

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058686.D
 Acq On : 10 Aug 2023 19:49
 Operator : MA/JU
 Sample : 03954-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-17

Quant Time: Aug 11 01:57:29 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	7.813	152	35719	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	147968	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	105211	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	287137	20.000	ng	0.00
76) Chrysene-d12	21.450	240	263877	20.000	ng	0.00
86) Perylene-d12	24.522	264	285177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	320181	137.009	ng	0.00
7) Phenol-d6	6.984	99	411371	126.506	ng	0.00
23) Nitrobenzene-d5	8.976	82	307940	102.236	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	252407	146.367	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	696302	99.179	ng	0.00
79) Terphenyl-d14	19.828	244	1478288	105.351	ng	0.00

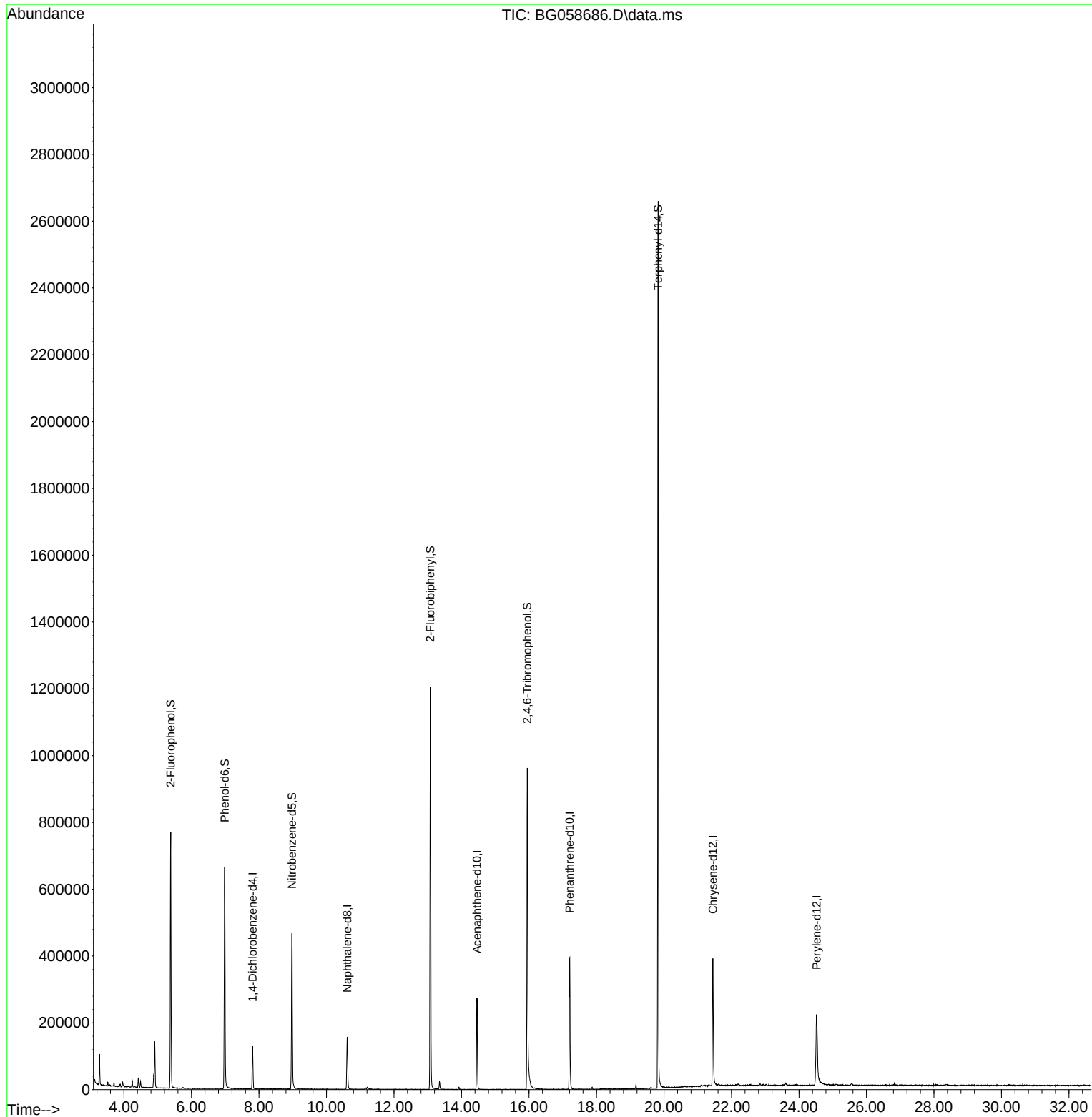
Target Compounds	Qvalue

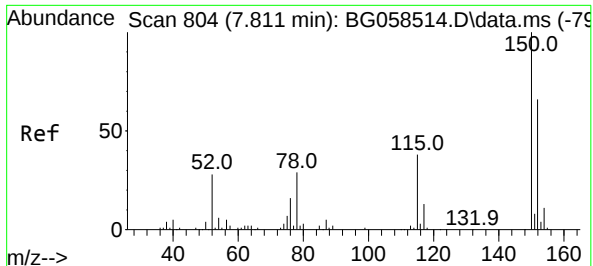
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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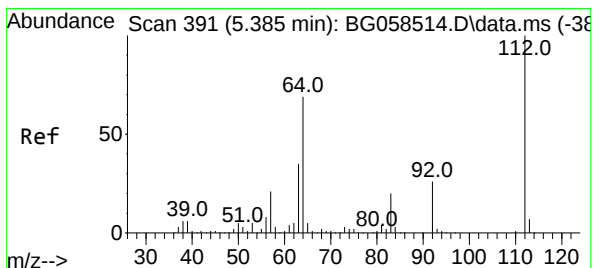
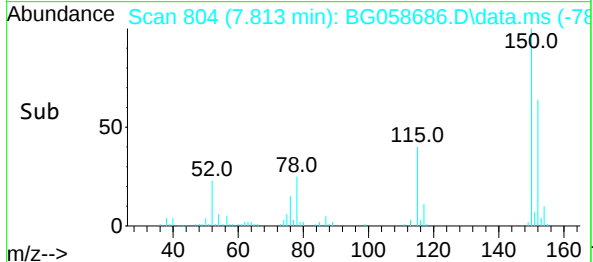
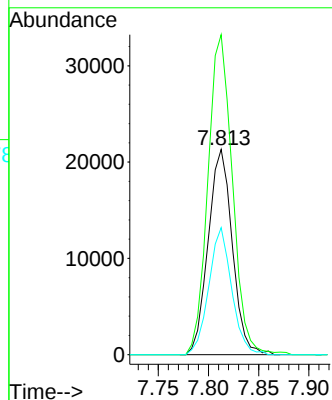
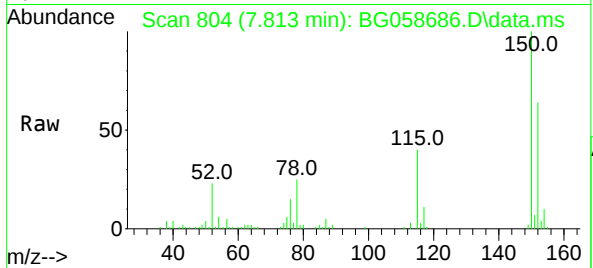




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058686.D
Acq: 10 Aug 2023 19:49

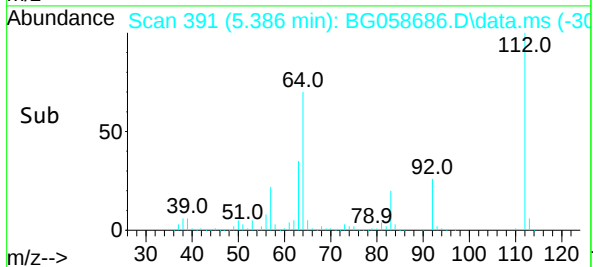
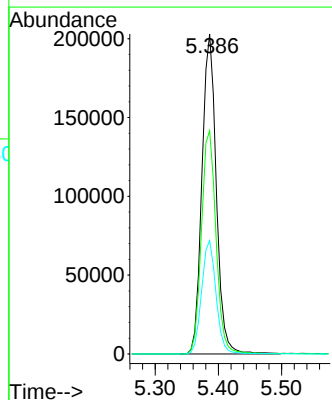
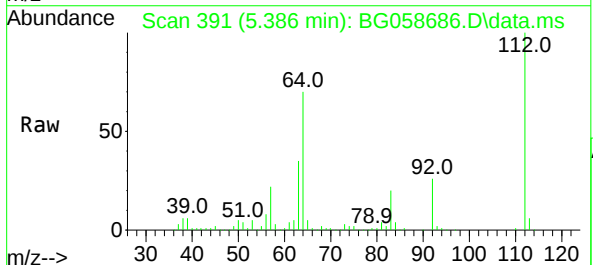
Instrument :
BNA_G
ClientSampleId :
WC-17

