

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057429.D
 Acq On : 13 May 2023 6:07
 Operator : CG/JU
 Sample : PB152613TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152613TB

Quant Time: May 13 06:44:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	15468	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	61721	20.000	ng	0.00
39) Acenaphthene-d10	14.973	164	49732	20.000	ng	0.00
64) Phenanthrene-d10	17.716	188	138575	20.000	ng	0.00
76) Chrysene-d12	22.022	240	132557	20.000	ng	-0.01
86) Perylene-d12	25.523	264	136895	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	132058	146.043	ng	0.00
7) Phenol-d6	7.506	99	193735	141.091	ng	0.00
23) Nitrobenzene-d5	9.539	82	121097	82.347	ng	0.00
42) 2,4,6-Tribromophenol	16.459	330	110306	156.319	ng	0.00
45) 2-Fluorobiphenyl	13.598	172	331669	89.820	ng	0.00
79) Terphenyl-d14	20.283	244	729709	89.835	ng	0.00

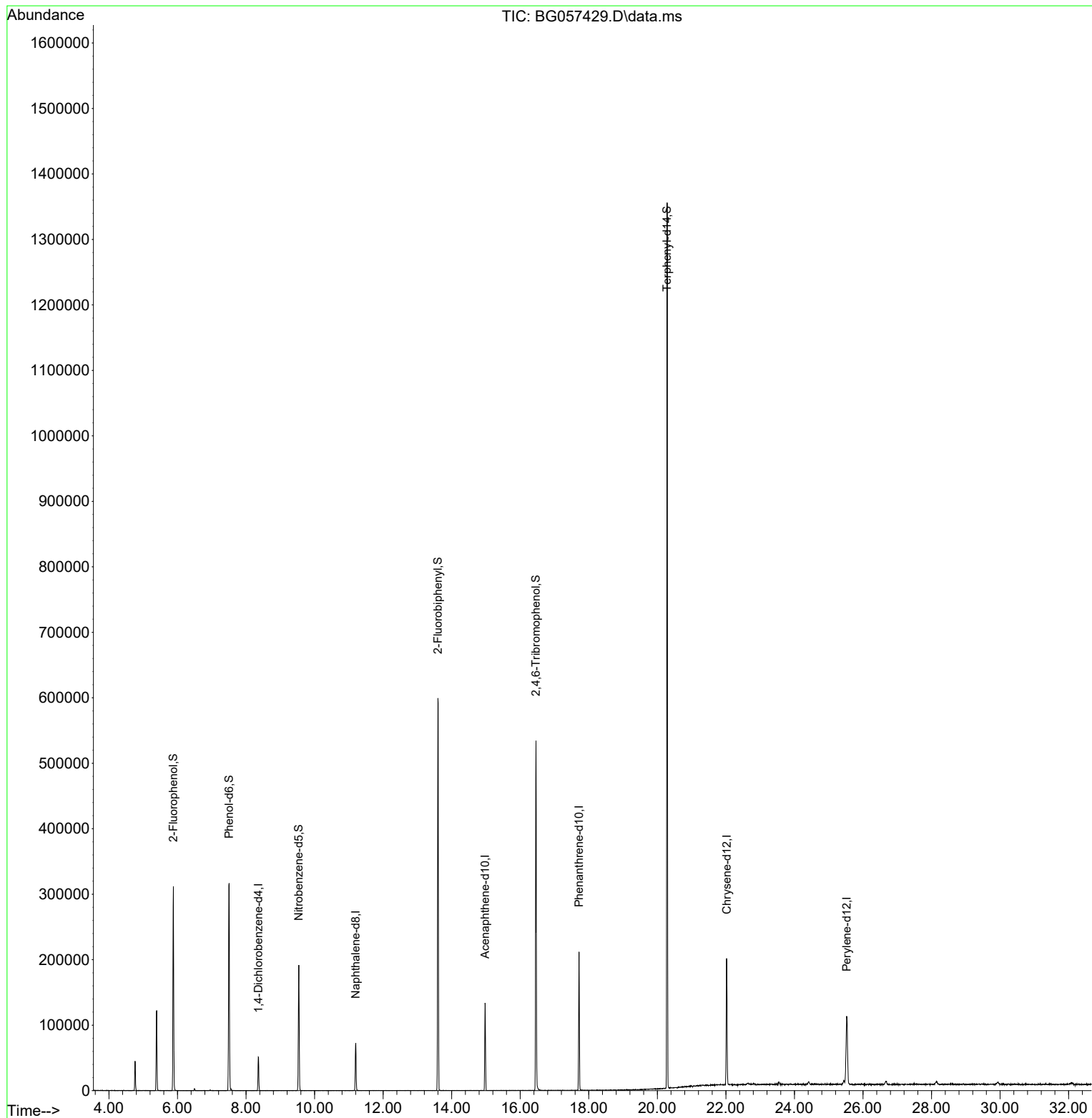
Target Compounds	Qvalue

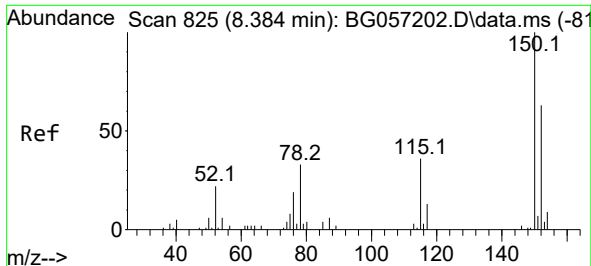
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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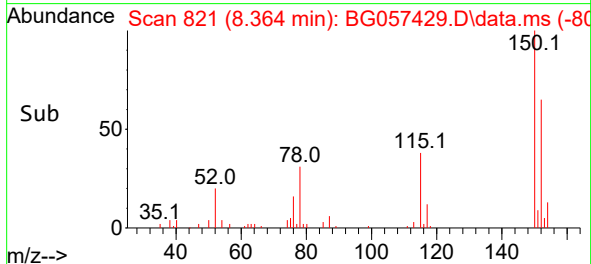
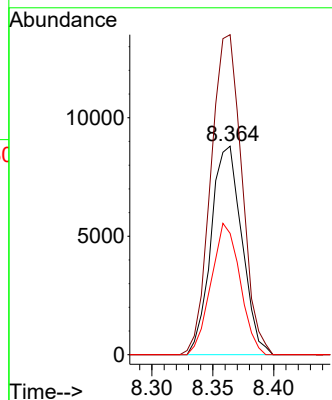
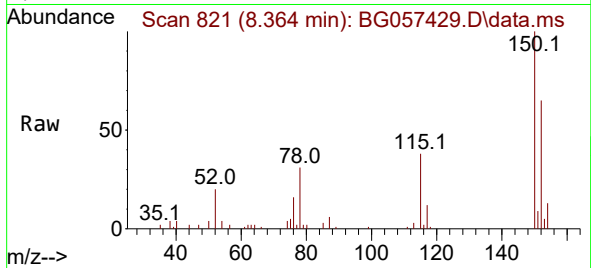




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.364 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057429.D
Acq: 13 May 2023 6:07

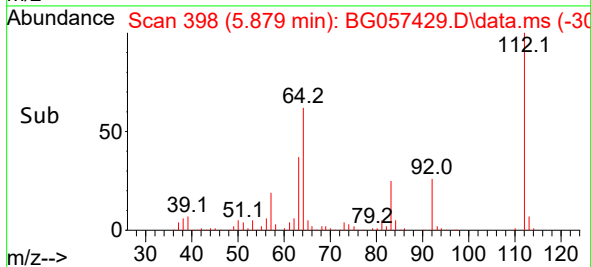
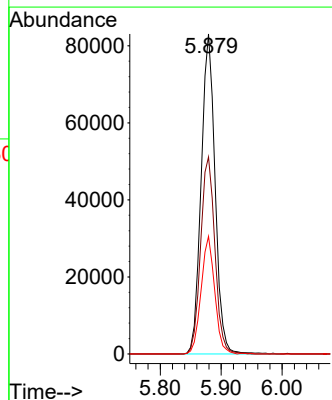
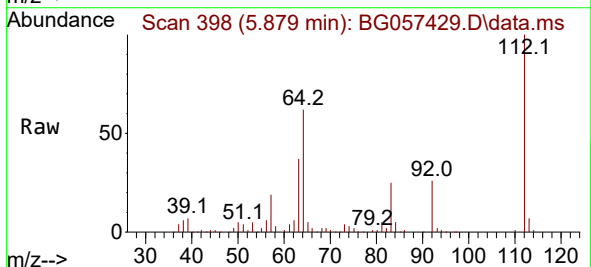
Instrument :
BNA_G
ClientSampleId :
PB152613TB

