

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058821.D
 Acq On : 23 Aug 2023 14:13
 Operator : MA/JU
 Sample : 04091-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: Aug 23 15:02:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	17160	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	80627	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	66195	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	175033	20.000	ng	0.00
76) Chrysene-d12	21.449	240	153425	20.000	ng	0.00
86) Perylene-d12	24.521	264	187961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	92913	87.133	ng	0.00
7) Phenol-d6	6.977	99	134541	89.929	ng	0.00
23) Nitrobenzene-d5	8.969	82	80282	47.872	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	85504	82.380	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	201628	44.302	ng	0.00
79) Terphenyl-d14	19.821	244	413317	48.372	ng	0.00

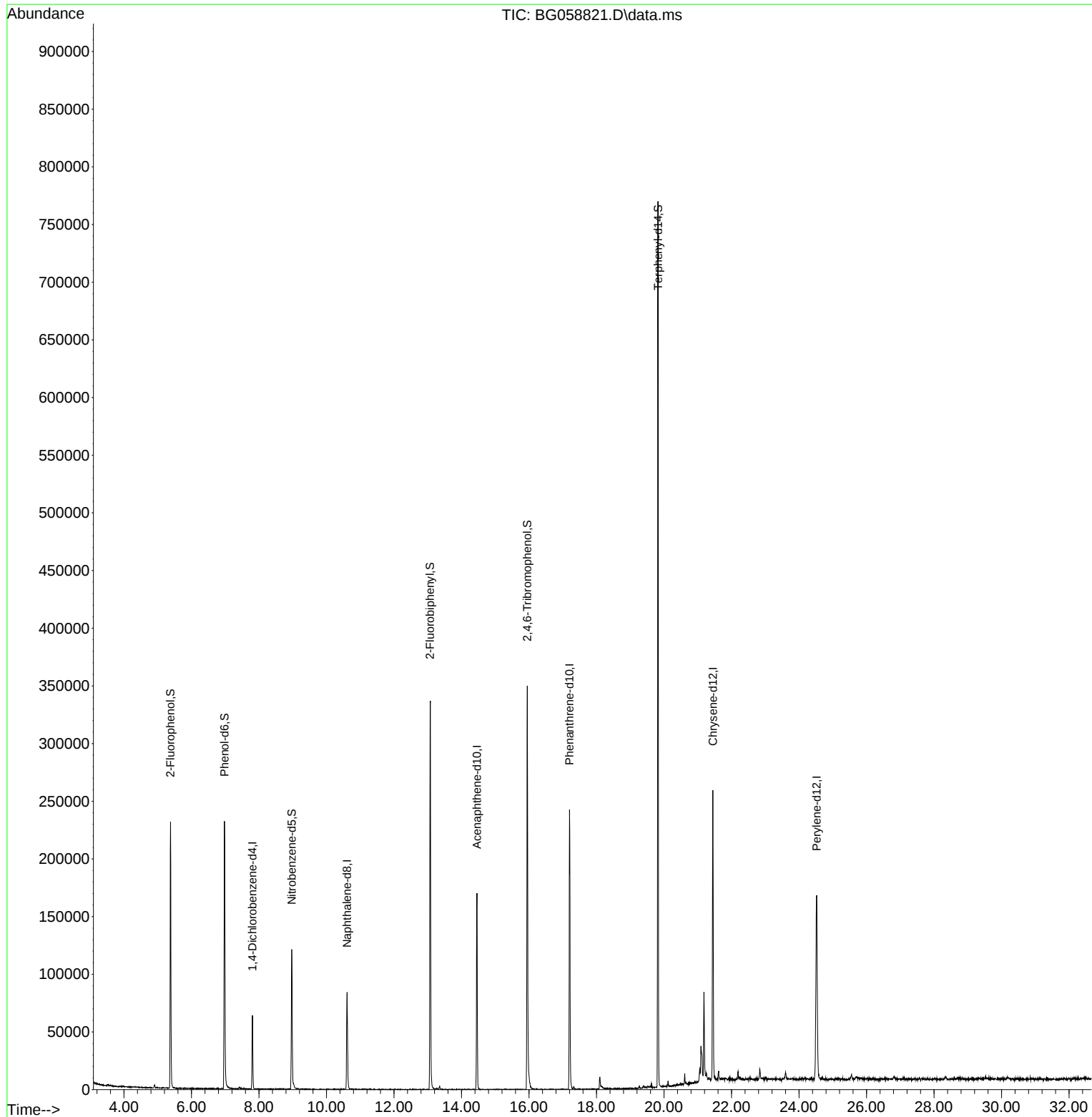
Target Compounds	Qvalue

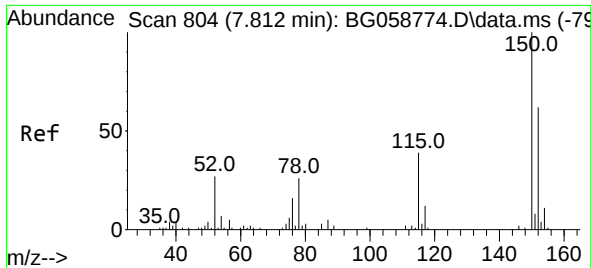
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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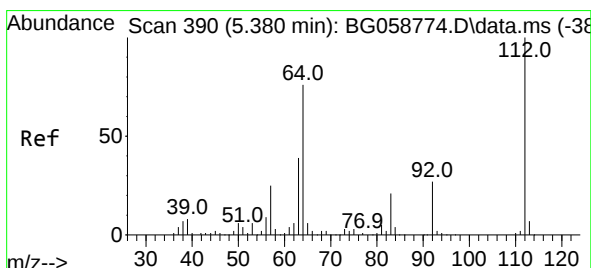
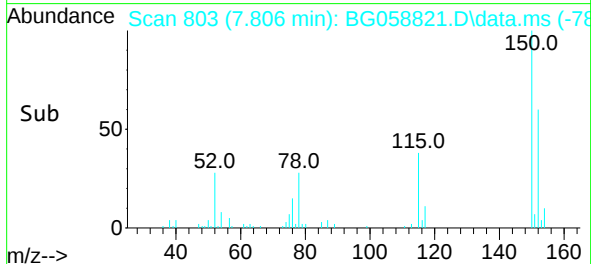
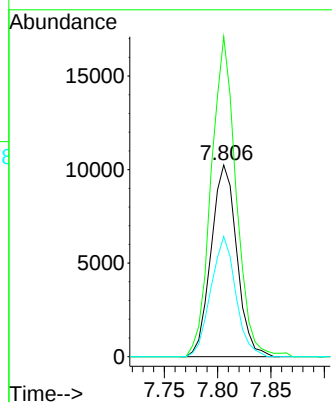
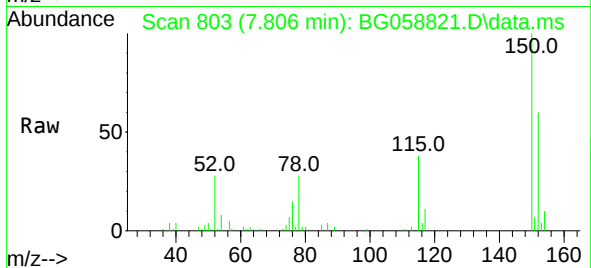