Tgt Ion:152 Resp: 35719
Ion Ratio Lower Upper
152 100
150 155.9 120.5 180.7
115 61.9 45.9 68.9



#5
2-Fluorophenol
Concen: 137.009 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058686.D
Acq: 10 Aug 2023 19:49

Tgt Ion:112 Resp: 320181
Ion Ratio Lower Upper
112 100
64 69.7 55.3 82.9
63 35.4 28.3 42.5

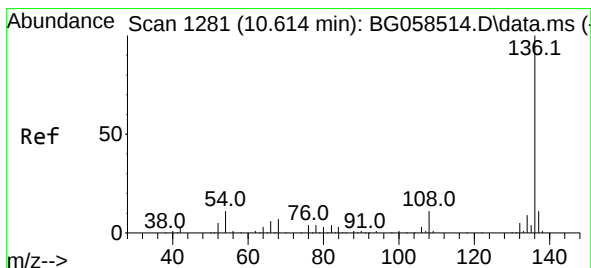
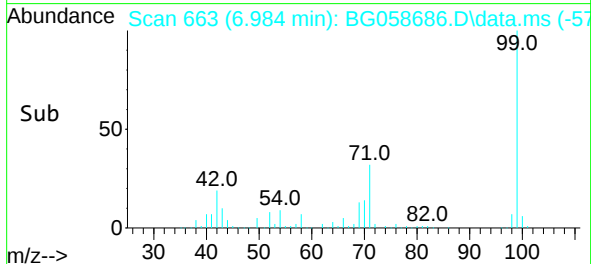
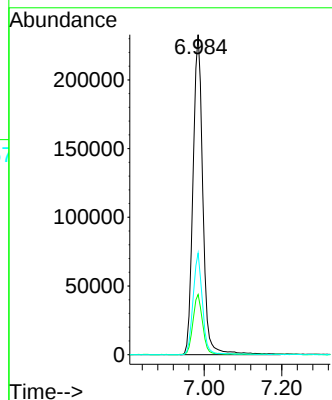
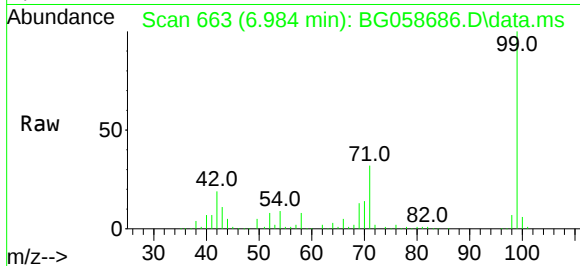




#7
Phenol-d6
Concen: 126.506 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058686.D
Acq: 10 Aug 2023 19:49

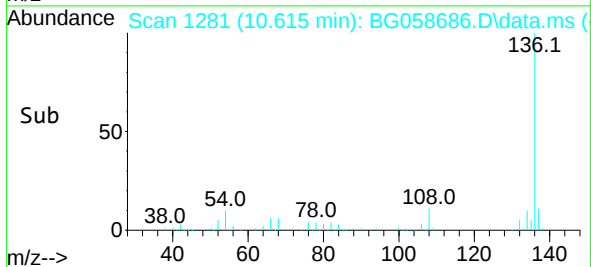
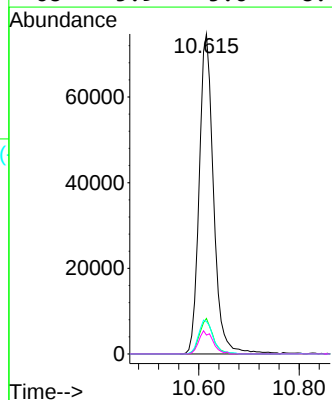
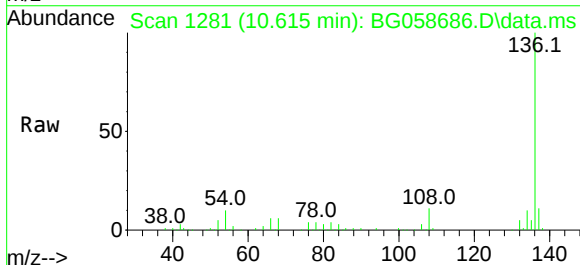
Instrument :
BNA_G
ClientSampleId :
WC-17

