

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060007.D
 Acq On : 14 Dec 2023 10:46
 Operator : MA/JU
 Sample : PB157714BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157714BL

Quant Time: Dec 14 11:20:38 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	7.952	152	49009	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	186465	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	162262	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	554936	20.000	ng	0.00
76) Chrysene-d12	21.607	240	767518	20.000	ng	0.00
86) Perylene-d12	24.792	264	892987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	191360	66.841	ng	0.00
7) Phenol-d6	7.106	99	350250	86.972	ng	0.00
23) Nitrobenzene-d5	9.110	82	223246	54.365	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	639187	169.032	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1010183	76.195	ng	0.00
79) Terphenyl-d14	19.962	244	4313724	102.611	ng	0.00

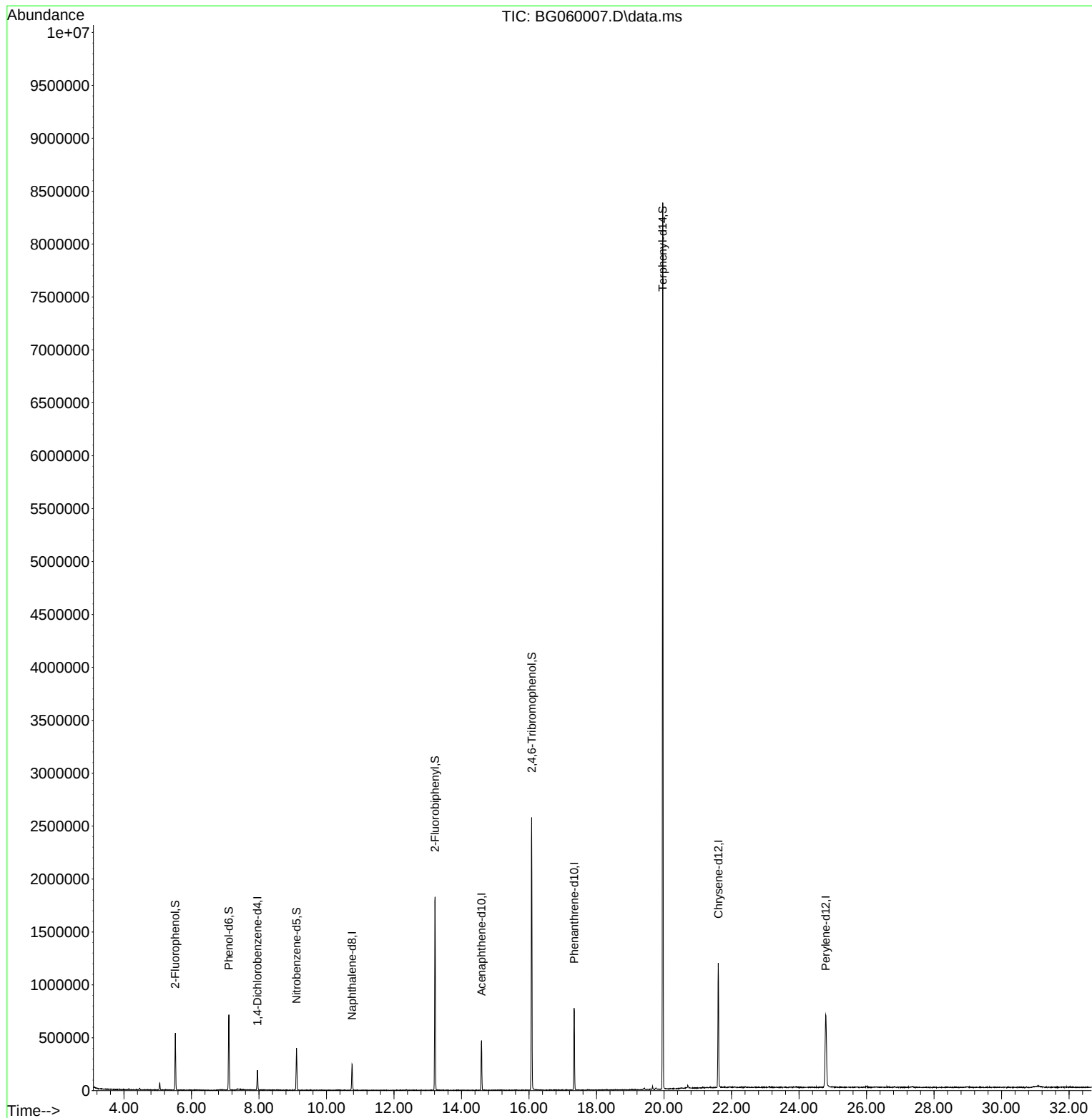
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060007.D
Acq On : 14 Dec 2023 10:46
Operator : MA/JU
Sample : PB157714BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB157714BL

