

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053607.D
 Acq On : 18 May 2022 17:28
 Operator : CG/JU
 Sample : N2858-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-38

Quant Time: May 19 05:12:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

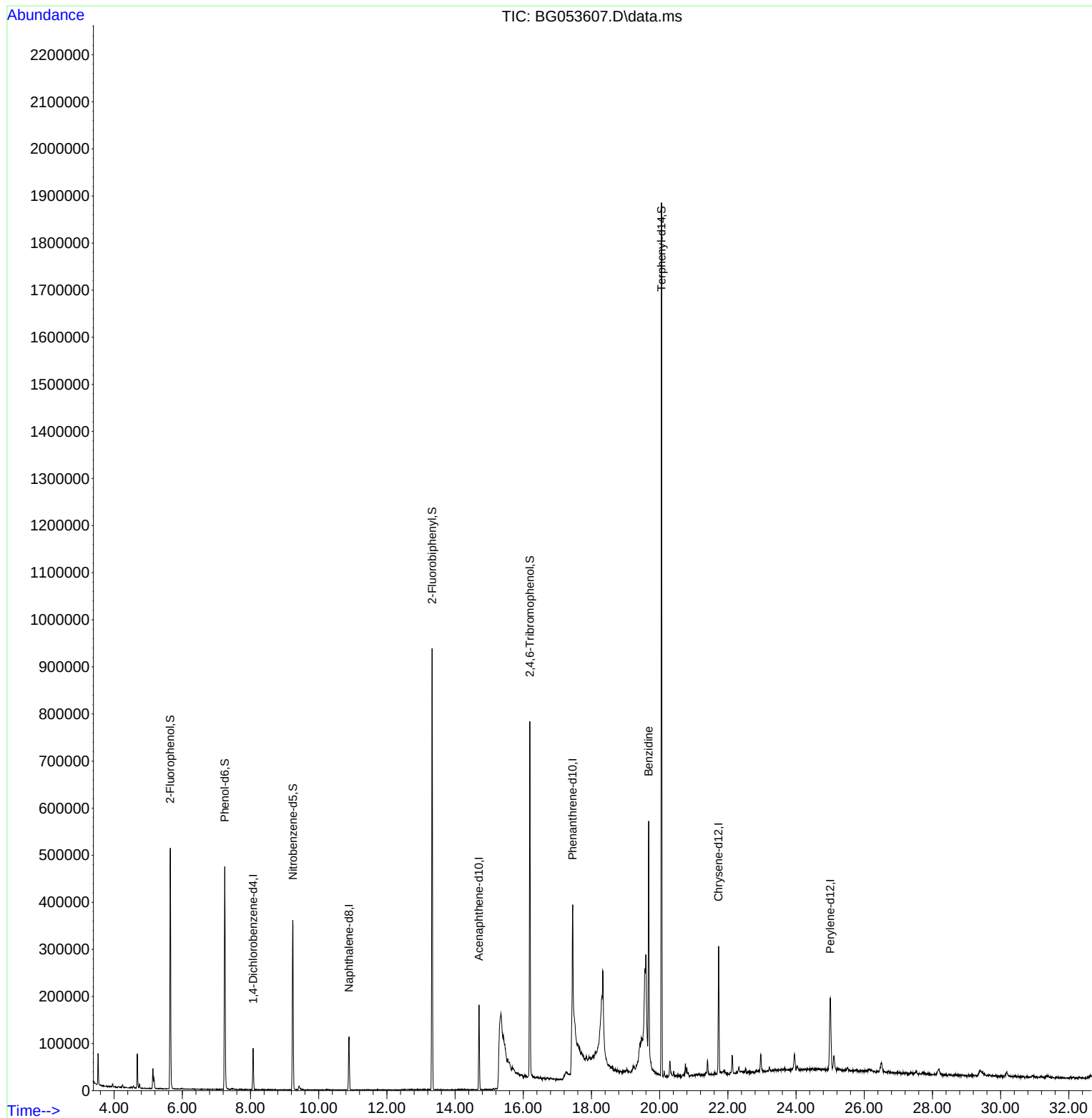
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	23405	20.000	ng	-0.01
21) Naphthalene-d8	10.890	136	91462	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	67044	20.000	ng	-0.01
64) Phenanthrene-d10	17.451	188	143523	20.000	ng	0.00
76) Chrysene-d12	21.728	240	172203	20.000	ng	-0.01
86) Perylene-d12	25.006	264	174095	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	204838	148.531	ng	0.00
7) Phenol-d6	7.247	99	270965	129.464	ng	0.00
23) Nitrobenzene-d5	9.245	82	230240	107.159	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	148152	149.827	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	483801	105.448	ng	0.00
79) Terphenyl-d14	20.054	244	948760	102.614	ng	0.00
Target Compounds						
77) Benzidine	19.678	184	325289	87.641	ng	Qvalue 98

