

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058804.D
 Acq On : 22 Aug 2023 11:37
 Operator : MA/JU
 Sample : 04090-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-I

Quant Time: Aug 22 12:12:09 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	25849	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	106412	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	73310	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	190442	20.000	ng	0.00
76) Chrysene-d12	21.443	240	186433	20.000	ng	0.00
86) Perylene-d12	24.516	264	235040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	115061	71.633	ng	0.00
7) Phenol-d6	6.978	99	155694	69.086	ng	0.00
23) Nitrobenzene-d5	8.969	82	92876	41.962	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	81803	71.165	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	209779	41.620	ng	0.00
79) Terphenyl-d14	19.821	244	411861	39.668	ng	0.00

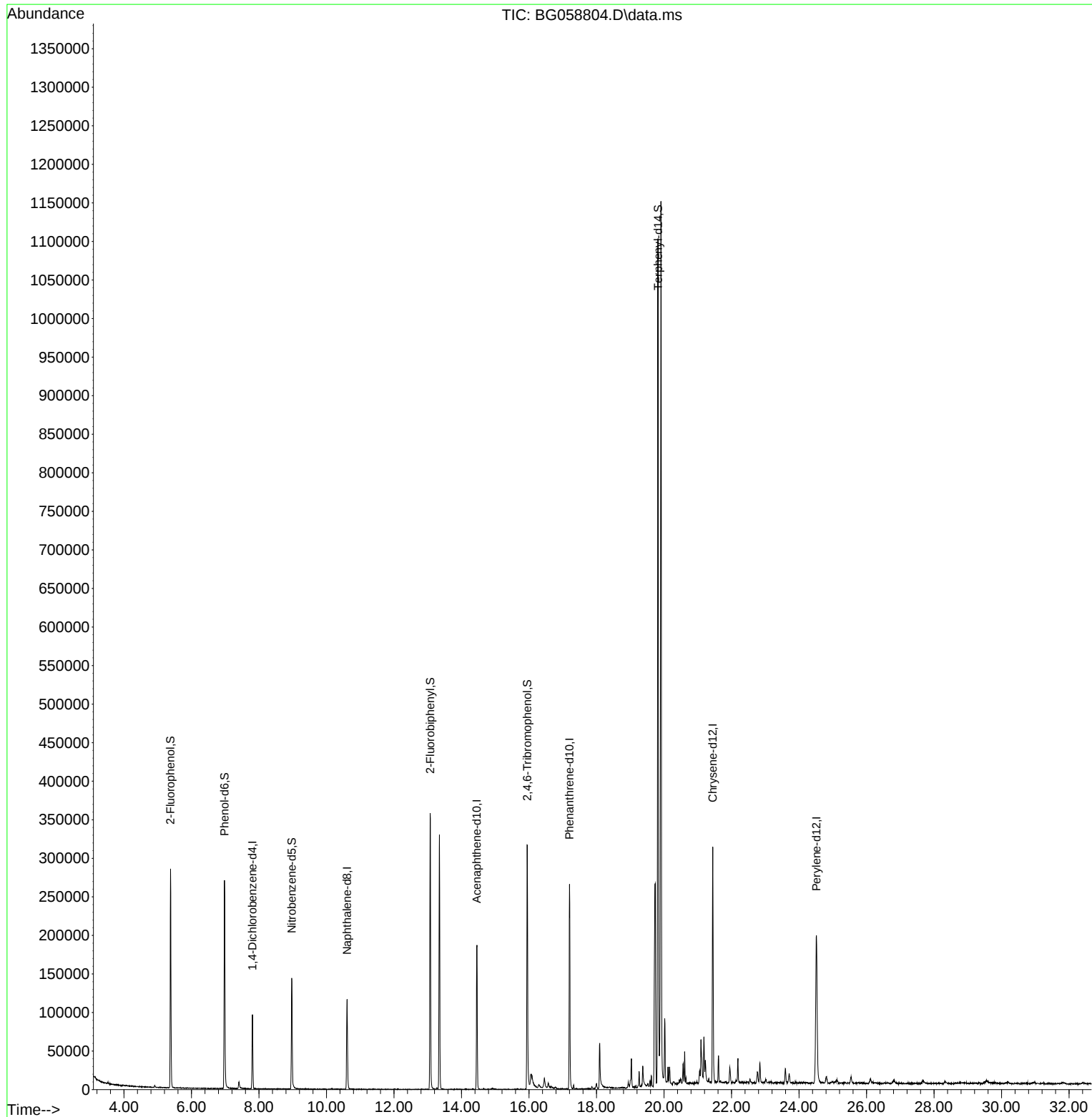
Target Compounds	Qvalue

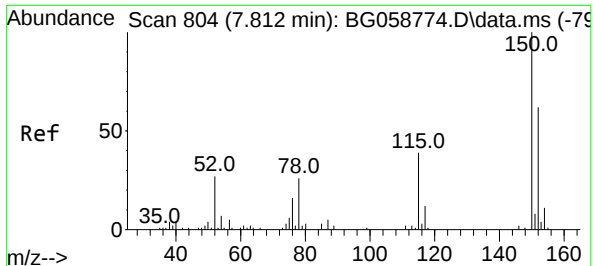
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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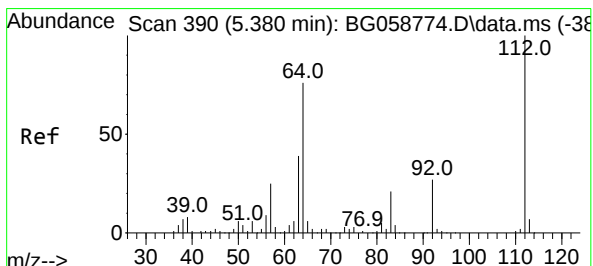
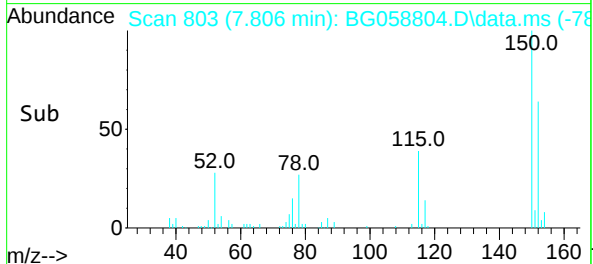
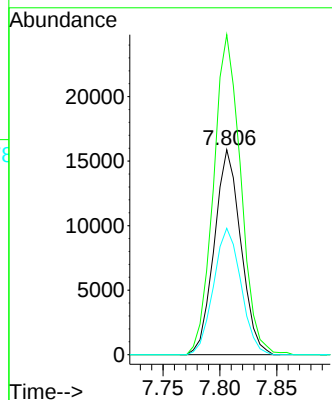
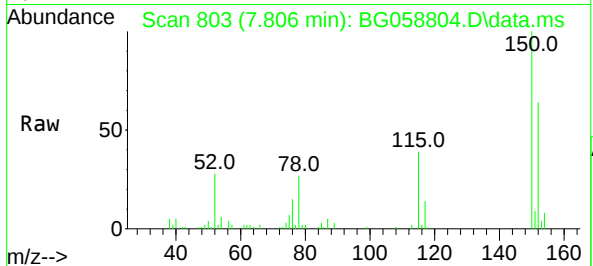




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058804.D
Acq: 22 Aug 2023 11:37

