

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057561.D
 Acq On : 25 May 2023 17:03
 Operator : CG/JU
 Sample : PB153018BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153018BL

Quant Time: May 26 03:04:42 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 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	19339	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	77589	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	60734	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	162725	20.000	ng	0.00
76) Chrysene-d12	22.018	240	143759	20.000	ng	0.00
86) Perylene-d12	25.520	264	152779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	162947	144.133	ng	0.00
7) Phenol-d6	7.503	99	237903	138.577	ng	0.00
23) Nitrobenzene-d5	9.535	82	152515	82.501	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	129365	150.119	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	392667	87.075	ng	0.00
79) Terphenyl-d14	20.280	244	866153	98.324	ng	0.00

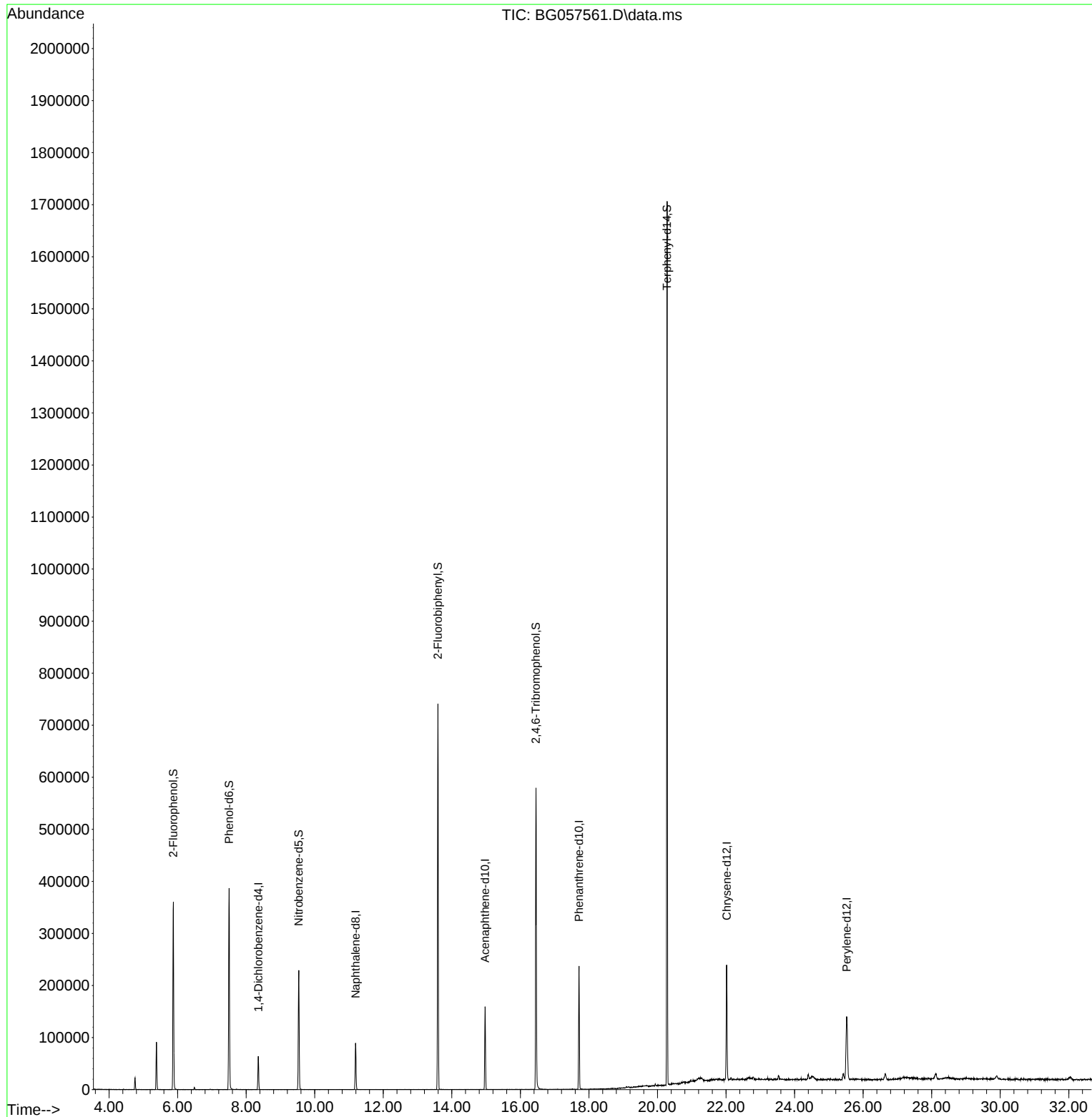
Target Compounds	Qvalue

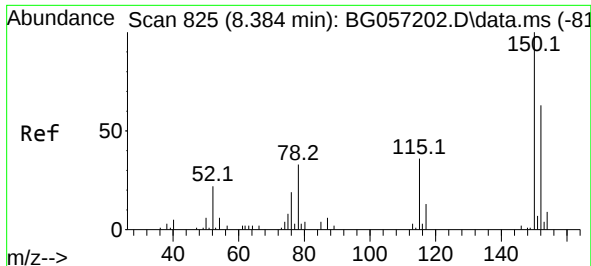
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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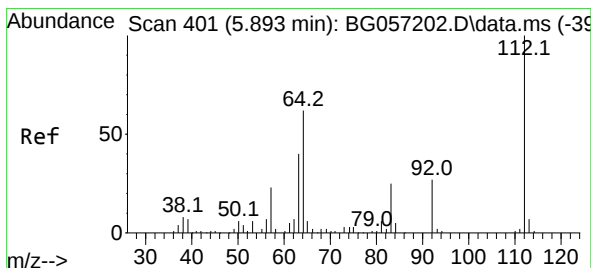
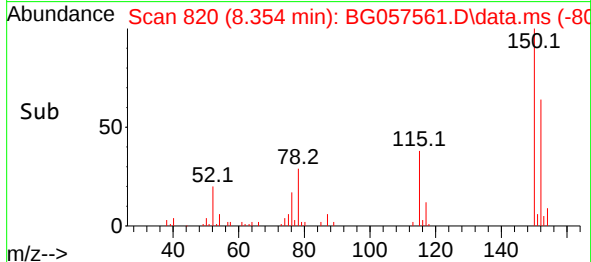
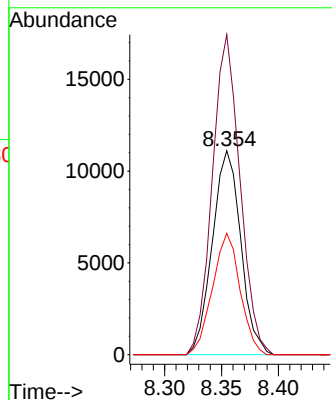
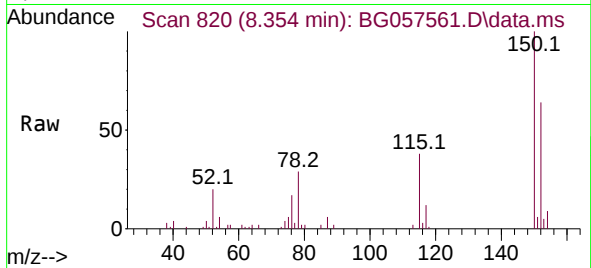




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057561.D
Acq: 25 May 2023 17:03

