

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060158.D
 Acq On : 23 Dec 2023 5:00
 Operator : MA/JU
 Sample : 05873-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 215-0200

Quant Time: Dec 25 00:43:31 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	7.942	152	309074	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	1300368	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	875584	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1701911	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1374895	20.000	ng	-0.01
86) Perylene-d12	24.757	264	1519387	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	2568902	130.967	ng	0.00
7) Phenol-d6	7.107	99	3337273	101.096	ng	0.00
23) Nitrobenzene-d5	9.105	82	2419811	91.159	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	1231192	104.435	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	4966106	85.164	ng	0.00
79) Terphenyl-d14	19.945	244	5216389	68.654	ng	0.00

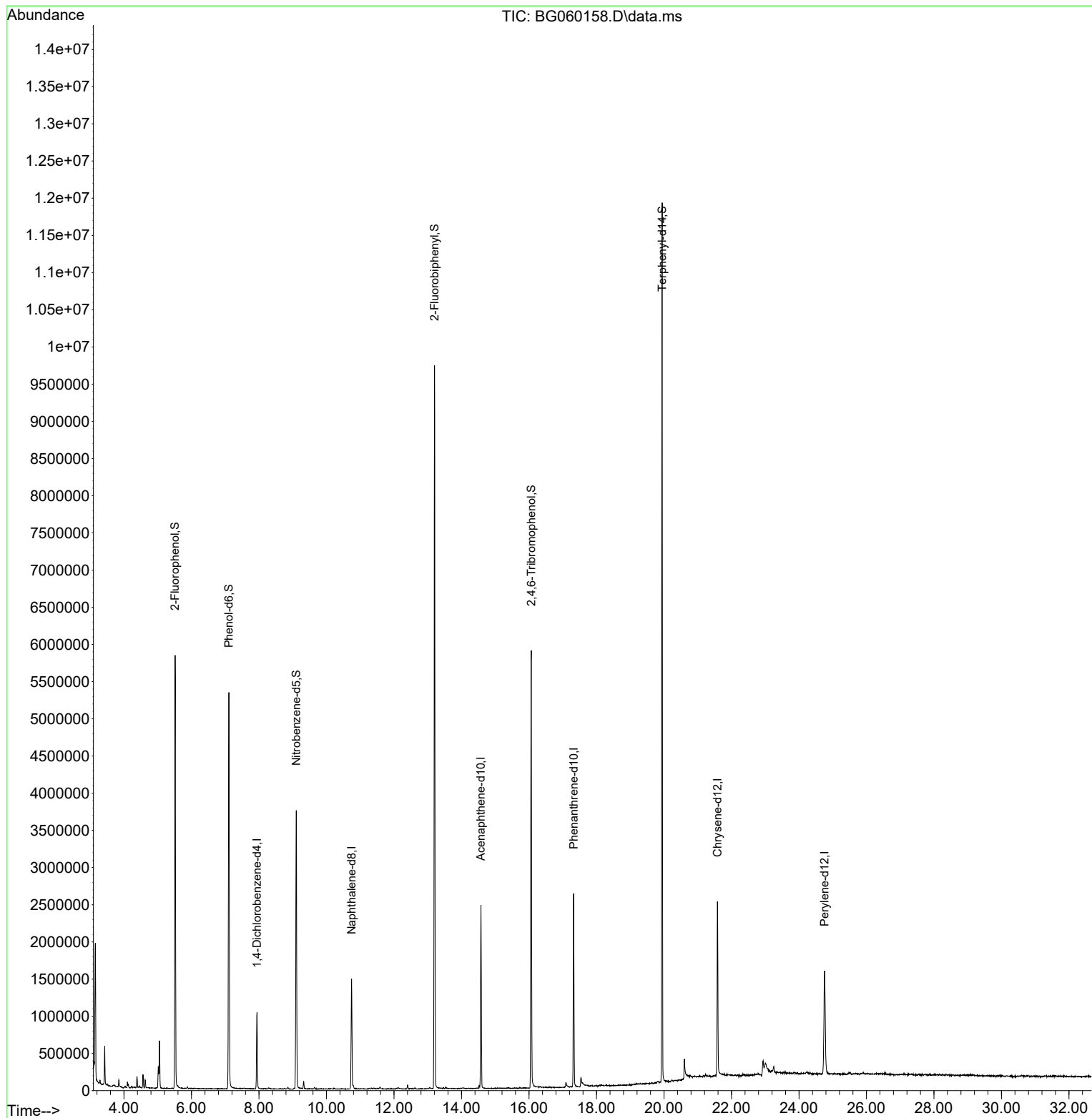
Target Compounds	Qvalue

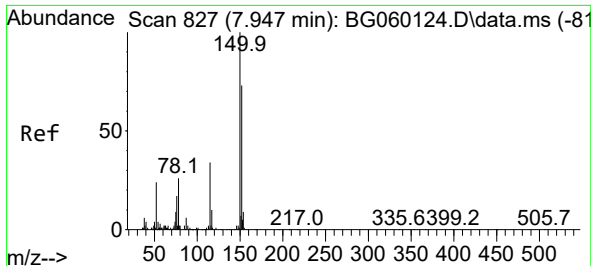
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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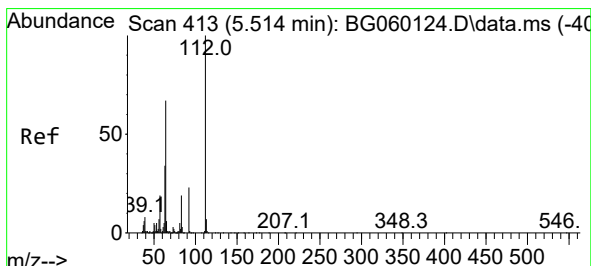
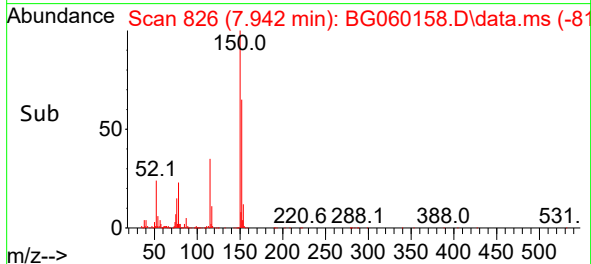
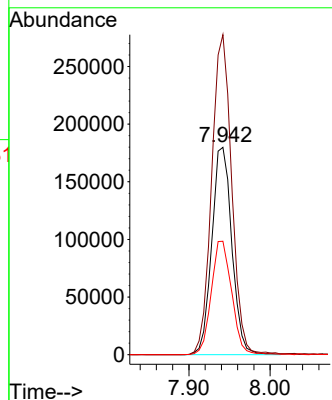
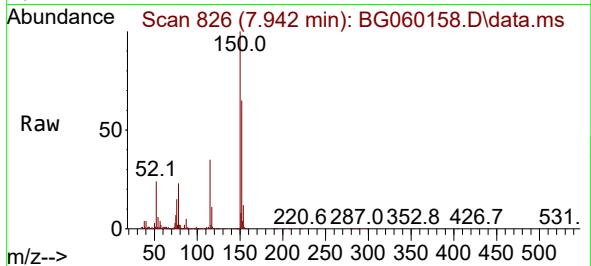




