

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057677.D
 Acq On : 8 Jun 2023 19:22
 Operator : CG/JU
 Sample : 03016-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-45(OW)

Quant Time: Jun 08 19:58:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 19:51:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.310	152	6404	20.000	ng	0.00
21) Naphthalene-d8	11.148	136	25053	20.000	ng	# 0.00
39) Acenaphthene-d10	14.932	164	17399	20.000	ng	0.00
64) Phenanthrene-d10	17.670	188	38527	20.000	ng	0.00
76) Chrysene-d12	21.965	240	34673	20.000	ng	0.00
86) Perylene-d12	25.431	264	41131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	14007	45.453	ng	0.00
7) Phenol-d6	7.464	99	12889	25.434	ng	0.00
23) Nitrobenzene-d5	9.491	82	46793	82.311	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	21437	83.893	ng	0.00
45) 2-Fluorobiphenyl	13.557	172	107840	83.180	ng	0.00
79) Terphenyl-d14	20.238	244	158761	68.305	ng	0.00

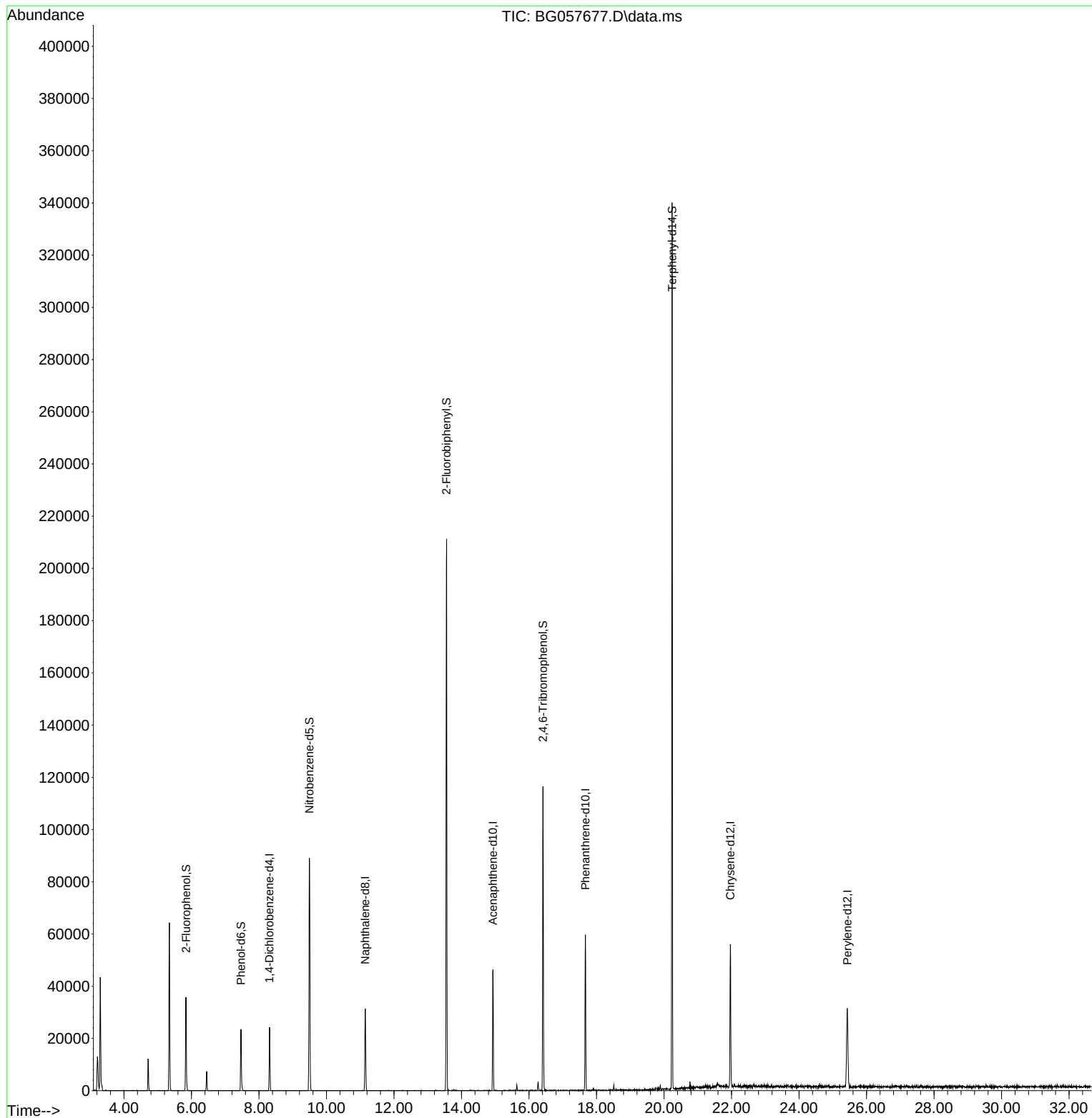
Target Compounds	Qvalue

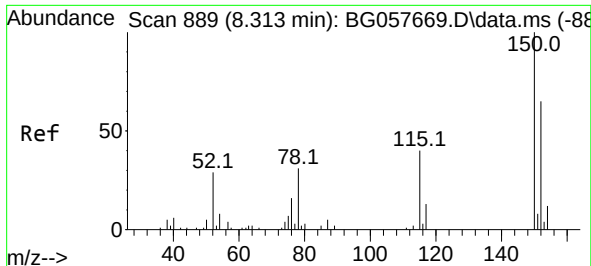
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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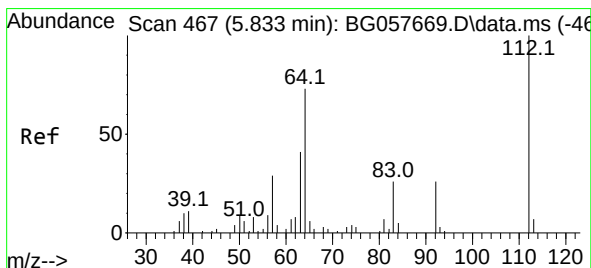
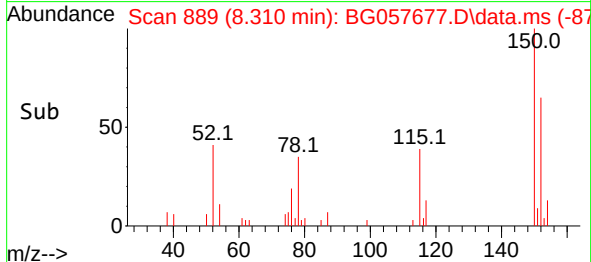
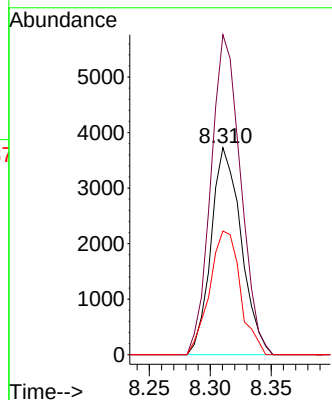
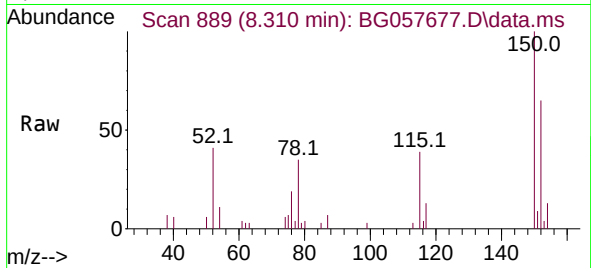




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.310 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057677.D
Acq: 8 Jun 2023 19:22