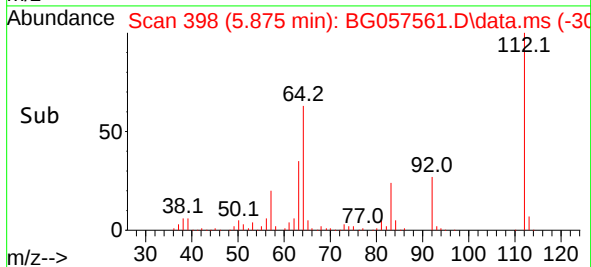
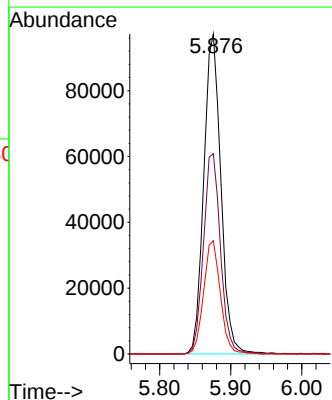
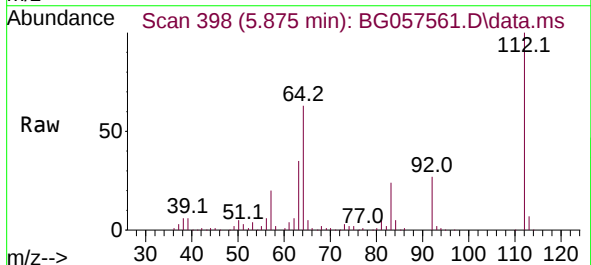
Instrument :
BNA_G
ClientSampleId :
PB153018BL

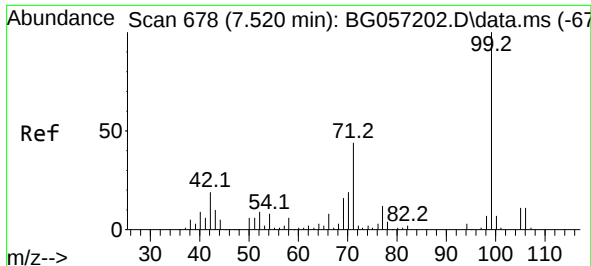
Tgt Ion:152 Resp: 19339
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 59.4 45.0 67.4



#5
2-Fluorophenol
Concen: 144.133 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG057561.D
Acq: 25 May 2023 17:03

Tgt Ion:112 Resp: 162947
Ion Ratio Lower Upper
112 100
64 62.6 49.4 74.2
63 35.4 31.6 47.4

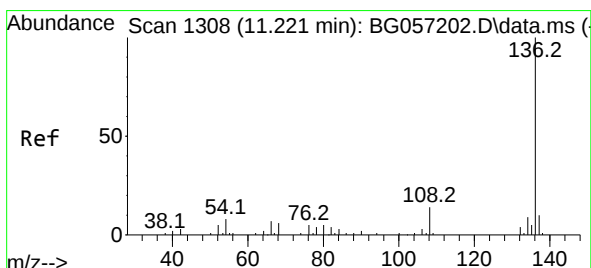
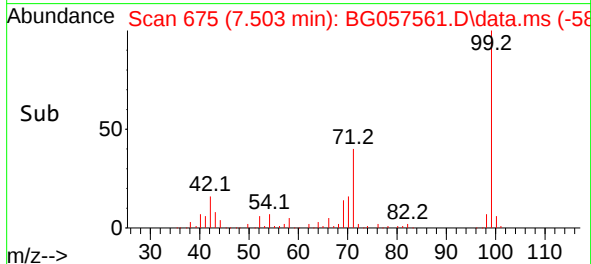
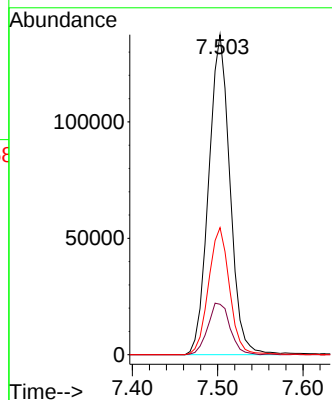
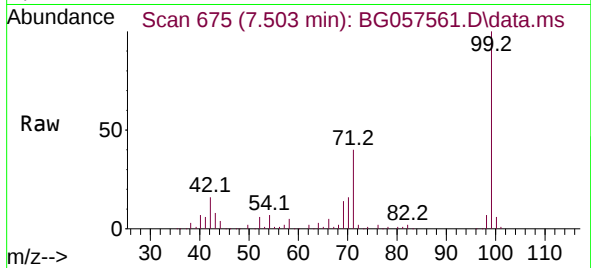




