

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
 Data File : BG059933.D
 Acq On : 2 Dec 2023 1:17
 Operator : MA/JU
 Sample : PB157019BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157019BL

Quant Time: Dec 02 03:58:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 03:28:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	19340	20.000	ng	# 0.00
21) Naphthalene-d8	10.763	136	74573	20.000	ng	# 0.00
39) Acenaphthene-d10	14.599	164	92998	20.000	ng	0.00
64) Phenanthrene-d10	17.349	188	377436	20.000	ng	# 0.00
76) Chrysene-d12	21.619	240	624708	20.000	ng	# 0.00
86) Perylene-d12	24.809	264	775041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	146906	167.926	ng	0.00
7) Phenol-d6	7.115	99	211681	161.996	ng	0.00
23) Nitrobenzene-d5	9.119	82	210549	97.788	ng	-0.01
42) 2,4,6-Tribromophenol	16.086	330	604534	178.574	ng	0.00
45) 2-Fluorobiphenyl	13.225	172	899103	98.688	ng	0.00
79) Terphenyl-d14	19.974	244	3913379	105.736	ng	0.00

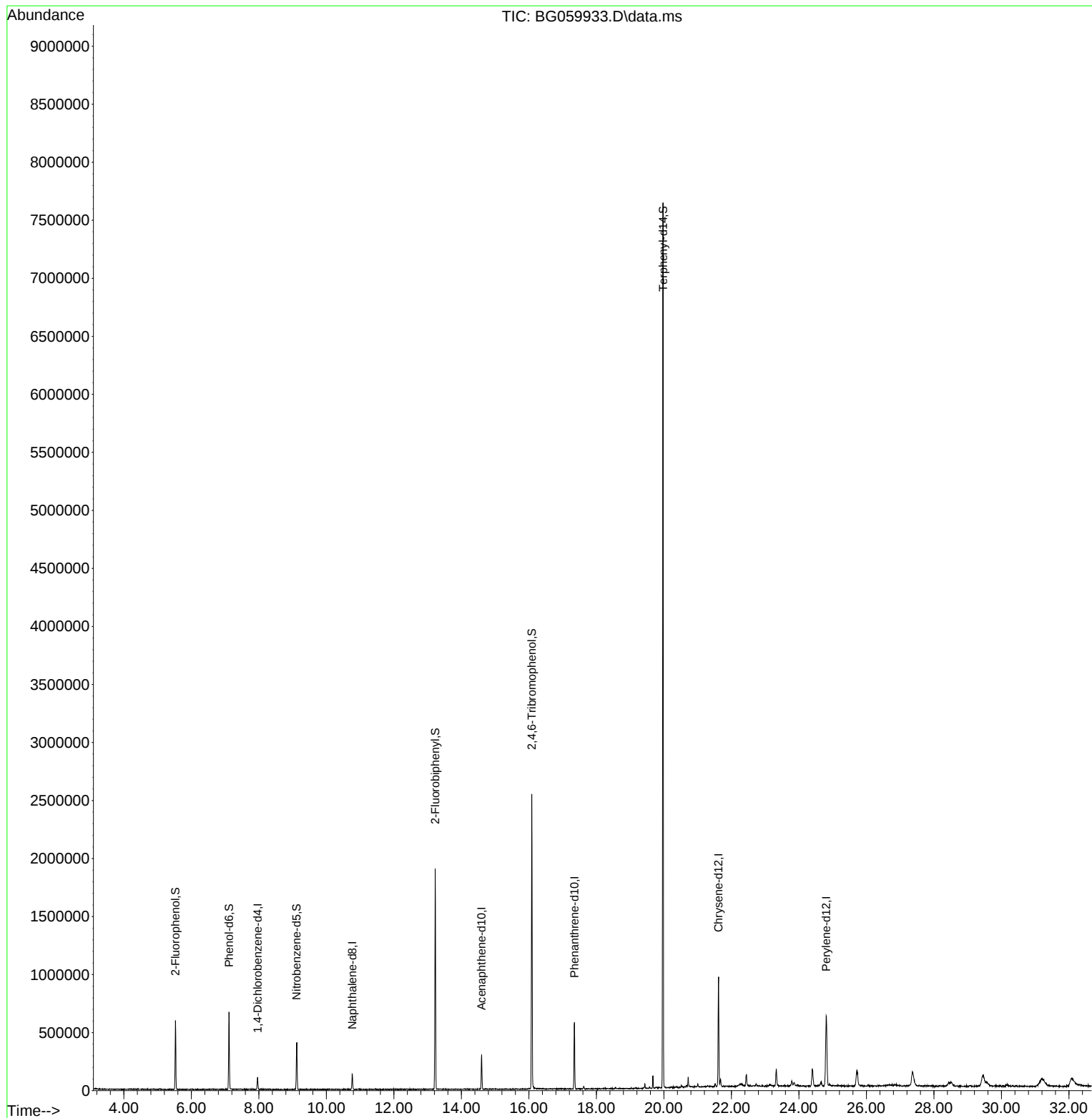
Target Compounds	Qvalue

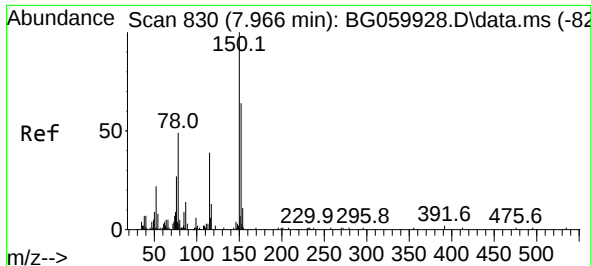
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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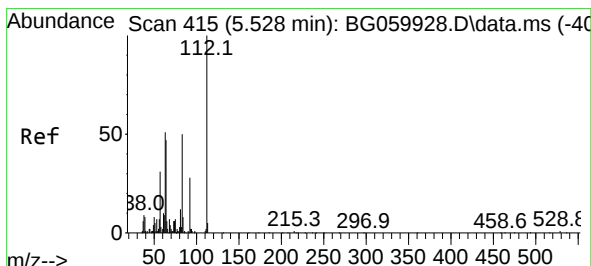
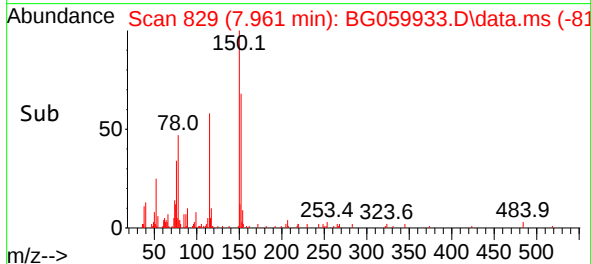
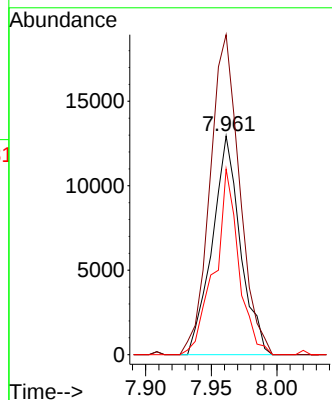
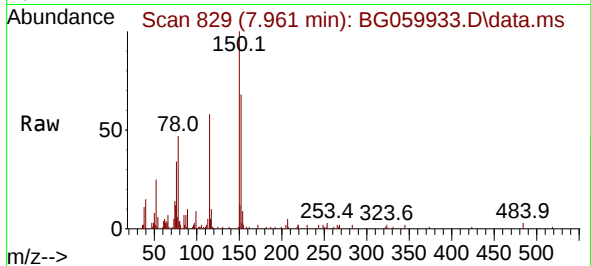




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.961 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG059933.D
Acq: 2 Dec 2023 1:17

