

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051215\
 Data File : BG017096.D
 Acq On : 12 May 2015 22:56
 Operator : TP/IZ
 Sample : G2194-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-17-2.5

Quant Time: May 13 03:43:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 03:27:55 2015
 Response via : Initial Calibration

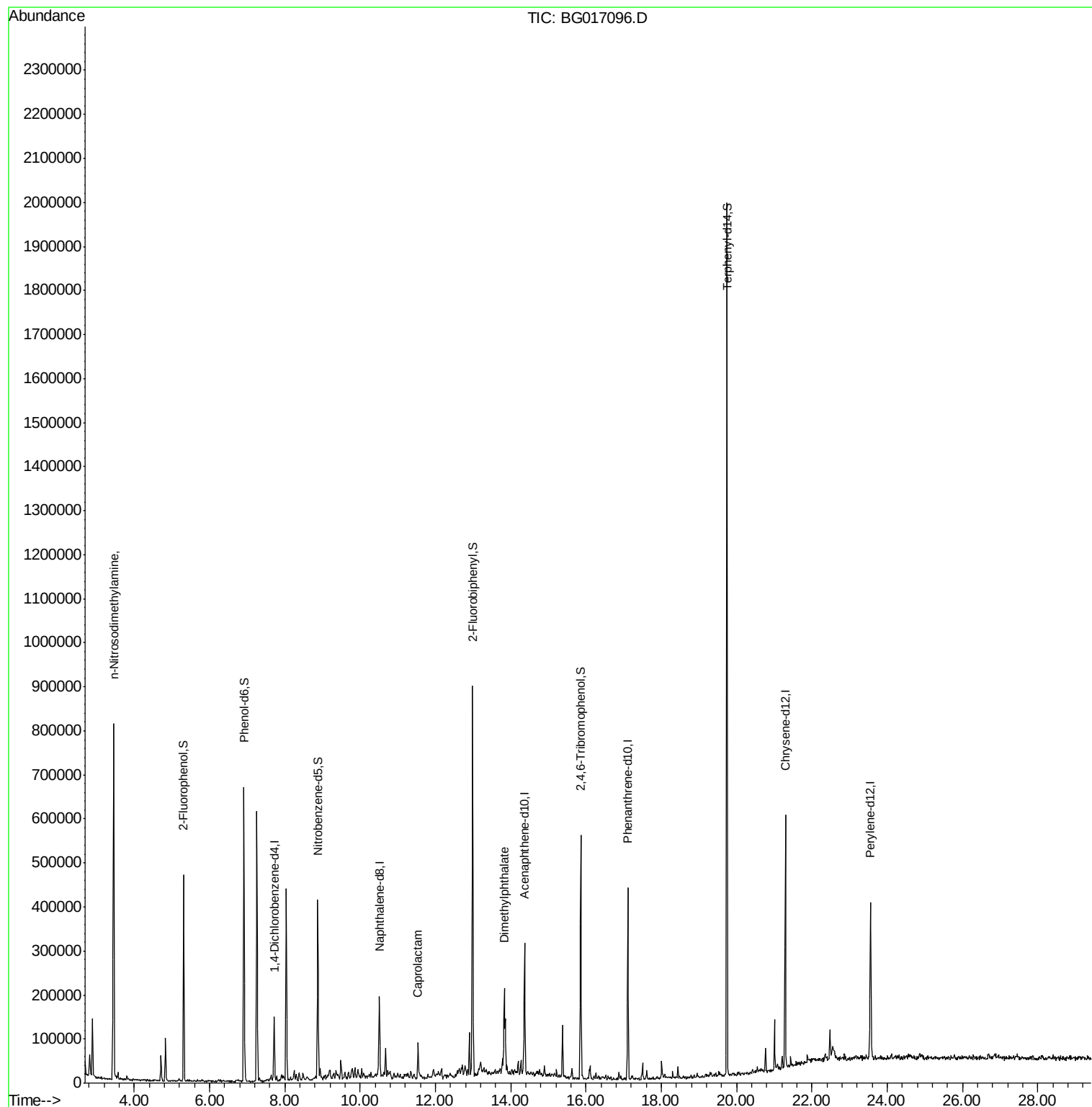
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	31591	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	120559	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	86512	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	215846	20.00	ng	0.00
75) Chrysene-d12	21.29	240	239902	20.00	ng	0.00
86) Perylene-d12	23.56	264	245537	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	146571	80.79	ng	0.00
7) Phenol-d6	6.92	99	257007	99.15	ng	0.00
23) Nitrobenzene-d5	8.87	82	189072	76.62	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	74733	86.05	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	368892	64.35	ng	0.00
78) Terphenyl-d14	19.74	244	717941	70.16	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.46	42	48500	34.56	ng	# 1
32) Benzoic acid	9.74	122	123	Below Cal		# 71
35) Caprolactam	11.54	113	3508	3.89	ng	# 61
49) Dimethylphthalate	13.83	163	95251	14.74	ng	97

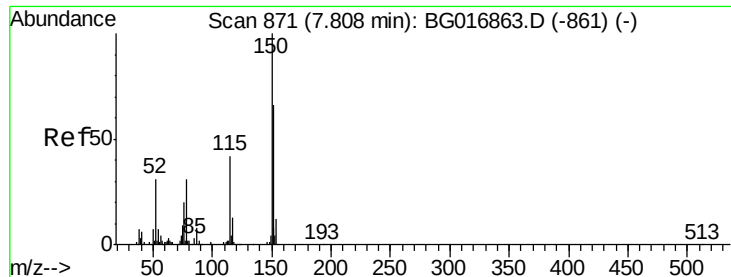
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051215\
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG017096.D

