

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058809.D
 Acq On : 22 Aug 2023 15:44
 Operator : MA/JU
 Sample : 04090-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-L

Quant Time: Aug 22 16:15:21 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	22306	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	92353	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	67068	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	179655	20.000	ng	0.00
76) Chrysene-d12	21.443	240	175679	20.000	ng	0.00
86) Perylene-d12	24.516	264	214652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	140557	101.404	ng	0.00
7) Phenol-d6	6.978	99	191322	98.380	ng	0.00
23) Nitrobenzene-d5	8.969	82	109074	56.782	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	105061	99.905	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	253247	54.920	ng	0.00
79) Terphenyl-d14	19.821	244	583524	59.641	ng	0.00

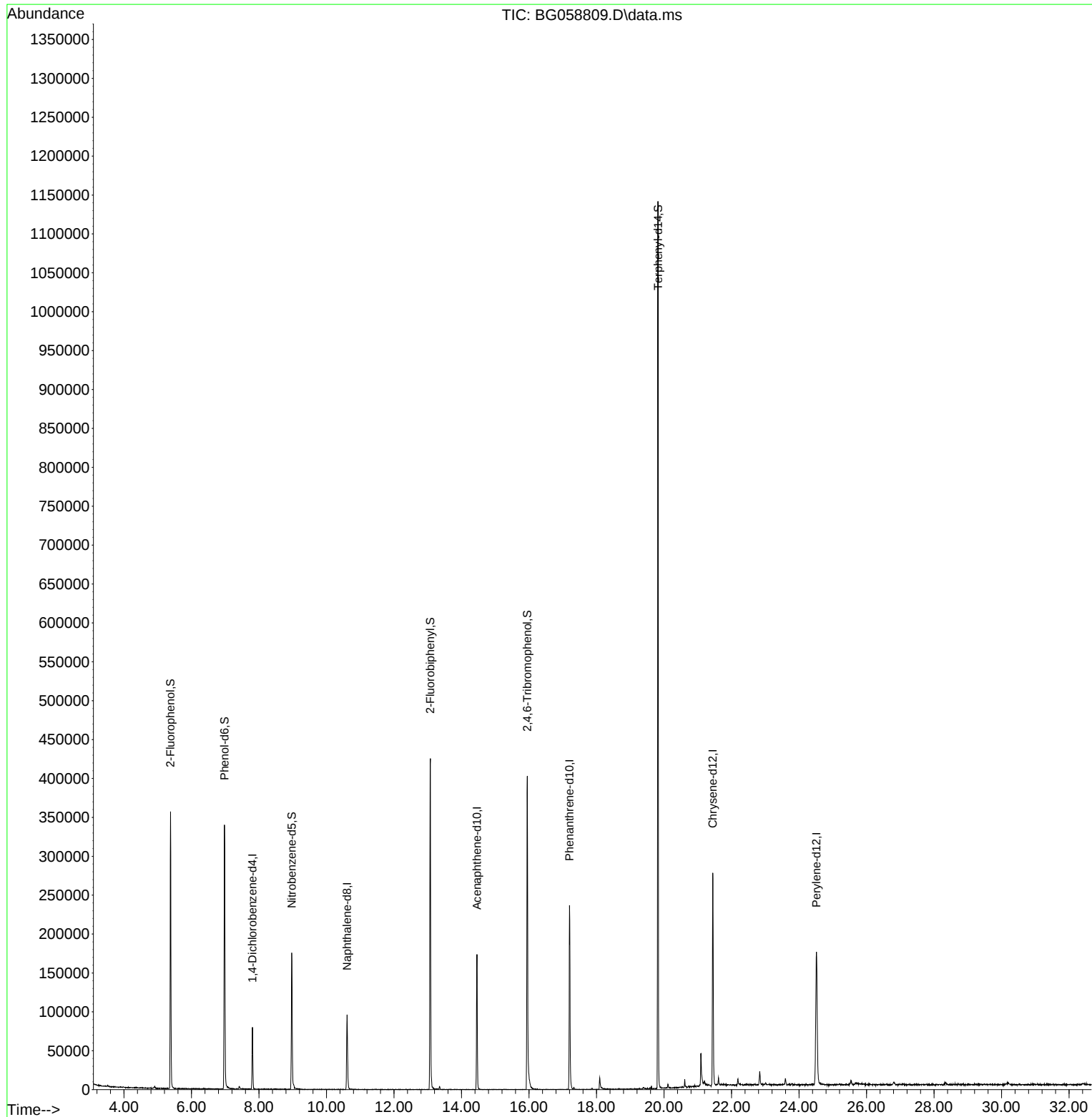
Target Compounds	Qvalue

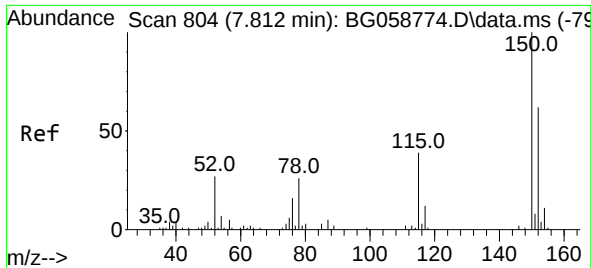
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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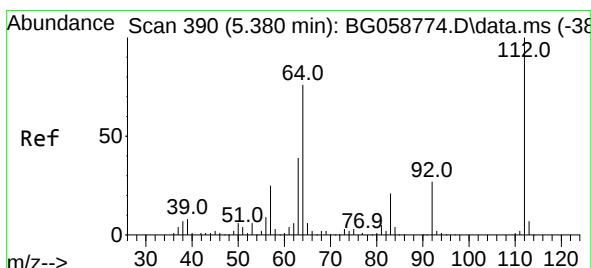
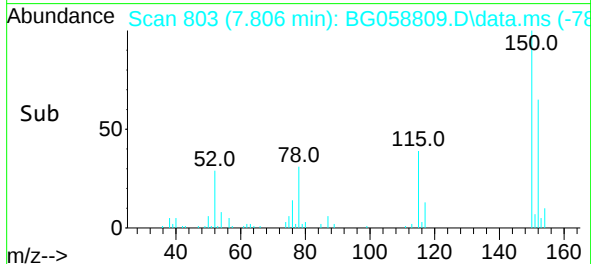
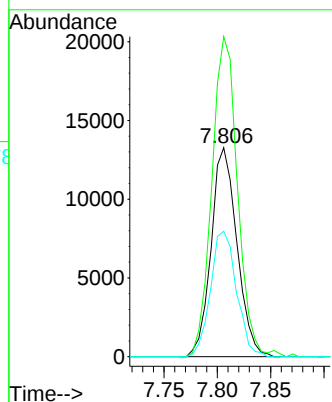
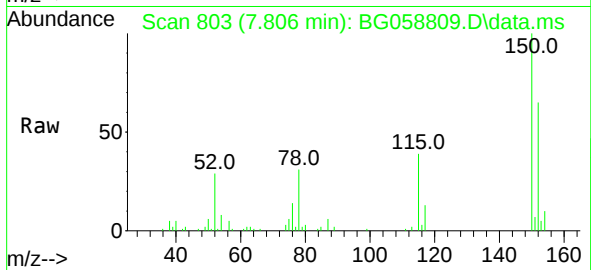




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058809.D
Acq: 22 Aug 2023 15:44

