

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058596.D
 Acq On : 3 Aug 2023 17:02
 Operator : MA/JU
 Sample : 03742-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P32B

Quant Time: Aug 03 17:41:51 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	62737	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	273428	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	194378	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	430525	20.000	ng	0.00
76) Chrysene-d12	21.443	240	380042	20.000	ng	0.00
86) Perylene-d12	24.516	264	471525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	328856	80.119	ng	0.00
7) Phenol-d6	6.984	99	478865	83.843	ng	0.00
23) Nitrobenzene-d5	8.976	82	284274	51.074	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	215811	67.737	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	664478	51.229	ng	0.00
79) Terphenyl-d14	19.822	244	1116029	55.223	ng	0.00

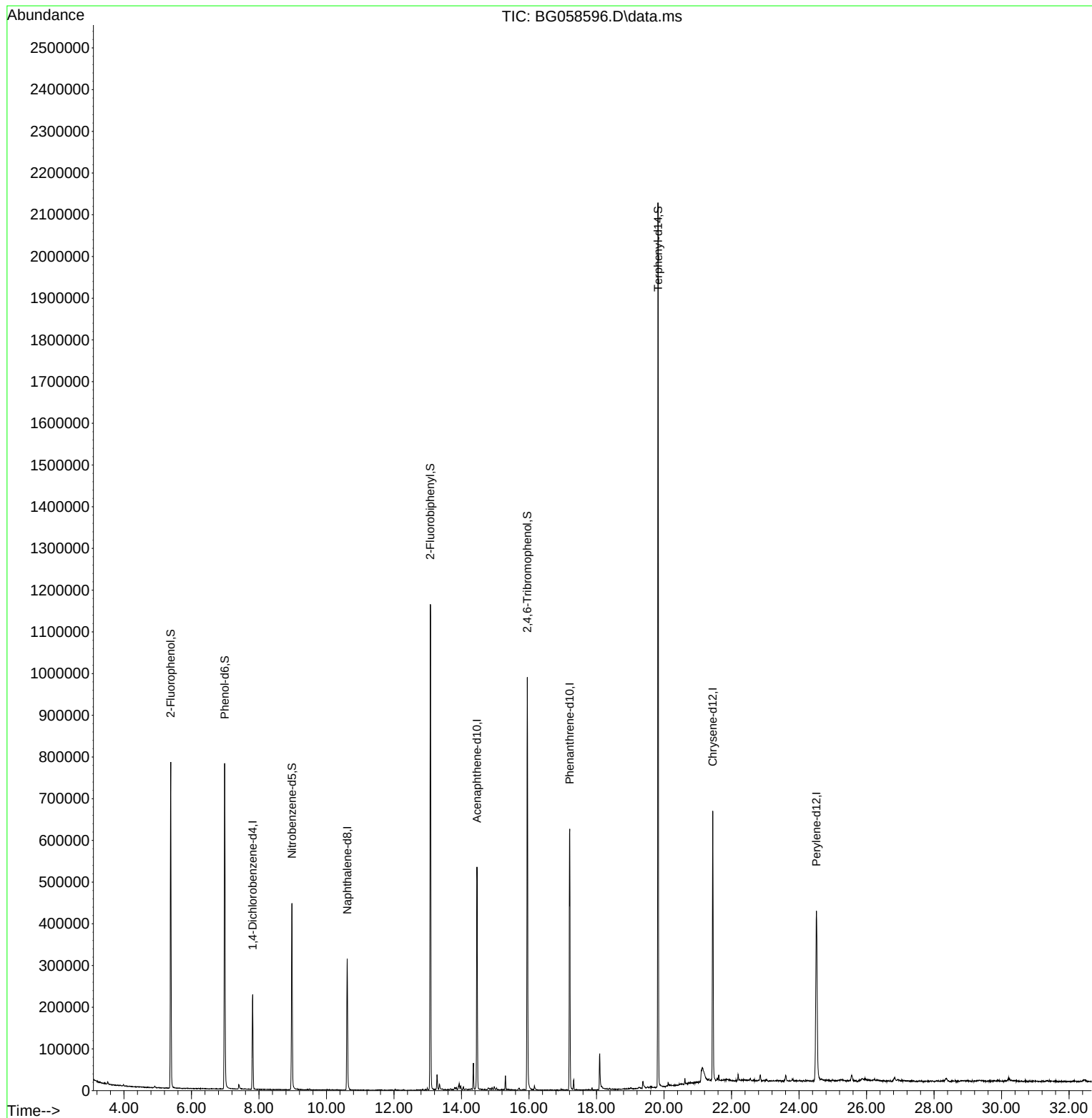
Target Compounds	Qvalue

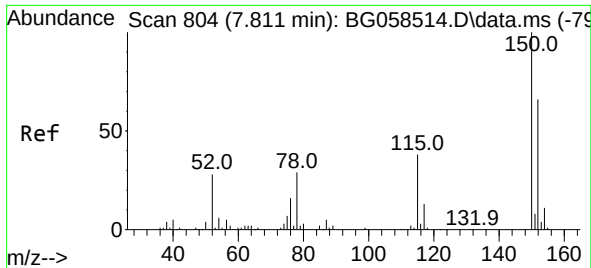
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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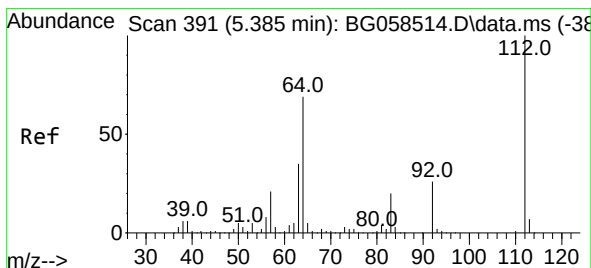
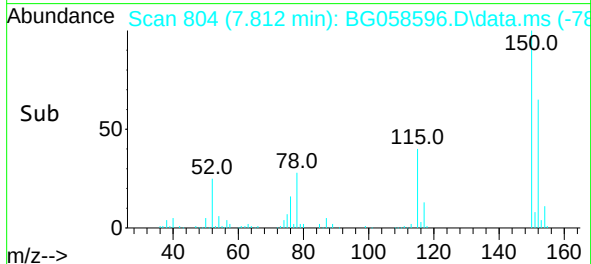
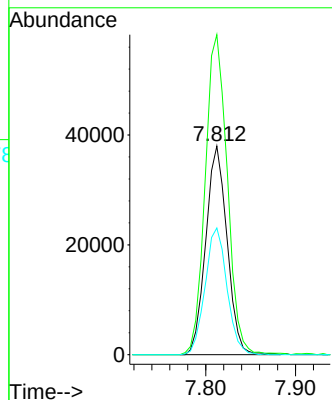
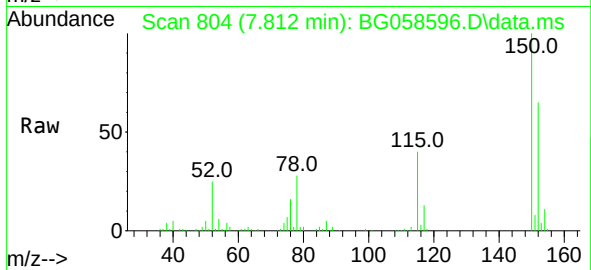




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058596.D
Acq: 3 Aug 2023 17:02

