

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060157.D
 Acq On : 23 Dec 2023 4:20
 Operator : MA/JU
 Sample : 05929-23
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-2

Quant Time: Dec 25 00:43:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	285941	20.000	ng	# 0.00
21) Naphthalene-d8	10.747	136	1279447	20.000	ng	0.00
39) Acenaphthene-d10	14.578	164	985426	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	2121533	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1408788	20.000	ng	0.00
86) Perylene-d12	24.760	264	1609600	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.512	112	1441286	79.424	ng	0.00
7) Phenol-d6	7.104	99	2295979	75.179	ng	0.00
23) Nitrobenzene-d5	9.102	82	1525598	58.412	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	769164	57.971	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	3832366	58.396	ng	0.00
79) Terphenyl-d14	19.942	244	4117938	52.893	ng	0.00

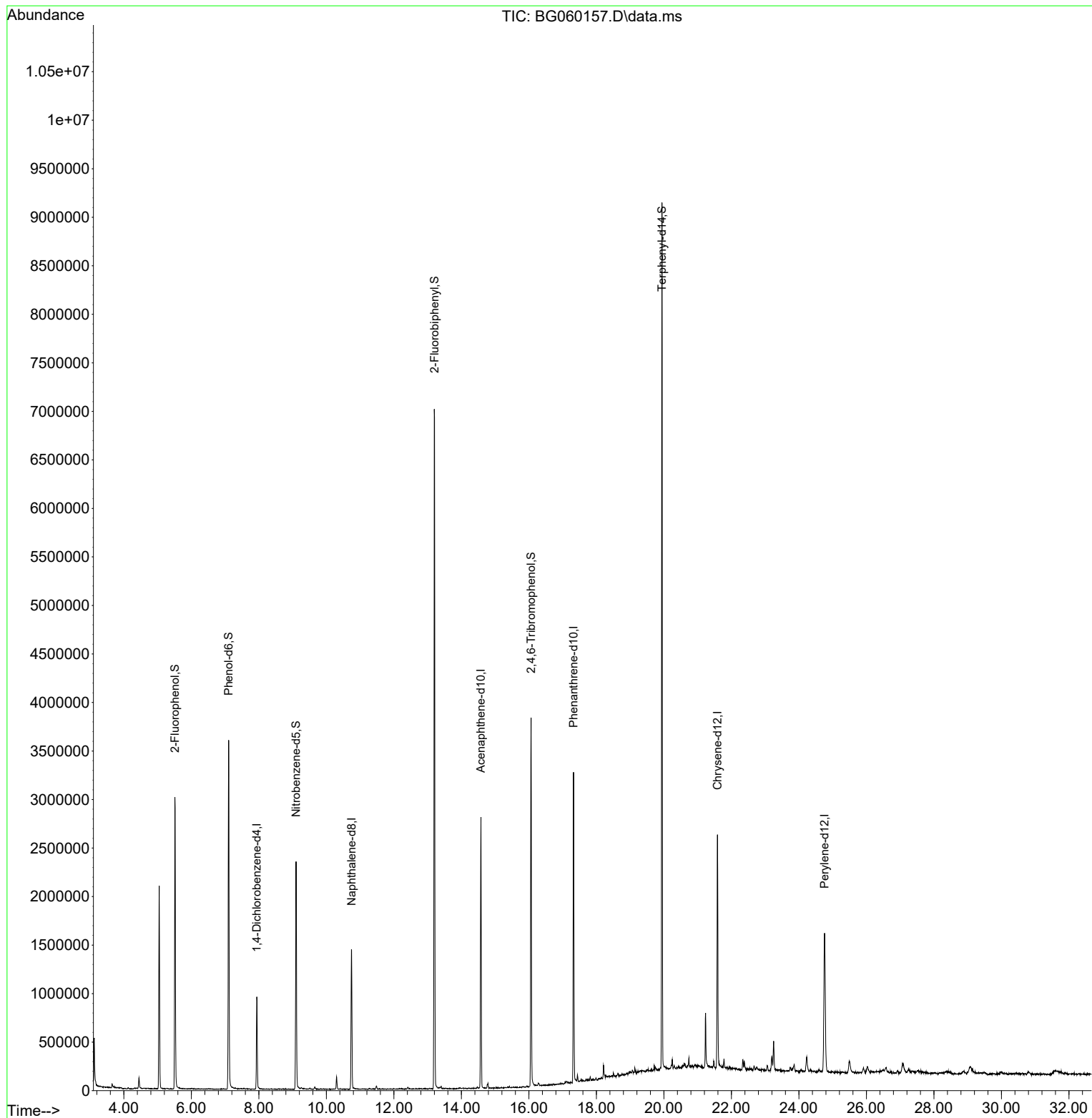
Target Compounds	Qvalue

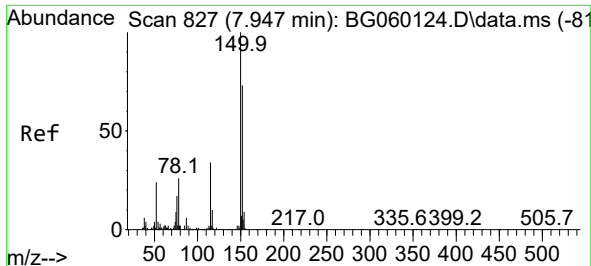
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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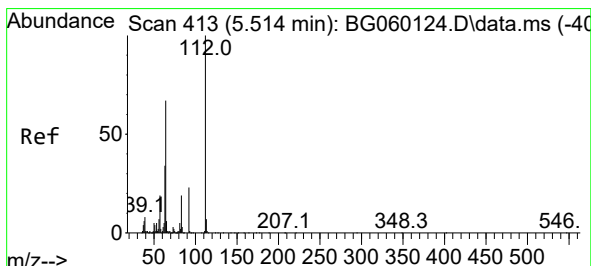
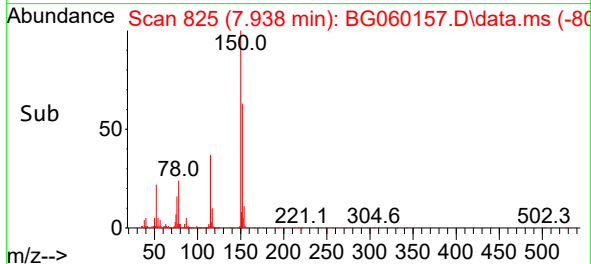
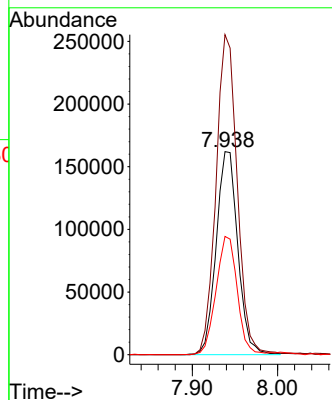
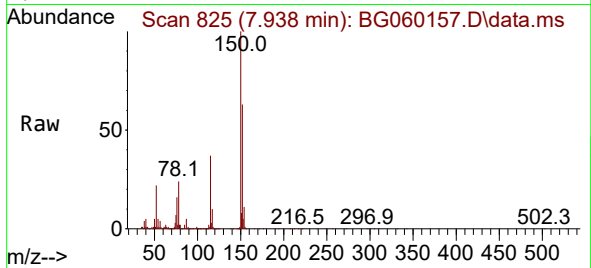




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060157.D
Acq: 23 Dec 2023 4:20

