

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057820.D
 Acq On : 22 Jun 2023 23:03
 Operator : CG/JU
 Sample : 03320-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-19

Quant Time: Jun 23 03:47:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	39025	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	166501	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	116482	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	293340	20.000	ng	-0.01
76) Chrysene-d12	21.548	240	270840	20.000	ng	-0.01
86) Perylene-d12	24.697	264	327395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	358459	141.630	ng	0.00
7) Phenol-d6	7.082	99	486101	125.872	ng	0.00
23) Nitrobenzene-d5	9.080	82	309736	95.475	ng	-0.01
42) 2,4,6-Tribromophenol	16.042	330	246337	151.818	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	693200	90.263	ng	0.00
79) Terphenyl-d14	19.914	244	1367381	94.141	ng	0.00

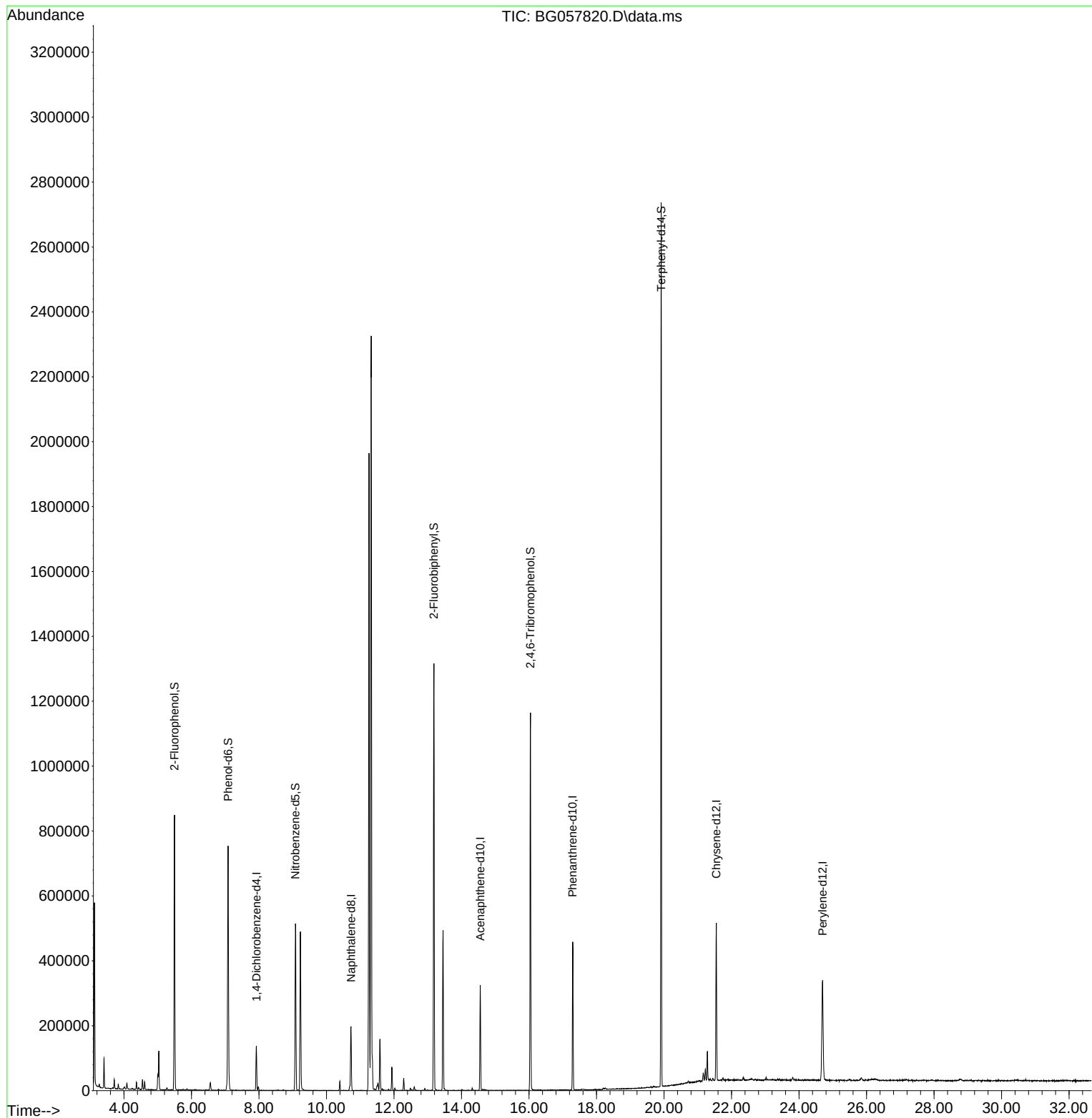
Target Compounds	Qvalue

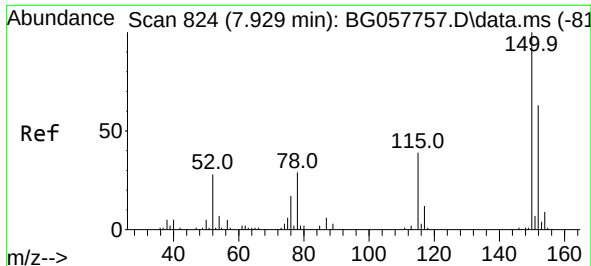
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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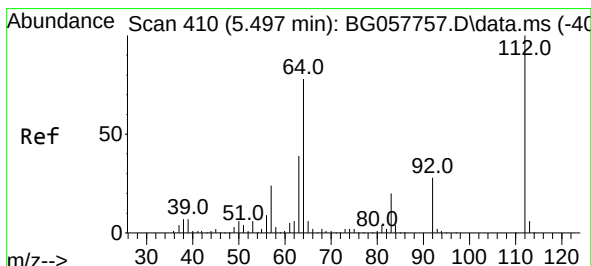
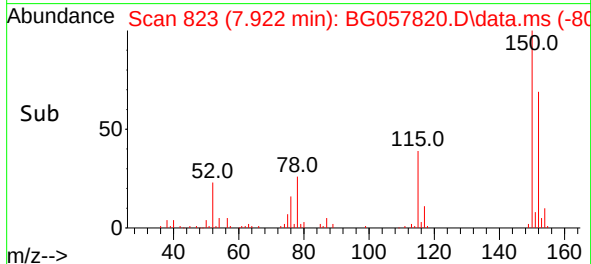
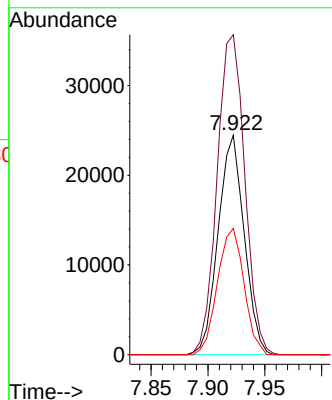
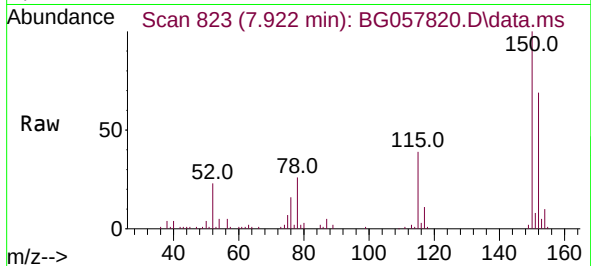




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057820.D
Acq: 22 Jun 2023 23:03