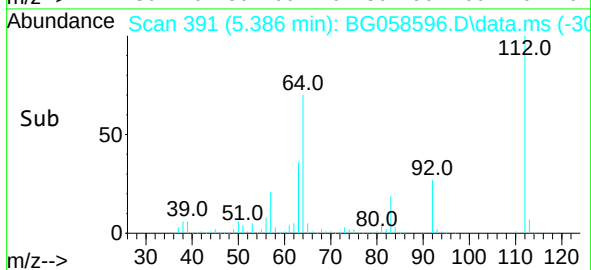
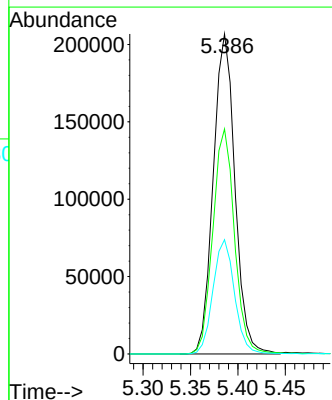
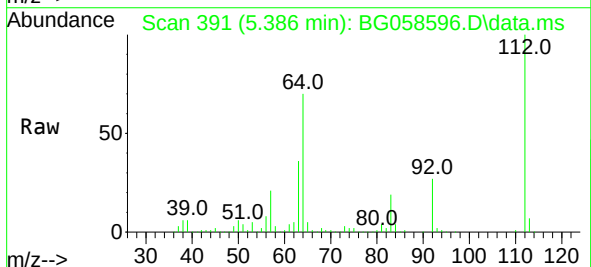
Instrument :
BNA_G
ClientSampleId :
B-P32B

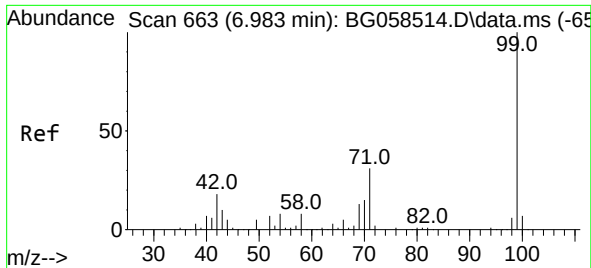
Tgt Ion:152 Resp: 62737
Ion Ratio Lower Upper
152 100
150 153.3 120.5 180.7
115 60.7 45.9 68.9



#5
2-Fluorophenol
Concen: 80.119 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058596.D
Acq: 3 Aug 2023 17:02

Tgt Ion:112 Resp: 328856
Ion Ratio Lower Upper
112 100
64 70.3 55.3 82.9
63 35.7 28.3 42.5

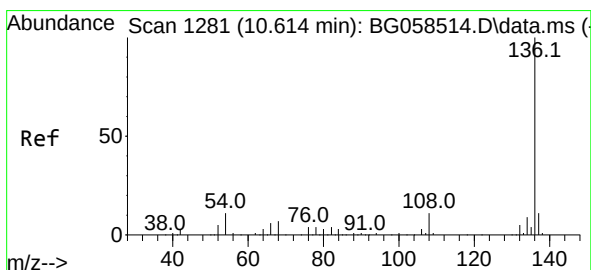
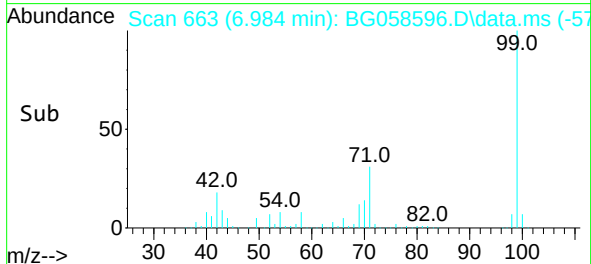
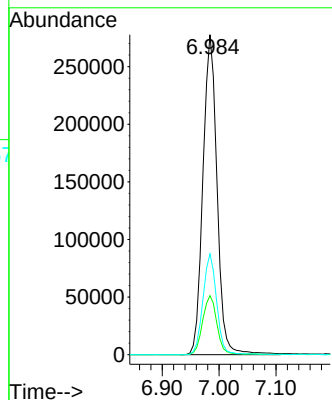
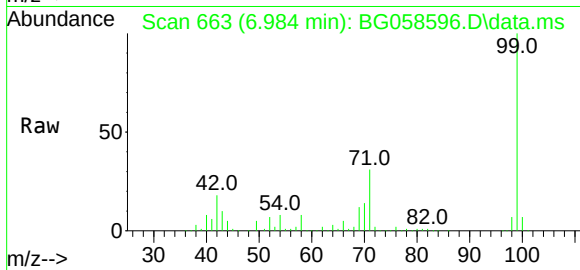




