

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057902.D
 Acq On : 29 Jun 2023 13:15
 Operator : CG/JU
 Sample : PB153840BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153840BL

Quant Time: Jun 29 14:03:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	34105	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	149623	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	111884	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	305817	20.000	ng	0.00
76) Chrysene-d12	21.549	240	285684	20.000	ng	0.00
86) Perylene-d12	24.704	264	343025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	364093	163.337	ng	0.00
7) Phenol-d6	7.083	99	512198	153.662	ng	0.00
23) Nitrobenzene-d5	9.081	82	294569	96.484	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	270539	143.965	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	705056	96.166	ng	0.00
79) Terphenyl-d14	19.915	244	1499687	95.702	ng	0.00

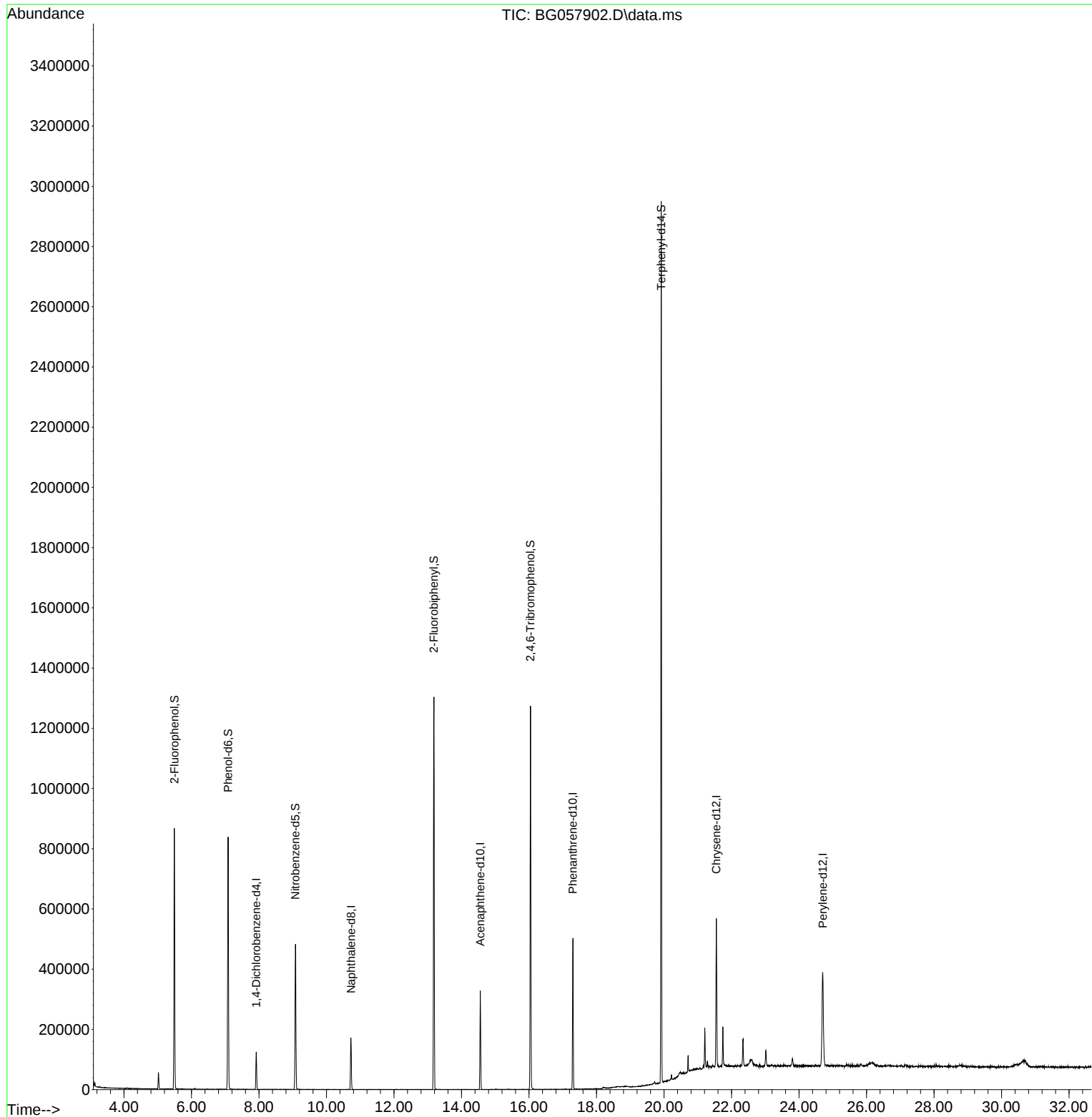
Target Compounds	Qvalue

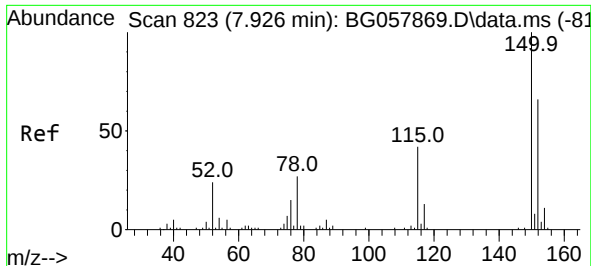
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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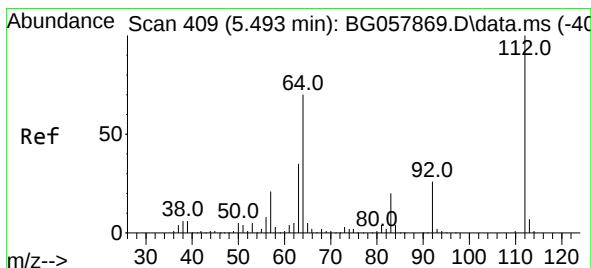
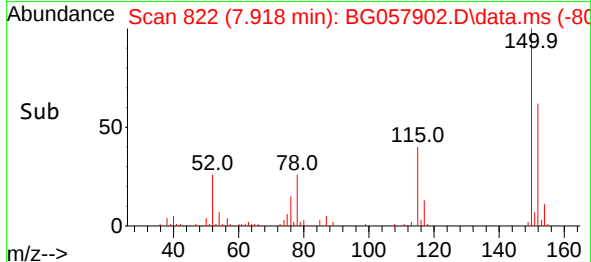
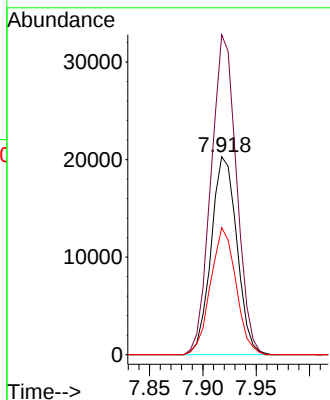
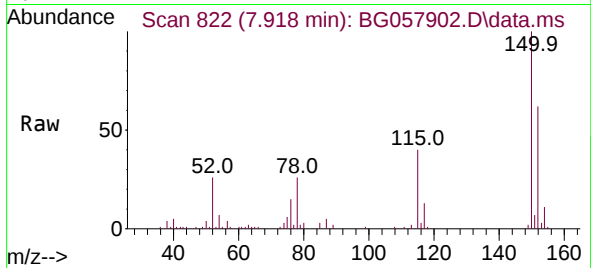