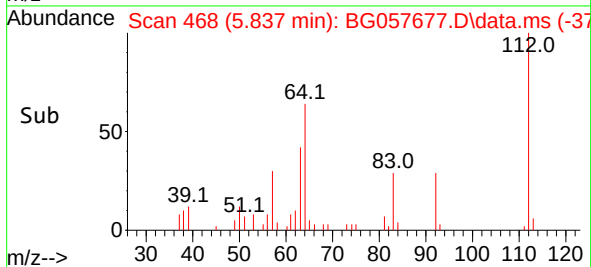
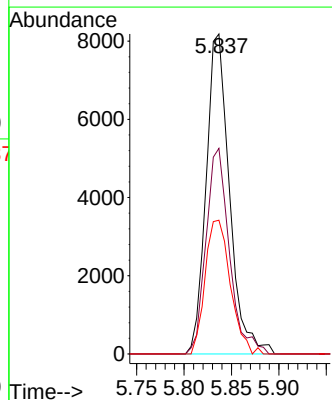
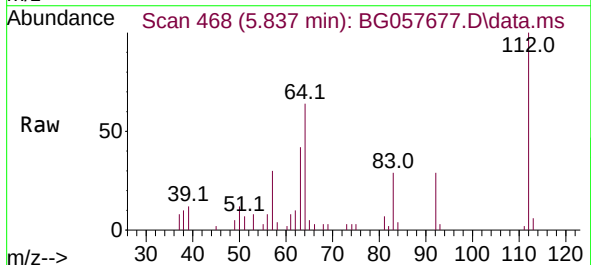
Instrument :
BNA_G
ClientSampleId :
B-45(OW)

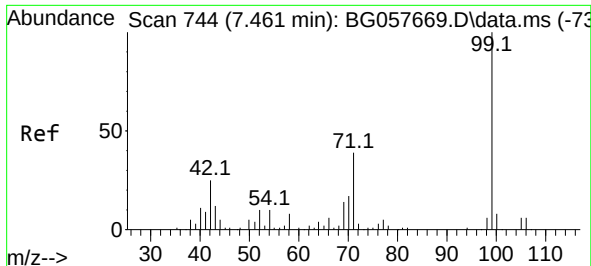
Tgt Ion:152 Resp: 6404
Ion Ratio Lower Upper
152 100
150 154.5 122.6 184.0
115 59.7 48.6 72.8



#5
2-Fluorophenol
Concen: 45.453 ng
RT: 5.837 min Scan# 468
Delta R.T. 0.004 min
Lab File: BG057677.D
Acq: 8 Jun 2023 19:22

Tgt Ion:112 Resp: 14007
Ion Ratio Lower Upper
112 100
64 64.3 58.6 88.0
63 41.8 32.5 48.7





#7

Phenol-d6

Concen: 25.434 ng

RT: 7.464 min Scan# 74

Delta R.T. 0.003 min

Lab File: BG057677.D

Acq: 8 Jun 2023 19:22

Instrument :

BNA_G

ClientSampleId :

B-45(OW)

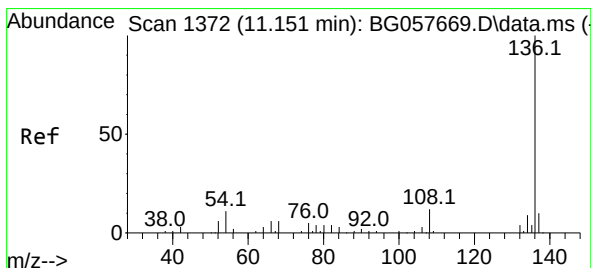
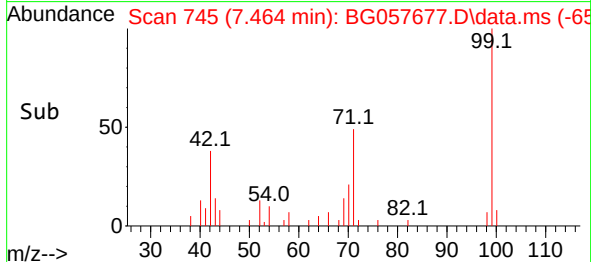
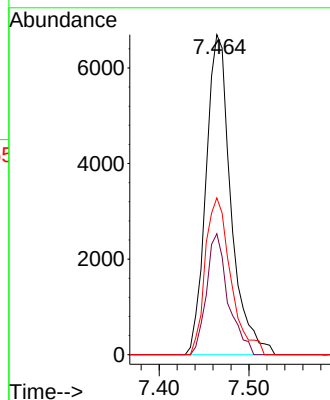
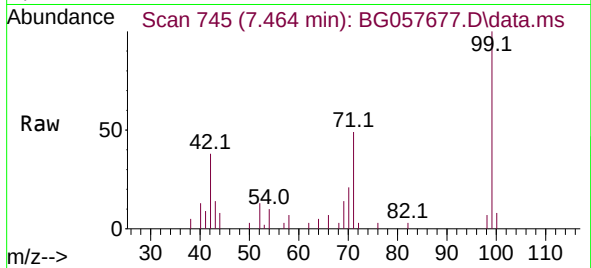
Tgt Ion: 99 Resp: 12889