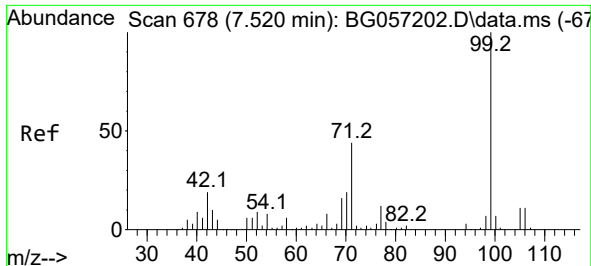
Tgt Ion:152 Resp: 15468
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.4
115 58.2 45.0 67.4



#5
2-Fluorophenol
Concen: 146.043 ng
RT: 5.879 min Scan# 398
Delta R.T. 0.001 min
Lab File: BG057429.D
Acq: 13 May 2023 6:07

Tgt Ion:112 Resp: 132058
Ion Ratio Lower Upper
112 100
64 61.6 49.4 74.2
63 36.7 31.6 47.4

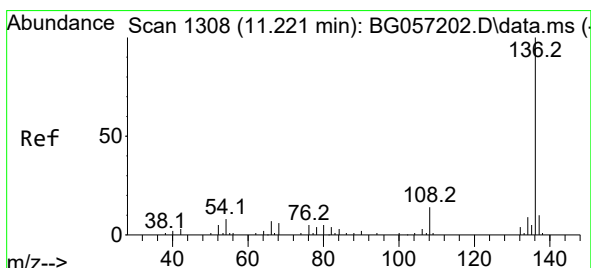
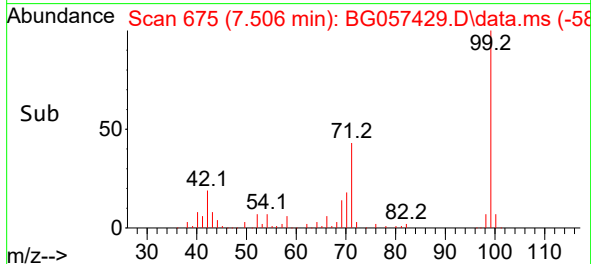
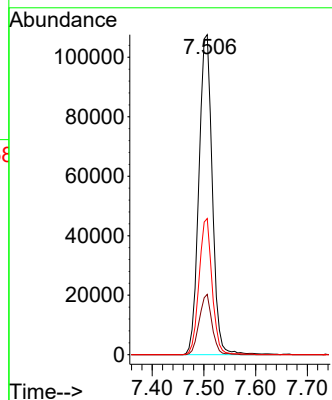
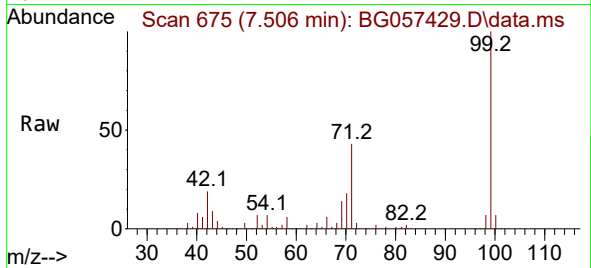