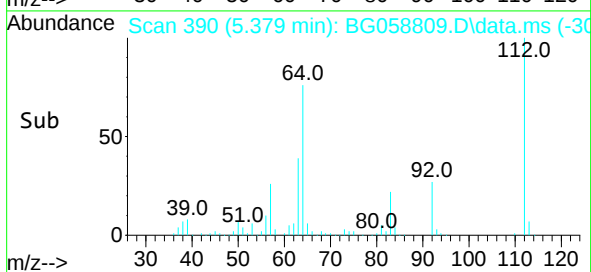
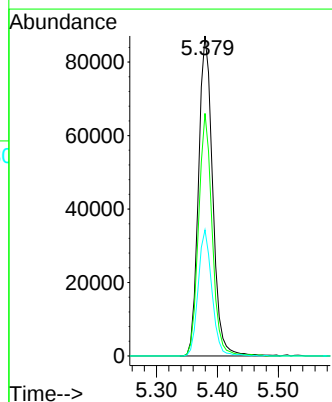
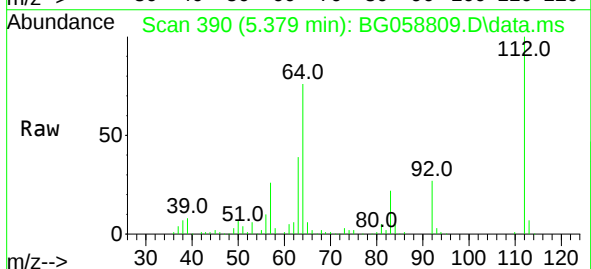
Instrument :
BNA_G
ClientSampleId :
TP-L

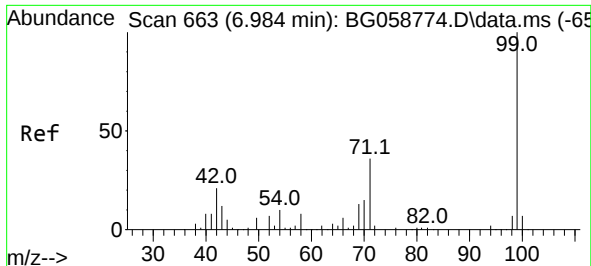
Tgt Ion:152 Resp: 22306
Ion Ratio Lower Upper
152 100
150 153.2 128.6 192.8
115 60.1 50.4 75.6



#5
2-Fluorophenol
Concen: 101.404 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058809.D
Acq: 22 Aug 2023 15:44

Tgt Ion:112 Resp: 140557
Ion Ratio Lower Upper
112 100
64 75.8 60.6 90.8
63 39.4 31.0 46.4

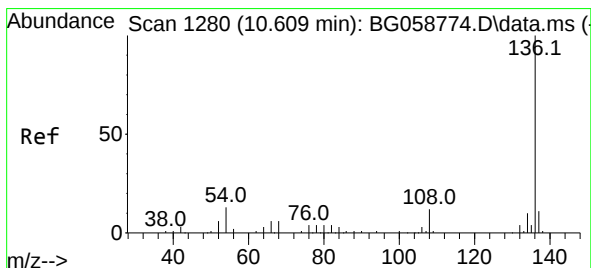
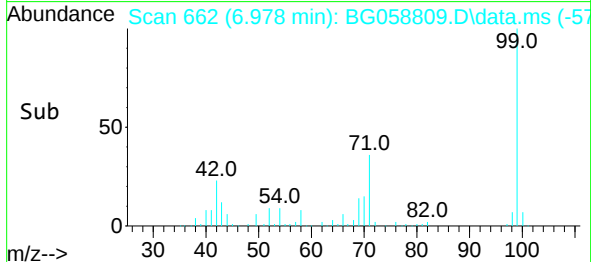
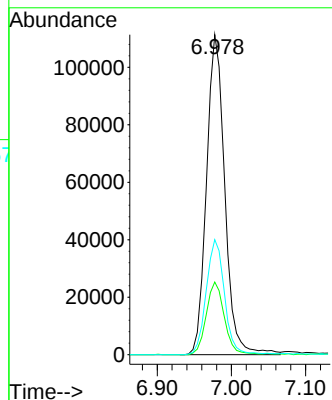
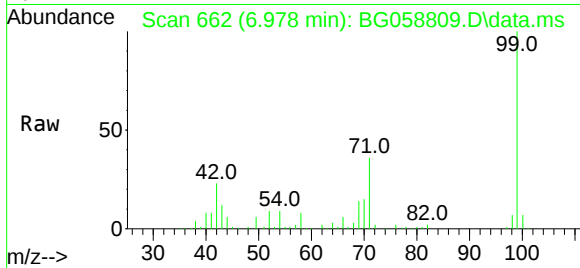