Acq: 12 May 2015 22:56

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-2.5

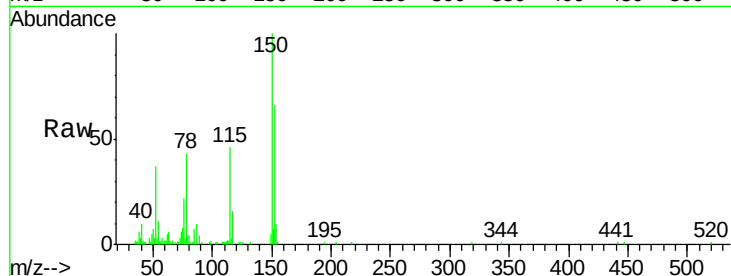
Tgt Ion:152 Resp: 31591

Ion Ratio Lower Upper

152 100

150 150.4 121.0 181.4

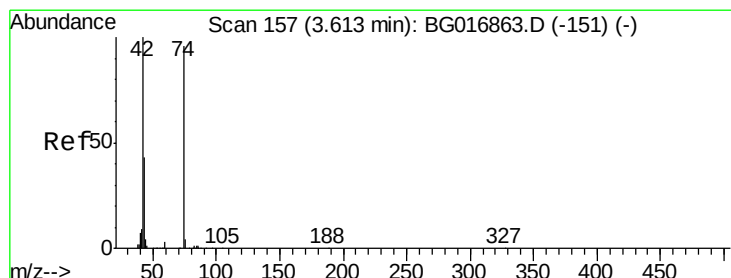
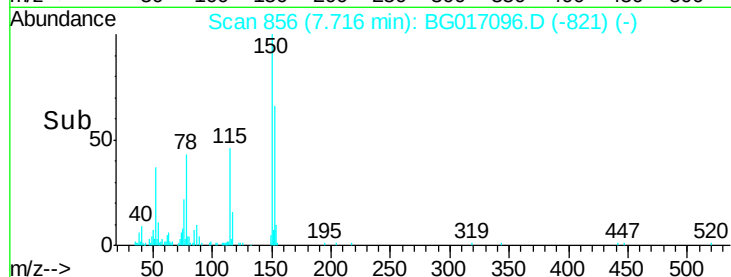
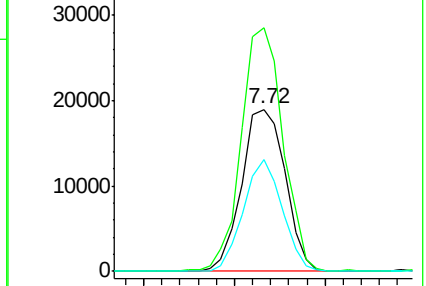
115 69.2 50.5 75.7



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



#4

n-Nitrosodimethylamine

Concen: 34.56 ng

RT: 3.46 min Scan# 131

Delta R.T. -0.04 min

Lab File: BG017096.D

Acq: 12 May 2015 22:56

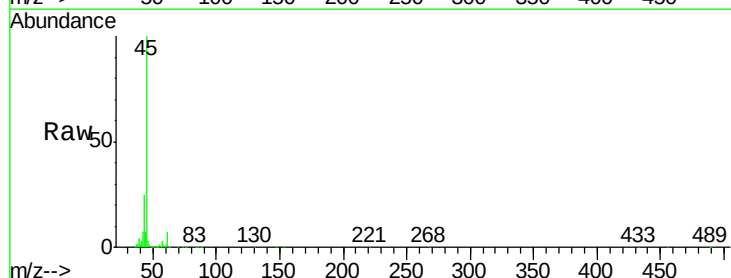
Tgt Ion: 42 Resp: 48500

Ion Ratio Lower Upper

42 100

74 0.0 76.2 114.2#

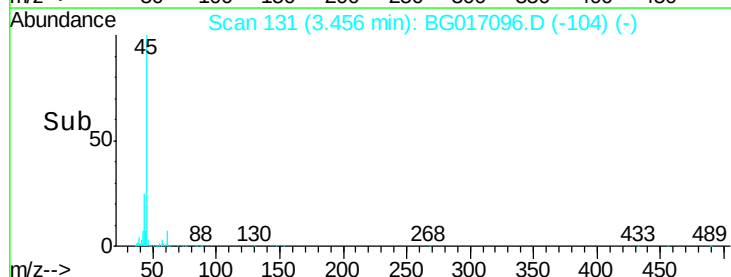
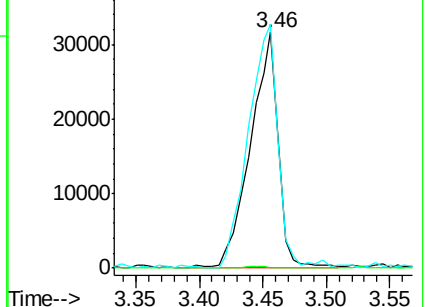
44 103.2 4.9 7.3#

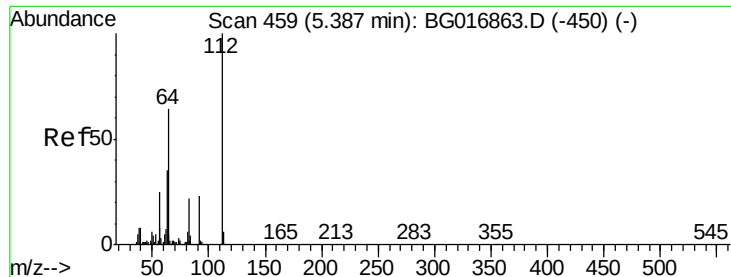


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.79 ng

RT: 5.31 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG017096.D

Acq: 12 May 2015 22:56

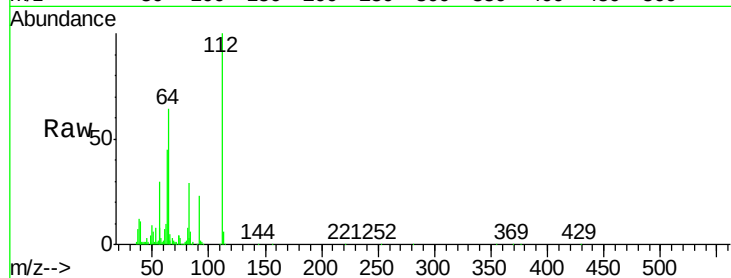
Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-2.5

