

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060132.D
 Acq On : 22 Dec 2023 10:47
 Operator : MA/JU
 Sample : PB157953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157953BL

Quant Time: Dec 22 11:20:32 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	7.941	152	168400	20.000	ng	# 0.00
21) Naphthalene-d8	10.743	136	761850	20.000	ng	# 0.00
39) Acenaphthene-d10	14.574	164	656785	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1858618	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1722413	20.000	ng	0.00
86) Perylene-d12	24.762	264	1512394	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1858917	173.938	ng	0.00
7) Phenol-d6	7.106	99	2757614	153.319	ng	0.00
23) Nitrobenzene-d5	9.104	82	1613975	103.780	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1333227	150.765	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4098240	93.694	ng	0.00
79) Terphenyl-d14	19.950	244	6384118	67.070	ng	0.00

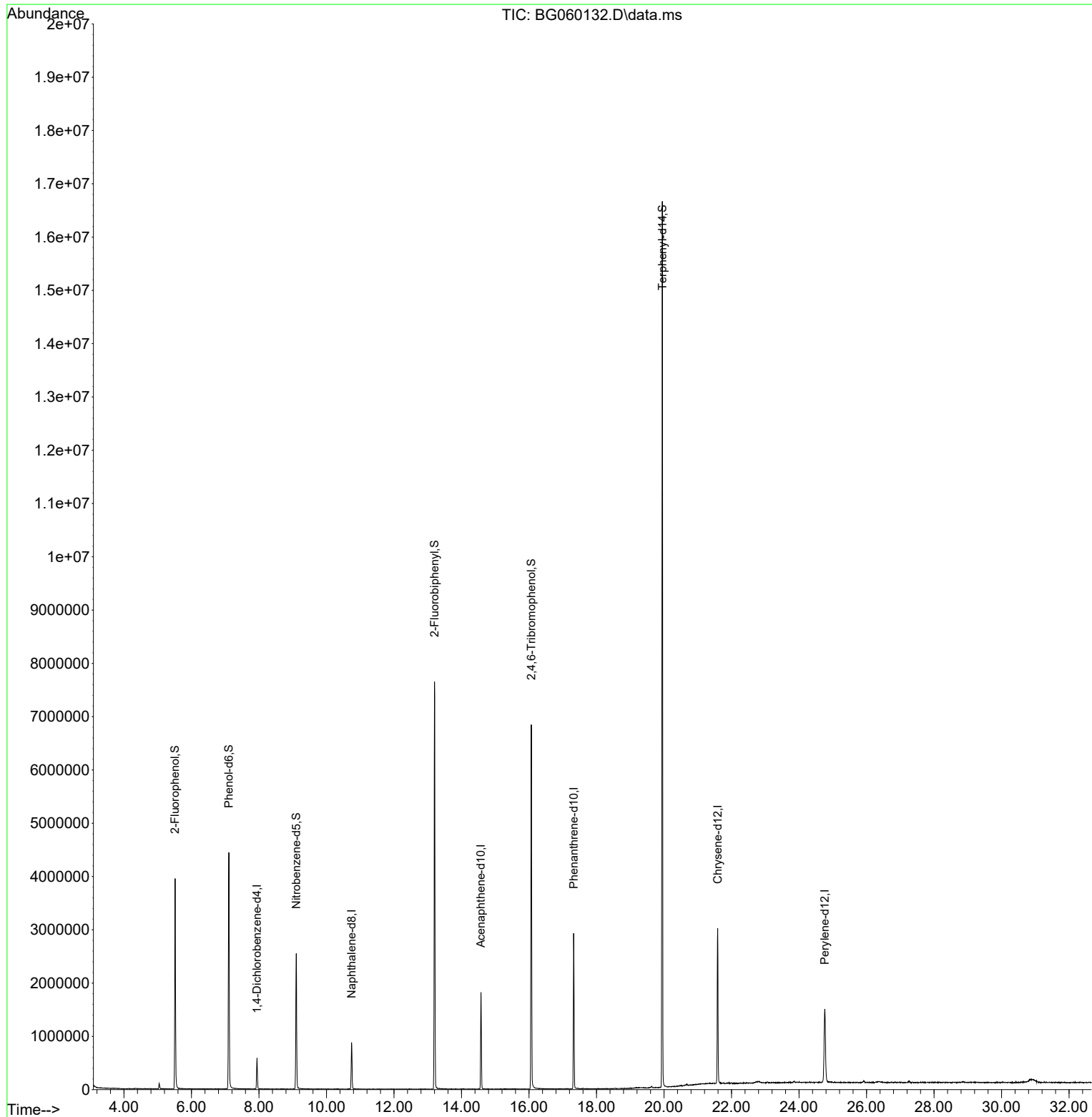
Target Compounds	Qvalue

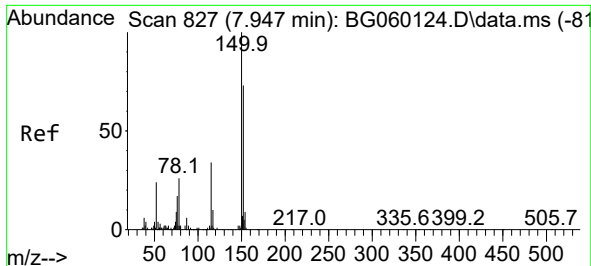
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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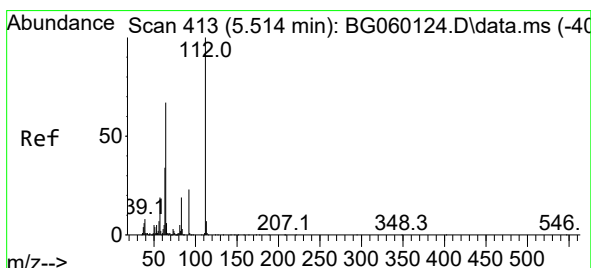
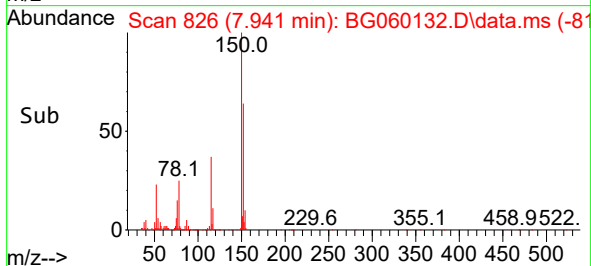
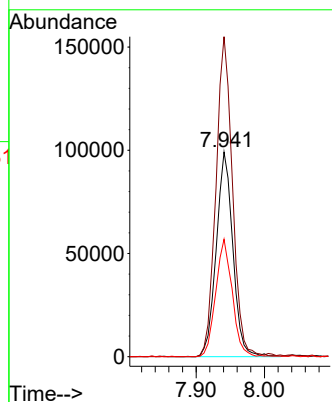
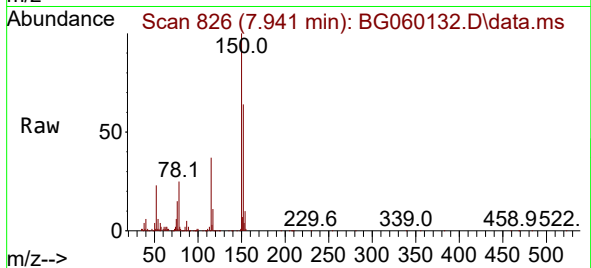




