

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058630.D
 Acq On : 7 Aug 2023 16:59
 Operator : MA/JU
 Sample : 03862-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK-1

Quant Time: Aug 08 01:30:48 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	7.814	152	33816	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	150589	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	121490	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	319744	20.000	ng	0.00
76) Chrysene-d12	21.445	240	295145	20.000	ng	0.00
86) Perylene-d12	24.518	264	353420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	135096	61.062	ng	0.00
7) Phenol-d6	6.986	99	112277	36.471	ng	0.00
23) Nitrobenzene-d5	8.977	82	285477	93.129	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	270408	135.794	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	713592	88.022	ng	0.00
79) Terphenyl-d14	19.829	244	1457259	92.850	ng	0.00

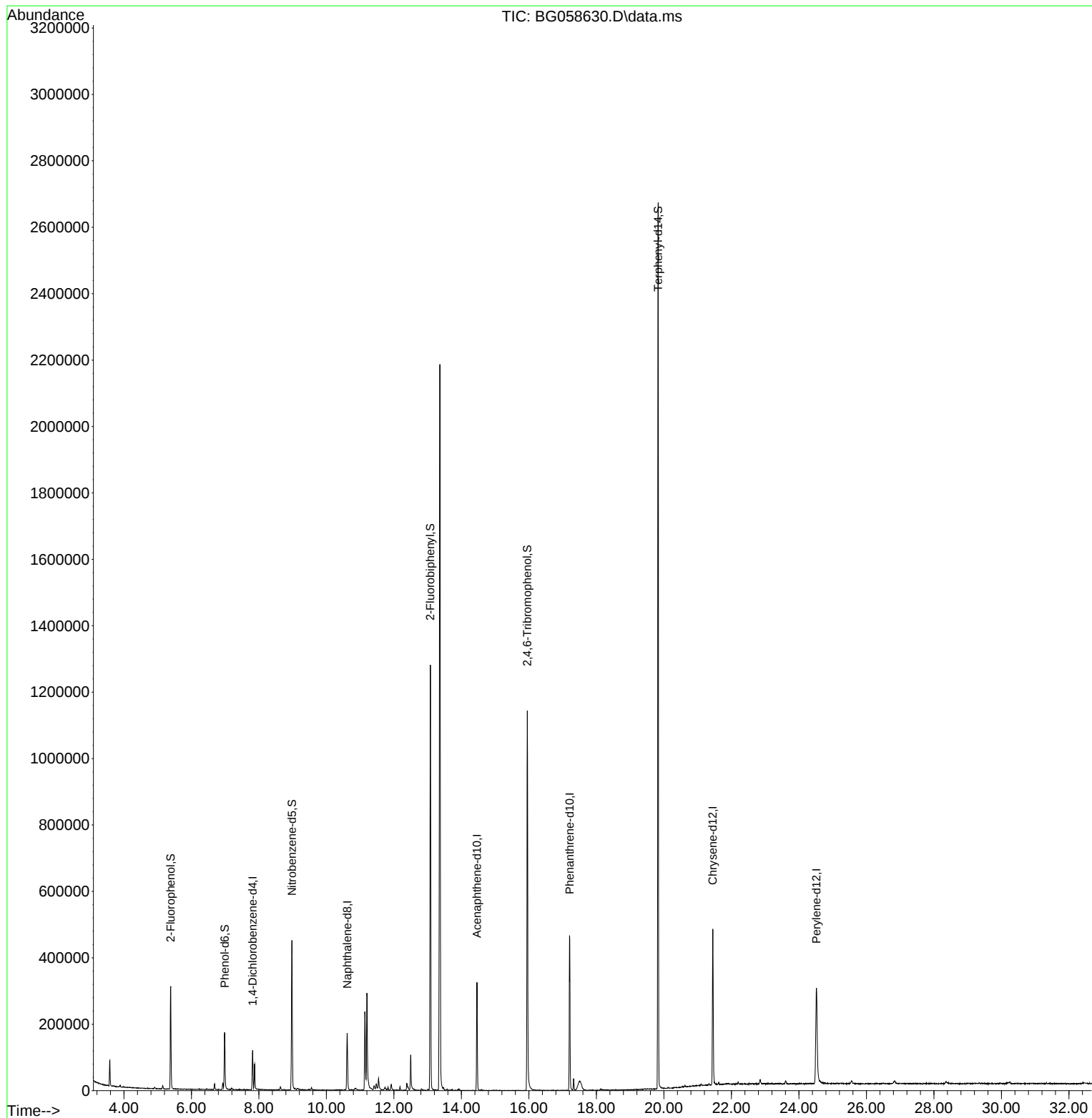
Target Compounds	Qvalue

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

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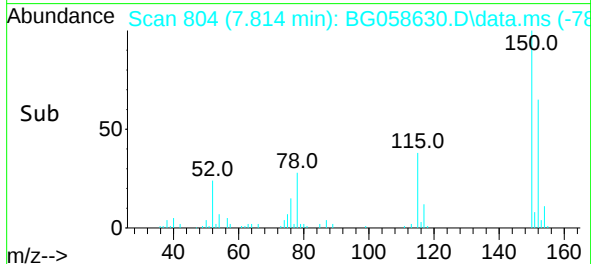
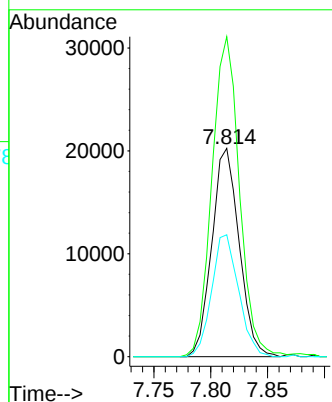
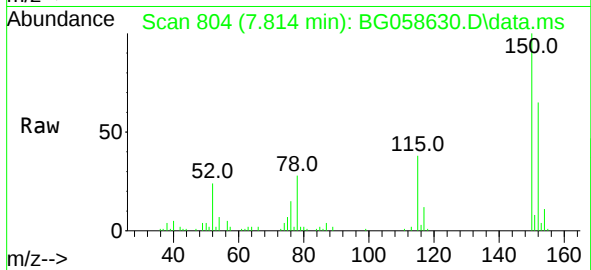




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

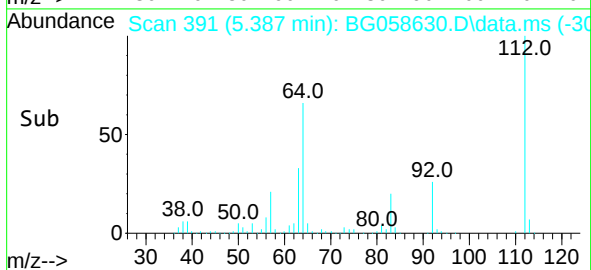
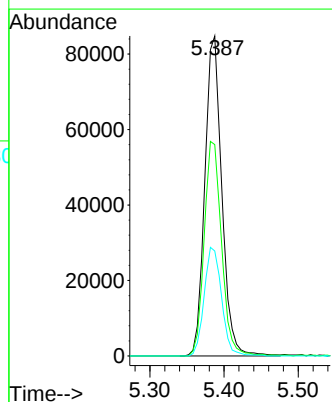
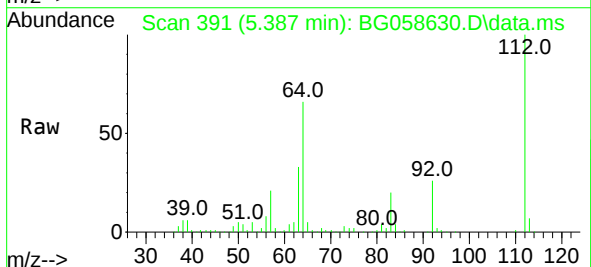
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK-1