#7
Phenol-d6
Concen: 141.091 ng
RT: 7.506 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057429.D
Acq: 13 May 2023 6:07

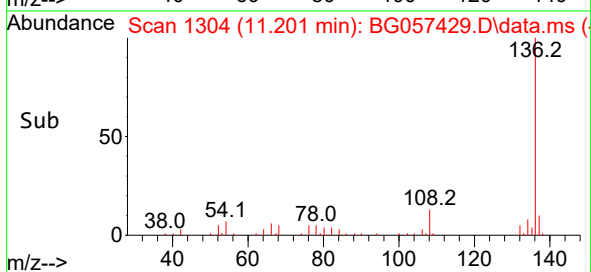
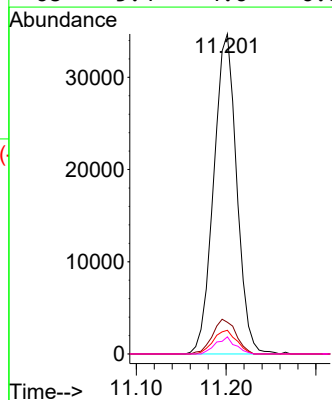
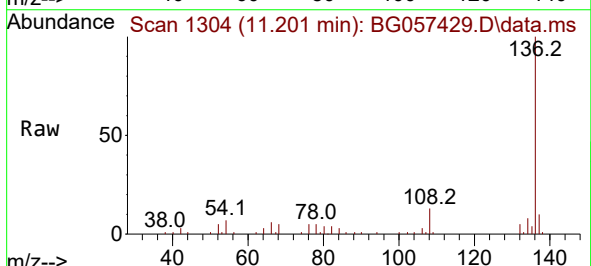
Instrument :
BNA_G
ClientSampleId :
PB152613TB

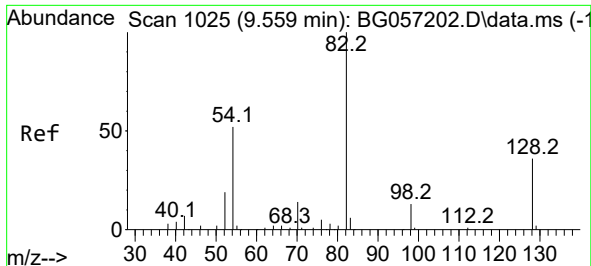
Tgt Ion: 99 Resp: 193735
Ion Ratio Lower Upper
99 100
42 18.8 15.1 22.7
71 42.6 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.201 min Scan# 1304
Delta R.T. 0.001 min
Lab File: BG057429.D
Acq: 13 May 2023 6:07

Tgt Ion: 136 Resp: 61721
Ion Ratio Lower Upper
136 100
137 9.9 8.3 12.5
54 7.4 6.7 10.1
68 5.4 4.6 6.8





#23
Nitrobenzene-d5
Concen: 82.347 ng
RT: 9.539 min Scan# 1021
Delta R.T. -0.005 min
Lab File: BG057429.D
Acq: 13 May 2023 6:07

