

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051479.D
 Acq On : 11 Dec 2021 14:26
 Operator : CG/JU
 Sample : PB141259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB141259BL

Quant Time: Dec 11 23:06:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 23:03:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	20181	20.00	ng	0.00
21) Naphthalene-d8	11.021	136	87814	20.00	ng	# 0.01
39) Acenaphthene-d10	14.822	164	58367	20.00	ng	0.00
64) Phenanthrene-d10	17.572	188	140008	20.00	ng	# 0.00
76) Chrysene-d12	21.873	240	142647	20.00	ng	# 0.00
86) Perylene-d12	25.275	264	136461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.739	112	188370	144.29	ng	0.00
7) Phenol-d6	7.360	99	245660	133.60	ng	0.00
23) Nitrobenzene-d5	9.370	82	181106	94.14	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	71916	115.93	ng	0.00
45) 2-Fluorobiphenyl	13.435	172	349129	90.26	ng	0.00
79) Terphenyl-d14	20.157	244	693189	88.84	ng	0.00

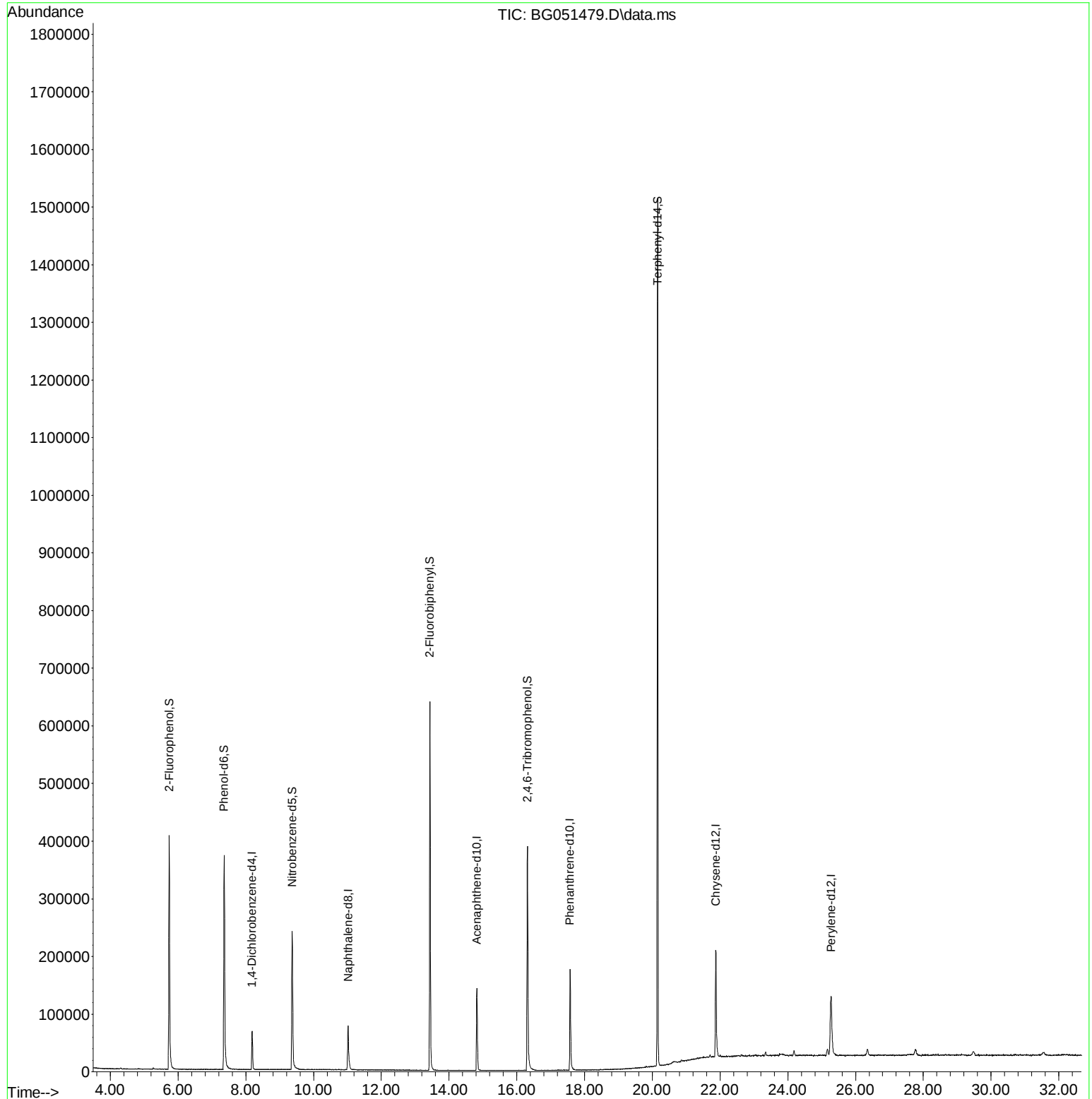
Target Compounds Qvalue

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

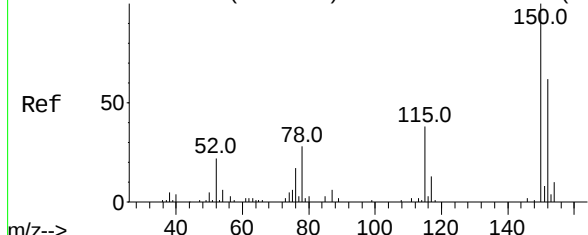
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Abundance Scan 804 (8.211 min): BG051122.D\data.ms (-796) #4



1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.189 min Scan# 8

Delta R.T. 0.005 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

Instrument :

BNA_G

ClientSampleId :

PB141259BL

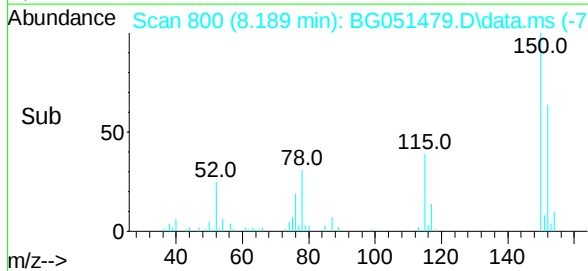
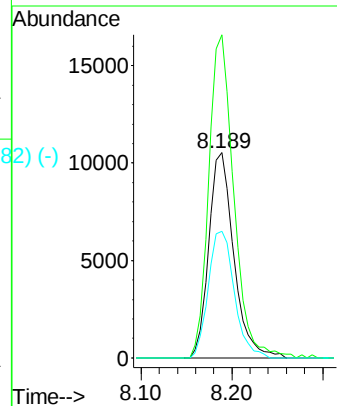
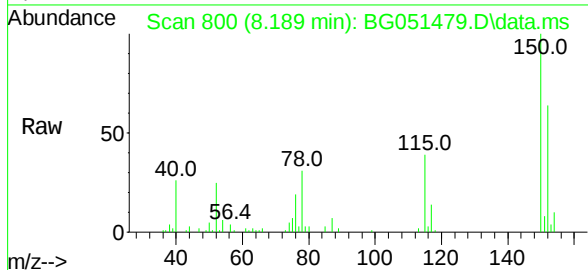
Tgt Ion:152 Resp: 20181