Quant Time: Dec 14 11:20:38 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

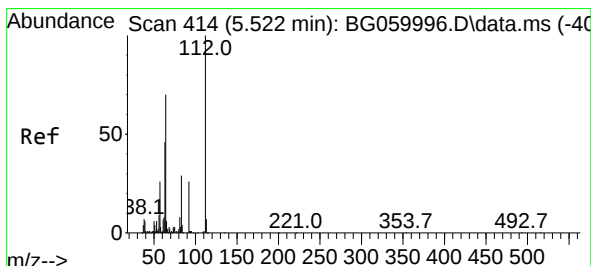
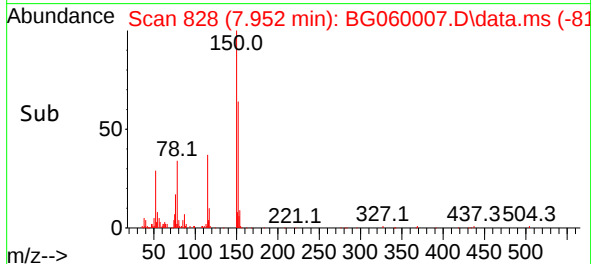
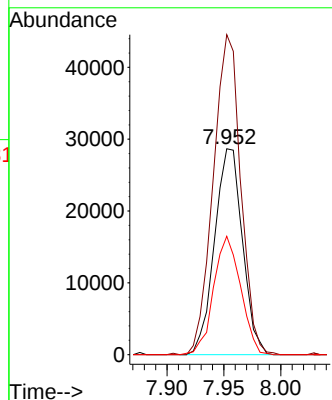
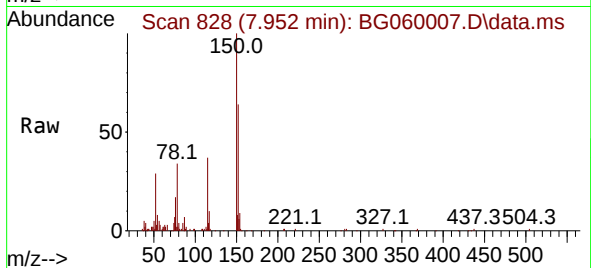




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

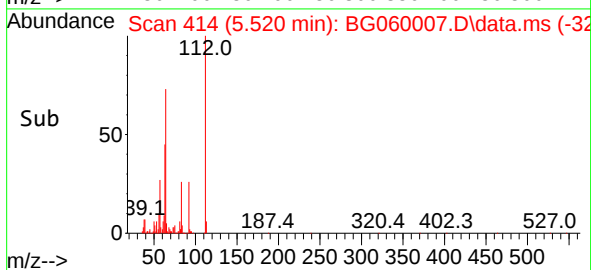
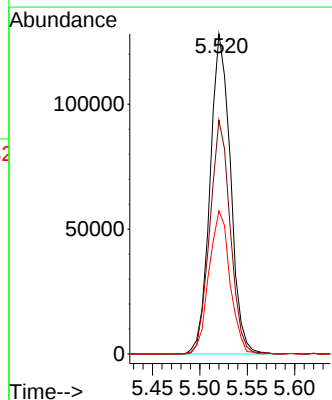
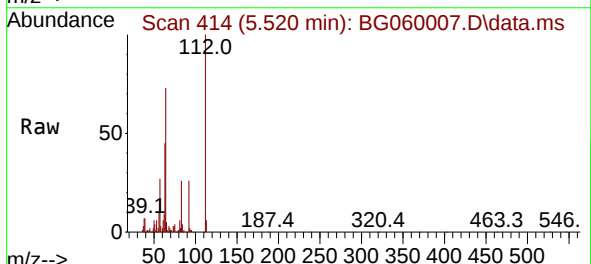
Instrument :
BNA_G
ClientSampleId :
PB157714BL

