

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022881.D
 Acq On : 6 Jul 2016 18:05
 Operator : UM/SJ
 Sample : H3804-01 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jul 07 02:31:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

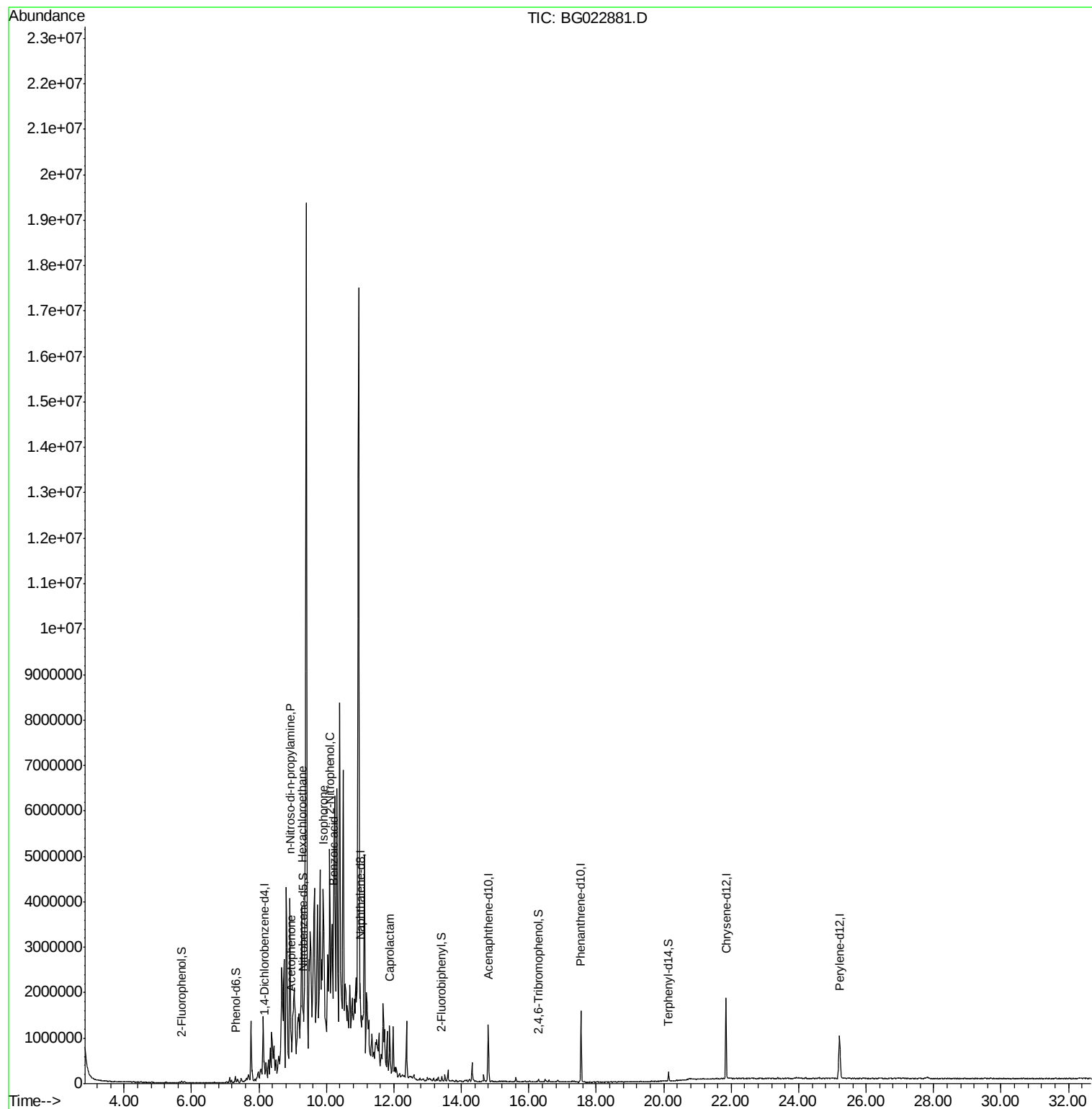
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	119708	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	537939	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	429398	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	999078	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1157184	20.00	ng	0.00
86) Perylene-d12	25.21	264	1177485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	16456	2.20	ng	0.00
7) Phenol-d6	7.31	99	25378	2.41	ng	0.00
23) Nitrobenzene-d5	9.32	82	165466	13.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	16395	2.43	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	59396	2.19	ng	0.00
78) Terphenyl-d14	20.14	244	99531	2.28	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	9.28	117	14347	3.68	ng	# 1
19) n-Nitroso-di-n-propylamine	8.92	70	119891	13.68	ng	# 39
22) Acetophenone	8.97	105	53652	3.45	ng	# 37
25) Isophorone	9.90	82	350762	14.22	ng	# 1
26) 2-Nitrophenol	10.09	139	34161	6.75	ng	# 17
32) Benzoic acid	10.20	122	22228	8.26	ng	# 42
35) Caprolactam	11.88	113	17581	5.93	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

DFTPP

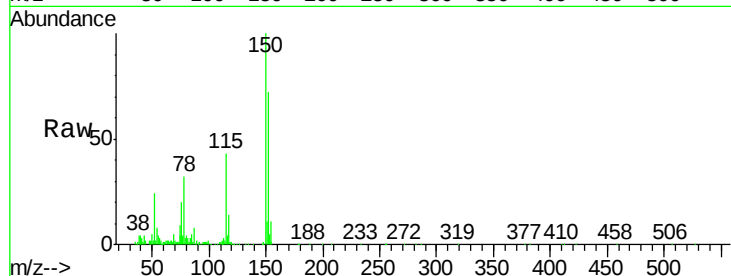
Tgt Ion:152 Resp: 119708

Ion Ratio Lower Upper

152 100

150 139.2 144.7 217.1#

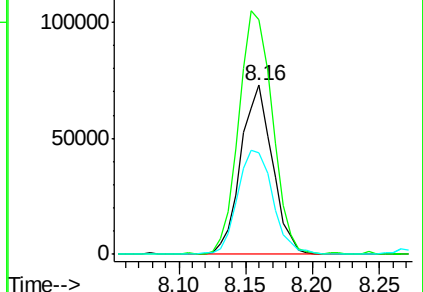
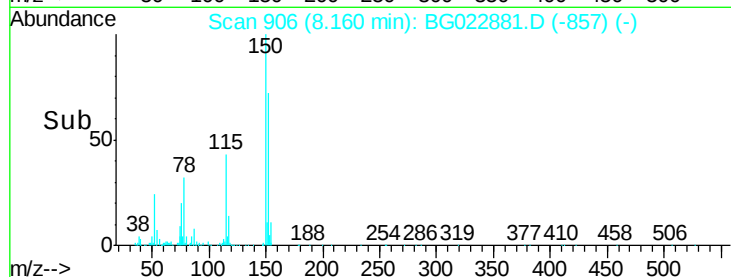
115 59.8 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 2.20 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