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

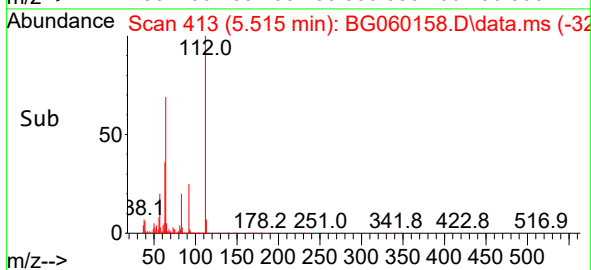
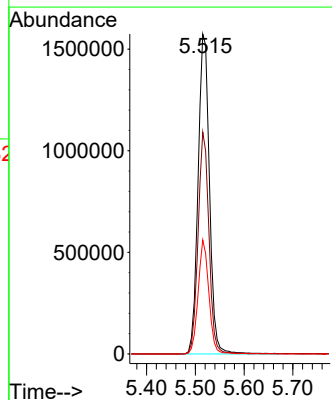
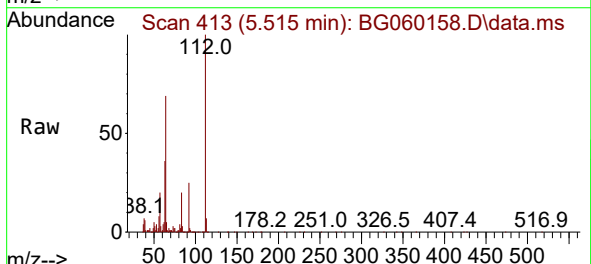
Instrument :
BNA_G
ClientSampleId :
215-0200

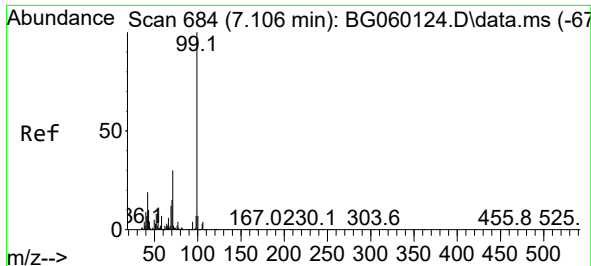
Tgt Ion:152 Resp: 309074
Ion Ratio Lower Upper
152 100
150 154.3 109.4 164.0
115 54.7 36.5 54.7



#5
2-Fluorophenol
Concen: 130.967 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:112 Resp: 2568902
Ion Ratio Lower Upper
112 100
64 69.4 53.3 79.9
63 35.6 27.1 40.7

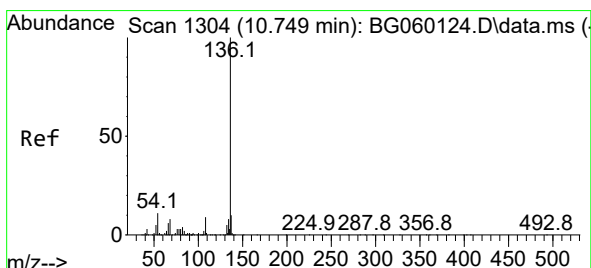
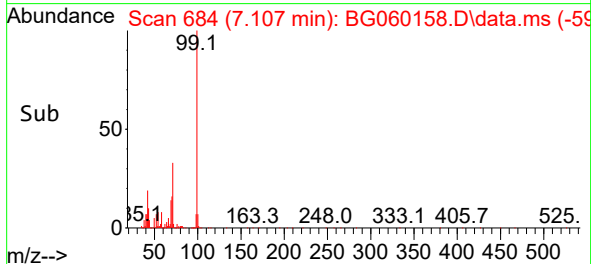
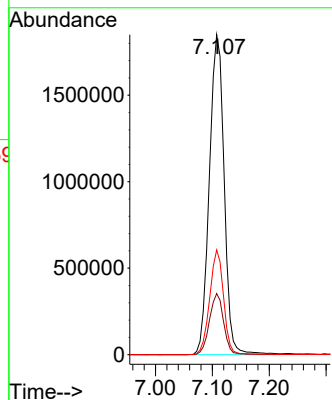
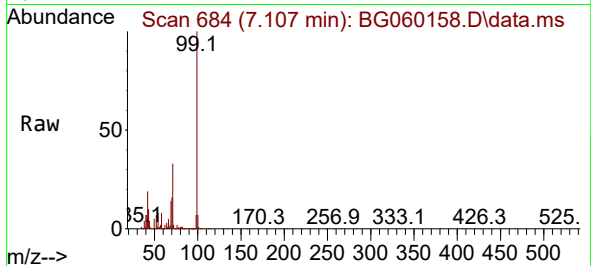