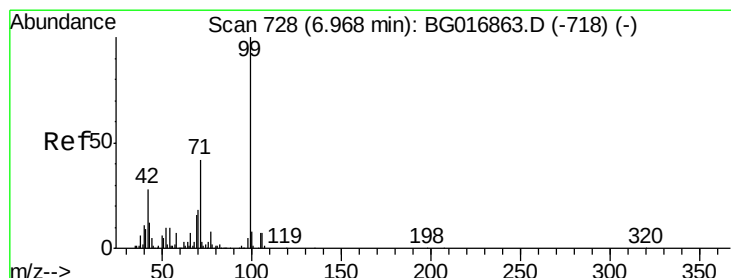
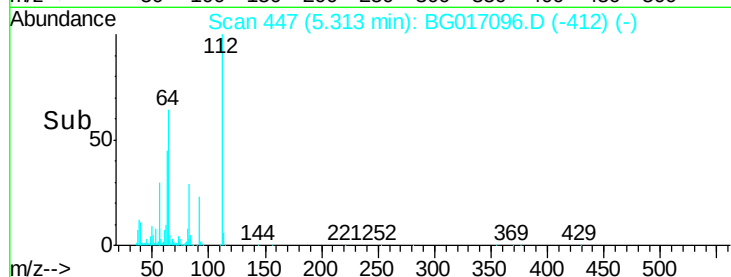
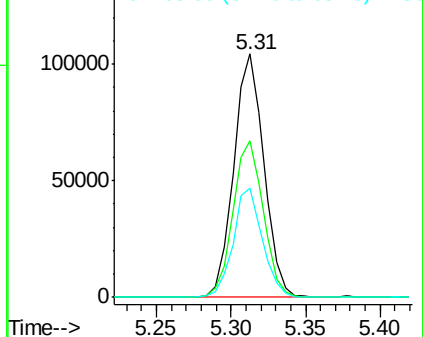
Tgt Ion:	112	Resp:	146571
Ion Ratio	Lower	Upper	
112	100		
64	64.4	51.4	77.2
63	44.8	28.1	42.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 99.15 ng

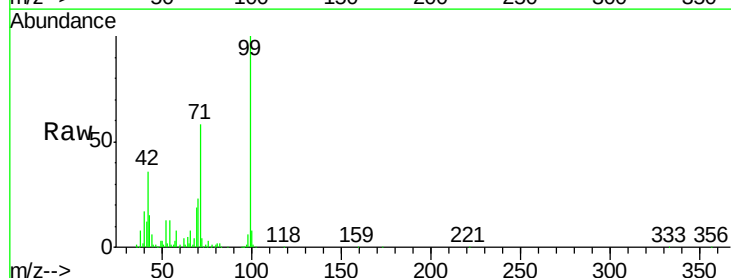
RT: 6.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG017096.D

Acq: 12 May 2015 22:56

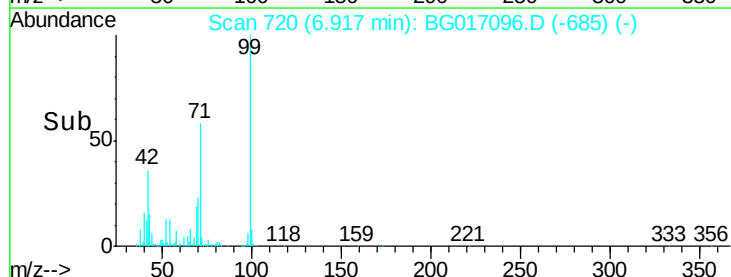
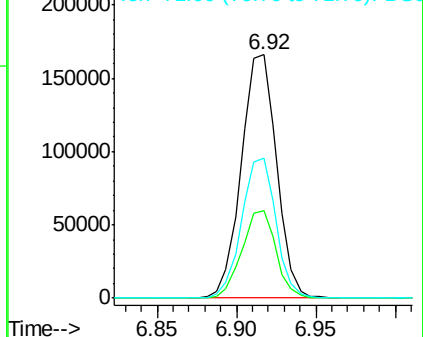
Tgt Ion:	99	Resp:	257007
Ion Ratio	Lower	Upper	
99	100		
42	35.7	22.1	33.1#
71	57.7	33.4	50.0#

