

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058651.D
 Acq On : 9 Aug 2023 9:01
 Operator : MA/JU
 Sample : PB154669BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154669BL

Quant Time: Aug 09 12:19:35 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	7.811	152	43985	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	175183	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	117203	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	299251	20.000	ng	0.00
76) Chrysene-d12	21.448	240	303659	20.000	ng	0.00
86) Perylene-d12	24.521	264	373468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	417940	145.232	ng	0.00
7) Phenol-d6	6.983	99	550211	137.404	ng	0.00
23) Nitrobenzene-d5	8.975	82	329522	92.405	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	247483	128.828	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	741742	94.841	ng	0.00
79) Terphenyl-d14	19.827	244	1540441	95.398	ng	0.00

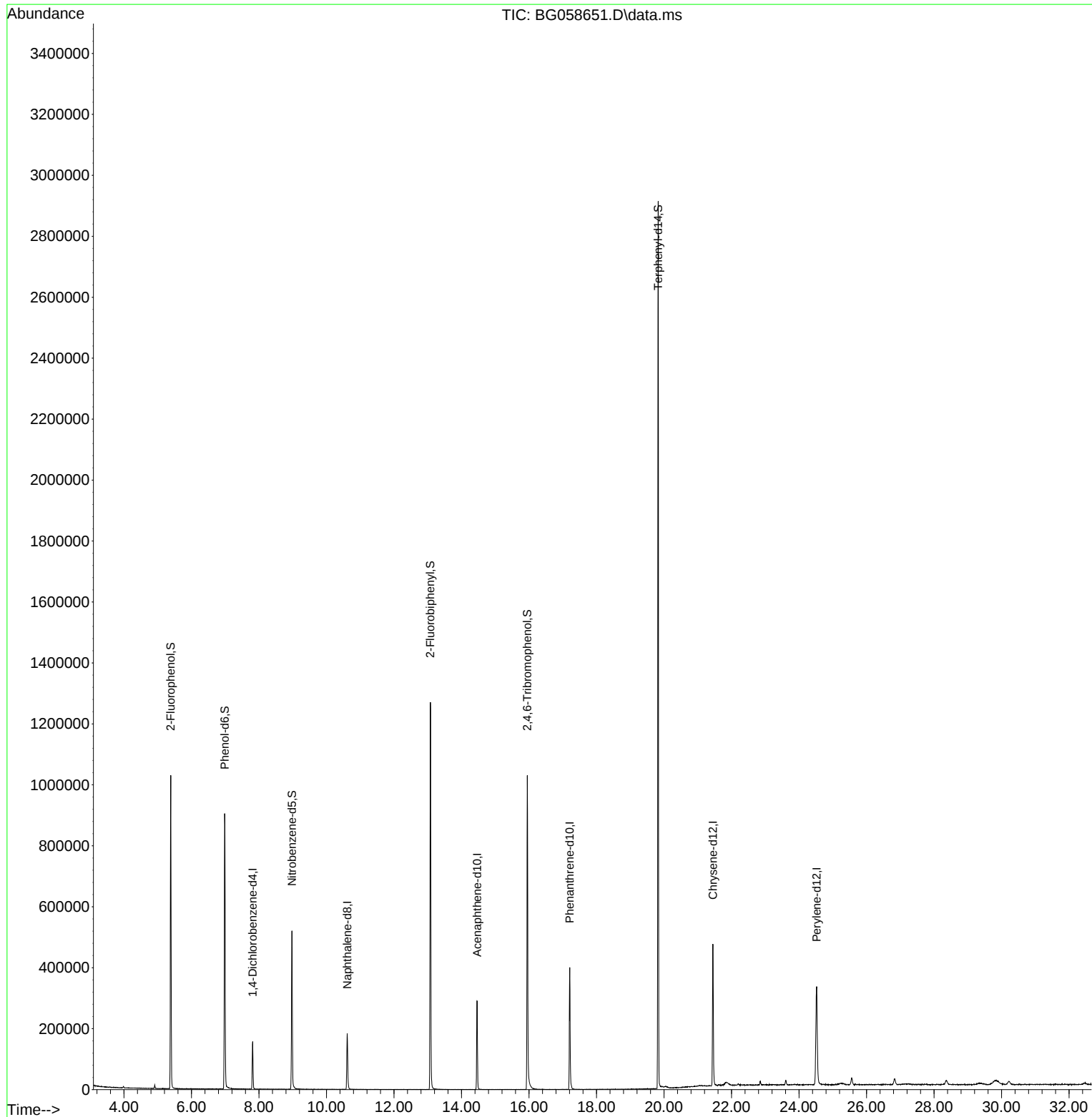
Target Compounds	Qvalue

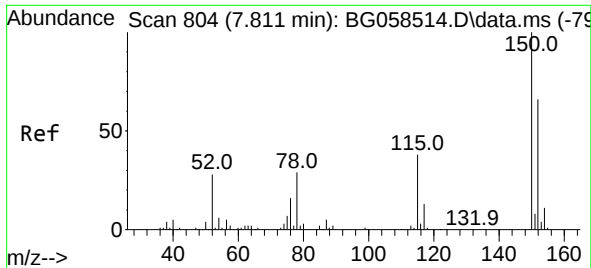
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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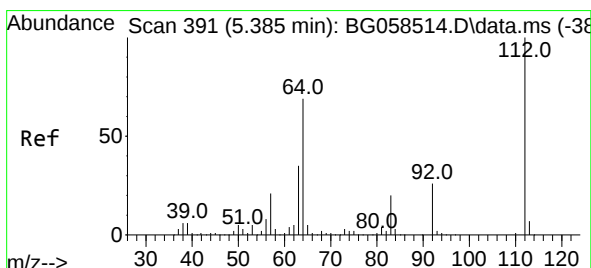
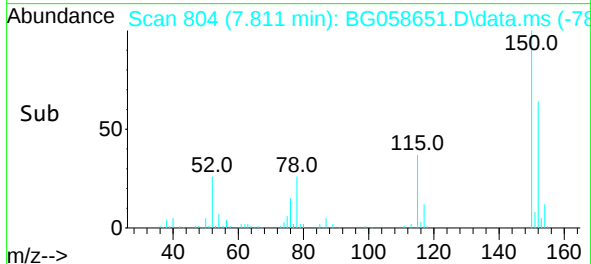
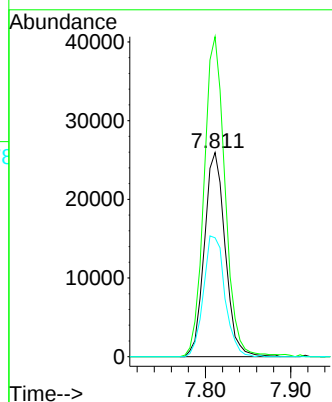
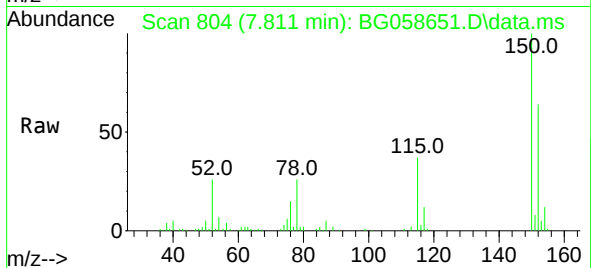




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

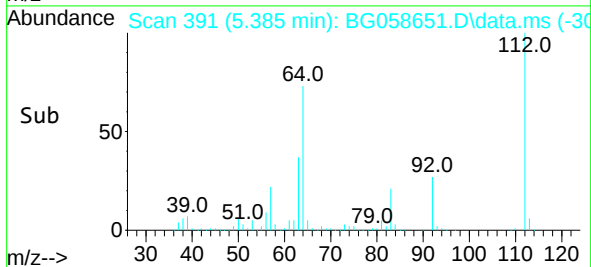
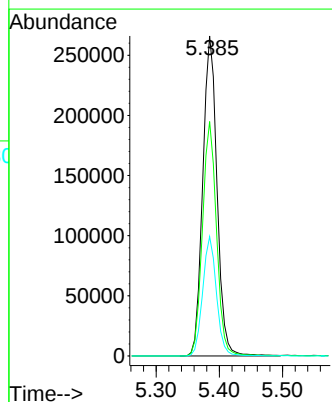
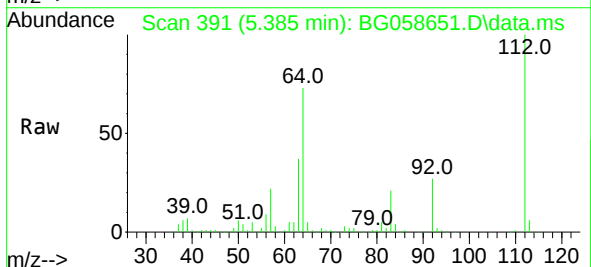
Instrument :
BNA_G
ClientSampleId :
PB154669BL

