

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058615.D
 Acq On : 4 Aug 2023 17:31
 Operator : MA/JU
 Sample : 03840-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-13-(0-5)

Quant Time: Aug 04 23:23:23 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	7.812	152	47820	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	214432	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	154657	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	352837	20.000	ng	0.00
76) Chrysene-d12	21.443	240	316143	20.000	ng	0.00
86) Perylene-d12	24.516	264	388374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	201931	64.543	ng	0.00
7) Phenol-d6	6.984	99	290255	66.672	ng	0.00
23) Nitrobenzene-d5	8.975	82	170720	39.111	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	138601	54.676	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	379896	36.811	ng	0.00
79) Terphenyl-d14	19.821	244	686157	40.815	ng	0.00

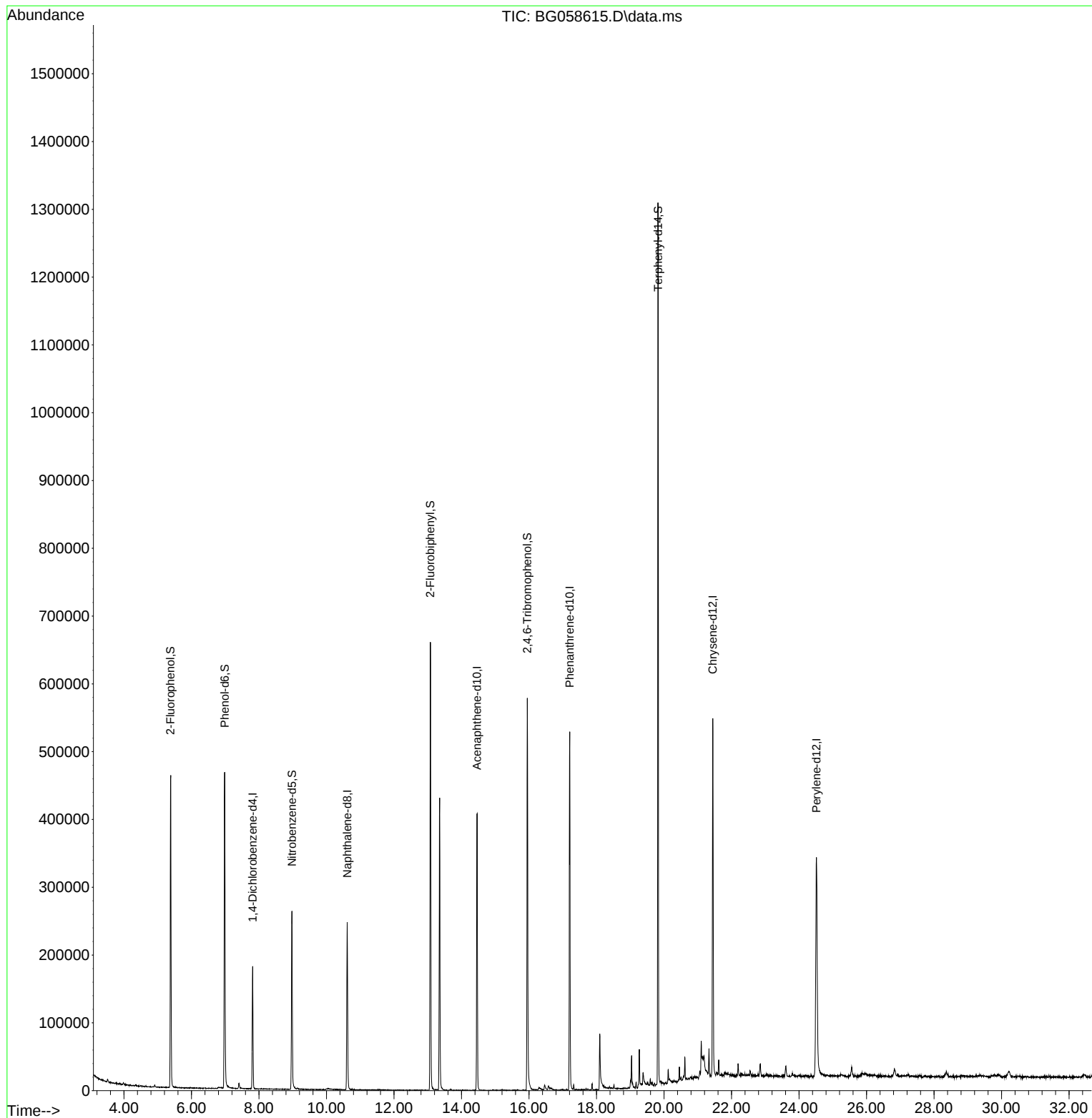
Target Compounds	Qvalue

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

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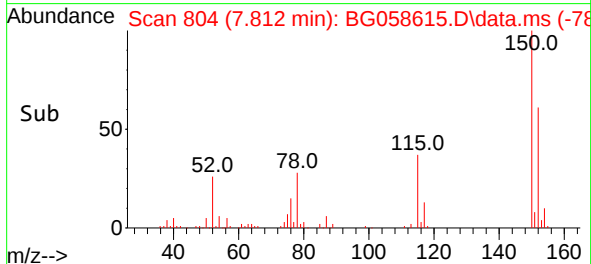
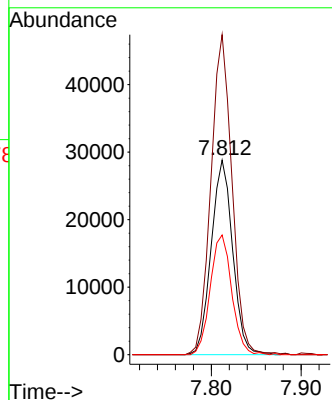
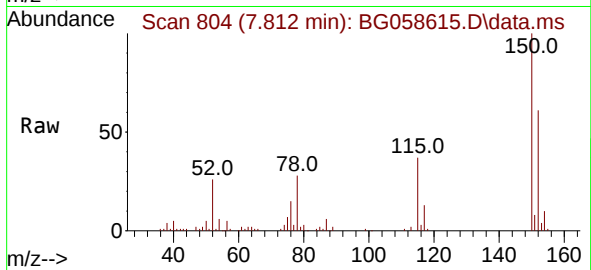




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

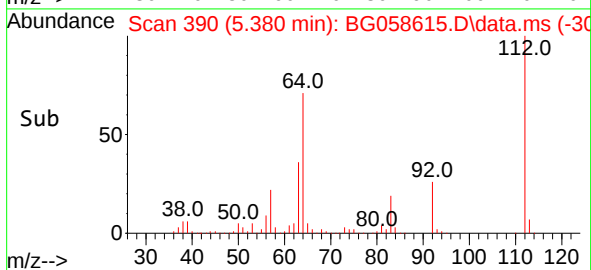
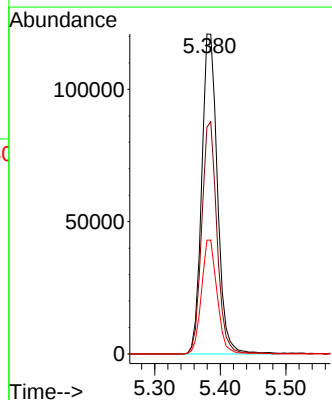
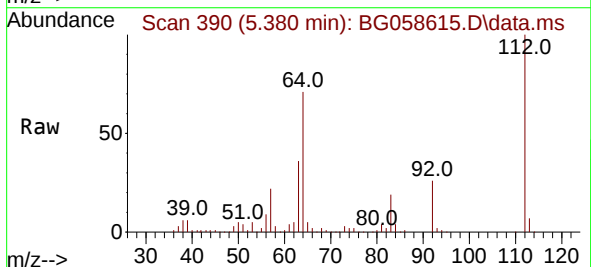
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-13-(0-5)

Tgt Ion:152 Resp: 47820
Ion Ratio Lower Upper
152 100
150 164.5 120.5 180.7
115 61.5 45.9 68.9



