

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058643.D
 Acq On : 8 Aug 2023 15:06
 Operator : MA/JU
 Sample : 03903-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Quant Time: Aug 09 04:10:59 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	34713	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	156914	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	122815	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	326369	20.000	ng	0.00
76) Chrysene-d12	21.448	240	290772	20.000	ng	0.00
86) Perylene-d12	24.521	264	350502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	228797	100.742	ng	0.00
7) Phenol-d6	6.983	99	326918	103.448	ng	0.00
23) Nitrobenzene-d5	8.975	82	189190	59.230	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	179767	89.302	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	472933	57.707	ng	0.00
79) Terphenyl-d14	19.827	244	939305	60.748	ng	0.00

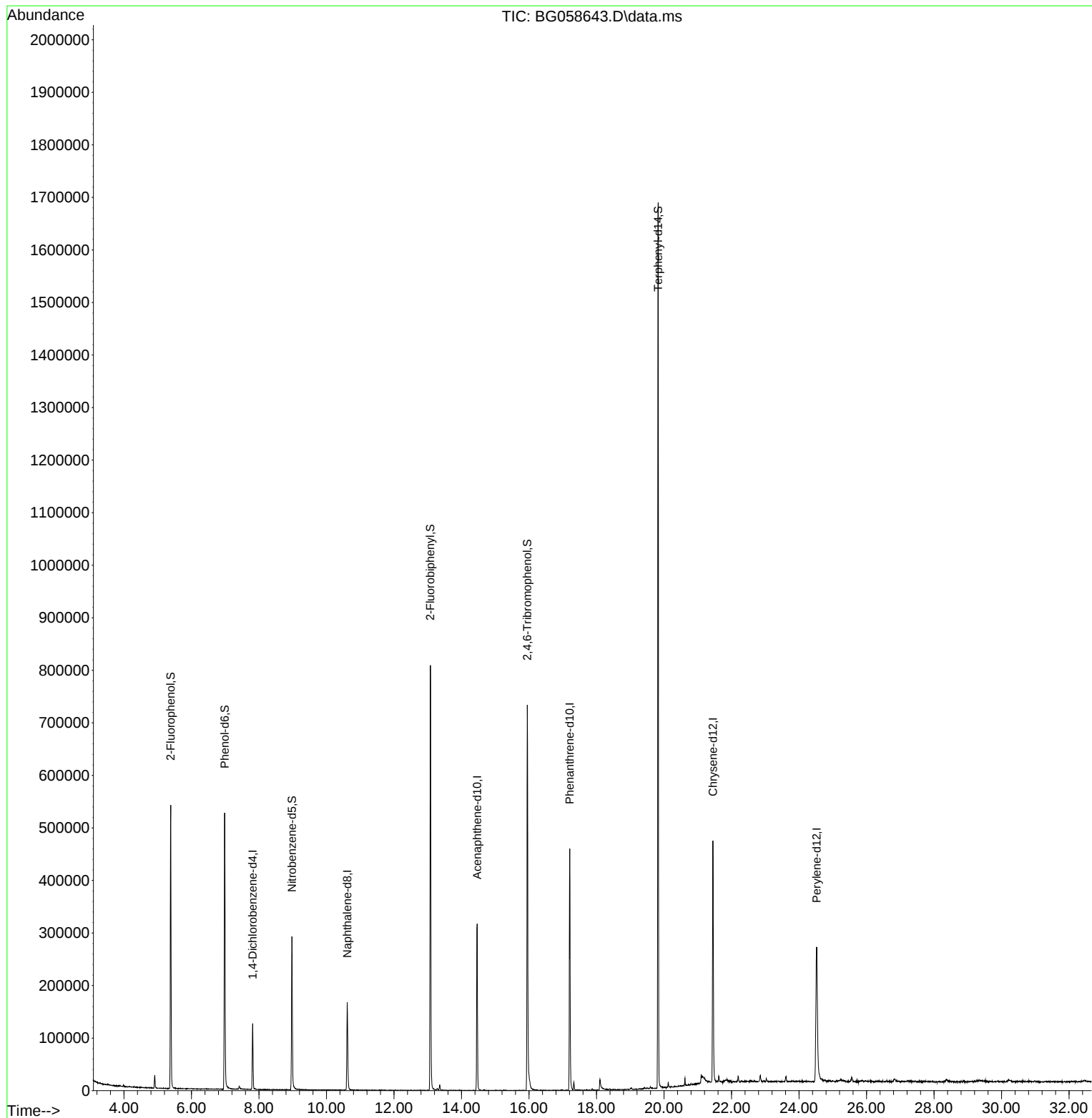
Target Compounds	Qvalue

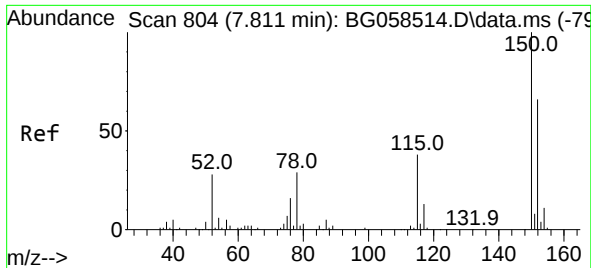
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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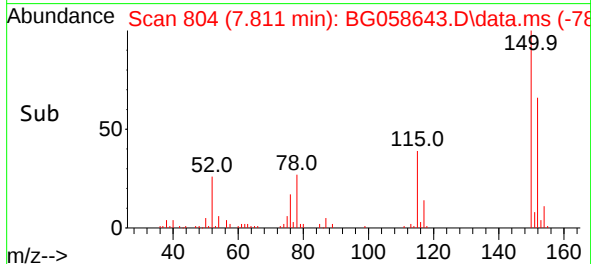
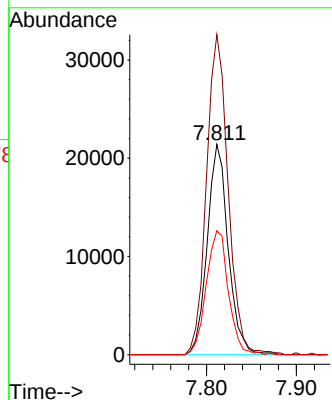
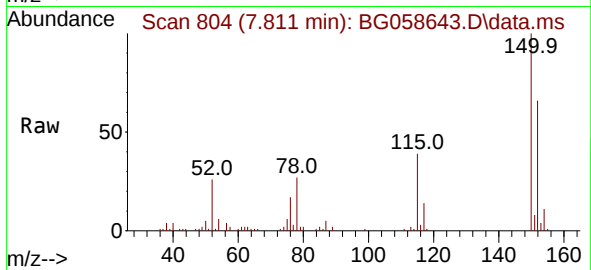




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

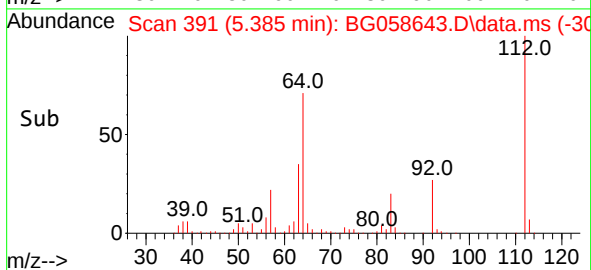
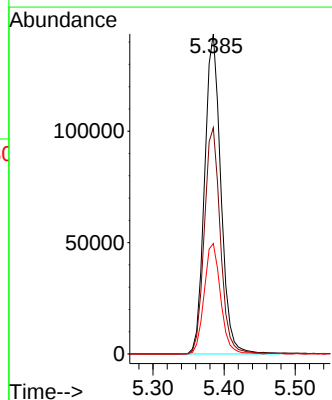
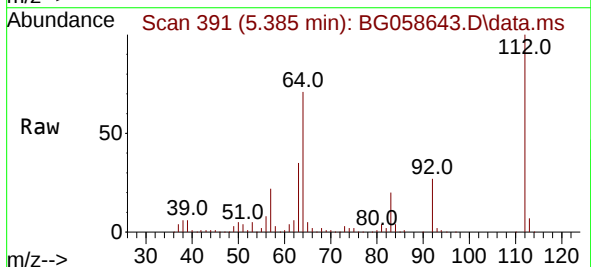
Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:152 Resp: 34713
Ion Ratio Lower Upper
152 100
150 152.3 120.5 180.7
115 59.0 45.9 68.9