#7
Phenol-d6
Concen: 98.380 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058809.D
Acq: 22 Aug 2023 15:44

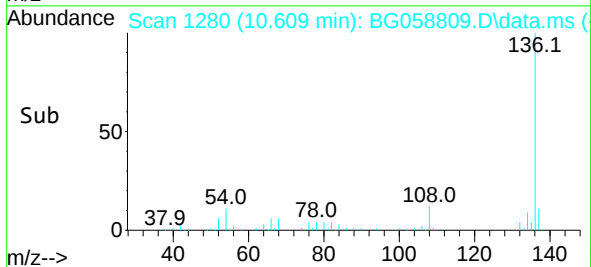
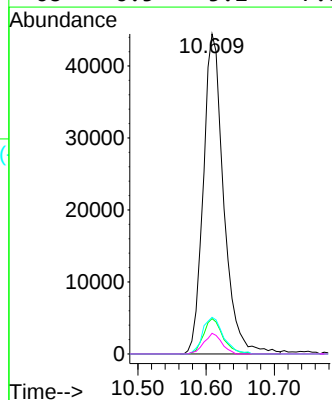
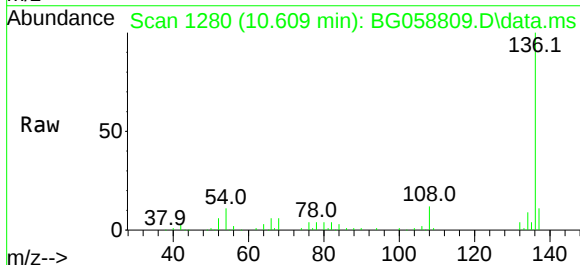
Instrument :
BNA_G
ClientSampleId :
TP-L

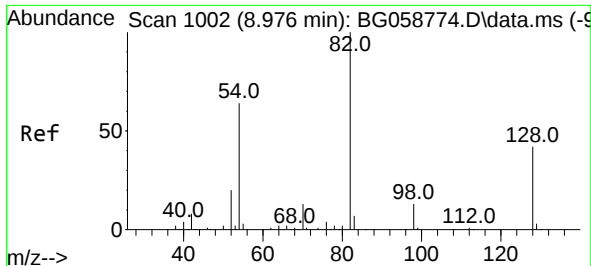
Tgt Ion: 99 Resp: 191322
Ion Ratio Lower Upper
99 100
42 22.7 16.5 24.7
71 36.0 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058809.D
Acq: 22 Aug 2023 15:44

Tgt Ion: 136 Resp: 92353
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 11.4 10.1 15.1
68 6.5 5.2 7.8

