

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
 Data File : BG057189.D
 Acq On : 26 Apr 2023 12:40
 Operator : CG/JU
 Sample : 02423-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPD-2WC-23-04-18

Quant Time: Apr 27 03:05:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 03:02:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	13176	20.000	ng	0.00
21) Naphthalene-d8	11.216	136	51749	20.000	ng	0.00
39) Acenaphthene-d10	14.994	164	34376	20.000	ng	0.00
64) Phenanthrene-d10	17.731	188	90131	20.000	ng	0.00
76) Chrysene-d12	22.037	240	101760	20.000	ng	#-0.01
86) Perylene-d12	25.556	264	102253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	99119	136.324	ng	0.00
7) Phenol-d6	7.521	99	130641	124.184	ng	0.00
23) Nitrobenzene-d5	9.554	82	103557	98.929	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	72715	160.320	ng	0.00
45) 2-Fluorobiphenyl	13.619	172	222513	86.991	ng	0.00
79) Terphenyl-d14	20.298	244	480567	82.603	ng	0.00

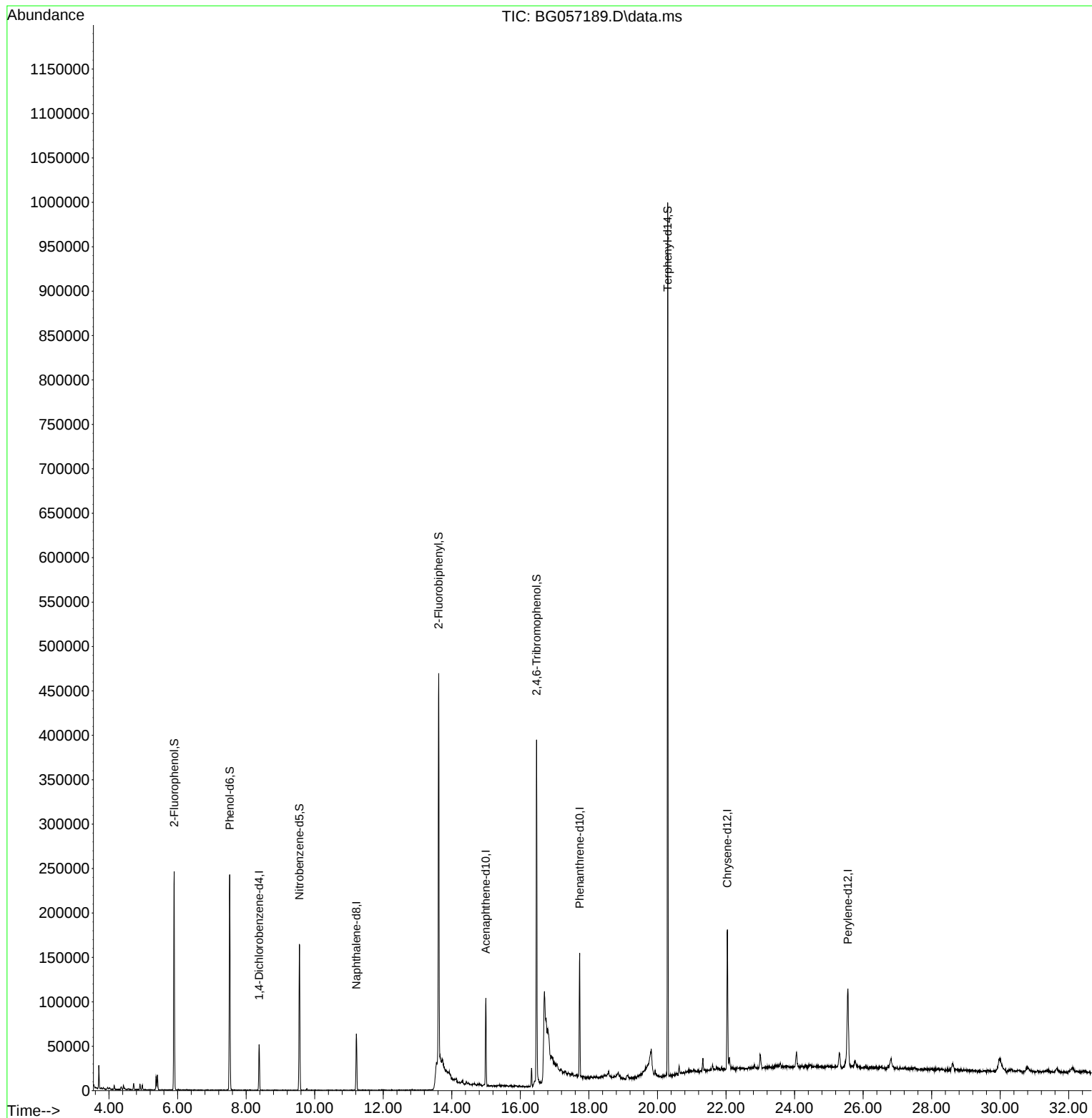
Target Compounds	Qvalue

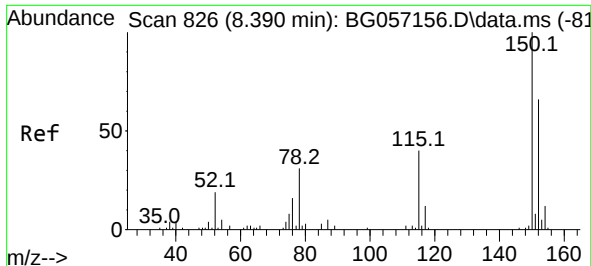
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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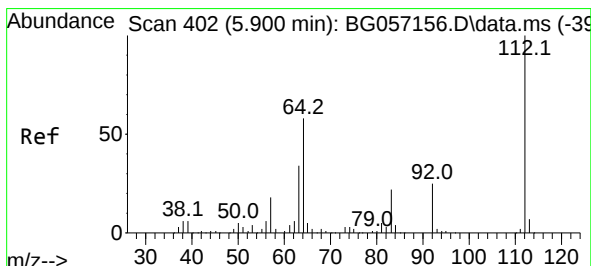
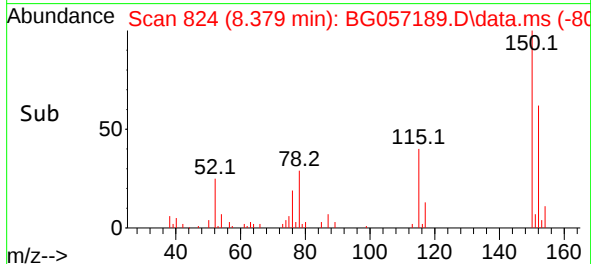
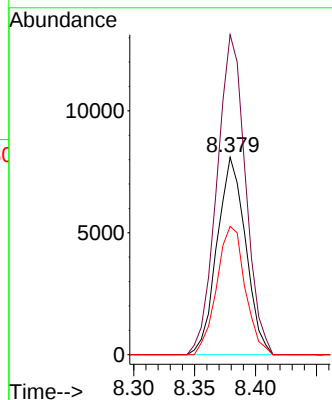
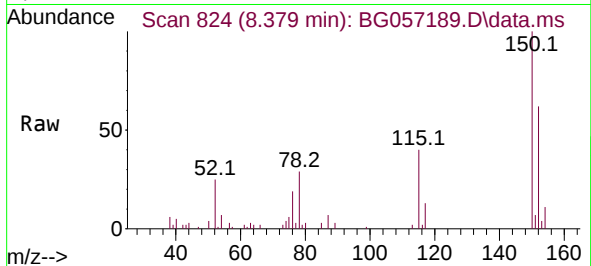




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.379 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

