

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
 Data File : BG057138.D
 Acq On : 19 Apr 2023 1:18
 Operator : CG/JU
 Sample : 02354-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20230413

Quant Time: Apr 19 05:02:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 04:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.393	152	10776	20.000	ng	0.00
21) Naphthalene-d8	11.231	136	51337	20.000	ng	# 0.00
39) Acenaphthene-d10	15.008	164	44663	20.000	ng	0.00
64) Phenanthrene-d10	17.745	188	103663	20.000	ng	# 0.00
76) Chrysene-d12	22.057	240	92626	20.000	ng	0.00
86) Perylene-d12	25.588	264	97961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.908	112	28489	45.026	ng	0.00
7) Phenol-d6	7.524	99	25556	27.323	ng	0.00
23) Nitrobenzene-d5	9.574	82	99732	85.555	ng	0.00
42) 2,4,6-Tribromophenol	16.488	330	90953	120.035	ng	0.00
45) 2-Fluorobiphenyl	13.633	172	284332	83.873	ng	0.00
79) Terphenyl-d14	20.313	244	510256	83.340	ng	0.00

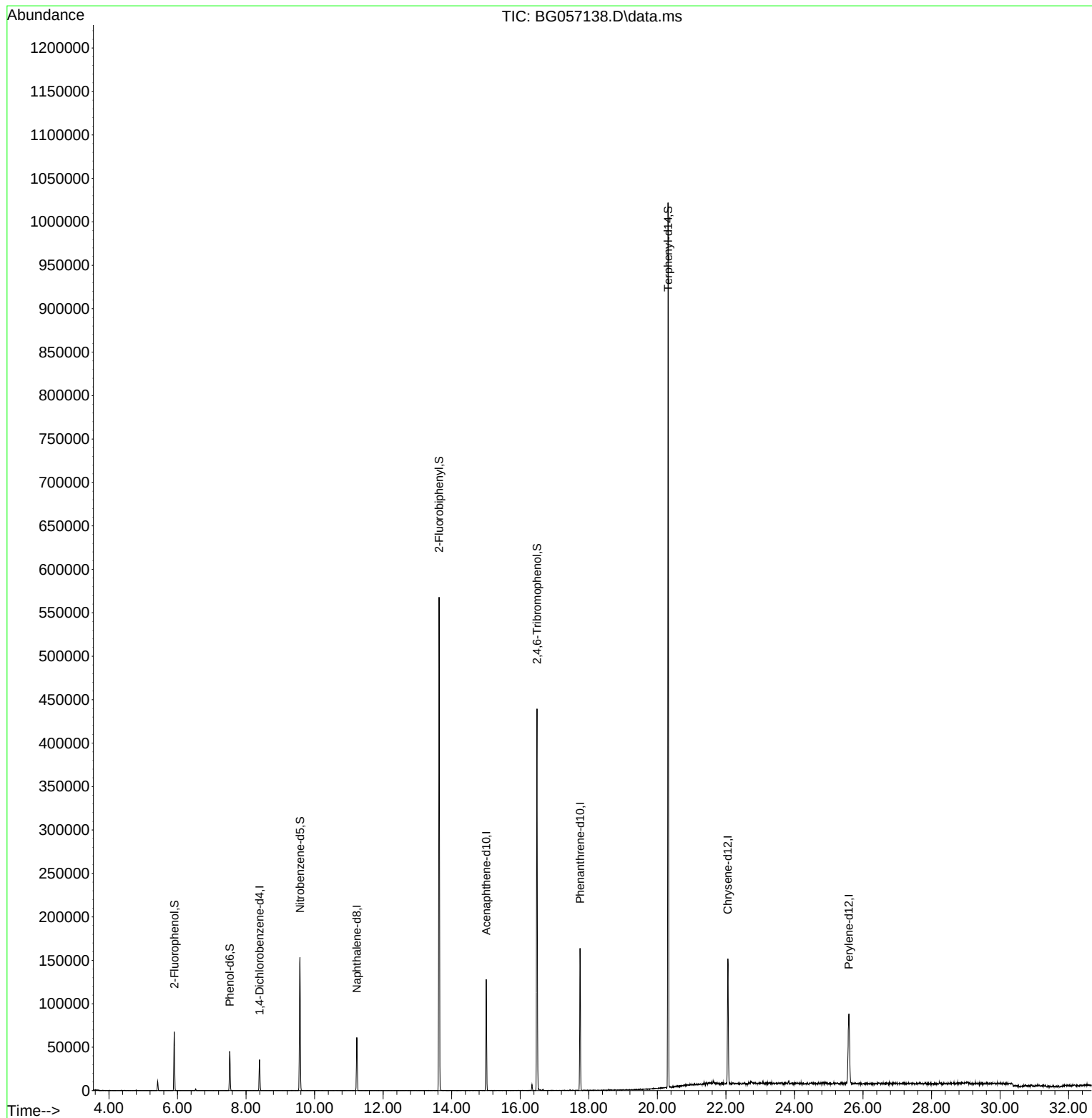
Target Compounds	Qvalue

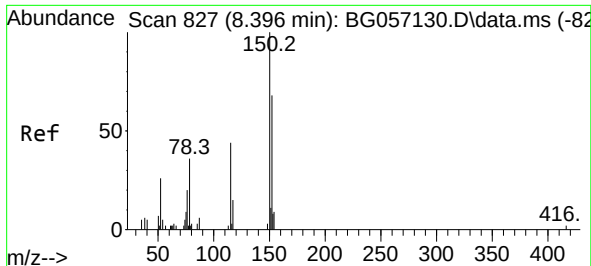
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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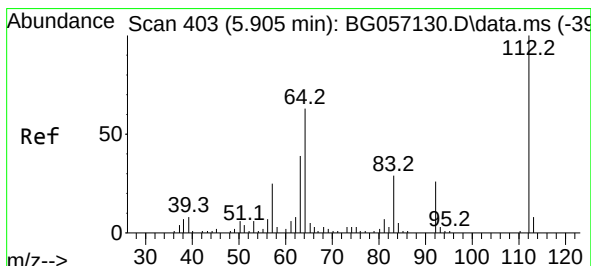
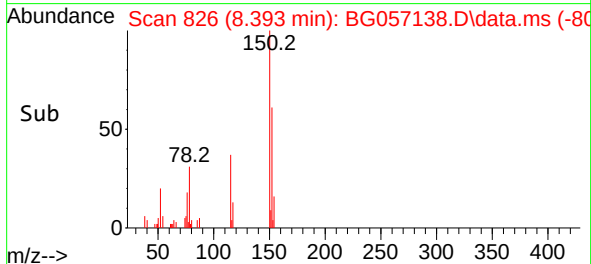
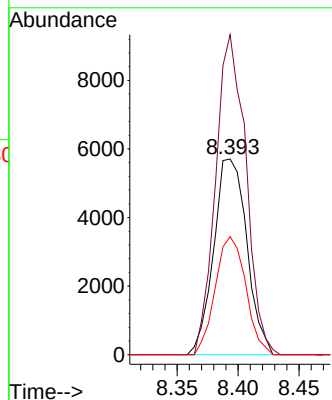
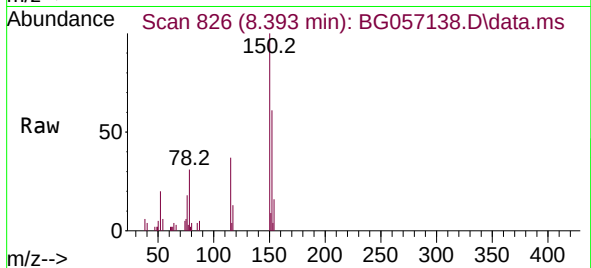




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.393 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057138.D
Acq: 19 Apr 2023 1:18

