

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051163.D
 Acq On : 21 Nov 2021 1:28
 Operator : CG/JU
 Sample : M4768-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Nov 22 01:28:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

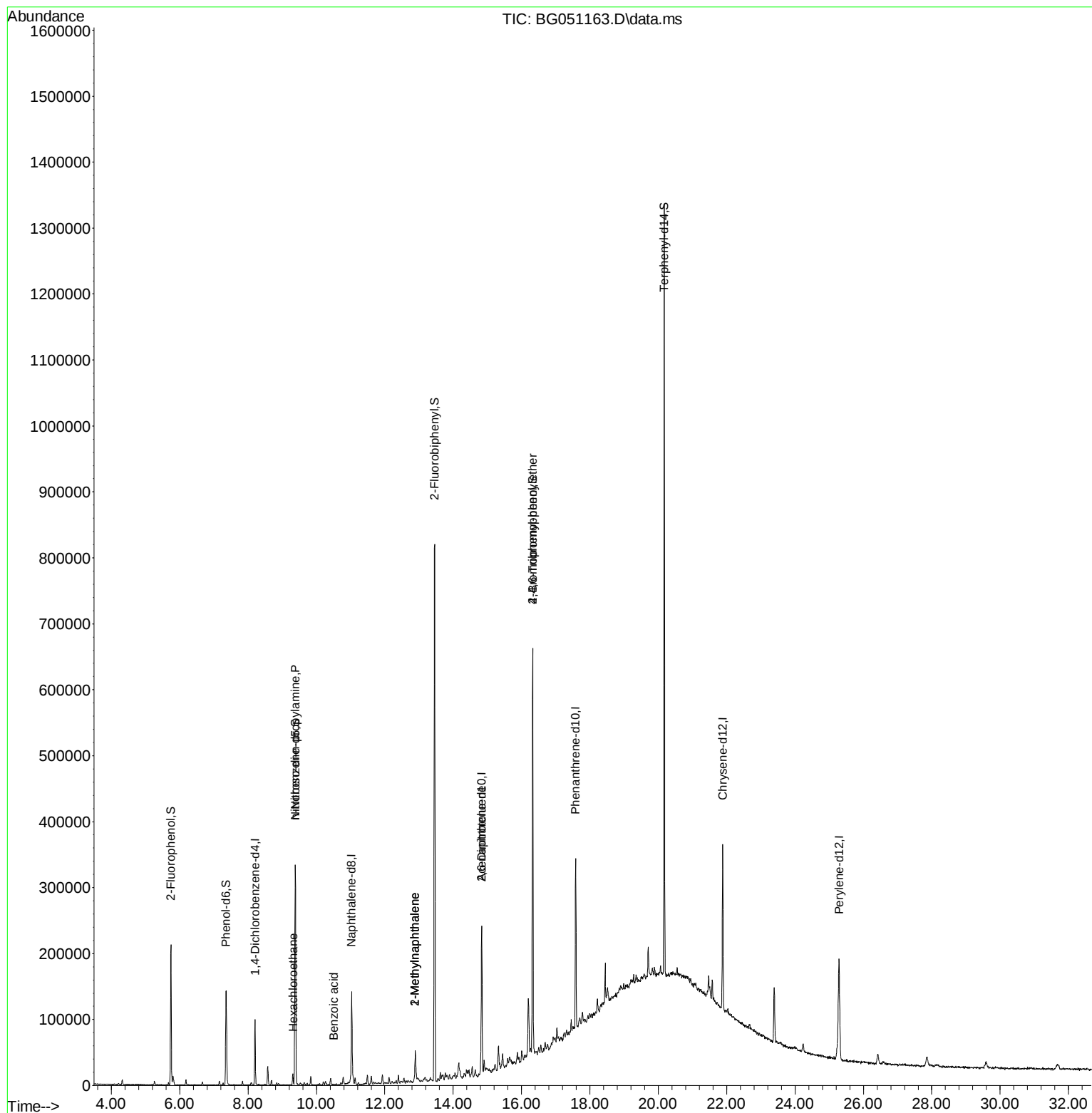
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	28060	20.00	ng	0.00
21) Naphthalene-d8	11.031	136	116265	20.00	ng	# 0.00
39) Acenaphthene-d10	14.833	164	77783	20.00	ng	0.00
64) Phenanthrene-d10	17.583	188	162217	20.00	ng	# 0.00
76) Chrysene-d12	21.883	240	159787	20.00	ng	# 0.00
86) Perylene-d12	25.285	264	160613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	95884	52.82	ng	0.00
7) Phenol-d6	7.353	99	87034	34.04	ng	-0.01
23) Nitrobenzene-d5	9.380	82	213343	83.76	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	101580	122.87	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	422672	82.00	ng	0.00
79) Terphenyl-d14	20.174	244	538142	61.57	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.316	117	3915	4.96	ng	# 23
19) n-Nitroso-di-n-propyla...	9.380	70	29868	15.83	ng	# 67
32) Benzoic acid	10.503	122	54	4.23	ng	# 1
37) 2-Methylnaphthalene	12.888	142	20056	4.61	ng	92
38) 1-Methylnaphthalene	12.888	142	20056	4.73	ng	92
51) 2,6-Dinitrotoluene	14.833	165	10158	8.12	ng	# 16
67) 4-Bromophenyl-phenylether	16.325	248	7548	4.30	ng	# 1