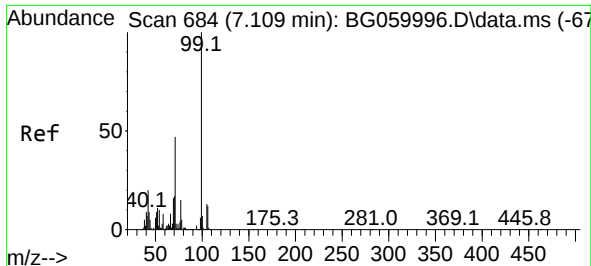
Tgt Ion:152 Resp: 49009
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 57.5 45.7 68.5



#5
2-Fluorophenol
Concen: 66.841 ng
RT: 5.520 min Scan# 414
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:112 Resp: 191360
Ion Ratio Lower Upper
112 100
64 73.0 55.9 83.9
63 44.7 36.5 54.7

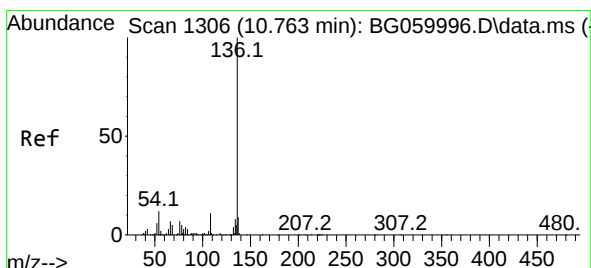
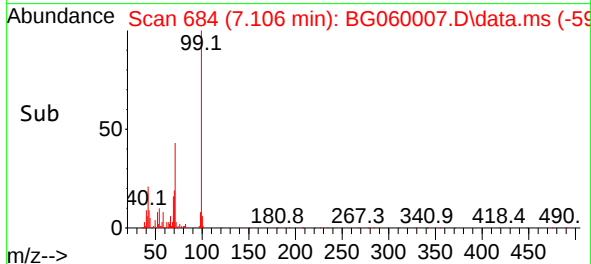
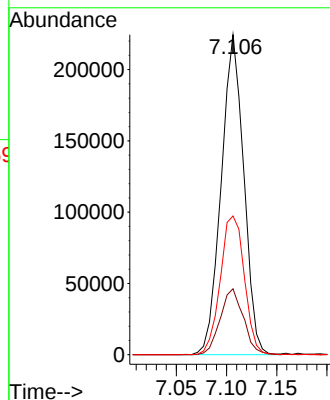
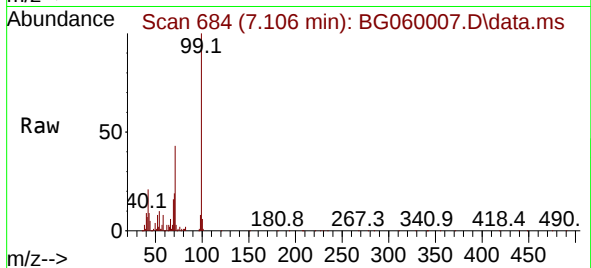




#7
Phenol-d6
Concen: 86.972 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

