

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059903.D
 Acq On : 27 Nov 2023 15:34
 Operator : MA/JU
 Sample : 05425-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)

Quant Time: Nov 27 23:11:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	25198	20.000	ng	0.00
21) Naphthalene-d8	11.155	136	118067	20.000	ng	# 0.00
39) Acenaphthene-d10	14.933	164	87395	20.000	ng	#-0.01
64) Phenanthrene-d10	17.688	188	193257	20.000	ng	0.00
76) Chrysene-d12	22.007	240	152814	20.000	ng	#-0.01
86) Perylene-d12	25.567	264	174679	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	205106	137.004	ng	0.00
7) Phenol-d6	7.436	99	282209	127.205	ng	0.00
23) Nitrobenzene-d5	9.510	82	236774	76.591	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	136914	138.073	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	501509	77.242	ng	0.00
79) Terphenyl-d14	20.268	244	837032	80.861	ng	0.00

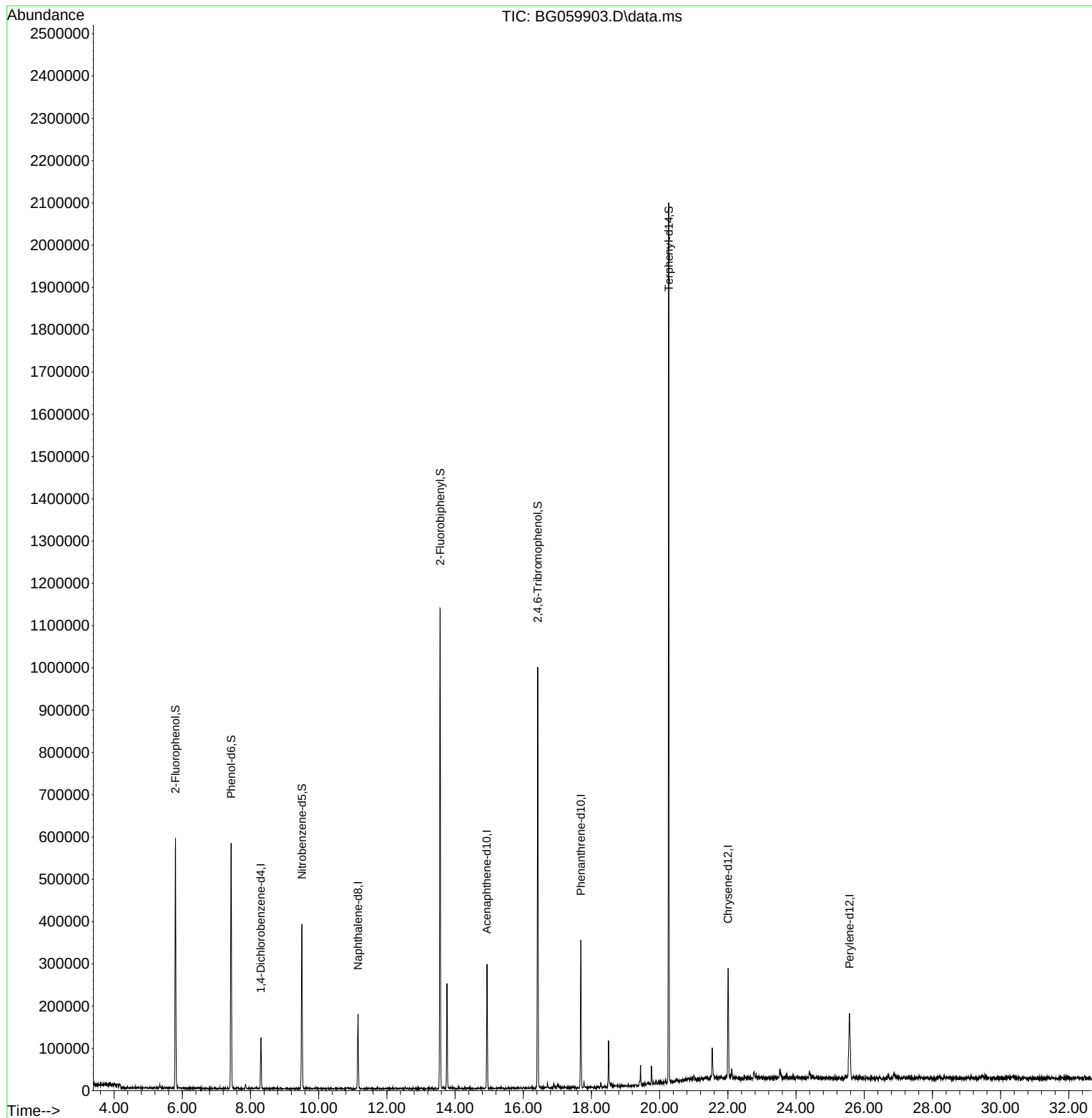
Target Compounds	Qvalue

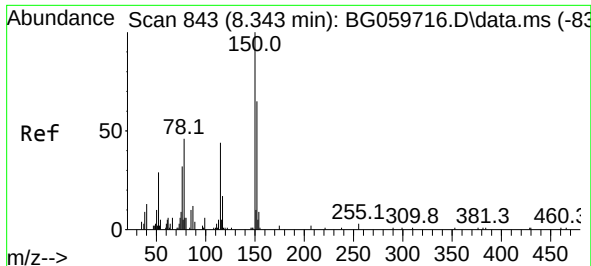
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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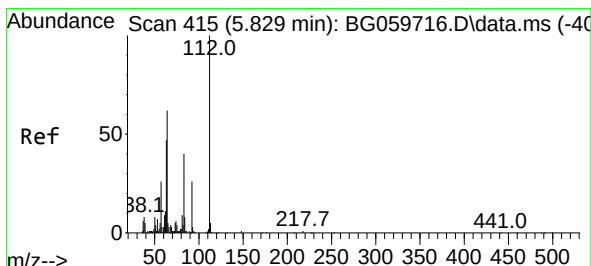
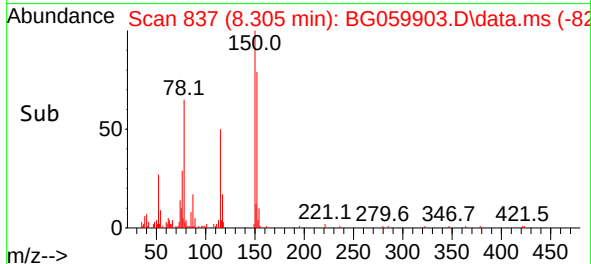
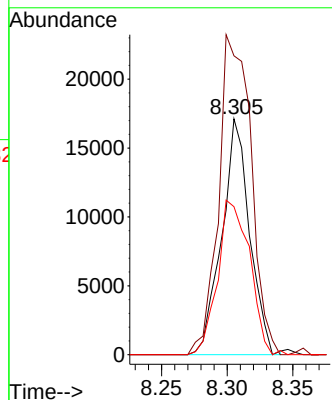
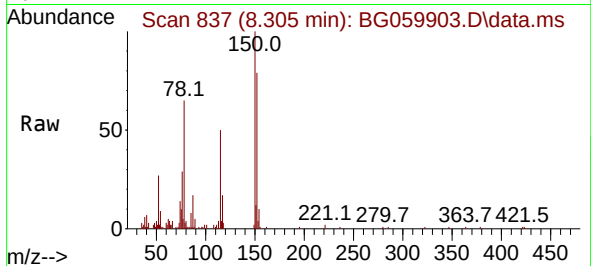




