

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
 Data File : BG056677.D
 Acq On : 20 Feb 2023 17:25
 Operator : CG/JU
 Sample : 01606-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-210

Quant Time: Feb 20 18:07:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

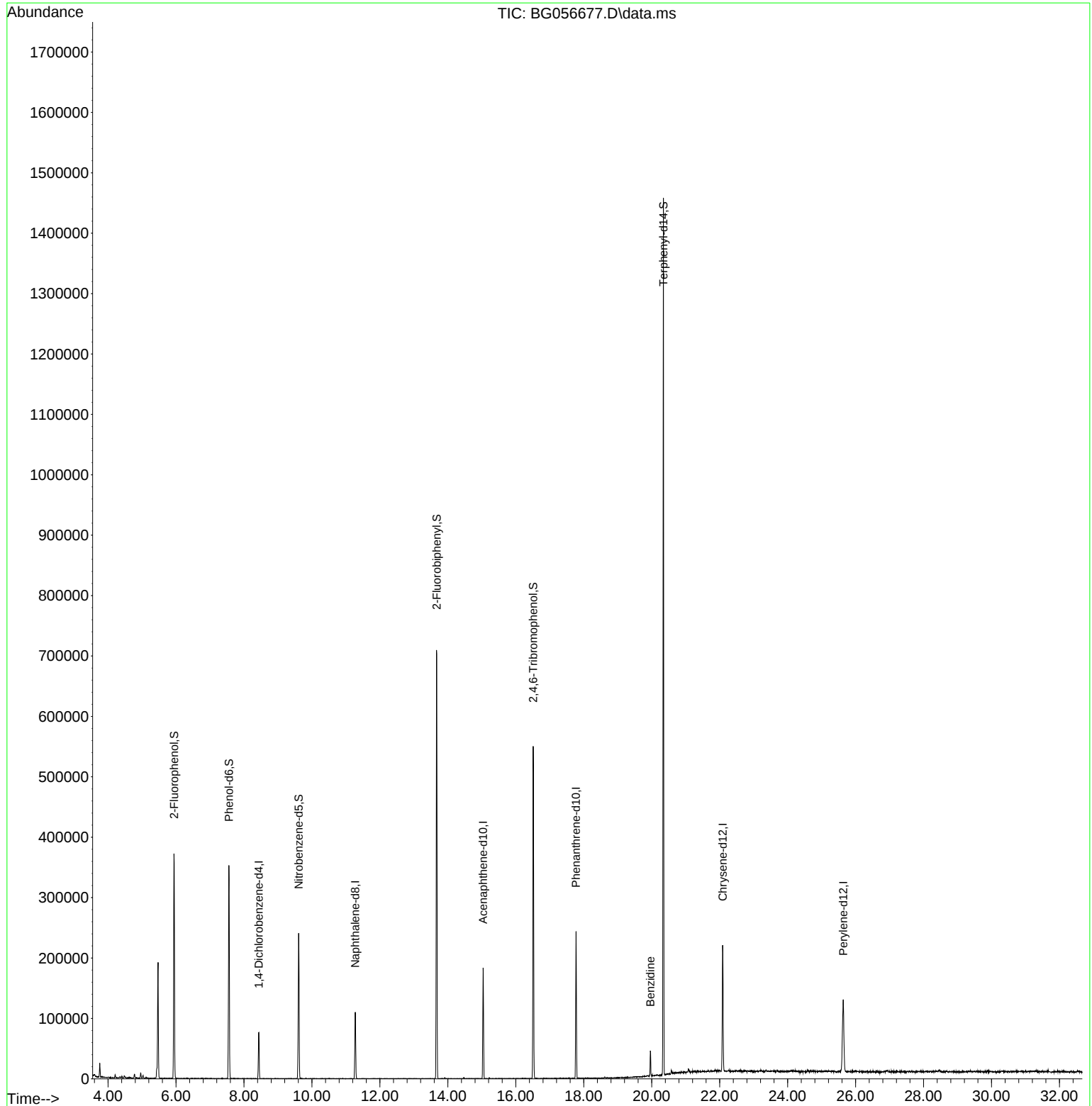
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.438	152	21473	20.000	ng	0.00
21) Naphthalene-d8	11.276	136	90370	20.000	ng	0.00
39) Acenaphthene-d10	15.036	164	66433	20.000	ng	0.00
64) Phenanthrene-d10	17.774	188	154553	20.000	ng	0.00
76) Chrysene-d12	22.087	240	137936	20.000	ng	-0.01
86) Perylene-d12	25.636	264	147067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.947	112	154526	117.089	ng	0.00
7) Phenol-d6	7.557	99	200329	102.762	ng	0.00
23) Nitrobenzene-d5	9.613	82	151755	85.980	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	106852	117.478	ng	0.00
45) 2-Fluorobiphenyl	13.673	172	378683	76.329	ng	0.00
79) Terphenyl-d14	20.342	244	720821	85.500	ng	0.00
Target Compounds						
77) Benzidine	19.960	184	26388	7.999	ng	Qvalue 99

