

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060380.D
 Acq On : 22 Jan 2024 11:34
 Operator : MA/JU
 Sample : PB158532BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158532BL

Quant Time: Jan 22 12:13:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	292056	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1223757	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	912264	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	2349058	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1986754	20.000	ng	0.00
86) Perylene-d12	24.741	264	2128468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2372015	133.586	ng	0.00
7) Phenol-d6	7.102	99	3345802	127.250	ng	0.00
23) Nitrobenzene-d5	9.094	82	2314556	89.310	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1723499	128.408	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	5046708	76.913	ng	0.00
79) Terphenyl-d14	19.934	244	6616396	83.393	ng	0.00

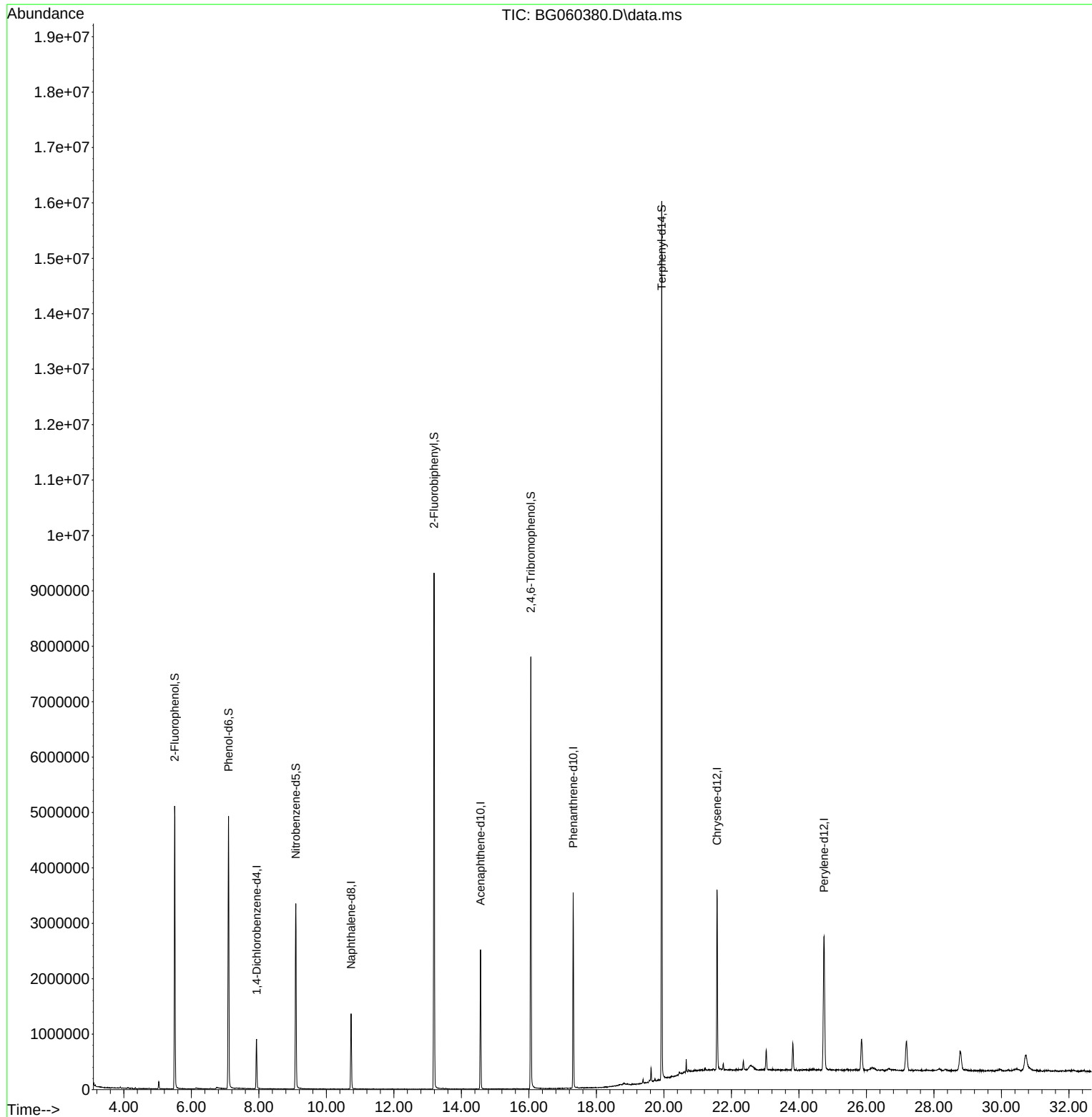
Target Compounds	Qvalue

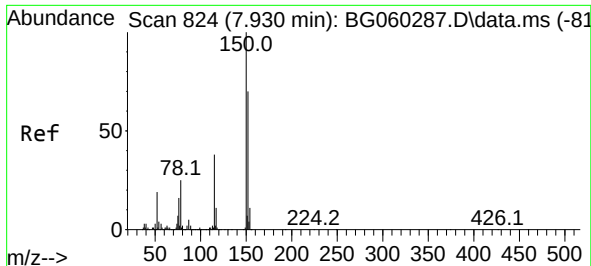
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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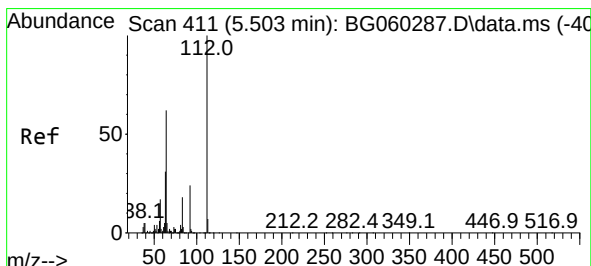
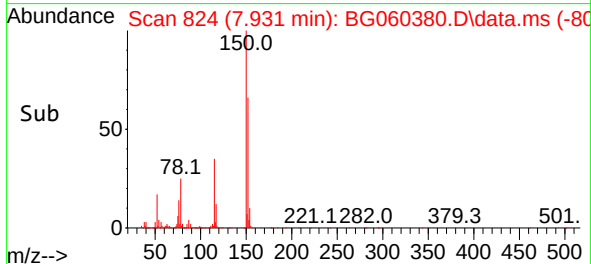
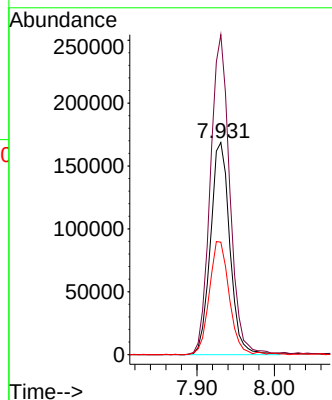
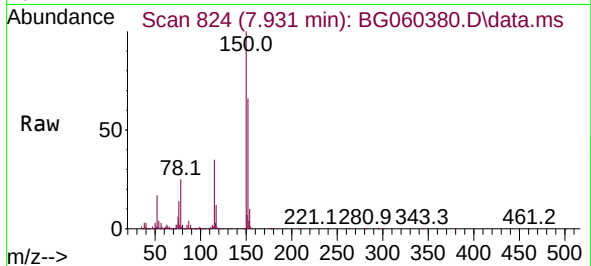




