

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058659.D
 Acq On : 9 Aug 2023 15:07
 Operator : MA/JU
 Sample : PB154732BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154732BL

Quant Time: Aug 09 15:43:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	36071	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	145162	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	104863	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	283121	20.000	ng	0.00
76) Chrysene-d12	21.450	240	295164	20.000	ng	0.00
86) Perylene-d12	24.517	264	366383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	320892	135.973	ng	0.00
7) Phenol-d6	6.984	99	428198	130.395	ng	0.00
23) Nitrobenzene-d5	8.976	82	249445	84.416	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	207628	120.800	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	594301	84.931	ng	0.00
79) Terphenyl-d14	19.828	244	1374134	87.548	ng	0.00

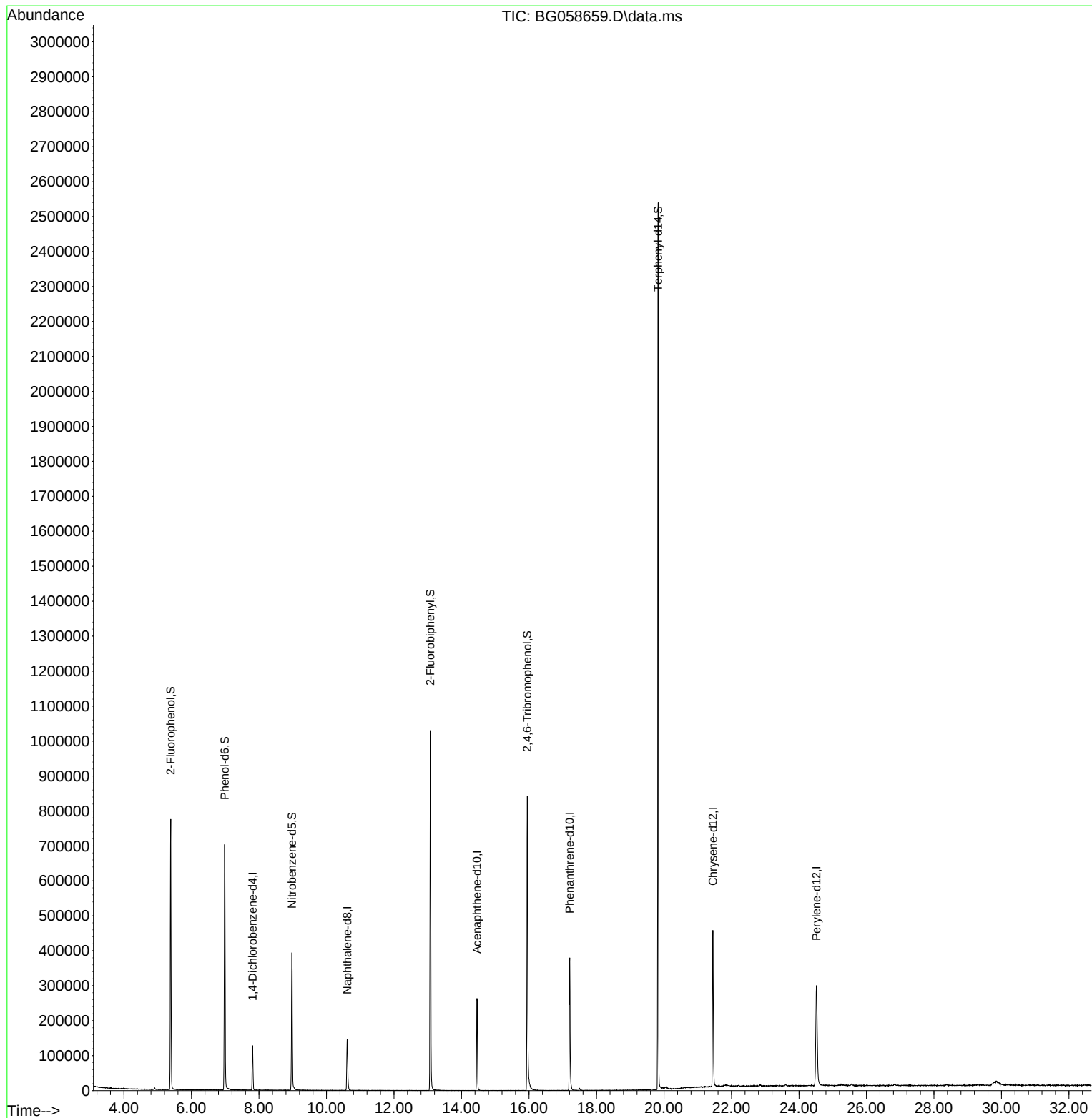
Target Compounds	Qvalue

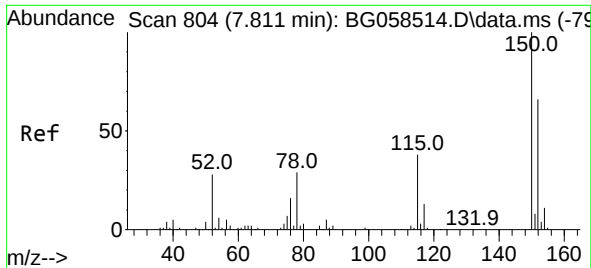
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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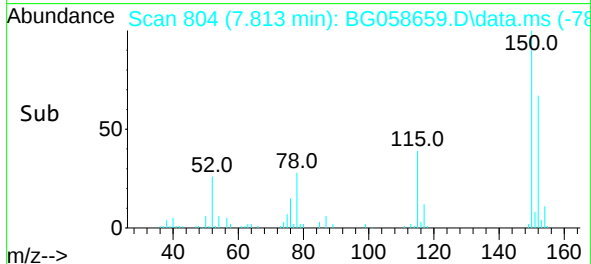
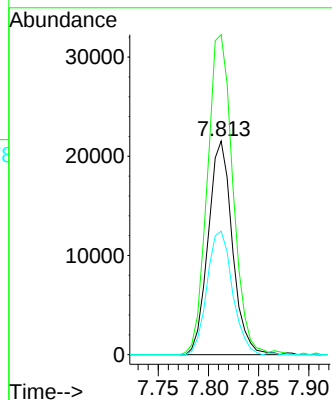
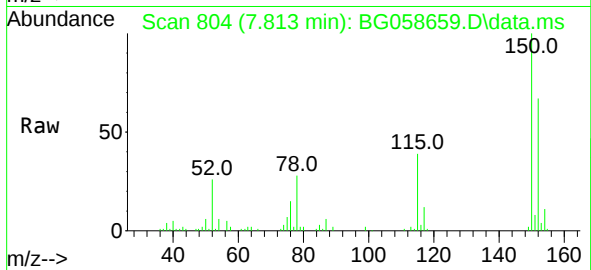




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07

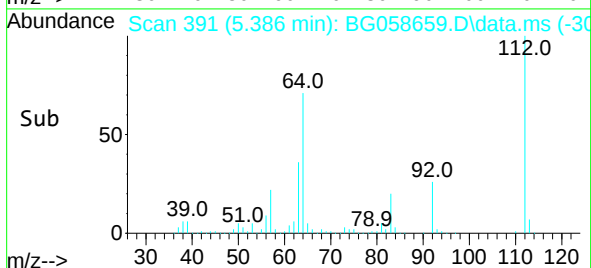
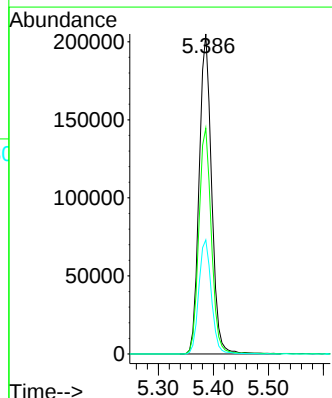
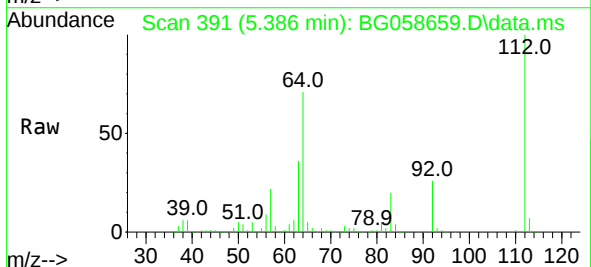
Instrument :
BNA_G
ClientSampleId :
PB154732BL

