

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058812.D
 Acq On : 22 Aug 2023 17:47
 Operator : MA/JU
 Sample : 04090-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-N

Quant Time: Aug 23 02:31:55 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	7.805	152	20887	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	87903	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	67152	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	178213	20.000	ng	0.00
76) Chrysene-d12	21.442	240	173583	20.000	ng	0.00
86) Perylene-d12	24.515	264	211396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	97870	75.405	ng	0.00
7) Phenol-d6	6.977	99	132195	72.594	ng	0.00
23) Nitrobenzene-d5	8.969	82	80597	44.082	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	73209	69.529	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	188514	40.831	ng	0.00
79) Terphenyl-d14	19.821	244	398027	41.173	ng	0.00

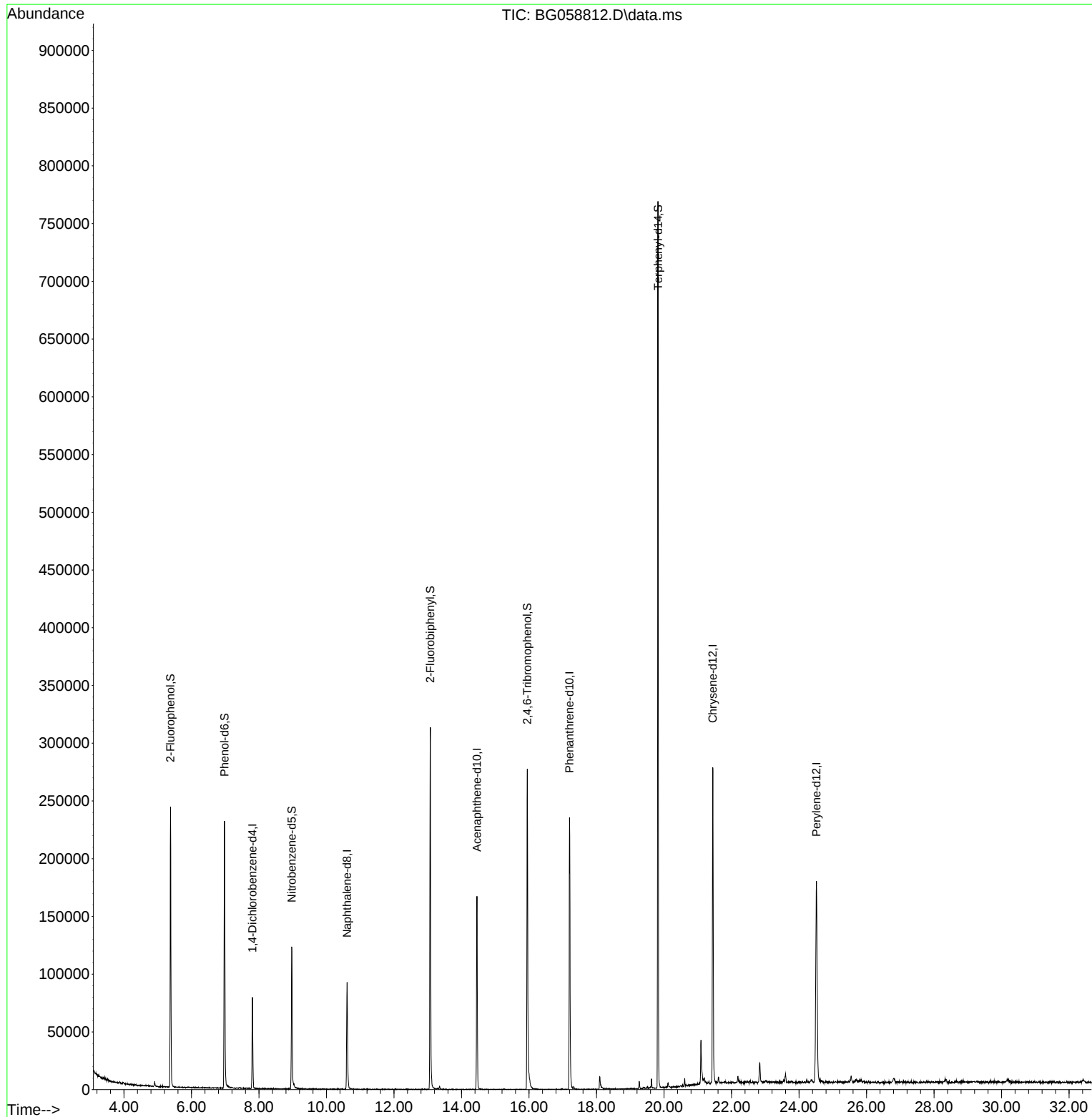
Target Compounds	Qvalue

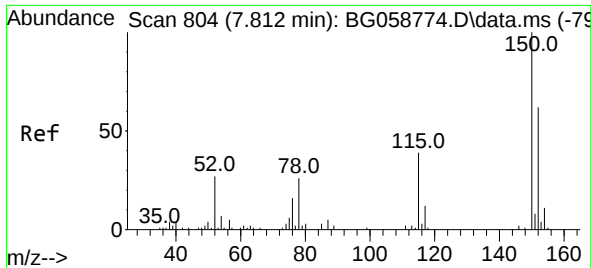
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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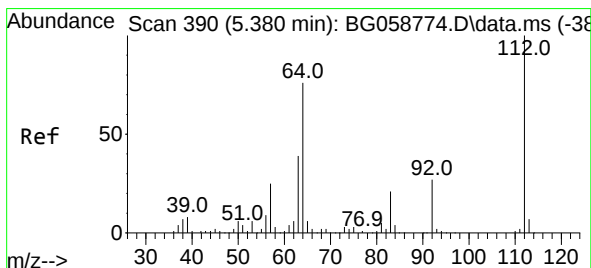
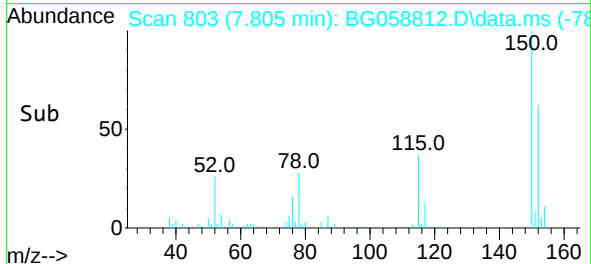
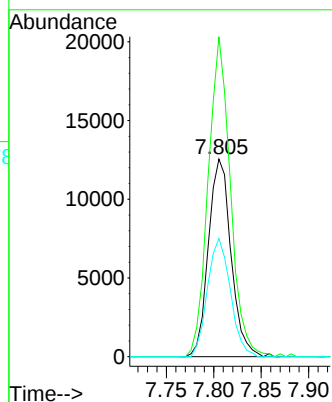
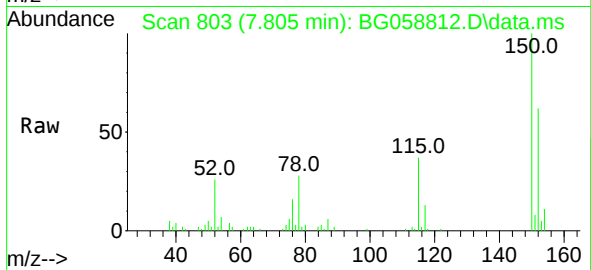




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 804
Delta R.T. -0.007 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

