

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
 Data File : BG057150.D
 Acq On : 20 Apr 2023 17:41
 Operator : CG/JU
 Sample : PB152259BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152259BL

Quant Time: Apr 21 06:06:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 05:53:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.393	152	8199	20.000	ng	0.00
21) Naphthalene-d8	11.230	136	33693	20.000	ng	0.00
39) Acenaphthene-d10	15.001	164	40958	20.000	ng	0.00
64) Phenanthrene-d10	17.739	188	101662	20.000	ng	0.00
76) Chrysene-d12	22.051	240	94758	20.000	ng	0.00
86) Perylene-d12	25.570	264	99869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.902	112	63516	138.746	ng	0.00
7) Phenol-d6	7.523	99	93184	129.125	ng	0.00
23) Nitrobenzene-d5	9.568	82	66655	90.385	ng	0.00
42) 2,4,6-Tribromophenol	16.488	330	87032	122.316	ng	0.00
45) 2-Fluorobiphenyl	13.633	172	236150	76.442	ng	0.00
79) Terphenyl-d14	20.312	244	547322	89.401	ng	0.00

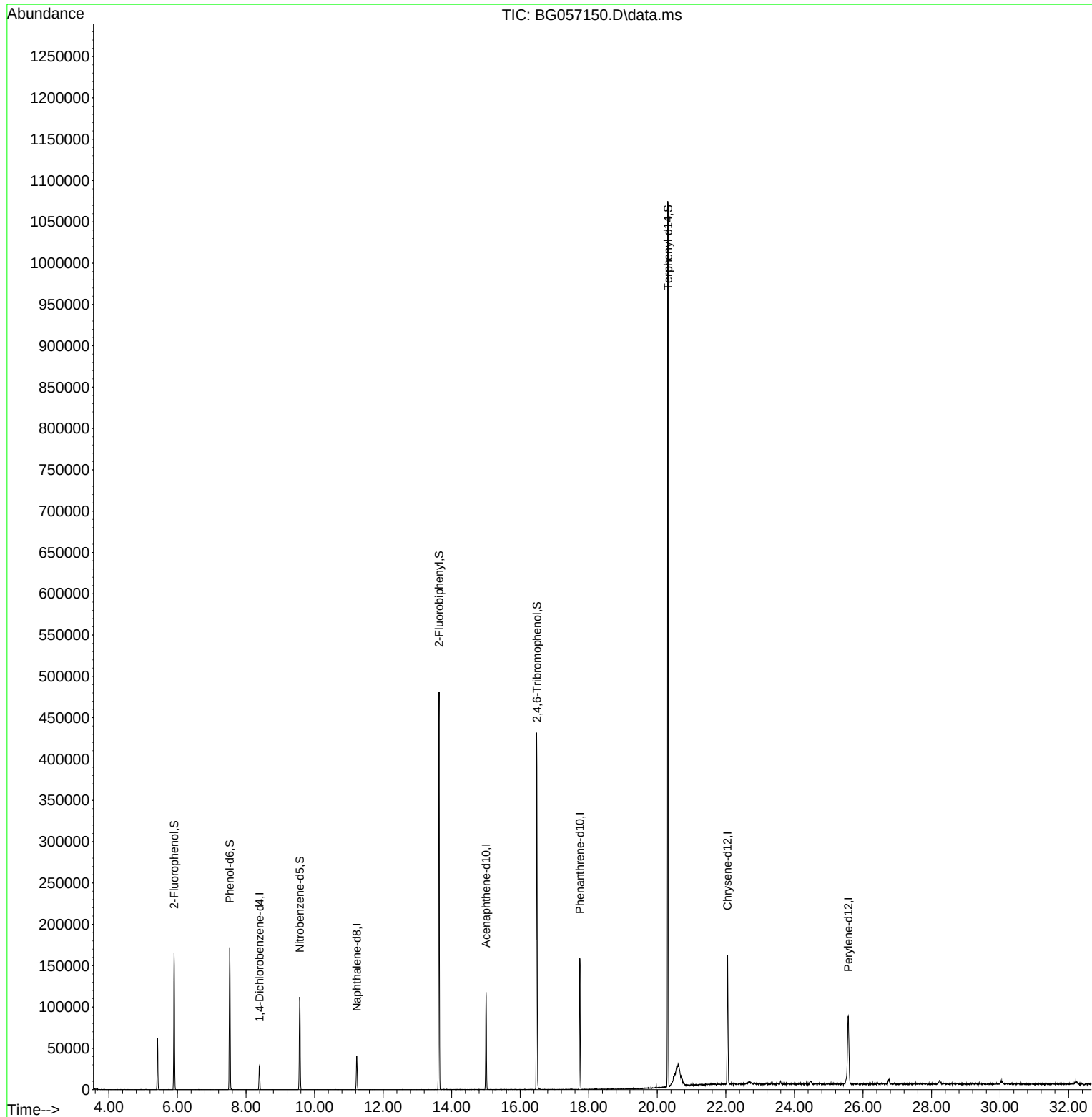
Target Compounds	Qvalue

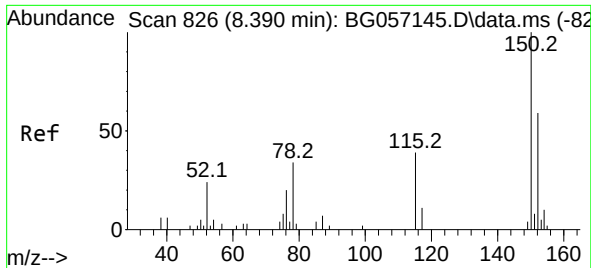
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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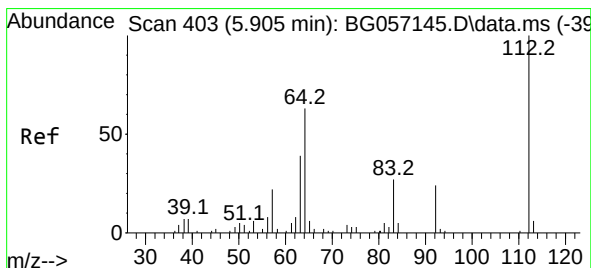
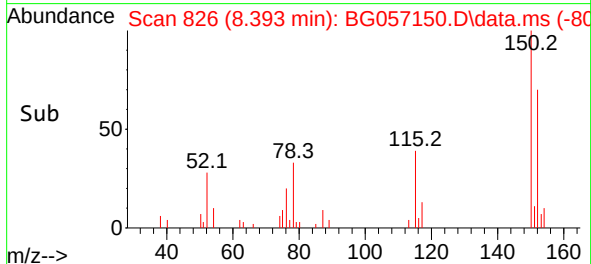
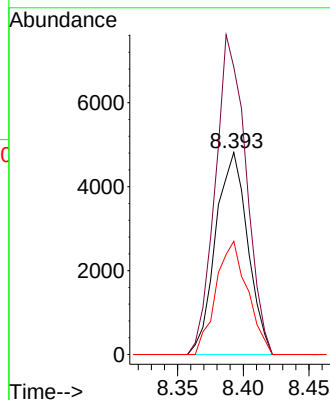
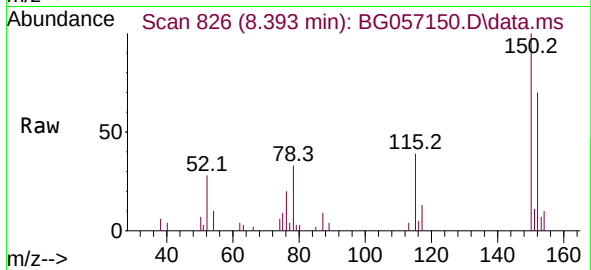




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.393 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: BG057150.D
 Acq: 20 Apr 2023 17:41