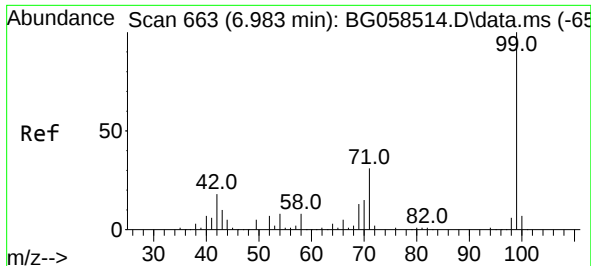
Tgt Ion:152 Resp: 43985
Ion Ratio Lower Upper
152 100
150 156.8 120.5 180.7
115 58.3 45.9 68.9



#5
2-Fluorophenol
Concen: 145.232 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

Tgt Ion:112 Resp: 417940
Ion Ratio Lower Upper
112 100
64 73.2 55.3 82.9
63 37.3 28.3 42.5

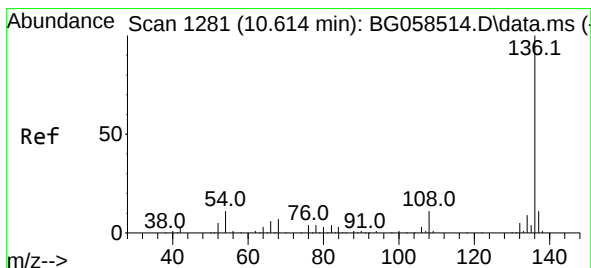
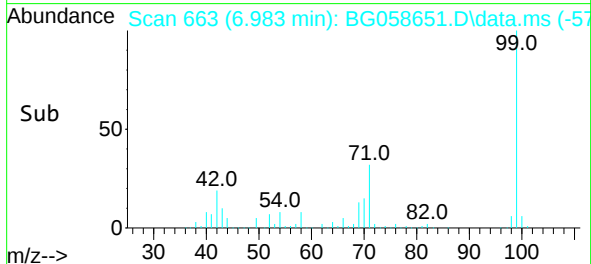
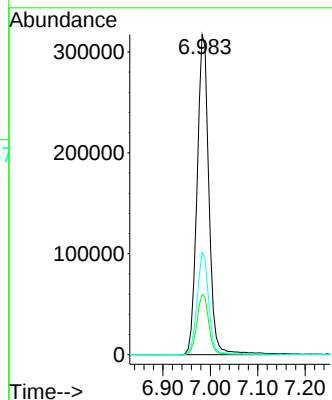
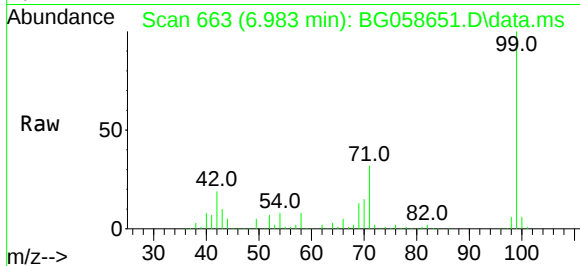




#7
Phenol-d6
Concen: 137.404 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

