

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059950.D
 Acq On : 5 Dec 2023 15:25
 Operator : MA/JU
 Sample : 05560-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT4746

Quant Time: Dec 05 16:20:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	77928	20.000	ng	# 0.00
21) Naphthalene-d8	10.761	136	268386	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	271811	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	912552	20.000	ng	0.00
76) Chrysene-d12	21.619	240	1378551	20.000	ng	# 0.00
86) Perylene-d12	24.809	264	1662425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	378681	97.636	ng	0.00
7) Phenol-d6	7.112	99	558403	91.347	ng	0.00
23) Nitrobenzene-d5	9.116	82	399684	53.235	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	590245	67.493	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	1414666	56.766	ng	0.00
79) Terphenyl-d14	19.968	244	4234761	52.956	ng	0.00

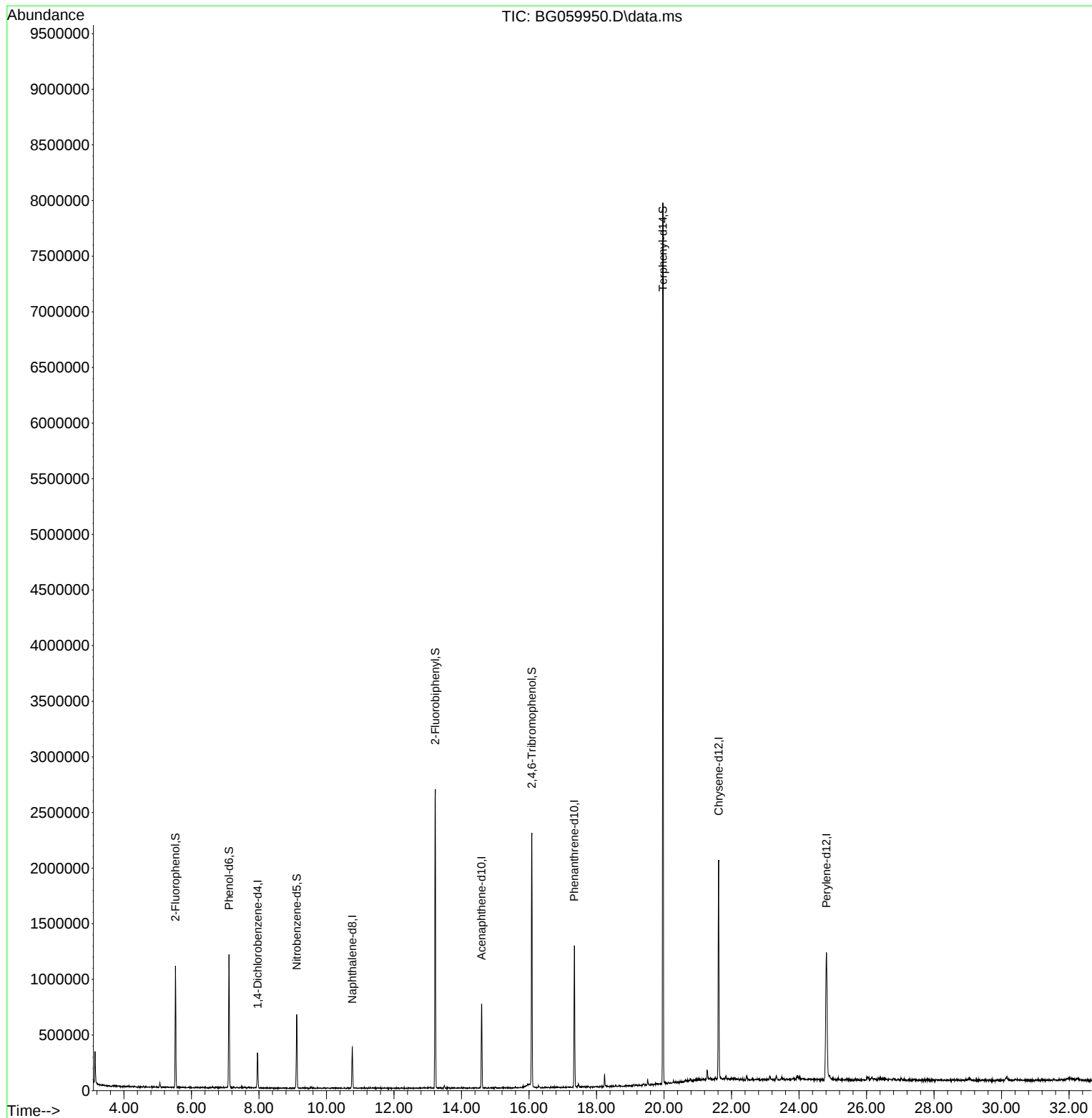
Target Compounds	Qvalue

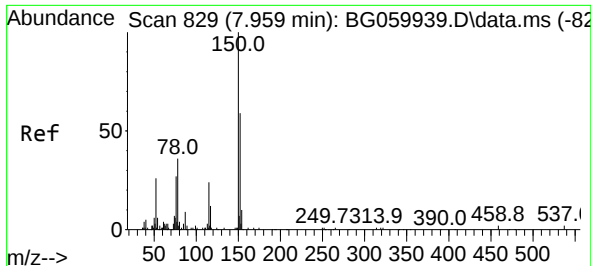
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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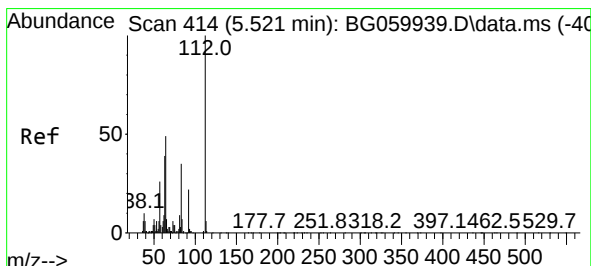
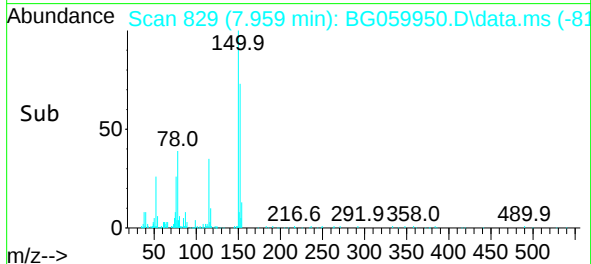
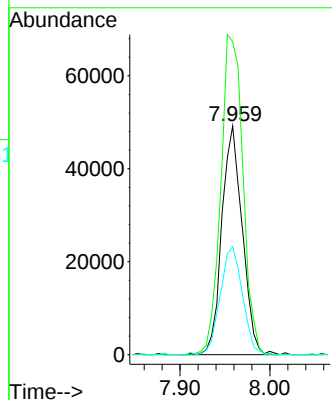
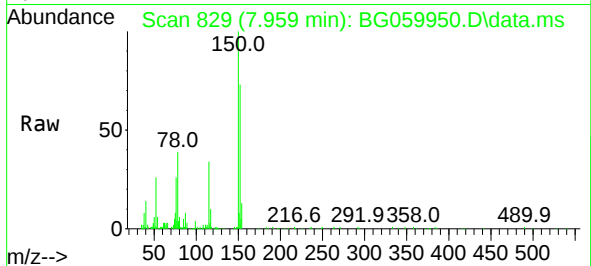




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059950.D
Acq: 5 Dec 2023 15:25

