

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058711.D
 Acq On : 11 Aug 2023 20:47
 Operator : MA/JU
 Sample : 03971-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP02B

Quant Time: Aug 11 23:04:06 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	39979	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	177439	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	128166	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	313686	20.000	ng	0.00
76) Chrysene-d12	21.448	240	278082	20.000	ng	0.00
86) Perylene-d12	24.527	264	308614	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	176097	67.325	ng	0.00
7) Phenol-d6	6.983	99	248455	68.264	ng	0.00
23) Nitrobenzene-d5	8.975	82	146552	40.574	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	127775	60.824	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	378632	44.272	ng	0.00
79) Terphenyl-d14	19.821	244	687736	46.508	ng	0.00

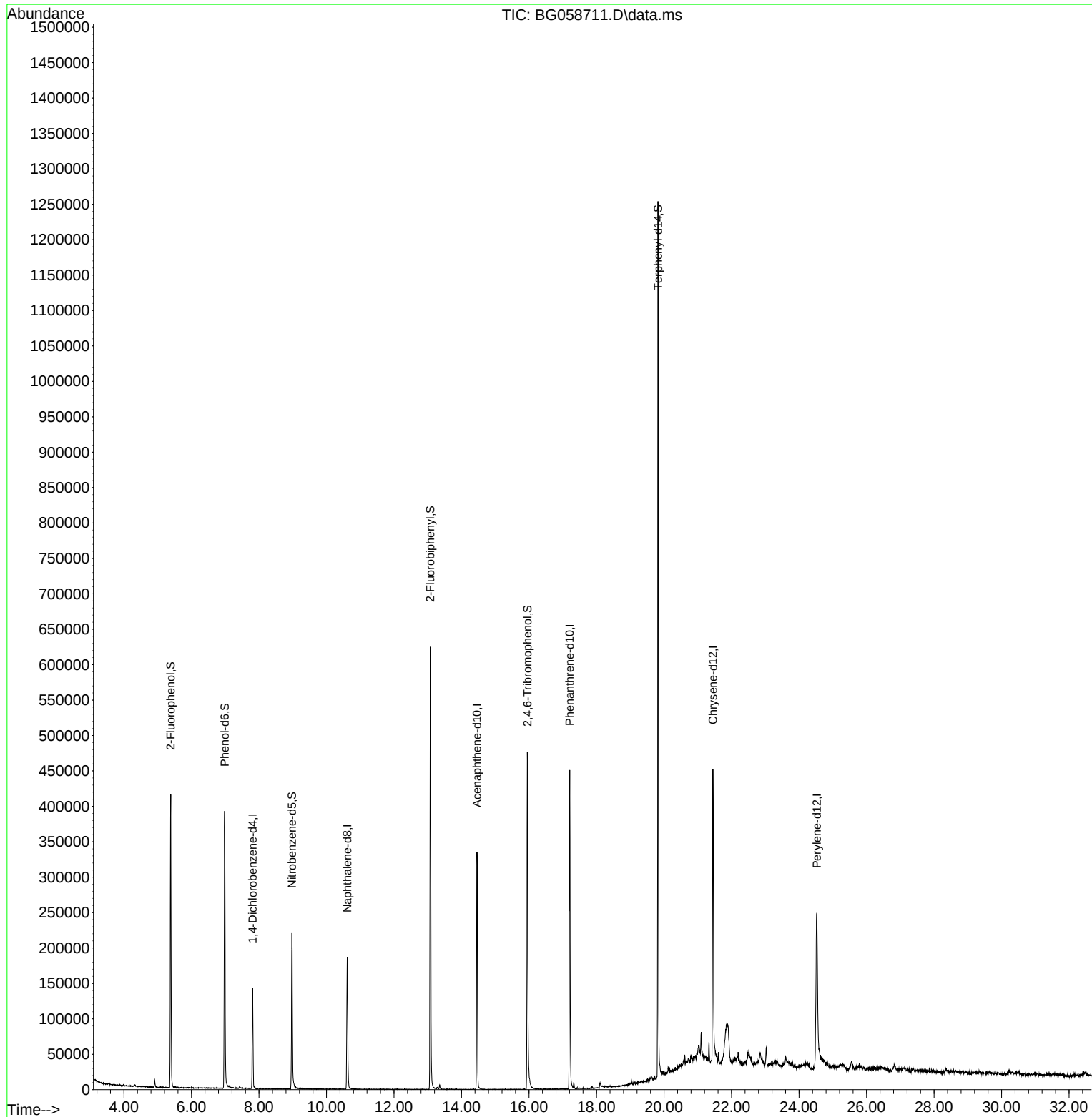
Target Compounds	Qvalue

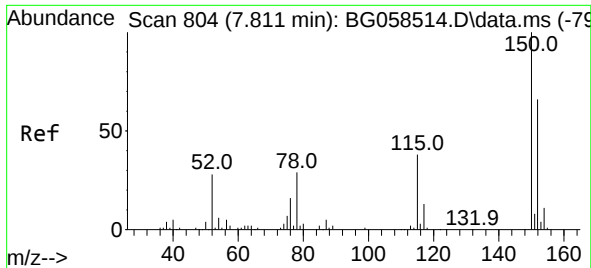
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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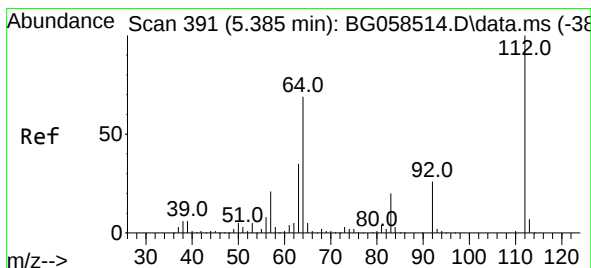
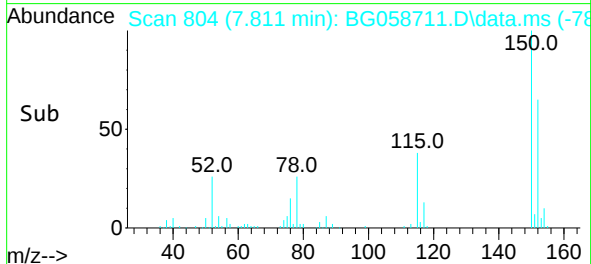
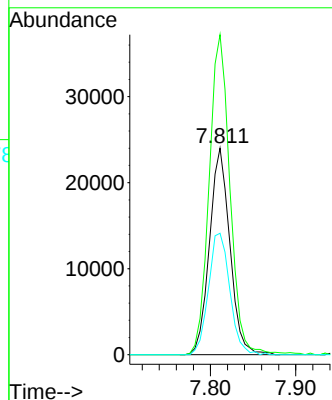
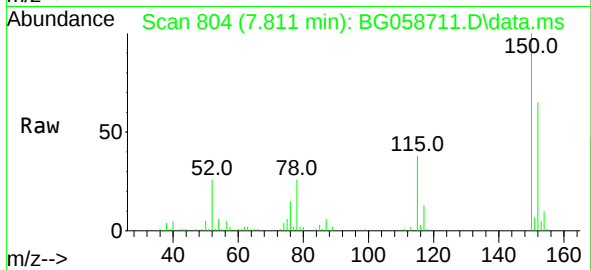