Tgt Ion:152 Resp: 33816
Ion Ratio Lower Upper
152 100
150 153.6 120.5 180.7
115 58.6 45.9 68.9



#5
2-Fluorophenol
Concen: 61.062 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

Tgt Ion:112 Resp: 135096
Ion Ratio Lower Upper
112 100
64 66.1 55.3 82.9
63 32.8 28.3 42.5

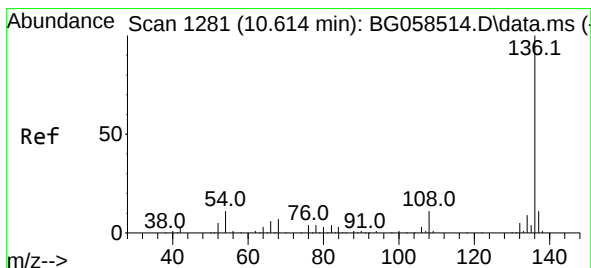
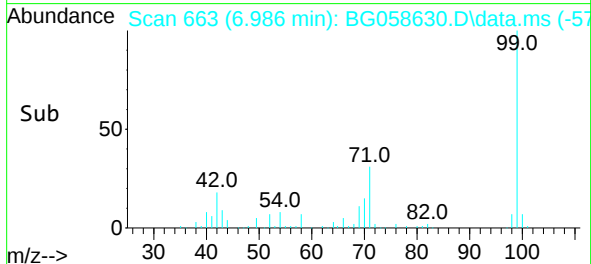
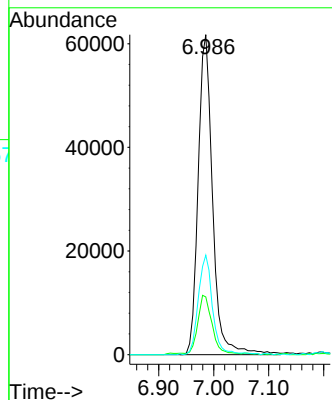
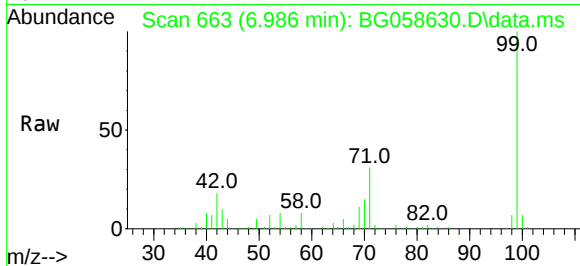




#7
Phenol-d6
Concen: 36.471 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

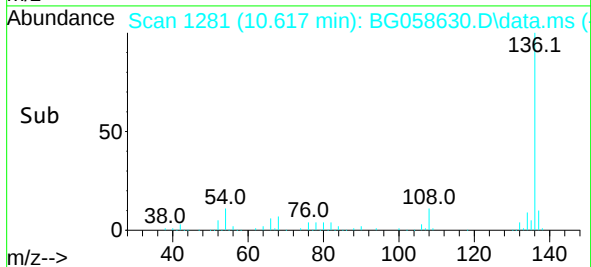
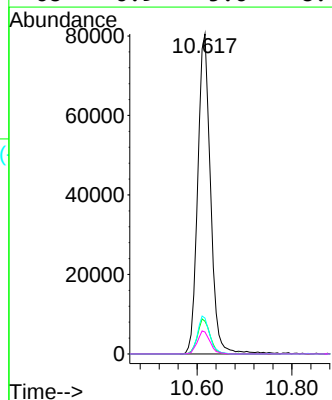
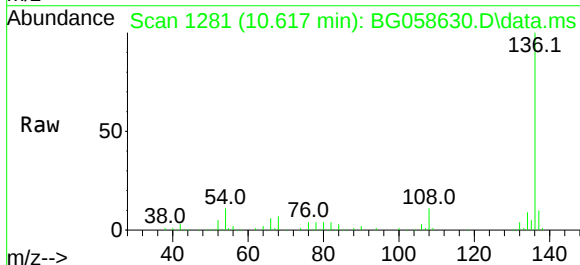
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK-1

