

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058684.D
 Acq On : 10 Aug 2023 18:26
 Operator : MA/JU
 Sample : 03954-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15

Quant Time: Aug 11 01:56:50 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	7.812	152	40462	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	171290	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	122716	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	318322	20.000	ng	0.00
76) Chrysene-d12	21.449	240	283092	20.000	ng	0.00
86) Perylene-d12	24.522	264	310639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	367889	138.971	ng	0.00
7) Phenol-d6	6.984	99	475428	129.066	ng	0.00
23) Nitrobenzene-d5	8.976	82	330425	94.765	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	262835	130.673	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	751728	91.800	ng	0.00
79) Terphenyl-d14	19.828	244	1506554	100.078	ng	0.00

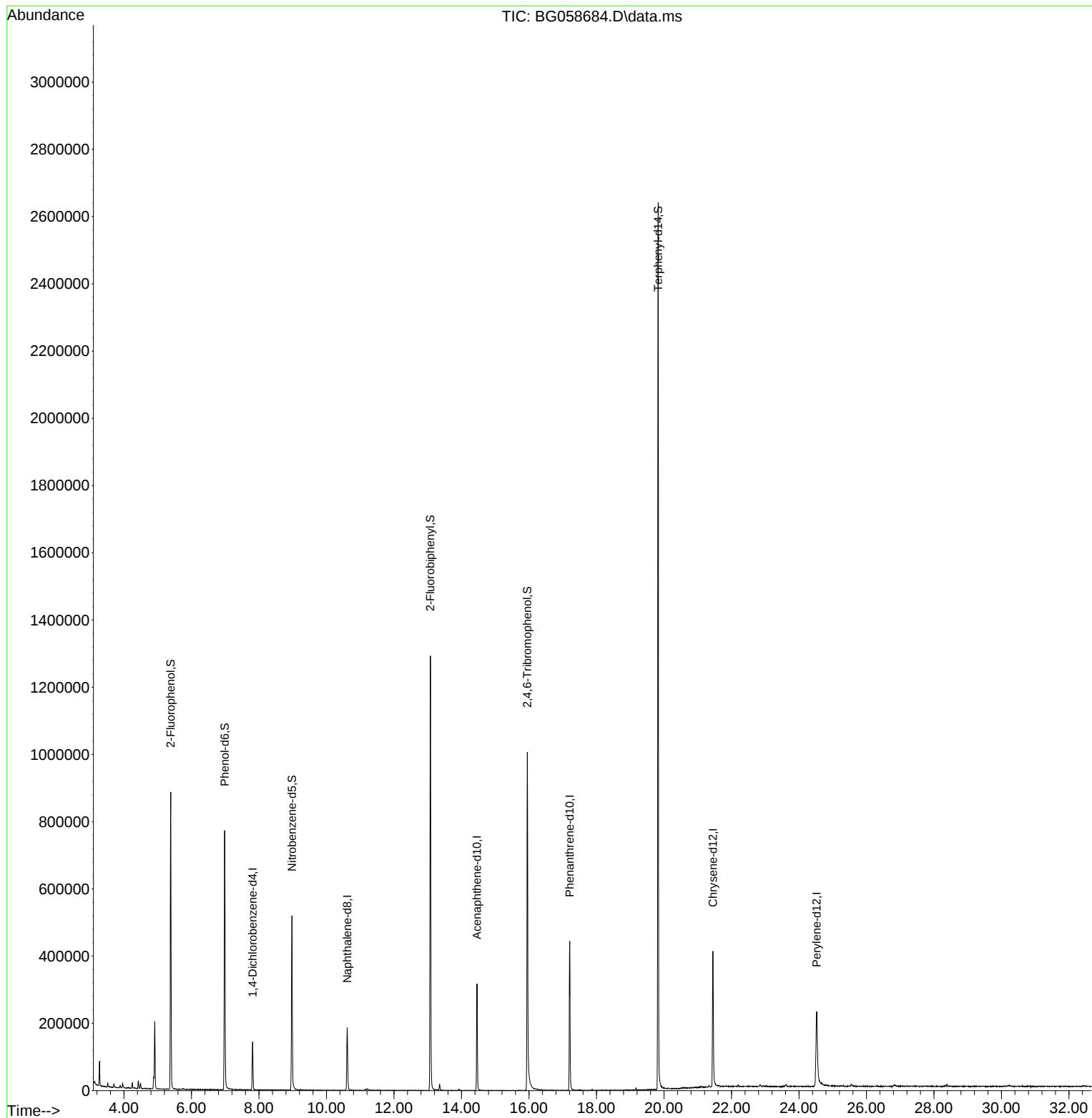
Target Compounds	Qvalue

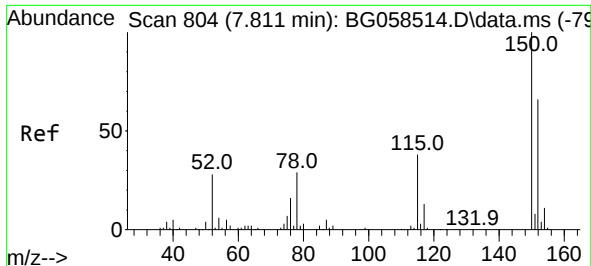
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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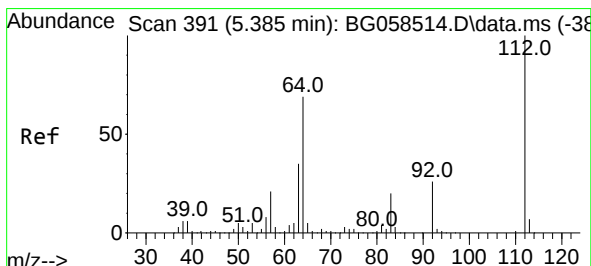
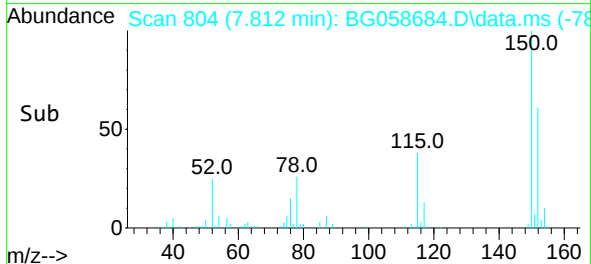
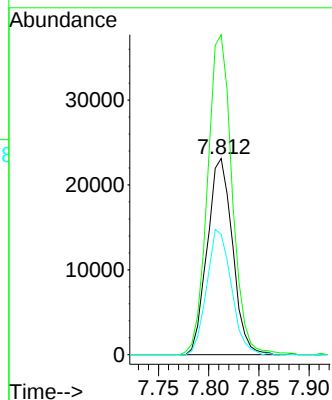
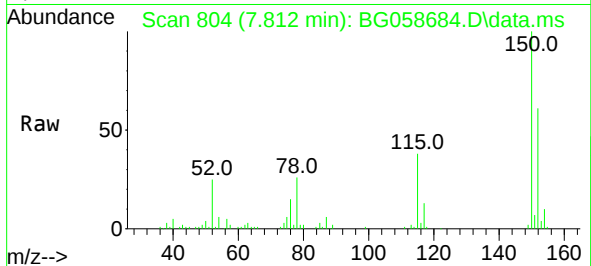




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

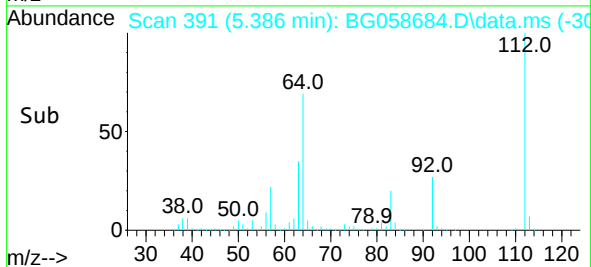
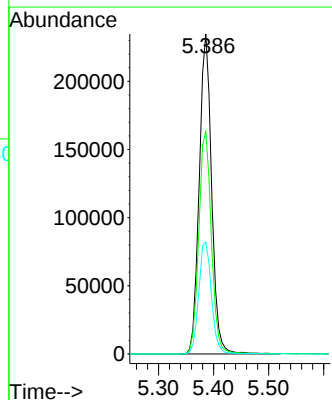
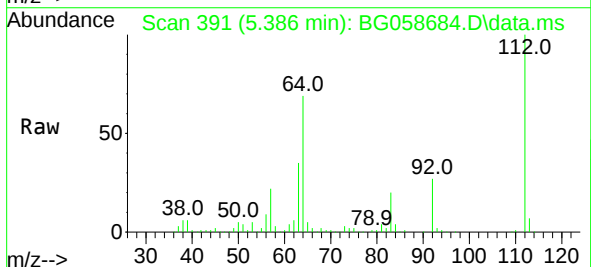
Instrument :
BNA_G
ClientSampleId :
WC-15