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

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Abundance Scan 804 (8.211 min): BG051122.D\data.ms (-796) #4

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.205 min Scan# 8

Delta R.T. -0.006 min

Lab File: BG051163.D

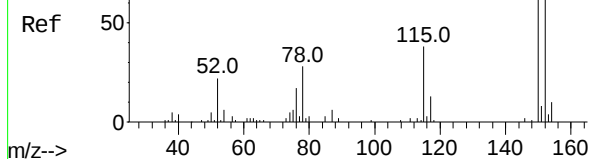
Acq: 21 Nov 2021 1:28

Instrument :

BNA_G

ClientSampleId :

MW-1



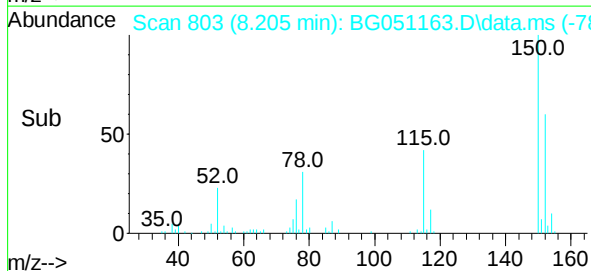
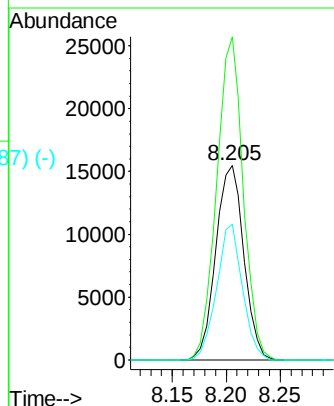
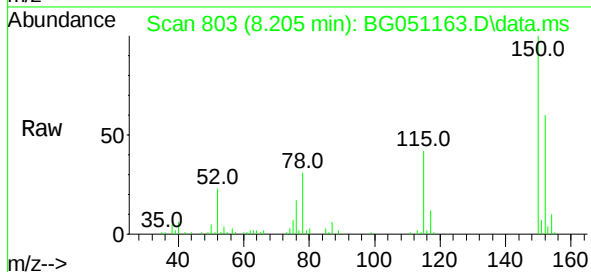
Tgt Ion:152 Resp: 28060

Ion Ratio Lower Upper

152 100

150 166.1 119.4 179.0

115 69.6 60.2 90.4



Abundance Scan 384 (5.743 min): BG051122.D\data.ms (-377) #5

2-Fluorophenol

Concen: 52.82 ng

RT: 5.744 min Scan# 384

Delta R.T. 0.000 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

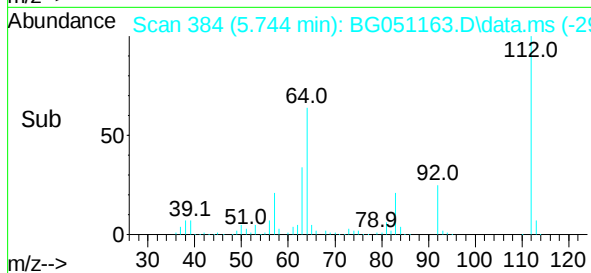
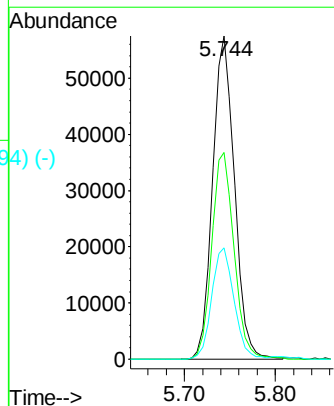
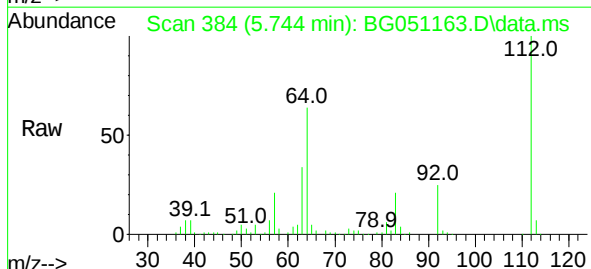
Tgt Ion:112 Resp: 95884