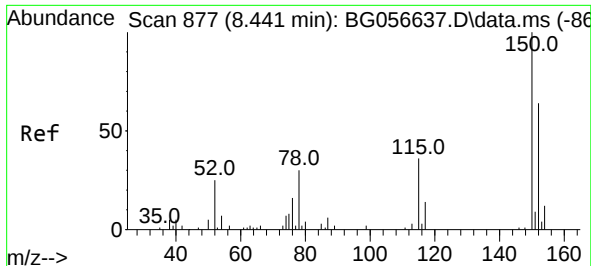
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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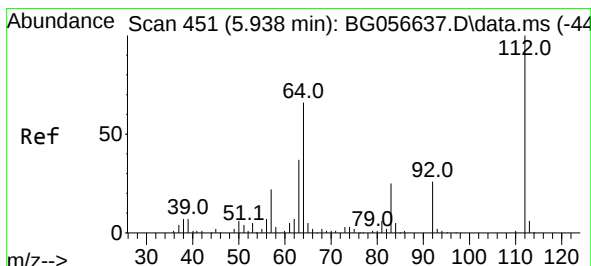
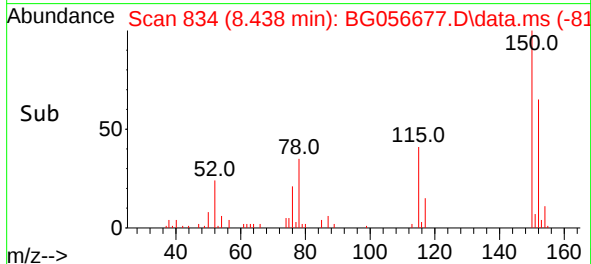
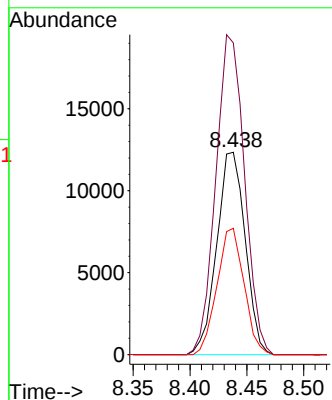
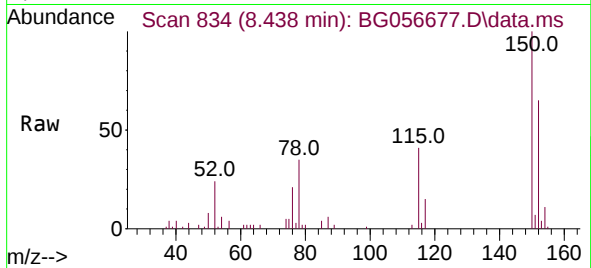




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.438 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056677.D
Acq: 20 Feb 2023 17:25

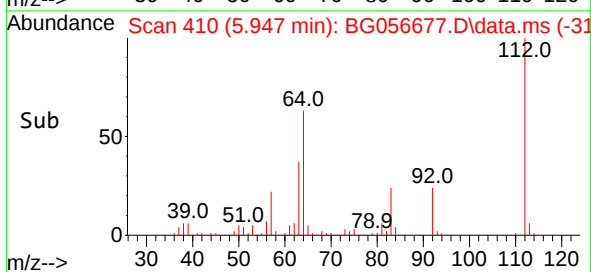
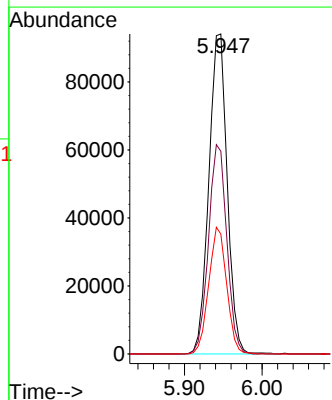
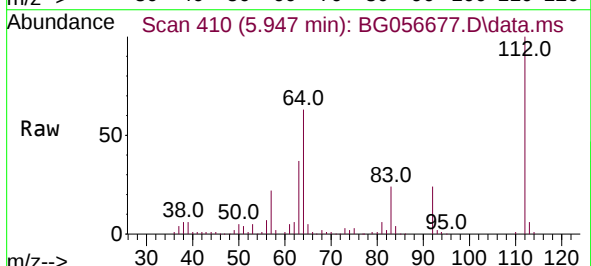
Instrument :
BNA_G
ClientSampleId :
VNJ-210