Tgt Ion:152 Resp: 36071
Ion Ratio Lower Upper
152 100
150 149.8 120.5 180.7
115 57.8 45.9 68.9



#5
2-Fluorophenol
Concen: 135.973 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07

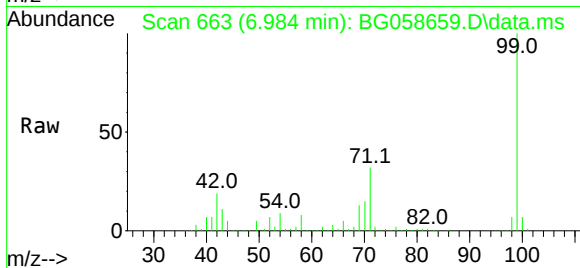
Tgt Ion:112 Resp: 320892
Ion Ratio Lower Upper
112 100
64 70.5 55.3 82.9
63 35.7 28.3 42.5



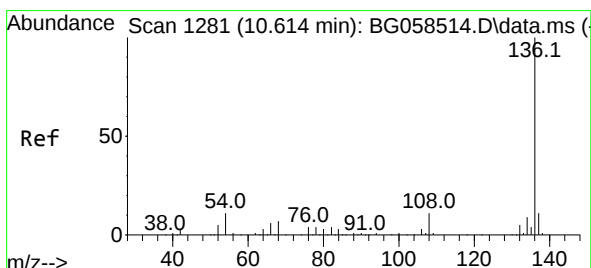
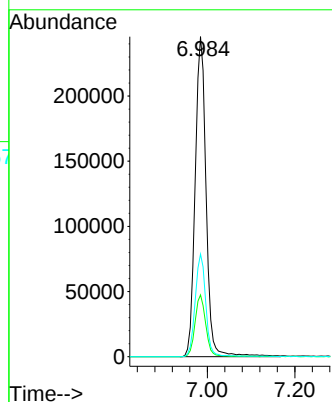
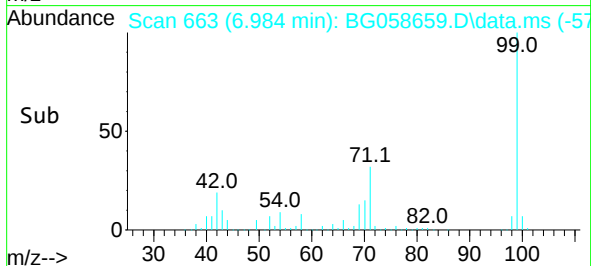


#7
Phenol-d6
Concen: 130.395 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07

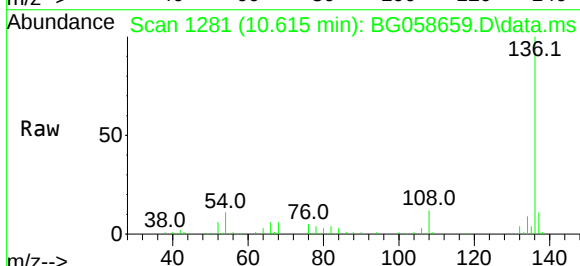
Instrument :
BNA_G
ClientSampleId :
PB154732BL



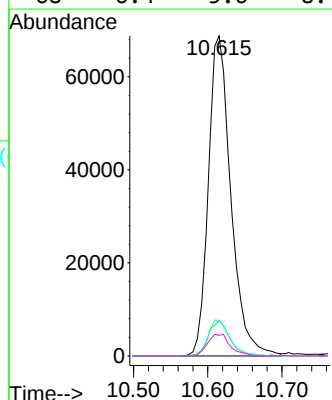
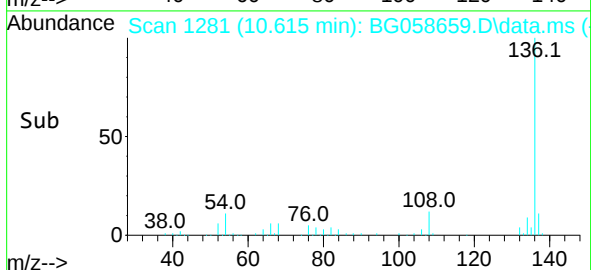
Tgt Ion: 99 Resp: 428198
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.002 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07



