

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058590.D
 Acq On : 3 Aug 2023 12:56
 Operator : MA/JU
 Sample : 03860-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1A

Quant Time: Aug 03 13:51:11 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	46990	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	195793	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	135804	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	311519	20.000	ng	0.00
76) Chrysene-d12	21.443	240	275753	20.000	ng	0.00
86) Perylene-d12	24.516	264	345456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	305057	99.227	ng	0.00
7) Phenol-d6	6.984	99	416390	97.335	ng	0.00
23) Nitrobenzene-d5	8.976	82	249860	62.691	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	196521	88.287	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	576099	63.572	ng	0.00
79) Terphenyl-d14	19.822	244	962783	65.658	ng	0.00

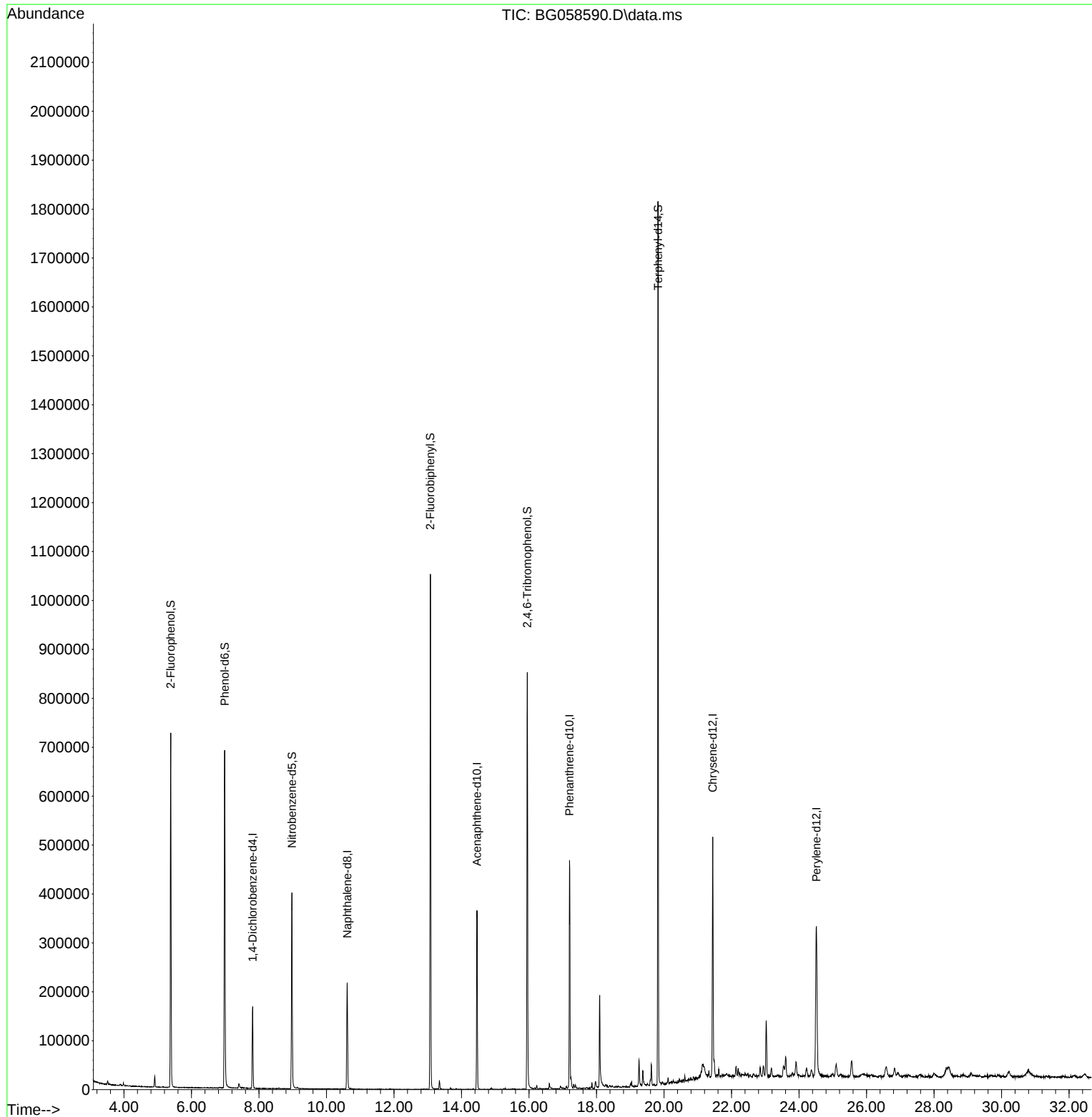
Target Compounds	Qvalue

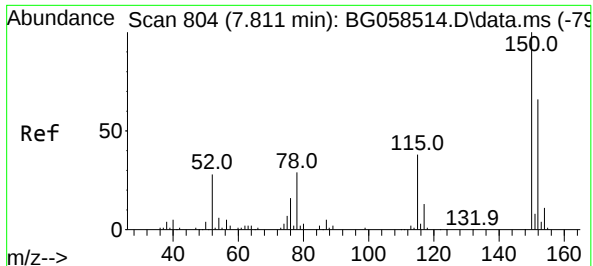
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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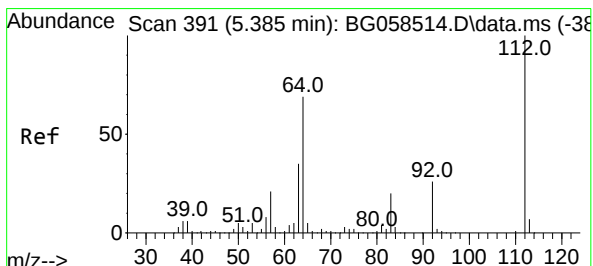
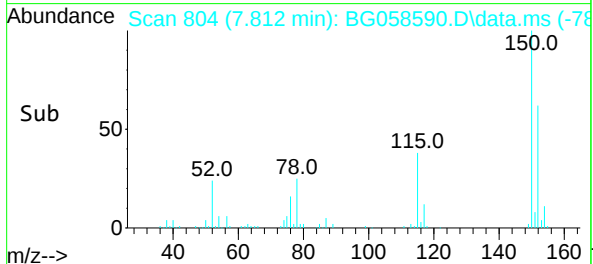
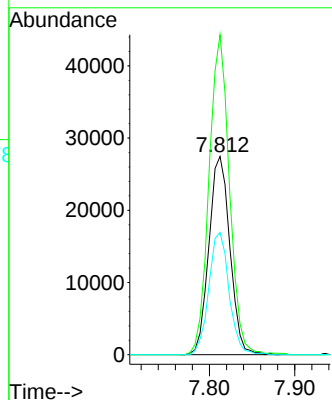
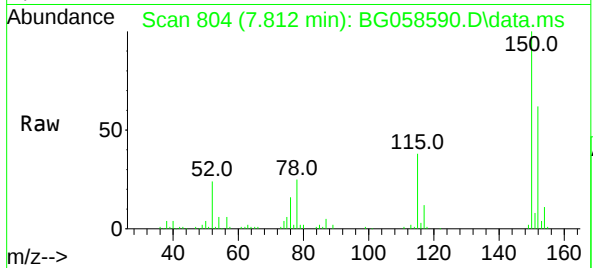