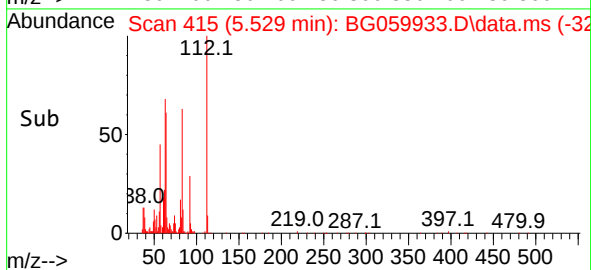
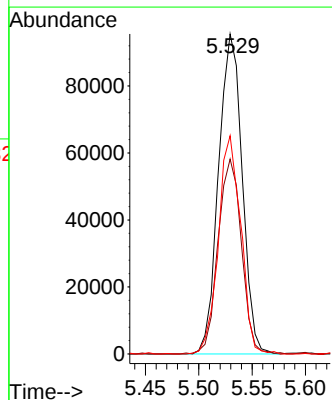
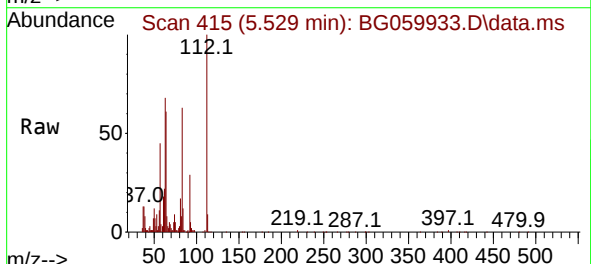
Instrument :
BNA_G
ClientSampleId :
PB157019BL

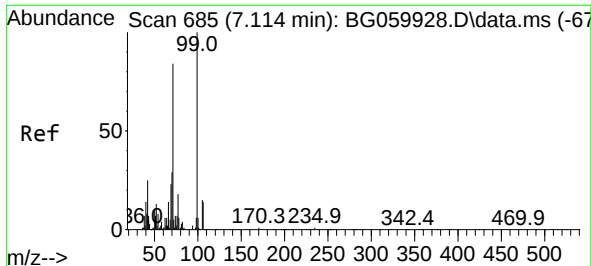
Tgt Ion:152 Resp: 19340
Ion Ratio Lower Upper
152 100
150 146.3 124.2 186.2
115 84.8 47.8 71.8#



#5
2-Fluorophenol
Concen: 167.926 ng
RT: 5.529 min Scan# 415
Delta R.T. 0.001 min
Lab File: BG059933.D
Acq: 2 Dec 2023 1:17

Tgt Ion:112 Resp: 146906
Ion Ratio Lower Upper
112 100
64 60.9 37.6 56.4#
63 68.2 41.1 61.7#

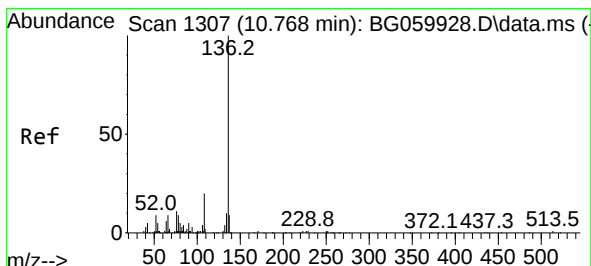
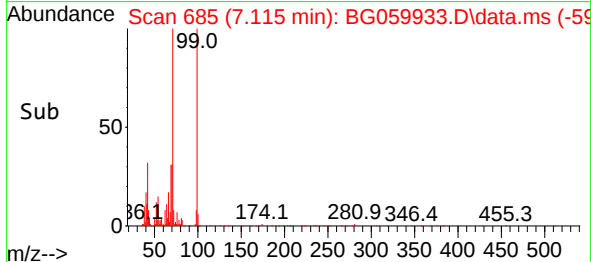
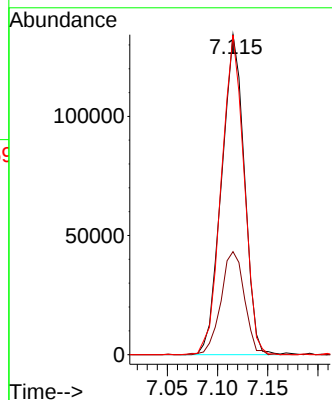
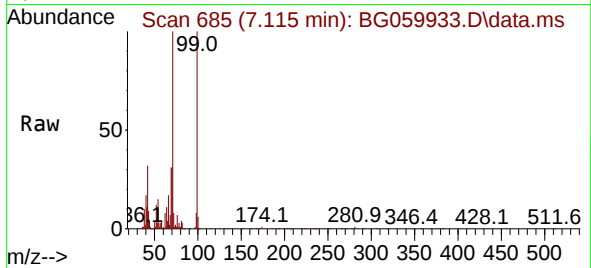




