

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059699.D
 Acq On : 15 Nov 2023 14:24
 Operator : MA/JU
 Sample : 05311-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Nov 15 14:58:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	37250	20.000	ng	# 0.00
21) Naphthalene-d8	11.190	136	167311	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	117651	20.000	ng	0.00
64) Phenanthrene-d10	17.729	188	293335	20.000	ng	# 0.00
76) Chrysene-d12	22.060	240	277235	20.000	ng	# 0.00
86) Perylene-d12	25.655	264	302946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	329246	152.595	ng	0.00
7) Phenol-d6	7.465	99	415033	127.283	ng	0.00
23) Nitrobenzene-d5	9.545	82	426496	109.585	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	240658	181.251	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	830673	95.191	ng	0.00
79) Terphenyl-d14	20.303	244	1931113	143.715	ng	0.00

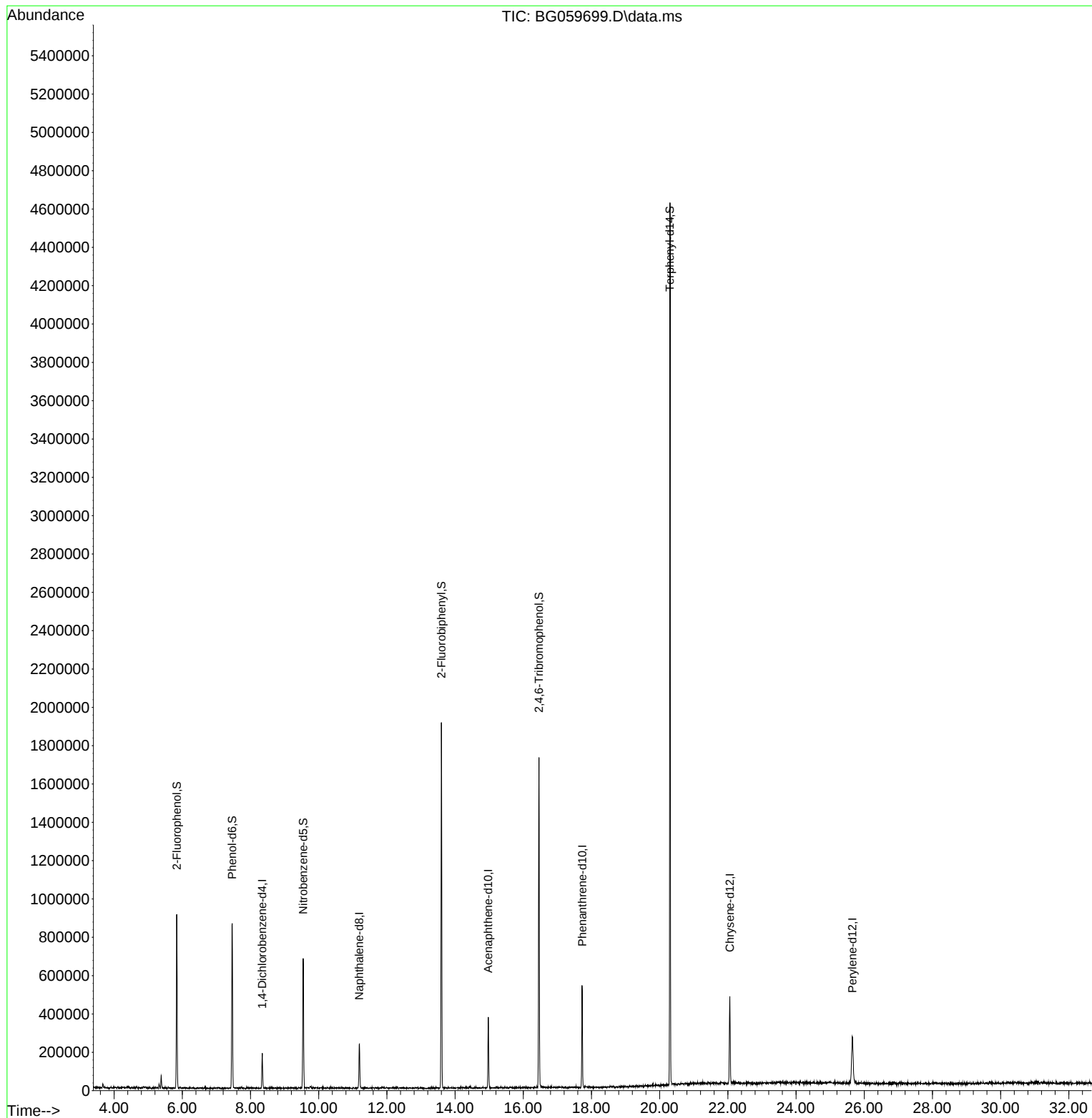
Target Compounds	Qvalue

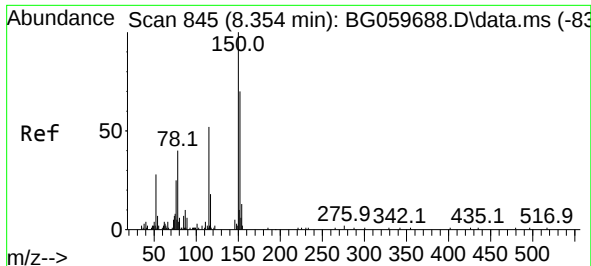
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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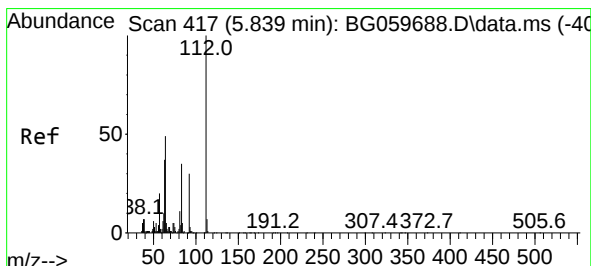
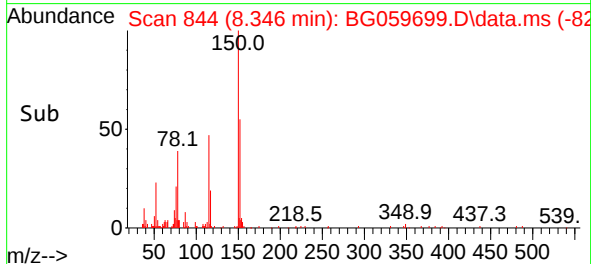
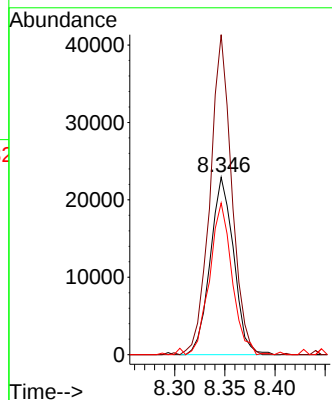
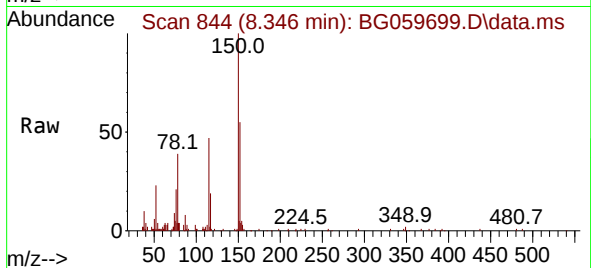




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.346 min Scan# 845
Delta R.T. -0.008 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