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

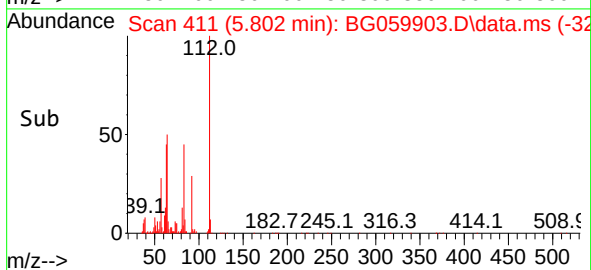
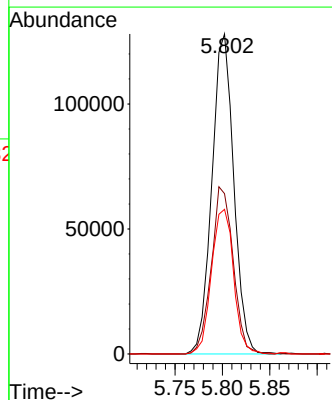
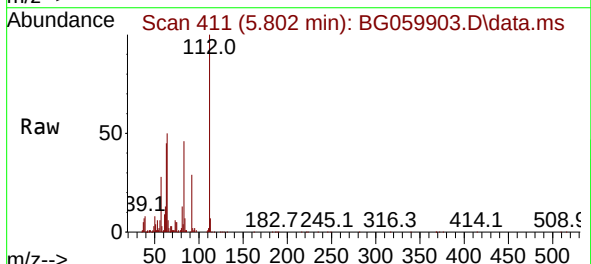
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

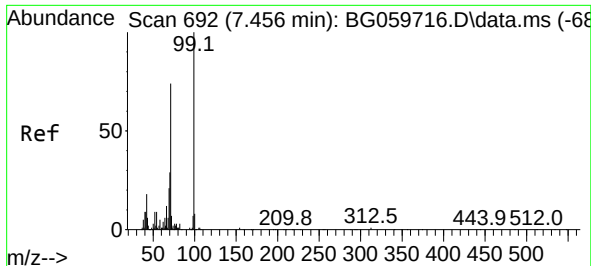
Tgt Ion:152 Resp: 25198
Ion Ratio Lower Upper
152 100
150 126.7 122.2 183.4
115 62.7 54.2 81.4



#5
2-Fluorophenol
Concen: 137.004 ng
RT: 5.802 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion:112 Resp: 205106
Ion Ratio Lower Upper
112 100
64 50.1 49.5 74.3
63 45.2 37.4 56.2

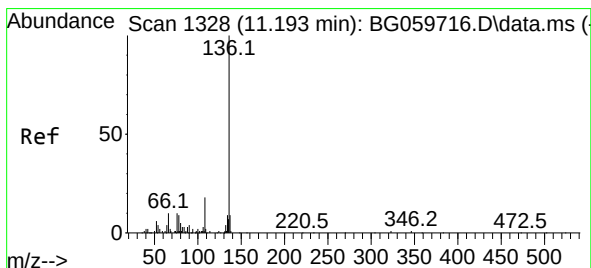
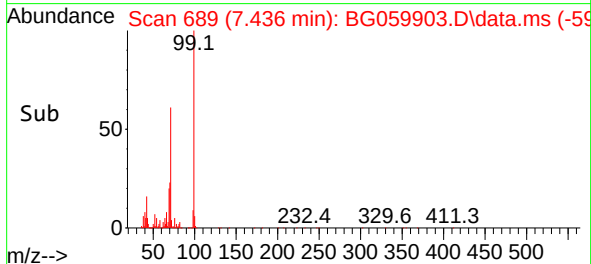
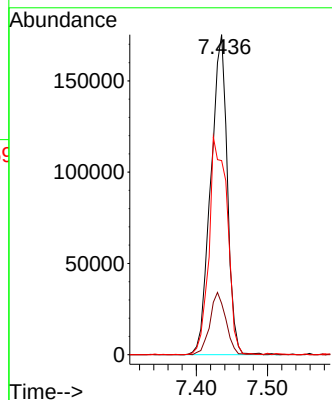
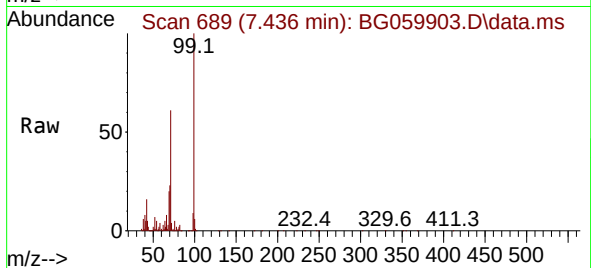