Ion Ratio Lower Upper

99 100

42 37.8 19.7 29.5#

71 49.0 31.6 47.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.148 min Scan# 1372

Delta R.T. -0.002 min

Lab File: BG057677.D

Acq: 8 Jun 2023 19:22

Tgt Ion:136 Resp: 25053

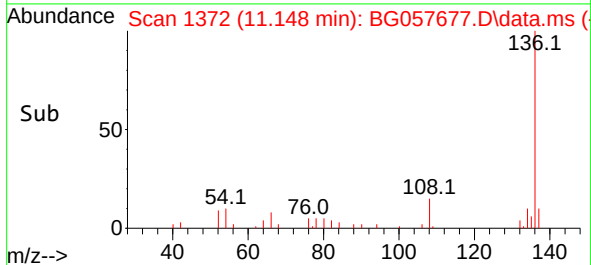
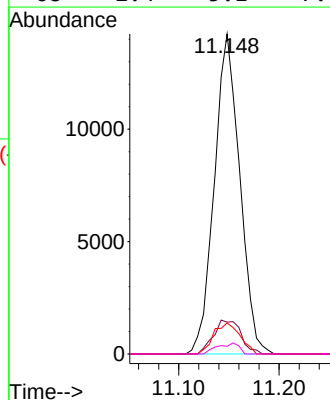
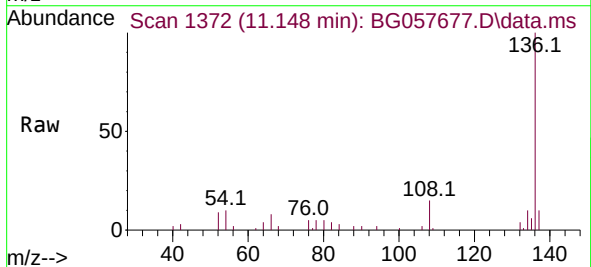
Ion Ratio Lower Upper

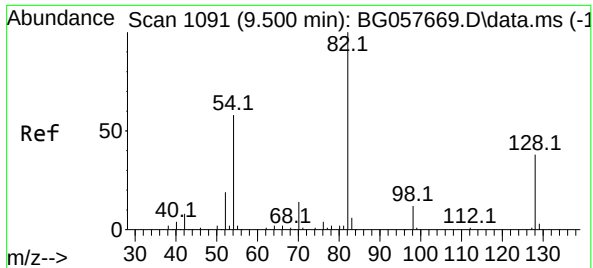
136 100

137 9.9 8.4 12.6

54 9.7 9.0 13.4

68 2.4 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 82.311 ng

RT: 9.491 min Scan# 1090

Delta R.T. -0.009 min

Lab File: BG057677.D

Acq: 8 Jun 2023 19:22

Instrument :

BNA_G

ClientSampleId :

B-45(OW)

