

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG060001.D
 Acq On : 13 Dec 2023 18:04
 Operator : MA/JU
 Sample : PB157563BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157563BL

Quant Time: Dec 14 03:00:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	58207	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	219599	20.000	ng	0.00
39) Acenaphthene-d10	14.594	164	185542	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	595603	20.000	ng	0.00
76) Chrysene-d12	21.609	240	759147	20.000	ng	# 0.00
86) Perylene-d12	24.794	264	883435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	230457	67.777	ng	0.00
7) Phenol-d6	7.109	99	450641	94.218	ng	0.00
23) Nitrobenzene-d5	9.112	82	295484	61.100	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	756778	175.018	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1271341	83.862	ng	0.00
79) Terphenyl-d14	19.964	244	4554391	109.531	ng	0.00

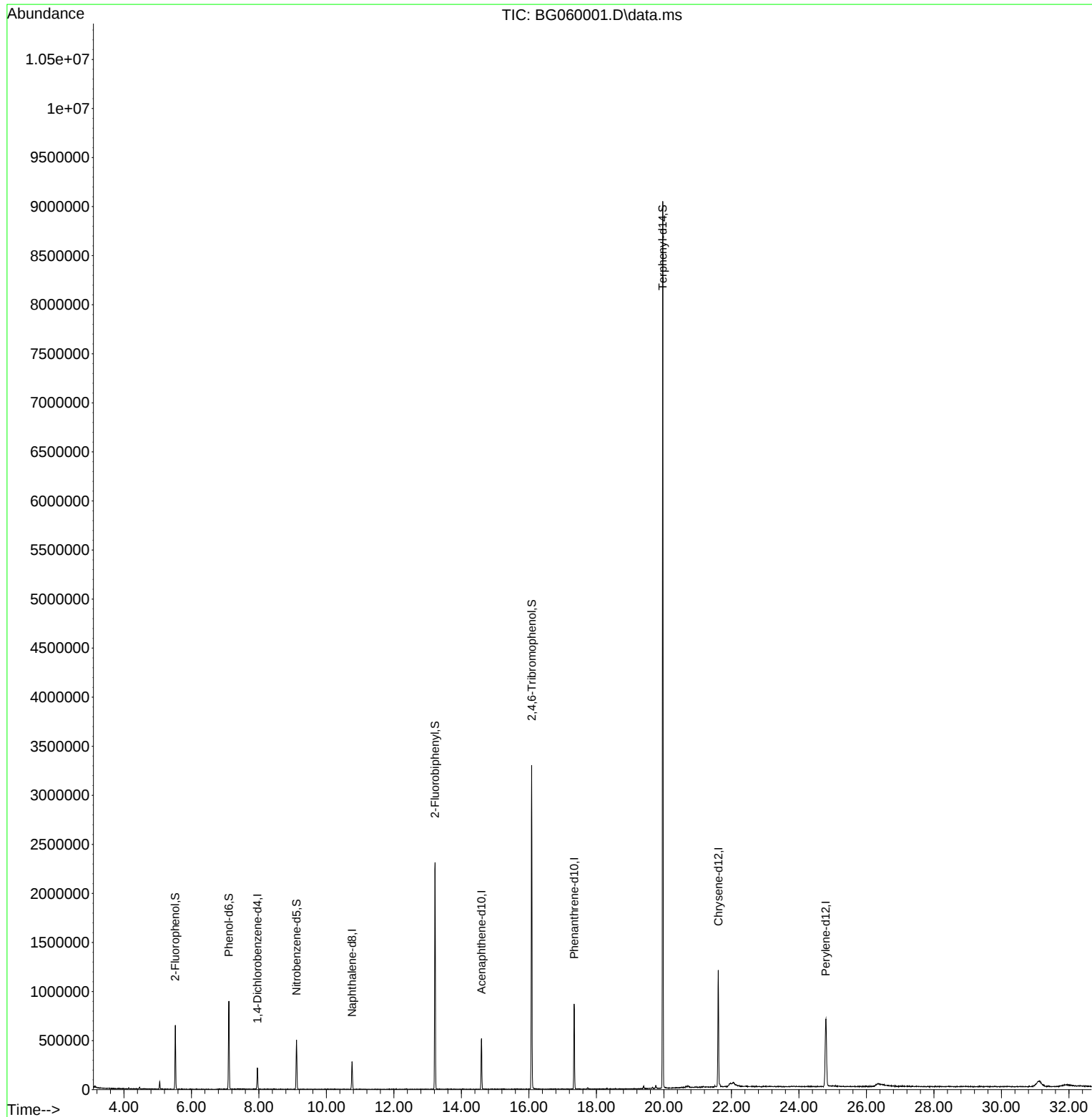
Target Compounds	Qvalue

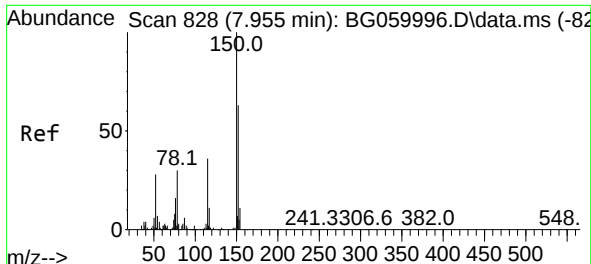
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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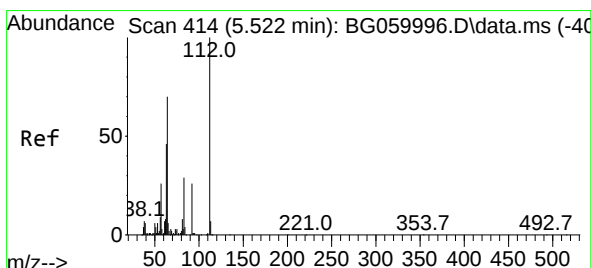
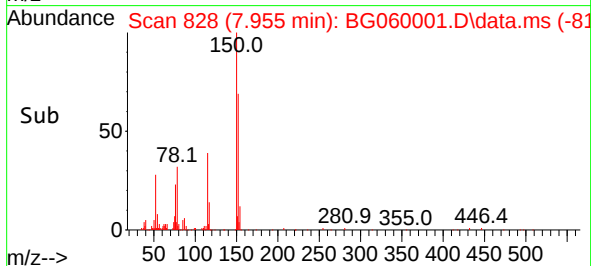
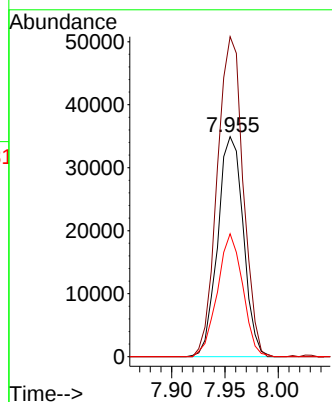
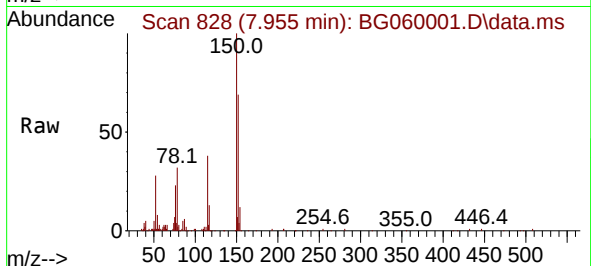




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060001.D
Acq: 13 Dec 2023 18:04

