

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058752.D
 Acq On : 16 Aug 2023 17:29
 Operator : MA/JU
 Sample : 03996-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-20230811

Quant Time: Aug 17 03:34:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	25199	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	102989	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	74751	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	196171	20.000	ng	0.00
76) Chrysene-d12	21.448	240	182552	20.000	ng	0.00
86) Perylene-d12	24.527	264	220414	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	107437	65.166	ng	0.00
7) Phenol-d6	6.983	99	87881	38.308	ng	0.00
23) Nitrobenzene-d5	8.975	82	214980	102.544	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	182219	148.723	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	508812	102.006	ng	0.00
79) Terphenyl-d14	19.827	244	1049718	108.135	ng	0.00

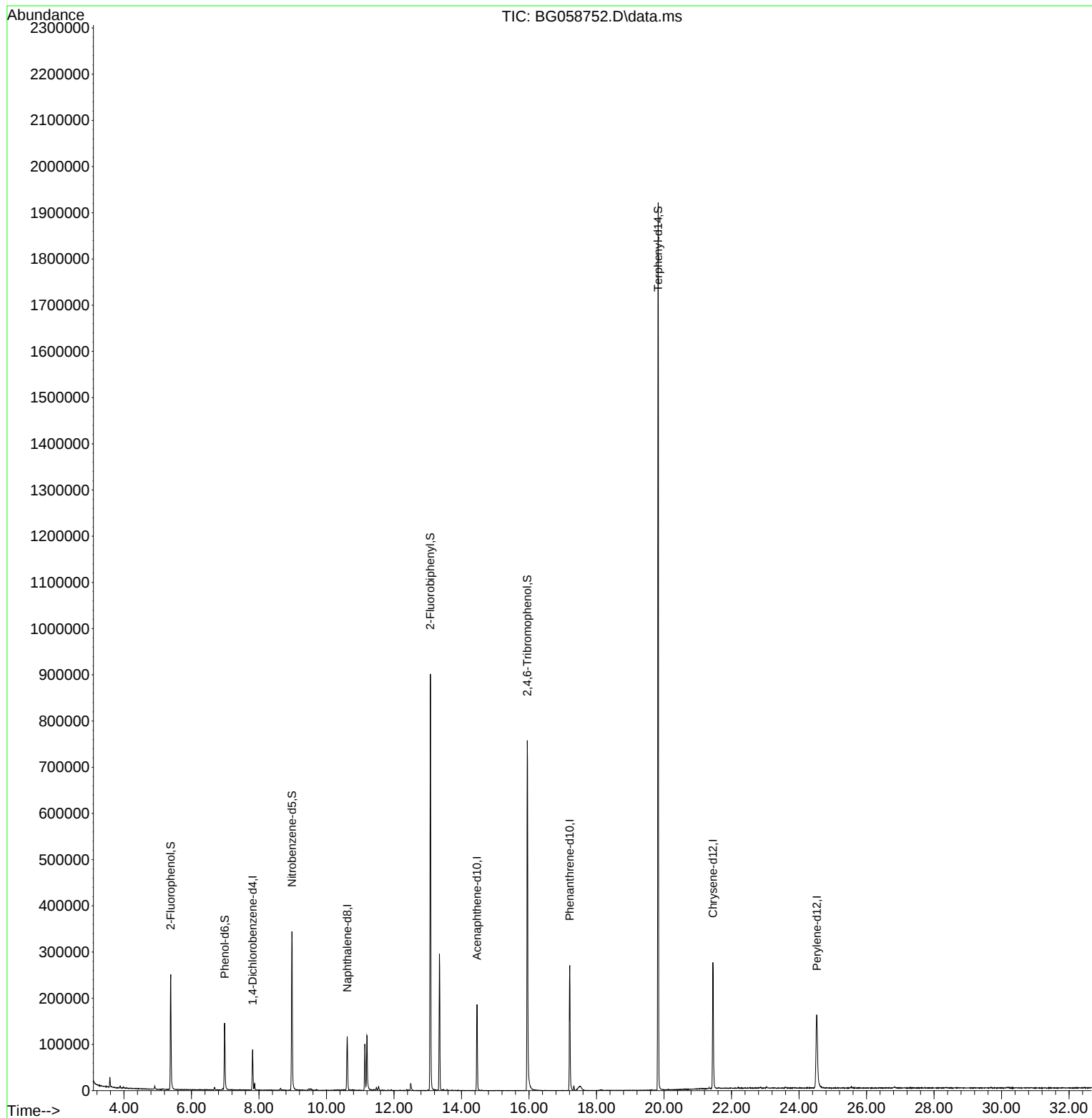
Target Compounds	Qvalue

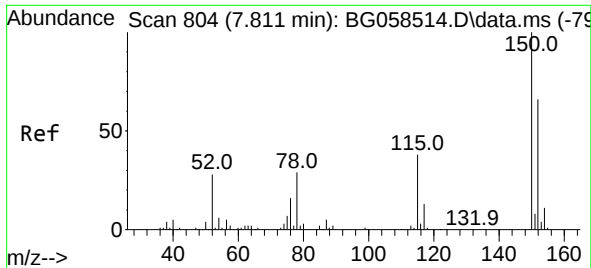
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
Data File : BG058752.D
Acq On : 16 Aug 2023 17:29
Operator : MA/JU
Sample : 03996-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-20230811

Quant Time: Aug 17 03:34:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 22:29:07 2023
Response via : Initial Calibration

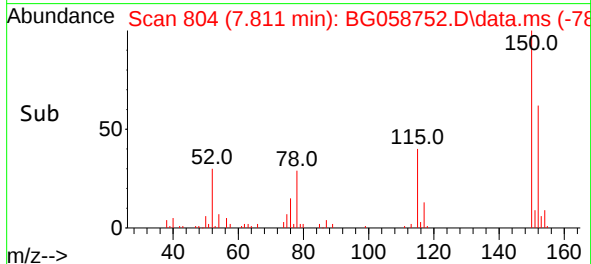
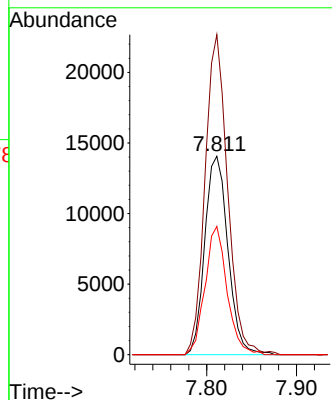
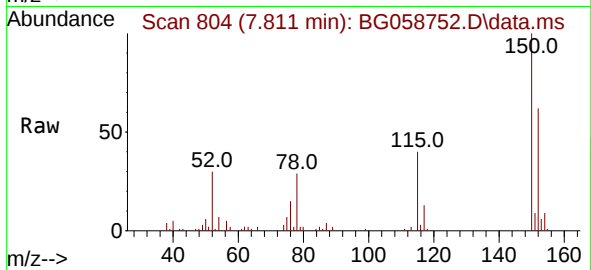




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

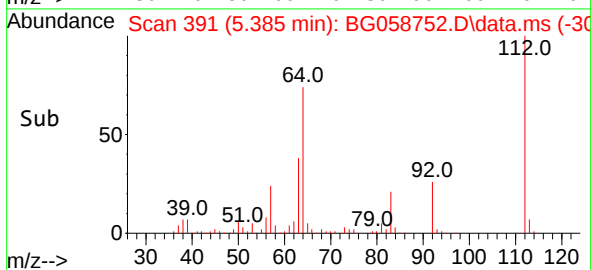
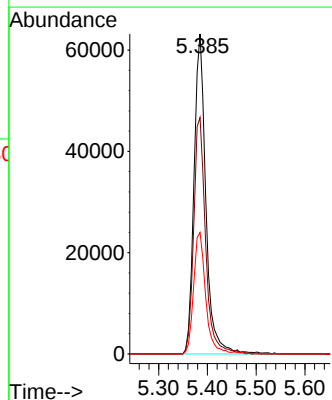
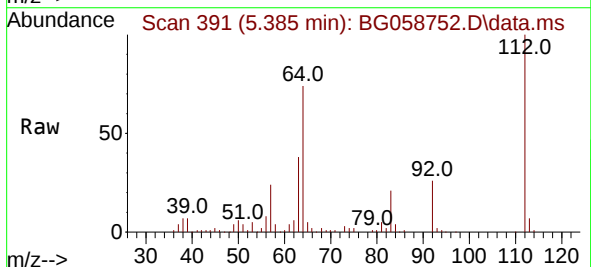
Instrument :
BNA_G
ClientSampleId :
EB-20230811

