

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059966.D
 Acq On : 6 Dec 2023 12:32
 Operator : MA/JU
 Sample : PB157520TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157520TB

Quant Time: Dec 06 13:17:32 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	7.961	152	93056	20.000	ng	# 0.00
21) Naphthalene-d8	10.763	136	334522	20.000	ng	# 0.00
39) Acenaphthene-d10	14.594	164	337103	20.000	ng	0.00
64) Phenanthrene-d10	17.344	188	1231004	20.000	ng	# 0.00
76) Chrysene-d12	21.615	240	1866327	20.000	ng	0.00
86) Perylene-d12	24.811	264	2159738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	690853	149.167	ng	0.00
7) Phenol-d6	7.114	99	948232	129.900	ng	0.00
23) Nitrobenzene-d5	9.118	82	675161	72.147	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1363788	125.741	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	2420106	78.302	ng	0.00
79) Terphenyl-d14	19.970	244	6306310	58.250	ng	0.00

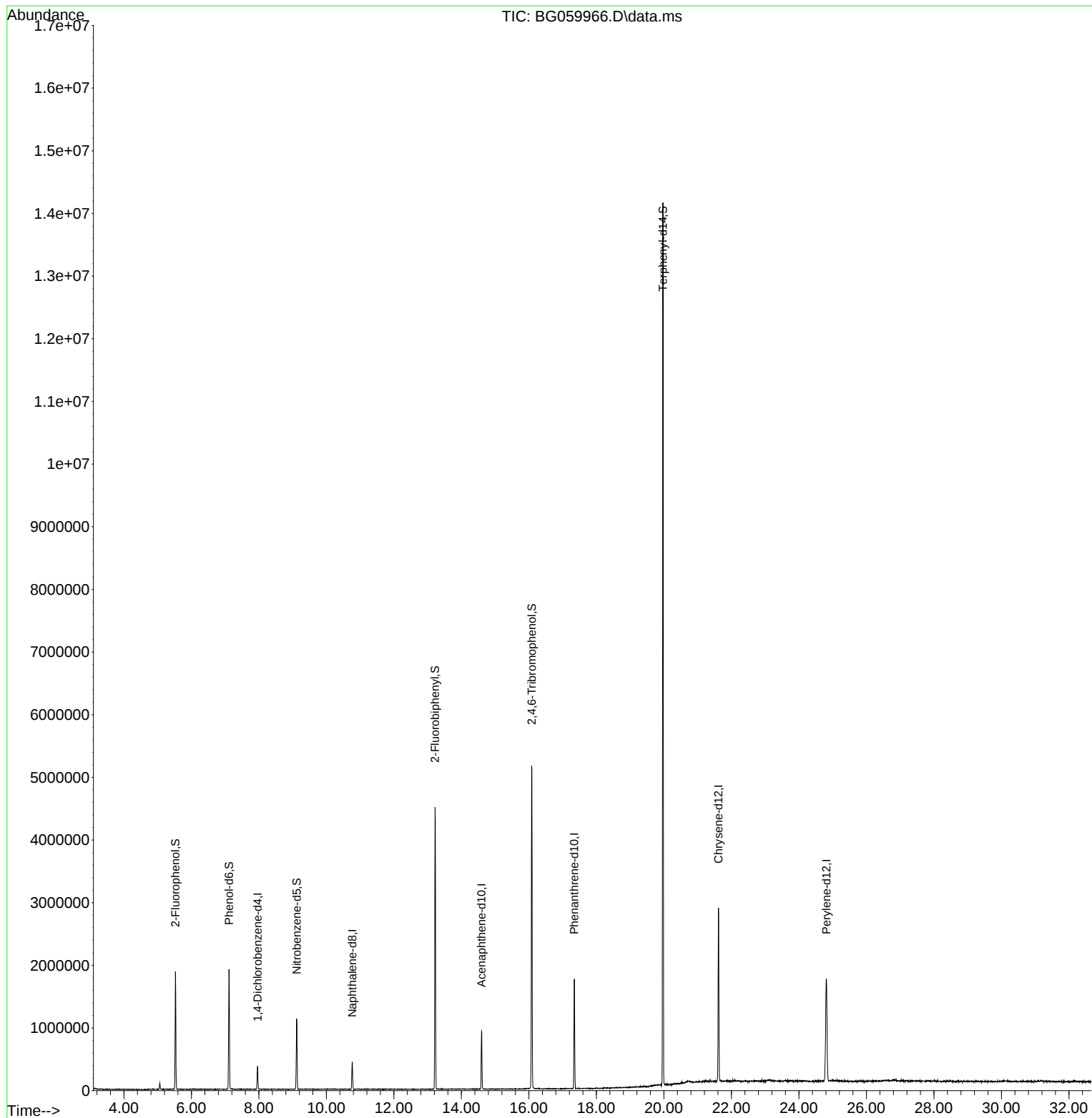
Target Compounds	Qvalue

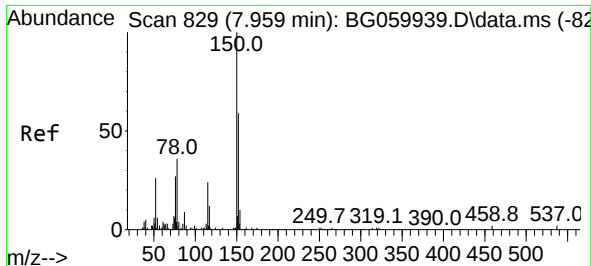
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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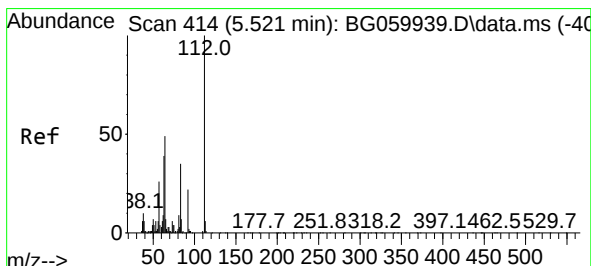
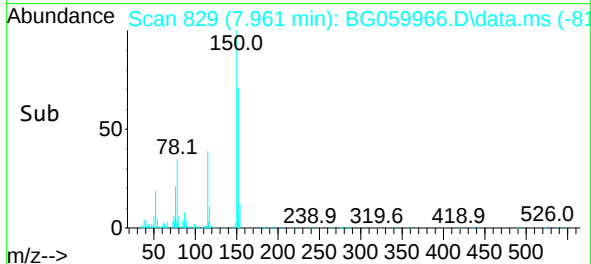
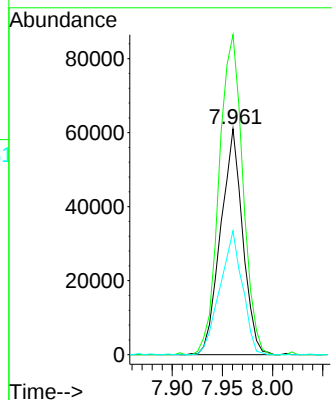
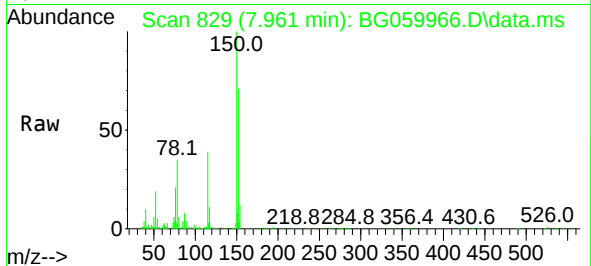




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.961 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG059966.D
 Acq: 6 Dec 2023 12:32

