

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059706.D
 Acq On : 15 Nov 2023 19:06
 Operator : MA/JU
 Sample : 05257-04RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-6RE

Quant Time: Nov 16 02:51:39 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	8.342	152	23332	20.000	ng	-0.01
21) Naphthalene-d8	11.191	136	100055	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	68815	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	166231	20.000	ng	# 0.00
76) Chrysene-d12	22.055	240	170518	20.000	ng	# 0.00
86) Perylene-d12	25.651	264	188373	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	157487	116.530	ng	0.00
7) Phenol-d6	7.466	99	186153	91.145	ng	0.00
23) Nitrobenzene-d5	9.546	82	190739	81.952	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	104821	134.971	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	387505	75.920	ng	0.00
79) Terphenyl-d14	20.304	244	926616	112.117	ng	0.00

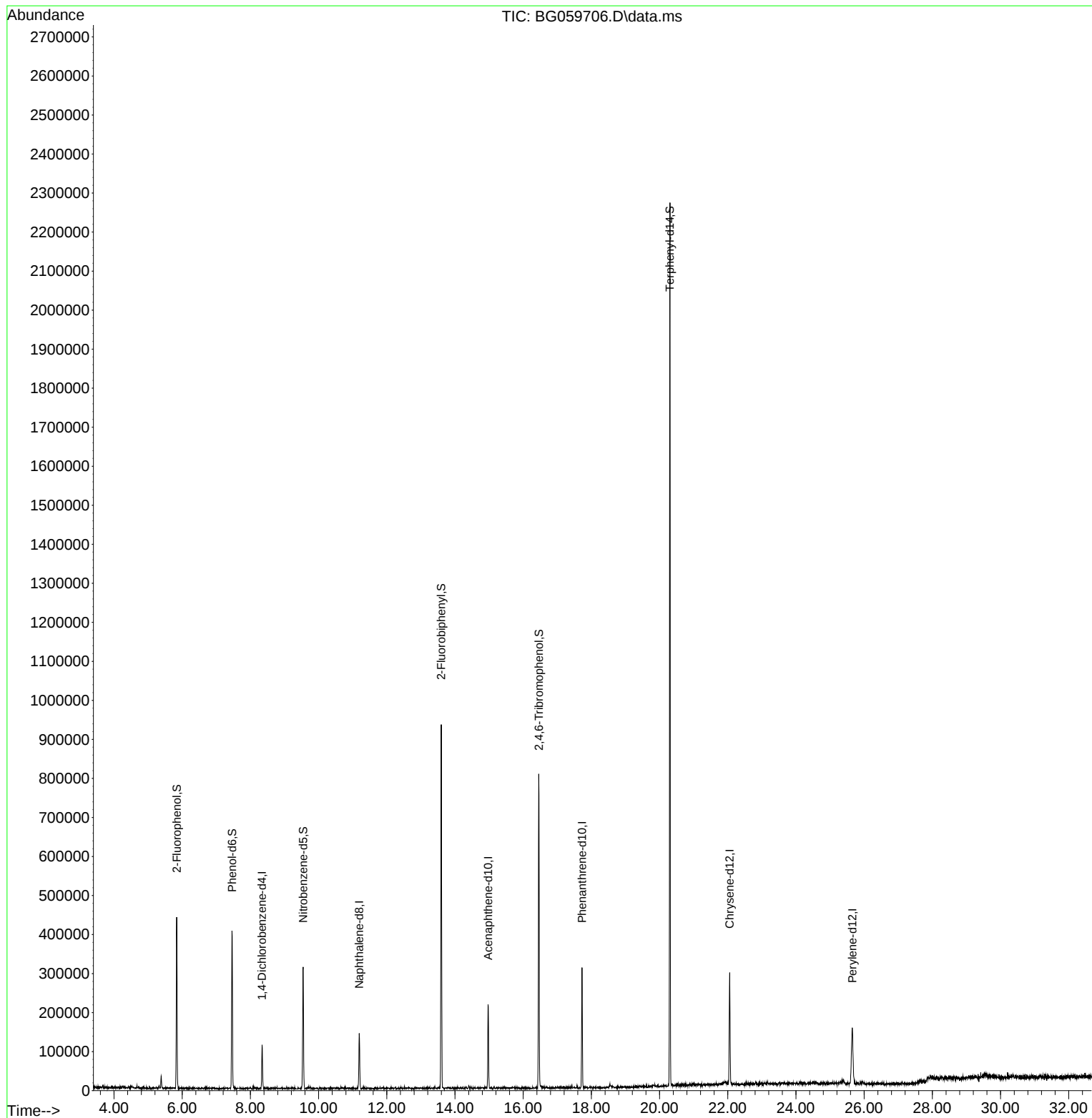
Target Compounds	Qvalue

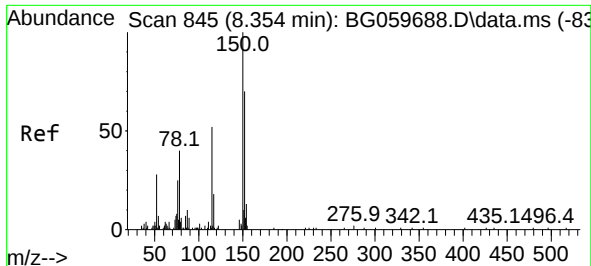
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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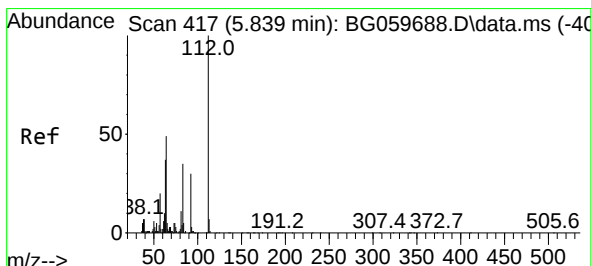
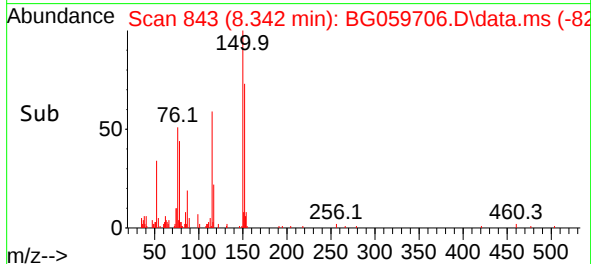
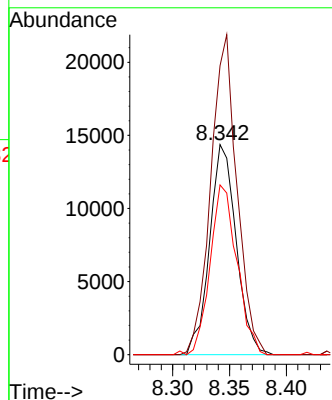
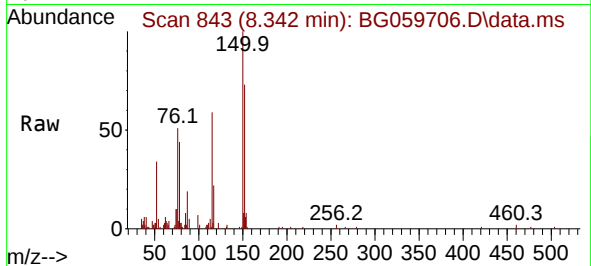




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 845
Delta R.T. -0.012 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