Tgt Ion:152 Resp: 25199
Ion Ratio Lower Upper
152 100
150 161.3 120.5 180.7
115 64.6 45.9 68.9



#5
2-Fluorophenol
Concen: 65.166 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

Tgt Ion:112 Resp: 107437
Ion Ratio Lower Upper
112 100
64 73.9 55.3 82.9
63 38.0 28.3 42.5

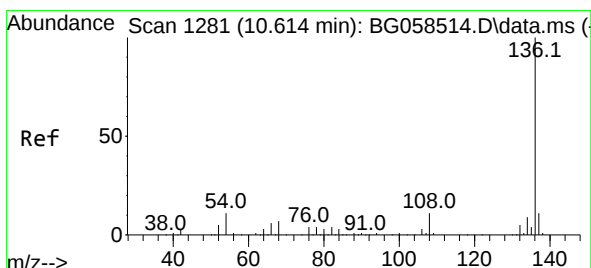
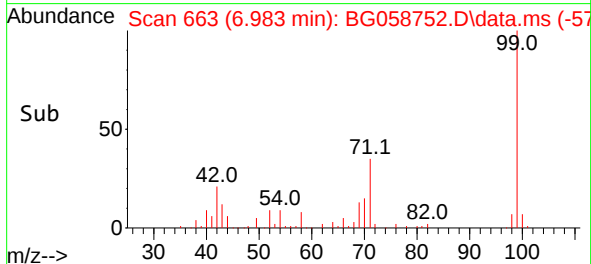
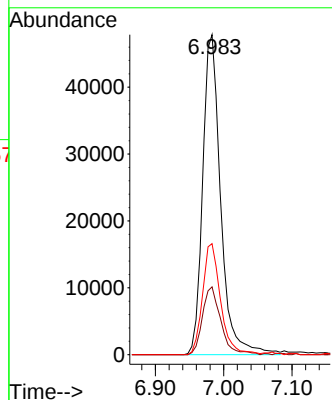
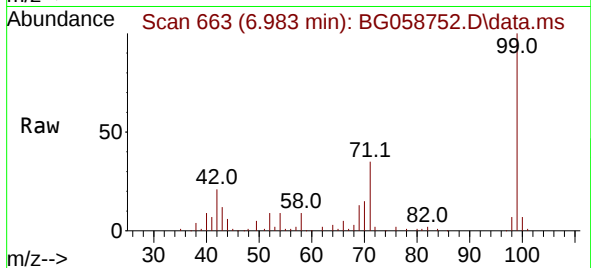




#7
Phenol-d6
Concen: 38.308 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

