

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057513.D
 Acq On : 23 May 2023 10:26
 Operator : CG/JU
 Sample : PB152921TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152921TB

Quant Time: May 23 11:03:58 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	8.360	152	18313	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	76287	20.000	ng	0.00
39) Acenaphthene-d10	14.974	164	63047	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	164527	20.000	ng	0.00
76) Chrysene-d12	22.018	240	143964	20.000	ng	0.00
86) Perylene-d12	25.519	264	148996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	160333	149.766	ng	0.00
7) Phenol-d6	7.502	99	238001	146.401	ng	0.00
23) Nitrobenzene-d5	9.541	82	150710	82.916	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	132628	148.259	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	408033	87.163	ng	0.00
79) Terphenyl-d14	20.279	244	848336	96.164	ng	0.00

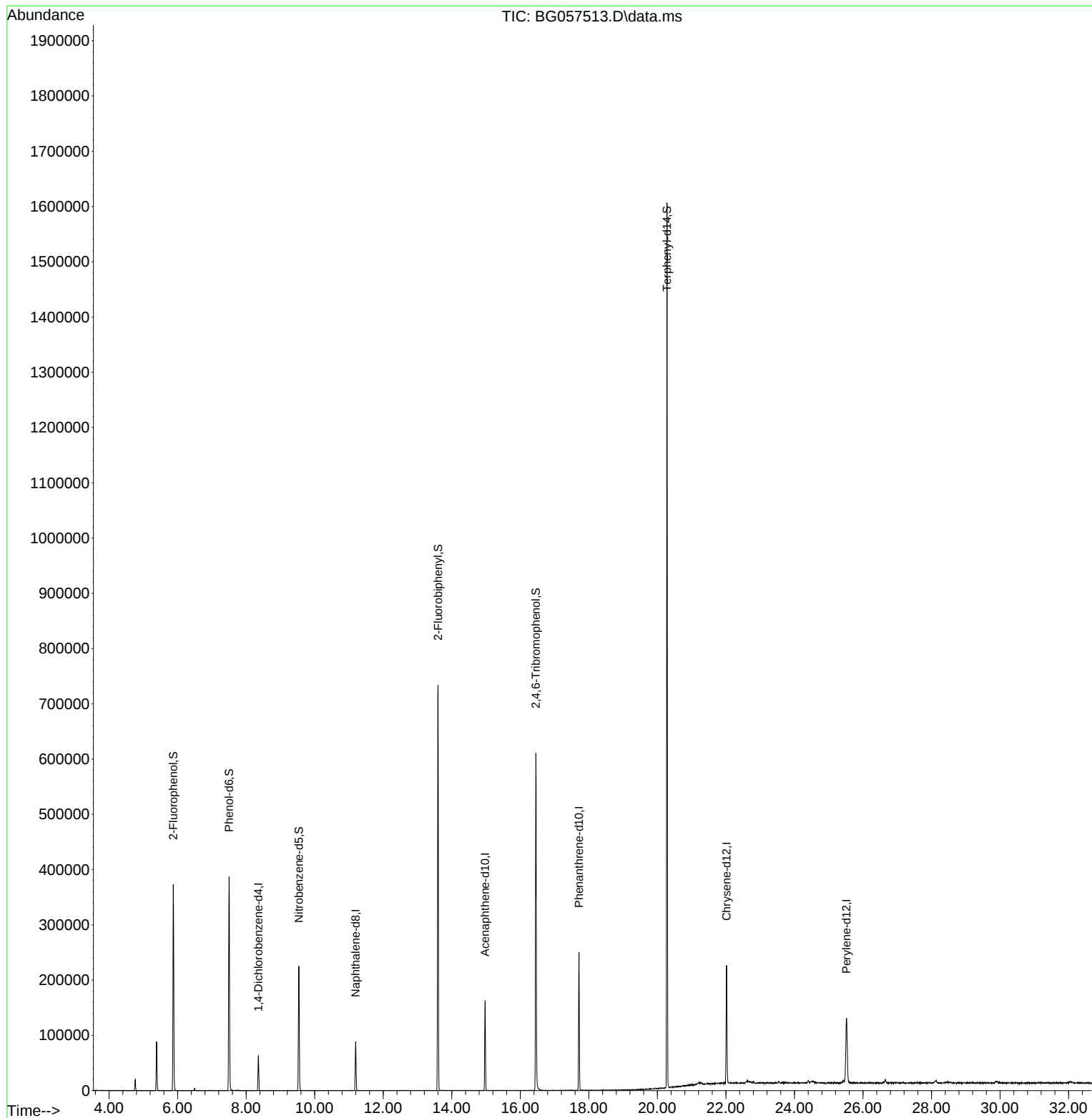
Target Compounds	Qvalue

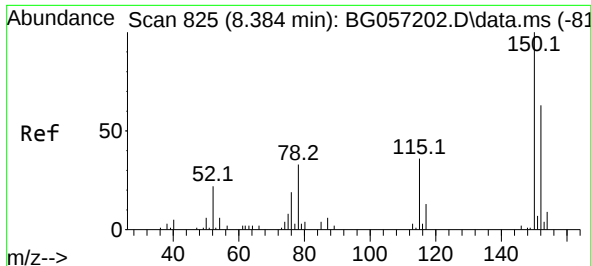
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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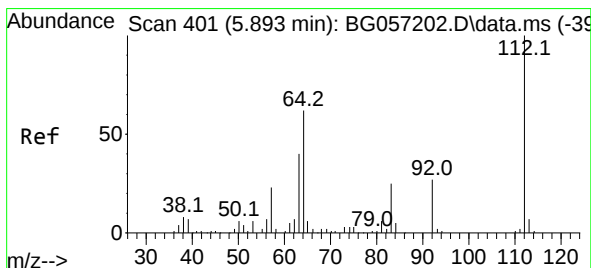
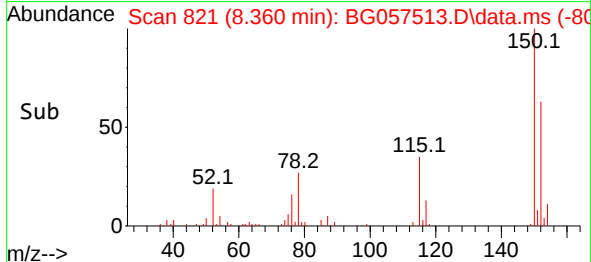
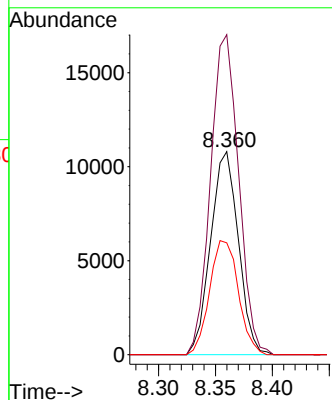
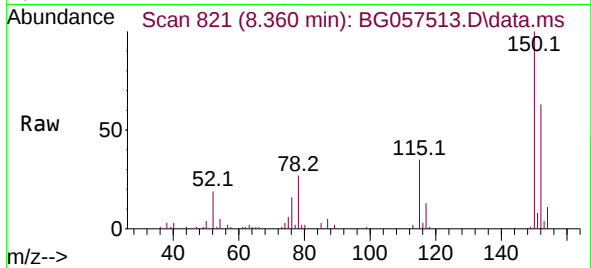




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057513.D
Acq: 23 May 2023 10:26