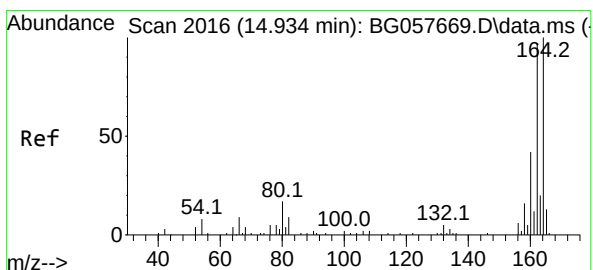
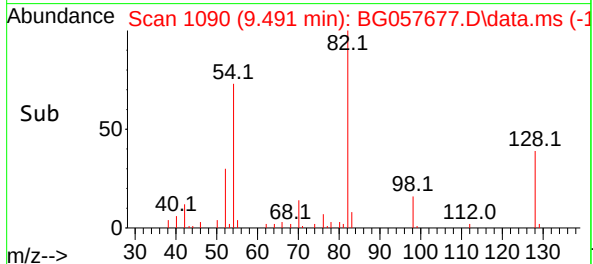
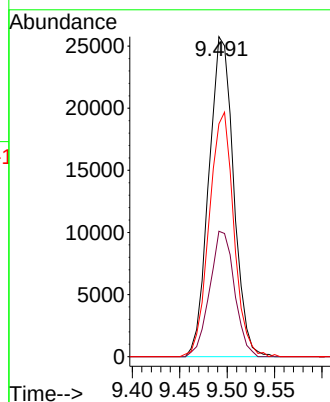
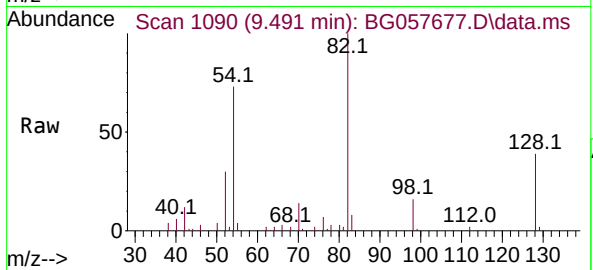
Tgt Ion: 82 Resp: 46793

Ion Ratio Lower Upper

82 100

128 39.2 30.6 45.8

54 72.7 46.6 69.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.932 min Scan# 2016

Delta R.T. -0.002 min

Lab File: BG057677.D

Acq: 8 Jun 2023 19:22

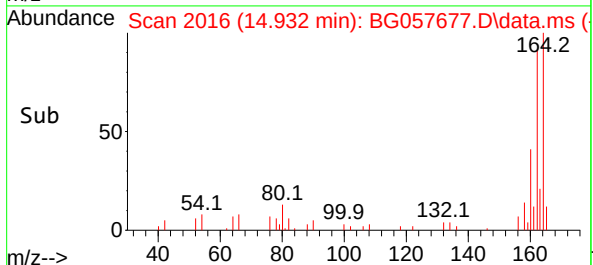
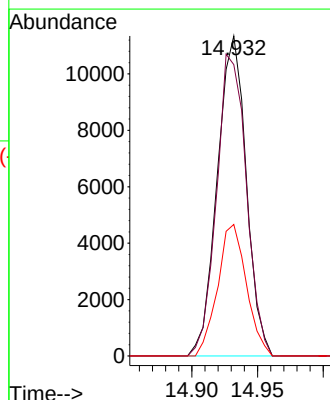
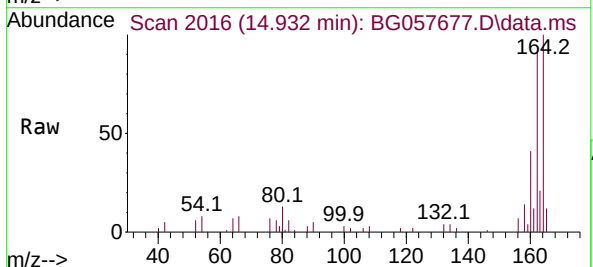
Tgt Ion:164 Resp: 17399

