

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059761.D
 Acq On : 18 Nov 2023 12:31
 Operator : MA/JU
 Sample : 05401-01 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 04:42:23 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	8.341	152	30009	20.000	ng	# 0.00
21) Naphthalene-d8	11.190	136	136528	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	127041	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	242429	20.000	ng	# 0.00
76) Chrysene-d12	22.048	240	192574	20.000	ng	# 0.00
86) Perylene-d12	25.644	264	234154	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	22225	12.466	ng	0.00
7) Phenol-d6	7.460	99	37962	14.368	ng	0.00
23) Nitrobenzene-d5	9.539	82	35436	9.913	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	24446	16.959	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	97673	10.349	ng	0.00
79) Terphenyl-d14	20.292	244	133520	10.235	ng	0.00

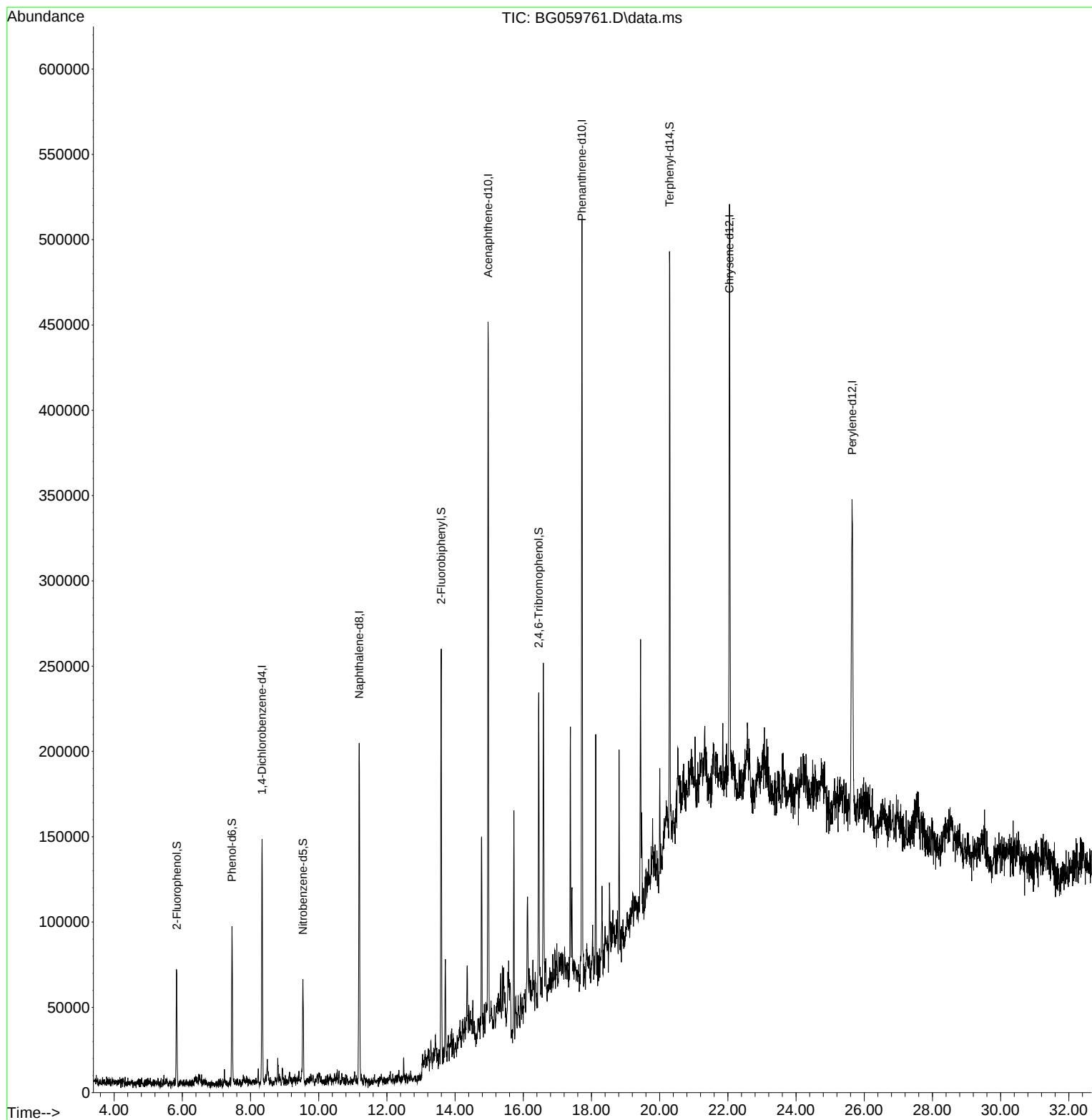
Target Compounds	Qvalue

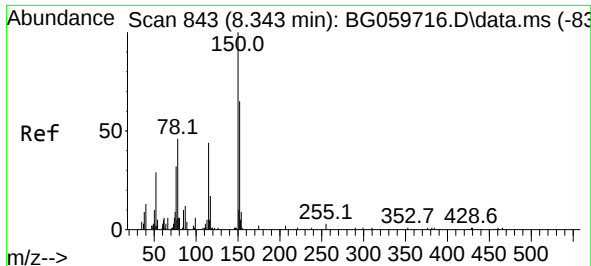
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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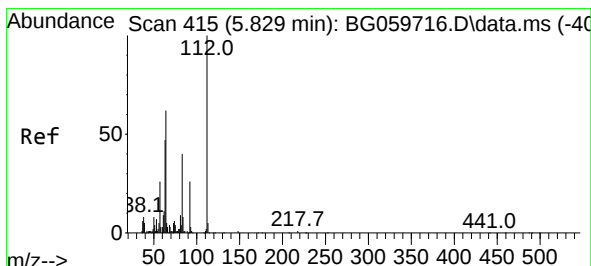
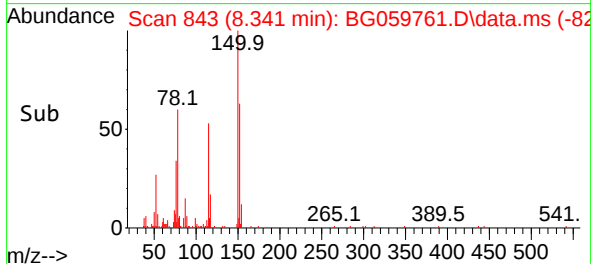
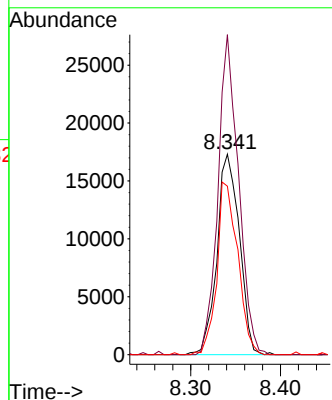
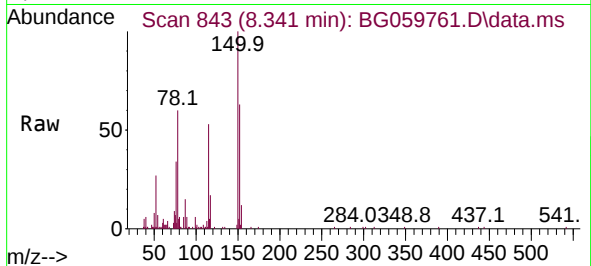




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.341 min Scan# 843
 Delta R.T. -0.002 min
 Lab File: BG059761.D
 Acq: 18 Nov 2023 12:31