#5
2-Fluorophenol
Concen: 64.543 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

Tgt Ion:112 Resp: 201931
Ion Ratio Lower Upper
112 100
64 70.8 55.3 82.9
63 35.5 28.3 42.5

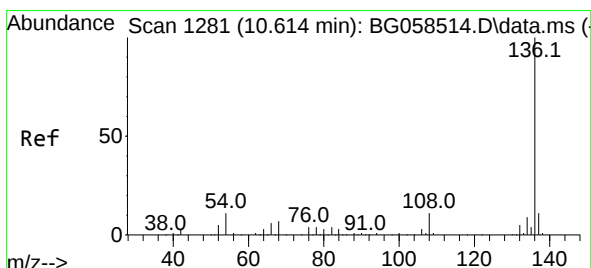
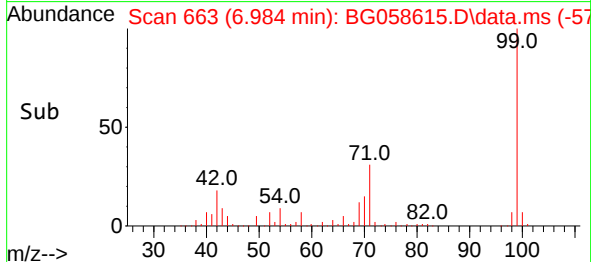
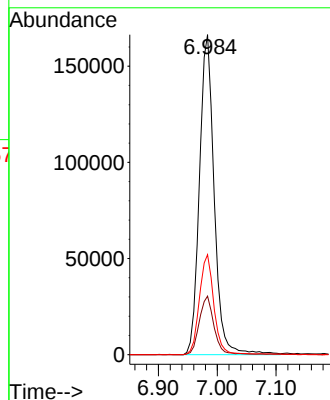
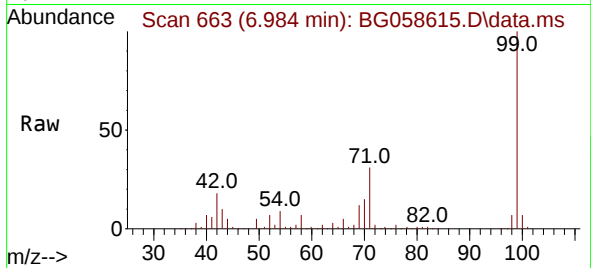




#7
Phenol-d6
Concen: 66.672 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

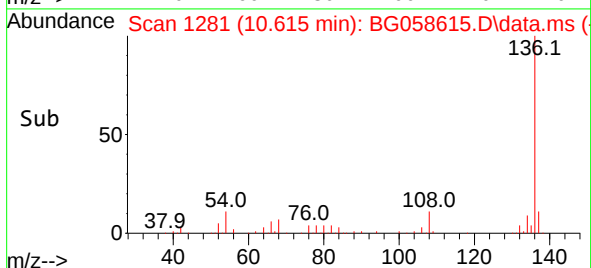
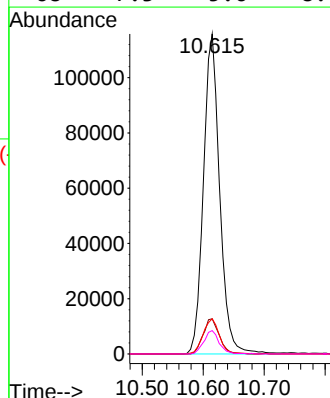
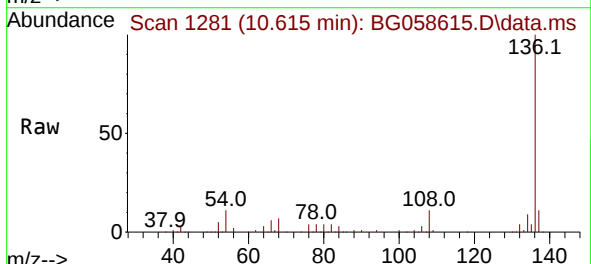
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-13-(0-5)