Tgt Ion: 136 Resp: 145162
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.1 8.9 13.3
68 6.4 5.6 8.4

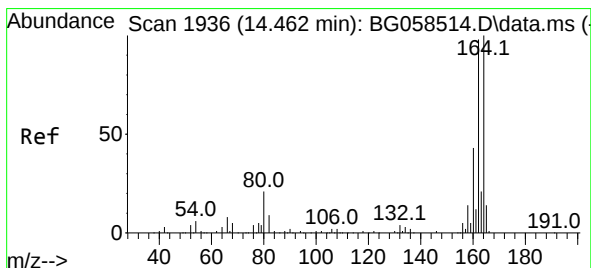
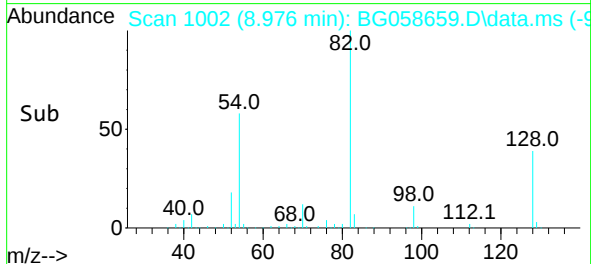
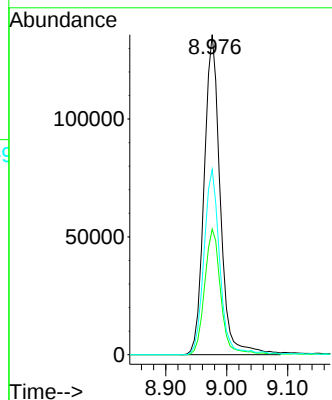
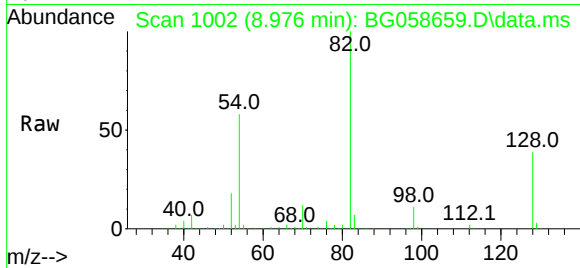




#23
Nitrobenzene-d5
Concen: 84.416 ng
RT: 8.976 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07

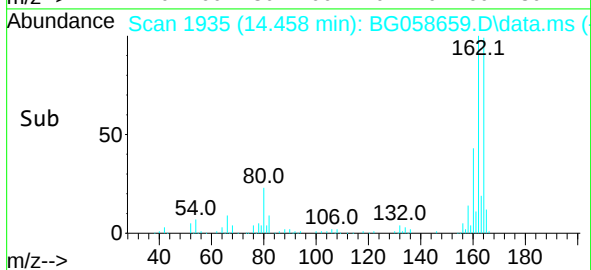
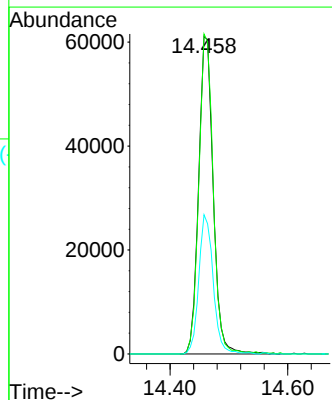
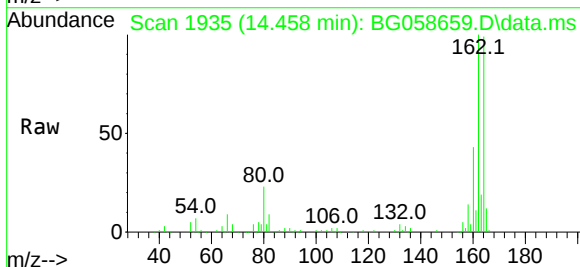
Instrument :
BNA_G
ClientSampleId :
PB154732BL

