

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059803.D
 Acq On : 21 Nov 2023 22:26
 Operator : MA/JU
 Sample : 05376-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 223

Quant Time: Nov 22 00:34:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	20428	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	102744	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	103431	20.000	ng	# 0.00
64) Phenanthrene-d10	17.719	188	262895	20.000	ng	# 0.00
76) Chrysene-d12	22.043	240	197299	20.000	ng	# 0.00
86) Perylene-d12	25.627	264	231091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	171448	141.262	ng	0.00
7) Phenol-d6	7.461	99	216433	120.337	ng	0.00
23) Nitrobenzene-d5	9.540	82	256842	95.473	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	229435	195.505	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	743324	96.736	ng	0.00
79) Terphenyl-d14	20.293	244	1600108	119.725	ng	0.00

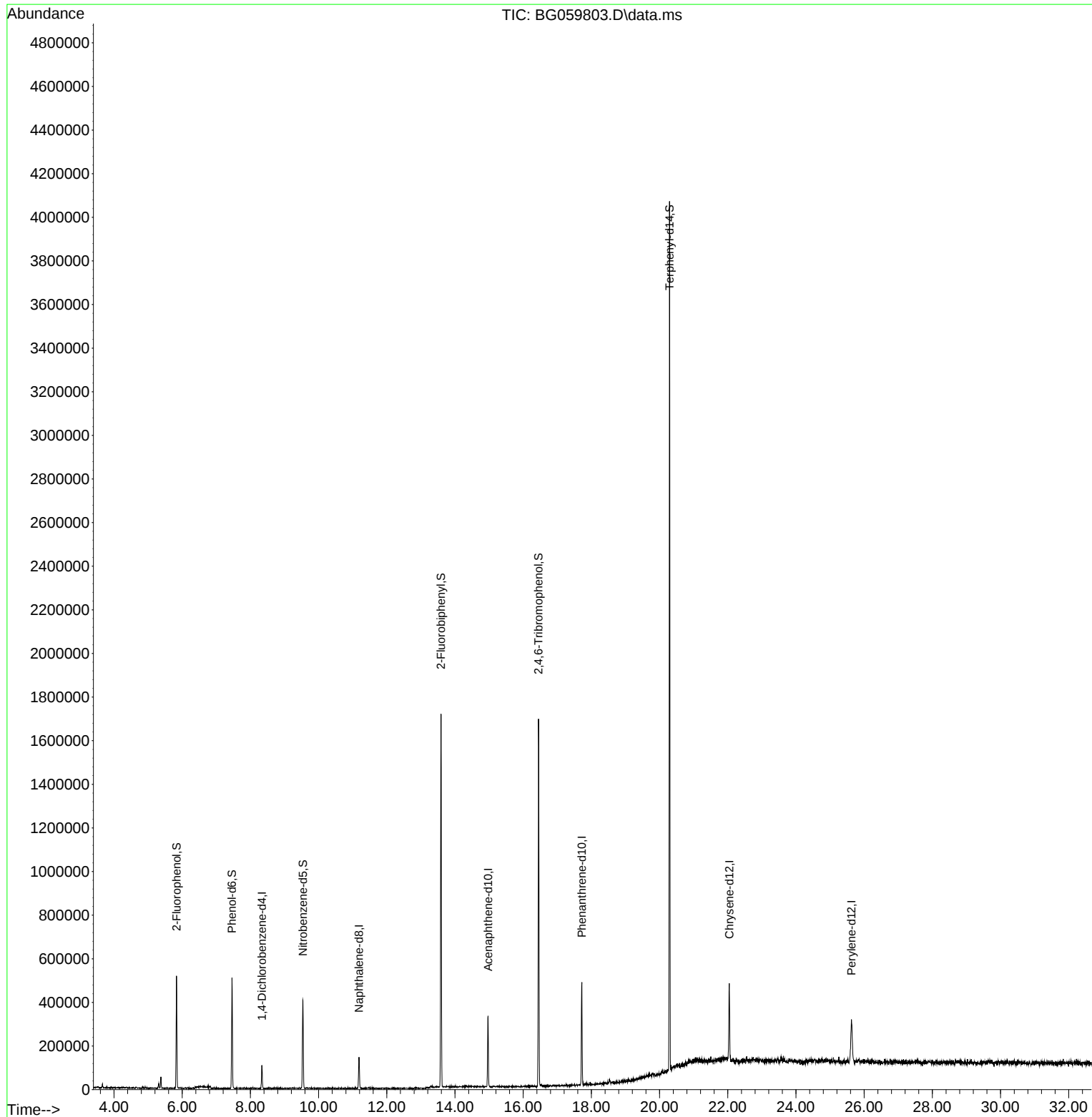
Target Compounds	Qvalue

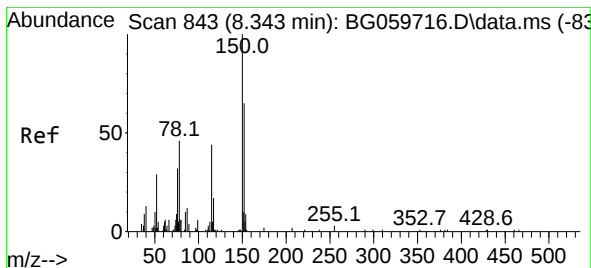
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.336 min Scan# 84

Delta R.T. -0.007 min

Lab File: BG059803.D

Acq: 21 Nov 2023 22:26

Instrument :

BNA_G

ClientSampleId :

223

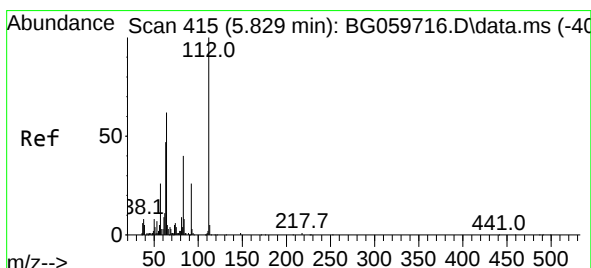
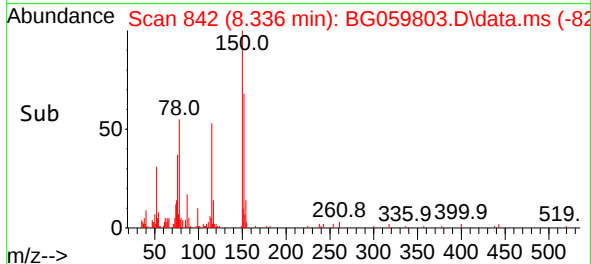
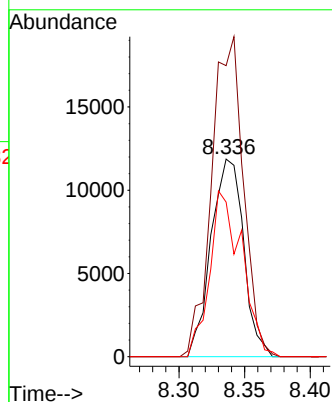
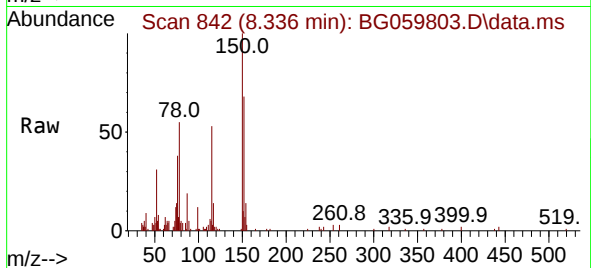
Tgt Ion:152 Resp: 20428