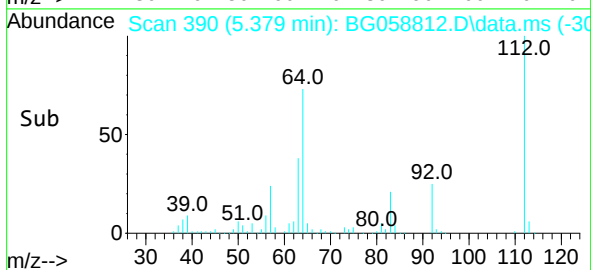
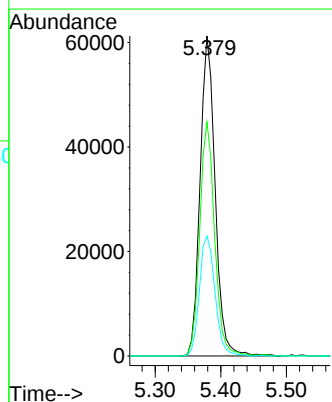
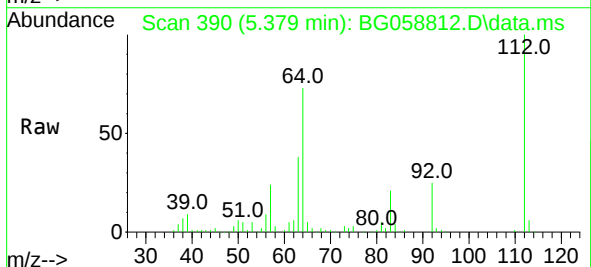
Instrument :
BNA_G
ClientSampleId :
TP-N

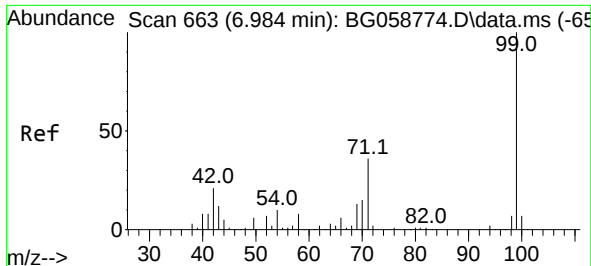
Tgt Ion:152 Resp: 20887
Ion Ratio Lower Upper
152 100
150 161.9 128.6 192.8
115 59.9 50.4 75.6



#5
2-Fluorophenol
Concen: 75.405 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Tgt Ion:112 Resp: 97870
Ion Ratio Lower Upper
112 100
64 73.1 60.6 90.8
63 37.5 31.0 46.4

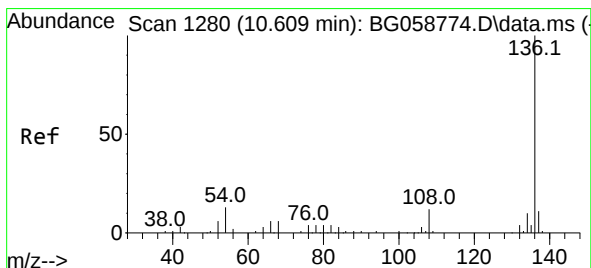
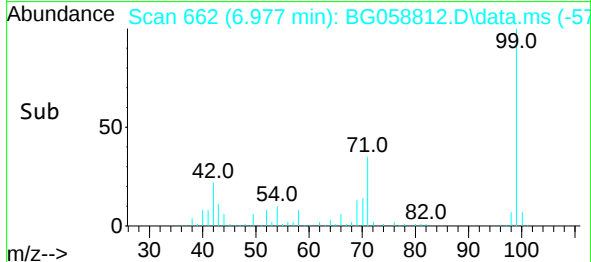
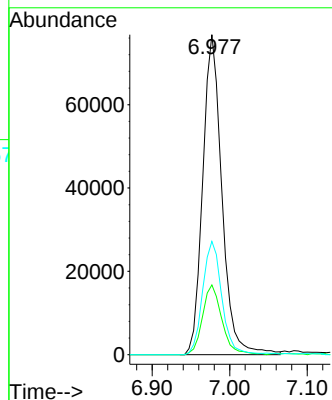
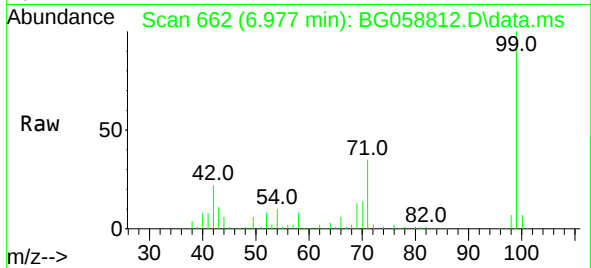




