

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058840.D
 Acq On : 24 Aug 2023 15:57
 Operator : MA/JU
 Sample : 04090-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-N

Quant Time: Aug 24 16:30:00 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	7.807	152	16494	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	64711	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	48272	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	124589	20.000	ng	0.00
76) Chrysene-d12	21.450	240	114785	20.000	ng	0.00
86) Perylene-d12	24.522	264	136653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	141082	137.648	ng	0.00
7) Phenol-d6	6.978	99	173209	120.450	ng	0.00
23) Nitrobenzene-d5	8.970	82	124036	92.154	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	102387	135.272	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	300974	90.685	ng	0.00
79) Terphenyl-d14	19.822	244	637258	99.687	ng	0.00

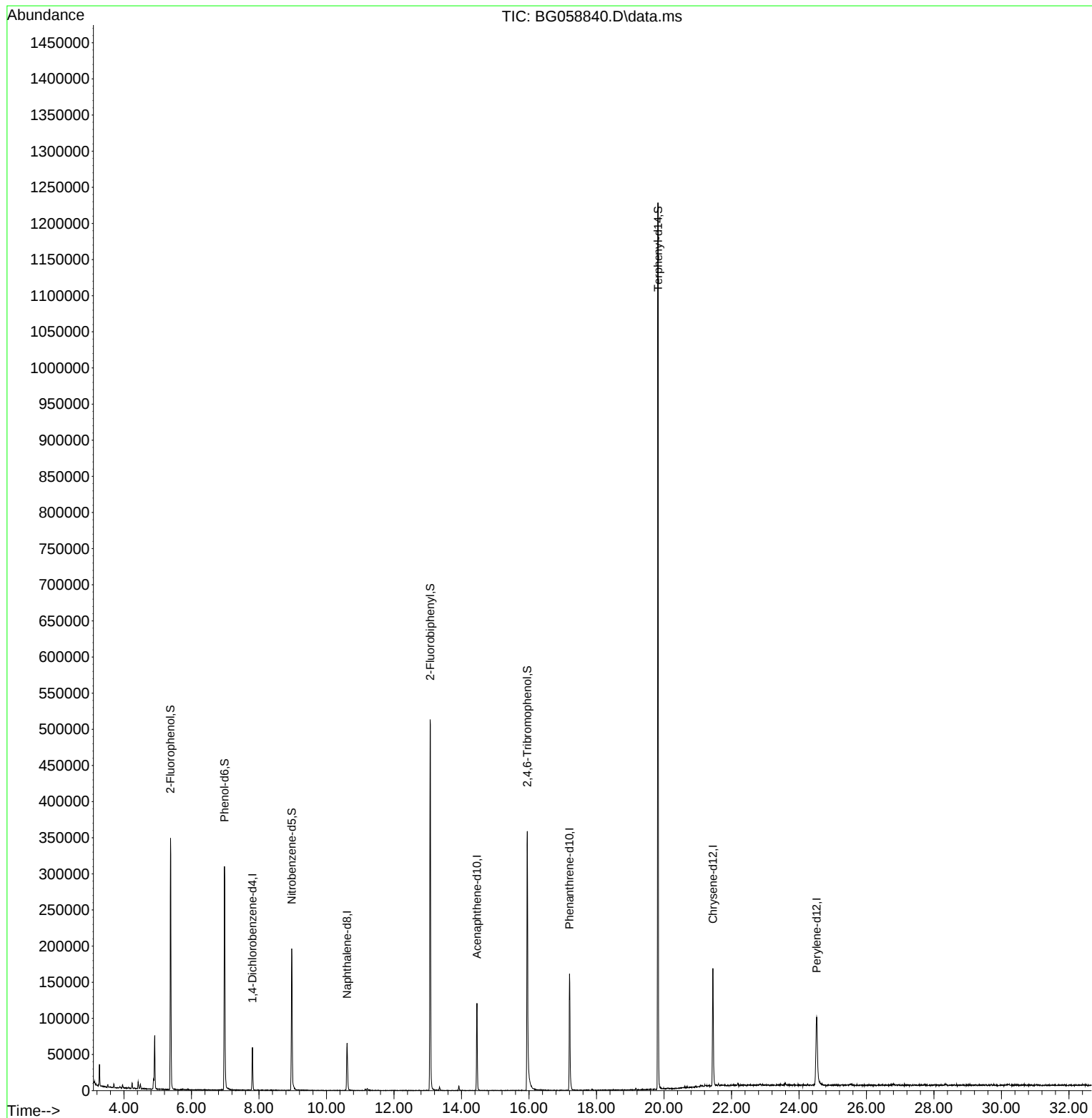
Target Compounds	Qvalue

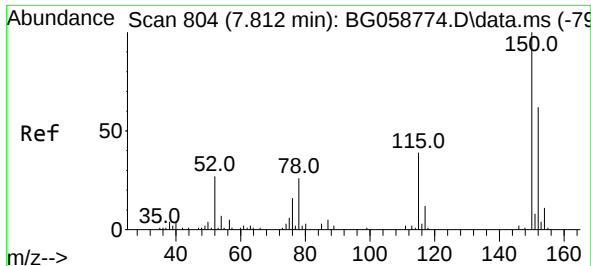
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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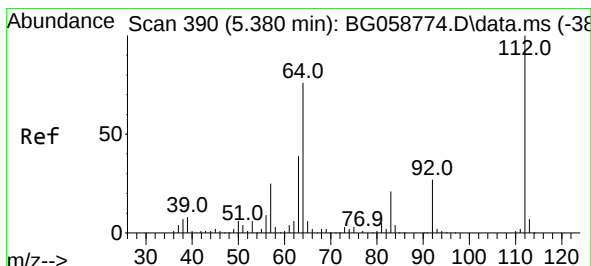
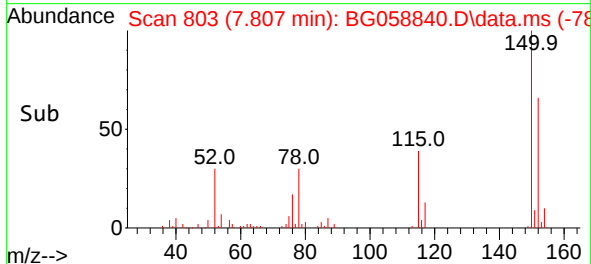
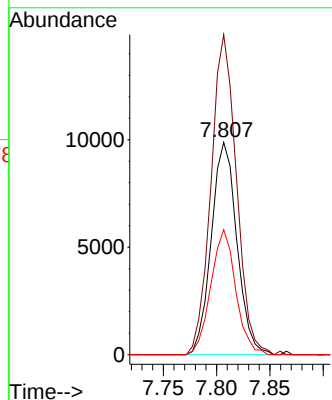
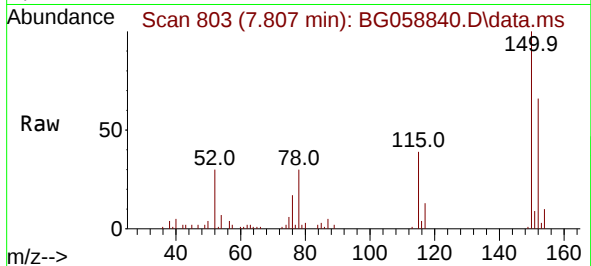




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG058840.D
Acq: 24 Aug 2023 15:57