#7
Phenol-d6
Concen: 161.996 ng
RT: 7.115 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG059933.D
Acq: 2 Dec 2023 1:17

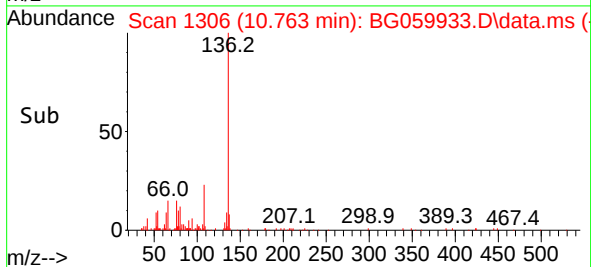
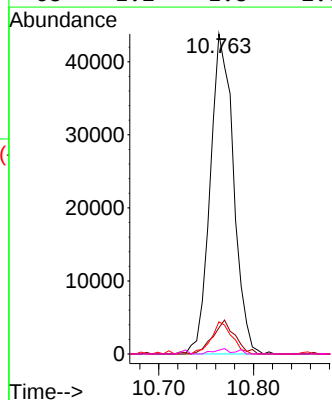
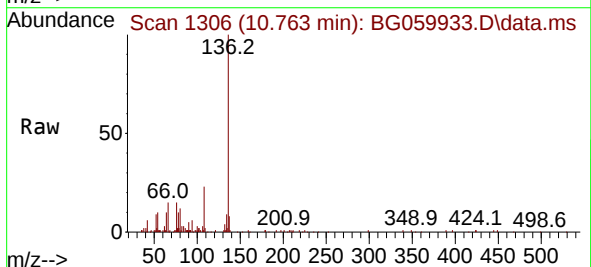
Instrument :
BNA_G
ClientSampleId :
PB157019BL

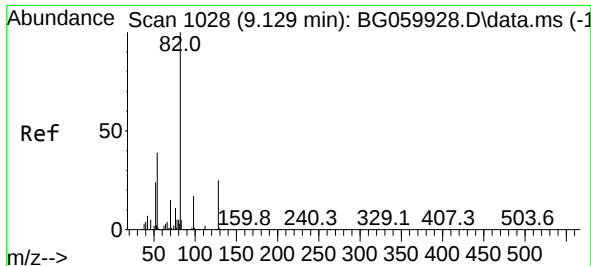
Tgt Ion: 99 Resp: 211681
Ion Ratio Lower Upper
99 100
42 32.2 20.2 30.4#
71 99.9 67.4 101.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1306
Delta R.T. -0.005 min
Lab File: BG059933.D
Acq: 2 Dec 2023 1:17

Tgt Ion: 136 Resp: 74573
Ion Ratio Lower Upper
136 100
137 8.2 7.2 10.8
54 10.1 3.8 5.6#
68 1.2 1.8 2.6#





#23

Nitrobenzene-d5

Concen: 97.788 ng

RT: 9.119 min Scan# 1026

Delta R.T. -0.011 min

Lab File: BG059933.D

Acq: 2 Dec 2023 1:17

Instrument :

BNA_G

ClientSampleId :

