

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058704.D
 Acq On : 11 Aug 2023 15:59
 Operator : MA/JU
 Sample : 03955-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Aug 11 16:36:56 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	41979	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	185043	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	129297	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	317000	20.000	ng	0.00
76) Chrysene-d12	21.451	240	279438	20.000	ng	0.00
86) Perylene-d12	24.523	264	308582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	148408	54.035	ng	0.00
7) Phenol-d6	6.985	99	125662	32.881	ng	0.00
23) Nitrobenzene-d5	8.977	82	280661	74.510	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	223734	105.571	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	666308	77.227	ng	0.00
79) Terphenyl-d14	19.823	244	1150145	77.401	ng	0.00

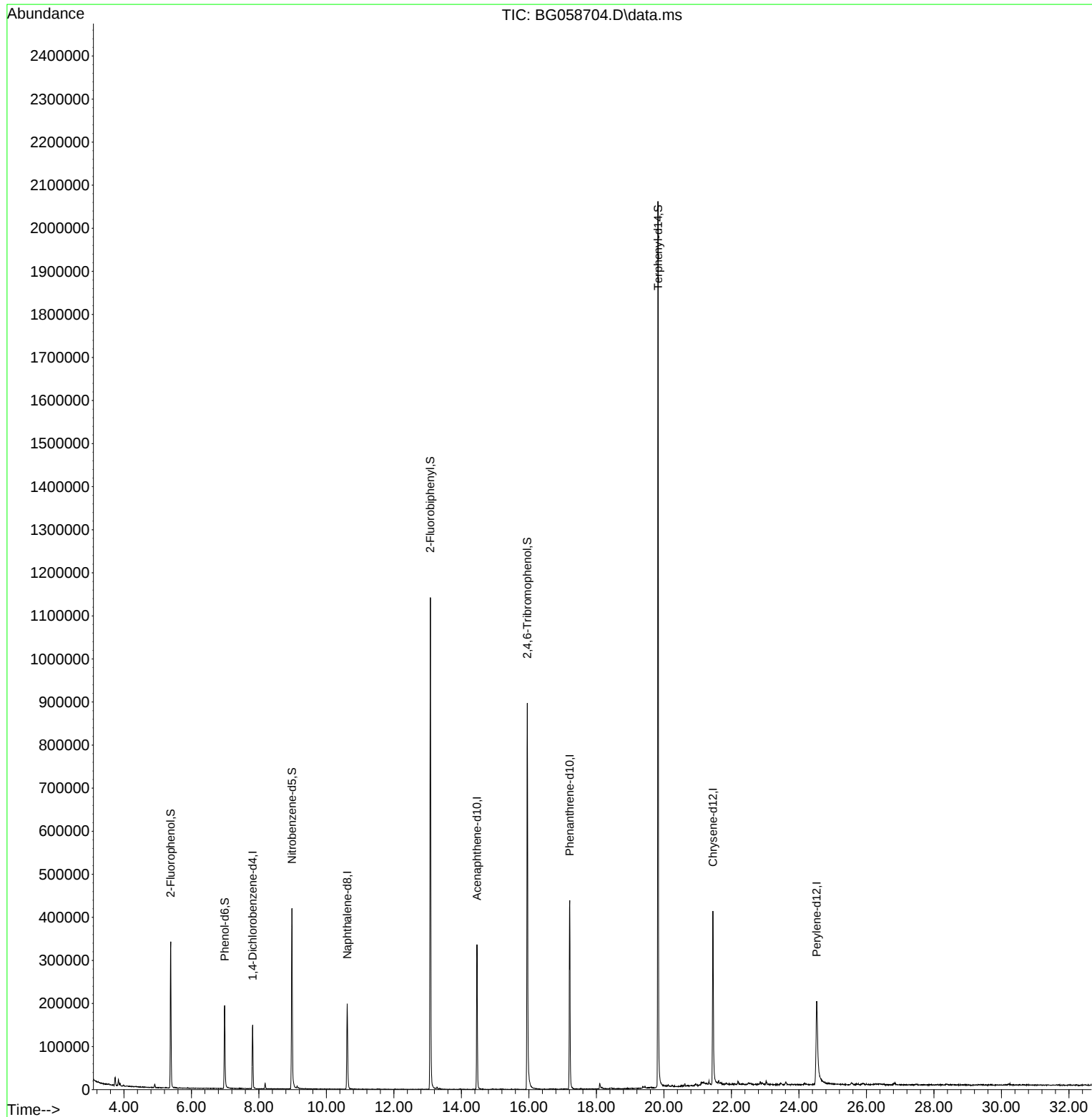
Target Compounds	Qvalue

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

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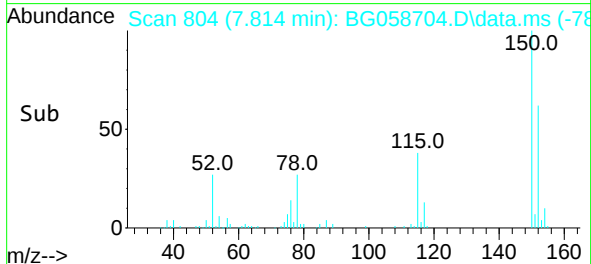
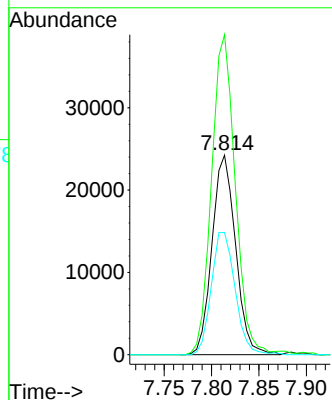
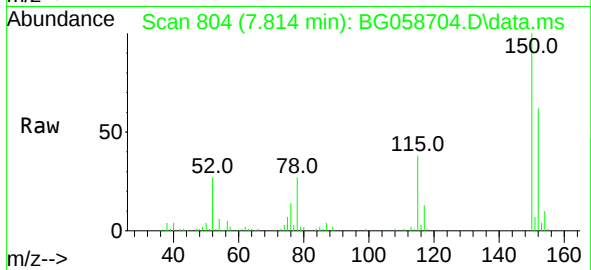




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

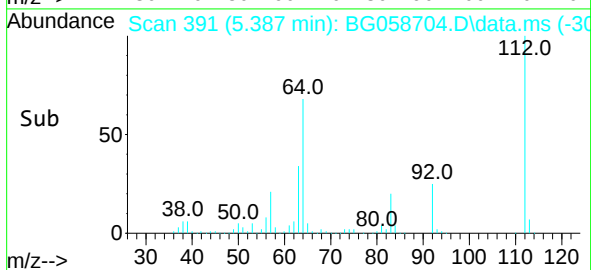
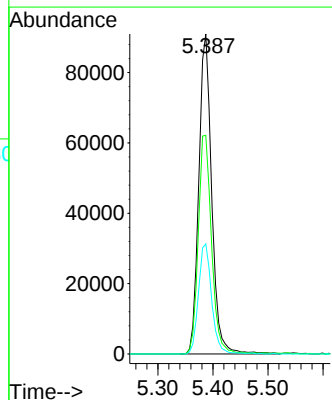
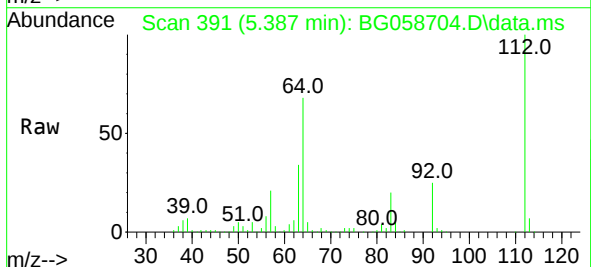
Instrument :
BNA_G
ClientSampleId :
TW-1