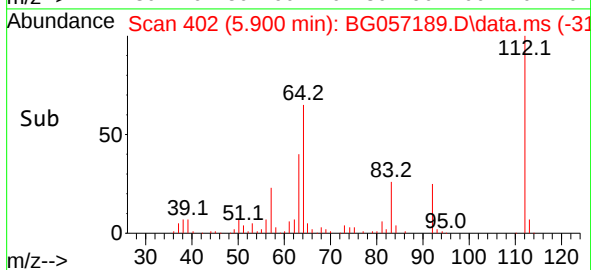
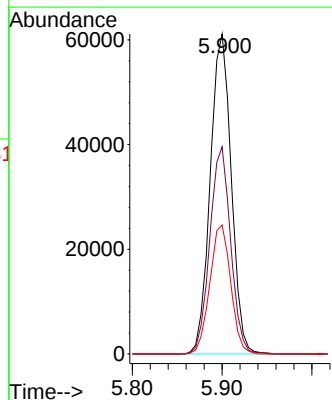
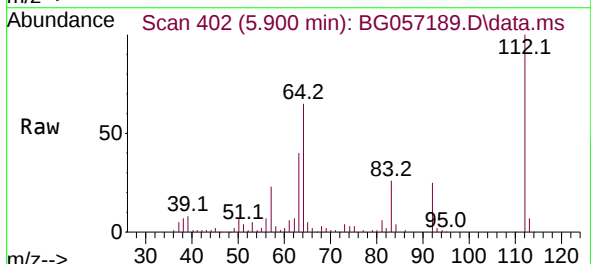
Instrument :
BNA_G
ClientSampleId :
SPD-2WC-23-04-18

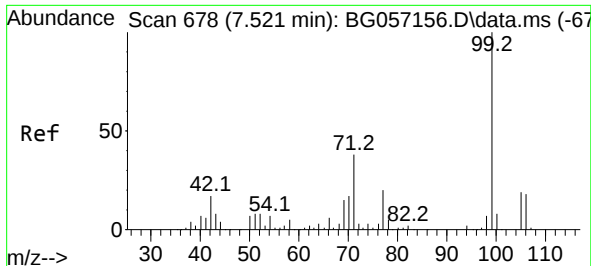
Tgt Ion:152 Resp: 13176
Ion Ratio Lower Upper
152 100
150 162.1 121.4 182.2
115 65.0 48.1 72.1



#5
2-Fluorophenol
Concen: 136.324 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.008 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Tgt Ion:112 Resp: 99119
Ion Ratio Lower Upper
112 100
64 64.7 46.7 70.1
63 40.3 26.9 40.3

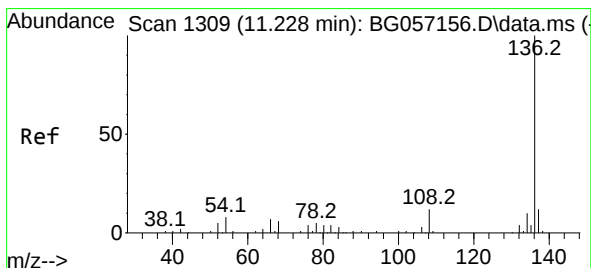
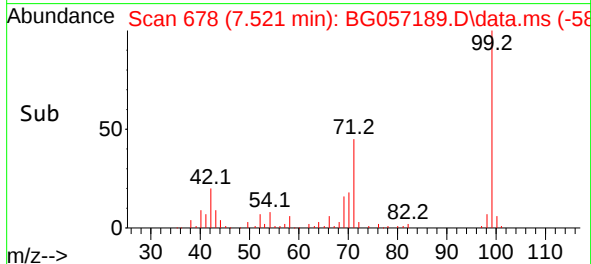
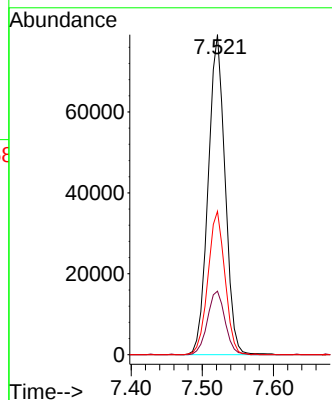
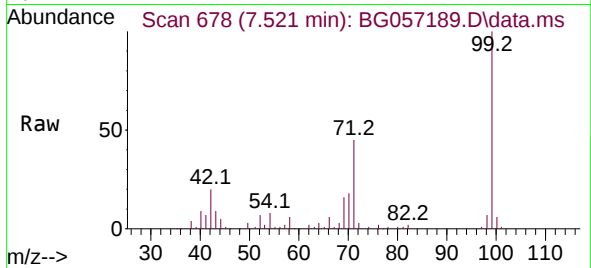