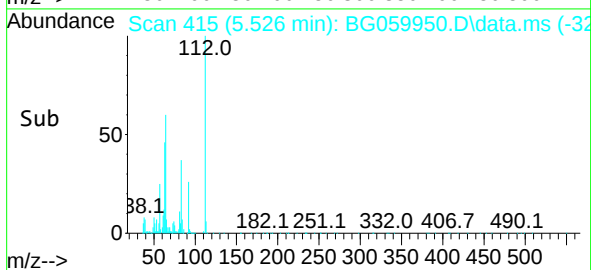
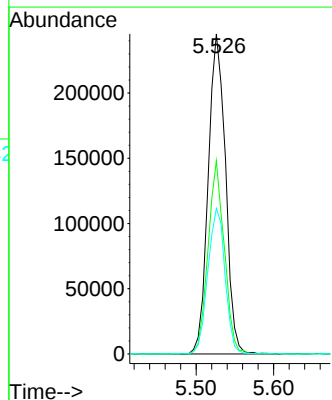
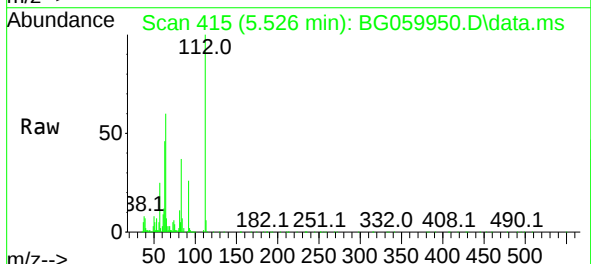
Instrument :
BNA_G
ClientSampleId :
RT4746

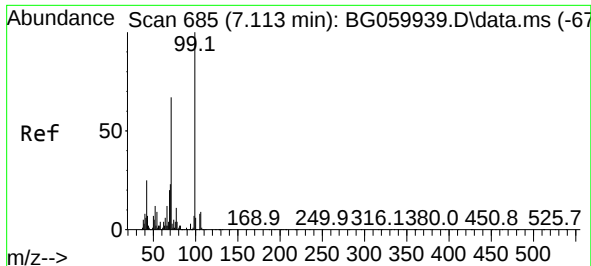
Tgt Ion:152 Resp: 77928
Ion Ratio Lower Upper
152 100
150 136.7 136.9 205.3#
115 47.2 32.9 49.3



#5
2-Fluorophenol
Concen: 97.636 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.005 min
Lab File: BG059950.D
Acq: 5 Dec 2023 15:25

Tgt Ion:112 Resp: 378681
Ion Ratio Lower Upper
112 100
64 60.3 39.4 59.0#
63 45.5 31.2 46.8

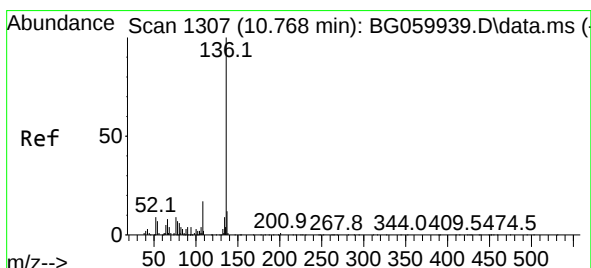
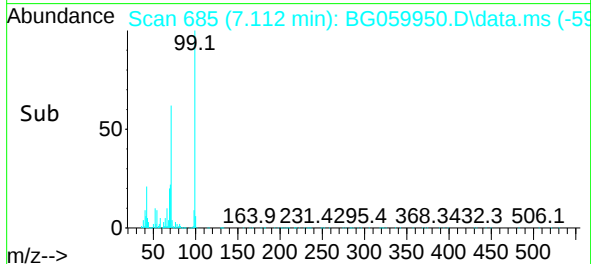
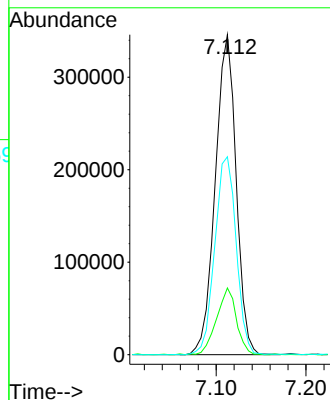
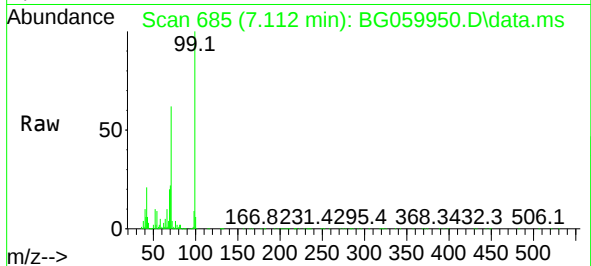




