

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088743.D
 Acq On : 6 Jul 2016 19:32
 Operator : UM/SJ
 Sample : PB91867BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91867BL

Quant Time: Jul 07 01:24:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

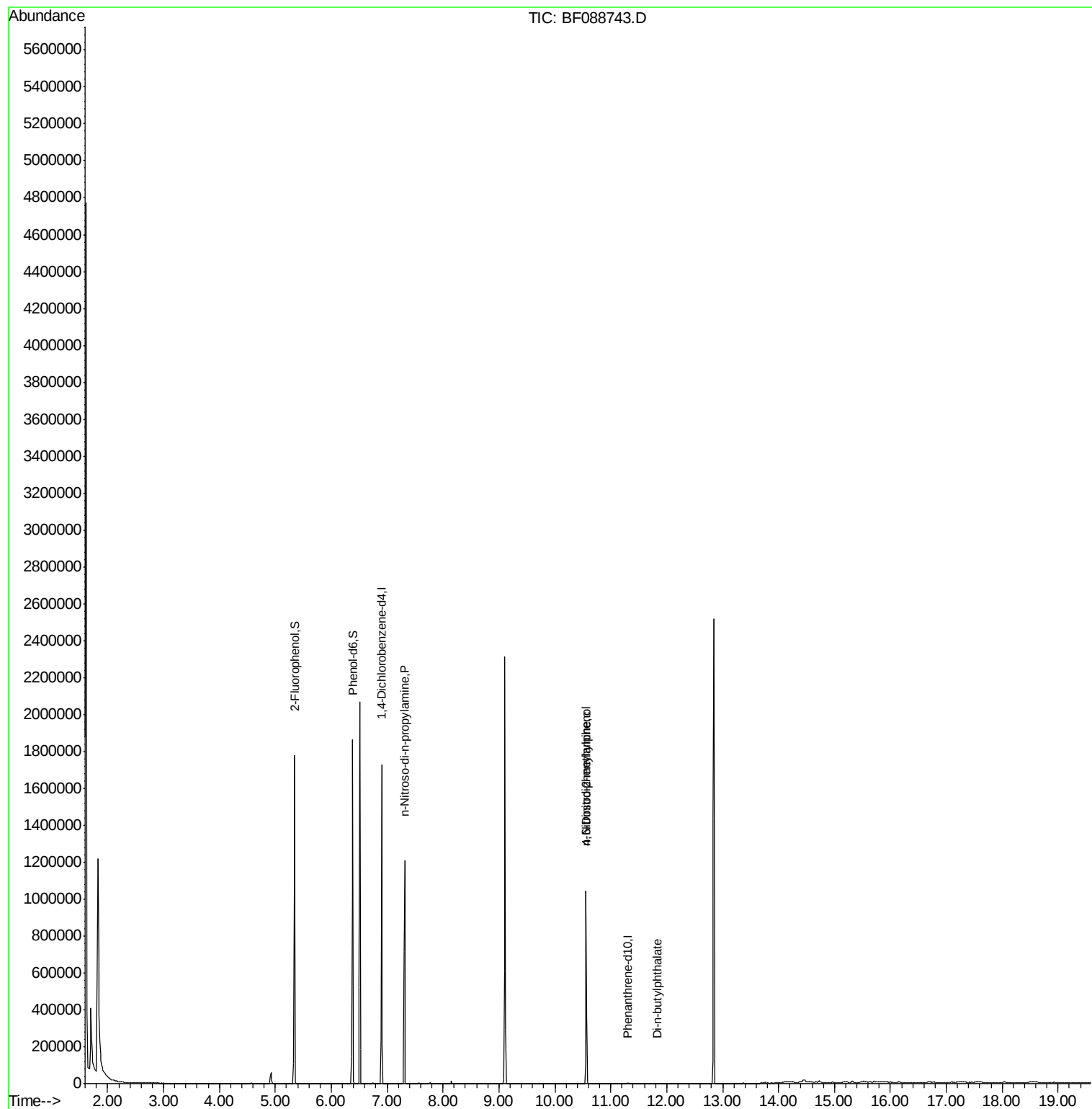
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	237263	20.00	ng	0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.03
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.78
63) Phenanthrene-d10	11.30	188	2373	20.00	ng	0.05
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.89
86) Perylene-d12	0.00	264	0	0.00	ng	-15.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	597581	37.75	ng	0.01
7) Phenol-d6	6.39	99	770380	37.66	ng	0.00
23) Nitrobenzene-d5	7.31	82	489650	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	127131	0.00	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	725588	0.00	ng	-0.01
78) Terphenyl-d14	12.85	244	907802	0.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	65198	4.74	ng	# 68
64) 4,6-Dinitro-2-methylphenol	10.56	198	241	18.99	ng	# 1
65) n-Nitrosodiphenylamine	10.56	169	4423	55.07	ng	# 47
73) Di-n-butylphthalate	11.83	149	314	2.22	ng	# 77