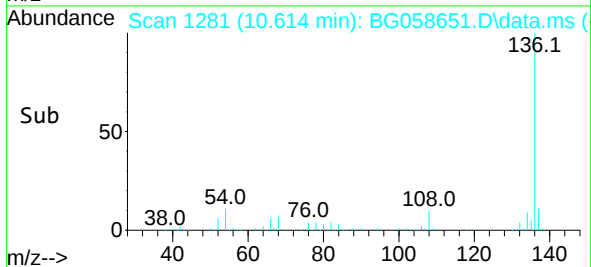
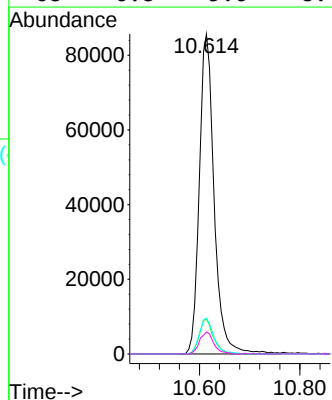
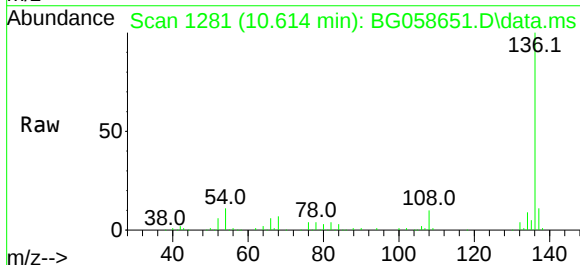
Instrument :
BNA_G
ClientSampleId :
PB154669BL

Tgt Ion: 99 Resp: 550211
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

Tgt Ion: 136 Resp: 175183
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.2 8.9 13.3
68 6.8 5.6 8.4

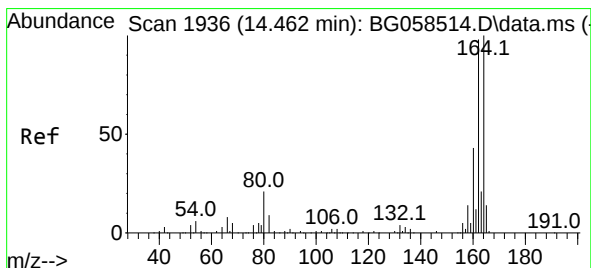
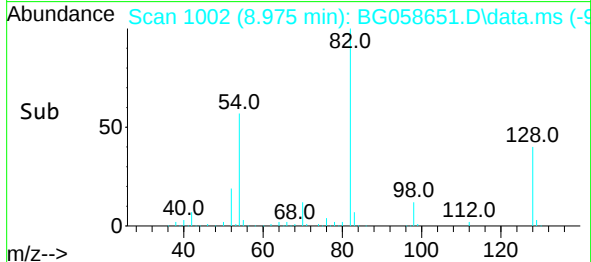
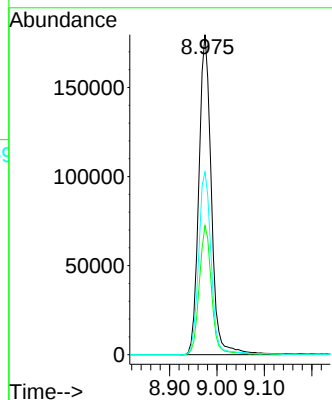
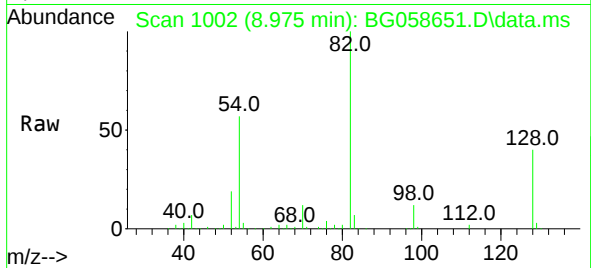




#23
Nitrobenzene-d5
Concen: 92.405 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

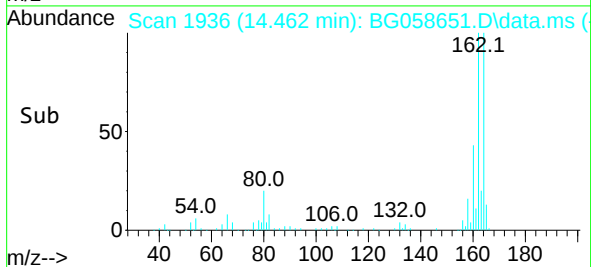
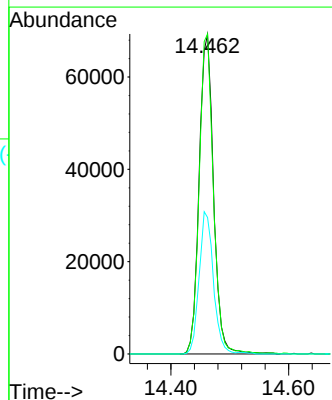
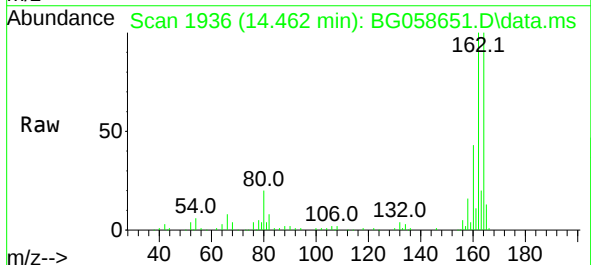
Instrument :
BNA_G
ClientSampleId :
PB154669BL