Tgt Ion: 99 Resp: 112277
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 31.1 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

Tgt Ion: 136 Resp: 150589
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 11.2 8.9 13.3
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 93.129 ng

RT: 8.977 min Scan# 1002

Delta R.T. -0.003 min

Lab File: BG058630.D

Acq: 7 Aug 2023 16:59

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK-1

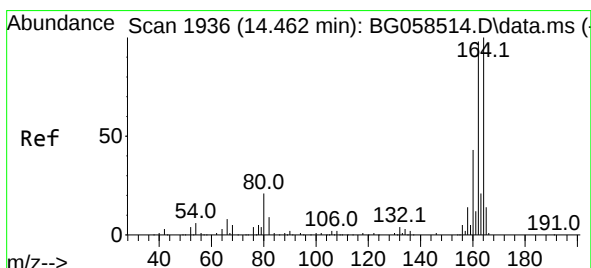
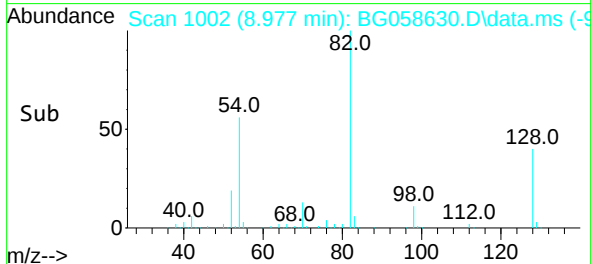
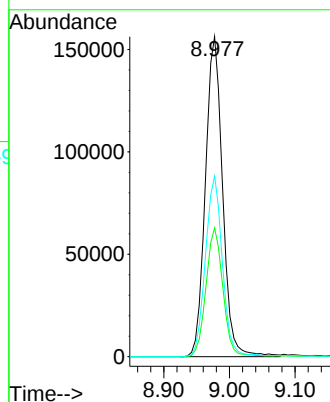
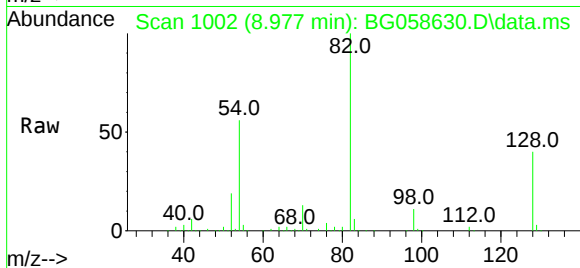
Tgt Ion: 82 Resp: 285477

Ion Ratio Lower Upper

82 100

128 40.3 32.2 48.2

54 56.4 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.459 min Scan# 1935

Delta R.T. -0.003 min

Lab File: BG058630.D

Acq: 7 Aug 2023 16:59

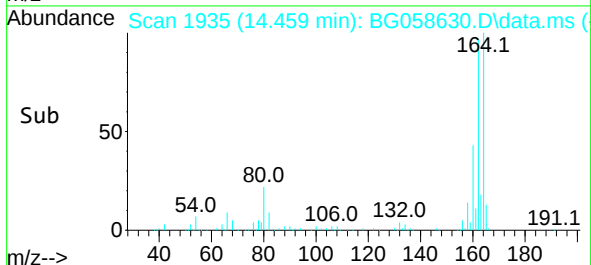
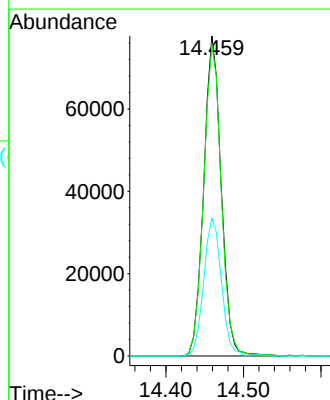
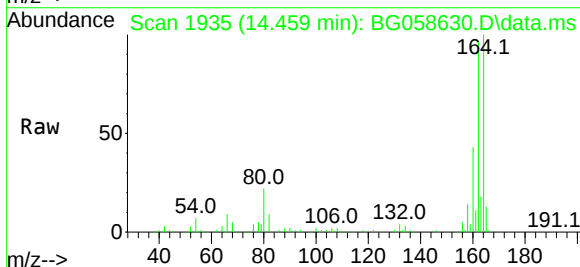
Tgt Ion:164 Resp: 121490

