

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
 Data File : BG059693.D
 Acq On : 14 Nov 2023 22:45
 Operator : MA/JU
 Sample : PB157131BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157131BL

Quant Time: Nov 15 08:17:10 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	8.347	152	30368	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	126393	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	87094	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	210913	20.000	ng	0.00
76) Chrysene-d12	22.055	240	197002	20.000	ng	# 0.00
86) Perylene-d12	25.651	264	333968	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	274462	156.031	ng	0.00
7) Phenol-d6	7.466	99	386587	145.427	ng	0.00
23) Nitrobenzene-d5	9.546	82	318287	108.257	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	170712	173.681	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	662835	102.607	ng	0.00
79) Terphenyl-d14	20.304	244	1447060	151.551	ng	0.00

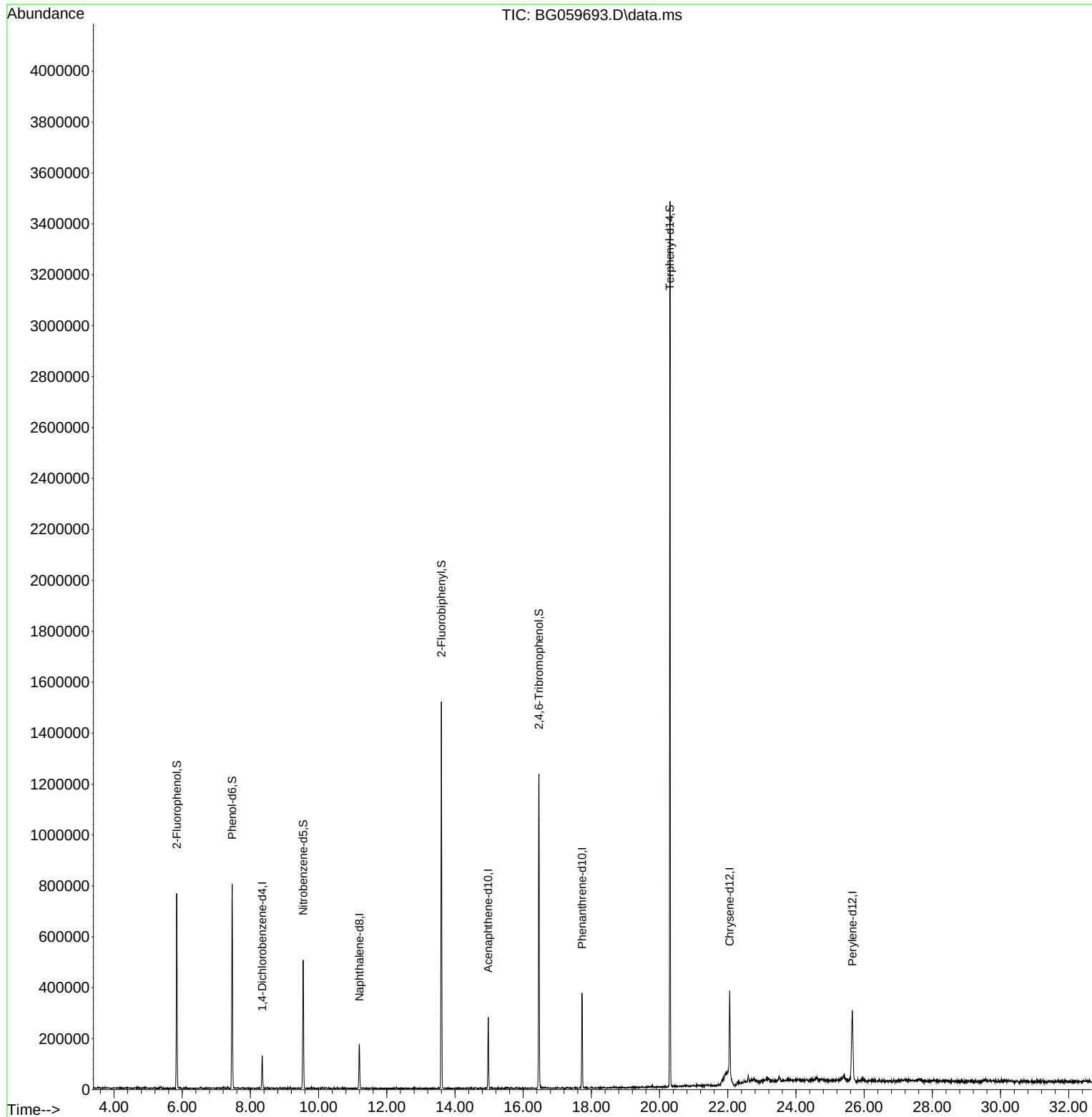
Target Compounds	Qvalue

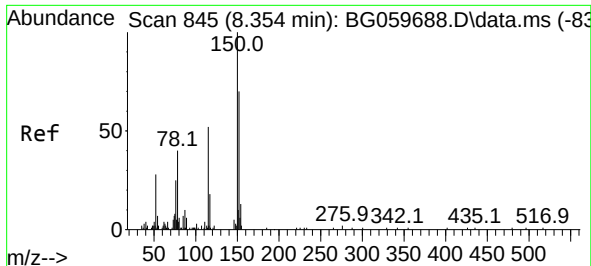
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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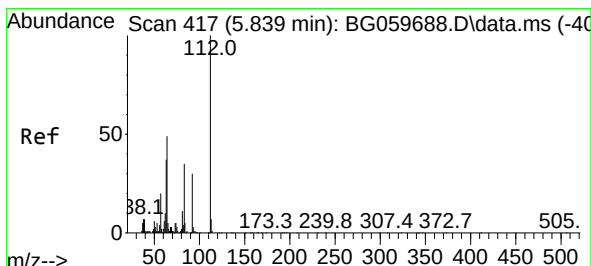
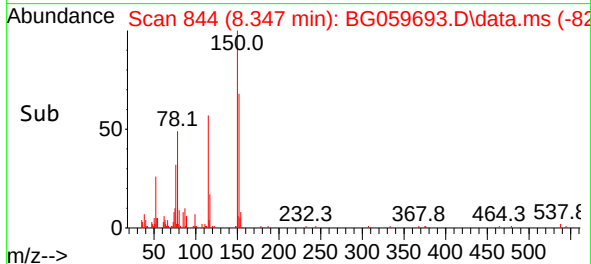
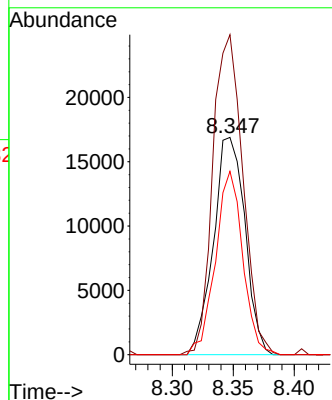
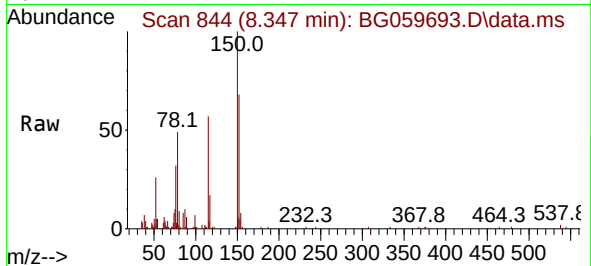




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 845
Delta R.T. -0.007 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