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

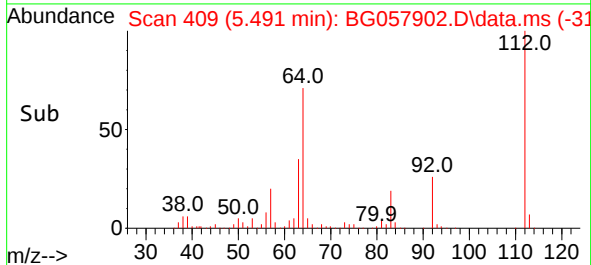
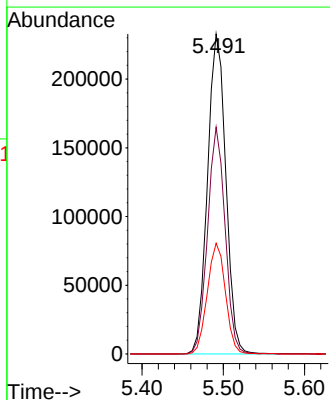
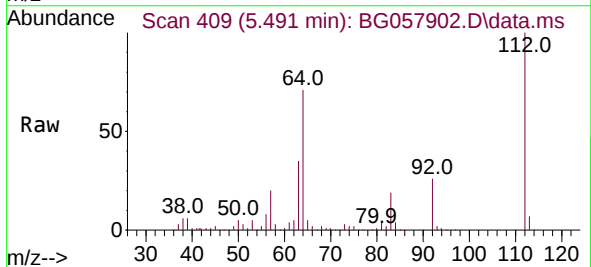
Instrument :
BNA_G
ClientSampleId :
PB153840BL

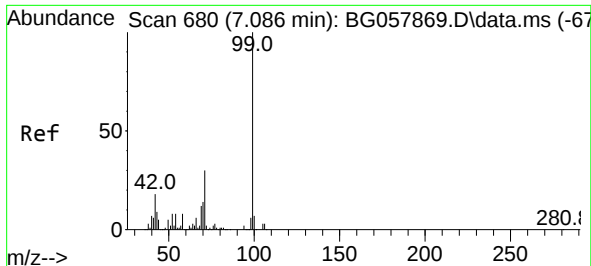
Tgt Ion:152 Resp: 34105
Ion Ratio Lower Upper
152 100
150 161.7 122.0 183.0
115 64.2 50.7 76.1



#5
2-Fluorophenol
Concen: 163.337 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

Tgt Ion:112 Resp: 364093
Ion Ratio Lower Upper
112 100
64 70.8 55.8 83.6
63 34.6 27.9 41.9

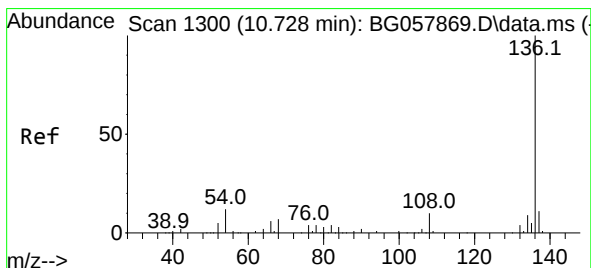
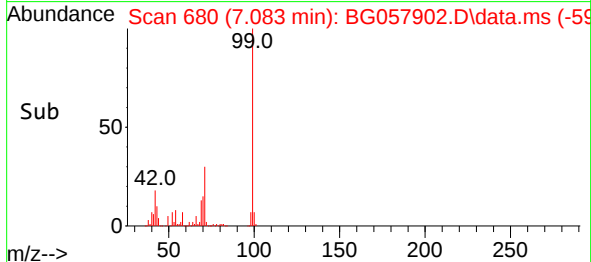
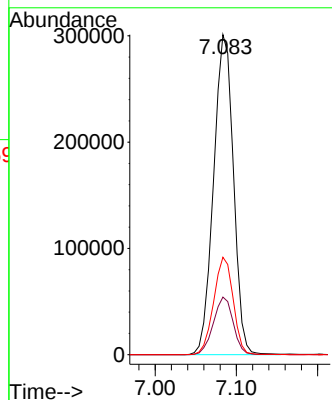
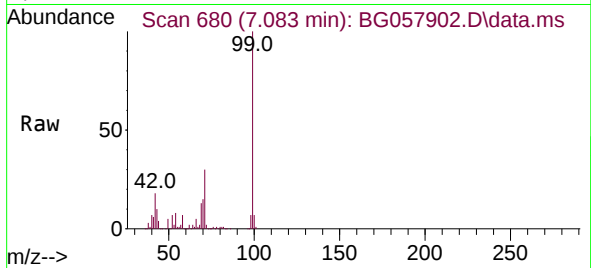




