

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057493.D
 Acq On : 22 May 2023 14:30
 Operator : CG/JU
 Sample : 02845-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1

Quant Time: May 22 15:34:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	19237	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	76155	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	55811	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	140630	20.000	ng	0.00
76) Chrysene-d12	22.019	240	127603	20.000	ng	0.00
86) Perylene-d12	25.526	264	135494	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.877	112	107804	95.862	ng	0.00
7) Phenol-d6	7.498	99	158942	93.074	ng	0.00
23) Nitrobenzene-d5	9.536	82	103119	56.831	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	84822	107.112	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	257722	62.192	ng	0.00
79) Terphenyl-d14	20.281	244	482607	61.721	ng	0.00

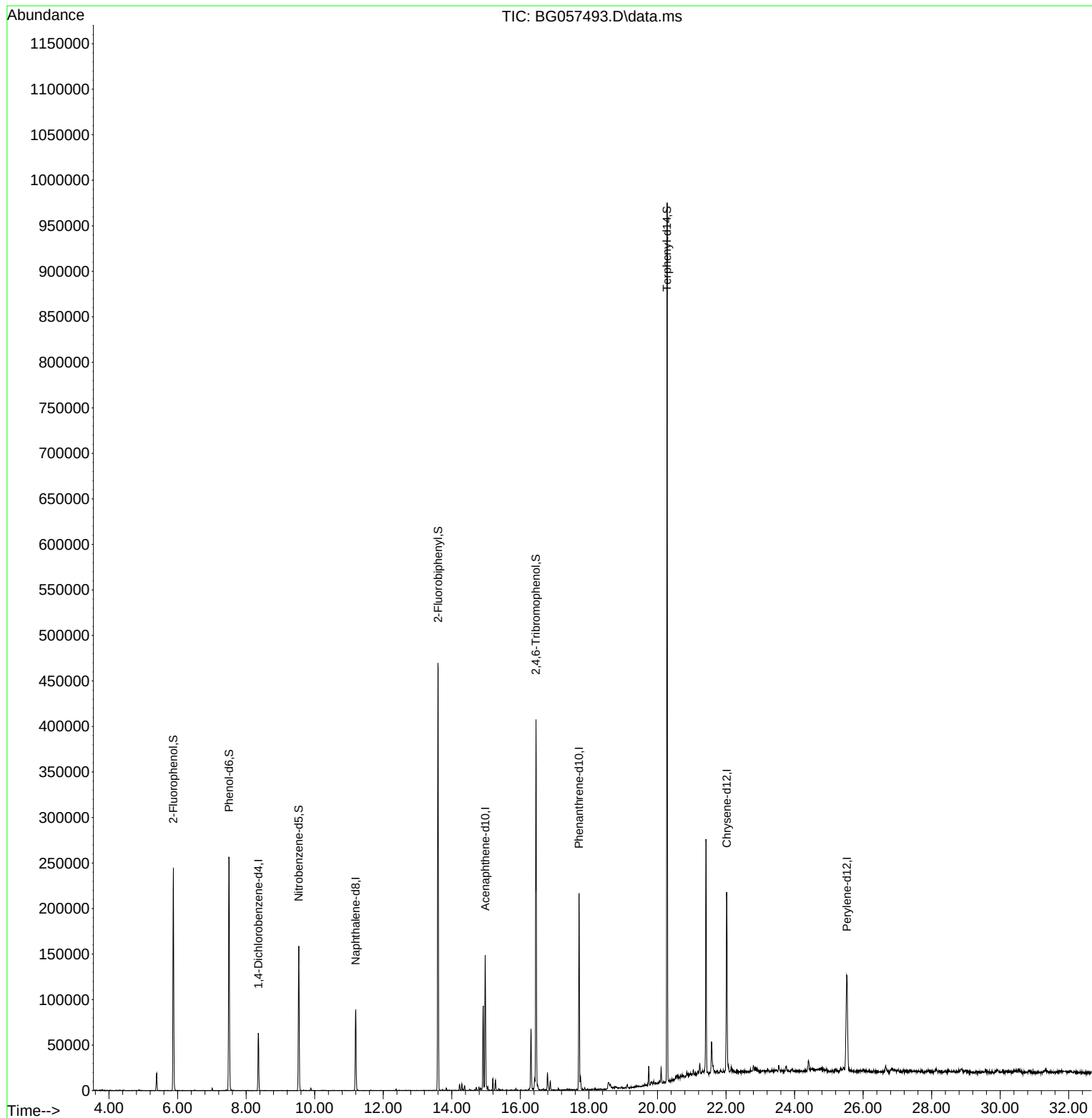
Target Compounds	Qvalue

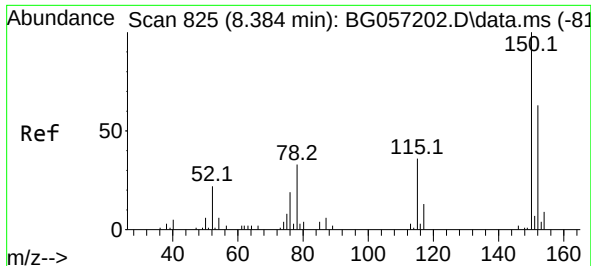
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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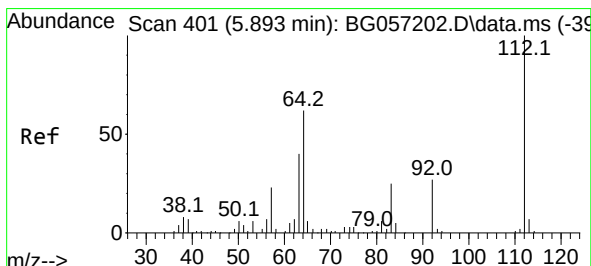
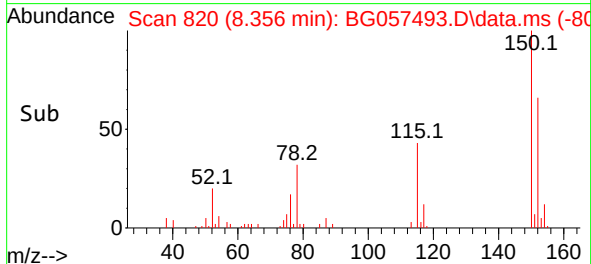
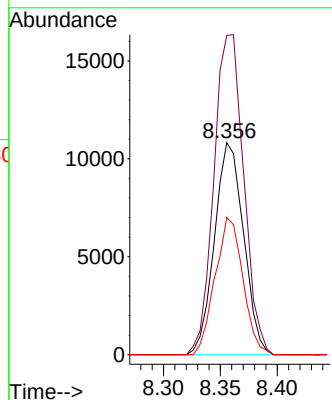
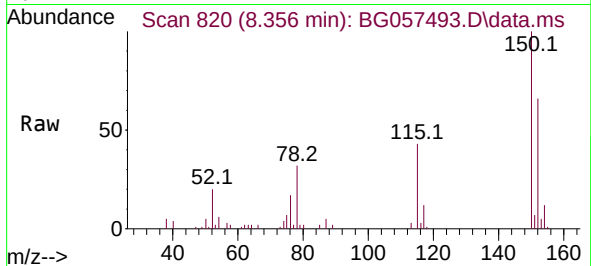




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057493.D
Acq: 22 May 2023 14:30