Tgt Ion: 99 Resp: 411371
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 31.7 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: BG058686.D
Acq: 10 Aug 2023 19:49

Tgt Ion: 136 Resp: 147968
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.1 8.9 13.3
68 5.9 5.6 8.4

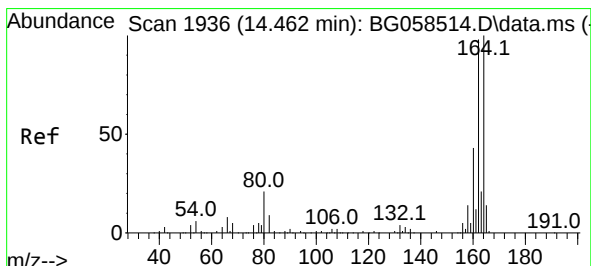
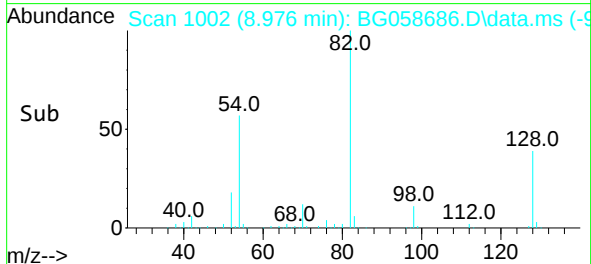
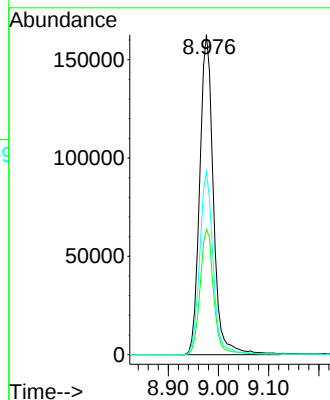
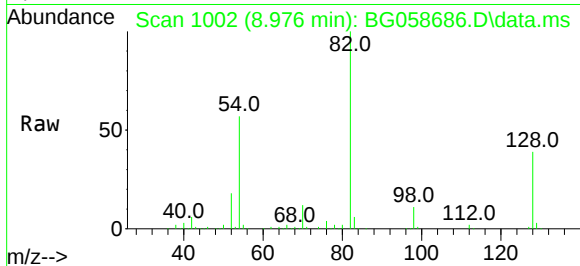




#23
Nitrobenzene-d5
Concen: 102.236 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG058686.D
Acq: 10 Aug 2023 19:49

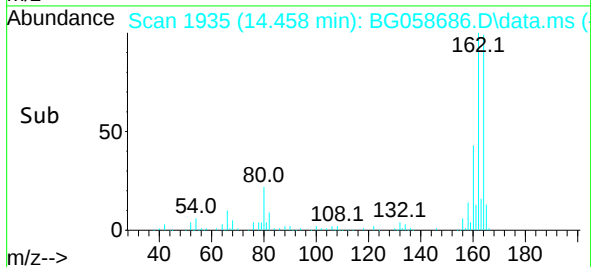
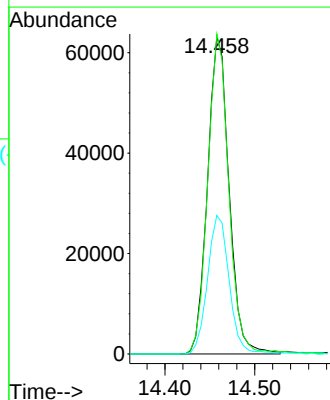
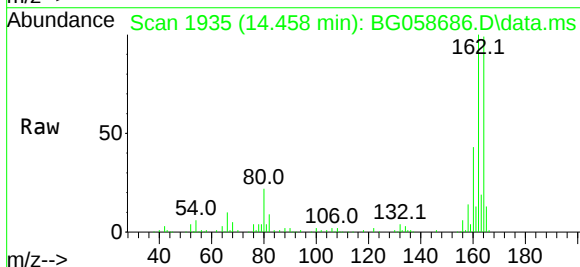
Instrument :
BNA_G
ClientSampleId :
WC-17