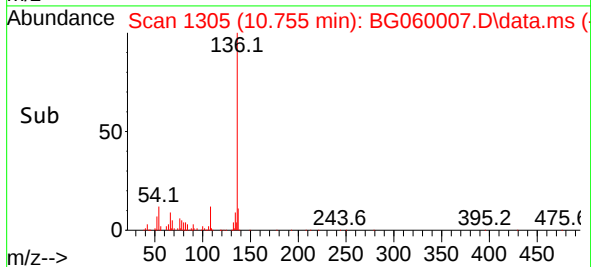
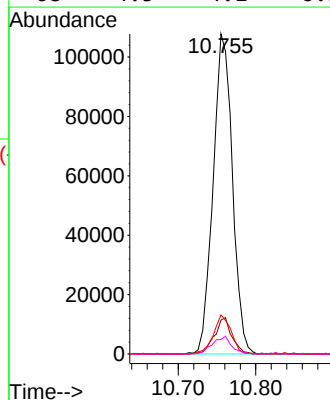
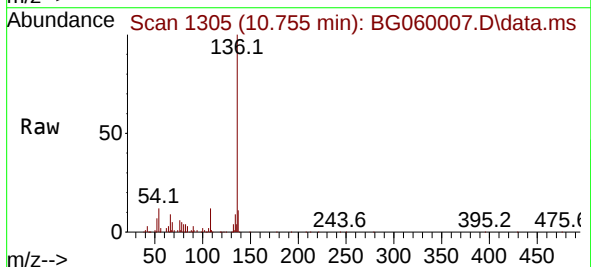
Instrument :
BNA_G
ClientSampleId :
PB157714BL

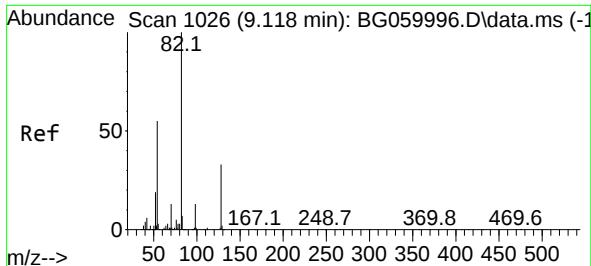
Tgt Ion: 99 Resp: 350250
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.4
71 43.4 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1305
Delta R.T. -0.008 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:136 Resp: 186465
Ion Ratio Lower Upper
136 100
137 10.6 7.3 10.9
54 12.2 9.6 14.4
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 54.365 ng

RT: 9.110 min Scan# 1026

Delta R.T. -0.008 min

Lab File: BG060007.D

Acq: 14 Dec 2023 10:46

Instrument :

BNA_G

ClientSampleId :

PB157714BL

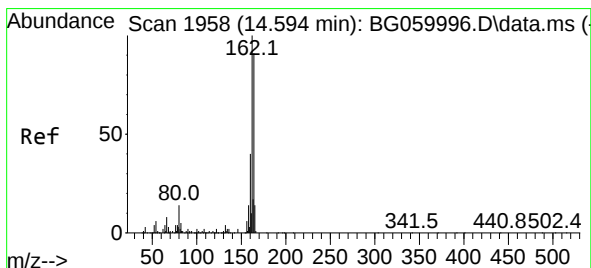
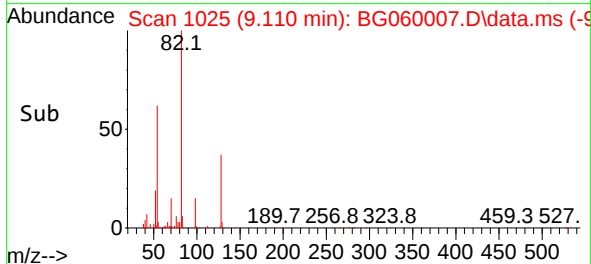
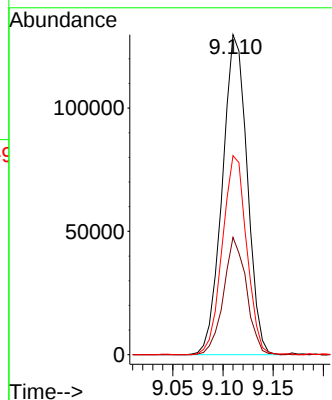
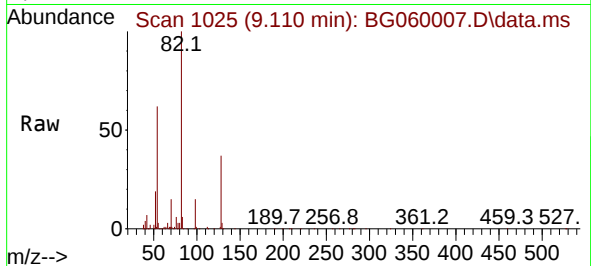
Tgt Ion: 82 Resp: 223246