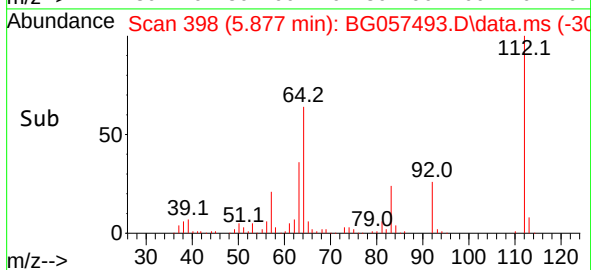
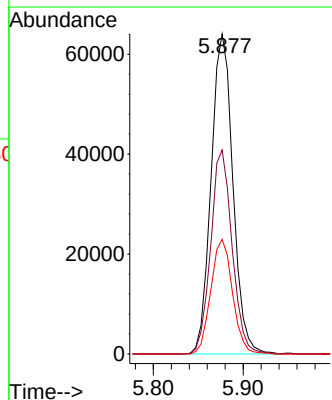
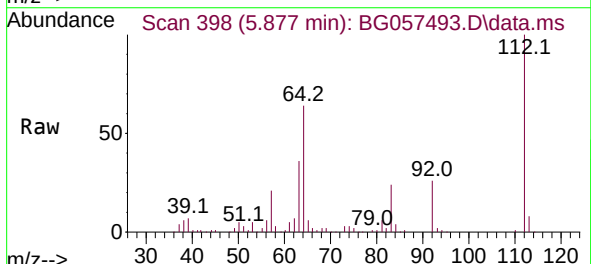
Instrument :
BNA_G
ClientSampleId :
TP1

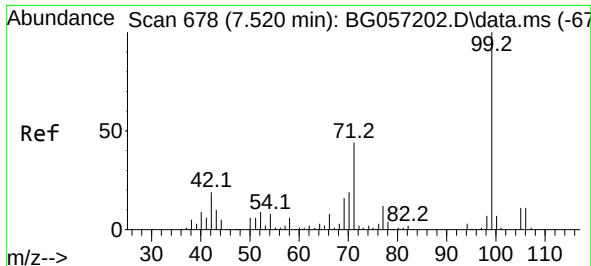
Tgt Ion:152 Resp: 19237
Ion Ratio Lower Upper
152 100
150 150.6 126.2 189.4
115 64.7 45.0 67.4



#5
2-Fluorophenol
Concen: 95.862 ng
RT: 5.877 min Scan# 398
Delta R.T. 0.006 min
Lab File: BG057493.D
Acq: 22 May 2023 14:30

Tgt Ion:112 Resp: 107804
Ion Ratio Lower Upper
112 100
64 63.8 49.4 74.2
63 35.8 31.6 47.4

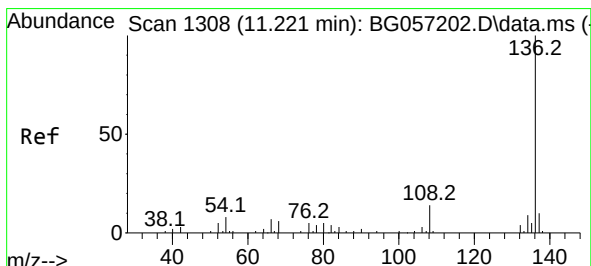
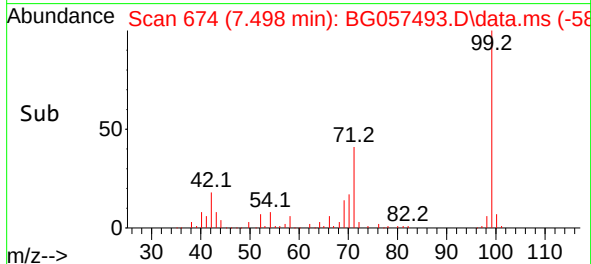
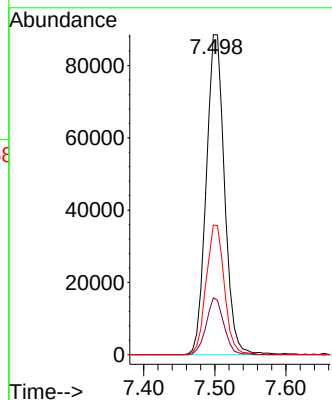
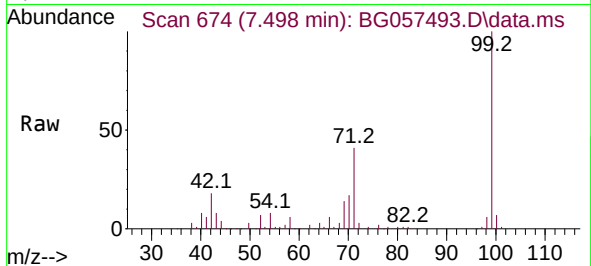