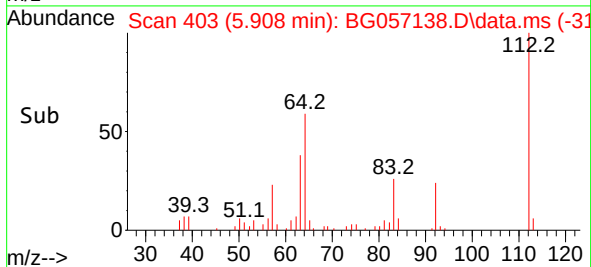
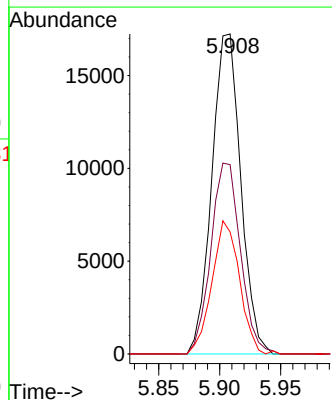
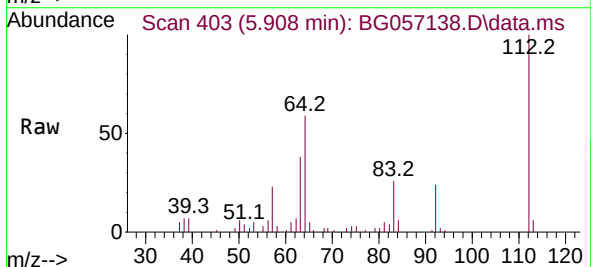
Instrument :
BNA_G
ClientSampleId :
SP-303-20230413

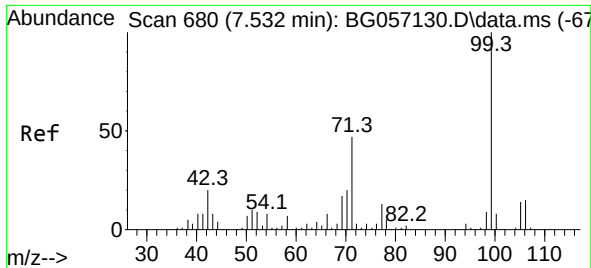
Tgt Ion:152 Resp: 10776
Ion Ratio Lower Upper
152 100
150 163.5 118.0 177.0
115 60.3 51.8 77.6



#5
2-Fluorophenol
Concen: 45.026 ng
RT: 5.908 min Scan# 403
Delta R.T. 0.003 min
Lab File: BG057138.D
Acq: 19 Apr 2023 1:18

Tgt Ion:112 Resp: 28489
Ion Ratio Lower Upper
112 100
64 59.1 50.6 76.0
63 38.1 31.2 46.8

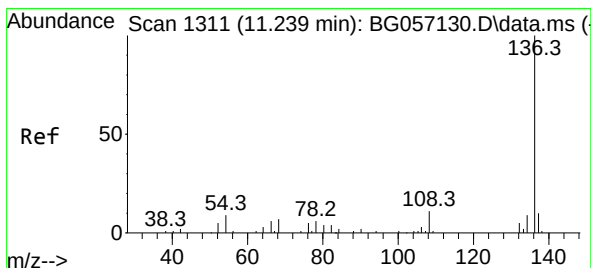
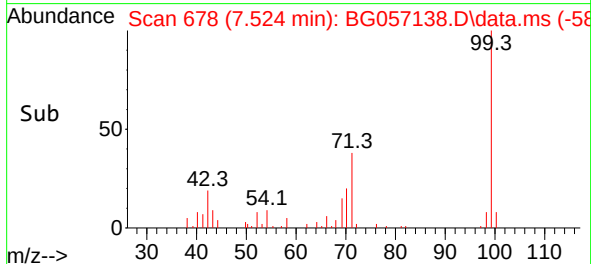
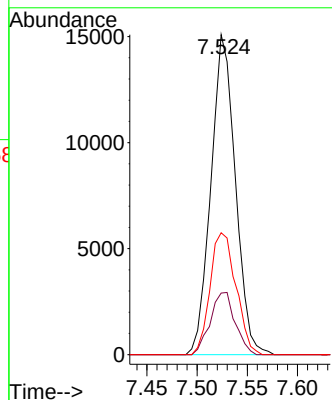
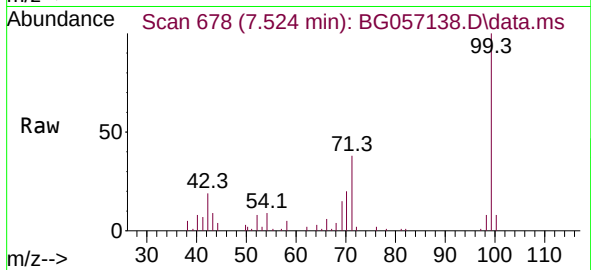