Ion Ratio Lower Upper

82 100

128 36.7 26.3 39.5

54 62.2 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1958

Delta R.T. -0.002 min

Lab File: BG060007.D

Acq: 14 Dec 2023 10:46

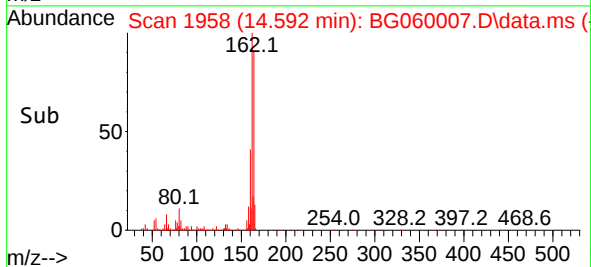
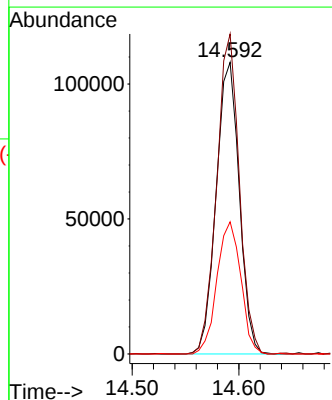
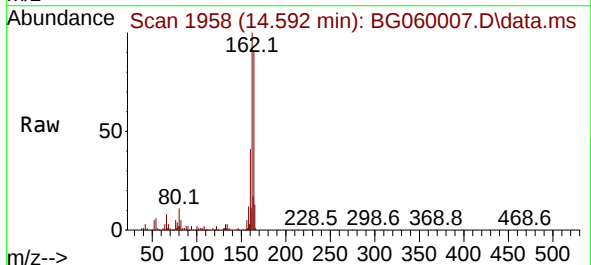
Tgt Ion:164 Resp: 162262