#7
Phenol-d6
Concen: 124.184 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

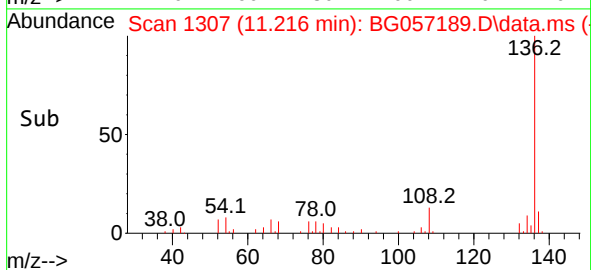
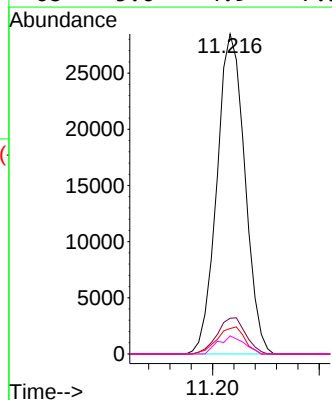
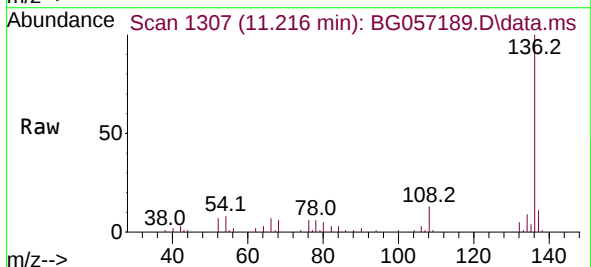
Instrument :
BNA_G
ClientSampleId :
SPD-2WC-23-04-18

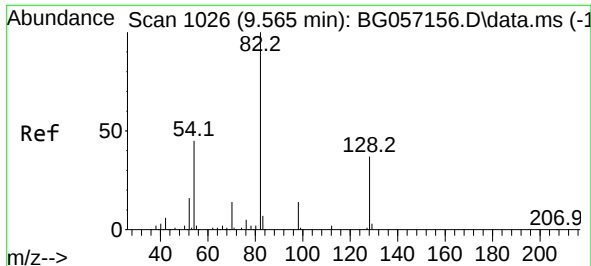
Tgt Ion: 99 Resp: 130641
Ion Ratio Lower Upper
99 100
42 19.8 13.4 20.0
71 44.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 1307
Delta R.T. -0.004 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Tgt Ion: 136 Resp: 51749
Ion Ratio Lower Upper
136 100
137 11.1 9.5 14.3
54 7.9 6.4 9.6
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 98.929 ng

RT: 9.554 min Scan# 1024

Delta R.T. -0.004 min

Lab File: BG057189.D

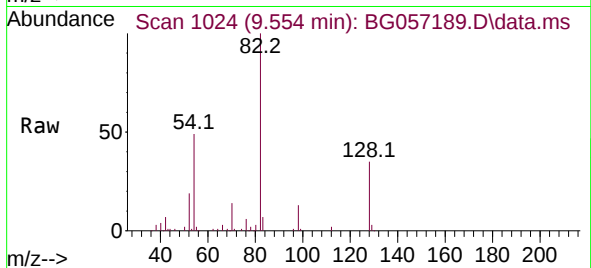
Acq: 26 Apr 2023 12:40

Instrument :

BNA_G

ClientSampleId :