#7
Phenol-d6
Concen: 27.323 ng
RT: 7.524 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057138.D
Acq: 19 Apr 2023 1:18

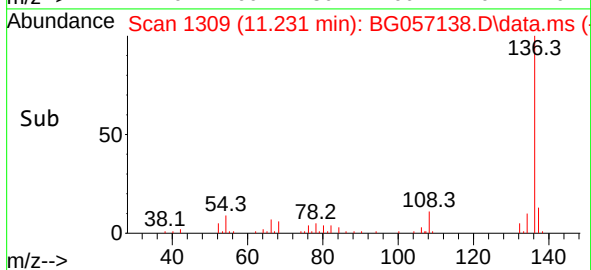
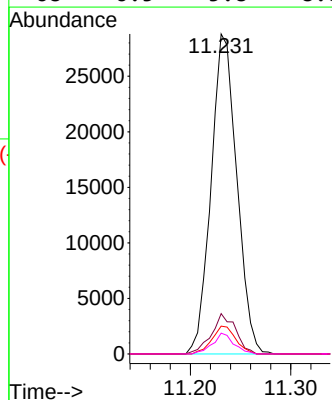
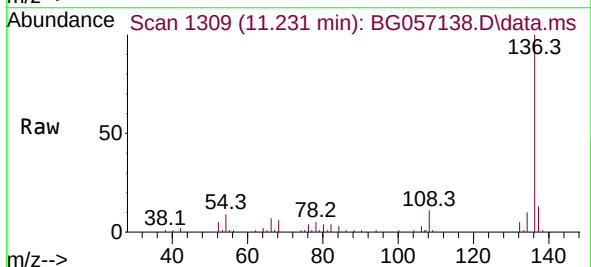
Instrument :
BNA_G
ClientSampleId :
SP-303-20230413

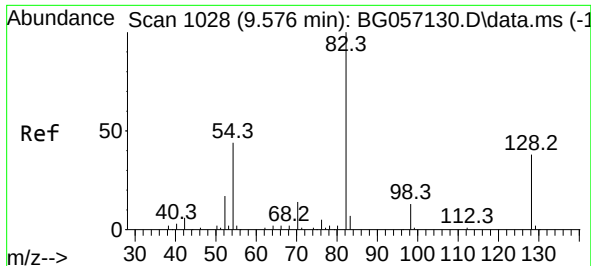
Tgt Ion: 99 Resp: 25556
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.4
71 38.1 37.8 56.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.231 min Scan# 1309
Delta R.T. -0.008 min
Lab File: BG057138.D
Acq: 19 Apr 2023 1:18

Tgt Ion: 136 Resp: 51337
Ion Ratio Lower Upper
136 100
137 12.6 7.8 11.6#
54 8.7 7.3 10.9
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 85.555 ng

RT: 9.574 min Scan# 1027

Delta R.T. -0.002 min

Lab File: BG057138.D

Acq: 19 Apr 2023 1:18

Instrument :

BNA_G

ClientSampleId :

