

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
 Data File : BG057012.D
 Acq On : 6 Apr 2023 14:47
 Operator : CG/JU
 Sample : 02208-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124035

Quant Time: Apr 07 01:37:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 01:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	15200	20.000	ng	0.00
21) Naphthalene-d8	11.250	136	54962	20.000	ng	# 0.00
39) Acenaphthene-d10	15.022	164	39546	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	87762	20.000	ng	0.00
76) Chrysene-d12	22.077	240	81526	20.000	ng	-0.01
86) Perylene-d12	25.613	264	92934	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	77792	81.909	ng	0.00
7) Phenol-d6	7.544	99	166150	116.970	ng	0.00
23) Nitrobenzene-d5	9.588	82	129958	96.750	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	52301	82.786	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	218535	74.934	ng	0.00
79) Terphenyl-d14	20.326	244	319613	66.339	ng	0.00

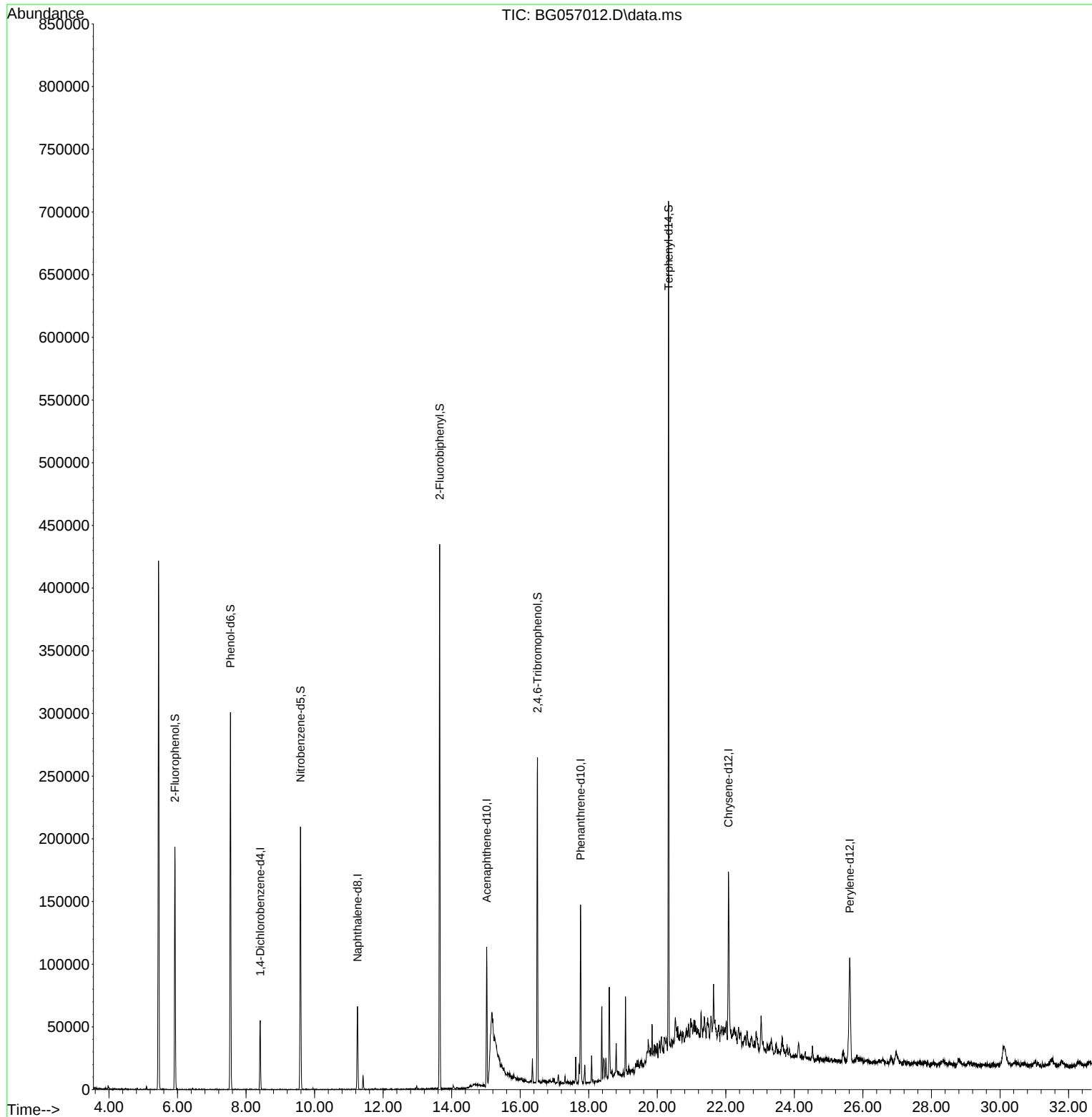
Target Compounds	Qvalue

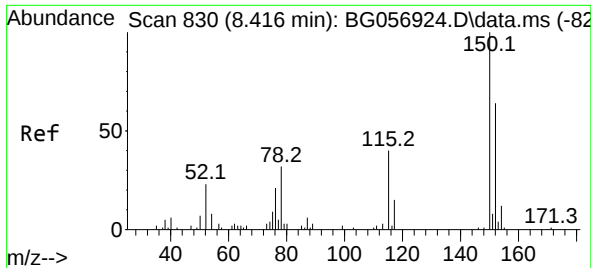
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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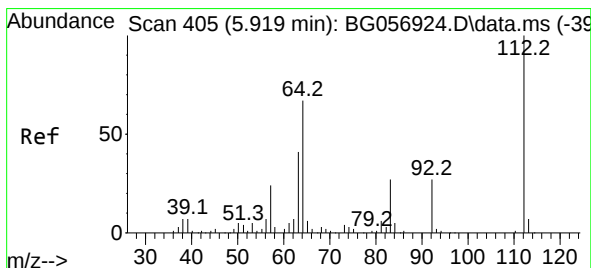
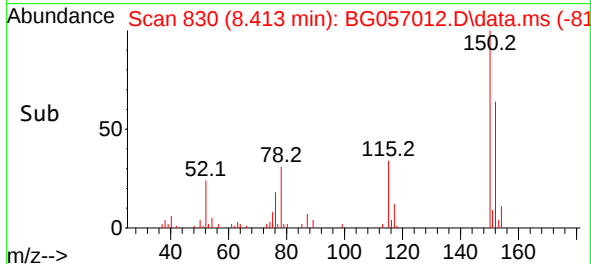
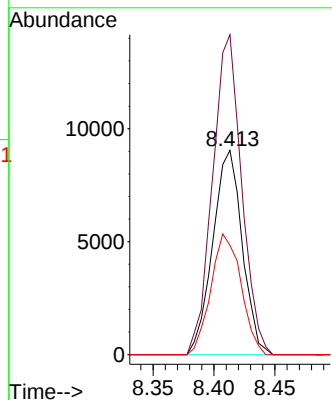
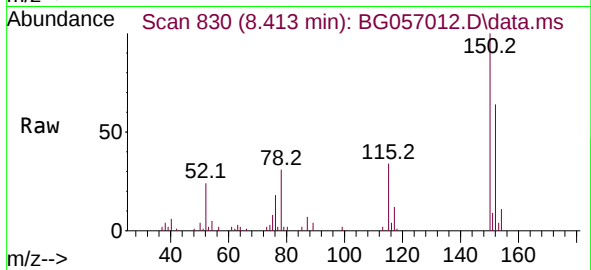




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057012.D
Acq: 6 Apr 2023 14:47