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

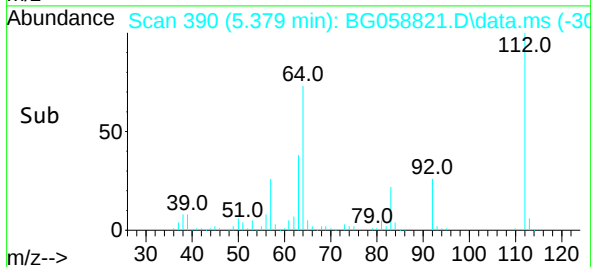
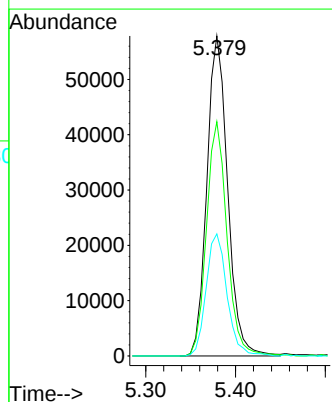
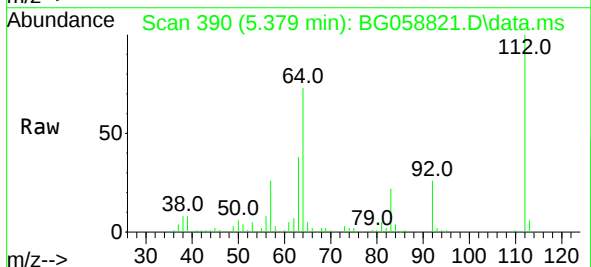
Instrument :
BNA_G
ClientSampleId :
TP-B

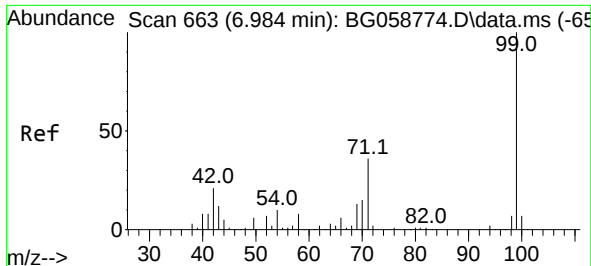
Tgt Ion:152 Resp: 17160
Ion Ratio Lower Upper
152 100
150 166.9 128.6 192.8
115 62.7 50.4 75.6



#5
2-Fluorophenol
Concen: 87.133 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

Tgt Ion:112 Resp: 92913
Ion Ratio Lower Upper
112 100
64 73.2 60.6 90.8
63 38.2 31.0 46.4

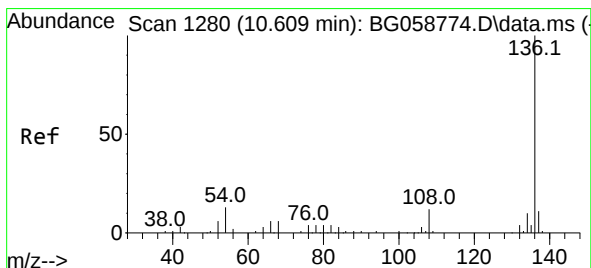
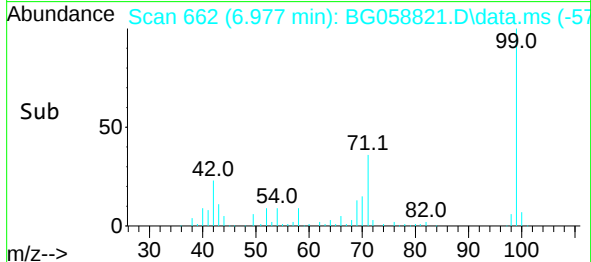
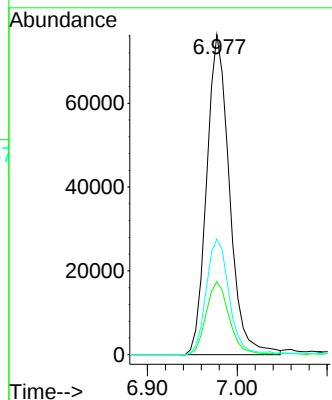
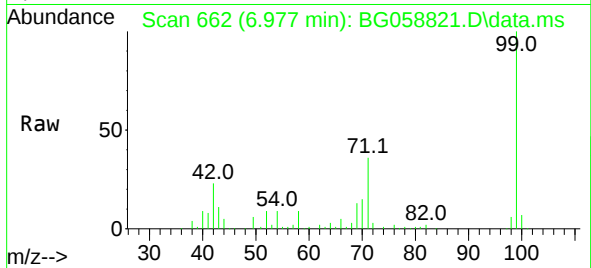