Ion Ratio Lower Upper

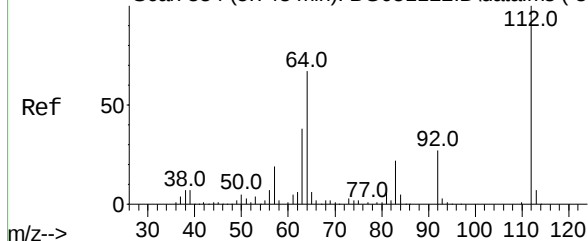
152 100

150 157.4 119.4 179.0

115 61.7 60.2 90.4



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



2-Fluorophenol

Concen: 144.29 ng

RT: 5.739 min Scan# 383

Delta R.T. -0.001 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

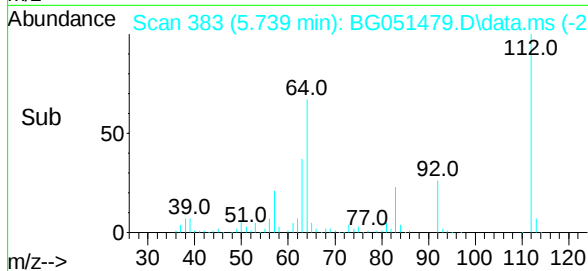
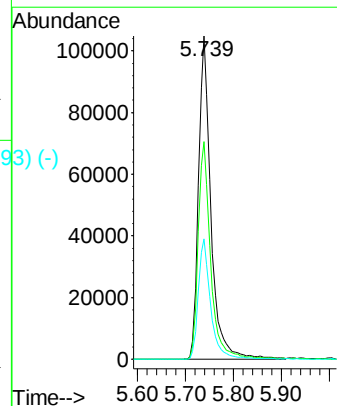
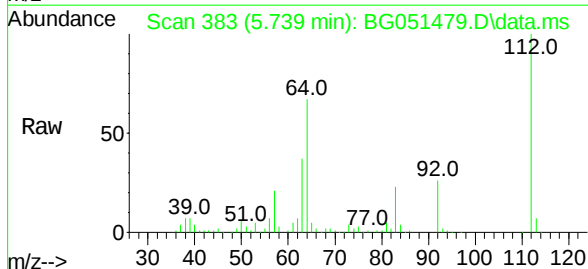
Tgt Ion:112 Resp: 188370

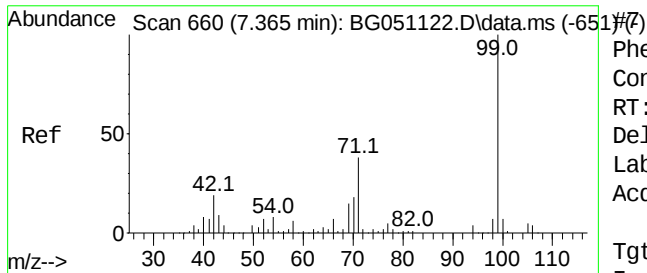
Ion Ratio Lower Upper

112 100

64 67.3 46.7 70.1

63 37.3 35.3 52.9





Phenol-d6

Concen: 133.60 ng

RT: 7.360 min Scan#

Delta R.T. -0.001 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

Instrument :

BNA_G

ClientSampleId :

PB141259BL

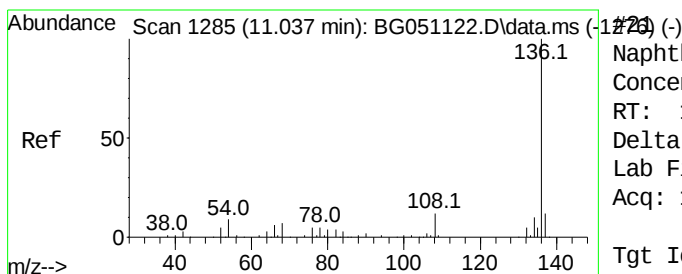
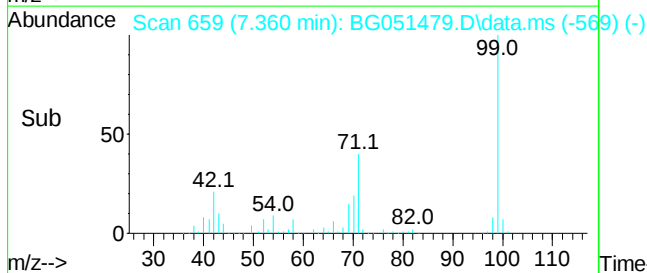
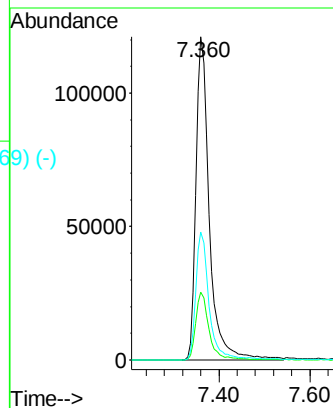
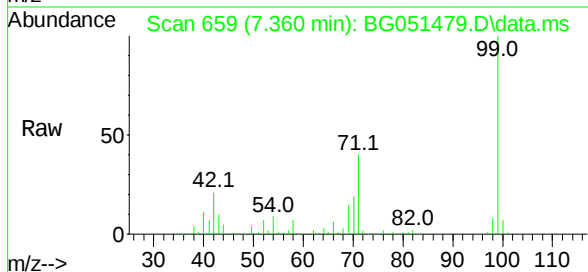
Tgt Ion: 99 Resp: 245660