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

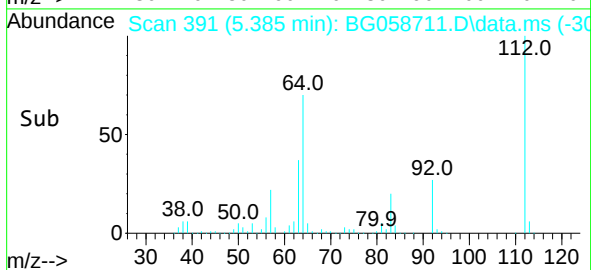
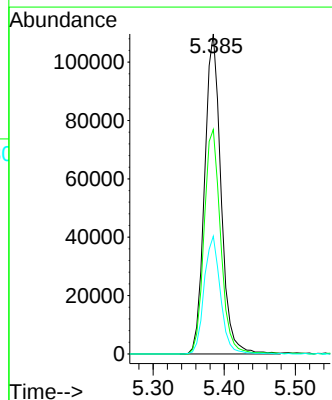
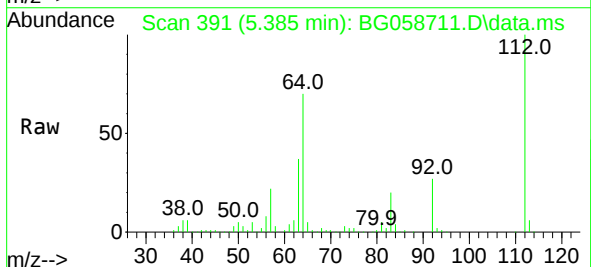
Instrument :
BNA_G
ClientSampleId :
B-PP02B

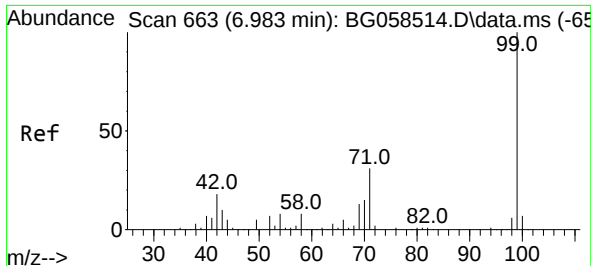
Tgt Ion:152 Resp: 39979
Ion Ratio Lower Upper
152 100
150 154.9 120.5 180.7
115 58.8 45.9 68.9



#5
2-Fluorophenol
Concen: 67.325 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

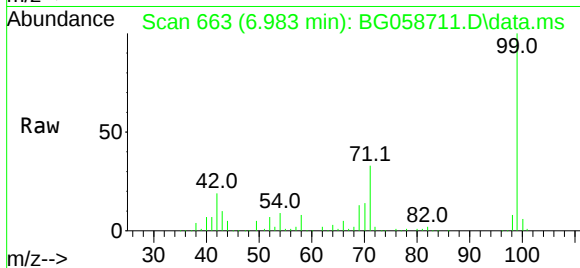
Tgt Ion:112 Resp: 176097
Ion Ratio Lower Upper
112 100
64 70.1 55.3 82.9
63 36.8 28.3 42.5



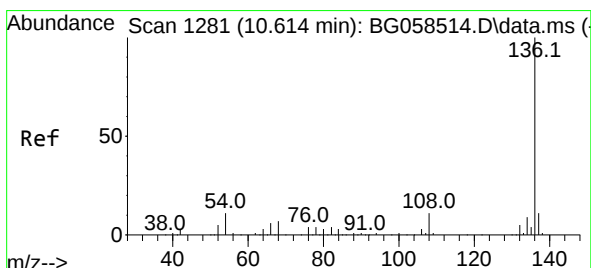
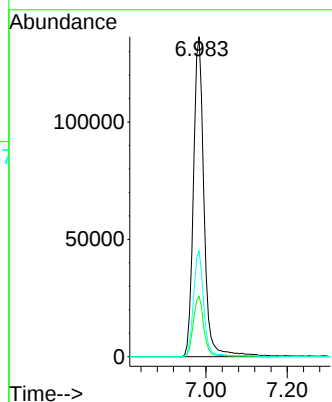
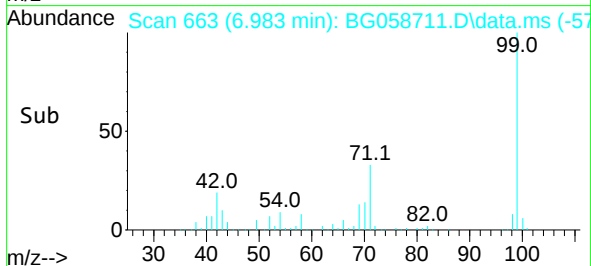