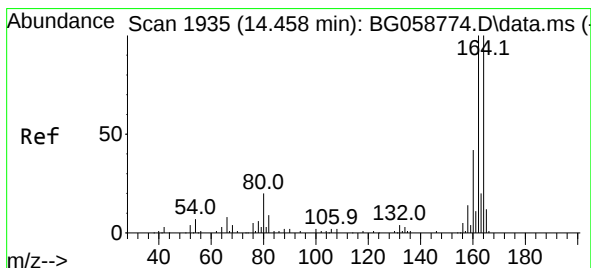
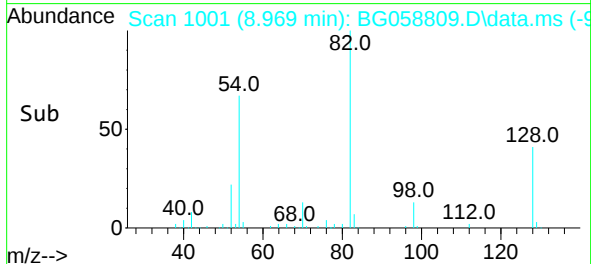
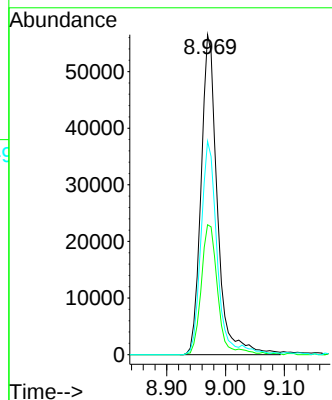
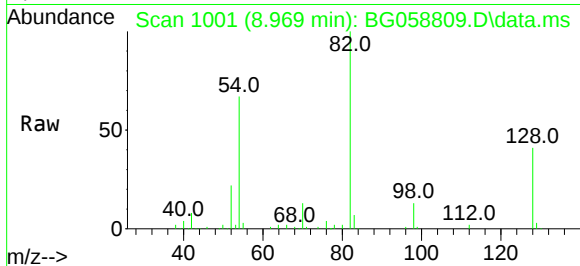




#23
Nitrobenzene-d5
Concen: 56.782 ng
RT: 8.969 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058809.D
Acq: 22 Aug 2023 15:44

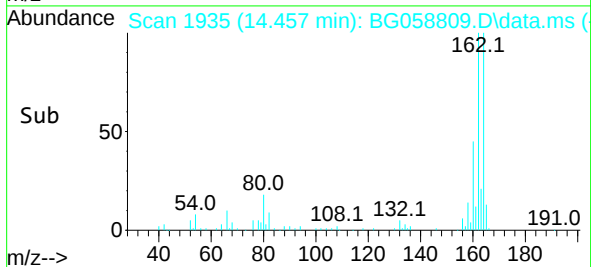
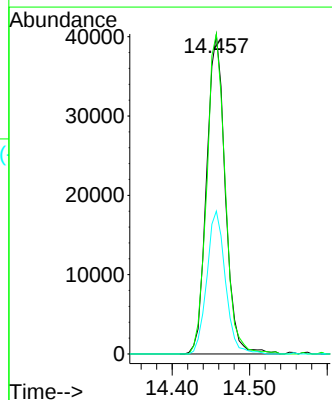
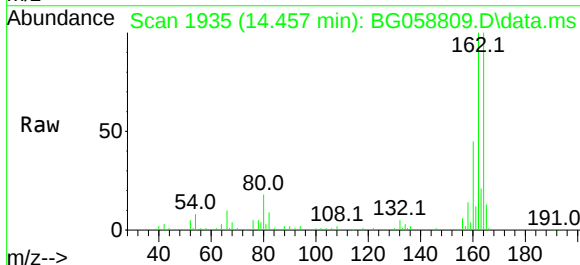
Instrument :
BNA_G
ClientSampleId :
TP-L

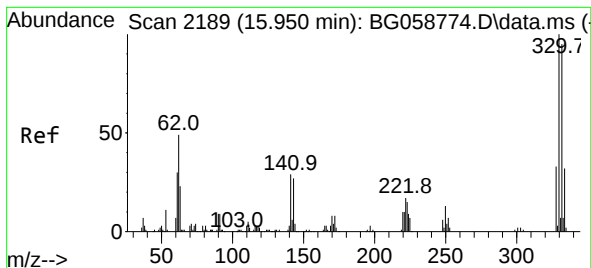
Tgt Ion: 82 Resp: 109074
Ion Ratio Lower Upper
82 100
128 40.6 33.2 49.8
54 66.7 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058809.D
Acq: 22 Aug 2023 15:44

Tgt Ion:164 Resp: 67068
Ion Ratio Lower Upper
164 100
162 100.2 79.6 119.4
160 44.8 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 99.905 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058809.D

Acq: 22 Aug 2023 15:44

Instrument :

BNA_G

ClientSampleId :

