

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060244.D
 Acq On : 4 Jan 2024 14:18
 Operator : MA/JU
 Sample : PB158159BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158159BL

Quant Time: Jan 04 15:07:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	218555	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	943306	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	745920	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1995874	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1916257	20.000	ng	0.00
86) Perylene-d12	24.768	264	2161366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	2245072	155.045	ng	0.00
7) Phenol-d6	7.106	99	3255519	151.422	ng	0.00
23) Nitrobenzene-d5	9.098	82	1924501	94.235	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1503228	150.550	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4403745	84.850	ng	0.00
79) Terphenyl-d14	19.944	244	6278078	62.985	ng	0.00

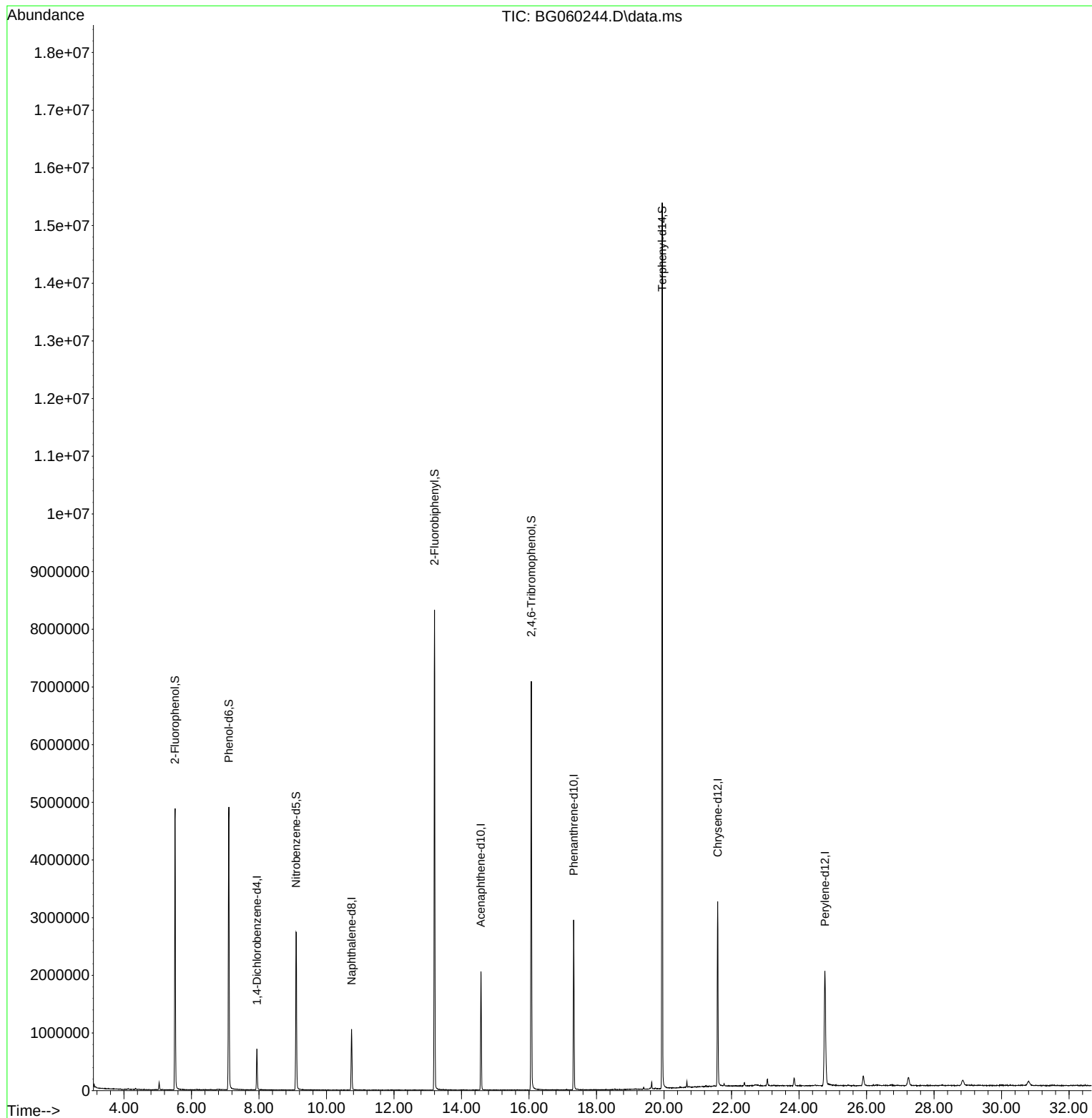
Target Compounds	Qvalue

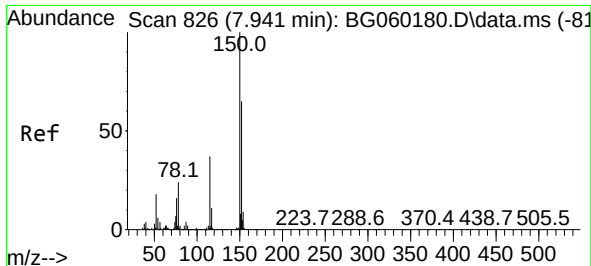
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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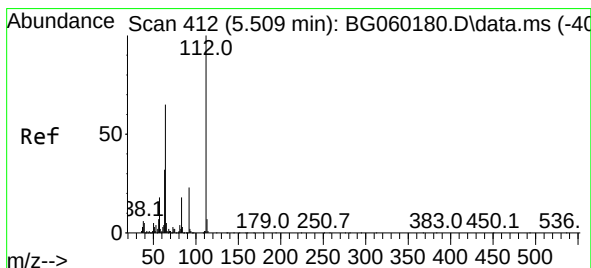
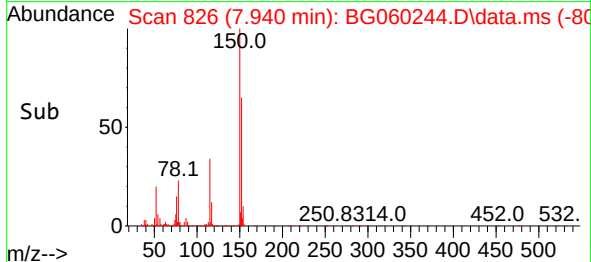
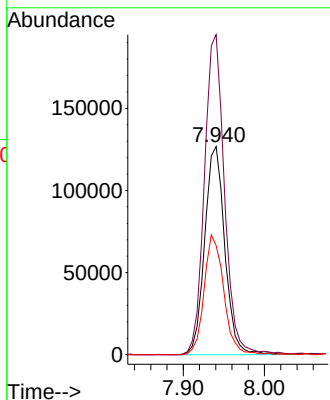
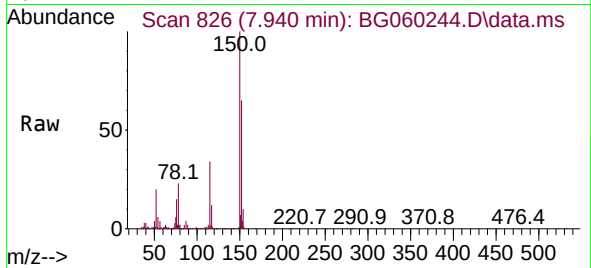




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060244.D
Acq: 4 Jan 2024 14:18