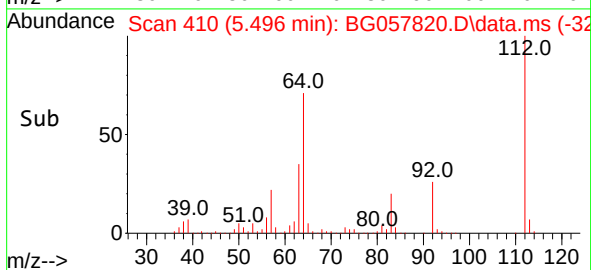
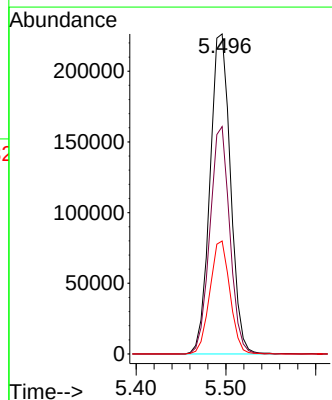
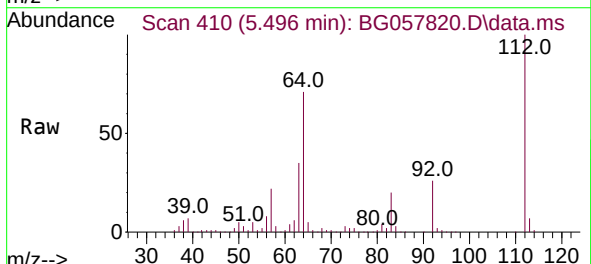
Instrument :
BNA_G
ClientSampleId :
WC-19

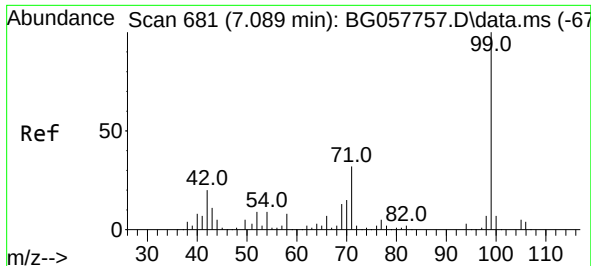
Tgt Ion:152 Resp: 39025
Ion Ratio Lower Upper
152 100
150 145.8 126.6 189.8
115 57.5 48.9 73.3



#5
2-Fluorophenol
Concen: 141.630 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.001 min
Lab File: BG057820.D
Acq: 22 Jun 2023 23:03

Tgt Ion:112 Resp: 358459
Ion Ratio Lower Upper
112 100
64 71.1 62.1 93.1
63 35.3 31.5 47.3

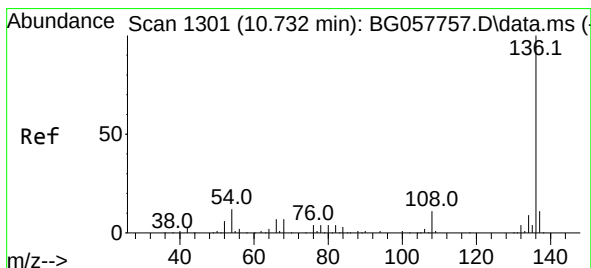
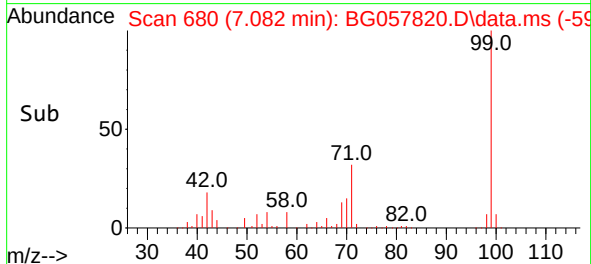
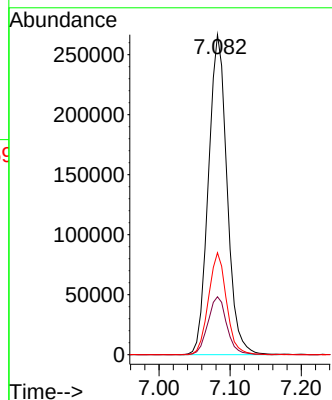
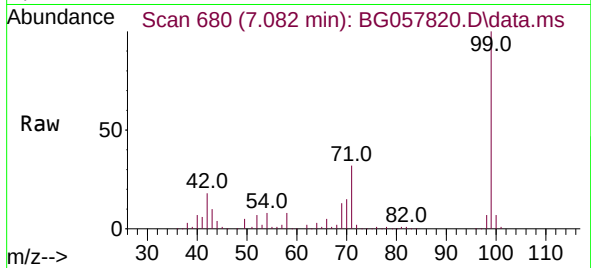