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

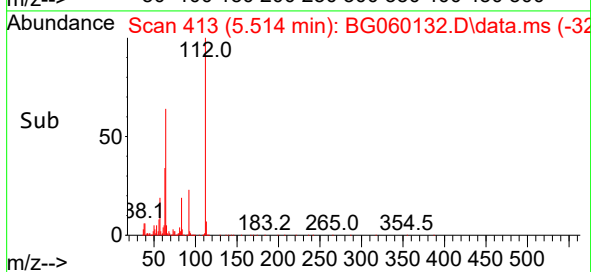
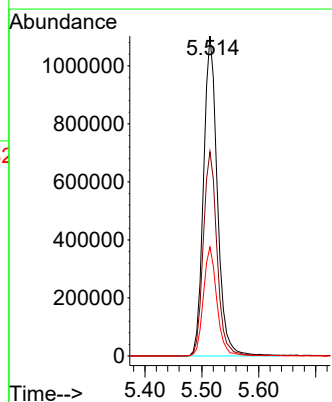
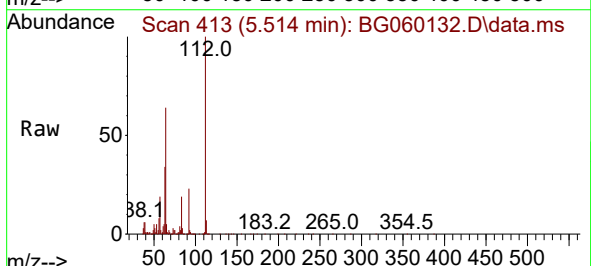
Instrument :
BNA_G
ClientSampleId :
PB157953BL

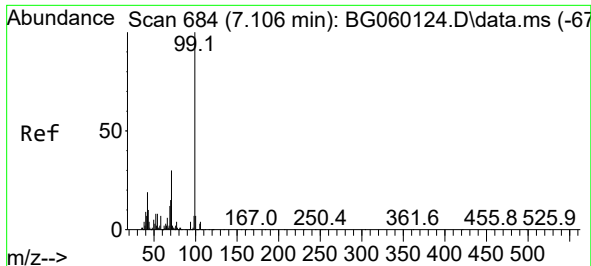
Tgt Ion:152 Resp: 168400
Ion Ratio Lower Upper
152 100
150 156.4 109.4 164.0
115 57.4 36.5 54.7#



#5
2-Fluorophenol
Concen: 173.938 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion:112 Resp: 1858917
Ion Ratio Lower Upper
112 100
64 63.8 53.3 79.9
63 34.1 27.1 40.7



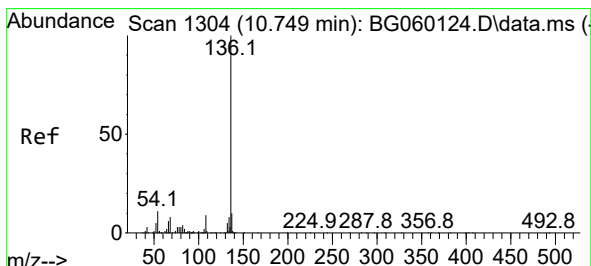
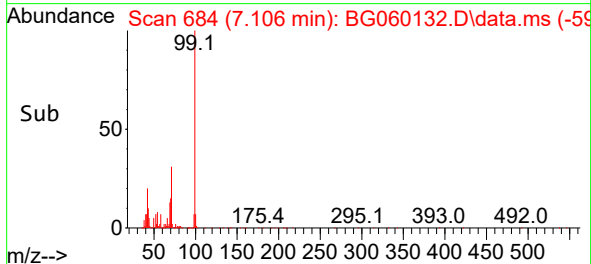
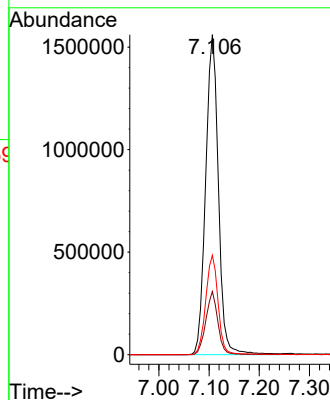
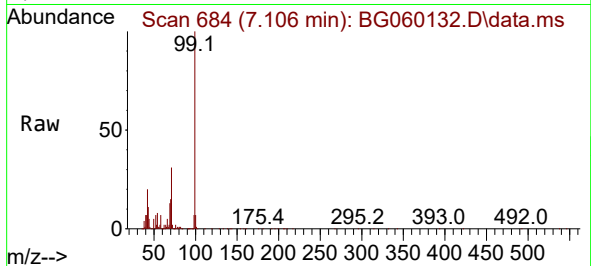