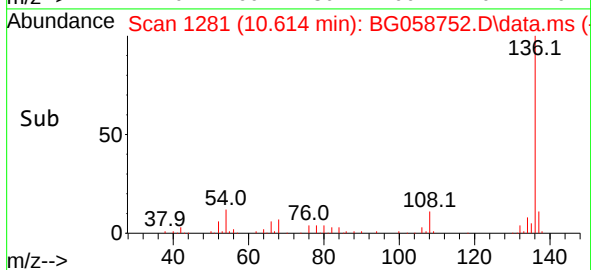
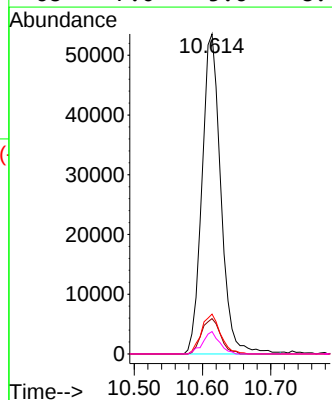
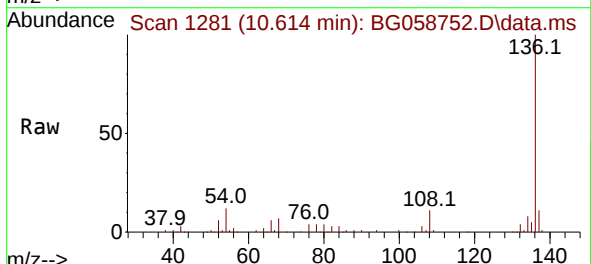
Instrument :
BNA_G
ClientSampleId :
EB-20230811

Tgt Ion: 99 Resp: 87881
Ion Ratio Lower Upper
99 100
42 21.2 14.6 21.8
71 34.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

Tgt Ion: 136 Resp: 102989
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 12.5 8.9 13.3
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 102.544 ng

RT: 8.975 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG058752.D

Acq: 16 Aug 2023 17:29

Instrument :

BNA_G

ClientSampleId :

EB-20230811

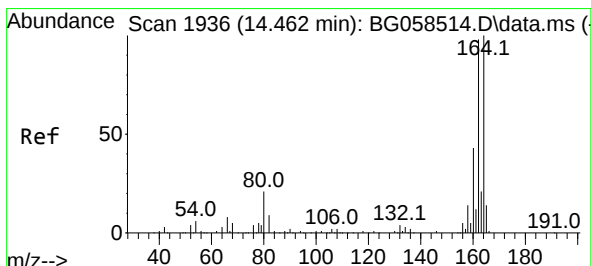
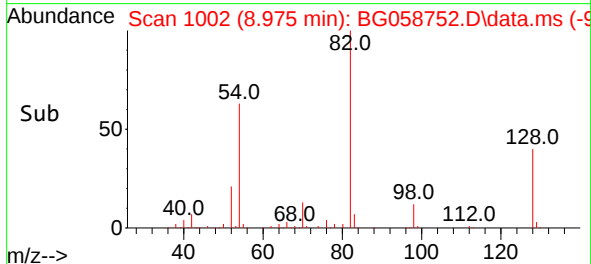
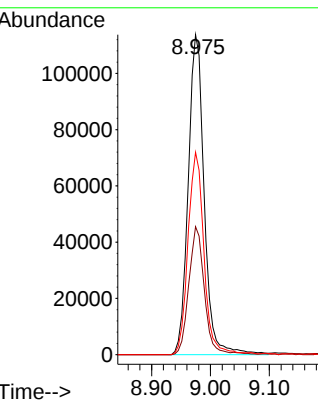
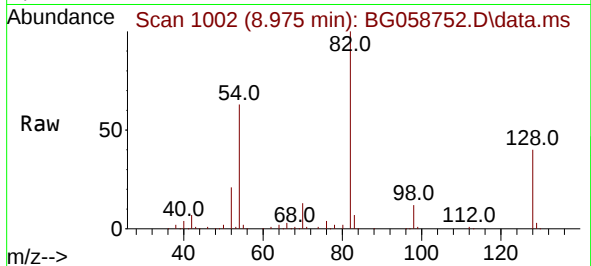
Tgt Ion: 82 Resp: 214980

Ion Ratio Lower Upper

82 100

128 40.0 32.2 48.2

54 63.2 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.456 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BG058752.D