TP-L

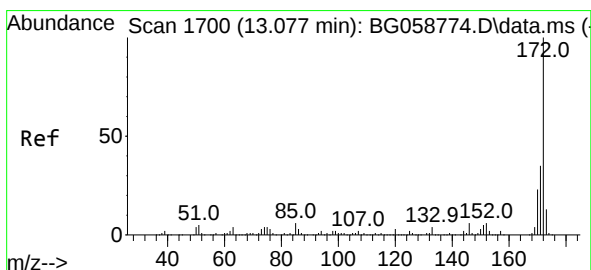
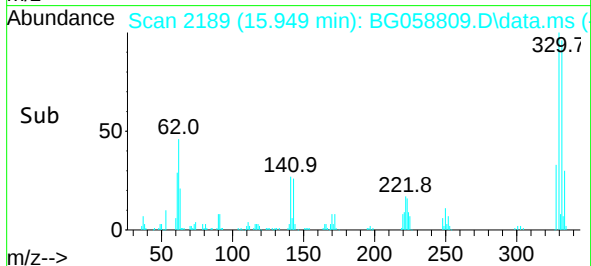
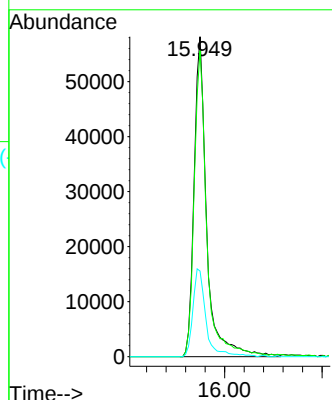
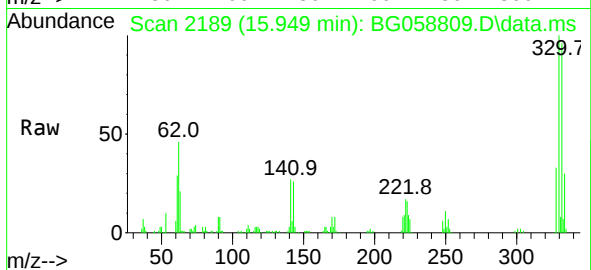
Tgt Ion:330 Resp: 105061

Ion Ratio Lower Upper

330 100

332 95.2 78.5 117.7

141 28.4 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 54.920 ng

RT: 13.076 min Scan# 1700

Delta R.T. -0.001 min

Lab File: BG058809.D

Acq: 22 Aug 2023 15:44

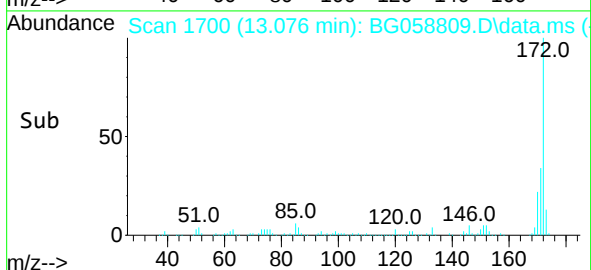
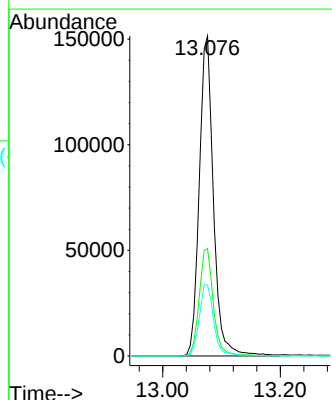
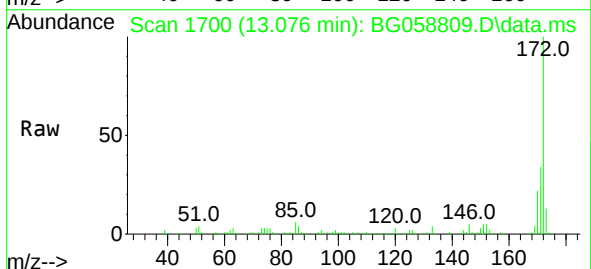
Tgt Ion:172 Resp: 253247