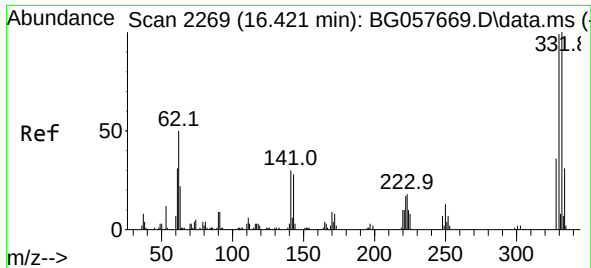
Ion Ratio Lower Upper

164 100

162 91.1 77.8 116.6

160 41.1 33.7 50.5

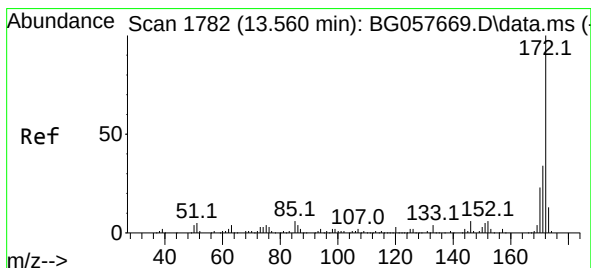
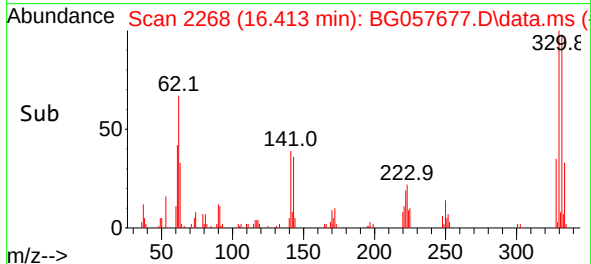
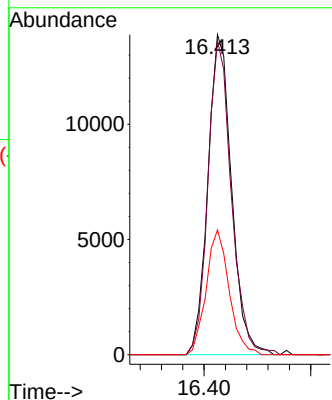
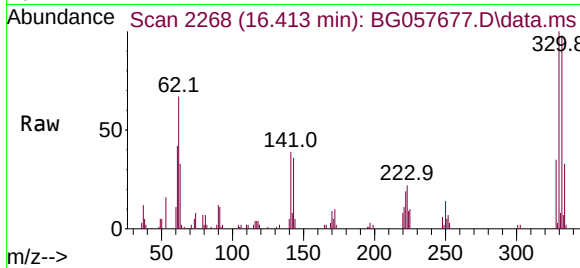




#42
2,4,6-Tribromophenol
Concen: 83.893 ng
RT: 16.413 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057677.D
Acq: 8 Jun 2023 19:22

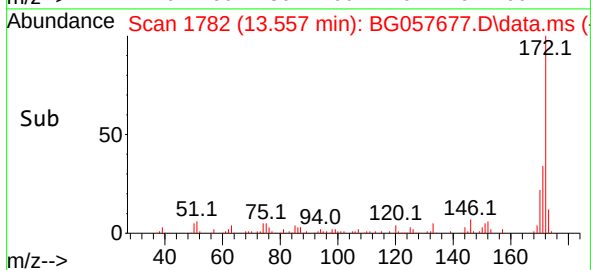
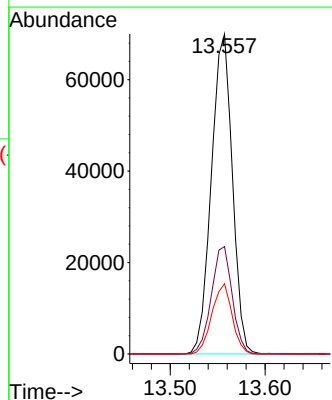
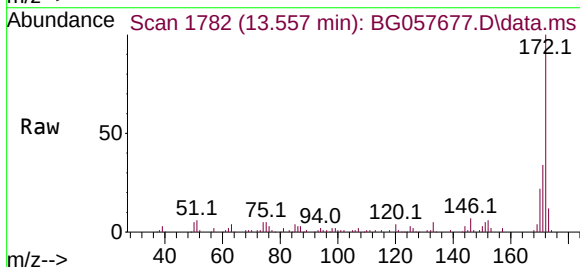
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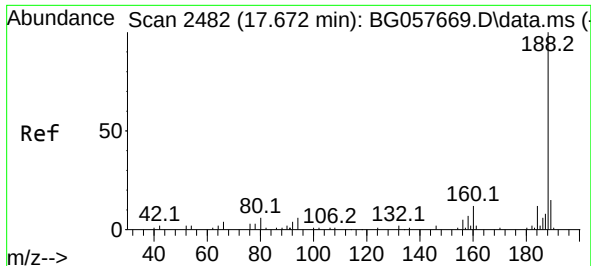
Tgt Ion:330 Resp: 21437
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 37.8 24.6 36.8#



