

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)

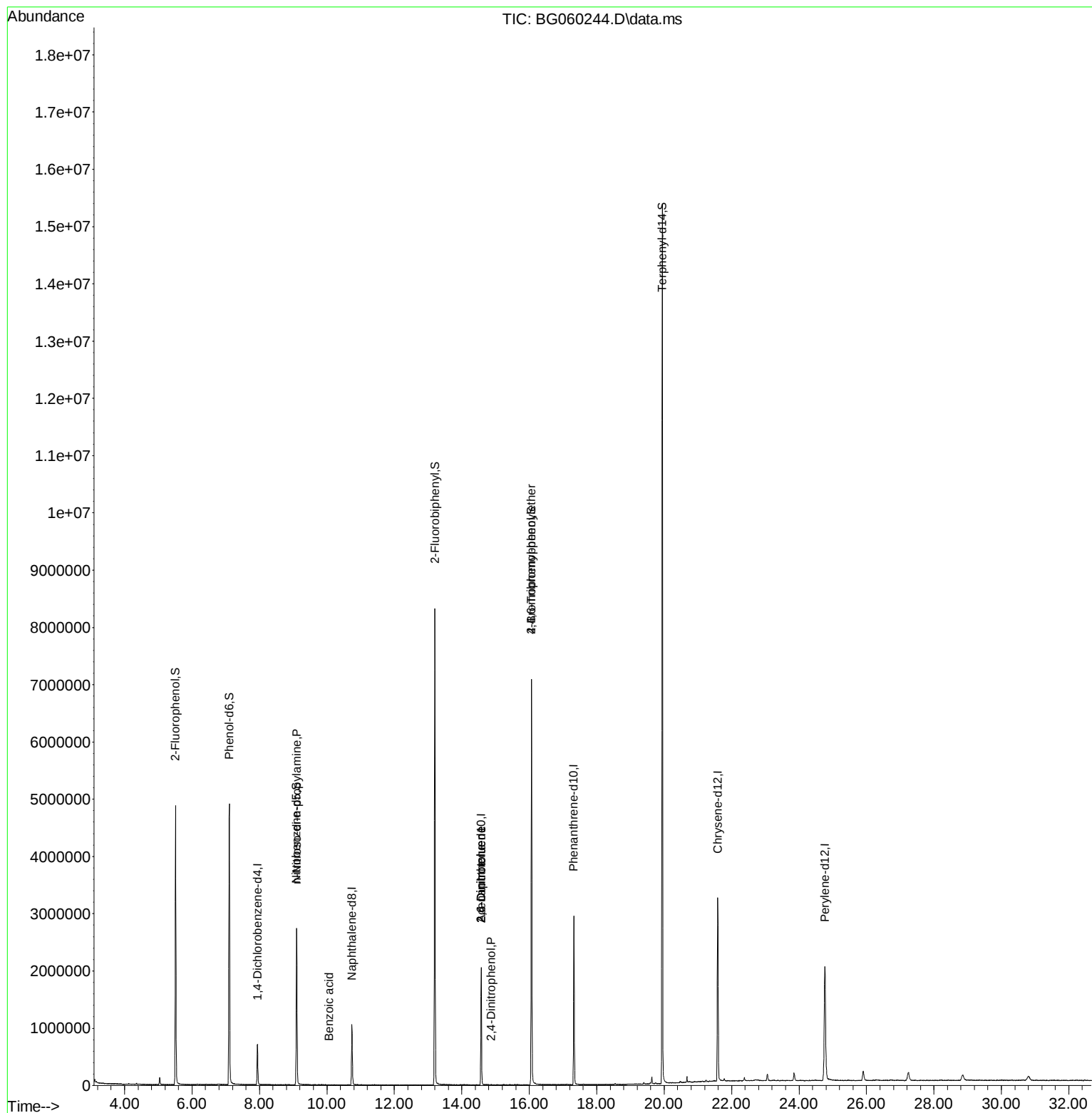
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	218555	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	943306	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	745920	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1995874	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1916257	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	9.104	70	232973	15.862	ng	# 80
32) Benzoic acid	10.067	122	57	10.275	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	100240	8.368	ng	# 30
54) 2,4-Dinitrophenol	14.868	184	85	8.247	ng	# 44
57) 2,4-Dinitrotoluene	14.574	165	100240	6.154	ng	# 27
67) 4-Bromophenyl-phenylether	16.066	248	90702	4.286	ng	# 1

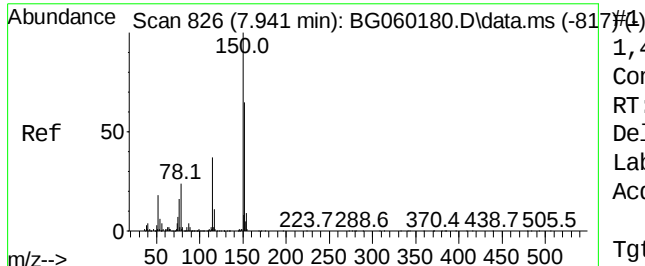
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.940 min Scan# 826