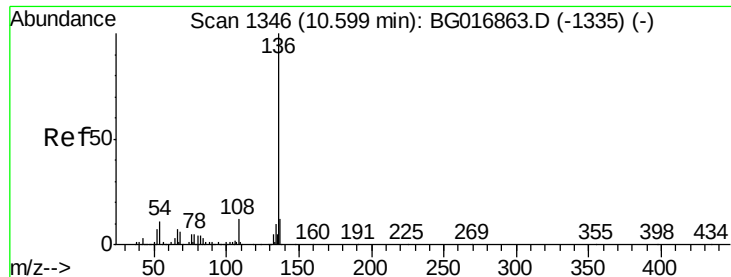


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

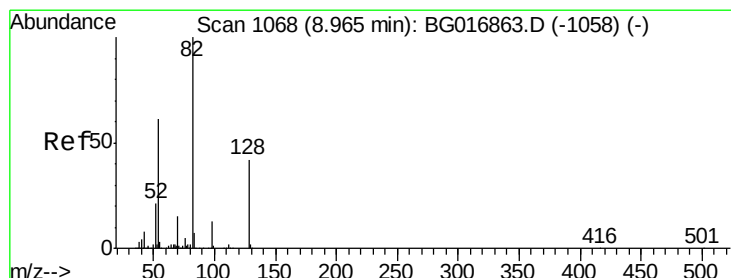
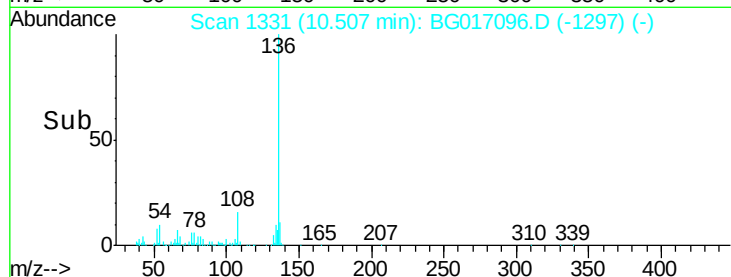
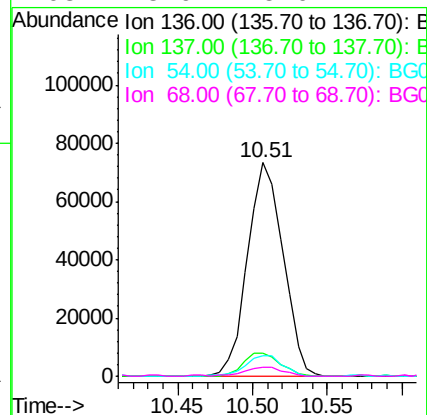
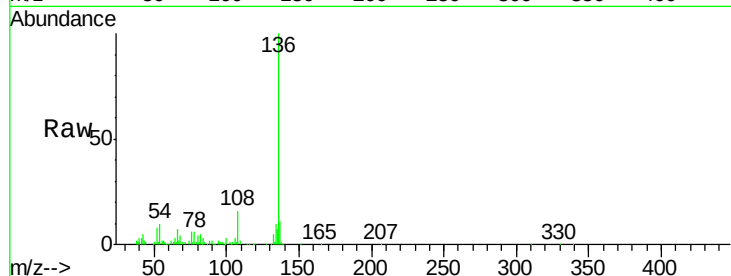




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG017096.D
Acq: 12 May 2015 22:56

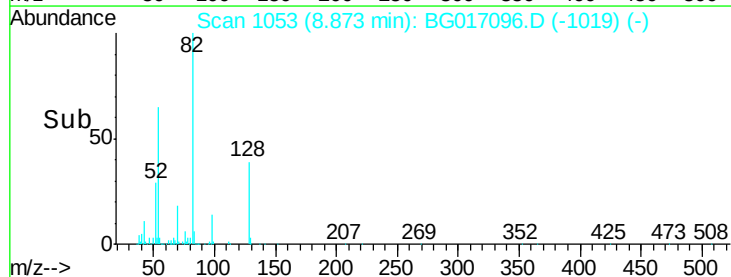
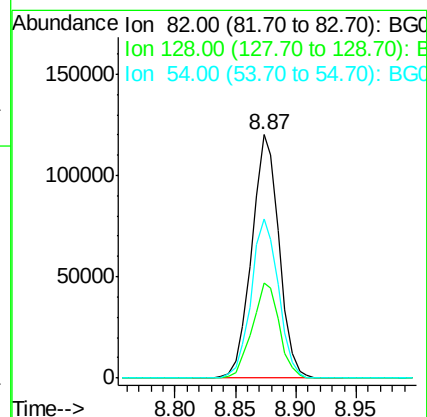
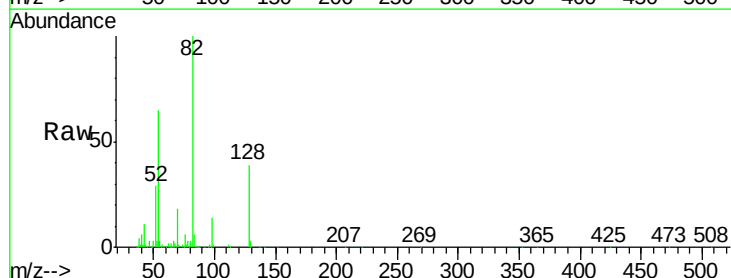
Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

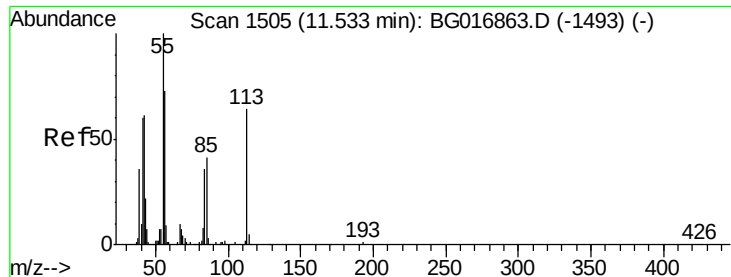
Tgt Ion:	136	Resp:	120559
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	9.5	8.7	13.1
68	3.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 76.62 ng
RT: 8.87 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG017096.D
Acq: 12 May 2015 22:56

Tgt Ion:	82	Resp:	189072
Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.2	49.8
54	65.3	48.6	72.8