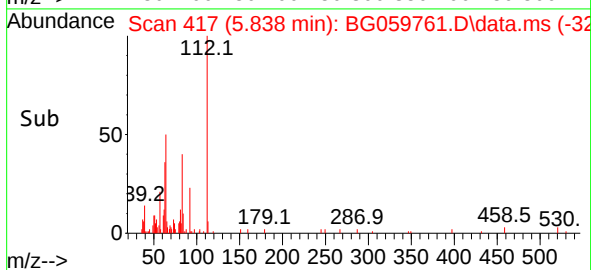
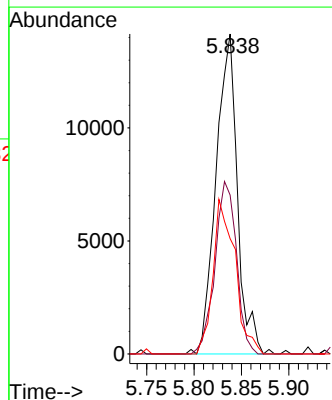
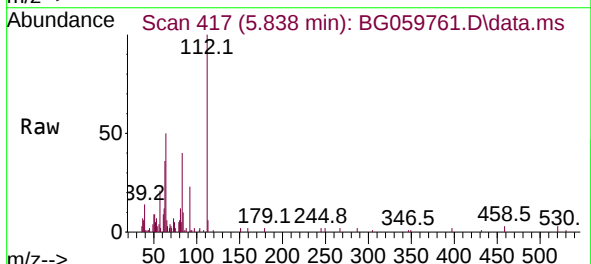
Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:152 Resp: 30009
 Ion Ratio Lower Upper
 152 100
 150 159.6 122.2 183.4
 115 84.0 54.2 81.4#



#5
 2-Fluorophenol
 Concen: 12.466 ng
 RT: 5.838 min Scan# 417
 Delta R.T. 0.009 min
 Lab File: BG059761.D
 Acq: 18 Nov 2023 12:31

Tgt Ion:112 Resp: 22225
 Ion Ratio Lower Upper
 112 100
 64 49.7 49.5 74.3
 63 36.0 37.4 56.2#

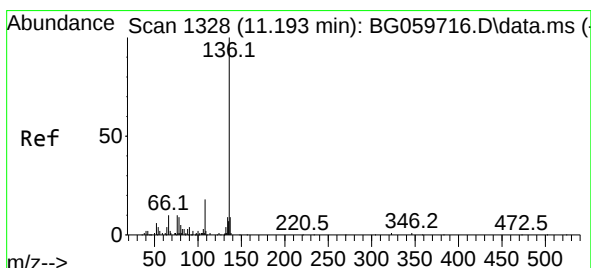
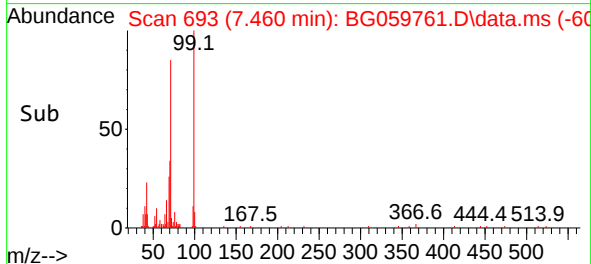
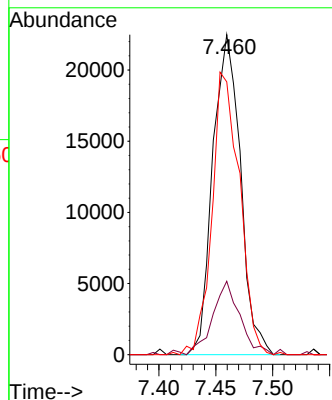
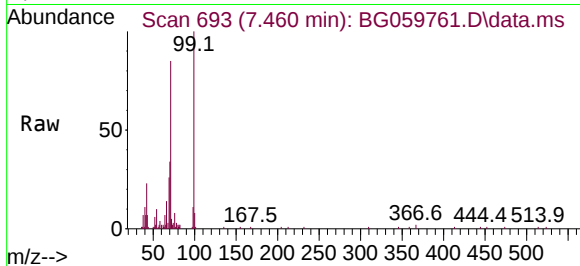