#7
Phenol-d6
Concen: 153.319 ng
RT: 7.106 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Instrument :
BNA_G
ClientSampleId :
PB157953BL

Tgt Ion: 99 Resp: 2757614

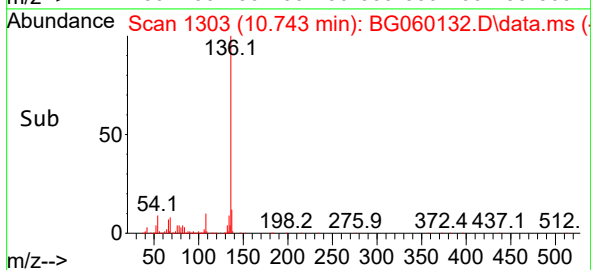
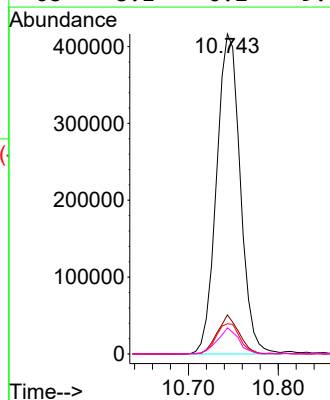
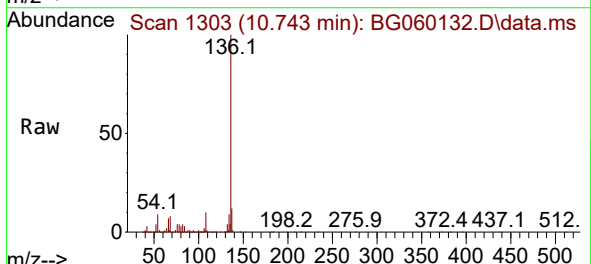
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.2	22.8
71	31.1	24.2	36.2

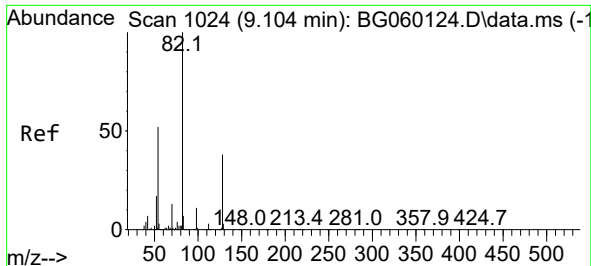


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion: 136 Resp: 761850

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.1	12.1
54	9.5	8.7	13.1
68	8.1	6.2	9.4