PB157019BL

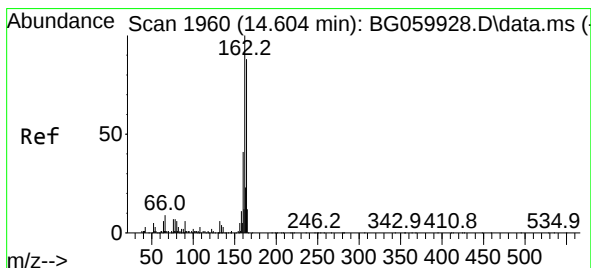
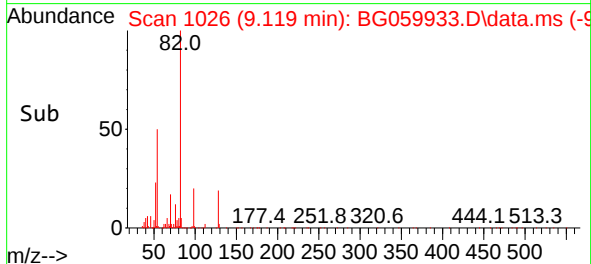
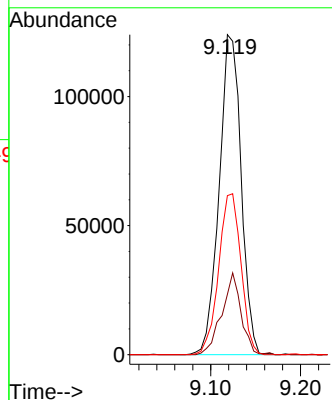
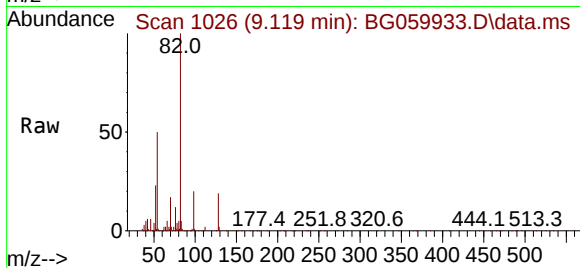
Tgt Ion: 82 Resp: 210549

Ion Ratio Lower Upper

82 100

128 18.9 19.9 29.9#

54 49.7 31.1 46.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.599 min Scan# 1959

Delta R.T. -0.005 min

Lab File: BG059933.D

Acq: 2 Dec 2023 1:17

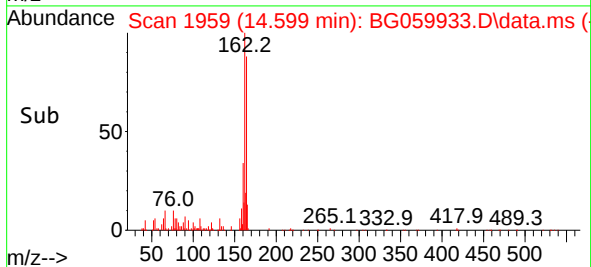
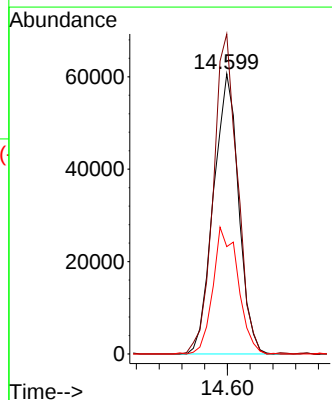
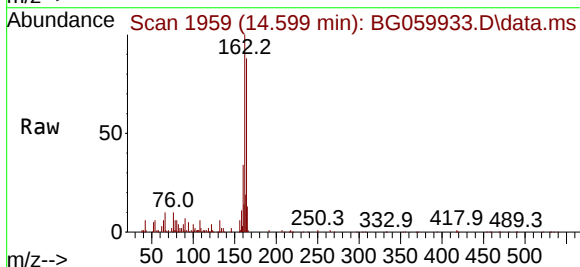
Tgt Ion:164 Resp: 92998

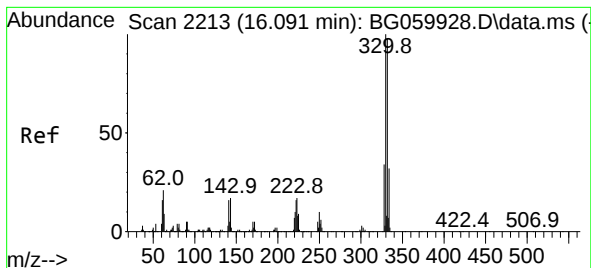
Ion Ratio Lower Upper

164 100

162 114.2 91.3 136.9

160 38.3 37.8 56.8





#42

2,4,6-Tribromophenol

Concen: 178.574 ng

RT: 16.086 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG059933.D

Acq: 2 Dec 2023 1:17

Instrument :

BNA_G

ClientSampleId :