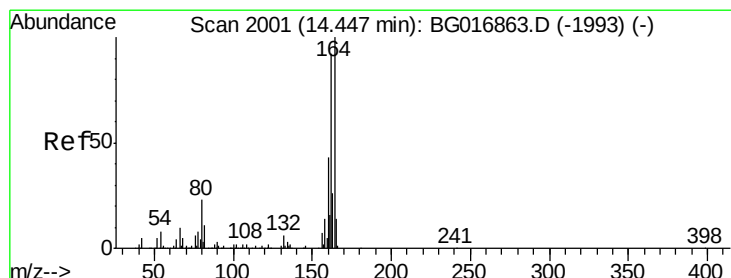
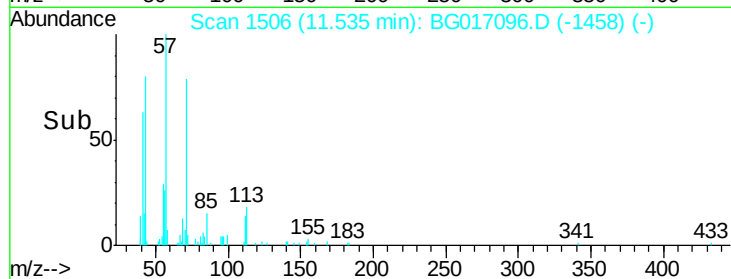
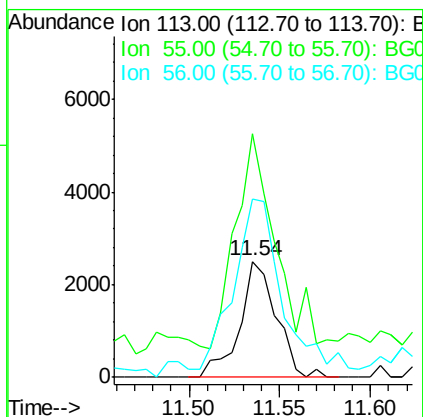
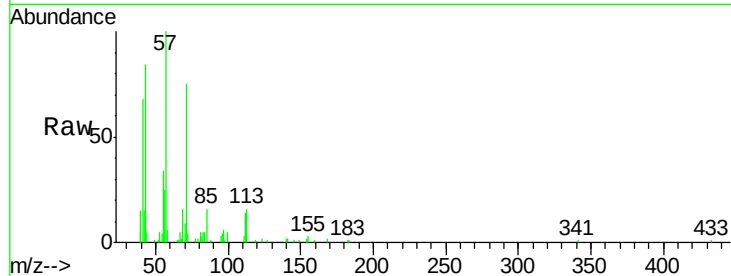




#35
 Caprolactam
 Concen: 3.89 ng
 RT: 11.54 min Scan# 1506
 Delta R.T. 0.08 min
 Lab File: BG017096.D
 Acq: 12 May 2015 22:56

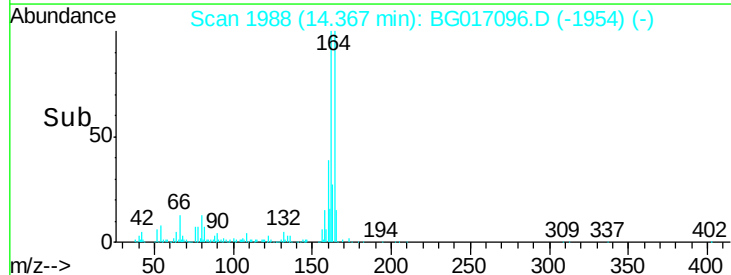
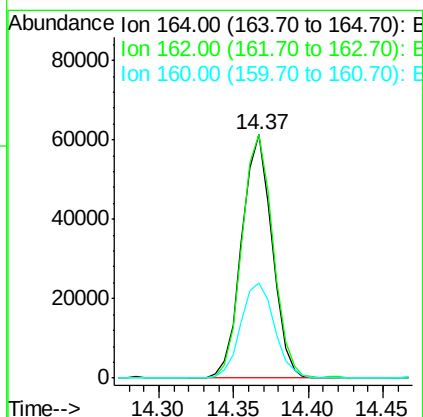
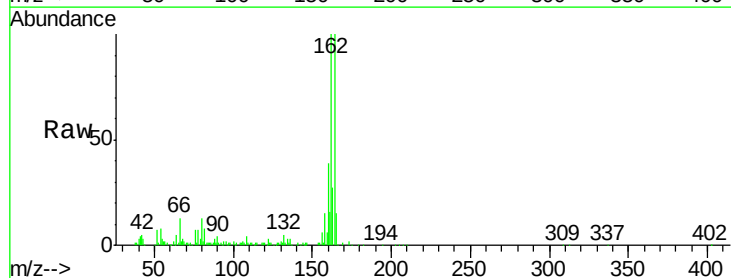
Instrument :
 BNA_G
 ClientSampled :
 TU021-SB-17-2.5

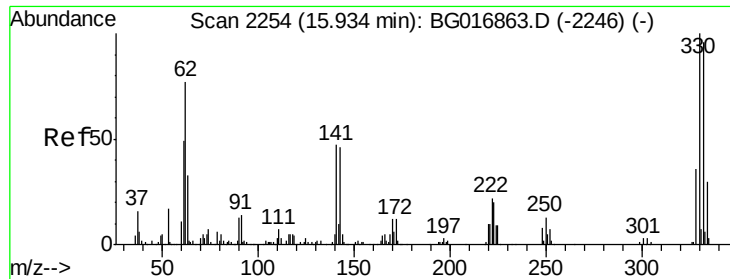
Tgt Ion:113 Resp: 3508
 Ion Ratio Lower Upper
 113 100
 55 209.7 137.1 177.1#
 56 153.3 94.3 134.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BG017096.D
 Acq: 12 May 2015 22:56

Tgt Ion:164 Resp: 86512
 Ion Ratio Lower Upper
 164 100
 162 100.0 74.0 111.0
 160 39.0 34.7 52.1