#7
Phenol-d6
Concen: 83.843 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058596.D
Acq: 3 Aug 2023 17:02

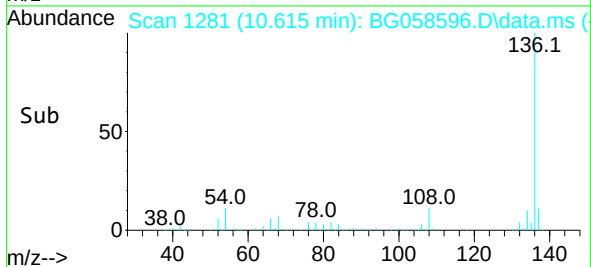
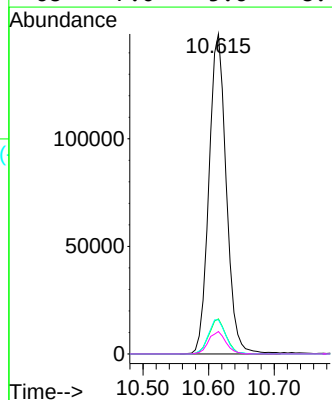
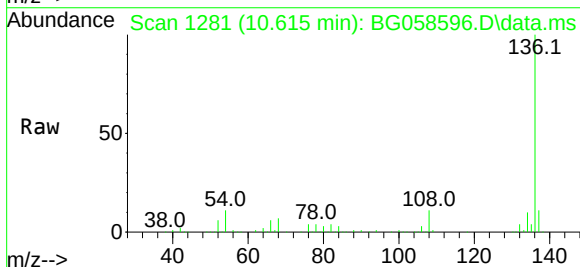
Instrument :
BNA_G
ClientSampleId :
B-P32B

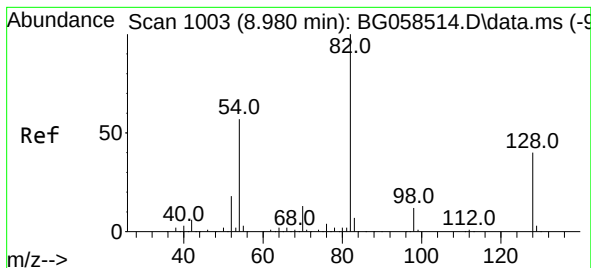
Tgt Ion: 99 Resp: 478865
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 31.5 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058596.D
Acq: 3 Aug 2023 17:02

Tgt Ion: 136 Resp: 273428
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.7 8.9 13.3
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 51.074 ng

RT: 8.976 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG058596.D

Acq: 3 Aug 2023 17:02

Instrument :

BNA_G

ClientSampleId :