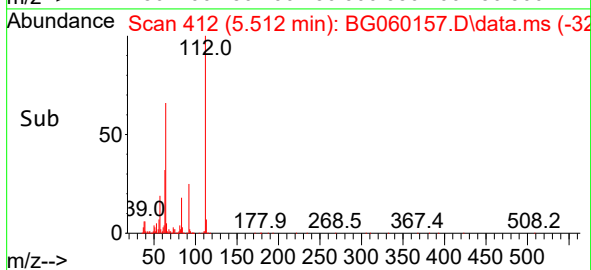
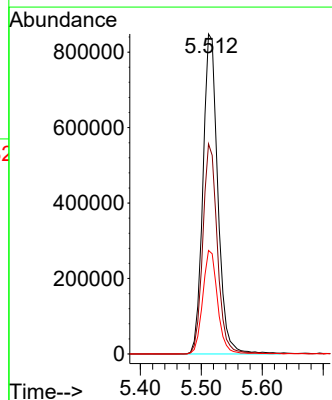
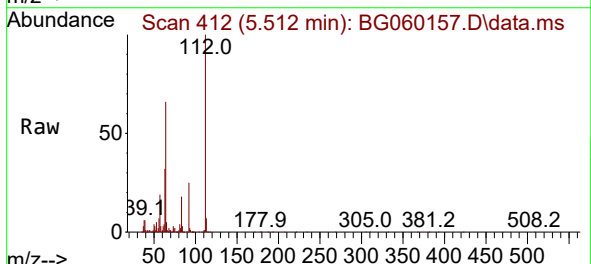
Instrument :
BNA_G
ClientSampleId :
TR-2

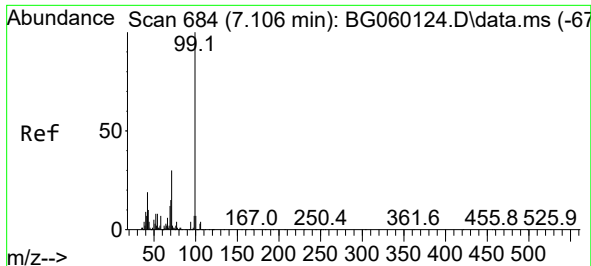
Tgt Ion:152 Resp: 285941
Ion Ratio Lower Upper
152 100
150 157.6 109.4 164.0
115 58.2 36.5 54.7#



#5
2-Fluorophenol
Concen: 79.424 ng
RT: 5.512 min Scan# 412
Delta R.T. -0.002 min
Lab File: BG060157.D
Acq: 23 Dec 2023 4:20

Tgt Ion:112 Resp: 1441286
Ion Ratio Lower Upper
112 100
64 65.7 53.3 79.9
63 32.3 27.1 40.7

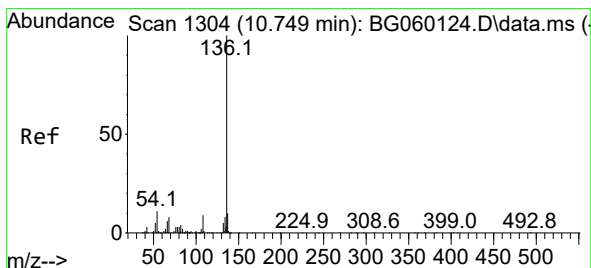
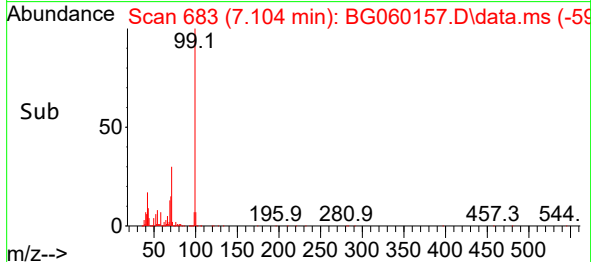
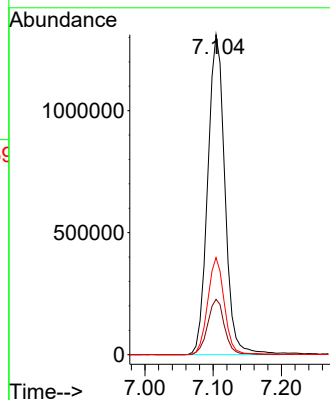
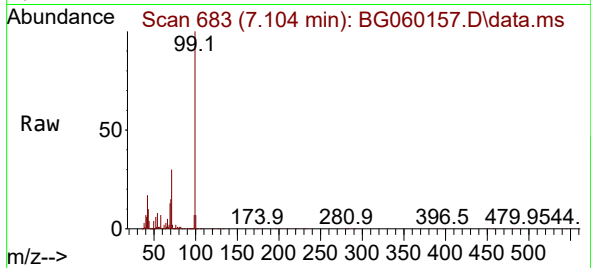