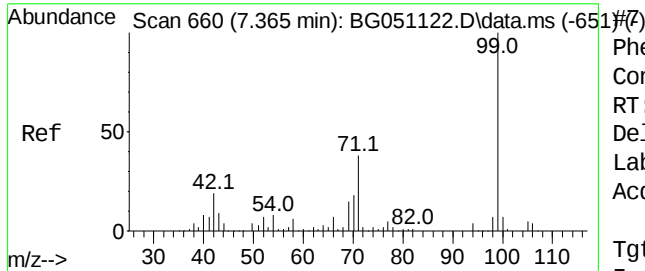
Ion Ratio Lower Upper

112 100

64 64.0 46.7 70.1

63 34.4 35.3 52.9#

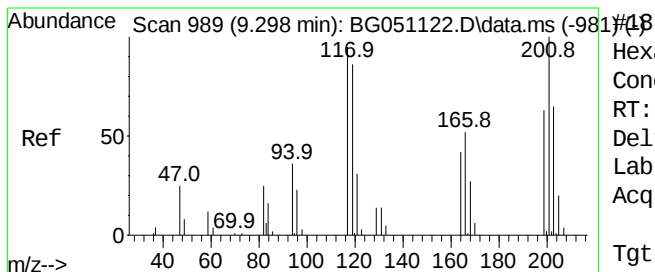
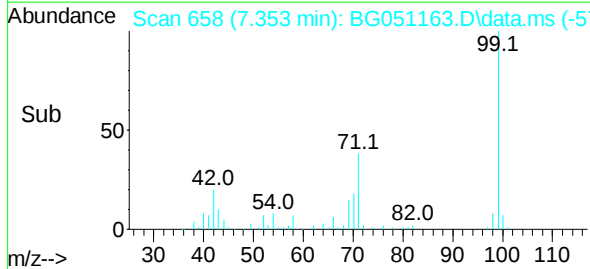
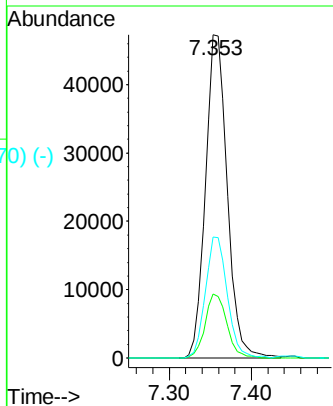
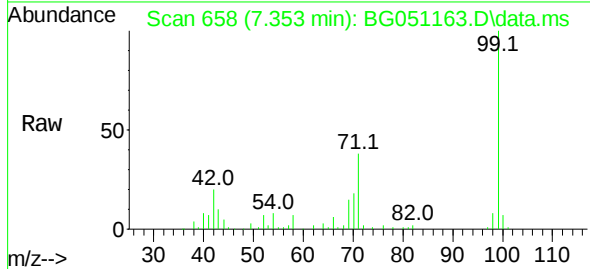




Phenol-d6
 Concen: 34.04 ng
 RT: 7.353 min Scan# 658
 Delta R.T. -0.011 min
 Lab File: BG051163.D
 Acq: 21 Nov 2021 1:28

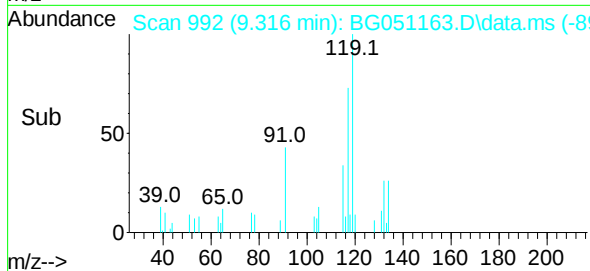
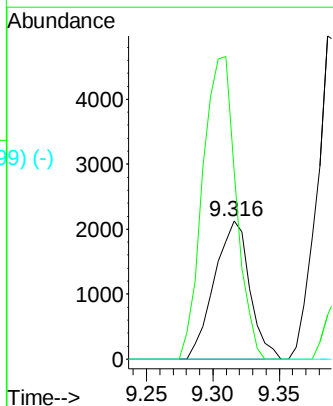
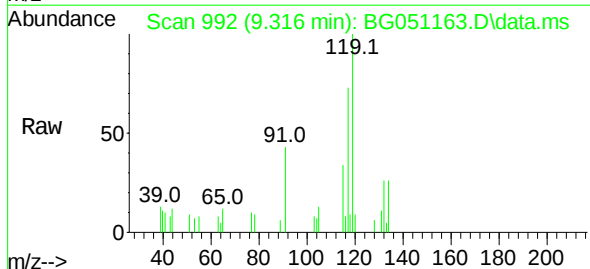
Instrument :
 BNA_G
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Tgt Ion:	99	Resp:	87034
Ion	Ratio	Lower	Upper
99	100		
42	19.7	20.5	30.7#
71	37.5	41.5	62.3#



Hexachloroethane
 Concen: 4.96 ng
 RT: 9.316 min Scan# 992
 Delta R.T. 0.018 min
 Lab File: BG051163.D
 Acq: 21 Nov 2021 1:28

Tgt Ion:	117	Resp:	3915
Ion	Ratio	Lower	Upper
117	100		
119	136.1	74.4	111.6#
201	0.0	88.6	133.0#



Abundance Scan 940 (9.010 min): BG051122.D\data.ms (-932) #19

n-Nitroso-di-n-propylamine

Concen: 15.83 ng

RT: 9.380 min Scan# 1

Delta R.T. 0.370 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Instrument :

BNA_G

ClientSampleId :

MW-1

Tgt Ion: 70 Resp: 29868

Ion Ratio Lower Upper

70 100

42 43.1 54.5 81.7#

101 0.0 9.0 13.6#

130 2.1 17.0 25.6#

Abundance Scan 1003 (9.380 min): BG051163.D\data.ms

Ref

50

43.0 70.1

101.1 130.1

207.0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 1003 (9.380 min): BG051163.D\data.ms (-850) (-)