Ion Ratio Lower Upper

152 100

150 147.4 122.2 183.4

115 78.2 54.2 81.4



#5

2-Fluorophenol

Concen: 141.262 ng

RT: 5.833 min Scan# 416

Delta R.T. 0.004 min

Lab File: BG059803.D

Acq: 21 Nov 2023 22:26

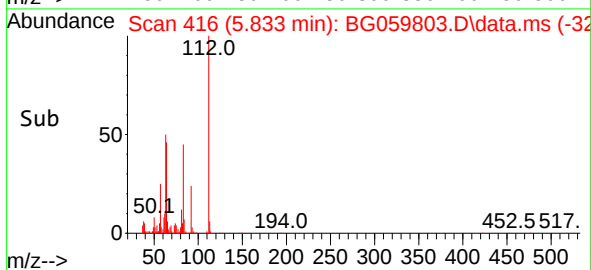
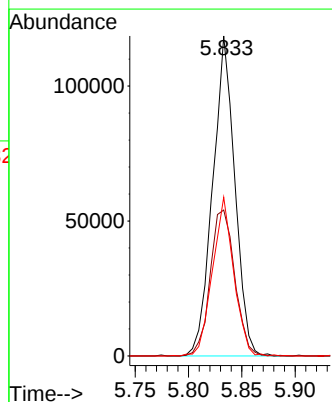
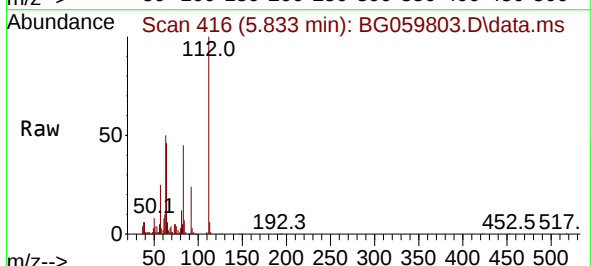
Tgt Ion:112 Resp: 171448

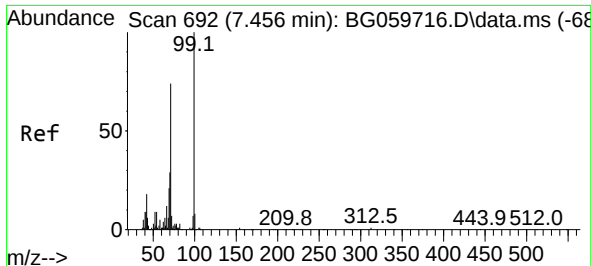
Ion Ratio Lower Upper

112 100

64 45.6 49.5 74.3#

63 49.6 37.4 56.2

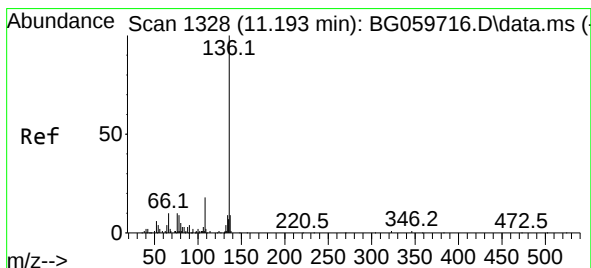
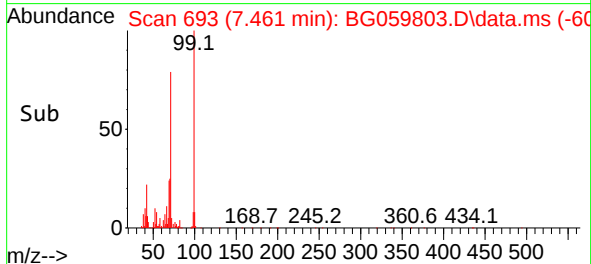
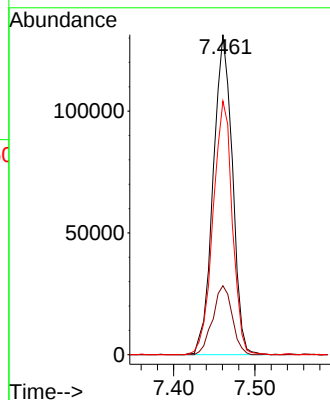
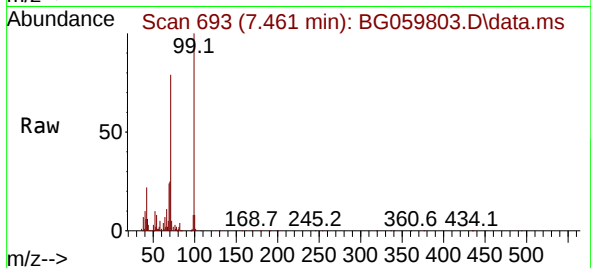