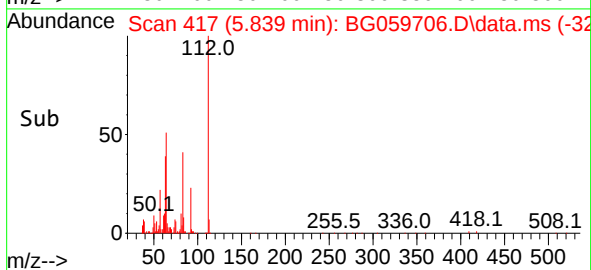
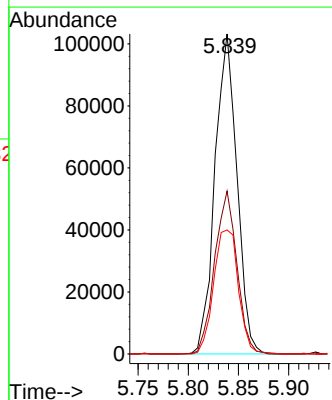
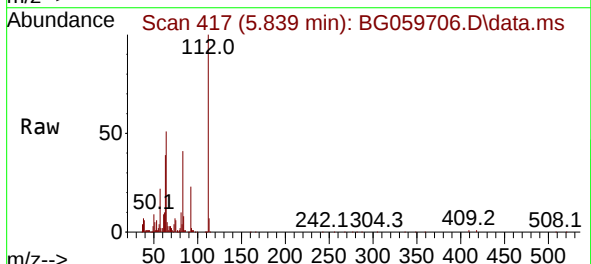
Instrument :
BNA_G
ClientSampleId :
WC-6RE

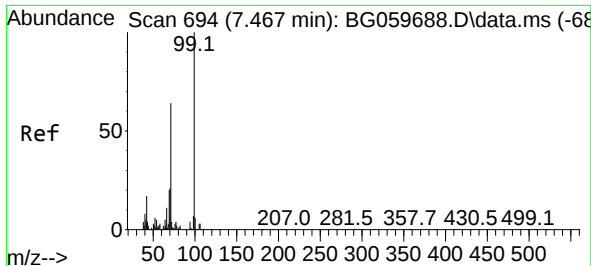
Tgt Ion:152 Resp: 23332
Ion Ratio Lower Upper
152 100
150 137.6 113.9 170.9
115 80.9 59.4 89.2



#5
2-Fluorophenol
Concen: 116.530 ng
RT: 5.839 min Scan# 417
Delta R.T. -0.001 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion:112 Resp: 157487
Ion Ratio Lower Upper
112 100
64 50.9 39.0 58.6
63 38.8 29.8 44.6

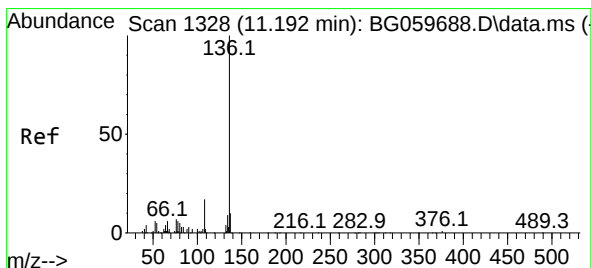
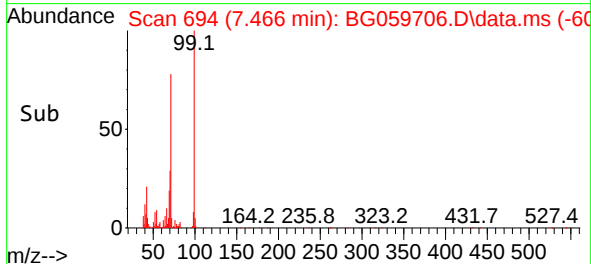
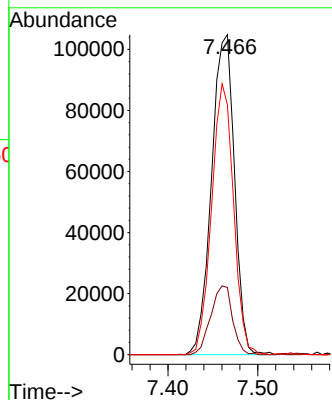
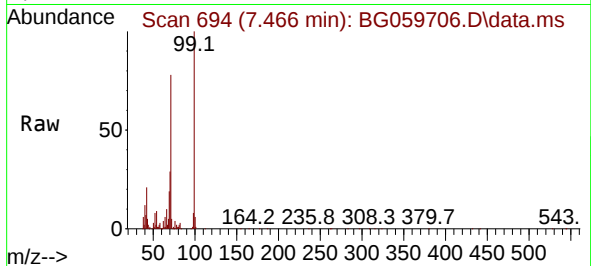




