

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059857.D
 Acq On : 24 Nov 2023 13:51
 Operator : MA/JU
 Sample : 05412-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1

Quant Time: Nov 24 14:29:11 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)

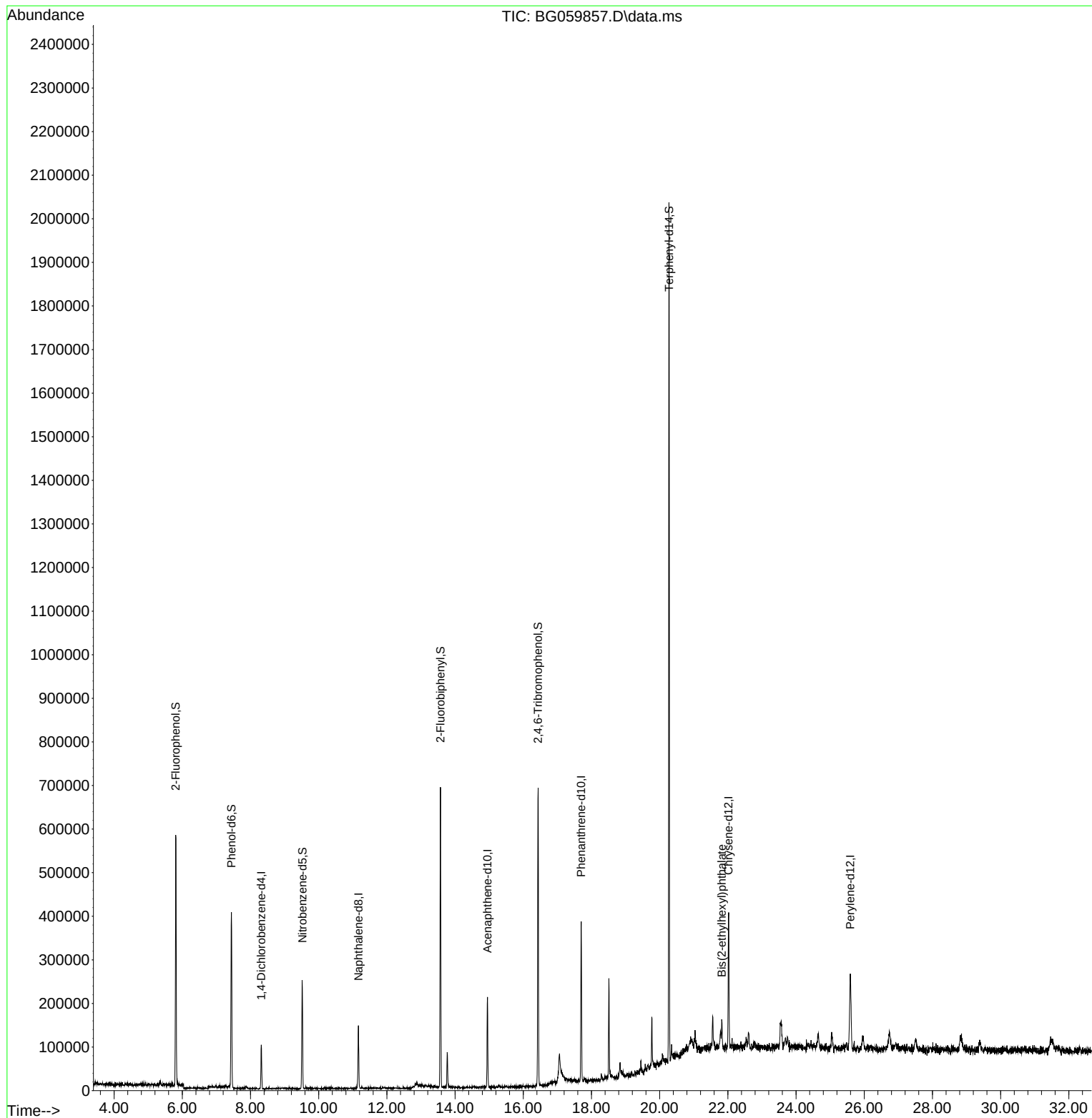
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	20712	20.000	ng	-0.03
21) Naphthalene-d8	11.167	136	95315	20.000	ng	#-0.03
39) Acenaphthene-d10	14.951	164	65594	20.000	ng	#-0.02
64) Phenanthrene-d10	17.701	188	206274	20.000	ng	#-0.02
76) Chrysene-d12	22.019	240	175501	20.000	ng	#-0.03
86) Perylene-d12	25.591	264	199476	20.000	ng	#-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	203014	164.977	ng	-0.02
7) Phenol-d6	7.442	99	195639	107.284	ng	-0.01
23) Nitrobenzene-d5	9.522	82	151889	60.861	ng	-0.02
42) 2,4,6-Tribromophenol	16.438	330	93472	125.593	ng	-0.02
45) 2-Fluorobiphenyl	13.570	172	295999	60.742	ng	-0.03
79) Terphenyl-d14	20.274	244	803846	67.616	ng	-0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.825	149	29634	4.329	ng	Qvalue # 88