Tgt Ion: 82 Resp: 307940
Ion Ratio Lower Upper
82 100
128 39.1 32.2 48.2
54 57.2 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG058686.D
Acq: 10 Aug 2023 19:49

Tgt Ion: 164 Resp: 105211
Ion Ratio Lower Upper
164 100
162 100.8 78.3 117.5
160 43.6 34.1 51.1

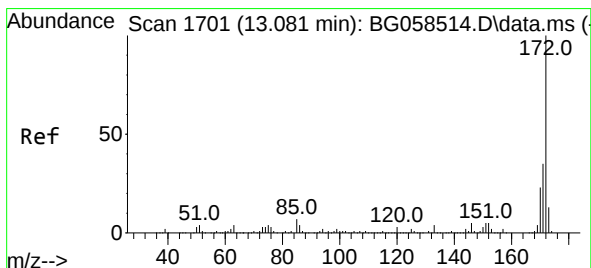
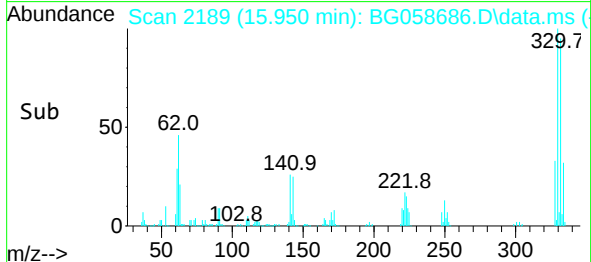
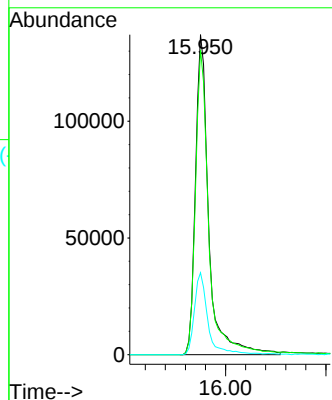
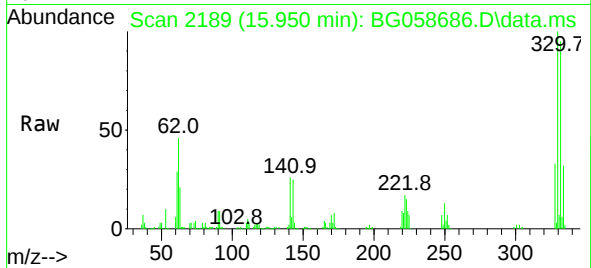




#42
 2,4,6-Tribromophenol
 Concen: 146.367 ng
 RT: 15.950 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG058686.D
 Acq: 10 Aug 2023 19:49

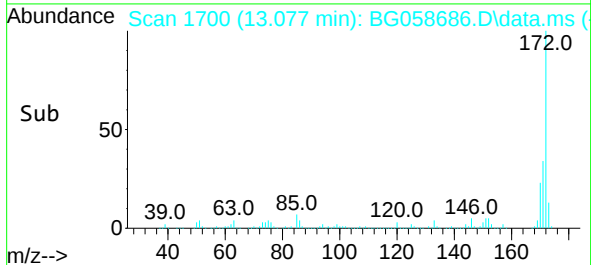
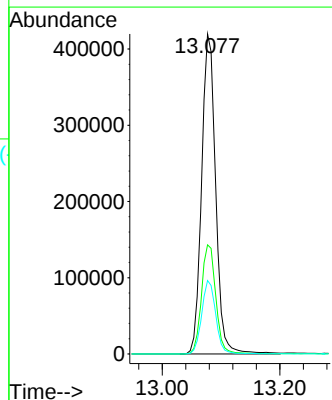
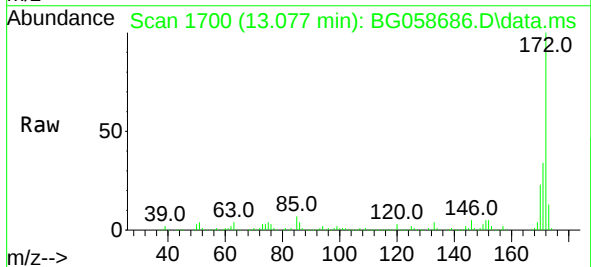
Instrument :
 BNA_G
 ClientSampleId :
 WC-17