Tgt Ion: 99 Resp: 290255
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 31.2 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

Tgt Ion: 136 Resp: 214432
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.0 8.9 13.3
68 7.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 39.111 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058615.D

Acq: 4 Aug 2023 17:31

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-13-(0-5)

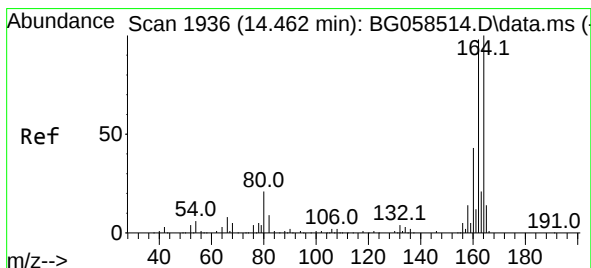
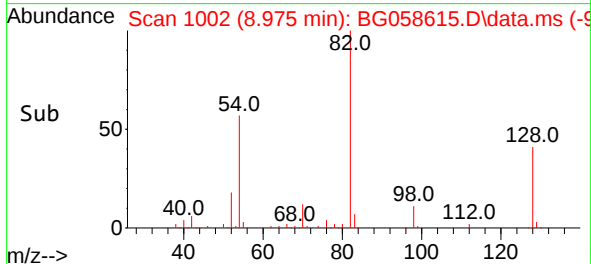
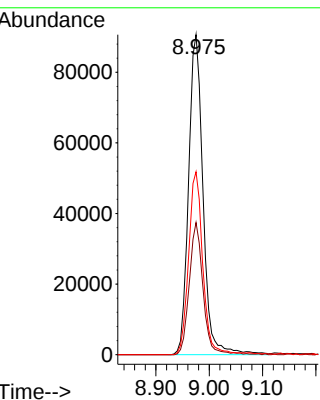
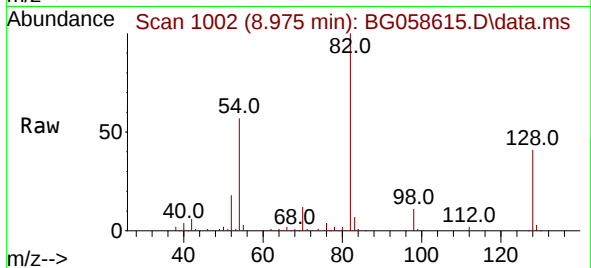
Tgt Ion: 82 Resp: 170720

Ion Ratio Lower Upper

82 100

128 41.3 32.2 48.2

54 57.2 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG058615.D

Acq: 4 Aug 2023 17:31

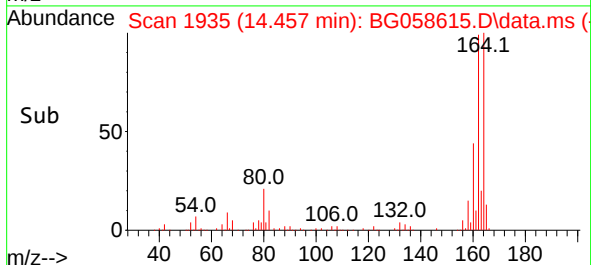
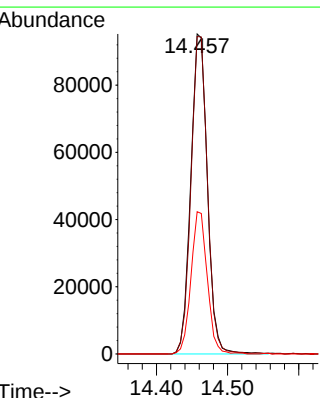
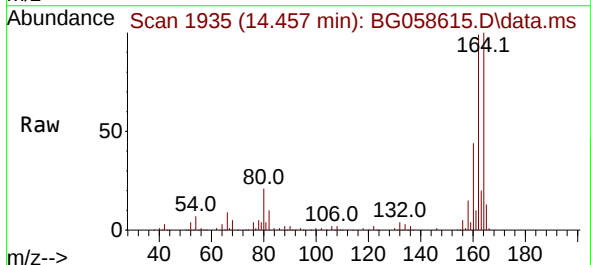
Tgt Ion:164 Resp: 154657

