

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058645.D
 Acq On : 8 Aug 2023 16:28
 Operator : MA/JU
 Sample : 03903-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01W

Quant Time: Aug 09 04:11:44 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)

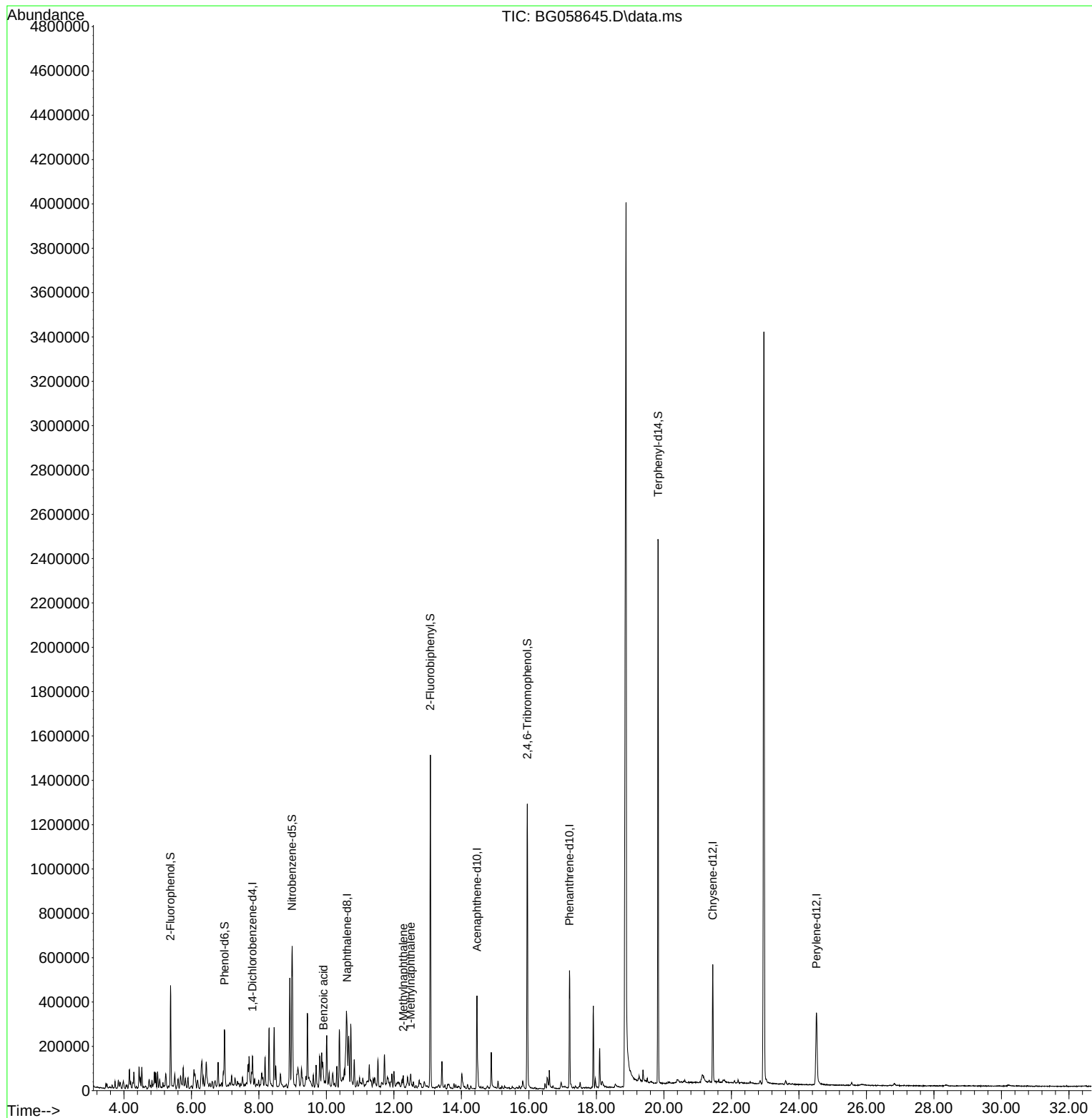
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	37864	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	179624	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	143337	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	342847	20.000	ng	0.00
76) Chrysene-d12	21.445	240	304502	20.000	ng	0.00
86) Perylene-d12	24.518	264	369749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	176265	71.153	ng	0.00
7) Phenol-d6	6.980	99	163823	47.525	ng	0.00
23) Nitrobenzene-d5	8.978	82	316736	86.624	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	292804	124.630	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	803465	84.003	ng	0.00
79) Terphenyl-d14	19.830	244	1319392	81.482	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.912	122	23013	14.726	ng	95
37) 2-Methylnaphthalene	12.280	142	28361	4.188	ng	97
38) 1-Methylnaphthalene	12.497	142	25378	3.942	ng	98