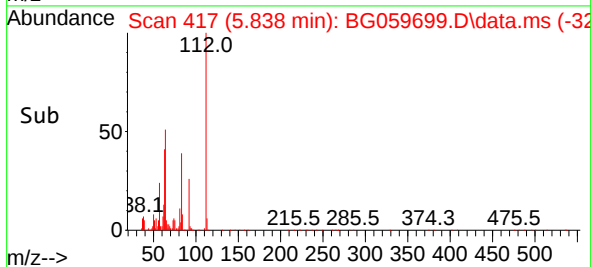
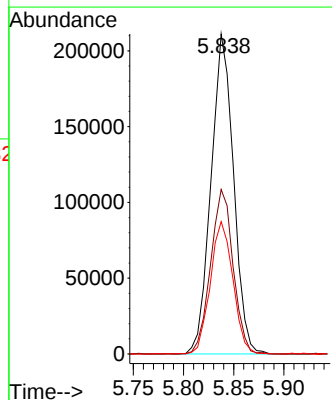
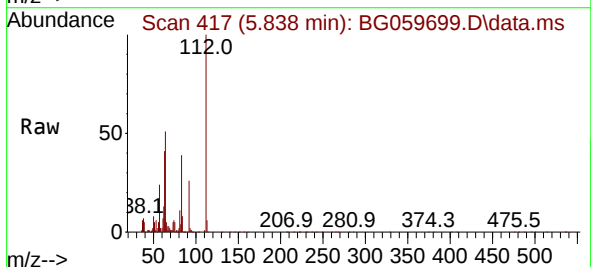
Instrument :
BNA_G
ClientSampleId :
TP-4

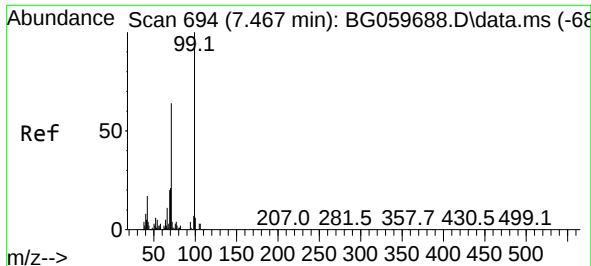
Tgt Ion:152 Resp: 37250
Ion Ratio Lower Upper
152 100
150 180.3 113.9 170.9#
115 85.5 59.4 89.2



#5
2-Fluorophenol
Concen: 152.595 ng
RT: 5.838 min Scan# 417
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion:112 Resp: 329246
Ion Ratio Lower Upper
112 100
64 51.4 39.0 58.6
63 41.4 29.8 44.6

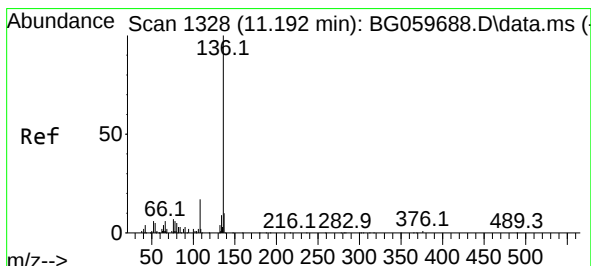
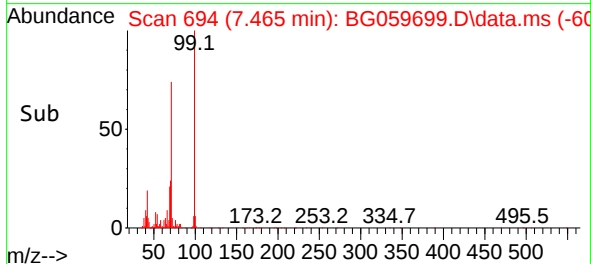
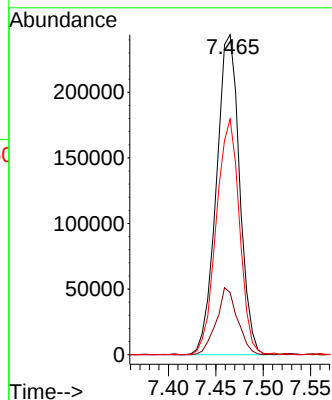
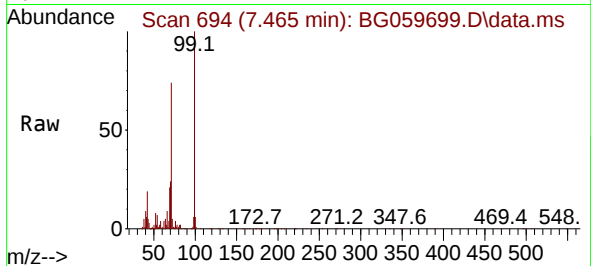