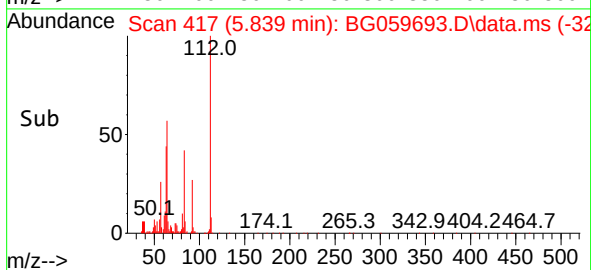
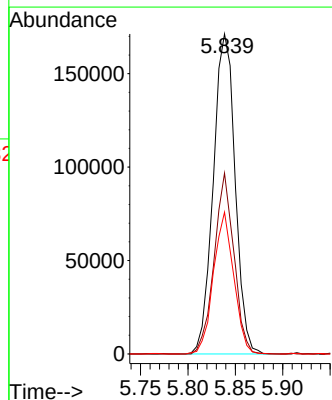
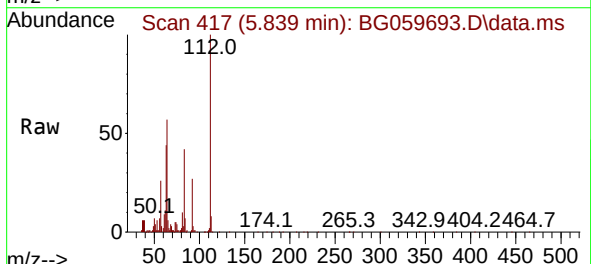
Instrument :
BNA_G
ClientSampleId :
PB157131BL

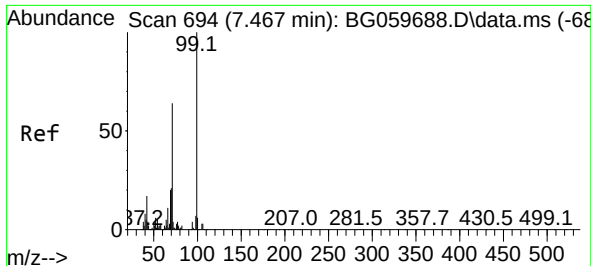
Tgt Ion:152 Resp: 30368
Ion Ratio Lower Upper
152 100
150 147.3 113.9 170.9
115 84.4 59.4 89.2



#5
2-Fluorophenol
Concen: 156.031 ng
RT: 5.839 min Scan# 417
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion:112 Resp: 274462
Ion Ratio Lower Upper
112 100
64 56.5 39.0 58.6
63 44.3 29.8 44.6

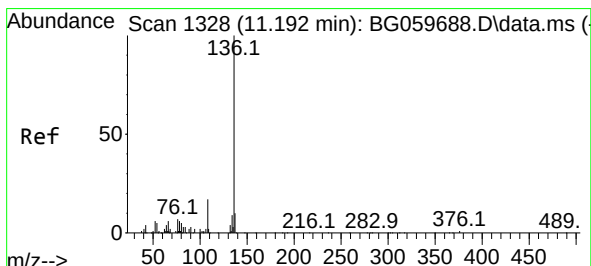
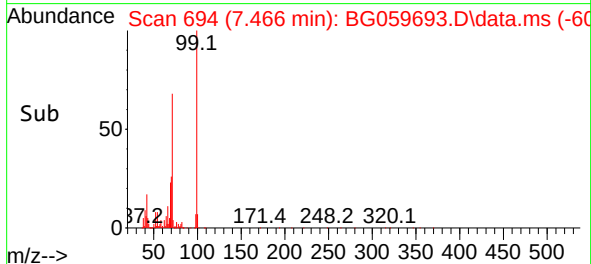
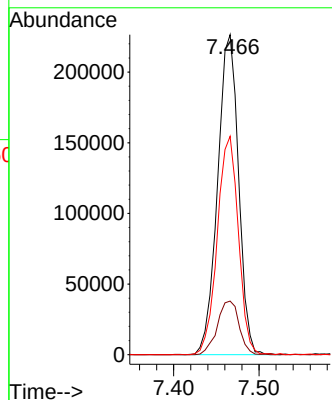
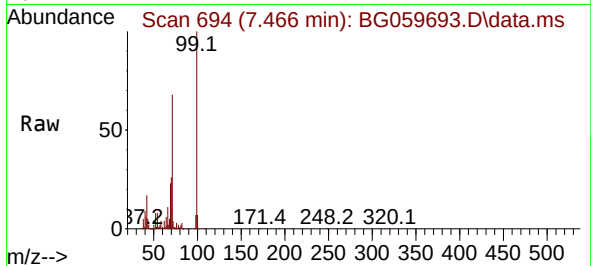




