

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057706.D
 Acq On : 14 Jun 2023 13:43
 Operator : CG/JU
 Sample : 03166-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-6-12-23

Quant Time: Jun 15 01:21:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

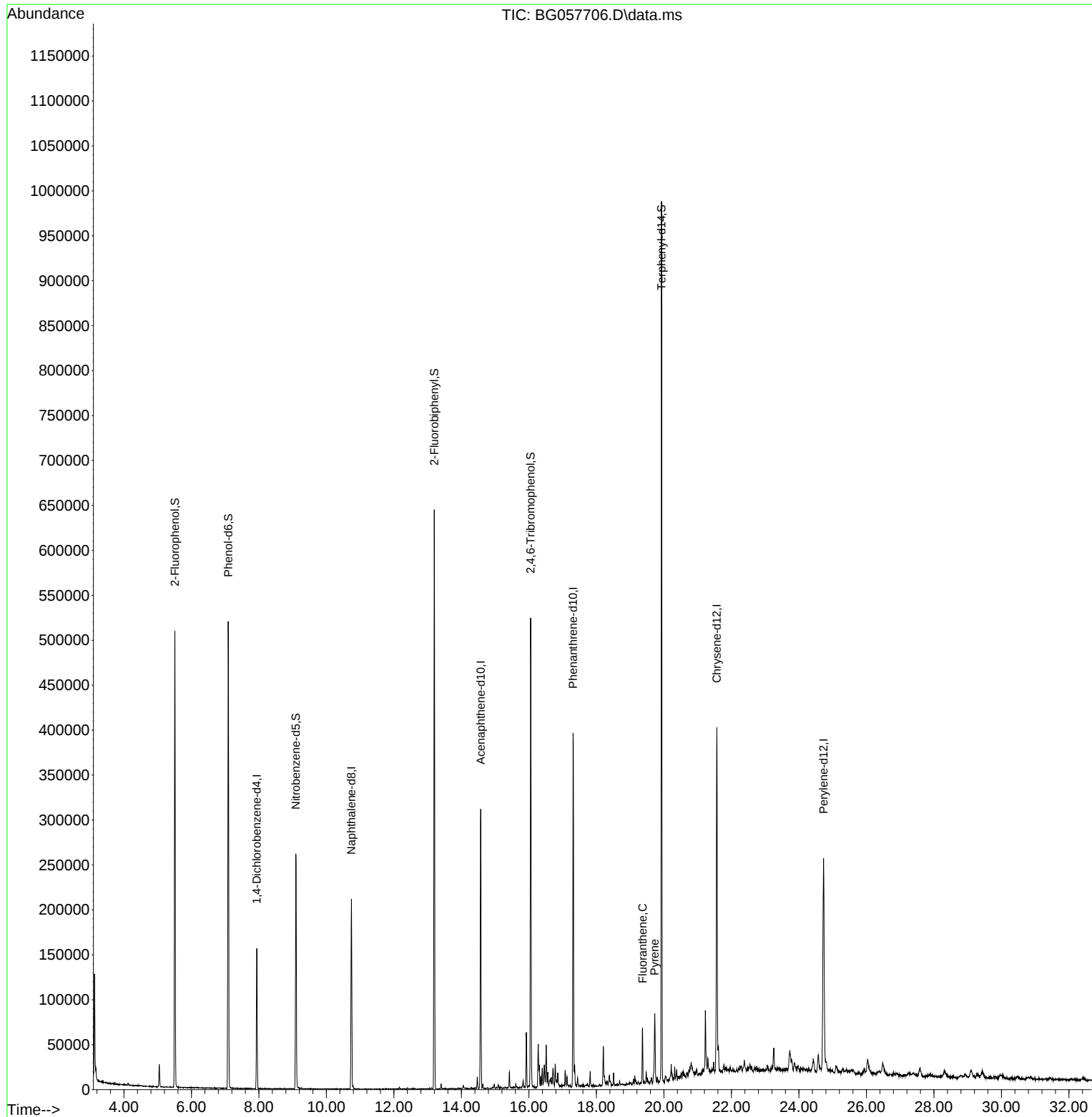
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	39949	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	170446	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	109609	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	251242	20.000	ng	0.00
76) Chrysene-d12	21.568	240	207578	20.000	ng	0.00
86) Perylene-d12	24.729	264	245695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	204491	83.349	ng	0.00
7) Phenol-d6	7.091	99	283573	75.237	ng	0.00
23) Nitrobenzene-d5	9.095	82	143237	57.779	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	96909	79.248	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	331243	45.047	ng	0.00
79) Terphenyl-d14	19.929	244	473395	42.164	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.365	202	35080	2.375	ng	97
78) Pyrene	19.723	202	35236	2.386	ng	100