Tgt Ion:152 Resp: 41979
Ion Ratio Lower Upper
152 100
150 160.3 120.5 180.7
115 61.2 45.9 68.9



#5
2-Fluorophenol
Concen: 54.035 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

Tgt Ion:112 Resp: 148408
Ion Ratio Lower Upper
112 100
64 68.3 55.3 82.9
63 34.4 28.3 42.5

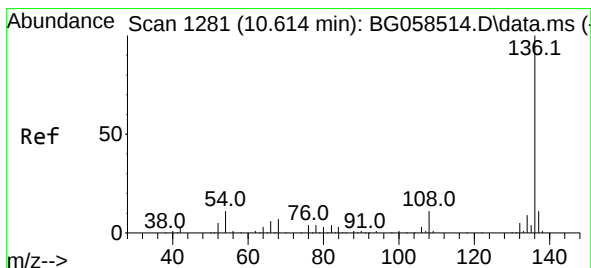
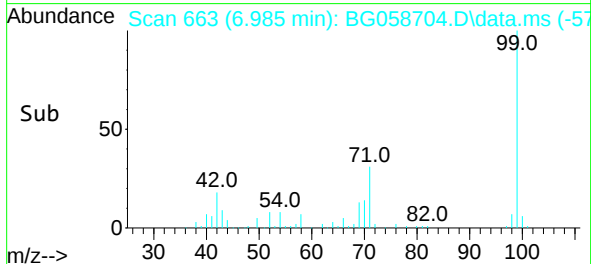
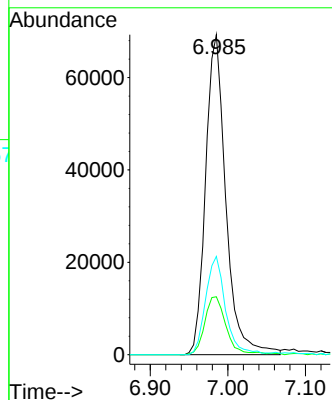
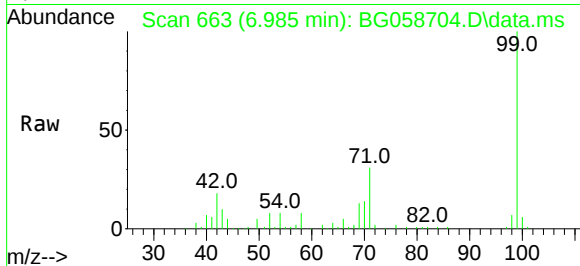




#7
Phenol-d6
Concen: 32.881 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

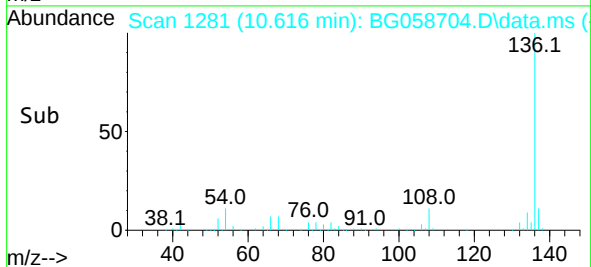
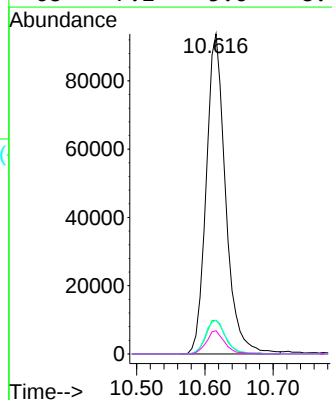
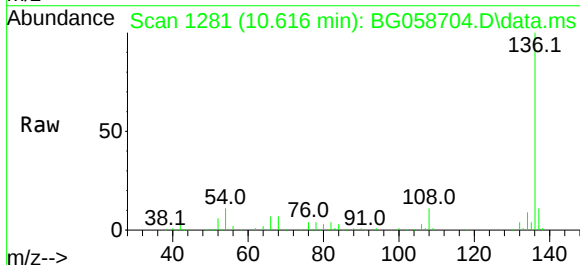
Instrument :
BNA_G
ClientSampleId :
TW-1