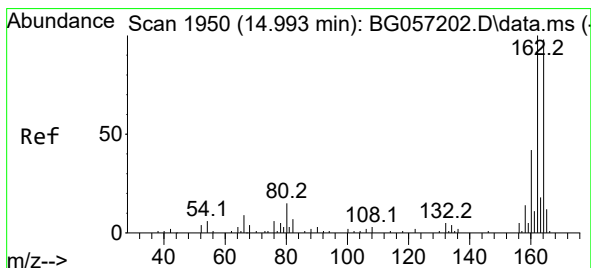
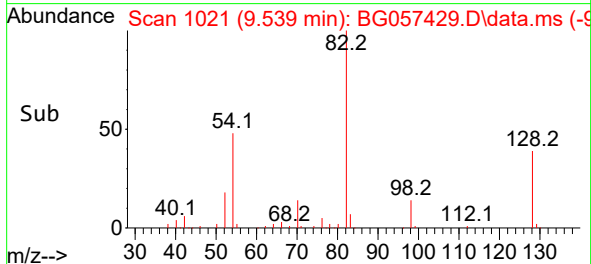
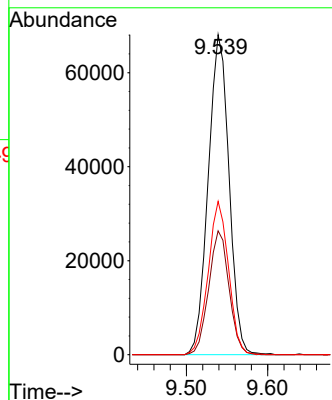
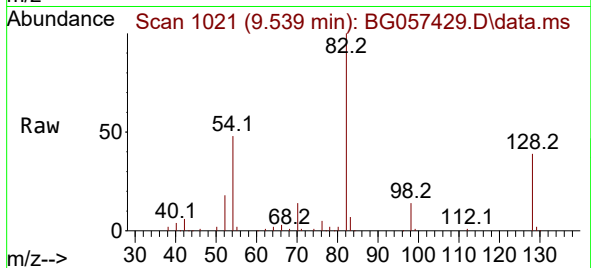
Instrument :

BNA_G

ClientSampleId :

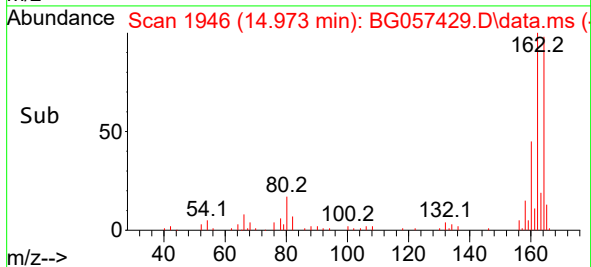
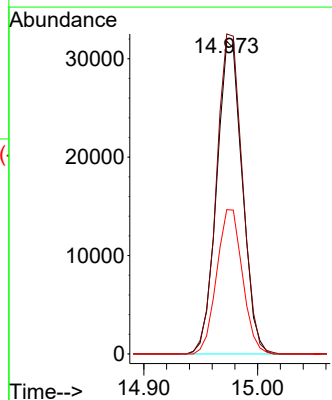
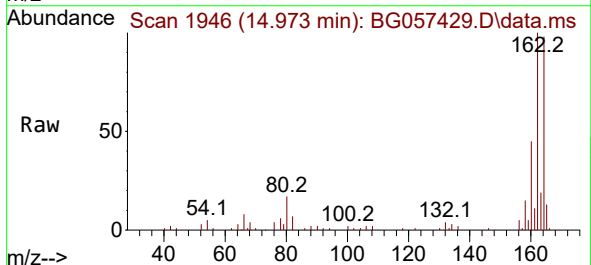
PB152613TB

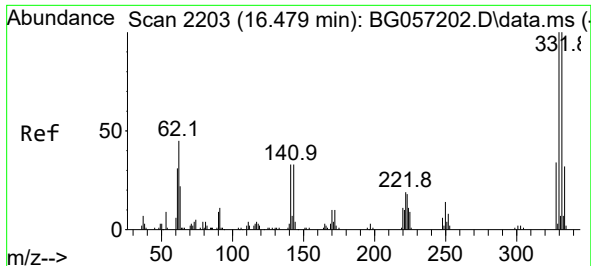
Tgt Ion: 82 Resp: 121097
Ion Ratio Lower Upper
82 100
128 38.7 29.0 43.4
54 47.9 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.973 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG057429.D
Acq: 13 May 2023 6:07

Tgt Ion:164 Resp: 49732
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 46.1 34.6 52.0