#7
Phenol-d6
Concen: 101.096 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

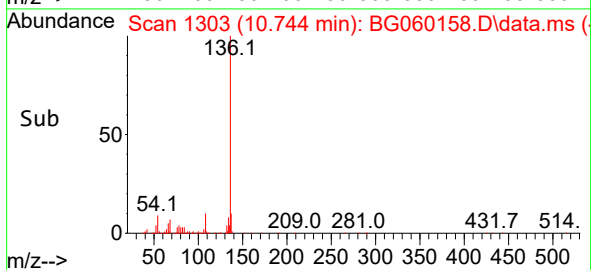
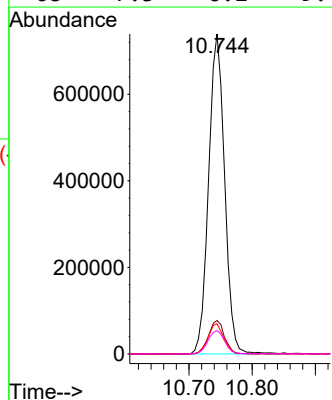
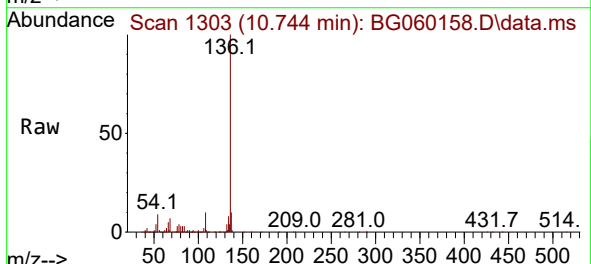
Instrument :
BNA_G
ClientSampleId :
215-0200

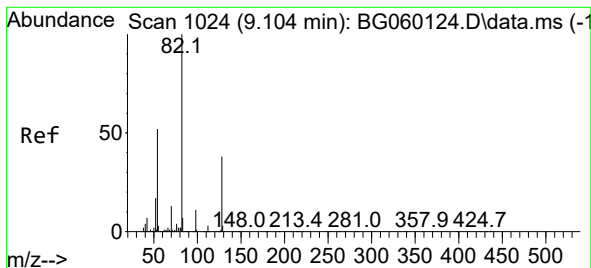
Tgt Ion: 99 Resp: 3337273
Ion Ratio Lower Upper
99 100
42 19.1 15.2 22.8
71 32.8 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:136 Resp: 1300368
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 9.4 8.7 13.1
68 7.3 6.2 9.4

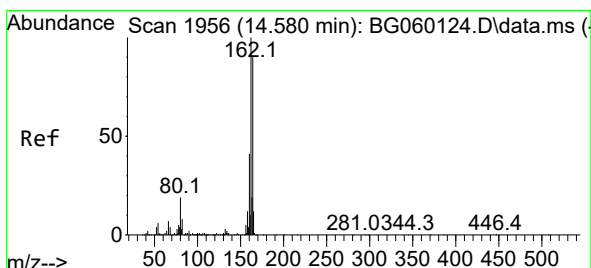
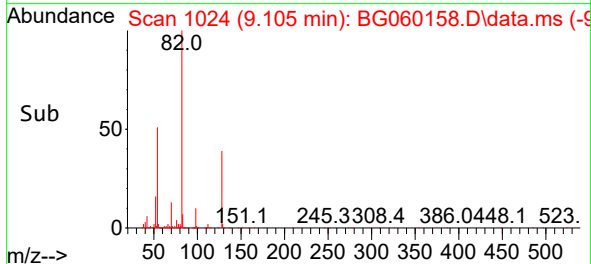
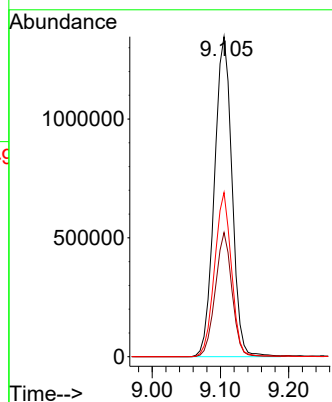
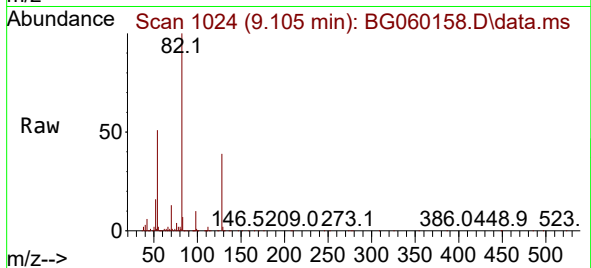