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

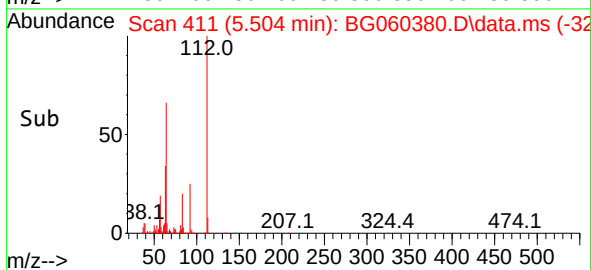
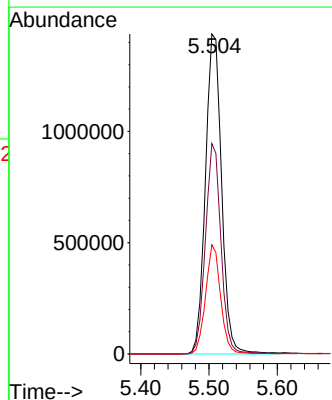
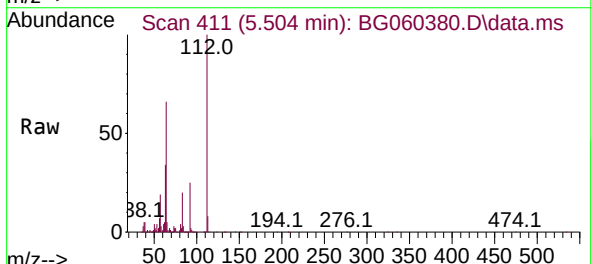
Instrument :
BNA_G
ClientSampleId :
PB158532BL

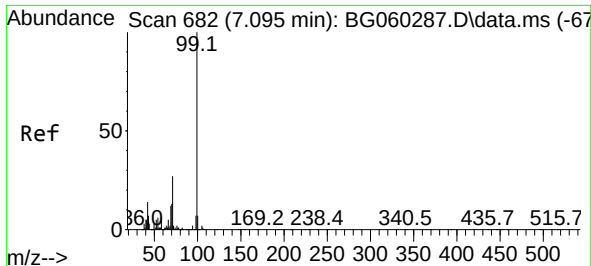
Tgt Ion:152 Resp: 292056
Ion Ratio Lower Upper
152 100
150 150.9 114.5 171.7
115 53.0 43.0 64.6



#5
2-Fluorophenol
Concen: 133.586 ng
RT: 5.504 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Tgt Ion:112 Resp: 2372015
Ion Ratio Lower Upper
112 100
64 65.7 49.8 74.6
63 34.1 24.4 36.6

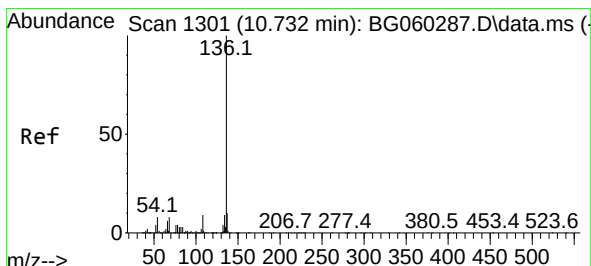
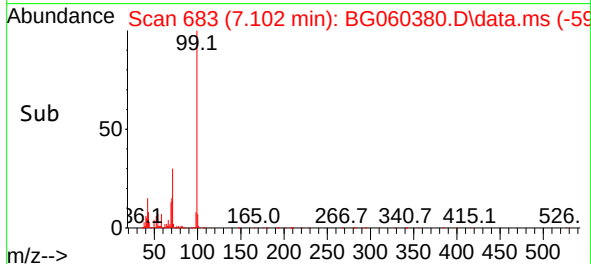
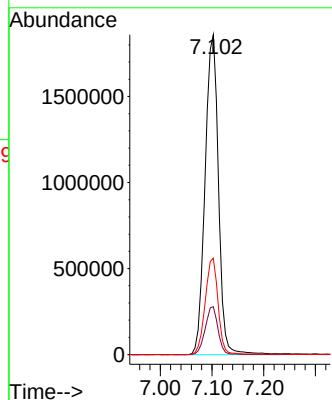
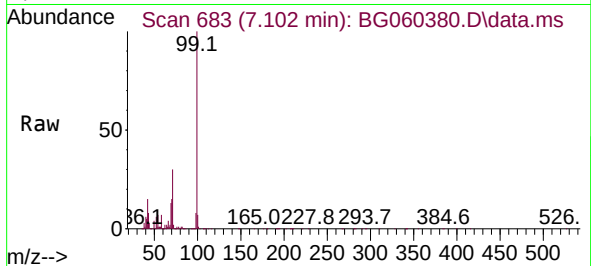