#7
Phenol-d6
Concen: 127.283 ng
RT: 7.465 min Scan# 694
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

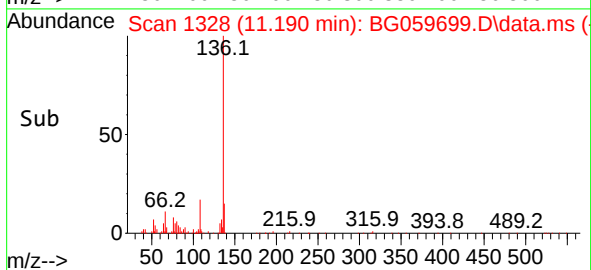
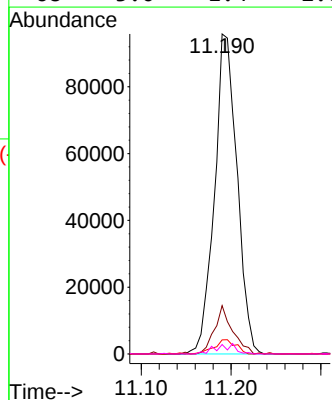
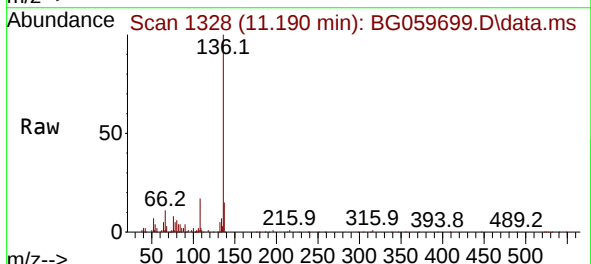
Instrument :
BNA_G
ClientSampleId :
TP-4

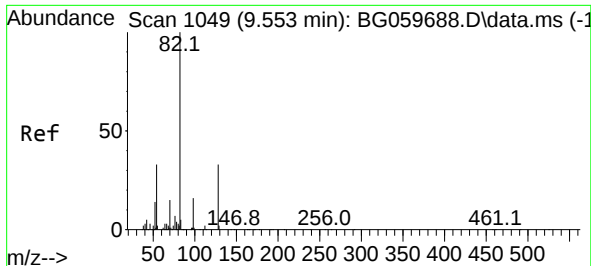
Tgt Ion: 99 Resp: 415033
Ion Ratio Lower Upper
99 100
42 19.4 13.2 19.8
71 73.7 51.3 76.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 1328
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion: 136 Resp: 167311
Ion Ratio Lower Upper
136 100
137 15.1 7.7 11.5#
54 4.4 4.2 6.2
68 3.0 1.4 2.0#





#23

Nitrobenzene-d5

Concen: 109.585 ng

RT: 9.545 min Scan# 1048

Delta R.T. -0.008 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

Instrument :

BNA_G

ClientSampleId :