Delta R.T. -0.001 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

PB158159BL

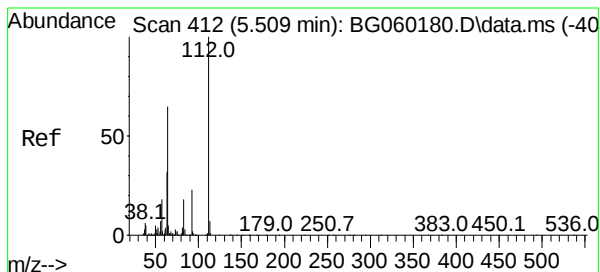
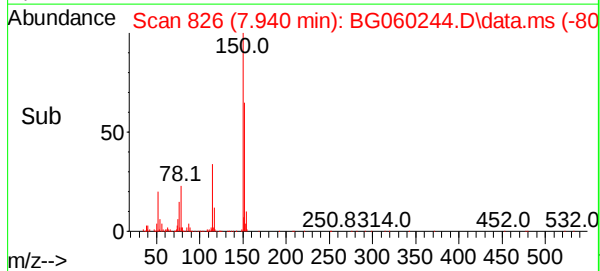
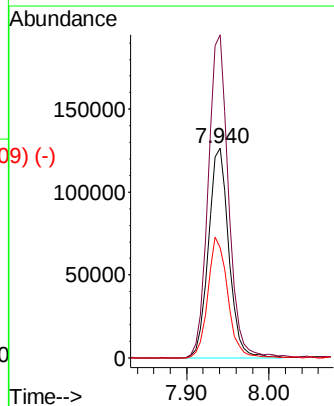
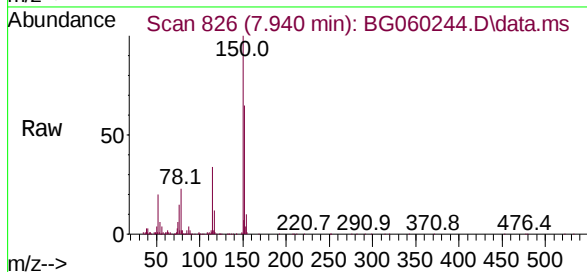
Tgt Ion:152 Resp: 218555

Ion Ratio Lower Upper

152 100

150 153.8 123.4 185.0

115 52.4 45.4 68.0



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

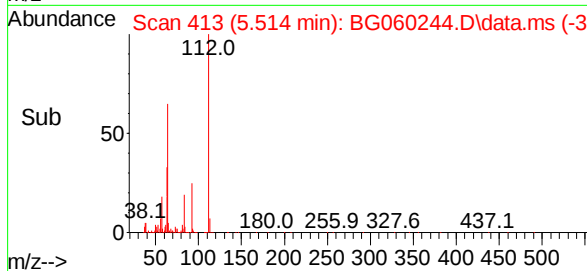
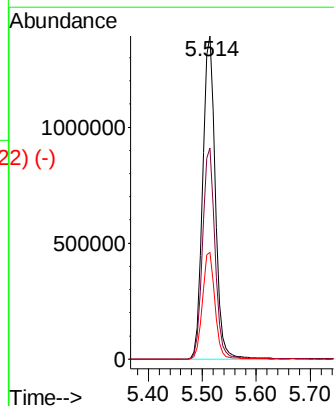
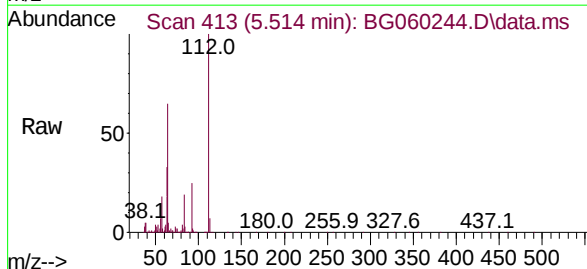
Tgt Ion:112 Resp: 2245072

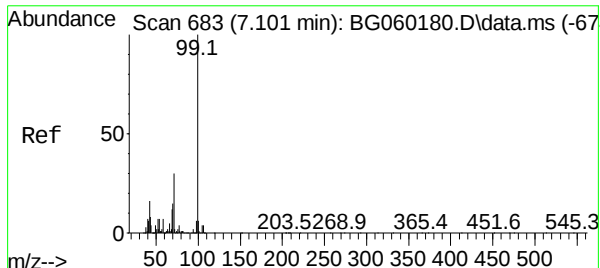
Ion Ratio Lower Upper

112 100

64 65.3 52.2 78.4

63 33.0 25.4 38.0





Phenol-d6

Concen: 151.422 ng

RT: 7.106 min Scan#

Delta R.T. 0.005 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

PB158159BL

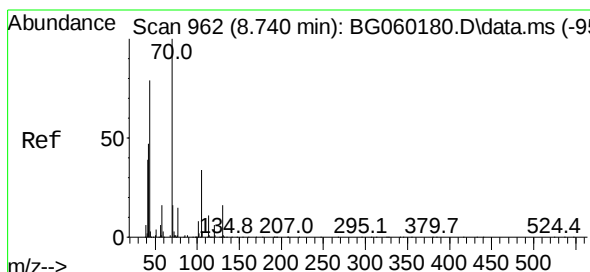
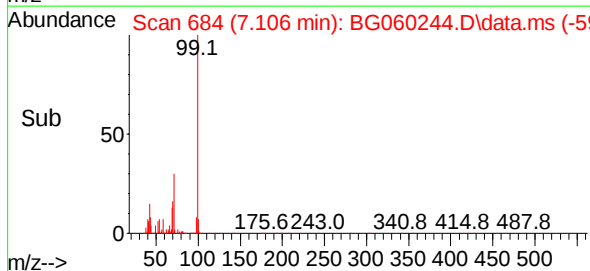
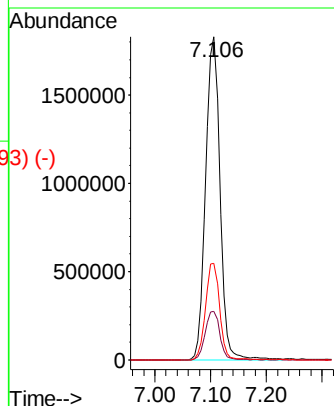
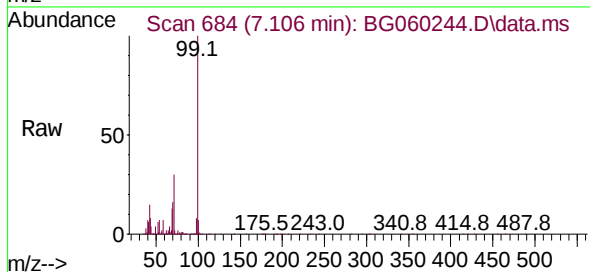
Tgt Ion: 99 Resp: 3255519