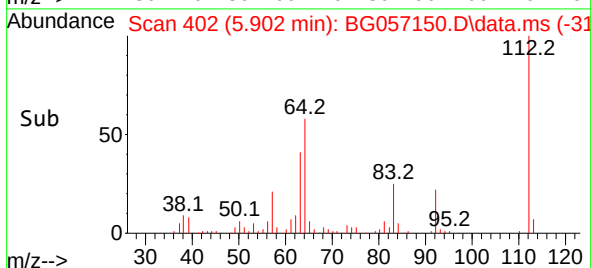
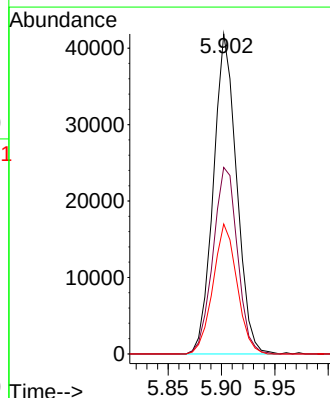
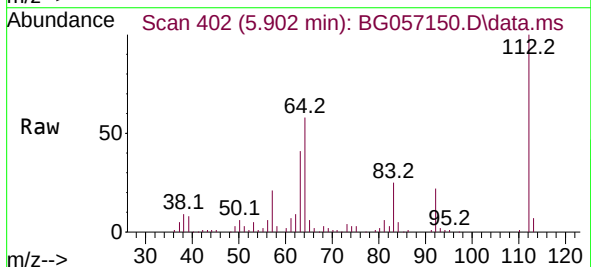
Instrument :
 BNA_G
 ClientSampleId :
 PB152259BL

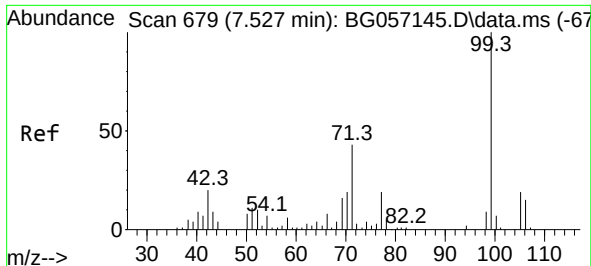
Tgt Ion:152 Resp: 8199
 Ion Ratio Lower Upper
 152 100
 150 142.2 135.4 203.2
 115 56.1 52.8 79.2



#5
 2-Fluorophenol
 Concen: 138.746 ng
 RT: 5.902 min Scan# 402
 Delta R.T. -0.003 min
 Lab File: BG057150.D
 Acq: 20 Apr 2023 17:41

Tgt Ion:112 Resp: 63516
 Ion Ratio Lower Upper
 112 100
 64 58.3 50.2 75.4
 63 40.6 30.9 46.3

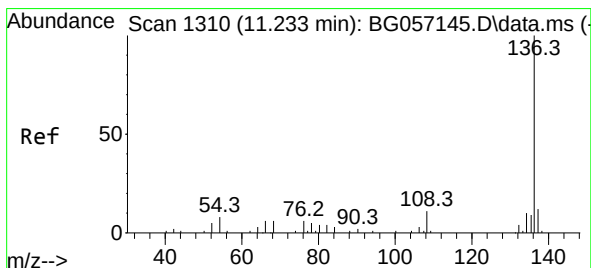
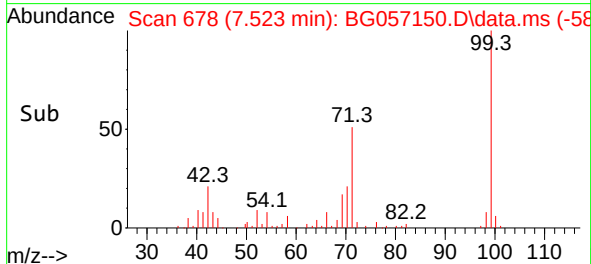
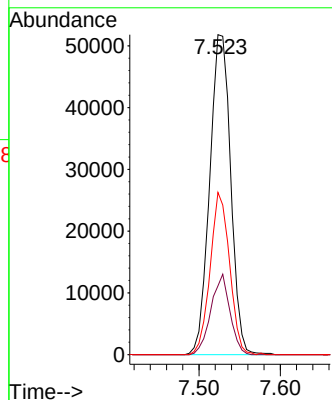
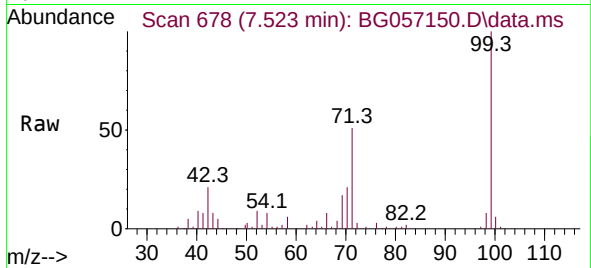