#7
Phenol-d6
Concen: 93.074 ng
RT: 7.498 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057493.D
Acq: 22 May 2023 14:30

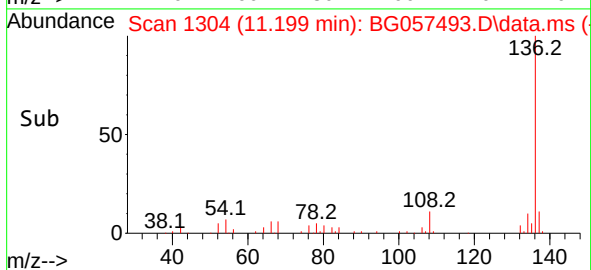
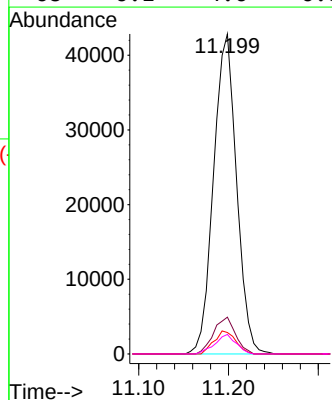
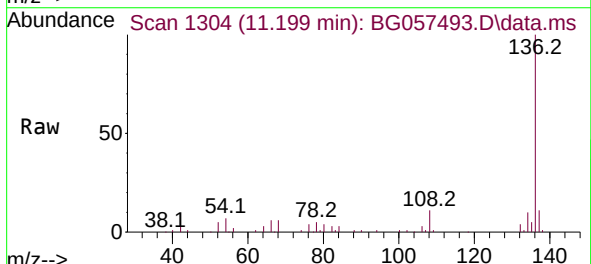
Instrument :
BNA_G
ClientSampleId :
TP1

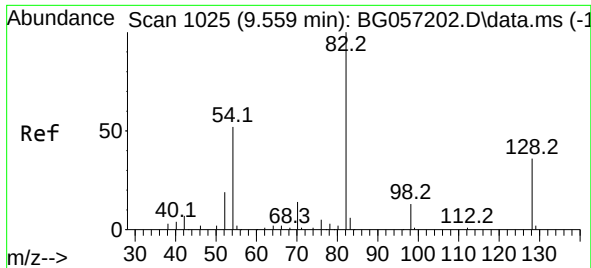
Tgt Ion: 99 Resp: 158942
Ion Ratio Lower Upper
99 100
42 17.8 15.1 22.7
71 40.5 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.199 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BG057493.D
Acq: 22 May 2023 14:30

Tgt Ion: 136 Resp: 76155
Ion Ratio Lower Upper
136 100
137 11.5 8.3 12.5
54 6.7 6.7 10.1
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 56.831 ng

RT: 9.536 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BG057493.D

Acq: 22 May 2023 14:30

Instrument :

BNA_G

ClientSampleId :