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

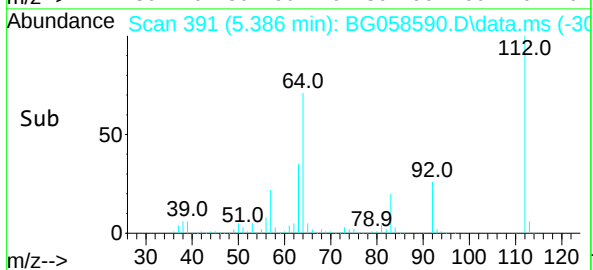
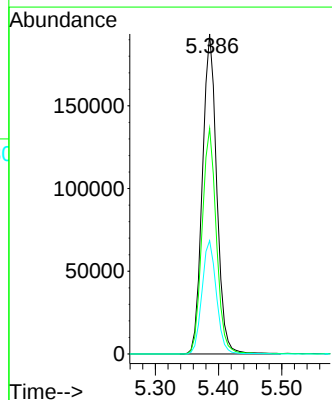
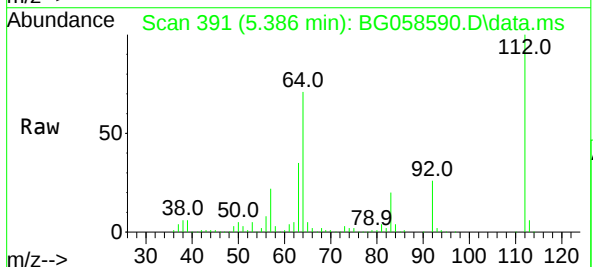
Instrument :
BNA_G
ClientSampleId :
SP-1A

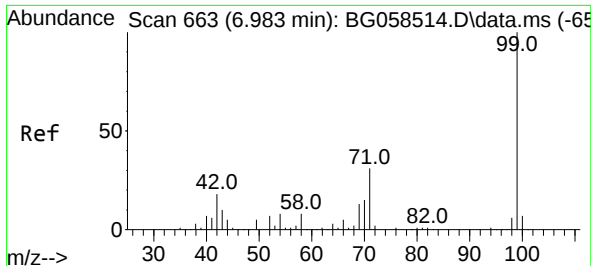
Tgt Ion:152 Resp: 46990
Ion Ratio Lower Upper
152 100
150 161.5 120.5 180.7
115 61.7 45.9 68.9



#5
2-Fluorophenol
Concen: 99.227 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

Tgt Ion:112 Resp: 305057
Ion Ratio Lower Upper
112 100
64 70.5 55.3 82.9
63 35.4 28.3 42.5

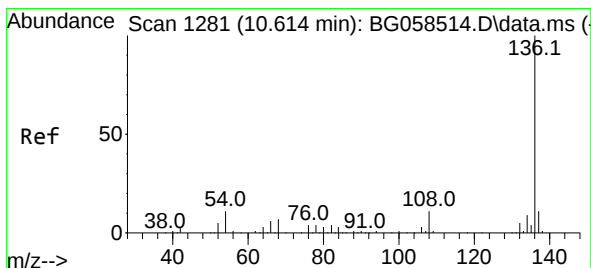
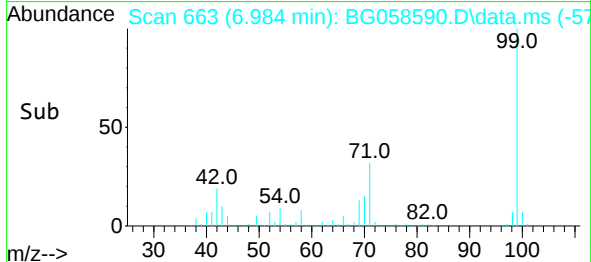
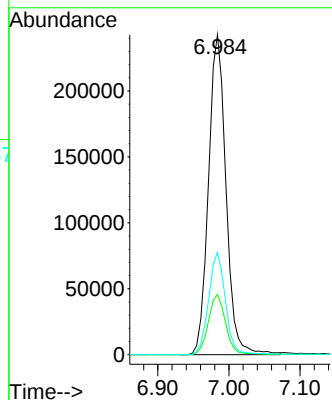
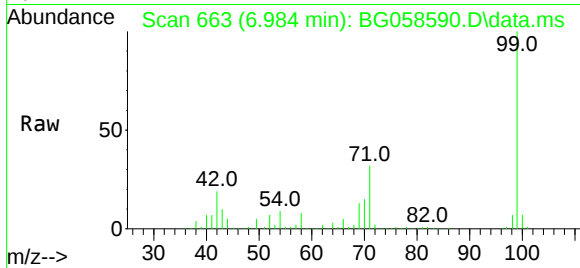