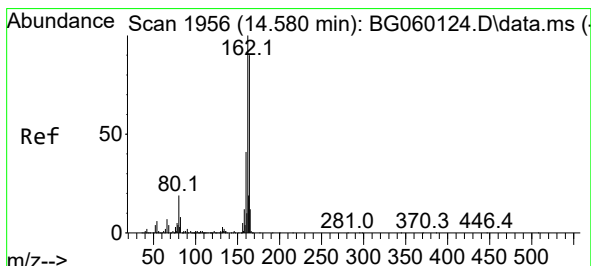
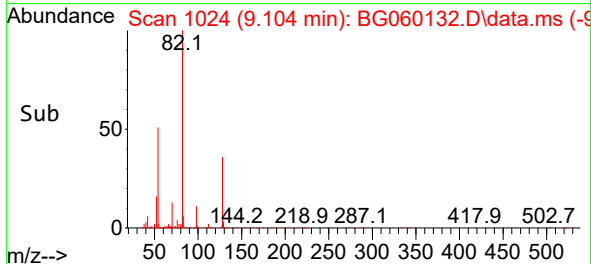
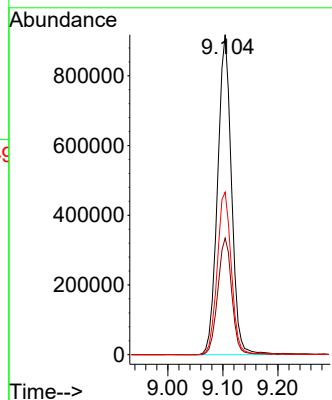
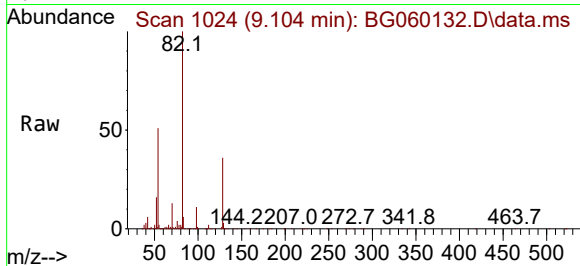




#23
Nitrobenzene-d5
Concen: 103.780 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

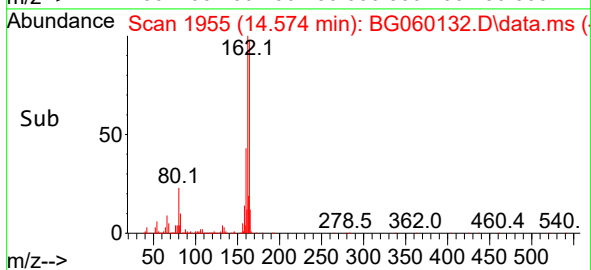
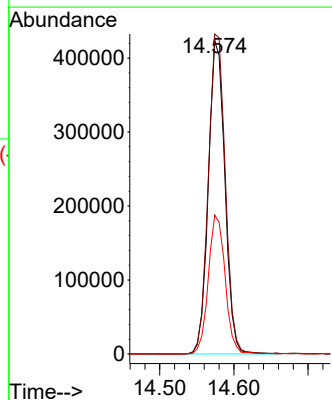
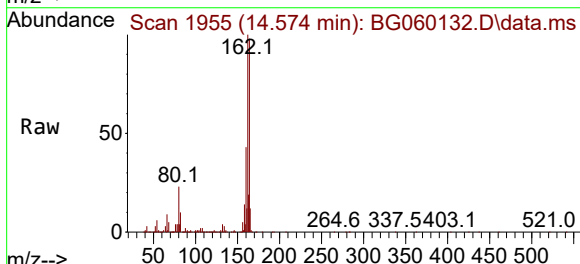
Instrument :
BNA_G
ClientSampleId :
PB157953BL

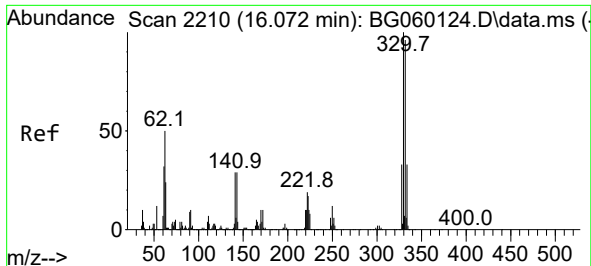
Tgt Ion: 82 Resp: 1613975
Ion Ratio Lower Upper
82 100
128 36.4 30.5 45.7
54 50.8 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion:164 Resp: 656785
Ion Ratio Lower Upper
164 100
162 102.3 88.5 132.7
160 44.4 36.2 54.2