#5
2-Fluorophenol
Concen: 100.742 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion:112 Resp: 228797
Ion Ratio Lower Upper
112 100
64 70.7 55.3 82.9
63 34.5 28.3 42.5

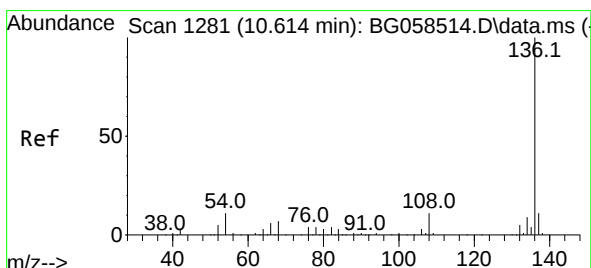
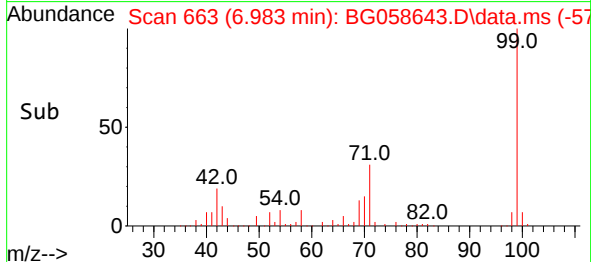
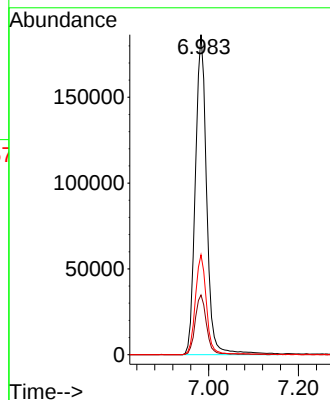
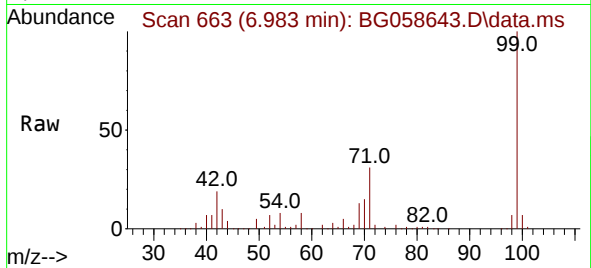




#7
Phenol-d6
Concen: 103.448 ng
RT: 6.983 min Scan# 663
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