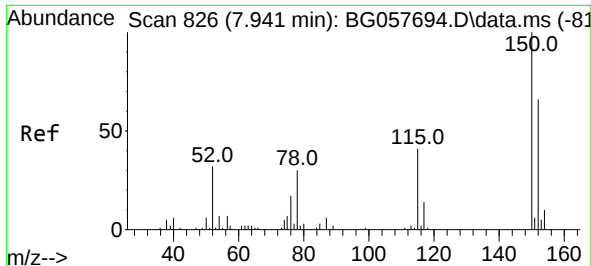
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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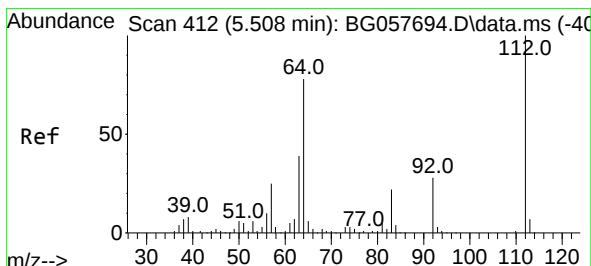
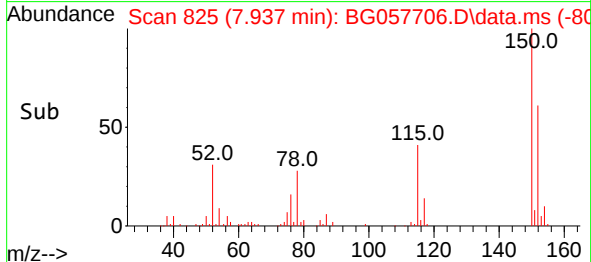
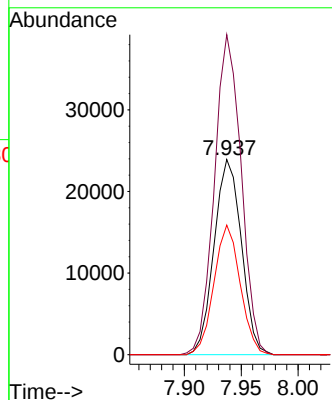
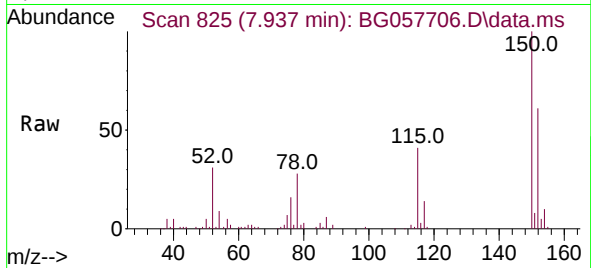




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

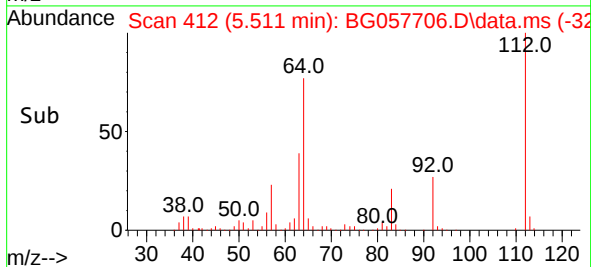
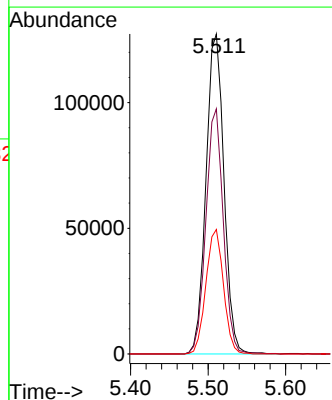
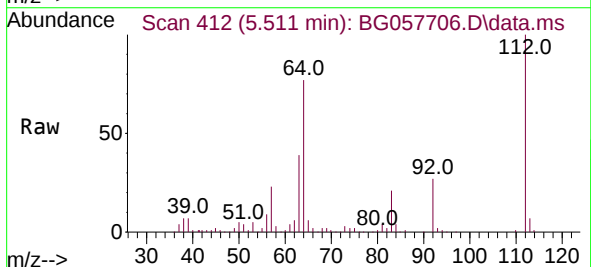
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