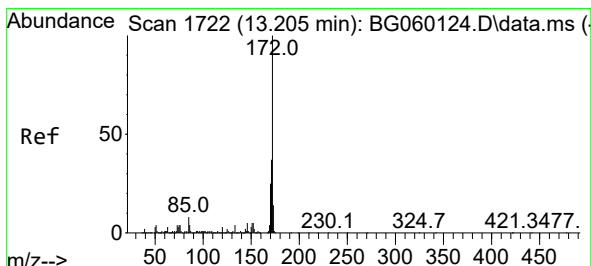
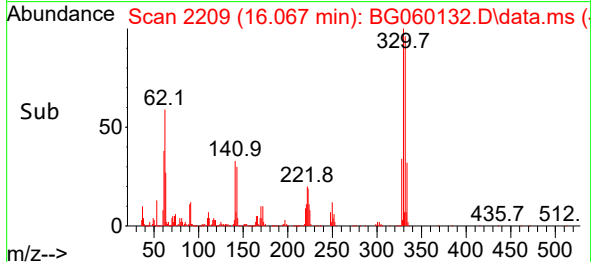
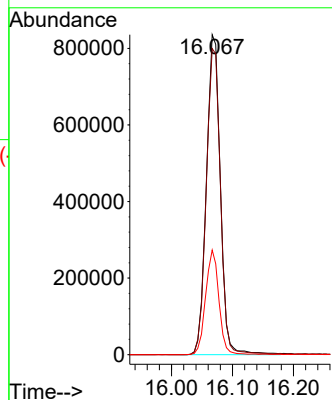
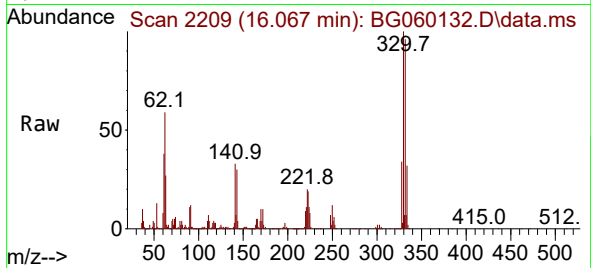




#42
2,4,6-Tribromophenol
Concen: 150.765 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

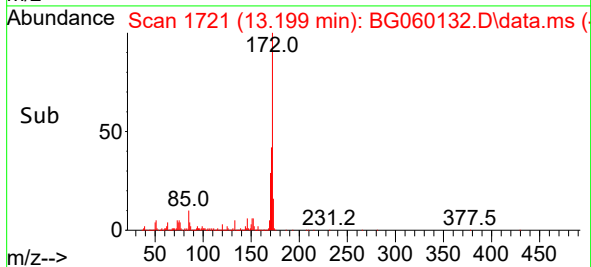
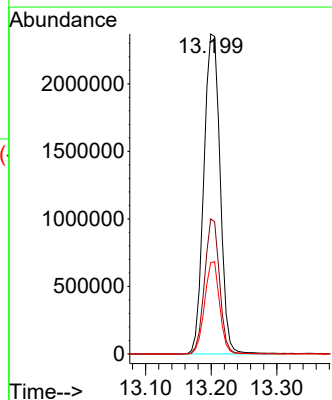
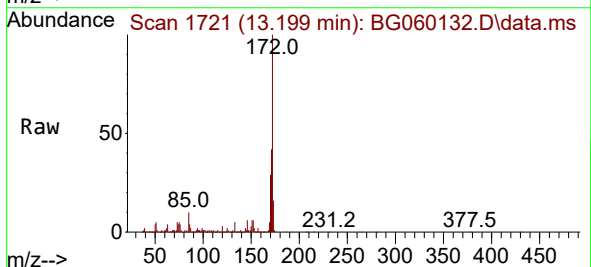
Instrument :
BNA_G
ClientSampleId :
PB157953BL