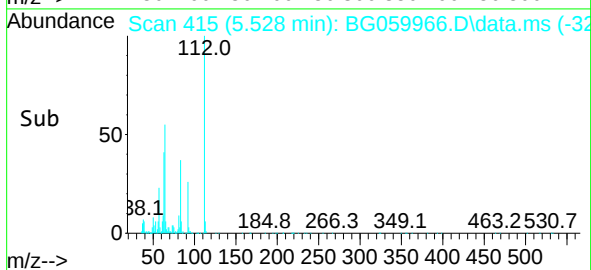
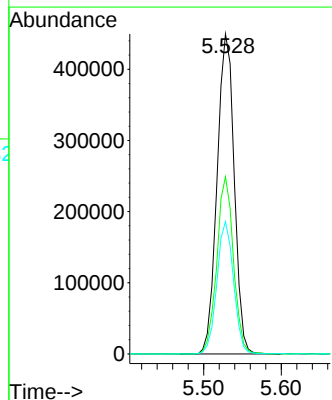
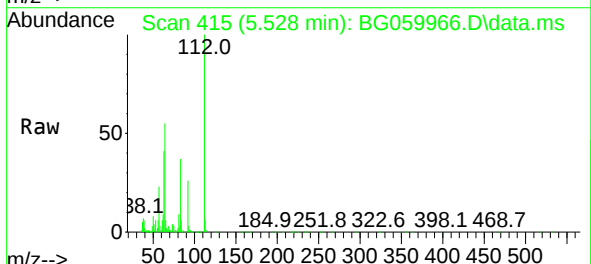
Instrument :
 BNA_G
 ClientSampleId :
 PB157520TB

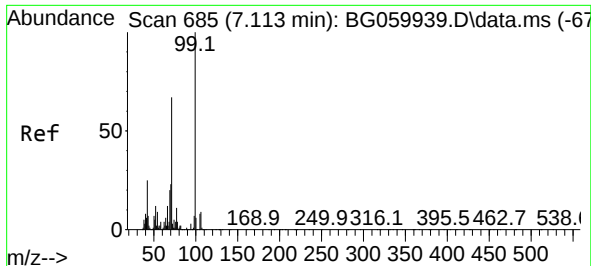
Tgt Ion:152 Resp: 93056
 Ion Ratio Lower Upper
 152 100
 150 141.6 136.9 205.3
 115 54.8 32.9 49.3#



#5
 2-Fluorophenol
 Concen: 149.167 ng
 RT: 5.528 min Scan# 415
 Delta R.T. 0.007 min
 Lab File: BG059966.D
 Acq: 6 Dec 2023 12:32

Tgt Ion:112 Resp: 690853
 Ion Ratio Lower Upper
 112 100
 64 55.3 39.4 59.0
 63 41.3 31.2 46.8

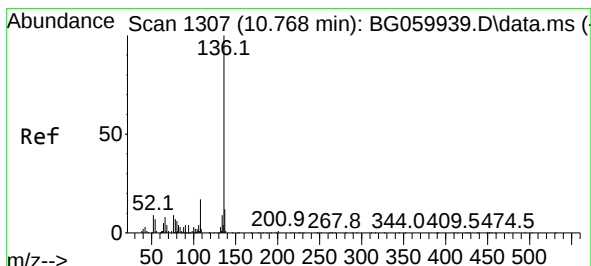
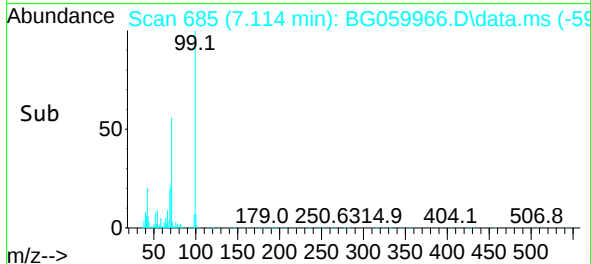
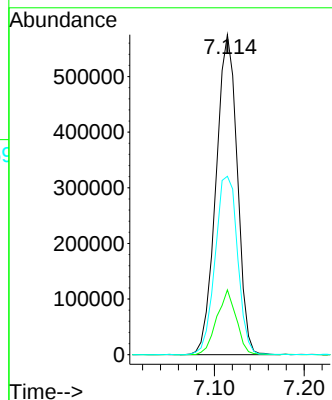
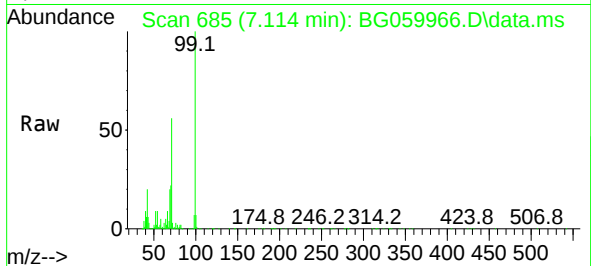