#7
Phenol-d6
Concen: 89.929 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

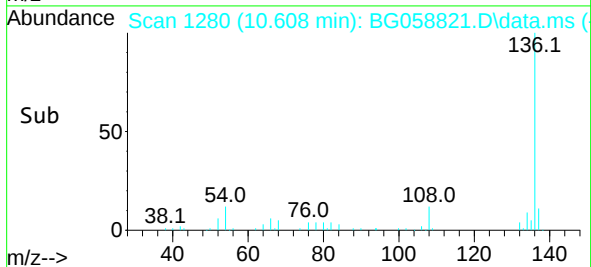
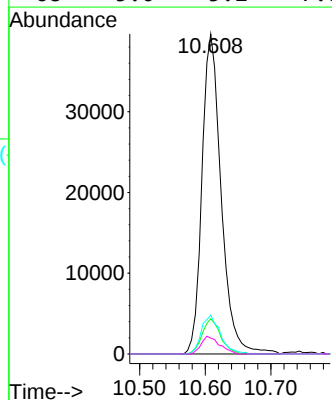
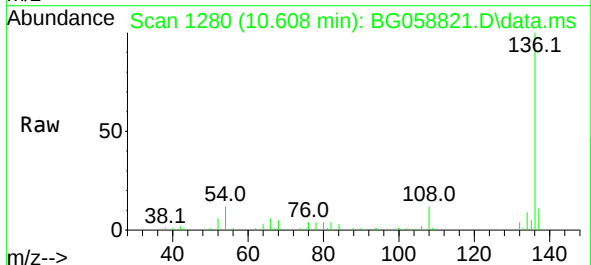
Instrument :
BNA_G
ClientSampleId :
TP-B

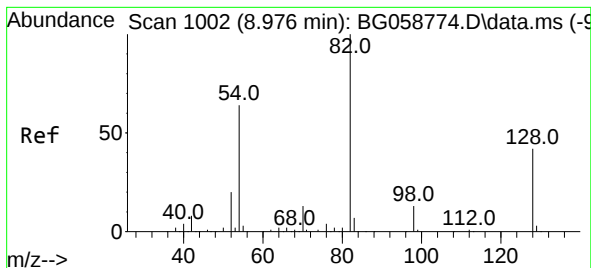
Tgt Ion: 99 Resp: 134541
Ion Ratio Lower Upper
99 100
42 22.8 16.5 24.7
71 36.2 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

Tgt Ion: 136 Resp: 80627
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 12.2 10.1 15.1
68 5.0 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 47.872 ng

RT: 8.969 min Scan# 1002

Delta R.T. -0.007 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

Instrument :

BNA_G

ClientSampleId :