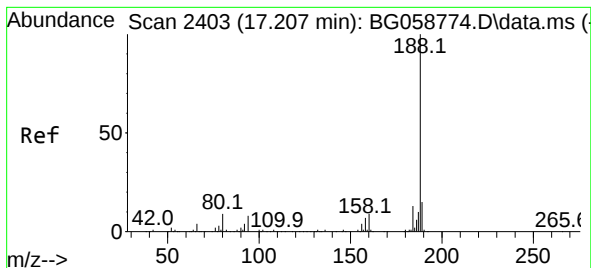
Ion Ratio Lower Upper

172 100

171 33.6 28.1 42.1

170 22.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BG058809.D

Acq: 22 Aug 2023 15:44

Instrument :

BNA_G

ClientSampleId :

TP-L

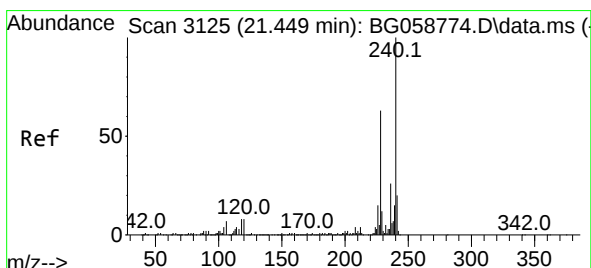
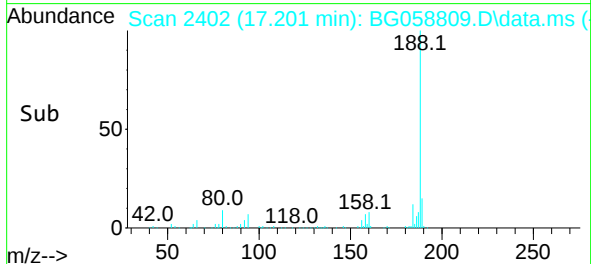
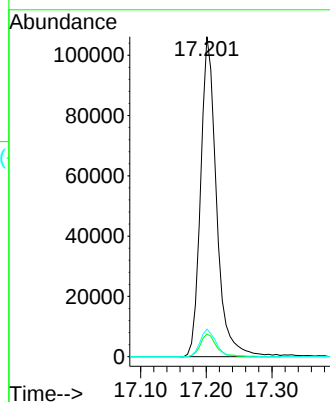
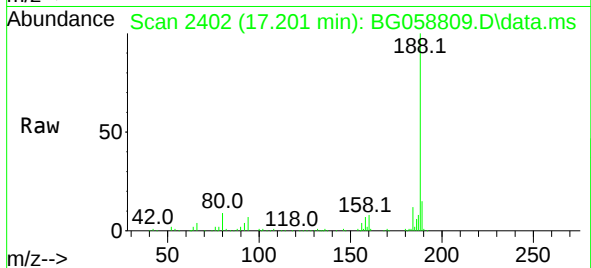
Tgt Ion:188 Resp: 179655

Ion Ratio Lower Upper

188 100

94 7.1 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: BG058809.D

Acq: 22 Aug 2023 15:44

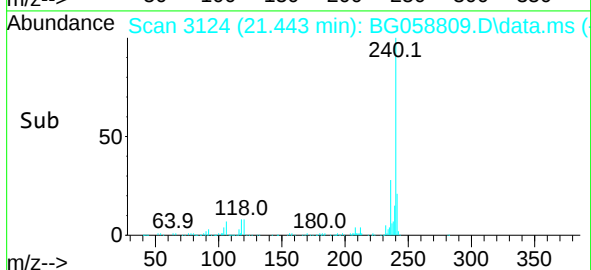
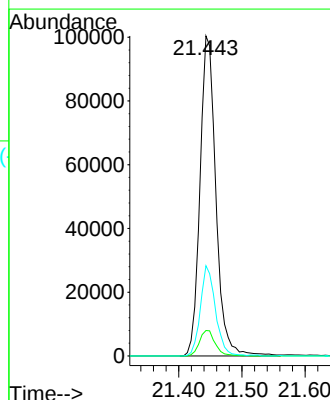
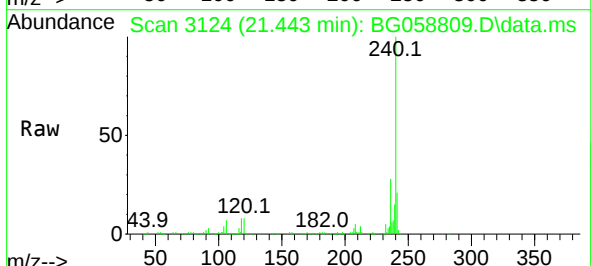
Tgt Ion:240 Resp: 175679