TP1

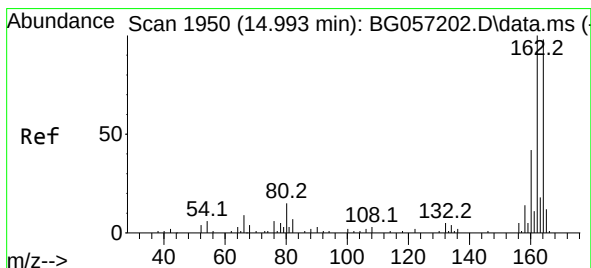
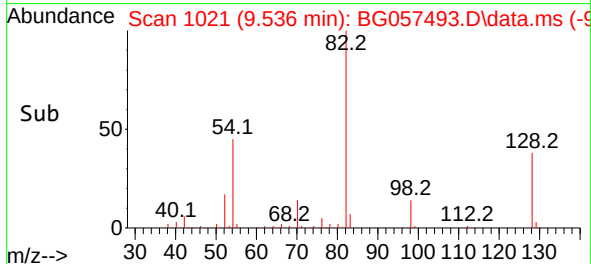
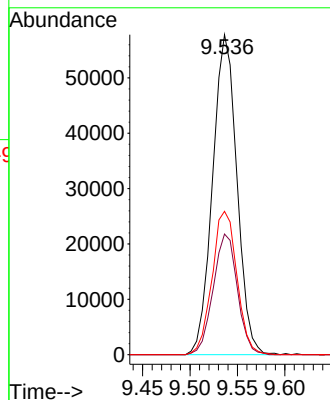
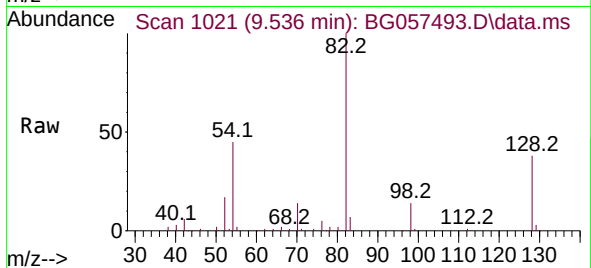
Tgt Ion: 82 Resp: 103119

Ion Ratio Lower Upper

82 100

128 37.7 29.0 43.4

54 44.8 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.976 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BG057493.D

Acq: 22 May 2023 14:30

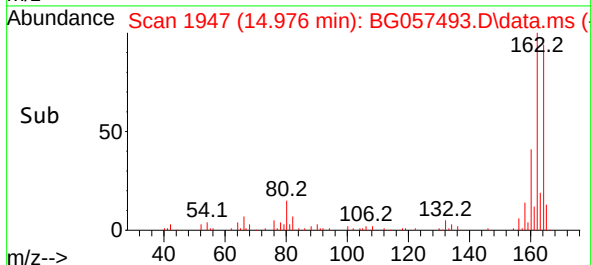
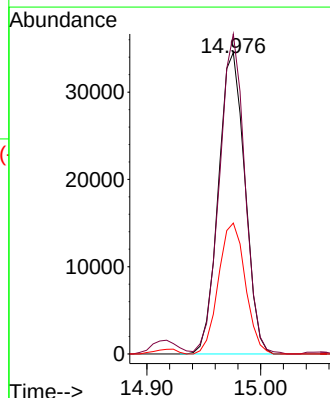
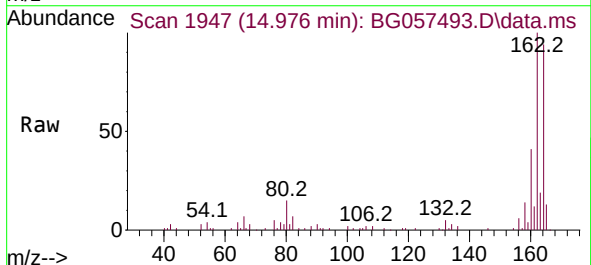
Tgt Ion:164 Resp: 55811