Ion Ratio Lower Upper

164 100

162 99.2 78.3 117.5

160 44.4 34.1 51.1

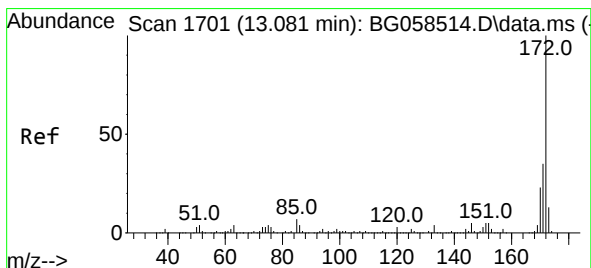
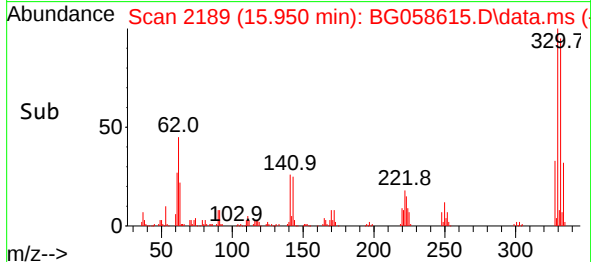
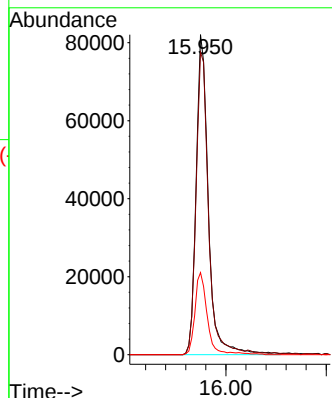
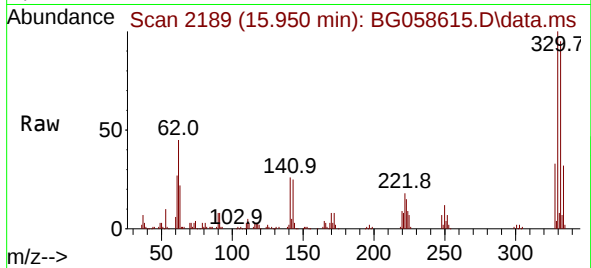




#42
2,4,6-Tribromophenol
Concen: 54.676 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

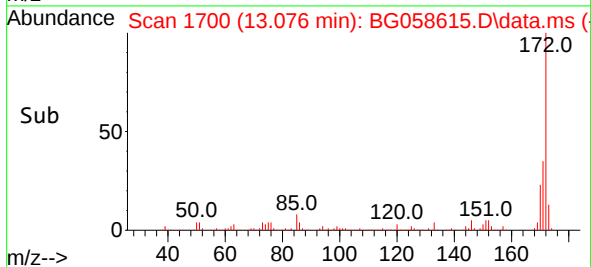
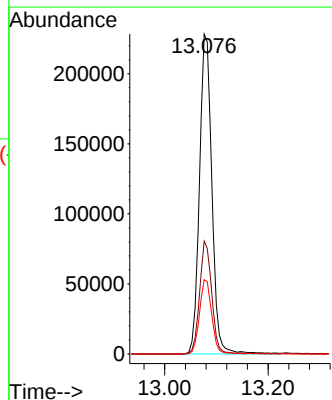
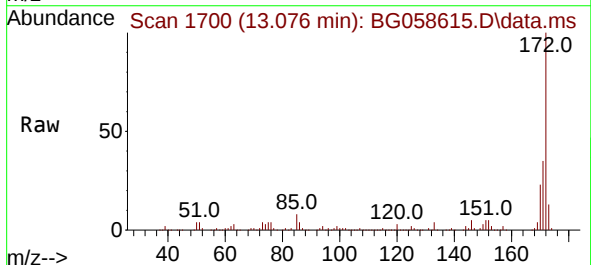
Instrument :
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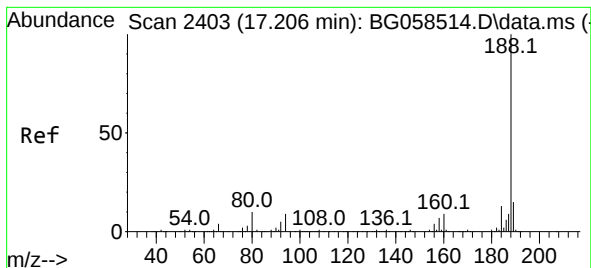
Tgt Ion:330 Resp: 138601
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 26.0 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 36.811 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

