

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059764.D
 Acq On : 18 Nov 2023 14:32
 Operator : MA/JU
 Sample : 05385-01 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-02-11102023

Quant Time: Nov 20 04:43:35 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	8.347	152	28575	20.000	ng	# 0.00
21) Naphthalene-d8	11.191	136	139724	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	120204	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	233023	20.000	ng	# 0.00
76) Chrysene-d12	22.055	240	186010	20.000	ng	0.00
86) Perylene-d12	25.651	264	178302	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	39882	23.491	ng	0.00
7) Phenol-d6	7.460	99	60779	24.158	ng	0.00
23) Nitrobenzene-d5	9.540	82	59932	16.382	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	37625	27.587	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	165935	18.581	ng	0.00
79) Terphenyl-d14	20.298	244	229281	18.197	ng	0.00

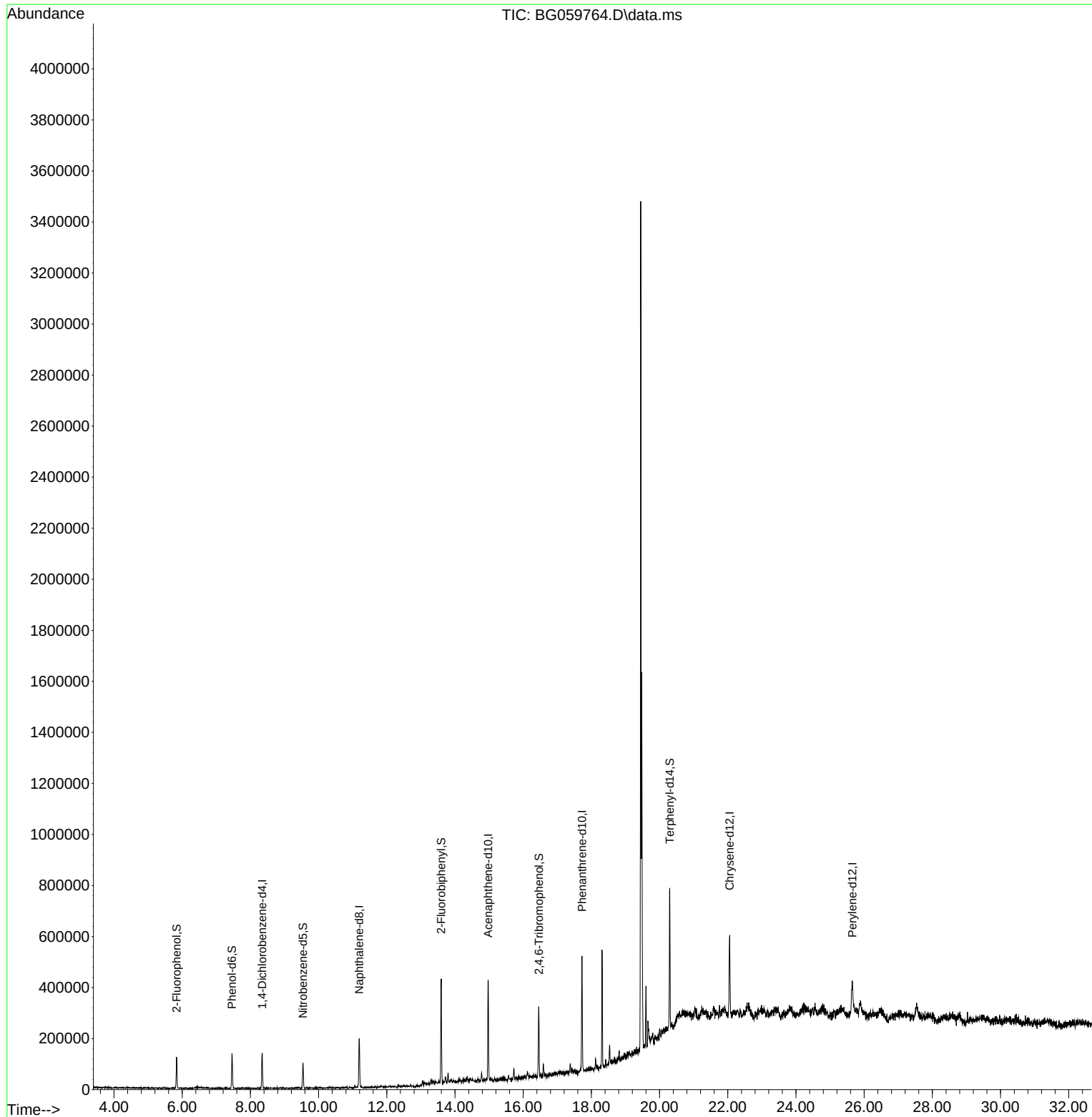
Target Compounds	Qvalue

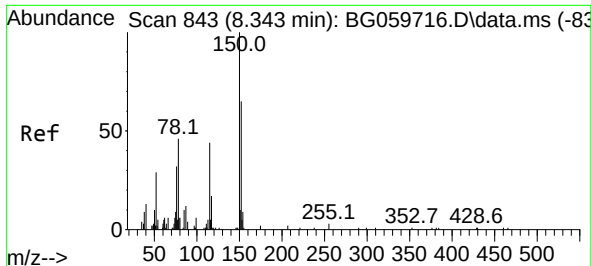
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059764.D
Acq On : 18 Nov 2023 14:32
Operator : MA/JU
Sample : 05385-01 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-11102023

Quant Time: Nov 20 04:43:35 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

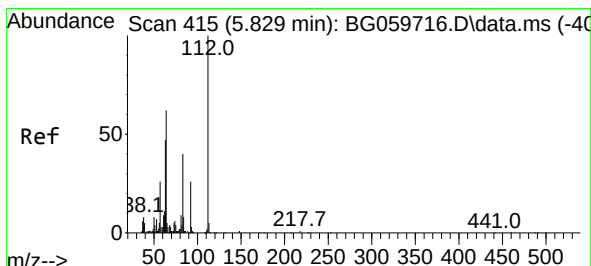
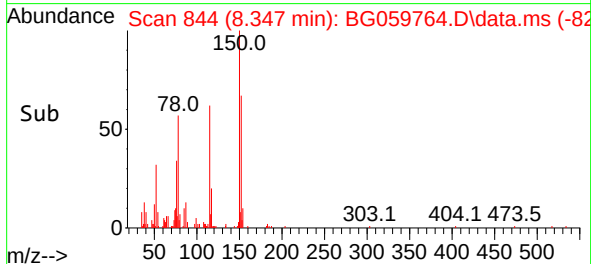
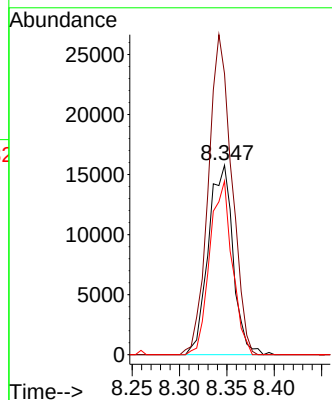
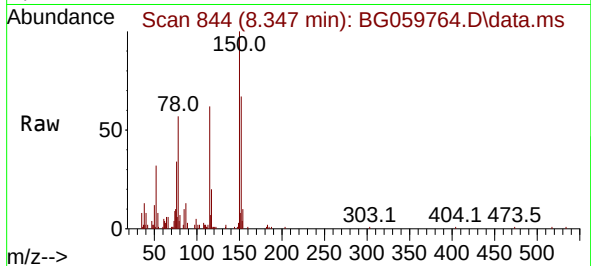




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 843
Delta R.T. 0.004 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