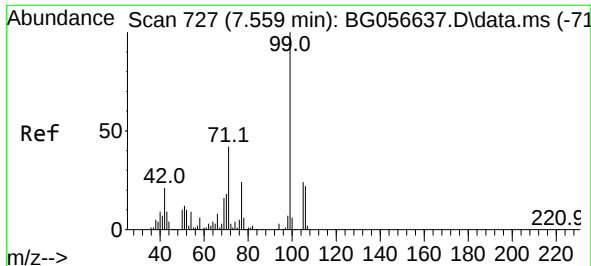
Tgt Ion:152 Resp: 21473
Ion Ratio Lower Upper
152 100
150 154.0 124.8 187.2
115 62.5 44.7 67.1



#5
2-Fluorophenol
Concen: 117.089 ng
RT: 5.947 min Scan# 410
Delta R.T. 0.009 min
Lab File: BG056677.D
Acq: 20 Feb 2023 17:25

Tgt Ion:112 Resp: 154526
Ion Ratio Lower Upper
112 100
64 63.3 52.6 78.8
63 37.4 29.8 44.6

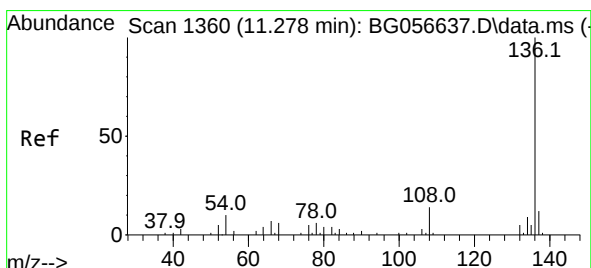
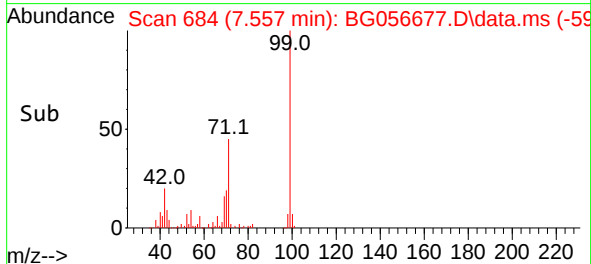
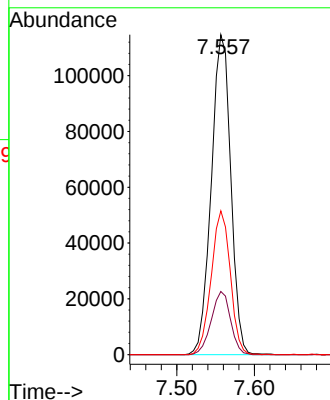
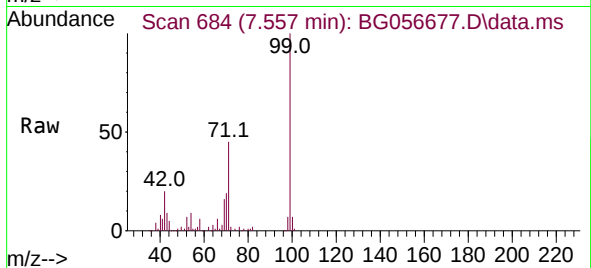




#7
Phenol-d6
Concen: 102.762 ng
RT: 7.557 min Scan# 684
Delta R.T. -0.003 min
Lab File: BG056677.D
Acq: 20 Feb 2023 17:25