#7
Phenol-d6
Concen: 68.264 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

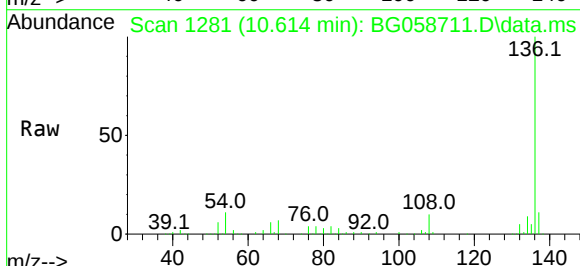
Instrument :
BNA_G
ClientSampleId :
B-PP02B



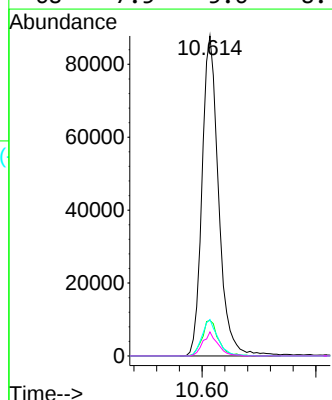
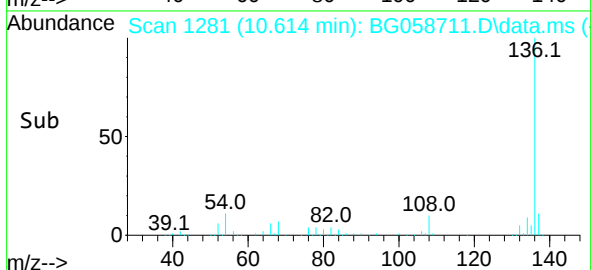
Tgt Ion: 99 Resp: 248455
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 33.1 25.0 37.4

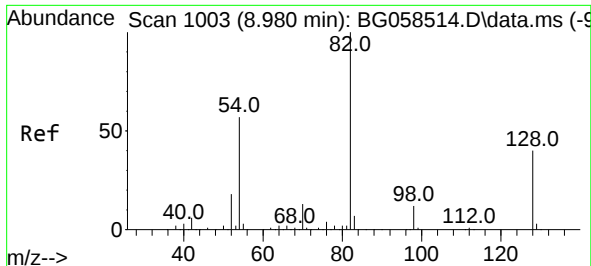


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47



Tgt Ion: 136 Resp: 177439
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.4 8.9 13.3
68 7.5 5.6 8.4





#23

Nitrobenzene-d5

Concen: 40.574 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058711.D

Acq: 11 Aug 2023 20:47

Instrument :

BNA_G

ClientSampleId :