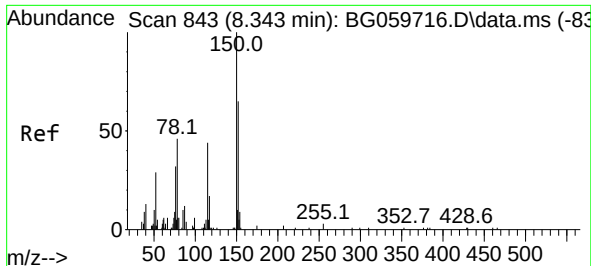
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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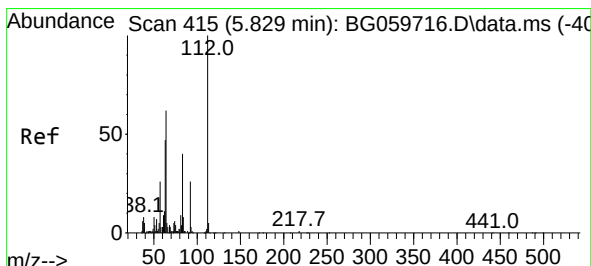
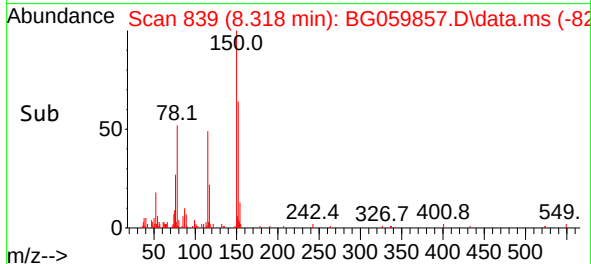
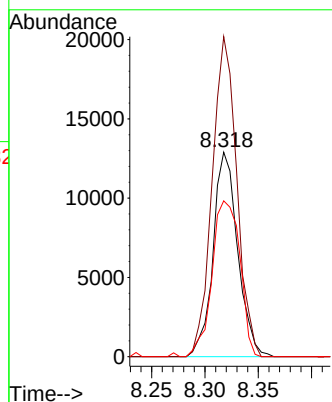
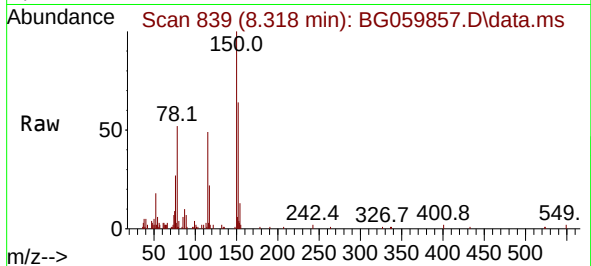




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. -0.025 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

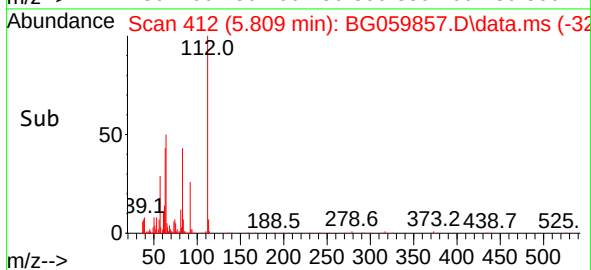
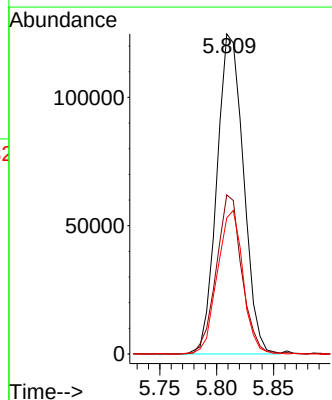
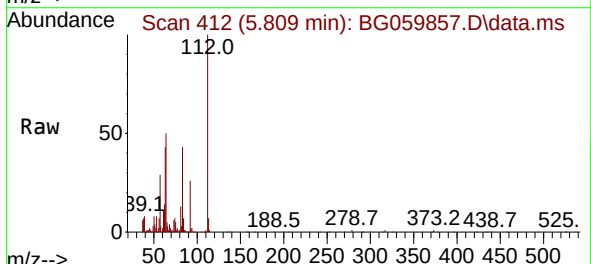
Instrument :
BNA_G
ClientSampleId :
MH-1