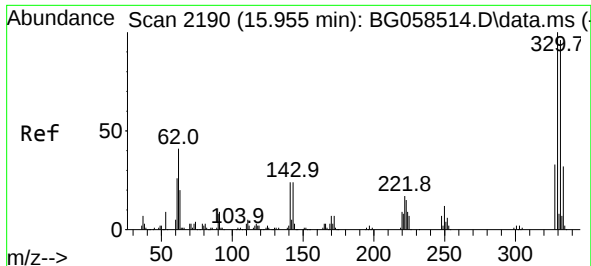
Ion Ratio Lower Upper

164 100

162 97.0 78.3 117.5

160 43.1 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 135.794 ng

RT: 15.952 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058630.D

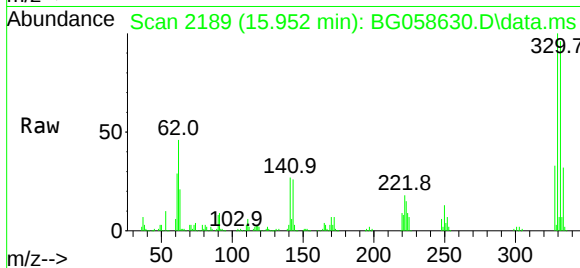
Acq: 7 Aug 2023 16:59

Instrument :

BNA_G

ClientSampleId :

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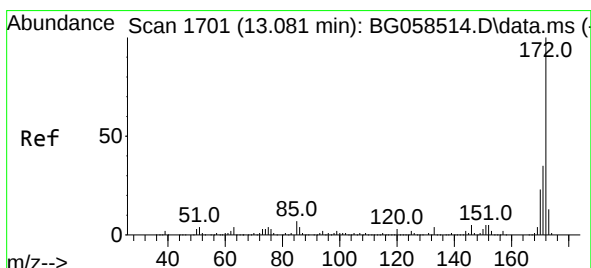
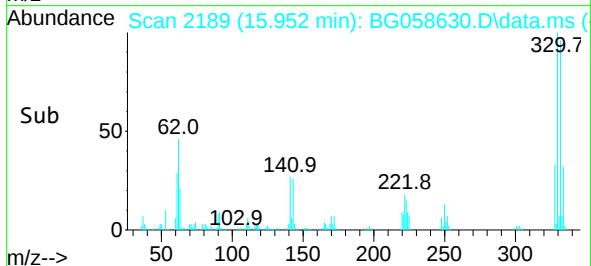
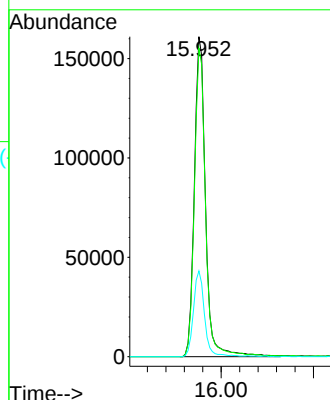
Tgt Ion:330 Resp: 270408