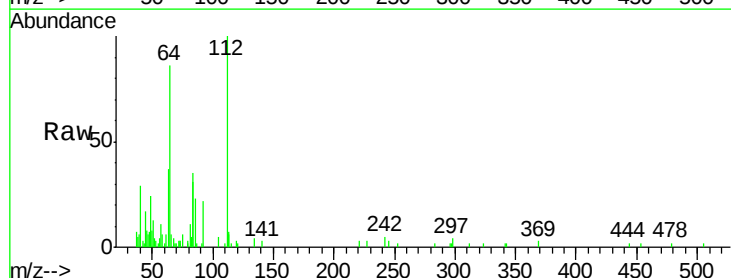
Tgt Ion:112 Resp: 16456

Ion Ratio Lower Upper

112 100

64 85.6 59.0 88.4

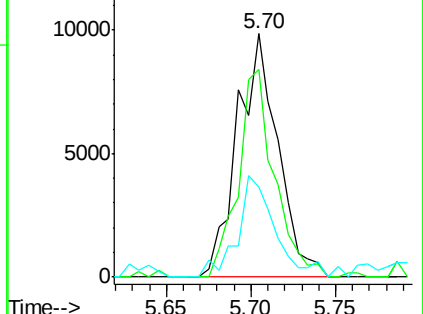
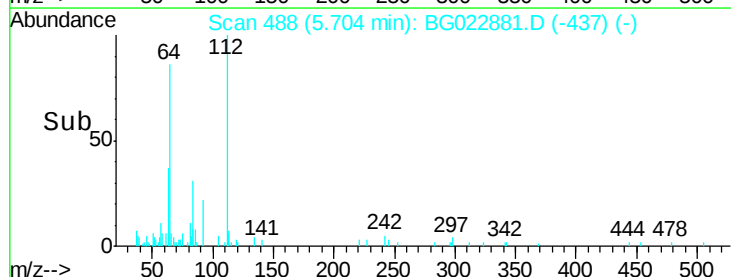
63 37.2 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.41 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

DFTPP

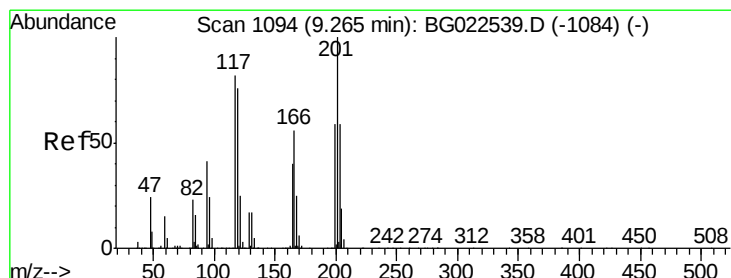
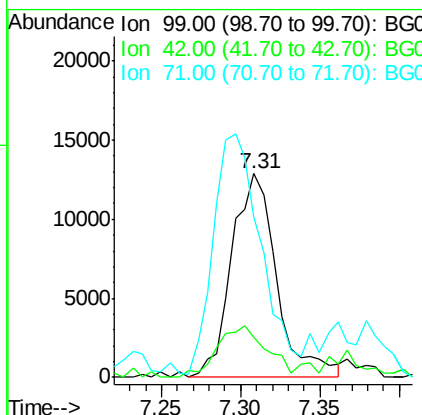
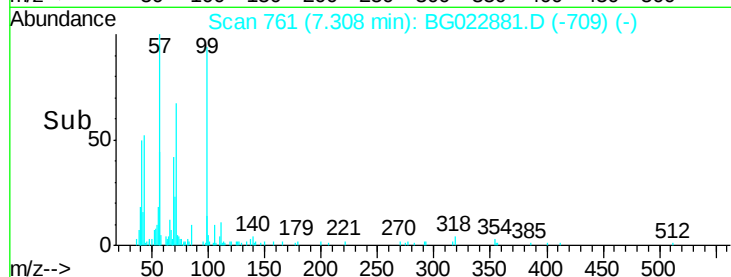
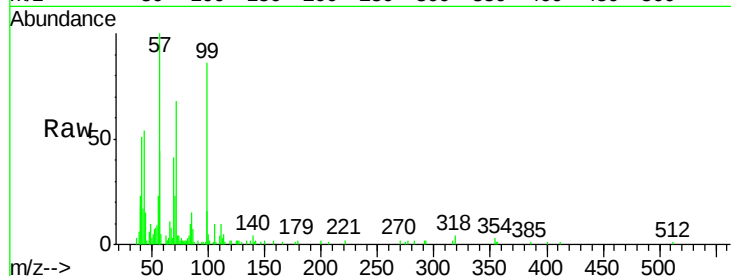
Tgt Ion: 99 Resp: 25378

Ion Ratio Lower Upper

99 100

42 19.7 17.8 26.6

71 79.0 41.5 62.3#



#18

Hexachloroethane

Concen: 3.68 ng

RT: 9.28 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

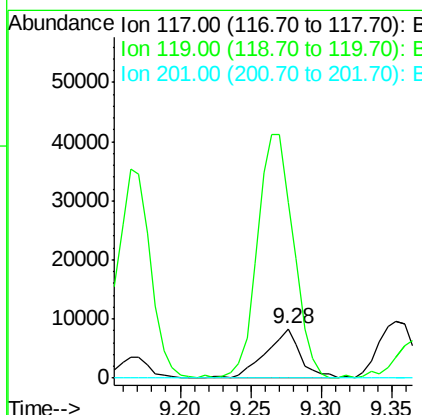
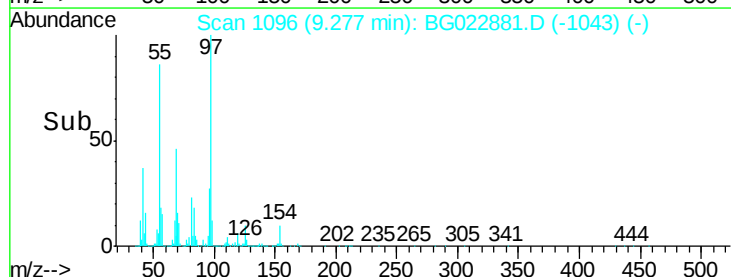
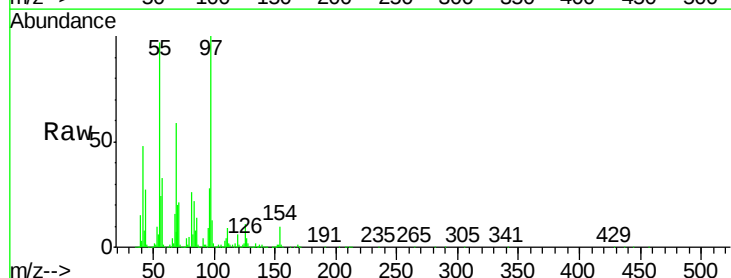
Tgt Ion: 117 Resp: 14347