#45
2-Fluorobiphenyl
Concen: 83.180 ng
RT: 13.557 min Scan# 1782
Delta R.T. -0.002 min
Lab File: BG057677.D
Acq: 8 Jun 2023 19:22

Tgt Ion:172 Resp: 107840
Ion Ratio Lower Upper
172 100
171 33.5 27.6 41.4
170 22.0 18.7 28.1

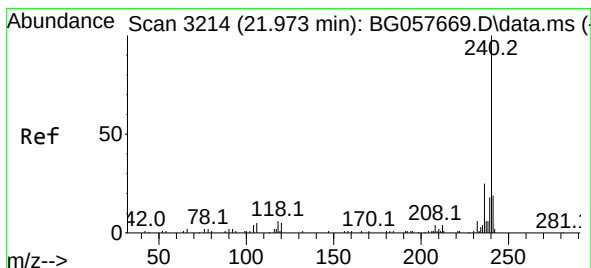
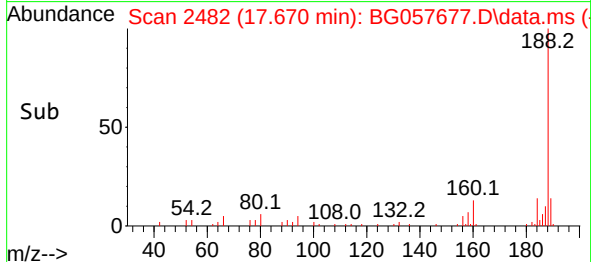
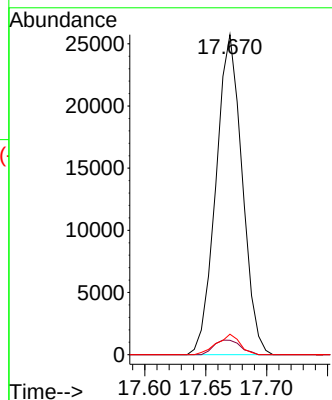
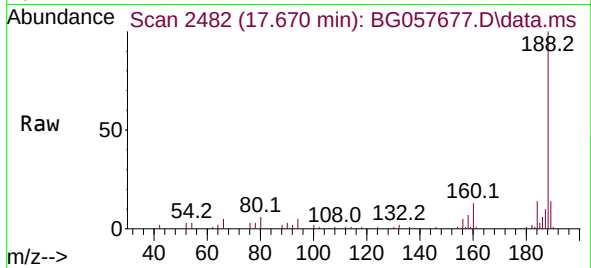




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.670 min Scan# 2482
Delta R.T. -0.002 min
Lab File: BG057677.D
Acq: 8 Jun 2023 19:22