SP-303-20230413

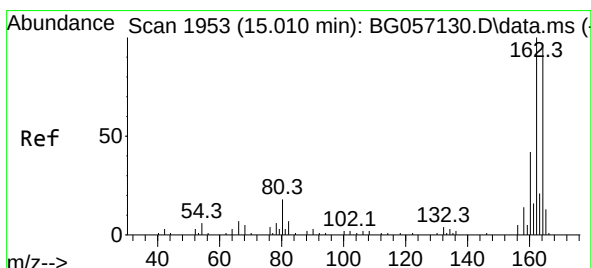
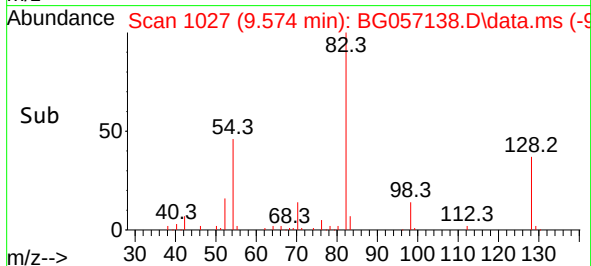
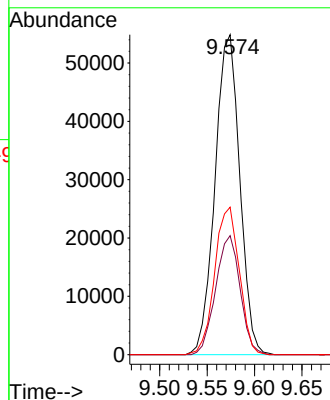
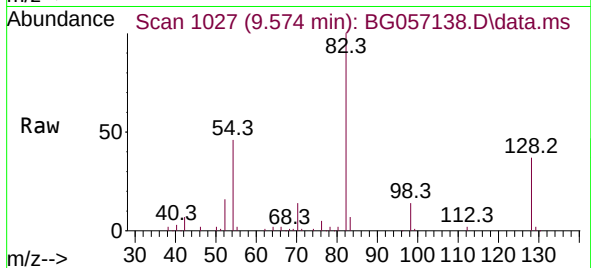
Tgt Ion: 82 Resp: 99732

Ion Ratio Lower Upper

82 100

128 37.2 30.5 45.7

54 46.1 35.4 53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.008 min Scan# 1952

Delta R.T. -0.002 min

Lab File: BG057138.D

Acq: 19 Apr 2023 1:18

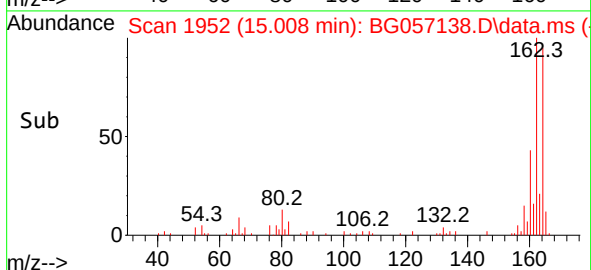
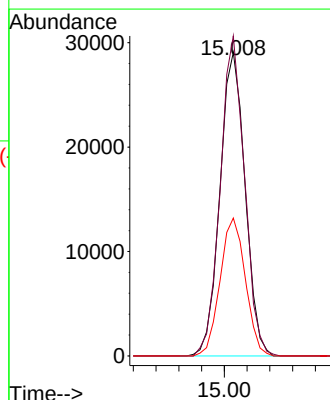
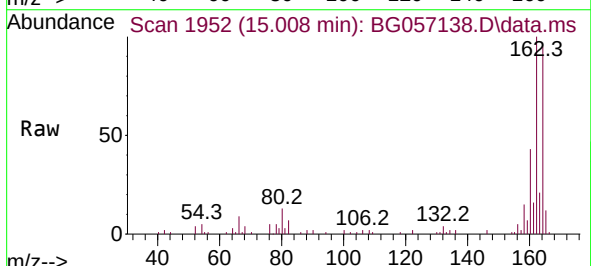
Tgt Ion:164 Resp: 44663