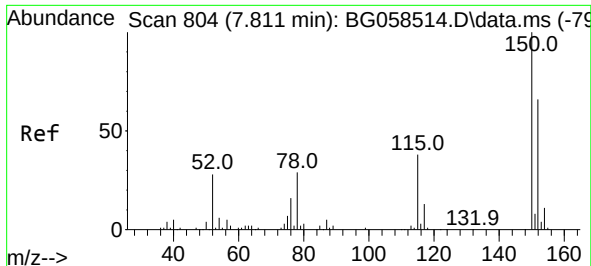
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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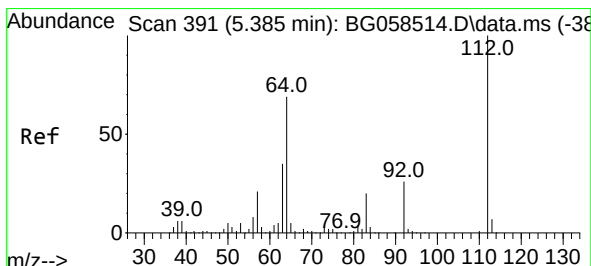
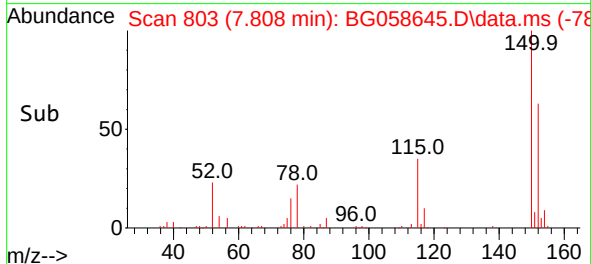
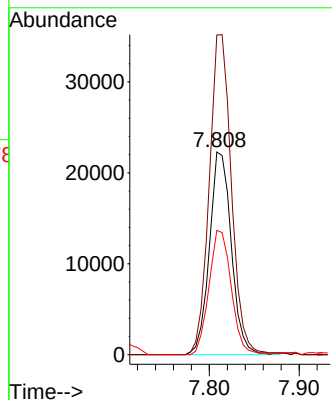
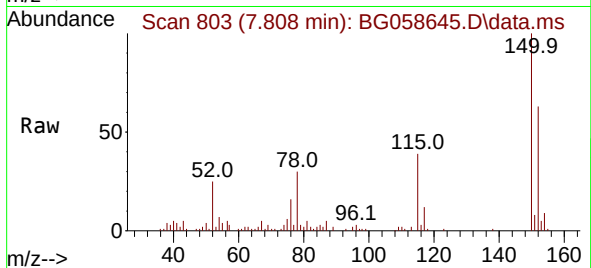




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

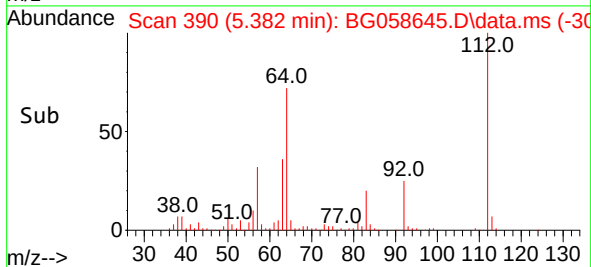
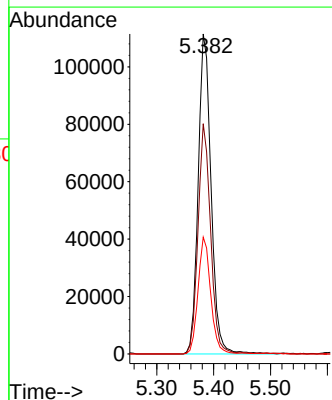
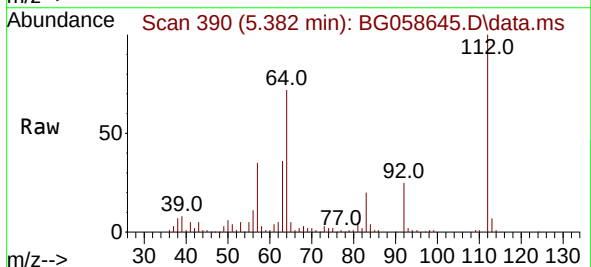
Instrument :
BNA_G
ClientSampleId :
MW-01W

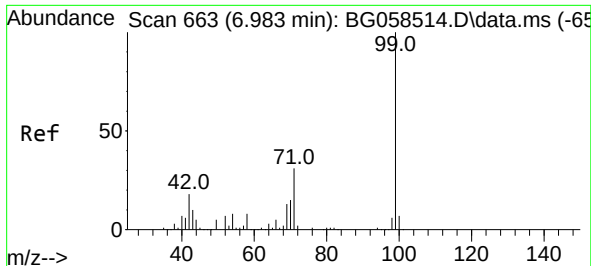
Tgt Ion:152 Resp: 37864
Ion Ratio Lower Upper
152 100
150 157.7 120.5 180.7
115 61.3 45.9 68.9