#7
Phenol-d6
Concen: 129.125 ng
RT: 7.523 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

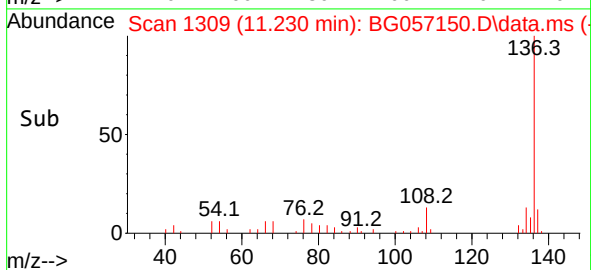
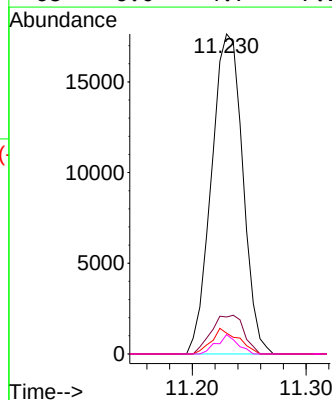
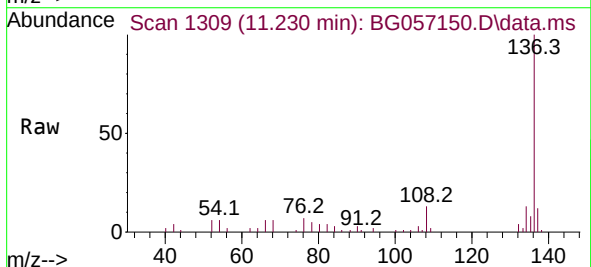
Instrument :
BNA_G
ClientSampleId :
PB152259BL

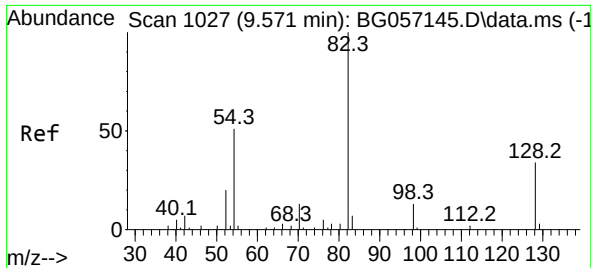
Tgt Ion: 99 Resp: 93184
Ion Ratio Lower Upper
99 100
42 21.5 16.2 24.2
71 50.7 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.230 min Scan# 1309
Delta R.T. -0.003 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

Tgt Ion: 136 Resp: 33693
Ion Ratio Lower Upper
136 100
137 11.5 10.0 15.0
54 6.5 6.2 9.4
68 6.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 90.385 ng

RT: 9.568 min Scan# 1026

Delta R.T. -0.003 min

Lab File: BG057150.D

Acq: 20 Apr 2023 17:41

Instrument :

BNA_G

ClientSampleId :