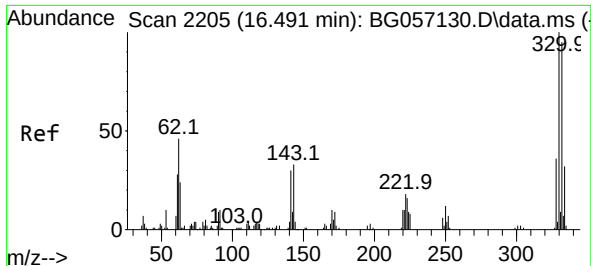
Ion Ratio Lower Upper

164 100

162 105.4 83.8 125.8

160 45.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 120.035 ng

RT: 16.488 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057138.D

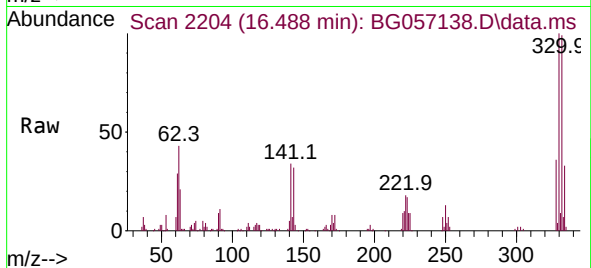
Acq: 19 Apr 2023 1:18

Instrument :

BNA_G

ClientSampleId :

SP-303-20230413



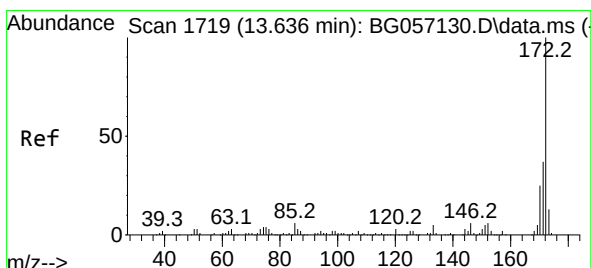
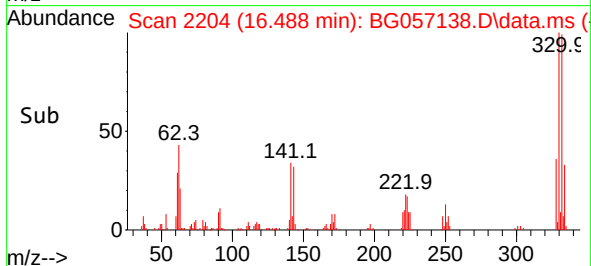
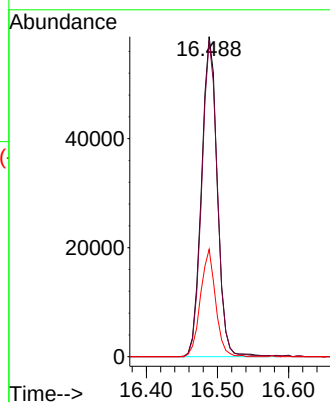
Tgt Ion:330 Resp: 90953

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

141 32.0 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 83.873 ng

RT: 13.633 min Scan# 1718

Delta R.T. -0.003 min

Lab File: BG057138.D

Acq: 19 Apr 2023 1:18

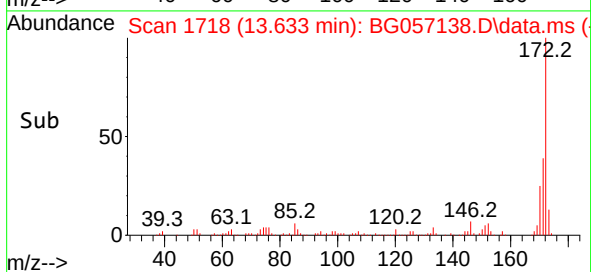
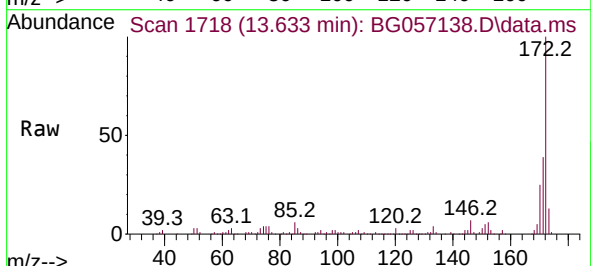
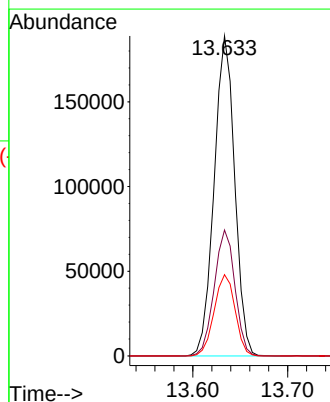
Tgt Ion:172 Resp: 284332