B-P32B

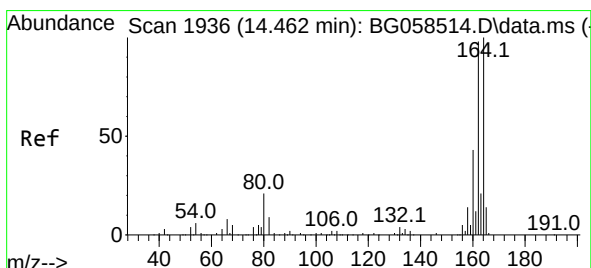
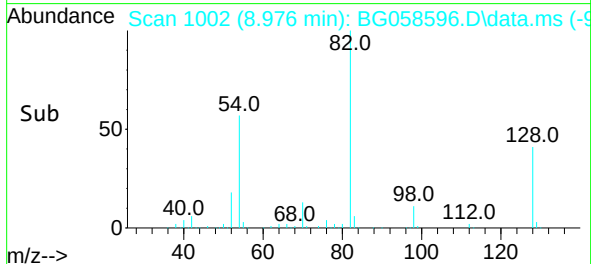
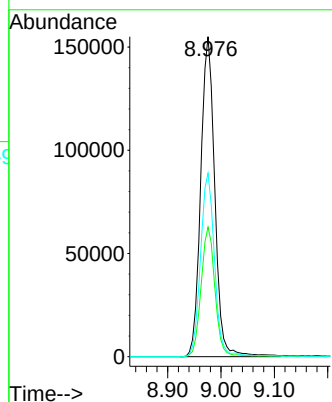
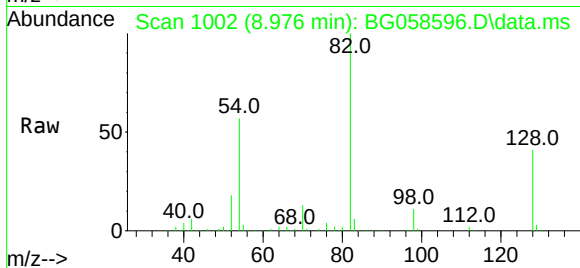
Tgt Ion: 82 Resp: 284274

Ion Ratio Lower Upper

82 100

128 40.5 32.2 48.2

54 57.4 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: BG058596.D

Acq: 3 Aug 2023 17:02

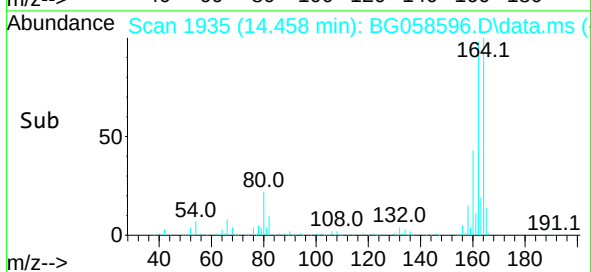
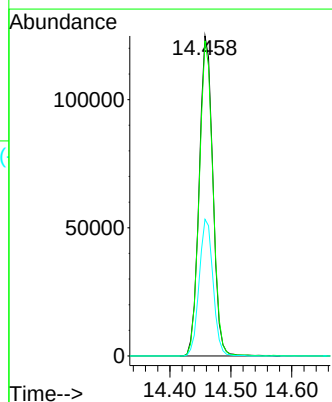
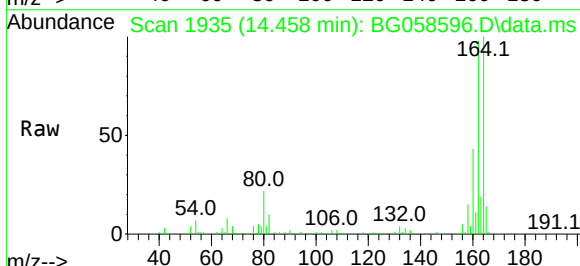
Tgt Ion:164 Resp: 194378