PB152259BL

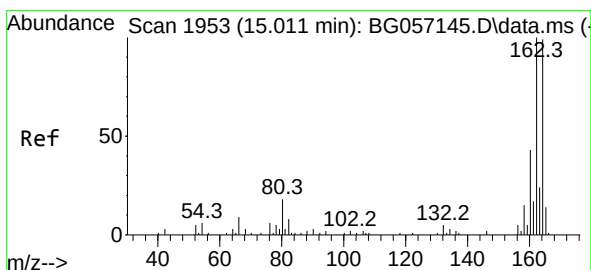
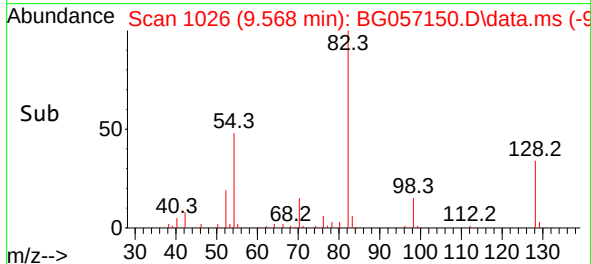
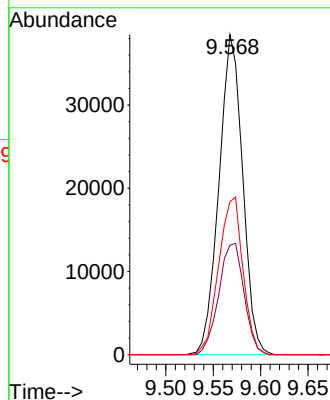
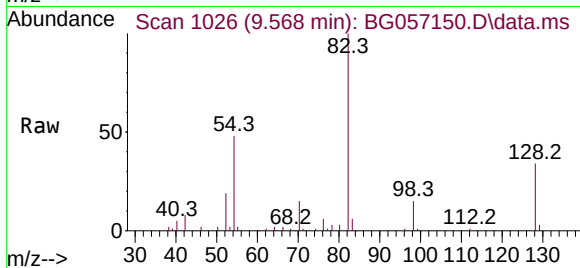
Tgt Ion: 82 Resp: 66655

Ion Ratio Lower Upper

82 100

128 34.2 27.4 41.0

54 47.8 40.4 60.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.001 min Scan# 1951

Delta R.T. -0.009 min

Lab File: BG057150.D

Acq: 20 Apr 2023 17:41

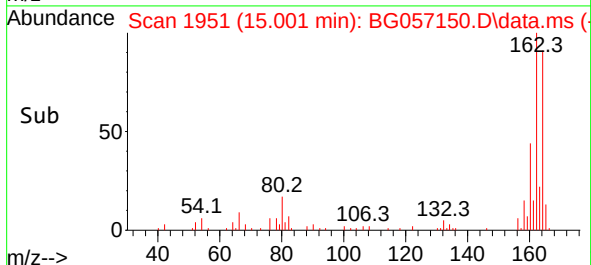
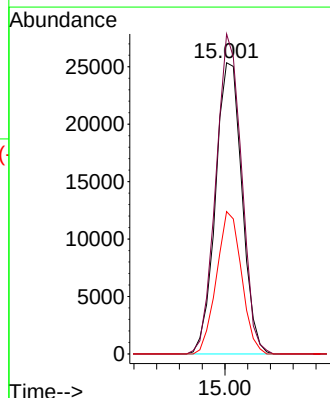
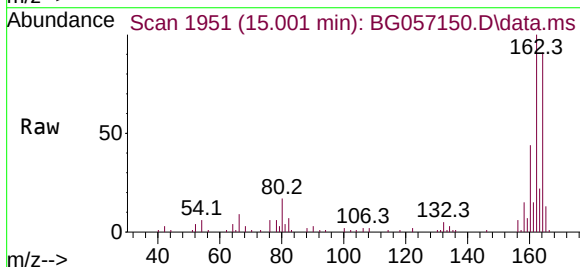
Tgt Ion:164 Resp: 40958