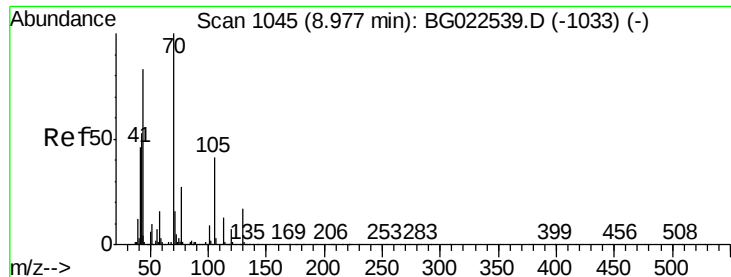
Ion Ratio Lower Upper

117 100

119 358.7 73.7 110.5#

201 0.0 88.7 133.1#

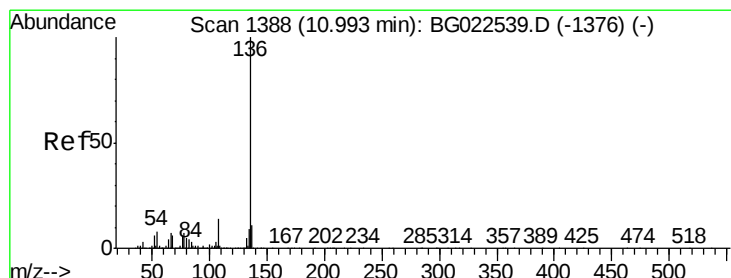
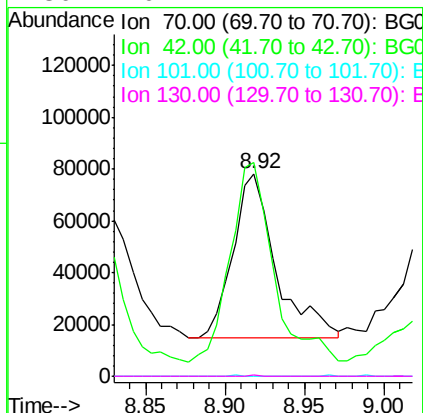
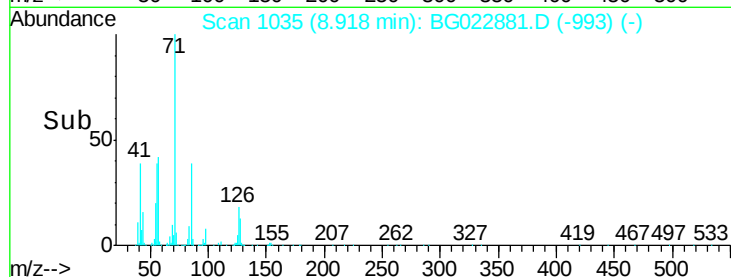
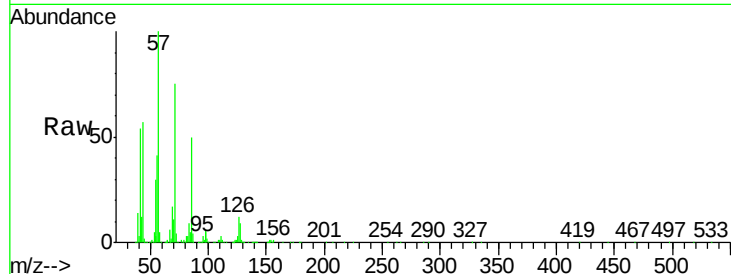




#19
n-Nitroso-di-n-propylamine
Concen: 13.68 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

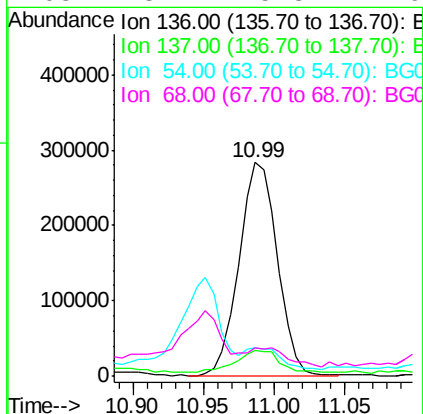
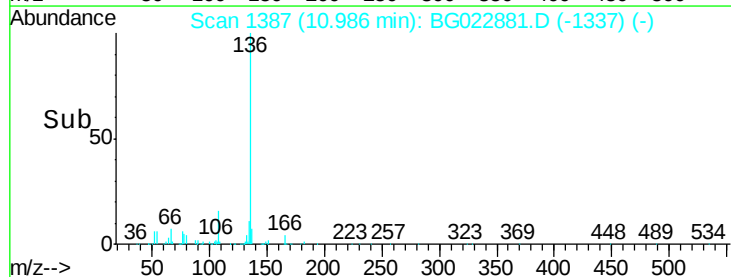
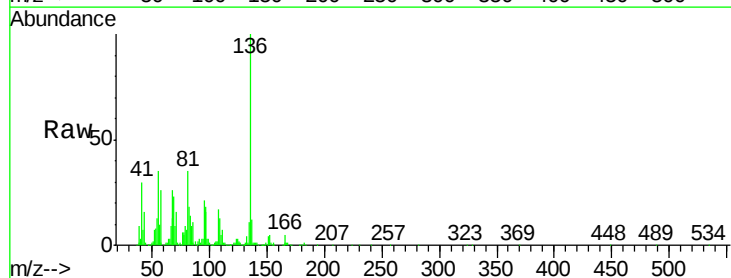
Instrument :
BNA_G
ClientSampleId :
DFTPP

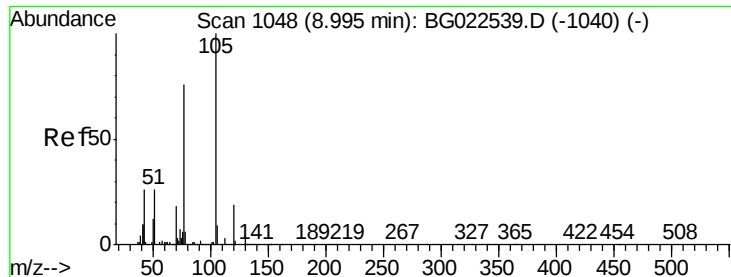
Tgt Ion:	70	Resp:	119891
Ion	Ratio	Lower	Upper
70	100		
42	105.4	42.1	63.1#
101	0.0	7.2	10.8#
130	0.4	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