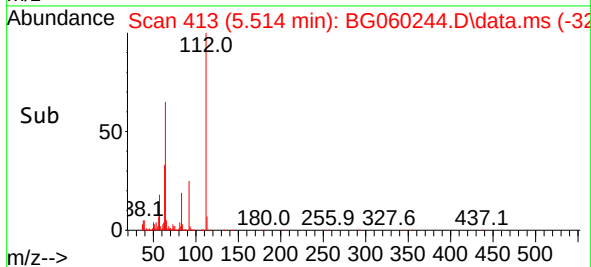
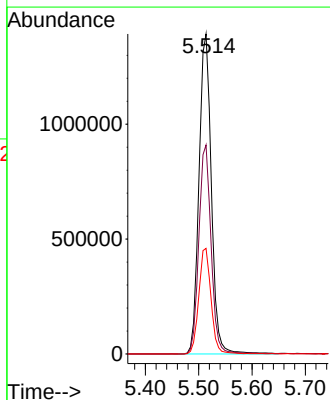
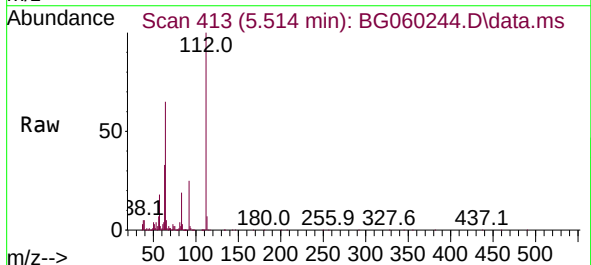
Instrument :
BNA_G
ClientSampleId :
PB158159BL

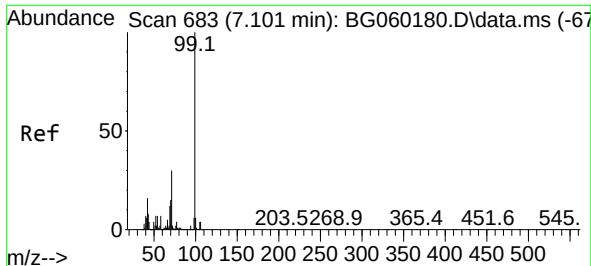
Tgt Ion:152 Resp: 218555
Ion Ratio Lower Upper
152 100
150 153.8 123.4 185.0
115 52.4 45.4 68.0



#5
2-Fluorophenol
Concen: 155.045 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.005 min
Lab File: BG060244.D
Acq: 4 Jan 2024 14:18

Tgt Ion:112 Resp: 2245072
Ion Ratio Lower Upper
112 100
64 65.3 52.2 78.4
63 33.0 25.4 38.0

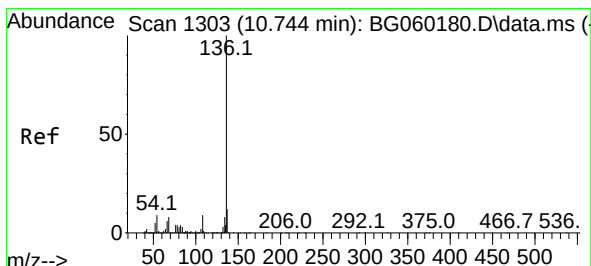
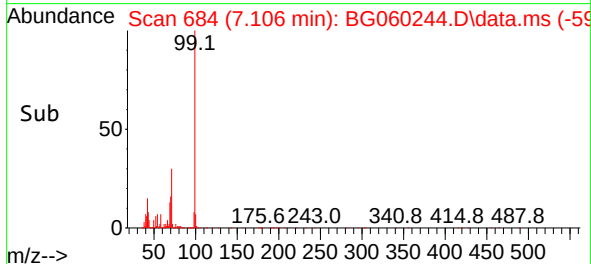
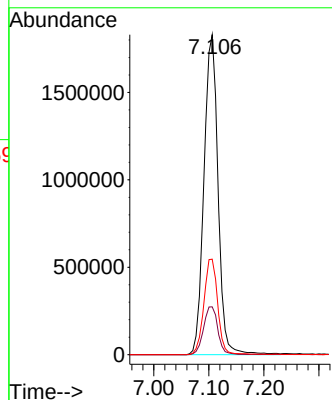
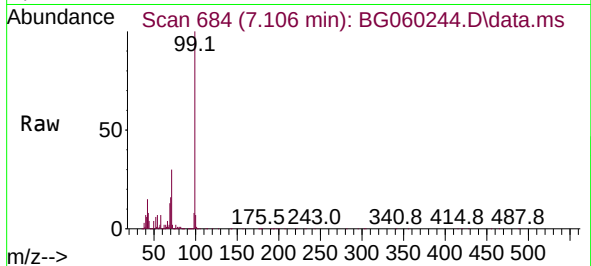