TP-4

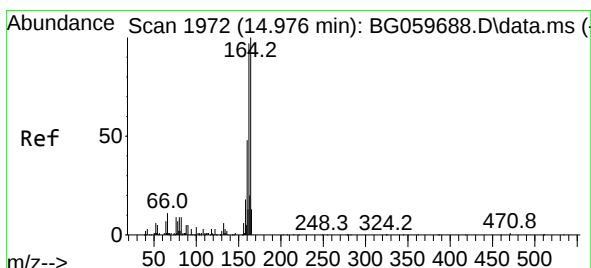
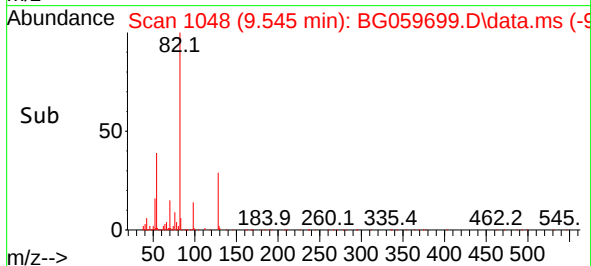
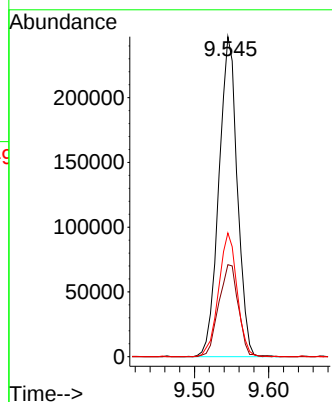
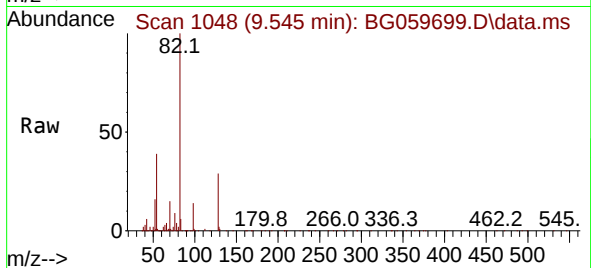
Tgt Ion: 82 Resp: 426496

Ion Ratio Lower Upper

82 100

128 28.7 26.3 39.5

54 38.7 26.6 39.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.974 min Scan# 1972

Delta R.T. -0.002 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

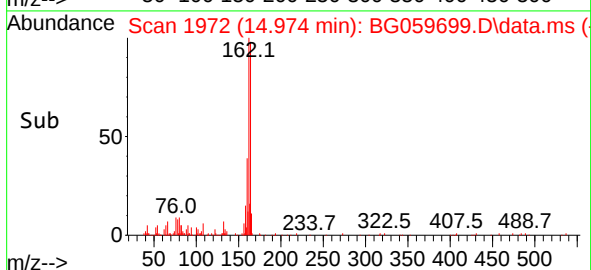
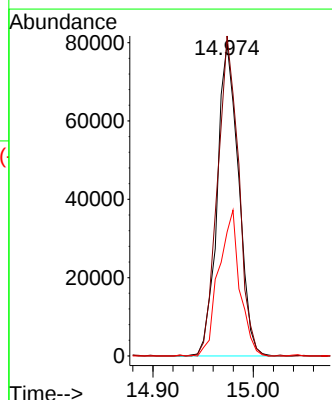
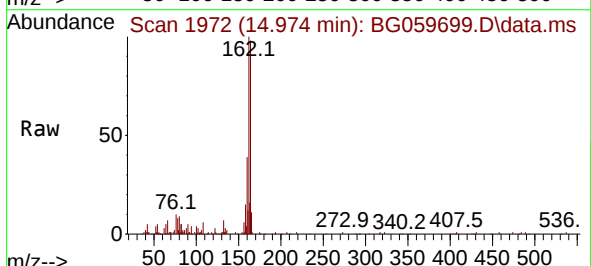
Tgt Ion:164 Resp: 117651