#7
Phenol-d6
Concen: 125.872 ng
RT: 7.082 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057820.D
Acq: 22 Jun 2023 23:03

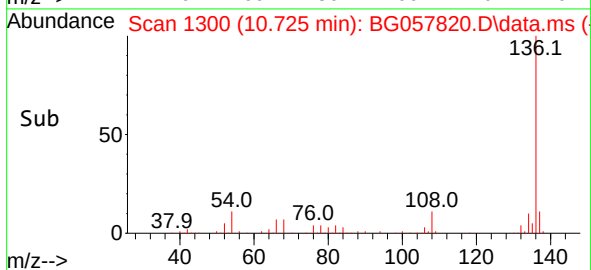
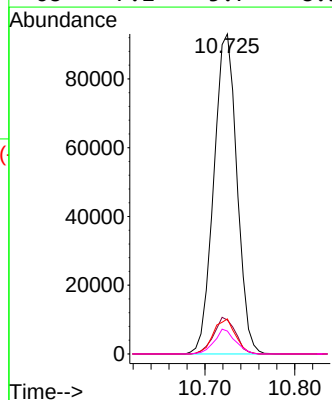
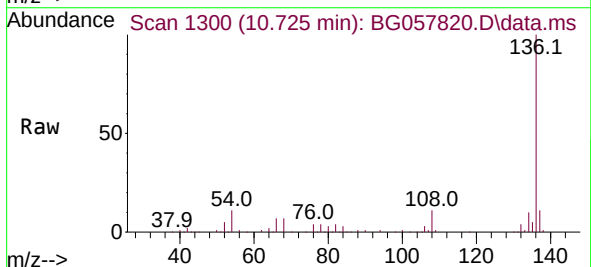
Instrument :
BNA_G
ClientSampleId :
WC-19

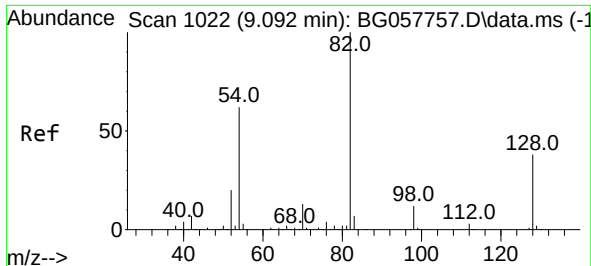
Tgt Ion: 99 Resp: 486101
Ion Ratio Lower Upper
99 100
42 18.1 16.4 24.6
71 31.8 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.007 min
Lab File: BG057820.D
Acq: 22 Jun 2023 23:03

Tgt Ion: 136 Resp: 166501
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 11.0 9.5 14.3
68 7.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 95.475 ng

RT: 9.080 min Scan# 1020

Delta R.T. -0.013 min

Lab File: BG057820.D

Acq: 22 Jun 2023 23:03

Instrument :

BNA_G

ClientSampleId :