#23
Nitrobenzene-d5
Concen: 91.159 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

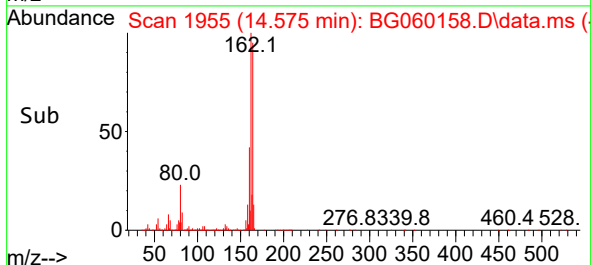
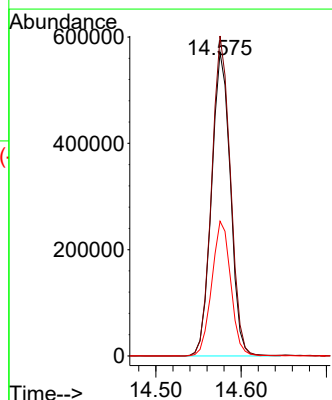
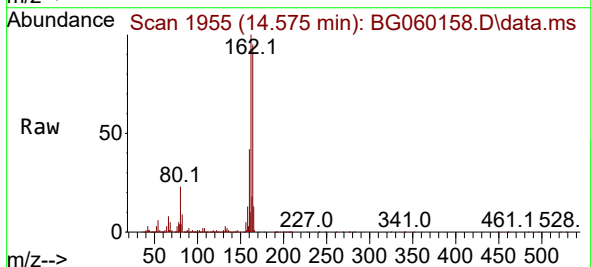
Instrument :
BNA_G
ClientSampleId :
215-0200

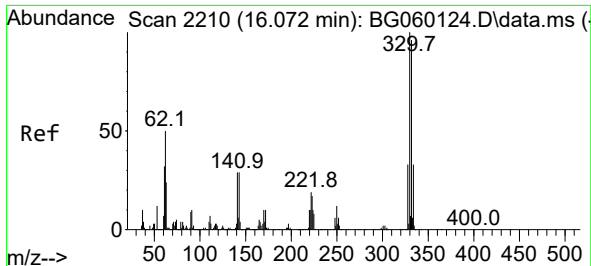
Tgt Ion: 82 Resp: 2419811
Ion Ratio Lower Upper
82 100
128 38.8 30.5 45.7
54 51.3 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:164 Resp: 875584
Ion Ratio Lower Upper
164 100
162 105.4 88.5 132.7
160 44.3 36.2 54.2