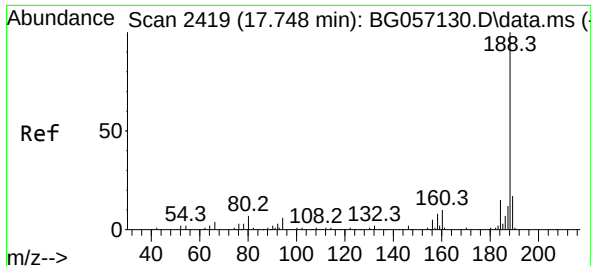
Ion Ratio Lower Upper

172 100

171 39.4 29.9 44.9

170 25.4 20.1 30.1

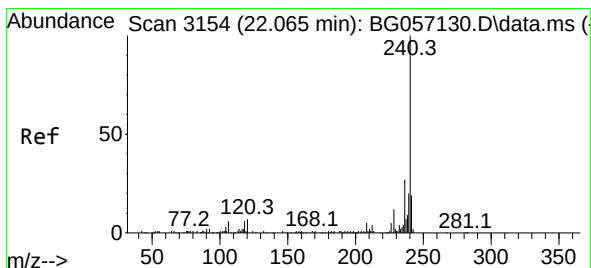
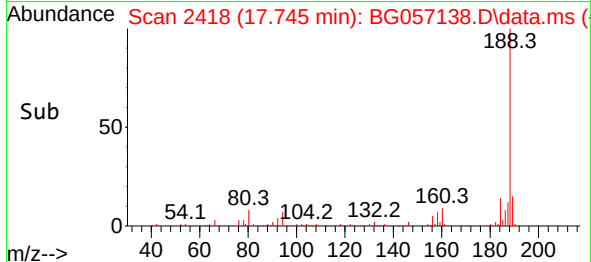
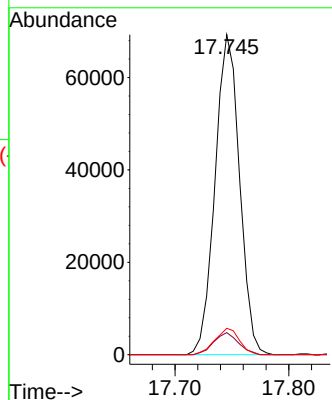
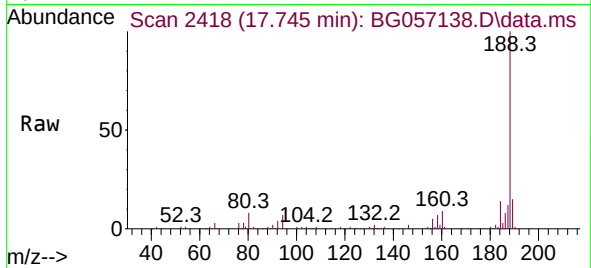




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.745 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BG057138.D
Acq: 19 Apr 2023 1:18