#7
Phenol-d6
Concen: 151.422 ng
RT: 7.106 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060244.D
Acq: 4 Jan 2024 14:18

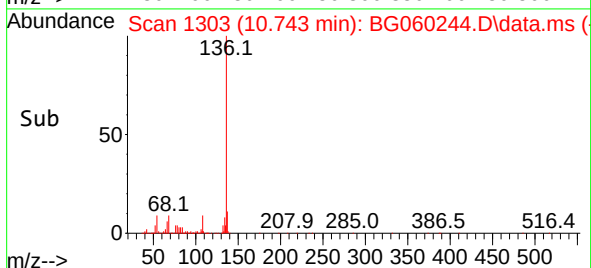
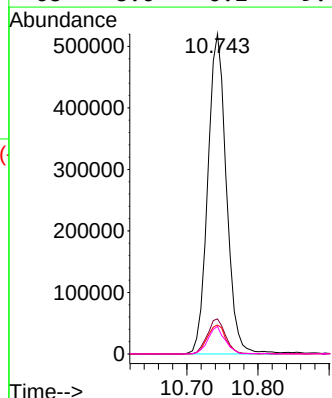
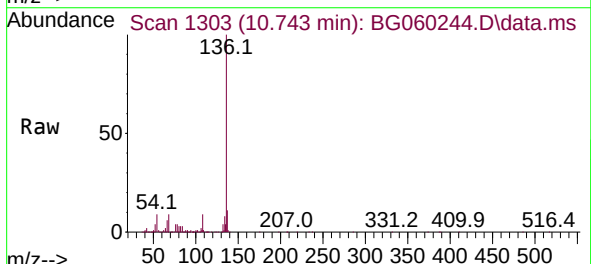
Instrument :
BNA_G
ClientSampleId :
PB158159BL

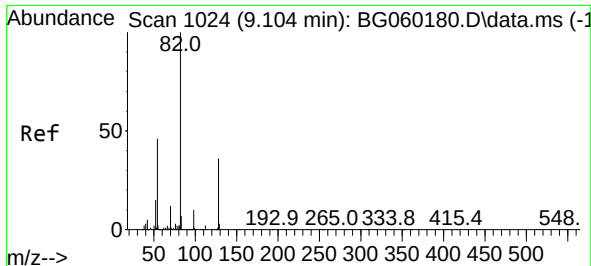
Tgt Ion: 99 Resp: 3255519
Ion Ratio Lower Upper
99 100
42 15.0 12.5 18.7
71 29.9 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG060244.D
Acq: 4 Jan 2024 14:18

Tgt Ion:136 Resp: 943306
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 9.0 7.4 11.2
68 8.6 6.2 9.4





#23

Nitrobenzene-d5

Concen: 94.235 ng

RT: 9.098 min Scan# 1023

Delta R.T. -0.007 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Instrument :