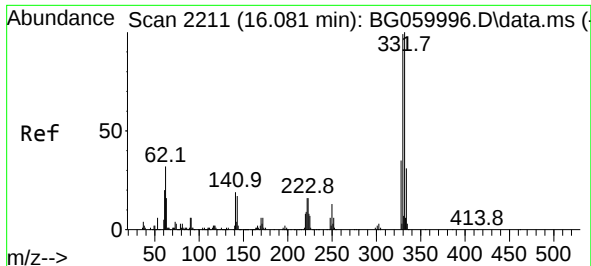
Ion Ratio Lower Upper

164 100

162 109.7 88.1 132.1

160 45.3 35.4 53.0

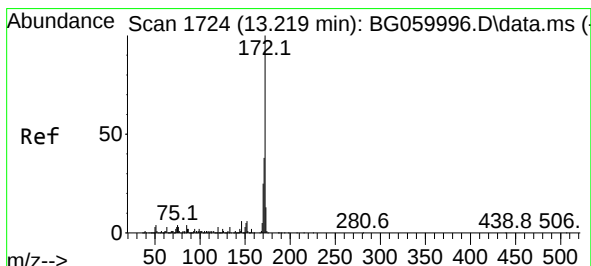
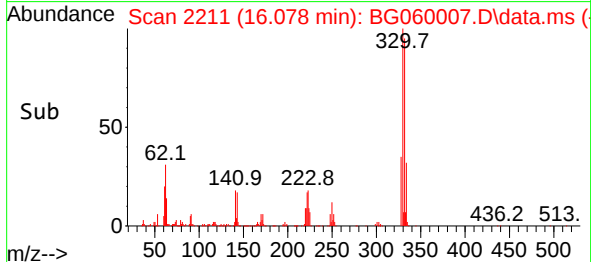
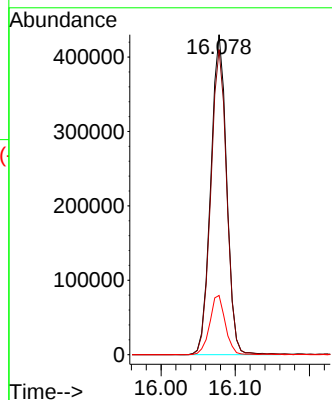
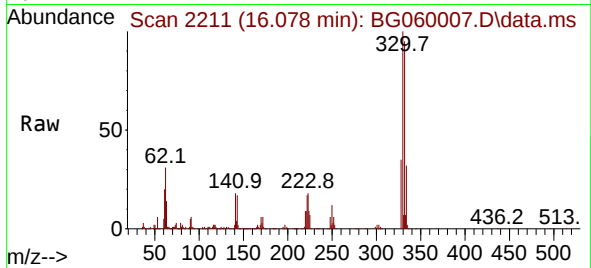




#42
2,4,6-Tribromophenol
Concen: 169.032 ng
RT: 16.078 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

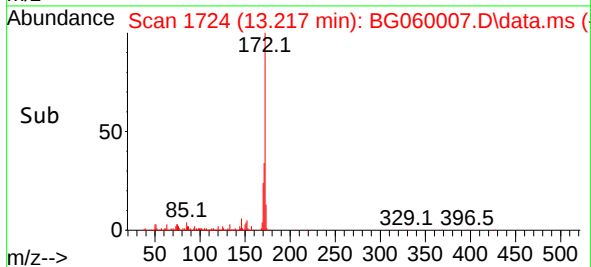
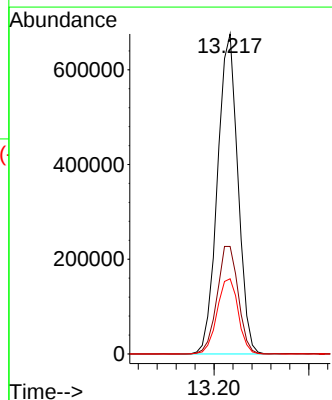
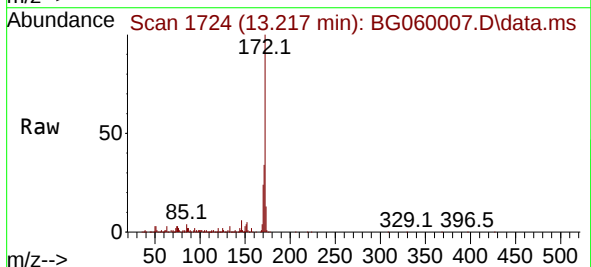
Instrument :
BNA_G
ClientSampleId :
PB157714BL

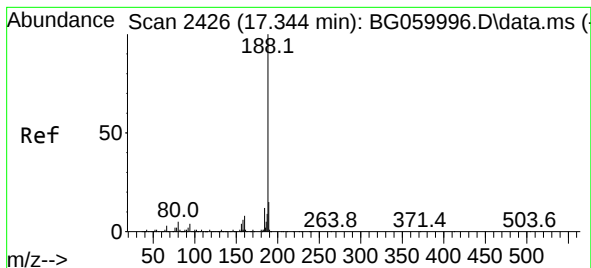
Tgt Ion:330 Resp: 639187
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 18.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 76.195 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:172 Resp: 1010183
Ion Ratio Lower Upper
172 100
171 33.6 30.1 45.1
170 23.5 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.336 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG060007.D

