

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053453.D
 Acq On : 5 May 2022 16:39
 Operator : CG/JU
 Sample : N2677-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2,7

Quant Time: May 06 03:47:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	24091	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	91942	20.000	ng	-0.01
39) Acenaphthene-d10	14.713	164	70868	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	183061	20.000	ng	-0.01
76) Chrysene-d12	21.738	240	209177	20.000	ng	0.00
86) Perylene-d12	25.016	264	210124	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	170140	119.858	ng	-0.01
7) Phenol-d6	7.252	99	246912	114.612	ng	0.00
23) Nitrobenzene-d5	9.249	82	174749	80.907	ng	-0.01
42) 2,4,6-Tribromophenol	16.199	330	128015	122.476	ng	-0.01
45) 2-Fluorobiphenyl	13.338	172	386919	79.782	ng	0.00
79) Terphenyl-d14	20.058	244	837670	74.584	ng	-0.01

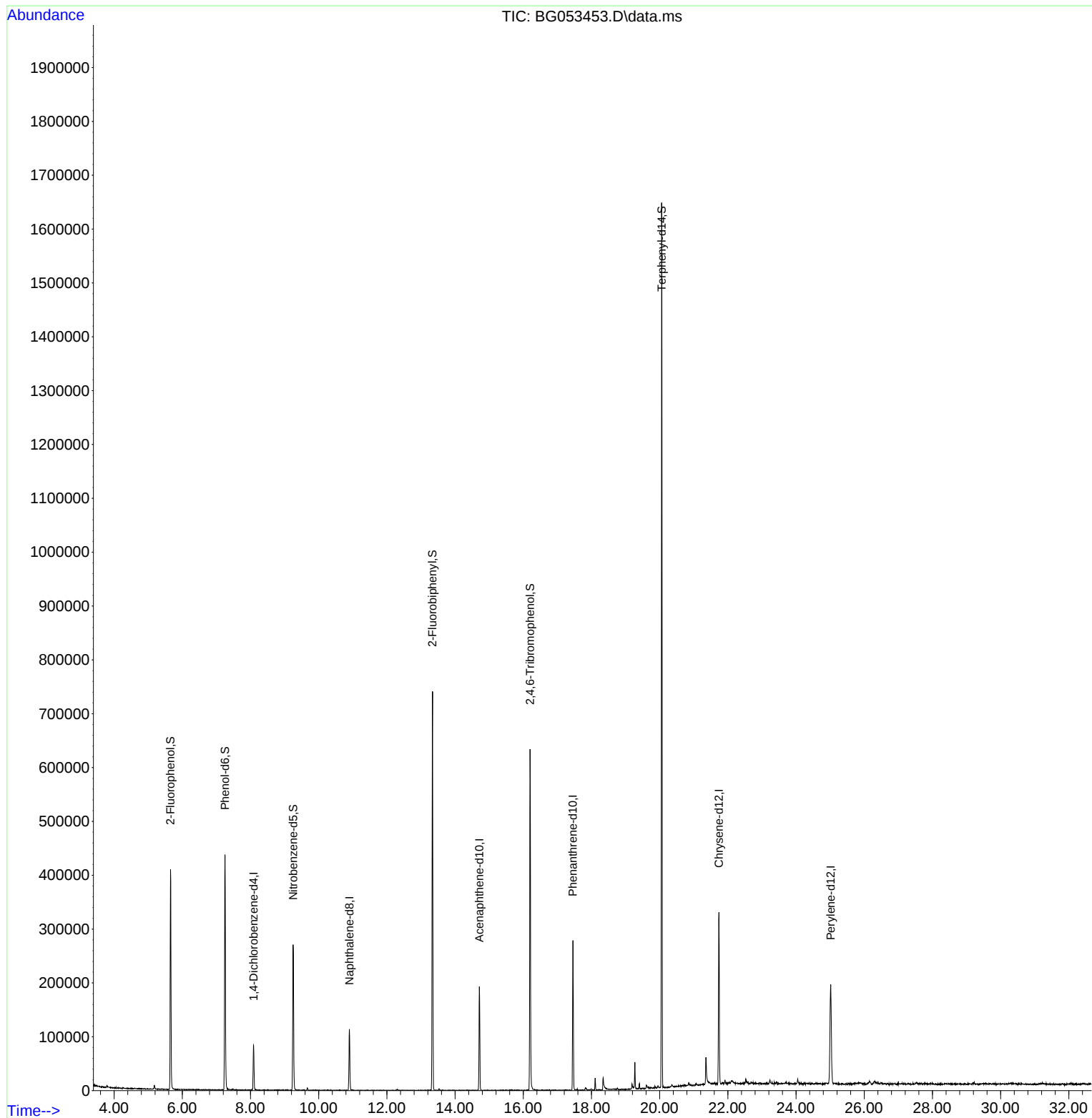
Target Compounds	Qvalue

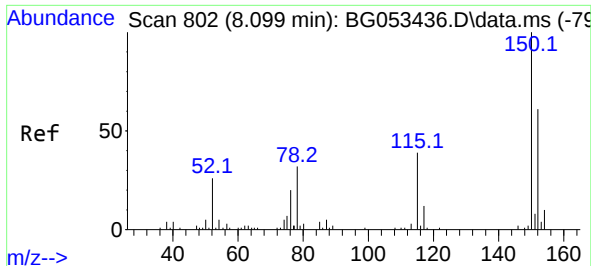
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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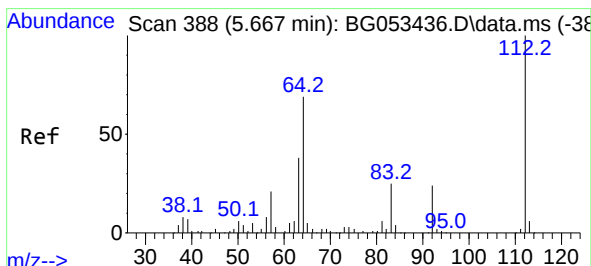
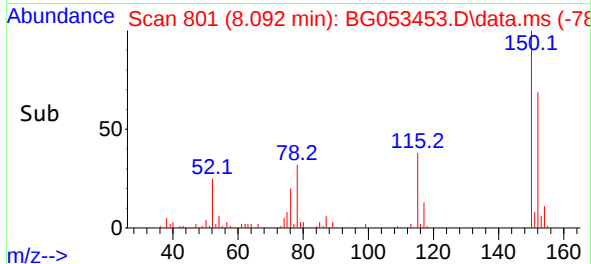
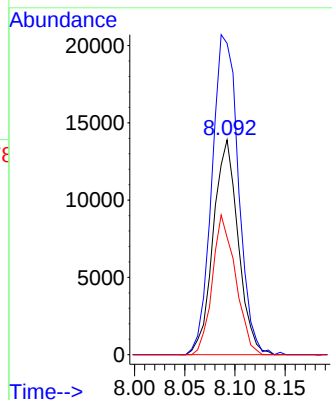
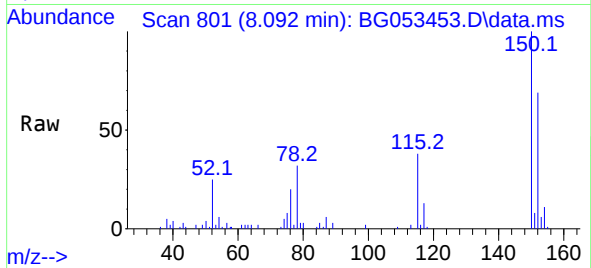




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG053453.D
Acq: 5 May 2022 16:39