SPD-2WC-23-04-18



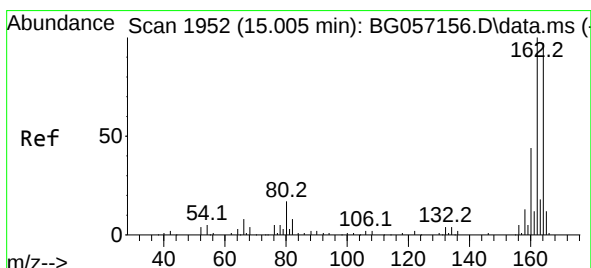
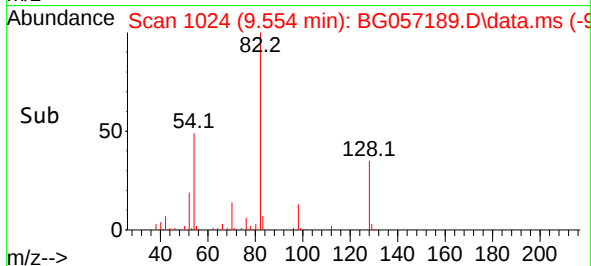
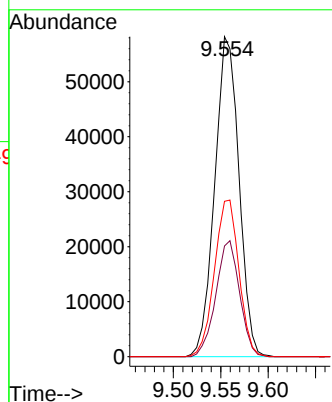
Tgt Ion: 82 Resp: 103557

Ion Ratio Lower Upper

82 100

128 34.6 29.4 44.2

54 48.5 36.2 54.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.994 min Scan# 1950

Delta R.T. 0.002 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

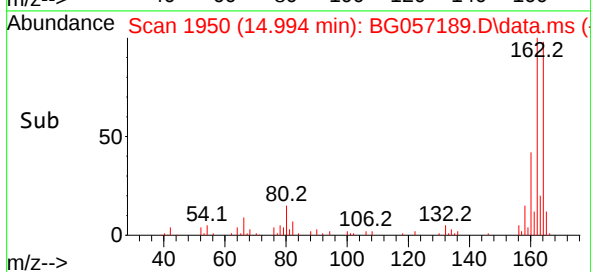
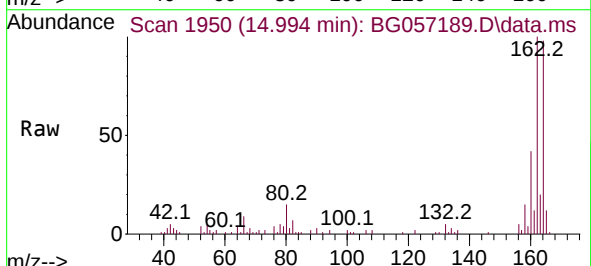
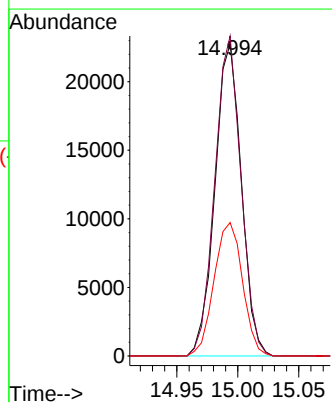
Tgt Ion: 164 Resp: 34376