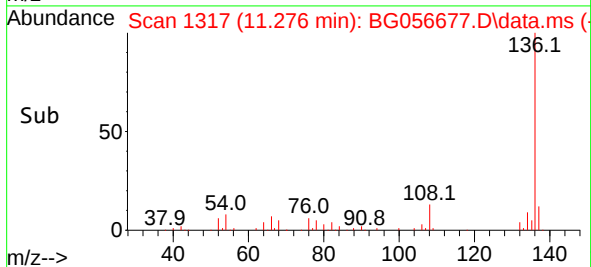
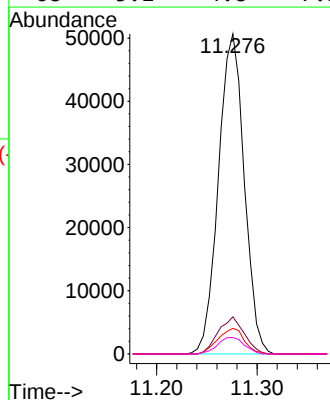
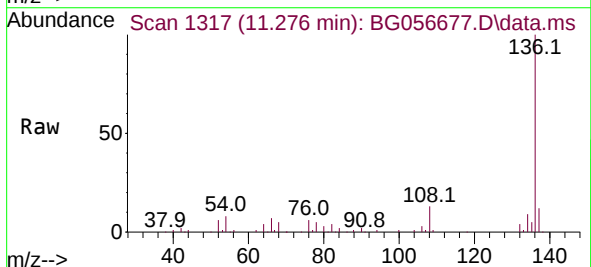
Instrument :
BNA_G
ClientSampleId :
VNJ-210

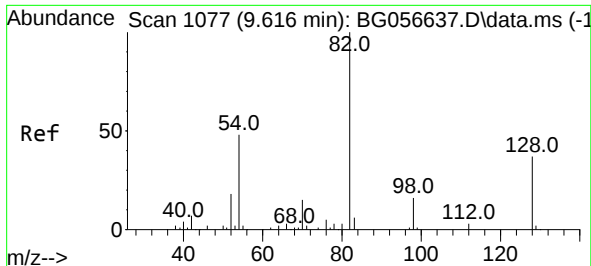
Tgt Ion: 99 Resp: 200329
Ion Ratio Lower Upper
99 100
42 19.7 16.8 25.2
71 44.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.276 min Scan# 1317
Delta R.T. -0.003 min
Lab File: BG056677.D
Acq: 20 Feb 2023 17:25

Tgt Ion: 136 Resp: 90370
Ion Ratio Lower Upper
136 100
137 11.6 9.7 14.5
54 8.0 7.7 11.5
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.980 ng

RT: 9.613 min Scan# 1077

Delta R.T. -0.003 min

Lab File: BG056677.D

Acq: 20 Feb 2023 17:25

Instrument :

BNA_G

ClientSampleId :

VNJ-210

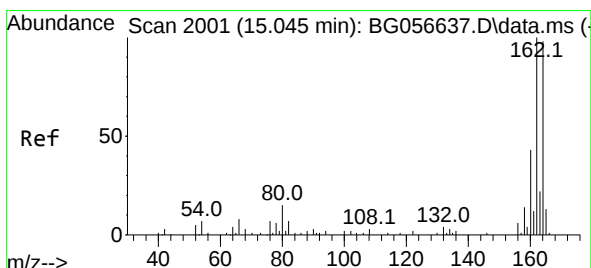
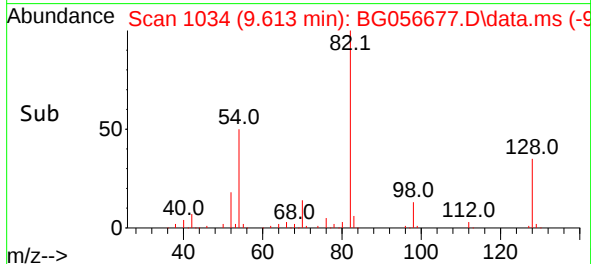
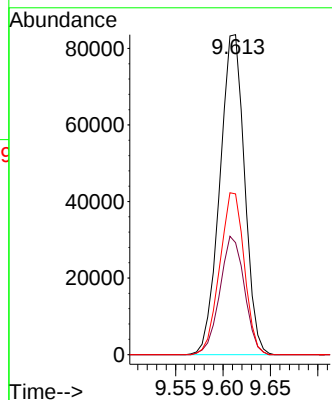
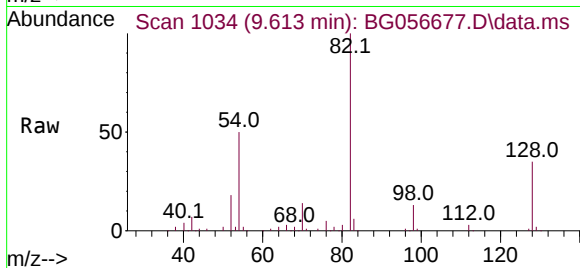
Tgt Ion: 82 Resp: 151755