Acq: 16 Aug 2023 17:29

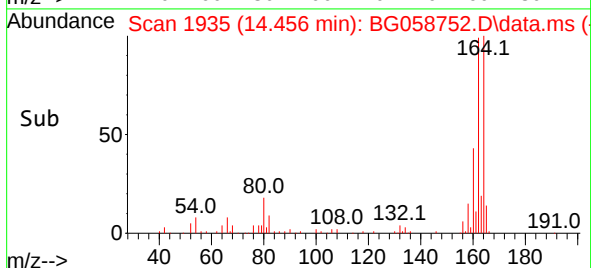
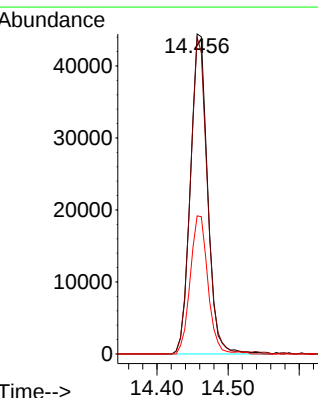
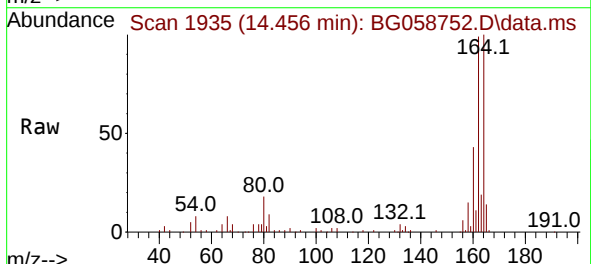
Tgt Ion:164 Resp: 74751

Ion Ratio Lower Upper

164 100

162 98.9 78.3 117.5

160 43.2 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 148.723 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058752.D

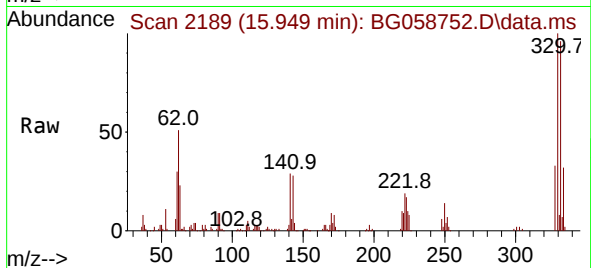
Acq: 16 Aug 2023 17:29

Instrument :

BNA_G

ClientSampleId :

EB-20230811



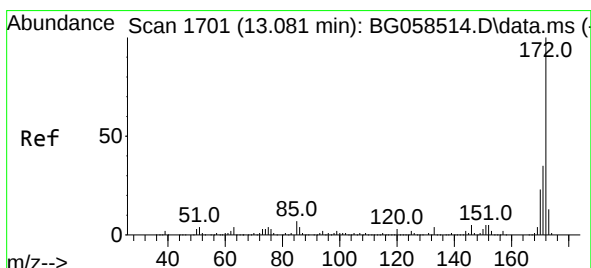
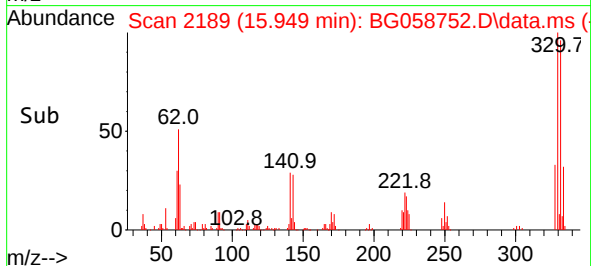
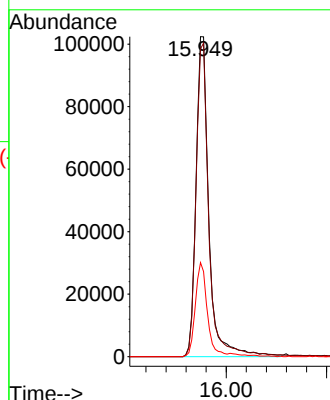
Tgt Ion:330 Resp: 182219