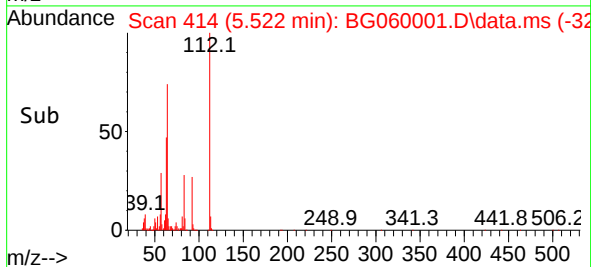
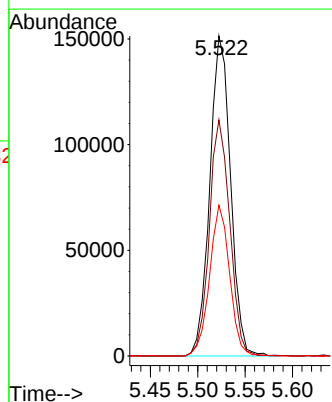
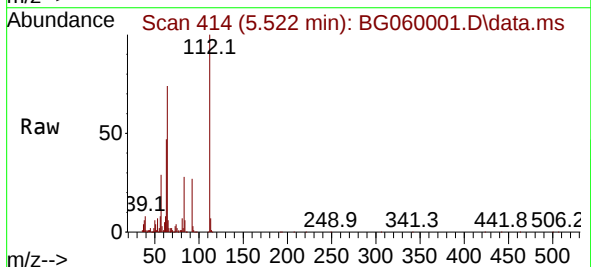
Instrument :
BNA_G
ClientSampleId :
PB157563BL

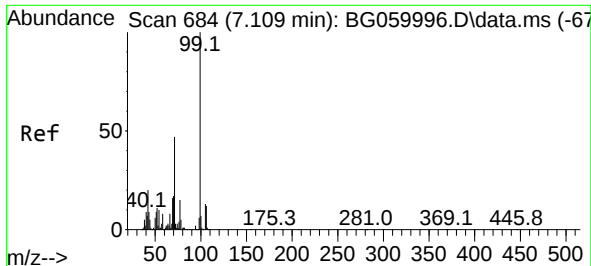
Tgt Ion:152 Resp: 58207
Ion Ratio Lower Upper
152 100
150 145.5 127.0 190.6
115 55.9 45.7 68.5



#5
2-Fluorophenol
Concen: 67.777 ng
RT: 5.522 min Scan# 414
Delta R.T. 0.000 min
Lab File: BG060001.D
Acq: 13 Dec 2023 18:04

Tgt Ion:112 Resp: 230457
Ion Ratio Lower Upper
112 100
64 73.8 55.9 83.9
63 47.1 36.5 54.7

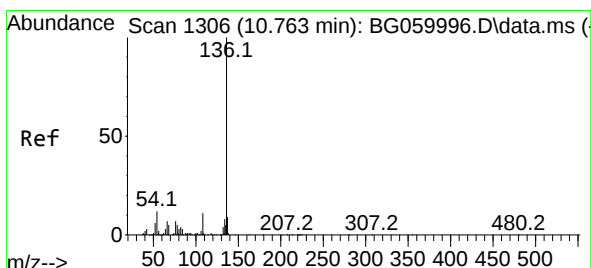
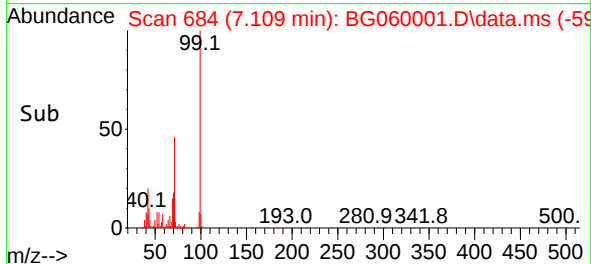
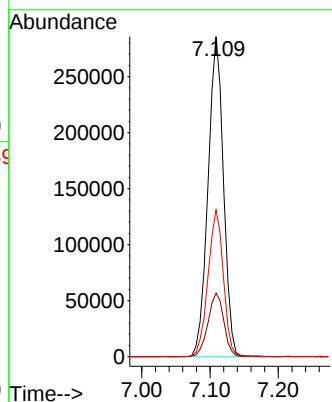
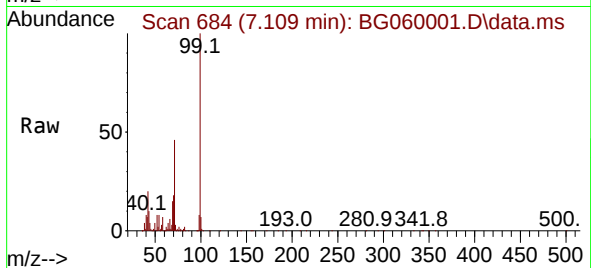