Ion Ratio Lower Upper

82 100

128 35.0 29.4 44.2

54 50.2 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.036 min Scan# 1957

Delta R.T. -0.008 min

Lab File: BG056677.D

Acq: 20 Feb 2023 17:25

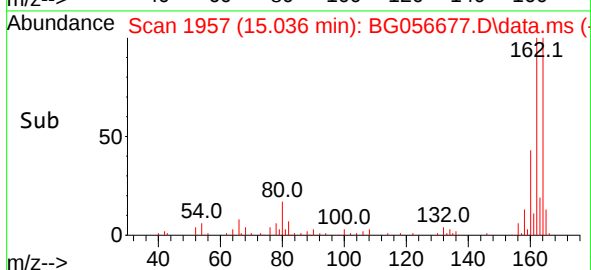
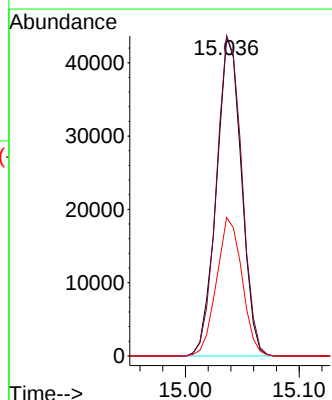
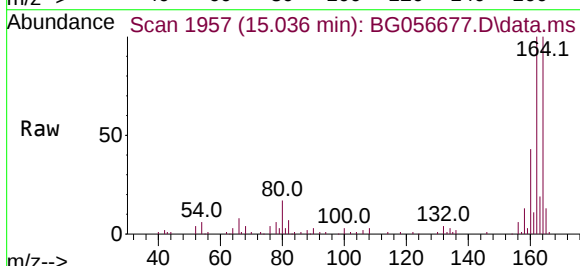
Tgt Ion:164 Resp: 66433

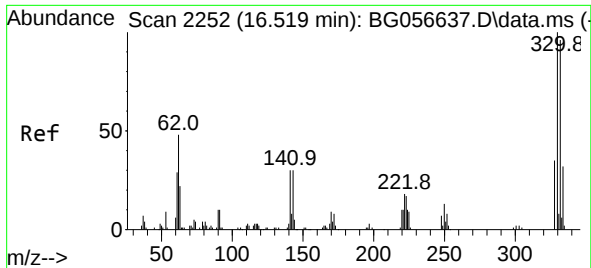
Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

160 43.3 35.2 52.8

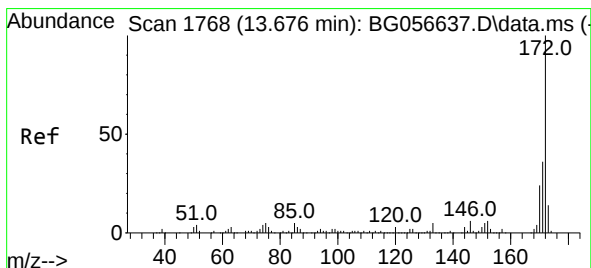
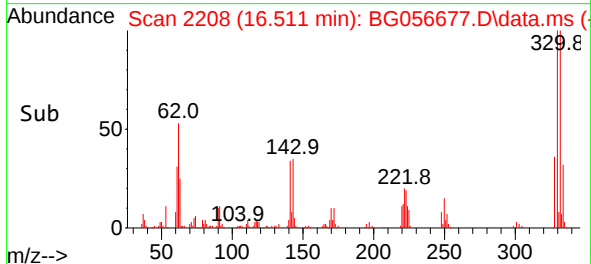
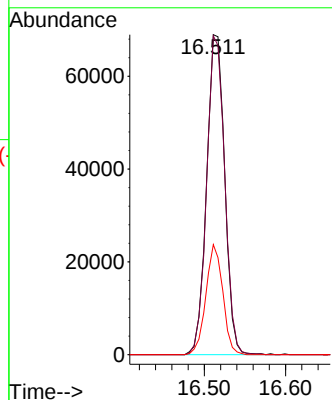
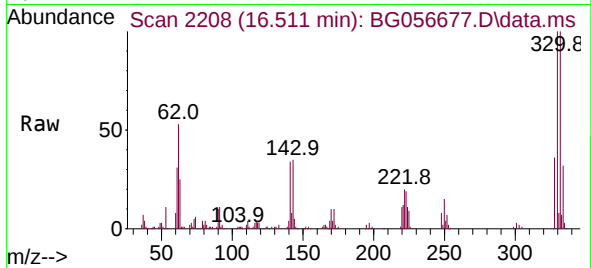