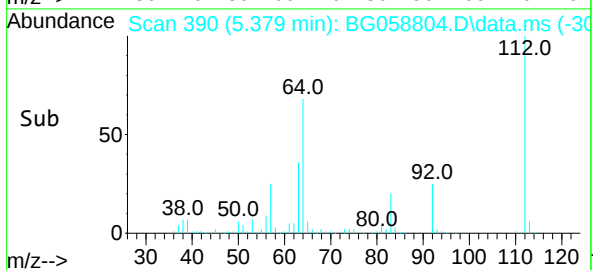
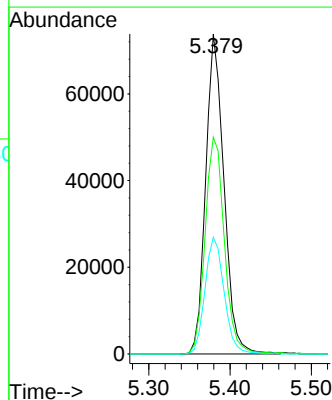
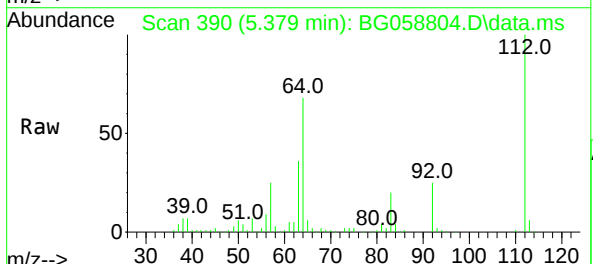
Instrument :
BNA_G
ClientSampleId :
TP-I

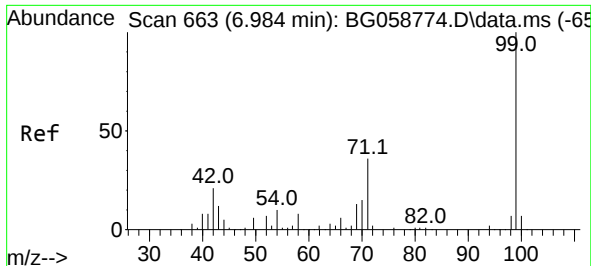
Tgt Ion:152 Resp: 25849
Ion Ratio Lower Upper
152 100
150 156.1 128.6 192.8
115 61.7 50.4 75.6



#5
2-Fluorophenol
Concen: 71.633 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058804.D
Acq: 22 Aug 2023 11:37

Tgt Ion:112 Resp: 115061
Ion Ratio Lower Upper
112 100
64 67.8 60.6 90.8
63 36.5 31.0 46.4

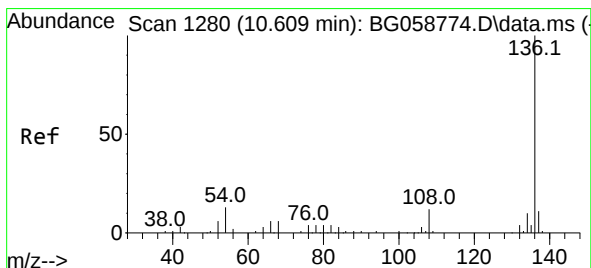
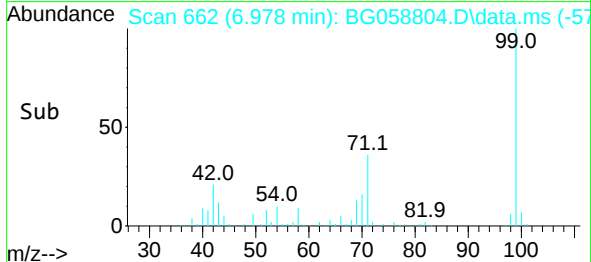
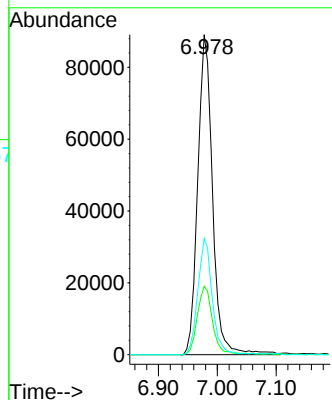
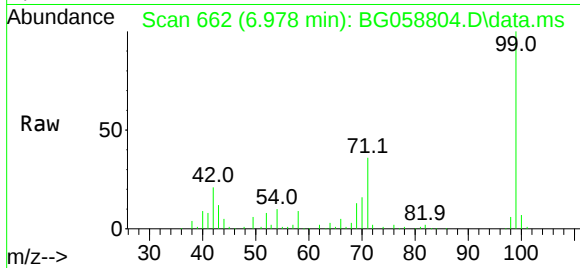