#7
Phenol-d6
Concen: 120.337 ng
RT: 7.461 min Scan# 692
Delta R.T. 0.004 min
Lab File: BG059803.D
Acq: 21 Nov 2023 22:26

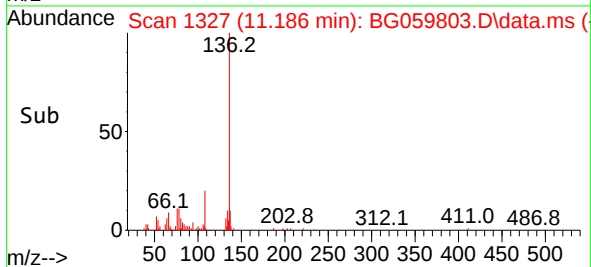
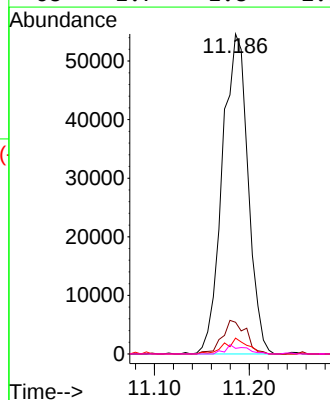
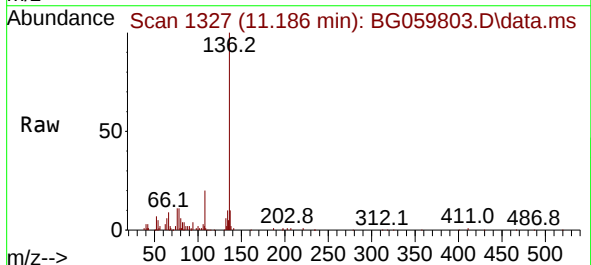
Instrument :
BNA_G
ClientSampleId :
223

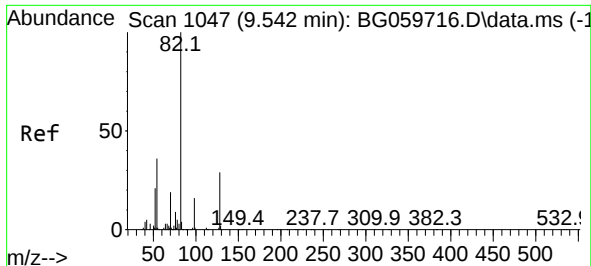
Tgt Ion: 99 Resp: 216433
Ion Ratio Lower Upper
99 100
42 21.5 14.3 21.5#
71 79.2 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1327
Delta R.T. -0.007 min
Lab File: BG059803.D
Acq: 21 Nov 2023 22:26

Tgt Ion:136 Resp: 102744
Ion Ratio Lower Upper
136 100
137 9.9 7.4 11.0
54 5.0 3.1 4.7#
68 1.7 1.8 2.8#





#23

Nitrobenzene-d5

Concen: 95.473 ng

RT: 9.540 min Scan# 1047

Delta R.T. -0.002 min

Lab File: BG059803.D

Acq: 21 Nov 2023 22:26

Instrument :

BNA_G

ClientSampleId :