WC-19

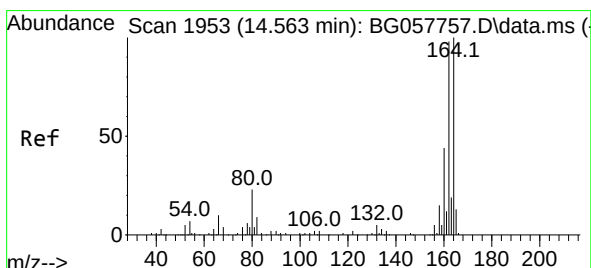
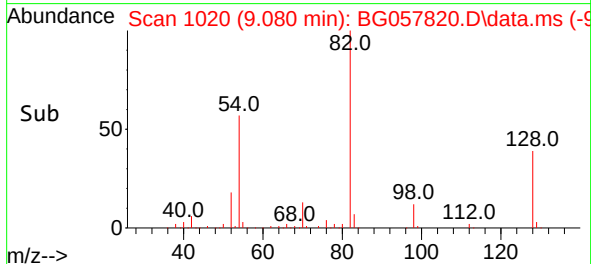
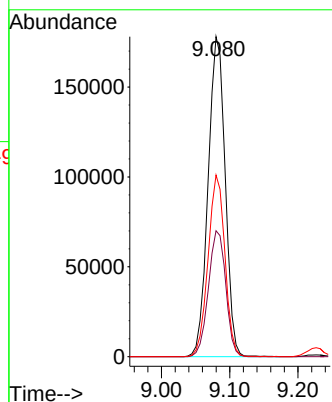
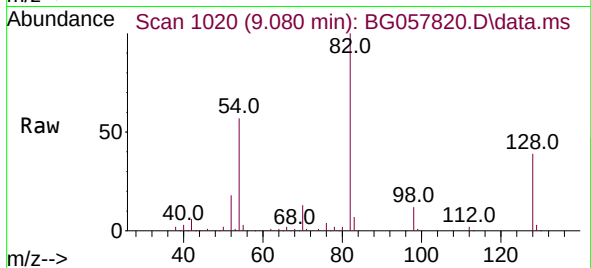
Tgt Ion: 82 Resp: 309736

Ion Ratio Lower Upper

82 100

128 39.3 30.7 46.1

54 56.7 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.007 min

Lab File: BG057820.D

Acq: 22 Jun 2023 23:03

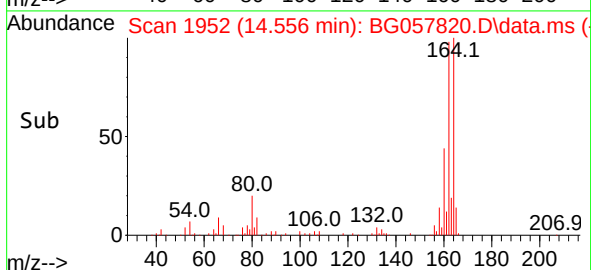
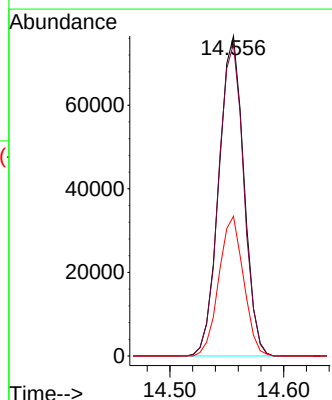
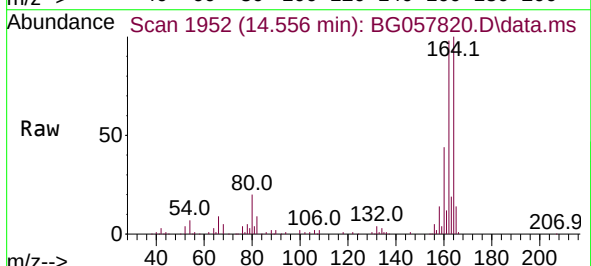
Tgt Ion:164 Resp: 116482

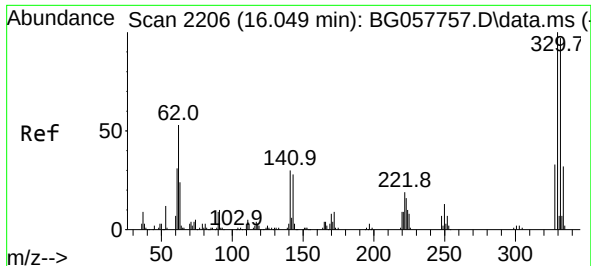
Ion Ratio Lower Upper

164 100

162 97.5 78.3 117.5

160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 151.818 ng

RT: 16.042 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057820.D

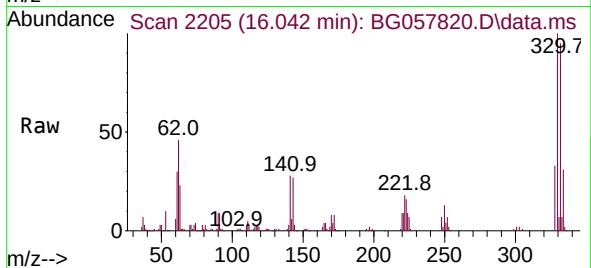
Acq: 22 Jun 2023 23:03

Instrument :