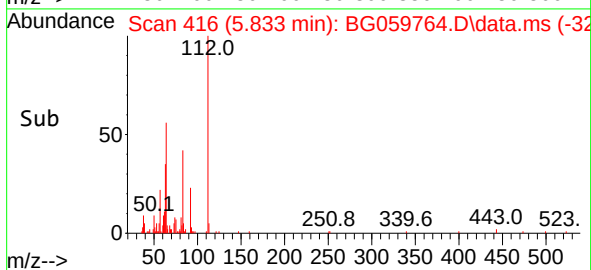
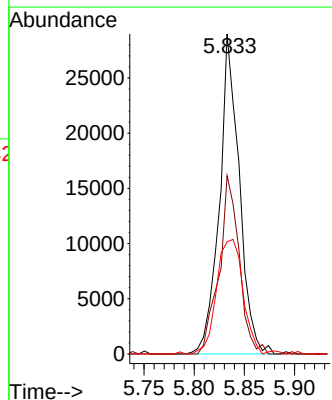
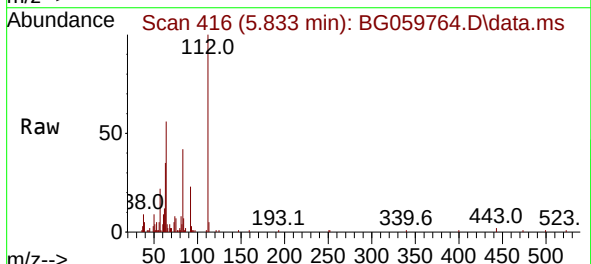
Instrument :
BNA_G
ClientSampleId :
HR-02-11102023

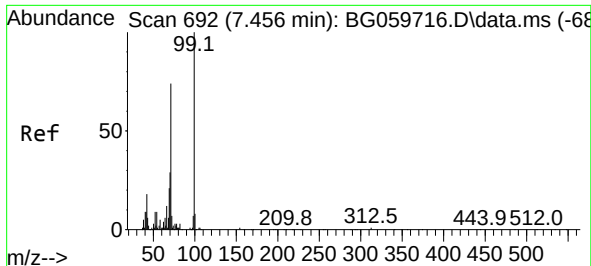
Tgt Ion:152 Resp: 28575
Ion Ratio Lower Upper
152 100
150 148.2 122.2 183.4
115 91.6 54.2 81.4#



#5
2-Fluorophenol
Concen: 23.491 ng
RT: 5.833 min Scan# 416
Delta R.T. 0.004 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

Tgt Ion:112 Resp: 39882
Ion Ratio Lower Upper
112 100
64 55.7 49.5 74.3
63 35.0 37.4 56.2#

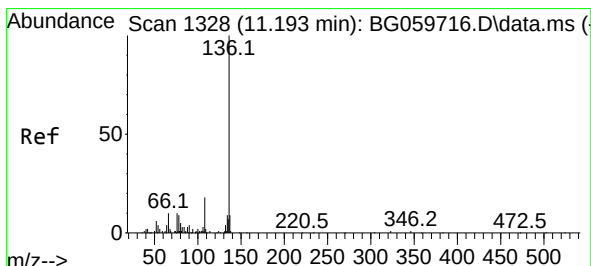
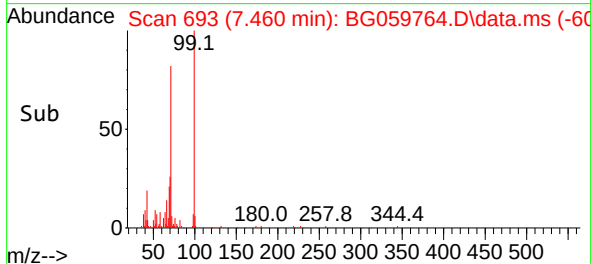
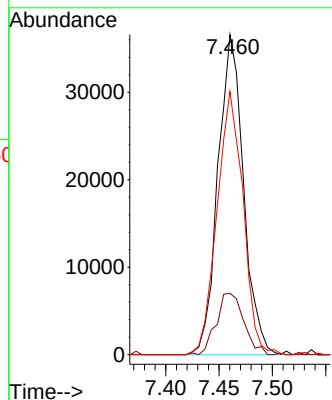
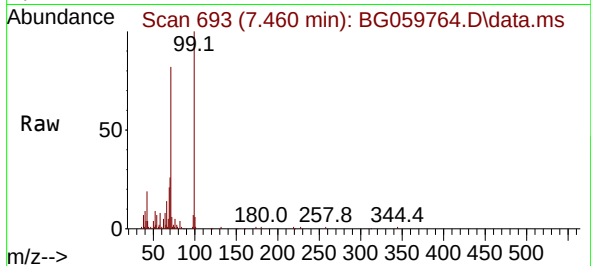