Tgt Ion: 99 Resp: 125662
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 30.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1281
Delta R.T. 0.002 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

Tgt Ion: 136 Resp: 185043
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.5 8.9 13.3
68 7.2 5.6 8.4

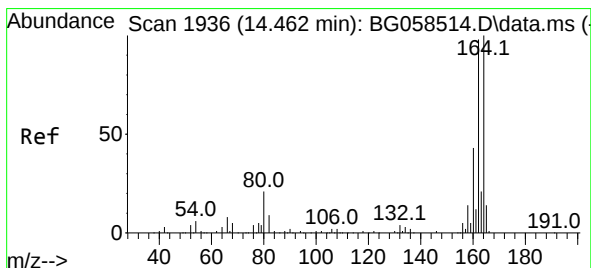
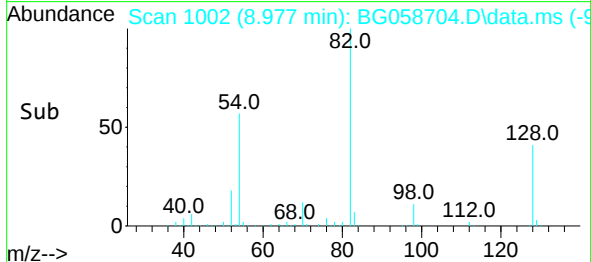
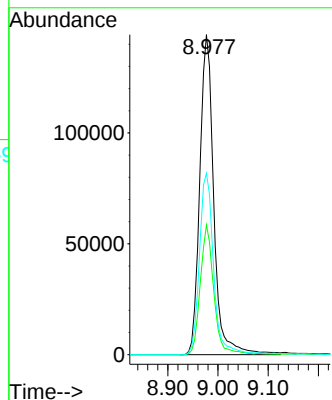
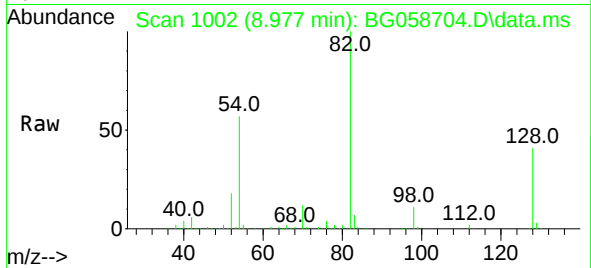




#23
Nitrobenzene-d5
Concen: 74.510 ng
RT: 8.977 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

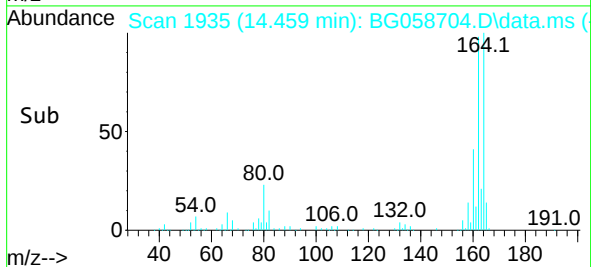
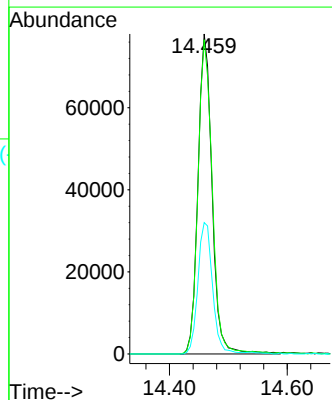
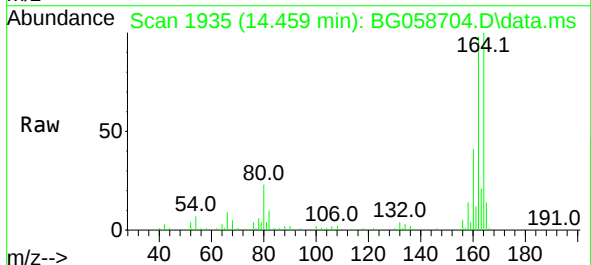
Instrument :
BNA_G
ClientSampleId :
TW-1