#7
Phenol-d6
Concen: 72.594 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

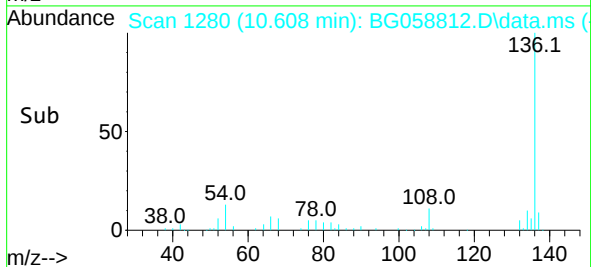
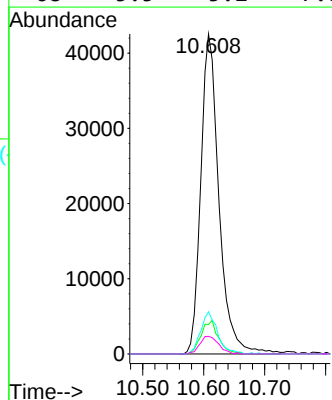
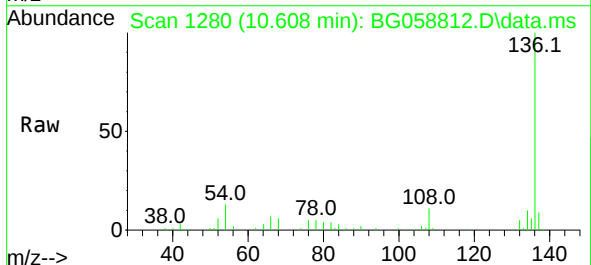
Instrument :
BNA_G
ClientSampleId :
TP-N

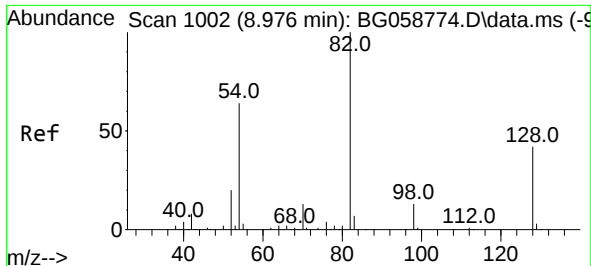
Tgt Ion: 99 Resp: 132195
Ion Ratio Lower Upper
99 100
42 21.8 16.5 24.7
71 35.4 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Tgt Ion: 136 Resp: 87903
Ion Ratio Lower Upper
136 100
137 9.2 8.7 13.1
54 13.2 10.1 15.1
68 5.5 5.2 7.8