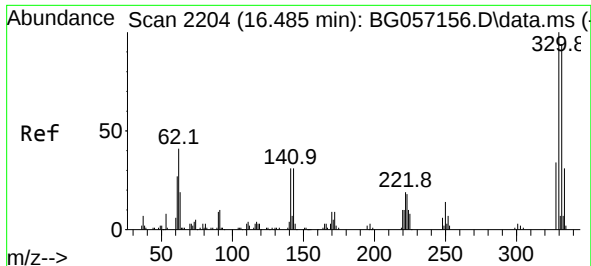
Ion Ratio Lower Upper

164 100

162 102.5 82.4 123.6

160 42.8 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 160.320 ng

RT: 16.474 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057189.D

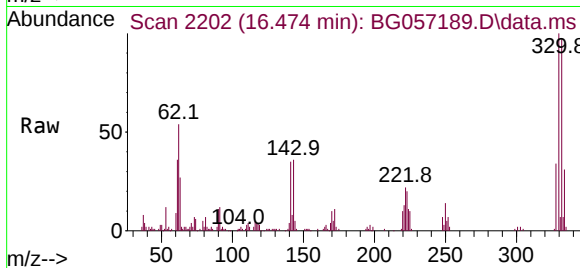
Acq: 26 Apr 2023 12:40

Instrument :

BNA_G

ClientSampleId :

SPD-2WC-23-04-18



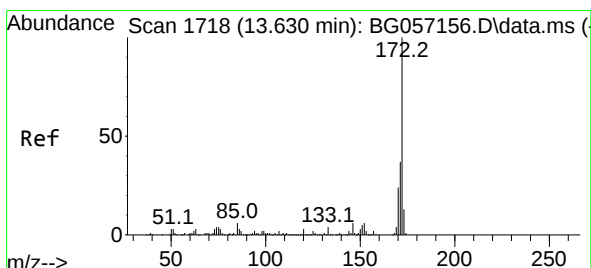
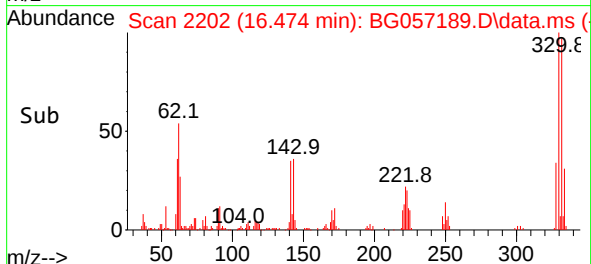
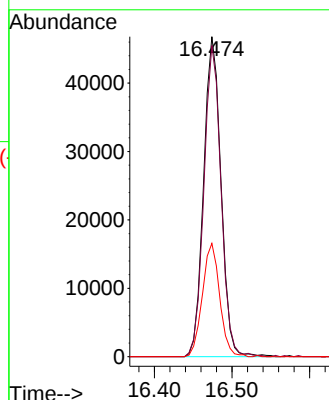
Tgt Ion:330 Resp: 72715

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 35.2 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 86.991 ng

RT: 13.619 min Scan# 1716

Delta R.T. 0.002 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

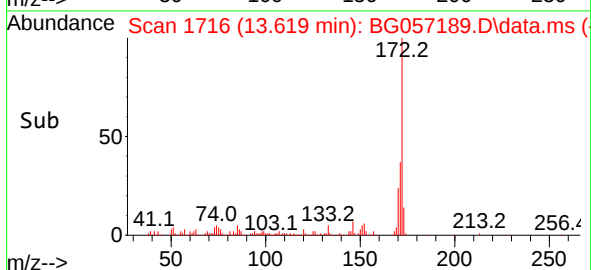
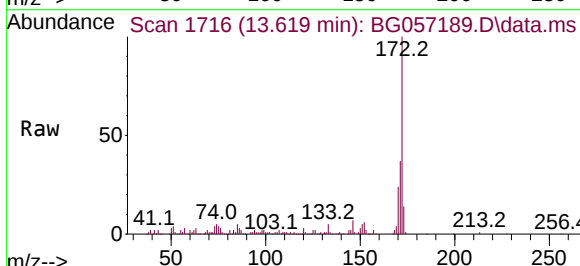
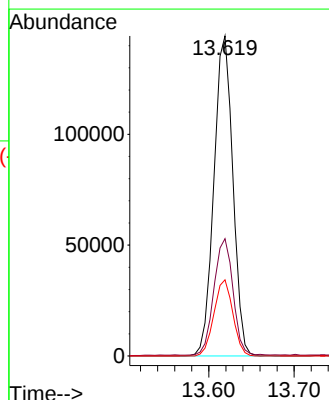
Tgt Ion:172 Resp: 222513