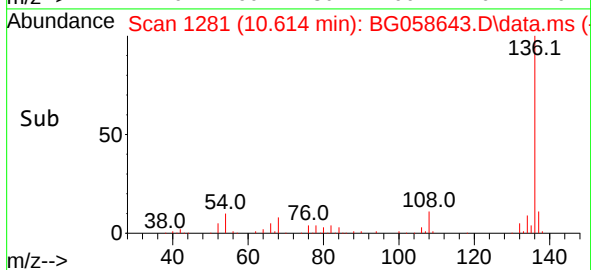
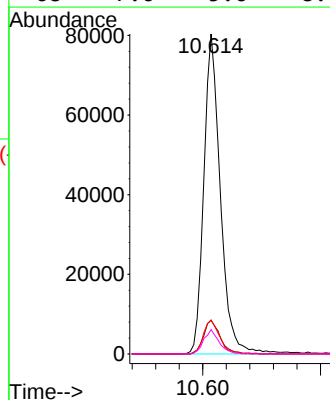
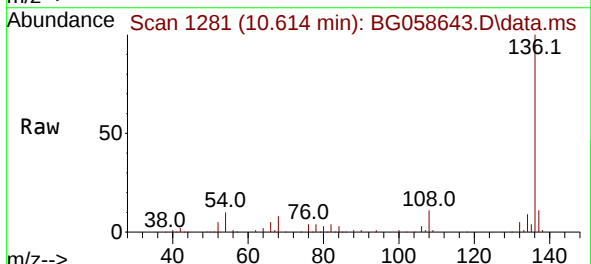
Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion: 99 Resp: 326918
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 31.2 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: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion: 136 Resp: 156914
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.5 8.9 13.3
68 7.6 5.6 8.4

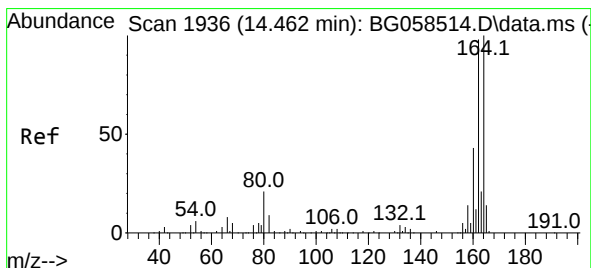
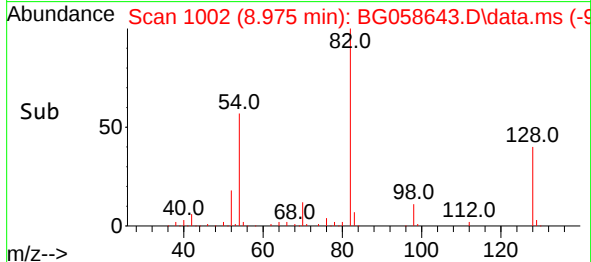
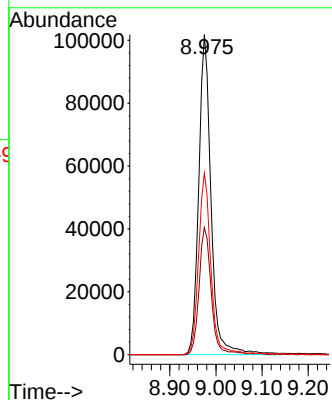
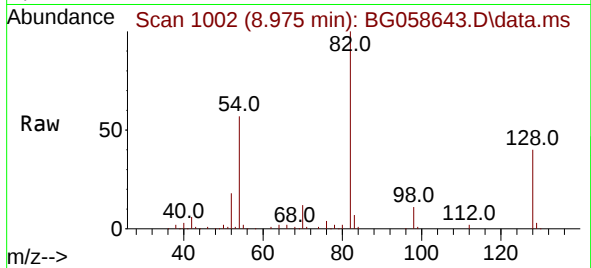




#23
Nitrobenzene-d5
Concen: 59.230 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