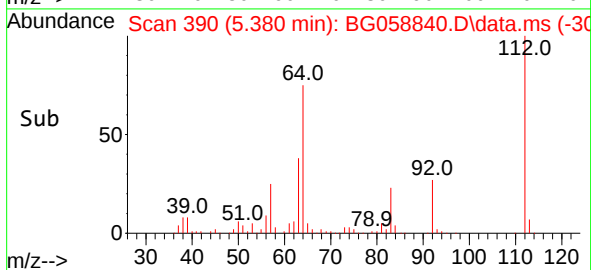
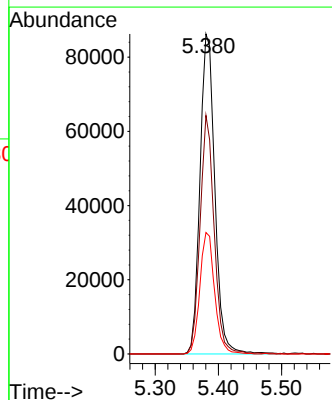
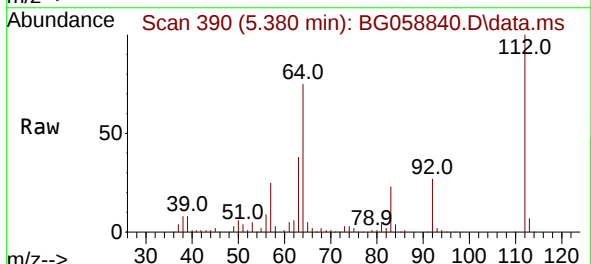
Instrument :
BNA_G
ClientSampleId :
TP-N

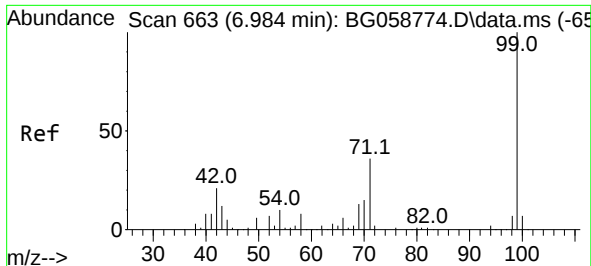
Tgt Ion:152 Resp: 16494
Ion Ratio Lower Upper
152 100
150 150.7 128.6 192.8
115 58.8 50.4 75.6



#5
2-Fluorophenol
Concen: 137.648 ng
RT: 5.380 min Scan# 390
Delta R.T. 0.000 min
Lab File: BG058840.D
Acq: 24 Aug 2023 15:57

Tgt Ion:112 Resp: 141082
Ion Ratio Lower Upper
112 100
64 74.5 60.6 90.8
63 38.0 31.0 46.4

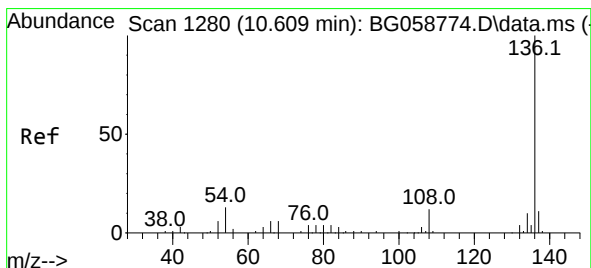
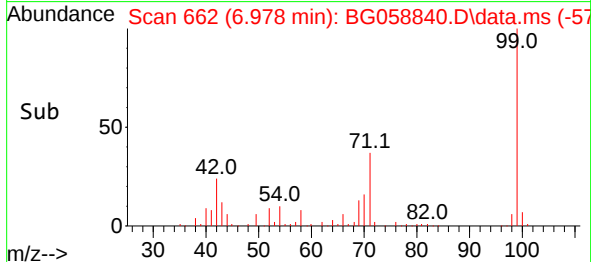
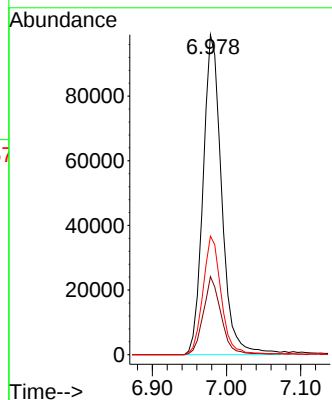
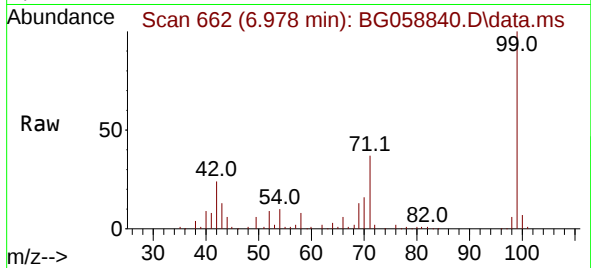