Raw

50

54.0 82.1

128.0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 1003 (9.380 min): BG051163.D\data.ms (-850) (-)

Sub

50

54.0 82.1

128.0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance

15000

9.380

10000

5000

0

Time-->

9.30 9.35 9.40 9.45

Abundance Scan 1285 (11.037 min): BG051122.D\data.ms (-1225) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 11.031 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Tgt Ion: 136 Resp: 116265

Ion Ratio Lower Upper

136 100

137 11.6 8.2 12.2

54 9.3 5.5 8.3#

68 6.8 2.3 3.5#

Abundance Scan 1284 (11.031 min): BG051163.D\data.ms

Ref

50

38.0 54.0 76.0 108.1

136.1

m/z-->

40 60 80 100 120 140

Abundance Scan 1284 (11.031 min): BG051163.D\data.ms (-1195) (-)

Raw

50

38.0 54.0 76.0 108.1

136.1

m/z-->

40 60 80 100 120 140

Abundance Scan 1284 (11.031 min): BG051163.D\data.ms (-1195) (-)

Sub

50

38.0 54.0 76.0 108.1

136.1

m/z-->

40 60 80 100 120 140

Abundance

60000

11.031

40000

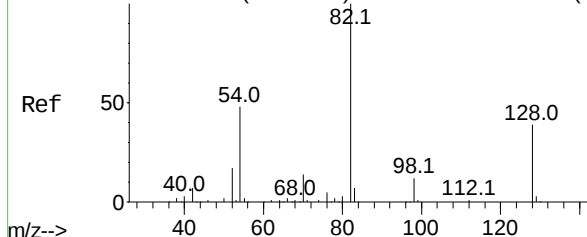
20000

0

Time-->

11.00 11.10

Abundance Scan 1004 (9.386 min): BG051122.D\data.ms (-99623)



Nitrobenzene-d5

Concen: 83.76 ng

RT: 9.380 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Instrument :

BNA_G

ClientSampleId :

MW-1

Tgt Ion: 82 Resp: 213343

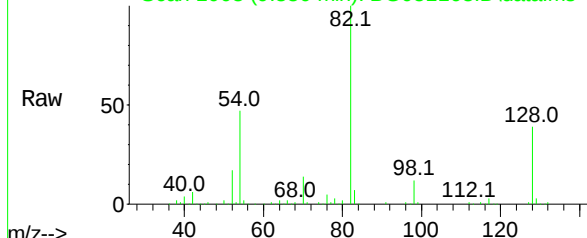
Ion Ratio Lower Upper

82 100

128 38.6 29.8 44.6

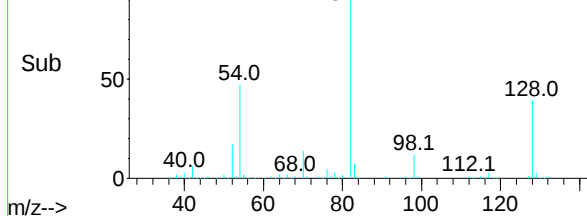
54 47.1 45.8 68.8

Abundance Scan 1003 (9.380 min): BG051163.D\data.ms

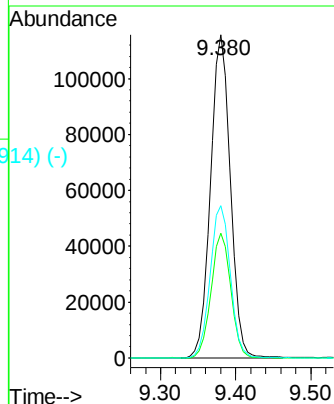


m/z-->

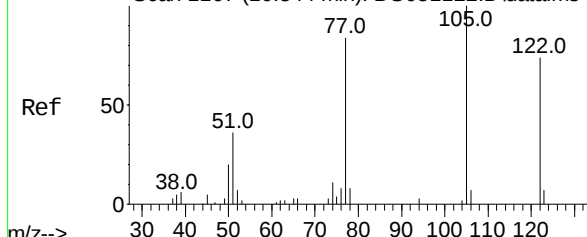
Abundance Scan 1003 (9.380 min): BG051163.D\data.ms (-914) (-)



m/z-->



Abundance Scan 1167 (10.344 min): BG051122.D\data.ms (-1136) (-)



m/z-->

Benzoic acid

Concen: 4.23 ng

RT: 10.503 min Scan# 1194

Delta R.T. 0.159 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Tgt Ion:122 Resp: 54