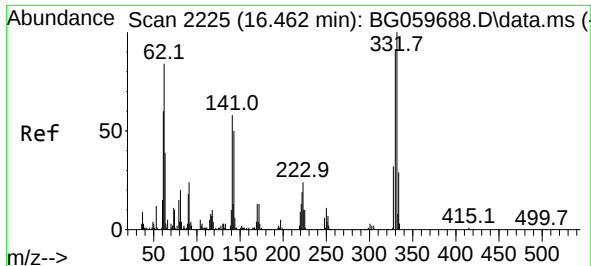
Ion Ratio Lower Upper

164 100

162 102.5 77.8 116.6

160 39.7 38.0 57.0

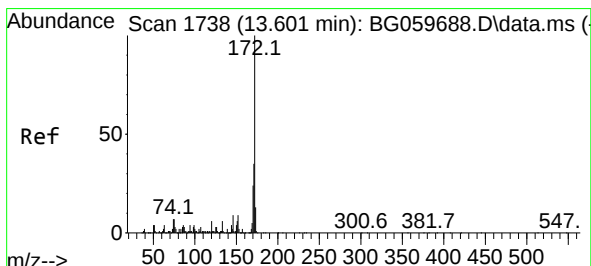
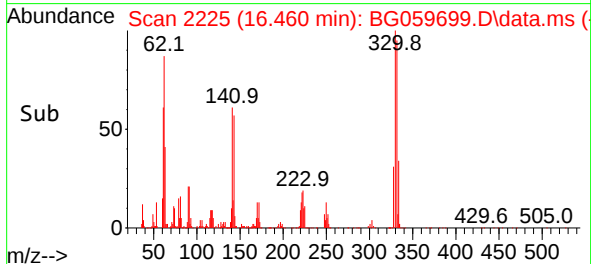
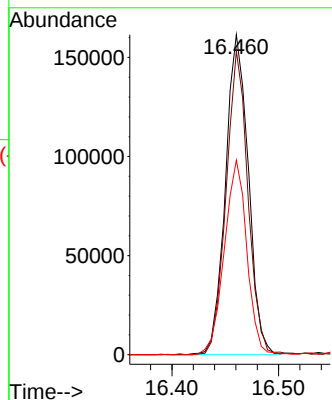
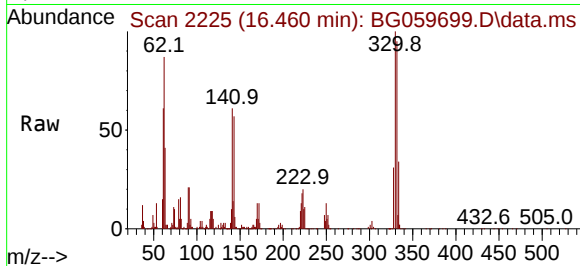




#42
2,4,6-Tribromophenol
Concen: 181.251 ng
RT: 16.460 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

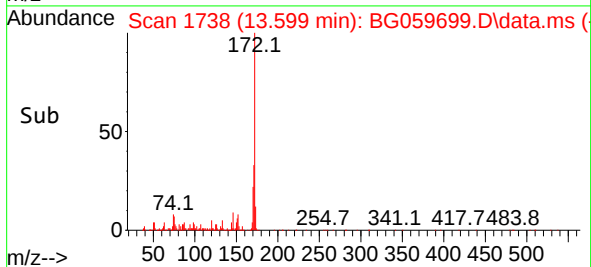
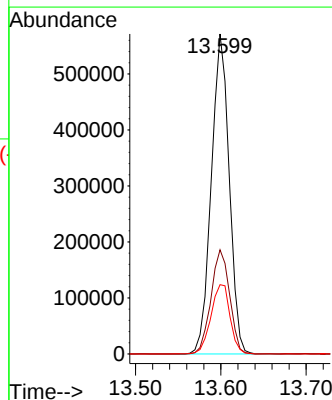
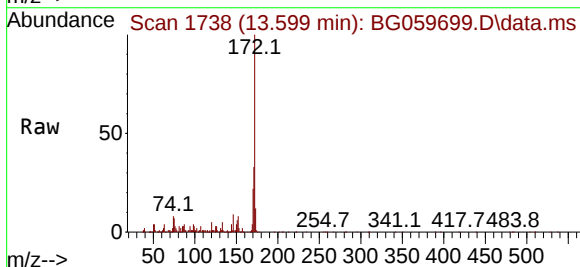
Instrument :
BNA_G
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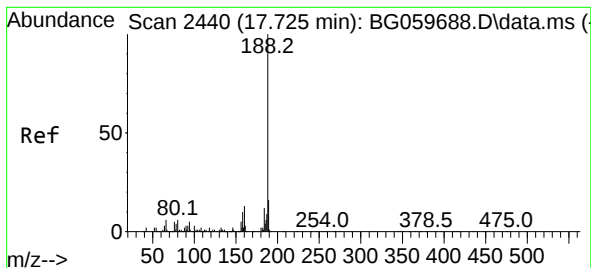
Tgt Ion:330 Resp: 240658
Ion Ratio Lower Upper
330 100
332 90.7 80.7 121.1
141 59.8 51.0 76.6