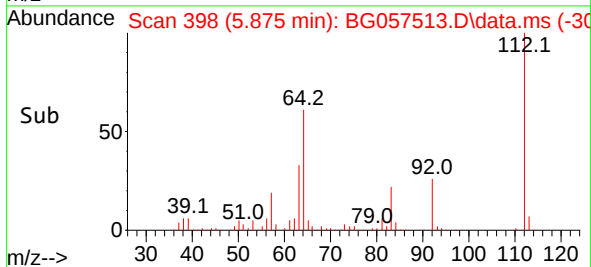
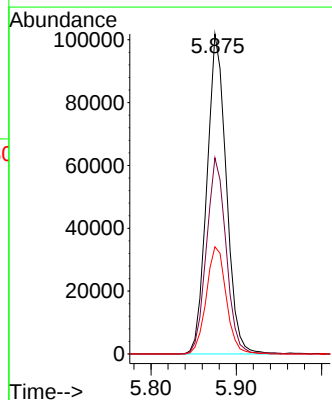
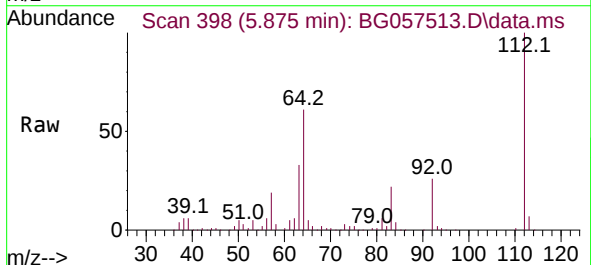
Instrument :
BNA_G
ClientSampleId :
PB152921TB

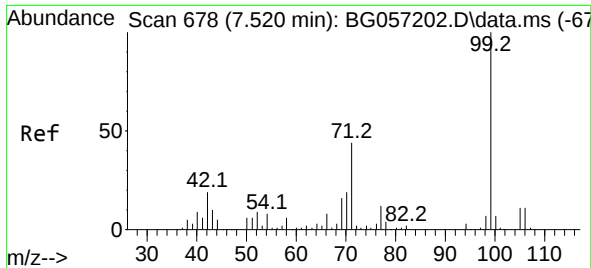
Tgt Ion:152 Resp: 18313
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.4
115 55.1 45.0 67.4



#5
2-Fluorophenol
Concen: 149.766 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.004 min
Lab File: BG057513.D
Acq: 23 May 2023 10:26

Tgt Ion:112 Resp: 160333
Ion Ratio Lower Upper
112 100
64 61.3 49.4 74.2
63 33.5 31.6 47.4

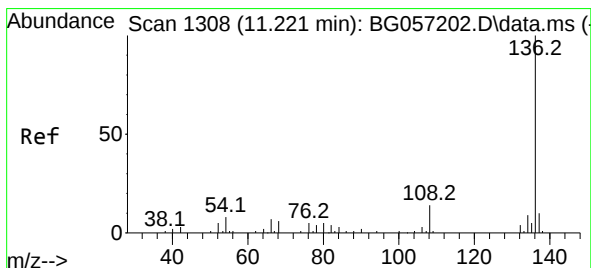
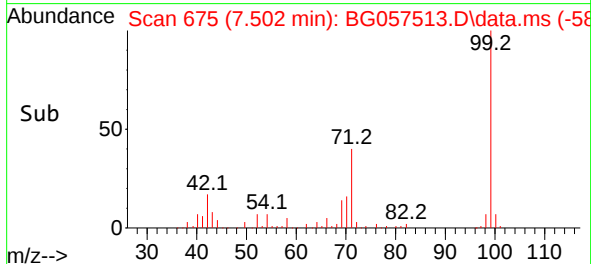
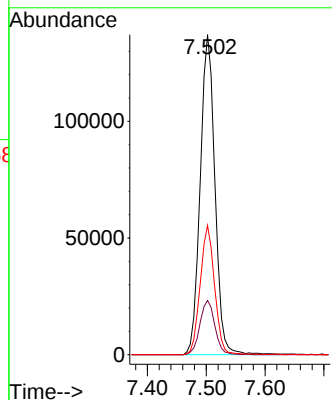
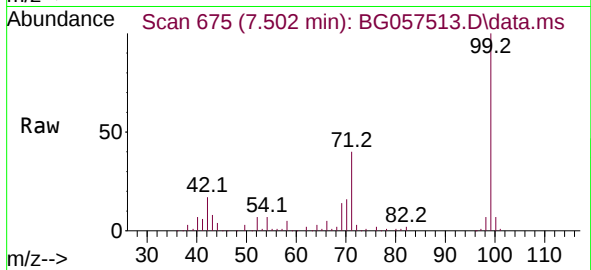