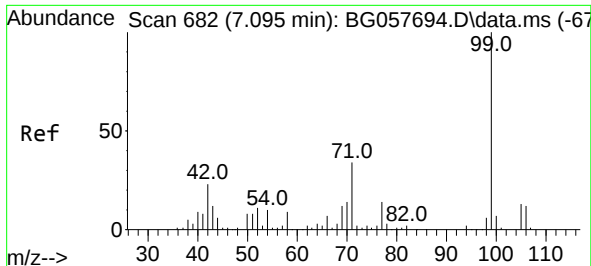
Tgt Ion:152 Resp: 39949
Ion Ratio Lower Upper
152 100
150 163.9 120.8 181.2
115 66.4 49.4 74.2



#5
2-Fluorophenol
Concen: 83.349 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion:112 Resp: 204491
Ion Ratio Lower Upper
112 100
64 76.6 62.3 93.5
63 38.9 31.5 47.3

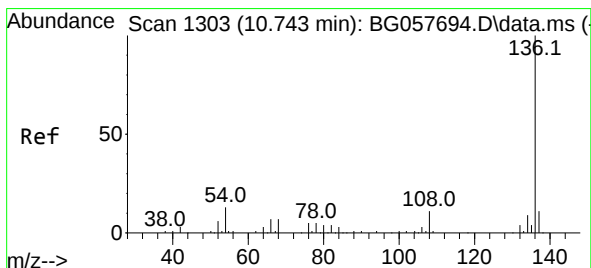
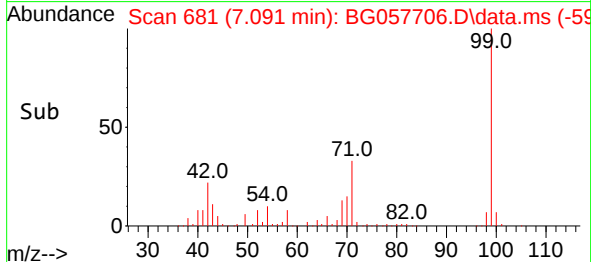
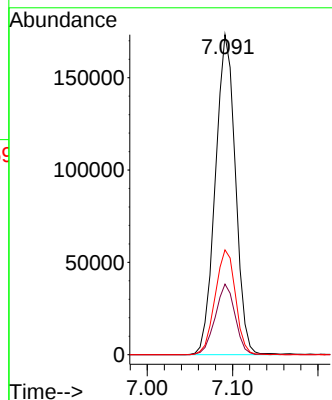
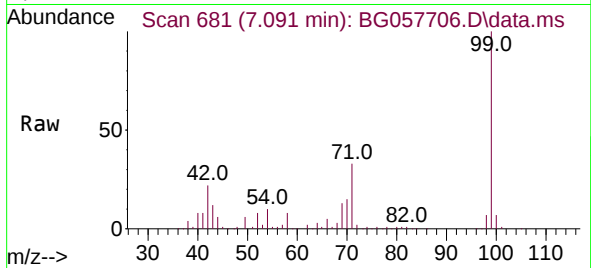




#7
Phenol-d6
Concen: 75.237 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

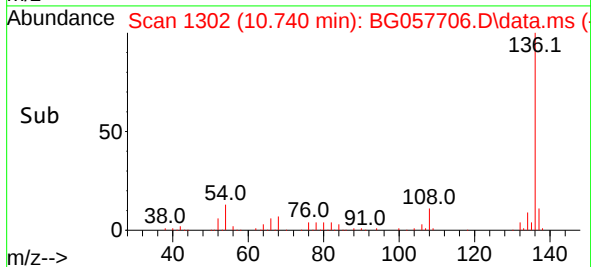
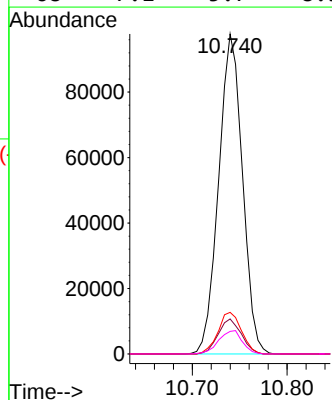
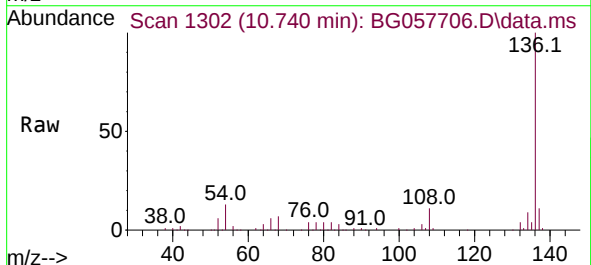
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