#7
Phenol-d6
Concen: 24.158 ng
RT: 7.460 min Scan# 693
Delta R.T. 0.004 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

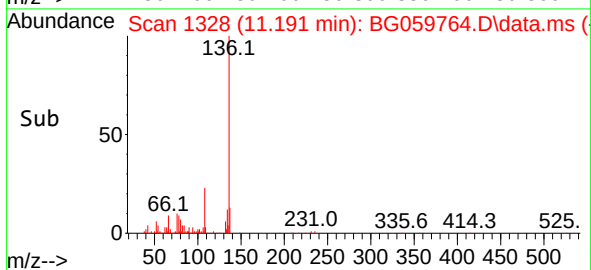
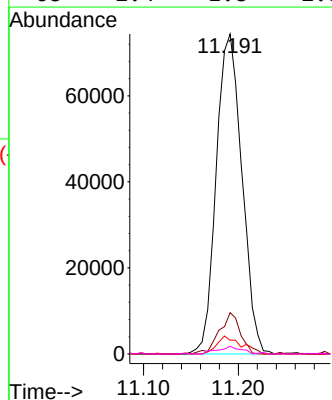
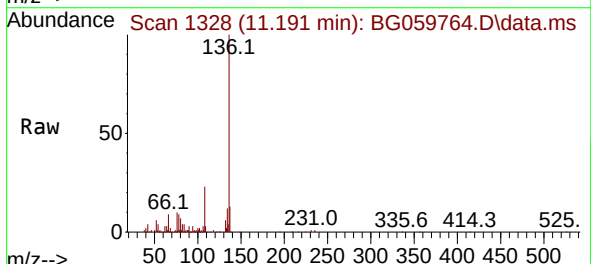
Instrument :
BNA_G
ClientSampleId :
HR-02-11102023

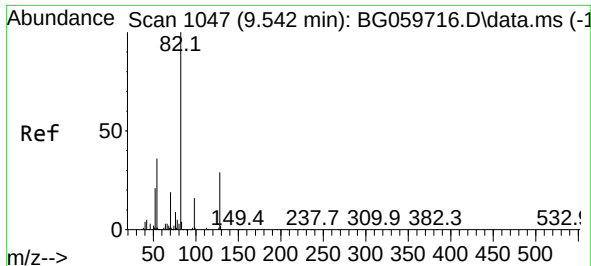
Tgt Ion: 99 Resp: 60779
Ion Ratio Lower Upper
99 100
42 19.2 14.3 21.5
71 82.2 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1328
Delta R.T. -0.002 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

Tgt Ion: 136 Resp: 139724
Ion Ratio Lower Upper
136 100
137 12.9 7.4 11.0#
54 4.3 3.1 4.7
68 2.4 1.8 2.8

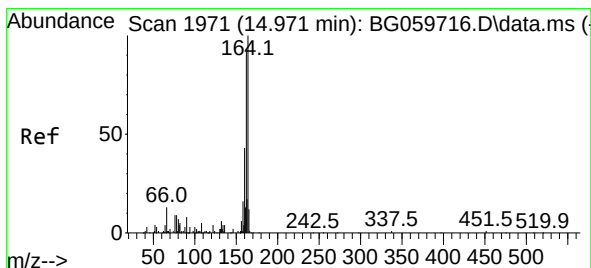
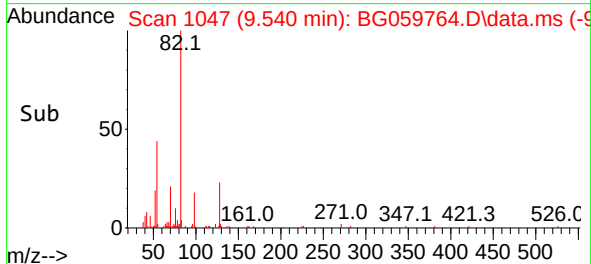
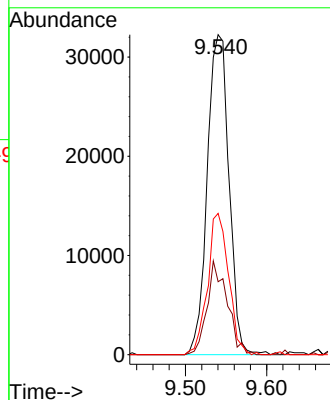
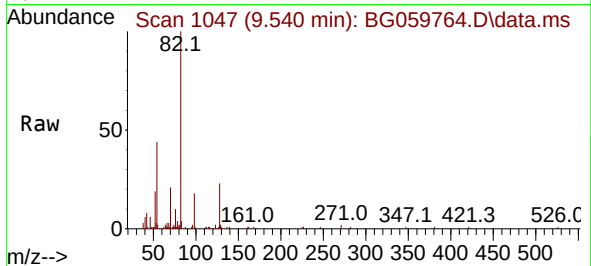