#7
Phenol-d6
Concen: 146.401 ng
RT: 7.502 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057513.D
Acq: 23 May 2023 10:26

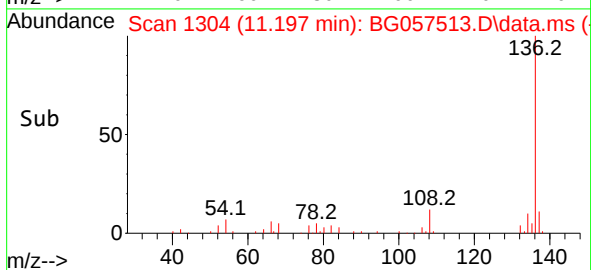
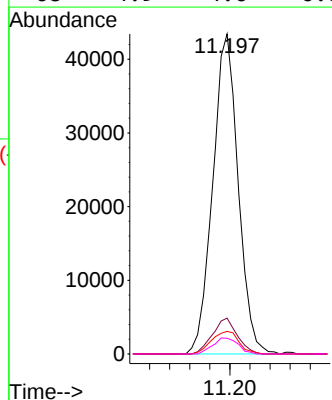
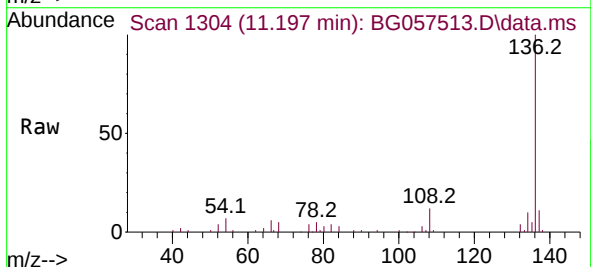
Instrument :
BNA_G
ClientSampleId :
PB152921TB

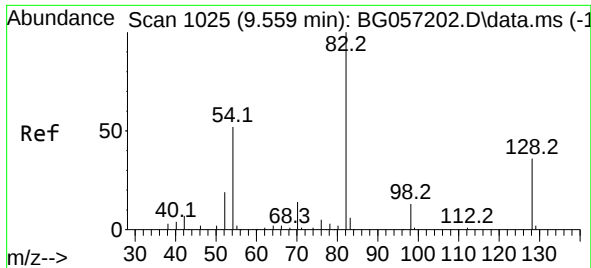
Tgt Ion: 99 Resp: 238001
Ion Ratio Lower Upper
99 100
42 17.0 15.1 22.7
71 40.4 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.197 min Scan# 1304
Delta R.T. -0.002 min
Lab File: BG057513.D
Acq: 23 May 2023 10:26

Tgt Ion: 136 Resp: 76287
Ion Ratio Lower Upper
136 100
137 11.2 8.3 12.5
54 7.1 6.7 10.1
68 4.9 4.6 6.8