#45
2-Fluorobiphenyl
Concen: 95.191 ng
RT: 13.599 min Scan# 1738
Delta R.T. -0.002 min
Lab File: BG059699.D
Acq: 15 Nov 2023 14:24

Tgt Ion:172 Resp: 830673
Ion Ratio Lower Upper
172 100
171 32.6 27.9 41.9
170 21.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.729 min Scan# 2440

Delta R.T. 0.004 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

Instrument :

BNA_G

ClientSampleId :

TP-4

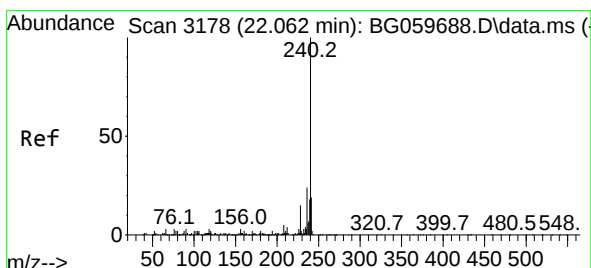
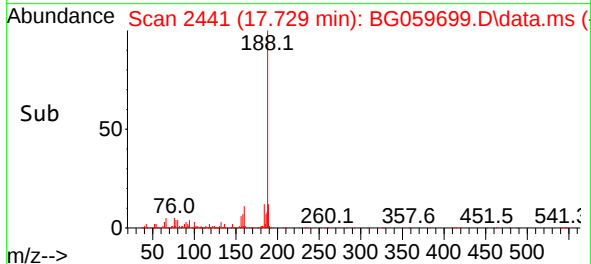
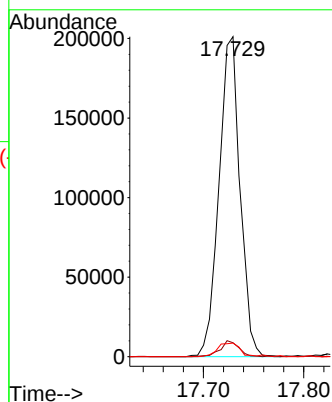
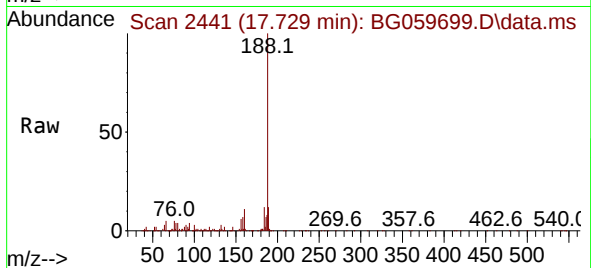
Tgt Ion:188 Resp: 293335

Ion Ratio Lower Upper

188 100

94 4.3 3.9 5.9

80 4.2 4.5 6.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.060 min Scan# 3178

Delta R.T. -0.002 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

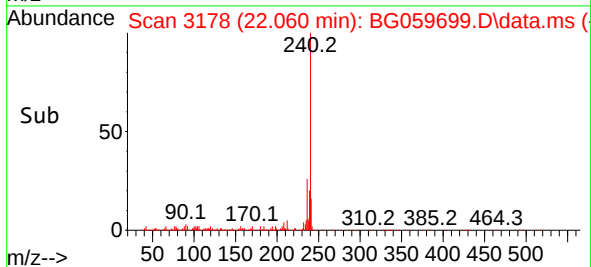
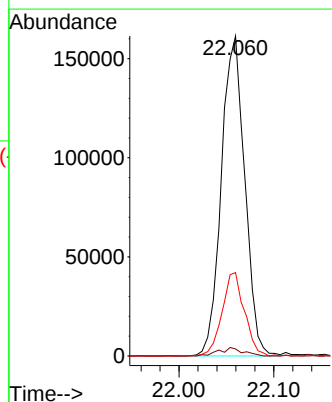
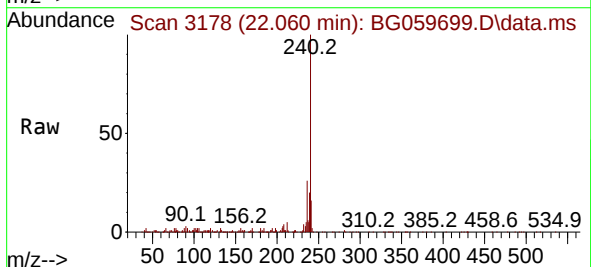
Tgt Ion:240 Resp: 277235