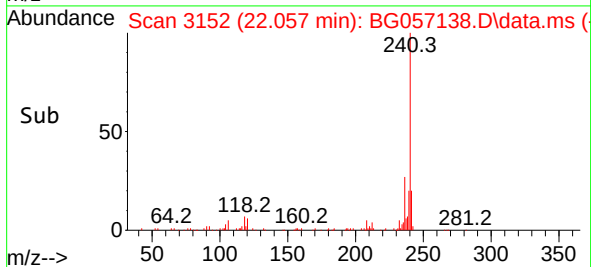
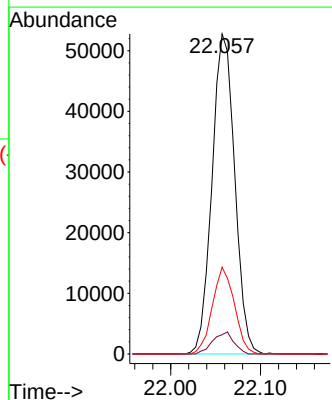
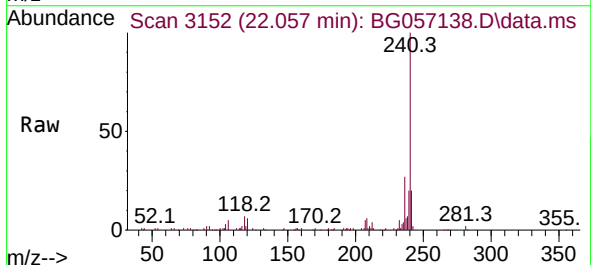
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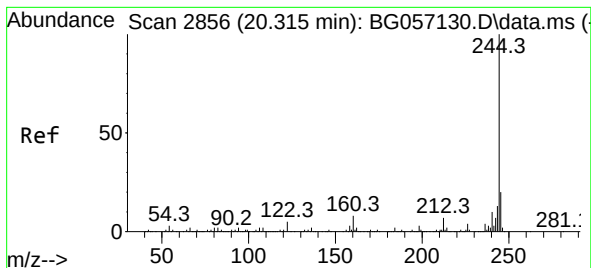
Tgt Ion:188 Resp: 103663
Ion Ratio Lower Upper
188 100
94 6.9 4.4 6.6#
80 8.2 5.8 8.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.057 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG057138.D
Acq: 19 Apr 2023 1:18

Tgt Ion:240 Resp: 92626
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 27.1 21.3 31.9





#79

Terphenyl-d14

Concen: 83.340 ng

RT: 20.313 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057138.D

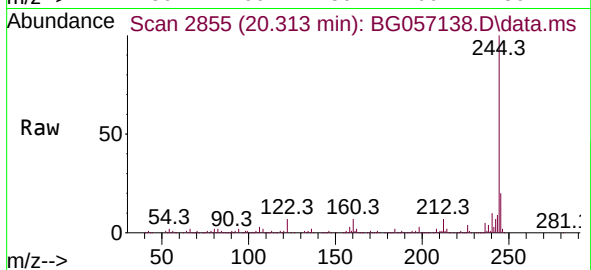
Acq: 19 Apr 2023 1:18

Instrument :

BNA_G

ClientSampleId :

SP-303-20230413



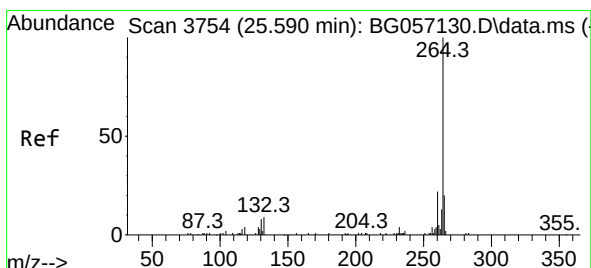
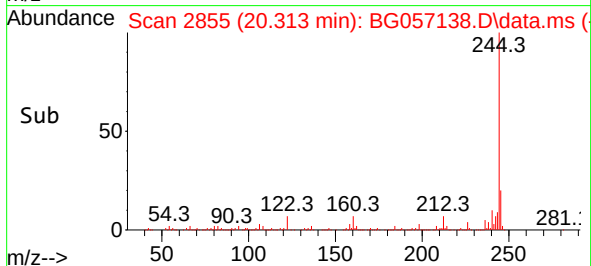
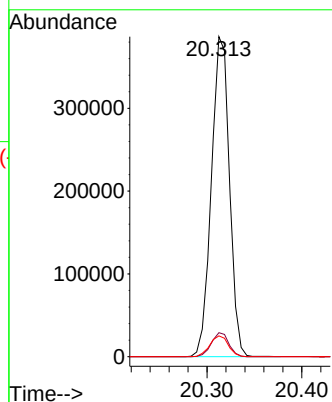
Tgt Ion:244 Resp: 510256

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 6.5 4.3 6.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.588 min Scan# 3753

Delta R.T. -0.002 min

Lab File: BG057138.D

Acq: 19 Apr 2023 1:18

Tgt Ion:264 Resp: 97961

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 23.0 16.5 24.7