#7
Phenol-d6
Concen: 75.179 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060157.D
Acq: 23 Dec 2023 4:20

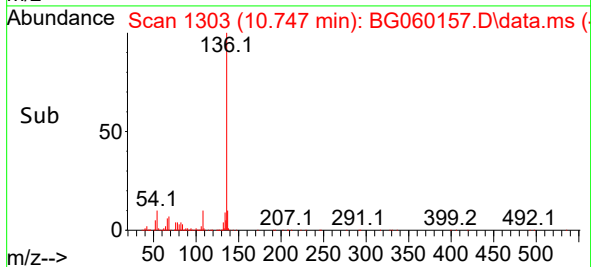
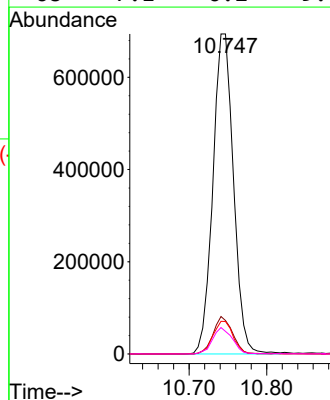
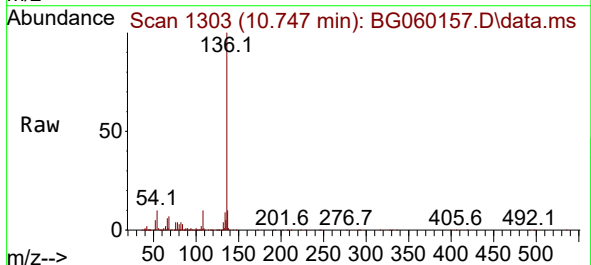
Instrument :
BNA_G
ClientSampleId :
TR-2

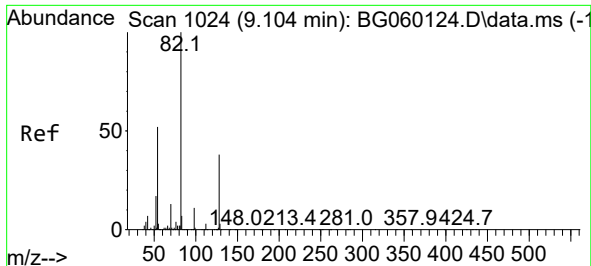
Tgt Ion: 99 Resp: 2295979
Ion Ratio Lower Upper
99 100
42 17.3 15.2 22.8
71 30.4 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 1303
Delta R.T. -0.002 min
Lab File: BG060157.D
Acq: 23 Dec 2023 4:20

Tgt Ion: 136 Resp: 1279447
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 10.1 8.7 13.1
68 7.1 6.2 9.4

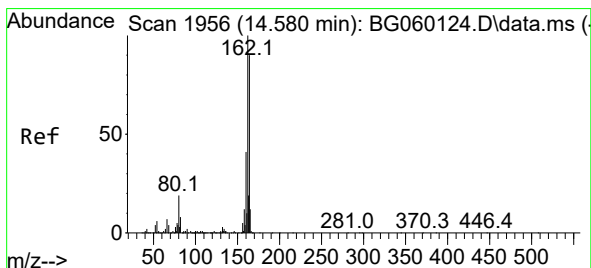
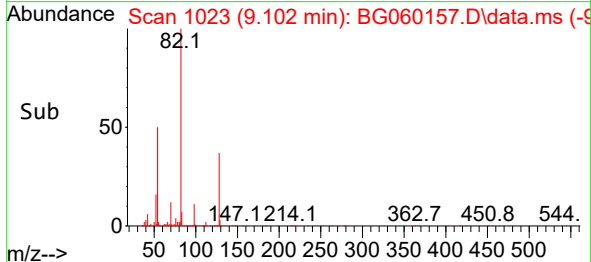
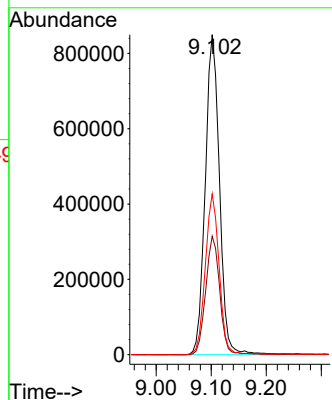
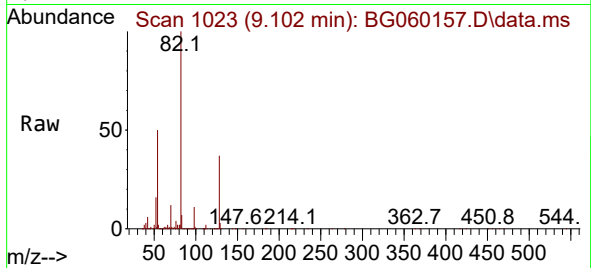