Tgt Ion: 82 Resp: 329522
Ion Ratio Lower Upper
82 100
128 40.4 32.2 48.2
54 57.1 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058651.D
Acq: 9 Aug 2023 9:01

Tgt Ion:164 Resp: 117203
Ion Ratio Lower Upper
164 100
162 100.1 78.3 117.5
160 42.7 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 128.828 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058651.D

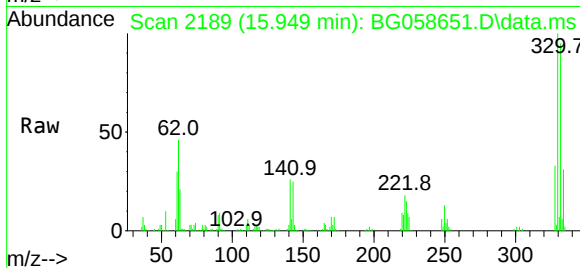
Acq: 9 Aug 2023 9:01

Instrument :

BNA_G

ClientSampleId :

PB154669BL



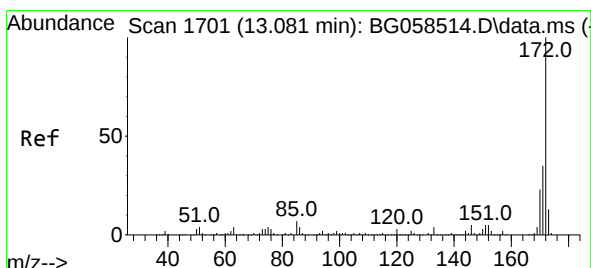
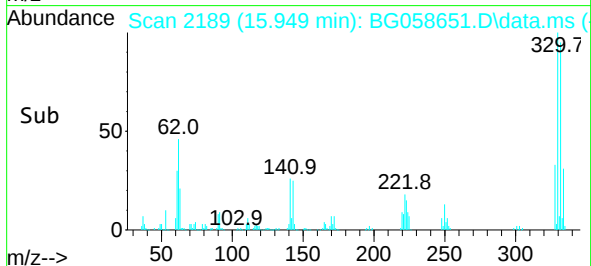
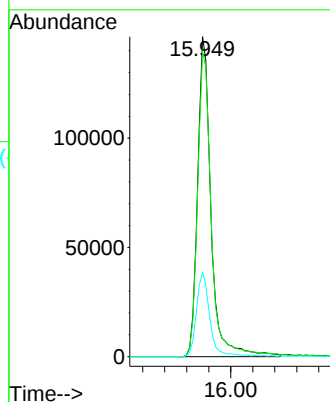
Tgt Ion:330 Resp: 247483