#7
Phenol-d6
Concen: 145.427 ng
RT: 7.466 min Scan# 694
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

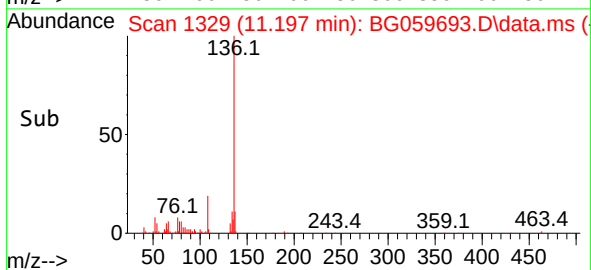
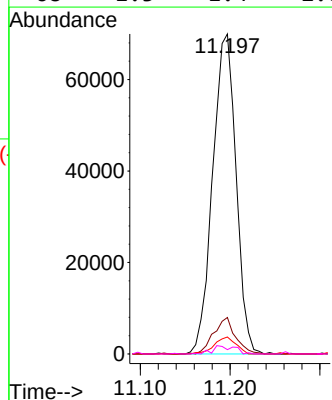
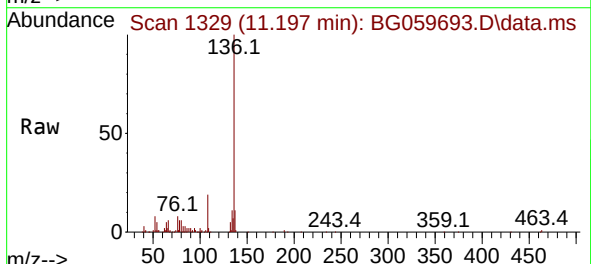
Instrument :
BNA_G
ClientSampleId :
PB157131BL

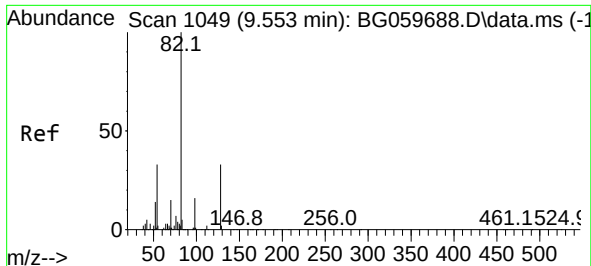
Tgt Ion: 99 Resp: 386587
Ion Ratio Lower Upper
99 100
42 16.8 13.2 19.8
71 68.2 51.3 76.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.197 min Scan# 1329
Delta R.T. 0.005 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion:136 Resp: 126393
Ion Ratio Lower Upper
136 100
137 11.4 7.7 11.5
54 5.3 4.2 6.2
68 1.3 1.4 2.0#

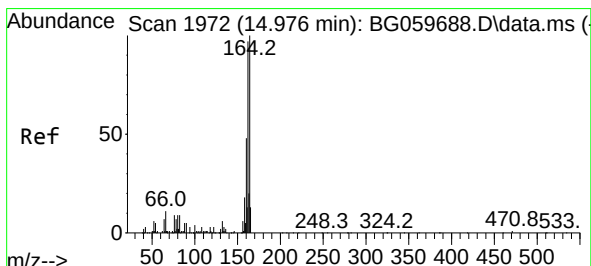
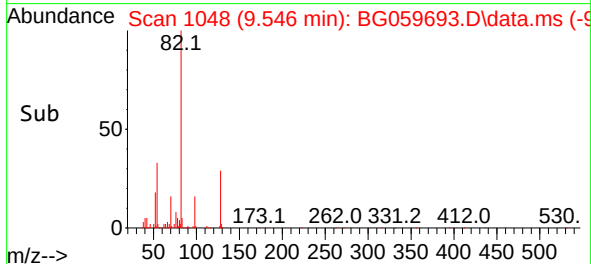
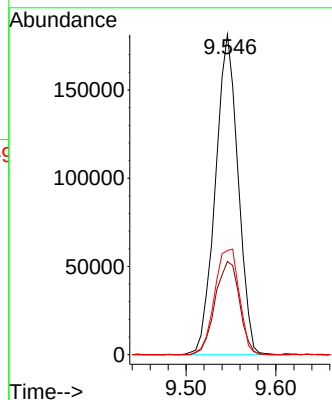
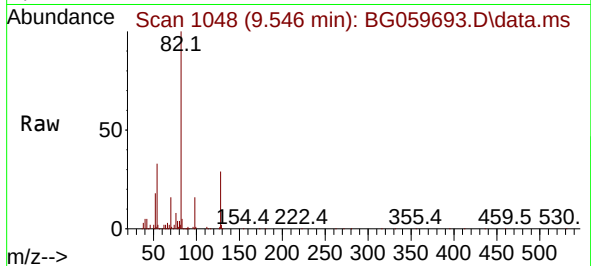