#7
Phenol-d6
Concen: 94.218 ng
RT: 7.109 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060001.D
Acq: 13 Dec 2023 18:04

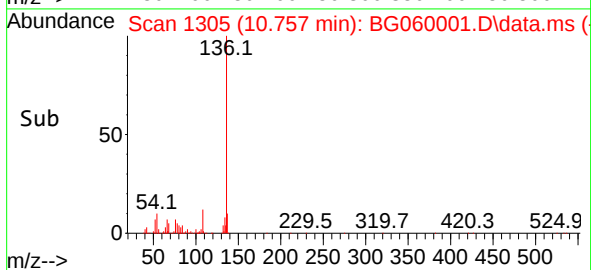
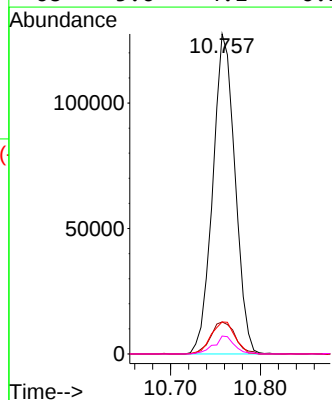
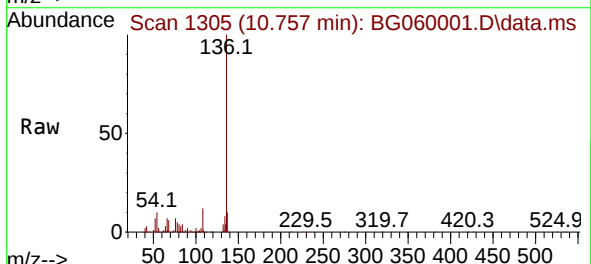
Instrument :
BNA_G
ClientSampleId :
PB157563BL

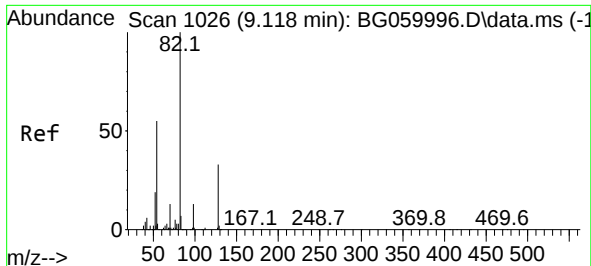
Tgt Ion: 99 Resp: 450641
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.4
71 45.9 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BG060001.D
Acq: 13 Dec 2023 18:04

Tgt Ion:136 Resp: 219599
Ion Ratio Lower Upper
136 100
137 10.0 7.3 10.9
54 10.0 9.6 14.4
68 5.6 4.1 6.1