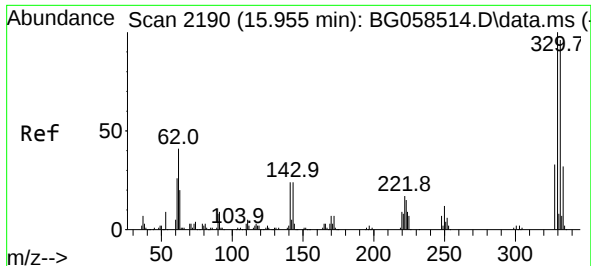
Tgt Ion: 82 Resp: 280661
Ion Ratio Lower Upper
82 100
128 40.5 32.2 48.2
54 56.7 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

Tgt Ion:164 Resp: 129297
Ion Ratio Lower Upper
164 100
162 98.2 78.3 117.5
160 41.1 34.1 51.1

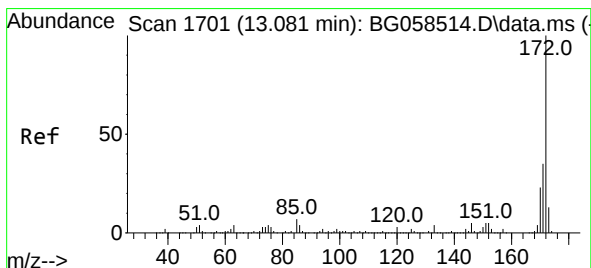
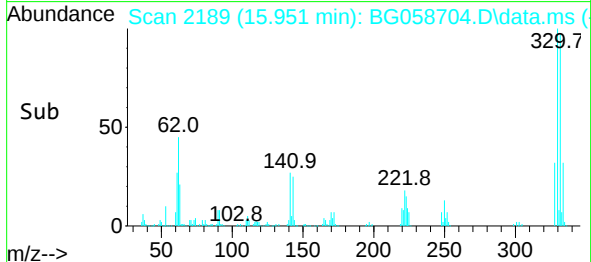
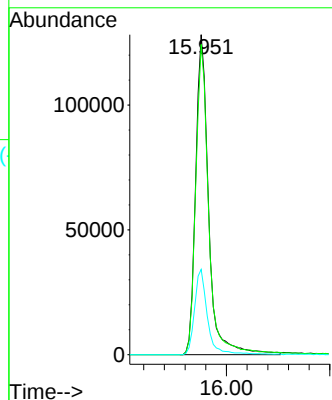
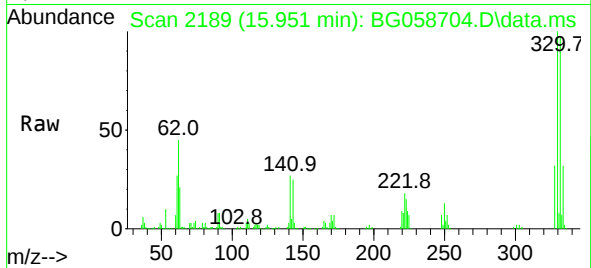




#42
2,4,6-Tribromophenol
Concen: 105.571 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