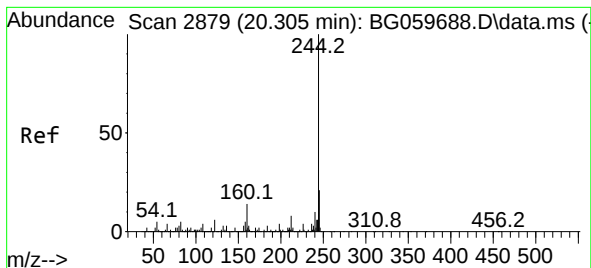
Ion Ratio Lower Upper

240 100

120 2.2 2.6 3.8#

236 26.0 19.4 29.0





#79

Terphenyl-d14

Concen: 143.715 ng

RT: 20.303 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

Instrument :

BNA_G

ClientSampleId :

TP-4

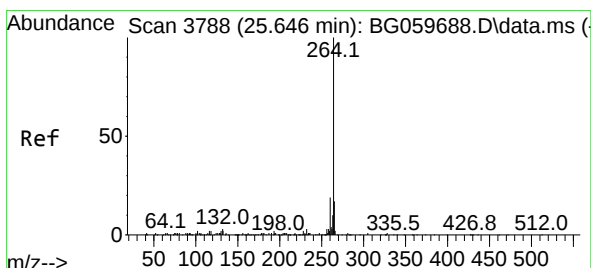
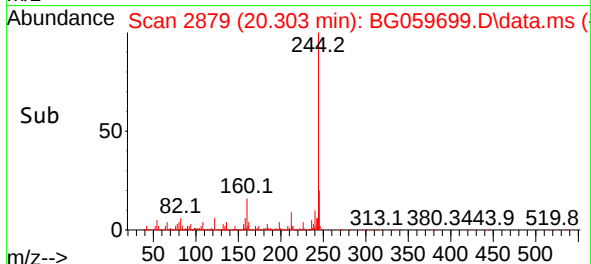
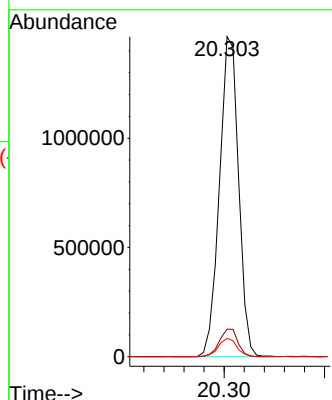
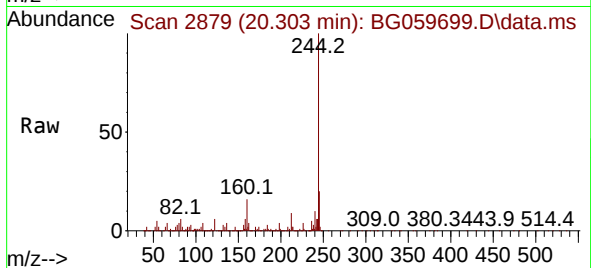
Tgt Ion:244 Resp: 1931113

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

122 5.7 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.655 min Scan# 3790

Delta R.T. 0.010 min

Lab File: BG059699.D

Acq: 15 Nov 2023 14:24

Tgt Ion:264 Resp: 302946

Ion Ratio Lower Upper

264 100

260 20.0 15.6 23.4

265 19.7 13.4 20.2