#23
 Nitrobenzene-d5
 Concen: 16.382 ng
 RT: 9.540 min Scan# 1047
 Delta R.T. -0.002 min
 Lab File: BG059764.D
 Acq: 18 Nov 2023 14:32

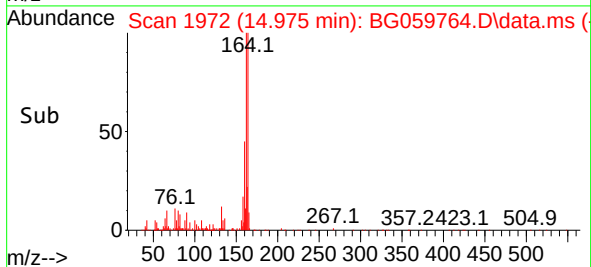
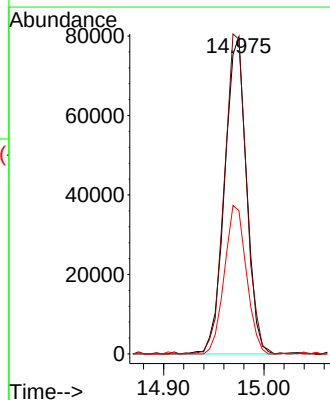
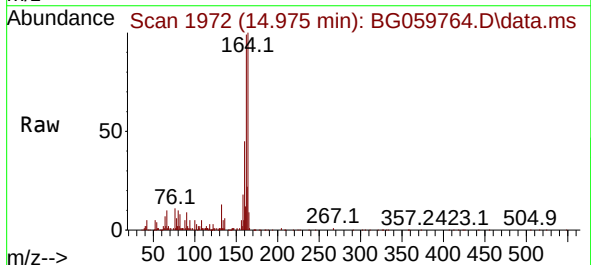
Instrument :
 BNA_G
 ClientSampleId :
 HR-02-11102023

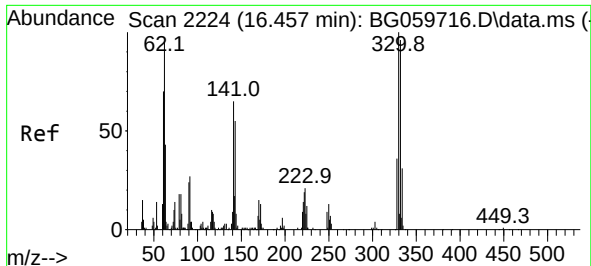
Tgt Ion: 82 Resp: 59932
 Ion Ratio Lower Upper
 82 100
 128 22.8 23.0 34.6#
 54 44.1 28.7 43.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.975 min Scan# 1972
 Delta R.T. 0.004 min
 Lab File: BG059764.D
 Acq: 18 Nov 2023 14:32

Tgt Ion:164 Resp: 120204
 Ion Ratio Lower Upper
 164 100
 162 99.1 73.3 109.9
 160 45.2 34.1 51.1