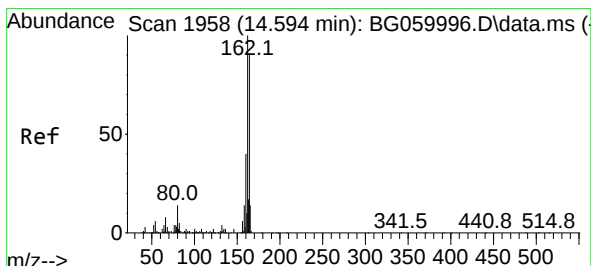
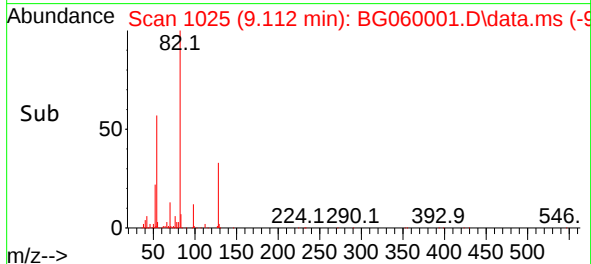
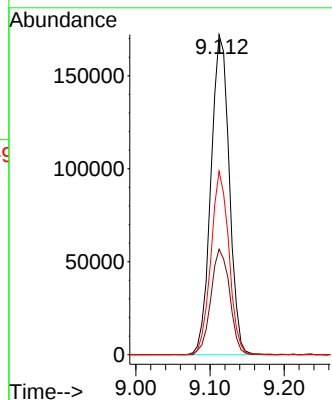
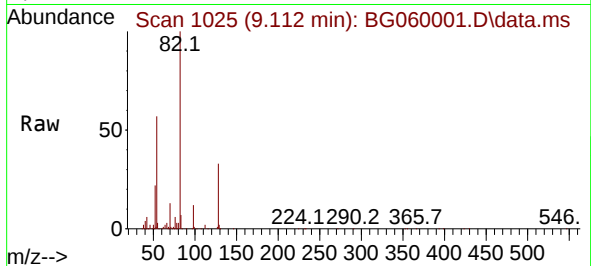




#23
Nitrobenzene-d5
Concen: 61.100 ng
RT: 9.112 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BG060001.D
Acq: 13 Dec 2023 18:04

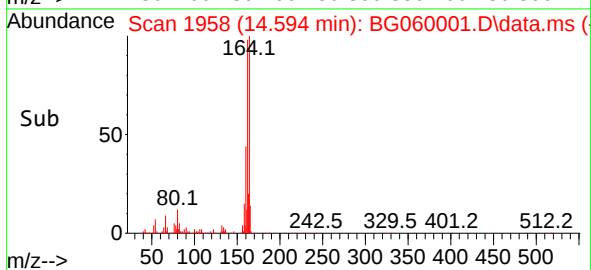
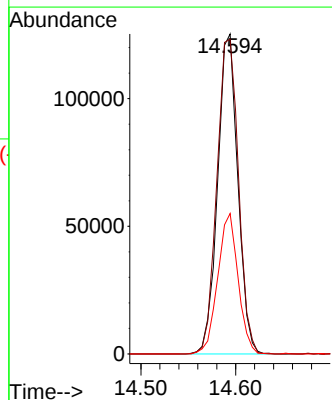
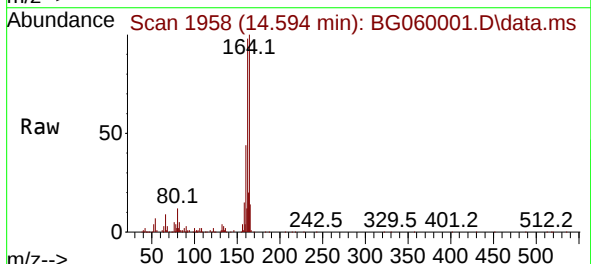
Instrument :
BNA_G
ClientSampleId :
PB157563BL

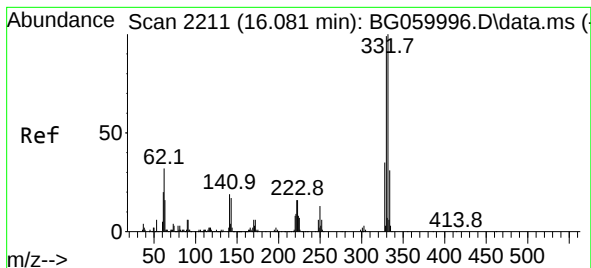
Tgt Ion: 82 Resp: 295484
Ion Ratio Lower Upper
82 100
128 33.0 26.3 39.5
54 57.3 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG060001.D
Acq: 13 Dec 2023 18:04

Tgt Ion: 164 Resp: 185542
Ion Ratio Lower Upper
164 100
162 98.4 88.1 132.1
160 43.9 35.4 53.0