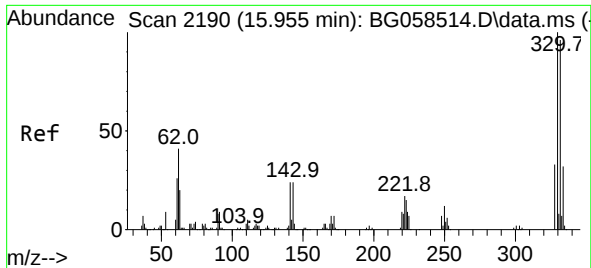
Tgt Ion: 82 Resp: 249445
Ion Ratio Lower Upper
82 100
128 39.3 32.2 48.2
54 57.9 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07

Tgt Ion:164 Resp: 104863
Ion Ratio Lower Upper
164 100
162 100.7 78.3 117.5
160 43.8 34.1 51.1

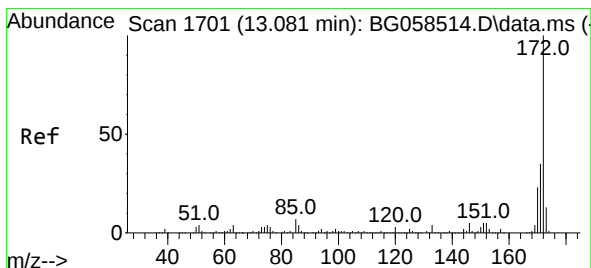
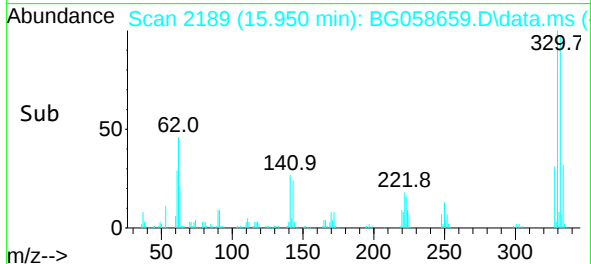
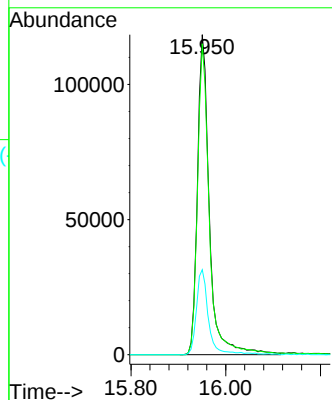
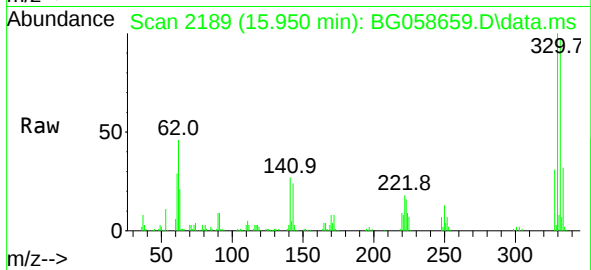




#42
2,4,6-Tribromophenol
Concen: 120.800 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07