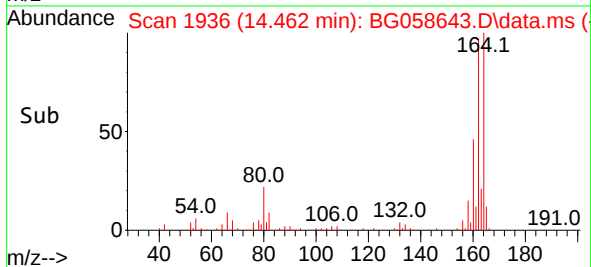
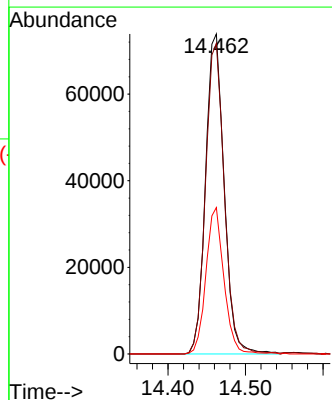
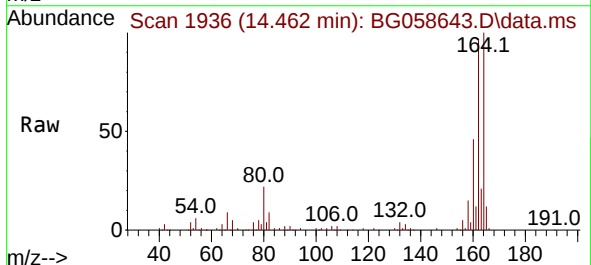
Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion: 82 Resp: 189190
Ion Ratio Lower Upper
82 100
128 39.7 32.2 48.2
54 56.8 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion:164 Resp: 122815
Ion Ratio Lower Upper
164 100
162 97.0 78.3 117.5
160 45.7 34.1 51.1

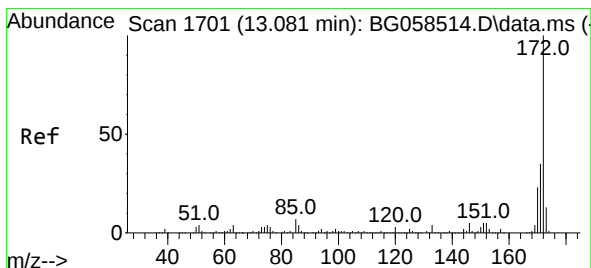
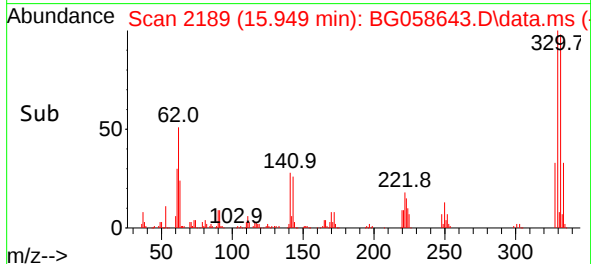
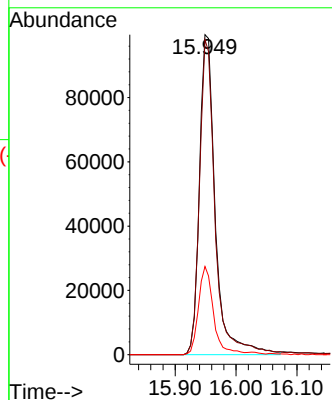
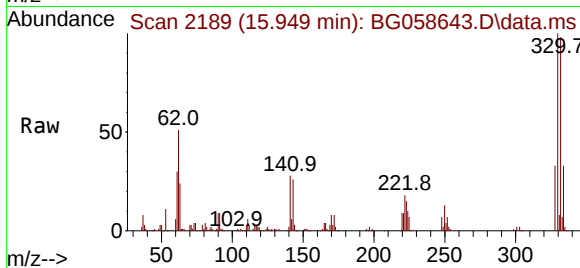




#42
2,4,6-Tribromophenol
Concen: 89.302 ng
RT: 15.949 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