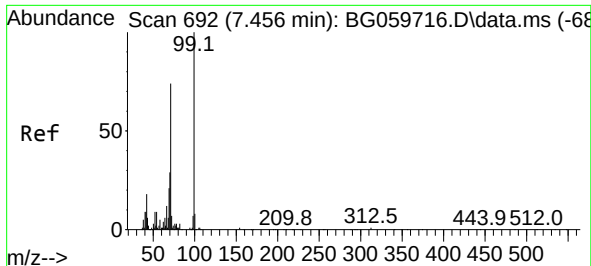
Tgt Ion:152 Resp: 20712
Ion Ratio Lower Upper
152 100
150 156.4 122.2 183.4
115 76.2 54.2 81.4



#5
2-Fluorophenol
Concen: 164.977 ng
RT: 5.809 min Scan# 412
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion:112 Resp: 203014
Ion Ratio Lower Upper
112 100
64 49.7 49.5 74.3
63 42.5 37.4 56.2

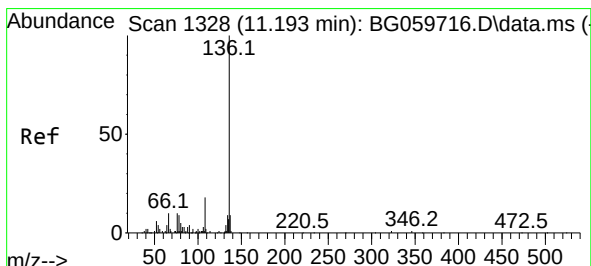
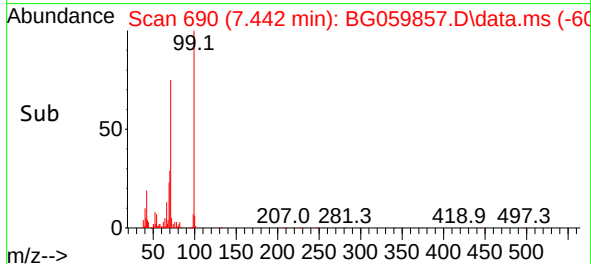
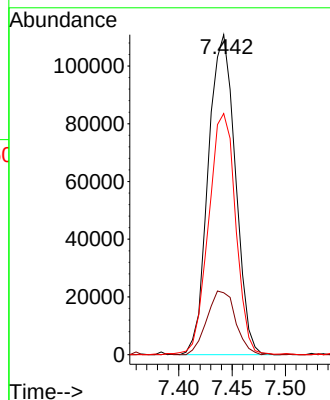
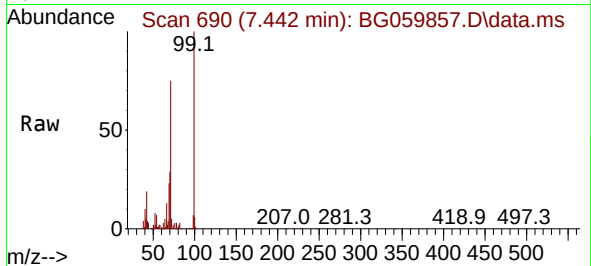




#7
Phenol-d6
Concen: 107.284 ng
RT: 7.442 min Scan# 692
Delta R.T. -0.014 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