#7
Phenol-d6
Concen: 69.086 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058804.D
Acq: 22 Aug 2023 11:37

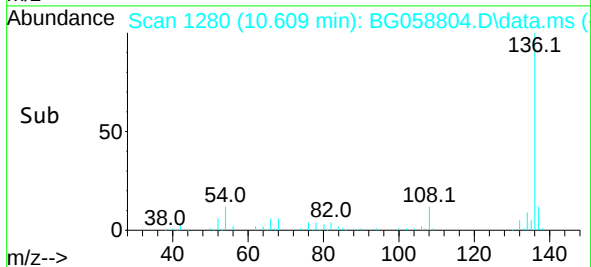
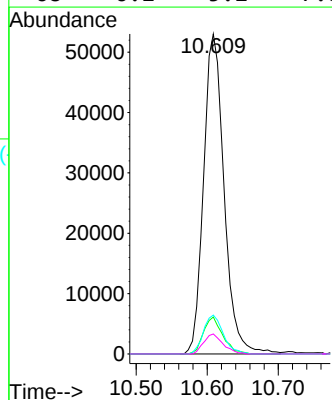
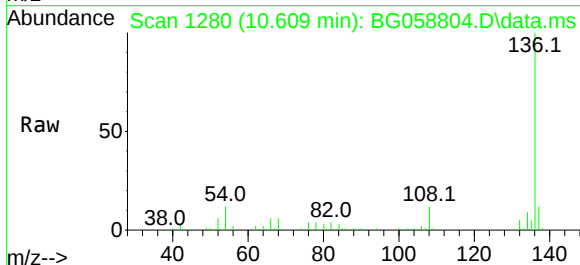
Instrument :
BNA_G
ClientSampleId :
TP-I

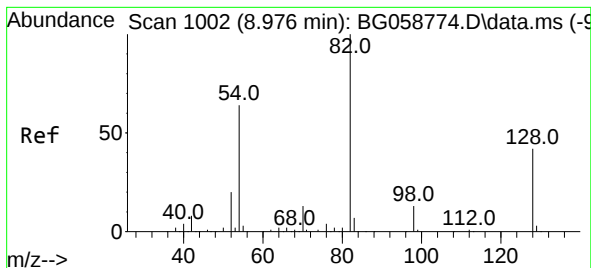
Tgt Ion: 99 Resp: 155694
Ion Ratio Lower Upper
99 100
42 21.4 16.5 24.7
71 36.3 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058804.D
Acq: 22 Aug 2023 11:37

Tgt Ion: 136 Resp: 106412
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 12.1 10.1 15.1
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 41.962 ng

RT: 8.969 min Scan# 10

Delta R.T. -0.006 min

Lab File: BG058804.D

Acq: 22 Aug 2023 11:37

Instrument :

BNA_G

ClientSampleId :