BNA_G

ClientSampleId :

WC-19



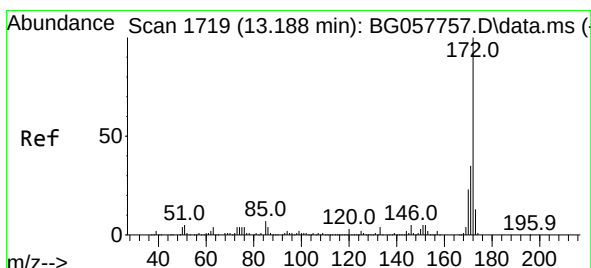
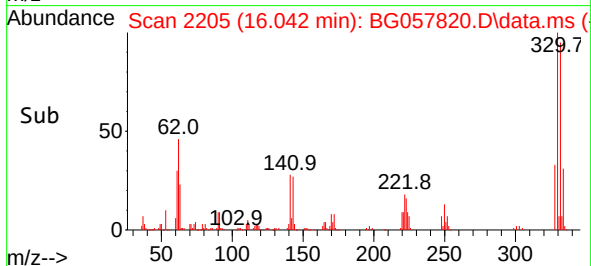
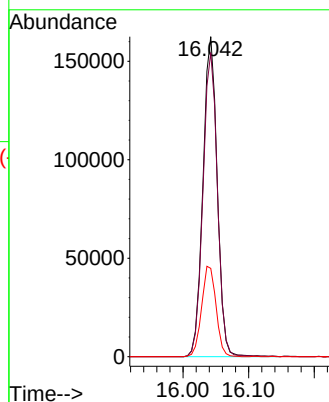
Tgt Ion:330 Resp: 246337

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 28.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 90.263 ng

RT: 13.181 min Scan# 1718

Delta R.T. -0.007 min

Lab File: BG057820.D

Acq: 22 Jun 2023 23:03

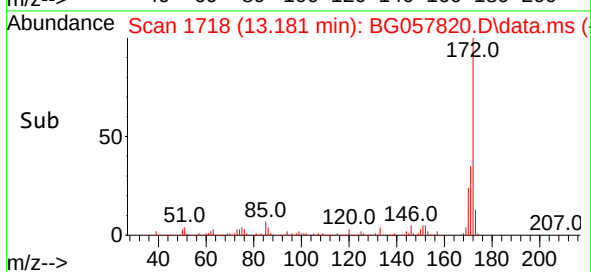
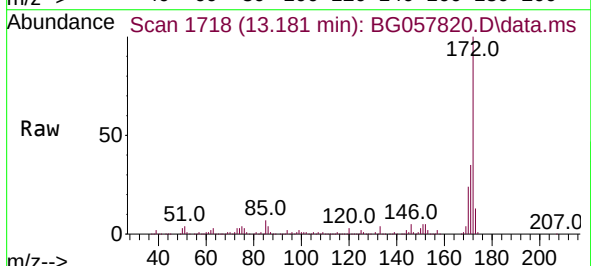
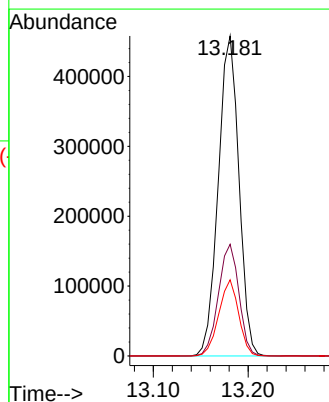
Tgt Ion:172 Resp: 693200