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF088743.D

Acq: 6 Jul 2016 19:32

Instrument :

BNA_F

ClientSampled :

PB91867BL

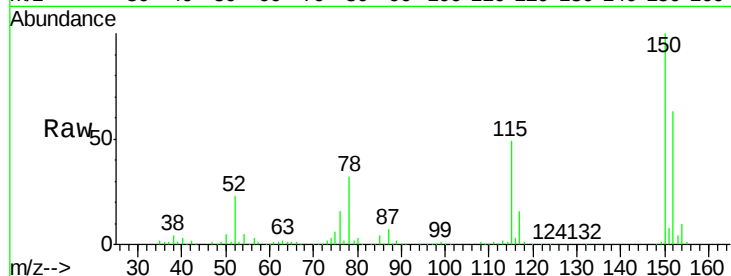
Tot Ion:152 Resp: 237263

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

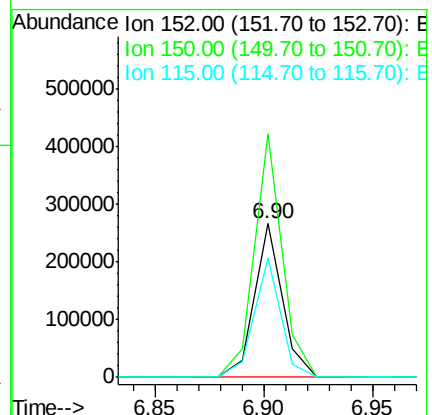
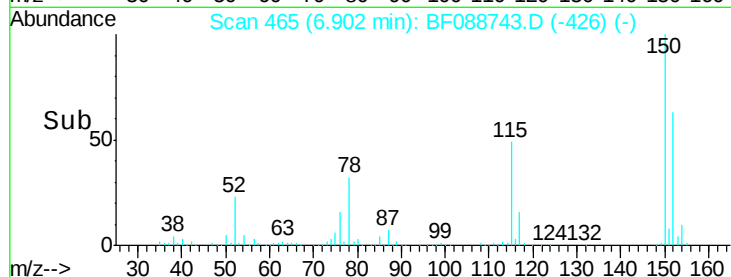
115 78.0 39.6 59.4#



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: 37.75 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.01 min