#7
Phenol-d6
Concen: 91.145 ng
RT: 7.466 min Scan# 694
Delta R.T. -0.001 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

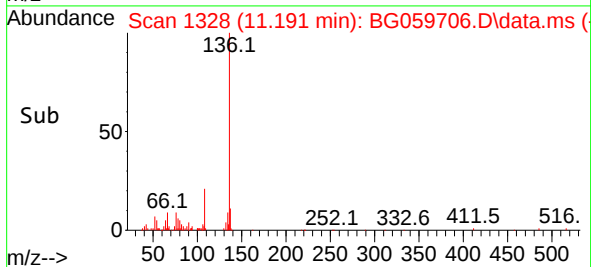
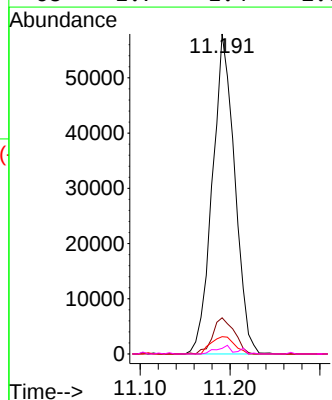
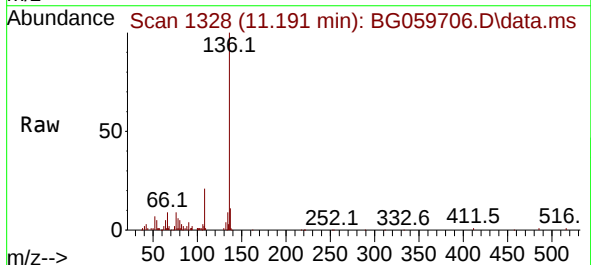
Instrument :
BNA_G
ClientSampleId :
WC-6RE

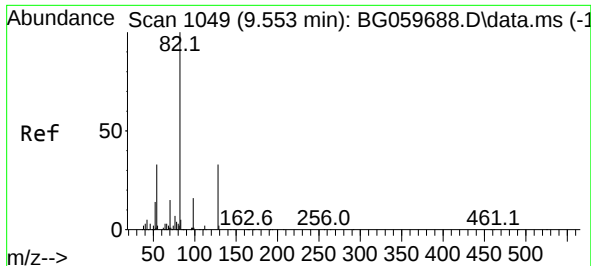
Tgt Ion: 99 Resp: 186153
Ion Ratio Lower Upper
99 100
42 21.0 13.2 19.8#
71 78.1 51.3 76.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion:136 Resp: 100055
Ion Ratio Lower Upper
136 100
137 11.3 7.7 11.5
54 5.4 4.2 6.2
68 1.7 1.4 2.0