TP-B

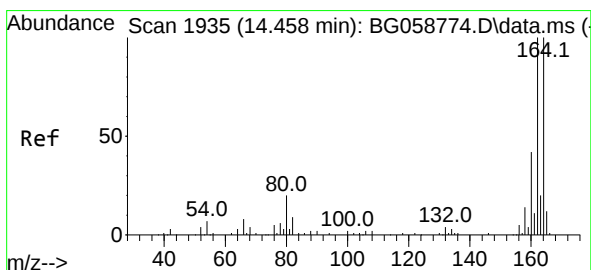
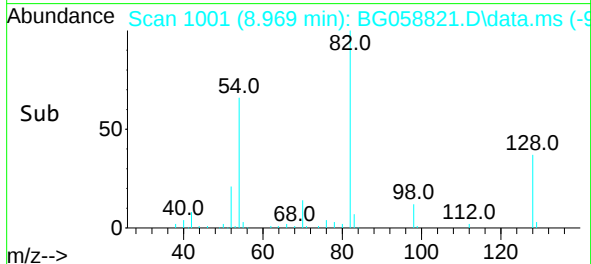
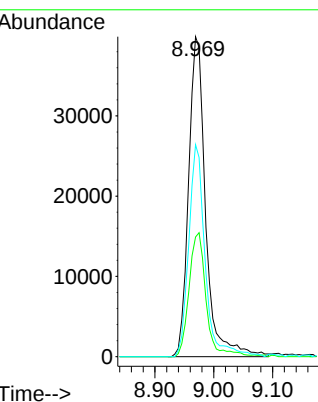
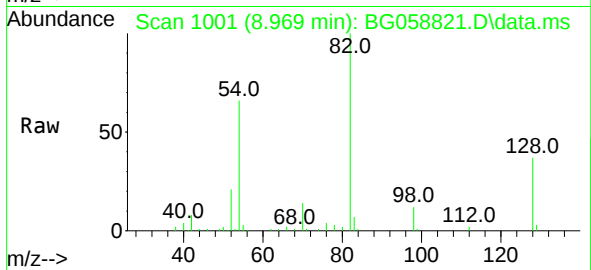
Tgt Ion: 82 Resp: 80282

Ion Ratio Lower Upper

82 100

128 37.4 33.2 49.8

54 66.3 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.001 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

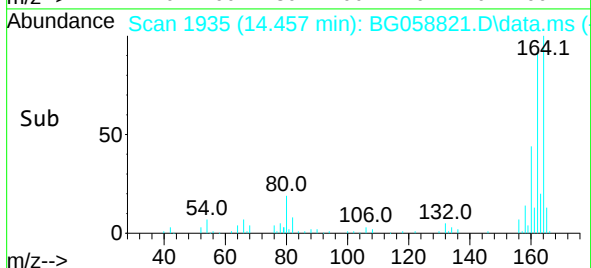
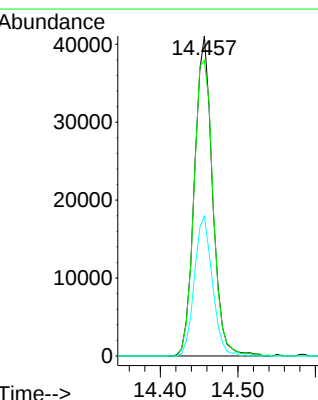
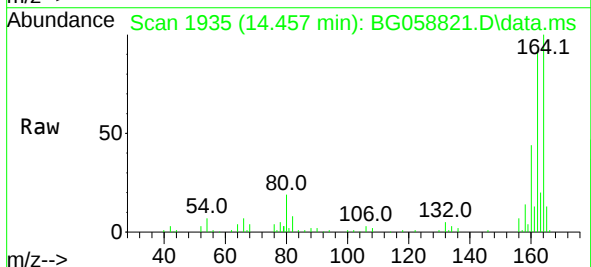
Tgt Ion:164 Resp: 66195