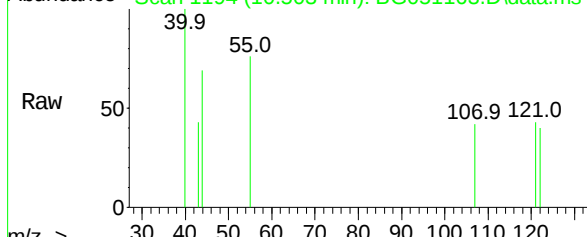
Ion Ratio Lower Upper

122 100

105 0.0 92.3 132.3#

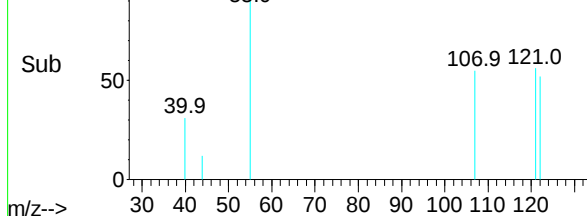
77 0.0 66.5 106.5#

Abundance Scan 1194 (10.503 min): BG051163.D\data.ms

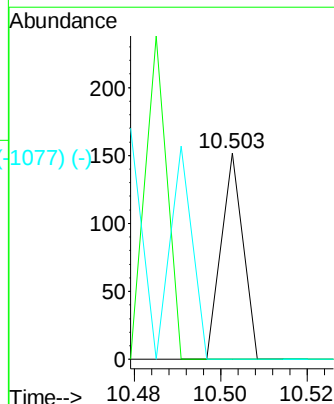


m/z-->

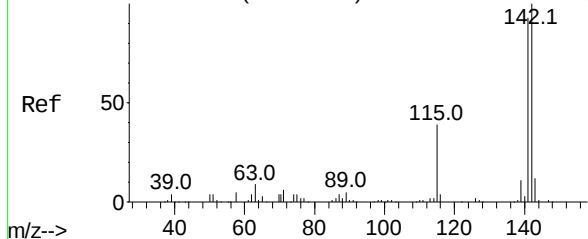
Abundance Scan 1194 (10.503 min): BG051163.D\data.ms (-1077) (-)



m/z-->



Abundance Scan 1564 (12.676 min): BG051122.D\data.ms (-1537) (-)



2-Methylnaphthalene

Concen: 4.61 ng

RT: 12.888 min Scan#

Delta R.T. 0.212 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Instrument :

BNA_G

ClientSampleId :

MW-1

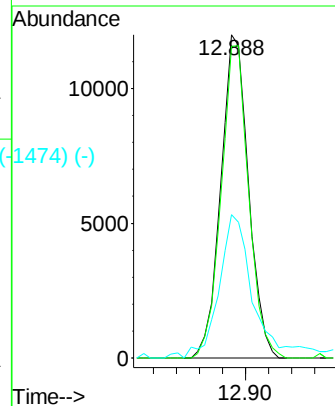
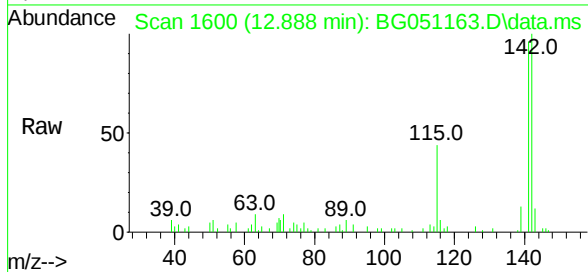
Tgt Ion:142 Resp: 20056

Ion Ratio Lower Upper

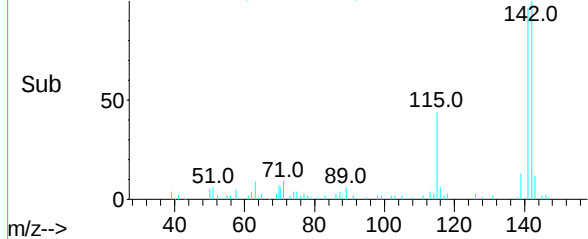
142 100

141 96.4 68.8 103.2

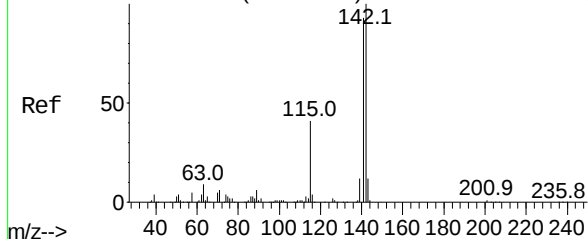
115 44.4 36.4 54.6



Abundance Scan 1600 (12.888 min): BG051163.D\data.ms (-1474) (-)



Abundance Scan 1601 (12.894 min): BG051122.D\data.ms (-1538) (-)



1-Methylnaphthalene

Concen: 4.73 ng

RT: 12.888 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

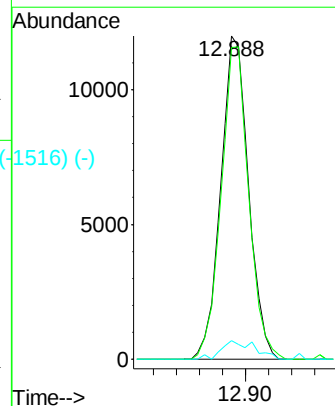
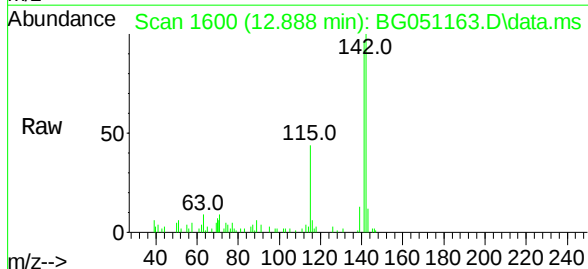
Tgt Ion:142 Resp: 20056