Lab File: BF088743.D

Acq: 6 Jul 2016 19:32

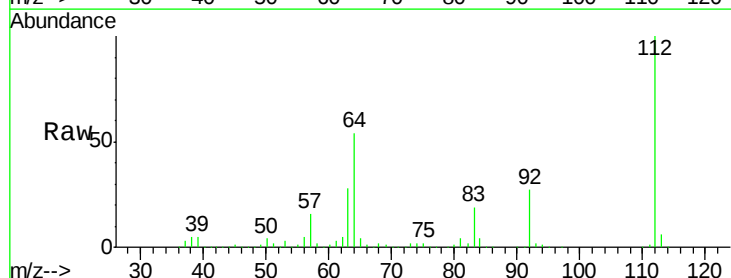
Tgt Ion:112 Resp: 597581

Ion Ratio Lower Upper

112 100

64 53.7 42.2 63.2

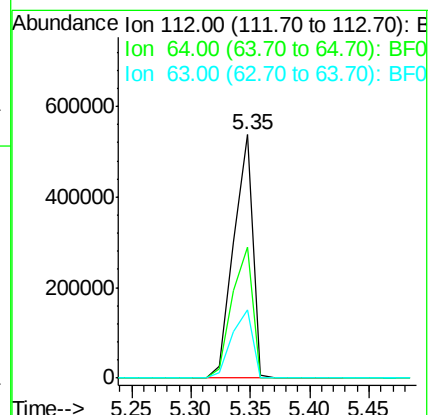
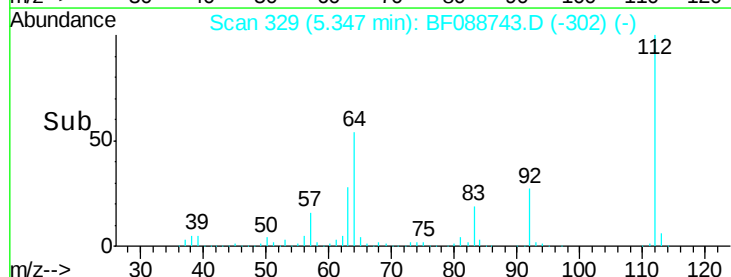
63 28.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.66 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088743.D

Acq: 6 Jul 2016 19:32

Instrument :

BNA_F

ClientSampleId :

PB91867BL

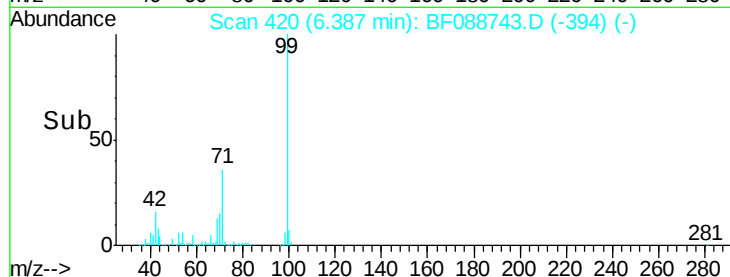
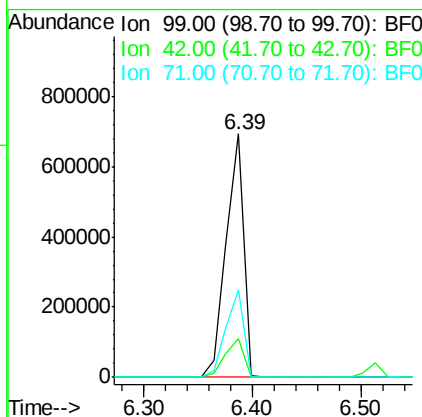
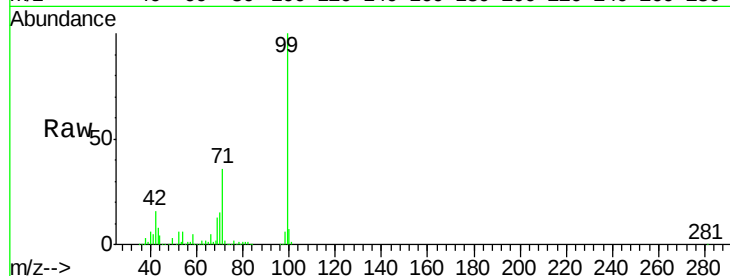
Tot Ion: 99 Resp: 770380

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

71 36.1 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 4.74 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.14 min