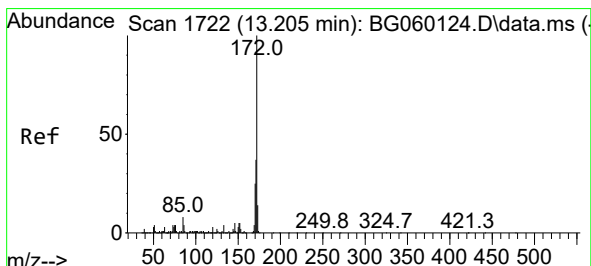
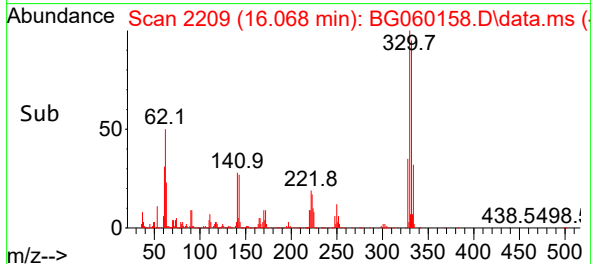
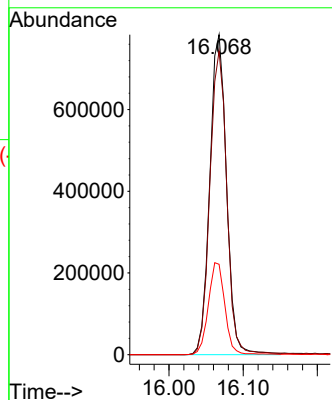
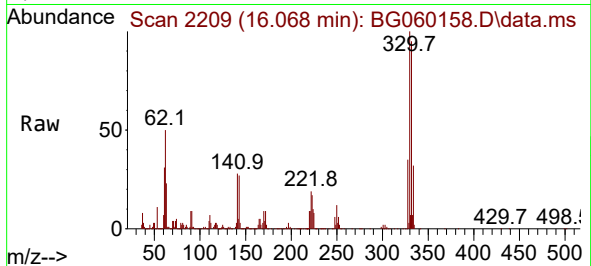




#42
2,4,6-Tribromophenol
Concen: 104.435 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

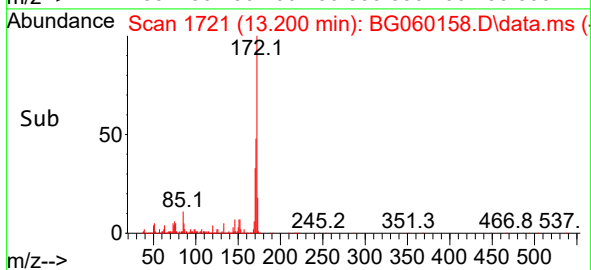
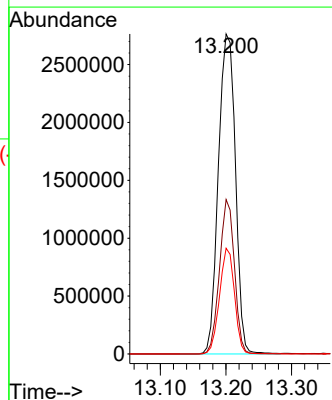
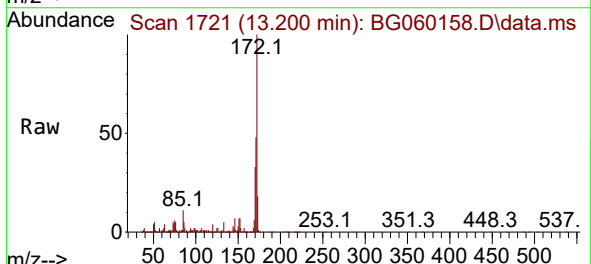
Instrument :
BNA_G
ClientSampleId :
215-0200

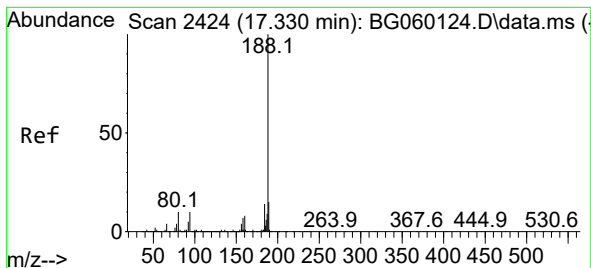
Tgt Ion:330 Resp: 1231192
Ion Ratio Lower Upper
330 100
332 96.0 75.5 113.3
141 28.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 85.164 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG060158.D
Acq: 23 Dec 2023 5:00