#7
Phenol-d6
Concen: 153.662 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

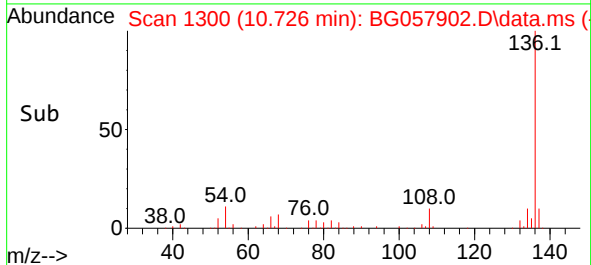
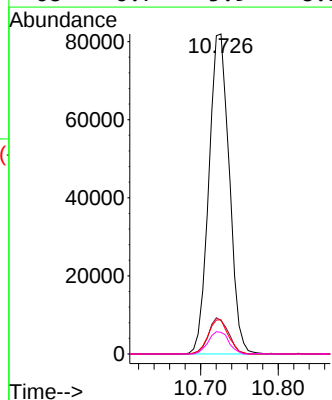
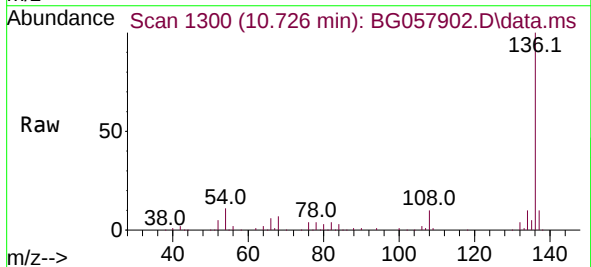
Instrument :
BNA_G
ClientSampleId :
PB153840BL

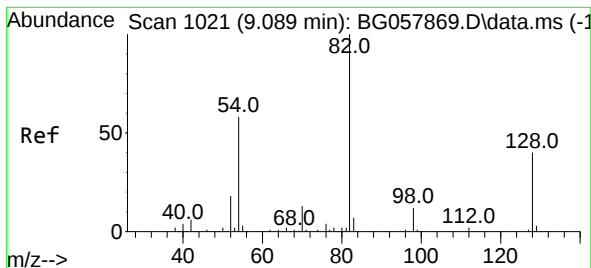
Tgt Ion: 99 Resp: 512198
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 30.4 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

Tgt Ion: 136 Resp: 149623
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 10.7 9.3 13.9
68 6.7 5.9 8.9





#23

Nitrobenzene-d5

Concen: 96.484 ng

RT: 9.081 min Scan# 1021

Delta R.T. -0.008 min

Lab File: BG057902.D

Acq: 29 Jun 2023 13:15

Instrument :

BNA_G

ClientSampleId :