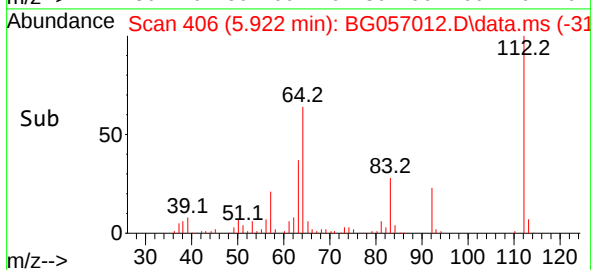
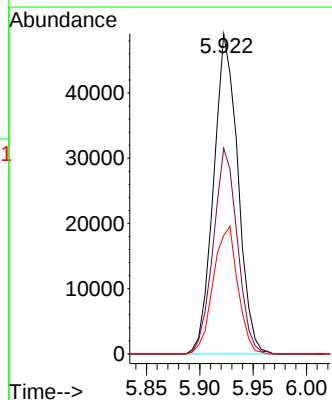
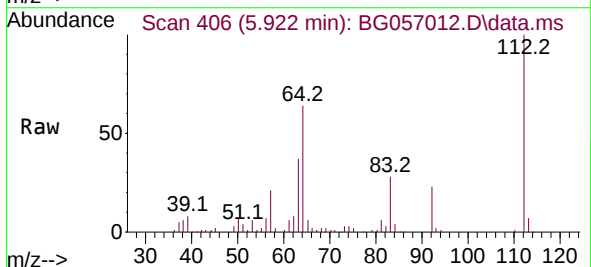
Instrument :
BNA_G
ClientSampleId :
RO-124035

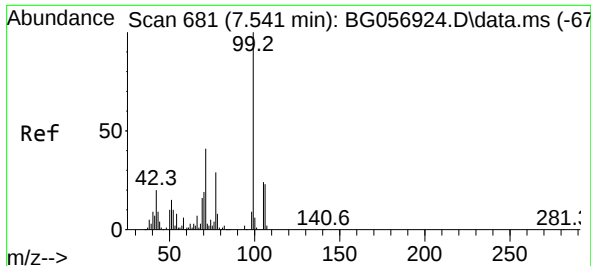
Tgt Ion:152 Resp: 15200
Ion Ratio Lower Upper
152 100
150 156.7 124.1 186.1
115 53.5 49.1 73.7



#5
2-Fluorophenol
Concen: 81.909 ng
RT: 5.922 min Scan# 406
Delta R.T. 0.006 min
Lab File: BG057012.D
Acq: 6 Apr 2023 14:47

Tgt Ion:112 Resp: 77792
Ion Ratio Lower Upper
112 100
64 64.2 53.2 79.8
63 37.0 32.6 48.8

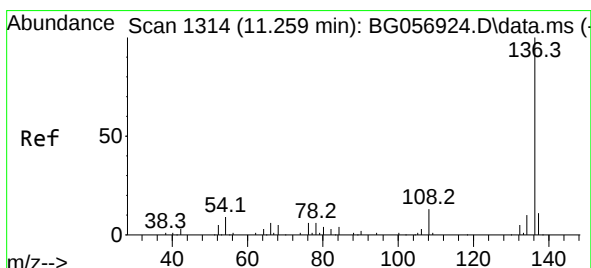
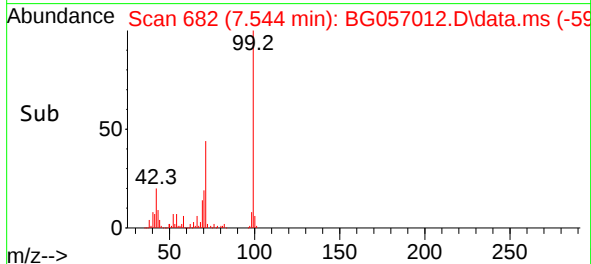
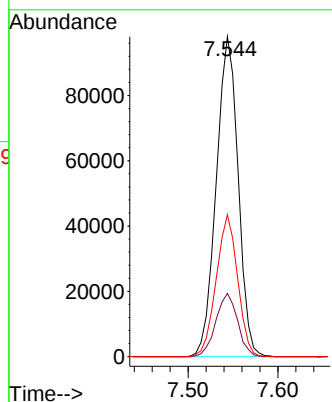
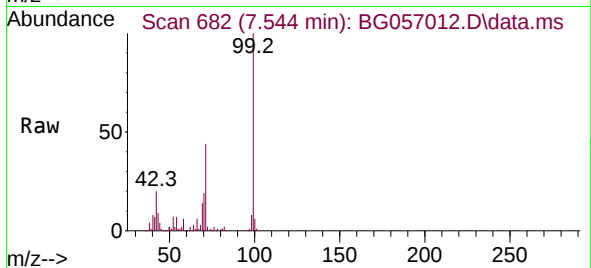