#7
Phenol-d6
Concen: 127.205 ng
RT: 7.436 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

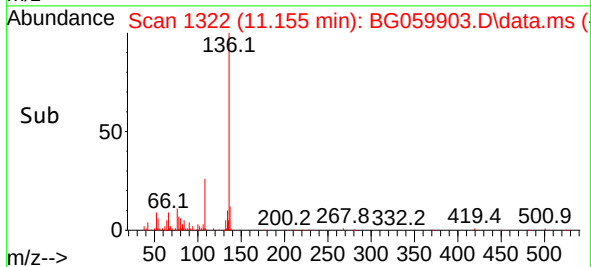
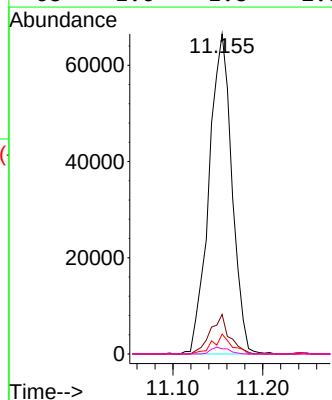
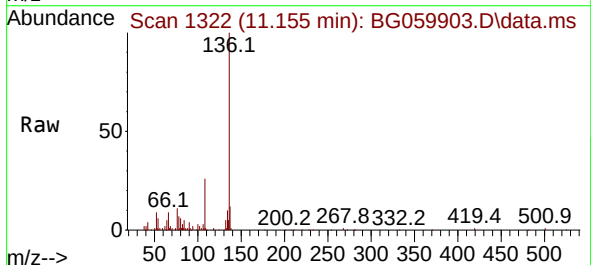
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

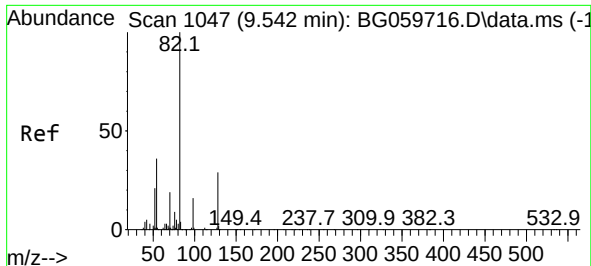
Tgt Ion: 99 Resp: 282209
Ion Ratio Lower Upper
99 100
42 16.0 14.3 21.5
71 60.7 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.155 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion:136 Resp: 118067
Ion Ratio Lower Upper
136 100
137 12.3 7.4 11.0#
54 6.2 3.1 4.7#
68 1.6 1.8 2.8#





#23

Nitrobenzene-d5

Concen: 76.591 ng

RT: 9.510 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BG059903.D

Acq: 27 Nov 2023 15:34

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)