#7
Phenol-d6
Concen: 129.900 ng
RT: 7.114 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG059966.D
Acq: 6 Dec 2023 12:32

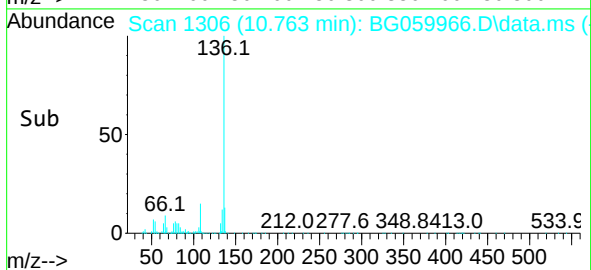
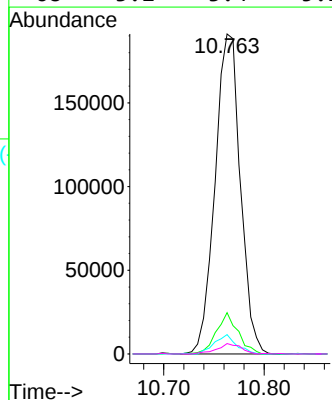
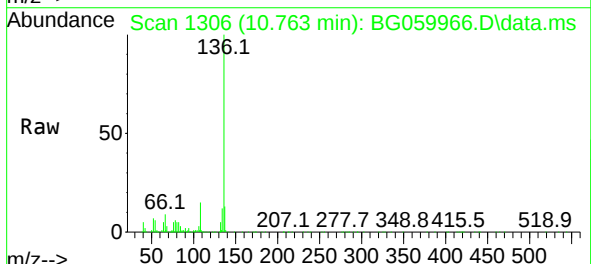
Instrument :
BNA_G
ClientSampleId :
PB157520TB

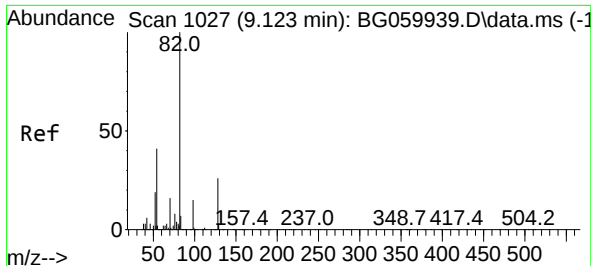
Tgt Ion: 99 Resp: 948232
Ion Ratio Lower Upper
99 100
42 20.3 20.1 30.1
71 55.8 53.8 80.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1306
Delta R.T. -0.005 min
Lab File: BG059966.D
Acq: 6 Dec 2023 12:32

Tgt Ion:136 Resp: 334522
Ion Ratio Lower Upper
136 100
137 12.9 9.8 14.6
54 6.0 5.8 8.6
68 3.2 3.4 5.2#