PB153840BL

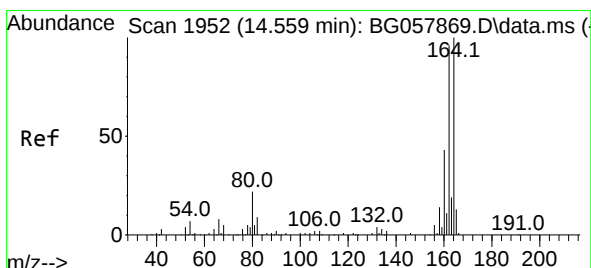
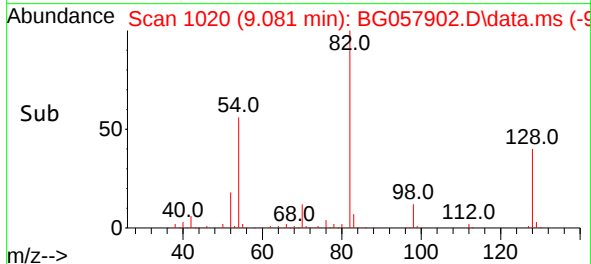
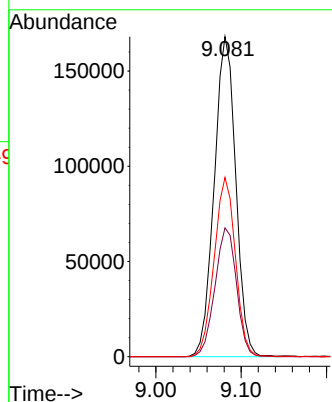
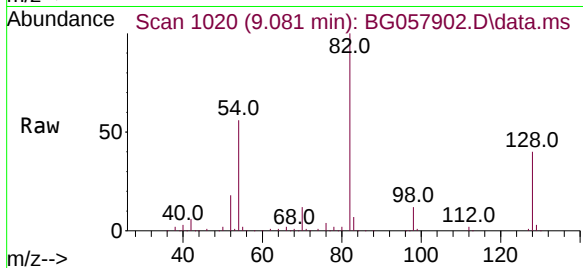
Tgt Ion: 82 Resp: 294569

Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.4

54 56.0 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.002 min

Lab File: BG057902.D

Acq: 29 Jun 2023 13:15

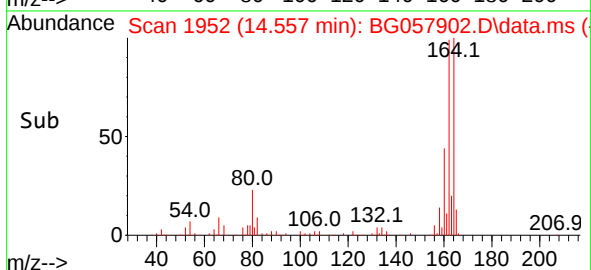
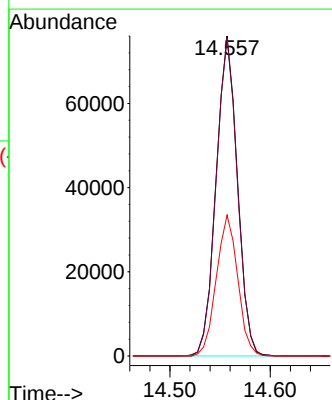
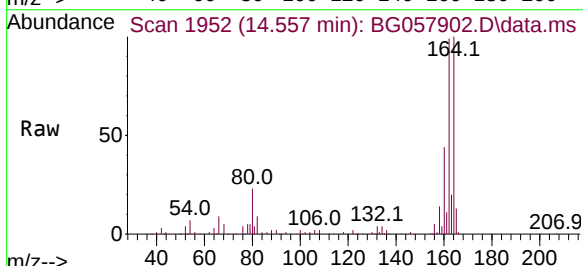
Tgt Ion:164 Resp: 111884