#23
Nitrobenzene-d5
Concen: 108.257 ng
RT: 9.546 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

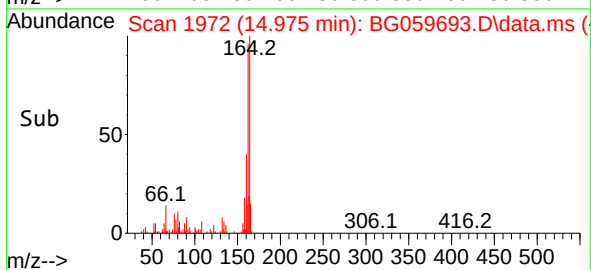
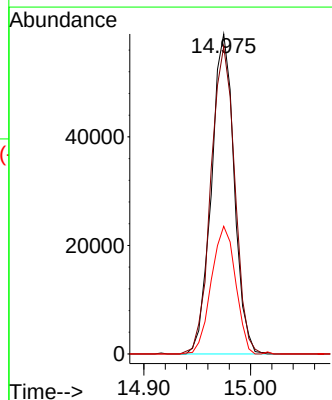
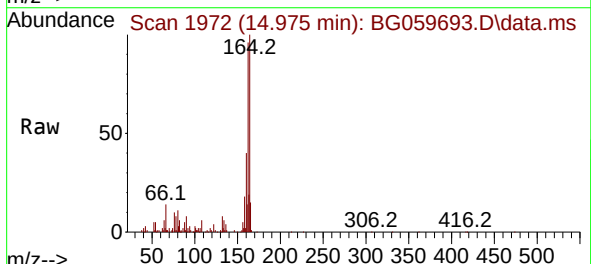
Instrument :
BNA_G
ClientSampleId :
PB157131BL

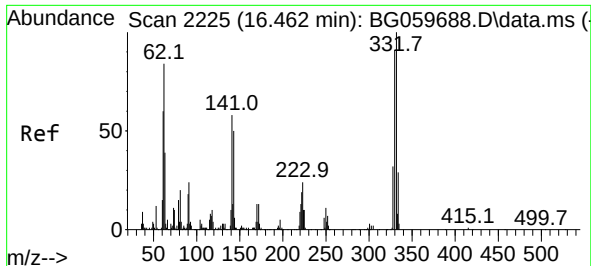
Tgt Ion: 82 Resp: 318287
Ion Ratio Lower Upper
82 100
128 29.1 26.3 39.5
54 32.5 26.6 39.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion:164 Resp: 87094
Ion Ratio Lower Upper
164 100
162 96.1 77.8 116.6
160 39.9 38.0 57.0