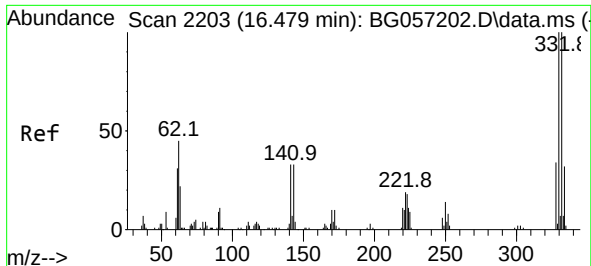
Ion Ratio Lower Upper

164 100

162 106.1 81.8 122.6

160 43.4 34.6 52.0

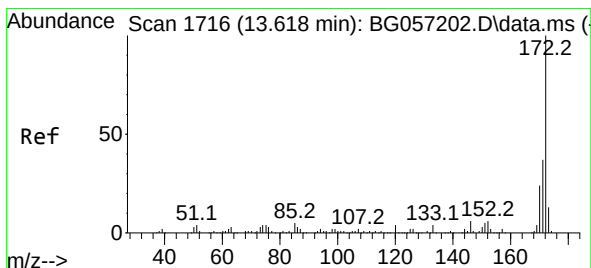
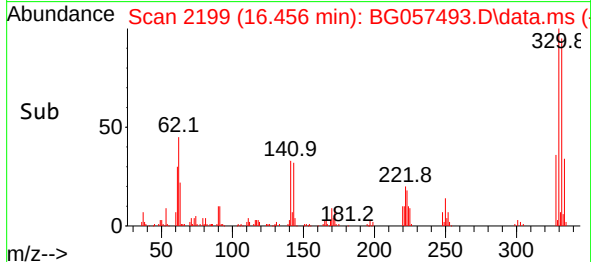
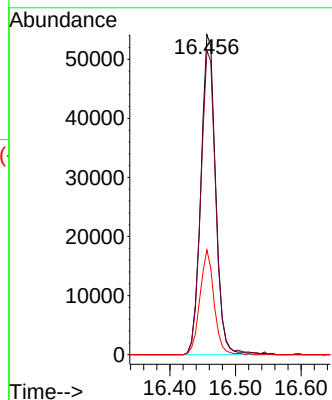
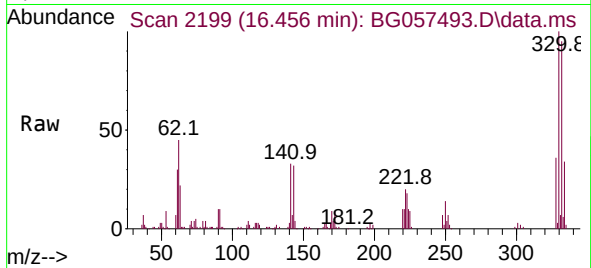




#42
2,4,6-Tribromophenol
Concen: 107.112 ng
RT: 16.456 min Scan# 21199
Delta R.T. -0.000 min
Lab File: BG057493.D
Acq: 22 May 2023 14:30

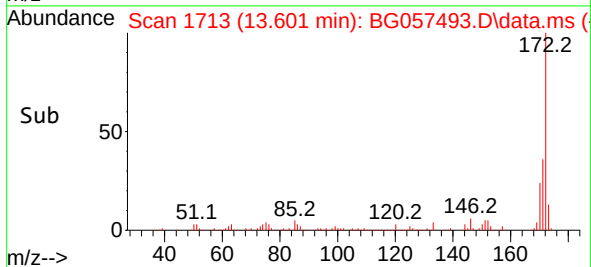
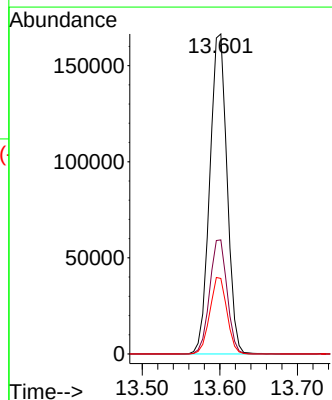
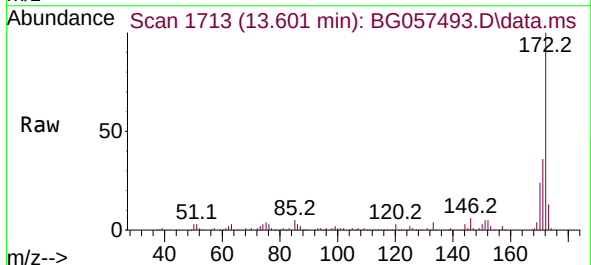
Instrument :
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TP1