TP-I

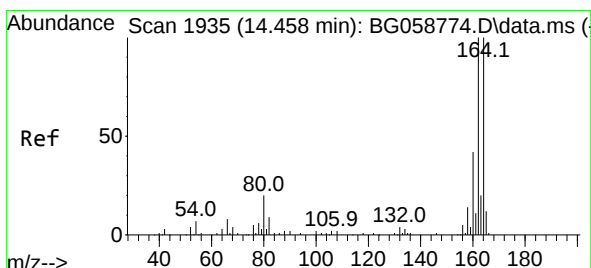
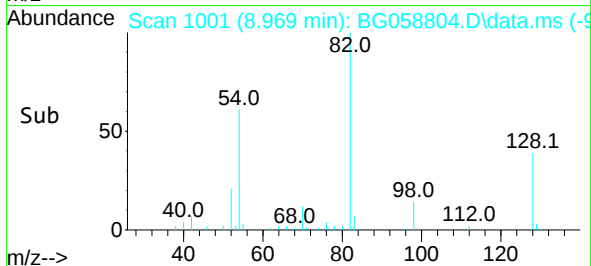
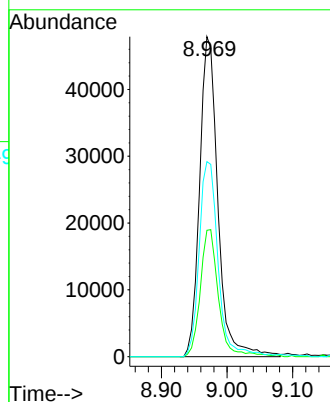
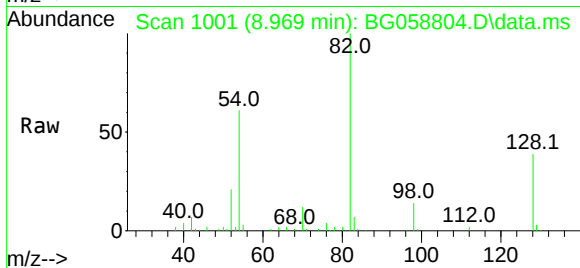
Tgt Ion: 82 Resp: 92876

Ion Ratio Lower Upper

82 100

128 39.5 33.2 49.8

54 61.0 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BG058804.D

Acq: 22 Aug 2023 11:37

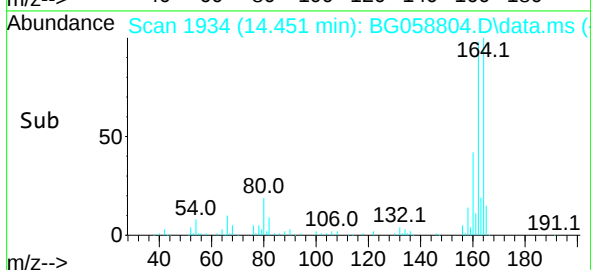
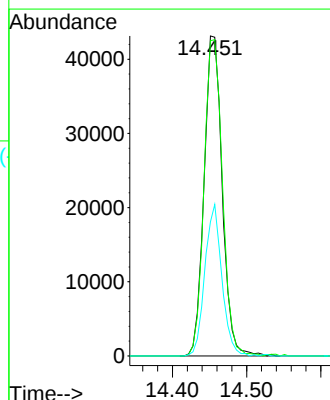
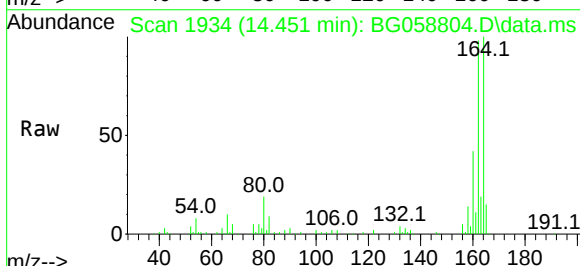
Tgt Ion:164 Resp: 73310