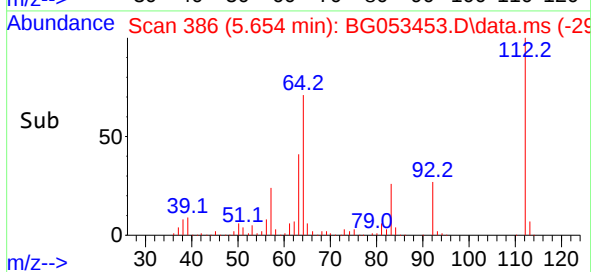
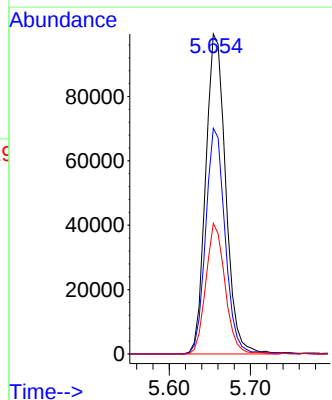
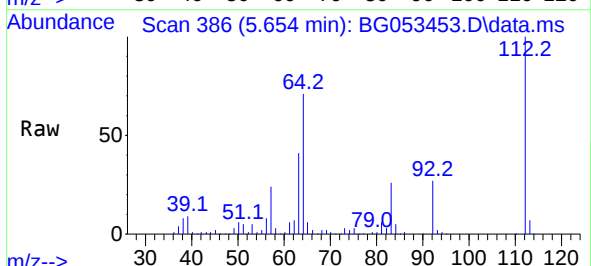
Instrument :
BNA_G
ClientSampleId :
SB-2,7

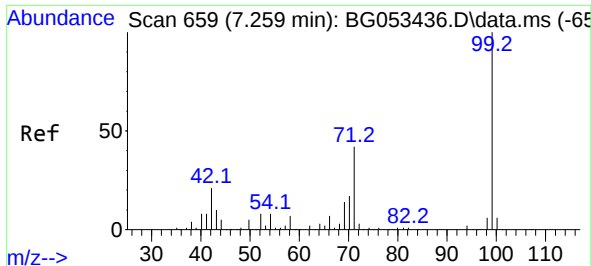
Tgt Ion:152 Resp: 24091
Ion Ratio Lower Upper
152 100
150 144.8 131.6 197.4
115 54.6 50.9 76.3



#5
2-Fluorophenol
Concen: 119.858 ng
RT: 5.654 min Scan# 386
Delta R.T. -0.013 min
Lab File: BG053453.D
Acq: 5 May 2022 16:39

Tgt Ion:112 Resp: 170140
Ion Ratio Lower Upper
112 100
64 70.6 55.1 82.7
63 40.8 30.4 45.6

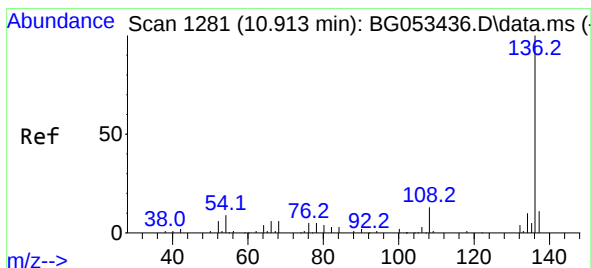
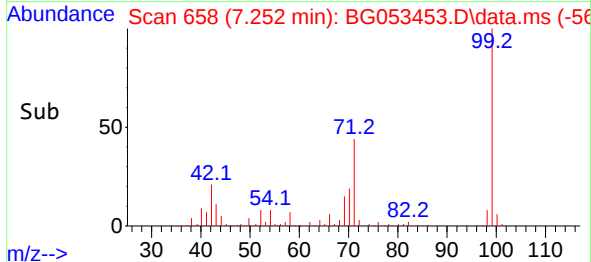
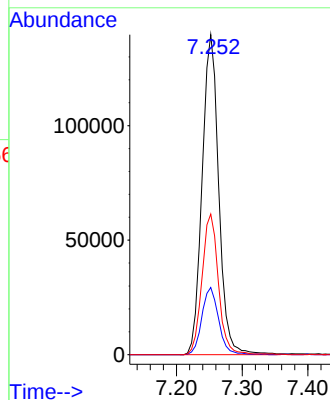
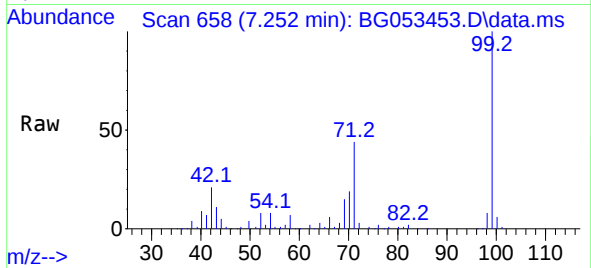