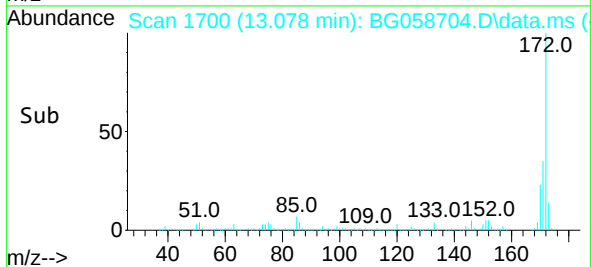
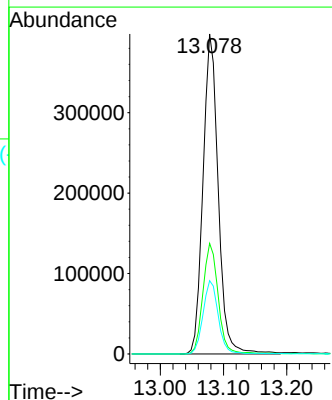
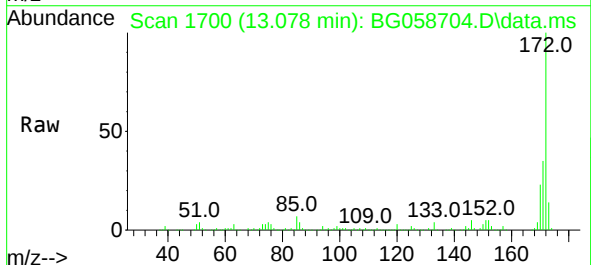
Instrument :
BNA_G
ClientSampleId :
TW-1

Tgt Ion:330 Resp: 223734
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 26.7 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 77.227 ng
RT: 13.078 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

Tgt Ion:172 Resp: 666308
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.9 18.4 27.6

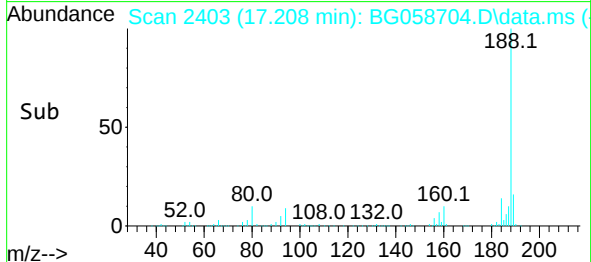
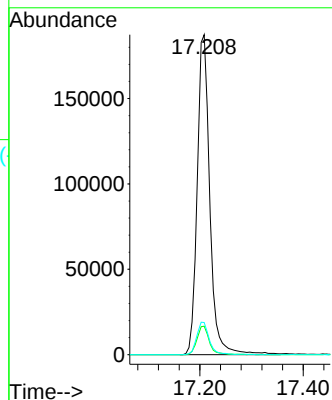
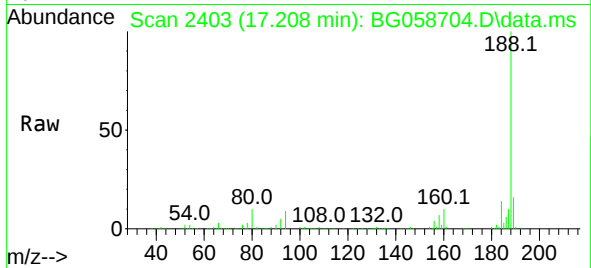




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 2403
Delta R.T. 0.002 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

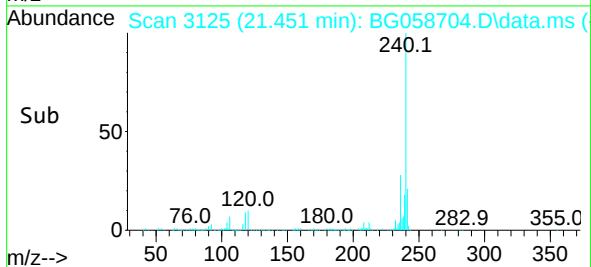
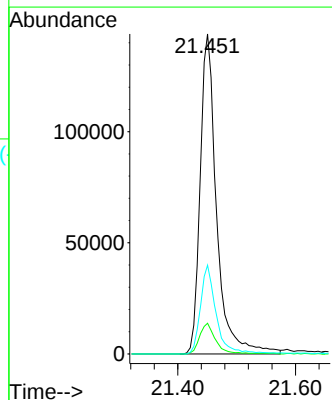
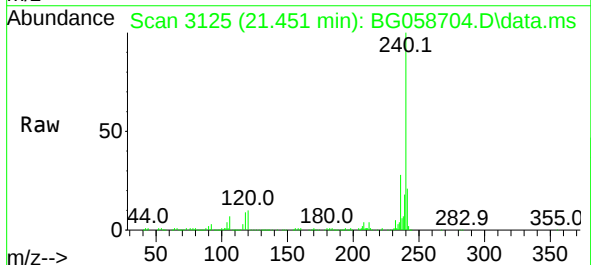
Instrument :
BNA_G
ClientSampleId :
TW-1