#7
Phenol-d6
Concen: 116.970 ng
RT: 7.544 min Scan# 681
Delta R.T. -0.000 min
Lab File: BG057012.D
Acq: 6 Apr 2023 14:47

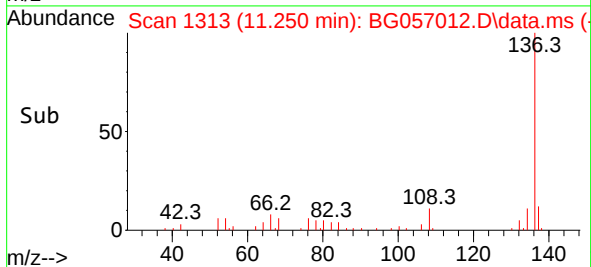
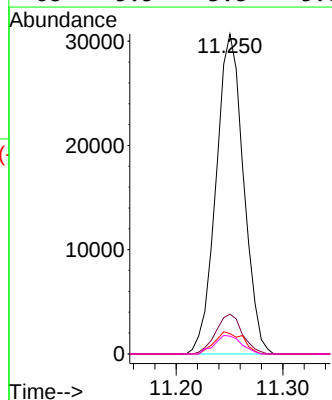
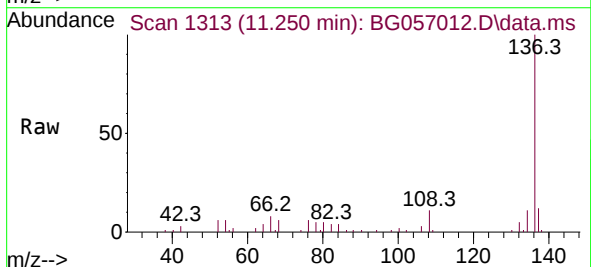
Instrument :
BNA_G
ClientSampleId :
RO-124035

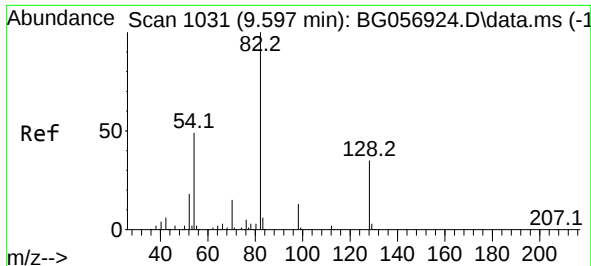
Tgt Ion: 99 Resp: 166150
Ion Ratio Lower Upper
99 100
42 19.8 15.7 23.5
71 44.3 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.250 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BG057012.D
Acq: 6 Apr 2023 14:47

Tgt Ion: 136 Resp: 54962
Ion Ratio Lower Upper
136 100
137 12.4 8.6 13.0
54 6.3 6.9 10.3#
68 5.5 3.8 5.6





#23

Nitrobenzene-d5

Concen: 96.750 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BG057012.D

Acq: 6 Apr 2023 14:47

Instrument :

BNA_G

ClientSampleId :