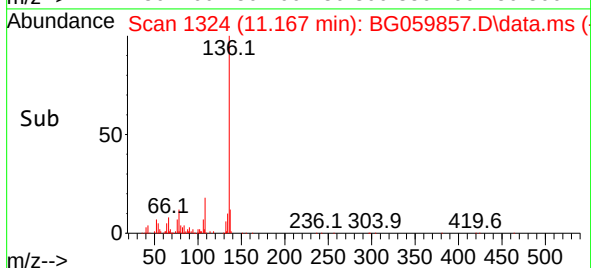
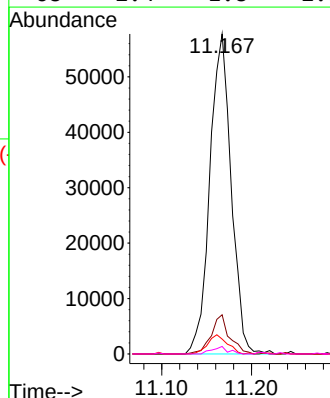
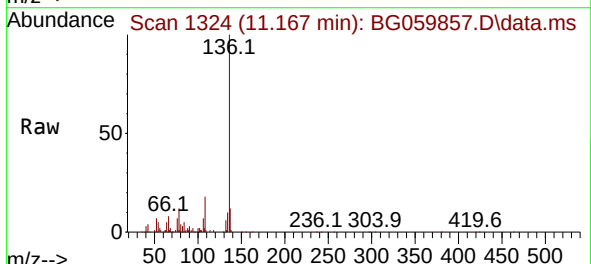
Instrument :
BNA_G
ClientSampleId :
MH-1

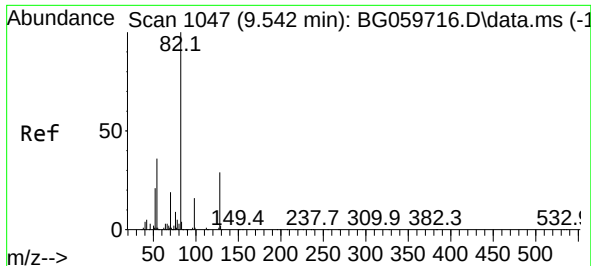
Tgt Ion: 99 Resp: 195639
Ion Ratio Lower Upper
99 100
42 19.3 14.3 21.5
71 75.3 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1324
Delta R.T. -0.026 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion: 136 Resp: 95315
Ion Ratio Lower Upper
136 100
137 12.2 7.4 11.0#
54 4.7 3.1 4.7
68 2.4 1.8 2.8

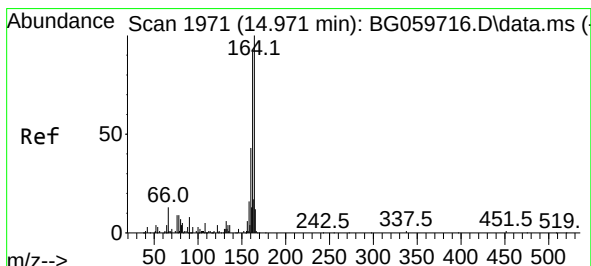
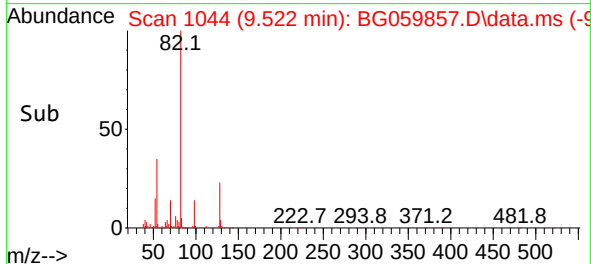
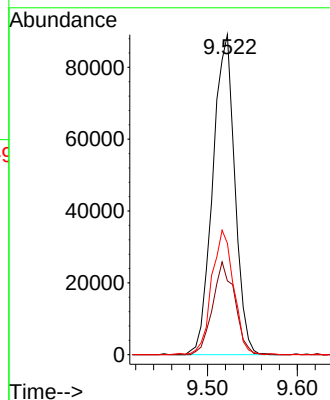
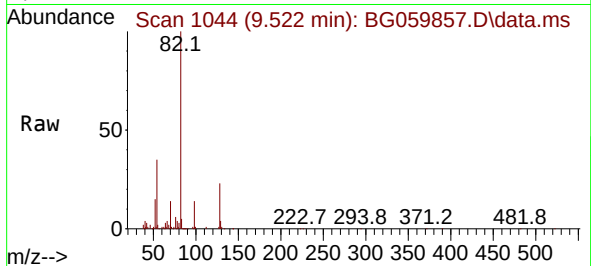




#23
Nitrobenzene-d5
Concen: 60.861 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