B-PP02B

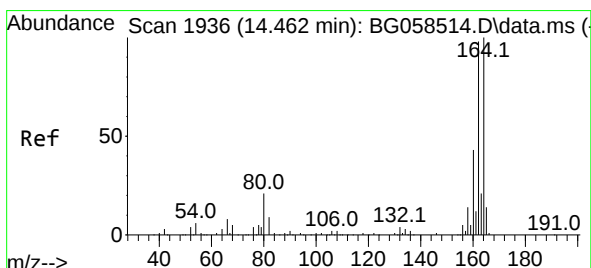
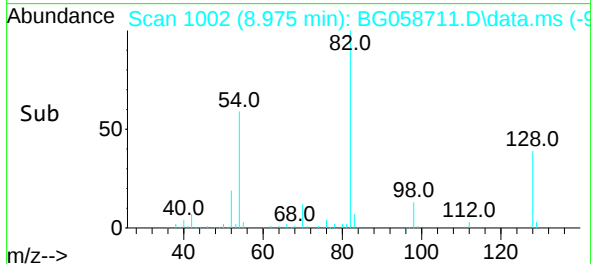
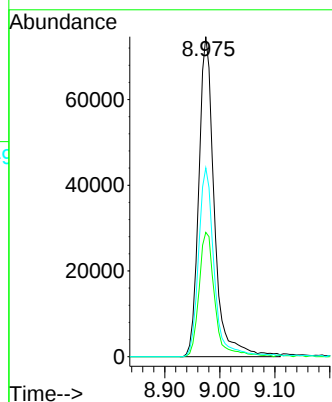
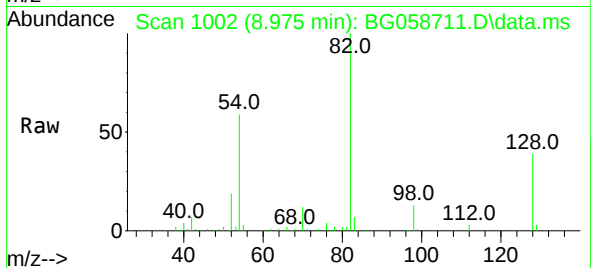
Tgt Ion: 82 Resp: 146552

Ion Ratio Lower Upper

82 100

128 38.9 32.2 48.2

54 59.0 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.456 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BG058711.D

Acq: 11 Aug 2023 20:47

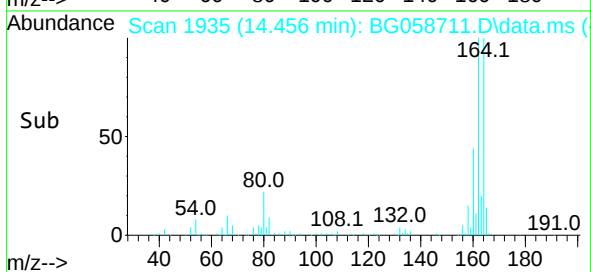
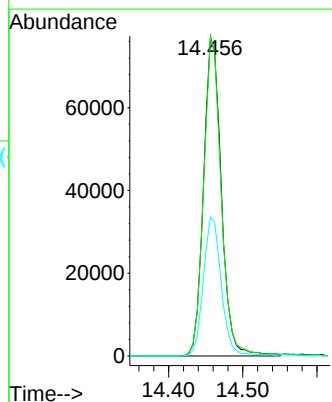
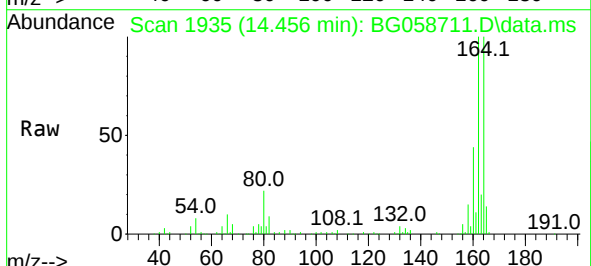
Tgt Ion:164 Resp: 128166