Ion Ratio Lower Upper

99 100

42 20.9 20.5 30.7

71 39.5 41.5 62.3#



Naphthalene-d8

Concen: 20.00 ng

RT: 11.021 min Scan# 1282

Delta R.T. 0.011 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

Tgt Ion:136 Resp: 87814

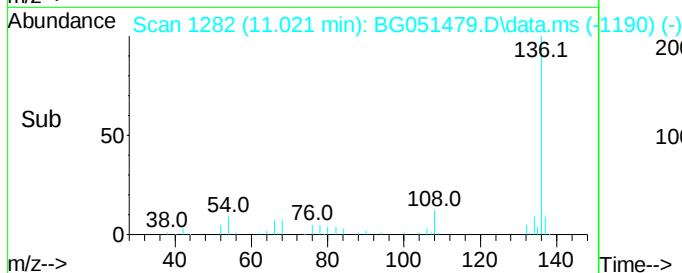
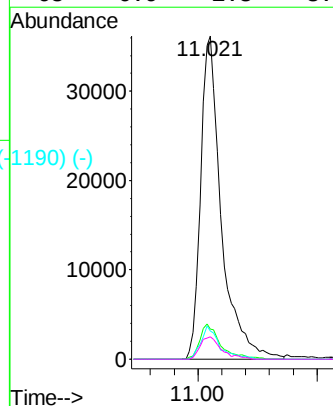
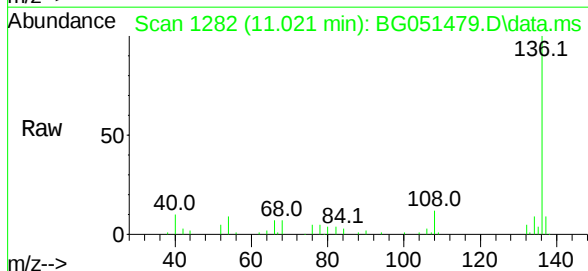
Ion Ratio Lower Upper

136 100

137 9.4 8.2 12.2

54 8.6 5.5 8.3#

68 6.9 2.3 3.5#



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

Nitrobenzene-d5

Concen: 94.14 ng

RT: 9.370 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

Instrument :

BNA_G

ClientSampleId :

PB141259BL

Tgt Ion: 82 Resp: 181106

Ion Ratio Lower Upper

82 100

128 37.8 29.8 44.6

54 48.7 45.8 68.8

Abundance Scan 1001 (9.370 min): BG051479.D\data.ms

Ref

50

40.0 54.0 68.0 82.1 98.1 112.1 128.0

m/z-->

Abundance Scan 1001 (9.370 min): BG051479.D\data.ms

Raw

50

40.0 54.0 68.0 82.1 98.0 112.0 128.0

m/z-->

Abundance Scan 1001 (9.370 min): BG051479.D\data.ms (-911) (-)

Sub

50

40.0 54.0 68.0 82.1 98.0 112.0 128.0

m/z-->

Abundance

80000

60000

40000

20000

0

9.370

Time-->

9.40

9.60

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

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.822 min Scan# 1929

Delta R.T. 0.005 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

Tgt Ion:164 Resp: 58367

Ion Ratio Lower Upper

164 100

162 109.1 81.4 122.0

160 47.2 34.9 52.3

Abundance Scan 1929 (14.822 min): BG051479.D\data.ms

Ref

50

54.0 80.0 100.1 132.0 162.1

m/z-->

Abundance Scan 1929 (14.822 min): BG051479.D\data.ms

Raw

50

54.0 80.0 108.0 132.1 162.1

m/z-->

Abundance Scan 1929 (14.822 min): BG051479.D\data.ms (-1838) (-)

Sub

50

54.0 80.0 108.0 132.1 162.1

m/z-->

Abundance

30000

20000

10000

0

14.822

Time-->

14.90

Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2174) (-)