Ion Ratio Lower Upper

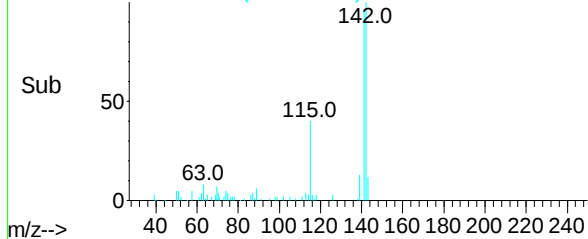
142 100

141 96.4 70.6 106.0

116 5.7 4.0 6.0



Abundance Scan 1600 (12.888 min): BG051163.D\data.ms (-1516) (-)



Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1929) (-)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.833 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Instrument :

BNA_G

ClientSampleId :

MW-1

Tgt Ion:164 Resp: 77783

Ion Ratio Lower Upper

164 100

162 104.4 81.4 122.0

160 47.4 34.9 52.3

Abundance Scan 1931 (14.833 min): BG051163.D\data.ms

Ref 50

162.1

Raw 50

80.1

54.0 104.0 132.1

m/z-->

Abundance Scan 1931 (14.833 min): BG051163.D\data.ms (-1842) (-)

Ref 50

162.1

Sub 50

80.1

54.0 100.0 132.1

m/z-->

Abundance

14.833

40000

30000

20000

10000

0

Time-->

14.80 14.90

Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2179) (-)

2,4,6-Tribromophenol

Concen: 122.87 ng

RT: 16.325 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Tgt Ion:330 Resp: 101580

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 47.7 35.6 53.4

Abundance Scan 2185 (16.325 min): BG051163.D\data.ms

Ref 50

329.8

Raw 50

62.0

142.9

103.9 181.1 221.9

m/z-->

Abundance Scan 2185 (16.325 min): BG051163.D\data.ms (-2096) (-)

Ref 50

329.8

Sub 50

62.0

142.9

103.9 182.0 221.9

m/z-->

Abundance

16.325

60000

40000

20000

0

Time-->

16.30 16.40

Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1645) (-)

2-Fluorobiphenyl

Concen: 82.00 ng

RT: 13.458 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Instrument :

BNA_G

ClientSampleId :

MW-1

Tgt Ion:172 Resp: 422672

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

170 24.8 18.6 27.8

Abundance Scan 1697 (13.458 min): BG051163.D\data.ms

172.1

51.0 85.0 120.0 151.0

172.1

51.0 85.0 120.0 151.0

172.1

51.0 85.0 120.0 151.0

172.1

51.0 85.0 120.0 151.0

172.1

51.0 85.0 120.0 151.0

172.1

51.0 85.0 120.0 151.0

172.1

51.0 85.0 120.0 151.0

172.1

51.0 85.0 120.0 151.0

172.1

51.0 85.0 120.0 151.0

172.1

Abundance

250000

200000

150000

100000

50000

0

13.40 13.50

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Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1652) (-)

2,6-Dinitrotoluene

Concen: 8.12 ng

RT: 14.833 min Scan# 1931

Delta R.T. 0.417 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Tgt Ion:165 Resp: 10158

Ion Ratio Lower Upper

165 100

63 6.2 63.3 94.9#

89 4.7 63.4 95.0#

Abundance Scan 1931 (14.833 min): BG051163.D\data.ms

162.1

54.0 80.1 104.0 132.1

162.1

54.0 80.1 104.0 132.1

162.1

54.0 80.1 104.0 132.1

162.1

54.0 80.1 104.0 132.1

162.1

54.0 80.1 104.0 132.1

162.1

54.0 80.1 104.0 132.1

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162.1

54.0 80.1 104.0 132.1

162.1

54.0 80.1 104.0 132.1

162.1

Abundance

6000

4000

2000

0

14.75 14.85

14.833

14.833

14.833

14.833

14.833

14.833

14.833

14.833

14.833

14.833

14.833

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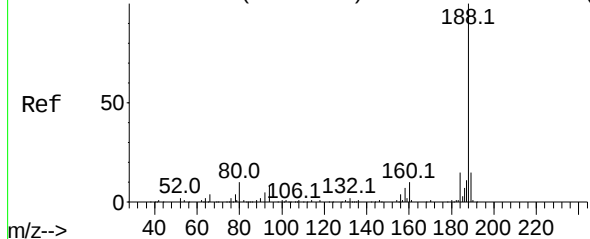
14.833

14.833

14.833

14.833

Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2362) (-)



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.583 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Instrument :

BNA_G

ClientSampleId :