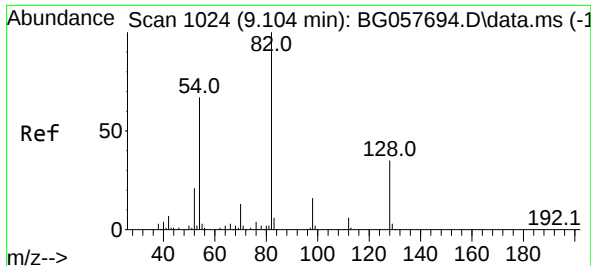
Tgt Ion: 99 Resp: 283573
Ion Ratio Lower Upper
99 100
42 22.0 18.3 27.5
71 32.8 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion: 136 Resp: 170446
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 13.0 10.8 16.2
68 7.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 57.779 ng

RT: 9.095 min Scan# 1022

Delta R.T. -0.009 min

Lab File: BG057706.D

Acq: 14 Jun 2023 13:43

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-6-12-23

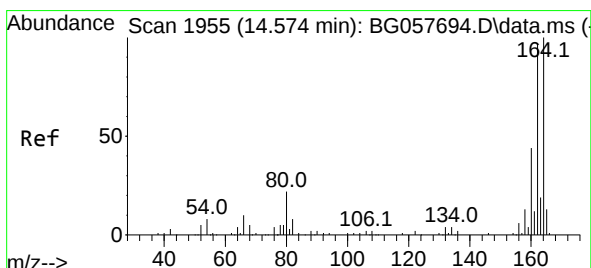
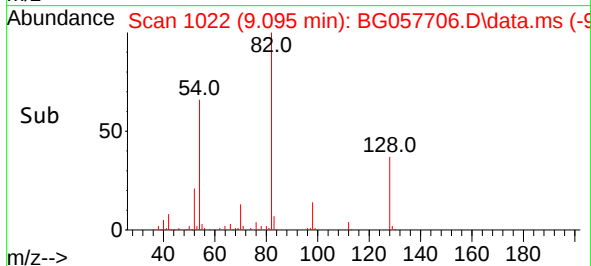
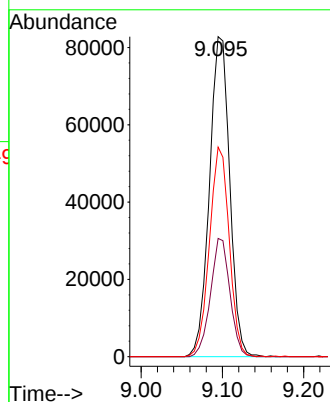
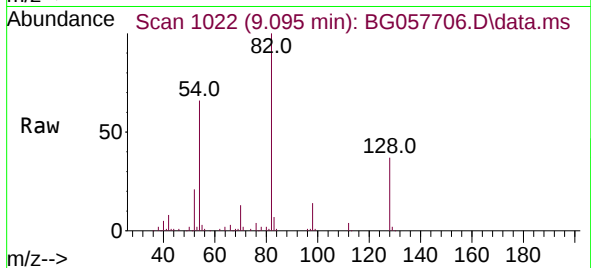
Tgt Ion: 82 Resp: 143237

Ion Ratio Lower Upper

82 100

128 37.0 27.7 41.5

54 65.5 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG057706.D

Acq: 14 Jun 2023 13:43

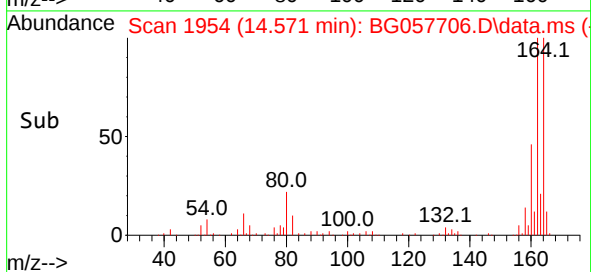
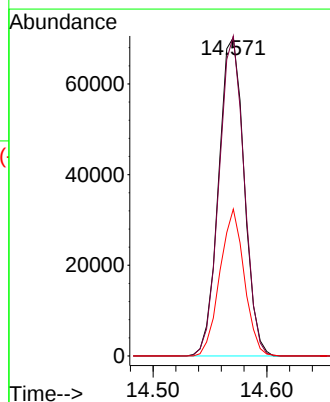
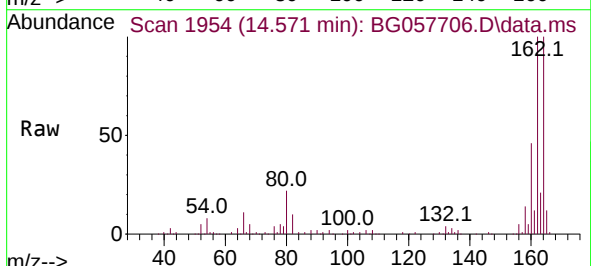
Tgt Ion:164 Resp: 109609