PB157019BL

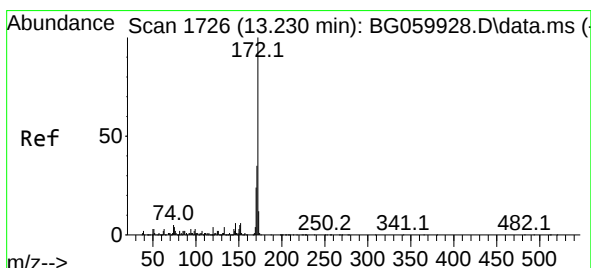
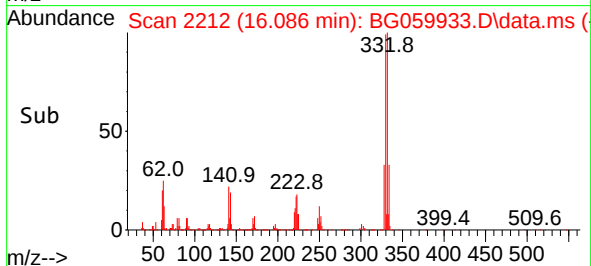
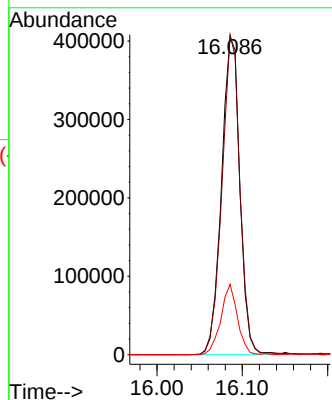
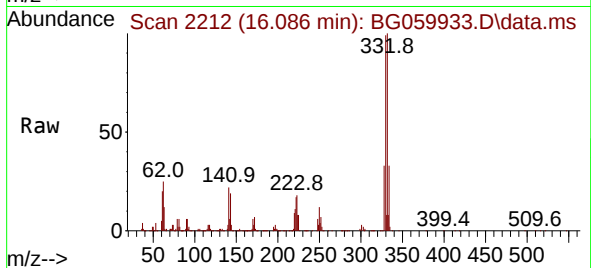
Tgt Ion:330 Resp: 604534

Ion Ratio Lower Upper

330 100

332 98.6 76.7 115.1

141 20.2 14.6 22.0



#45

2-Fluorobiphenyl

Concen: 98.688 ng

RT: 13.225 min Scan# 1725

Delta R.T. -0.005 min

Lab File: BG059933.D

Acq: 2 Dec 2023 1:17

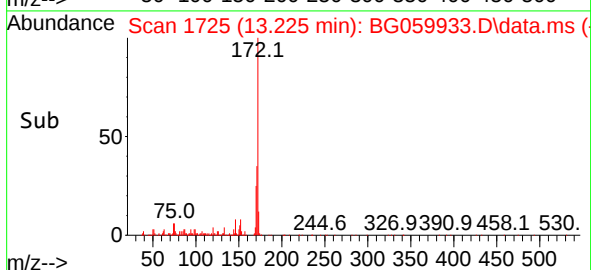
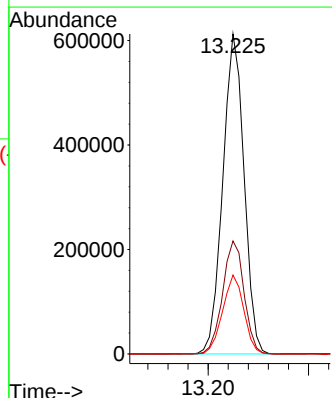
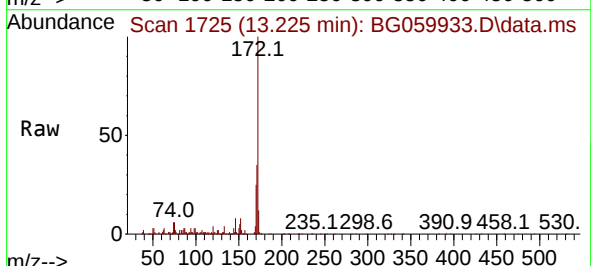
Tgt Ion:172 Resp: 899103