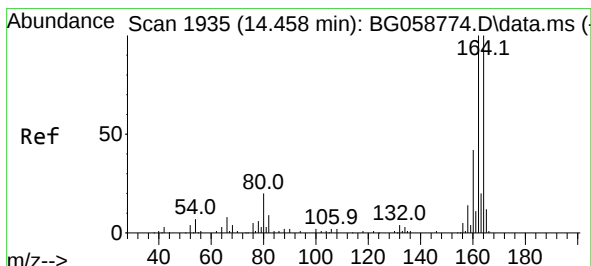
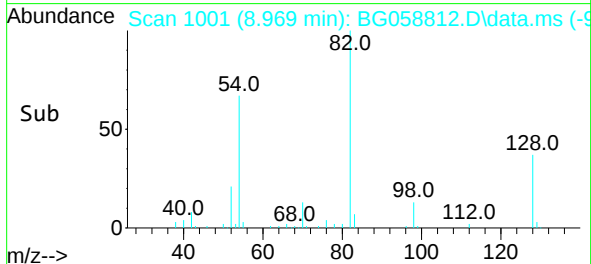
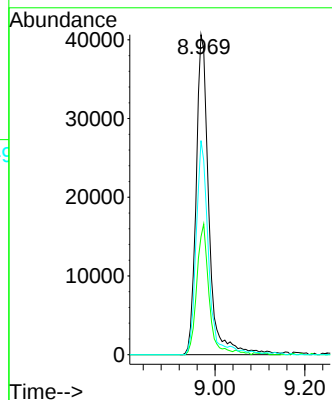
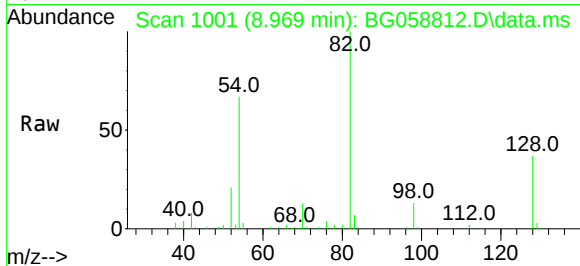




#23
Nitrobenzene-d5
Concen: 44.082 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

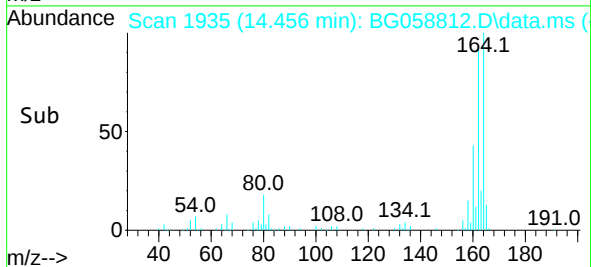
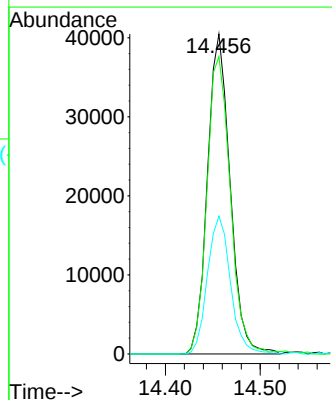
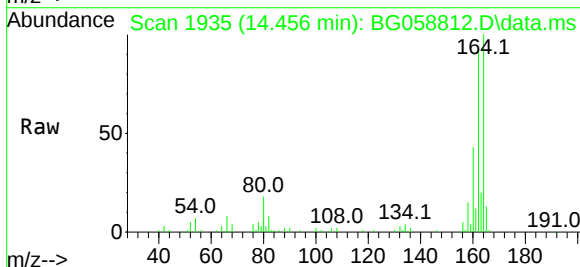
Instrument :
BNA_G
ClientSampleId :
TP-N

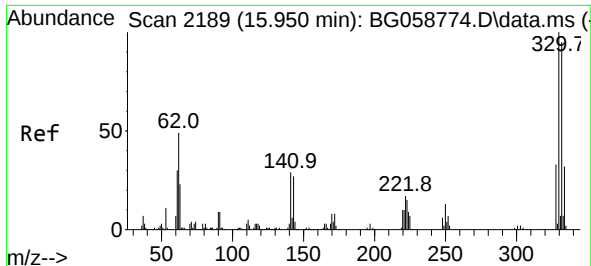
Tgt Ion: 82 Resp: 80597
Ion Ratio Lower Upper
82 100
128 36.9 33.2 49.8
54 66.9 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Tgt Ion:164 Resp: 67152
Ion Ratio Lower Upper
164 100
162 92.9 79.6 119.4
160 43.1 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 69.529 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG058812.D

Acq: 22 Aug 2023 17:47

Instrument :

BNA_G

ClientSampleId :