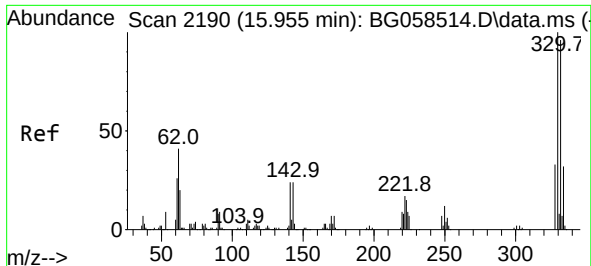
Ion Ratio Lower Upper

164 100

162 98.5 78.3 117.5

160 42.7 34.1 51.1

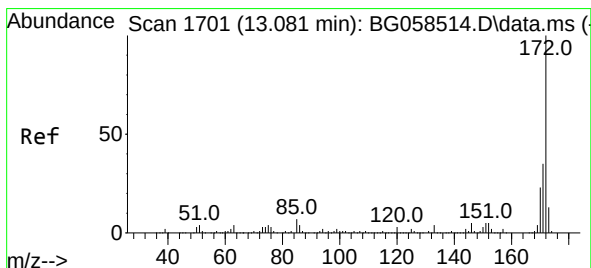
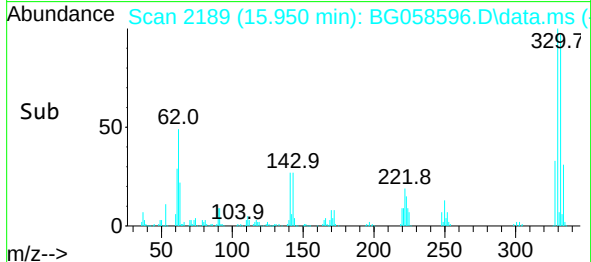
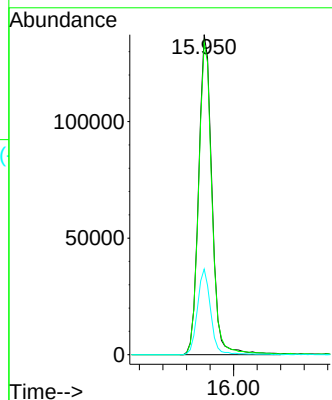
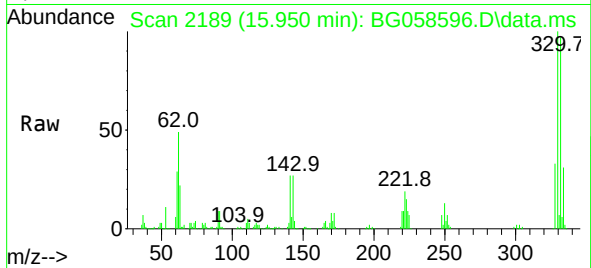




#42
2,4,6-Tribromophenol
Concen: 67.737 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG058596.D
Acq: 3 Aug 2023 17:02

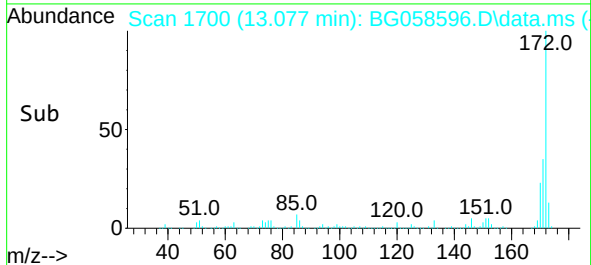
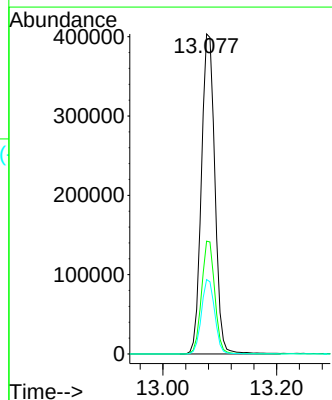
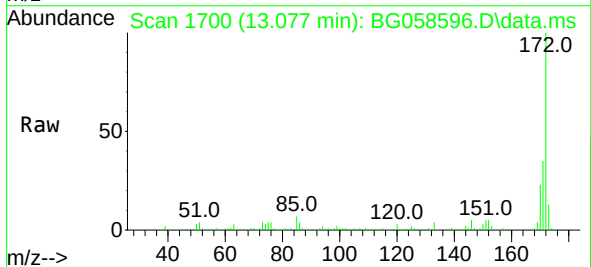
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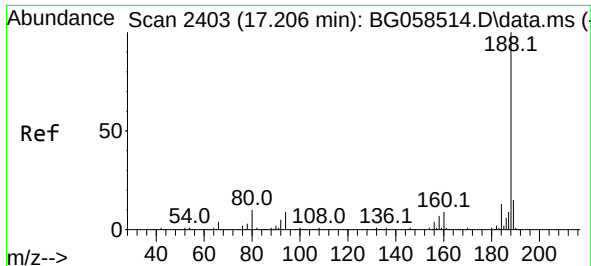
Tgt Ion:330 Resp: 215811
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 26.6 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 51.229 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058596.D
Acq: 3 Aug 2023 17:02