#5
2-Fluorophenol
Concen: 71.153 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

Tgt Ion:112 Resp: 176265
Ion Ratio Lower Upper
112 100
64 72.0 55.3 82.9
63 36.5 28.3 42.5

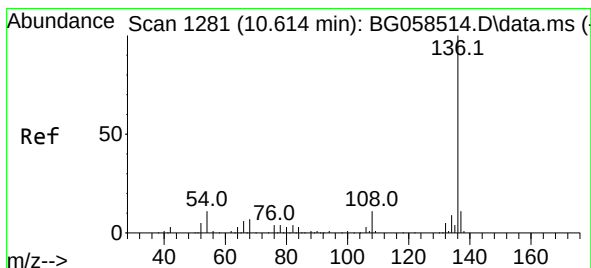
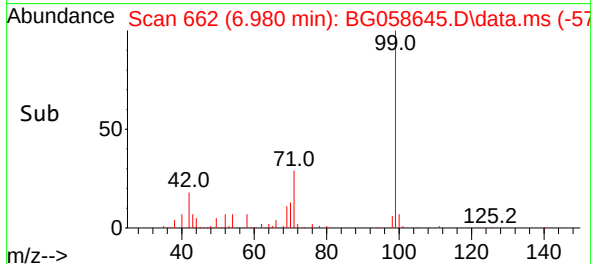
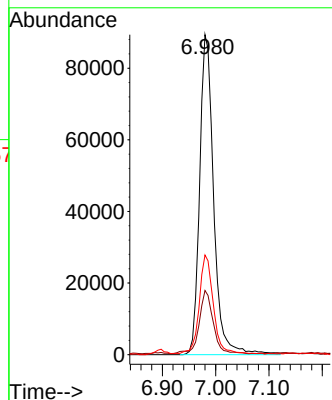
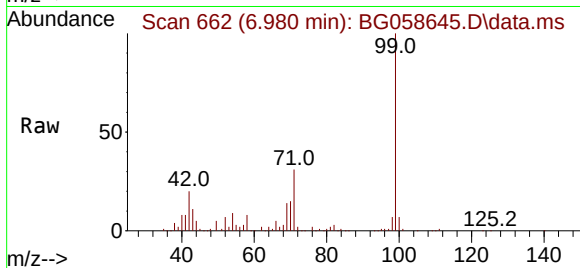




#7
Phenol-d6
Concen: 47.525 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

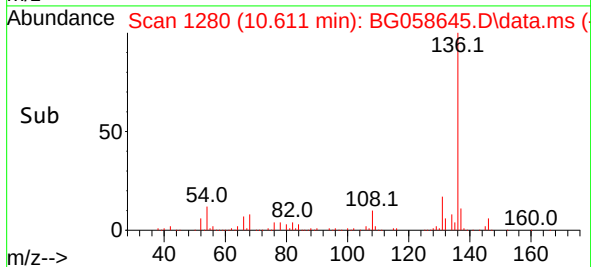
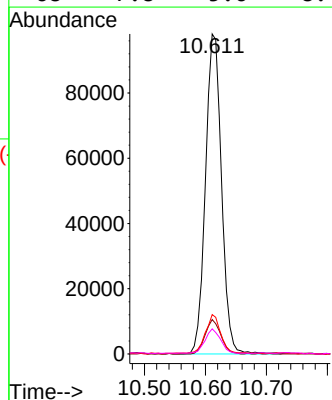
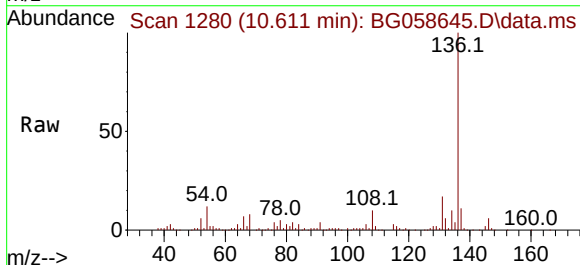
Instrument :
BNA_G
ClientSampleId :
MW-01W

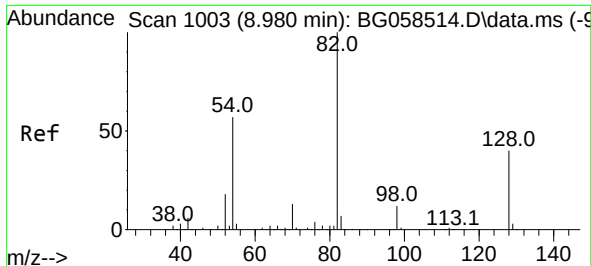
Tgt Ion: 99 Resp: 163823
Ion Ratio Lower Upper
99 100
42 20.0 14.6 21.8
71 31.2 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