TP-N

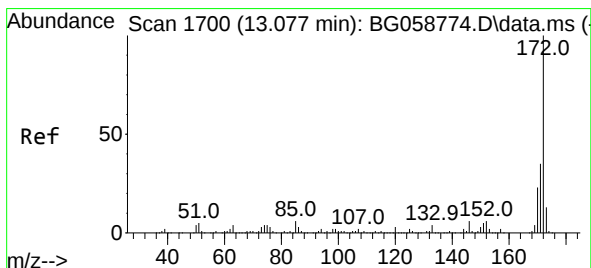
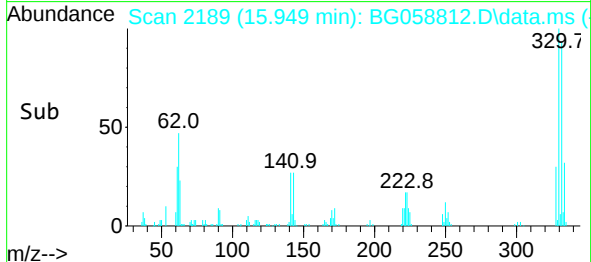
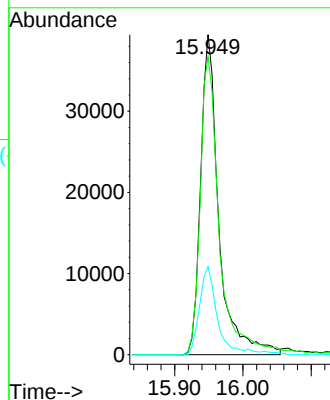
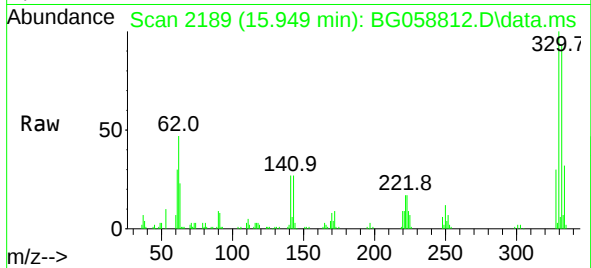
Tgt Ion:330 Resp: 73209

Ion Ratio Lower Upper

330 100

332 98.3 78.5 117.7

141 26.8 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 40.831 ng

RT: 13.076 min Scan# 1700

Delta R.T. -0.001 min

Lab File: BG058812.D

Acq: 22 Aug 2023 17:47

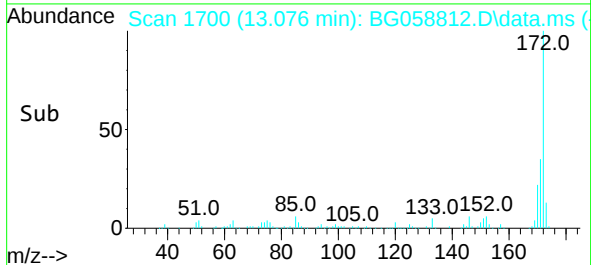
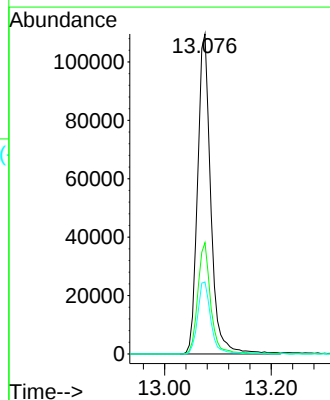
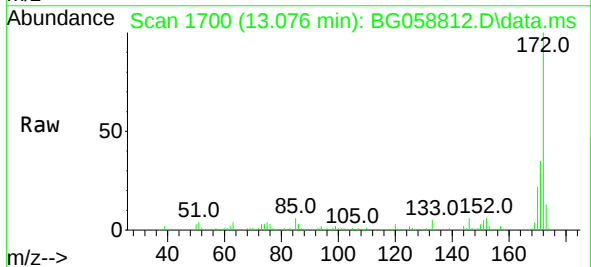
Tgt Ion:172 Resp: 188514