#7
Phenol-d6
Concen: 138.577 ng
RT: 7.503 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057561.D
Acq: 25 May 2023 17:03

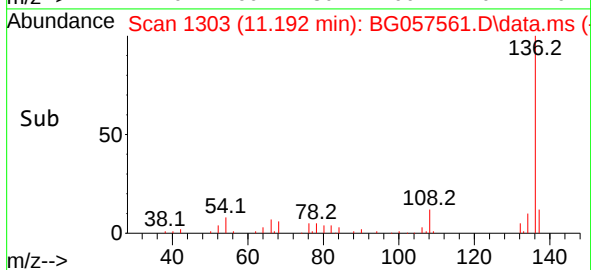
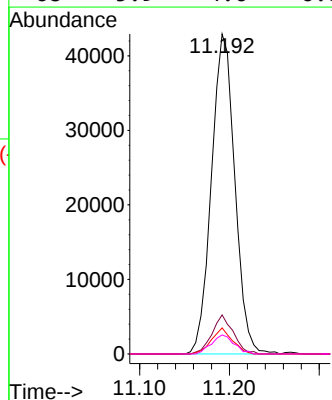
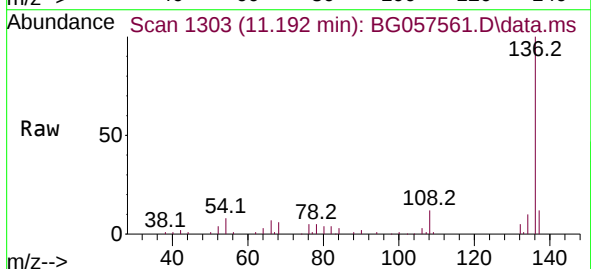
Instrument :
BNA_G
ClientSampleId :
PB153018BL

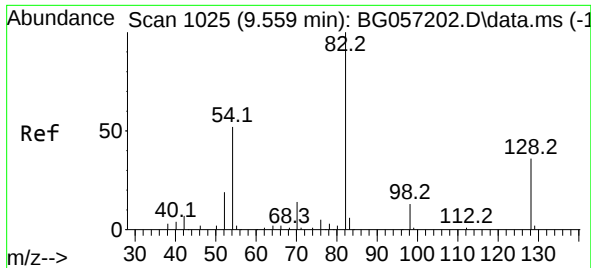
Tgt Ion: 99 Resp: 237903
Ion Ratio Lower Upper
99 100
42 15.8 15.1 22.7
71 39.7 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.003 min
Lab File: BG057561.D
Acq: 25 May 2023 17:03

Tgt Ion: 136 Resp: 77589
Ion Ratio Lower Upper
136 100
137 12.2 8.3 12.5
54 8.2 6.7 10.1
68 5.9 4.6 6.8