Tgt Ion:152 Resp: 40462
Ion Ratio Lower Upper
152 100
150 163.1 120.5 180.7
115 61.3 45.9 68.9



#5
2-Fluorophenol
Concen: 138.971 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion:112 Resp: 367889
Ion Ratio Lower Upper
112 100
64 69.5 55.3 82.9
63 34.9 28.3 42.5

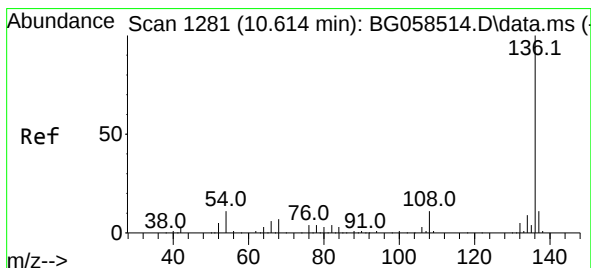
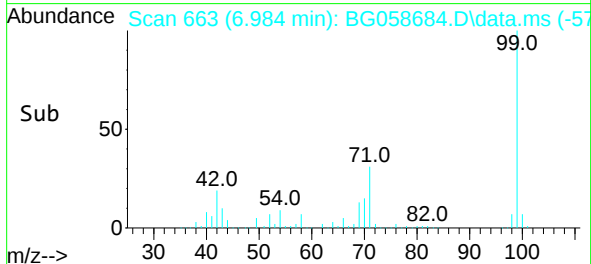
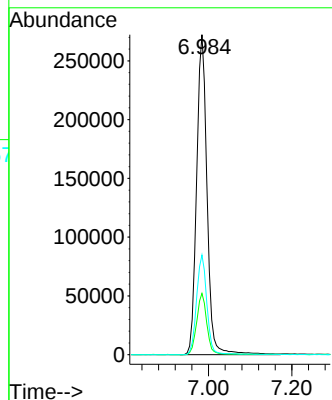
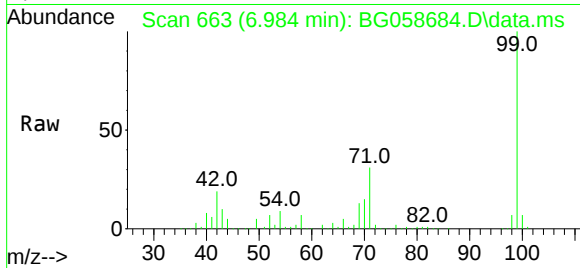




#7
Phenol-d6
Concen: 129.066 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

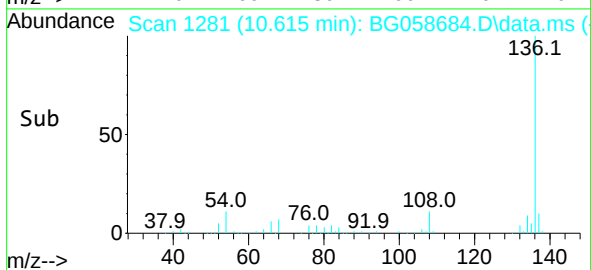
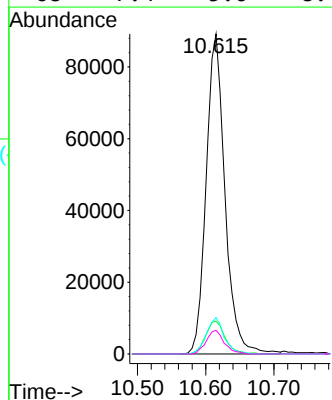
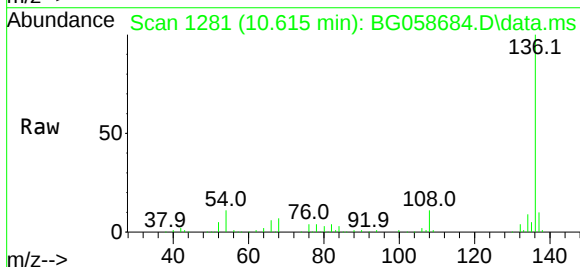
Instrument :
BNA_G
ClientSampleId :
WC-15