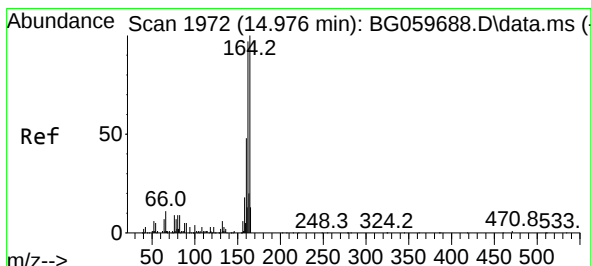
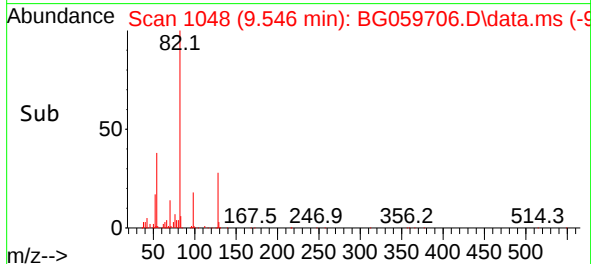
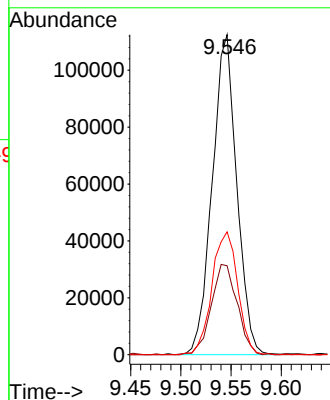
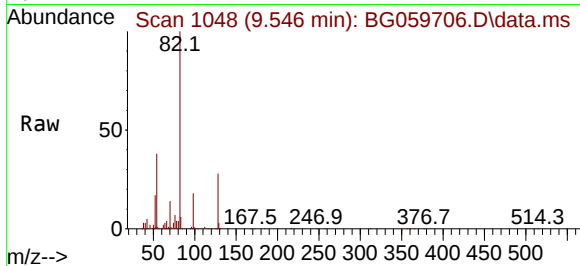




#23
Nitrobenzene-d5
Concen: 81.952 ng
RT: 9.546 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

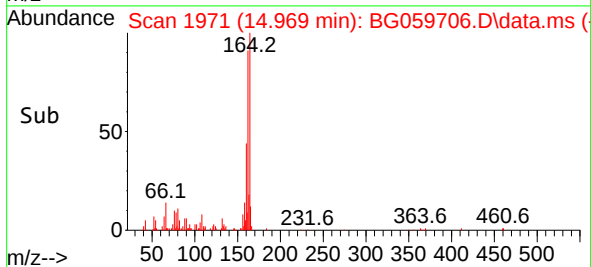
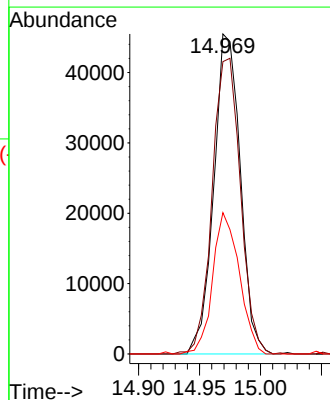
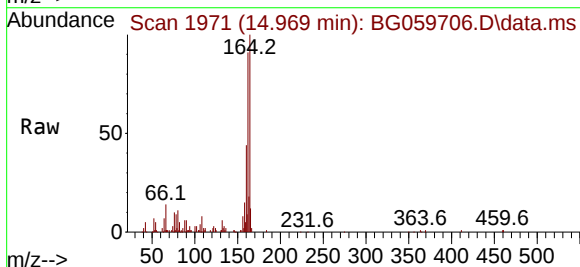
Instrument :
BNA_G
ClientSampleId :
WC-6RE

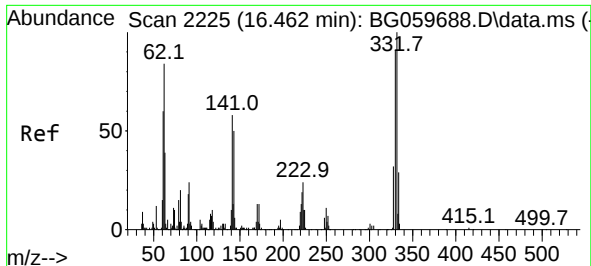
Tgt Ion: 82 Resp: 190739
Ion Ratio Lower Upper
82 100
128 27.8 26.3 39.5
54 38.4 26.6 39.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.007 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion:164 Resp: 68815
Ion Ratio Lower Upper
164 100
162 91.4 77.8 116.6
160 44.2 38.0 57.0