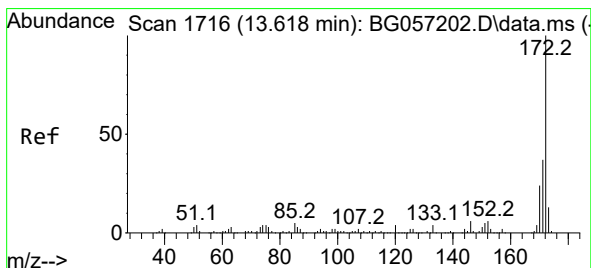
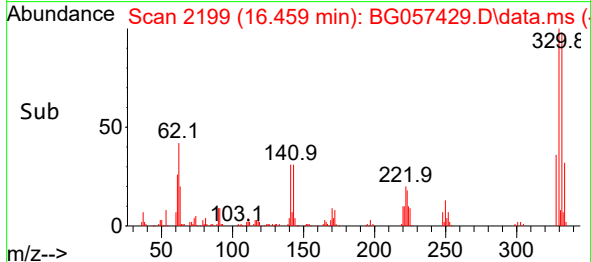
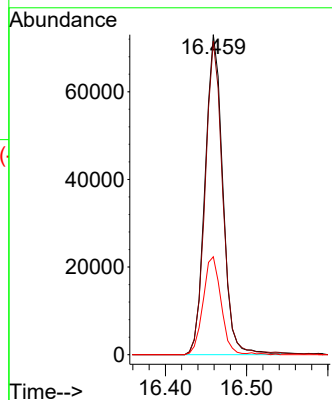
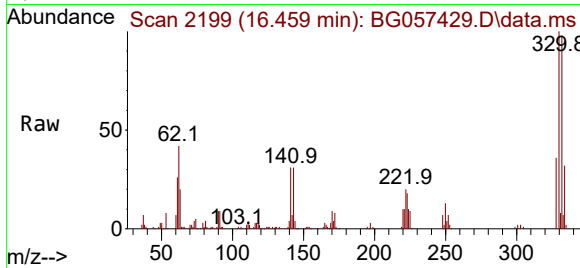




#42
2,4,6-Tribromophenol
Concen: 156.319 ng
RT: 16.459 min Scan# 2199
Delta R.T. -0.005 min
Lab File: BG057429.D
Acq: 13 May 2023 6:07

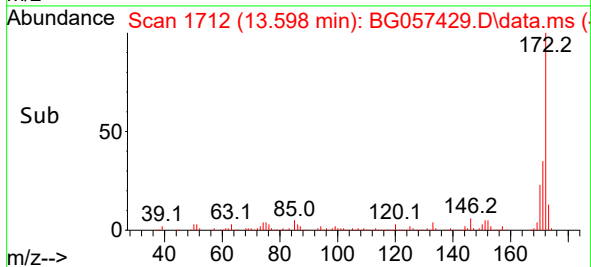
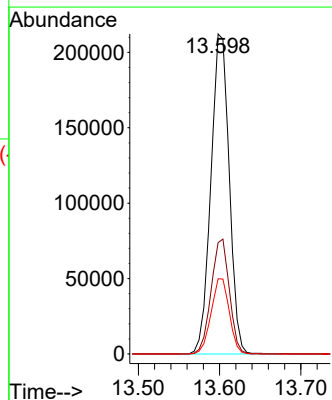
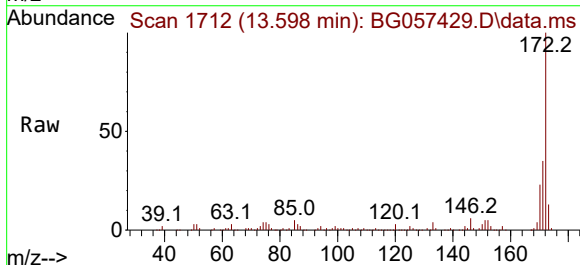
Instrument :
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ClientSampleId :
PB152613TB

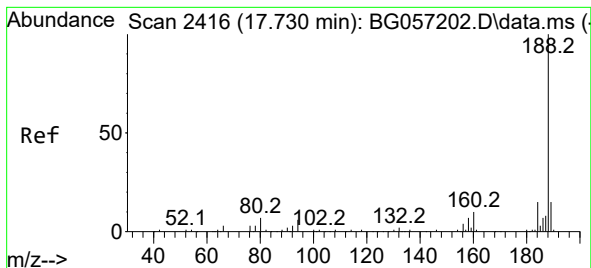
Tgt Ion:330 Resp: 110306
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.2
141 30.9 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 89.820 ng
RT: 13.598 min Scan# 1712
Delta R.T. -0.005 min
Lab File: BG057429.D
Acq: 13 May 2023 6:07