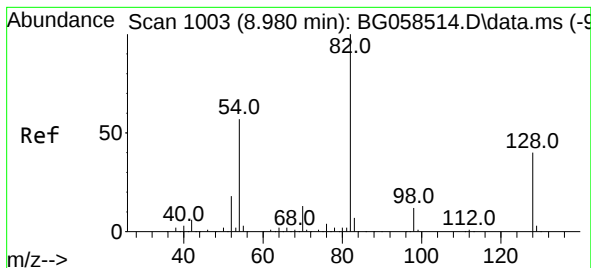
Tgt Ion: 99 Resp: 475428
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 31.2 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion: 136 Resp: 171290
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 11.4 8.9 13.3
68 7.4 5.6 8.4





#23

Nitrobenzene-d5

Concen: 94.765 ng

RT: 8.976 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG058684.D

Acq: 10 Aug 2023 18:26

Instrument :

BNA_G

ClientSampleId :

WC-15

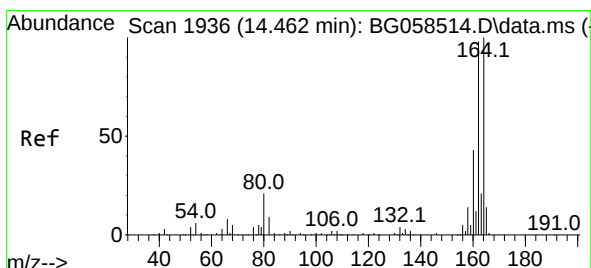
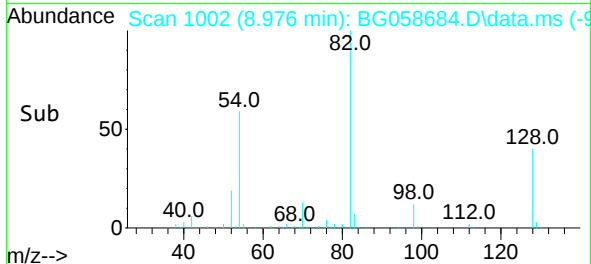
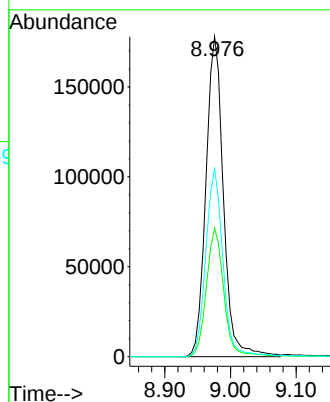
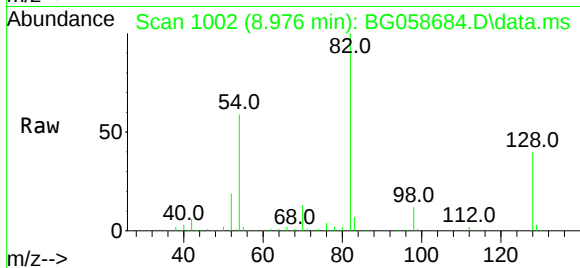
Tgt Ion: 82 Resp: 330425