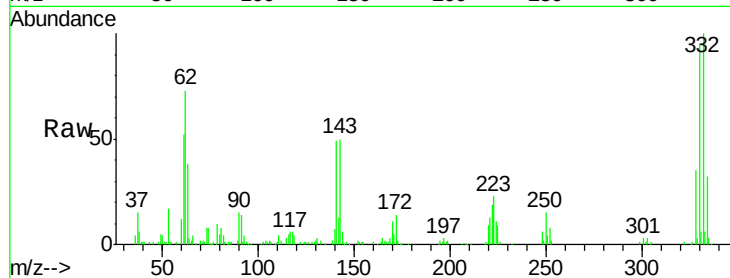




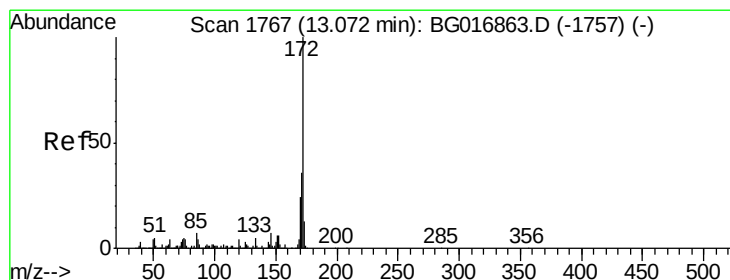
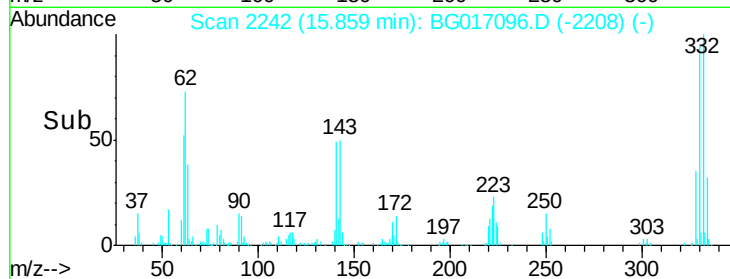
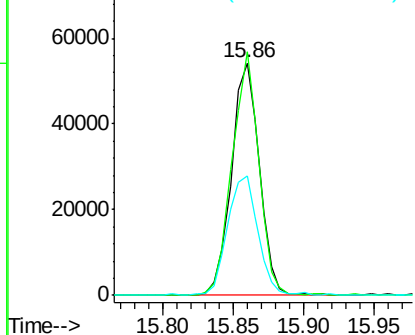
#41
 2,4,6-Tribromophenol
 Concen: 86.05 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017096.D
 Acq: 12 May 2015 22:56

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-17-2.5

Tgt Ion:330 Resp: 74733
 Ion Ratio Lower Upper
 330 100
 332 100.0 0.0 0.0#
 141 56.0 0.0 0.0#

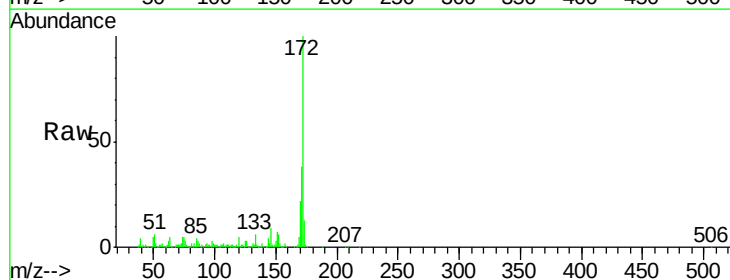


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

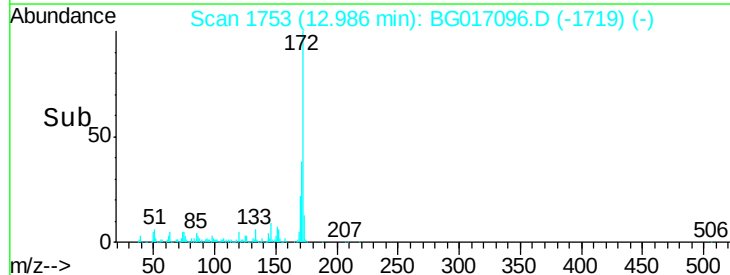
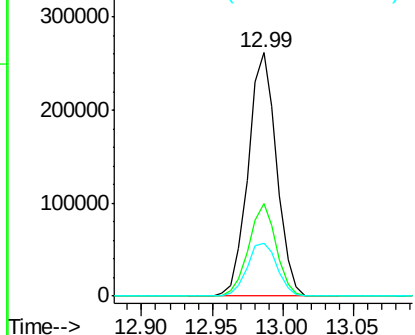


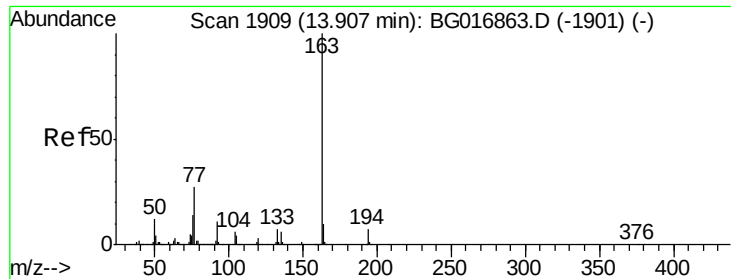
#44
 2-Fluorobiphenyl
 Concen: 64.35 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017096.D
 Acq: 12 May 2015 22:56

Tgt Ion:172 Resp: 368892
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.0 43.4
 170 21.9 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.74 ng