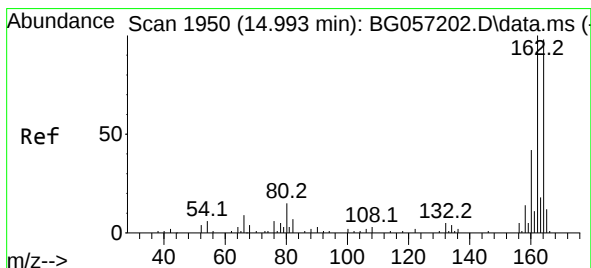
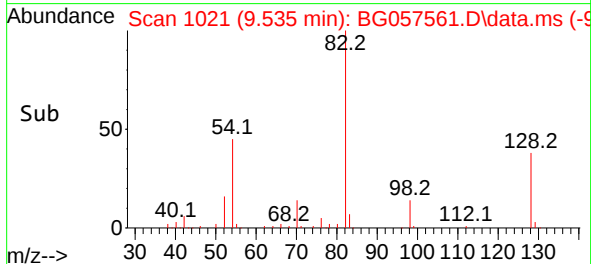
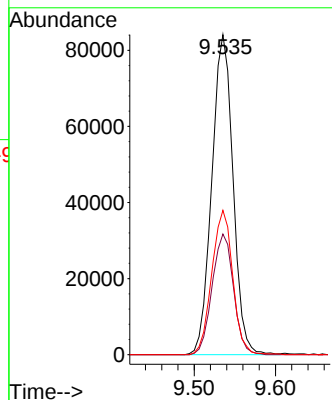
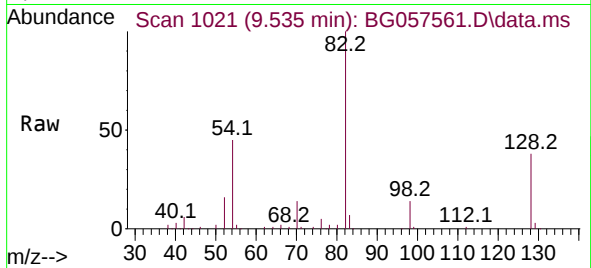




#23
Nitrobenzene-d5
Concen: 82.501 ng
RT: 9.535 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG057561.D
Acq: 25 May 2023 17:03

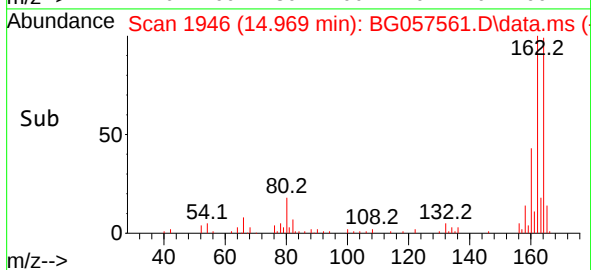
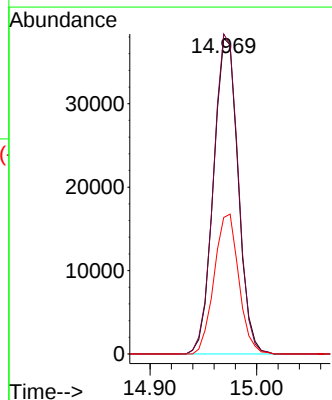
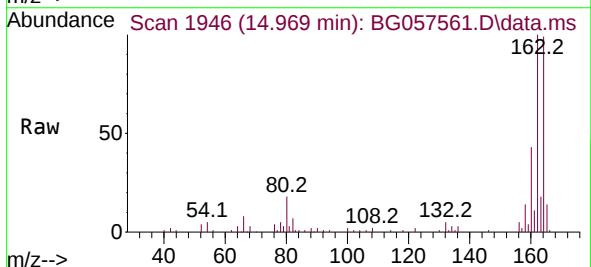
Instrument :
BNA_G
ClientSampleId :
PB153018BL

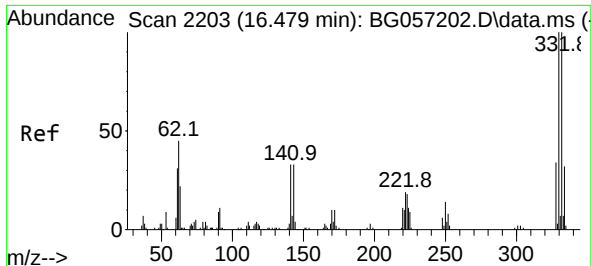
Tgt Ion: 82 Resp: 152515
Ion Ratio Lower Upper
82 100
128 37.7 29.0 43.4
54 45.1 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1946
Delta R.T. -0.003 min
Lab File: BG057561.D
Acq: 25 May 2023 17:03

Tgt Ion:164 Resp: 60734
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 43.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 150.119 ng