Ion Ratio Lower Upper

330 100

332 97.2 77.5 116.3

141 27.1 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 102.006 ng

RT: 13.076 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BG058752.D

Acq: 16 Aug 2023 17:29

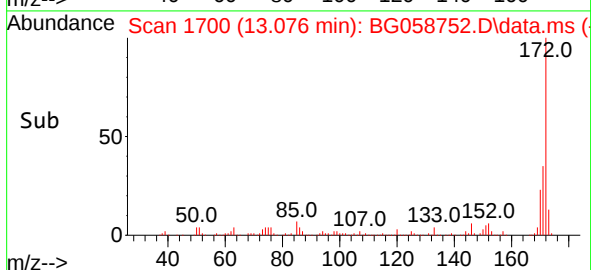
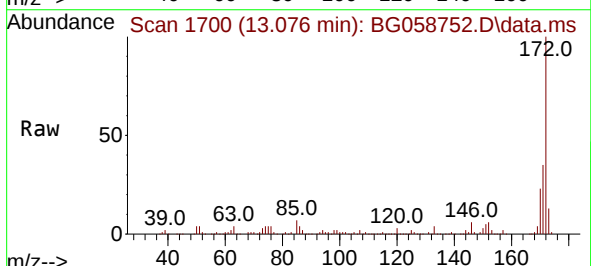
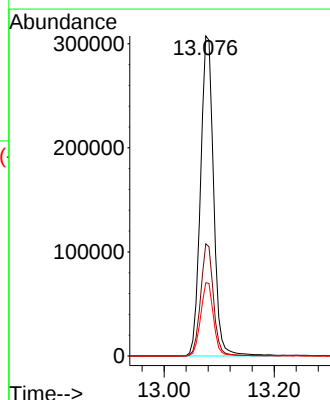
Tgt Ion:172 Resp: 508812

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 22.9 18.4 27.6

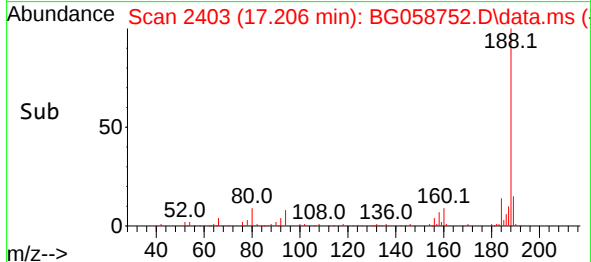
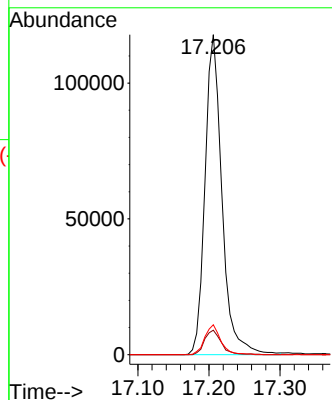
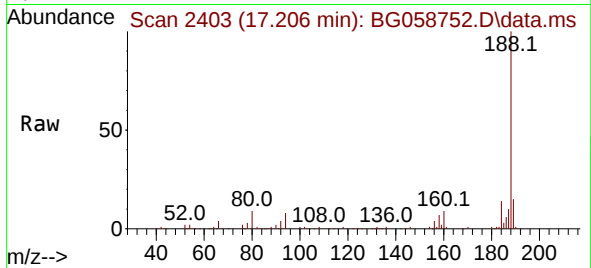




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

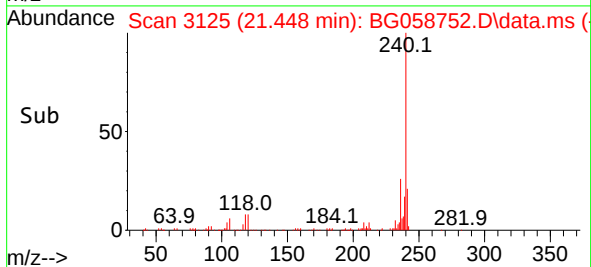
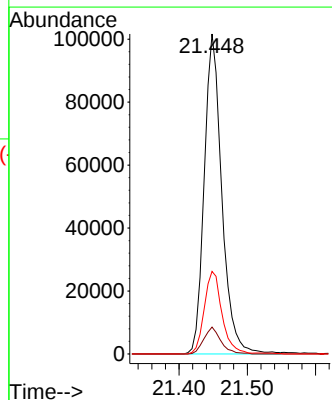
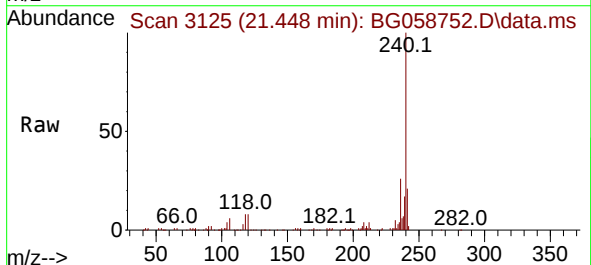
Instrument :
BNA_G
ClientSampleId :
EB-20230811