#7
Phenol-d6
Concen: 14.368 ng
RT: 7.460 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059761.D
Acq: 18 Nov 2023 12:31

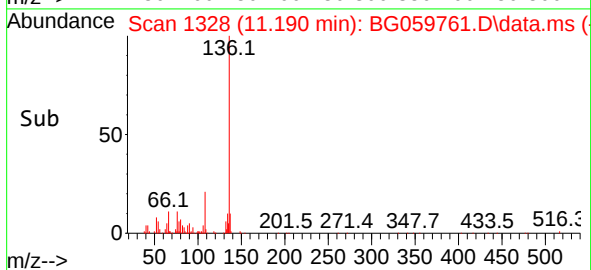
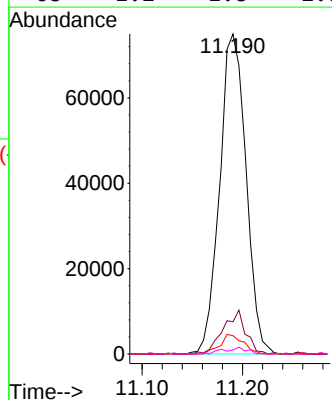
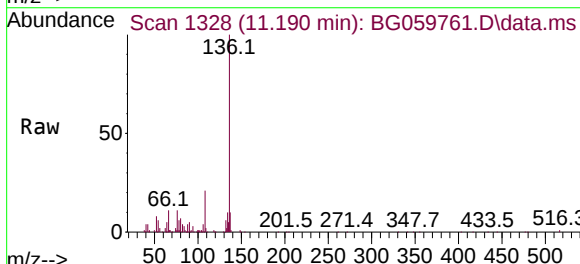
Instrument :
BNA_G
ClientSampleId :

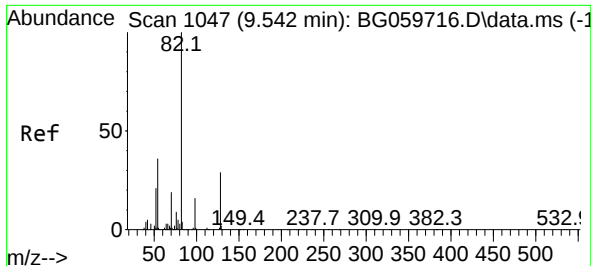
Tgt Ion: 99 Resp: 37962
Ion Ratio Lower Upper
99 100
42 23.0 14.3 21.5#
71 85.2 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG059761.D
Acq: 18 Nov 2023 12:31

Tgt Ion: 136 Resp: 136528
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.0
54 5.7 3.1 4.7#
68 1.2 1.8 2.8#

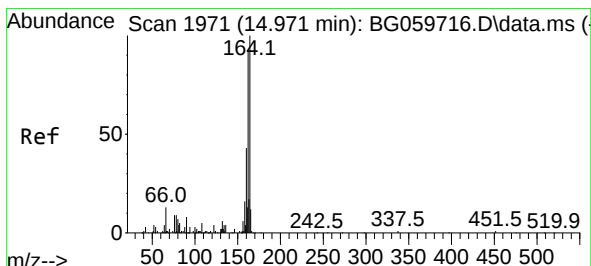
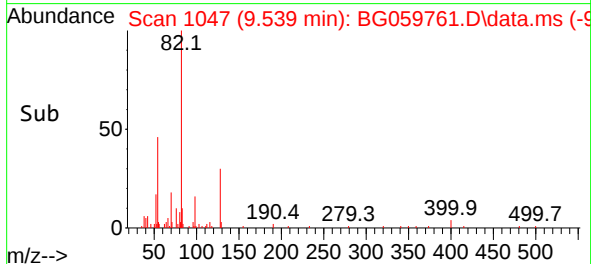
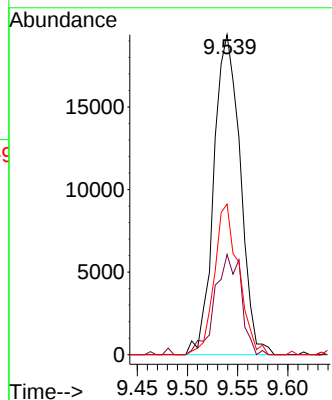
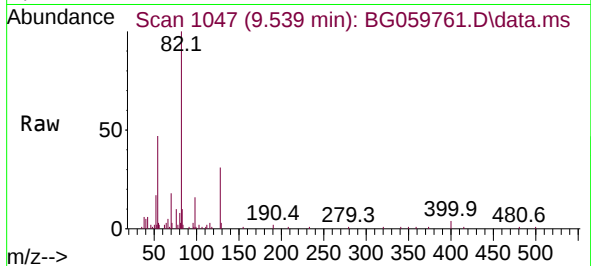