MW-1

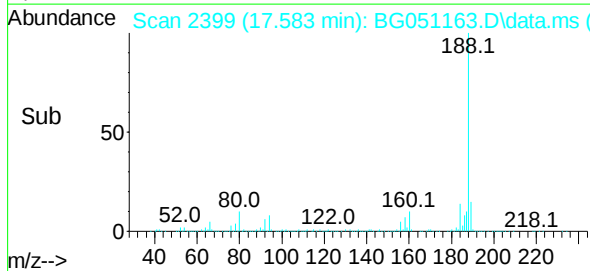
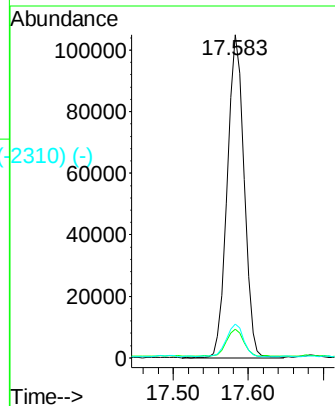
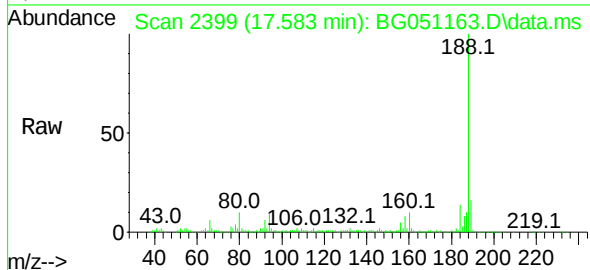
Tgt Ion:188 Resp: 162217

Ion Ratio Lower Upper

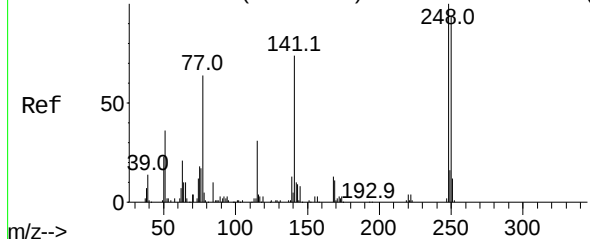
188 100

94 8.9 5.4 8.0#

80 10.5 3.7 5.5#



Abundance Scan 2259 (16.760 min): BG051122.D\data.ms (-2362) (-)



4-Bromophenyl-phenylether

Concen: 4.30 ng

RT: 16.325 min Scan# 2185

Delta R.T. -0.435 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

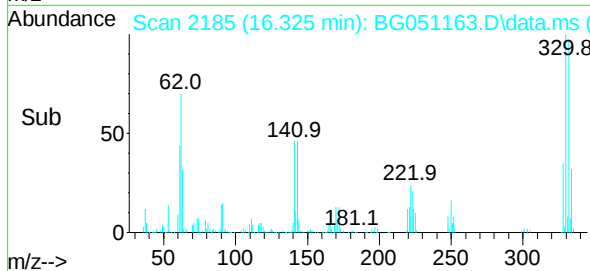
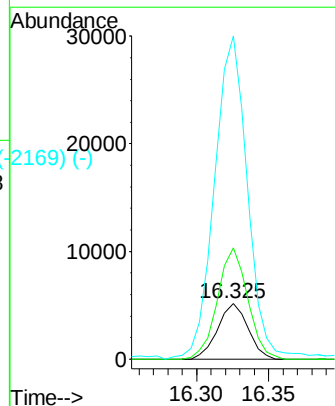
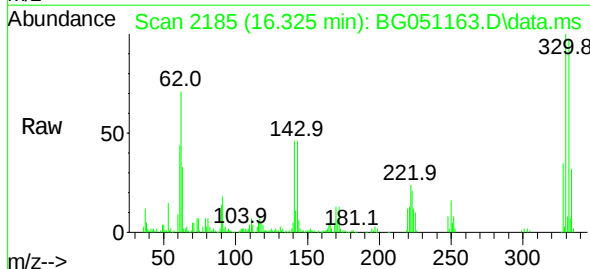
Tgt Ion:248 Resp: 7548

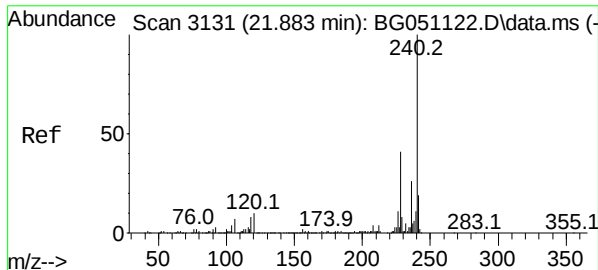
Ion Ratio Lower Upper

248 100

250 199.8 76.1 114.1#

141 579.7 65.4 98.2#





Chrysene-d12

Concen: 20.00 ng

RT: 21.883 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

Instrument :

BNA_G

ClientSampleId :