Ion Ratio Lower Upper

99 100

42 15.0 12.5 18.7

71 29.9 24.1 36.1



n-Nitroso-di-n-propylamine

Concen: 15.862 ng

RT: 9.104 min Scan# 1024

Delta R.T. 0.364 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Tgt Ion: 70 Resp: 232973

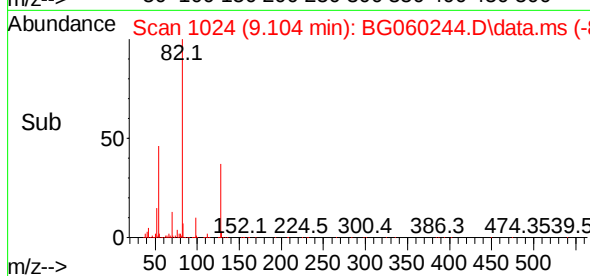
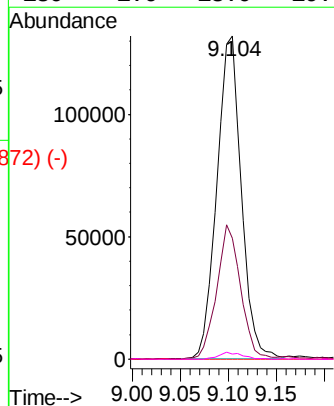
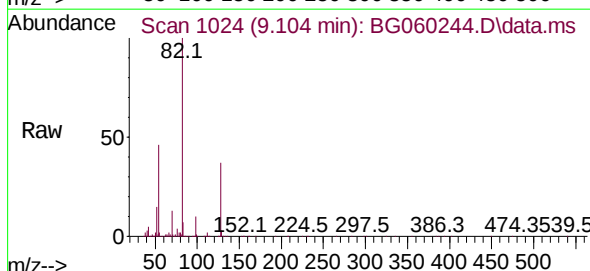
Ion Ratio Lower Upper

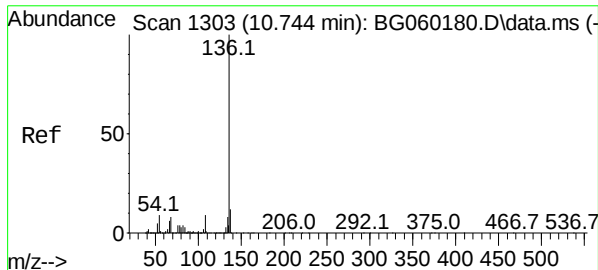
70 100

42 37.5 37.9 56.9#

101 0.0 6.2 9.2#

130 1.6 13.0 19.4#





Naphthalene-d8

Concen: 20.000 ng

RT: 10.743 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

PB158159BL

Tgt Ion:136 Resp: 943306

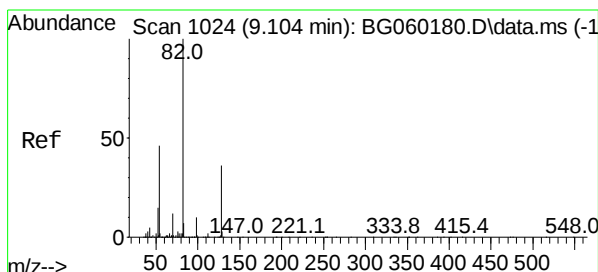
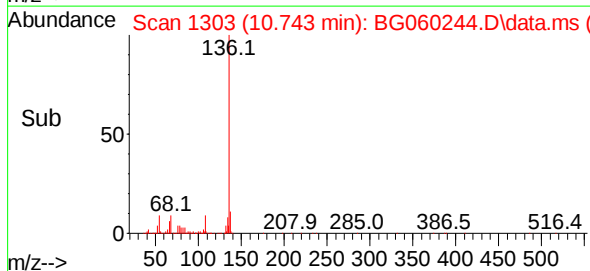
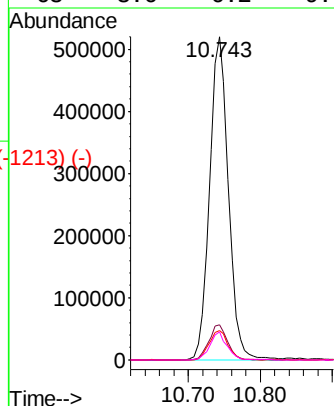
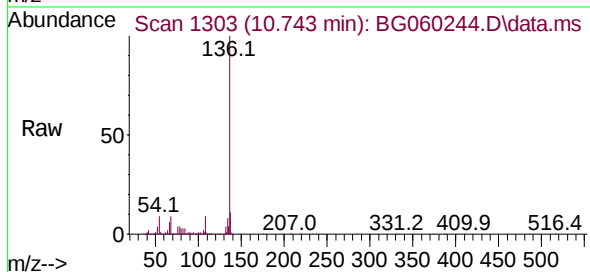
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.0