#7
Phenol-d6
Concen: 97.335 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

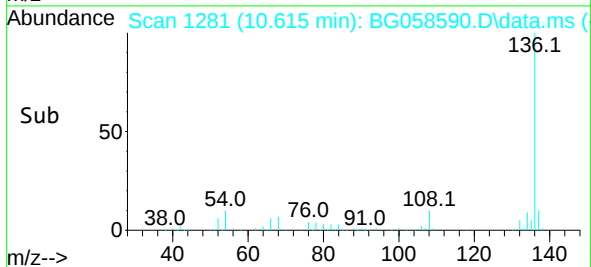
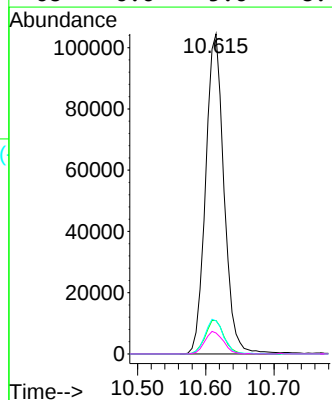
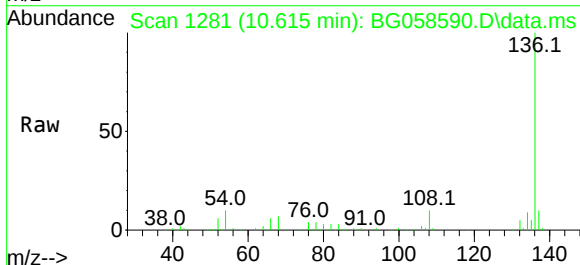
Instrument :
BNA_G
ClientSampleId :
SP-1A

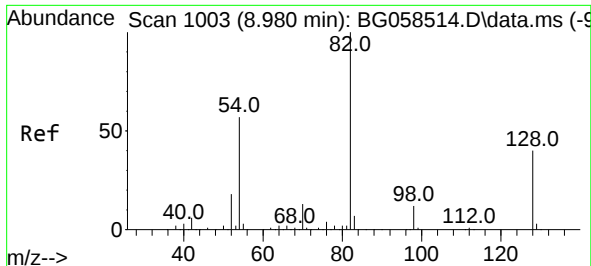
Tgt Ion: 99 Resp: 416390
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

Tgt Ion: 136 Resp: 195793
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.3 8.9 13.3
68 6.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 62.691 ng

RT: 8.976 min Scan# 1003

Delta R.T. -0.005 min

Lab File: BG058590.D

Acq: 3 Aug 2023 12:56

Instrument :

BNA_G

ClientSampleId :