Tgt Ion:172 Resp: 664478
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.3 18.4 27.6

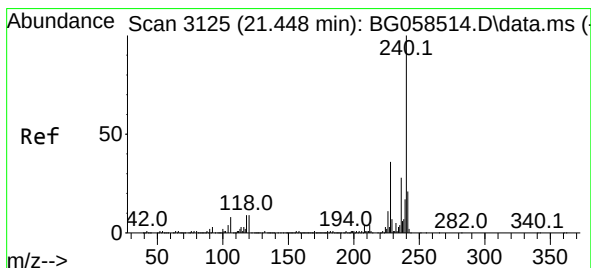
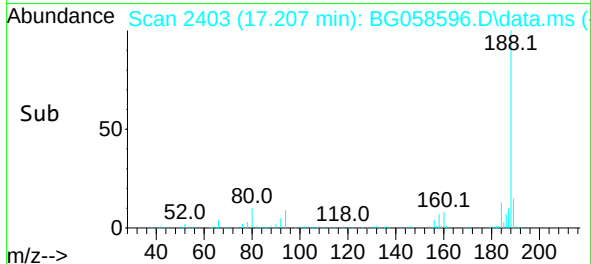
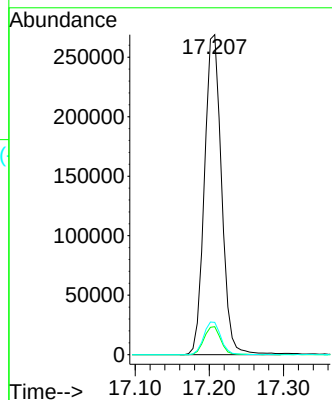
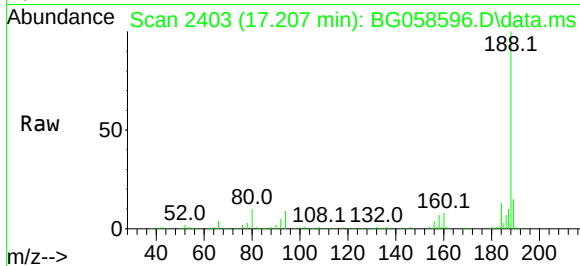




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058596.D
Acq: 3 Aug 2023 17:02

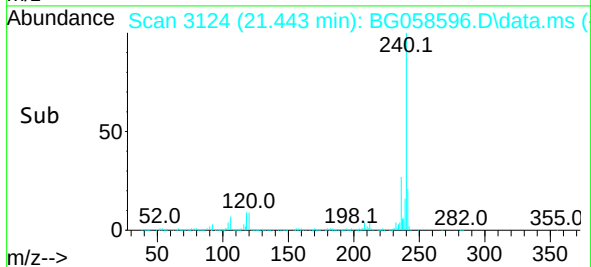
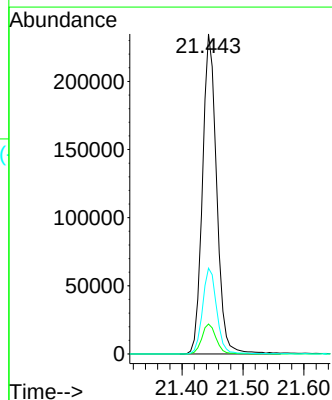
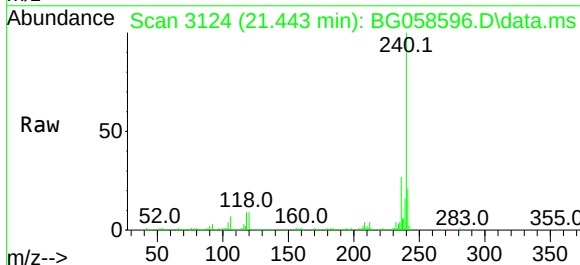
Instrument :
BNA_G
ClientSampleId :
B-P32B