#7
Phenol-d6
Concen: 91.347 ng
RT: 7.112 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059950.D
Acq: 5 Dec 2023 15:25

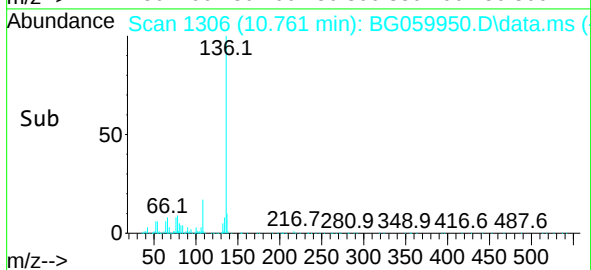
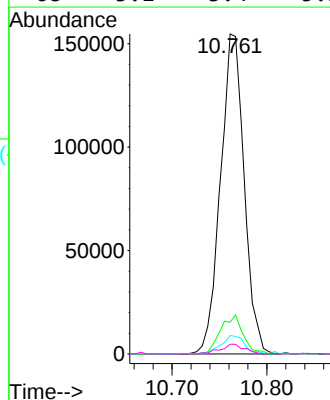
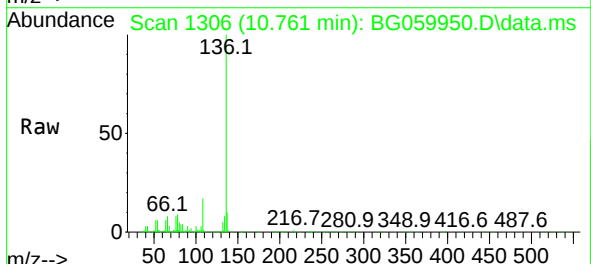
Instrument :
BNA_G
ClientSampleId :
RT4746

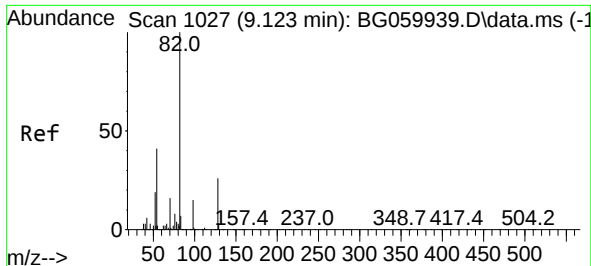
Tgt Ion: 99 Resp: 558403
Ion Ratio Lower Upper
99 100
42 20.9 20.1 30.1
71 61.9 53.8 80.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.007 min
Lab File: BG059950.D
Acq: 5 Dec 2023 15:25

Tgt Ion: 136 Resp: 268386
Ion Ratio Lower Upper
136 100
137 9.9 9.8 14.6
54 5.7 5.8 8.6#
68 3.1 3.4 5.2#





#23

Nitrobenzene-d5

Concen: 53.235 ng

RT: 9.116 min Scan# 1026

Delta R.T. -0.007 min

Lab File: BG059950.D

Acq: 5 Dec 2023 15:25

Instrument :

BNA_G

ClientSampleId :