SP-1A

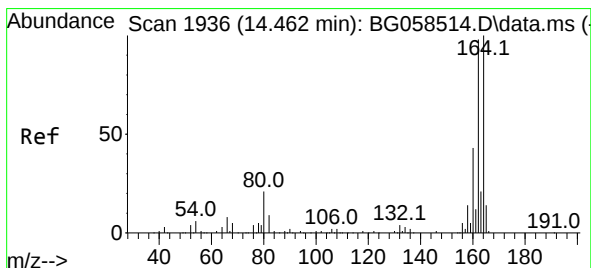
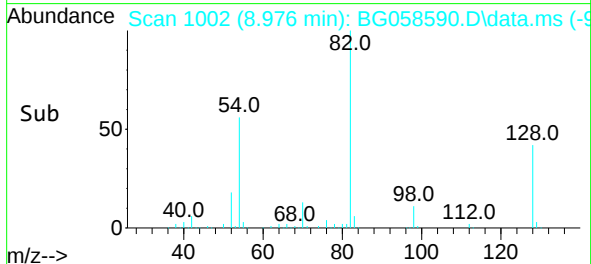
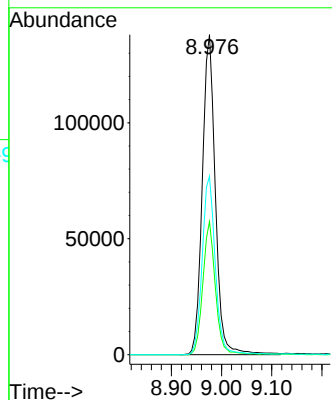
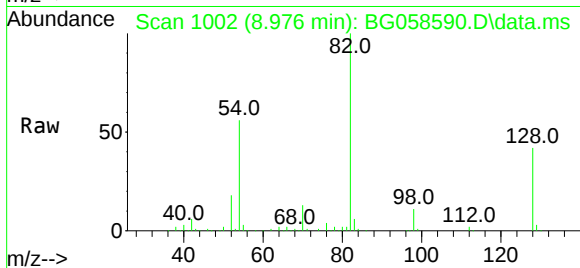
Tgt Ion: 82 Resp: 249860

Ion Ratio Lower Upper

82 100

128 41.6 32.2 48.2

54 55.8 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: BG058590.D

Acq: 3 Aug 2023 12:56

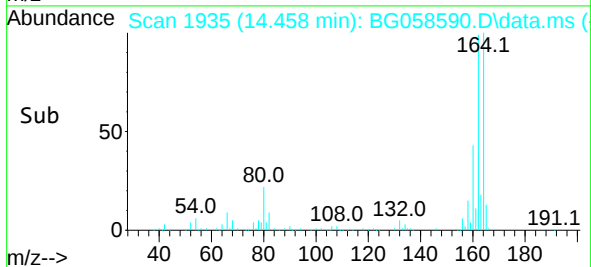
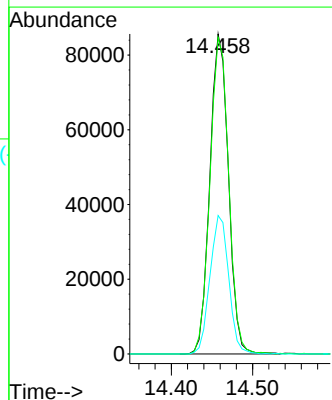
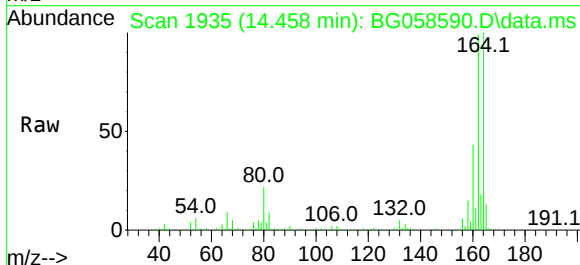
Tgt Ion:164 Resp: 135804