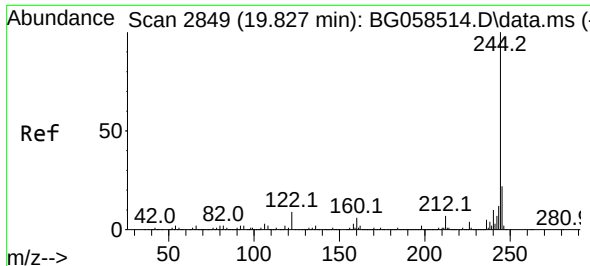
Tgt Ion:188 Resp: 430525
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058596.D
Acq: 3 Aug 2023 17:02

Tgt Ion:240 Resp: 380042
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.8 22.2 33.4

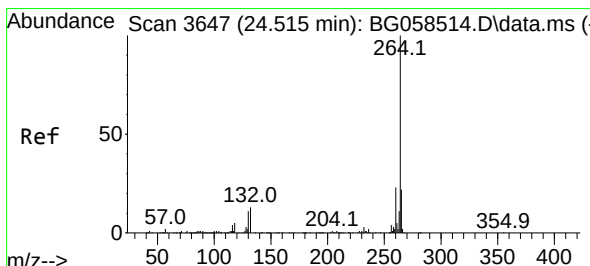
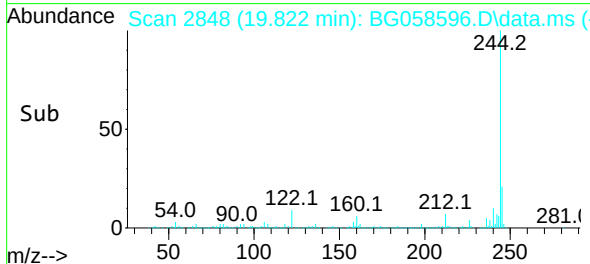
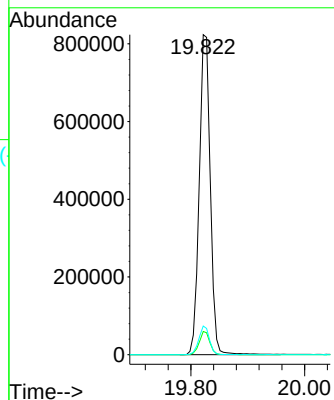
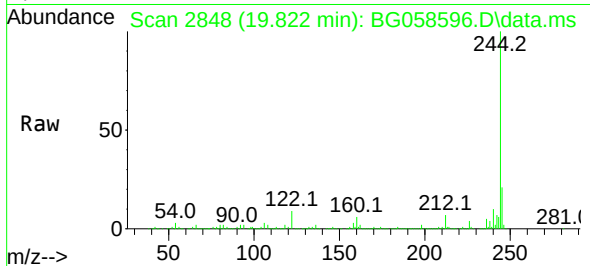




#79
 Terphenyl-d14
 Concen: 55.223 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058596.D
 Acq: 3 Aug 2023 17:02

Instrument :
 BNA_G
 ClientSampleId :
 B-P32B

Tgt Ion:244 Resp: 1116029
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.0 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058596.D
 Acq: 3 Aug 2023 17:02

Tgt Ion:264 Resp: 471525
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 22.6 17.9 26.9