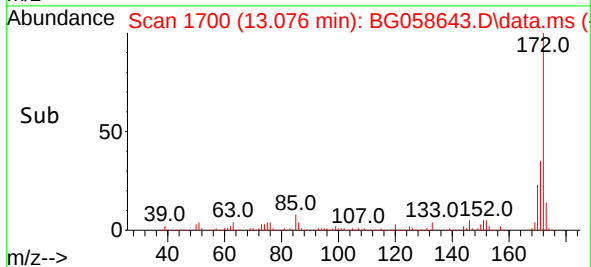
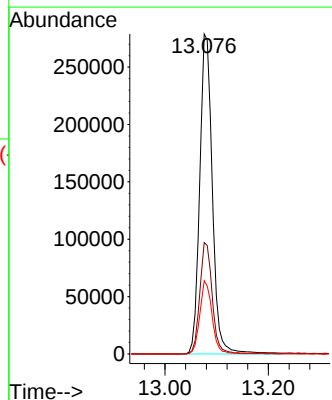
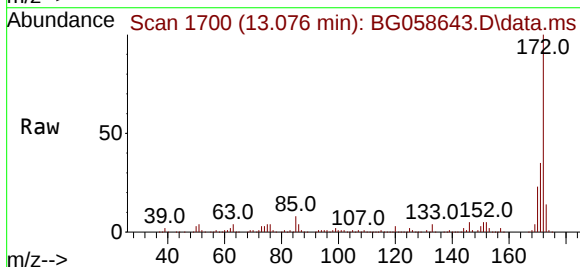
Instrument :
BNA_G
ClientSampleId :
MW-06

Tgt Ion:330 Resp: 179767
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 26.0 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 57.707 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion:172 Resp: 472933
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.9 18.4 27.6

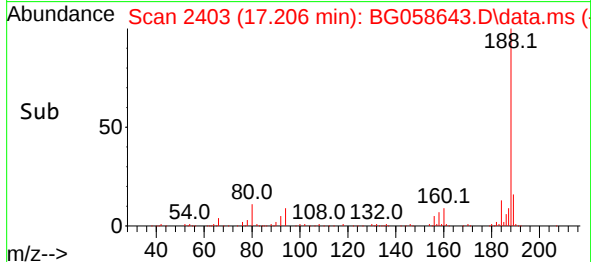
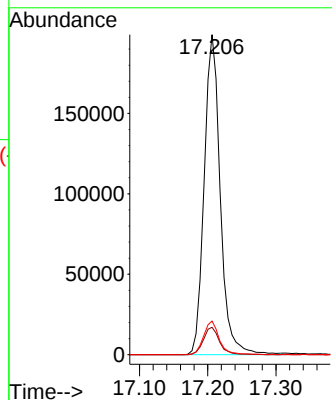
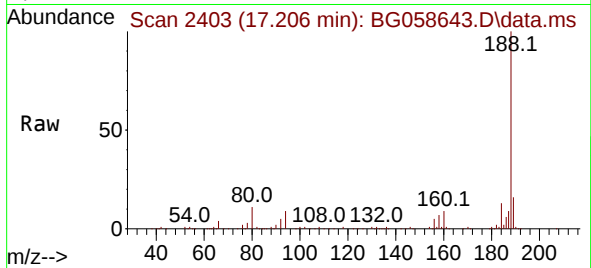




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

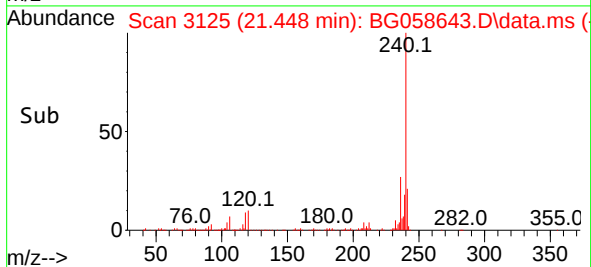
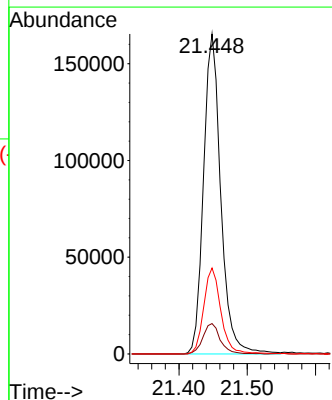
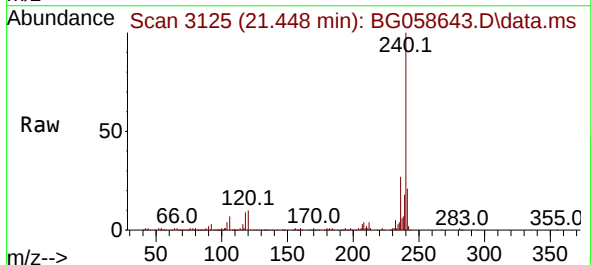
Instrument :
BNA_G
ClientSampleId :
MW-06