Tgt Ion:	136	Resp:	537939
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	13.3	7.3	10.9#
68	13.2	5.3	7.9#





#22

Acetophenone

Concen: 3.45 ng

RT: 8.97 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion: 105 Resp: 53652

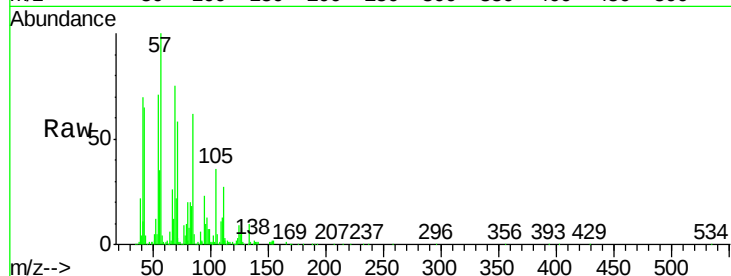
Ion Ratio Lower Upper

105 100

71 162.7 2.6 3.8#

51 13.0 27.1 40.7#

120 0.8 15.1 22.7#

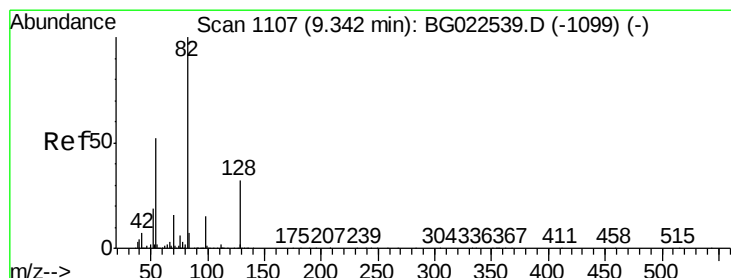
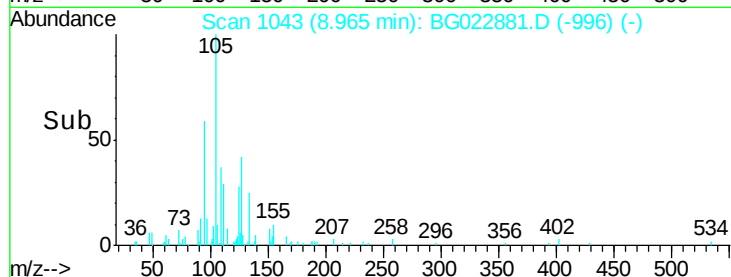
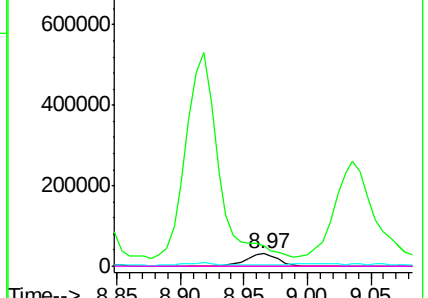


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 13.02 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

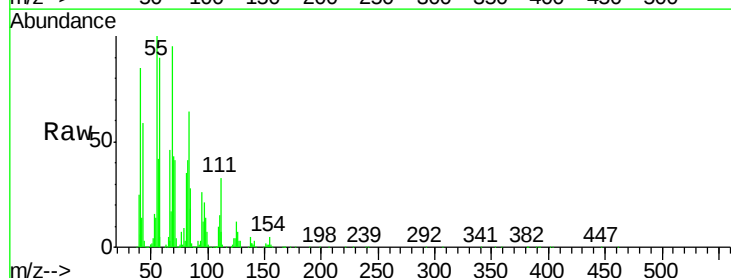
Tgt Ion: 82 Resp: 165466

Ion Ratio Lower Upper

82 100

128 6.1 24.4 36.6#

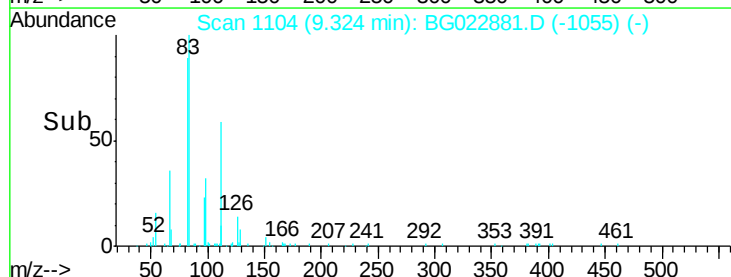
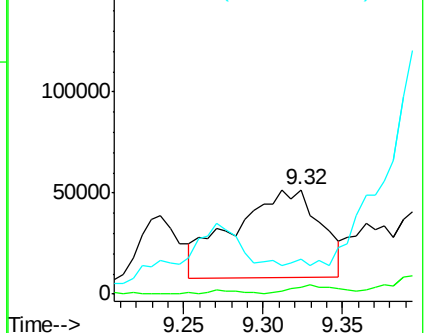
54 33.9 41.4 62.0#