RT4746

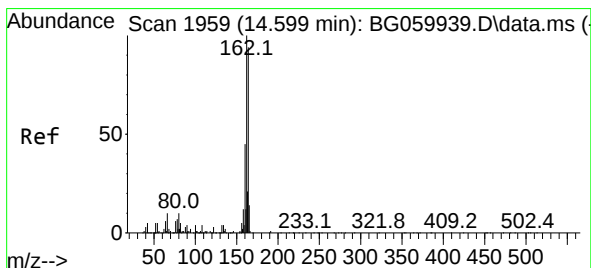
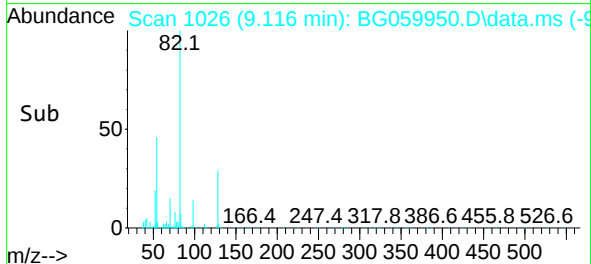
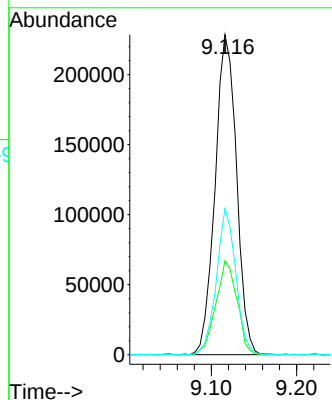
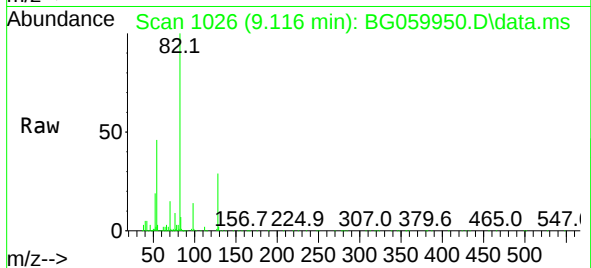
Tgt Ion: 82 Resp: 399684

Ion Ratio Lower Upper

82 100

128 29.3 21.0 31.6

54 45.7 32.6 48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1958

Delta R.T. -0.007 min

Lab File: BG059950.D

Acq: 5 Dec 2023 15:25

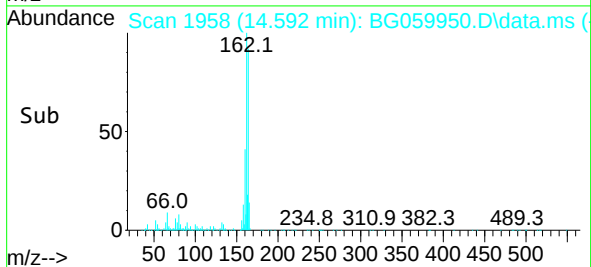
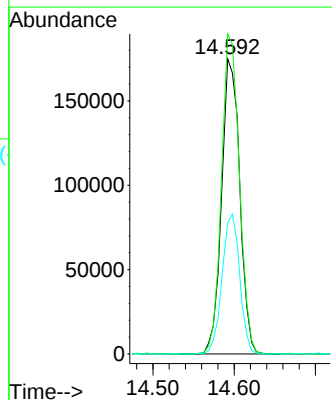
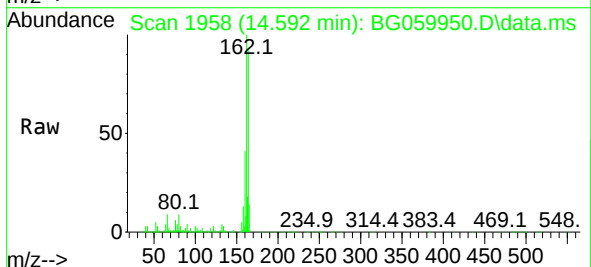
Tgt Ion:164 Resp: 271811