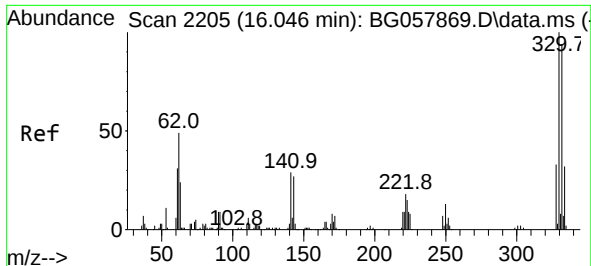
Ion Ratio Lower Upper

164 100

162 99.3 76.4 114.6

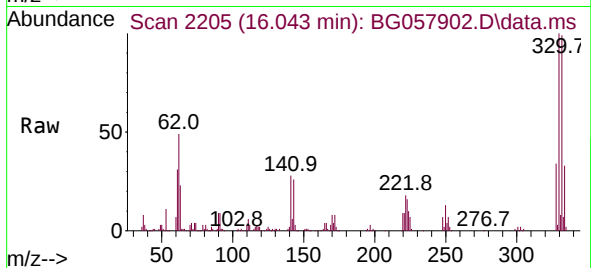
160 44.0 34.2 51.2



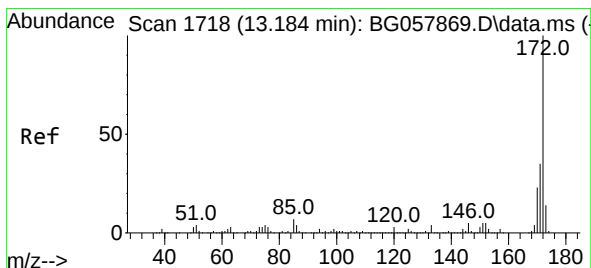
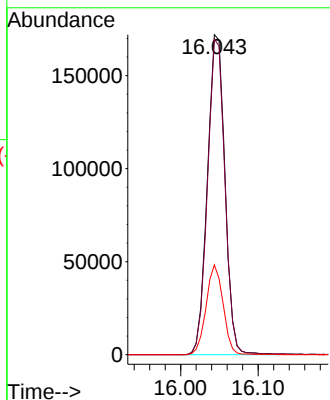
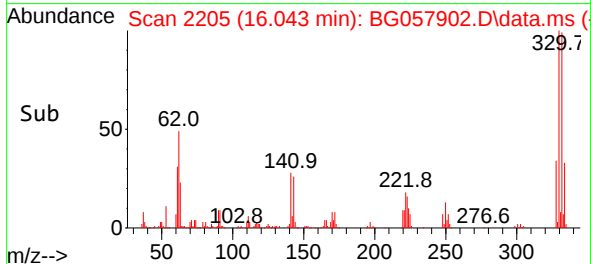


#42
2,4,6-Tribromophenol
Concen: 143.965 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

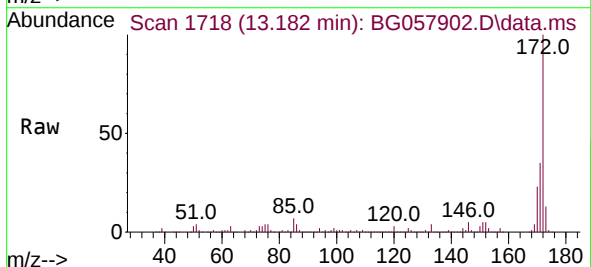
Instrument :
BNA_G
ClientSampleId :
PB153840BL



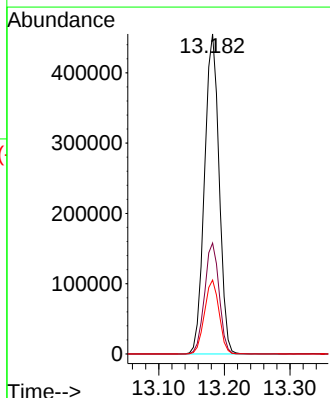
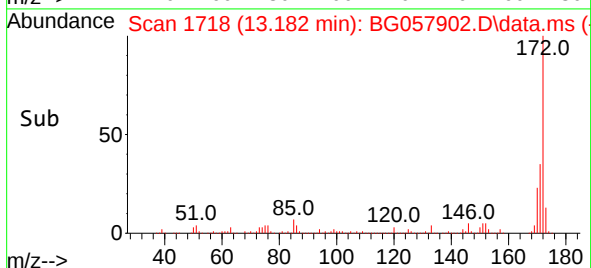
Tgt Ion:330 Resp: 270539
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 27.1 22.2 33.4