Ion Ratio Lower Upper

330 100

332 97.5 77.5 116.3

141 26.0 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 94.841 ng

RT: 13.076 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BG058651.D

Acq: 9 Aug 2023 9:01

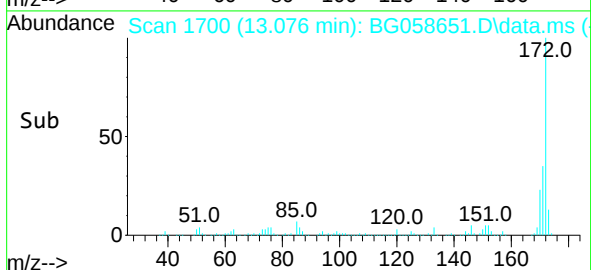
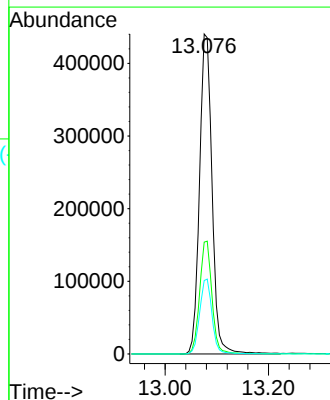
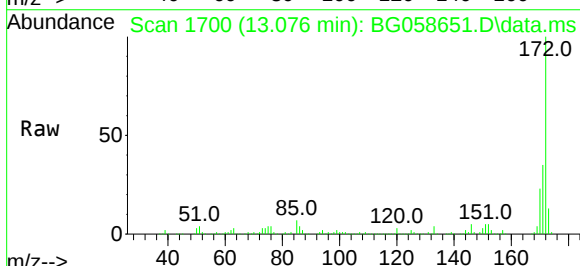
Tgt Ion:172 Resp: 741742

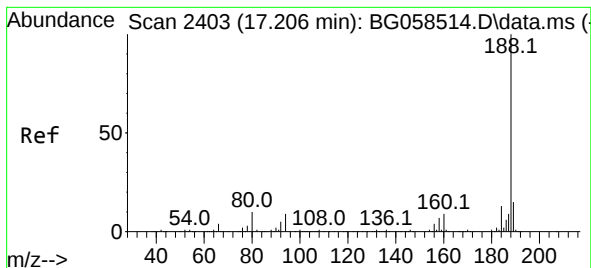
Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 22.9 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058651.D

Acq: 9 Aug 2023 9:01

Instrument :

BNA_G

ClientSampleId :

PB154669BL

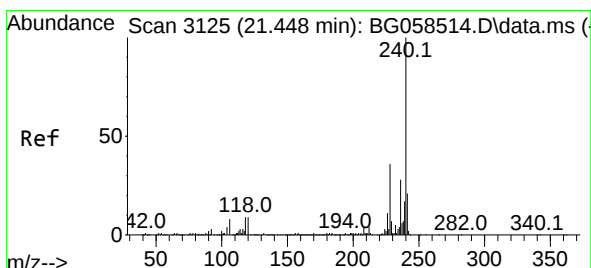
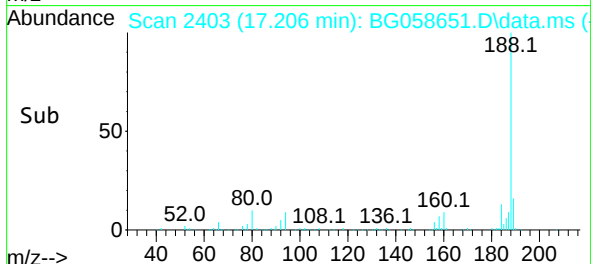
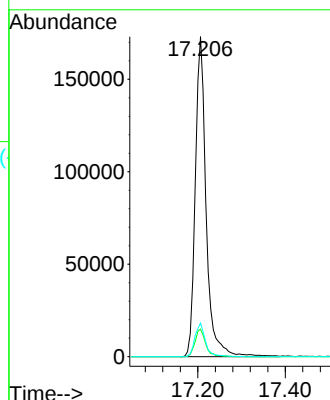
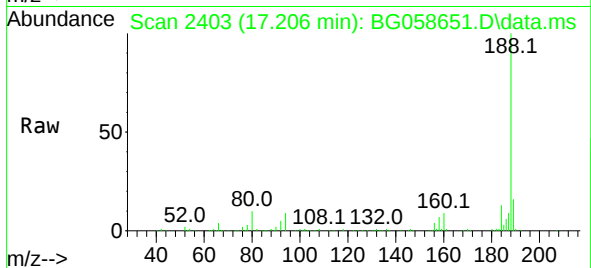
Tgt Ion:188 Resp: 299251

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 10.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.448 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG058651.D