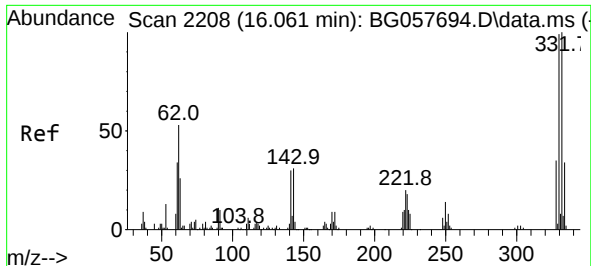
Ion Ratio Lower Upper

164 100

162 100.5 77.7 116.5

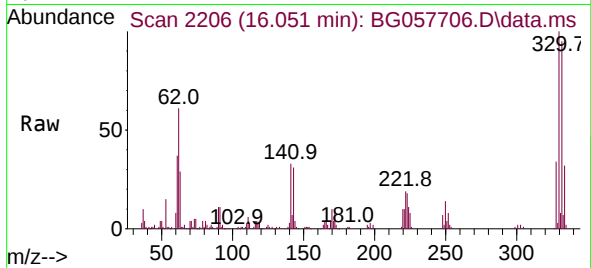
160 46.2 35.1 52.7



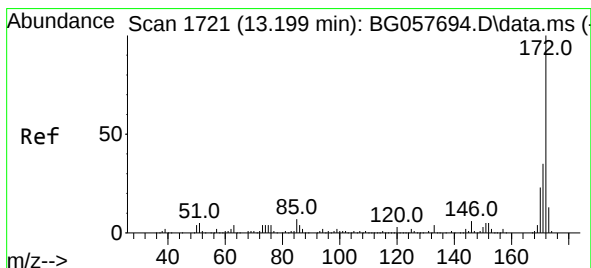
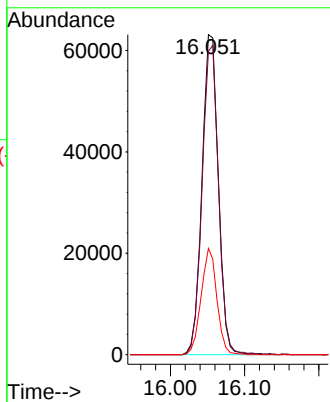
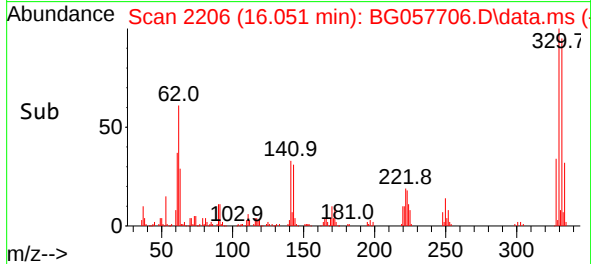


#42
2,4,6-Tribromophenol
Concen: 79.248 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

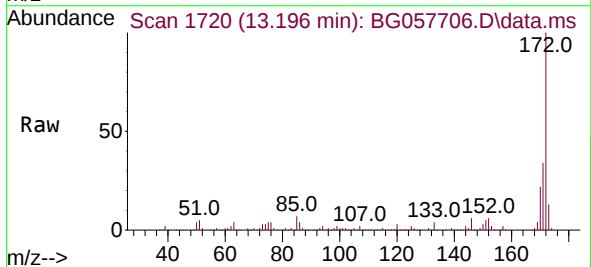
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23