#7
Phenol-d6
Concen: 127.250 ng
RT: 7.102 min Scan# 683
Delta R.T. 0.007 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

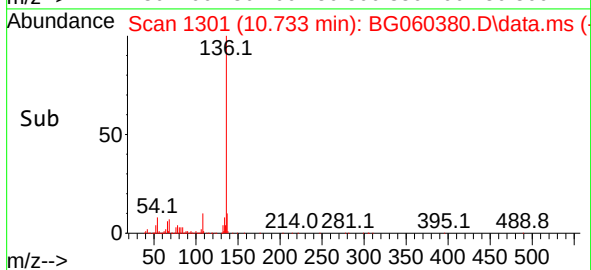
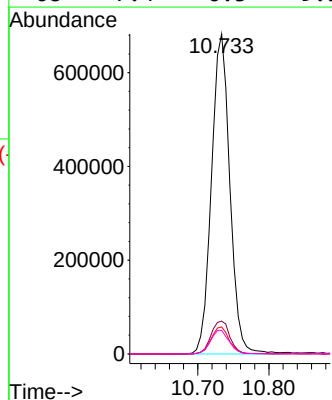
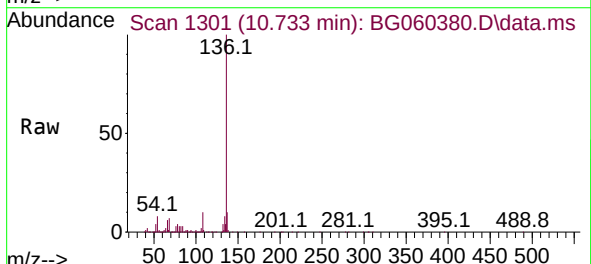
Instrument :
BNA_G
ClientSampleId :
PB158532BL

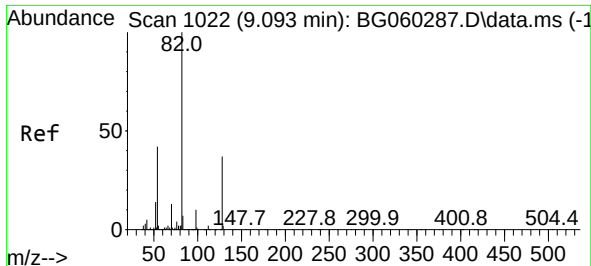
Tgt Ion: 99 Resp: 3345802
Ion Ratio Lower Upper
99 100
42 15.0 10.9 16.3
71 30.1 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1301
Delta R.T. 0.001 min
Lab File: BG060380.D
Acq: 22 Jan 2024 11:34

Tgt Ion:136 Resp: 1223757
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.4
54 8.4 6.2 9.2
68 7.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 89.310 ng

RT: 9.094 min Scan# 10

Delta R.T. 0.001 min

Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

Instrument :

BNA_G

ClientSampleId :