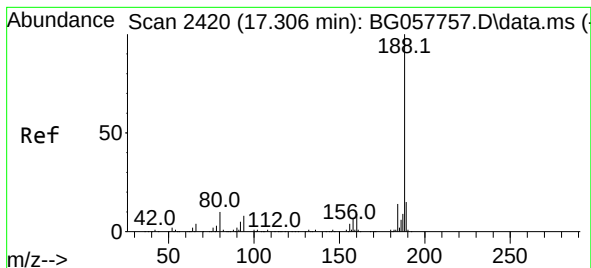
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.294 min Scan# 2418

Delta R.T. -0.013 min

Lab File: BG057820.D

Acq: 22 Jun 2023 23:03

Instrument :

BNA_G

ClientSampleId :

WC-19

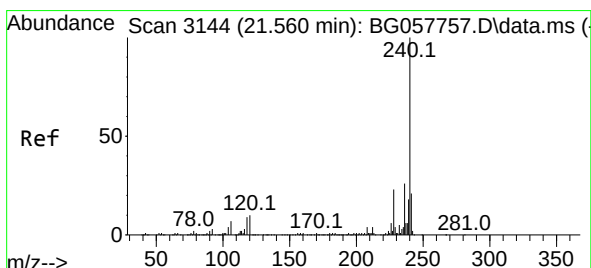
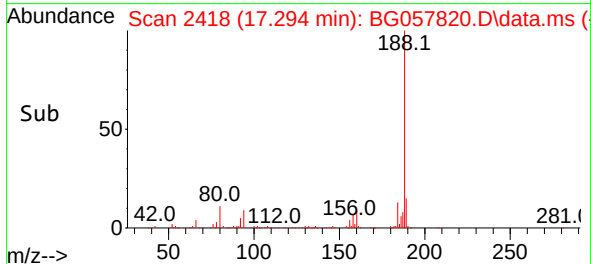
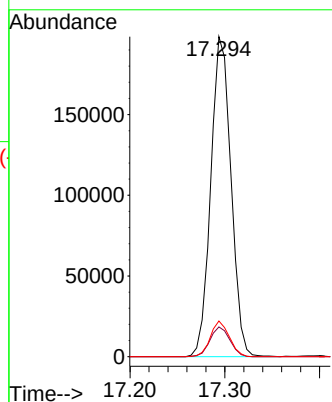
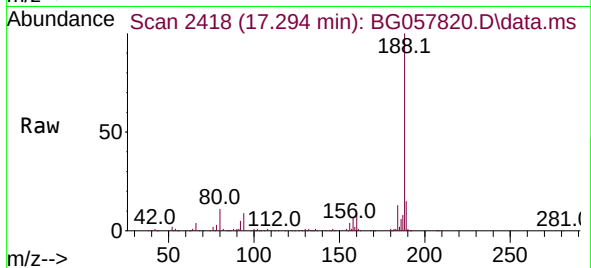
Tgt Ion:188 Resp: 293340

Ion Ratio Lower Upper

188 100

94 9.3 6.6 9.8

80 11.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.548 min Scan# 3142

Delta R.T. -0.013 min

Lab File: BG057820.D

Acq: 22 Jun 2023 23:03

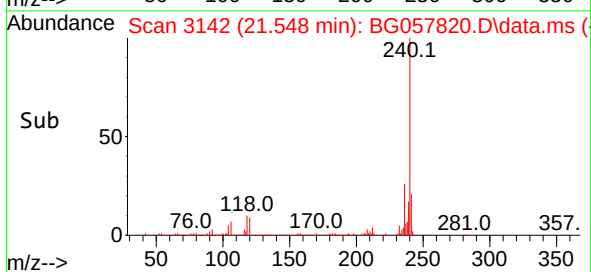
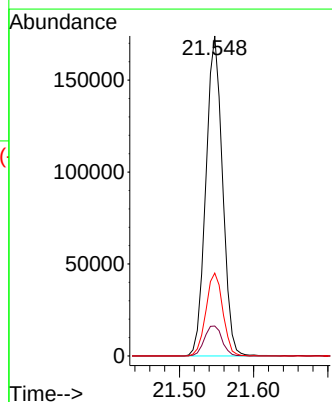
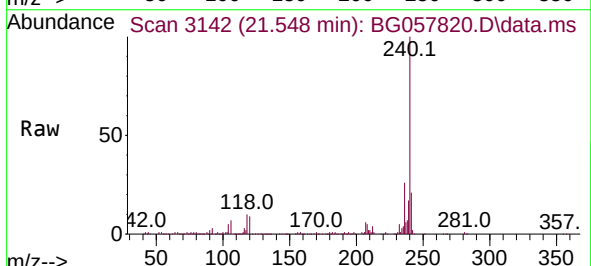
Tgt Ion:240 Resp: 270840