Ion Ratio Lower Upper

82 100

128 40.1 32.2 48.2

54 58.7 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG058684.D

Acq: 10 Aug 2023 18:26

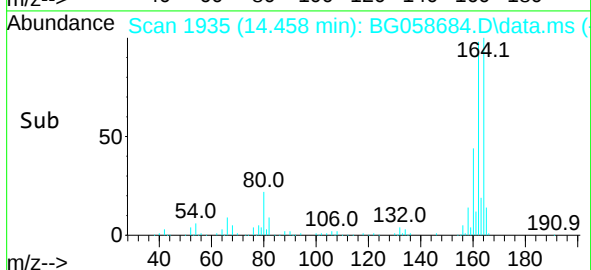
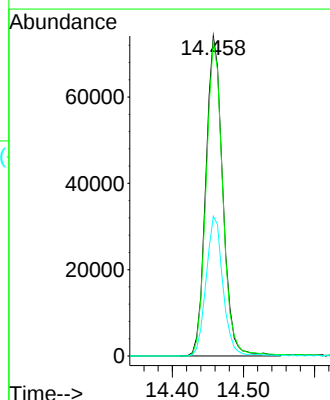
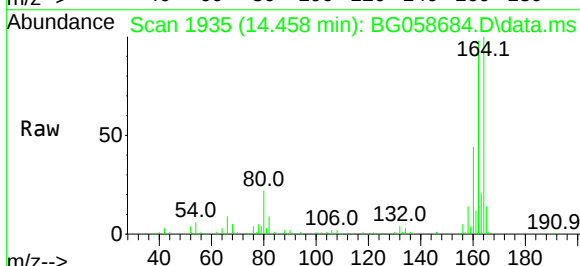
Tgt Ion:164 Resp: 122716

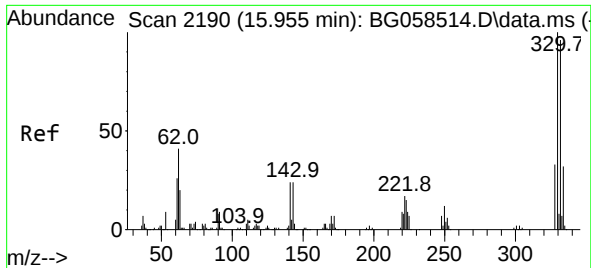
Ion Ratio Lower Upper

164 100

162 98.3 78.3 117.5

160 43.7 34.1 51.1

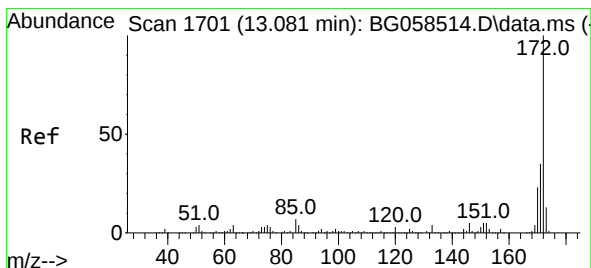
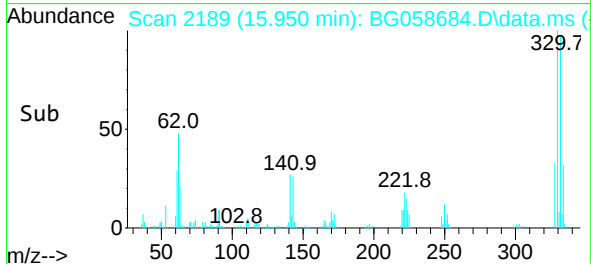
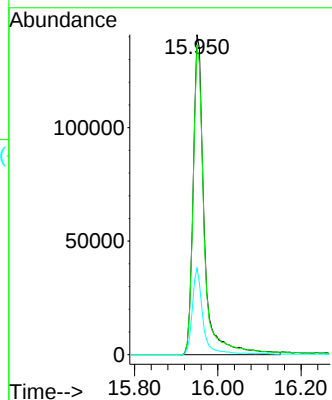
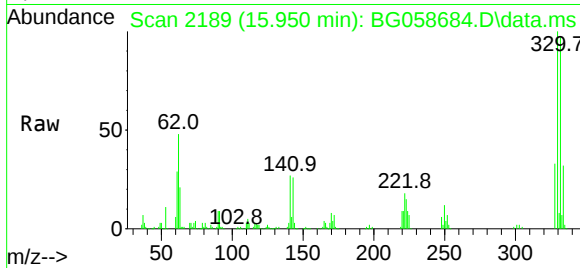




#42
 2,4,6-Tribromophenol
 Concen: 130.673 ng
 RT: 15.950 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058684.D
 Acq: 10 Aug 2023 18:26