223

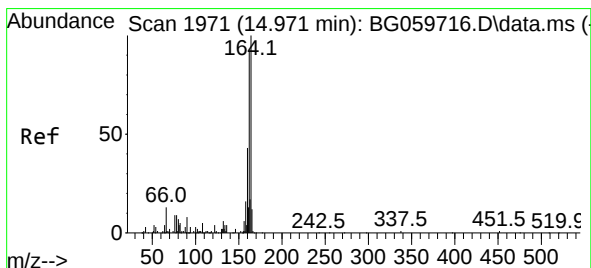
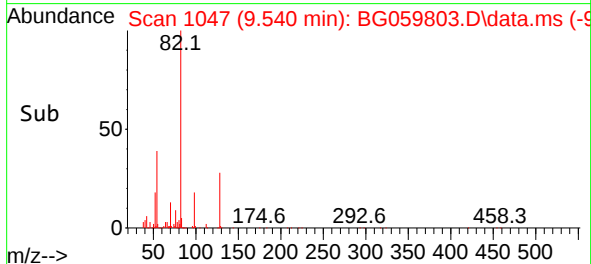
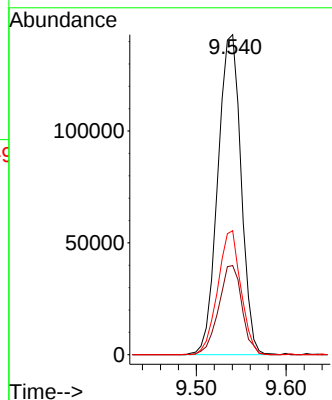
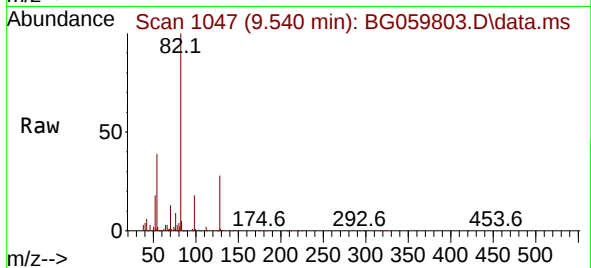
Tgt Ion: 82 Resp: 256842

Ion Ratio Lower Upper

82 100

128 27.8 23.0 34.6

54 38.7 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1971

Delta R.T. -0.002 min

Lab File: BG059803.D

Acq: 21 Nov 2023 22:26

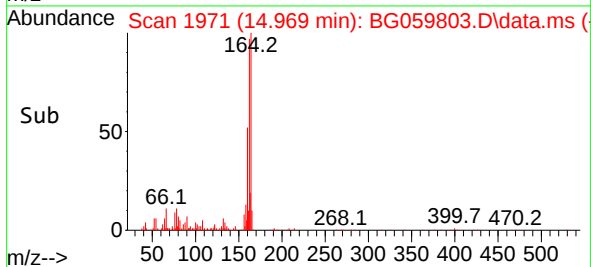
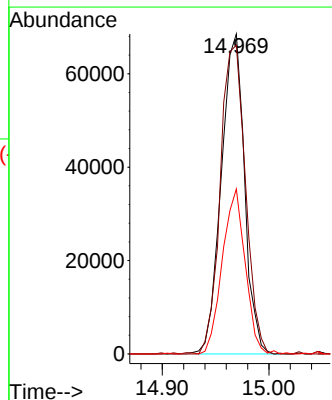
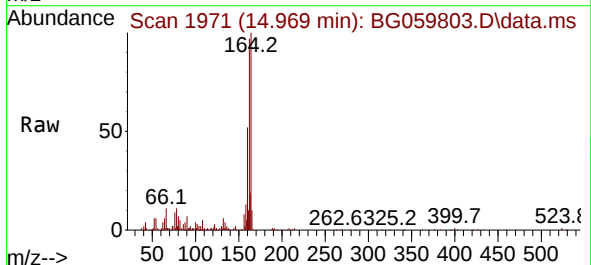
Tgt Ion:164 Resp: 103431