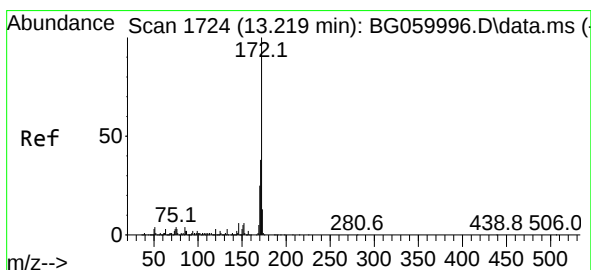
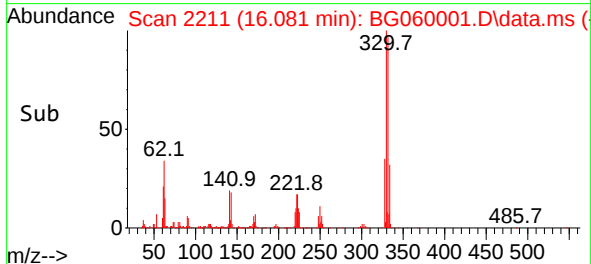
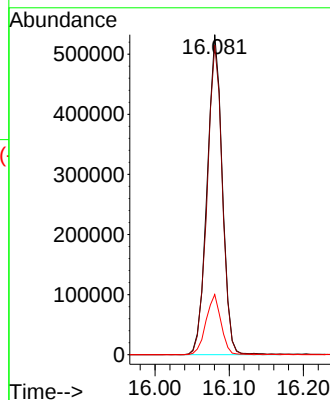
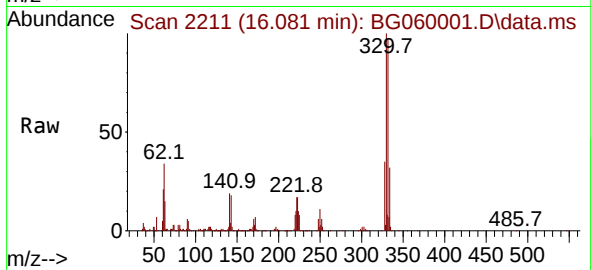




#42
2,4,6-Tribromophenol
Concen: 175.018 ng
RT: 16.081 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060001.D
Acq: 13 Dec 2023 18:04

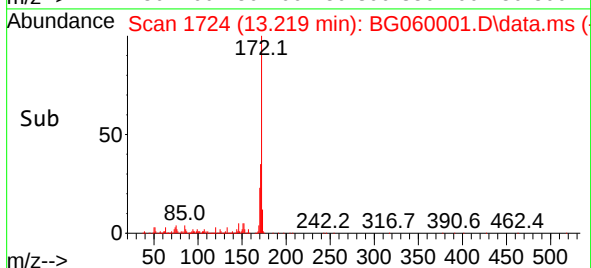
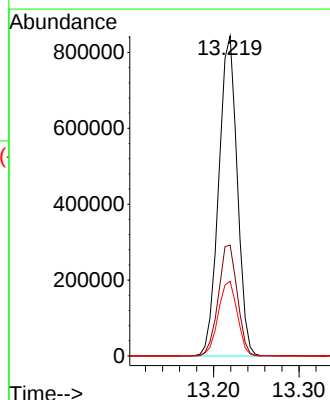
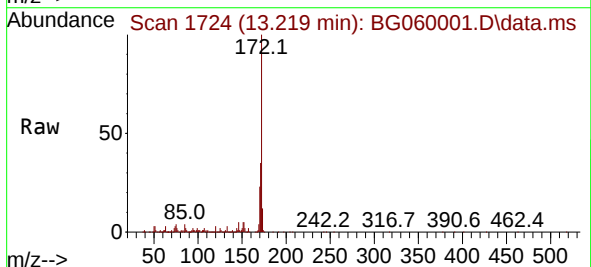
Instrument :
BNA_G
ClientSampleId :
PB157563BL