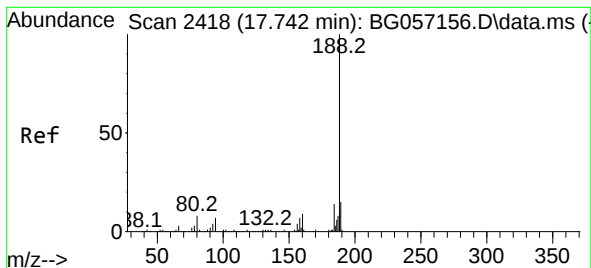
Ion Ratio Lower Upper

172 100

171 36.7 29.2 43.8

170 23.8 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.731 min Scan# 2418

Delta R.T. -0.004 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

Instrument :

BNA_G

ClientSampleId :

SPD-2WC-23-04-18

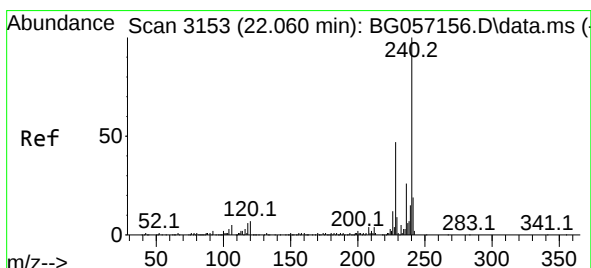
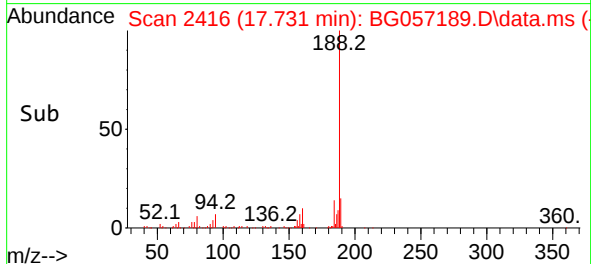
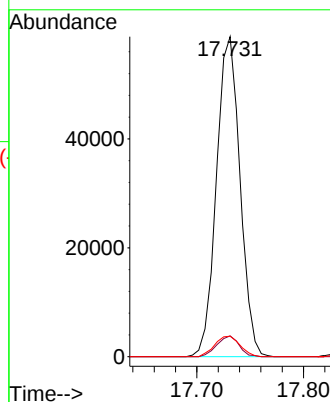
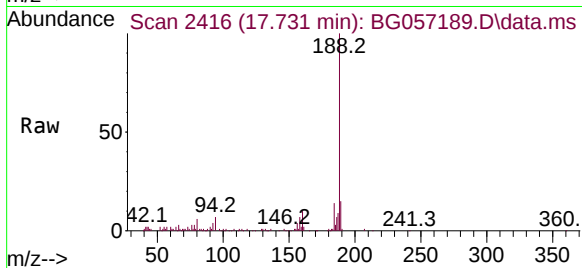
Tgt Ion:188 Resp: 90131

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 6.4 6.2 9.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.037 min Scan# 3149

Delta R.T. -0.010 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

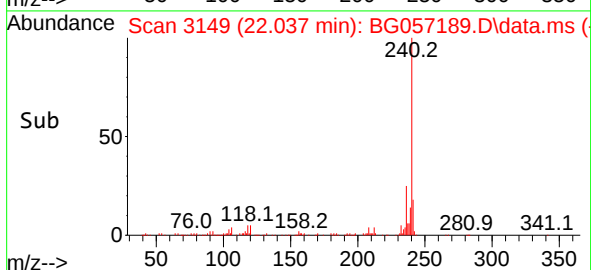
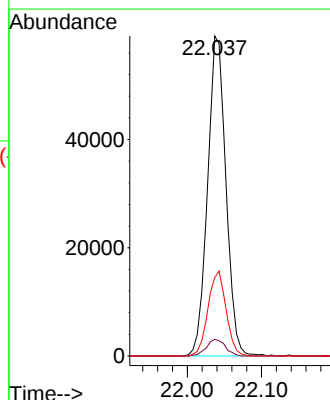
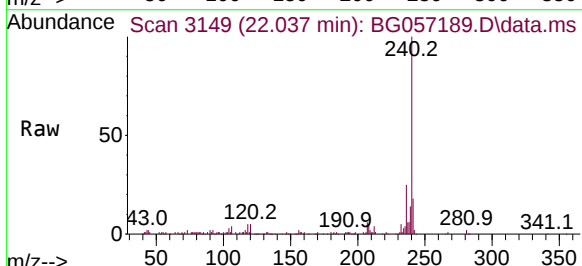
Tgt Ion:240 Resp: 101760