Tgt Ion: 136 Resp: 179624
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.3 8.9 13.3
68 7.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 86.624 ng

RT: 8.978 min Scan# 1106

Delta R.T. -0.003 min

Lab File: BG058645.D

Acq: 8 Aug 2023 16:28

Instrument :

BNA_G

ClientSampleId :

MW-01W

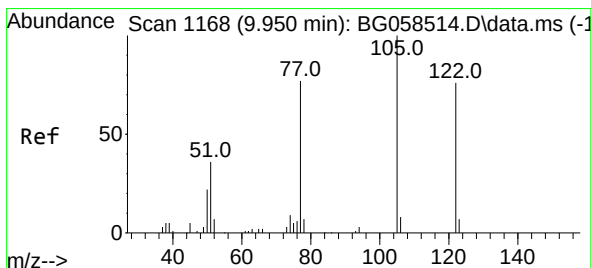
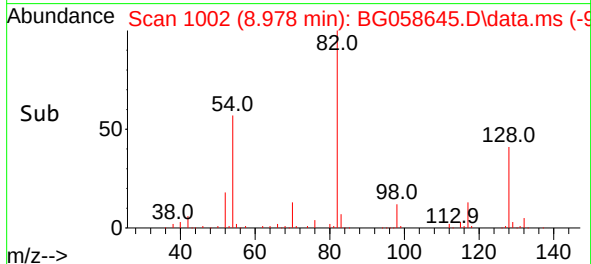
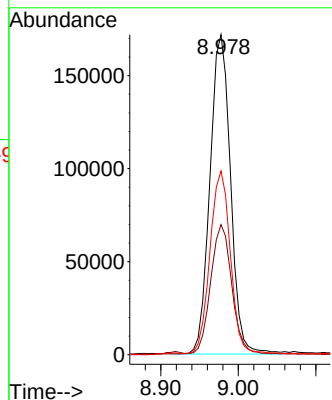
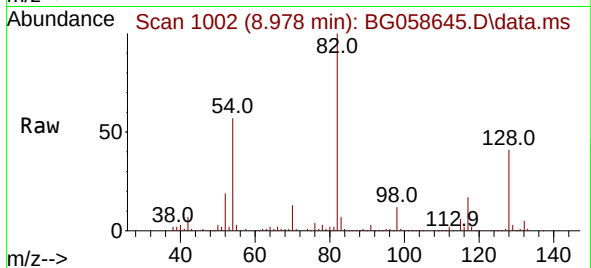
Tgt Ion: 82 Resp: 316736

Ion Ratio Lower Upper

82 100

128 40.6 32.2 48.2

54 57.4 46.0 69.0



#32

Benzoic acid

Concen: 14.726 ng

RT: 9.912 min Scan# 1161

Delta R.T. -0.038 min

Lab File: BG058645.D

Acq: 8 Aug 2023 16:28

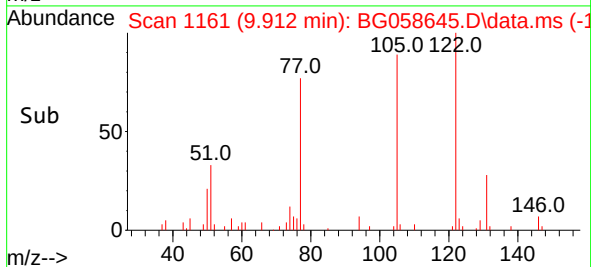
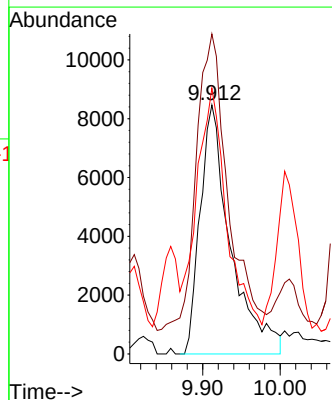
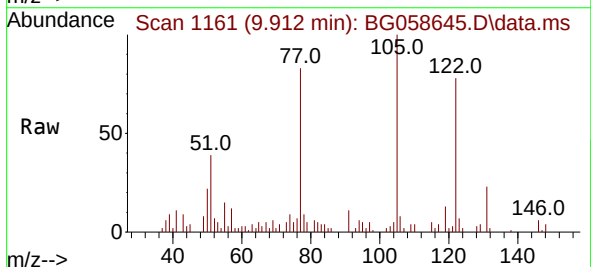
Tgt Ion:122 Resp: 23013