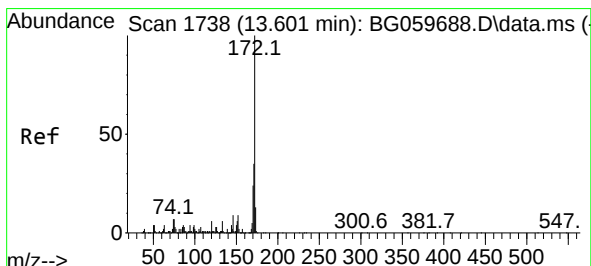
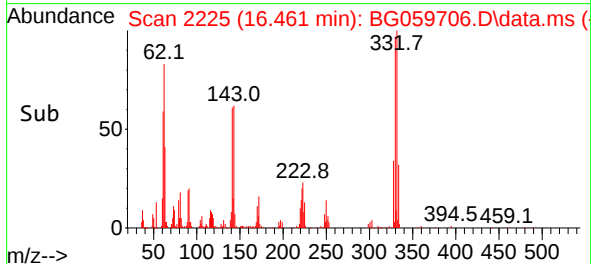
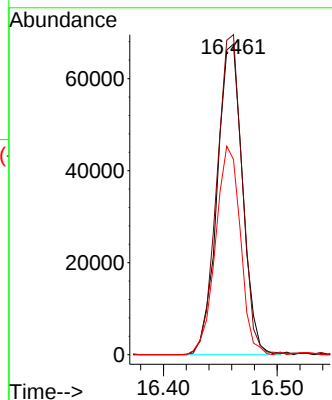
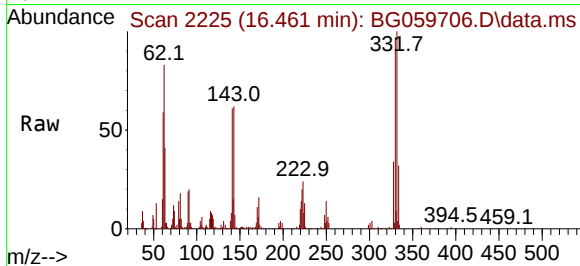




#42
2,4,6-Tribromophenol
Concen: 134.971 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

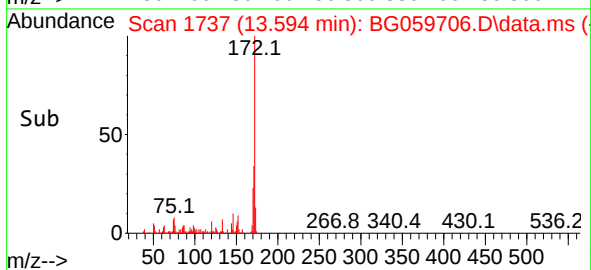
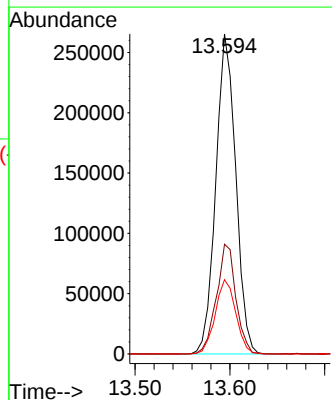
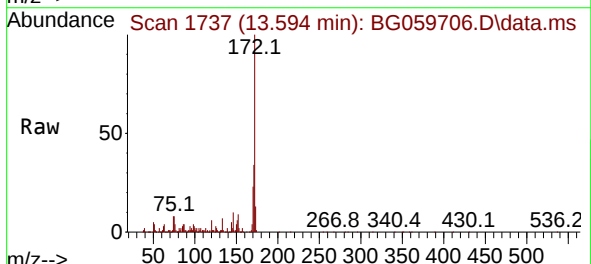
Instrument :
BNA_G
ClientSampleId :
WC-6RE

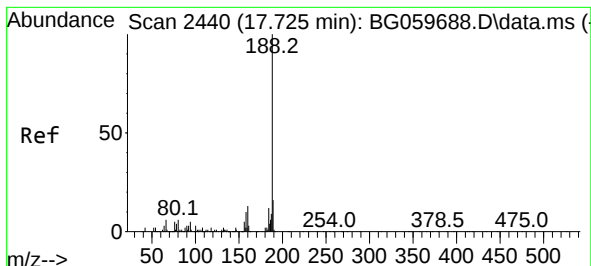
Tgt Ion:330 Resp: 104821
Ion Ratio Lower Upper
330 100
332 102.7 80.7 121.1
141 65.6 51.0 76.6