#7
Phenol-d6
Concen: 120.450 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058840.D
Acq: 24 Aug 2023 15:57

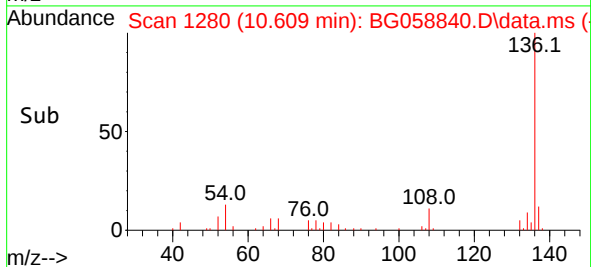
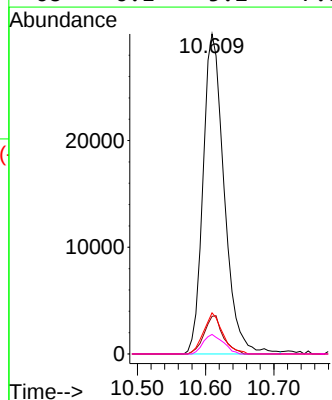
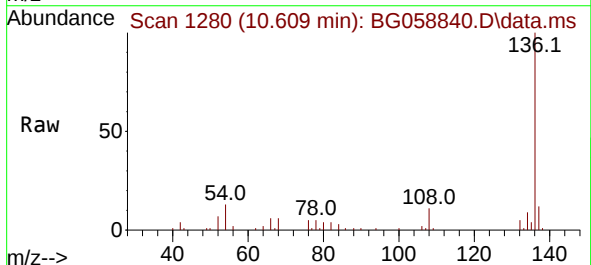
Instrument :
BNA_G
ClientSampleId :
TP-N

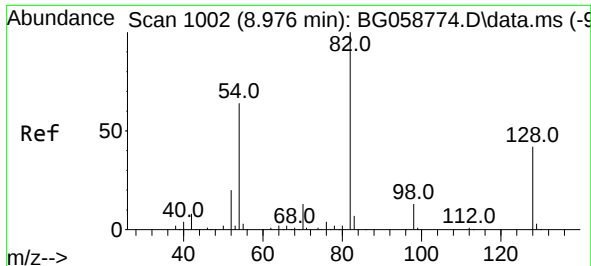
Tgt Ion: 99 Resp: 173209
Ion Ratio Lower Upper
99 100
42 24.4 16.5 24.7
71 37.1 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BG058840.D
Acq: 24 Aug 2023 15:57

Tgt Ion: 136 Resp: 64711
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 12.8 10.1 15.1
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 92.154 ng

RT: 8.970 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058840.D

Acq: 24 Aug 2023 15:57

Instrument :

BNA_G

ClientSampleId :