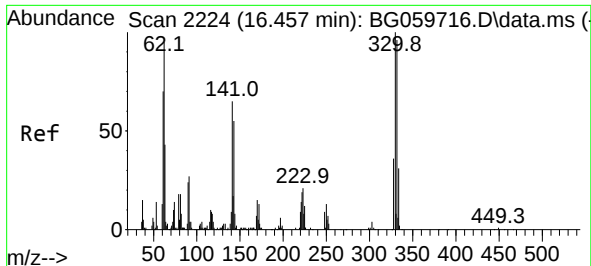
Ion Ratio Lower Upper

164 100

162 96.5 73.3 109.9

160 51.5 34.1 51.1#

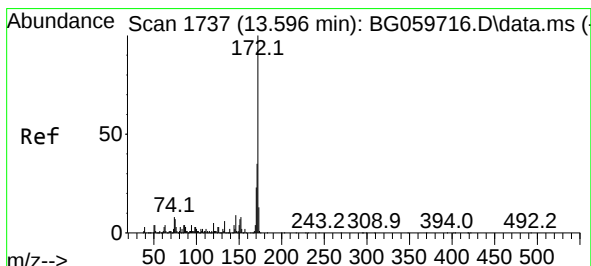
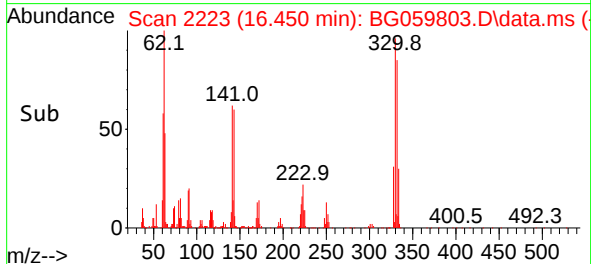
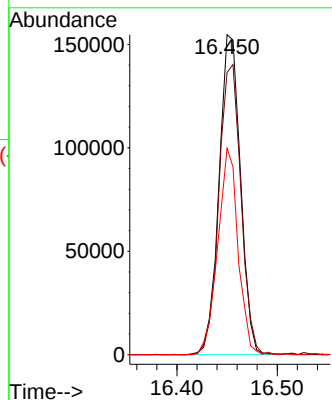
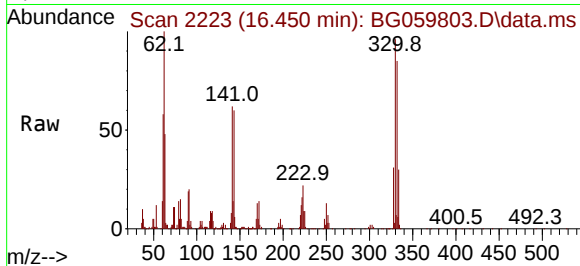




#42
2,4,6-Tribromophenol
Concen: 195.505 ng
RT: 16.450 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG059803.D
Acq: 21 Nov 2023 22:26

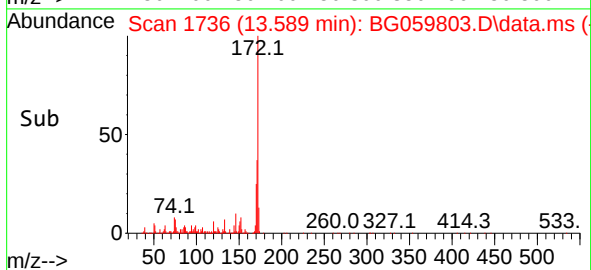
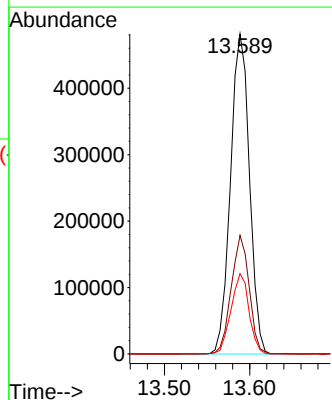
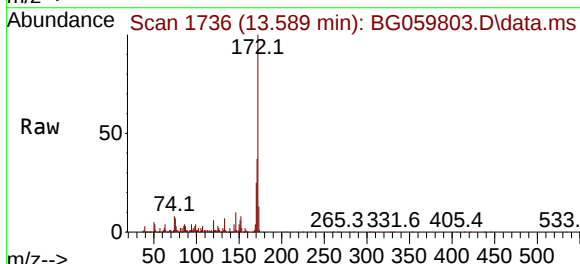
Instrument :
BNA_G
ClientSampleId :
223