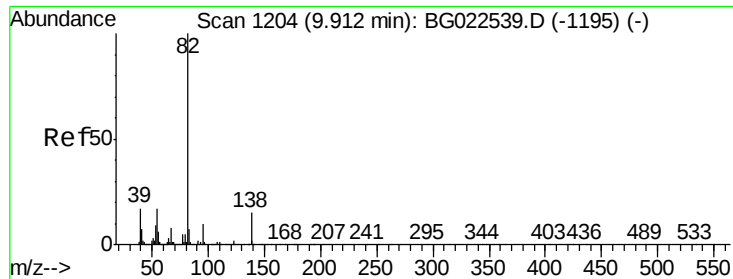


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#25

Isophorone

Concen: 14.22 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

DFTPP

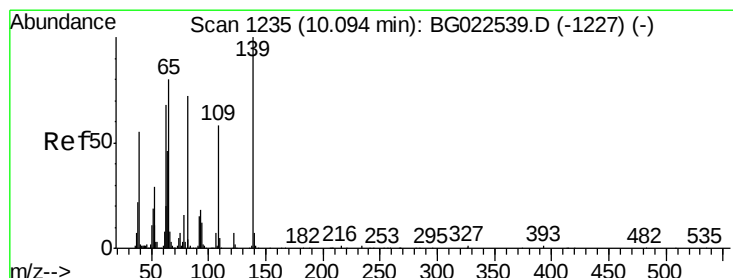
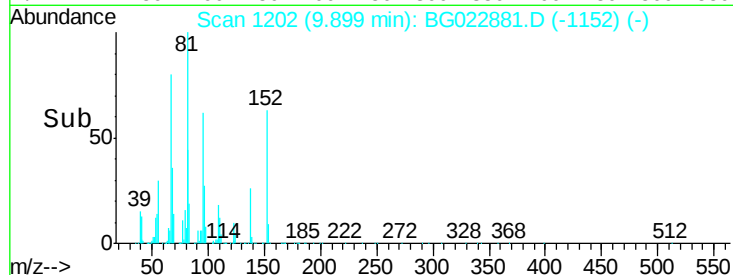
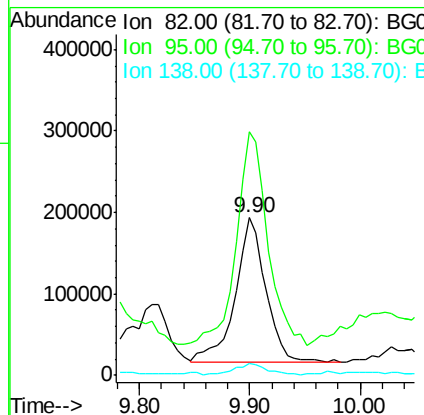
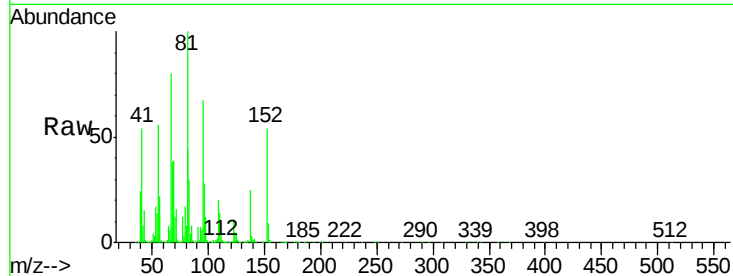
Tgt Ion: 82 Resp: 350762

Ion Ratio Lower Upper

82 100

95 154.3 8.2 12.2#

138 7.2 10.7 16.1#



#26

2-Nitrophenol

Concen: 6.75 ng

RT: 10.09 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

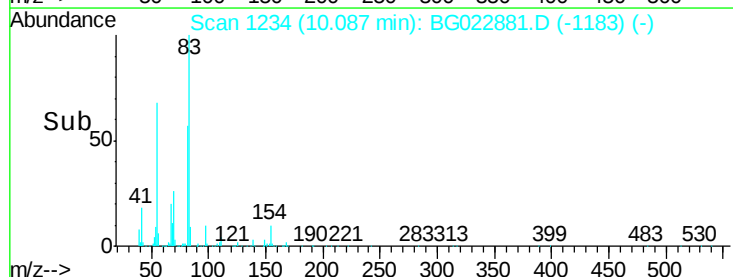
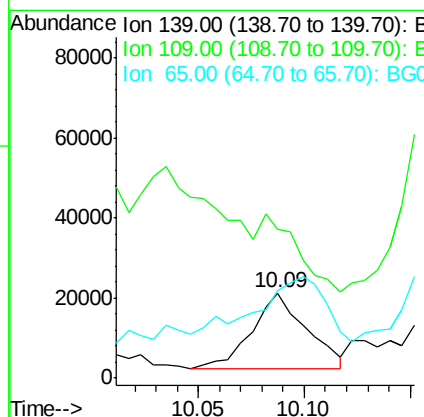
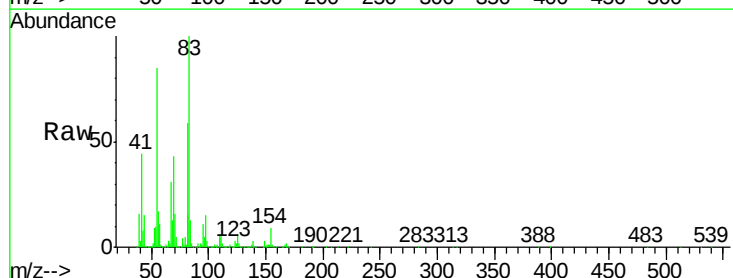
Tgt Ion: 139 Resp: 34161

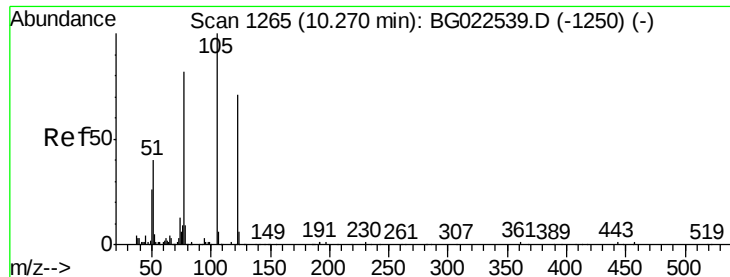
Ion Ratio Lower Upper

139 100

109 175.2 43.5 65.3#

65 102.6 64.3 96.5#





#32

Benzoic acid

Concen: 8.26 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

DFTPP

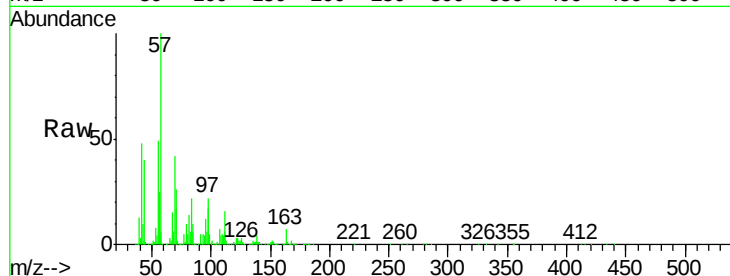
Tgt Ion:122 Resp: 22228

Ion Ratio Lower Upper

122 100

105 36.4 117.2 157.2#

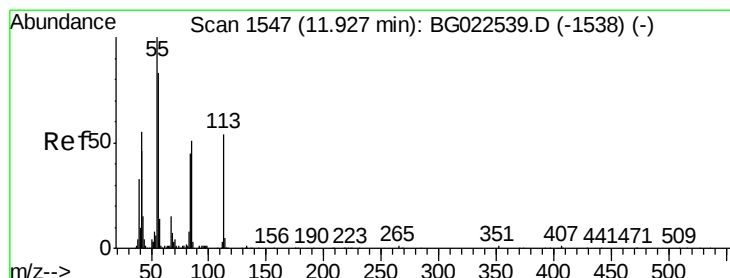
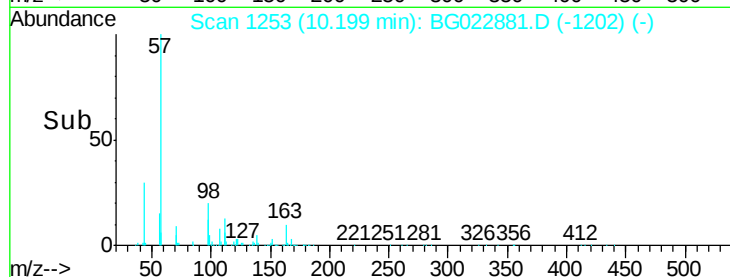
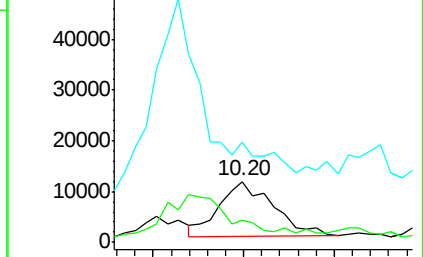
77 165.3 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#35