RT: 13.83 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG017096.D

Acq: 12 May 2015 22:56

Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-2.5

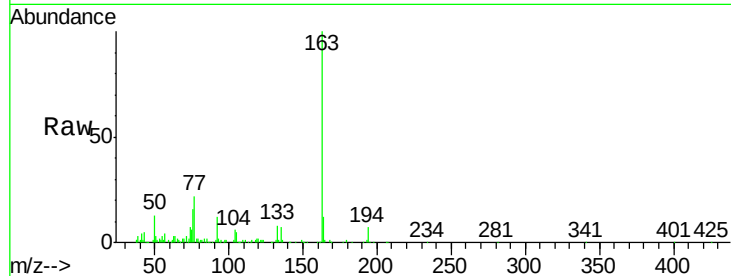
Tgt Ion:163 Resp: 95251

Ion Ratio Lower Upper

163 100

194 7.1 5.2 7.8

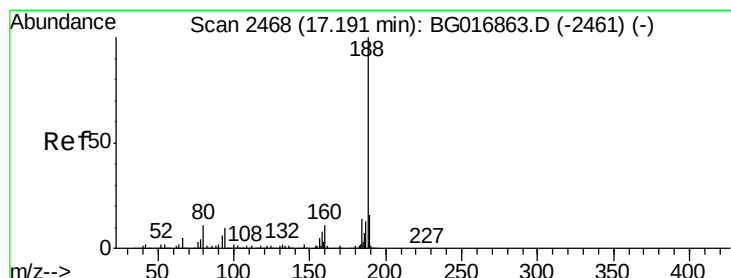
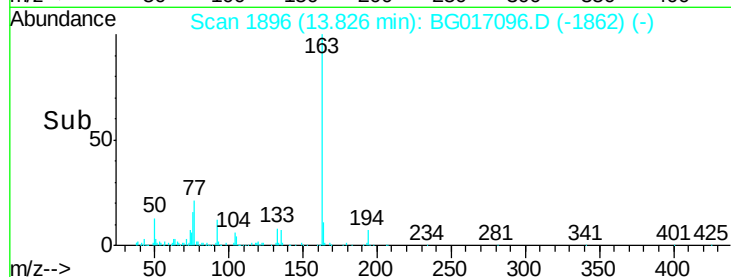
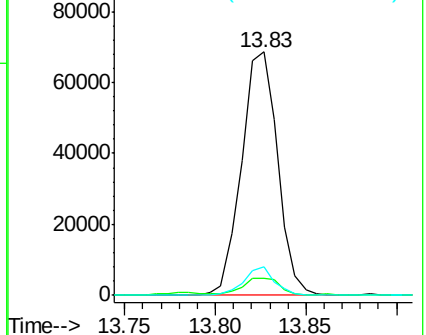
164 11.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017096.D

Acq: 12 May 2015 22:56

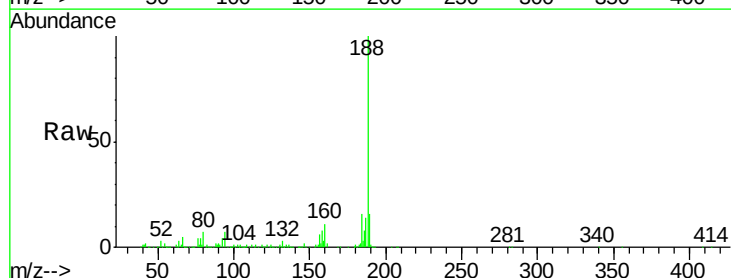
Tgt Ion:188 Resp: 215846

Ion Ratio Lower Upper

188 100

94 7.3 8.2 12.4#

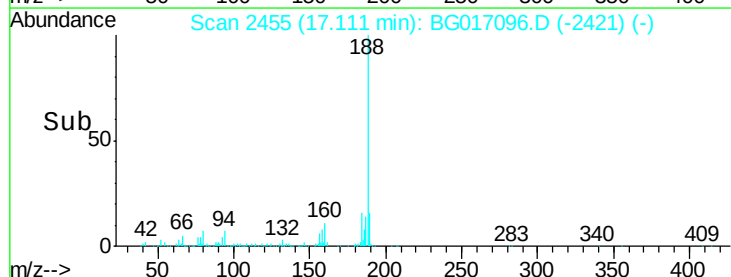
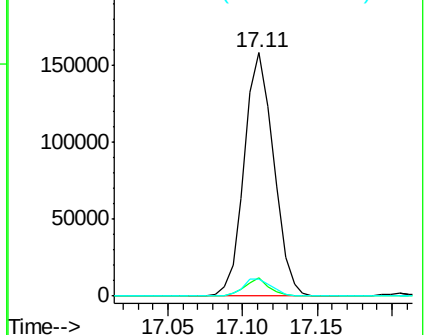
80 7.1 8.8 13.2#