#42
2,4,6-Tribromophenol
Concen: 117.478 ng
RT: 16.511 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056677.D
Acq: 20 Feb 2023 17:25

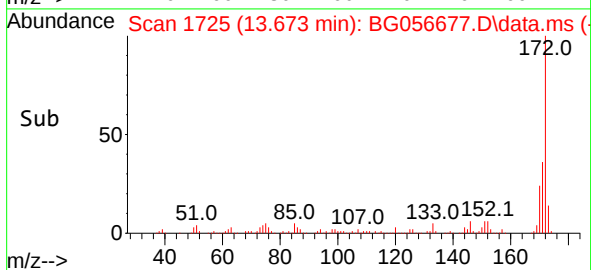
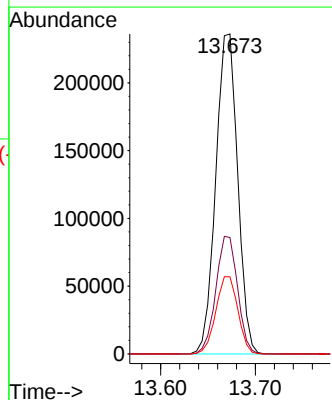
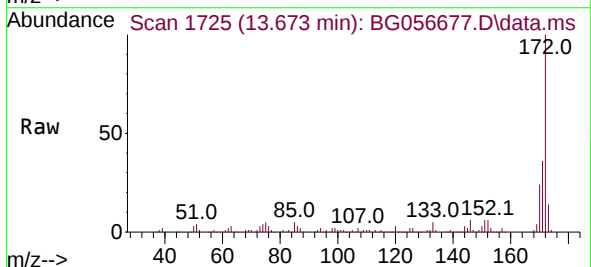
Instrument :
BNA_G
ClientSampleId :
VNJ-210

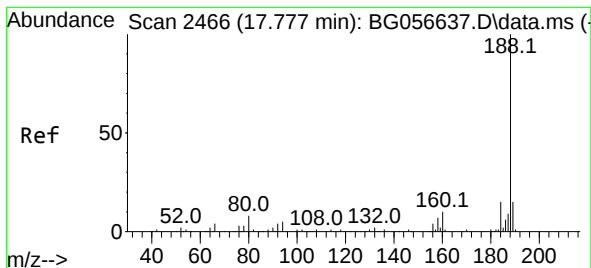
Tgt Ion:330 Resp: 106852
Ion Ratio Lower Upper
330 100
332 99.2 75.7 113.5
141 32.1 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 76.329 ng
RT: 13.673 min Scan# 1725
Delta R.T. -0.003 min
Lab File: BG056677.D
Acq: 20 Feb 2023 17:25

Tgt Ion:172 Resp: 378683
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.1 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.774 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG056677.D

Acq: 20 Feb 2023 17:25

Instrument :

BNA_G

ClientSampleId :

VNJ-210

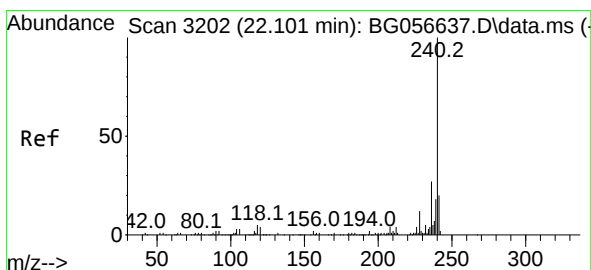
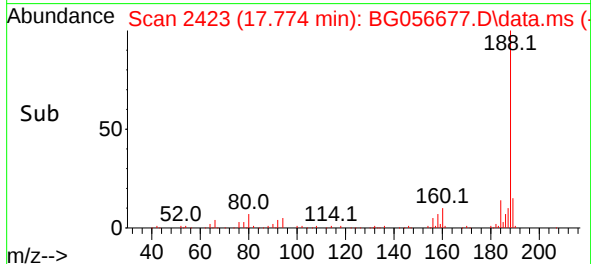
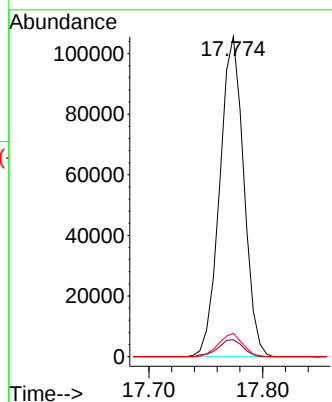
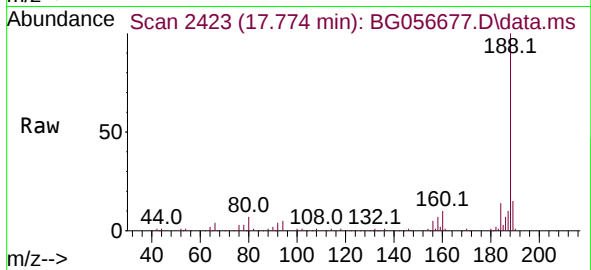
Tgt Ion:188 Resp: 154553