Lab File: BF088743.D

Acq: 6 Jul 2016 19:32

Tgt Ion: 70 Resp: 65198

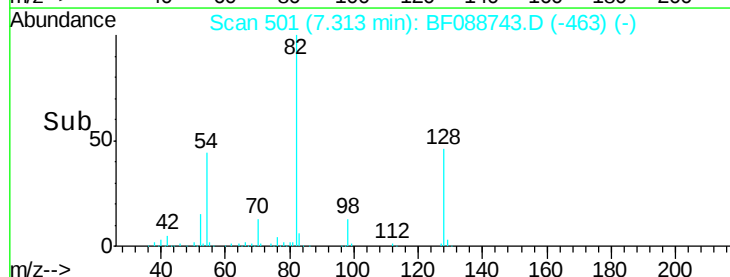
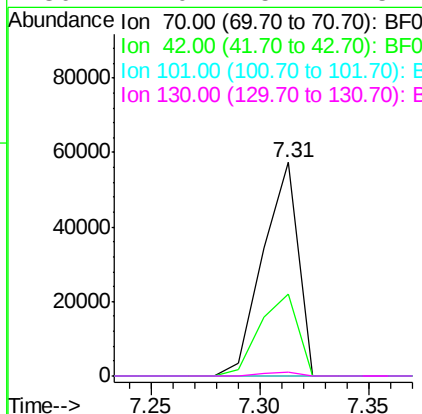
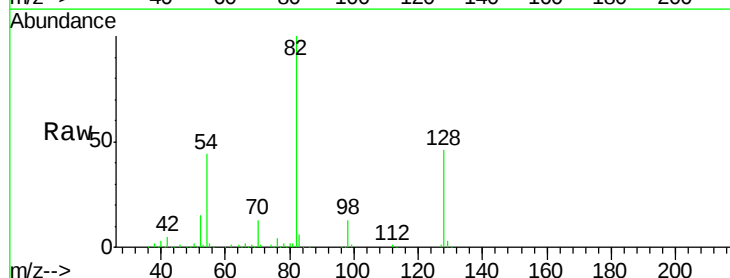
Ion Ratio Lower Upper

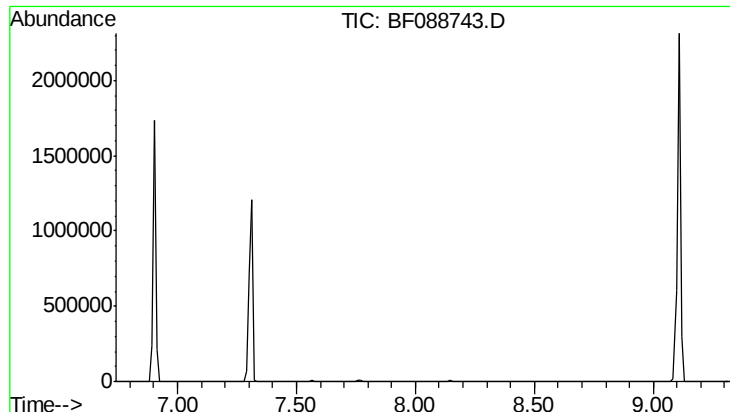
70 100

42 38.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

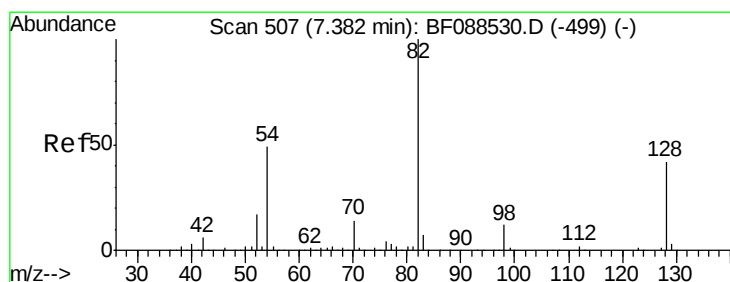
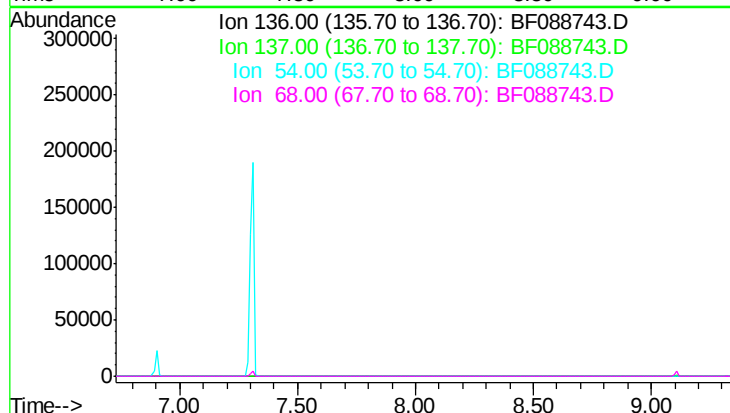