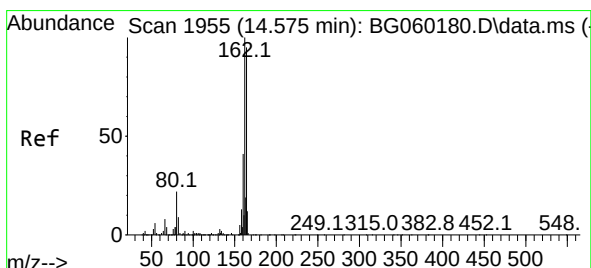
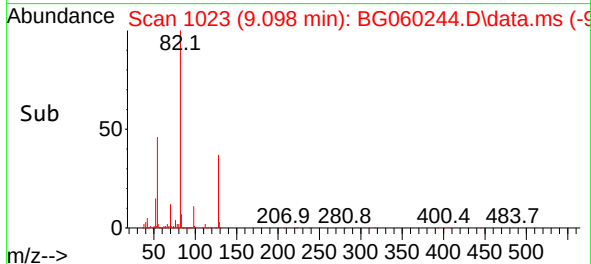
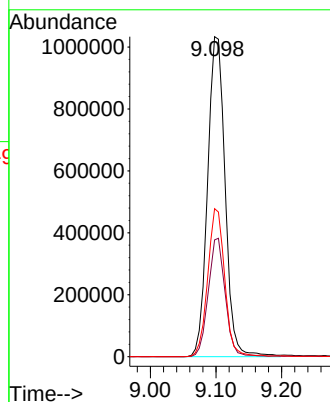
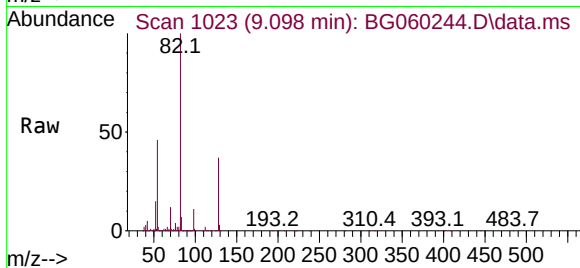
BNA_G

ClientSampleId :

PB158159BL

Tgt Ion: 82 Resp: 1924501

Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.7	43.1
54	46.2	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1955

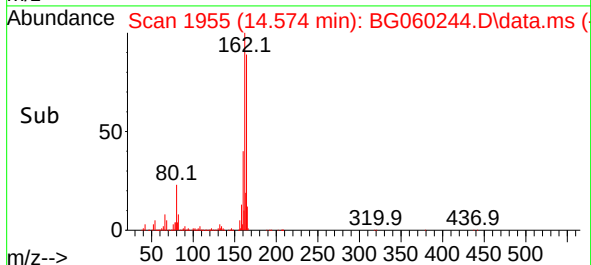
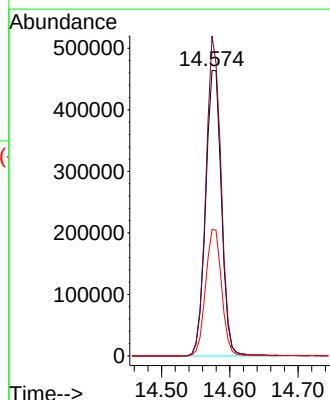
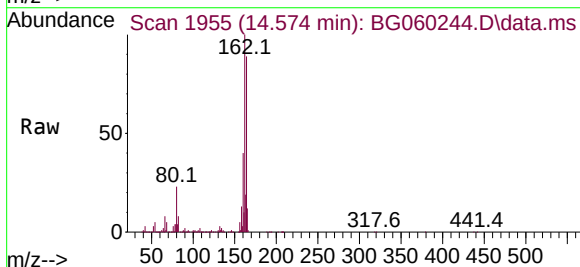
Delta R.T. -0.001 min

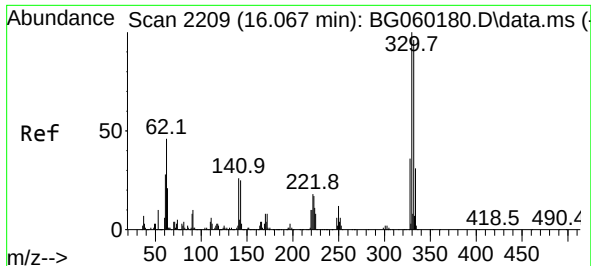
Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Tgt Ion:164 Resp: 745920