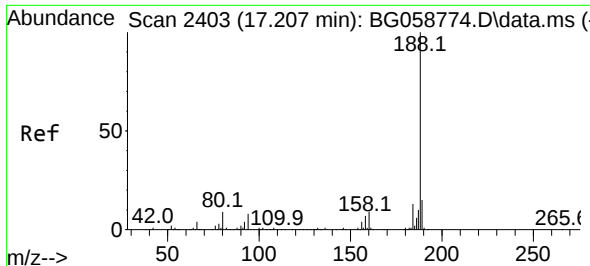
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 22.5 18.6 27.8

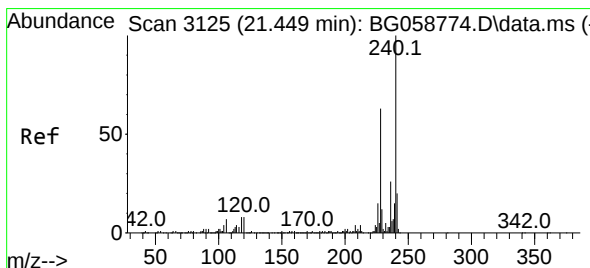
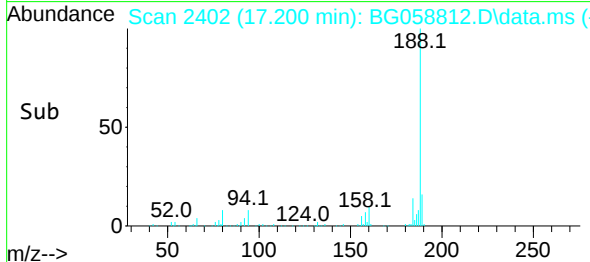
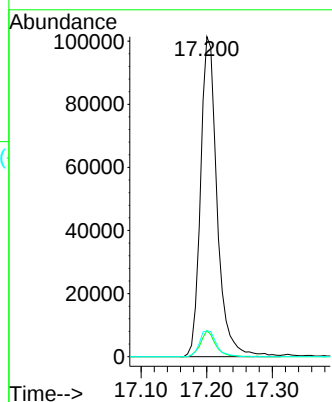
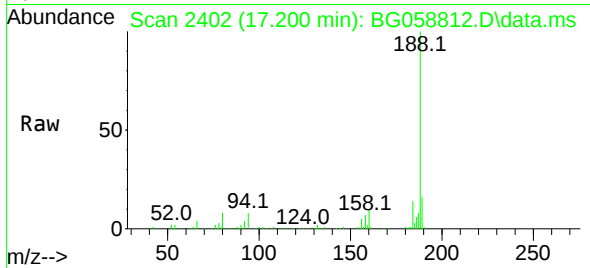




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2403
Delta R.T. -0.007 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

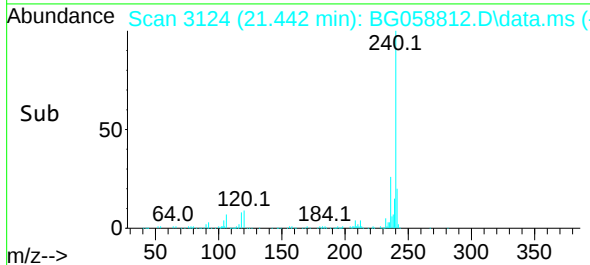
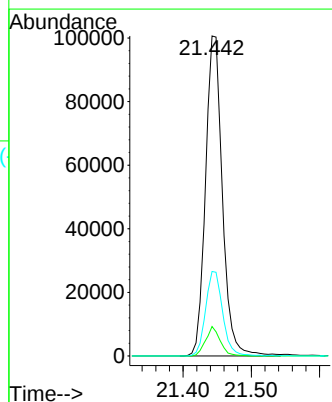
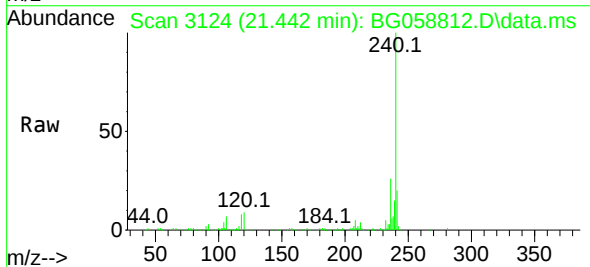
Instrument :
BNA_G
ClientSampleId :
TP-N