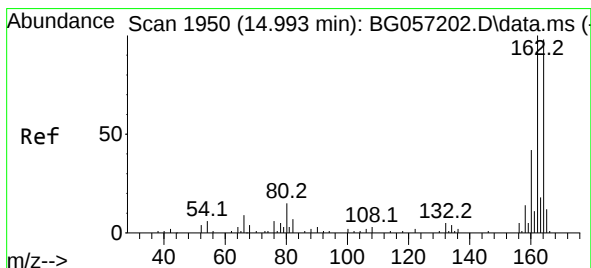
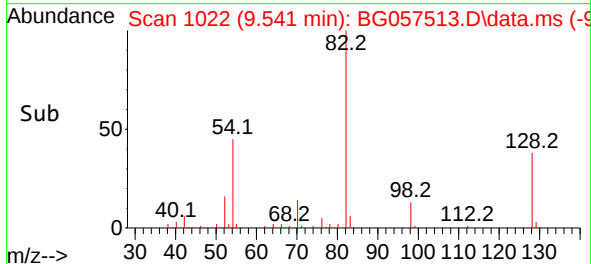
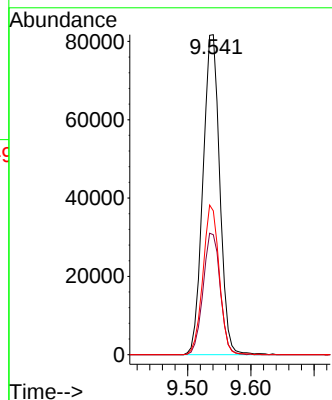
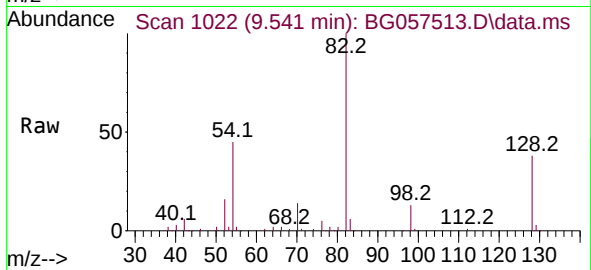




#23
Nitrobenzene-d5
Concen: 82.916 ng
RT: 9.541 min Scan# 1022
Delta R.T. 0.004 min
Lab File: BG057513.D
Acq: 23 May 2023 10:26

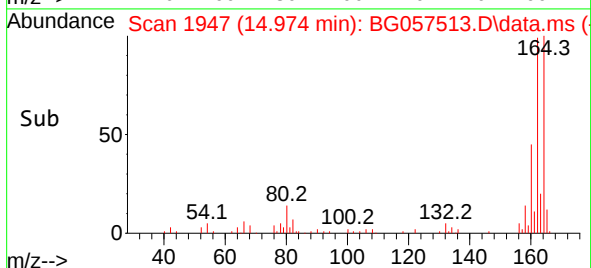
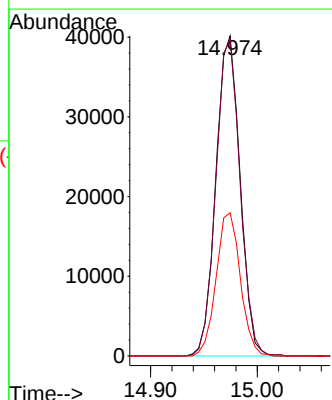
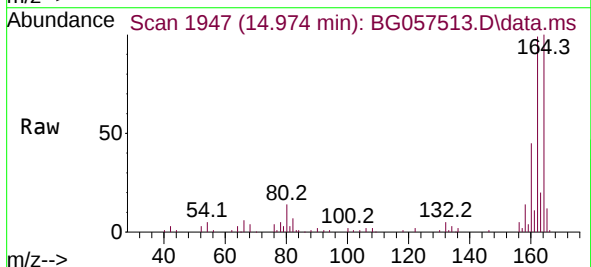
Instrument :
BNA_G
ClientSampleId :
PB152921TB

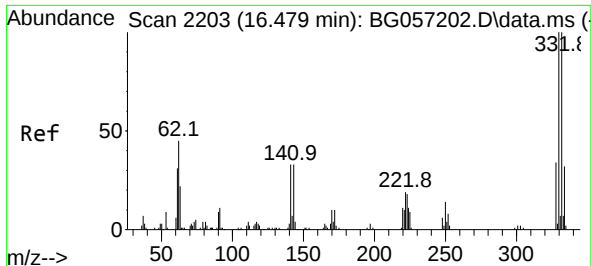
Tgt Ion: 82 Resp: 150710
Ion Ratio Lower Upper
82 100
128 37.5 29.0 43.4
54 44.9 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1947
Delta R.T. -0.002 min
Lab File: BG057513.D
Acq: 23 May 2023 10:26