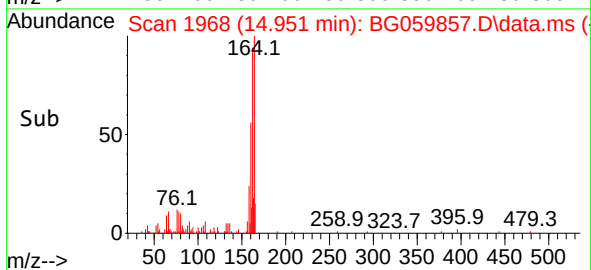
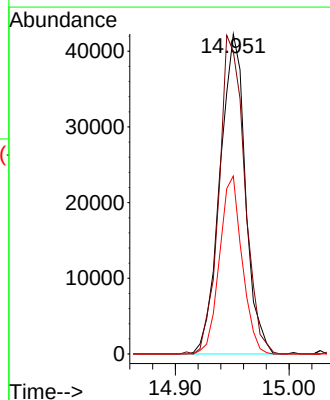
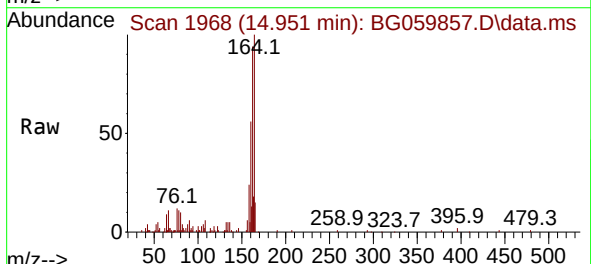
Instrument :
BNA_G
ClientSampleId :
MH-1

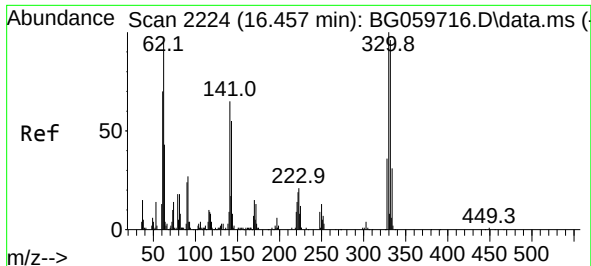
Tgt Ion: 82 Resp: 151889
Ion Ratio Lower Upper
82 100
128 23.1 23.0 34.6
54 34.8 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion:164 Resp: 65594
Ion Ratio Lower Upper
164 100
162 94.5 73.3 109.9
160 55.6 34.1 51.1#

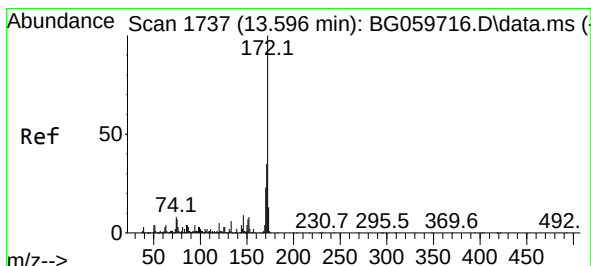
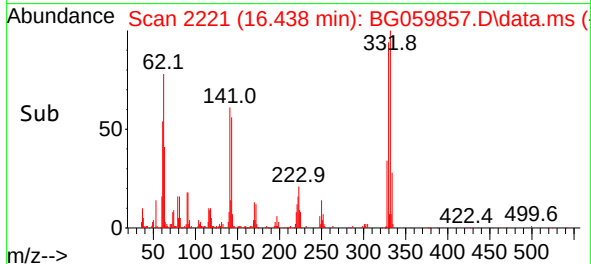
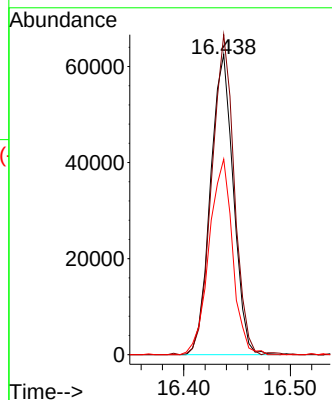
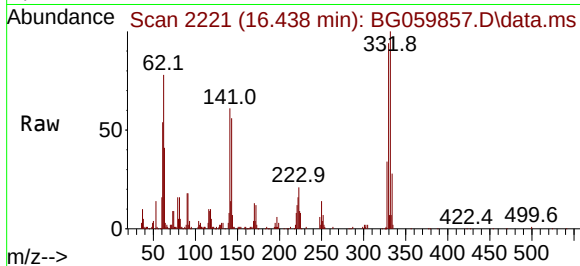