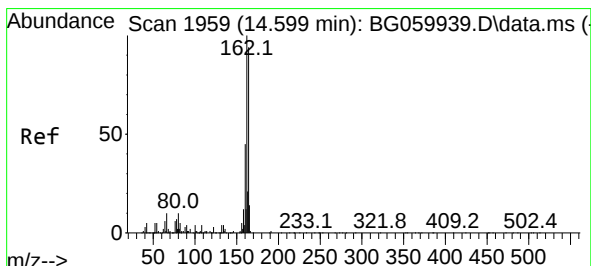
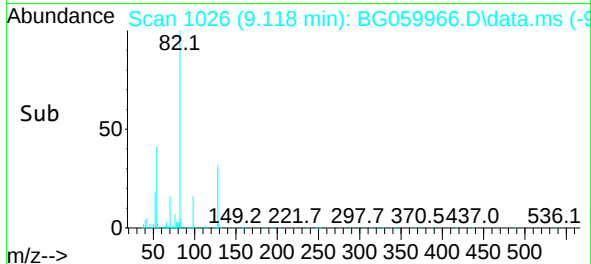
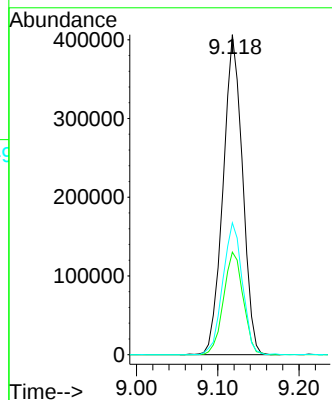
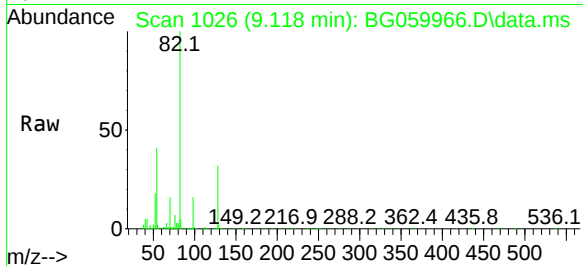




#23
Nitrobenzene-d5
Concen: 72.147 ng
RT: 9.118 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG059966.D
Acq: 6 Dec 2023 12:32

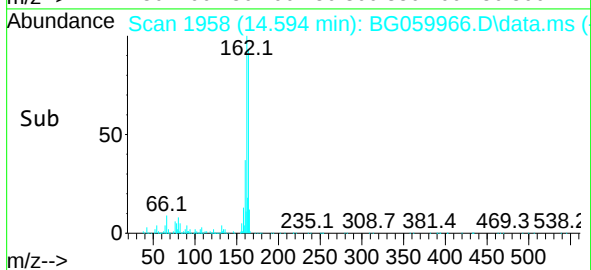
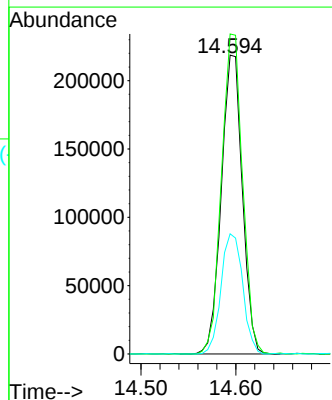
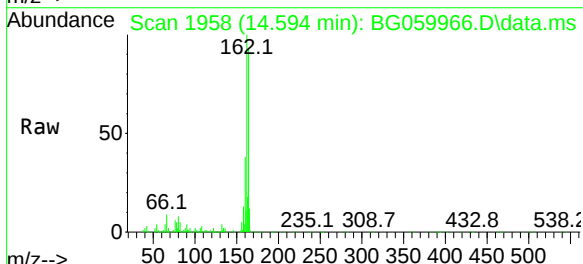
Instrument :
BNA_G
ClientSampleId :
PB157520TB

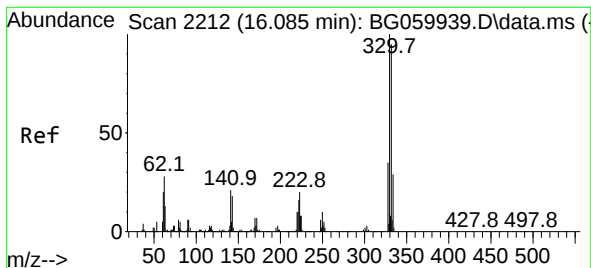
Tgt Ion: 82 Resp: 675161
Ion Ratio Lower Upper
82 100
128 32.1 21.0 31.6#
54 41.2 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG059966.D
Acq: 6 Dec 2023 12:32

Tgt Ion:164 Resp: 337103
Ion Ratio Lower Upper
164 100
162 107.1 85.0 127.6
160 40.2 38.1 57.1





#42

2,4,6-Tribromophenol

Concen: 125.741 ng

RT: 16.086 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG059966.D

Acq: 6 Dec 2023 12:32

Instrument :

BNA_G

ClientSampleId :