Ion Ratio Lower Upper

188 100

94 5.3 4.0 6.0

80 7.3 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.087 min Scan# 3157

Delta R.T. -0.014 min

Lab File: BG056677.D

Acq: 20 Feb 2023 17:25

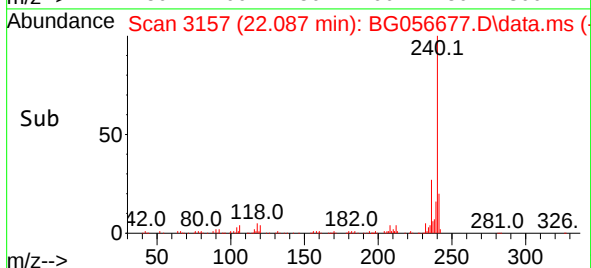
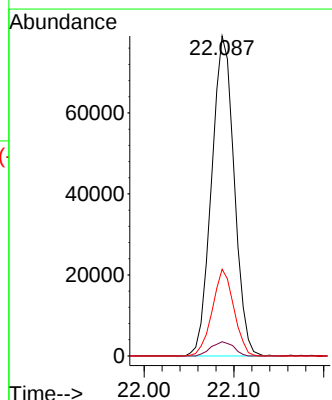
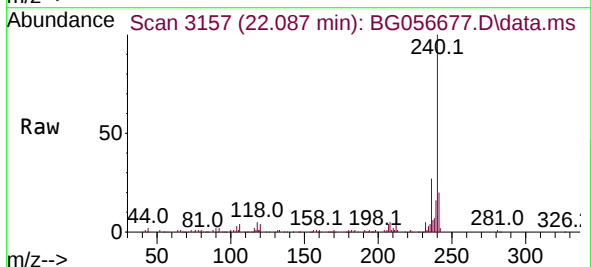
Tgt Ion:240 Resp: 137936

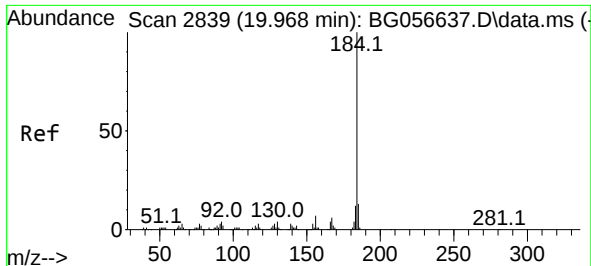
Ion Ratio Lower Upper

240 100

120 4.4 3.5 5.3

236 27.1 21.5 32.3

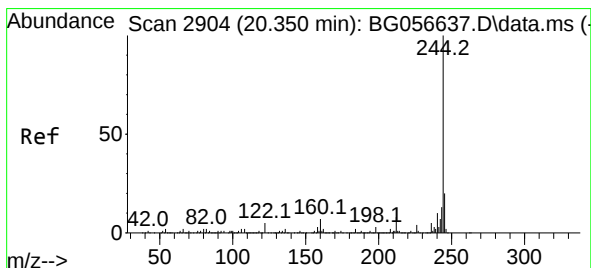
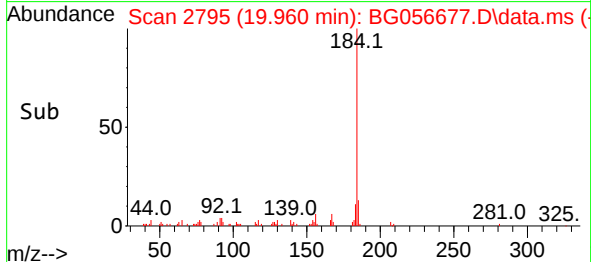
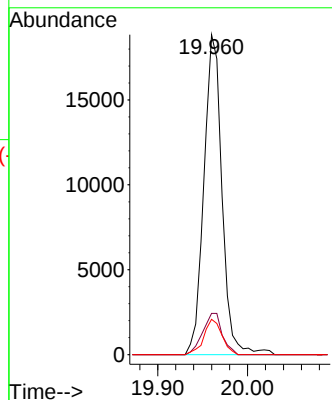
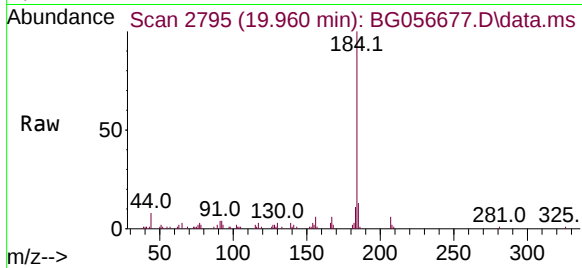