#23
Nitrobenzene-d5
Concen: 58.412 ng
RT: 9.102 min Scan# 1024
Delta R.T. -0.002 min
Lab File: BG060157.D
Acq: 23 Dec 2023 4:20

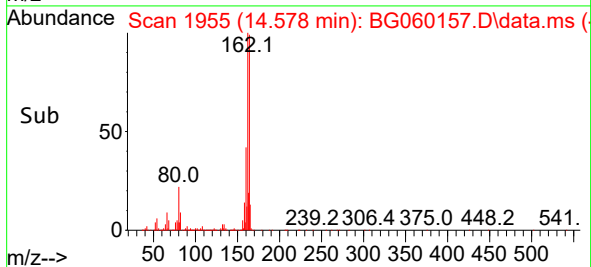
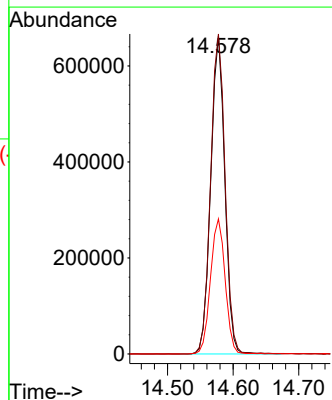
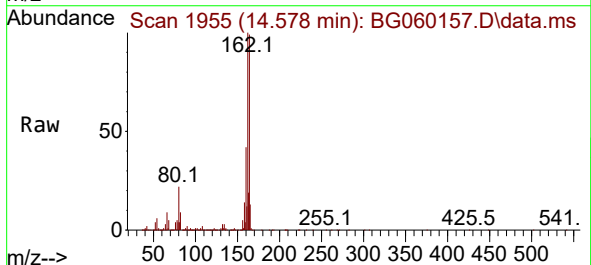
Instrument :
BNA_G
ClientSampleId :
TR-2

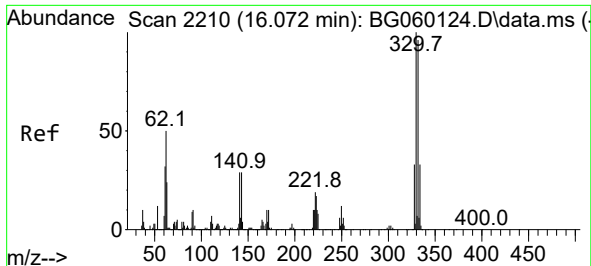
Tgt Ion: 82 Resp: 1525598
Ion Ratio Lower Upper
82 100
128 37.0 30.5 45.7
54 50.2 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG060157.D
Acq: 23 Dec 2023 4:20

Tgt Ion:164 Resp: 985426
Ion Ratio Lower Upper
164 100
162 100.6 88.5 132.7
160 42.5 36.2 54.2