54 9.0 7.4 11.2

68 8.6 6.2 9.4



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

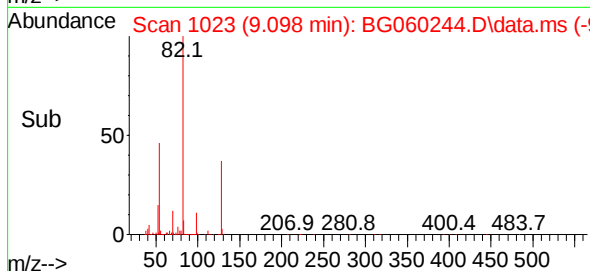
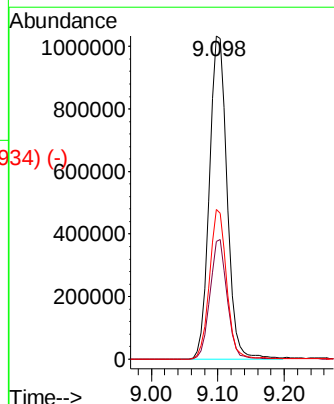
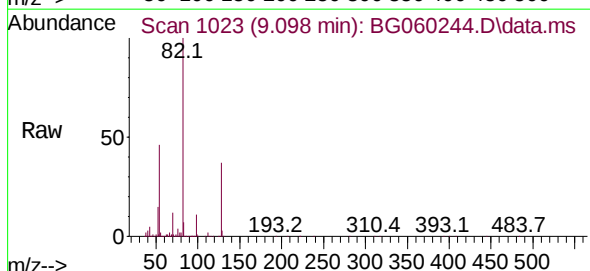
Tgt Ion: 82 Resp: 1924501

Ion Ratio Lower Upper

82 100

128 36.5 28.7 43.1

54 46.2 36.9 55.3



Abundance Scan 1184 (10.045 min): BG060180.D\data.ms (-1184) (-)

Benzoic acid

Concen: 10.275 ng

RT: 10.067 min Scan# 1184

Delta R.T. 0.022 min

Lab File: BG060244.D

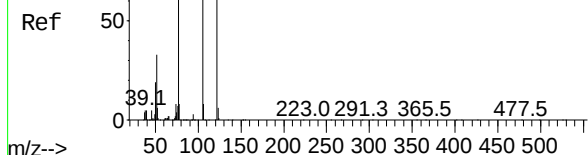
Acq: 4 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

PB158159BL



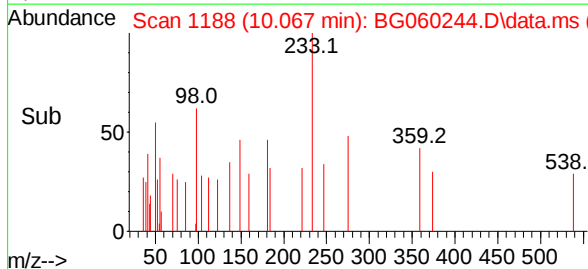
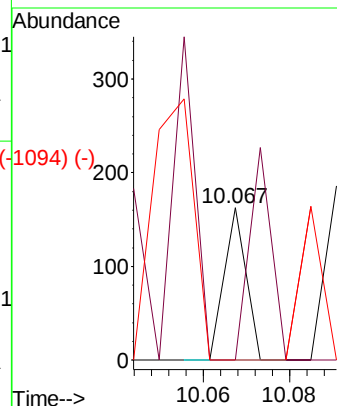
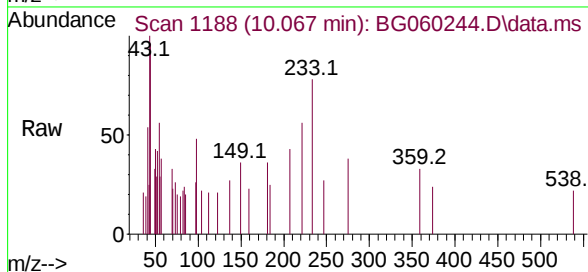
Tgt Ion:122 Resp: 57

Ion Ratio Lower Upper

122 100

105 0.0 99.2 139.2#

77 0.0 81.0 121.0#



Abundance Scan 1955 (14.575 min): BG060180.D\data.ms (-1955) (-)

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

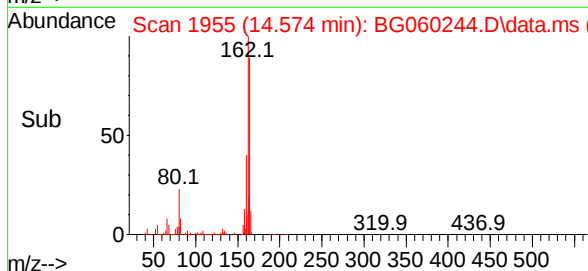
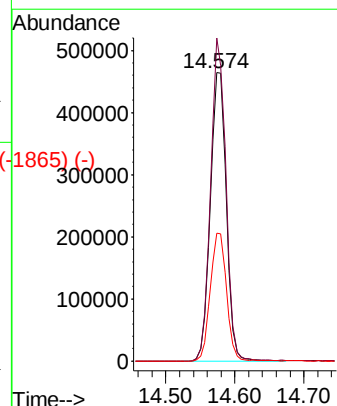
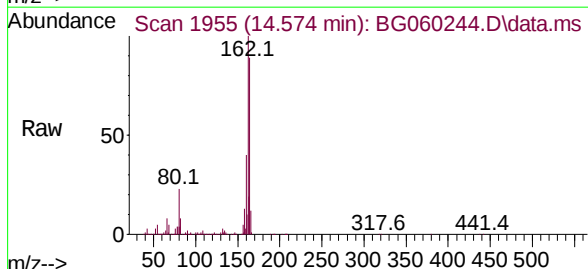
Tgt Ion:164 Resp: 745920