#23
Nitrobenzene-d5
Concen: 9.913 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059761.D
Acq: 18 Nov 2023 12:31

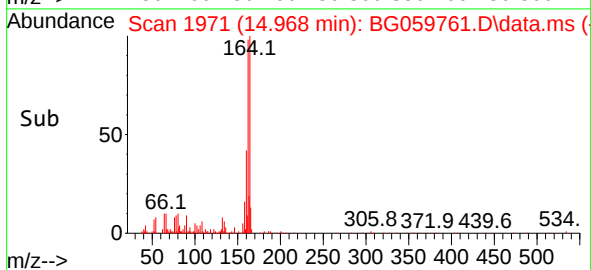
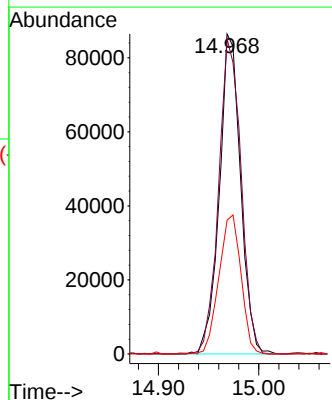
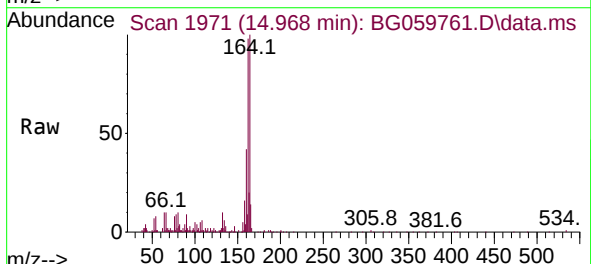
Instrument :
BNA_G
ClientSampleId :

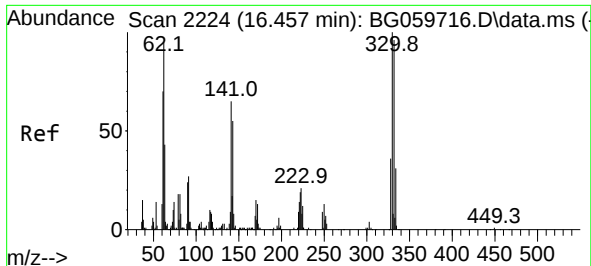
Tgt Ion: 82 Resp: 35436
Ion Ratio Lower Upper
82 100
128 31.3 23.0 34.6
54 47.0 28.7 43.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG059761.D
Acq: 18 Nov 2023 12:31

Tgt Ion:164 Resp: 127041
Ion Ratio Lower Upper
164 100
162 98.4 73.3 109.9
160 41.8 34.1 51.1