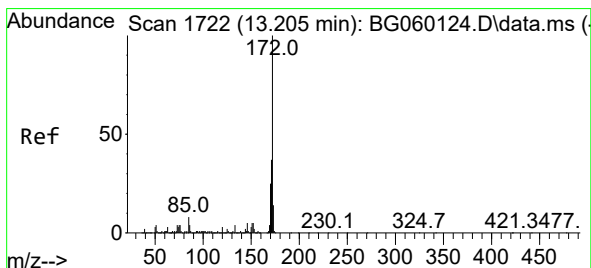
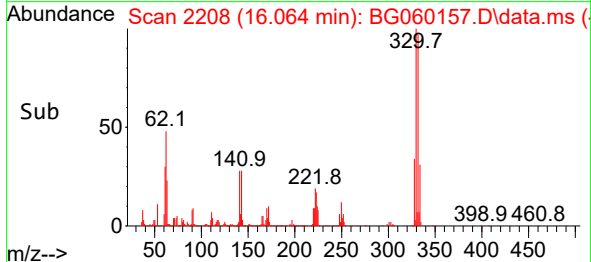
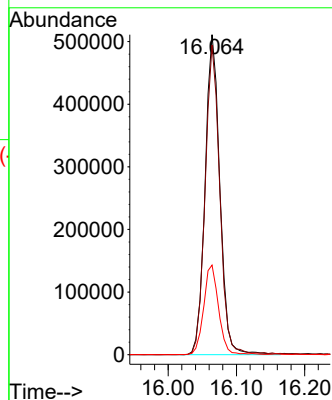
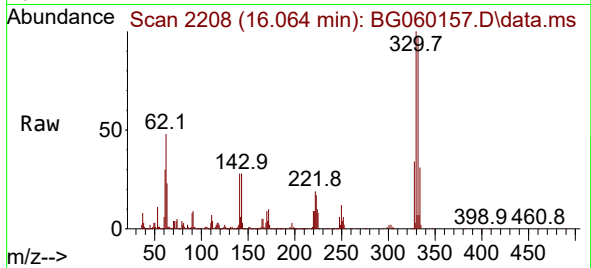




#42
2,4,6-Tribromophenol
Concen: 57.971 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060157.D
Acq: 23 Dec 2023 4:20

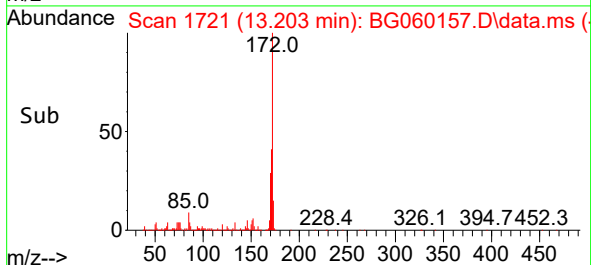
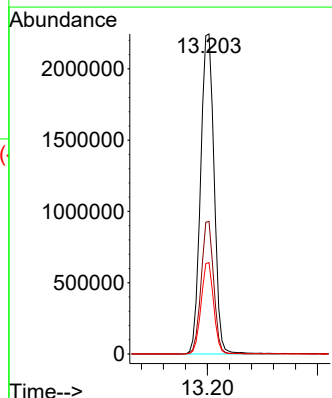
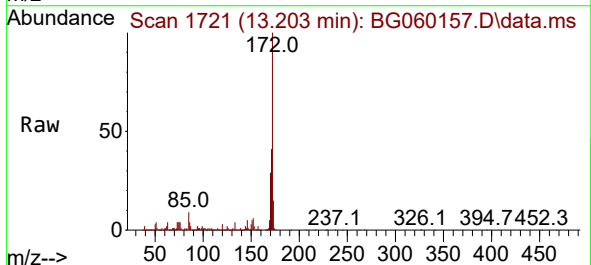
Instrument :
BNA_G
ClientSampleId :
TR-2