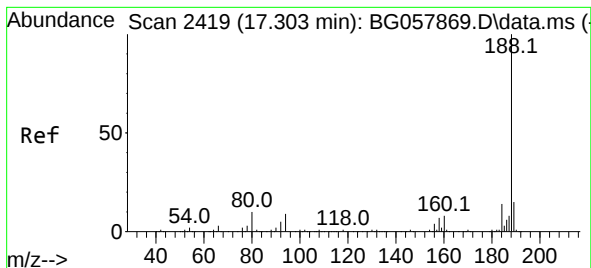


#45
2-Fluorobiphenyl
Concen: 96.166 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15



Tgt Ion:172 Resp: 705056
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 2419

Delta R.T. -0.002 min

Lab File: BG057902.D

Acq: 29 Jun 2023 13:15

Instrument :

BNA_G

ClientSampleId :

PB153840BL

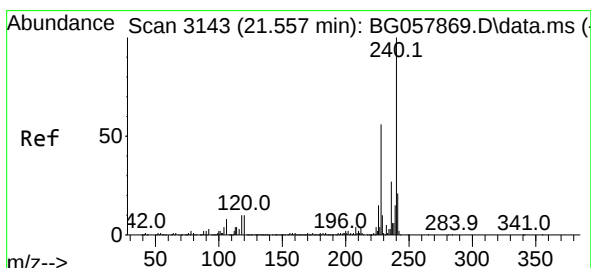
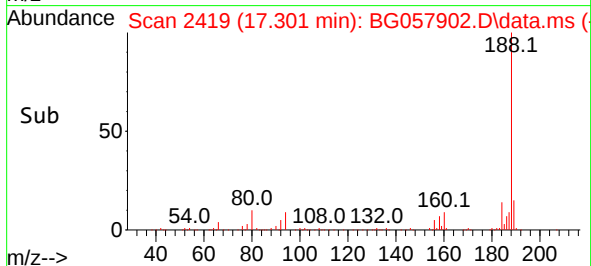
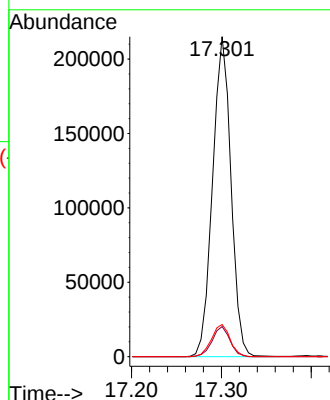
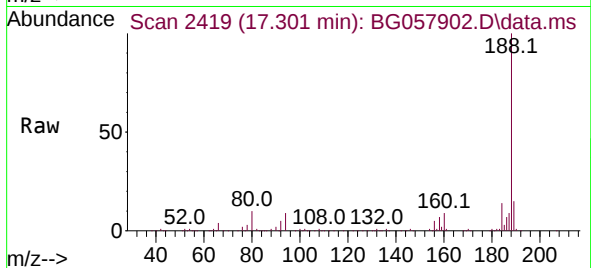
Tgt Ion:188 Resp: 305817

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

80 10.1 8.4 12.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.549 min Scan# 3142

Delta R.T. -0.008 min

Lab File: BG057902.D

Acq: 29 Jun 2023 13:15

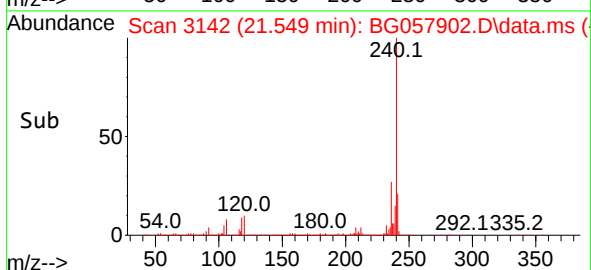
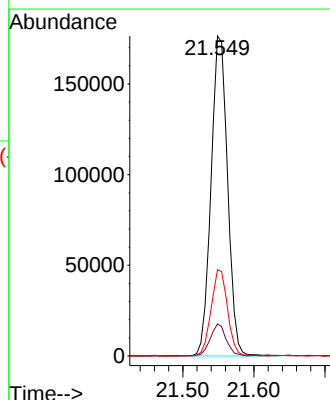
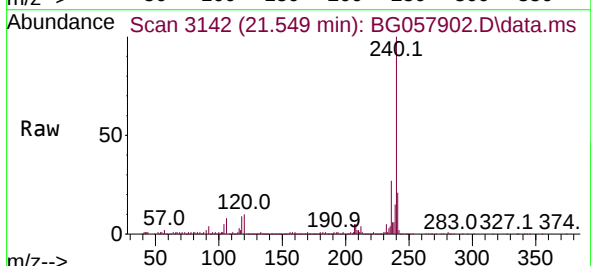
Tgt Ion:240 Resp: 285684