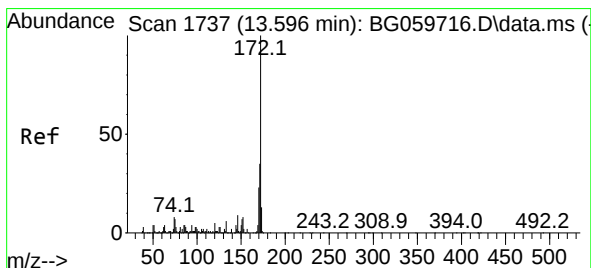
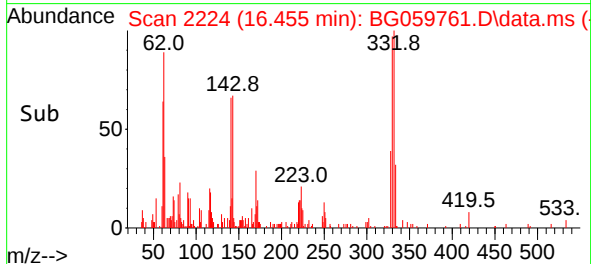
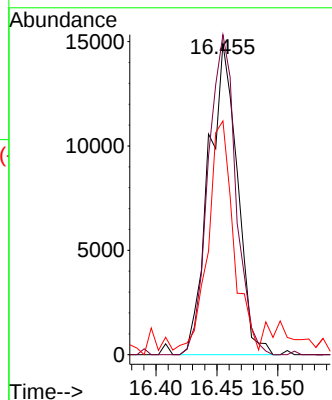
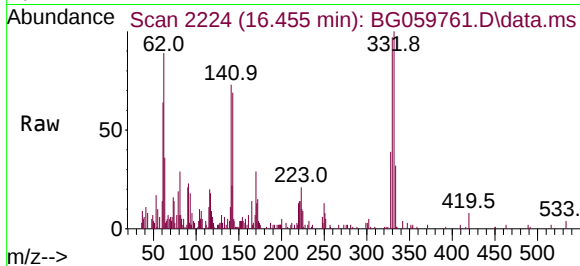




#42
2,4,6-Tribromophenol
Concen: 16.959 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059761.D
Acq: 18 Nov 2023 12:31

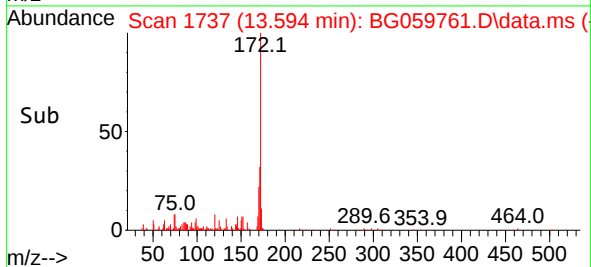
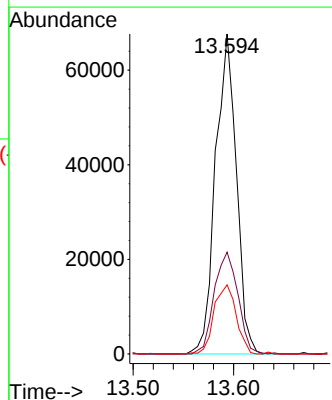
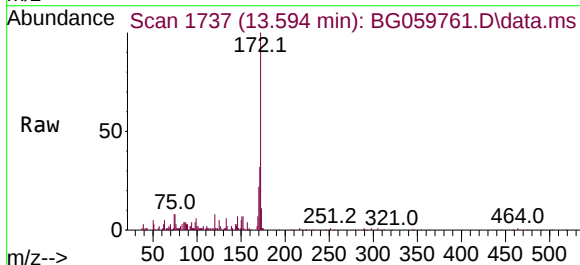
Instrument :
BNA_G
ClientSampleId :

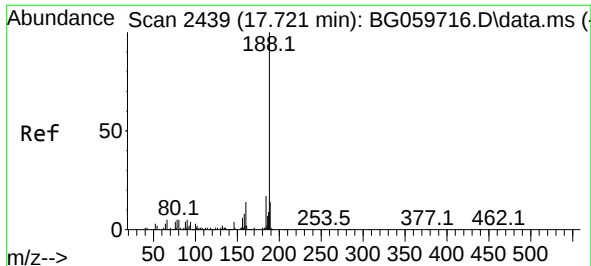
Tgt Ion:330 Resp: 24446
Ion Ratio Lower Upper
330 100
332 99.0 73.3 109.9
141 64.3 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 10.349 ng
RT: 13.594 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG059761.D
Acq: 18 Nov 2023 12:31