RO-124035

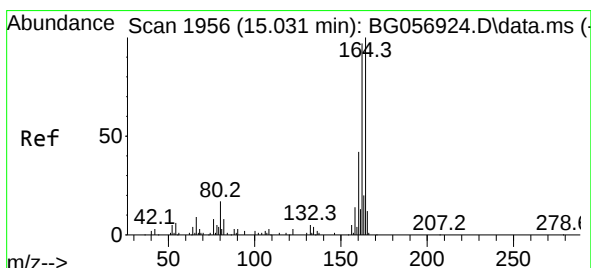
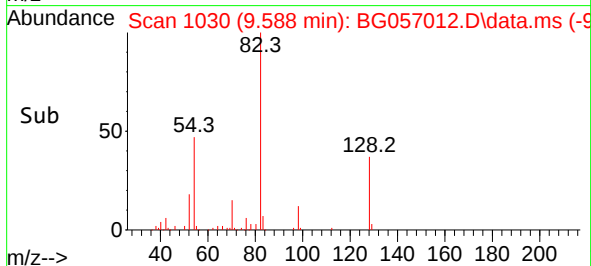
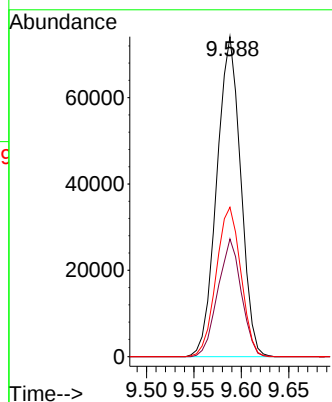
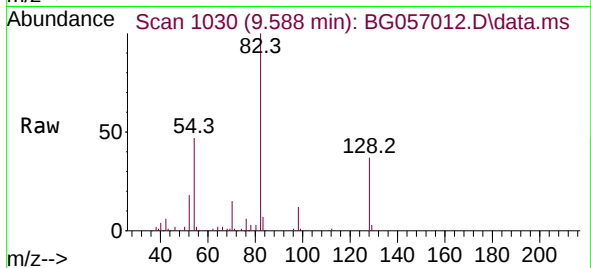
Tgt Ion: 82 Resp: 129958

Ion Ratio Lower Upper

82 100

128 36.8 27.9 41.9

54 46.7 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BG057012.D

Acq: 6 Apr 2023 14:47

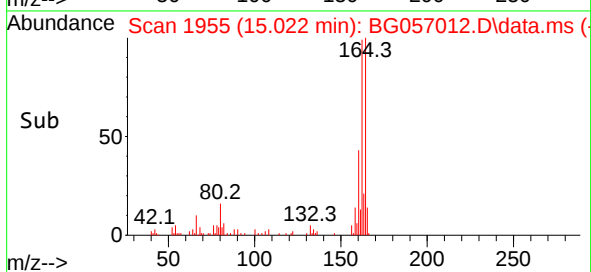
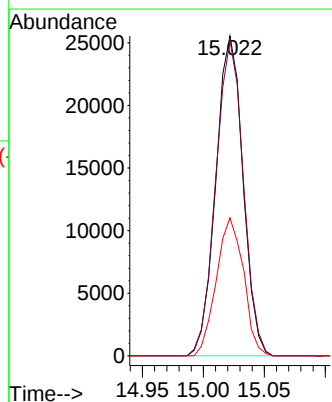
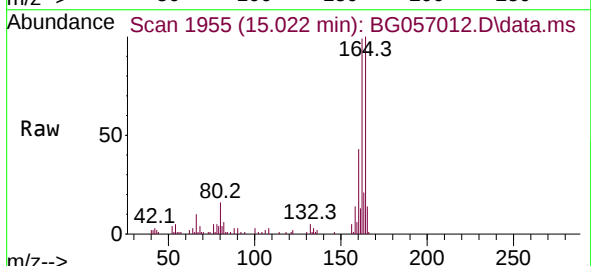
Tgt Ion: 164 Resp: 39546

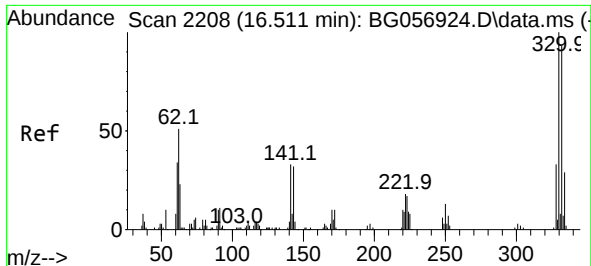
Ion Ratio Lower Upper

164 100

162 98.6 77.8 116.8

160 43.1 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 82.786 ng

RT: 16.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057012.D

Acq: 6 Apr 2023 14:47

Instrument :