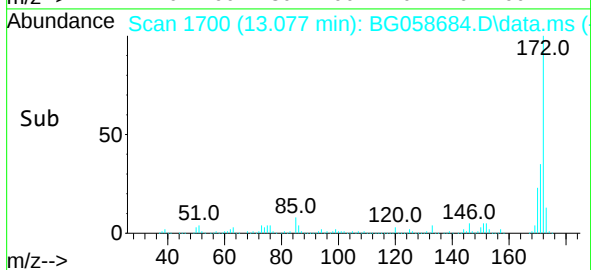
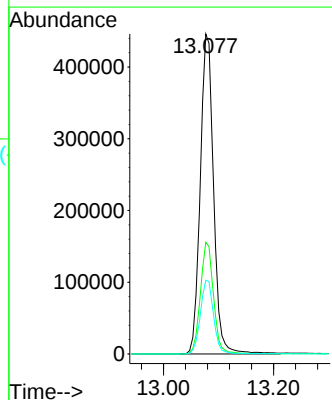
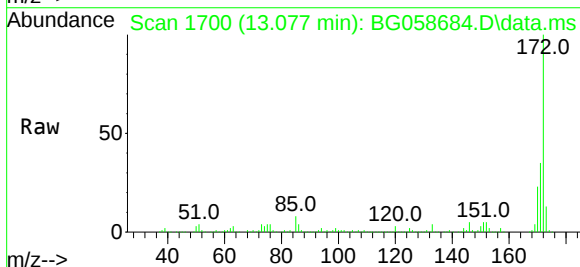
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Tgt Ion:330 Resp: 262835
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.5 116.3
 141 25.6 20.7 31.1



#45
 2-Fluorobiphenyl
 Concen: 91.800 ng
 RT: 13.077 min Scan# 1700
 Delta R.T. -0.005 min
 Lab File: BG058684.D
 Acq: 10 Aug 2023 18:26

Tgt Ion:172 Resp: 751728
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.0 42.0
 170 23.1 18.4 27.6

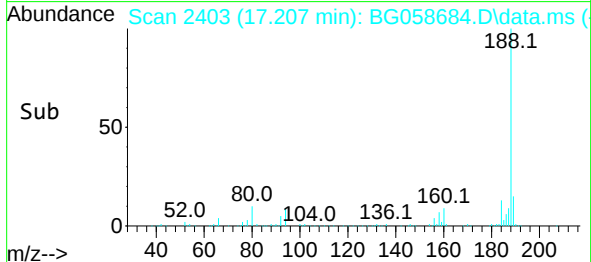
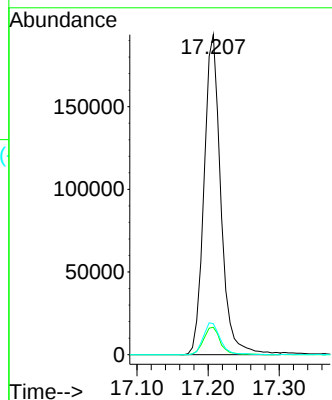
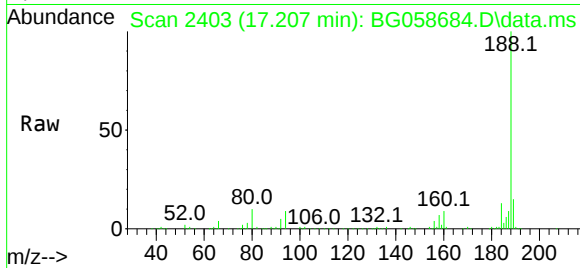