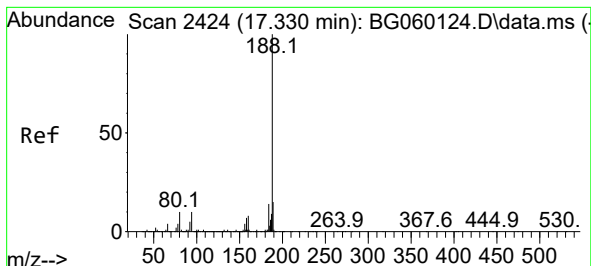
Tgt Ion:330 Resp: 769164
Ion Ratio Lower Upper
330 100
332 96.5 75.5 113.3
141 28.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 58.396 ng
RT: 13.203 min Scan# 1721
Delta R.T. -0.002 min
Lab File: BG060157.D
Acq: 23 Dec 2023 4:20

Tgt Ion:172 Resp: 3832366
Ion Ratio Lower Upper
172 100
171 41.4 29.2 43.8
170 28.6 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.322 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG060157.D

Acq: 23 Dec 2023 4:20

Instrument :

BNA_G

ClientSampleId :

TR-2

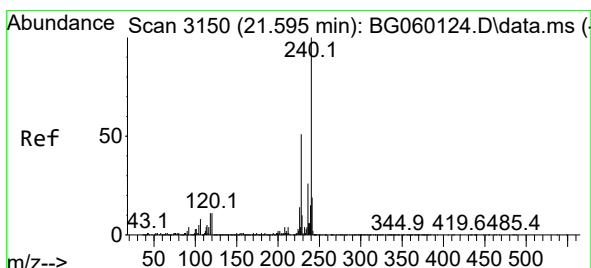
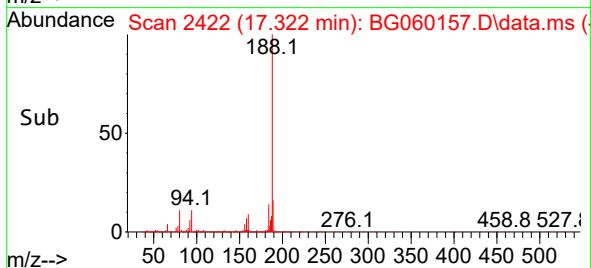
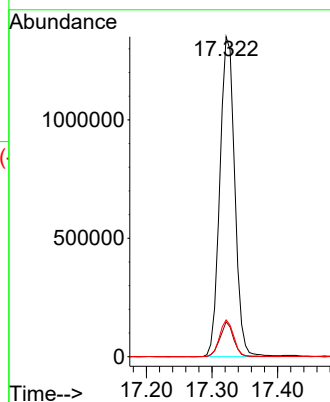
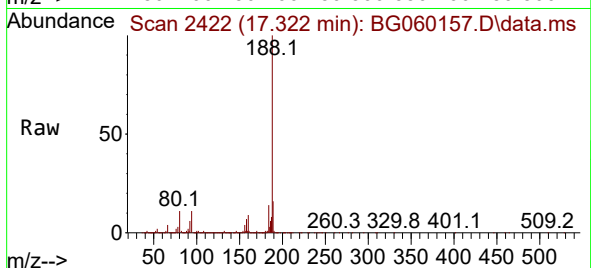
Tgt Ion:188 Resp: 2121533

Ion Ratio Lower Upper

188 100

94 10.9 7.6 11.4

80 11.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.587 min Scan# 3148

Delta R.T. -0.008 min

Lab File: BG060157.D

Acq: 23 Dec 2023 4:20

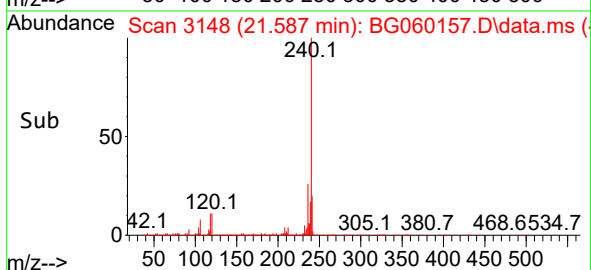
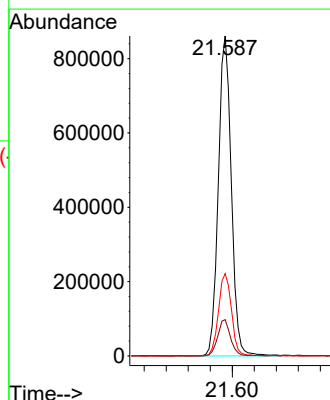
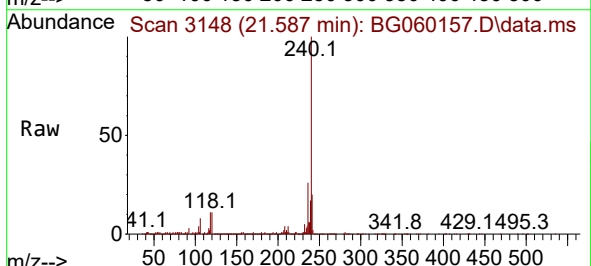
Tgt Ion:240 Resp: 1408788