Tgt Ion:172 Resp: 379896
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG058615.D

Acq: 4 Aug 2023 17:31

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-13-(0-5)

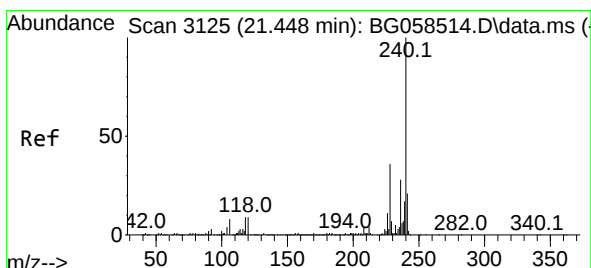
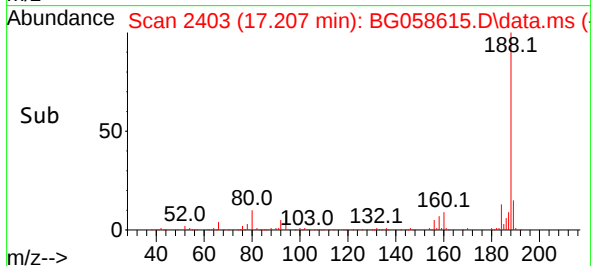
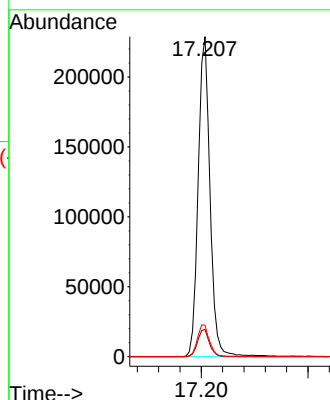
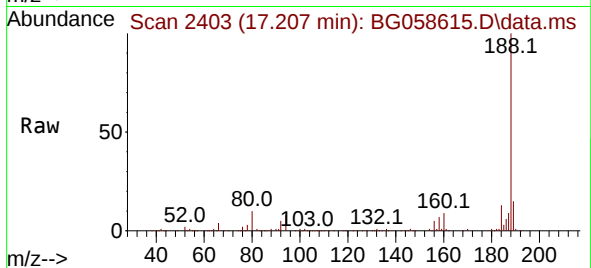
Tgt Ion:188 Resp: 352837