MW-1

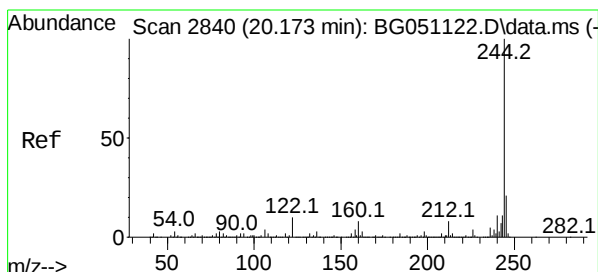
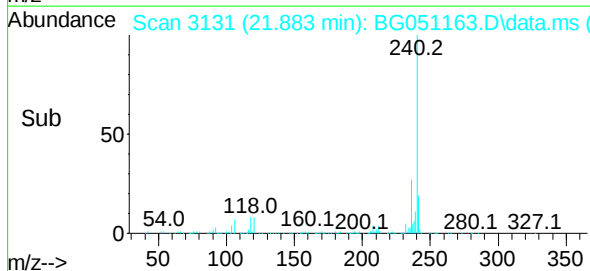
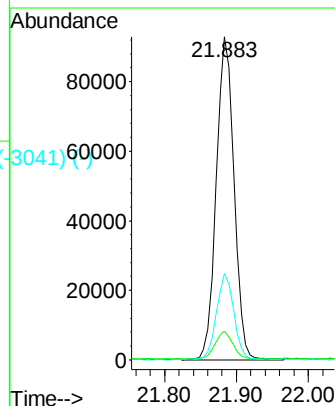
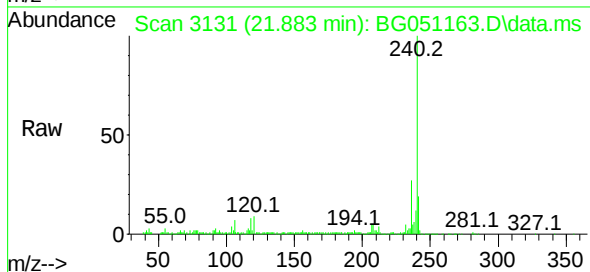
Tgt Ion:240 Resp: 159787

Ion Ratio Lower Upper

240 100

120 8.9 4.2 6.2#

236 26.7 21.8 32.6



Terphenyl-d14

Concen: 61.57 ng

RT: 20.174 min Scan# 2840

Delta R.T. 0.000 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

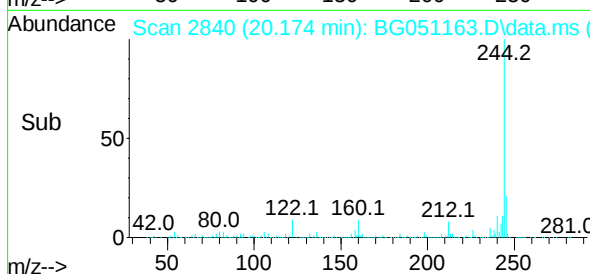
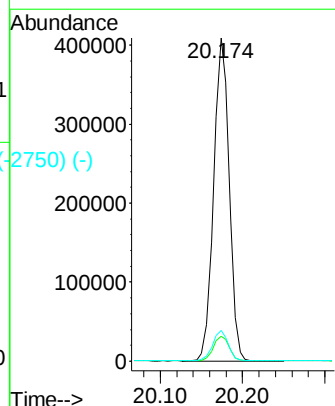
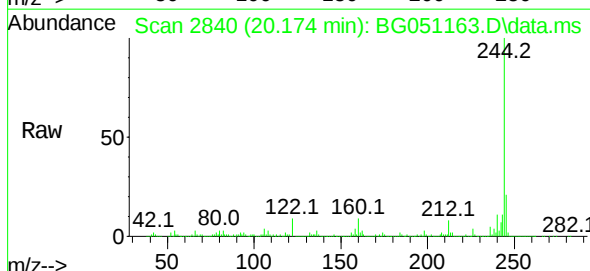
Tgt Ion:244 Resp: 538142

Ion Ratio Lower Upper

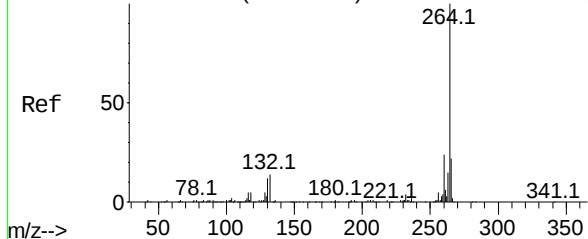
244 100

212 7.7 6.9 10.3

122 9.5 5.0 7.6#



Abundance Scan 3709 (25.279 min): BG051122.D\data.ms (-3696) (-)



Perylene-d12

Concen: 20.00 ng

RT: 25.285 min Scan# 3619

Delta R.T. 0.006 min

Lab File: BG051163.D

Acq: 21 Nov 2021 1:28

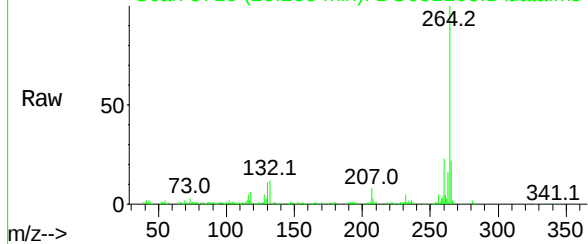
Instrument :

BNA_G

ClientSampleId :

MW-1

Abundance Scan 3710 (25.285 min): BG051163.D\data.ms



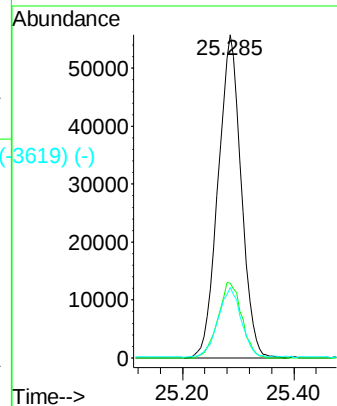
Tgt Ion:264 Resp: 160613

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.7 16.9 25.3



Abundance Scan 3710 (25.285 min): BG051163.D\data.ms (-3619) (-)