Caprolactam

Concen: 5.93 ng

RT: 11.88 min Scan# 1539

Delta R.T. -0.02 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

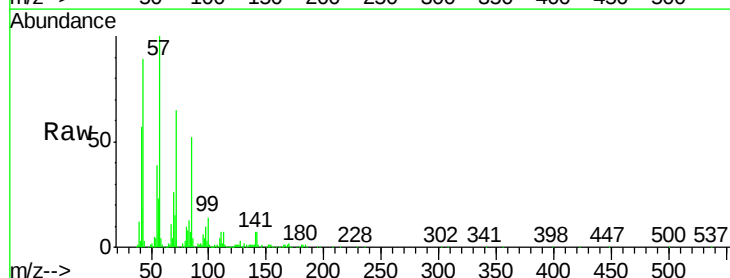
Tgt Ion:113 Resp: 17581

Ion Ratio Lower Upper

113 100

55 580.0 154.5 194.5#

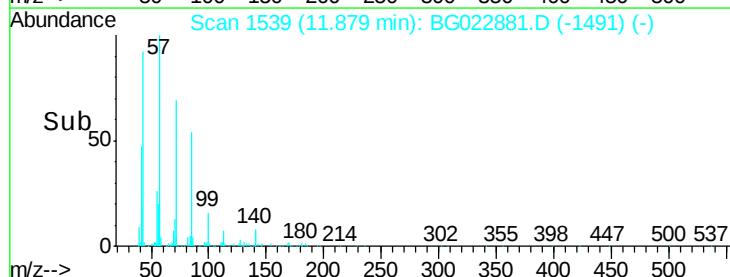
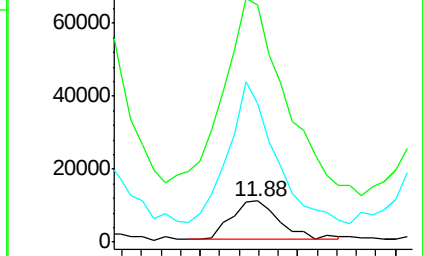
56 340.6 125.1 165.1#

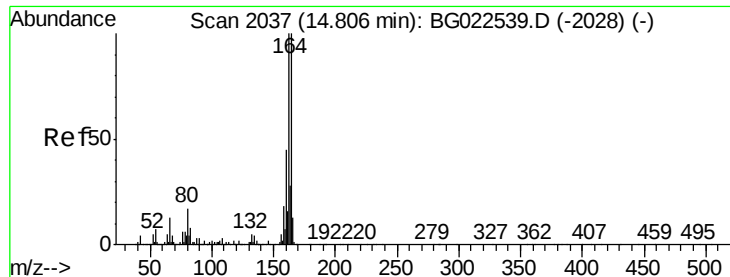


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

DFTPP

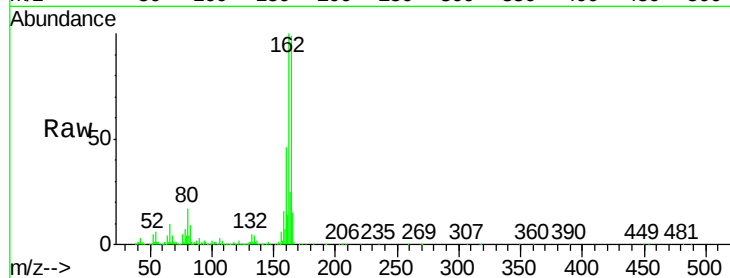
Tgt Ion:164 Resp: 429398

Ion Ratio Lower Upper

164 100

162 100.8 87.7 131.5

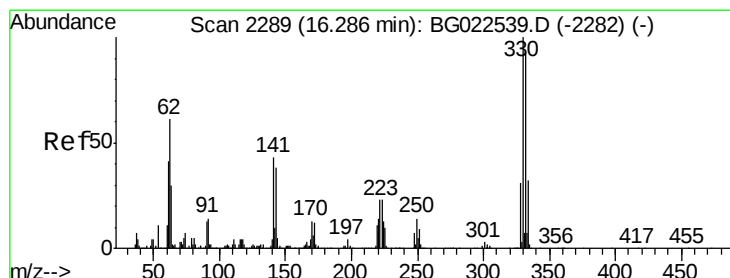
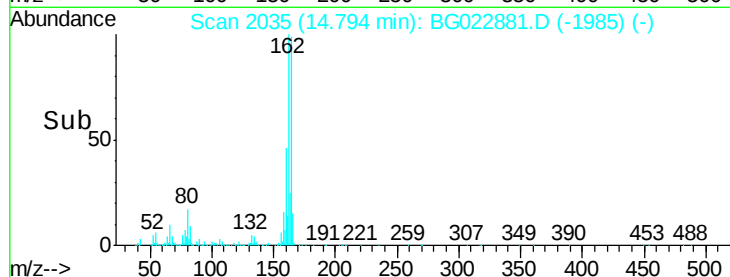
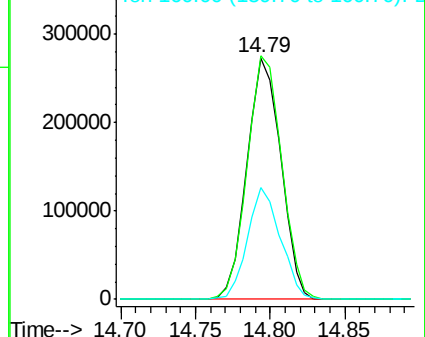
160 46.1 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 2.43 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