#77
Benzidine
Concen: 7.999 ng
RT: 19.960 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056677.D
Acq: 20 Feb 2023 17:25

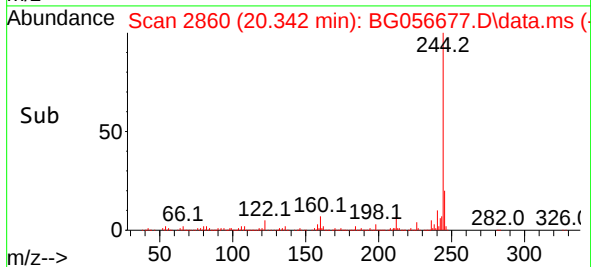
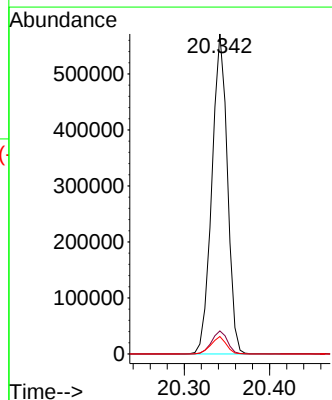
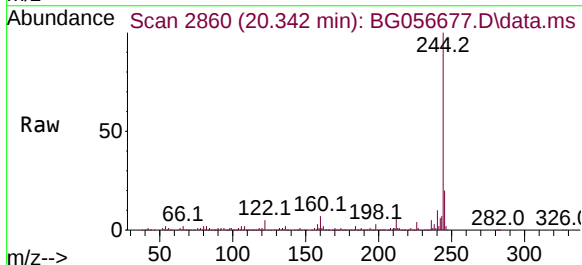
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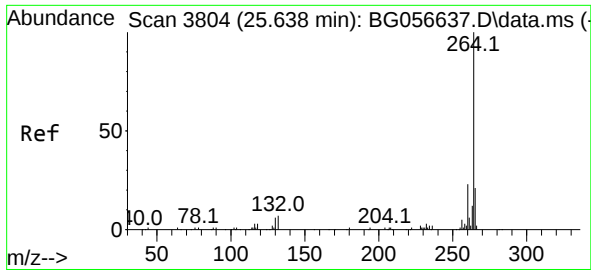
Tgt Ion:184 Resp: 26388
Ion Ratio Lower Upper
184 100
185 12.9 10.6 15.8
183 11.0 9.4 14.0



#79
Terphenyl-d14
Concen: 85.500 ng
RT: 20.342 min Scan# 2860
Delta R.T. -0.008 min
Lab File: BG056677.D
Acq: 20 Feb 2023 17:25

Tgt Ion:244 Resp: 720821
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 5.4 3.8 5.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.636 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056677.D

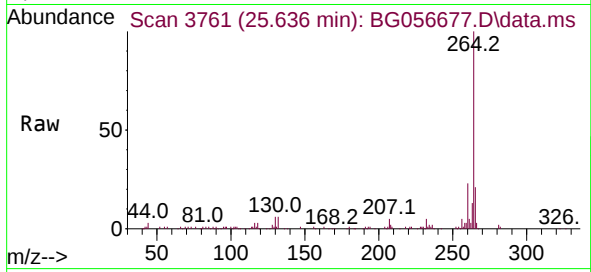
Acq: 20 Feb 2023 17:25

Instrument :

BNA_G

ClientSampleId :

VNJ-210



Tgt Ion:264 Resp: 147067

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.7 17.0 25.4