Ion Ratio Lower Upper

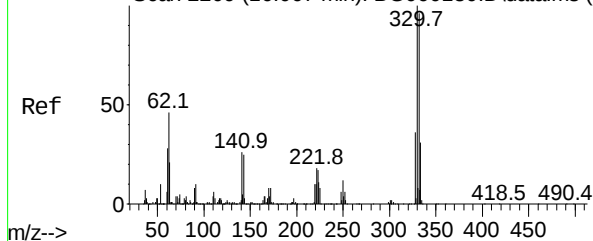
164 100

162 112.1 83.9 125.9

160 44.3 34.2 51.4



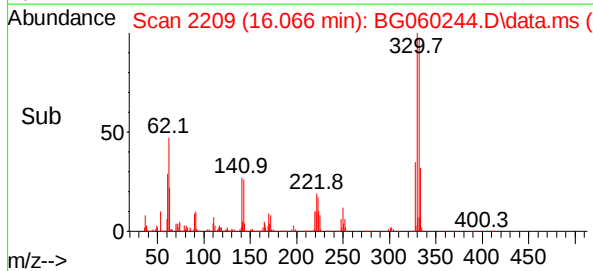
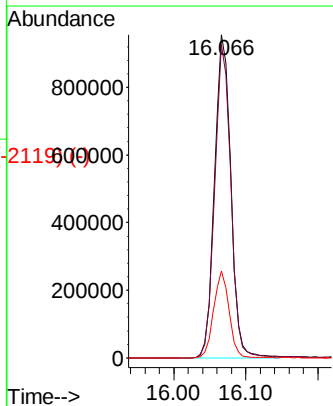
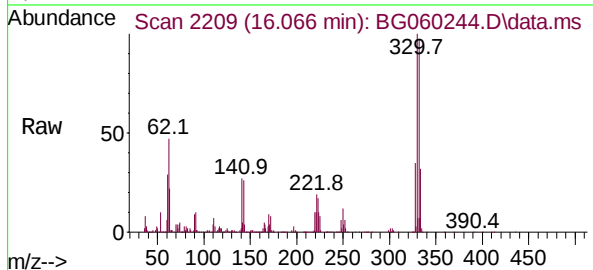
Abundance Scan 2209 (16.067 min): BG060180.D\data.ms (-2209) (-)



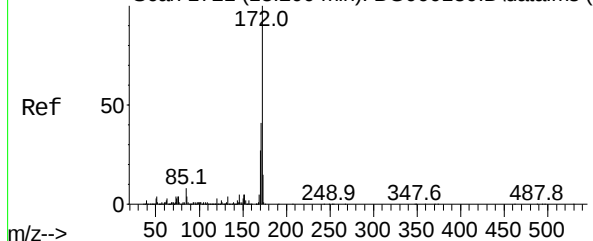
2,4,6-Tribromophenol
Concen: 150.550 ng
RT: 16.066 min Scan# 2209
Delta R.T. -0.001 min
Lab File: BG060244.D
Acq: 4 Jan 2024 14:18

Instrument :
BNA_G
ClientSampleId :
PB158159BL

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

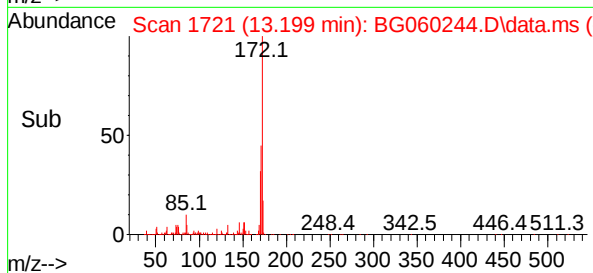
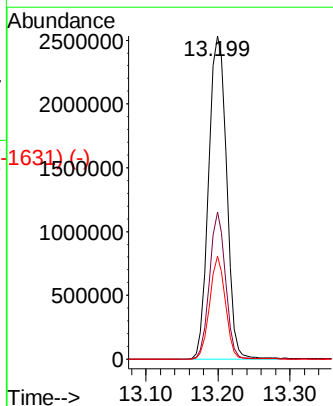
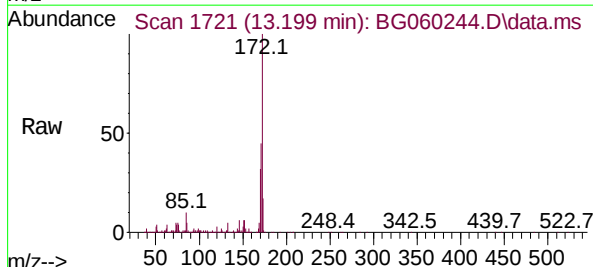


Abundance Scan 1721 (13.200 min): BG060180.D\data.ms (-1721) (-)

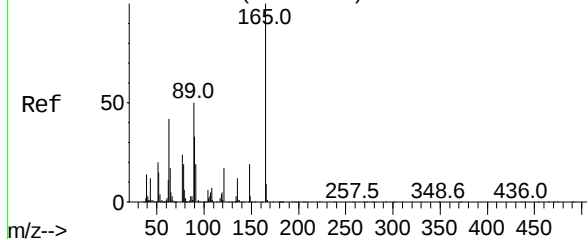


2-Fluorobiphenyl
Concen: 84.850 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060244.D
Acq: 4 Jan 2024 14:18