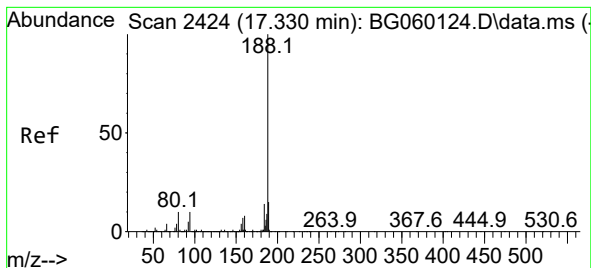
Tgt Ion:330 Resp: 1333227
Ion Ratio Lower Upper
330 100
332 96.9 75.5 113.3
141 31.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 93.694 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG060132.D
Acq: 22 Dec 2023 10:47

Tgt Ion:172 Resp: 4098240
Ion Ratio Lower Upper
172 100
171 42.2 29.2 43.8
170 28.5 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060132.D

Acq: 22 Dec 2023 10:47

Instrument :

BNA_G

ClientSampleId :

PB157953BL

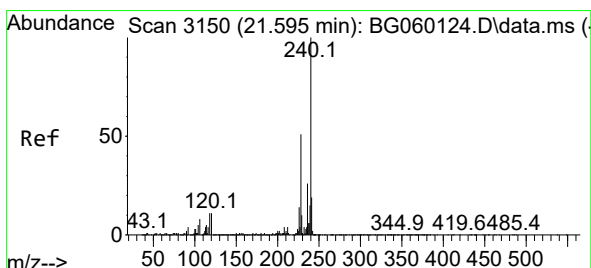
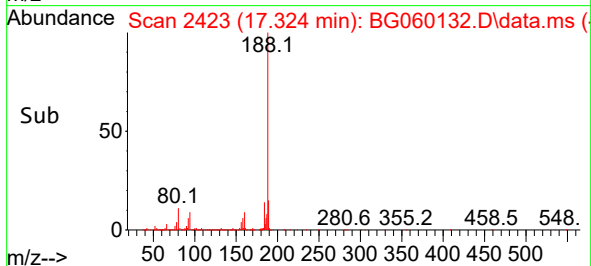
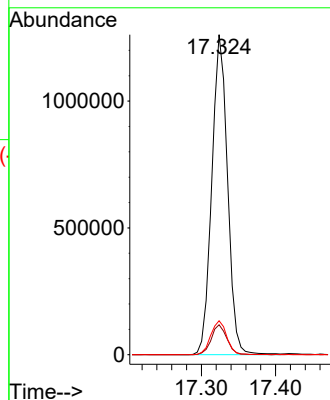
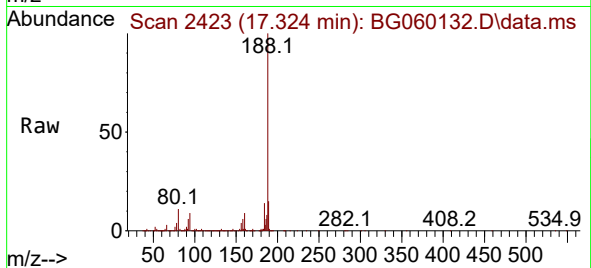
Tgt Ion:188 Resp: 1858618

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BG060132.D

Acq: 22 Dec 2023 10:47

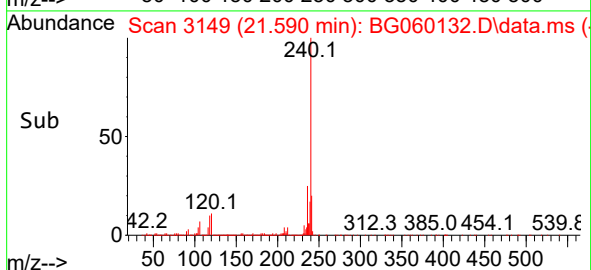
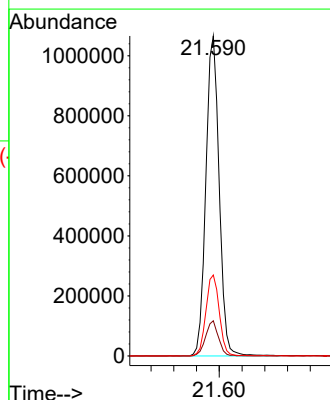
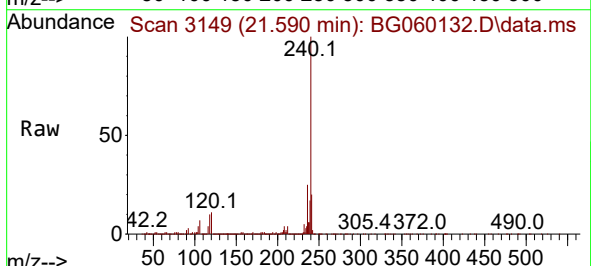
Tgt Ion:240 Resp: 1722413