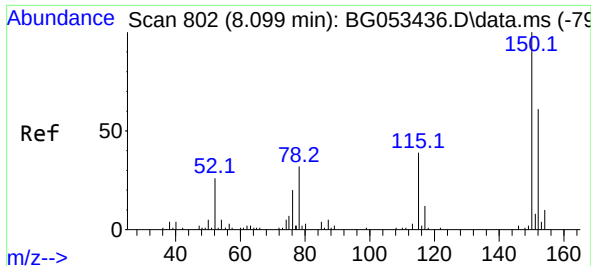
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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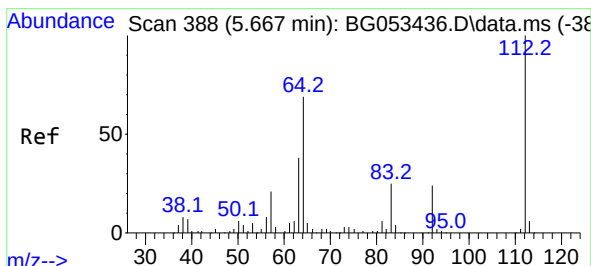
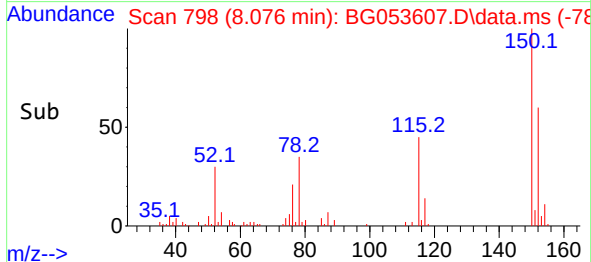
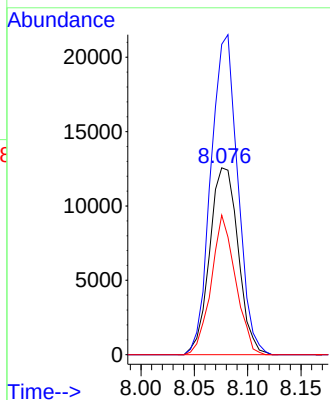
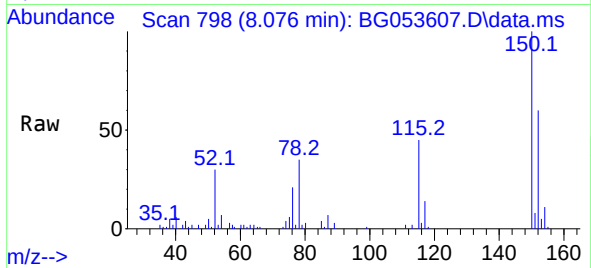




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 74
Delta R.T. -0.013 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

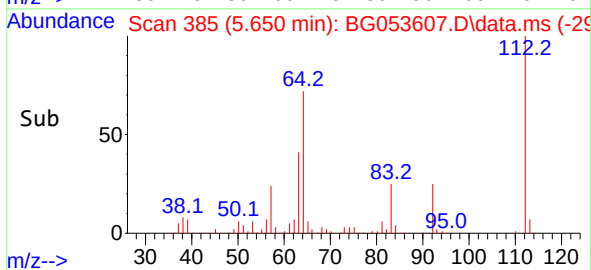
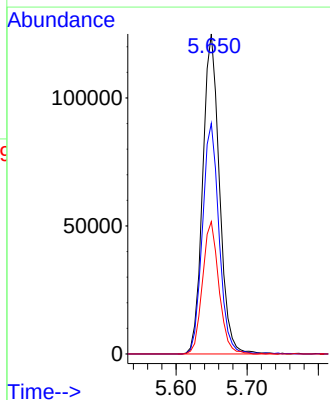
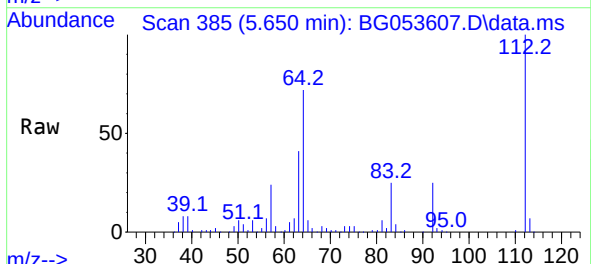
Instrument :
BNA_G
ClientSampleId :
TP-38