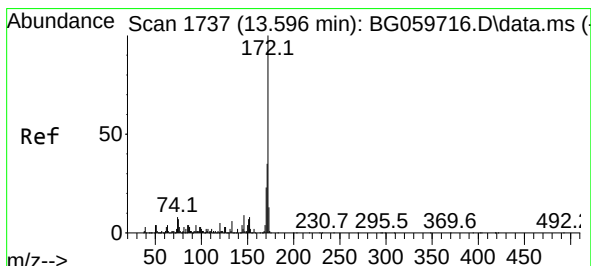
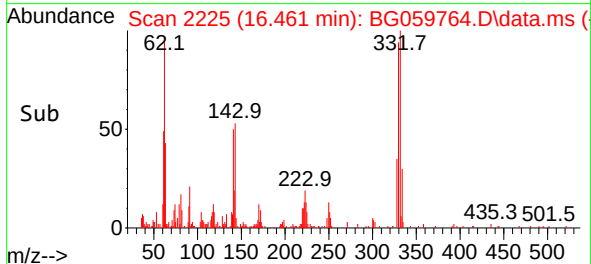
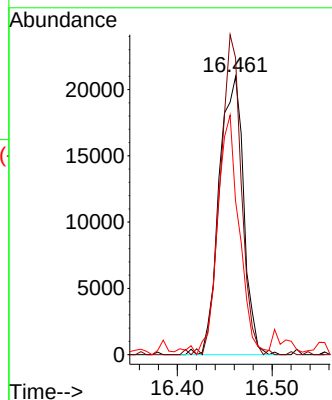
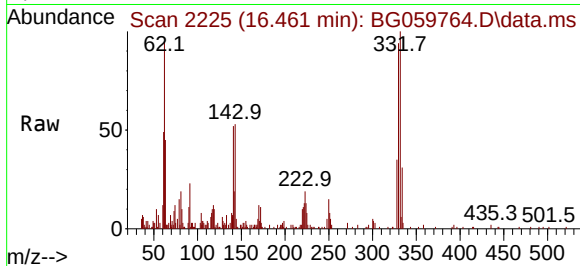




#42
2,4,6-Tribromophenol
Concen: 27.587 ng
RT: 16.461 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

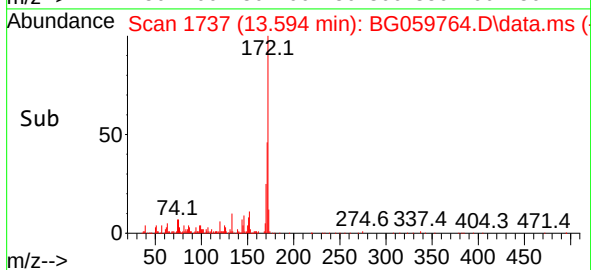
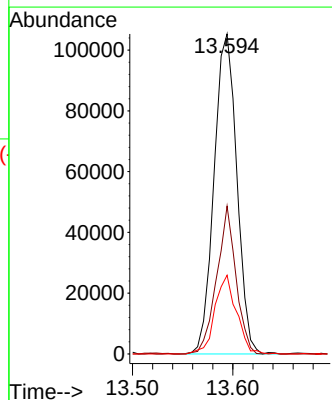
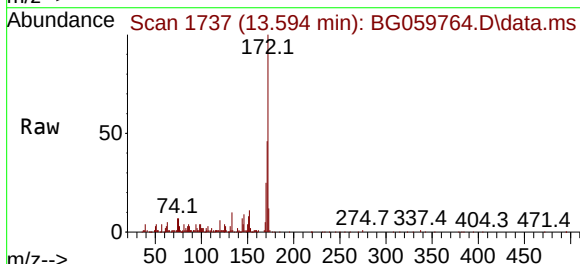
Instrument :
BNA_G
ClientSampleId :
HR-02-11102023

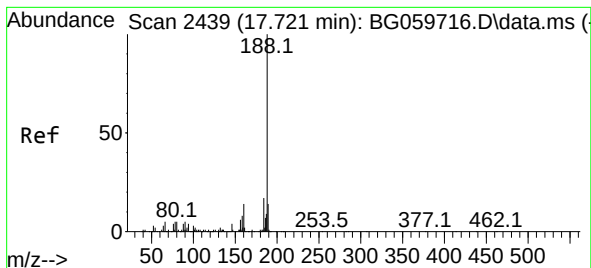
Tgt Ion:330 Resp: 37625
Ion Ratio Lower Upper
330 100
332 98.8 73.3 109.9
141 77.4 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 18.581 ng
RT: 13.594 min Scan# 1737
Delta R.T. -0.002 min
Lab File: BG059764.D
Acq: 18 Nov 2023 14:32