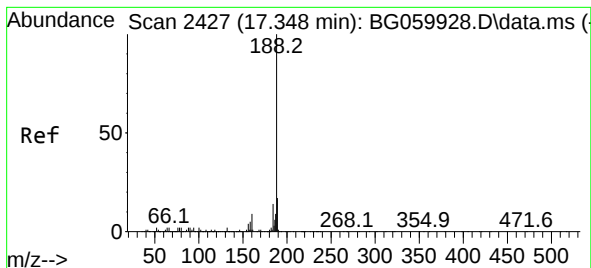
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 24.7 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.349 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG059933.D

Acq: 2 Dec 2023 1:17

Instrument :

BNA_G

ClientSampleId :

PB157019BL

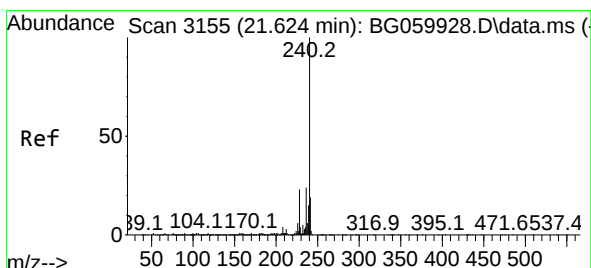
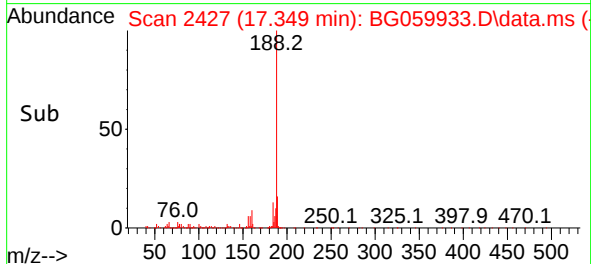
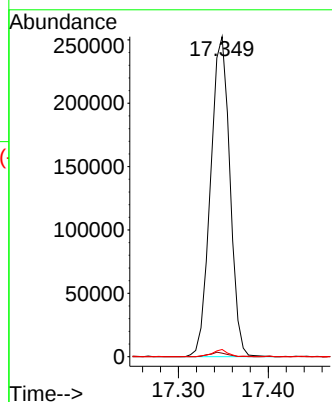
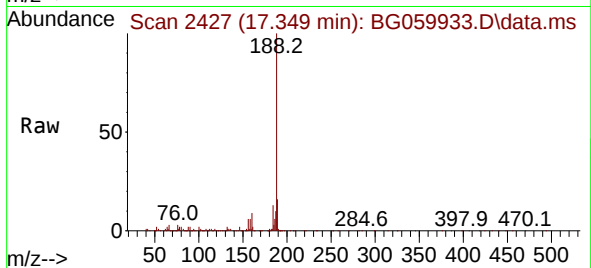
Tgt Ion:188 Resp: 377436

Ion Ratio Lower Upper

188 100

94 1.1 1.3 1.9#

80 2.3 1.8 2.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.619 min Scan# 3154

Delta R.T. -0.005 min

Lab File: BG059933.D

Acq: 2 Dec 2023 1:17

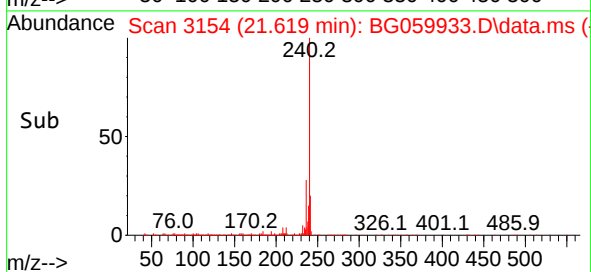
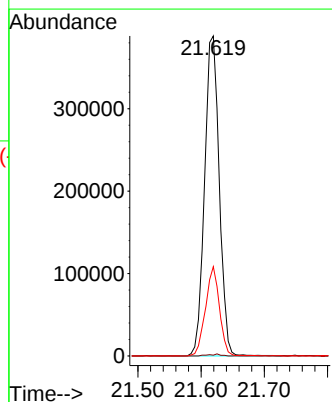
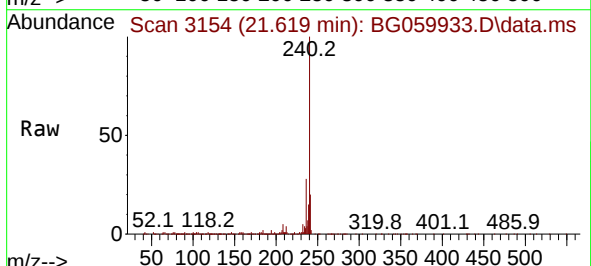
Tgt Ion:240 Resp: 624708