TP-N

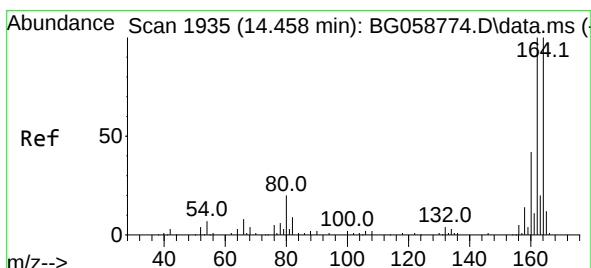
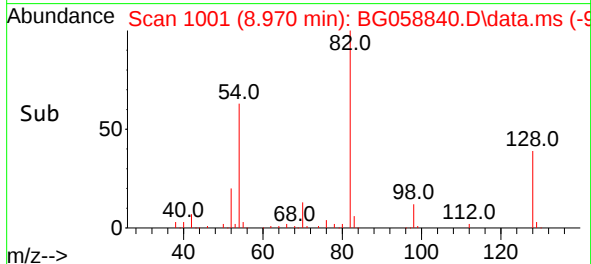
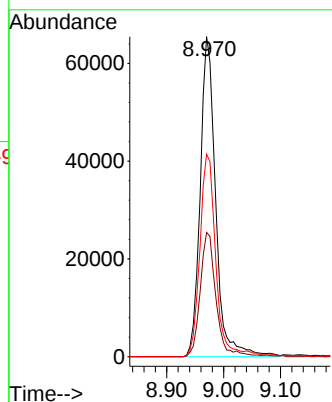
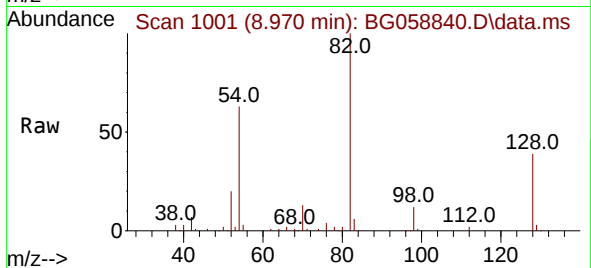
Tgt Ion: 82 Resp: 124036

Ion Ratio Lower Upper

82 100

128 38.8 33.2 49.8

54 63.3 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BG058840.D

Acq: 24 Aug 2023 15:57

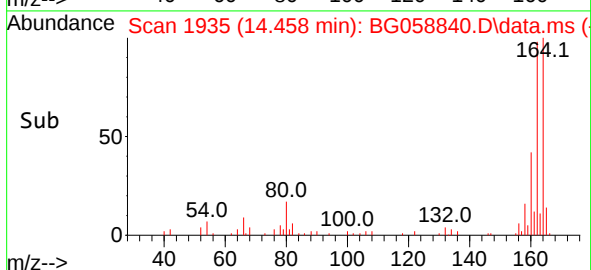
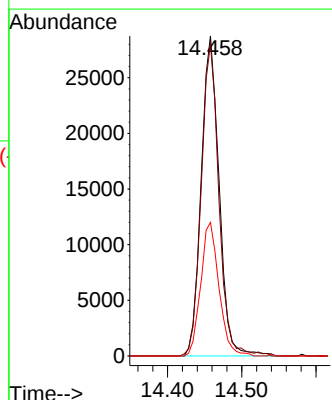
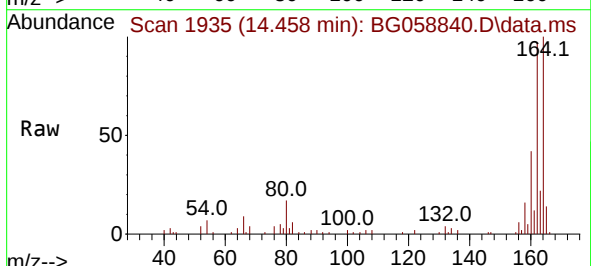
Tgt Ion:164 Resp: 48272