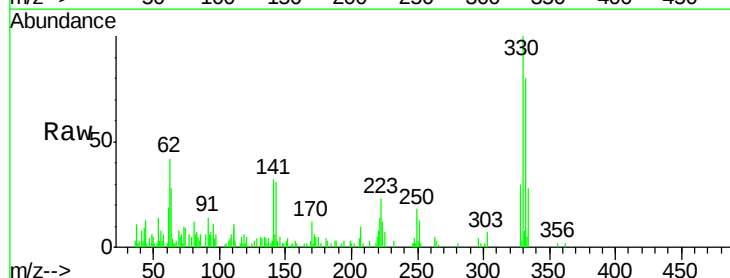
Tgt Ion:330 Resp: 16395

Ion Ratio Lower Upper

330 100

332 88.9 77.4 116.2

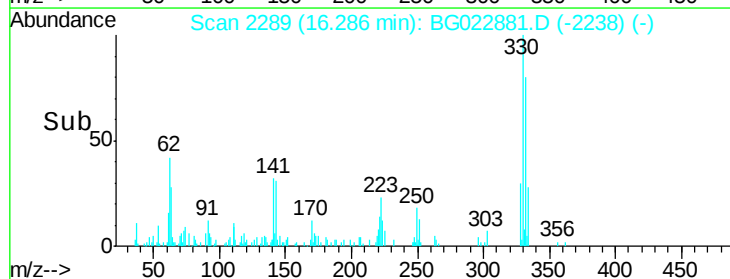
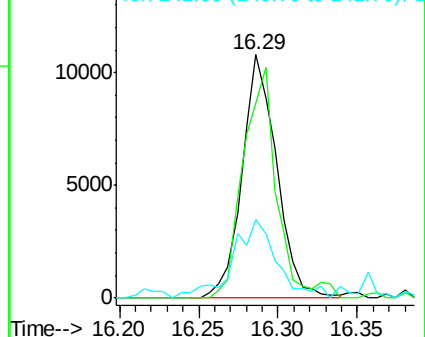
141 40.7 31.7 47.5

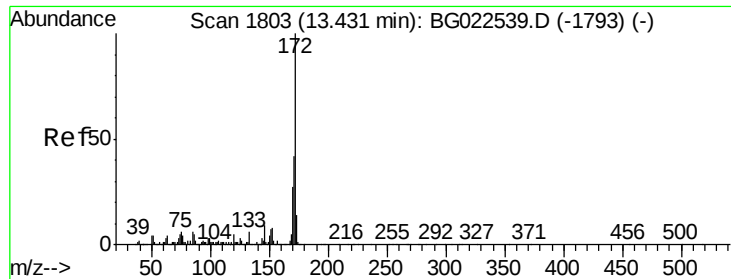


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

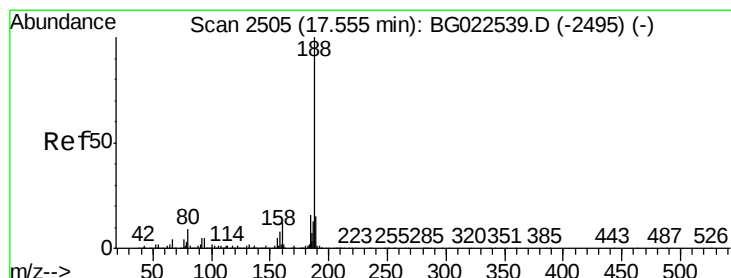
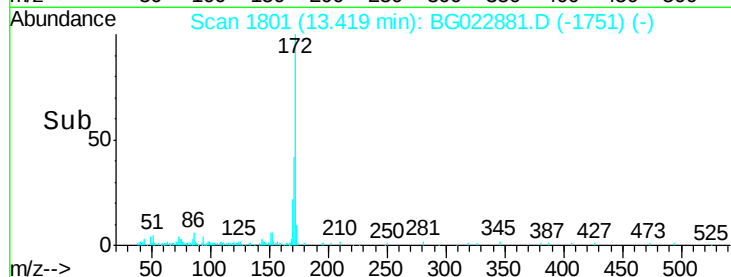
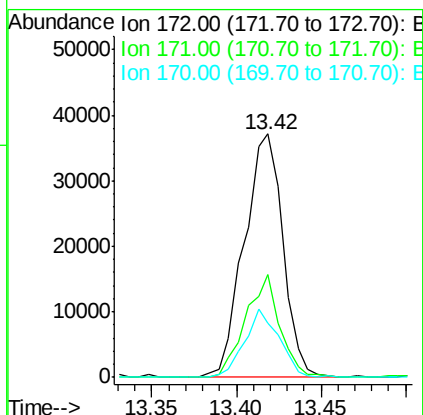
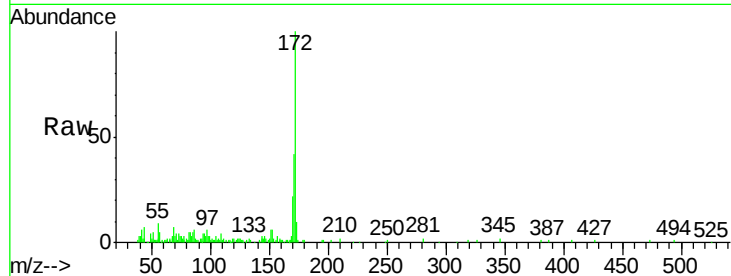




#44
2-Fluorobiphenyl
Concen: 2.19 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

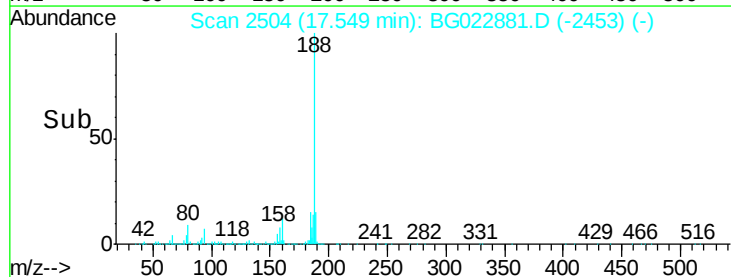
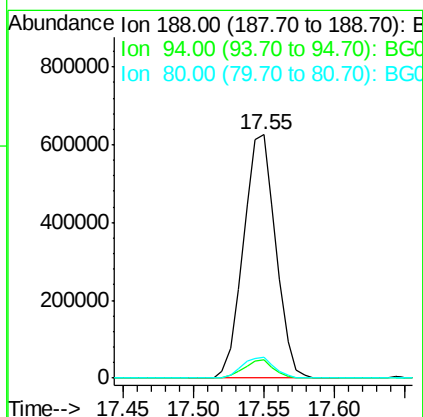
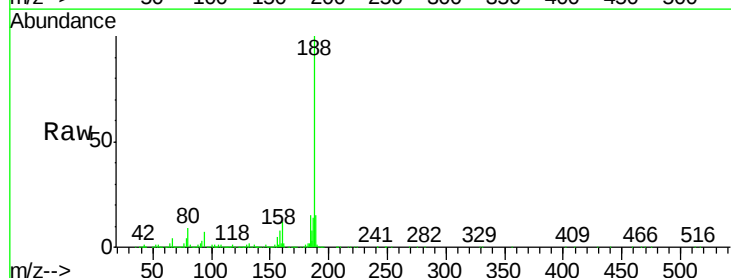
Instrument :
BNA_G
ClientSampleId :
DFTPP