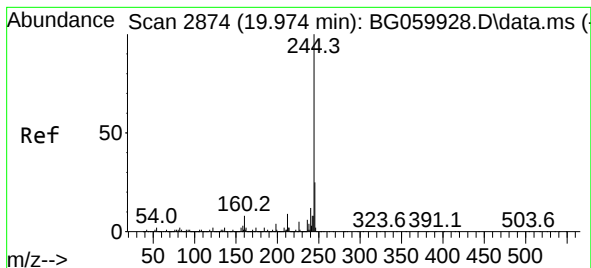
Ion Ratio Lower Upper

240 100

120 0.3 0.6 1.0#

236 27.9 19.5 29.3





#79

Terphenyl-d14

Concen: 105.736 ng

RT: 19.974 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG059933.D

Acq: 2 Dec 2023 1:17

Instrument :

BNA_G

ClientSampleId :

PB157019BL

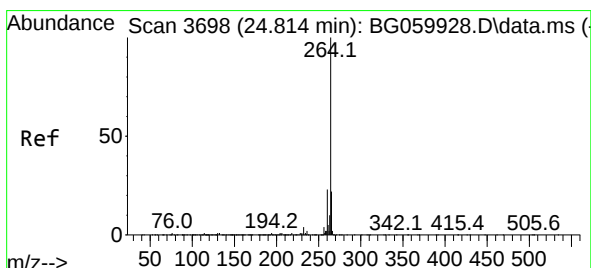
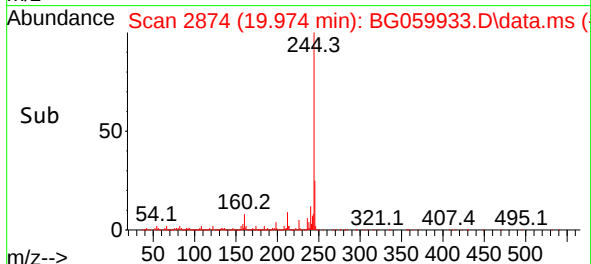
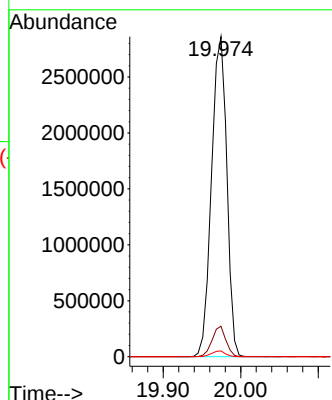
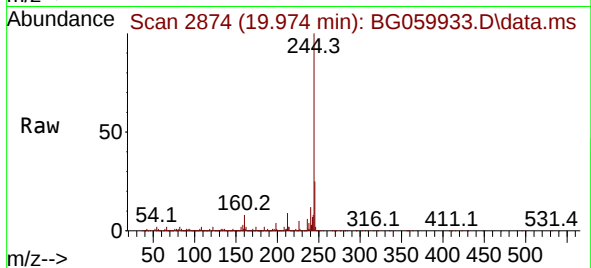
Tgt Ion:244 Resp: 3913379

Ion Ratio Lower Upper

244 100

212 9.5 7.5 11.3

122 1.8 1.7 2.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.809 min Scan# 3697

Delta R.T. -0.005 min

Lab File: BG059933.D

Acq: 2 Dec 2023 1:17

Tgt Ion:264 Resp: 775041

Ion Ratio Lower Upper

264 100

260 21.8 18.0 27.0

265 21.4 18.0 27.0