Acq: 9 Aug 2023 9:01

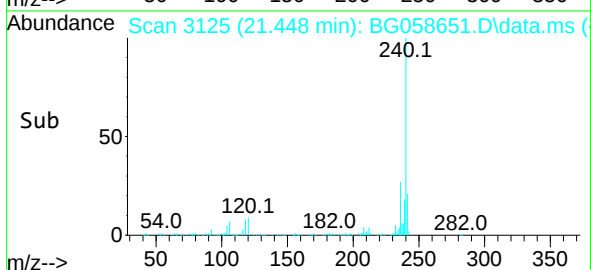
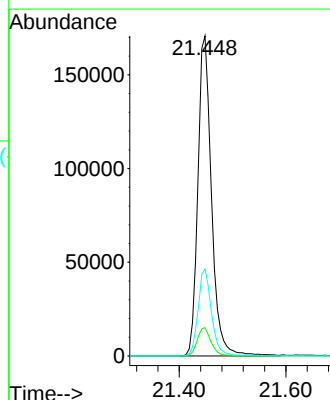
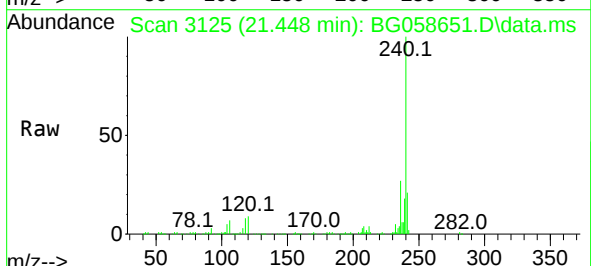
Tgt Ion:240 Resp: 303659

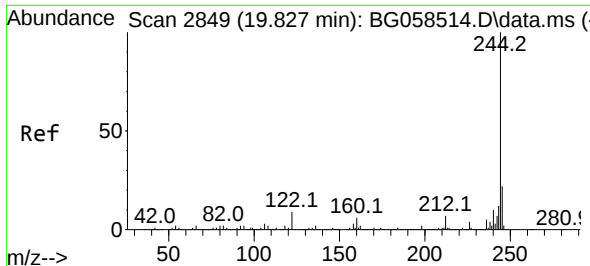
Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

236 27.1 22.2 33.4

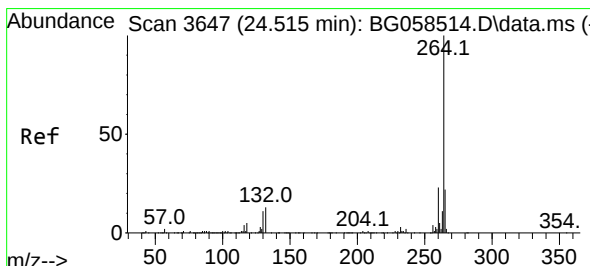
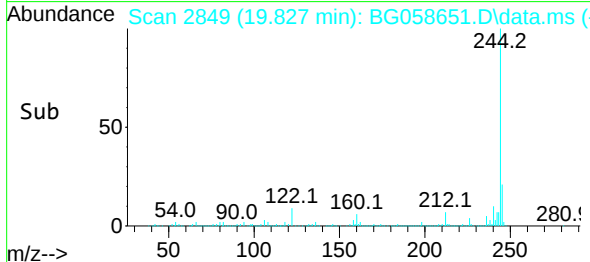
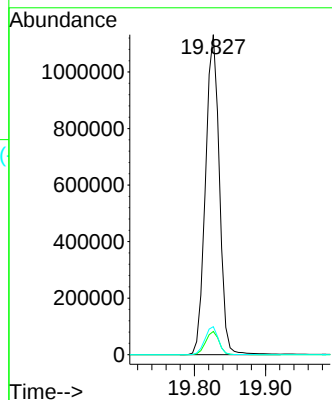
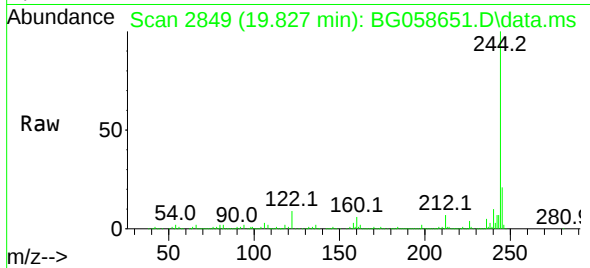




#79
 Terphenyl-d14
 Concen: 95.398 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058651.D
 Acq: 9 Aug 2023 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB154669BL

Tgt Ion:244 Resp: 1540441
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.8 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. 0.006 min
 Lab File: BG058651.D
 Acq: 9 Aug 2023 9:01

Tgt Ion:264 Resp: 373468
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.4 17.9 26.9