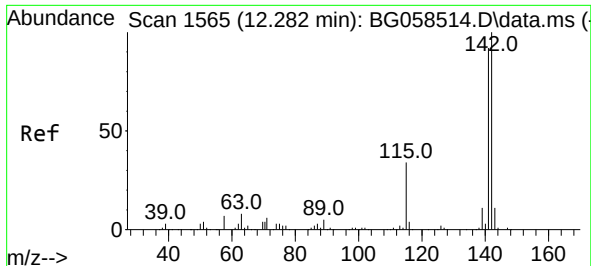
Ion Ratio Lower Upper

122 100

105 128.6 106.5 146.5

77 106.8 78.1 118.1





#37

2-Methylnaphthalene

Concen: 4.188 ng

RT: 12.280 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG058645.D

Acq: 8 Aug 2023 16:28

Instrument :

BNA_G

ClientSampleId :

MW-01W

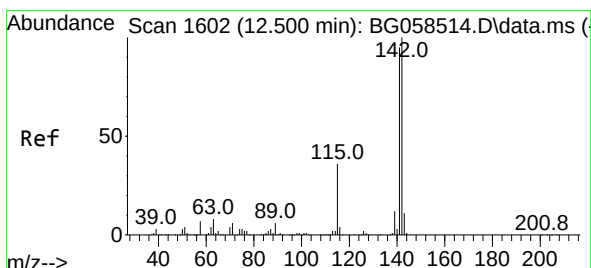
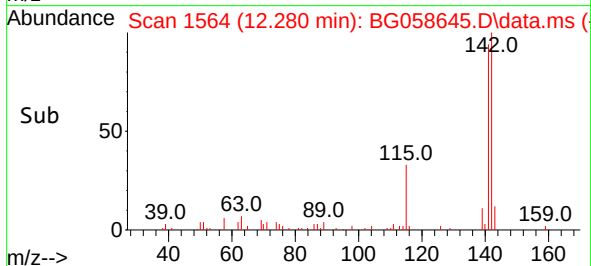
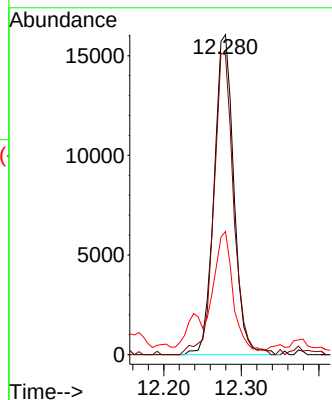
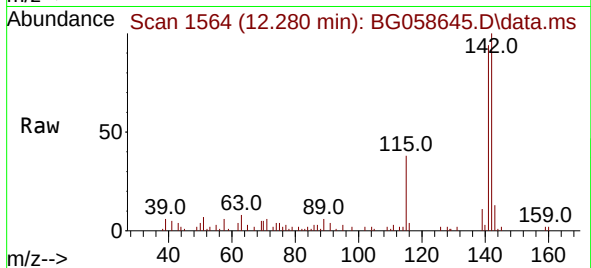
Tgt Ion:142 Resp: 28361

Ion Ratio Lower Upper

142 100

141 93.7 73.5 110.3

115 38.5 27.4 41.0



#38

1-Methylnaphthalene

Concen: 3.942 ng

RT: 12.497 min Scan# 1601

Delta R.T. -0.003 min

Lab File: BG058645.D

Acq: 8 Aug 2023 16:28

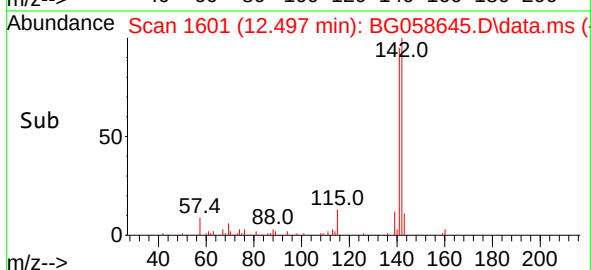
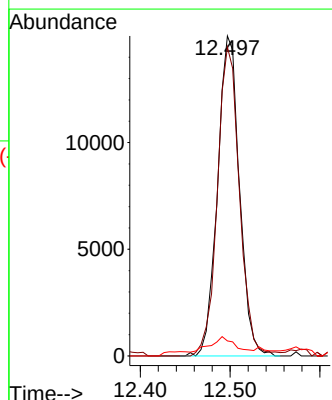
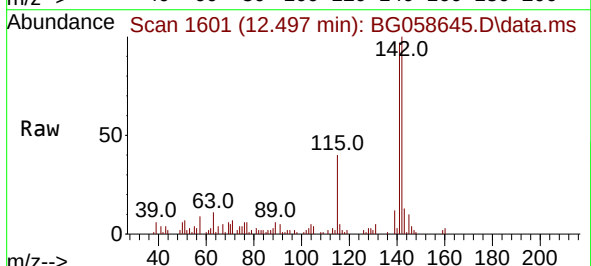
Tgt Ion:142 Resp: 25378