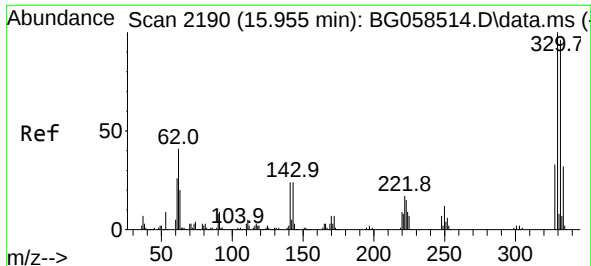
Ion Ratio Lower Upper

164 100

162 98.9 78.3 117.5

160 43.2 34.1 51.1

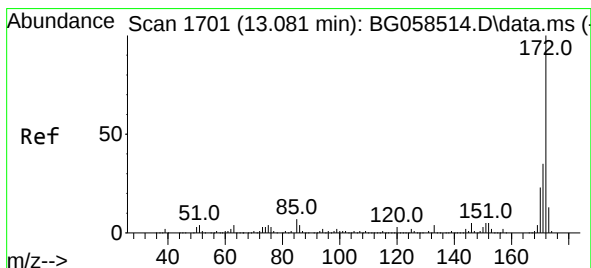
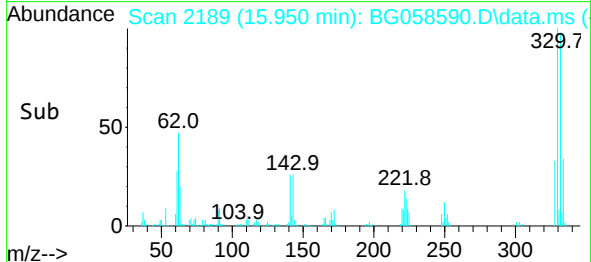
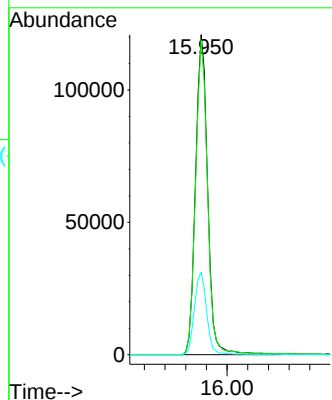
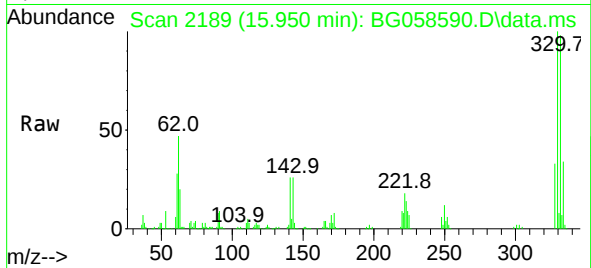




#42
2,4,6-Tribromophenol
Concen: 88.287 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

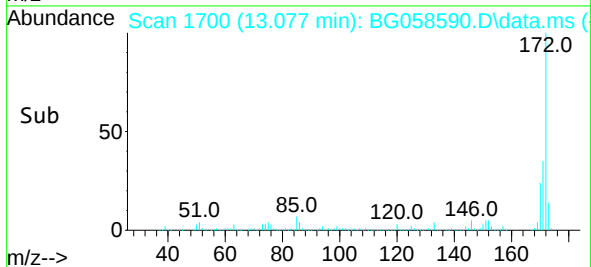
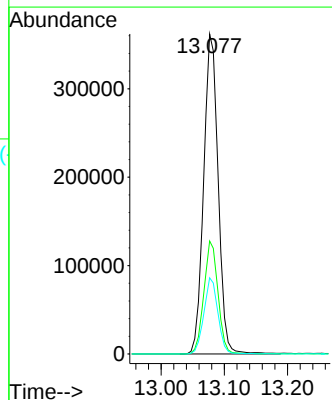
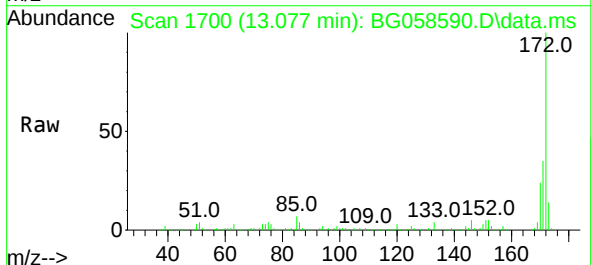
Instrument :
BNA_G
ClientSampleId :
SP-1A