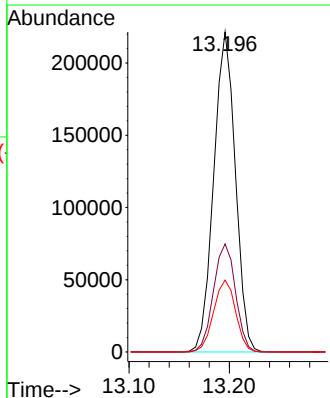
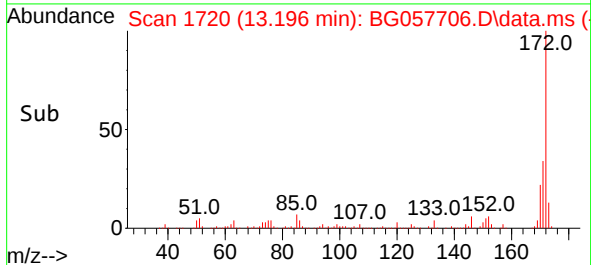
Tgt Ion:330 Resp: 96909
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.6
141 31.9 25.0 37.6

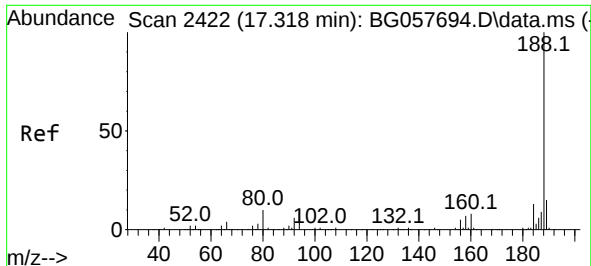


#45
2-Fluorobiphenyl
Concen: 45.047 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43



Tgt Ion:172 Resp: 331243
Ion Ratio Lower Upper
172 100
171 33.8 27.9 41.9
170 22.5 18.2 27.4

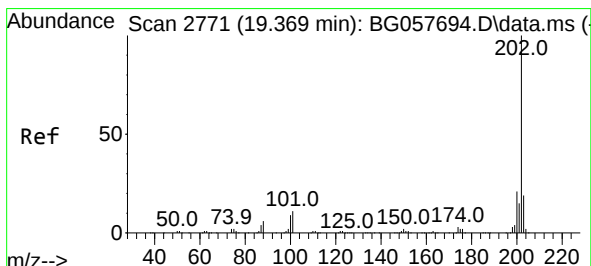
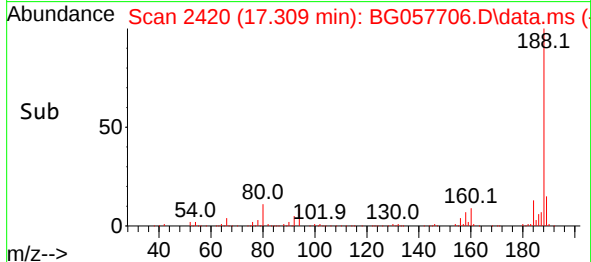
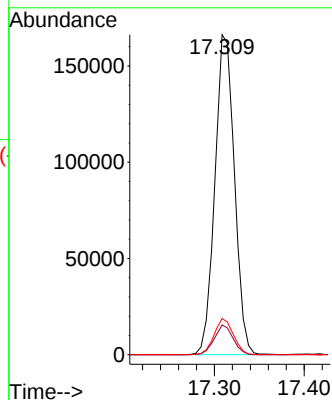
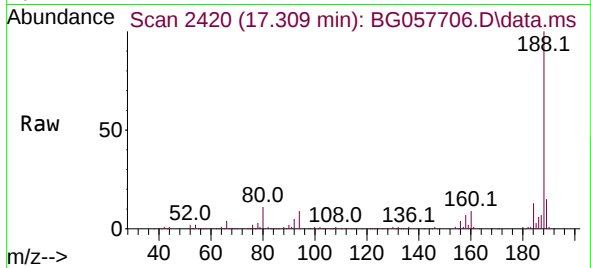