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

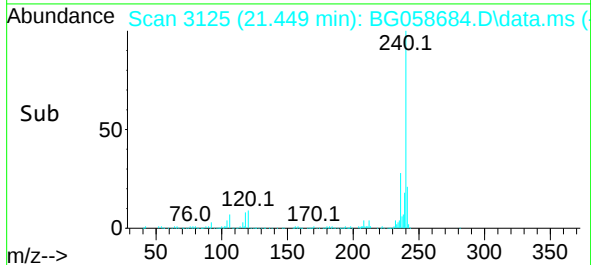
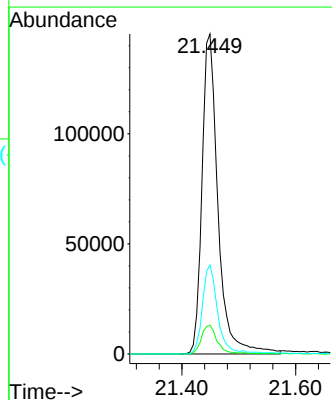
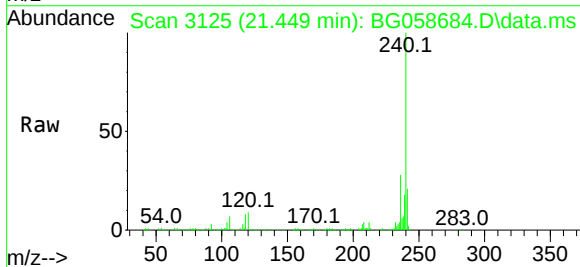
Instrument :
BNA_G
ClientSampleId :
WC-15

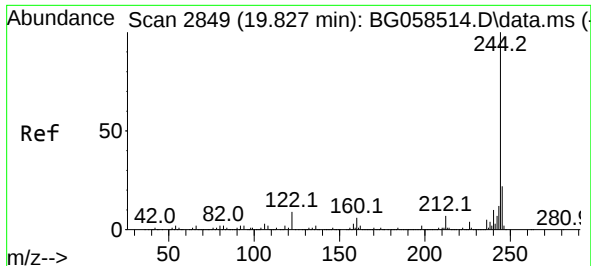
Tgt Ion:188 Resp: 318322
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058684.D
Acq: 10 Aug 2023 18:26

Tgt Ion:240 Resp: 283092
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 27.8 22.2 33.4

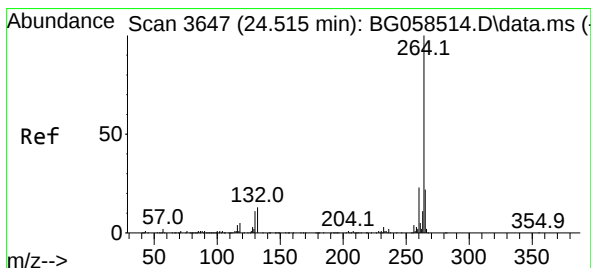
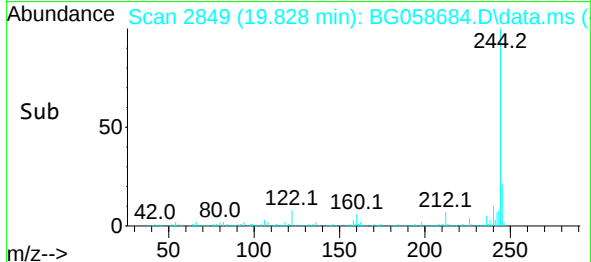
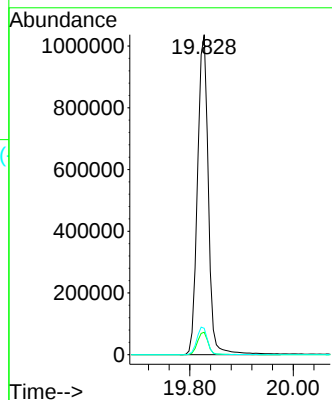
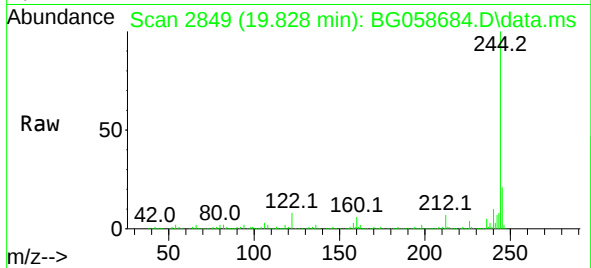




#79
 Terphenyl-d14
 Concen: 100.078 ng
 RT: 19.828 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058684.D
 Acq: 10 Aug 2023 18:26

Instrument :
 BNA_G
 ClientSampleId :
 WC-15

Tgt Ion:244 Resp: 1506554
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.007 min
 Lab File: BG058684.D
 Acq: 10 Aug 2023 18:26

Tgt Ion:264 Resp: 310639
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 23.4 17.9 26.9