Ion	Ratio	Lower	Upper
164	100		
162	112.1	83.9	125.9
160	44.3	34.2	51.4

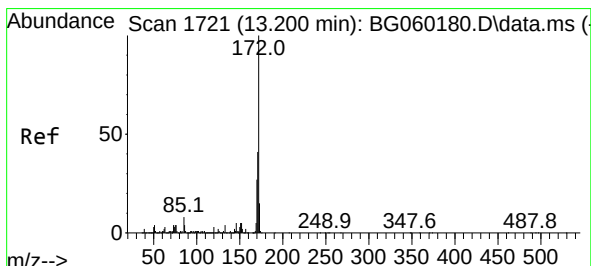
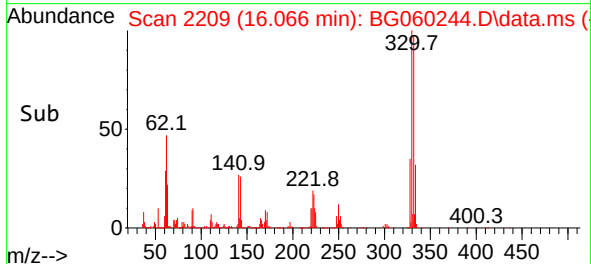
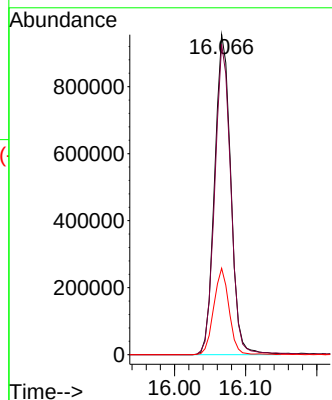
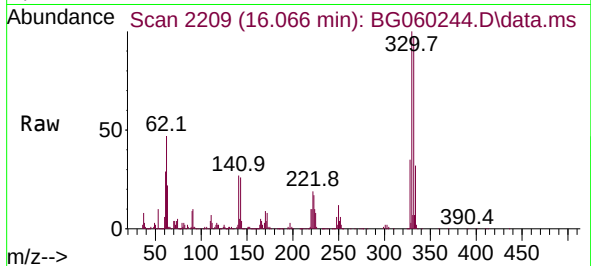




#42
2,4,6-Tribromophenol
Concen: 150.550 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060244.D
Acq: 4 Jan 2024 14:18

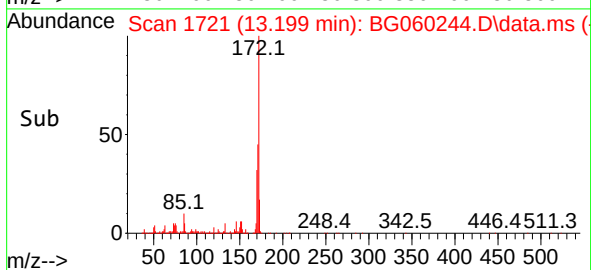
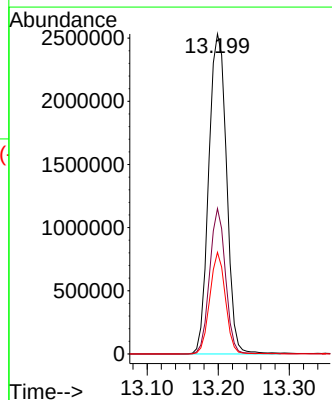
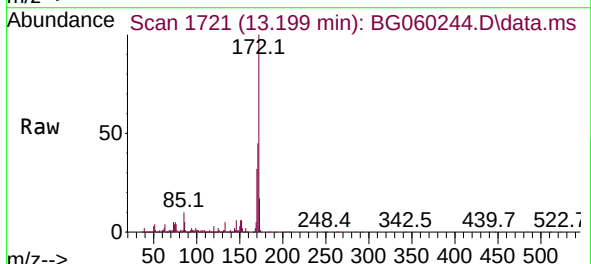
Instrument :
BNA_G
ClientSampleId :
PB158159BL