#42
2,4,6-Tribromophenol
Concen: 125.593 ng
RT: 16.438 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

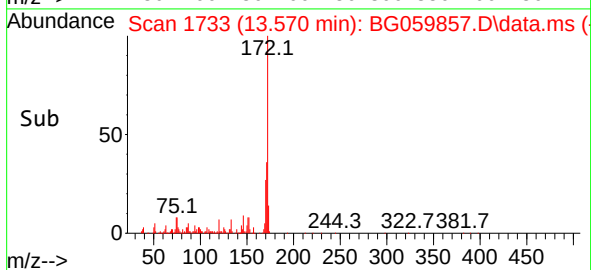
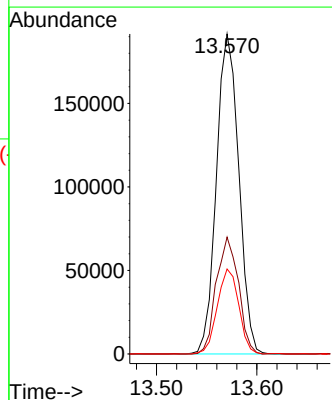
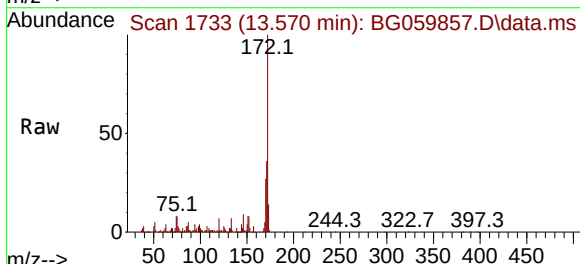
Instrument :
BNA_G
ClientSampleId :
MH-1

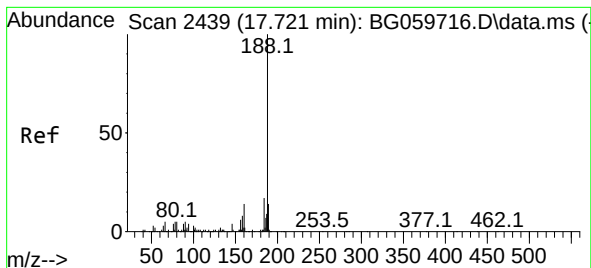
Tgt Ion:330 Resp: 93472
Ion Ratio Lower Upper
330 100
332 104.3 73.3 109.9
141 66.5 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 60.742 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.026 min
Lab File: BG059857.D
Acq: 24 Nov 2023 13:51

Tgt Ion:172 Resp: 295999
Ion Ratio Lower Upper
172 100
171 36.5 27.7 41.5
170 26.6 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2439

Delta R.T. -0.020 min

Lab File: BG059857.D

Acq: 24 Nov 2023 13:51

Instrument :

BNA_G

ClientSampleId :

MH-1

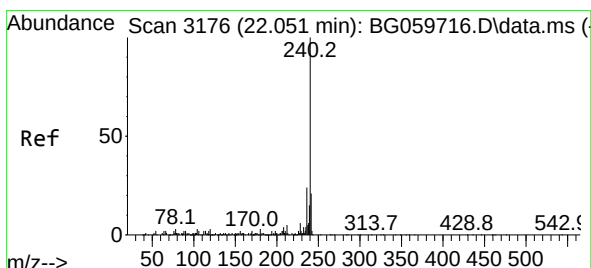
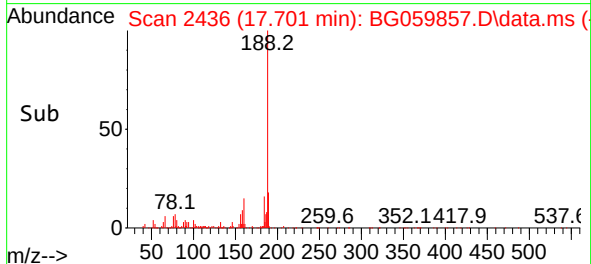
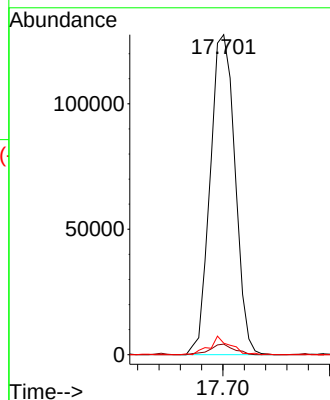
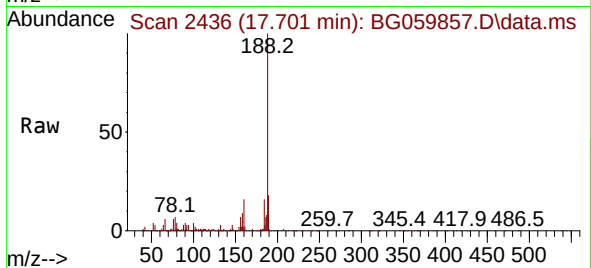
Tgt Ion:188 Resp: 206274