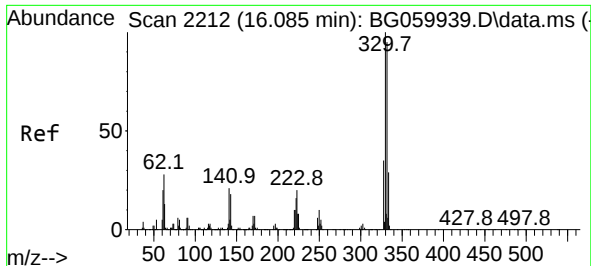
Ion Ratio Lower Upper

164 100

162 108.5 85.0 127.6

160 44.5 38.1 57.1

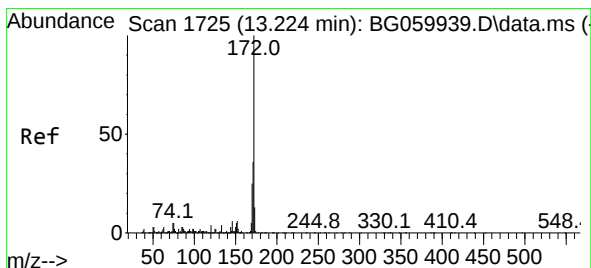
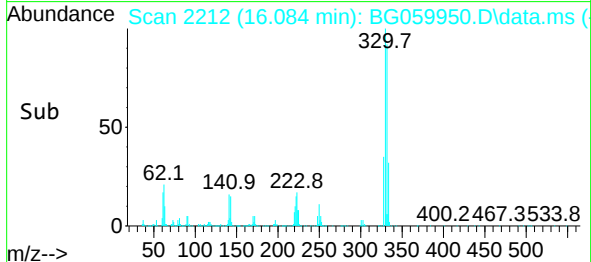
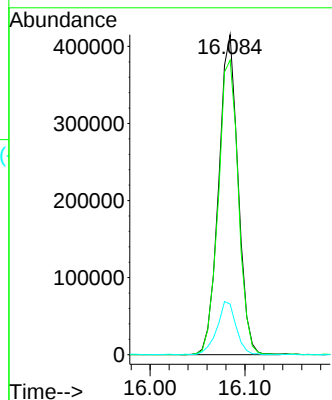
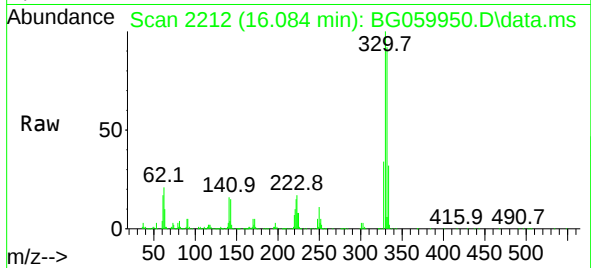




#42
2,4,6-Tribromophenol
Concen: 67.493 ng
RT: 16.084 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059950.D
Acq: 5 Dec 2023 15:25

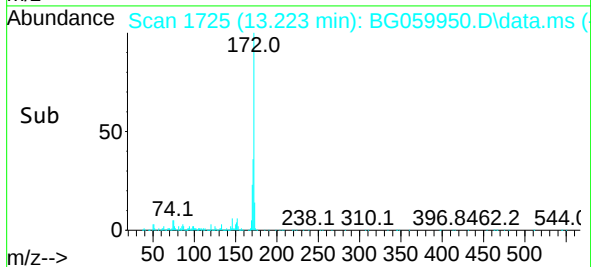
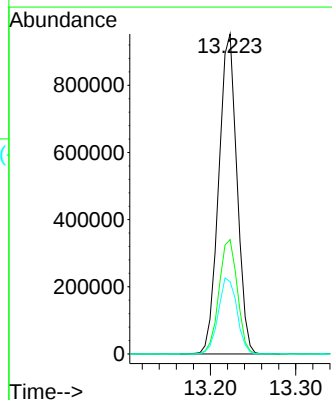
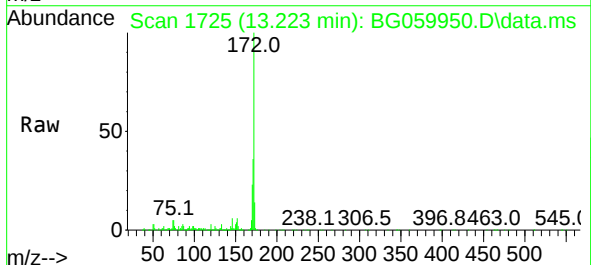
Instrument :
BNA_G
ClientSampleId :
RT4746

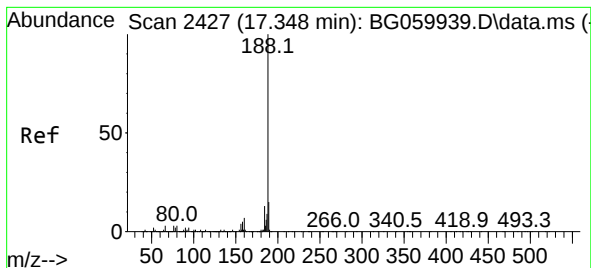
Tgt Ion:330 Resp: 590245
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 16.5 15.0 22.6