Ion Ratio Lower Upper

330 100

332 95.0 77.5 116.3

141 26.5 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 88.022 ng

RT: 13.078 min Scan# 1700

Delta R.T. -0.003 min

Lab File: BG058630.D

Acq: 7 Aug 2023 16:59

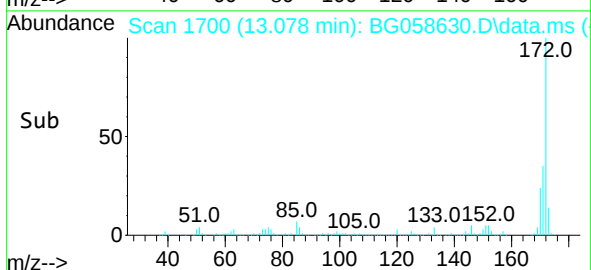
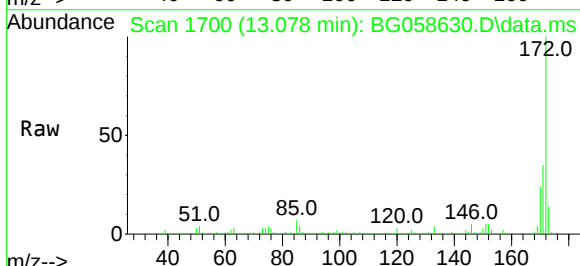
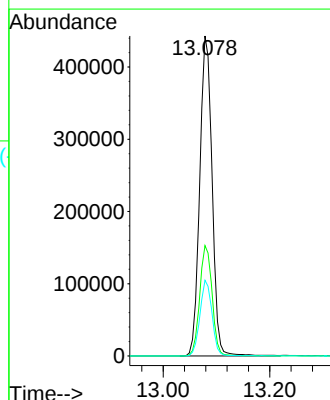
Tgt Ion:172 Resp: 713592

Ion Ratio Lower Upper

172 100

171 34.5 28.0 42.0

170 23.7 18.4 27.6

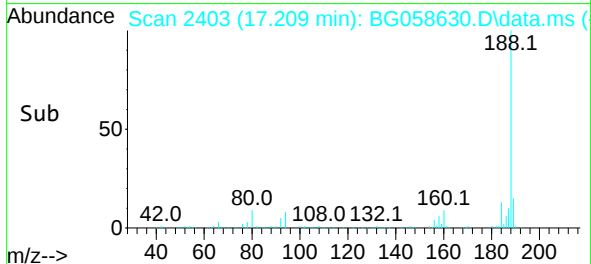
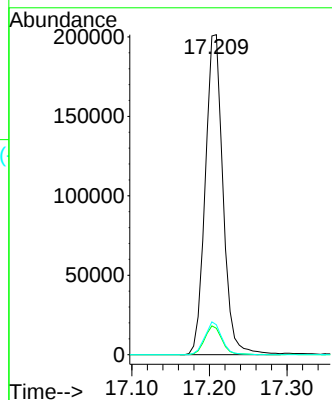
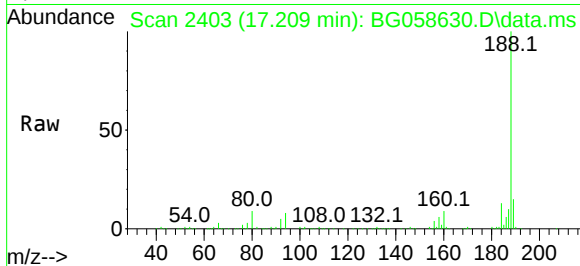