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

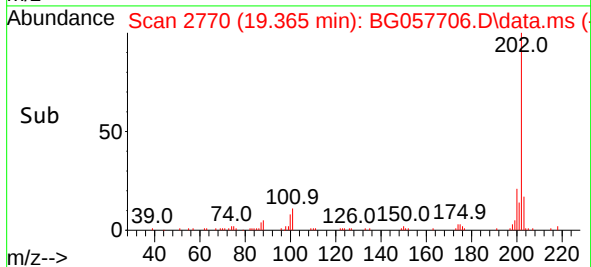
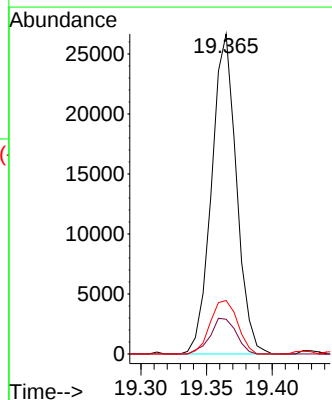
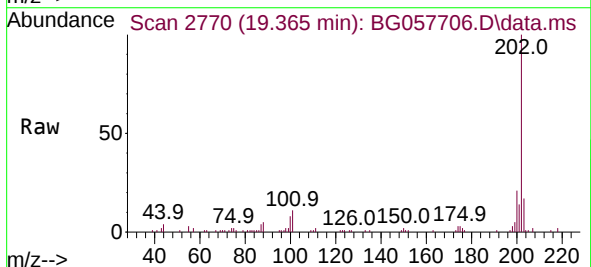
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

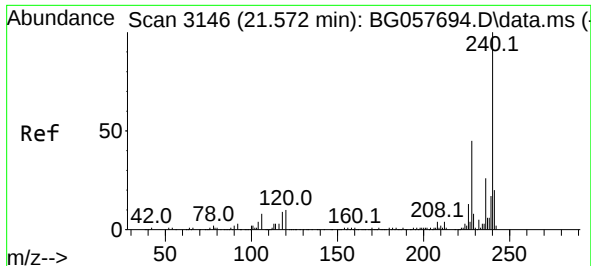
Tgt Ion:188 Resp: 251242
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 11.3 8.2 12.4



#75
Fluoranthene
Concen: 2.375 ng
RT: 19.365 min Scan# 2770
Delta R.T. -0.004 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion:202 Resp: 35080
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.1
203 16.7 0.0 38.5

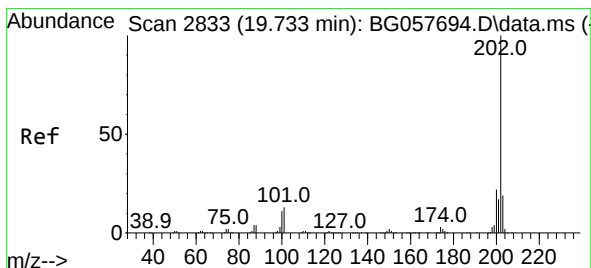
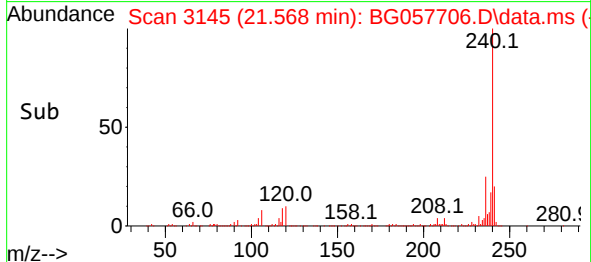
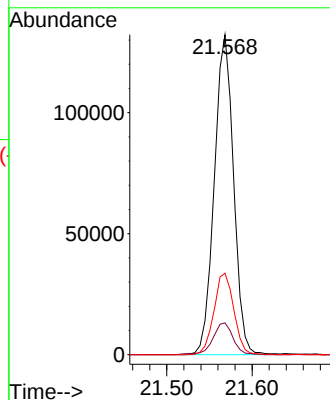
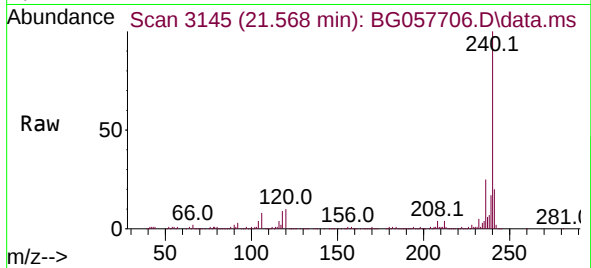