#7
Phenol-d6
Concen: 114.612 ng
RT: 7.252 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053453.D
Acq: 5 May 2022 16:39

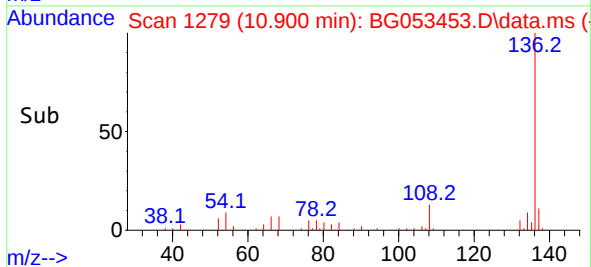
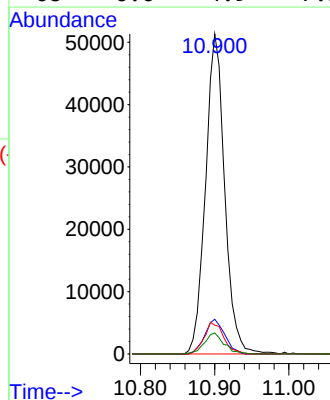
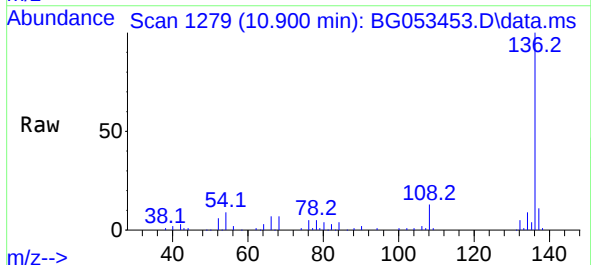
Instrument :
BNA_G
ClientSampleId :
SB-2,7

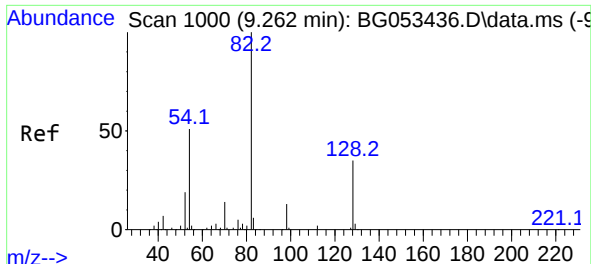
Tgt Ion: 99 Resp: 246912
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 43.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.900 min Scan# 1279
Delta R.T. -0.013 min
Lab File: BG053453.D
Acq: 5 May 2022 16:39

Tgt Ion:136 Resp: 91942
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.0 7.4 11.2
68 6.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 80.907 ng

RT: 9.249 min Scan# 91

Delta R.T. -0.013 min

Lab File: BG053453.D

Acq: 5 May 2022 16:39

Instrument :

BNA_G

ClientSampleId :