PB158532BL

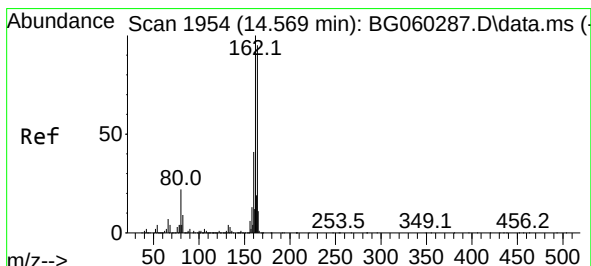
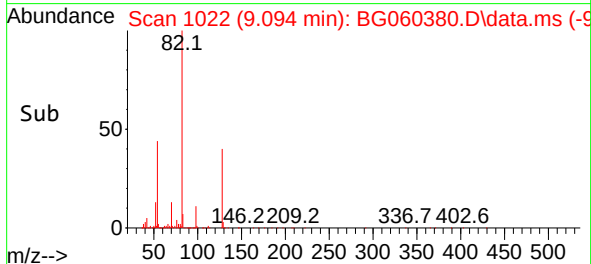
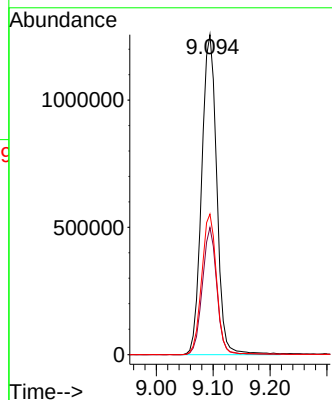
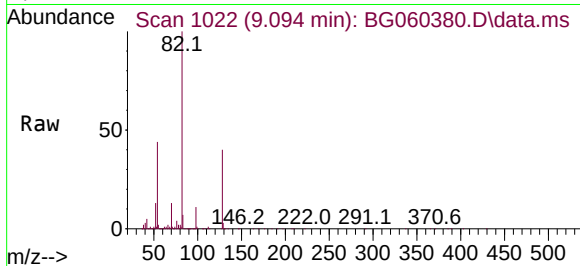
Tgt Ion: 82 Resp: 2314556

Ion Ratio Lower Upper

82 100

128 39.7 29.6 44.4

54 43.9 33.6 50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.564 min Scan# 1953

Delta R.T. -0.005 min

Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

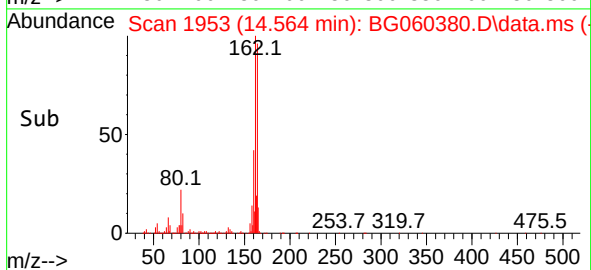
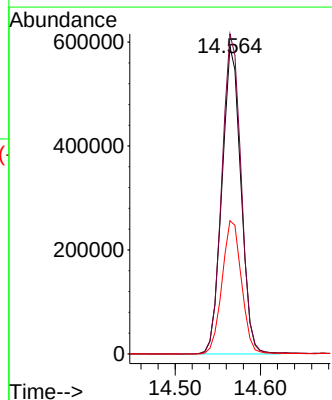
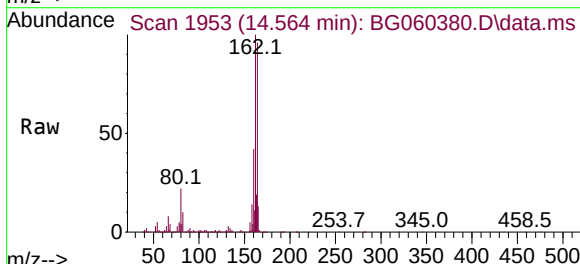
Tgt Ion:164 Resp: 912264

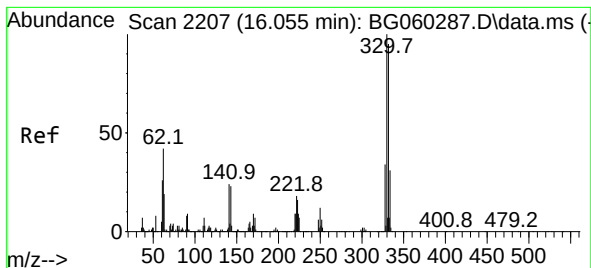
Ion Ratio Lower Upper

164 100

162 104.1 84.4 126.6

160 43.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 128.408 ng

RT: 16.057 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

Instrument :

BNA_G

ClientSampleId :