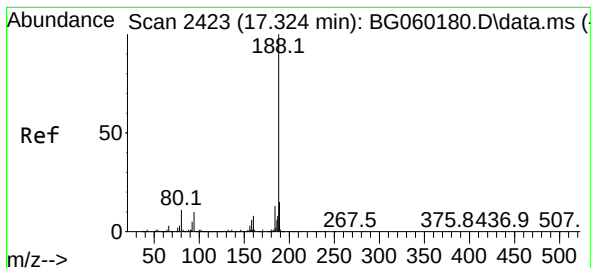
Tgt Ion:330 Resp: 1503228
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 25.6 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 84.850 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060244.D
Acq: 4 Jan 2024 14:18

Tgt Ion:172 Resp: 4403745
Ion Ratio Lower Upper
172 100
171 45.4 32.6 48.8
170 31.8 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

PB158159BL

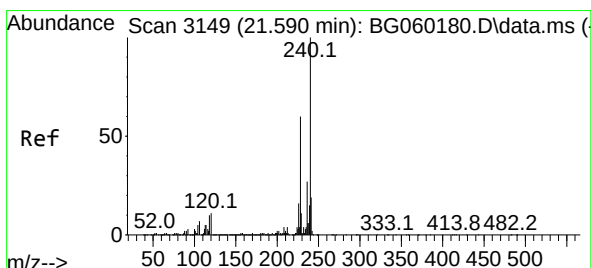
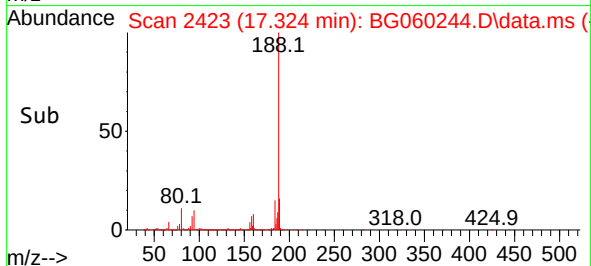
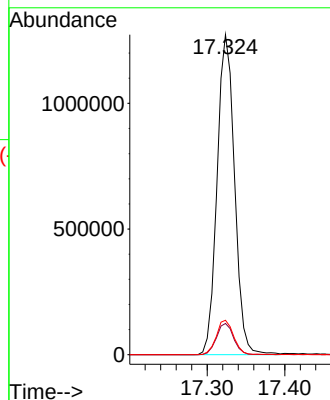
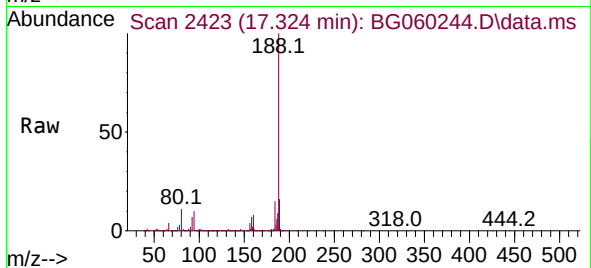
Tgt Ion:188 Resp: 1995874

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

80 10.8 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3149

Delta R.T. -0.001 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

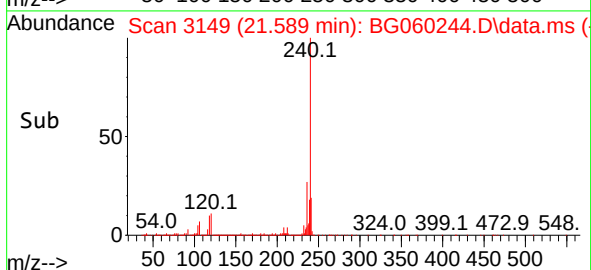
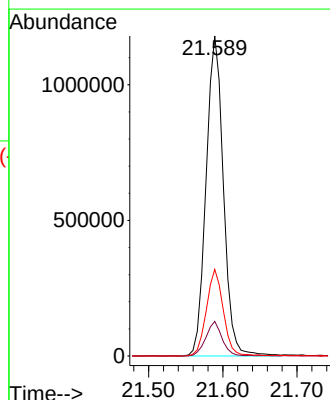
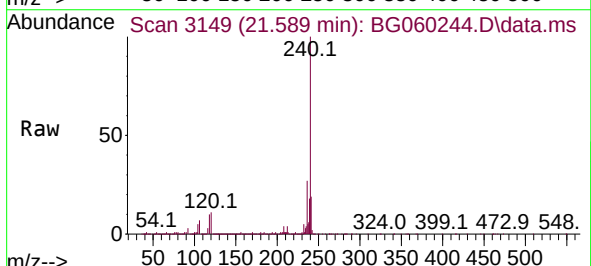
Tgt Ion:240 Resp: 1916257