PB157520TB

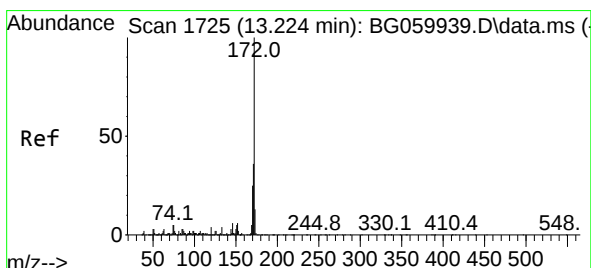
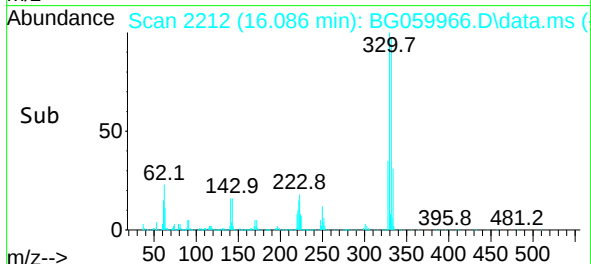
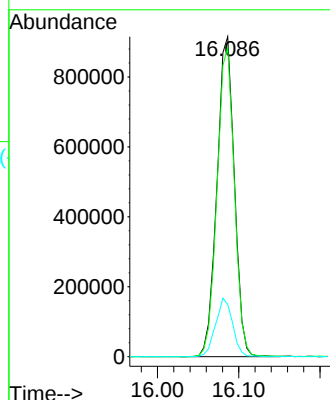
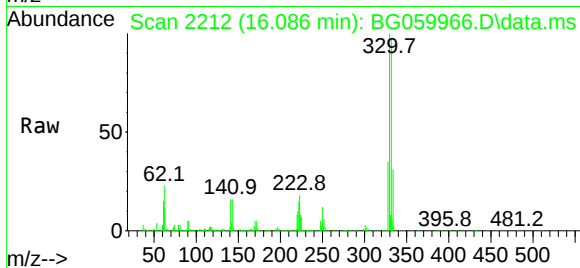
Tgt Ion:330 Resp: 1363788

Ion Ratio Lower Upper

330 100

332 96.2 76.5 114.7

141 17.9 15.0 22.6



#45

2-Fluorobiphenyl

Concen: 78.302 ng

RT: 13.219 min Scan# 1724

Delta R.T. -0.005 min

Lab File: BG059966.D

Acq: 6 Dec 2023 12:32

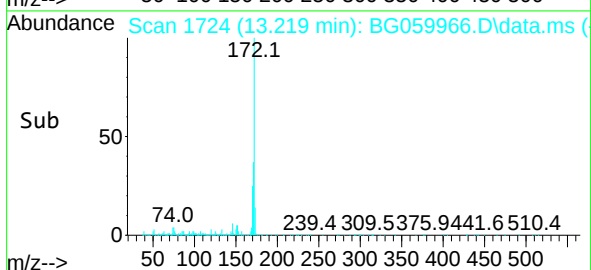
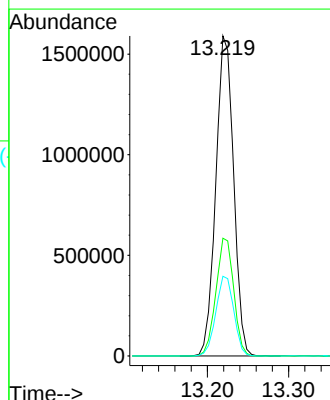
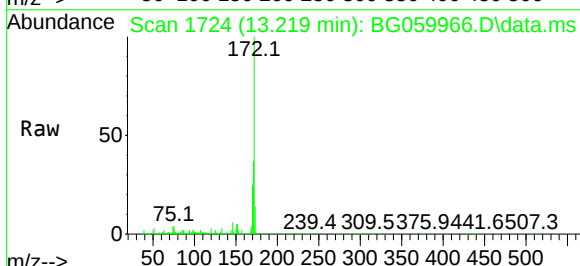
Tgt Ion:172 Resp: 2420106