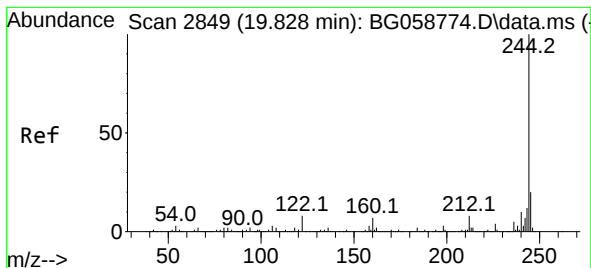
Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.2

236 28.2 20.5 30.7





#79

Terphenyl-d14

Concen: 59.641 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058809.D

Acq: 22 Aug 2023 15:44

Instrument :

BNA_G

ClientSampleId :

TP-L

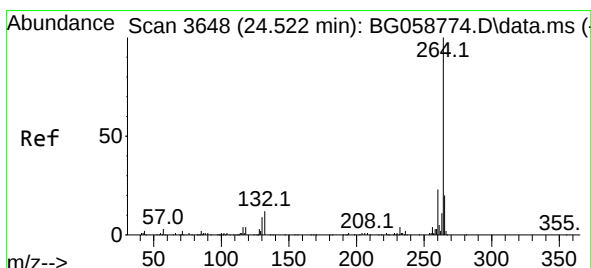
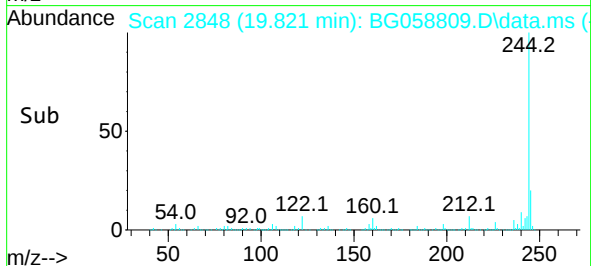
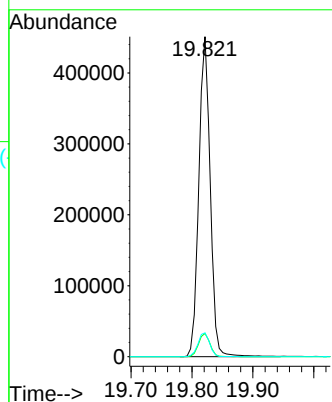
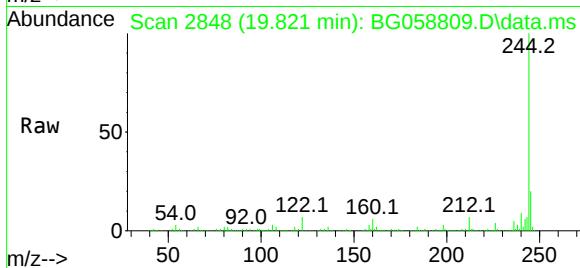
Tgt Ion:244 Resp: 583524

Ion Ratio Lower Upper

244 100

212 7.2 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: BG058809.D

Acq: 22 Aug 2023 15:44

Tgt Ion:264 Resp: 214652

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 22.0 16.4 24.6