SB-2,7

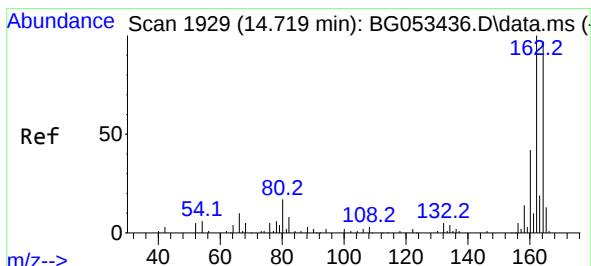
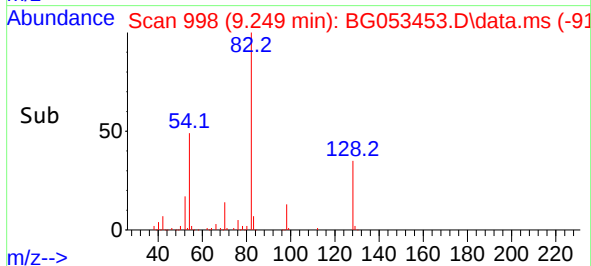
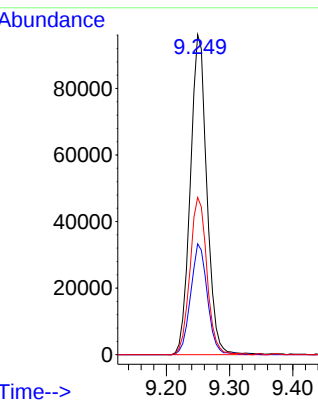
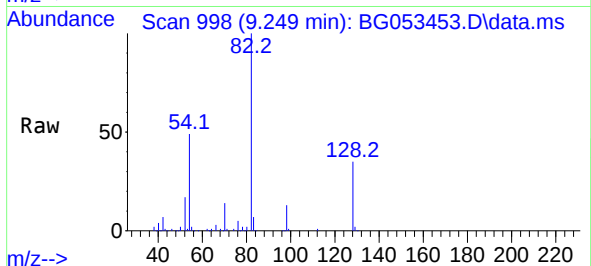
Tgt Ion: 82 Resp: 174749

Ion Ratio Lower Upper

82 100

128 34.7 27.9 41.9

54 49.2 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.713 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BG053453.D

Acq: 5 May 2022 16:39

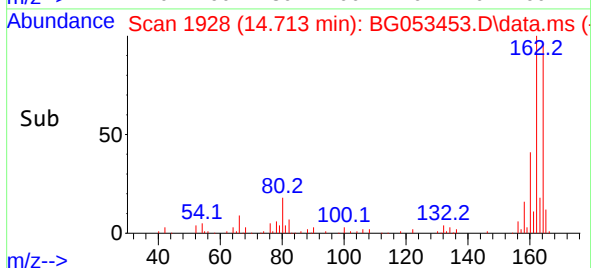
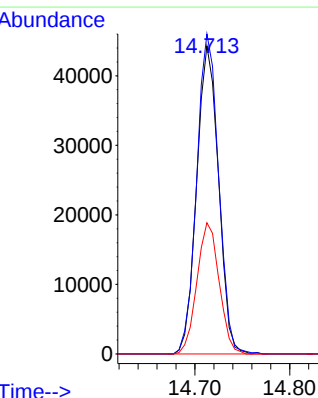
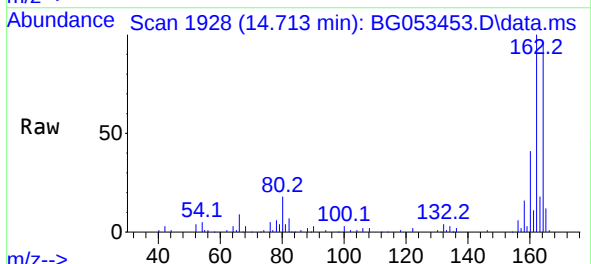
Tgt Ion:164 Resp: 70868