BNA_G

ClientSampleId :

RO-124035

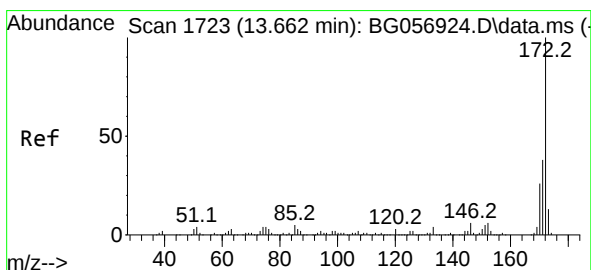
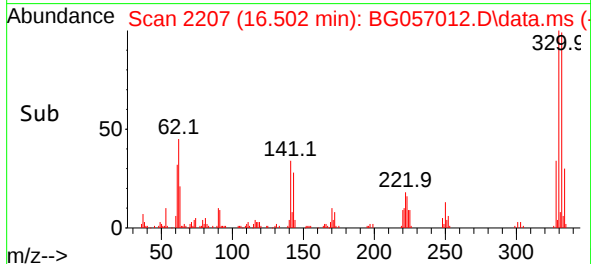
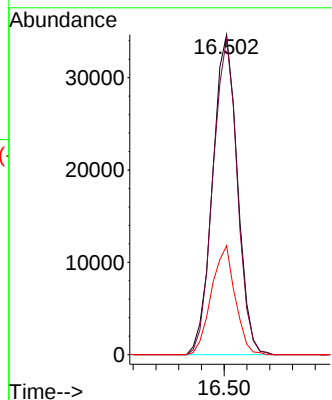
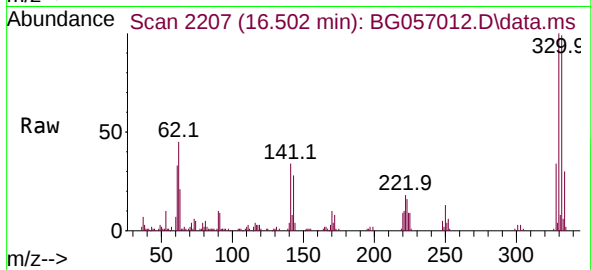
Tgt Ion:330 Resp: 52301

Ion Ratio Lower Upper

330 100

332 96.9 76.1 114.1

141 32.6 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 74.934 ng

RT: 13.647 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BG057012.D

Acq: 6 Apr 2023 14:47

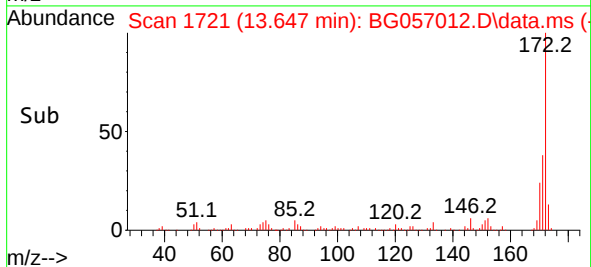
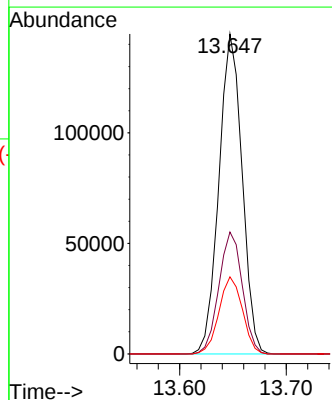
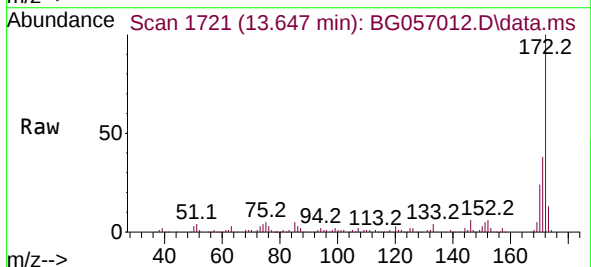
Tgt Ion:172 Resp: 218535