RT: 16.455 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057561.D

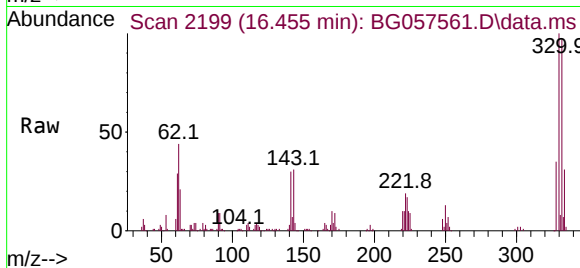
Acq: 25 May 2023 17:03

Instrument :

BNA_G

ClientSampleId :

PB153018BL



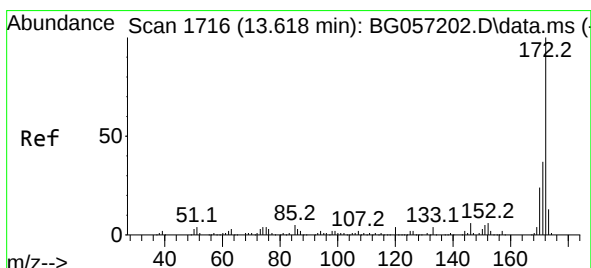
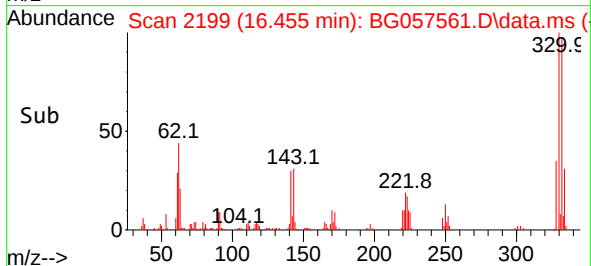
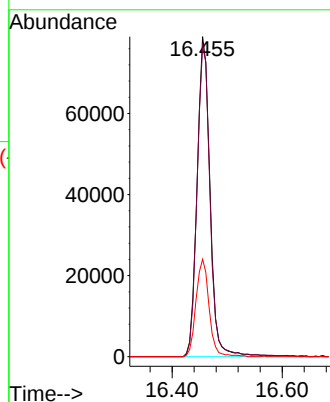
Tgt Ion:330 Resp: 129365

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.2

141 30.7 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 87.075 ng

RT: 13.594 min Scan# 1712

Delta R.T. -0.003 min

Lab File: BG057561.D

Acq: 25 May 2023 17:03

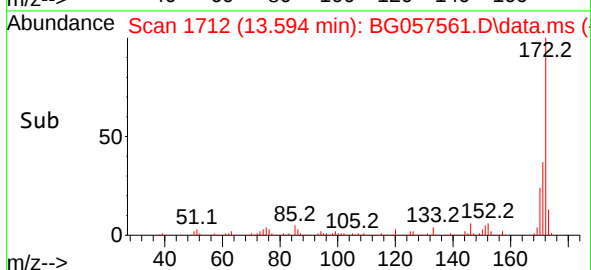
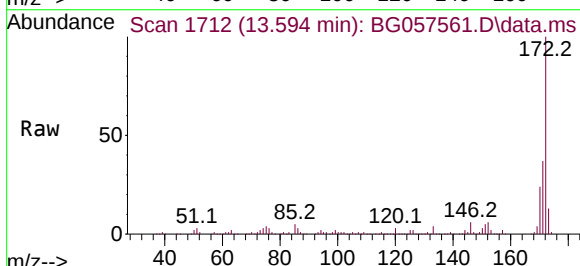
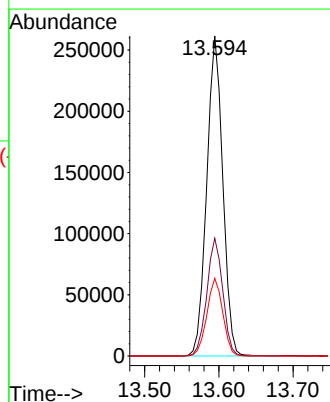
Tgt Ion:172 Resp: 392667