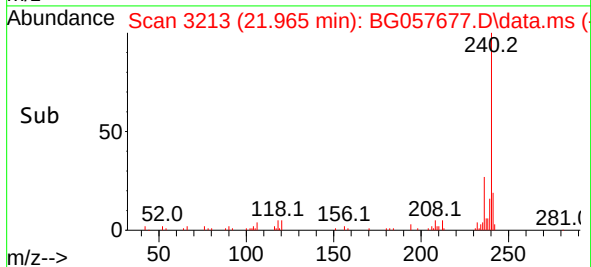
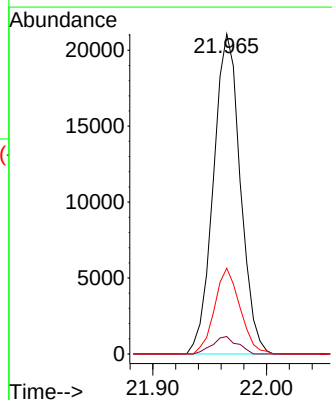
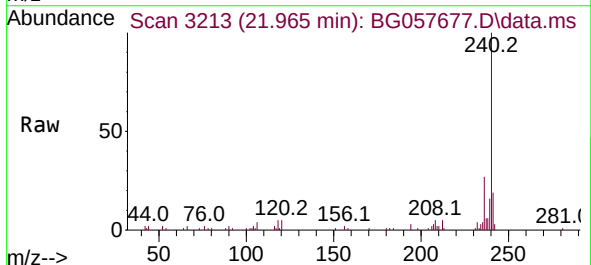
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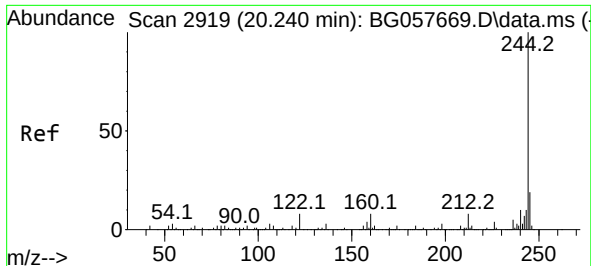
Tgt Ion:188 Resp: 38527
Ion Ratio Lower Upper
188 100
94 4.5 4.5 6.7
80 6.4 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.965 min Scan# 3213
Delta R.T. -0.008 min
Lab File: BG057677.D
Acq: 8 Jun 2023 19:22

Tgt Ion:240 Resp: 34673
Ion Ratio Lower Upper
240 100
120 5.5 4.1 6.1
236 26.8 19.6 29.4

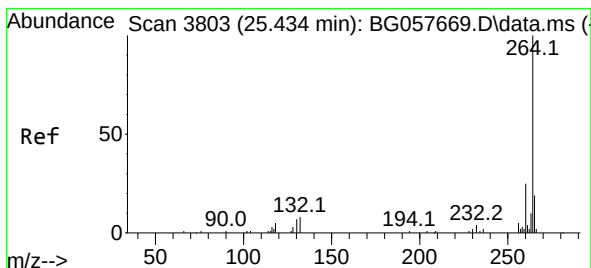
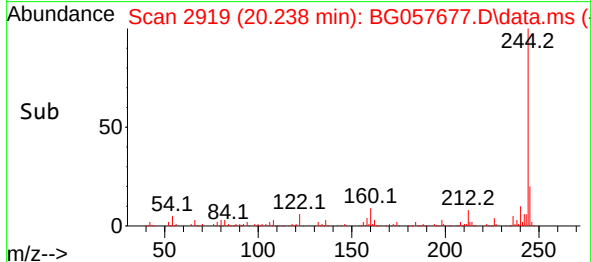
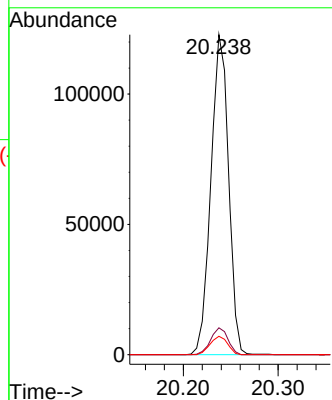
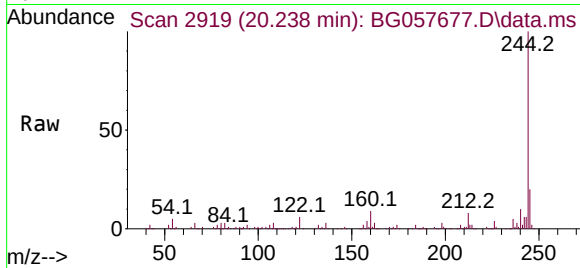




#79
 Terphenyl-d14
 Concen: 68.305 ng
 RT: 20.238 min Scan# 2919
 Delta R.T. -0.002 min
 Lab File: BG057677.D
 Acq: 8 Jun 2023 19:22

Instrument :
 BNA_G
 ClientSampleId :
 B-45(OW)

Tgt Ion:244 Resp: 158761
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 5.7 6.1 9.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.431 min Scan# 3803
 Delta R.T. -0.002 min
 Lab File: BG057677.D
 Acq: 8 Jun 2023 19:22

Tgt Ion:264 Resp: 41131
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.8
 265 20.7 14.9 22.3