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.03 min
Lab File: BF088743.D
Acq: 6 Jul 2016 19:32

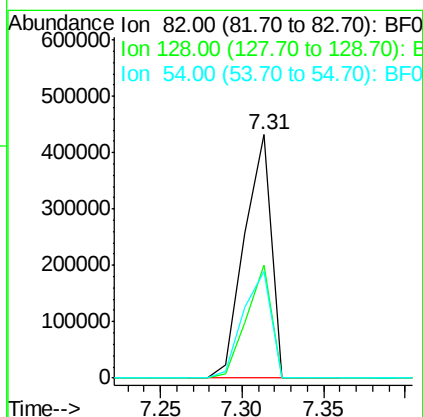
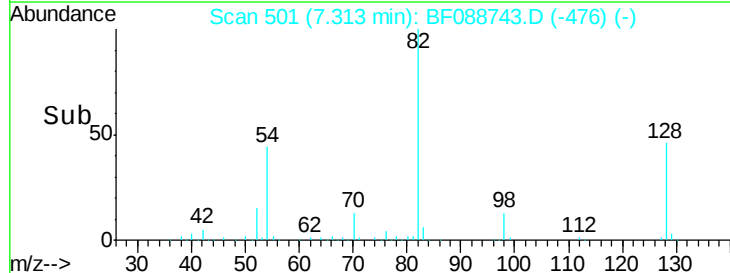
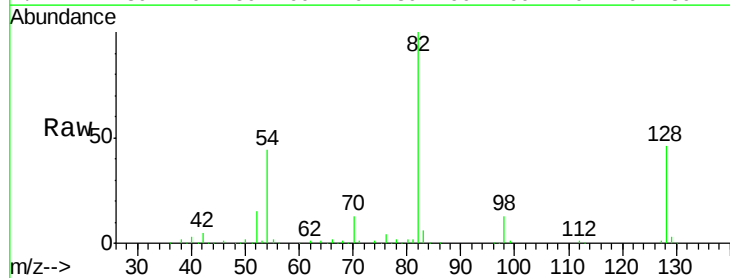
Instrument :
BNA_F
ClientSampleId :
PB91867BL

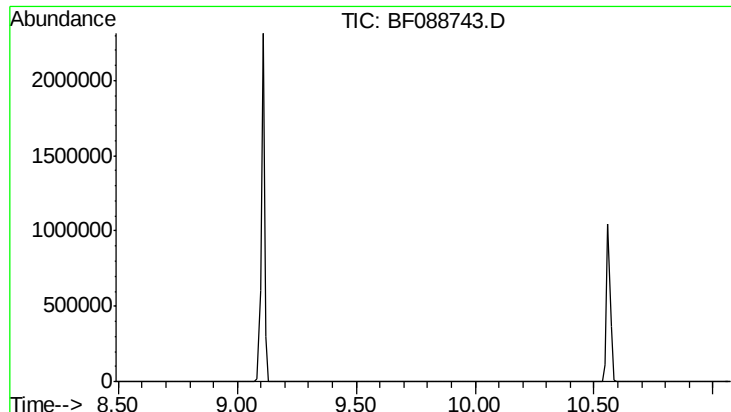
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.4
54 8.3
68 6.4



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF088743.D
Acq: 6 Jul 2016 19:32

Tgt Ion: 82 Resp: 489650
Ion Ratio Lower Upper
82 100
128 46.2 35.9 53.9
54 43.9 40.9 61.3