2,4,6-Tribromophenol

Concen: 115.93 ng

RT: 16.314 min Scan# 2186

Delta R.T. -0.001 min

Lab File: BG051479.D

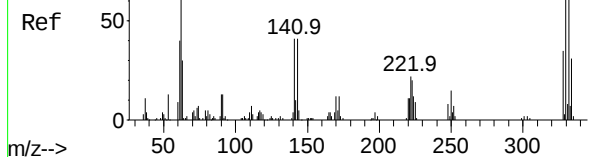
Acq: 11 Dec 2021 14:26

Instrument :

BNA_G

ClientSampleId :

PB141259BL



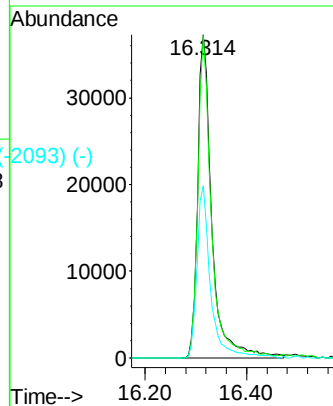
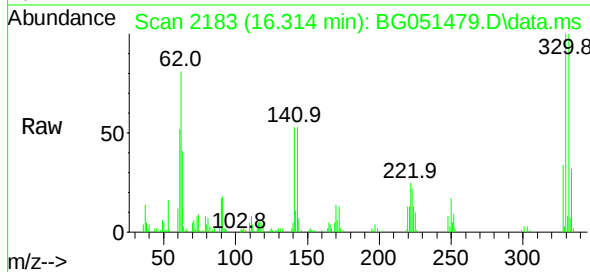
Tgt Ion:330 Resp: 71916

Ion Ratio Lower Upper

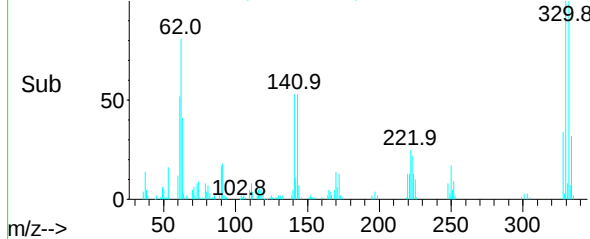
330 100

332 95.4 77.3 115.9

141 50.9 35.6 53.4



Abundance Scan 2183 (16.314 min): BG051479.D\data.ms (-2093) (-)



Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1695) (-)

2-Fluorobiphenyl

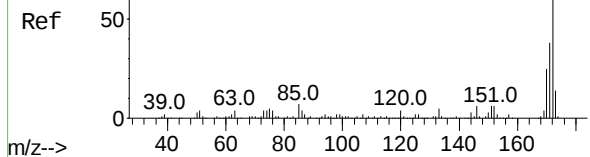
Concen: 90.26 ng

RT: 13.435 min Scan# 1693

Delta R.T. -0.001 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26



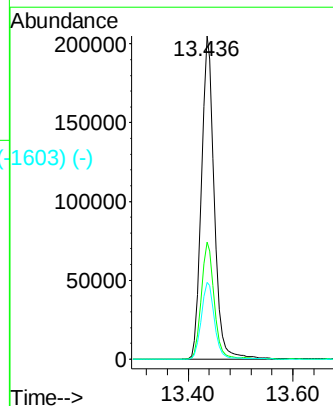
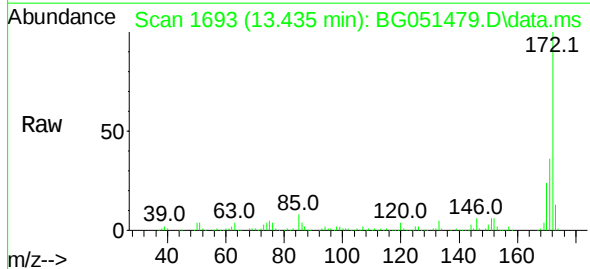
Tgt Ion:172 Resp: 349129