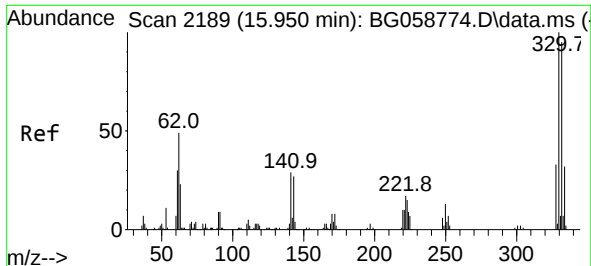
Ion Ratio Lower Upper

164 100

162 92.3 79.6 119.4

160 43.7 34.0 51.0

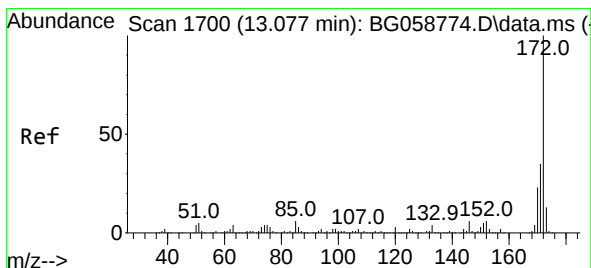
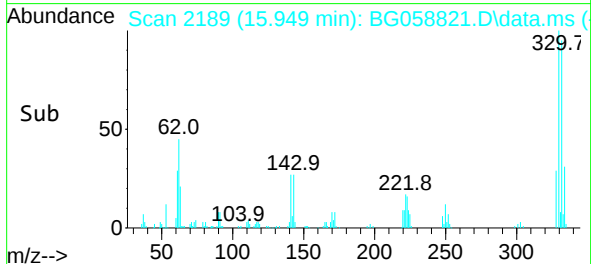
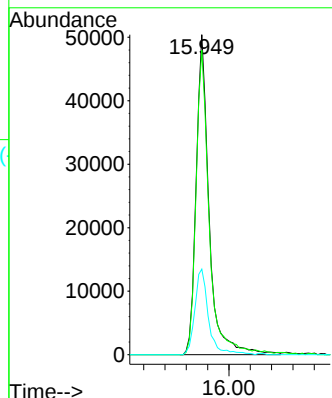
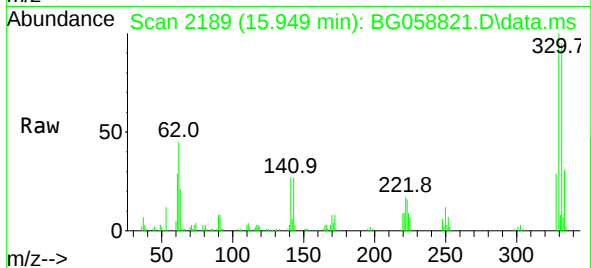




#42
2,4,6-Tribromophenol
Concen: 82.380 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

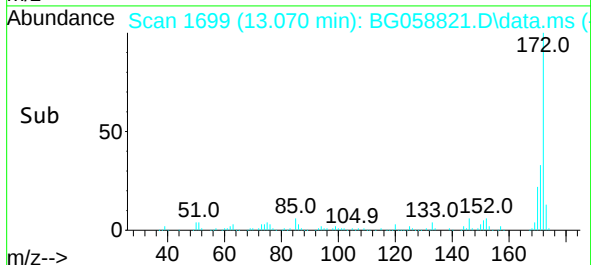
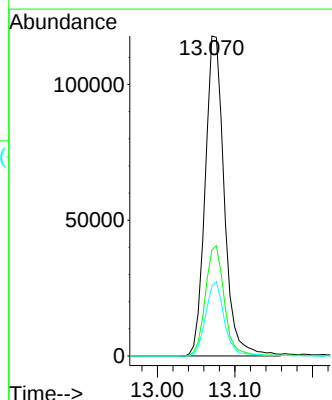
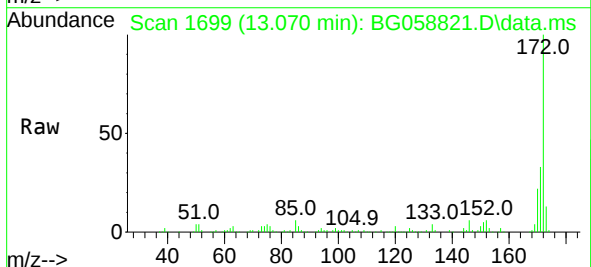
Instrument :
BNA_G
ClientSampleId :
TP-B