Tgt Ion:172 Resp: 4966106
Ion Ratio Lower Upper
172 100
171 48.3 29.2 43.8#
170 33.1 20.1 30.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG060158.D

Acq: 23 Dec 2023 5:00

Instrument :

BNA_G

ClientSampleId :

215-0200

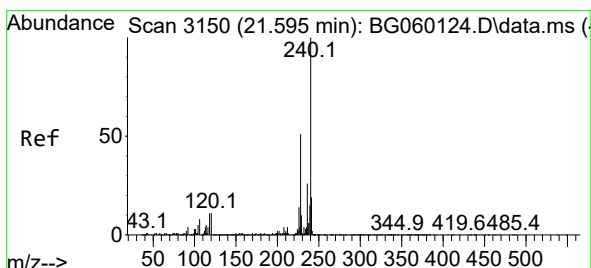
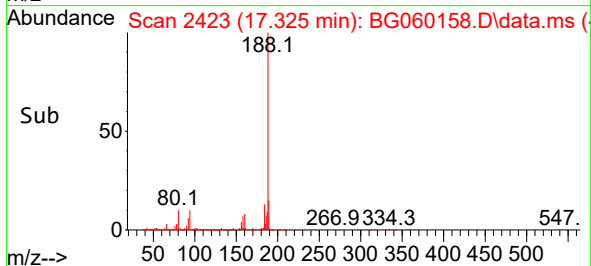
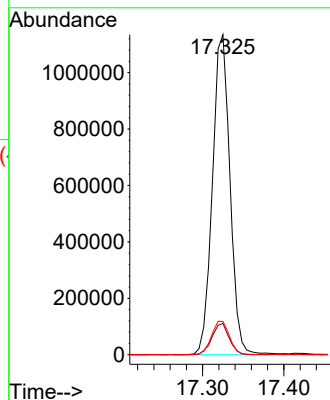
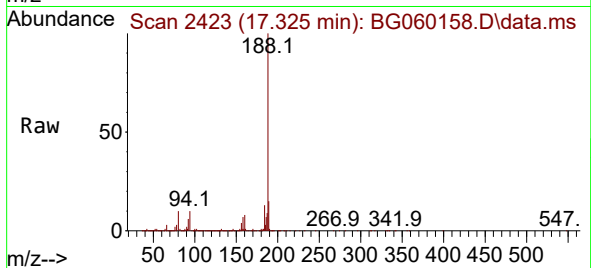
Tgt Ion:188 Resp: 1701911

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.4 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.585 min Scan# 3148

Delta R.T. -0.011 min

Lab File: BG060158.D

Acq: 23 Dec 2023 5:00

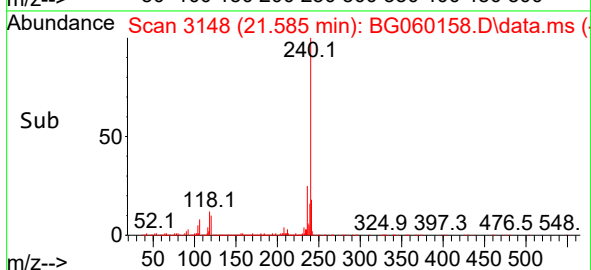
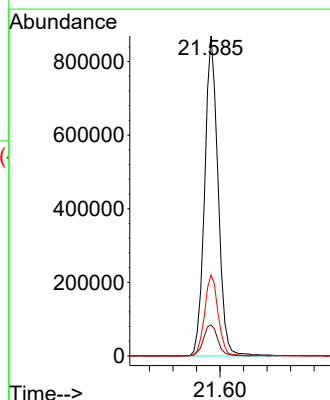
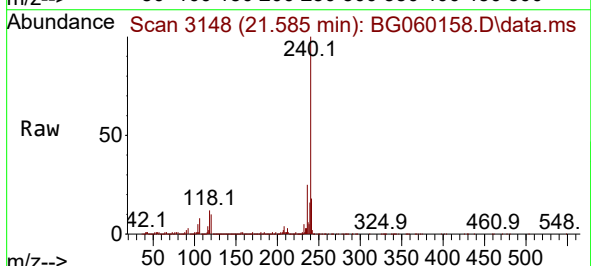
Tgt Ion:240 Resp: 1374895