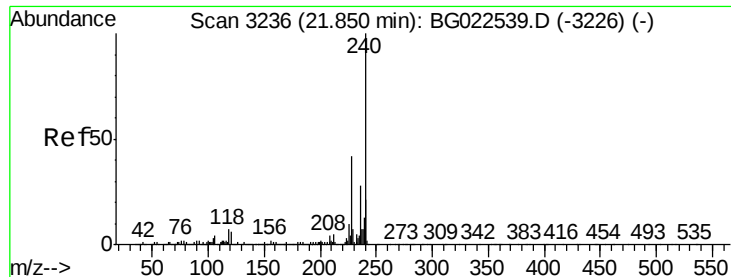
Tgt Ion:172 Resp: 59396
Ion Ratio Lower Upper
172 100
171 42.3 31.6 47.4
170 22.1 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

Tgt Ion:188 Resp: 999078
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.5 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

Instrument :

BNA_G

ClientSampleId :

DFTPP

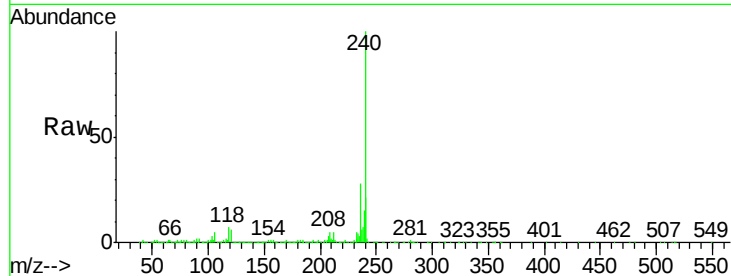
Tgt Ion:240 Resp: 1157184

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

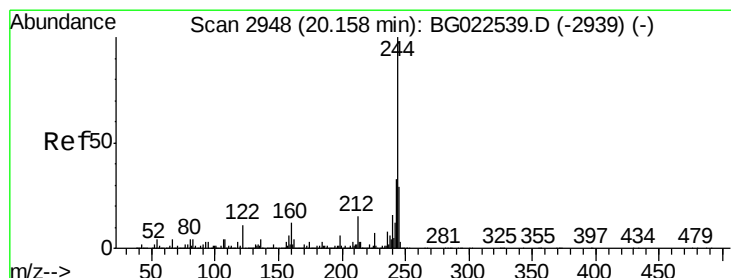
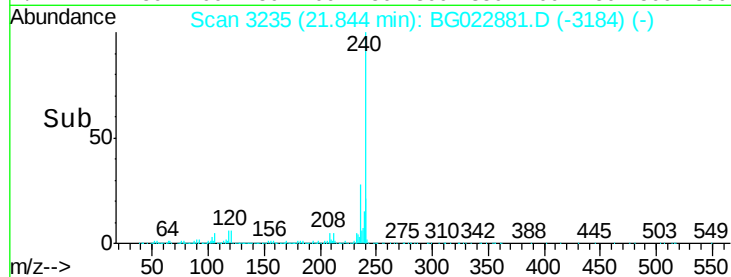
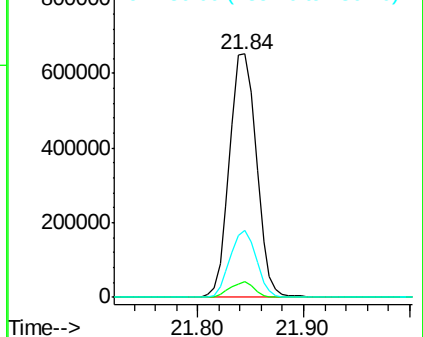
236 27.7 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 2.28 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG022881.D

Acq: 6 Jul 2016 18:05

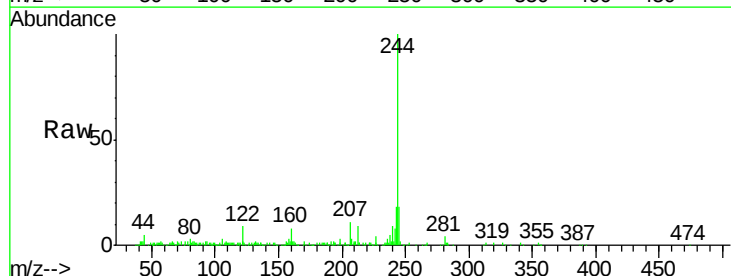
Tgt Ion:244 Resp: 99531

Ion Ratio Lower Upper

244 100

212 8.5 10.8 16.2#

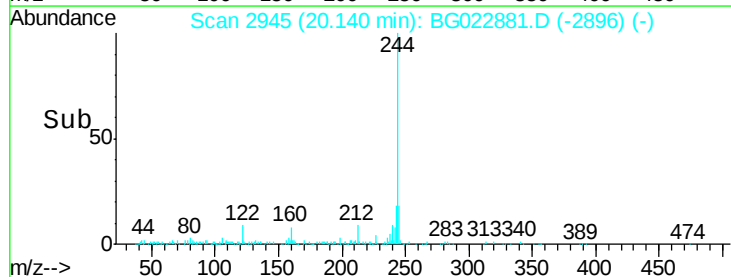
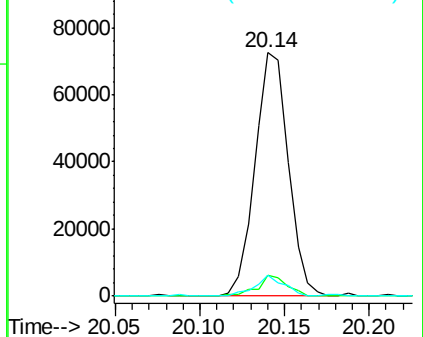
122 8.7 8.0 12.0

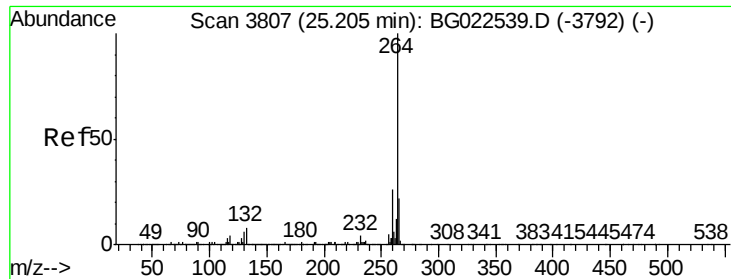


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.00 min
Lab File: BG022881.D
Acq: 6 Jul 2016 18:05

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 1177485

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.4	27.6
265	22.4	18.9	28.3