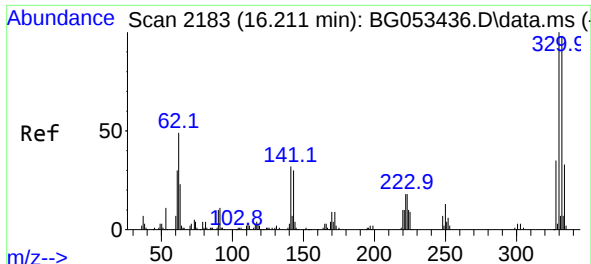
Ion Ratio Lower Upper

164 100

162 103.8 82.3 123.5

160 42.6 34.2 51.2

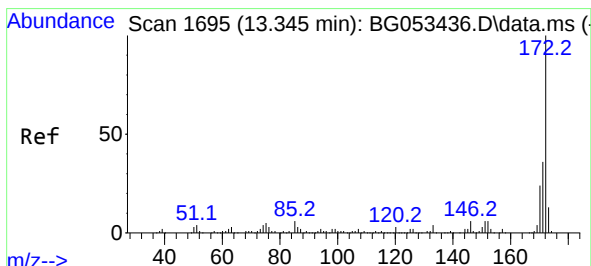
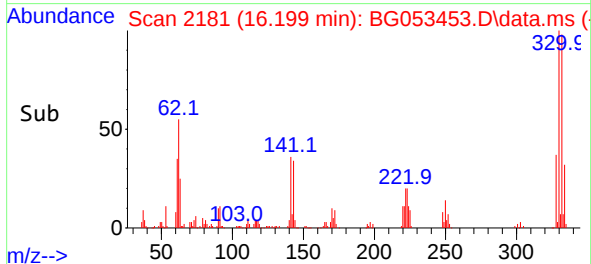
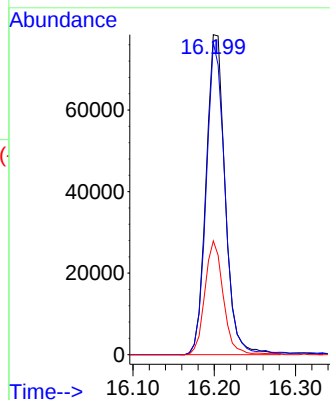
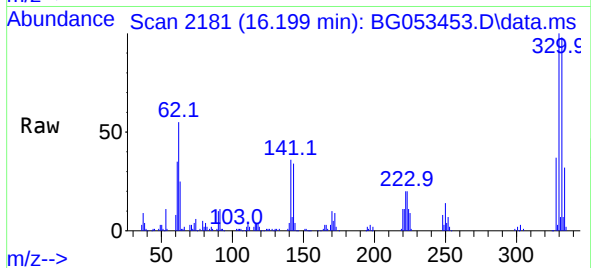




#42
2,4,6-Tribromophenol
Concen: 122.476 ng
RT: 16.199 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BG053453.D
Acq: 5 May 2022 16:39

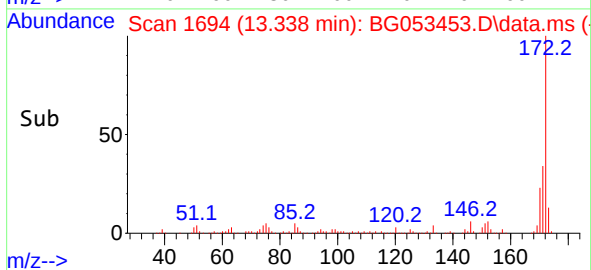
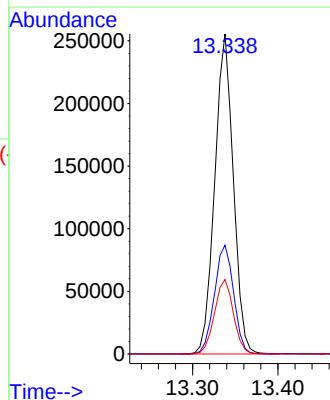
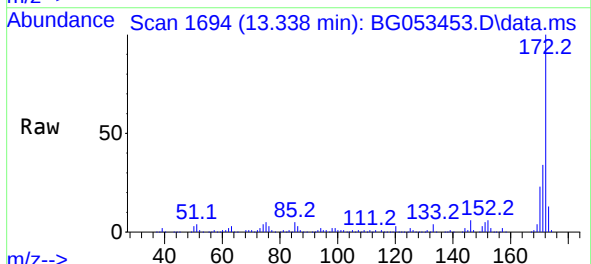
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BNA_G
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SB-2,7