Ion Ratio Lower Upper

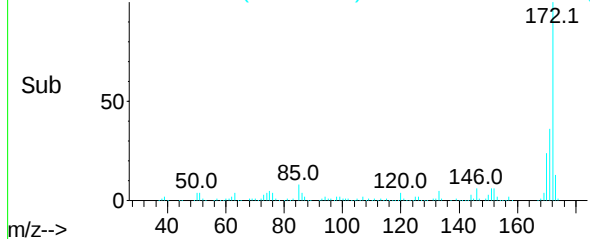
172 100

171 36.2 28.6 43.0

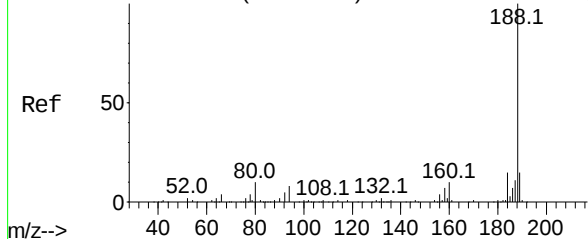
170 23.7 18.6 27.8



Abundance Scan 1693 (13.435 min): BG051479.D\data.ms (-1603) (-)



Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2392) (-)



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.572 min Scan# 2397

Delta R.T. -0.001 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

Instrument :

BNA_G

ClientSampleId :

PB141259BL

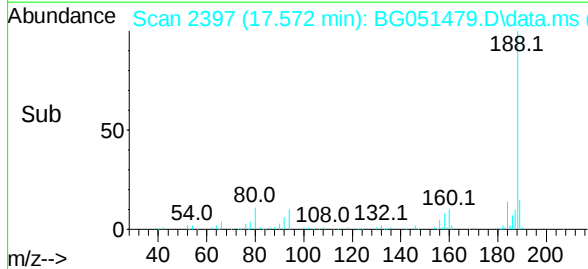
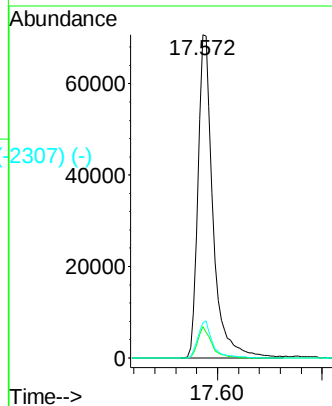
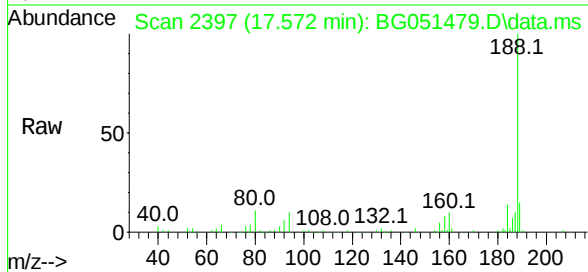
Tgt Ion:188 Resp: 140008

Ion Ratio Lower Upper

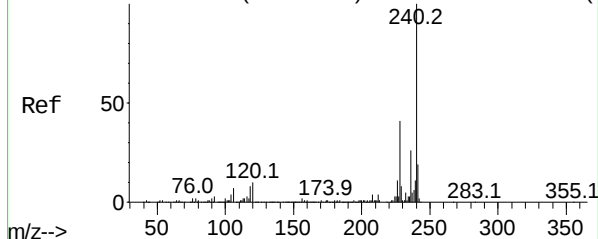
188 100

94 9.7 5.4 8.0#

80 10.8 3.7 5.5#



Abundance Scan 3131 (21.883 min): BG051122.D\data.ms (-3175) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.873 min Scan# 3129