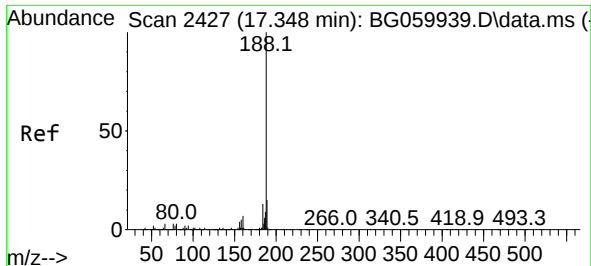
Ion Ratio Lower Upper

172 100

171 36.8 28.6 43.0

170 24.9 19.8 29.8

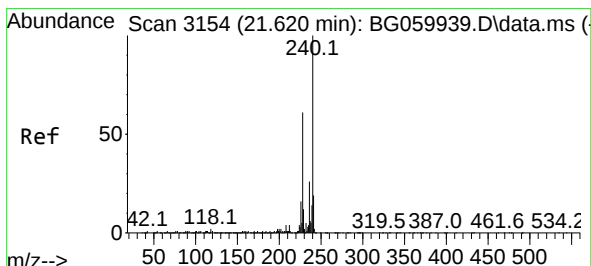
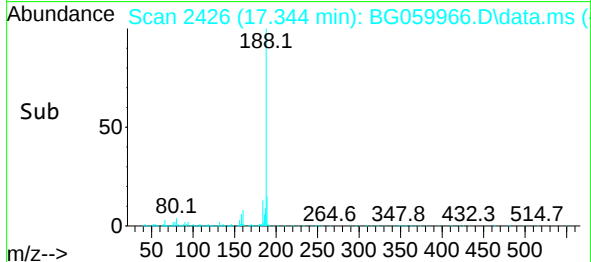
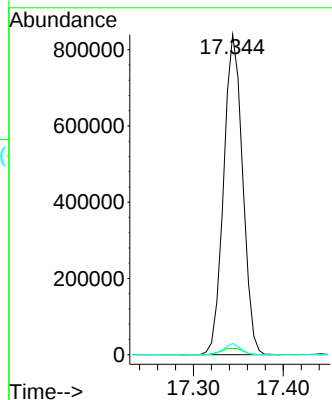
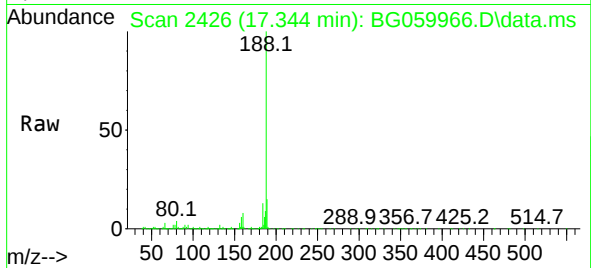




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.344 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BG059966.D
Acq: 6 Dec 2023 12:32

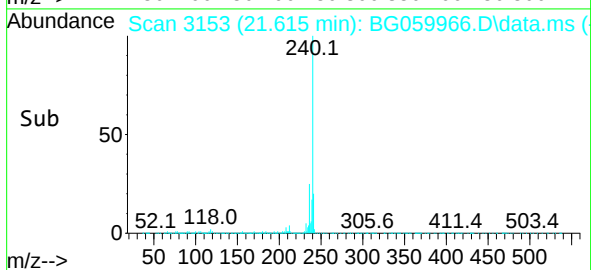
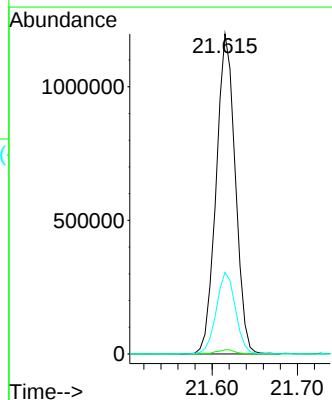
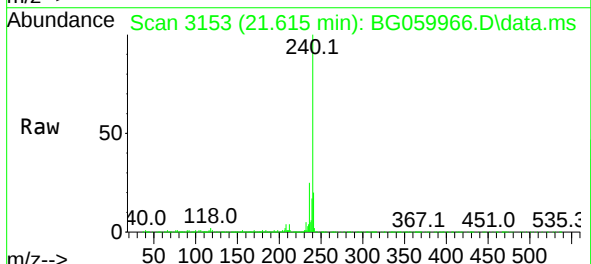
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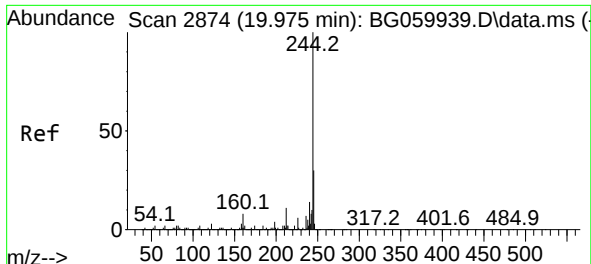
Tgt Ion:188 Resp: 1231004
Ion Ratio Lower Upper
188 100
94 2.0 1.8 2.6
80 3.6 2.2 3.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.615 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG059966.D
Acq: 6 Dec 2023 12:32