#45
2-Fluorobiphenyl
Concen: 75.920 ng
RT: 13.594 min Scan# 1737
Delta R.T. -0.007 min
Lab File: BG059706.D
Acq: 15 Nov 2023 19:06

Tgt Ion:172 Resp: 387505
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.2 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: BG059706.D

Acq: 15 Nov 2023 19:06

Instrument :

BNA_G

ClientSampleId :

WC-6RE

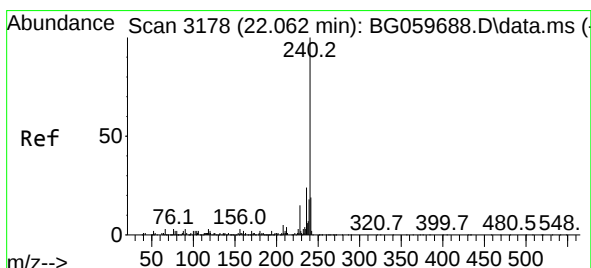
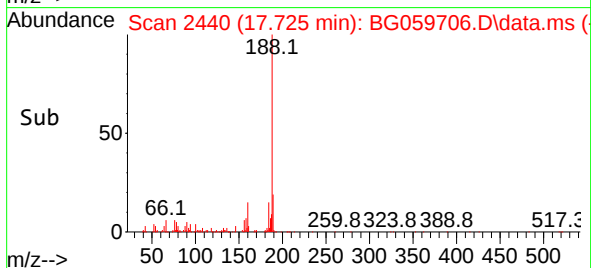
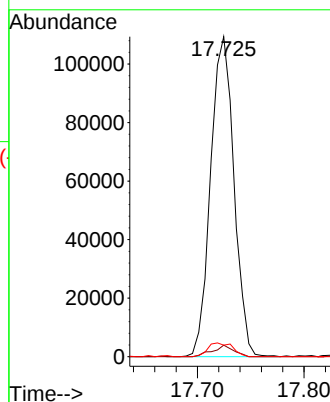
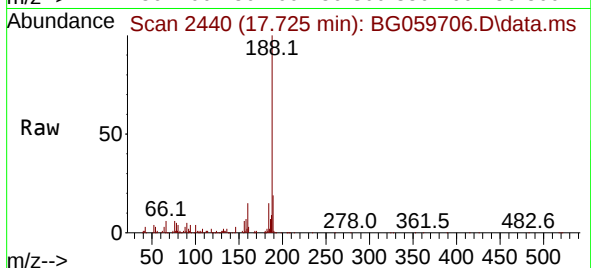
Tgt Ion:188 Resp: 166231

Ion Ratio Lower Upper

188 100

94 3.6 3.9 5.9#

80 3.6 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: BG059706.D

Acq: 15 Nov 2023 19:06

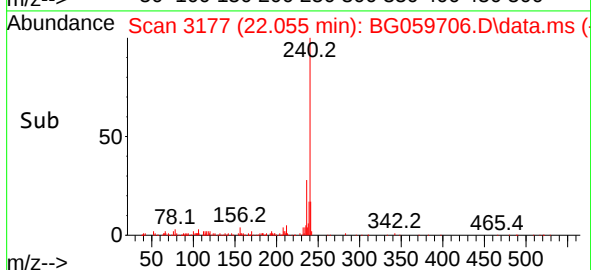
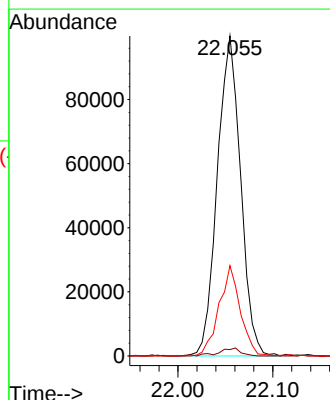
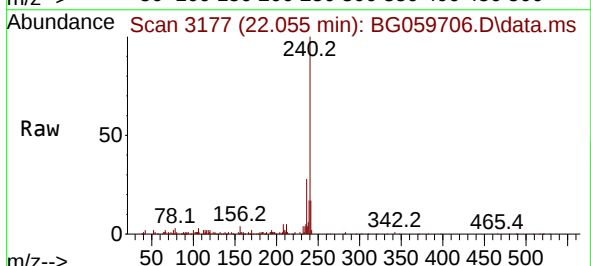
Tgt Ion:240 Resp: 170518