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



Abundance Scan 1883 (14.152 min): BG060180.D\data.ms (-1754) (-)



2,6-Dinitrotoluene

Concen: 8.368 ng

RT: 14.574 min Scan# 1

Delta R.T. 0.422 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

PB158159BL

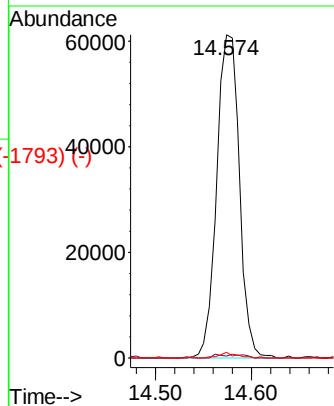
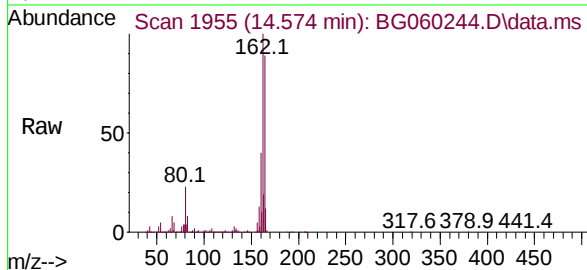
Tgt Ion:165 Resp: 100240

Ion Ratio Lower Upper

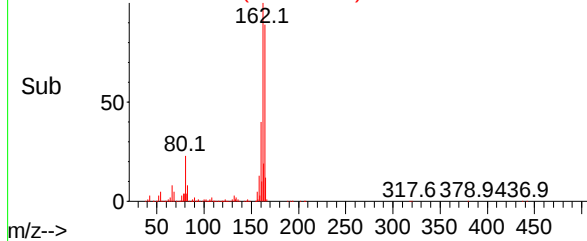
165 100

63 0.6 39.3 58.9#

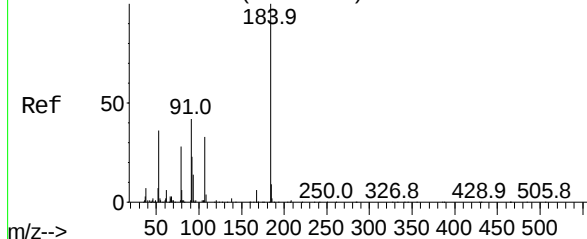
89 1.8 39.8 59.8#



Abundance Scan 1955 (14.574 min): BG060244.D\data.ms (-1793) (-)



Abundance Scan 1973 (14.680 min): BG060180.D\data.ms (-1954) (-)



2,4-Dinitrophenol

Concen: 8.247 ng

RT: 14.868 min Scan# 2005

Delta R.T. 0.188 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

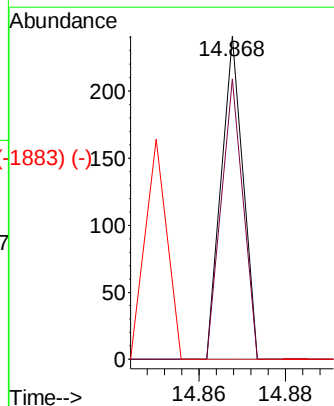
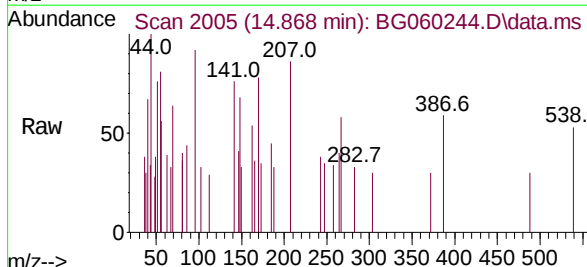
Tgt Ion:184 Resp: 85

Ion Ratio Lower Upper

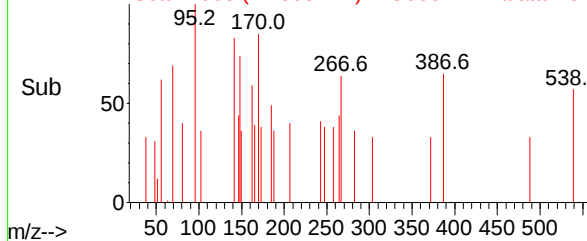
184 100

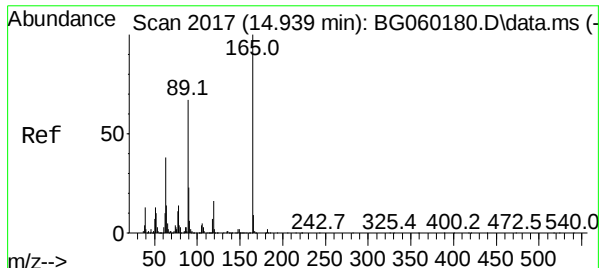
63 86.7 45.4 68.2#

154 0.0 40.0 60.0#



Abundance Scan 2005 (14.868 min): BG060244.D\data.ms (-1883) (-)





2,4-Dinitrotoluene

Concen: 6.154 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.365 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