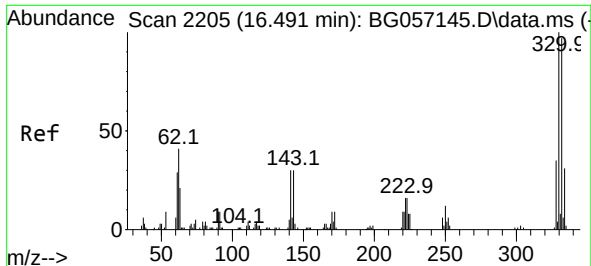
Ion Ratio Lower Upper

164 100

162 109.9 81.0 121.4

160 48.9 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 122.316 ng

RT: 16.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057150.D

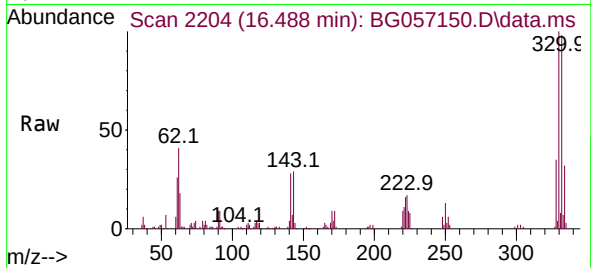
Acq: 20 Apr 2023 17:41

Instrument :

BNA_G

ClientSampleId :

PB152259BL



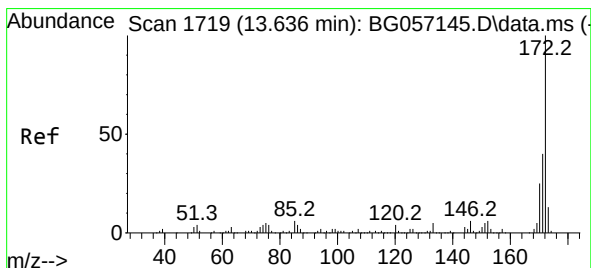
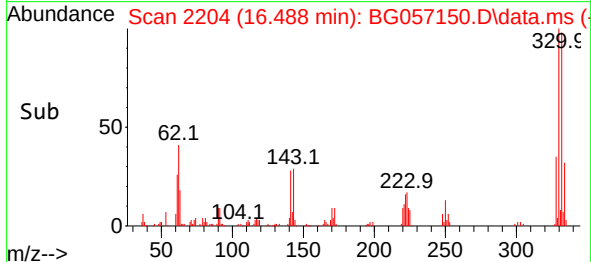
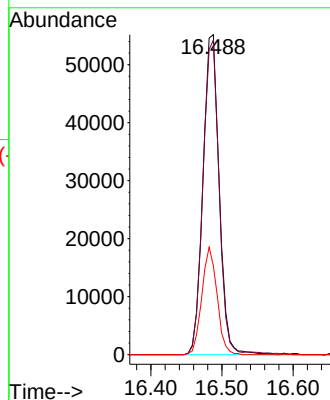
Tgt Ion:330 Resp: 87032

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 31.3 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 76.442 ng

RT: 13.633 min Scan# 1718

Delta R.T. -0.003 min

Lab File: BG057150.D

Acq: 20 Apr 2023 17:41

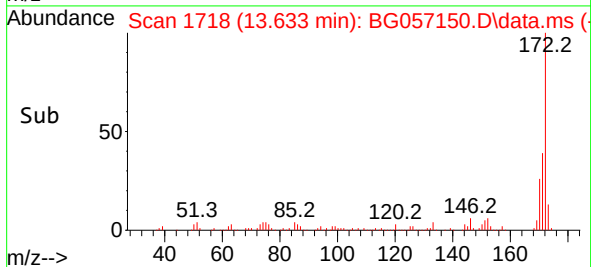
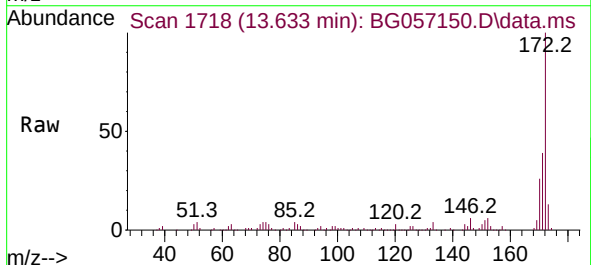
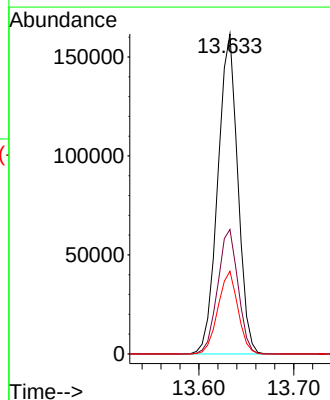
Tgt Ion:172 Resp: 236150