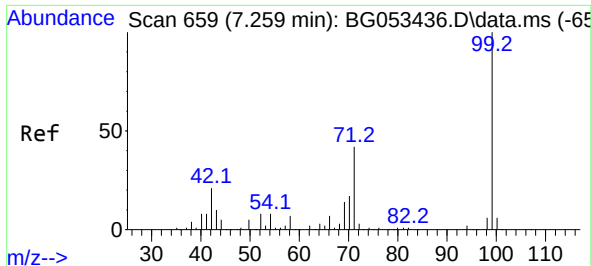
Tgt Ion:152 Resp: 23405
Ion Ratio Lower Upper
152 100
150 166.0 131.6 197.4
115 74.7 50.9 76.3



#5
2-Fluorophenol
Concen: 148.531 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

Tgt Ion:112 Resp: 204838
Ion Ratio Lower Upper
112 100
64 72.1 55.1 82.7
63 41.4 30.4 45.6

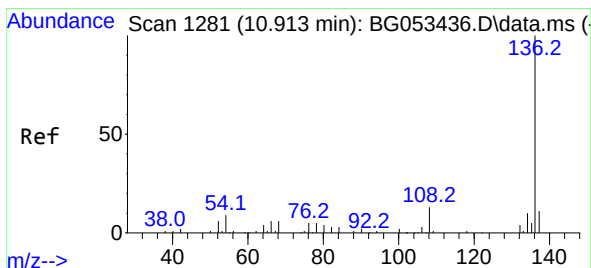
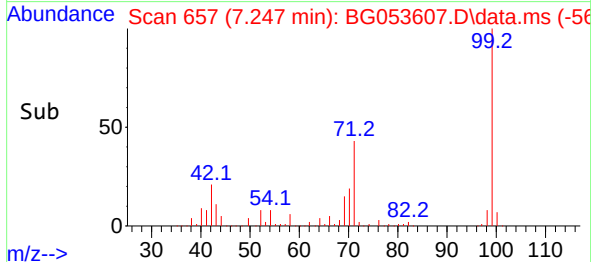
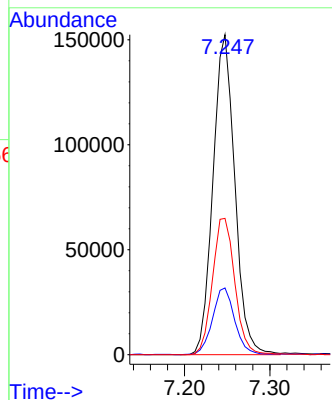
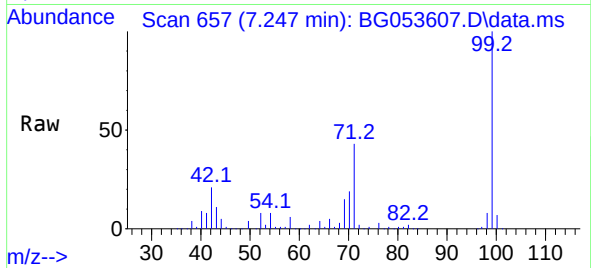




#7
Phenol-d6
Concen: 129.464 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