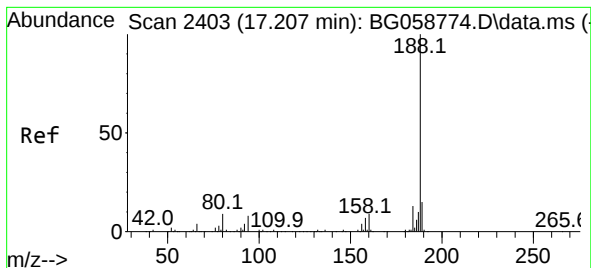
Tgt Ion:330 Resp: 85504
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 28.1 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 44.302 ng
RT: 13.070 min Scan# 1699
Delta R.T. -0.007 min
Lab File: BG058821.D
Acq: 23 Aug 2023 14:13

Tgt Ion:172 Resp: 201628
Ion Ratio Lower Upper
172 100
171 33.2 28.1 42.1
170 21.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2402

Delta R.T. -0.007 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

Instrument :

BNA_G

ClientSampleId :

TP-B

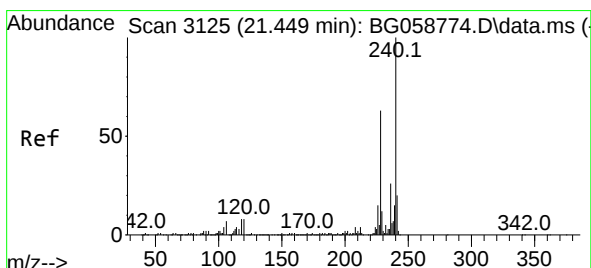
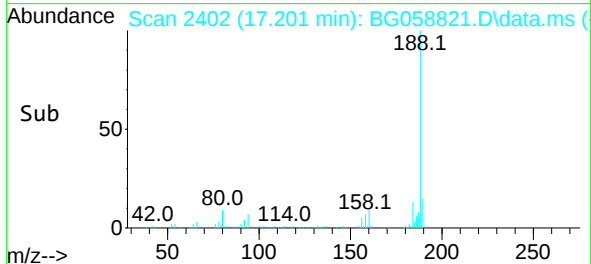
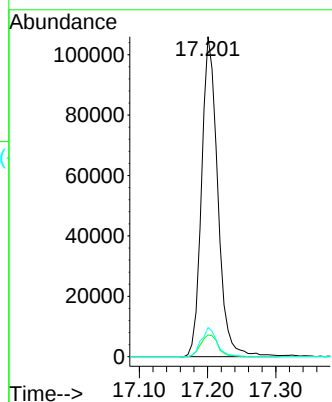
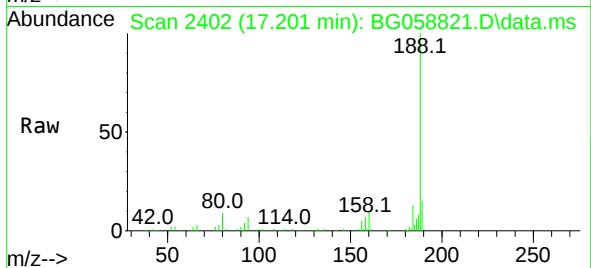
Tgt Ion:188 Resp: 175033

Ion Ratio Lower Upper

188 100

94 6.8 6.1 9.1

80 9.1 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. -0.001 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

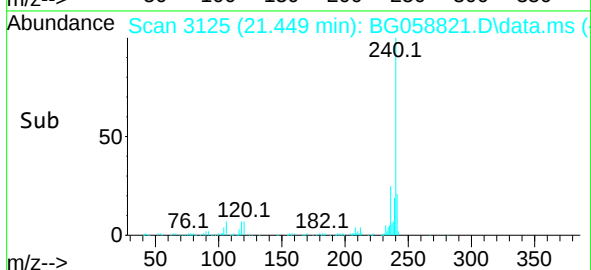
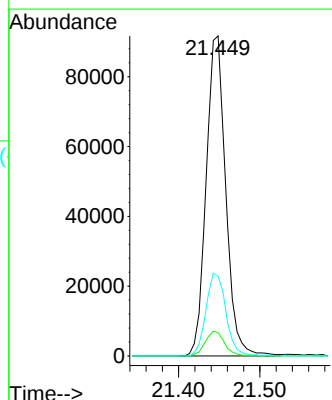
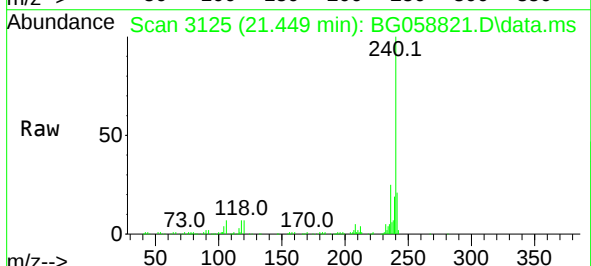
Tgt Ion:240 Resp: 153425