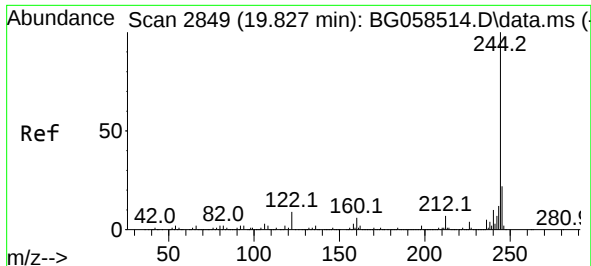
Tgt Ion:188 Resp: 317000
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058704.D
Acq: 11 Aug 2023 15:59

Tgt Ion:240 Resp: 279438
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 27.8 22.2 33.4

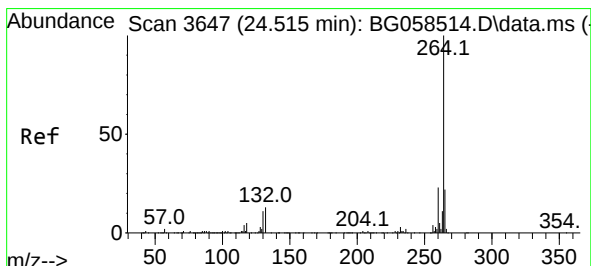
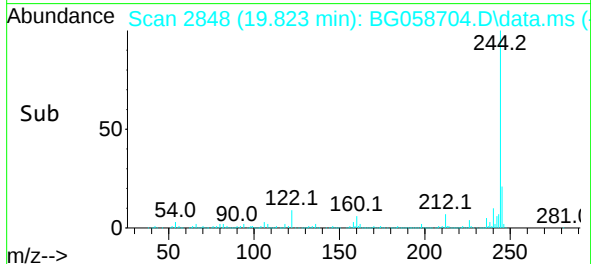
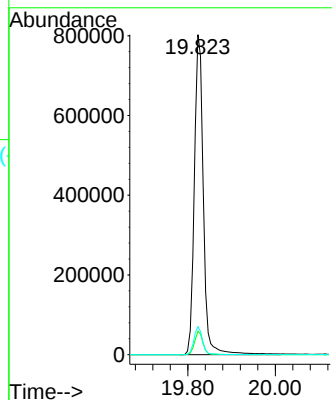
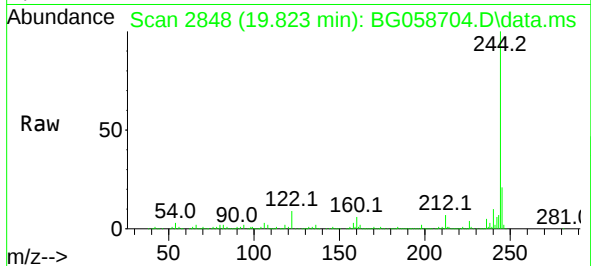




#79
 Terphenyl-d14
 Concen: 77.401 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058704.D
 Acq: 11 Aug 2023 15:59

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Tgt Ion:244 Resp: 1150145
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.7 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.523 min Scan# 3648
 Delta R.T. 0.008 min
 Lab File: BG058704.D
 Acq: 11 Aug 2023 15:59

Tgt Ion:264 Resp: 308582
 Ion Ratio Lower Upper
 264 100
 260 21.3 18.4 27.6
 265 22.1 17.9 26.9