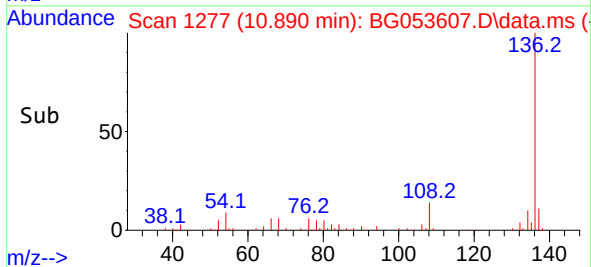
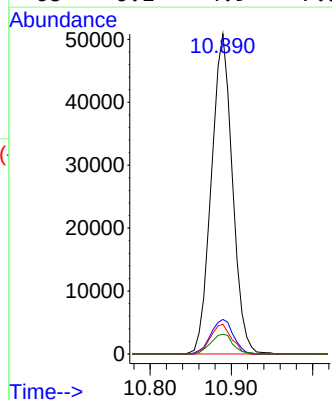
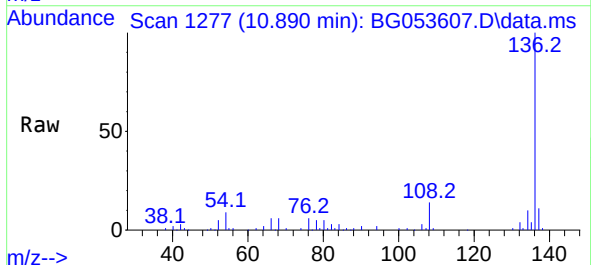
Instrument :
BNA_G
ClientSampleId :
TP-38

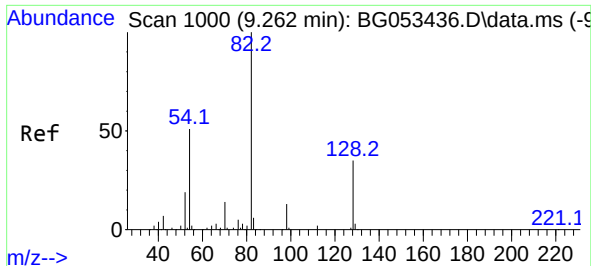
Tgt Ion: 99 Resp: 270965
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 42.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 1277
Delta R.T. -0.008 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

Tgt Ion: 136 Resp: 91462
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.3 7.4 11.2
68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 107.159 ng

RT: 9.245 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG053607.D

Acq: 18 May 2022 17:28

Instrument :

BNA_G

ClientSampleId :

TP-38

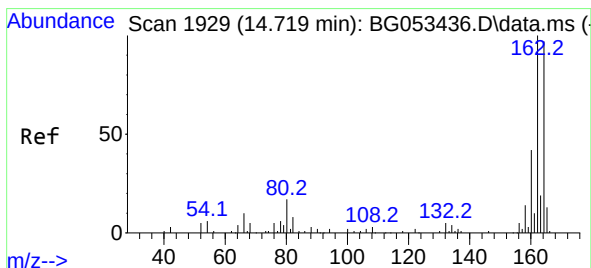
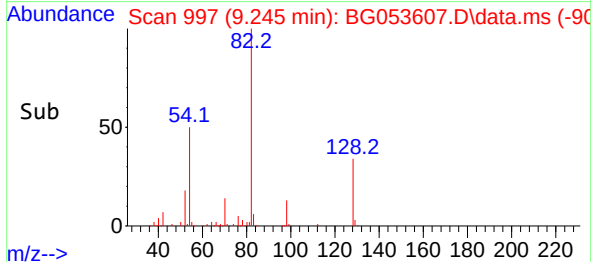
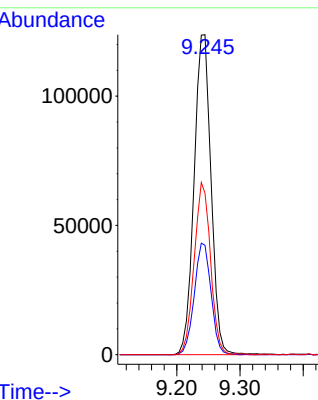
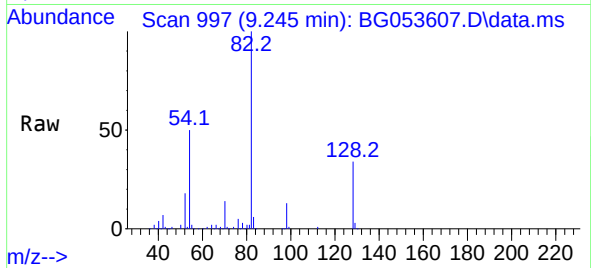
Tgt Ion: 82 Resp: 230240