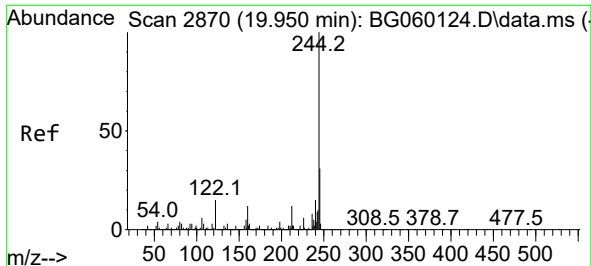
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.6

236 25.7 20.4 30.6

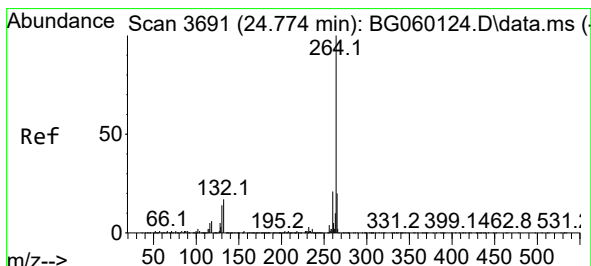
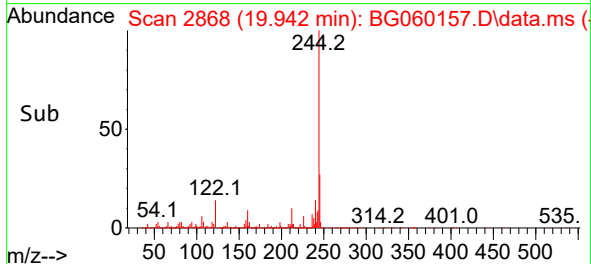
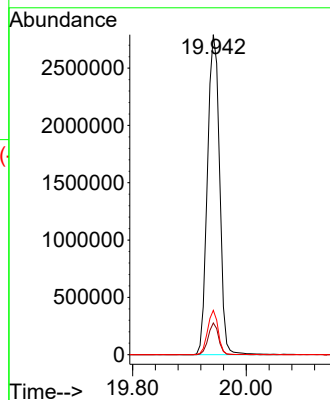
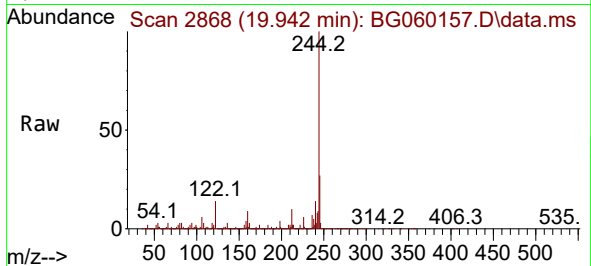




#79
 Terphenyl-d14
 Concen: 52.893 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG060157.D
 Acq: 23 Dec 2023 4:20

Instrument :
 BNA_G
 ClientSampleId :
 TR-2

Tgt Ion:244 Resp: 4117938
 Ion Ratio Lower Upper
 244 100
 212 9.9 9.5 14.3
 122 13.9 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.760 min Scan# 3688
 Delta R.T. -0.014 min
 Lab File: BG060157.D
 Acq: 23 Dec 2023 4:20

Tgt Ion:264 Resp: 1609600
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.1 25.7
 265 21.2 16.0 24.0