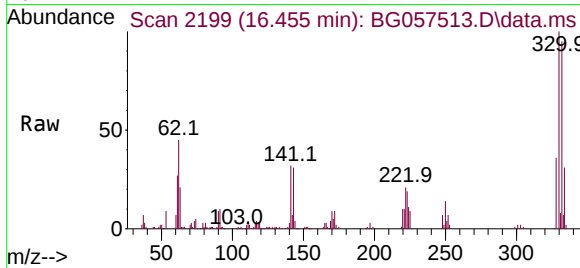
Tgt Ion:164 Resp: 63047
Ion Ratio Lower Upper
164 100
162 98.9 81.8 122.6
160 44.8 34.6 52.0



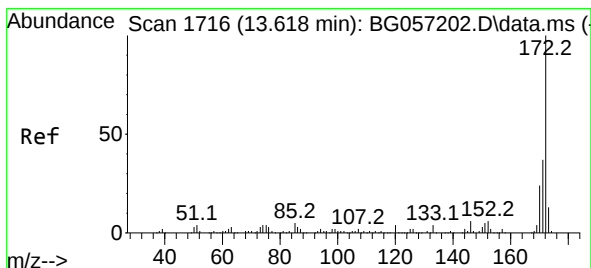
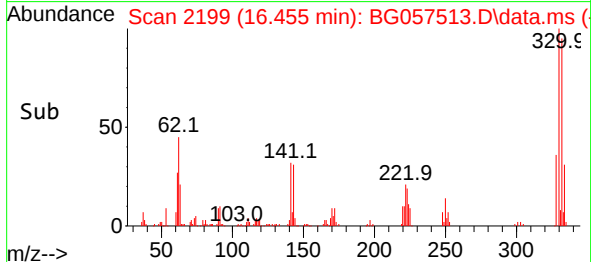
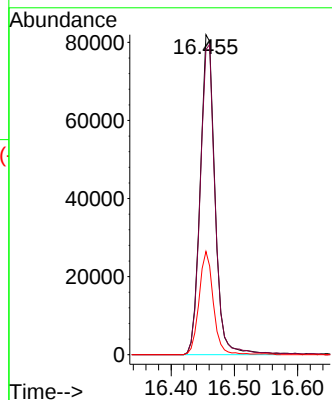


#42
2,4,6-Tribromophenol
Concen: 148.259 ng
RT: 16.455 min Scan# 21199
Delta R.T. -0.002 min
Lab File: BG057513.D
Acq: 23 May 2023 10:26

Instrument :
BNA_G
ClientSampleId :
PB152921TB

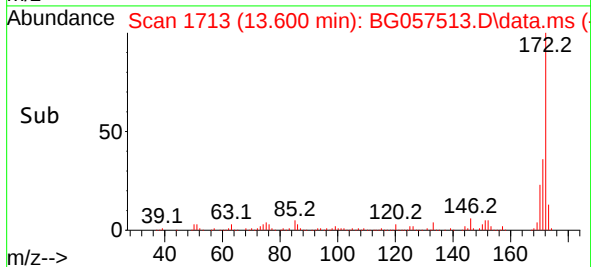
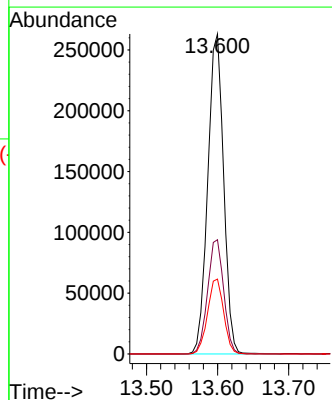
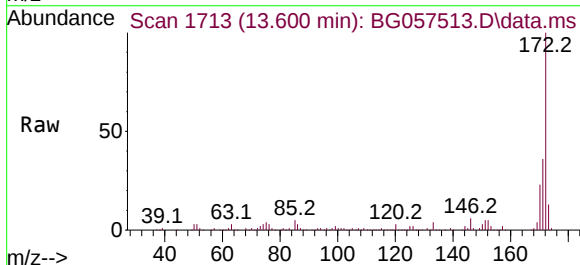