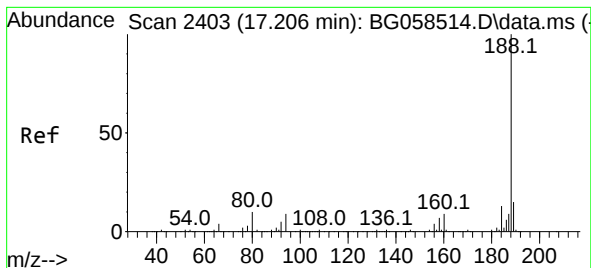
Tgt Ion:330 Resp: 252407
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.5 116.3
 141 25.6 20.7 31.1



#45
 2-Fluorobiphenyl
 Concen: 99.179 ng
 RT: 13.077 min Scan# 1700
 Delta R.T. -0.004 min
 Lab File: BG058686.D
 Acq: 10 Aug 2023 19:49

Tgt Ion:172 Resp: 696302
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.0 42.0
 170 22.9 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.208 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058686.D

Acq: 10 Aug 2023 19:49

Instrument :

BNA_G

ClientSampleId :

WC-17

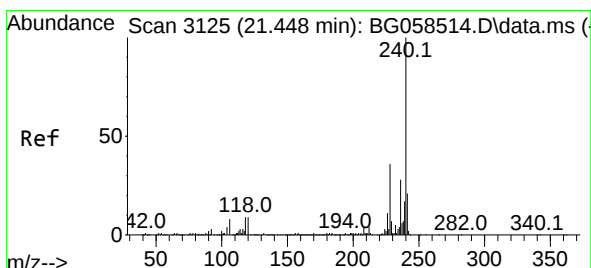
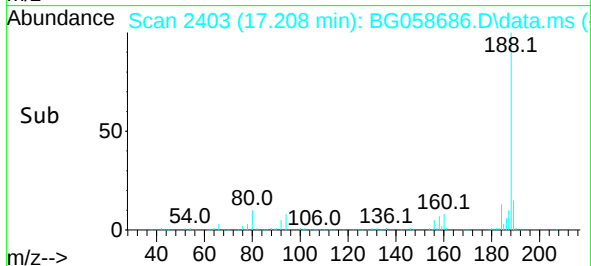
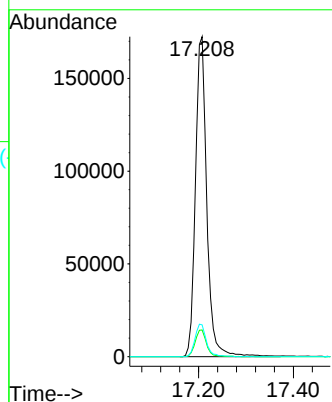
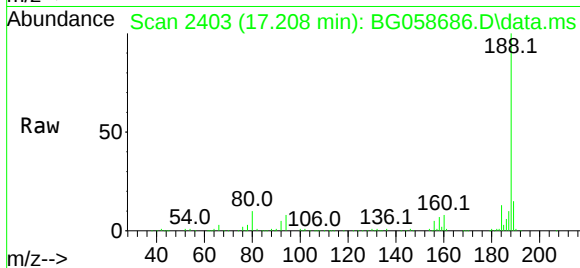
Tgt Ion:188 Resp: 287137

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 10.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3125