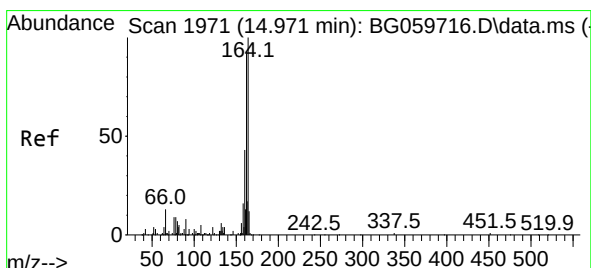
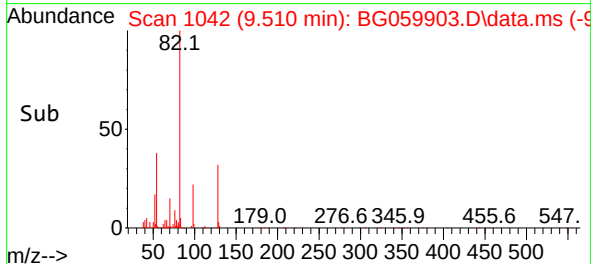
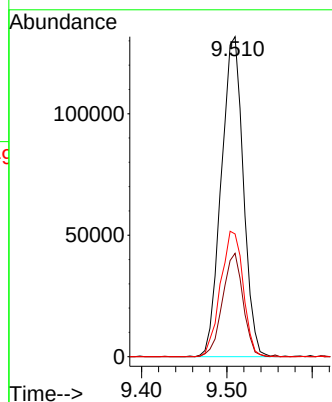
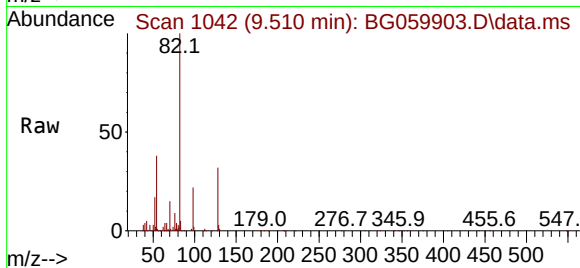
Tgt Ion: 82 Resp: 236774

Ion Ratio Lower Upper

82 100

128 32.3 23.0 34.6

54 38.4 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.933 min Scan# 1965

Delta R.T. -0.012 min

Lab File: BG059903.D

Acq: 27 Nov 2023 15:34

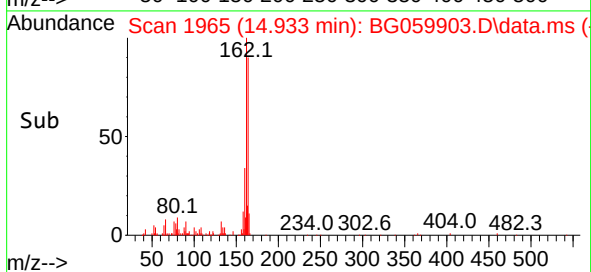
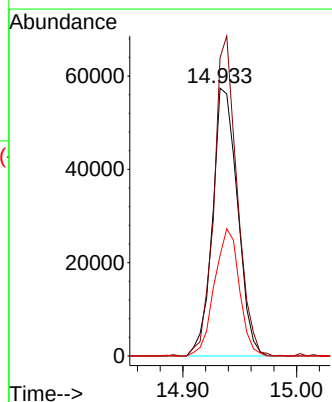
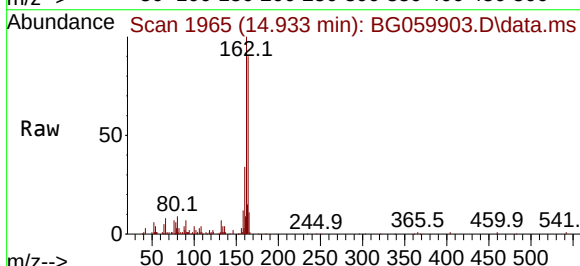
Tgt Ion:164 Resp: 87395