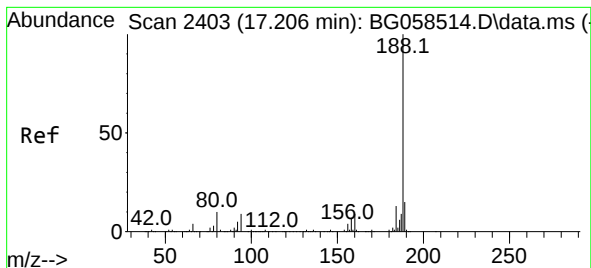
Tgt Ion:330 Resp: 196521
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 26.1 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 63.572 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058590.D
Acq: 3 Aug 2023 12:56

Tgt Ion:172 Resp: 576099
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.8 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG058590.D

Acq: 3 Aug 2023 12:56

Instrument :

BNA_G

ClientSampleId :

SP-1A

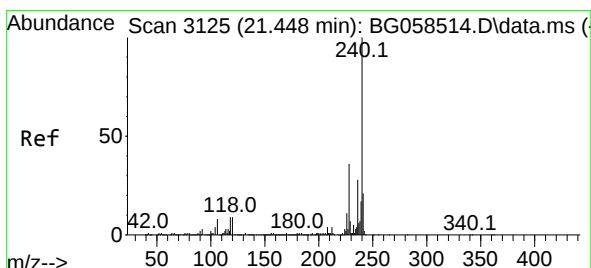
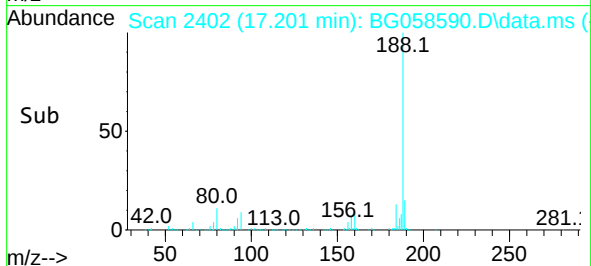
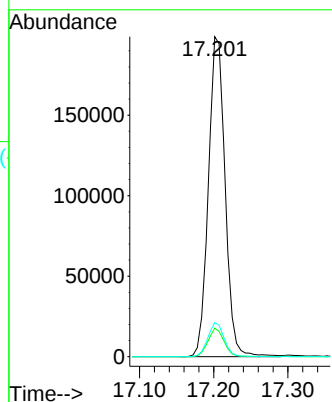
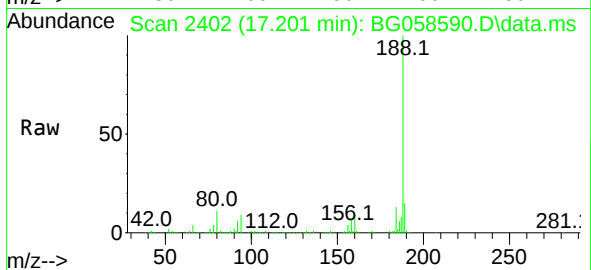
Tgt Ion:188 Resp: 311519

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 10.6 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: BG058590.D

Acq: 3 Aug 2023 12:56

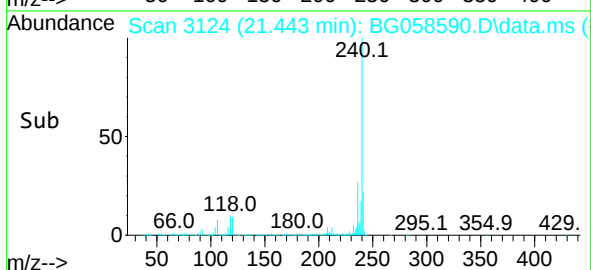
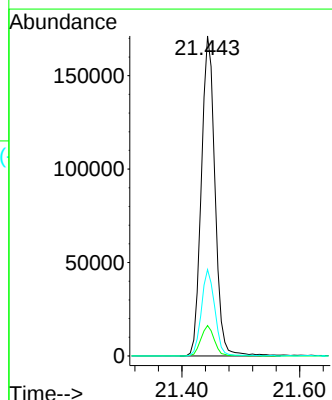
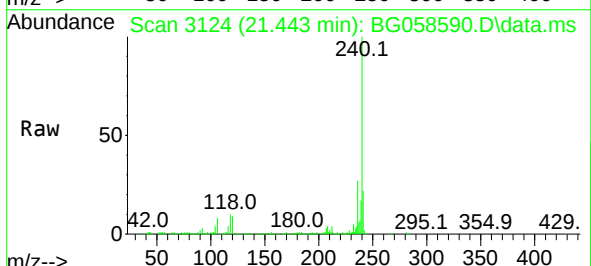
Tgt Ion:240 Resp: 275753