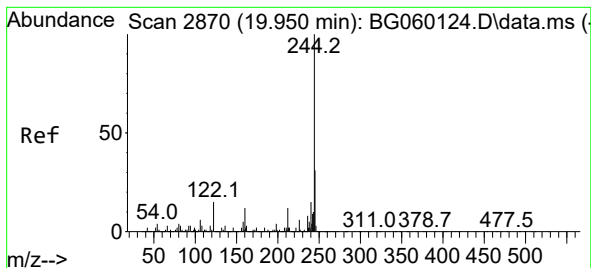
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 67.070 ng

RT: 19.950 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060132.D

Acq: 22 Dec 2023 10:47

Instrument :

BNA_G

ClientSampleId :

PB157953BL

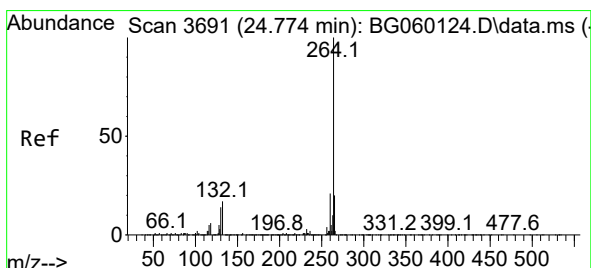
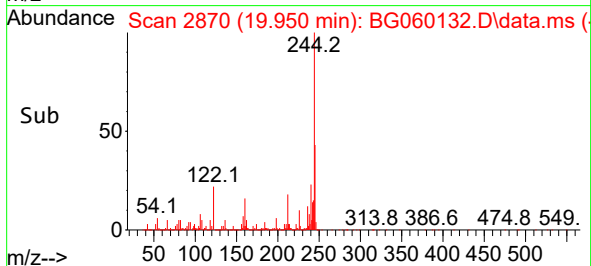
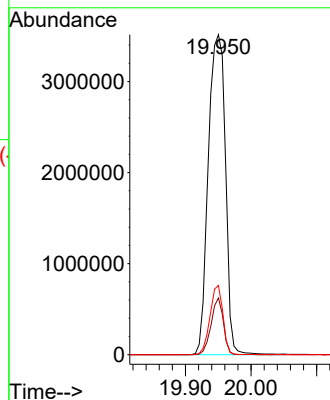
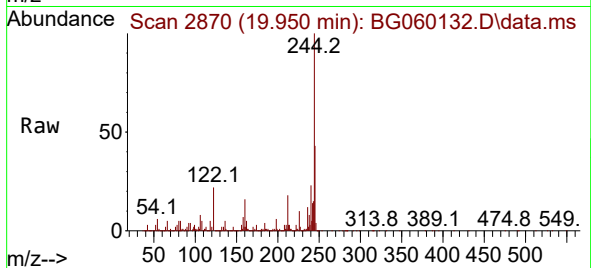
Tgt Ion:244 Resp: 6384118

Ion Ratio Lower Upper

244 100

212 17.7 9.5 14.3#

122 21.6 12.2 18.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 3689

Delta R.T. -0.012 min

Lab File: BG060132.D

Acq: 22 Dec 2023 10:47

Tgt Ion:264 Resp: 1512394

Ion Ratio Lower Upper

264 100

260 24.5 17.1 25.7

265 22.6 16.0 24.0