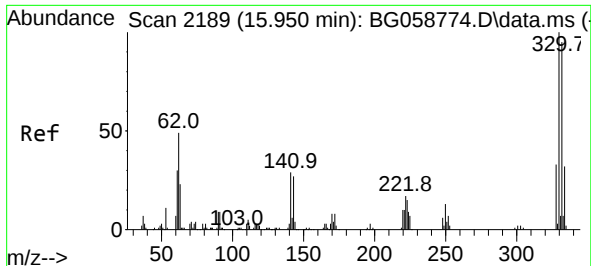
Ion Ratio Lower Upper

164 100

162 97.4 79.6 119.4

160 41.8 34.0 51.0

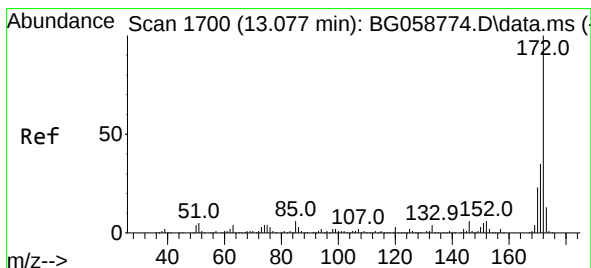
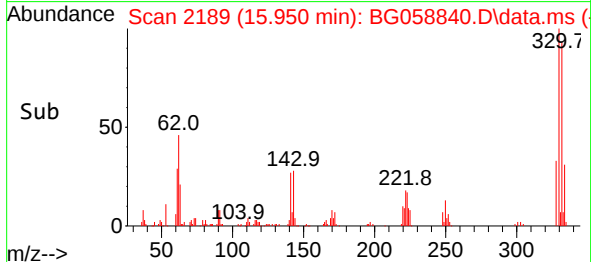
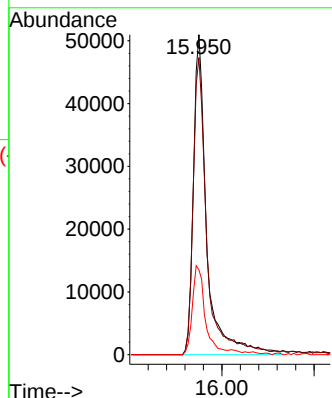
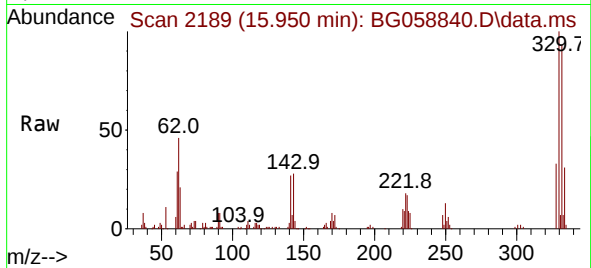




#42
2,4,6-Tribromophenol
Concen: 135.272 ng
RT: 15.950 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG058840.D
Acq: 24 Aug 2023 15:57

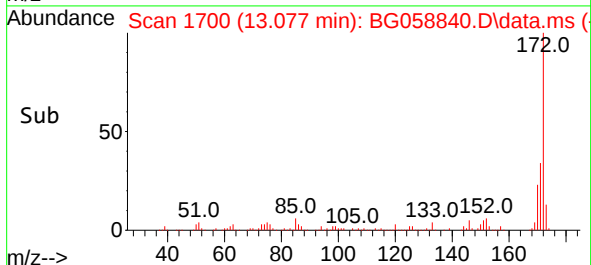
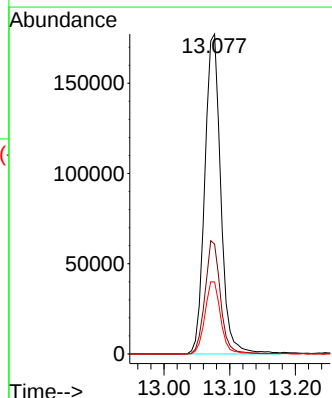
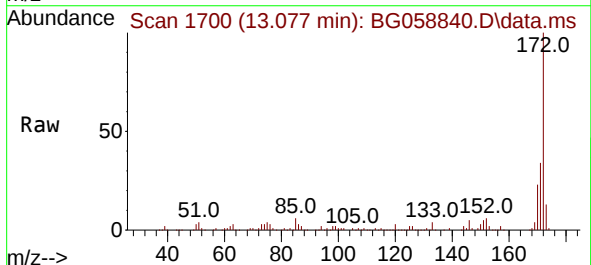
Instrument :
BNA_G
ClientSampleId :
TP-N