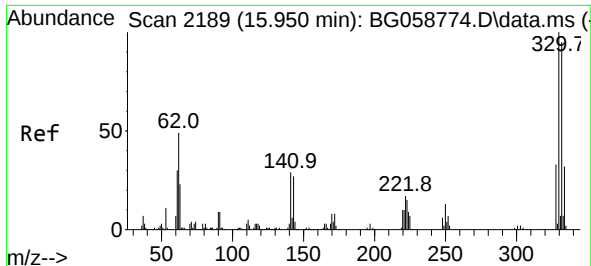
Ion Ratio Lower Upper

164 100

162 98.5 79.6 119.4

160 41.9 34.0 51.0

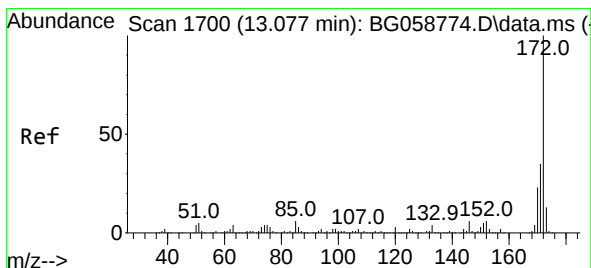
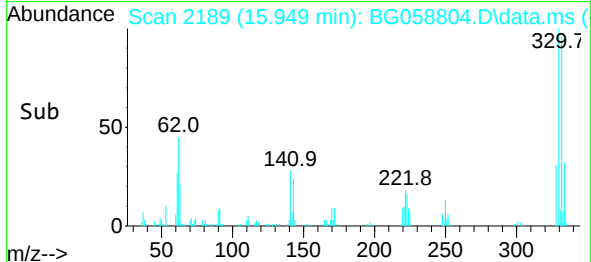
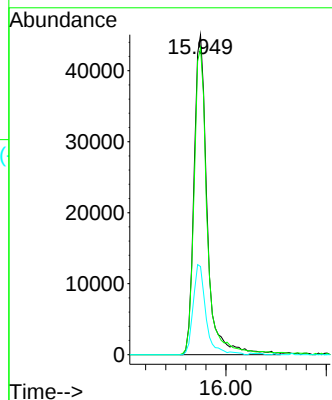
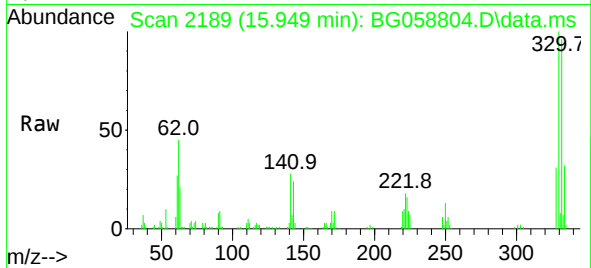




#42
2,4,6-Tribromophenol
Concen: 71.165 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058804.D
Acq: 22 Aug 2023 11:37

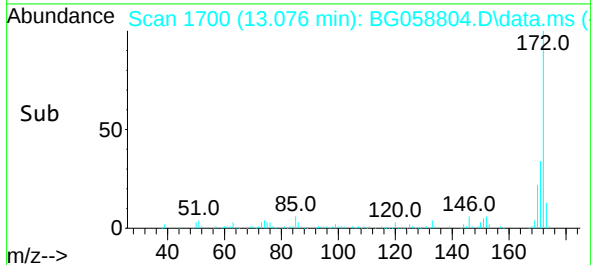
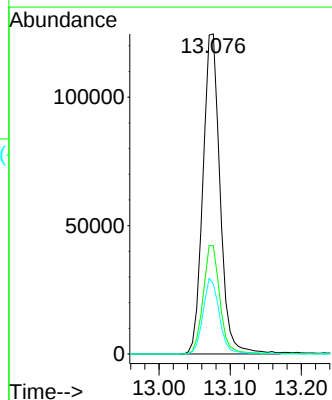
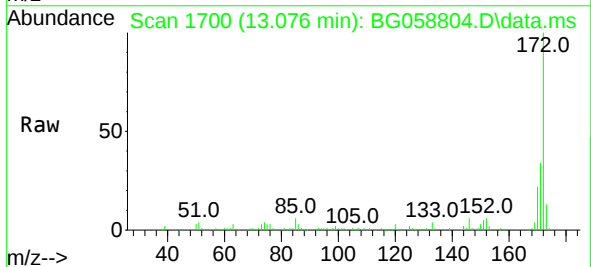
Instrument :
BNA_G
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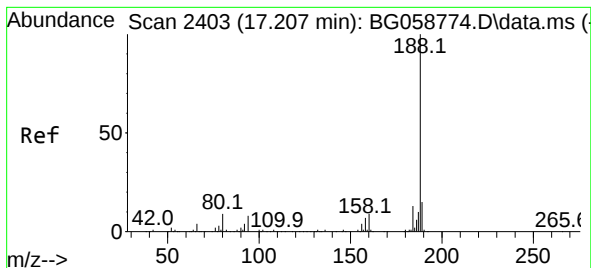
Tgt Ion:330 Resp: 81803
Ion Ratio Lower Upper
330 100
332 94.8 78.5 117.7
141 27.5 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 41.620 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG058804.D
Acq: 22 Aug 2023 11:37