Delta R.T. 0.001 min

Lab File: BG058686.D

Acq: 10 Aug 2023 19:49

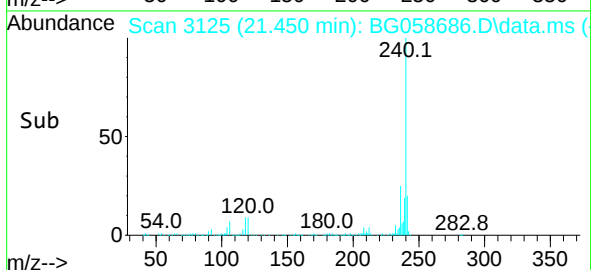
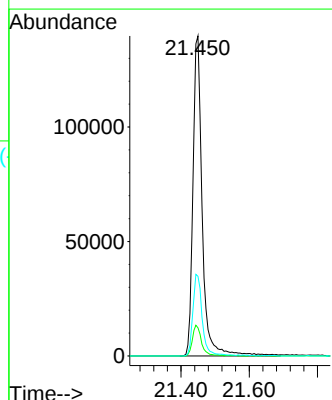
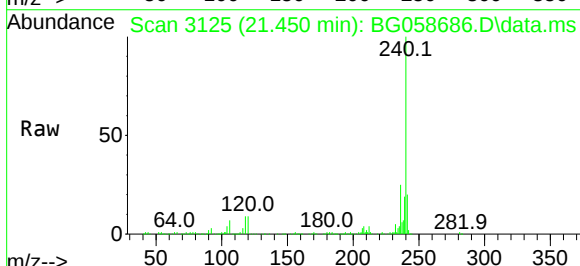
Tgt Ion:240 Resp: 263877

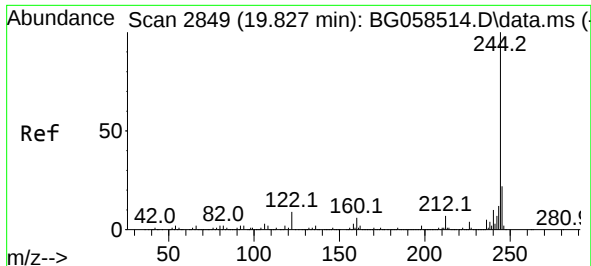
Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

236 24.9 22.2 33.4

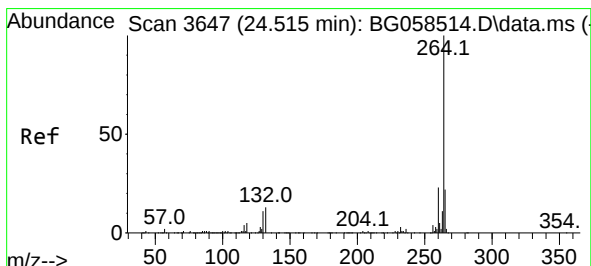
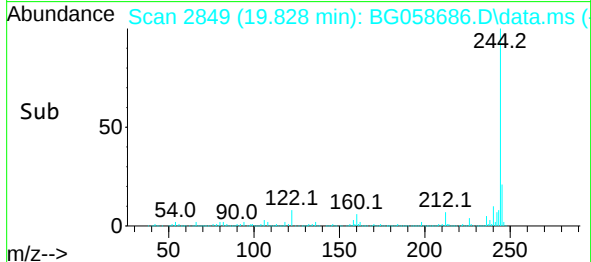
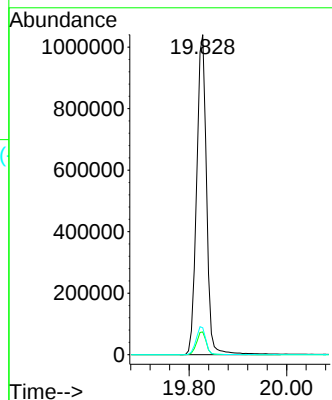
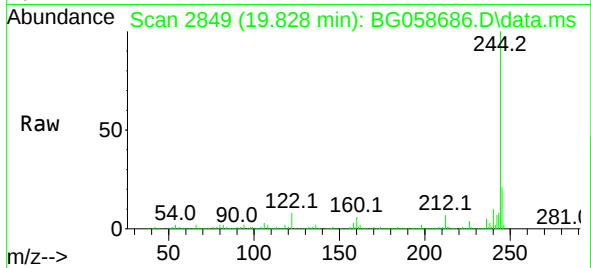




#79
 Terphenyl-d14
 Concen: 105.351 ng
 RT: 19.828 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058686.D
 Acq: 10 Aug 2023 19:49

Instrument :
 BNA_G
 ClientSampleId :
 WC-17

Tgt Ion:244 Resp: 1478288
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.4 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: BG058686.D
 Acq: 10 Aug 2023 19:49

Tgt Ion:264 Resp: 285177
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.1 17.9 26.9