Tgt Ion:172 Resp: 97673
Ion Ratio Lower Upper
172 100
171 31.8 27.7 41.5
170 21.6 18.4 27.6

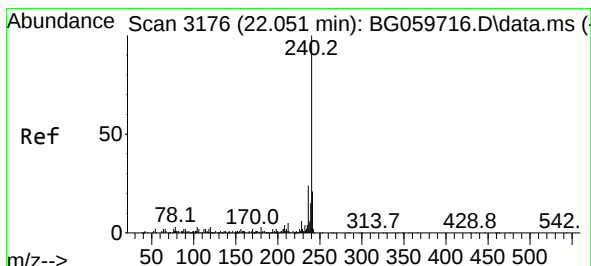
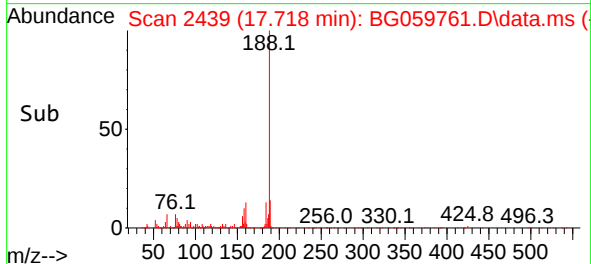
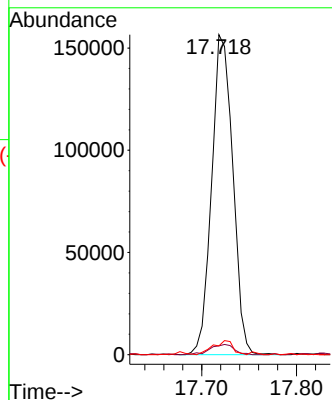
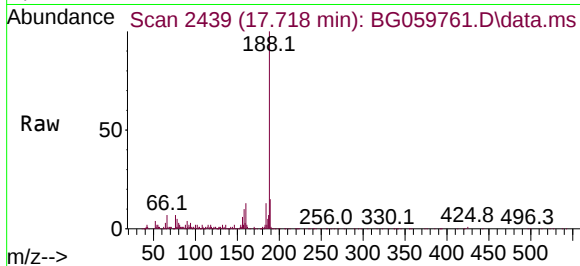




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG059761.D
Acq: 18 Nov 2023 12:31

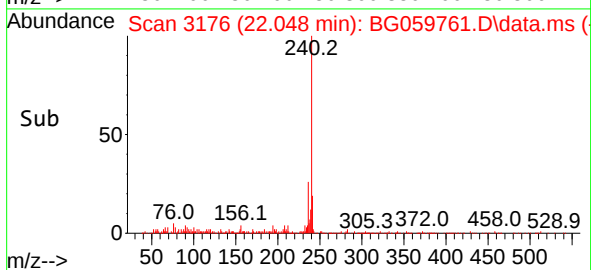
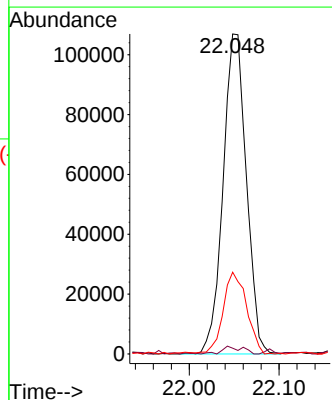
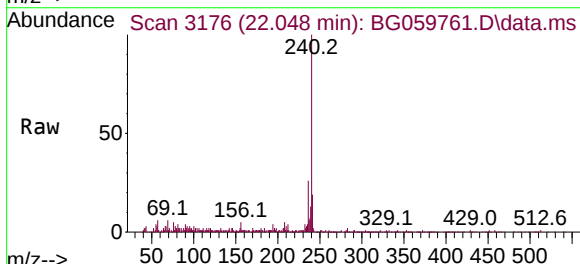
Instrument :
BNA_G
ClientSampleId :