Ion Ratio Lower Upper

82 100

128 34.2 27.9 41.9

54 50.4 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.702 min Scan# 1926

Delta R.T. -0.014 min

Lab File: BG053607.D

Acq: 18 May 2022 17:28

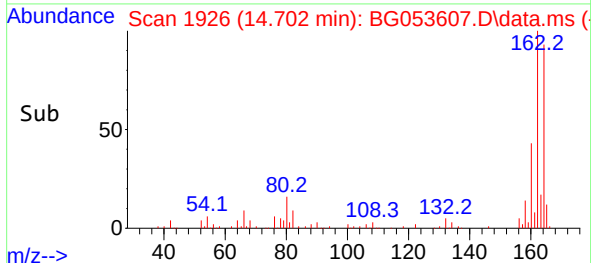
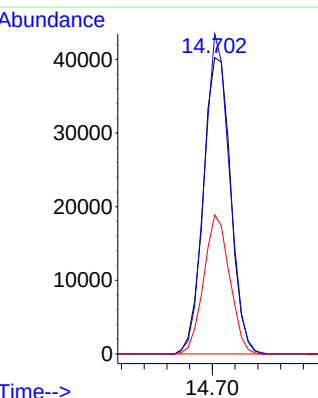
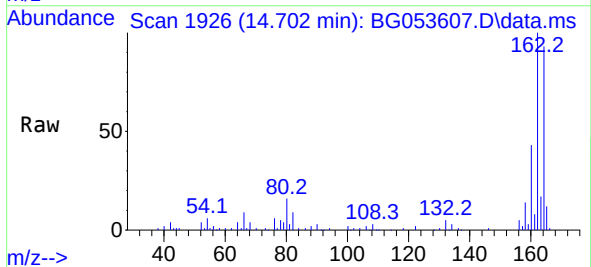
Tgt Ion:164 Resp: 67044

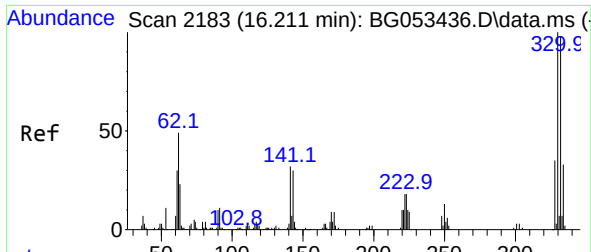
Ion Ratio Lower Upper

164 100

162 108.0 82.3 123.5

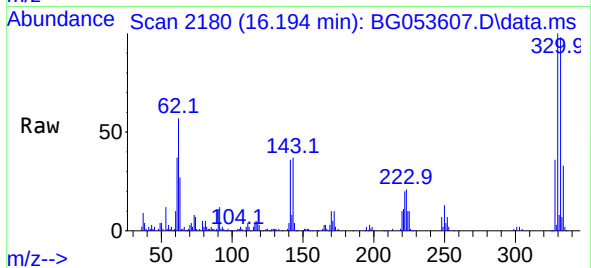
160 46.9 34.2 51.2



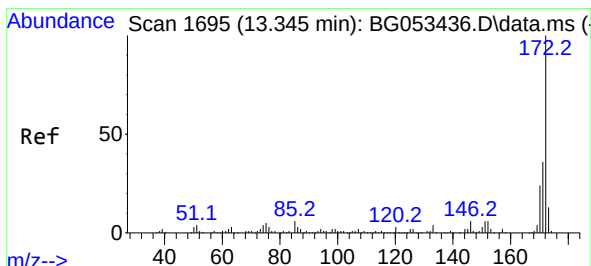
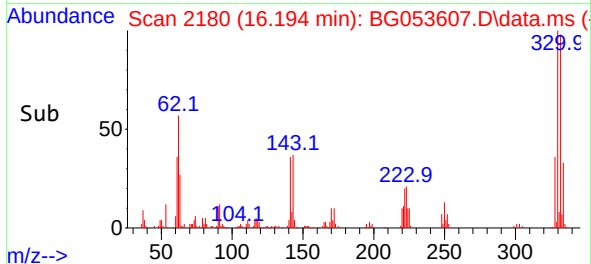
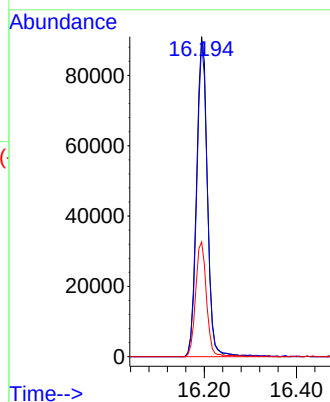