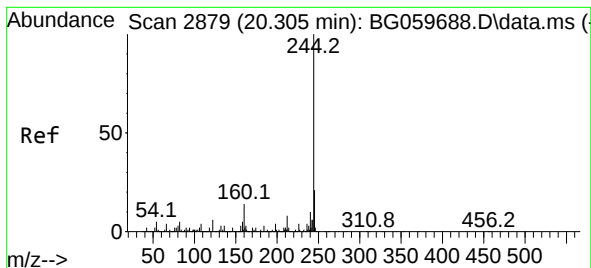
Ion Ratio Lower Upper

240 100

120 2.0 2.6 3.8#

236 28.2 19.4 29.0





#79

Terphenyl-d14

Concen: 112.117 ng

RT: 20.304 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059706.D

Acq: 15 Nov 2023 19:06

Instrument :

BNA_G

ClientSampleId :

WC-6RE

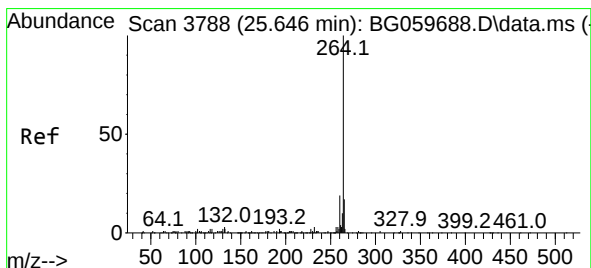
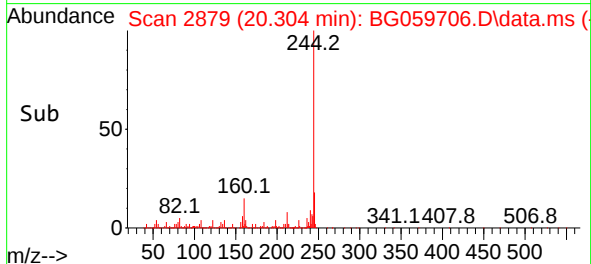
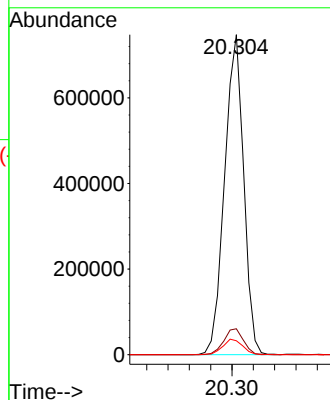
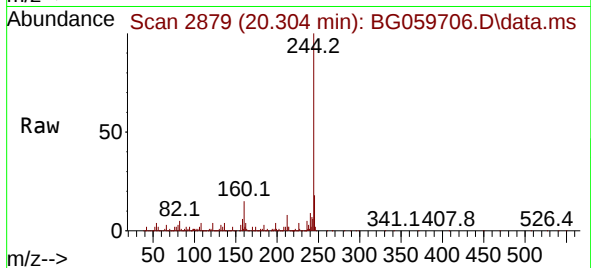
Tgt Ion:244 Resp: 926616

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

122 4.4 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: BG059706.D

Acq: 15 Nov 2023 19:06

Tgt Ion:264 Resp: 188373

Ion Ratio Lower Upper

264 100

260 18.7 15.6 23.4

265 20.6 13.4 20.2#