Tgt Ion:172 Resp: 209779
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 21.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG058804.D

Acq: 22 Aug 2023 11:37

Instrument :

BNA_G

ClientSampleId :

TP-I

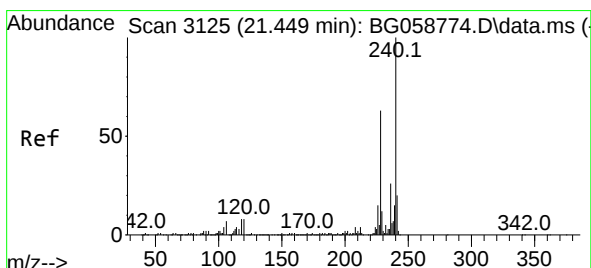
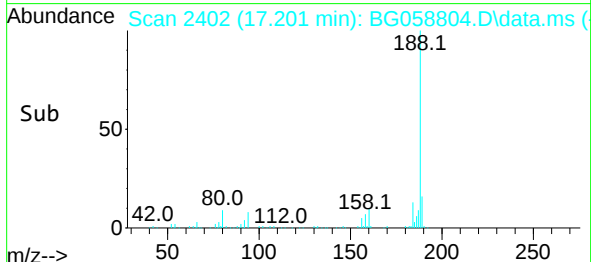
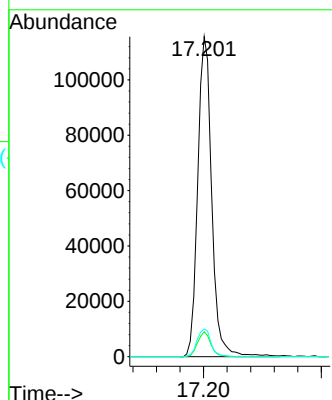
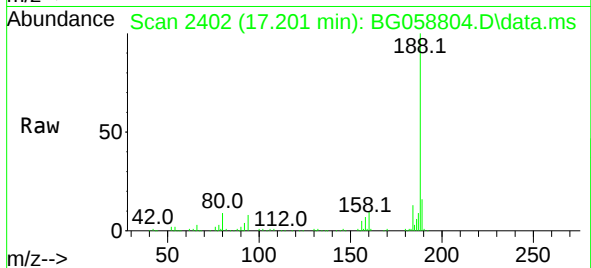
Tgt Ion:188 Resp: 190442

Ion Ratio Lower Upper

188 100

94 7.8 6.1 9.1

80 8.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BG058804.D

Acq: 22 Aug 2023 11:37

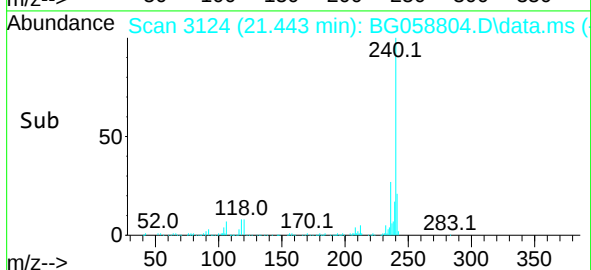
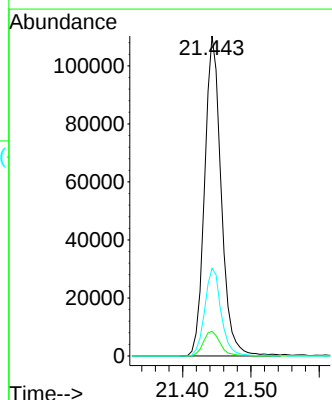
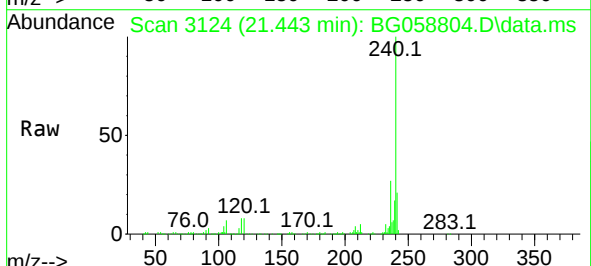
Tgt Ion:240 Resp: 186433