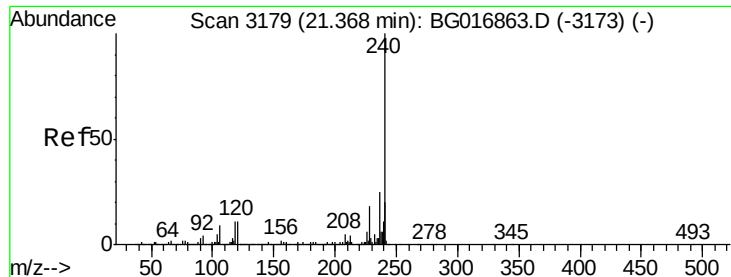


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG017096.D

Acq: 12 May 2015 22:56

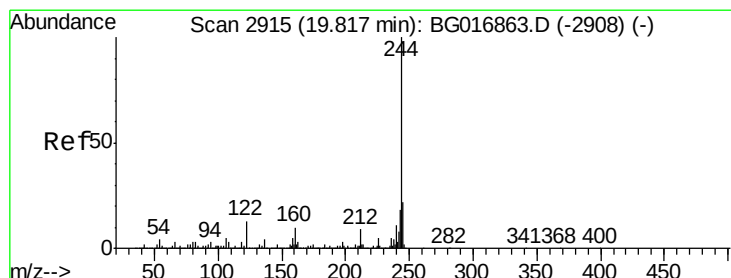
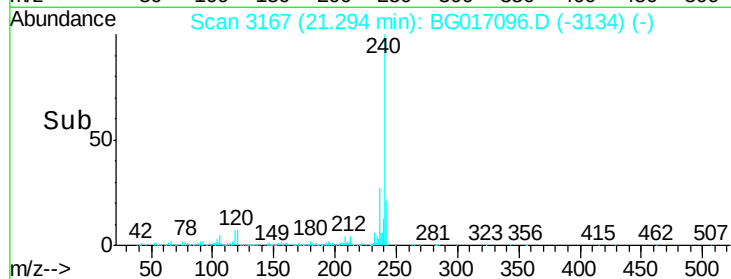
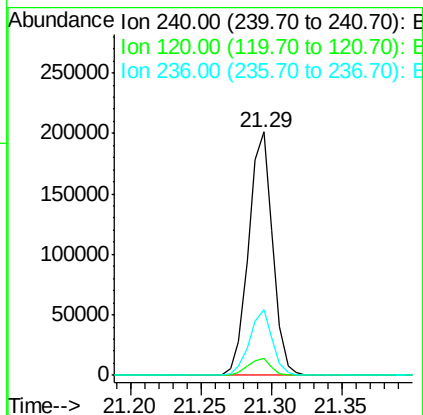
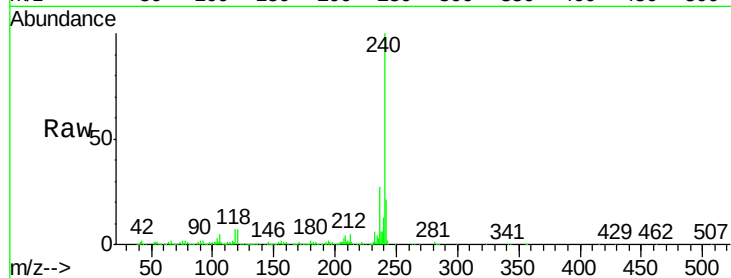
Instrument :

BNA_G

ClientSampleId :

TU021-SB-17-2.5

Tgt Ion:	240	Resp:	239902
Ion Ratio	Lower	Upper	
240	100		
120	6.8	9.1	13.7#
236	27.0	20.2	30.4



#78

Terphenyl-d14

Concen: 70.16 ng

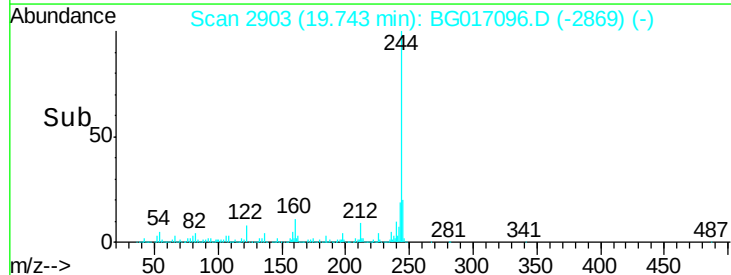
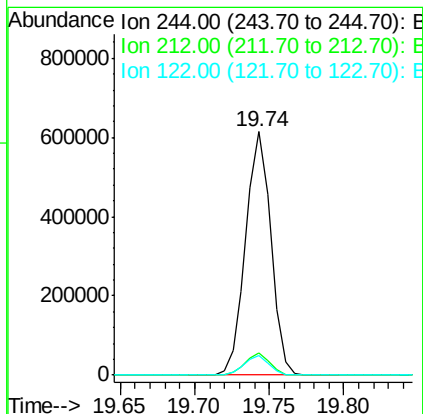
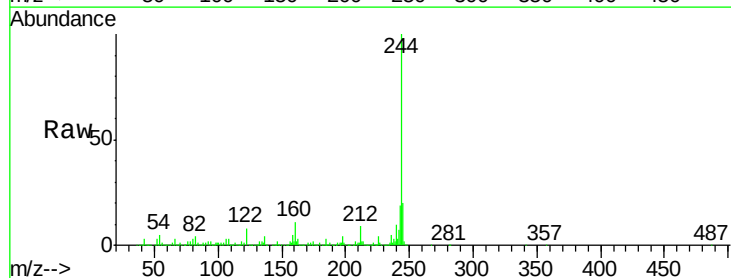
RT: 19.74 min Scan# 2903

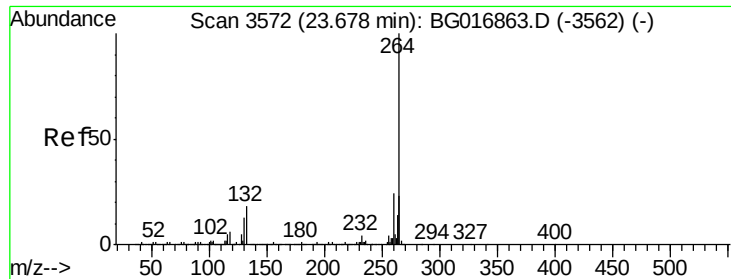
Delta R.T. -0.00 min

Lab File: BG017096.D

Acq: 12 May 2015 22:56

Tgt Ion:	244	Resp:	717941
Ion Ratio	Lower	Upper	
244	100		
212	9.3	7.0	10.6
122	8.2	10.4	15.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG017096.D
Acq: 12 May 2015 22:56

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Tgt Ion:	264	Resp:	245537
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	20.0	18.5	27.7