Tgt Ion:240 Resp: 1866327
Ion Ratio Lower Upper
240 100
120 1.3 1.0 1.4
236 25.5 20.8 31.2

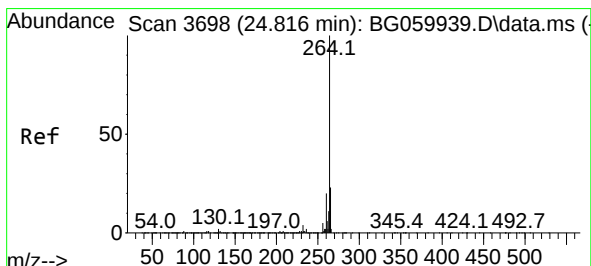
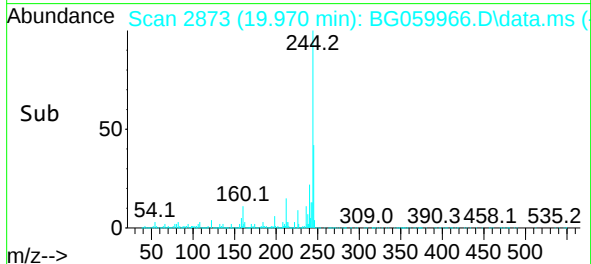
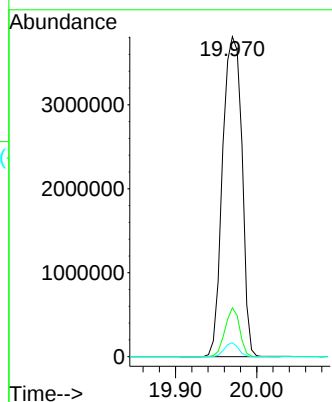
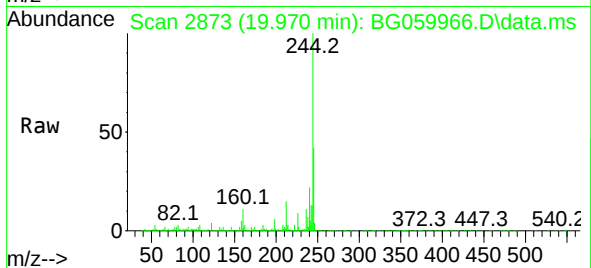




#79
 Terphenyl-d14
 Concen: 58.250 ng
 RT: 19.970 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG059966.D
 Acq: 6 Dec 2023 12:32

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 6306310
 Ion Ratio Lower Upper
 244 100
 212 15.2 8.6 13.0#
 122 4.4 2.1 3.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.811 min Scan# 3697
 Delta R.T. -0.005 min
 Lab File: BG059966.D
 Acq: 6 Dec 2023 12:32

Tgt Ion:264 Resp: 2159738
 Ion Ratio Lower Upper
 264 100
 260 23.1 15.8 23.6
 265 20.2 18.1 27.1