PB158532BL

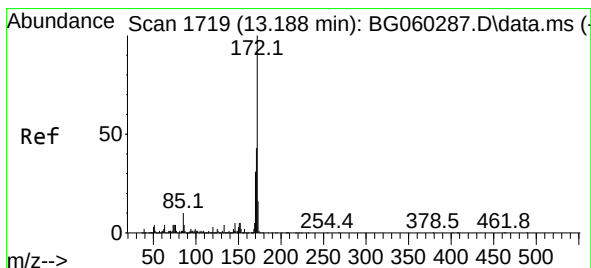
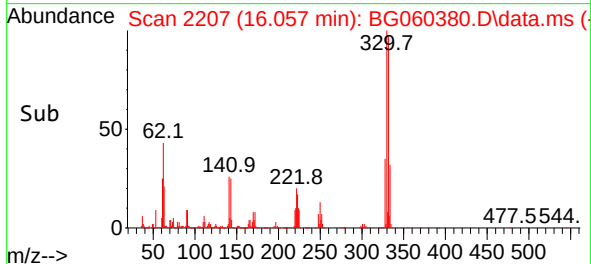
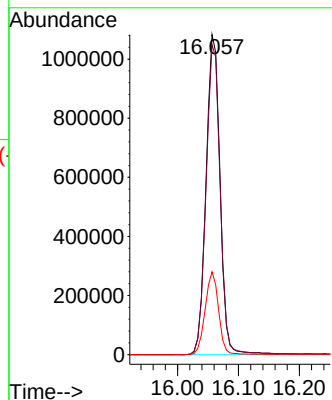
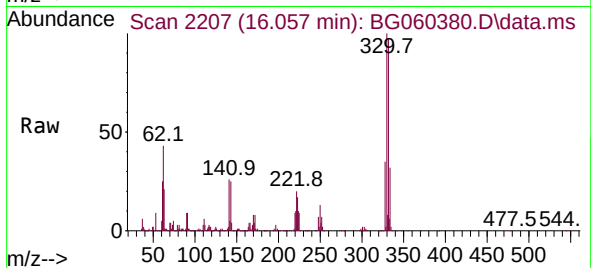
Tgt Ion:330 Resp: 1723499

Ion Ratio Lower Upper

330 100

332 98.0 76.7 115.1

141 24.9 18.6 28.0



#45

2-Fluorobiphenyl

Concen: 76.913 ng

RT: 13.189 min Scan# 1719

Delta R.T. 0.001 min

Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

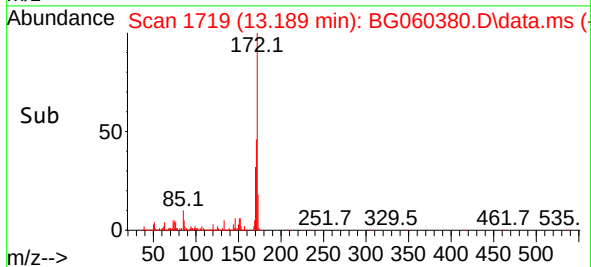
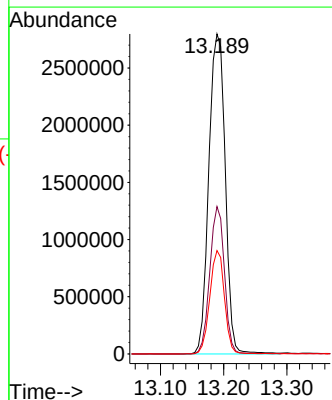
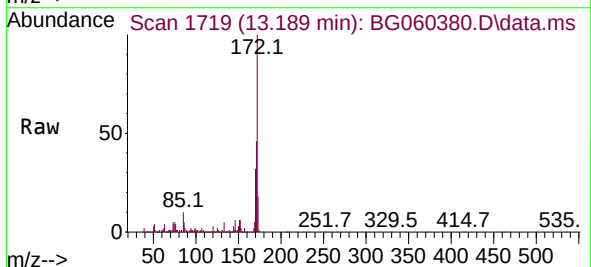
Tgt Ion:172 Resp: 5046708