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

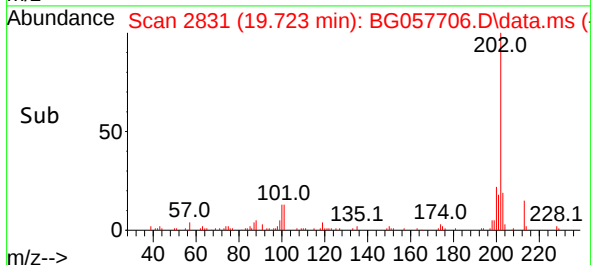
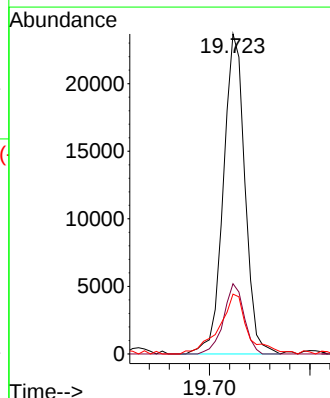
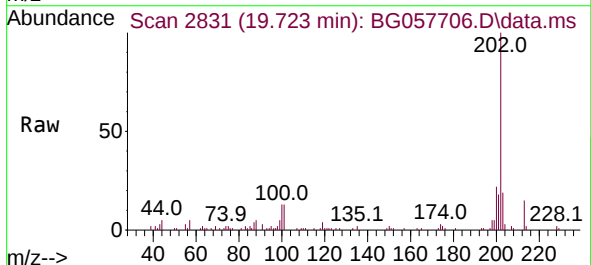
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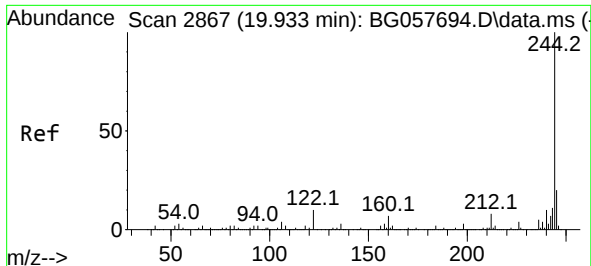
Tgt Ion:240 Resp: 207578
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 25.4 20.7 31.1



#78
Pyrene
Concen: 2.386 ng
RT: 19.723 min Scan# 2831
Delta R.T. -0.010 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion:202 Resp: 35236
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.0
203 18.7 14.9 22.3

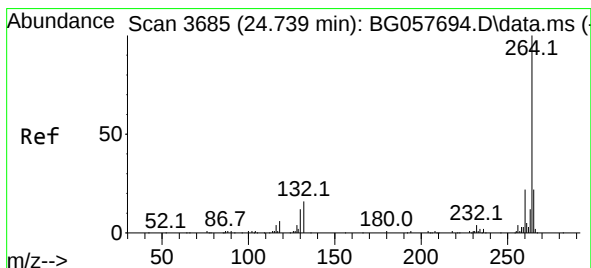
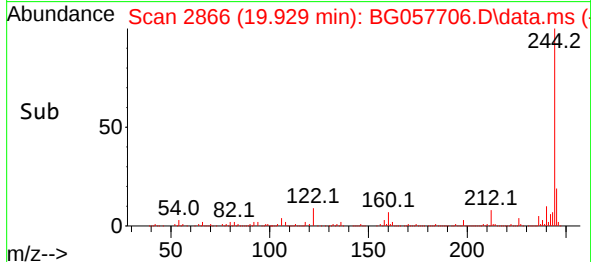
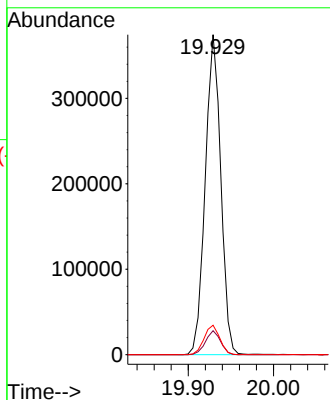
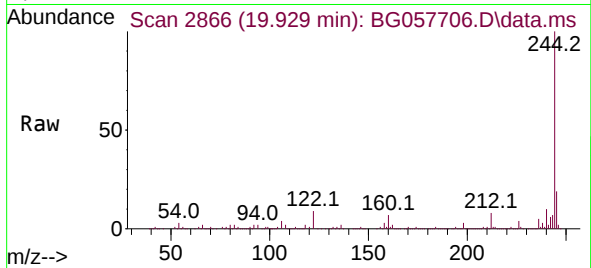




#79
 Terphenyl-d14
 Concen: 42.164 ng
 RT: 19.929 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057706.D
 Acq: 14 Jun 2023 13:43

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-6-12-23

Tgt Ion:244 Resp: 473395
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.729 min Scan# 3683
 Delta R.T. -0.009 min
 Lab File: BG057706.D
 Acq: 14 Jun 2023 13:43

Tgt Ion:264 Resp: 245695
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.3 25.9
 265 21.4 17.5 26.3