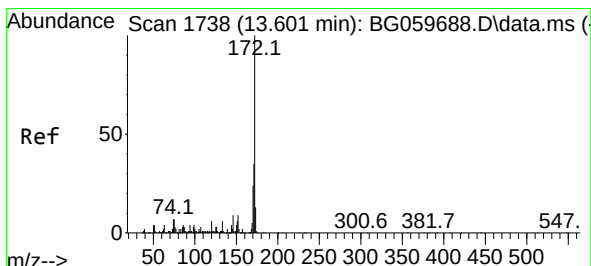
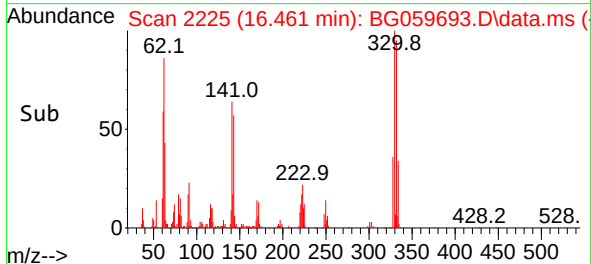
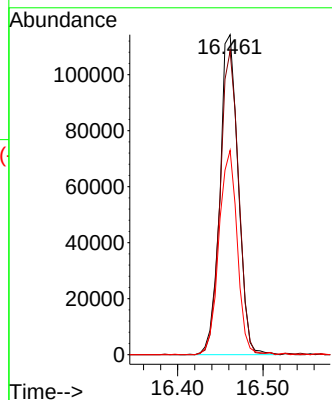
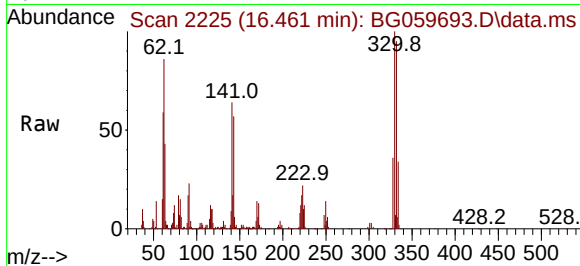




#42
2,4,6-Tribromophenol
Concen: 173.681 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

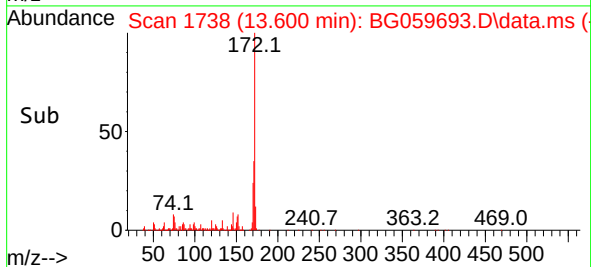
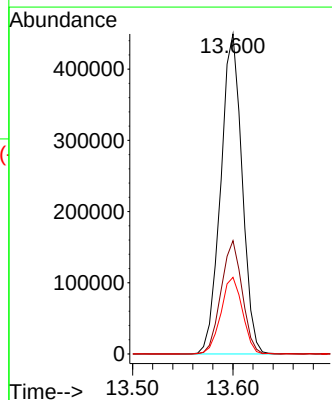
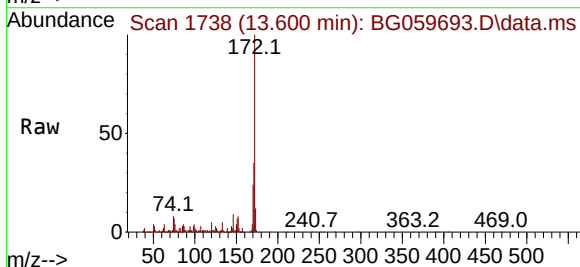
Instrument :
BNA_G
ClientSampleId :
PB157131BL

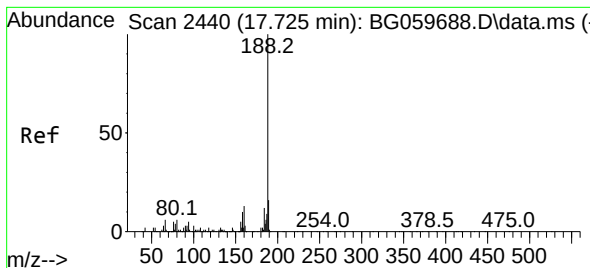
Tgt Ion:330 Resp: 170712
Ion Ratio Lower Upper
330 100
332 95.4 80.7 121.1
141 63.8 51.0 76.6