Tgt Ion:172 Resp: 331669
Ion Ratio Lower Upper
172 100
171 34.8 29.4 44.0
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.716 min Scan# 2416

Delta R.T. -0.005 min

Lab File: BG057429.D

Acq: 13 May 2023 6:07

Instrument :

BNA_G

ClientSampleId :

PB152613TB

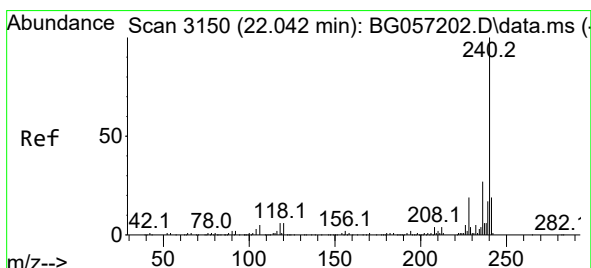
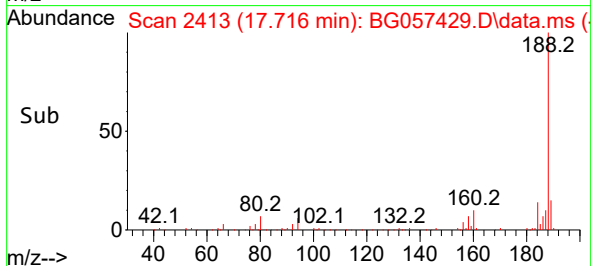
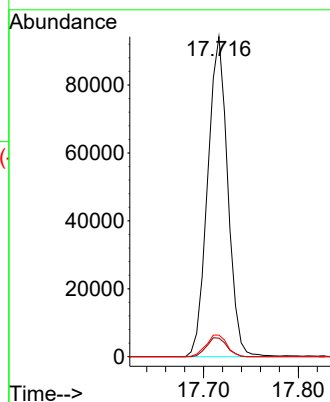
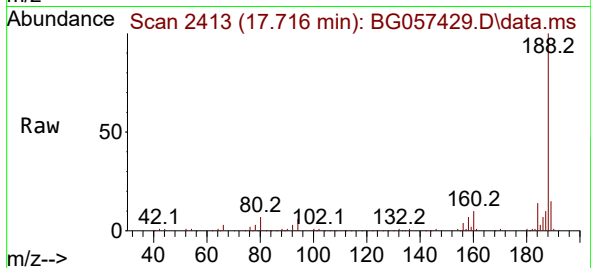
Tgt Ion:188 Resp: 138575

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

80 6.8 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.022 min Scan# 3146

Delta R.T. -0.011 min

Lab File: BG057429.D

Acq: 13 May 2023 6:07

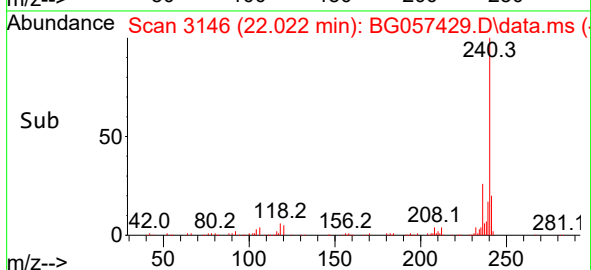
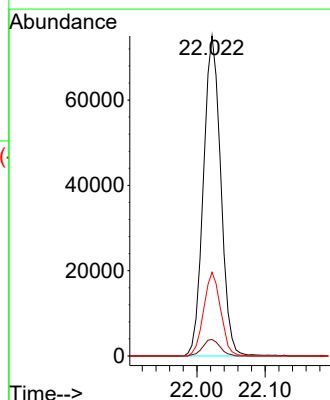
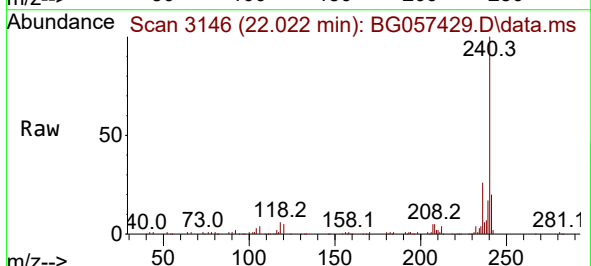
Tgt Ion:240 Resp: 132557