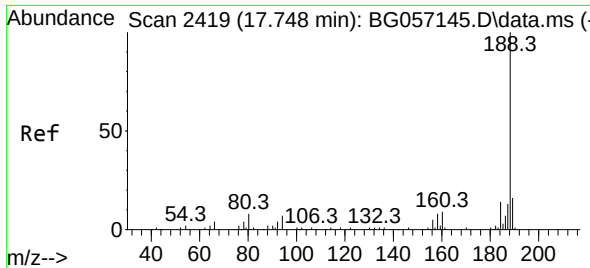
Ion Ratio Lower Upper

172 100

171 38.9 31.8 47.8

170 25.8 19.9 29.9

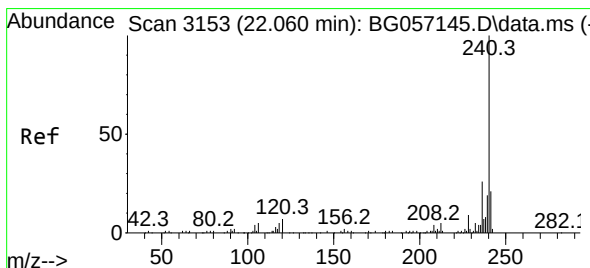
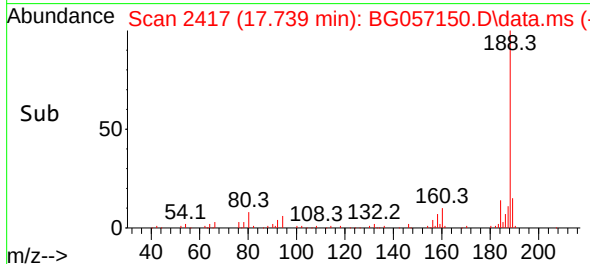
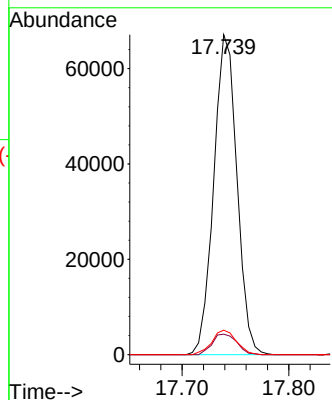
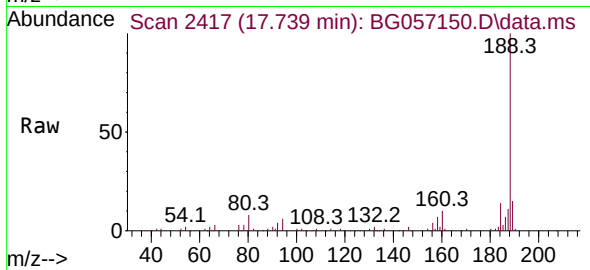




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.739 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