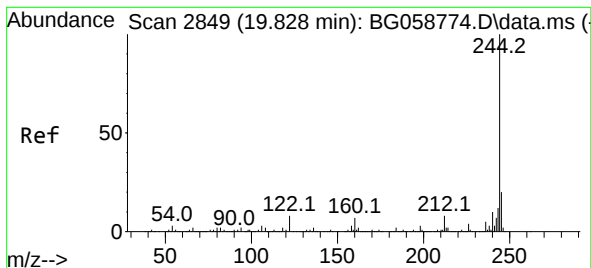
Ion Ratio Lower Upper

240 100

120 7.2 6.2 9.2

236 24.9 20.5 30.7





#79

Terphenyl-d14

Concen: 48.372 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

Instrument :

BNA_G

ClientSampleId :

TP-B

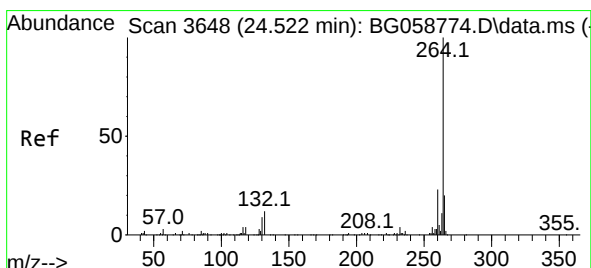
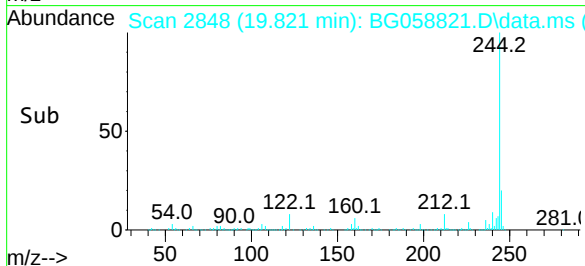
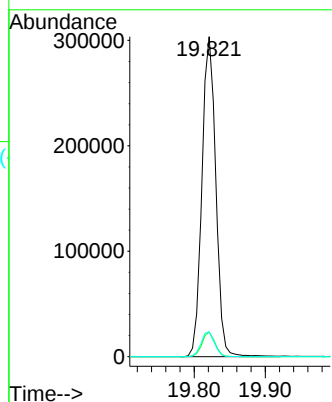
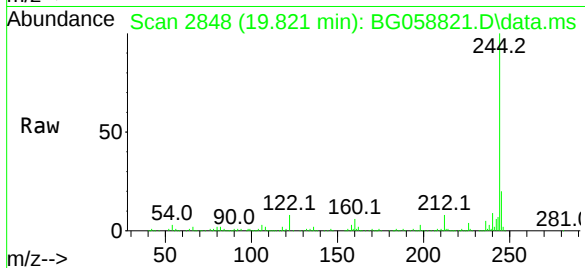
Tgt Ion:244 Resp: 413317

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.521 min Scan# 3648

Delta R.T. -0.001 min

Lab File: BG058821.D

Acq: 23 Aug 2023 14:13

Tgt Ion:264 Resp: 187961

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 21.4 16.4 24.6