Acq: 14 Dec 2023 10:46

Instrument :

BNA_G

ClientSampleId :

PB157714BL

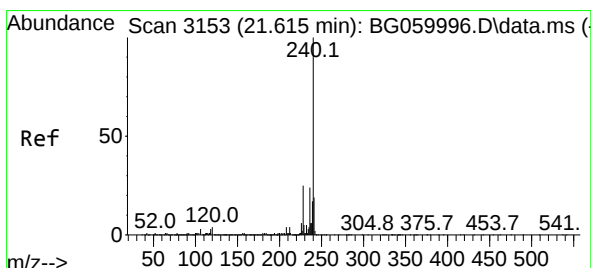
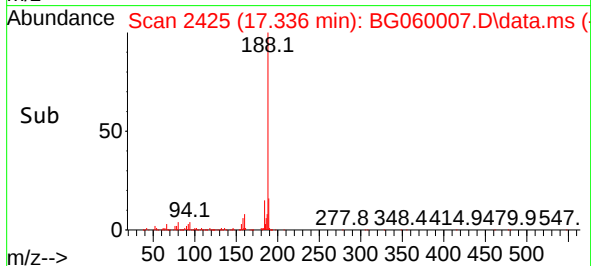
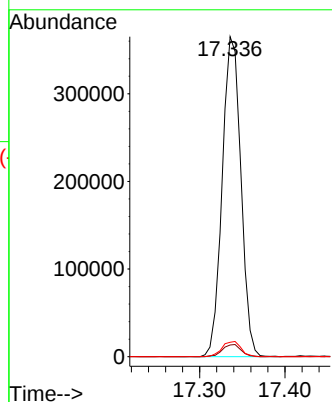
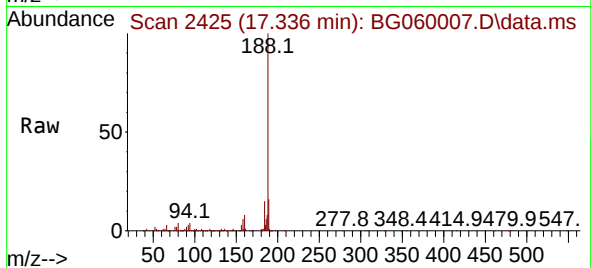
Tgt Ion:188 Resp: 554936

Ion Ratio Lower Upper

188 100

94 3.7 3.0 4.6

80 4.5 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 3152

Delta R.T. -0.008 min

Lab File: BG060007.D

Acq: 14 Dec 2023 10:46

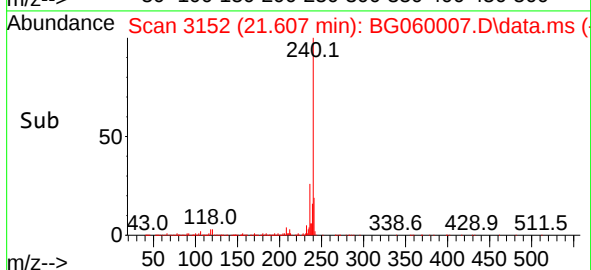
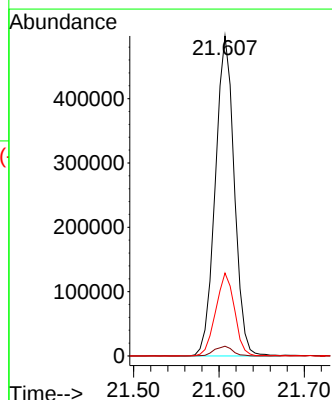
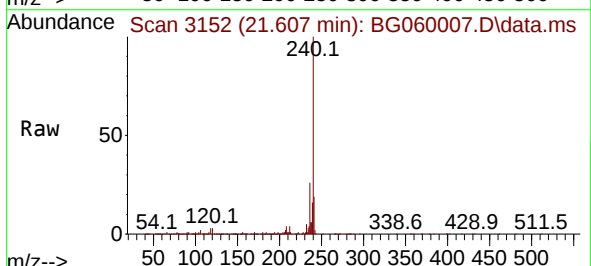
Tgt Ion:240 Resp: 767518