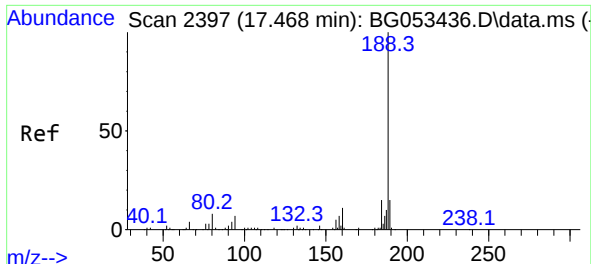
Tgt Ion:330 Resp: 128015
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 34.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 79.782 ng
RT: 13.338 min Scan# 1694
Delta R.T. -0.007 min
Lab File: BG053453.D
Acq: 5 May 2022 16:39

Tgt Ion:172 Resp: 386919
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 23.3 18.9 28.3

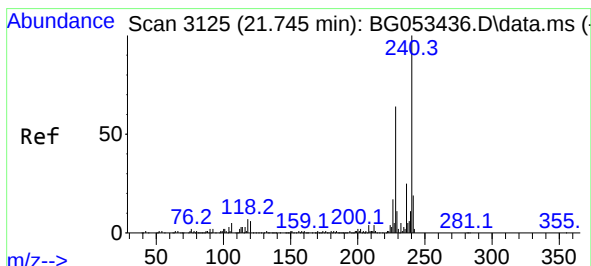
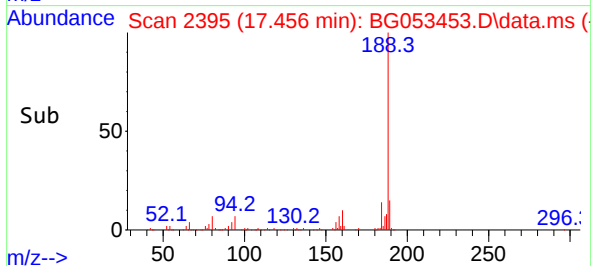
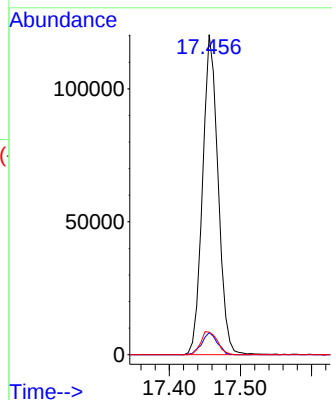
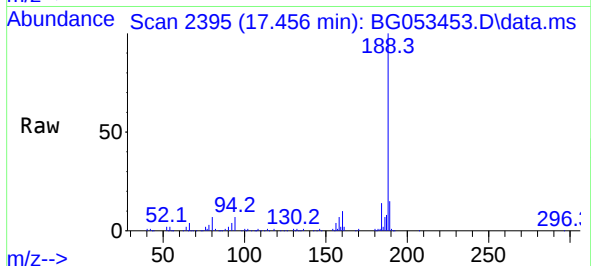




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053453.D
Acq: 5 May 2022 16:39

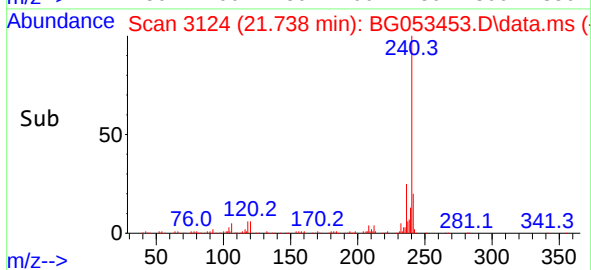
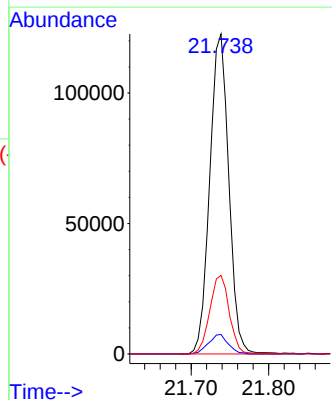
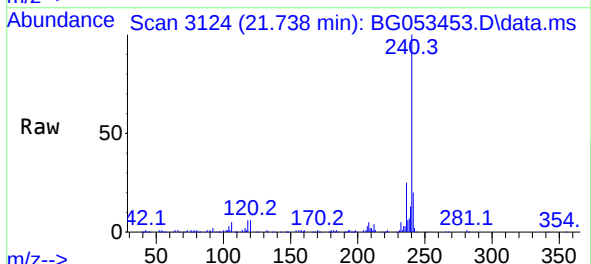
Instrument :
BNA_G
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SB-2,7