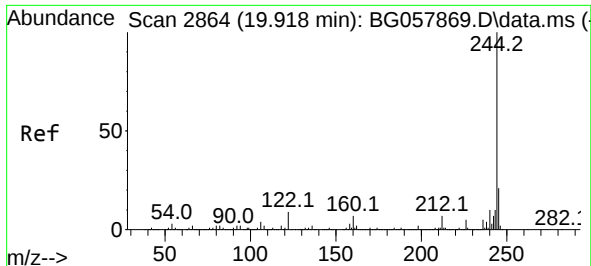
Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

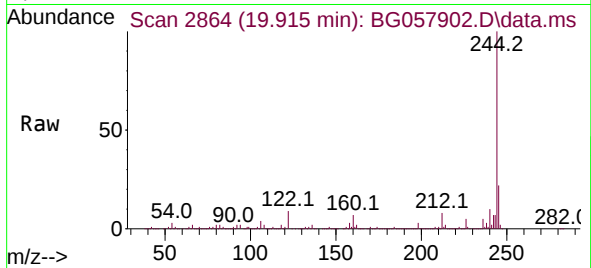
236 27.0 21.9 32.9





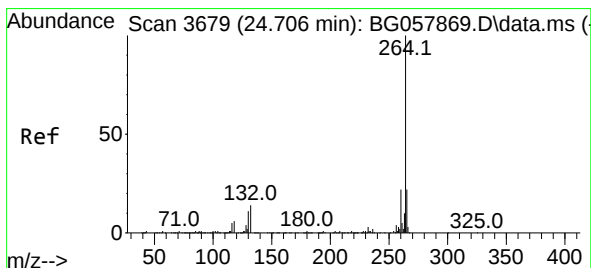
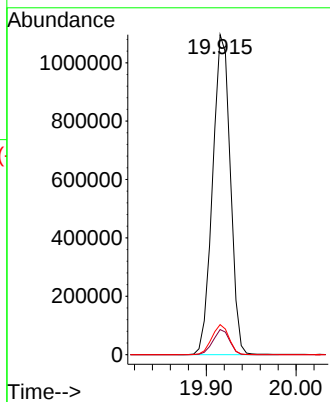
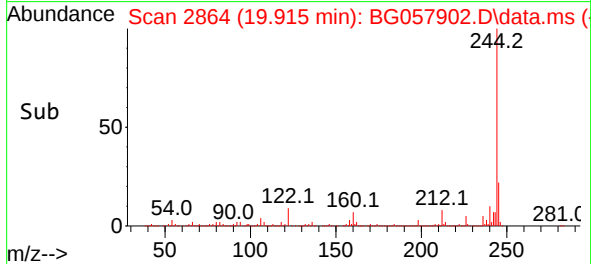
#79
 Terphenyl-d14
 Concen: 95.702 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057902.D
 Acq: 29 Jun 2023 13:15

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1499687

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	9.4	7.4	11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.704 min Scan# 3679
 Delta R.T. -0.002 min
 Lab File: BG057902.D
 Acq: 29 Jun 2023 13:15

Tgt Ion:264 Resp: 343025

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.8	26.8
265	21.1	17.3	25.9