Ion Ratio Lower Upper

188 100

94 3.3 3.0 4.4

80 3.6 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 3171

Delta R.T. -0.032 min

Lab File: BG059857.D

Acq: 24 Nov 2023 13:51

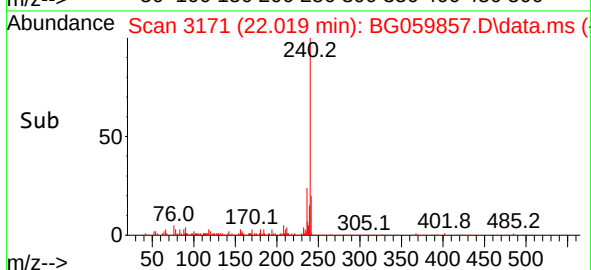
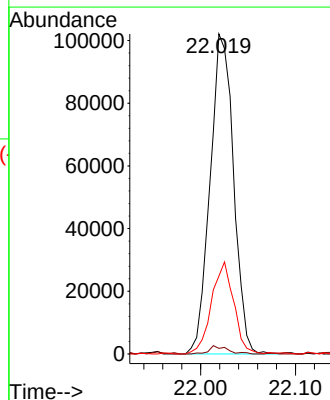
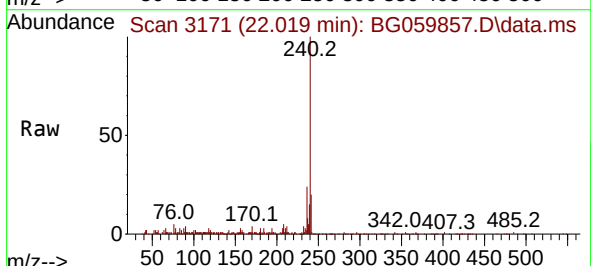
Tgt Ion:240 Resp: 175501

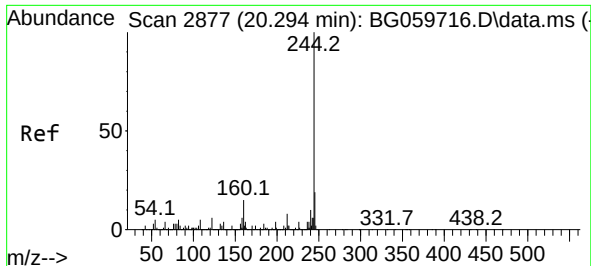
Ion Ratio Lower Upper

240 100

120 1.7 2.2 3.2#

236 24.3 19.4 29.2





#79

Terphenyl-d14

Concen: 67.616 ng

RT: 20.274 min Scan# 21

Delta R.T. -0.020 min

Lab File: BG059857.D

Acq: 24 Nov 2023 13:51

Instrument :

BNA_G

ClientSampleId :