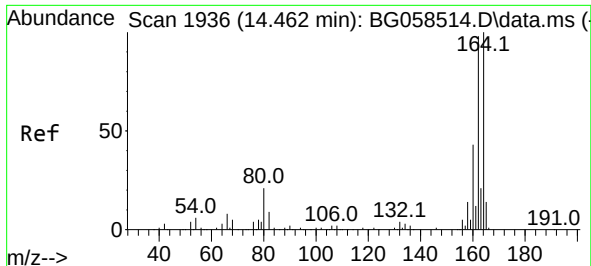
Ion Ratio Lower Upper

142 100

141 96.6 75.7 113.5

116 4.7 3.2 4.8

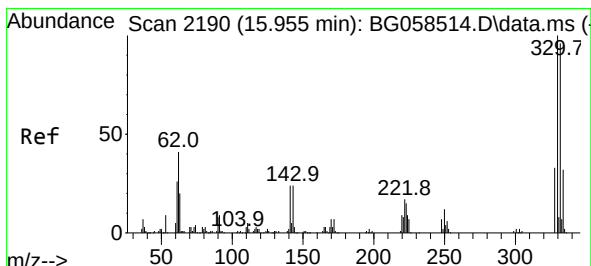
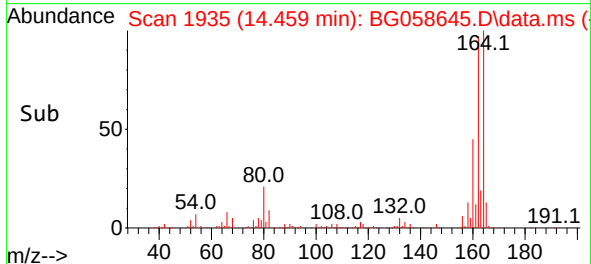
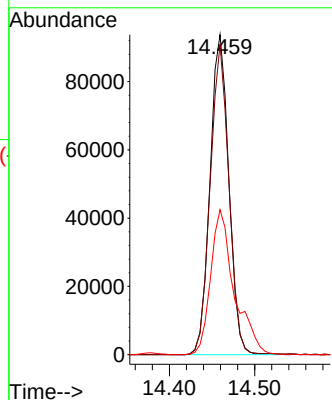
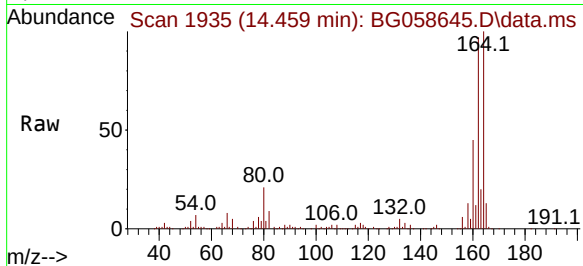




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

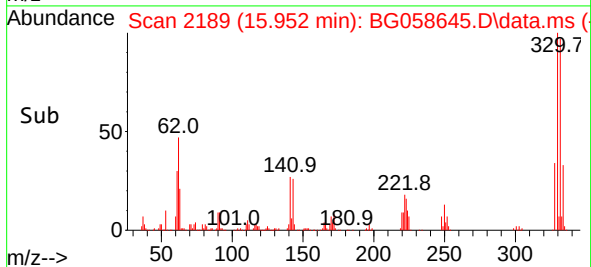
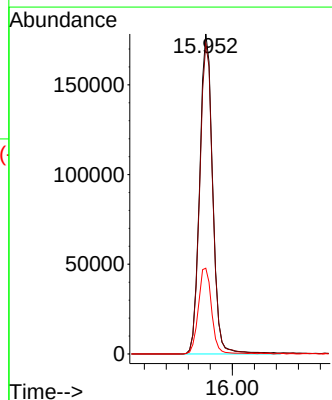
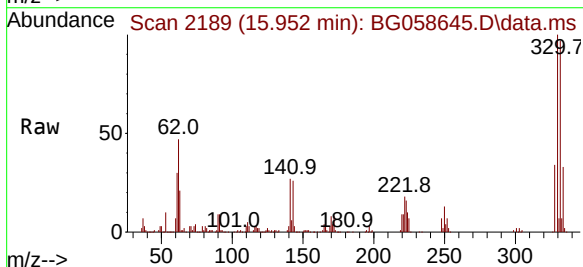
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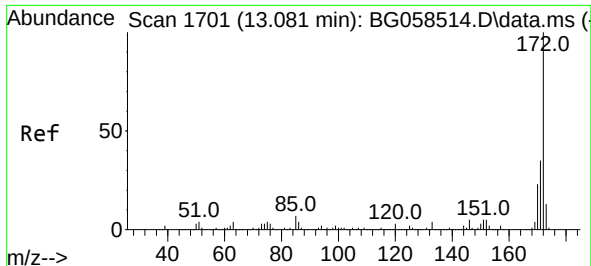
Tgt Ion:164 Resp: 143337
Ion Ratio Lower Upper
164 100
162 97.0 78.3 117.5
160 45.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 124.630 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