#42
2,4,6-Tribromophenol
Concen: 149.827 ng
RT: 16.194 min Scan# 2183
Delta R.T. -0.008 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

Instrument :
BNA_G
ClientSampleId :
TP-38

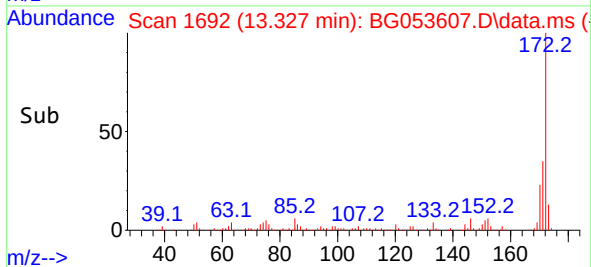
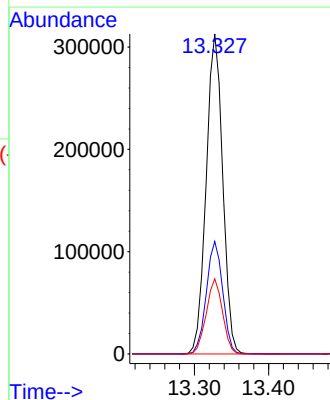
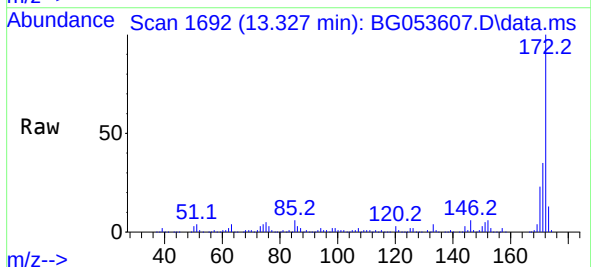


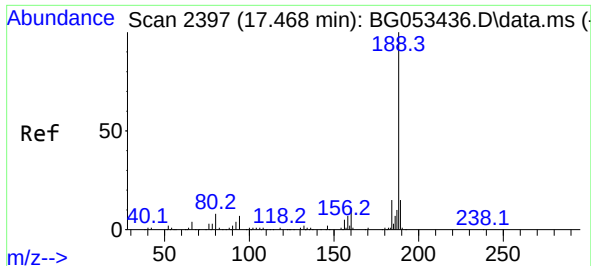
Tgt Ion:330 Resp: 148152
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 35.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 105.448 ng
RT: 13.327 min Scan# 1692
Delta R.T. -0.008 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

Tgt Ion:172 Resp: 483801
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.5 18.9 28.3

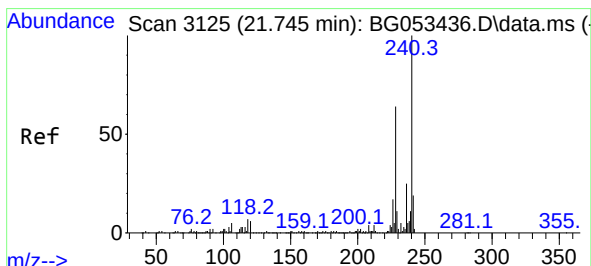
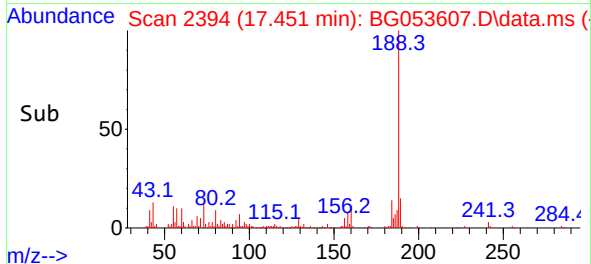
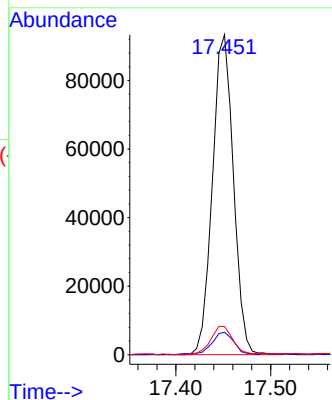
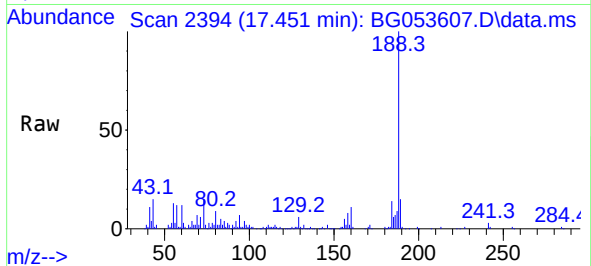