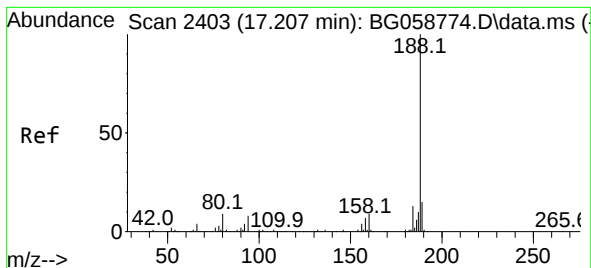
Tgt Ion:330 Resp: 102387
Ion Ratio Lower Upper
330 100
332 95.3 78.5 117.7
141 26.7 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 90.685 ng
RT: 13.077 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BG058840.D
Acq: 24 Aug 2023 15:57

Tgt Ion:172 Resp: 300974
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.5 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.202 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BG058840.D

Acq: 24 Aug 2023 15:57

Instrument :

BNA_G

ClientSampleId :

TP-N

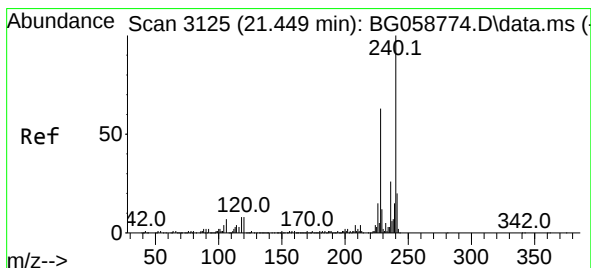
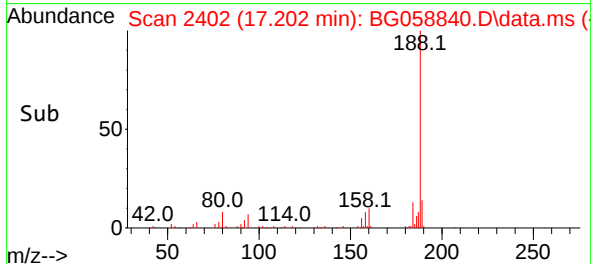
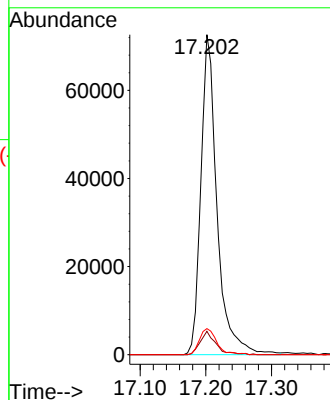
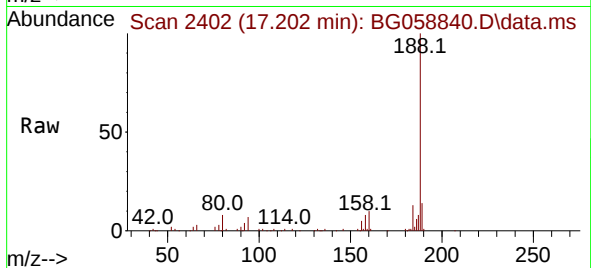
Tgt Ion:188 Resp: 124589

Ion Ratio Lower Upper

188 100

94 7.3 6.1 9.1

80 8.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG058840.D

Acq: 24 Aug 2023 15:57

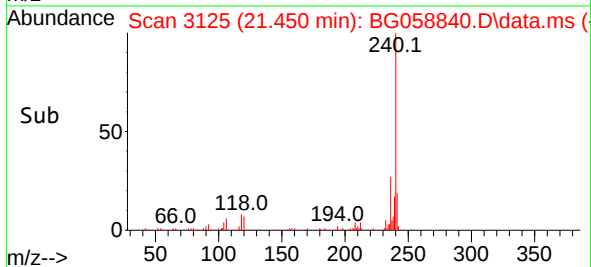
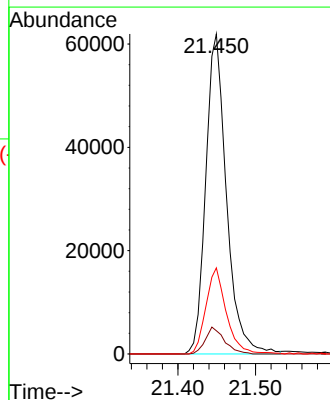
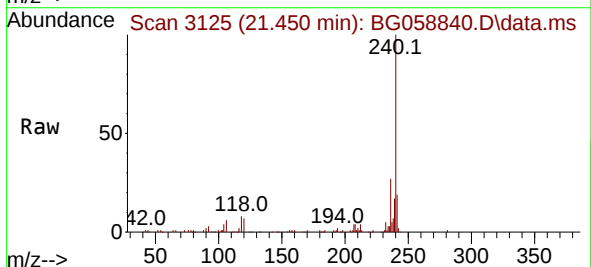
Tgt Ion:240 Resp: 114785