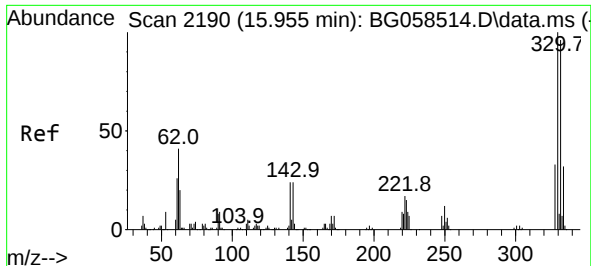
Ion Ratio Lower Upper

164 100

162 100.2 78.3 117.5

160 43.6 34.1 51.1

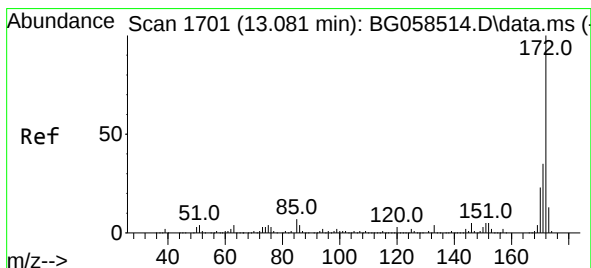
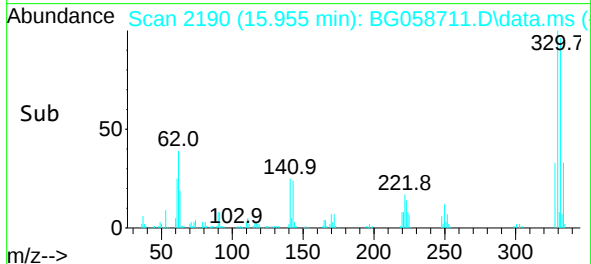
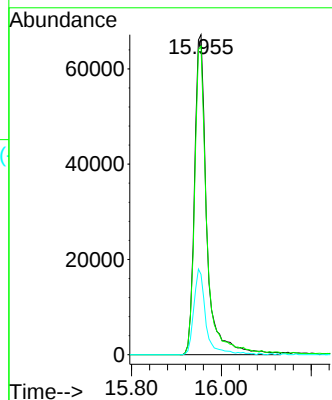
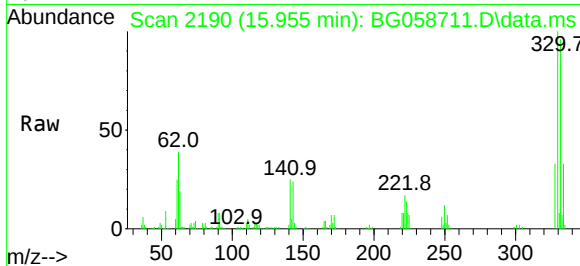




#42
 2,4,6-Tribromophenol
 Concen: 60.824 ng
 RT: 15.955 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG058711.D
 Acq: 11 Aug 2023 20:47

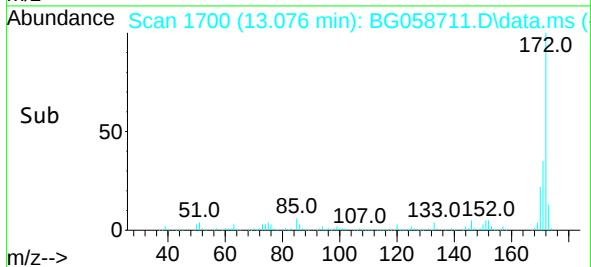
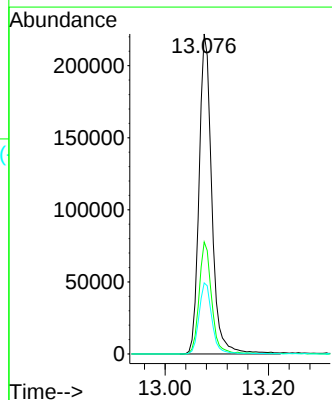
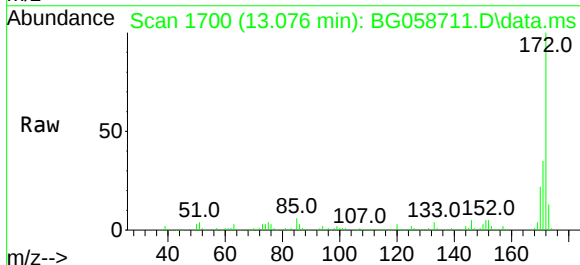
Instrument :
 BNA_G
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 B-PP02B