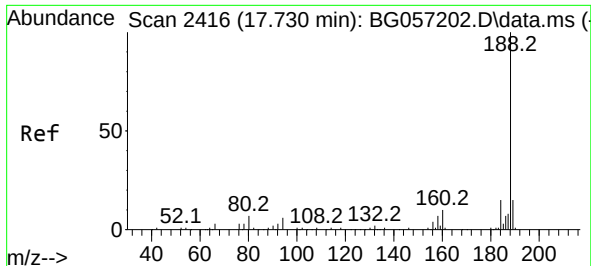
Tgt Ion:330 Resp: 84822
Ion Ratio Lower Upper
330 100
332 95.7 78.2 117.2
141 31.3 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 62.192 ng
RT: 13.601 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BG057493.D
Acq: 22 May 2023 14:30

Tgt Ion:172 Resp: 257722
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.6 19.0 28.6

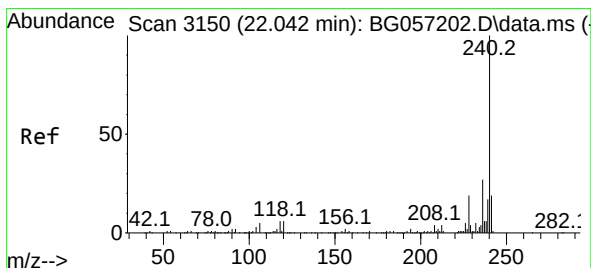
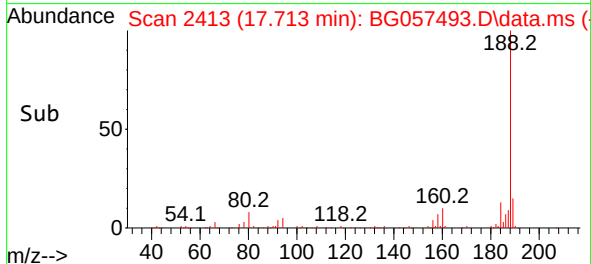
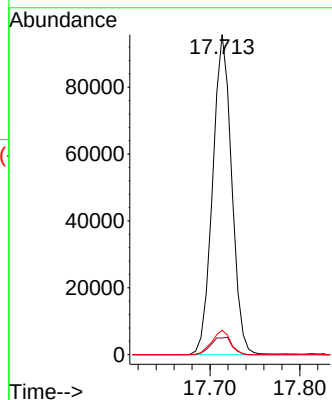
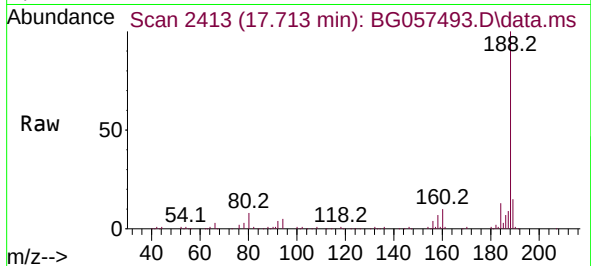




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG057493.D
Acq: 22 May 2023 14:30

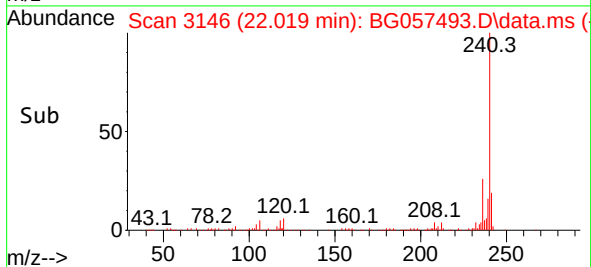
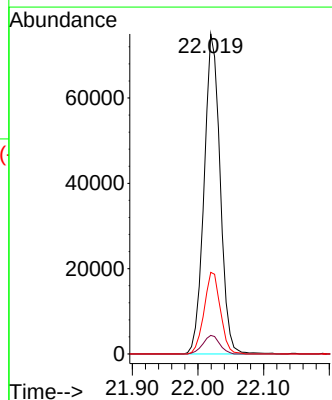
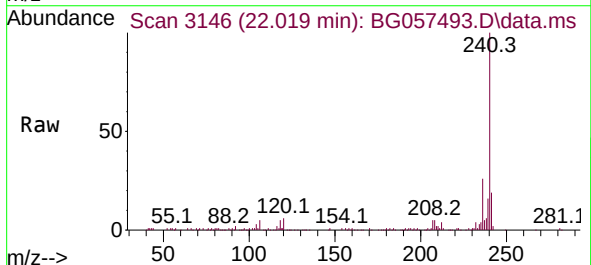
Instrument :
BNA_G
ClientSampleId :
TP1