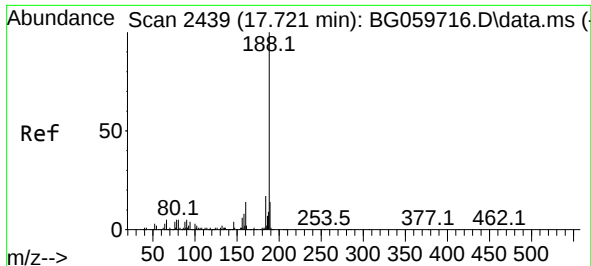
Tgt Ion:330 Resp: 229435
Ion Ratio Lower Upper
330 100
332 92.9 73.3 109.9
141 61.0 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 96.736 ng
RT: 13.589 min Scan# 1736
Delta R.T. -0.007 min
Lab File: BG059803.D
Acq: 21 Nov 2023 22:26

Tgt Ion:172 Resp: 743324
Ion Ratio Lower Upper
172 100
171 37.0 27.7 41.5
170 25.1 18.4 27.6

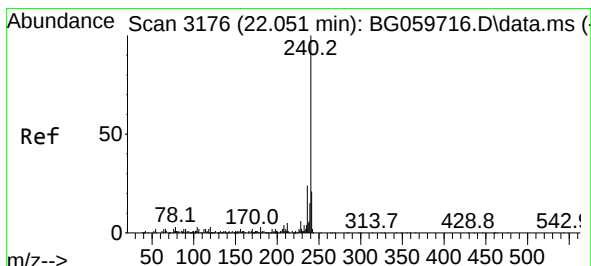
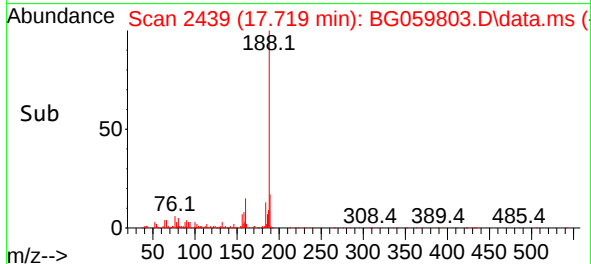
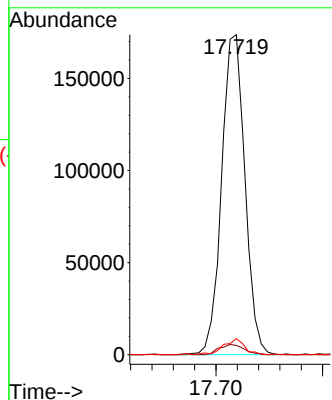
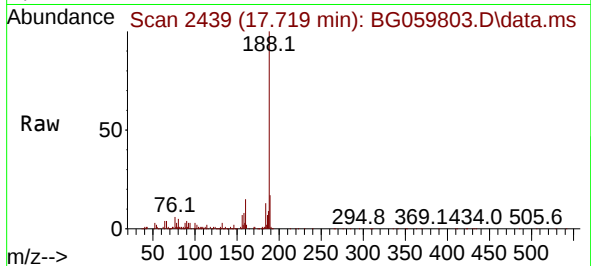




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG059803.D
Acq: 21 Nov 2023 22:26

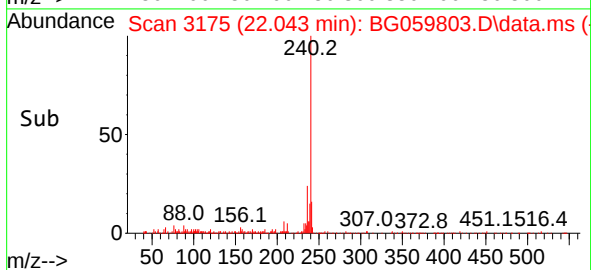
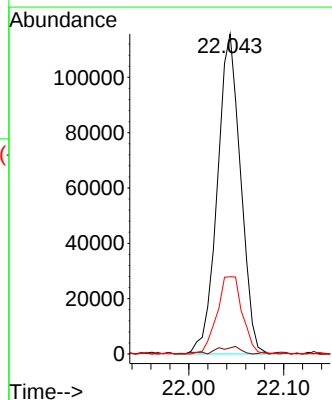
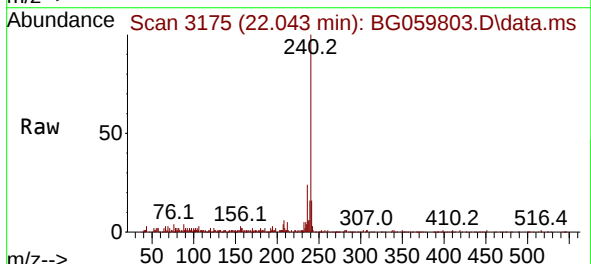
Instrument :
BNA_G
ClientSampleId :
223