Delta R.T. -0.001 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

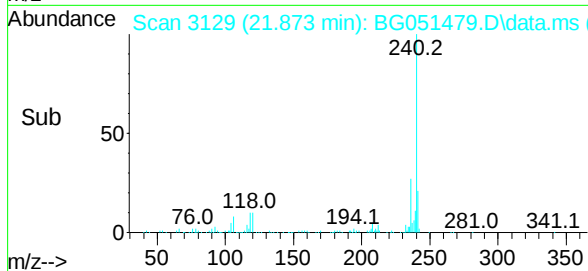
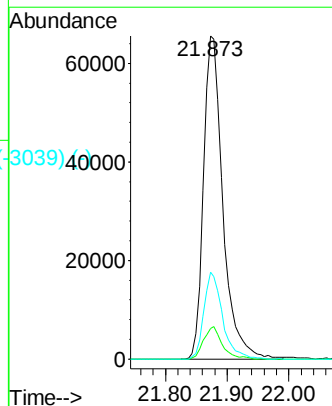
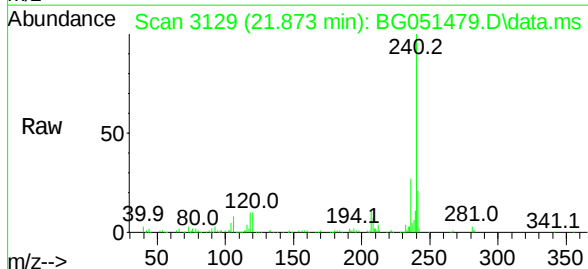
Tgt Ion:240 Resp: 142647

Ion Ratio Lower Upper

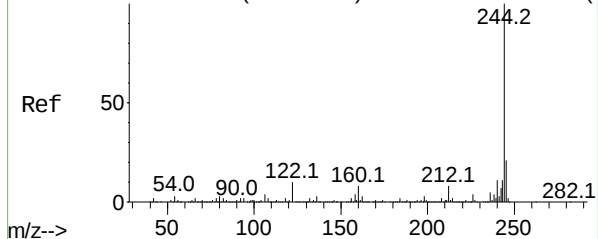
240 100

120 9.5 4.2 6.2#

236 26.9 21.8 32.6



Abundance Scan 2840 (20.173 min): BG051122.D\data.ms (-2639) (-)



Terphenyl-d14

Concen: 88.84 ng

RT: 20.157 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

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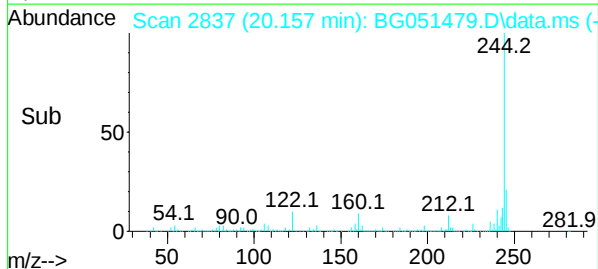
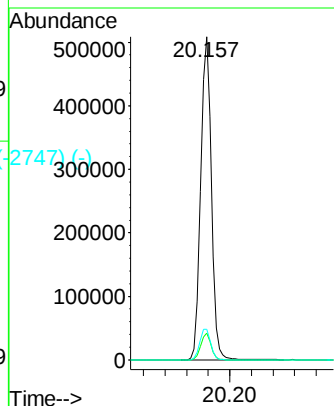
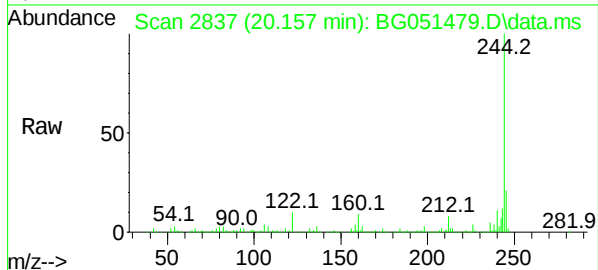
Tgt Ion:244 Resp: 693189

Ion Ratio Lower Upper

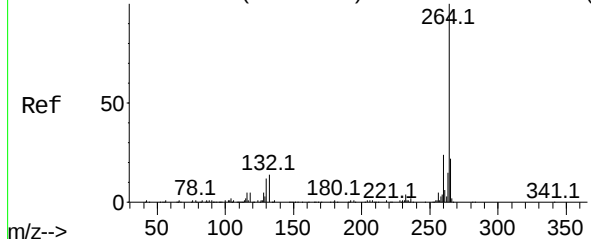
244 100

212 8.4 6.9 10.3

122 9.6 5.0 7.6#



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



Perylene-d12

Concen: 20.00 ng

RT: 25.275 min Scan# 3708

Delta R.T. -0.001 min

Lab File: BG051479.D

Acq: 11 Dec 2021 14:26

Tgt Ion:264 Resp: 136461

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.7 16.9 25.3