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 3124

Delta R.T. -0.005 min

Lab File: BG058615.D

Acq: 4 Aug 2023 17:31

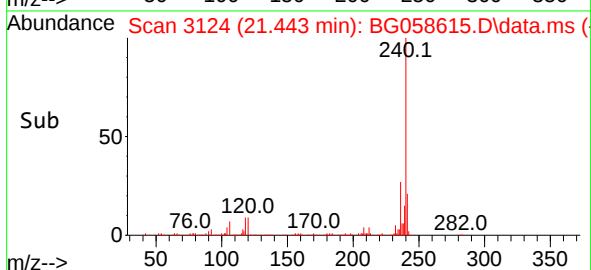
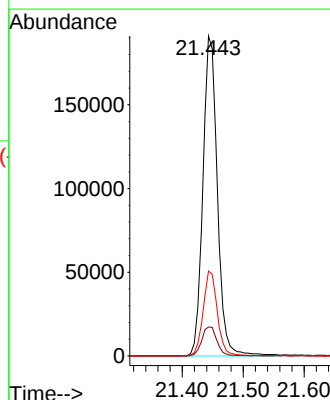
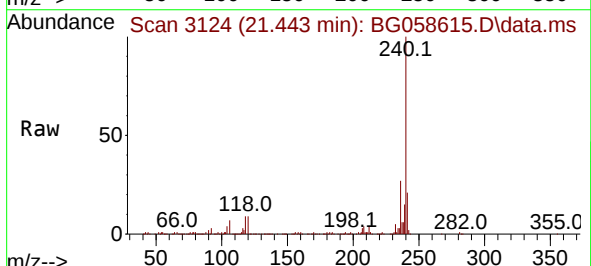
Tgt Ion:240 Resp: 316143

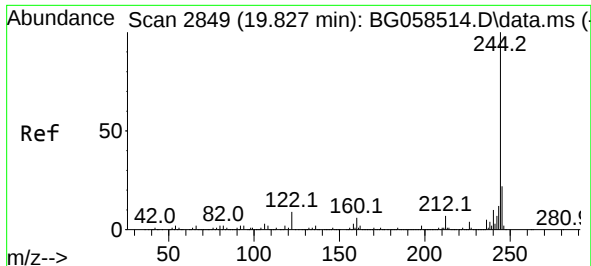
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

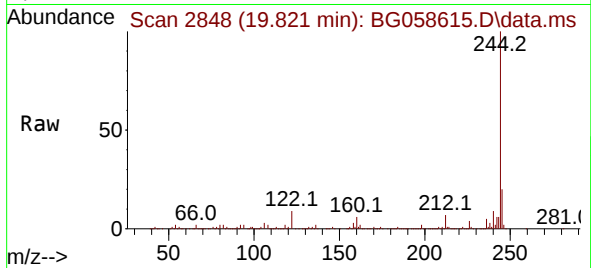
236 26.5 22.2 33.4



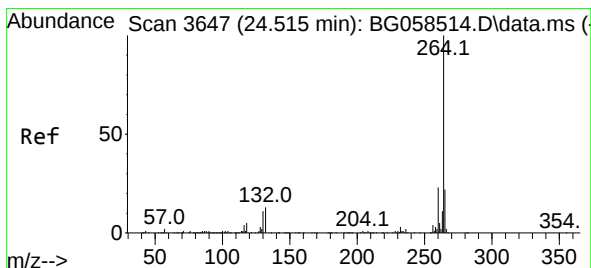
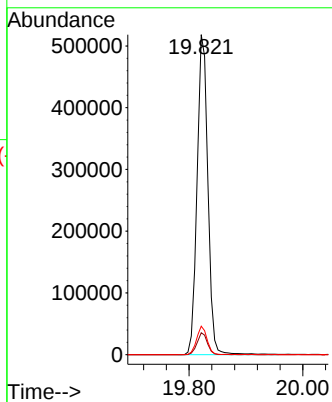
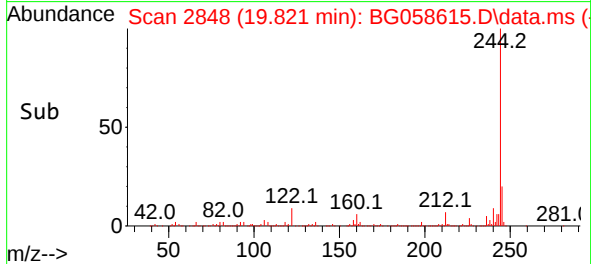


#79
 Terphenyl-d14
 Concen: 40.815 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058615.D
 Acq: 4 Aug 2023 17:31

Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-13-(0-5)



Tgt Ion:244 Resp: 686157
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.9 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058615.D
 Acq: 4 Aug 2023 17:31

Tgt Ion:264 Resp: 388374
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.7 17.9 26.9