#45
2-Fluorobiphenyl
Concen: 102.607 ng
RT: 13.600 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BG059693.D
Acq: 14 Nov 2023 22:45

Tgt Ion:172 Resp: 662835
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.725 min Scan# 2440

Delta R.T. -0.001 min

Lab File: BG059693.D

Acq: 14 Nov 2023 22:45

Instrument :

BNA_G

ClientSampleId :

PB157131BL

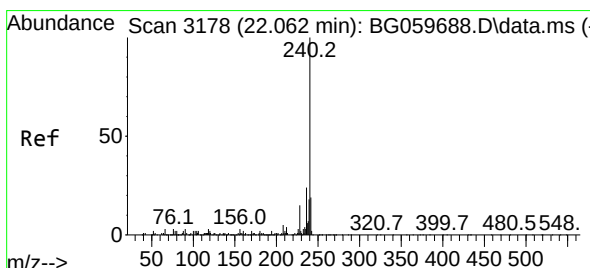
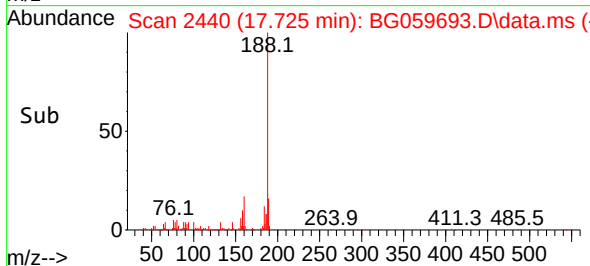
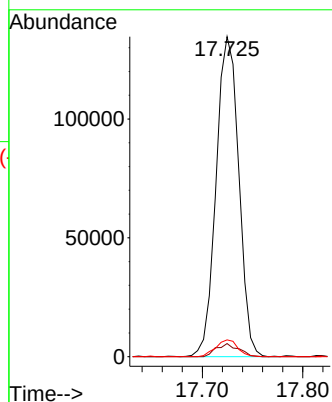
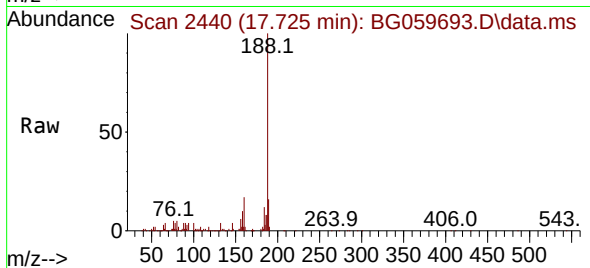
Tgt Ion:188 Resp: 210913

Ion Ratio Lower Upper

188 100

94 4.1 3.9 5.9

80 5.3 4.5 6.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.055 min Scan# 3177

Delta R.T. -0.007 min

Lab File: BG059693.D

Acq: 14 Nov 2023 22:45

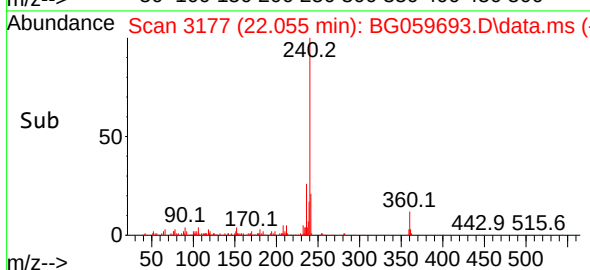
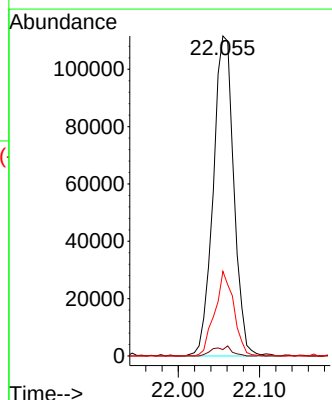
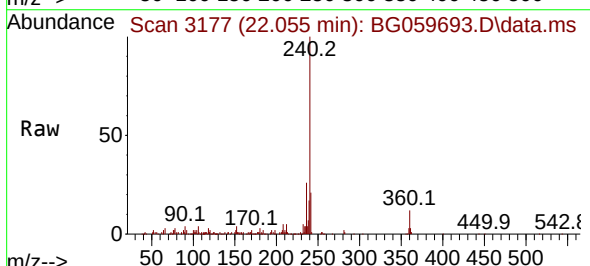
Tgt Ion:240 Resp: 197002