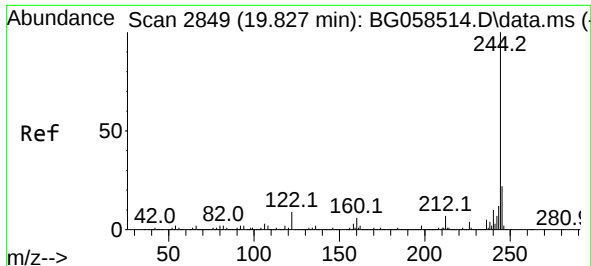
Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.0

236 27.0 22.2 33.4

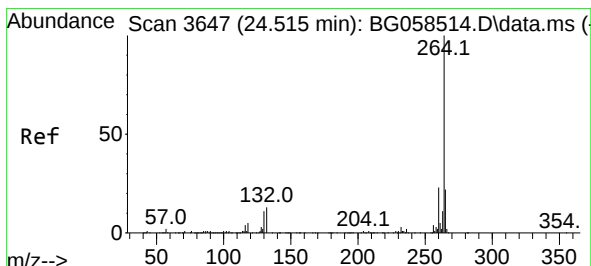
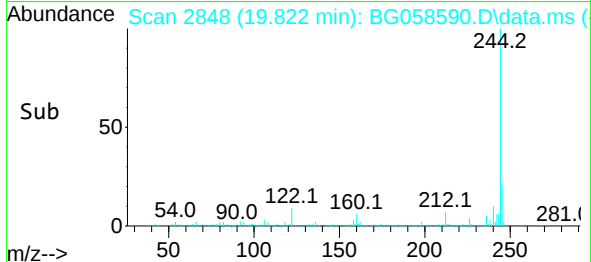
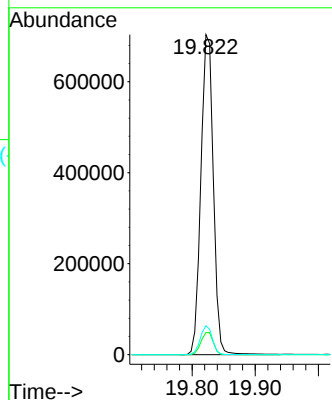
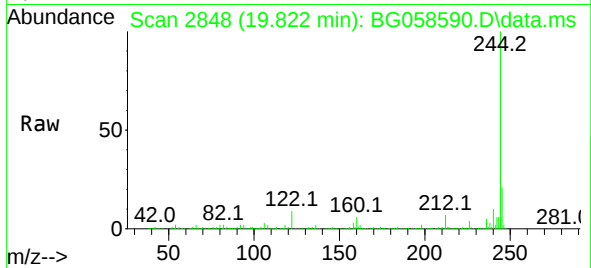




#79
 Terphenyl-d14
 Concen: 65.658 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058590.D
 Acq: 3 Aug 2023 12:56

Instrument :
 BNA_G
 ClientSampleId :
 SP-1A

Tgt Ion:244 Resp: 962783
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.1 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: BG058590.D
 Acq: 3 Aug 2023 12:56

Tgt Ion:264 Resp: 345456
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.4 27.6
 265 20.6 17.9 26.9