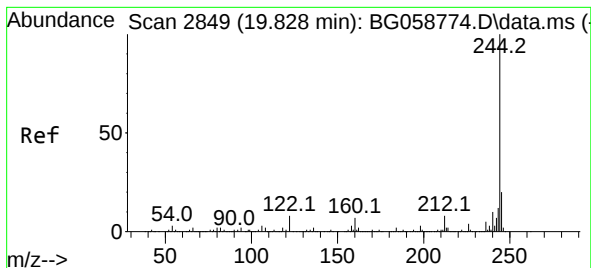
Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.2

236 27.4 20.5 30.7





#79

Terphenyl-d14

Concen: 39.668 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058804.D

Acq: 22 Aug 2023 11:37

Instrument :

BNA_G

ClientSampleId :

TP-I

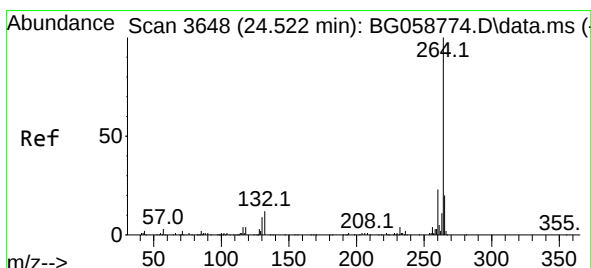
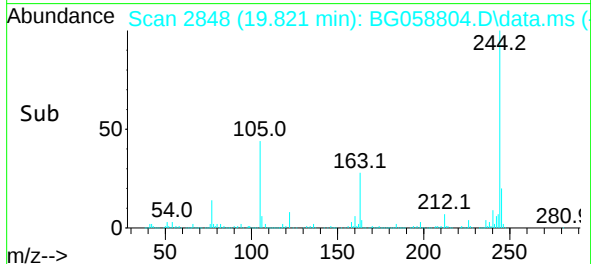
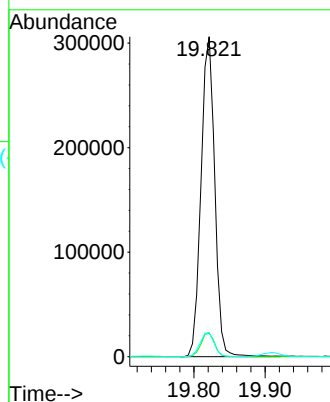
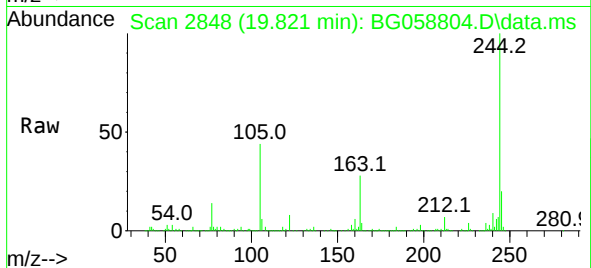
Tgt Ion:244 Resp: 411861

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.516 min Scan# 3647

Delta R.T. -0.006 min

Lab File: BG058804.D

Acq: 22 Aug 2023 11:37

Tgt Ion:264 Resp: 235040

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.2 16.4 24.6