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

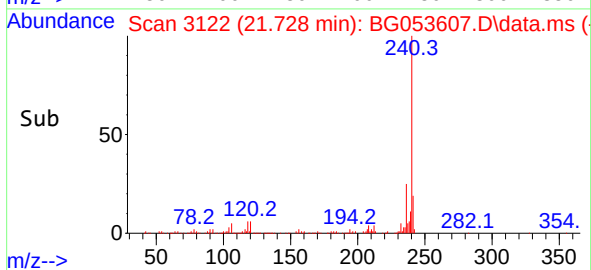
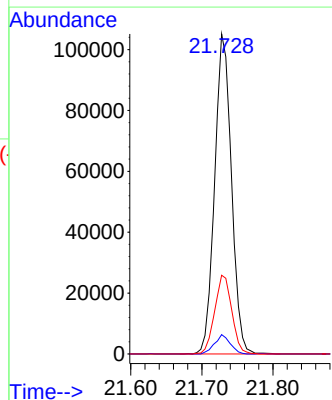
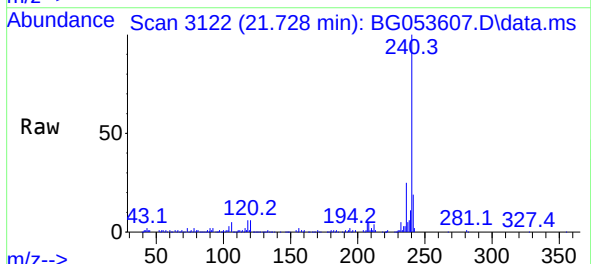
Instrument :
BNA_G
ClientSampleId :
TP-38

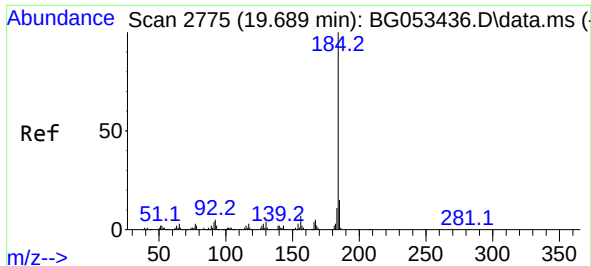
Tgt Ion:188 Resp: 143523
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.014 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

Tgt Ion:240 Resp: 172203
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 24.6 20.2 30.4

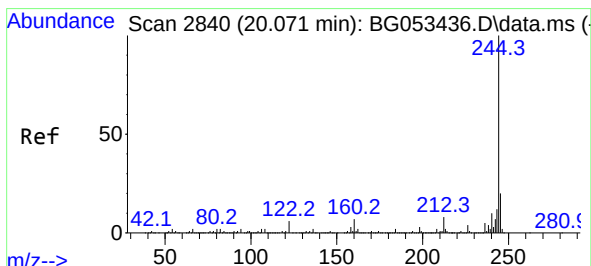
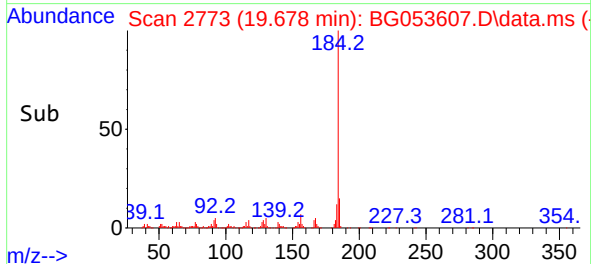
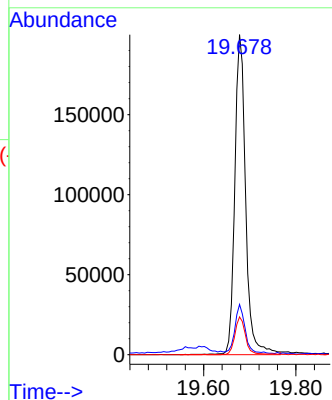
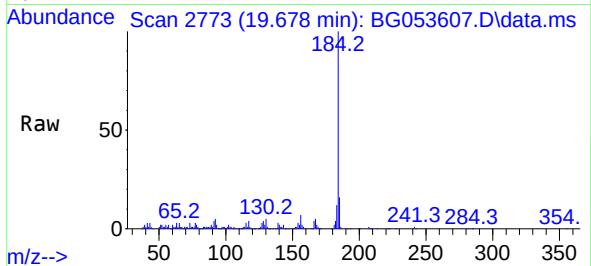