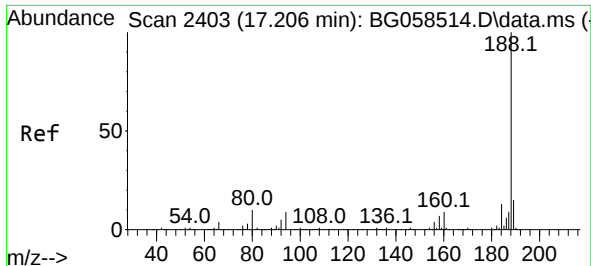
Tgt Ion:330 Resp: 127775
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.5 116.3
 141 25.7 20.7 31.1



#45
 2-Fluorobiphenyl
 Concen: 44.272 ng
 RT: 13.076 min Scan# 1700
 Delta R.T. -0.006 min
 Lab File: BG058711.D
 Acq: 11 Aug 2023 20:47

Tgt Ion:172 Resp: 378632
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.0 42.0
 170 22.2 18.4 27.6

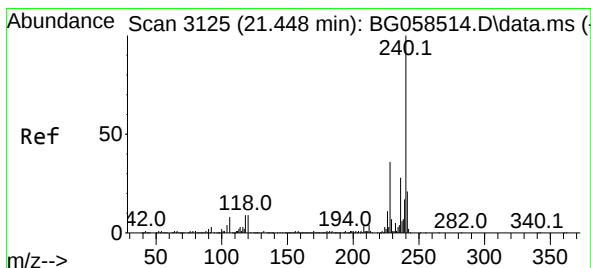
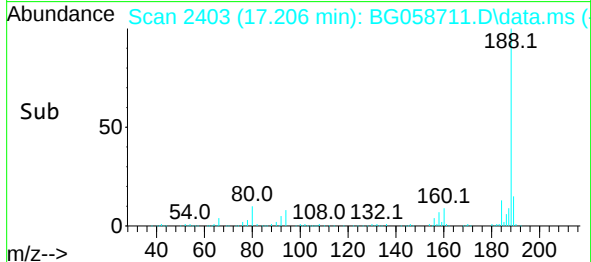
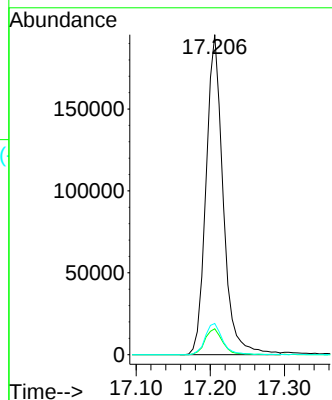
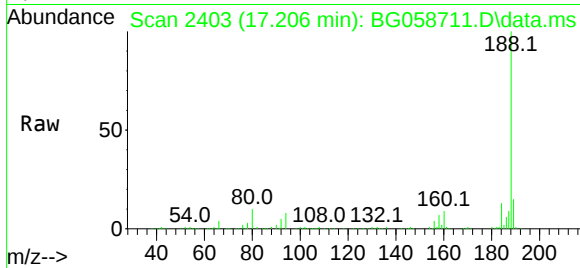




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

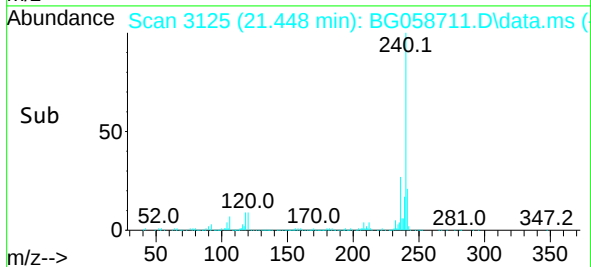
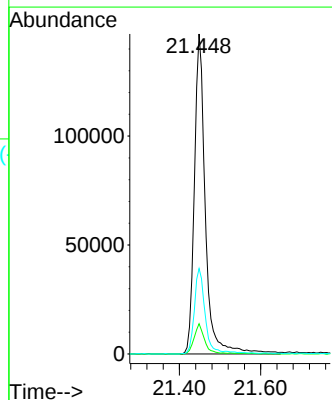
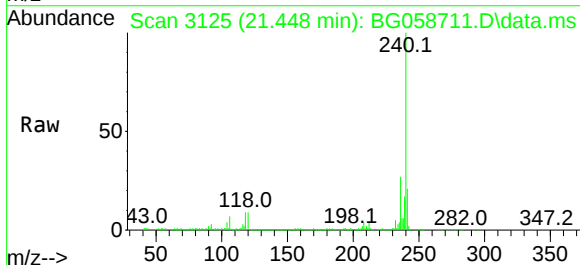
Instrument :
BNA_G
ClientSampleId :
B-PP02B