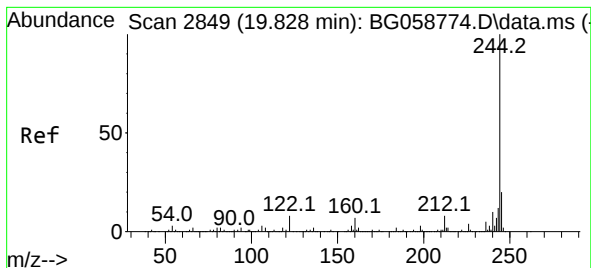
Tgt Ion:188 Resp: 178213
Ion Ratio Lower Upper
188 100
94 8.1 6.1 9.1
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG058812.D
Acq: 22 Aug 2023 17:47

Tgt Ion:240 Resp: 173583
Ion Ratio Lower Upper
240 100
120 9.2 6.2 9.2
236 26.4 20.5 30.7





#79

Terphenyl-d14

Concen: 41.173 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG058812.D

Acq: 22 Aug 2023 17:47

Instrument :

BNA_G

ClientSampleId :

TP-N

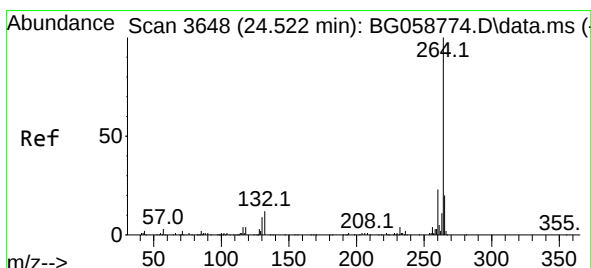
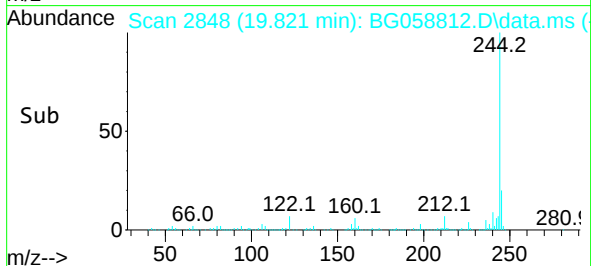
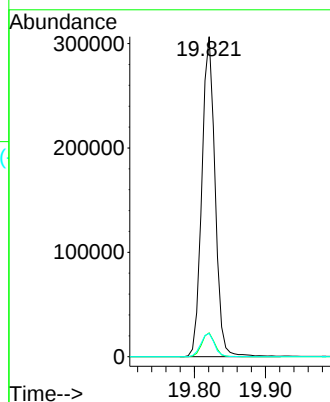
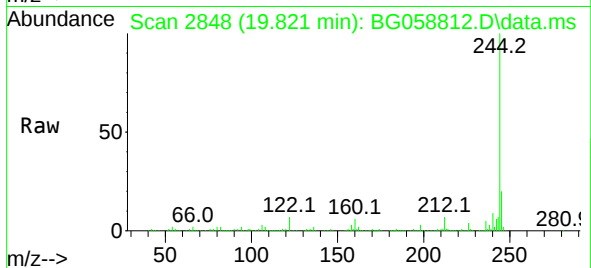
Tgt Ion:244 Resp: 398027

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 7.3 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.515 min Scan# 3647

Delta R.T. -0.007 min

Lab File: BG058812.D

Acq: 22 Aug 2023 17:47

Tgt Ion:264 Resp: 211396

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 22.7 16.4 24.6