#77
Benzidine
Concen: 87.641 ng
RT: 19.678 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

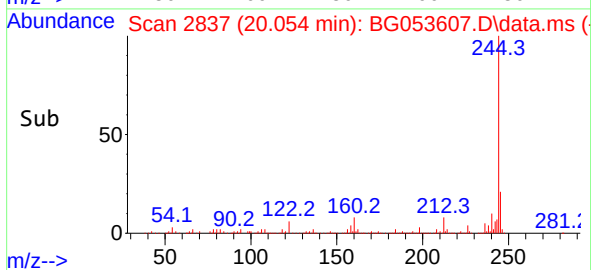
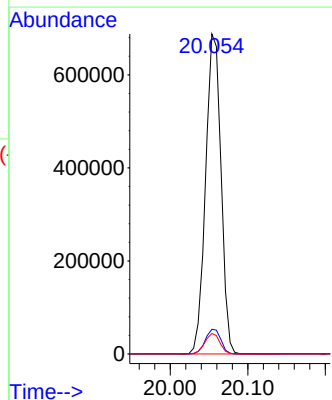
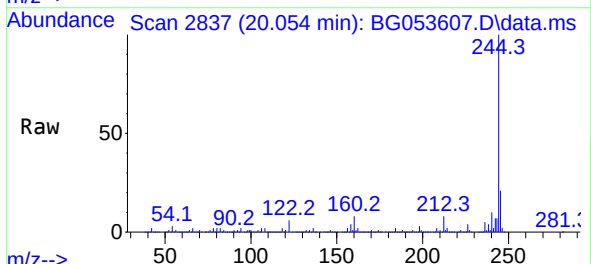
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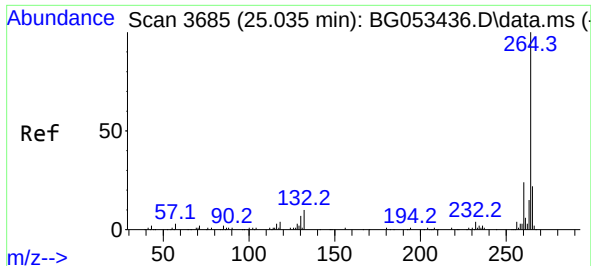
Tgt Ion:184 Resp: 325289
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.6
183 11.8 8.9 13.3



#79
Terphenyl-d14
Concen: 102.614 ng
RT: 20.054 min Scan# 2837
Delta R.T. -0.008 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

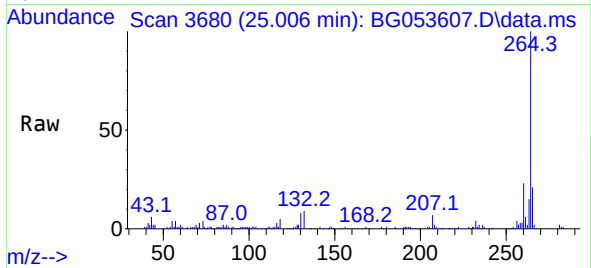
Tgt Ion:244 Resp: 948760
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 6.4 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG053607.D
Acq: 18 May 2022 17:28

Instrument :
BNA_G
ClientSampleId :
TP-38



Tgt Ion:264 Resp: 174095
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 21.0 17.4 26.2