PB158159BL

Tgt Ion:165 Resp: 100240

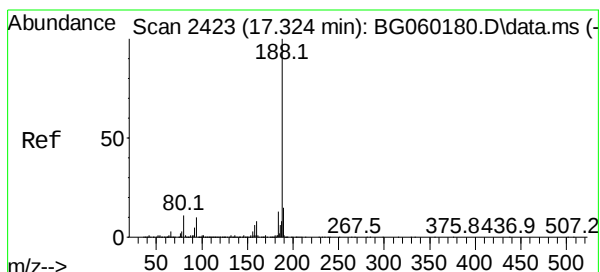
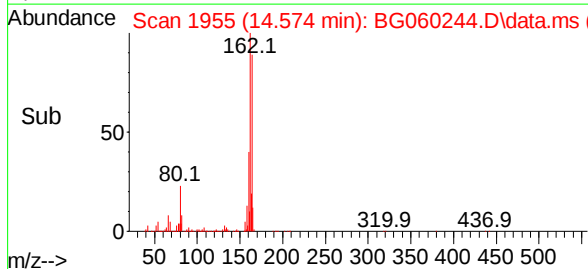
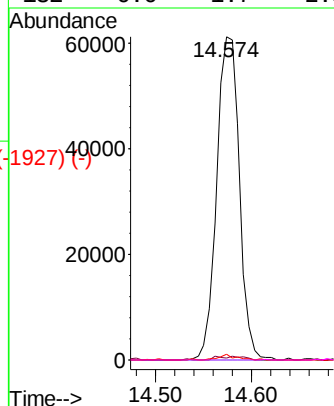
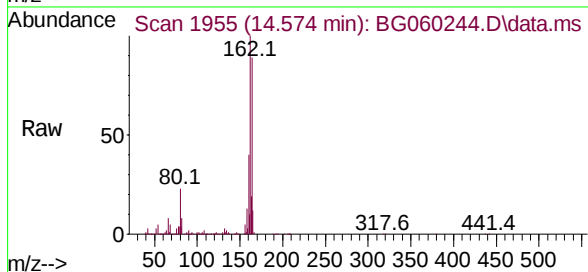
Ion Ratio Lower Upper

165 100

63 0.6 31.0 46.6#

89 1.8 53.3 79.9#

182 0.0 1.7 2.5#



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.001 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

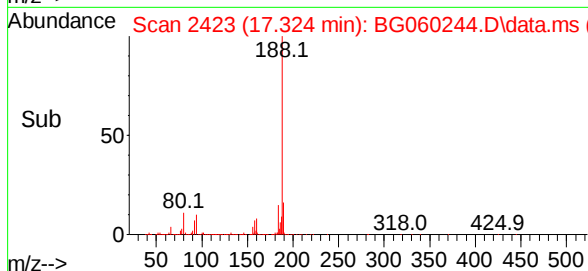
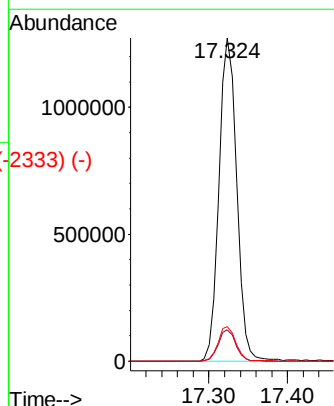
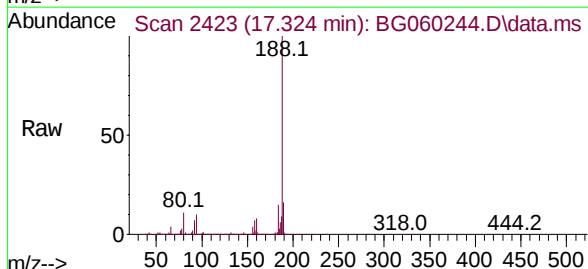
Tgt Ion:188 Resp: 1995874

Ion Ratio Lower Upper

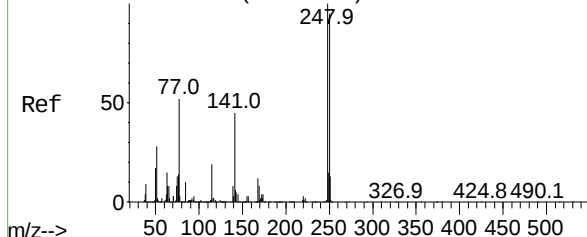
188 100

94 9.8 7.8 11.6

80 10.8 8.6 13.0



Abundance Scan 2285 (16.513 min): BG060180.D\data.ms (-2285) (-)



4-Bromophenyl-phenylether

Concen: 4.286 ng

RT: 16.066 min Scan# 2195

Delta R.T. -0.447 min

Lab File: BG060244.D

Acq: 4 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

PB158159BL

Tgt Ion:248 Resp: 90702

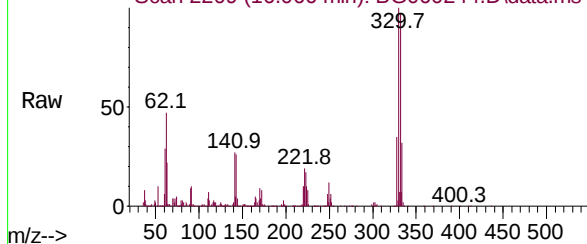
Ion Ratio Lower Upper

248 100

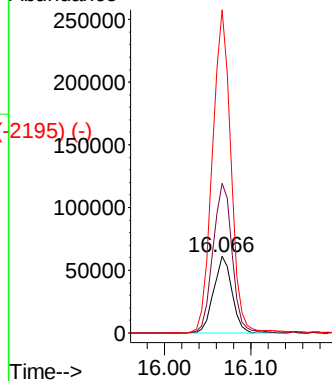
250 195.4 76.2 114.4#

141 422.0 36.0 54.0#

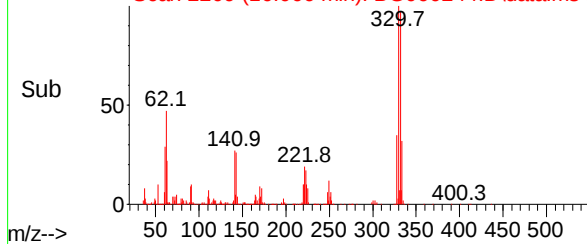
Abundance Scan 2209 (16.066 min): BG060244.D\data.ms