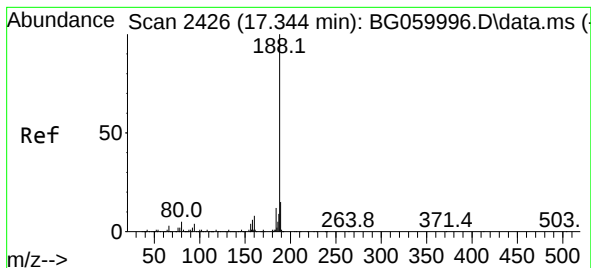
Tgt Ion:330 Resp: 756778
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 18.6 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 83.862 ng
RT: 13.219 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG060001.D
Acq: 13 Dec 2023 18:04

Tgt Ion:172 Resp: 1271341
Ion Ratio Lower Upper
172 100
171 34.7 30.1 45.1
170 23.4 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.338 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060001.D

Acq: 13 Dec 2023 18:04

Instrument :

BNA_G

ClientSampleId :

PB157563BL

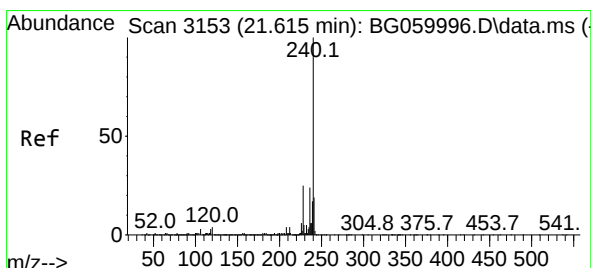
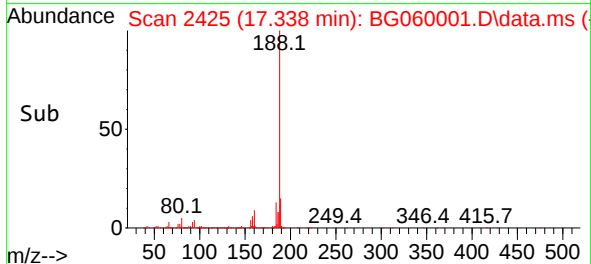
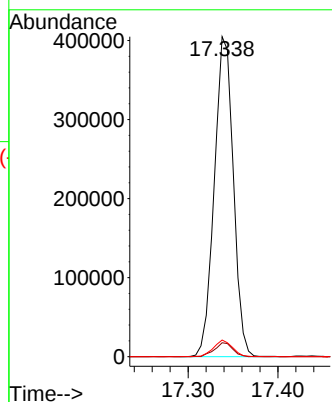
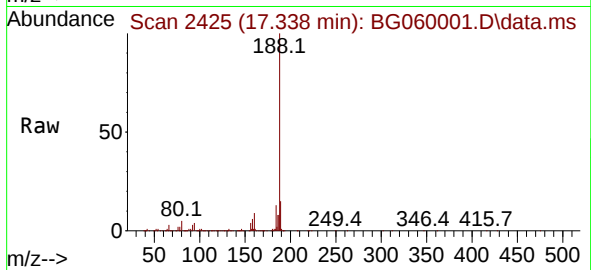
Tgt Ion:188 Resp: 595603

Ion Ratio Lower Upper

188 100

94 4.3 3.0 4.6

80 5.2 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.609 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BG060001.D

Acq: 13 Dec 2023 18:04

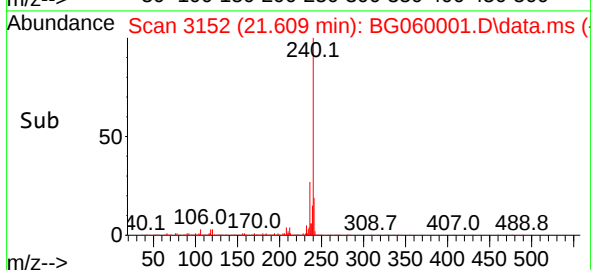
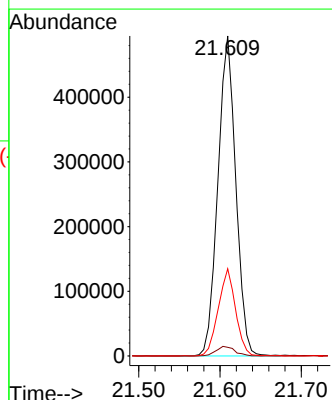
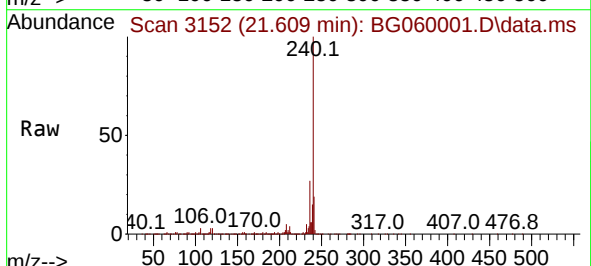
Tgt Ion:240 Resp: 759147