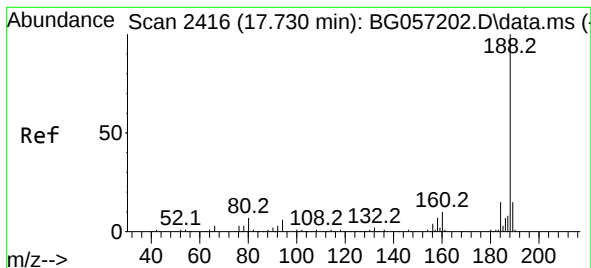
Tgt Ion:330 Resp: 132628
Ion Ratio Lower Upper
330 100
332 98.4 78.2 117.2
141 31.2 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 87.163 ng
RT: 13.600 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG057513.D
Acq: 23 May 2023 10:26

Tgt Ion:172 Resp: 408033
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 241

Delta R.T. -0.002 min

Lab File: BG057513.D

Acq: 23 May 2023 10:26

Instrument :

BNA_G

ClientSampleId :

PB152921TB

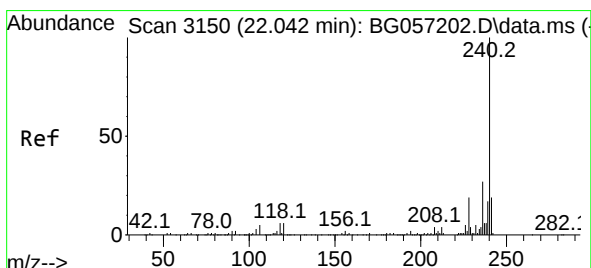
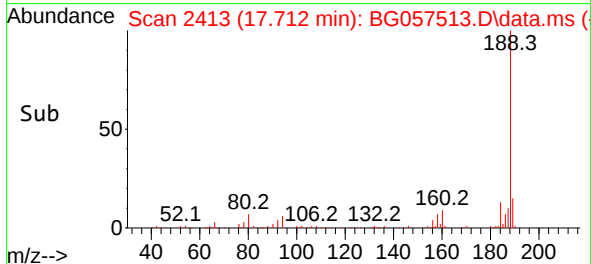
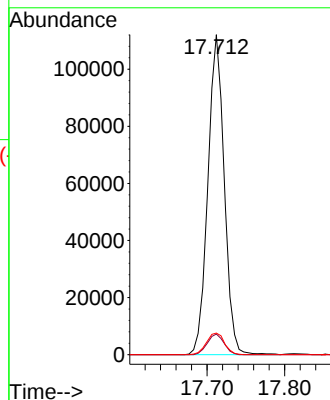
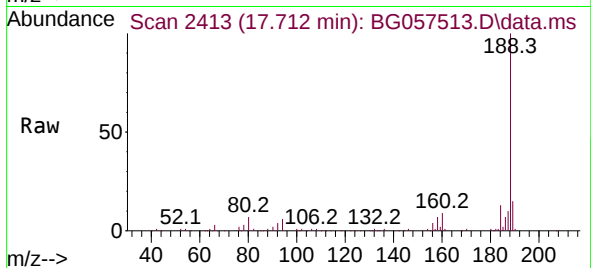
Tgt Ion:188 Resp: 164527

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

80 6.8 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.018 min Scan# 3146

Delta R.T. -0.002 min

Lab File: BG057513.D

Acq: 23 May 2023 10:26

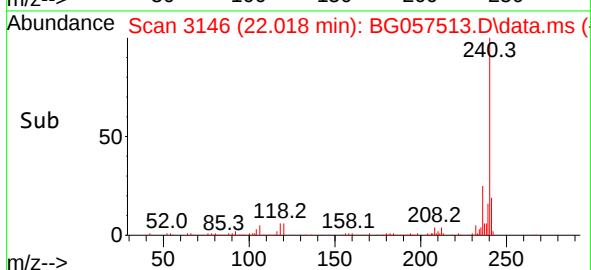
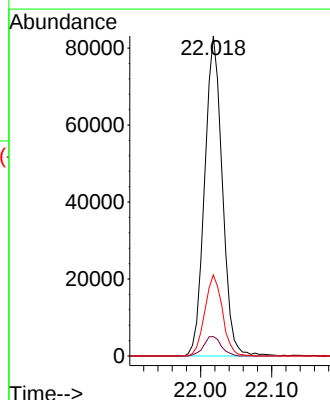
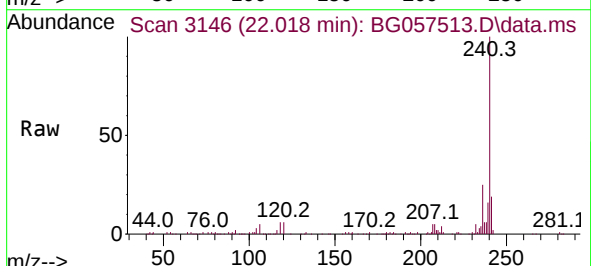
Tgt Ion:240 Resp: 143964