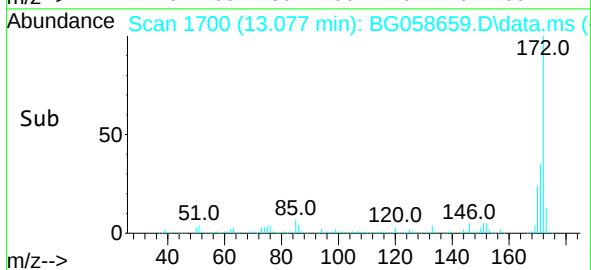
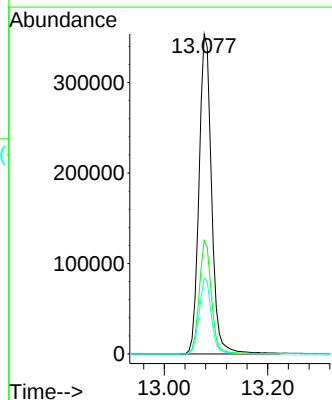
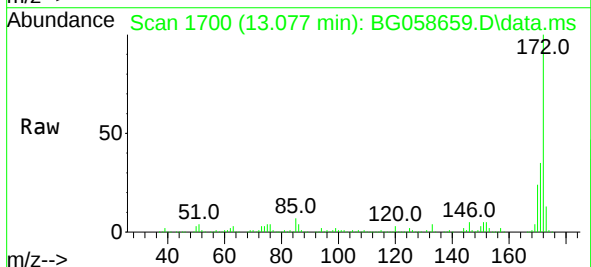
Instrument :
BNA_G
ClientSampleId :
PB154732BL

Tgt Ion:330 Resp: 207628
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 26.4 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 84.931 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.004 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07

Tgt Ion:172 Resp: 594301
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.7 18.4 27.6

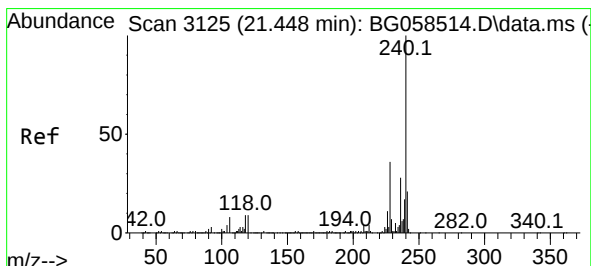
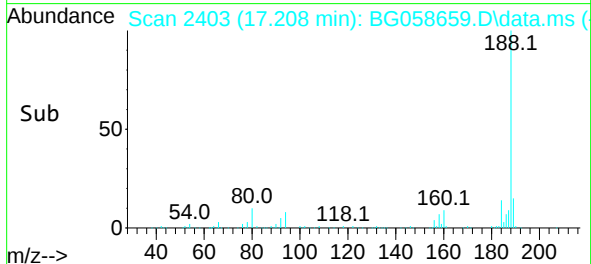
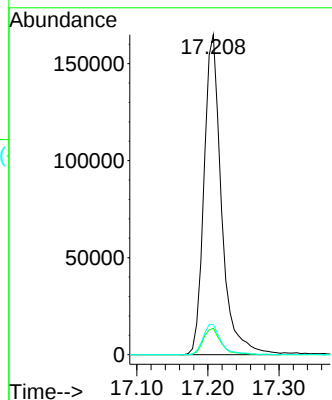
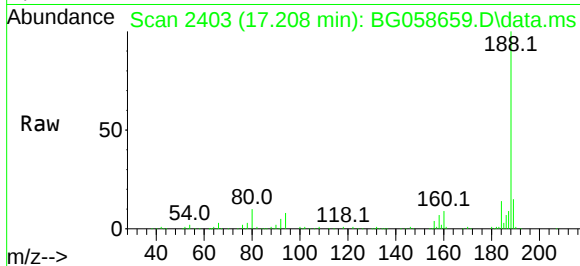




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 2403
Delta R.T. 0.002 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07

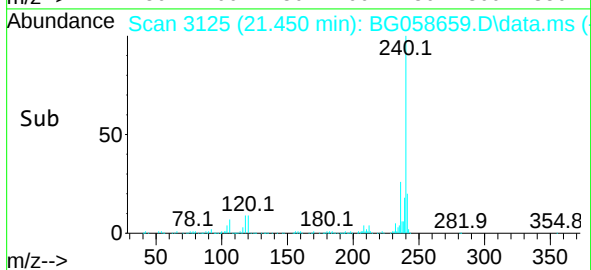
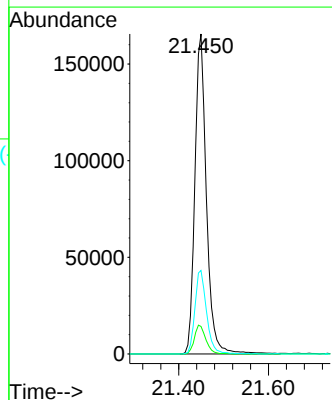
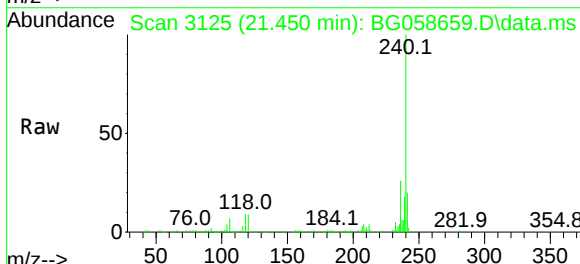
Instrument :
BNA_G
ClientSampleId :
PB154732BL