Tgt Ion:172 Resp: 165935
Ion Ratio Lower Upper
172 100
171 46.2 27.7 41.5#
170 24.6 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.725 min Scan# 24

Delta R.T. 0.004 min

Lab File: BG059764.D

Acq: 18 Nov 2023 14:32

Instrument :

BNA_G

ClientSampleId :

HR-02-11102023

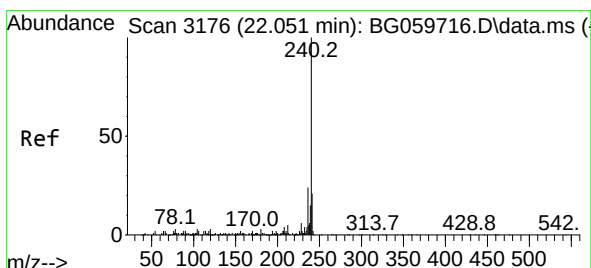
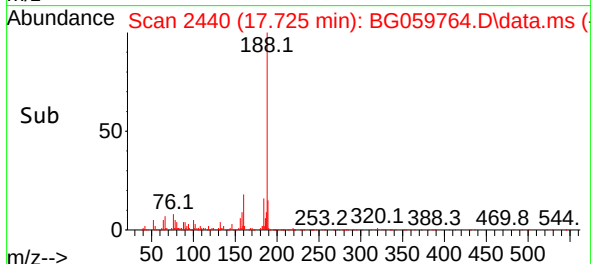
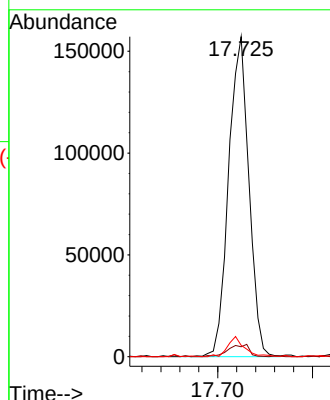
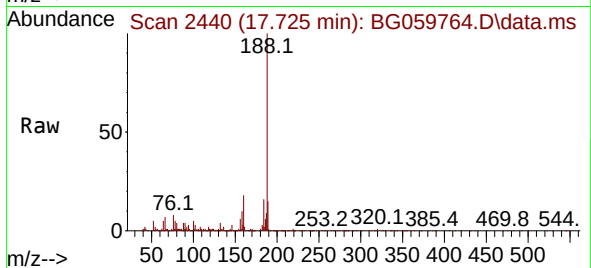
Tgt Ion:188 Resp: 233023

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

80 3.6 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.055 min Scan# 3177

Delta R.T. 0.004 min

Lab File: BG059764.D

Acq: 18 Nov 2023 14:32

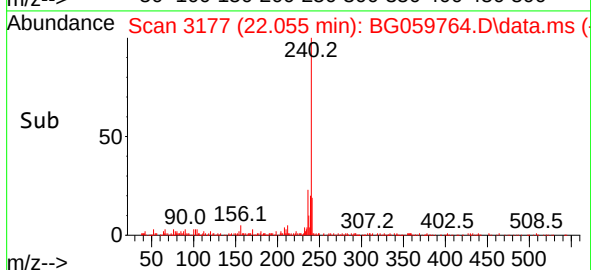
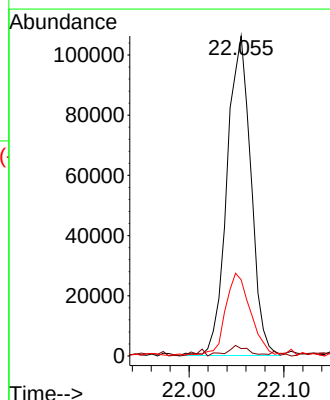
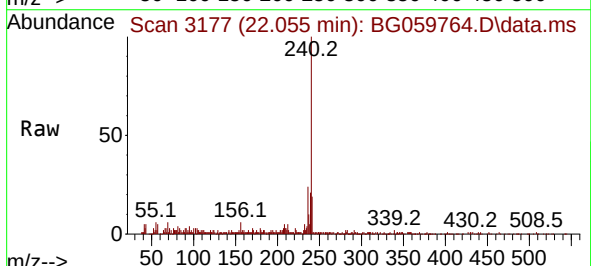
Tgt Ion:240 Resp: 186010