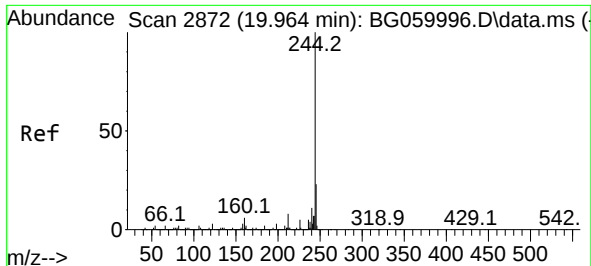
Ion Ratio Lower Upper

240 100

120 3.0 2.9 4.3

236 25.9 19.4 29.2

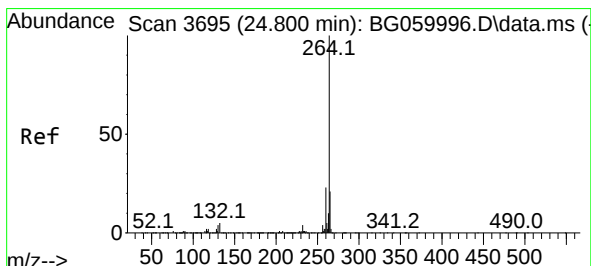
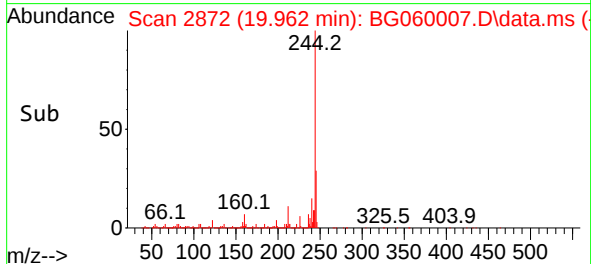
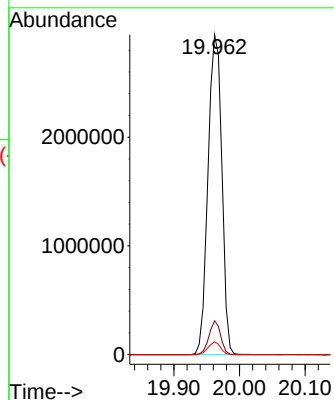
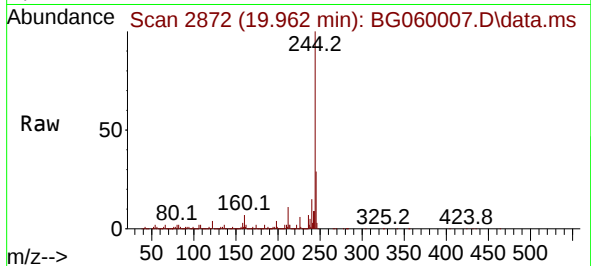




#79
 Terphenyl-d14
 Concen: 102.611 ng
 RT: 19.962 min Scan# 2872
 Delta R.T. -0.002 min
 Lab File: BG060007.D
 Acq: 14 Dec 2023 10:46

Instrument :
 BNA_G
 ClientSampleId :
 PB157714BL

Tgt Ion:244 Resp: 4313724
 Ion Ratio Lower Upper
 244 100
 212 10.6 6.8 10.2#
 122 4.0 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.792 min Scan# 3694
 Delta R.T. -0.008 min
 Lab File: BG060007.D
 Acq: 14 Dec 2023 10:46

Tgt Ion:264 Resp: 892987
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 22.8 17.3 25.9