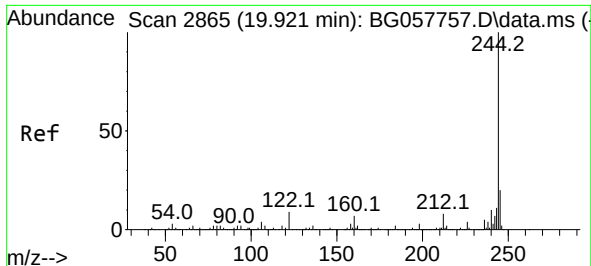
Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

236 25.9 20.6 30.8

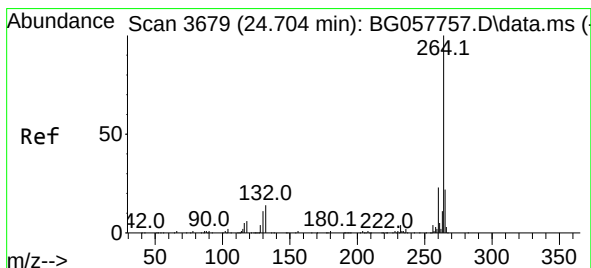
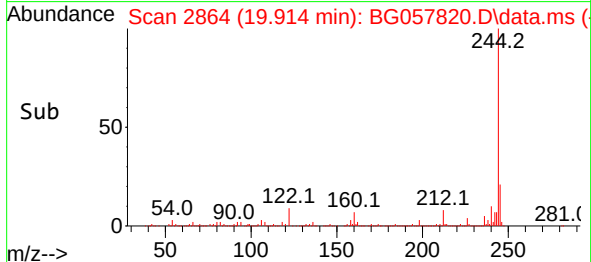
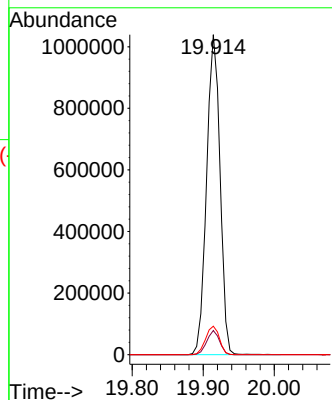
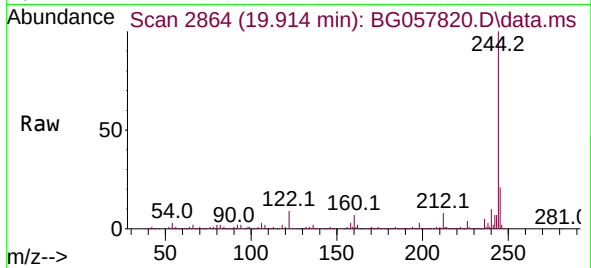




#79
 Terphenyl-d14
 Concen: 94.141 ng
 RT: 19.914 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057820.D
 Acq: 22 Jun 2023 23:03

Instrument :
 BNA_G
 ClientSampleId :
 WC-19

Tgt Ion:244 Resp: 1367381
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 8.9 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 3678
 Delta R.T. -0.007 min
 Lab File: BG057820.D
 Acq: 22 Jun 2023 23:03

Tgt Ion:264 Resp: 327395
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.2 17.4 26.2