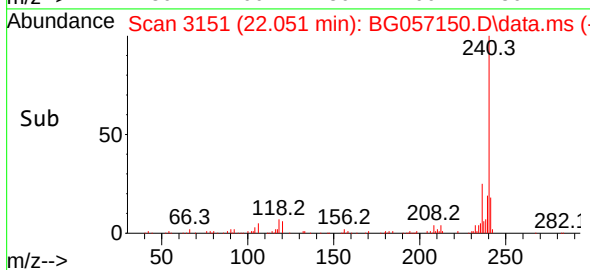
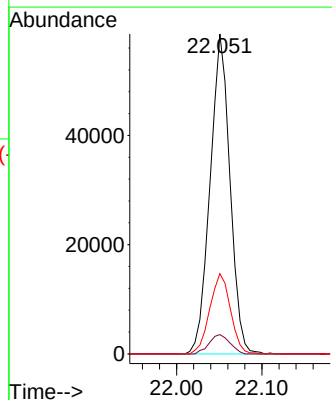
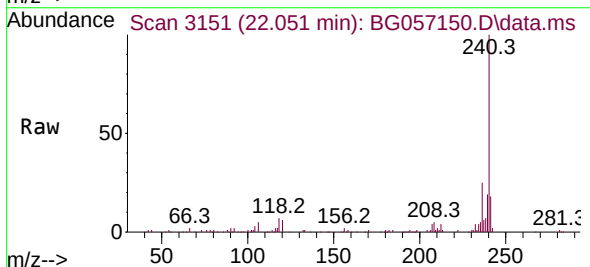
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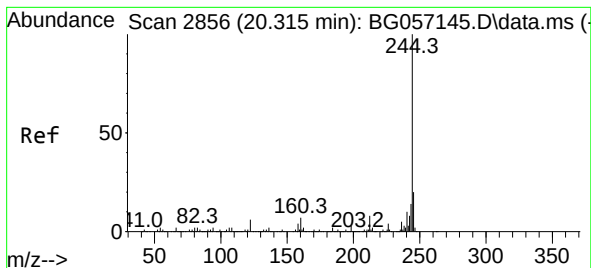
Tgt Ion:188 Resp: 101662
Ion Ratio Lower Upper
188 100
94 6.4 5.5 8.3
80 7.6 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.051 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BG057150.D
Acq: 20 Apr 2023 17:41

Tgt Ion:240 Resp: 94758
Ion Ratio Lower Upper
240 100
120 6.0 5.2 7.8
236 25.1 20.8 31.2





#79

Terphenyl-d14

Concen: 89.401 ng

RT: 20.312 min Scan# 2856

Delta R.T. -0.003 min

Lab File: BG057150.D

Acq: 20 Apr 2023 17:41

Instrument :

BNA_G

ClientSampleId :

PB152259BL

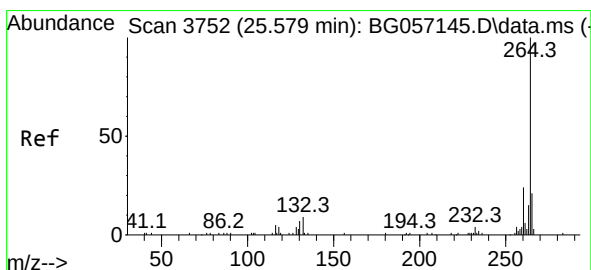
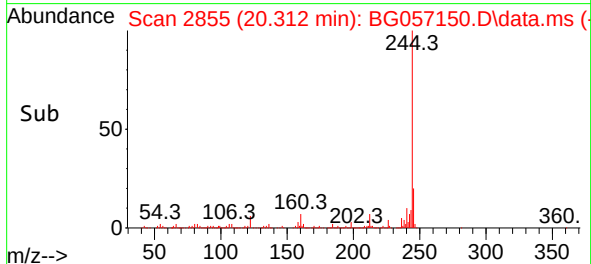
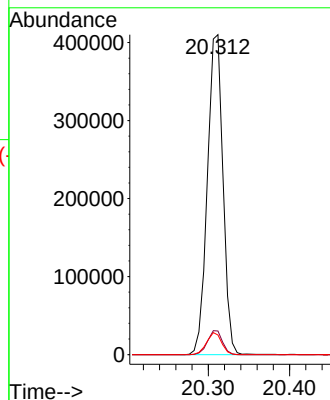
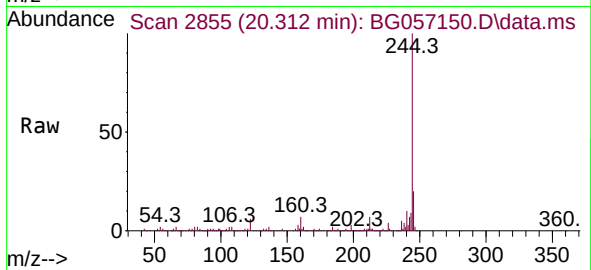
Tgt Ion:244 Resp: 547322

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.1 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.570 min Scan# 3750

Delta R.T. -0.009 min

Lab File: BG057150.D

Acq: 20 Apr 2023 17:41

Tgt Ion:264 Resp: 99869

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 20.9 17.6 26.4