#45
2-Fluorobiphenyl
Concen: 56.766 ng
RT: 13.223 min Scan# 1725
Delta R.T. -0.001 min
Lab File: BG059950.D
Acq: 5 Dec 2023 15:25

Tgt Ion:172 Resp: 1414666
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 22.6 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG059950.D

Acq: 5 Dec 2023 15:25

Instrument :

BNA_G

ClientSampleId :

RT4746

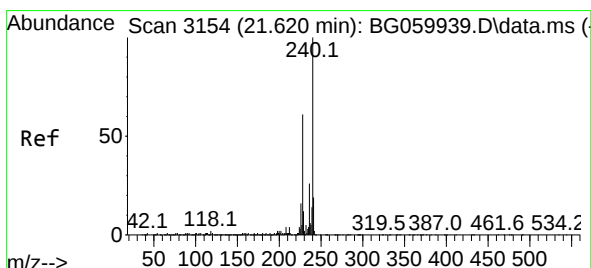
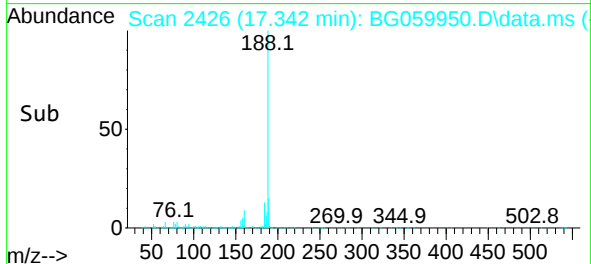
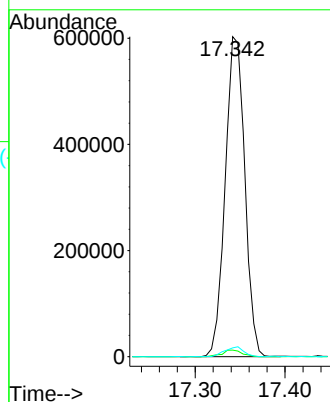
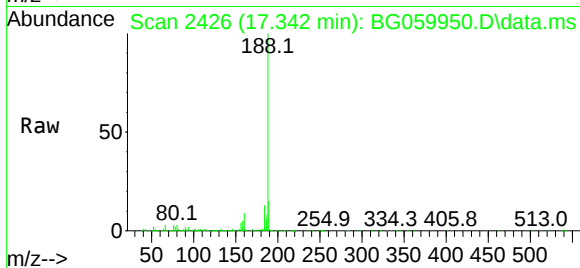
Tgt Ion:188 Resp: 912552

Ion Ratio Lower Upper

188 100

94 2.0 1.8 2.6

80 2.8 2.2 3.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.619 min Scan# 3154

Delta R.T. -0.001 min

Lab File: BG059950.D

Acq: 5 Dec 2023 15:25

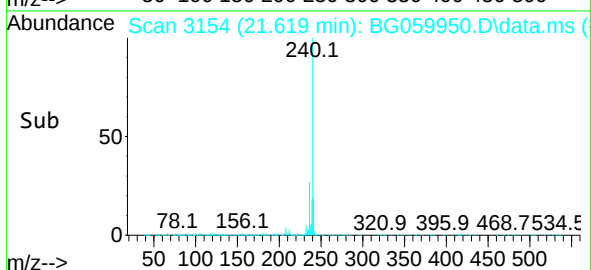
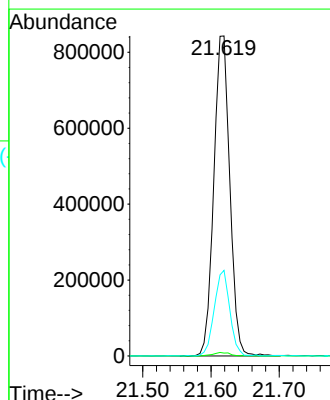
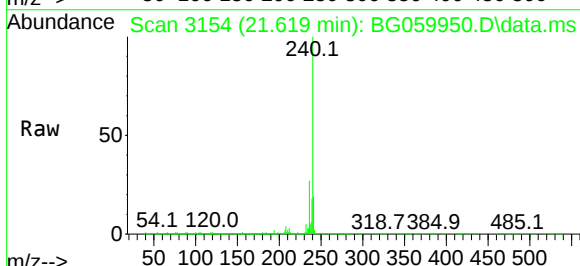
Tgt Ion:240 Resp: 1378551