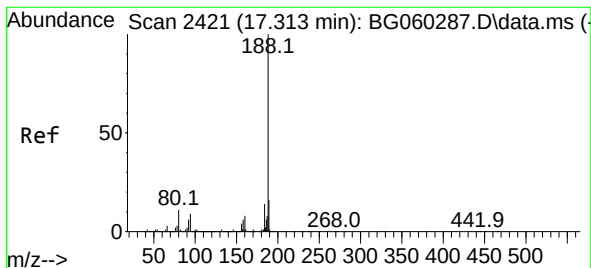
Ion Ratio Lower Upper

172 100

171 46.0 34.6 51.8

170 32.3 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

Instrument :

BNA_G

ClientSampleId :

PB158532BL

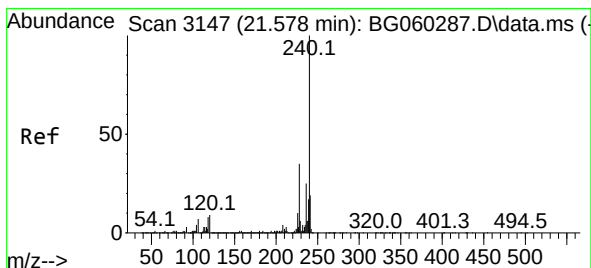
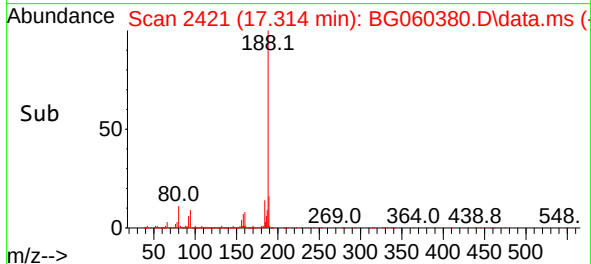
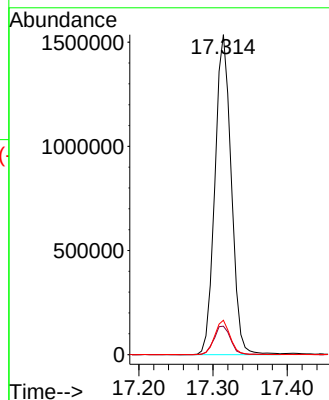
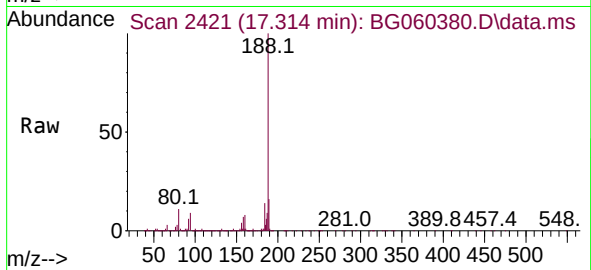
Tgt Ion:188 Resp: 2349058

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 10.7 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3146

Delta R.T. -0.005 min

Lab File: BG060380.D

Acq: 22 Jan 2024 11:34

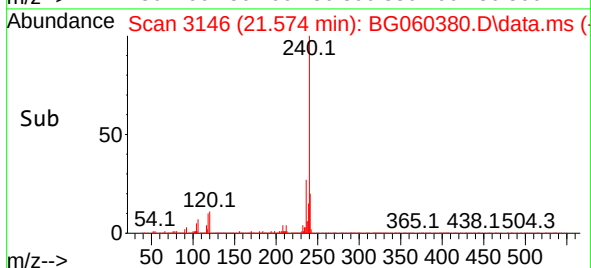
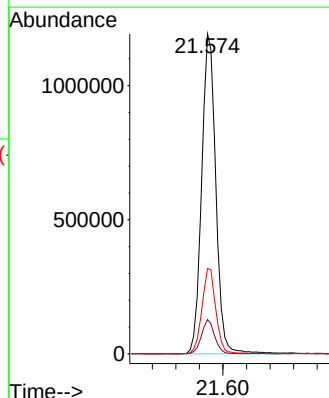
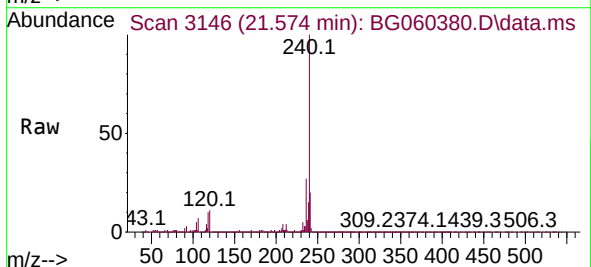
Tgt Ion:240 Resp: 1986754