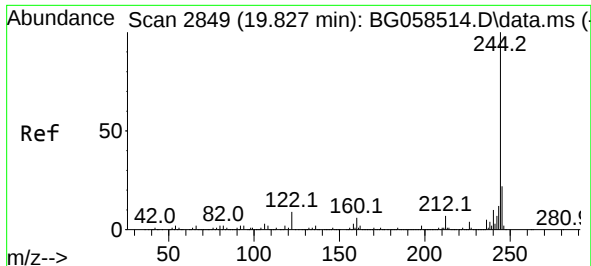
Tgt Ion:188 Resp: 326369
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 10.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058643.D
Acq: 8 Aug 2023 15:06

Tgt Ion:240 Resp: 290772
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.9 22.2 33.4

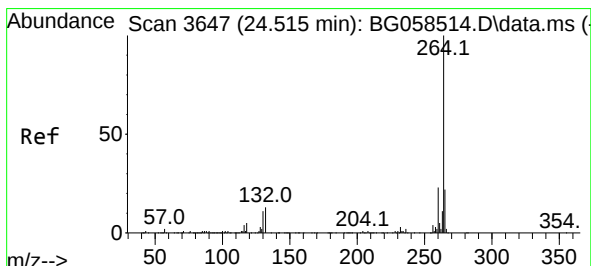
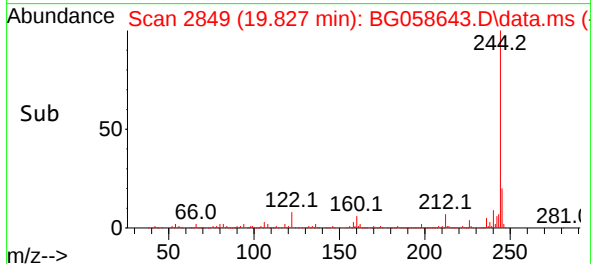
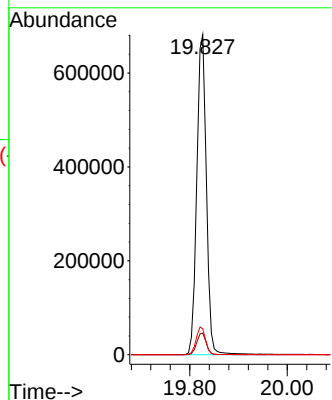
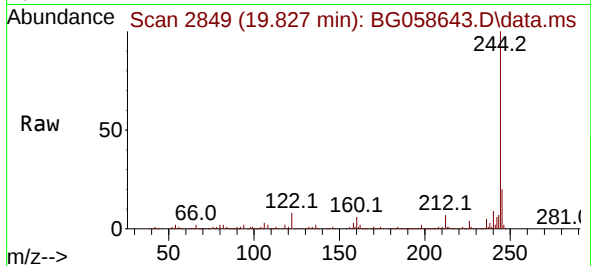




#79
 Terphenyl-d14
 Concen: 60.748 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058643.D
 Acq: 8 Aug 2023 15:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Tgt Ion:244 Resp: 939305
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. 0.006 min
 Lab File: BG058643.D
 Acq: 8 Aug 2023 15:06

Tgt Ion:264 Resp: 350502
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.8 17.9 26.9