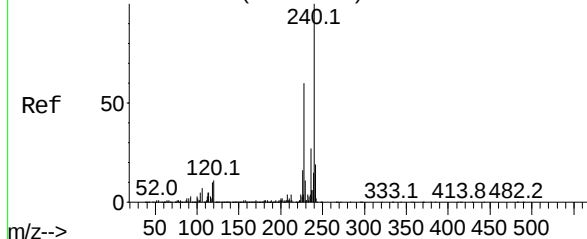
Abundance



Abundance Scan 2209 (16.066 min): BG060244.D\data.ms (-2195) (-)



Abundance Scan 3149 (21.590 min): BG060180.D\data.ms (-3149) (-)



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

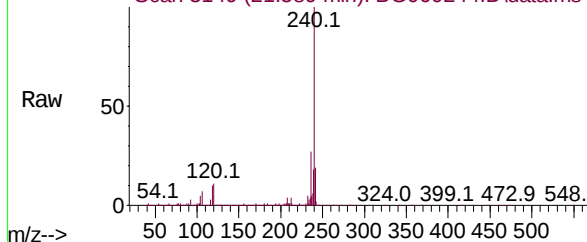
Ion Ratio Lower Upper

240 100

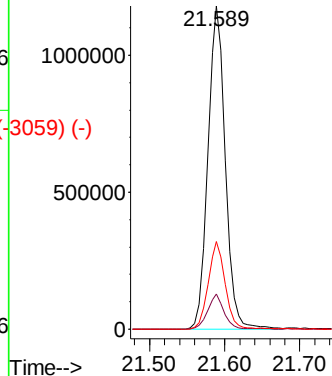
120 10.8 8.5 12.7

236 27.0 21.4 32.2

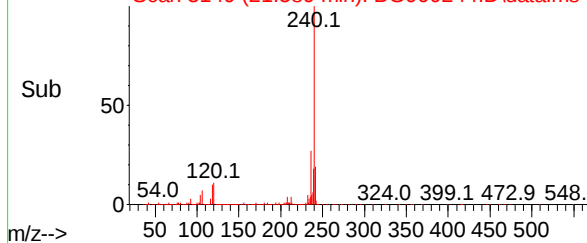
Abundance Scan 3149 (21.589 min): BG060244.D\data.ms



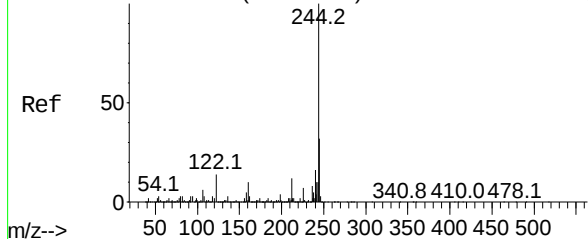
Abundance



Abundance Scan 3149 (21.589 min): BG060244.D\data.ms (-3059) (-)



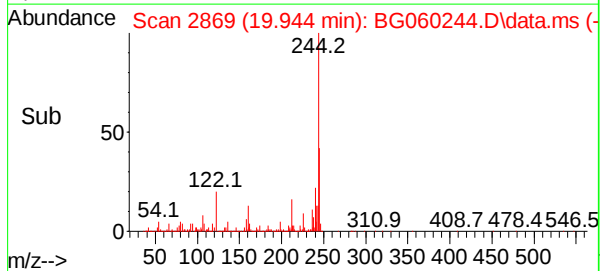
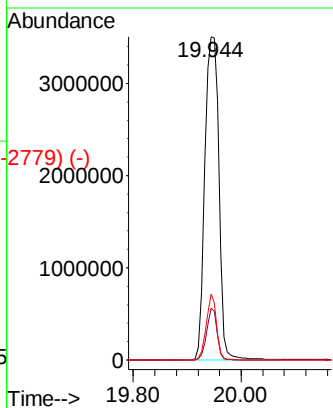
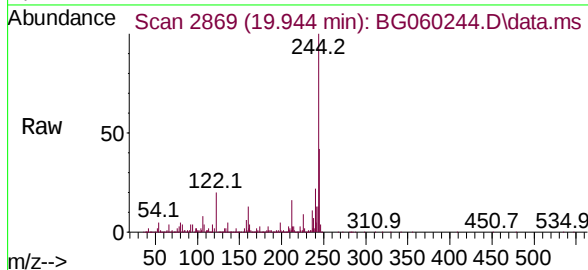
Abundance Scan 2869 (19.945 min): BG060180.D\data.ms (-2779) (-)



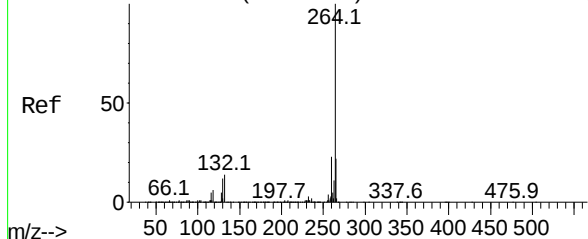
Terphenyl-d14
Concen: 62.985 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.001 min
Lab File: BG060244.D
Acq: 4 Jan 2024 14:18

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#



Abundance Scan 3690 (24.768 min): BG060180.D\data.ms (-3626) (-)



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