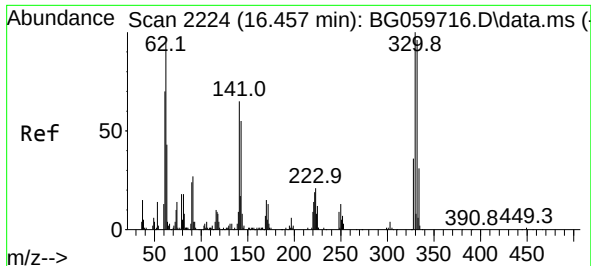
Ion Ratio Lower Upper

164 100

162 111.3 73.3 109.9#

160 37.5 34.1 51.1

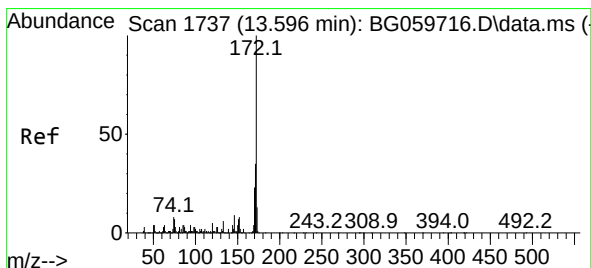
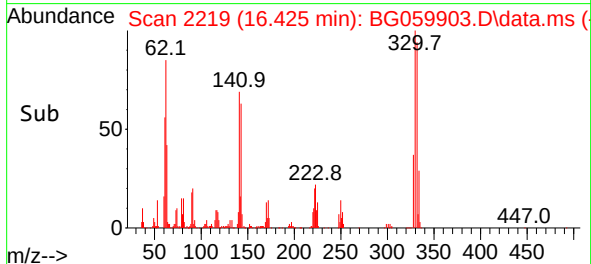
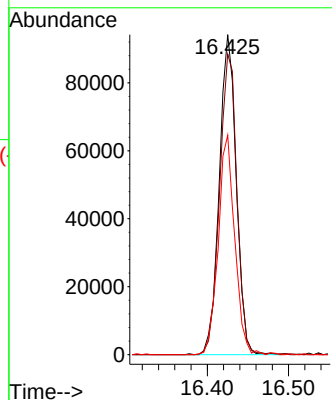
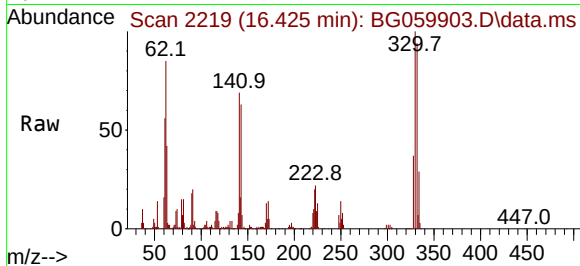




#42
2,4,6-Tribromophenol
Concen: 138.073 ng
RT: 16.425 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

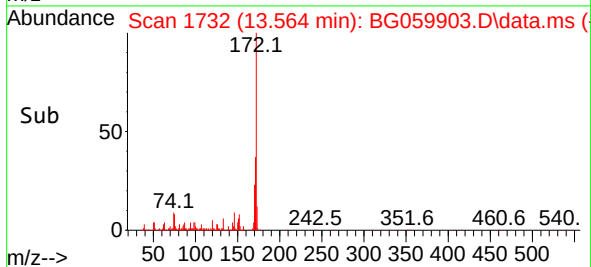
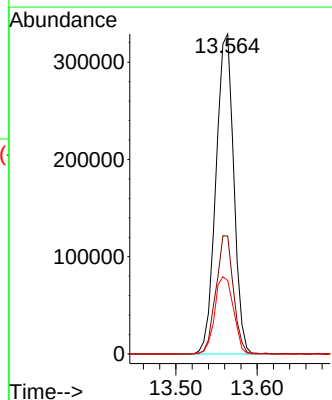
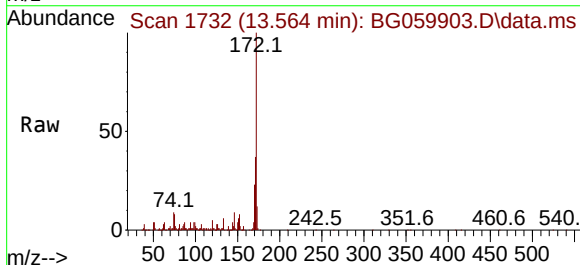
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