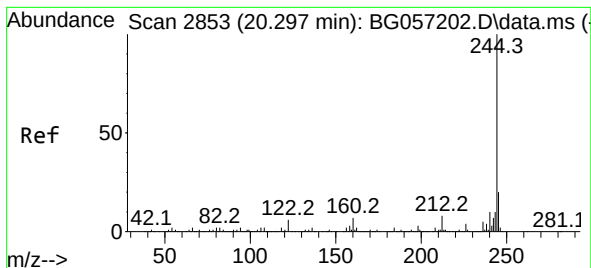
Tgt Ion:188 Resp: 140630
Ion Ratio Lower Upper
188 100
94 5.2 5.1 7.7
80 7.7 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BG057493.D
Acq: 22 May 2023 14:30

Tgt Ion:240 Resp: 127603
Ion Ratio Lower Upper
240 100
120 5.8 4.9 7.3
236 25.5 21.4 32.2





#79

Terphenyl-d14

Concen: 61.721 ng

RT: 20.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057493.D

Acq: 22 May 2023 14:30

Instrument :

BNA_G

ClientSampleId :

TP1

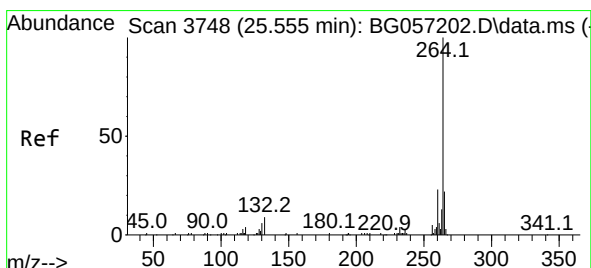
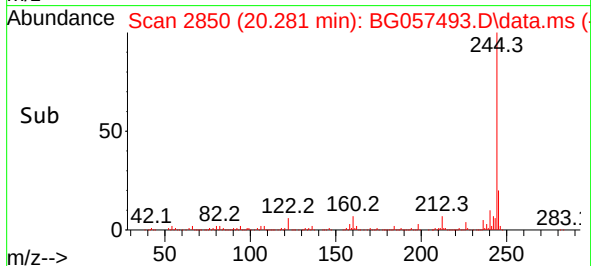
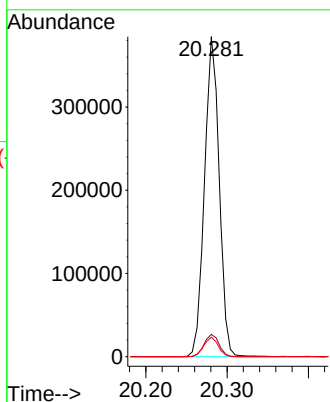
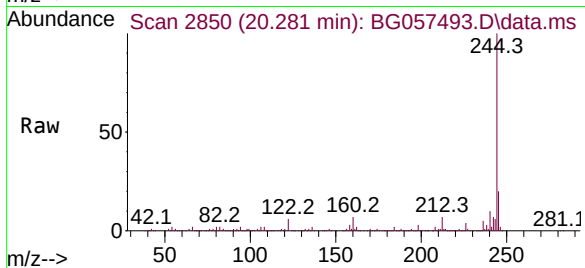
Tgt Ion:244 Resp: 482607

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.1 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.526 min Scan# 3743

Delta R.T. 0.012 min

Lab File: BG057493.D

Acq: 22 May 2023 14:30

Tgt Ion:264 Resp: 135494

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.5 17.9 26.9