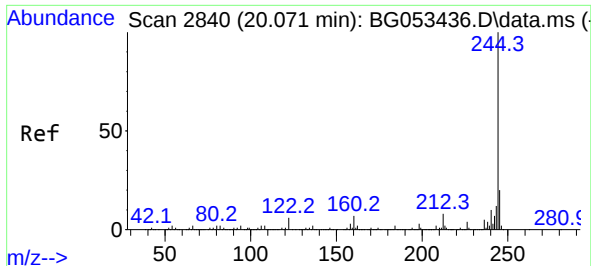
Tgt Ion:188 Resp: 183061
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 7.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG053453.D
Acq: 5 May 2022 16:39

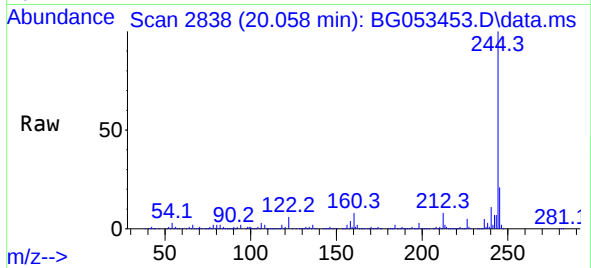
Tgt Ion:240 Resp: 209177
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.5 20.2 30.4



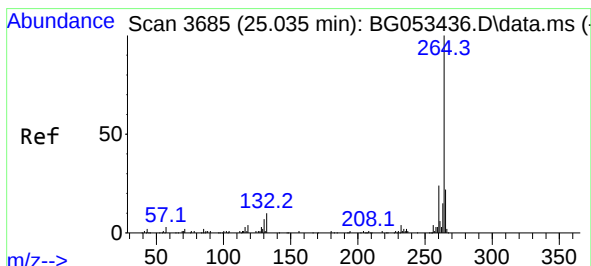
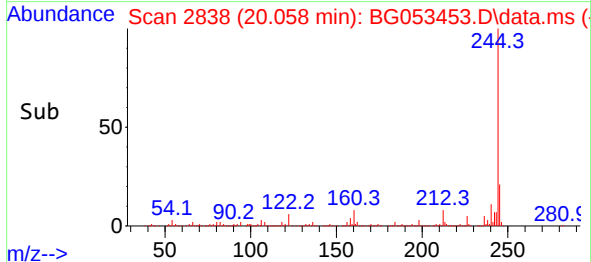
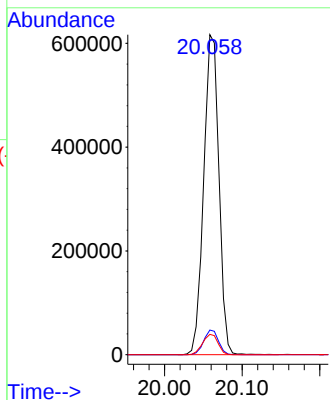


#79
 Terphenyl-d14
 Concen: 74.584 ng
 RT: 20.058 min Scan# 2838
 Delta R.T. -0.013 min
 Lab File: BG053453.D
 Acq: 5 May 2022 16:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-2,7



Tgt Ion:244 Resp: 837670
 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: 25.016 min Scan# 3682
 Delta R.T. -0.018 min
 Lab File: BG053453.D
 Acq: 5 May 2022 16:39

Tgt Ion:264 Resp: 210124
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.9 17.4 26.2