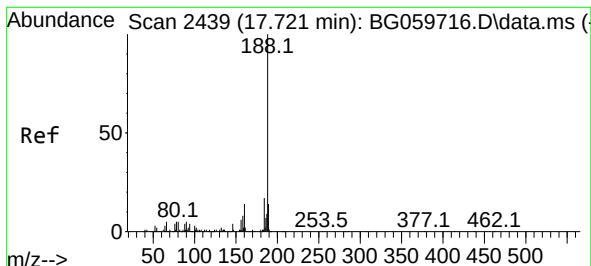
Tgt Ion:330 Resp: 136914
Ion Ratio Lower Upper
330 100
332 96.4 73.3 109.9
141 66.7 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 77.242 ng
RT: 13.564 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion:172 Resp: 501509
Ion Ratio Lower Upper
172 100
171 36.8 27.7 41.5
170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.688 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BG059903.D

Acq: 27 Nov 2023 15:34

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)

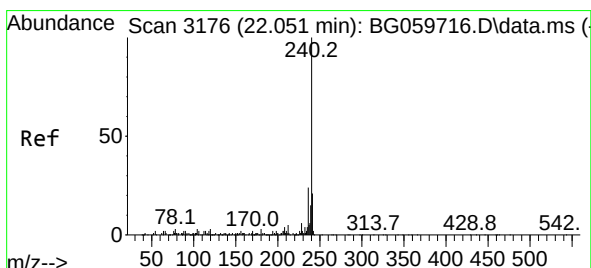
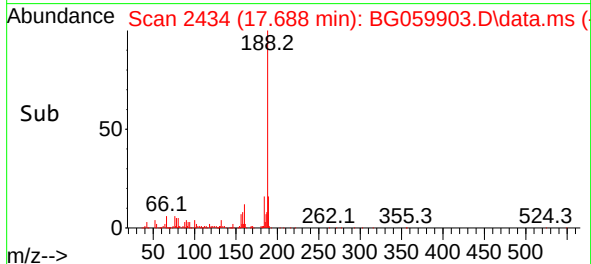
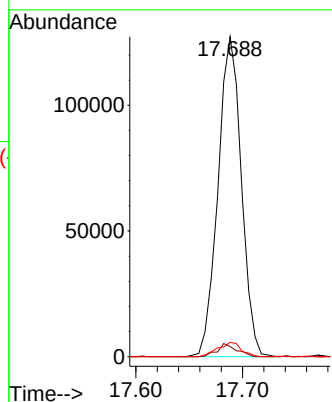
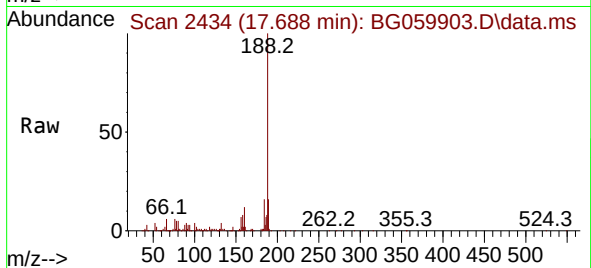
Tgt Ion:188 Resp: 193257

Ion Ratio Lower Upper

188 100

94 3.2 3.0 4.4

80 4.5 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.007 min Scan# 3169

Delta R.T. -0.012 min

Lab File: BG059903.D

Acq: 27 Nov 2023 15:34

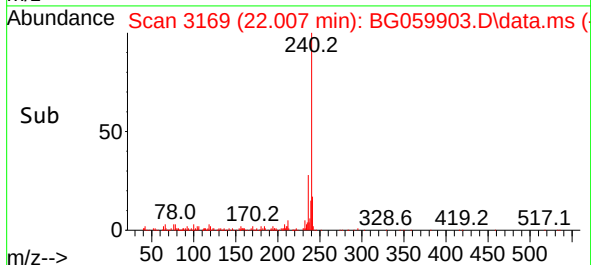
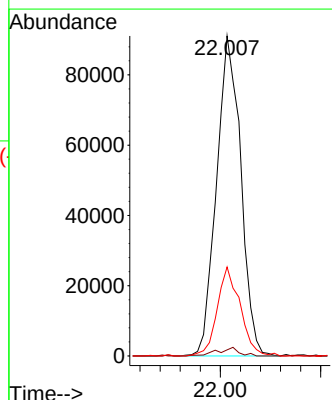
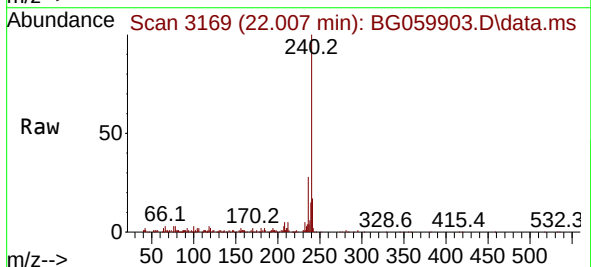
Tgt Ion:240 Resp: 152814