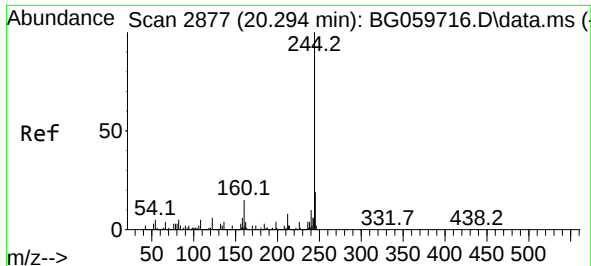
Tgt Ion:188 Resp: 242429
Ion Ratio Lower Upper
188 100
94 2.8 3.0 4.4#
80 2.8 4.2 6.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.048 min Scan# 3176
Delta R.T. -0.003 min
Lab File: BG059761.D
Acq: 18 Nov 2023 12:31

Tgt Ion:240 Resp: 192574
Ion Ratio Lower Upper
240 100
120 1.8 2.2 3.2#
236 25.5 19.4 29.2

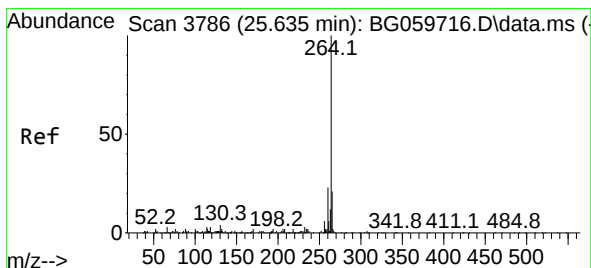
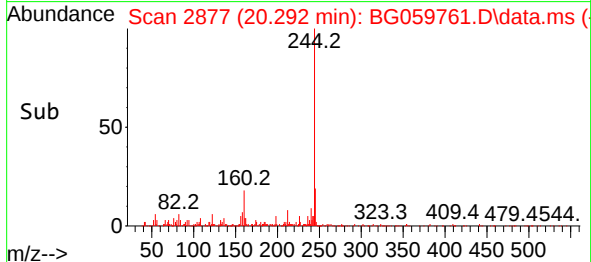
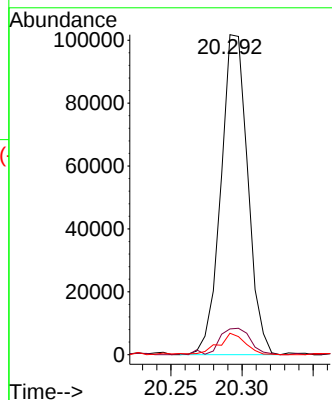
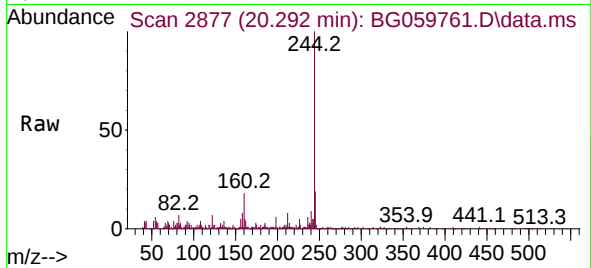




#79
 Terphenyl-d14
 Concen: 10.235 ng
 RT: 20.292 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG059761.D
 Acq: 18 Nov 2023 12:31

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:244 Resp: 133520
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 10.0
 122 6.7 4.4 6.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.644 min Scan# 3788
 Delta R.T. 0.009 min
 Lab File: BG059761.D
 Acq: 18 Nov 2023 12:31

Tgt Ion:264 Resp: 234154
 Ion Ratio Lower Upper
 264 100
 260 28.1 18.5 27.7#
 265 27.2 17.0 25.6#