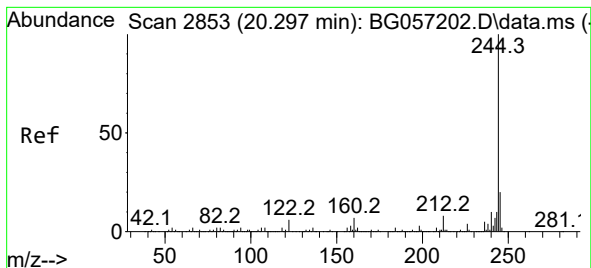
Ion Ratio Lower Upper

240 100

120 5.2 4.9 7.3

236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 89.835 ng

RT: 20.283 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057429.D

Acq: 13 May 2023 6:07

Instrument :

BNA_G

ClientSampleId :

PB152613TB

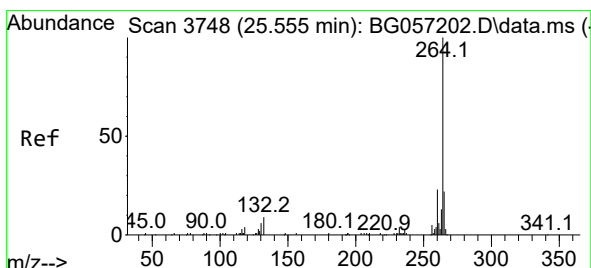
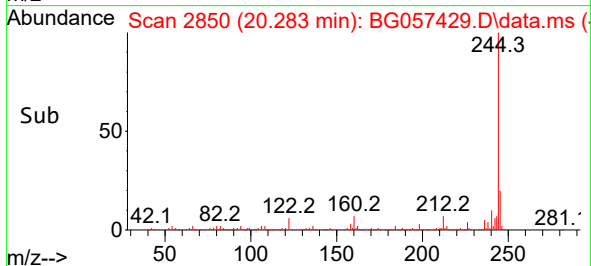
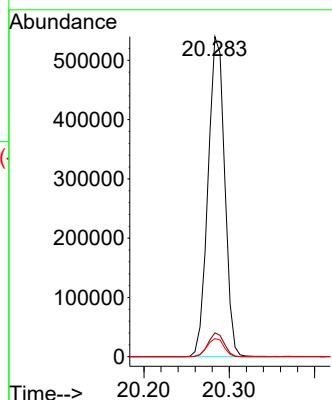
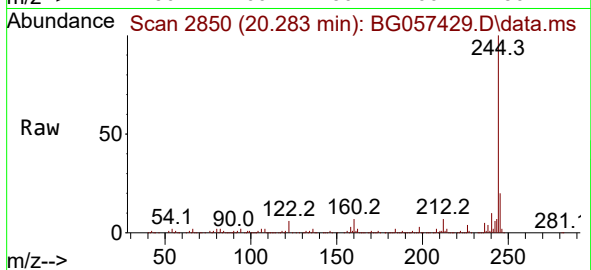
Tgt Ion:244 Resp: 729709

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 5.7 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.523 min Scan# 3742

Delta R.T. -0.011 min

Lab File: BG057429.D

Acq: 13 May 2023 6:07

Tgt Ion:264 Resp: 136895

Ion Ratio Lower Upper

264 100

260 21.6 18.8 28.2

265 21.6 17.9 26.9