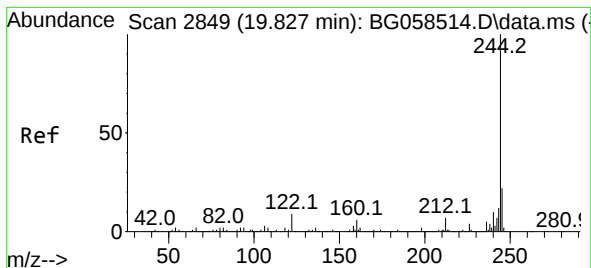
Tgt Ion:188 Resp: 283121
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058659.D
Acq: 9 Aug 2023 15:07

Tgt Ion:240 Resp: 295164
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.1 22.2 33.4





#79

Terphenyl-d14

Concen: 87.548 ng

RT: 19.828 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058659.D

Acq: 9 Aug 2023 15:07

Instrument :

BNA_G

ClientSampleId :

PB154732BL

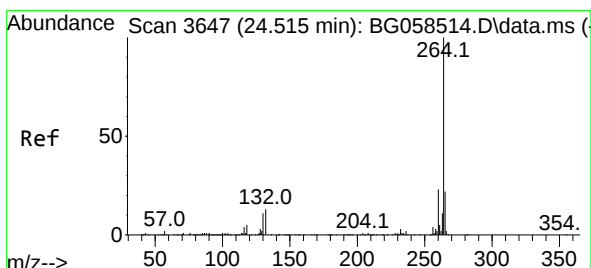
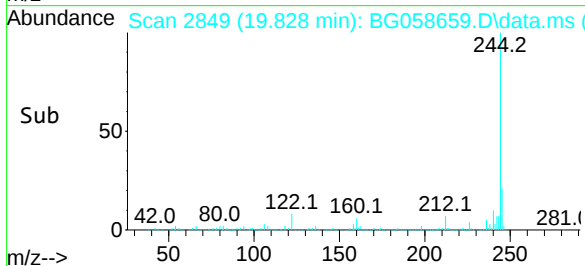
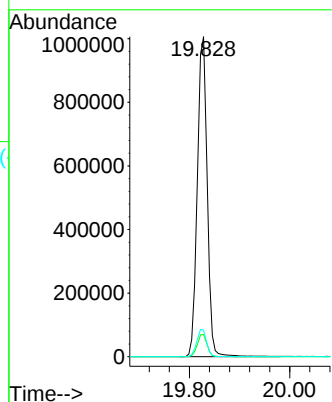
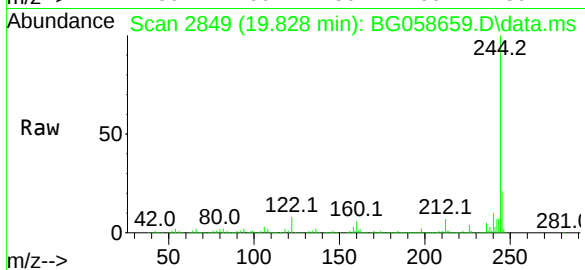
Tgt Ion:244 Resp: 1374134

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.3 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.517 min Scan# 3647

Delta R.T. 0.002 min

Lab File: BG058659.D

Acq: 9 Aug 2023 15:07

Tgt Ion:264 Resp: 366383

Ion Ratio Lower Upper

264 100

260 21.9 18.4 27.6

265 21.3 17.9 26.9