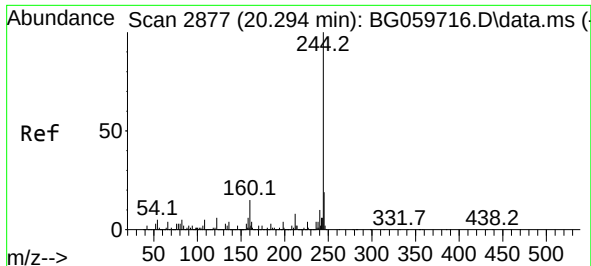
Ion Ratio Lower Upper

240 100

120 2.3 2.2 3.2

236 23.8 19.4 29.2

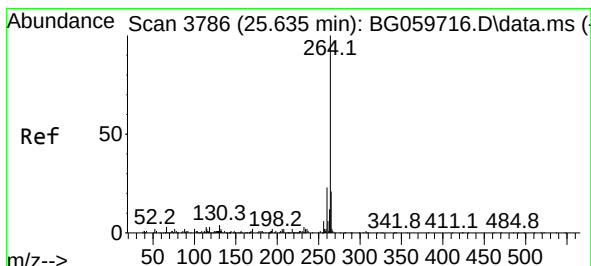
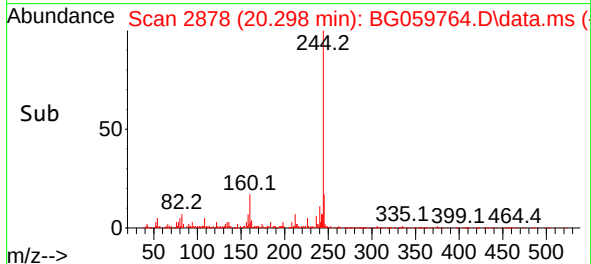
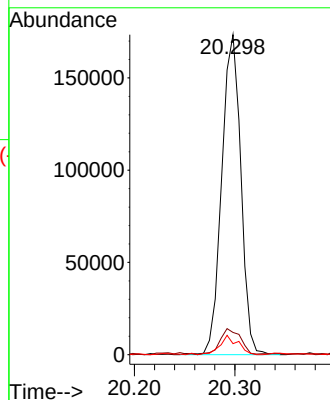
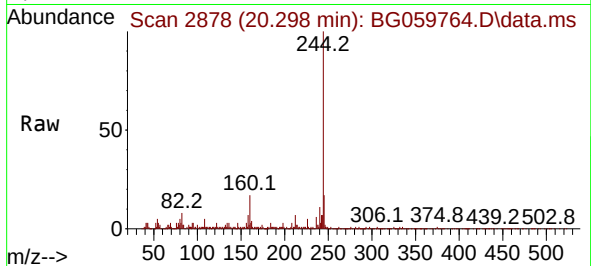




#79
 Terphenyl-d14
 Concen: 18.197 ng
 RT: 20.298 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG059764.D
 Acq: 18 Nov 2023 14:32

Instrument :
 BNA_G
 ClientSampleId :
 HR-02-11102023

Tgt Ion:244 Resp: 229281
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 10.0
 122 3.5 4.4 6.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.651 min Scan# 3789
 Delta R.T. 0.016 min
 Lab File: BG059764.D
 Acq: 18 Nov 2023 14:32

Tgt Ion:264 Resp: 178302
 Ion Ratio Lower Upper
 264 100
 260 28.0 18.5 27.7#
 265 23.9 17.0 25.6