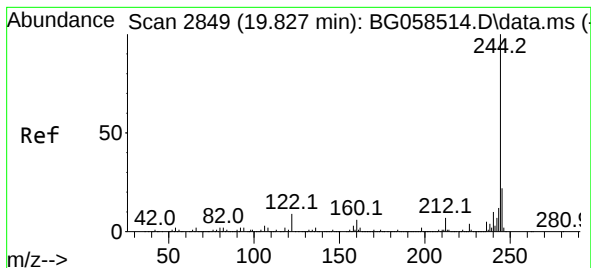
Tgt Ion:188 Resp: 313686
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

Tgt Ion:240 Resp: 278082
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.7 22.2 33.4





#79

Terphenyl-d14

Concen: 46.508 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058711.D

Acq: 11 Aug 2023 20:47

Instrument :

BNA_G

ClientSampleId :

B-PP02B

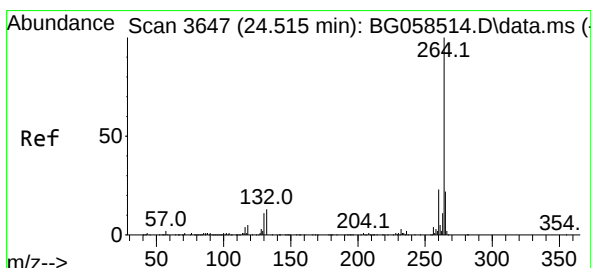
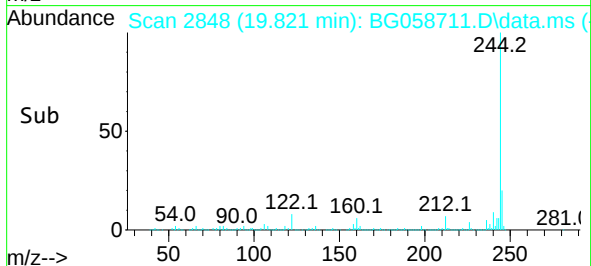
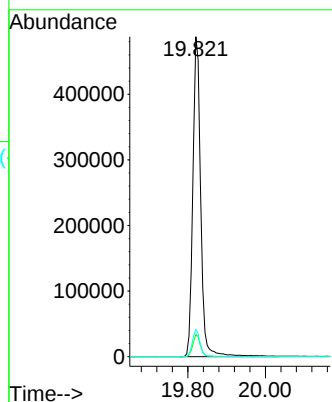
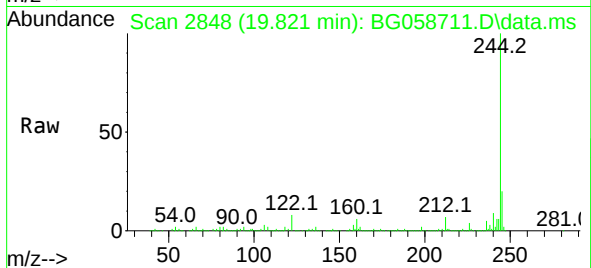
Tgt Ion:244 Resp: 687736

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.4 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.527 min Scan# 3649

Delta R.T. 0.012 min

Lab File: BG058711.D

Acq: 11 Aug 2023 20:47

Tgt Ion:264 Resp: 308614

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 22.1 17.9 26.9

