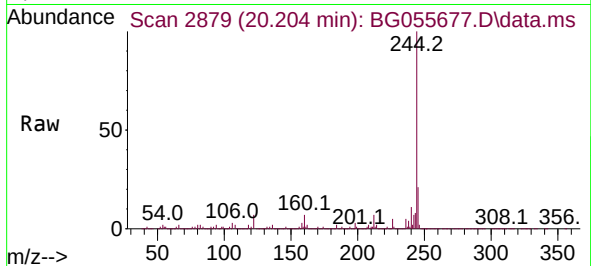




#79
 Terphenyl-d14
 Concen: 56.060 ng
 RT: 20.204 min Scan# 2879
 Delta R.T. 0.001 min
 Lab File: BG055677.D
 Acq: 17 Nov 2022 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-39

Tgt Ion:244 Resp: 796931
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 7.5 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.334 min Scan# 3752
 Delta R.T. 0.007 min
 Lab File: BG055677.D
 Acq: 17 Nov 2022 22:44

Tgt Ion:264 Resp: 297744
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.9 17.1 25.7