MH-1

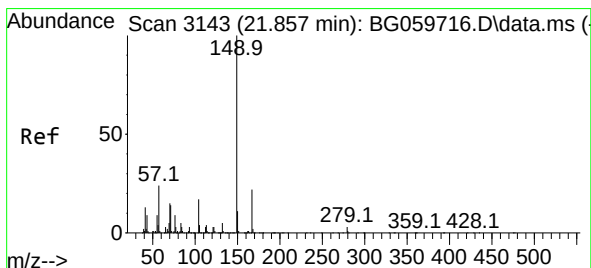
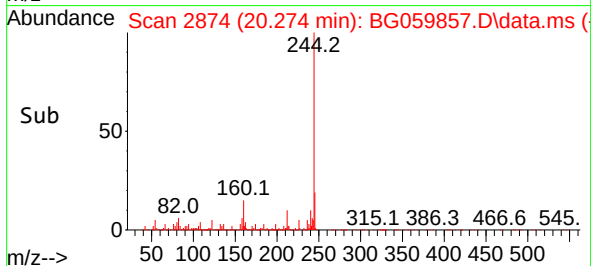
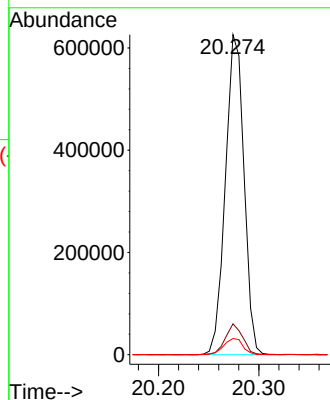
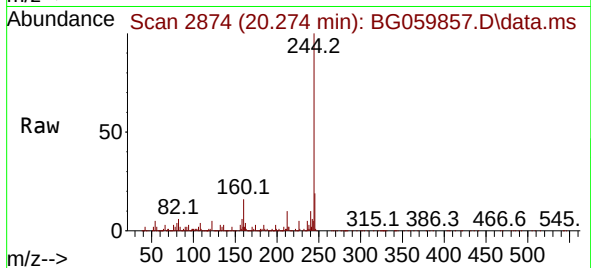
Tgt Ion:244 Resp: 803846

Ion Ratio Lower Upper

244 100

212 9.7 6.6 10.0

122 5.0 4.4 6.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.329 ng

RT: 21.825 min Scan# 3138

Delta R.T. -0.032 min

Lab File: BG059857.D

Acq: 24 Nov 2023 13:51

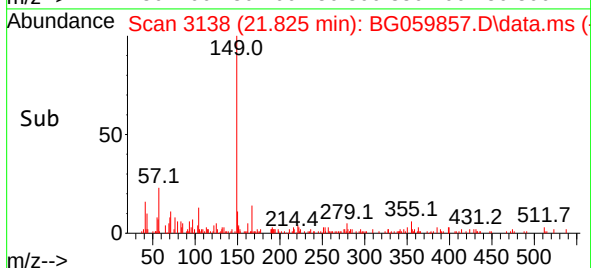
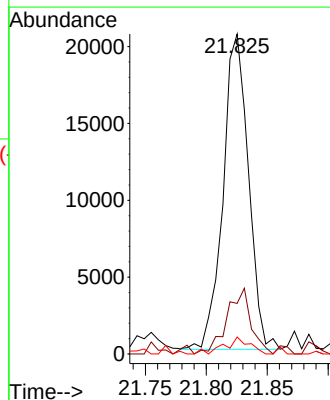
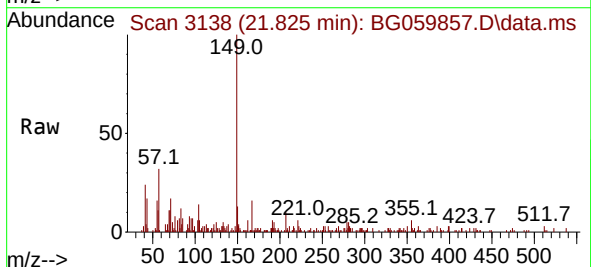
Tgt Ion:149 Resp: 29634

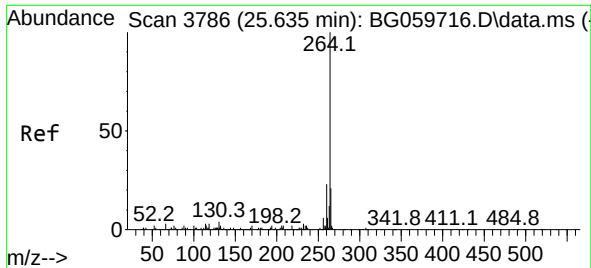
Ion Ratio Lower Upper

149 100

167 15.8 17.6 26.4#

279 5.3 2.7 4.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.591 min Scan# 31
Delta R.T. -0.043 min
Lab File: BG059857.D
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Tgt Ion:264 Resp: 199476
Ion Ratio Lower Upper
264 100
260 27.9 18.5 27.7#
265 24.8 17.0 25.6