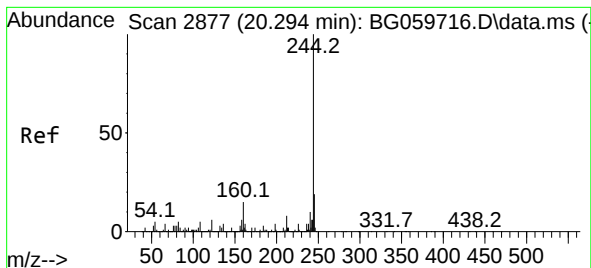
Tgt Ion:188 Resp: 262895
Ion Ratio Lower Upper
188 100
94 2.9 3.0 4.4#
80 5.0 4.2 6.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3175
Delta R.T. -0.007 min
Lab File: BG059803.D
Acq: 21 Nov 2023 22:26

Tgt Ion:240 Resp: 197299
Ion Ratio Lower Upper
240 100
120 1.9 2.2 3.2#
236 24.1 19.4 29.2





#79

Terphenyl-d14

Concen: 119.725 ng

RT: 20.293 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059803.D

Acq: 21 Nov 2023 22:26

Instrument :

BNA_G

ClientSampleId :

223

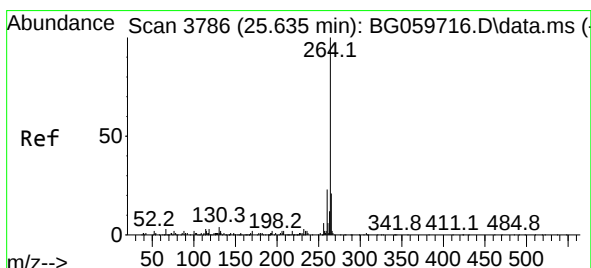
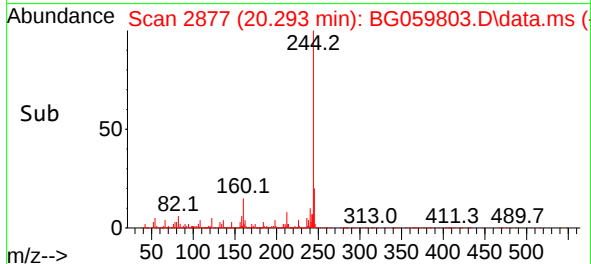
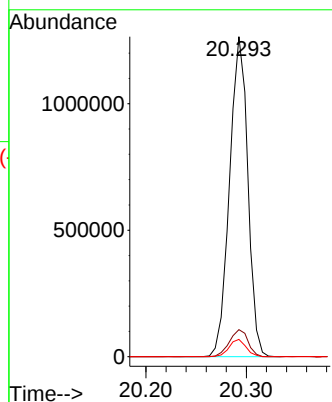
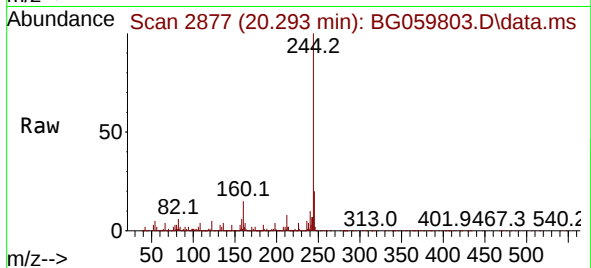
Tgt Ion:244 Resp: 1600108

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

122 5.4 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.627 min Scan# 3785

Delta R.T. -0.007 min

Lab File: BG059803.D

Acq: 21 Nov 2023 22:26

Tgt Ion:264 Resp: 231091

Ion Ratio Lower Upper

264 100

260 24.7 18.5 27.7

265 17.7 17.0 25.6