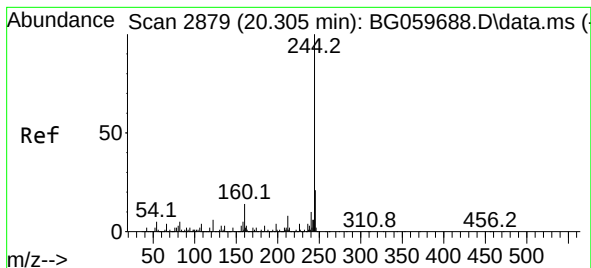
Ion Ratio Lower Upper

240 100

120 2.0 2.6 3.8#

236 26.4 19.4 29.0





#79

Terphenyl-d14

Concen: 151.551 ng

RT: 20.304 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059693.D

Acq: 14 Nov 2023 22:45

Instrument :

BNA_G

ClientSampleId :

PB157131BL

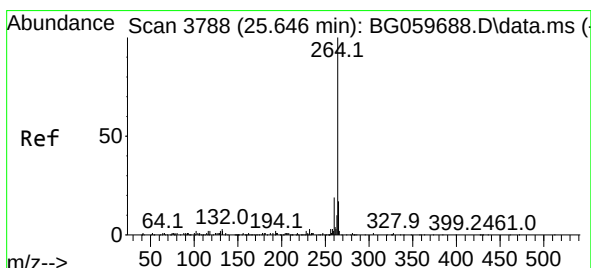
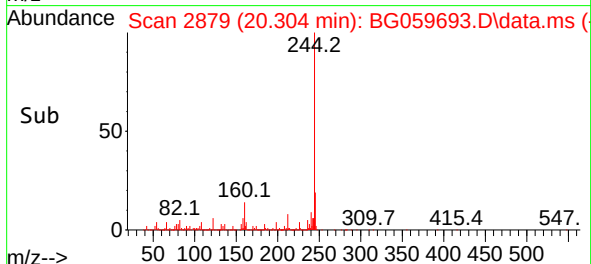
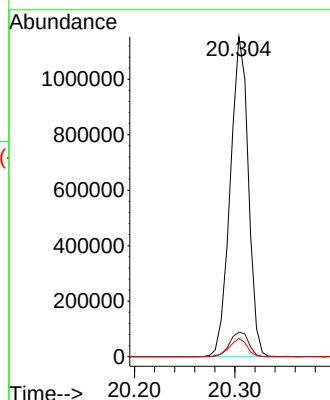
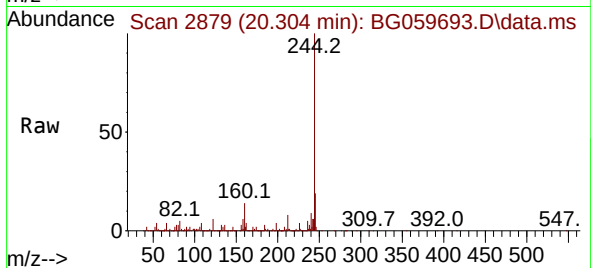
Tgt Ion:244 Resp: 1447060

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

122 5.7 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.651 min Scan# 3789

Delta R.T. 0.005 min

Lab File: BG059693.D

Acq: 14 Nov 2023 22:45

Tgt Ion:264 Resp: 333968

Ion Ratio Lower Upper

264 100

260 21.3 15.6 23.4

265 21.0 13.4 20.2#