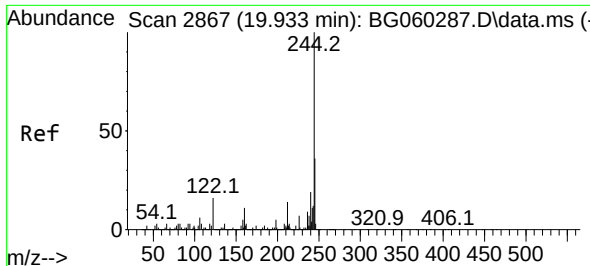
Ion Ratio Lower Upper

240 100

120 10.7 7.3 10.9

236 26.7 20.3 30.5

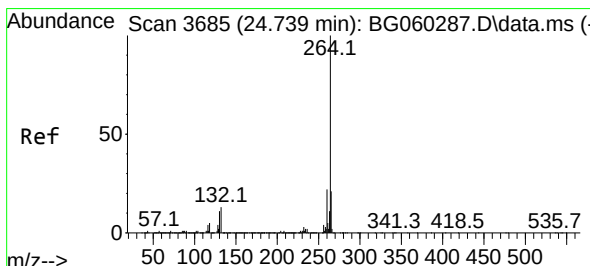
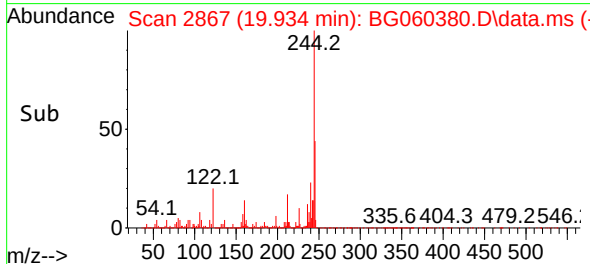
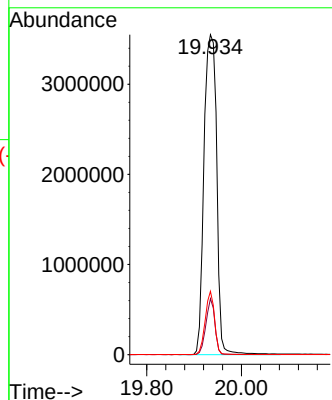
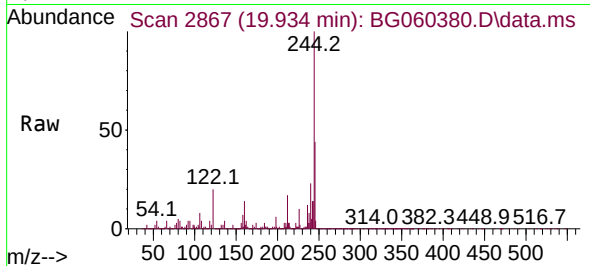




#79
 Terphenyl-d14
 Concen: 83.393 ng
 RT: 19.934 min Scan# 2867
 Delta R.T. 0.001 min
 Lab File: BG060380.D
 Acq: 22 Jan 2024 11:34

Instrument :
 BNA_G
 ClientSampleId :
 PB158532BL

Tgt Ion:244 Resp: 6616396
 Ion Ratio Lower Upper
 244 100
 212 17.5 10.9 16.3#
 122 19.8 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.741 min Scan# 3685
 Delta R.T. 0.001 min
 Lab File: BG060380.D
 Acq: 22 Jan 2024 11:34

Tgt Ion:264 Resp: 2128468
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.8 26.6
 265 21.4 16.8 25.2