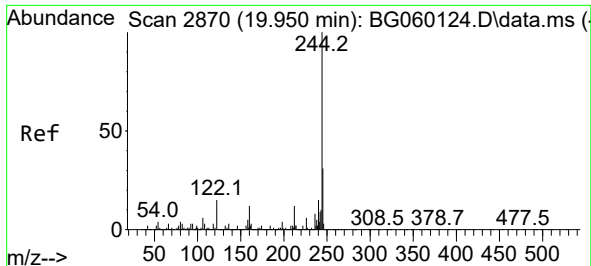
Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.6

236 25.3 20.4 30.6

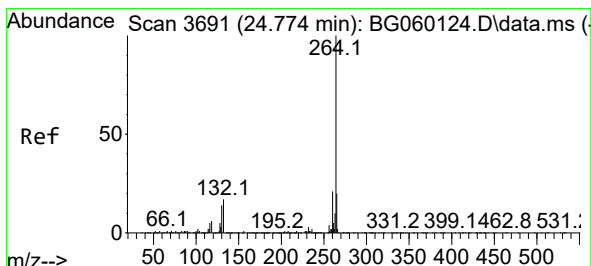
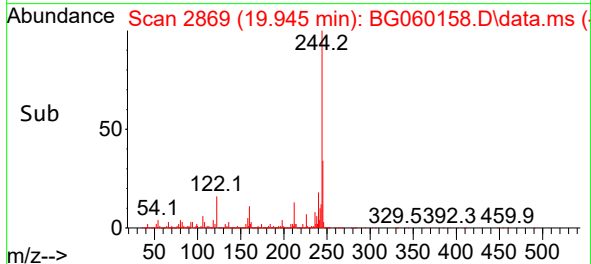
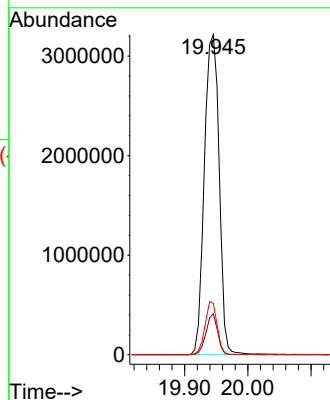
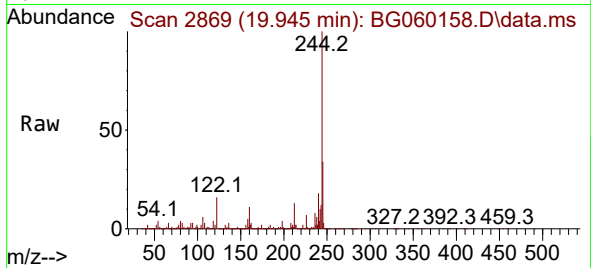




#79
 Terphenyl-d14
 Concen: 68.654 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060158.D
 Acq: 23 Dec 2023 5:00

Instrument :
 BNA_G
 ClientSampleId :
 215-0200

Tgt Ion:244 Resp: 5216389
 Ion Ratio Lower Upper
 244 100
 212 12.8 9.5 14.3
 122 16.1 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.757 min Scan# 3688
 Delta R.T. -0.016 min
 Lab File: BG060158.D
 Acq: 23 Dec 2023 5:00

Tgt Ion:264 Resp: 1519387
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.1 25.7
 265 22.0 16.0 24.0