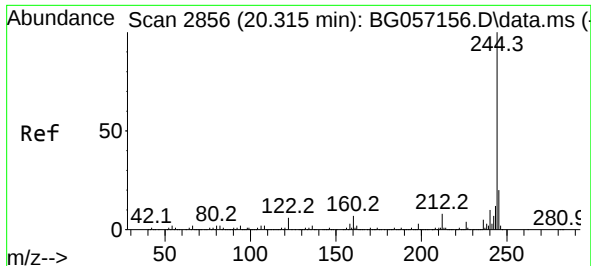
Ion Ratio Lower Upper

240 100

120 5.2 5.5 8.3#

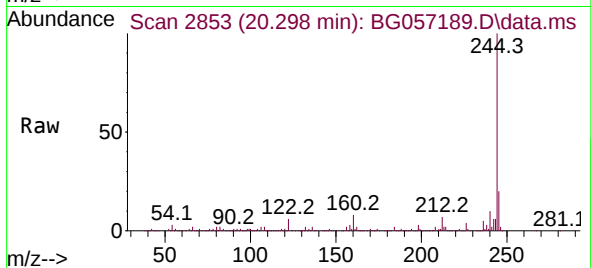
236 24.5 20.8 31.2



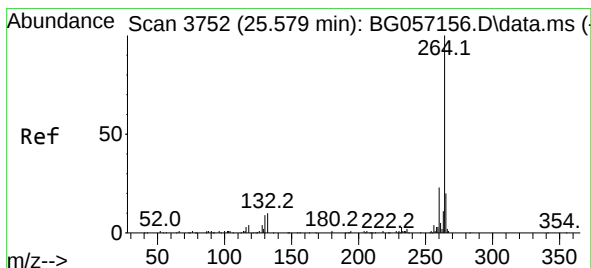
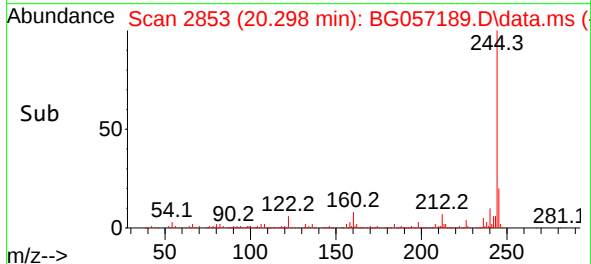
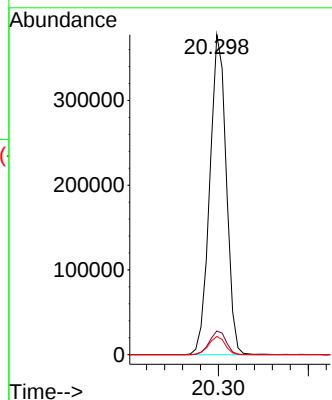


#79
 Terphenyl-d14
 Concen: 82.603 ng
 RT: 20.298 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057189.D
 Acq: 26 Apr 2023 12:40

Instrument :
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Tgt Ion:244 Resp: 480567
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 5.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.556 min Scan# 3748
 Delta R.T. -0.004 min
 Lab File: BG057189.D
 Acq: 26 Apr 2023 12:40

Tgt Ion:264 Resp: 102253
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.3 16.4 24.6