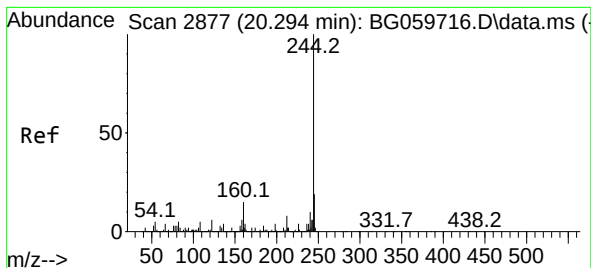
Ion Ratio Lower Upper

240 100

120 1.9 2.2 3.2#

236 27.8 19.4 29.2





#79

Terphenyl-d14

Concen: 80.861 ng

RT: 20.268 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG059903.D

Acq: 27 Nov 2023 15:34

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)

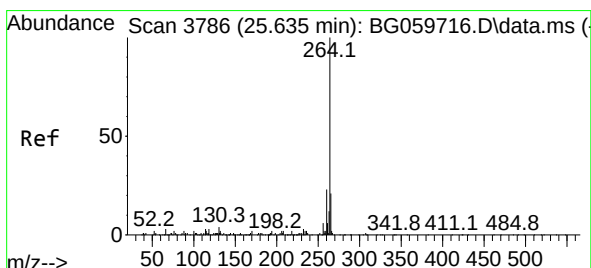
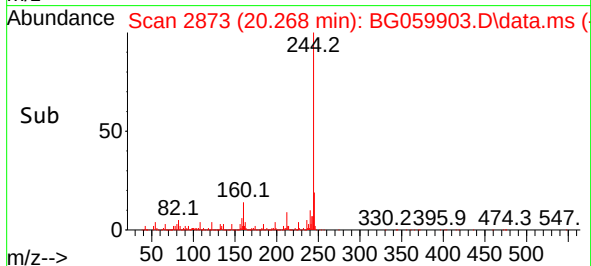
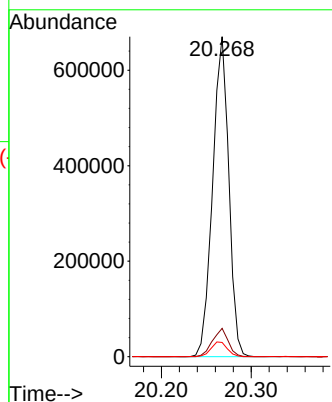
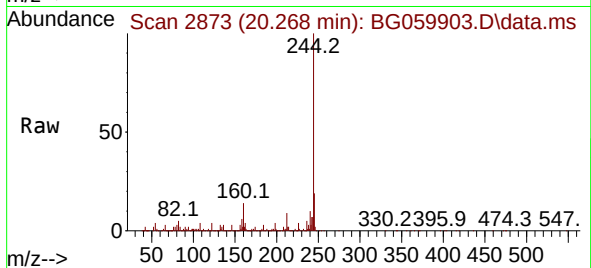
Tgt Ion:244 Resp: 837032

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

122 4.5 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.567 min Scan# 3775

Delta R.T. -0.012 min

Lab File: BG059903.D

Acq: 27 Nov 2023 15:34

Tgt Ion:264 Resp: 174679

Ion Ratio Lower Upper

264 100

260 33.2 18.5 27.7#

265 21.3 17.0 25.6