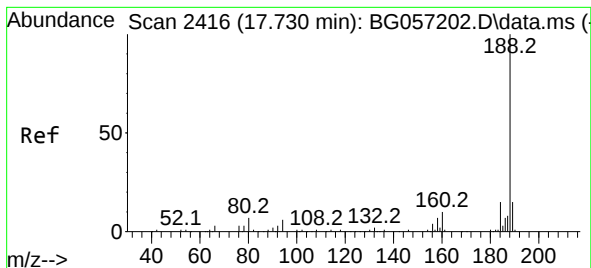
Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

170 24.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2416

Delta R.T. 0.003 min

Lab File: BG057561.D

Acq: 25 May 2023 17:03

Instrument :

BNA_G

ClientSampleId :

PB153018BL

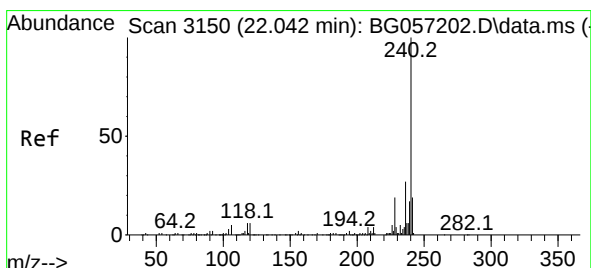
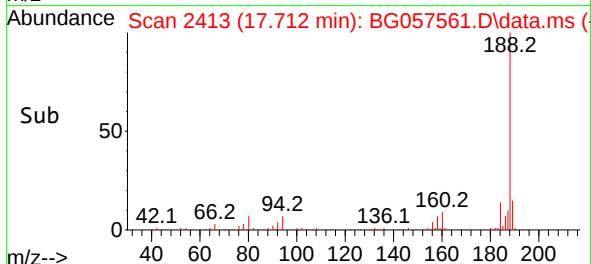
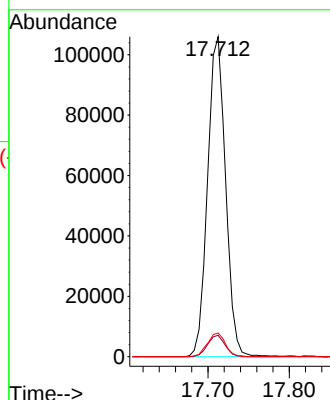
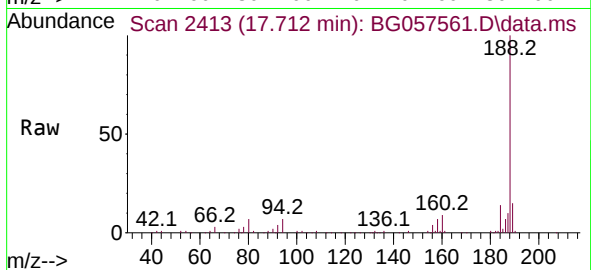
Tgt Ion:188 Resp: 162725

Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

80 7.4 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.018 min Scan# 3146

Delta R.T. -0.003 min

Lab File: BG057561.D

Acq: 25 May 2023 17:03

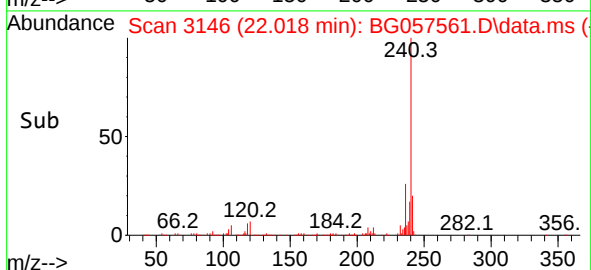
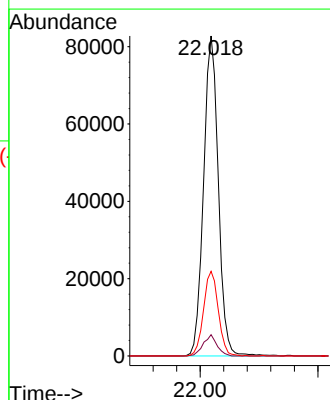
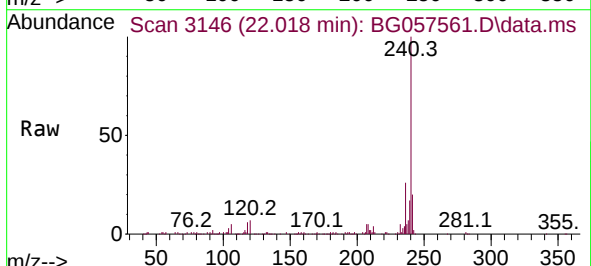
Tgt Ion:240 Resp: 143759