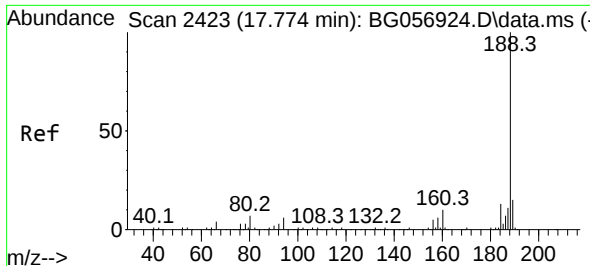
Ion Ratio Lower Upper

172 100

171 38.1 30.6 46.0

170 24.1 20.6 30.8

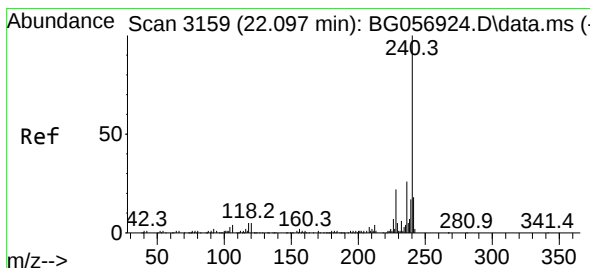
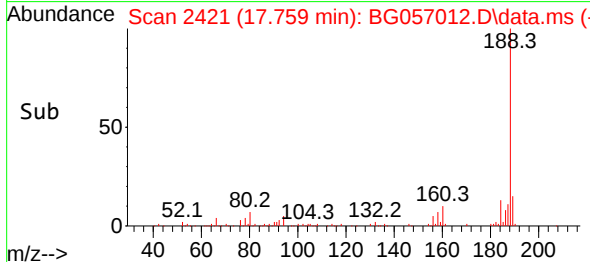
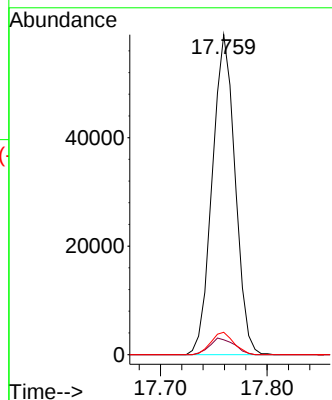
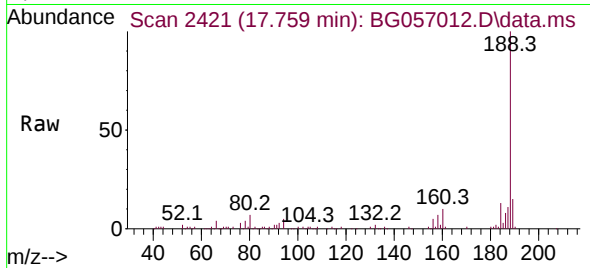




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.759 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BG057012.D
Acq: 6 Apr 2023 14:47