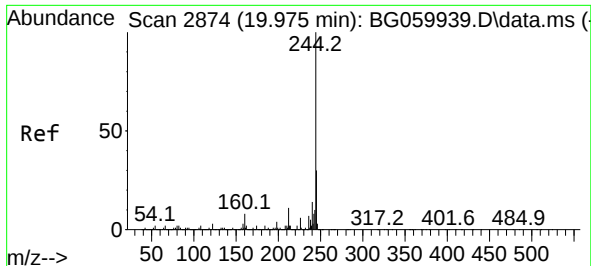
Ion Ratio Lower Upper

240 100

120 0.9 1.0 1.4#

236 26.7 20.8 31.2

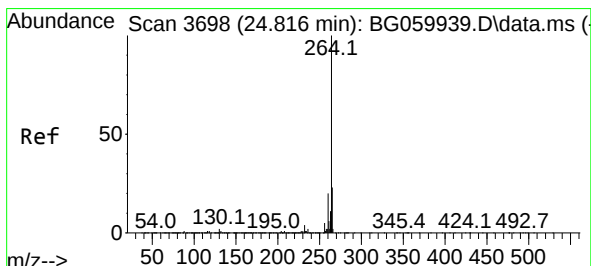
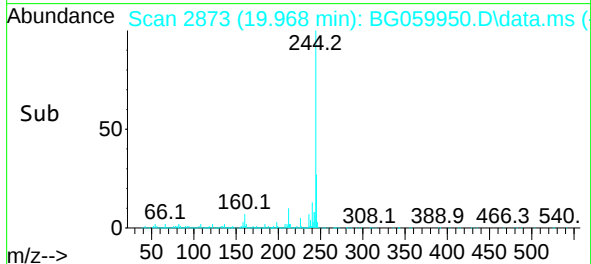
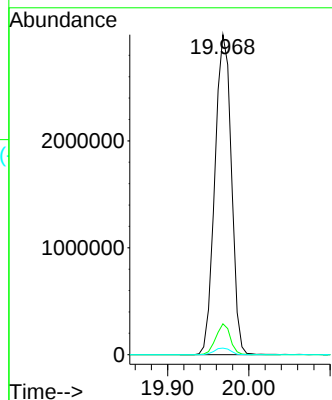
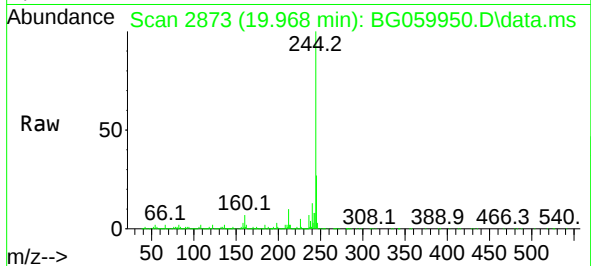




#79
 Terphenyl-d14
 Concen: 52.956 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG059950.D
 Acq: 5 Dec 2023 15:25

Instrument :
 BNA_G
 ClientSampleId :
 RT4746

Tgt Ion:244 Resp: 4234761
 Ion Ratio Lower Upper
 244 100
 212 9.7 8.6 13.0
 122 2.1 2.1 3.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.809 min Scan# 3697
 Delta R.T. -0.007 min
 Lab File: BG059950.D
 Acq: 5 Dec 2023 15:25

Tgt Ion:264 Resp: 1662425
 Ion Ratio Lower Upper
 264 100
 260 22.5 15.8 23.6
 265 22.5 18.1 27.1