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

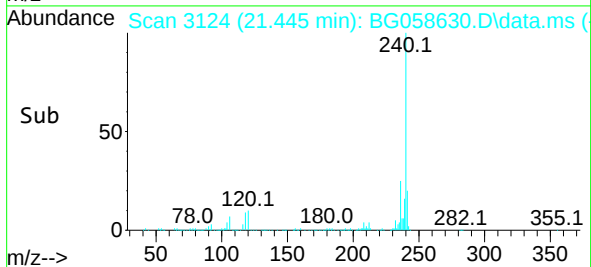
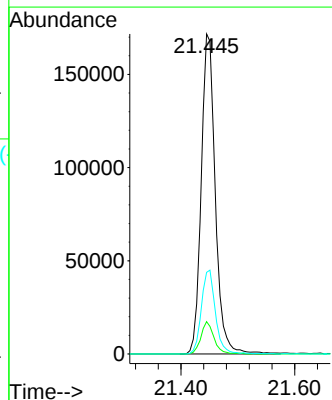
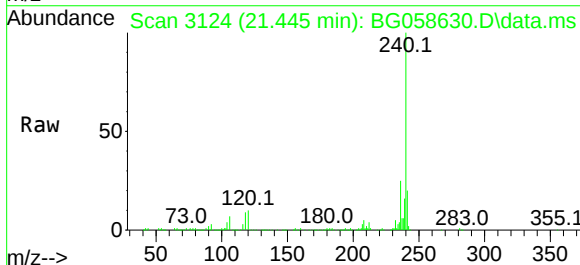
Instrument :
BNA_G
ClientSampleId :
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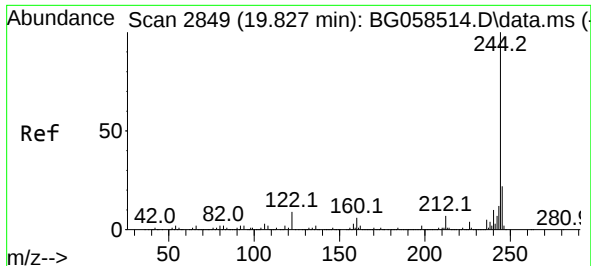
Tgt Ion:188 Resp: 319744
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

Tgt Ion:240 Resp: 295145
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 25.5 22.2 33.4

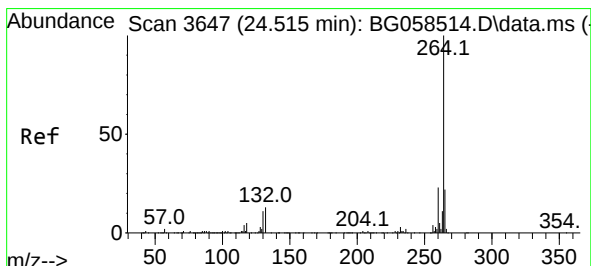
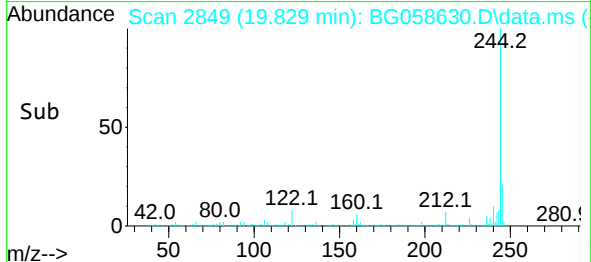
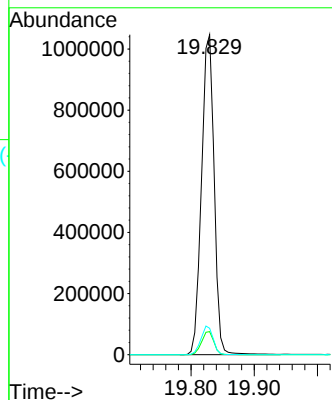
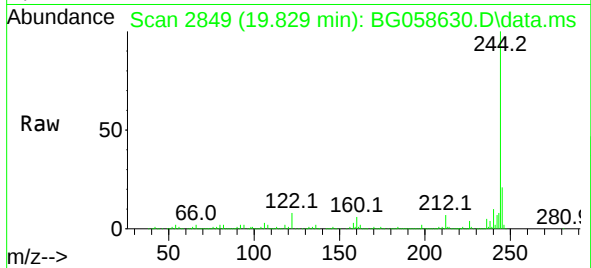




#79
 Terphenyl-d14
 Concen: 92.850 ng
 RT: 19.829 min Scan# 2849
 Delta R.T. 0.003 min
 Lab File: BG058630.D
 Acq: 7 Aug 2023 16:59

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK-1

Tgt Ion:244 Resp: 1457259
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 3647
 Delta R.T. 0.003 min
 Lab File: BG058630.D
 Acq: 7 Aug 2023 16:59

Tgt Ion:264 Resp: 353420
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.7 17.9 26.9