Tgt Ion:330 Resp: 292804
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 27.4 20.7 31.1

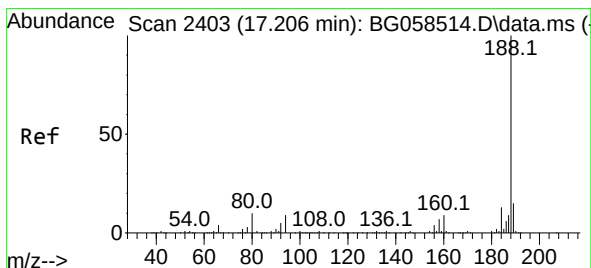
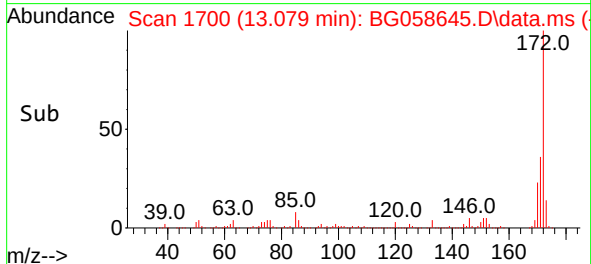
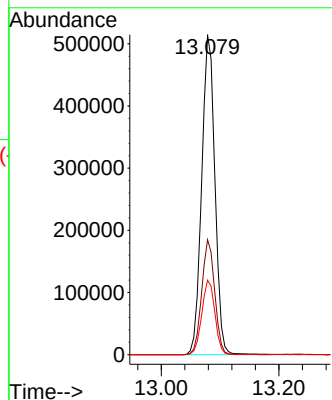
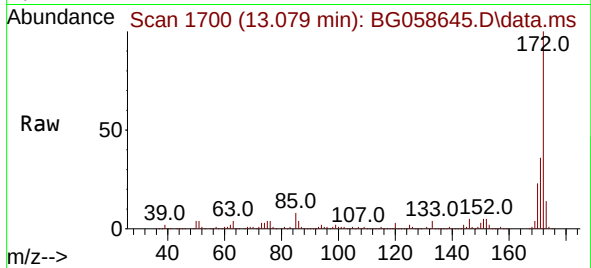




#45
2-Fluorobiphenyl
Concen: 84.003 ng
RT: 13.079 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

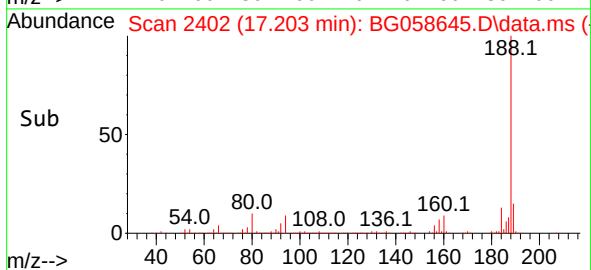
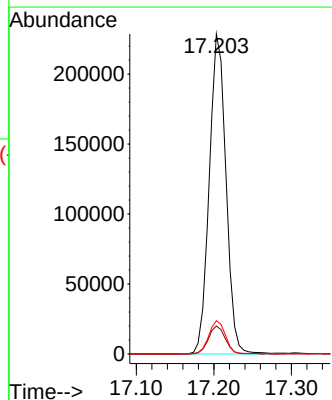
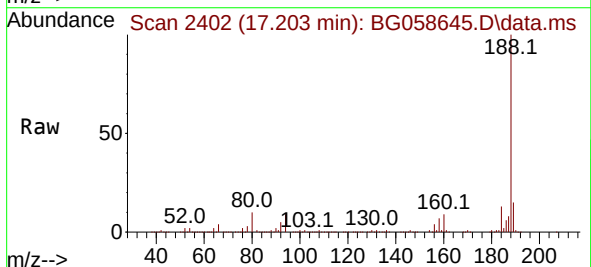
Instrument :
BNA_G
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MW-01W

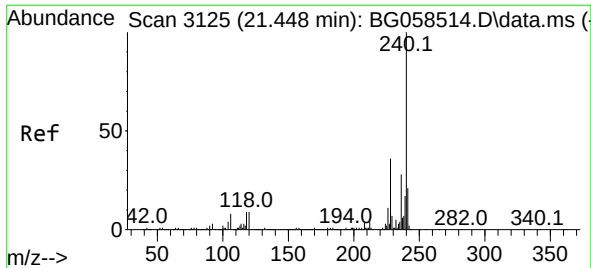
Tgt Ion:172 Resp: 803465
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.3 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