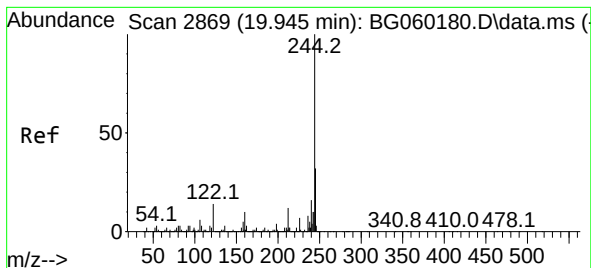
Ion Ratio Lower Upper

240 100

120 10.8 8.5 12.7

236 27.0 21.4 32.2





#79

Terphenyl-d14

Concen: 62.985 ng

RT: 19.944 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

PB158159BL

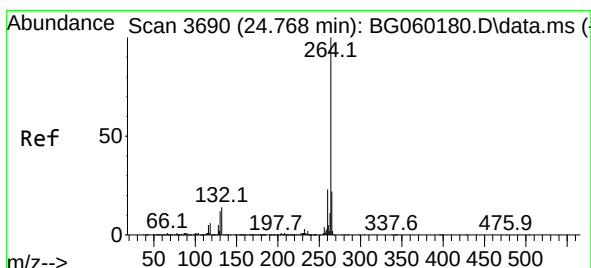
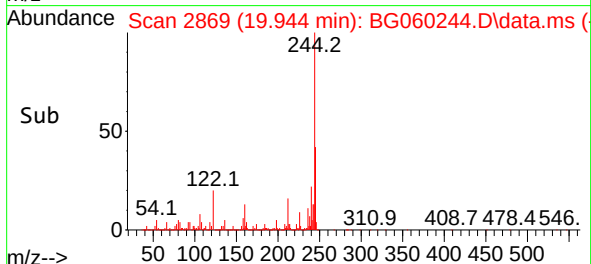
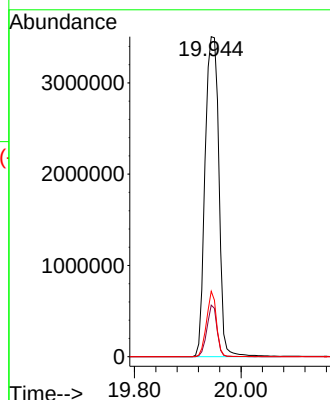
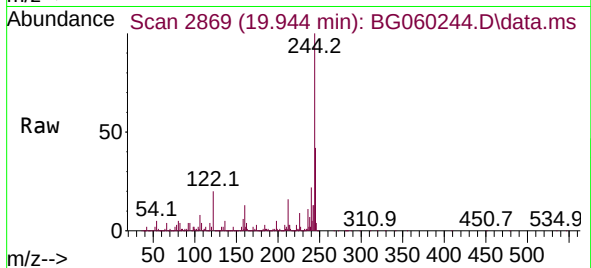
Tgt Ion:244 Resp: 6278078

Ion Ratio Lower Upper

244 100

212 16.1 9.5 14.3#

122 20.4 11.4 17.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 3690

Delta R.T. -0.001 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Tgt Ion:264 Resp: 2161366

Ion Ratio Lower Upper

264 100

260 22.4 18.0 27.0

265 21.2 17.4 26.0