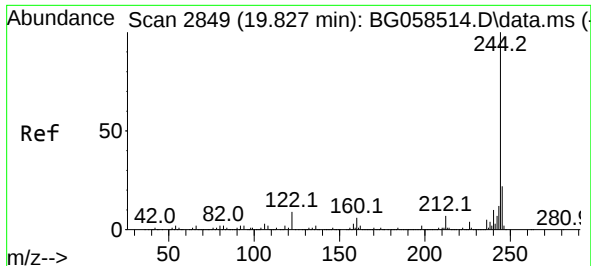
Tgt Ion:188 Resp: 196171
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 9.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058752.D
Acq: 16 Aug 2023 17:29

Tgt Ion:240 Resp: 182552
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 25.8 22.2 33.4

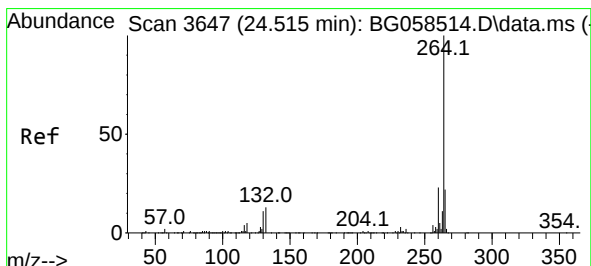
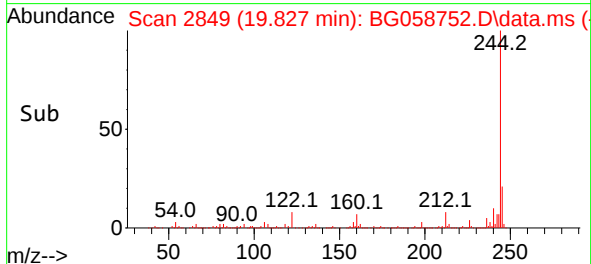
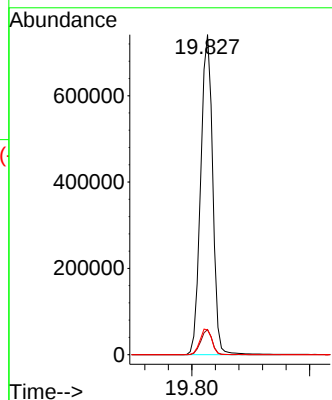
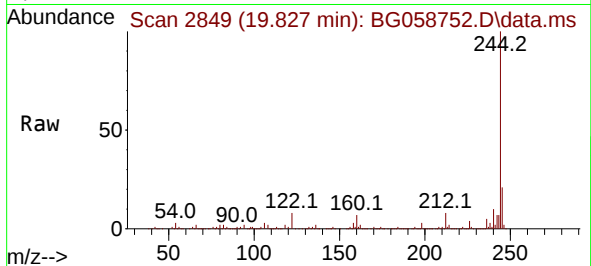




#79
 Terphenyl-d14
 Concen: 108.135 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058752.D
 Acq: 16 Aug 2023 17:29

Instrument :
 BNA_G
 ClientSampleId :
 EB-20230811

Tgt Ion:244 Resp: 1049718
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 7.8 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.527 min Scan# 3649
 Delta R.T. 0.012 min
 Lab File: BG058752.D
 Acq: 16 Aug 2023 17:29

Tgt Ion:264 Resp: 220414
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.1 17.9 26.9