Tgt Ion:188 Resp: 342847
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 10.4 8.1 12.1

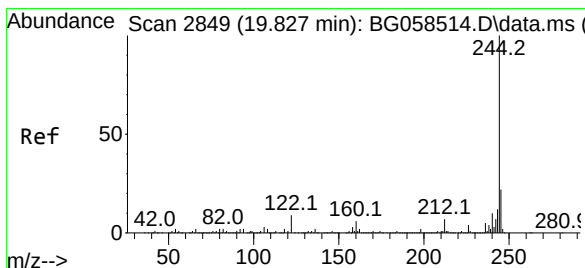
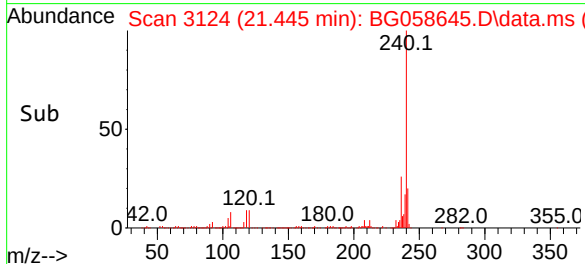
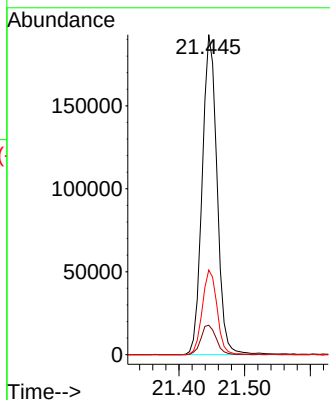
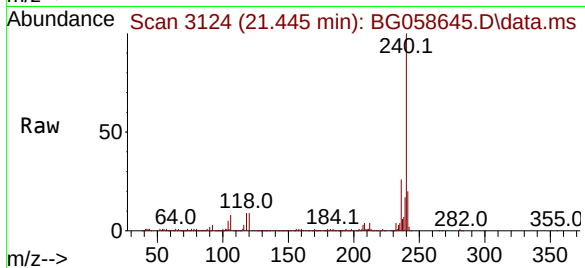




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

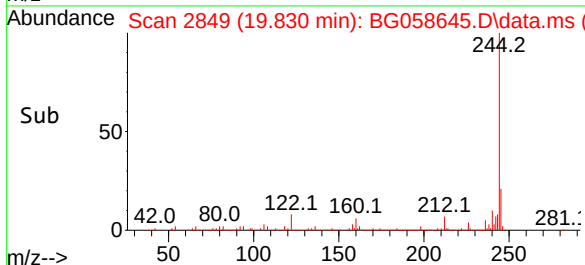
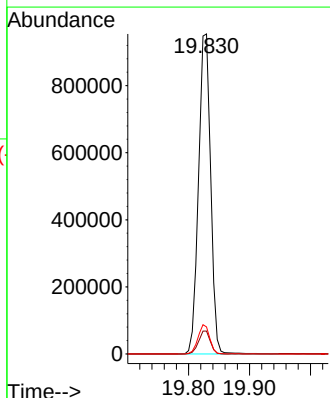
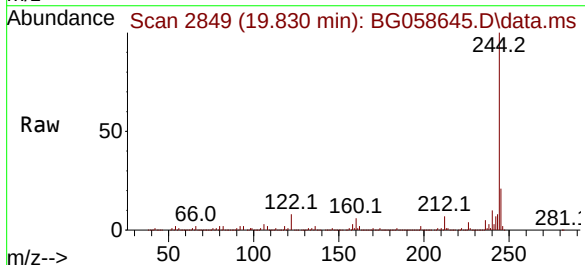
Instrument :
BNA_G
ClientSampleId :
MW-01W

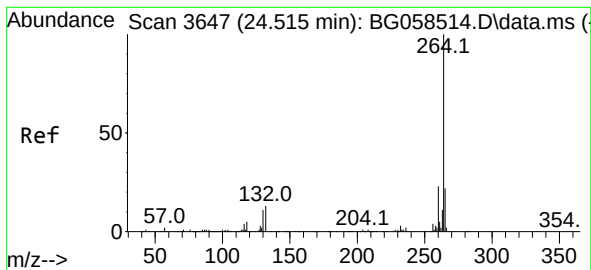
Tgt Ion:240 Resp: 304502
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.5 22.2 33.4



#79
Terphenyl-d14
Concen: 81.482 ng
RT: 19.830 min Scan# 2849
Delta R.T. 0.003 min
Lab File: BG058645.D
Acq: 8 Aug 2023 16:28

Tgt Ion:244 Resp: 1319392
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.5 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG058645.D
 Acq: 8 Aug 2023 16:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-01W

Tgt Ion:264 Resp: 369749
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 20.5 17.9 26.9