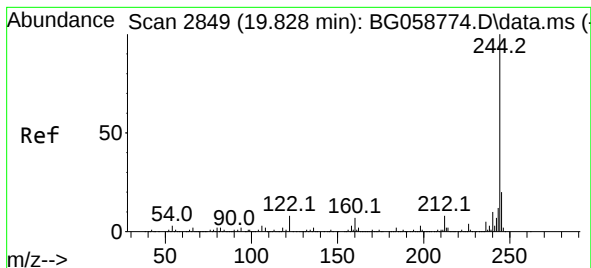
Ion Ratio Lower Upper

240 100

120 7.2 6.2 9.2

236 26.9 20.5 30.7





#79

Terphenyl-d14

Concen: 99.687 ng

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058840.D

Acq: 24 Aug 2023 15:57

Instrument :

BNA_G

ClientSampleId :

TP-N

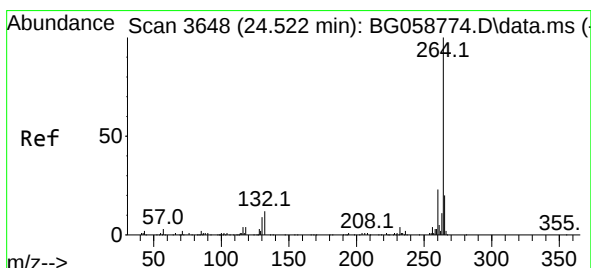
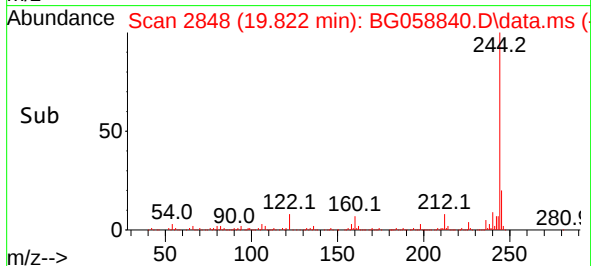
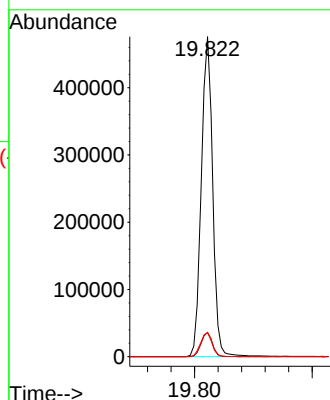
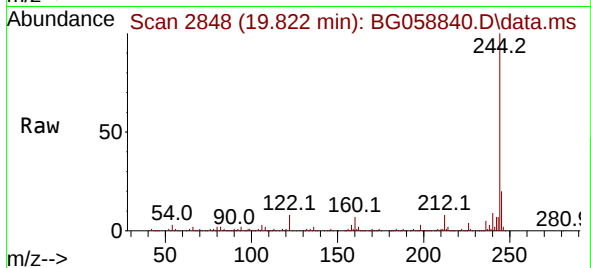
Tgt Ion:244 Resp: 637258

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.522 min Scan# 3648

Delta R.T. 0.000 min

Lab File: BG058840.D

Acq: 24 Aug 2023 15:57

Tgt Ion:264 Resp: 136653

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 23.4 16.4 24.6