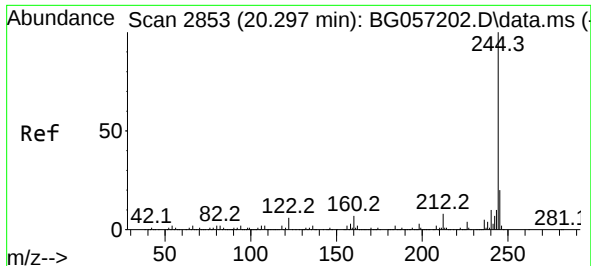
Ion Ratio Lower Upper

240 100

120 6.1 4.9 7.3

236 25.3 21.4 32.2

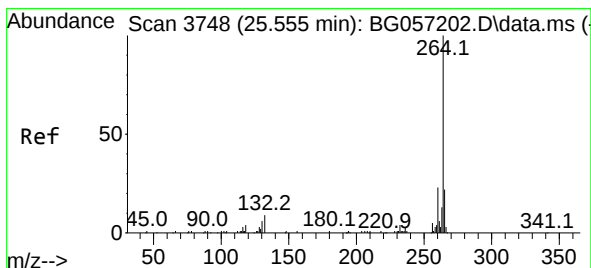
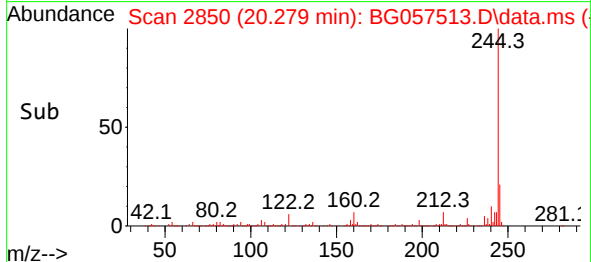
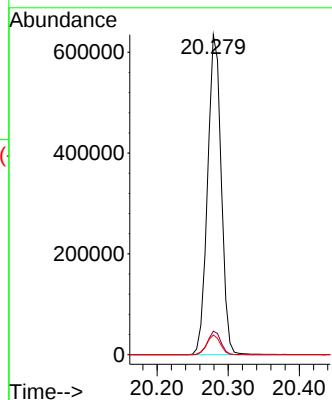
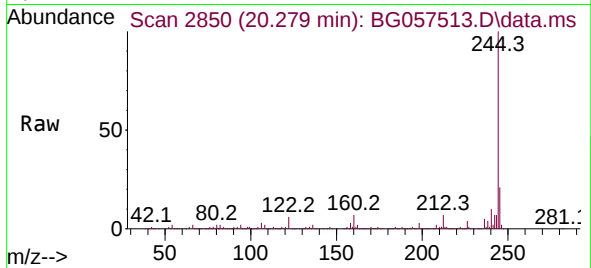




#79
 Terphenyl-d14
 Concen: 96.164 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057513.D
 Acq: 23 May 2023 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB152921TB

Tgt Ion:244 Resp: 848336
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.2 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.519 min Scan# 3742
 Delta R.T. 0.004 min
 Lab File: BG057513.D
 Acq: 23 May 2023 10:26

Tgt Ion:264 Resp: 148996
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.8 28.2
 265 21.2 17.9 26.9