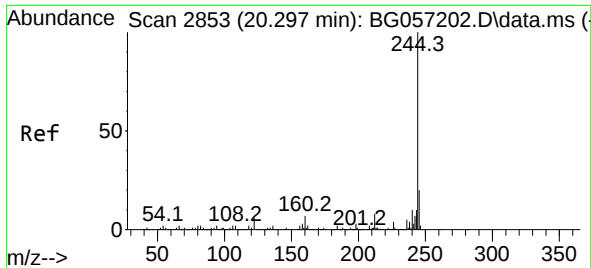
Ion Ratio Lower Upper

240 100

120 6.6 4.9 7.3

236 26.4 21.4 32.2

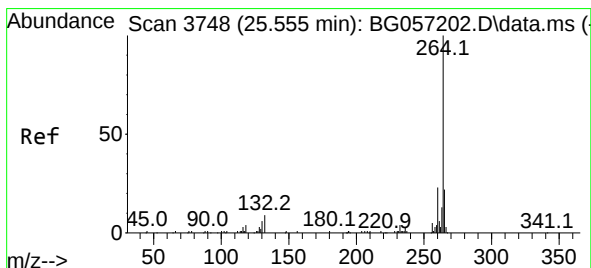
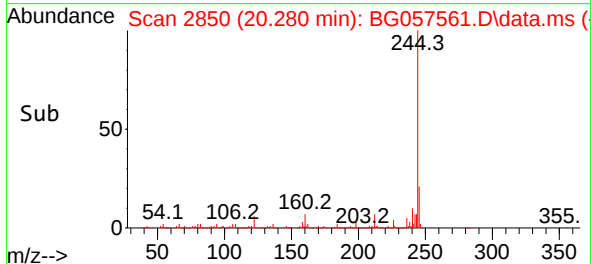
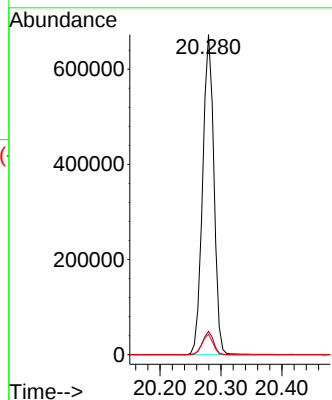
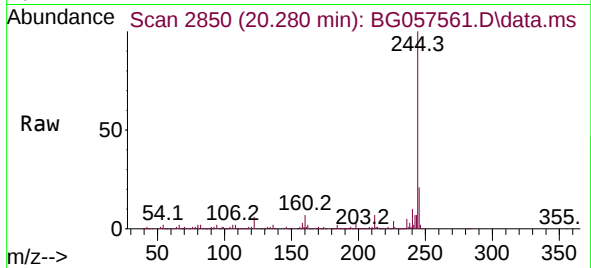




#79
 Terphenyl-d14
 Concen: 98.324 ng
 RT: 20.280 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057561.D
 Acq: 25 May 2023 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PB153018BL

Tgt Ion:244 Resp: 866153
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.3 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.520 min Scan# 3742
 Delta R.T. -0.003 min
 Lab File: BG057561.D
 Acq: 25 May 2023 17:03

Tgt Ion:264 Resp: 152779
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.1 17.9 26.9