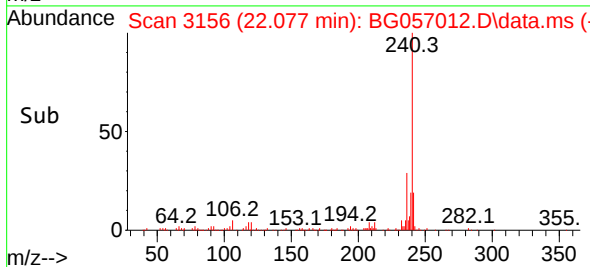
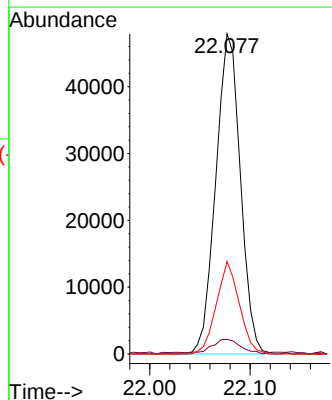
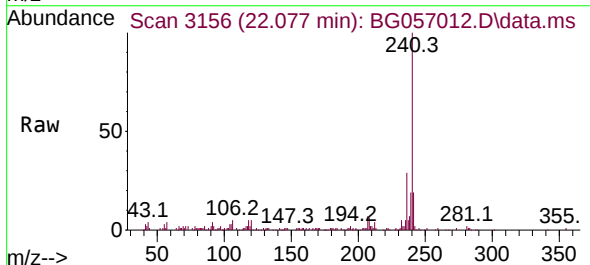
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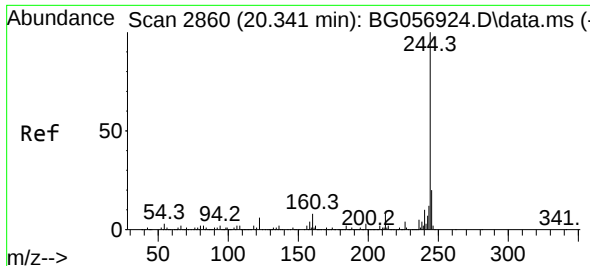
Tgt Ion:188 Resp: 87762
Ion Ratio Lower Upper
188 100
94 4.6 4.6 6.8
80 7.0 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BG057012.D
Acq: 6 Apr 2023 14:47

Tgt Ion:240 Resp: 81526
Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.6
236 28.9 21.0 31.6





#79

Terphenyl-d14

Concen: 66.339 ng

RT: 20.326 min Scan# 2858

Delta R.T. -0.006 min

Lab File: BG057012.D

Acq: 6 Apr 2023 14:47

Instrument :

BNA_G

ClientSampleId :

RO-124035

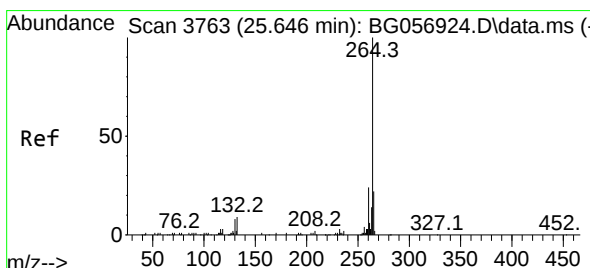
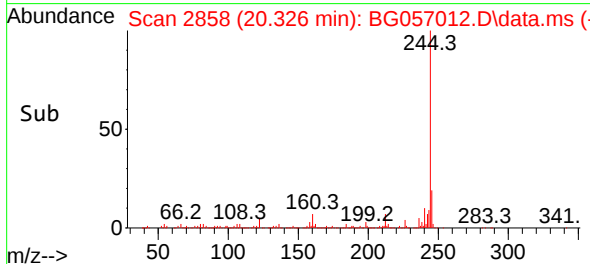
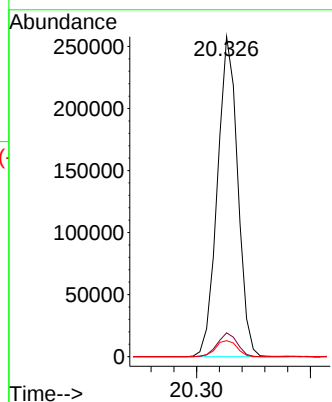
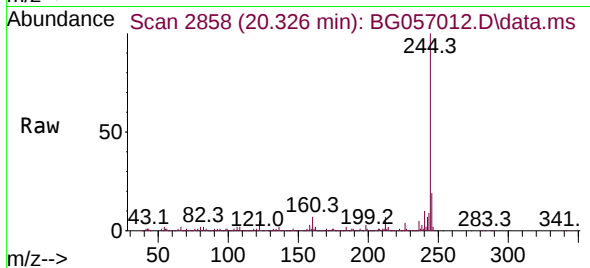
Tgt Ion:244 Resp: 319613

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 5.0 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.613 min Scan# 3758

Delta R.T. -0.012 min

Lab File: BG057012.D

Acq: 6 Apr 2023 14:47

Tgt Ion:264 Resp: 92934

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 21.8 17.8 26.6