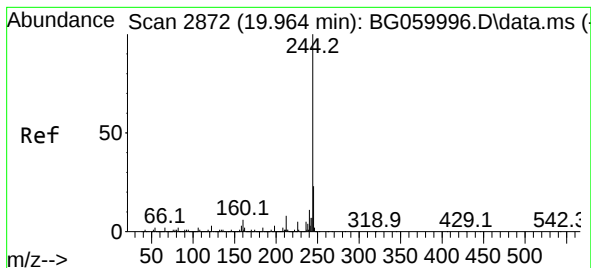
Ion Ratio Lower Upper

240 100

120 2.7 2.9 4.3#

236 27.3 19.4 29.2





#79

Terphenyl-d14

Concen: 109.531 ng

RT: 19.964 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG060001.D

Acq: 13 Dec 2023 18:04

Instrument :

BNA_G

ClientSampleId :

PB157563BL

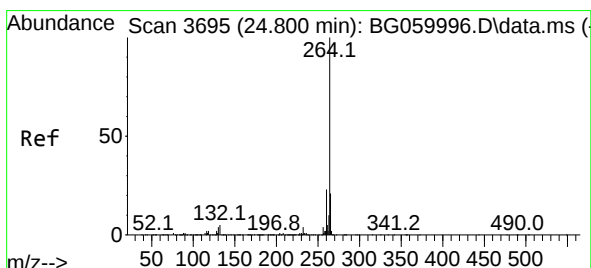
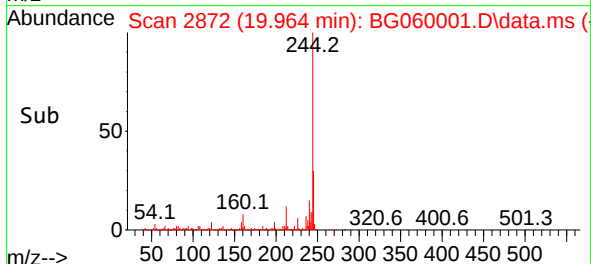
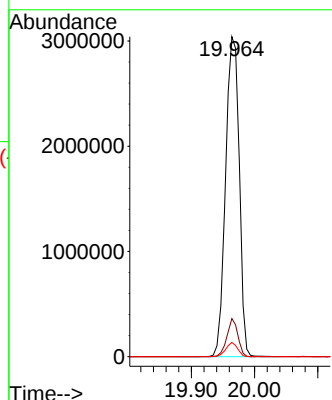
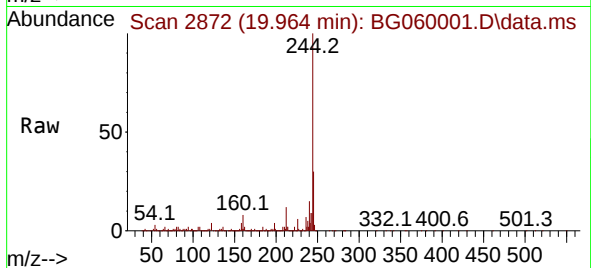
Tgt Ion:244 Resp: 4554391

Ion Ratio Lower Upper

244 100

212 11.9 6.8 10.2#

122 4.5 2.6 3.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.794 min Scan# 3694

Delta R.T. -0.006 min

Lab File: BG060001.D

Acq: 13 Dec 2023 18:04

Tgt Ion:264 Resp: 883435

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.7 17.3 25.9