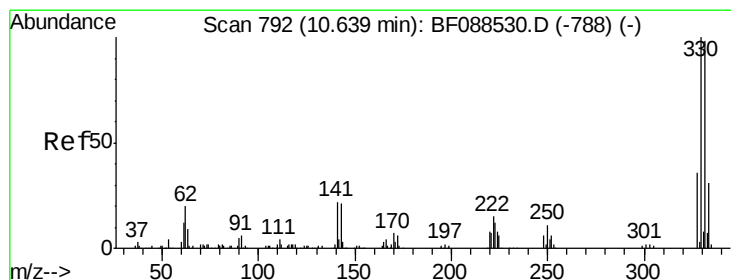
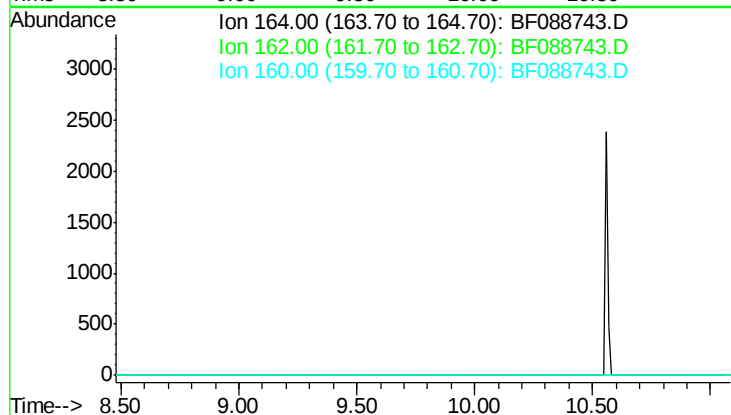




#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.78 min
 Lab File: BF088743.D
 Acq: 6 Jul 2016 19:32

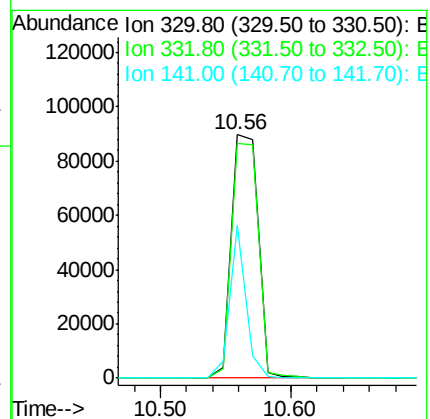
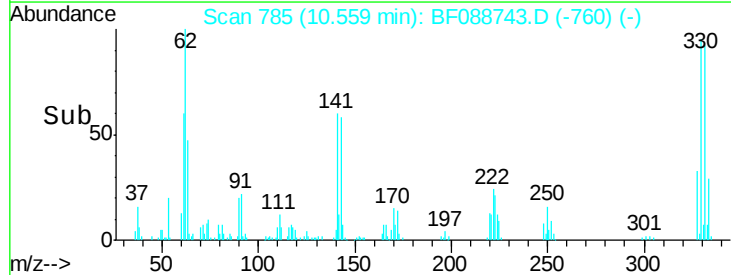
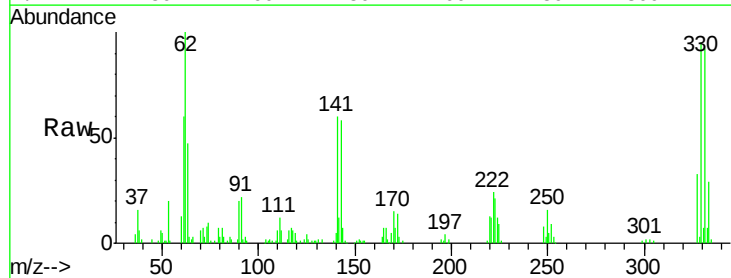
Instrument :
 BNA_F
 ClientSampleId :
 PB91867BL

Tot Ion: 164
 Sig Exp Ratio
 164 100
 162 106.8
 160 49.4



#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088743.D
 Acq: 6 Jul 2016 19:32

Tgt Ion: 330 Resp: 127131
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 38.4 0.0 0.0#

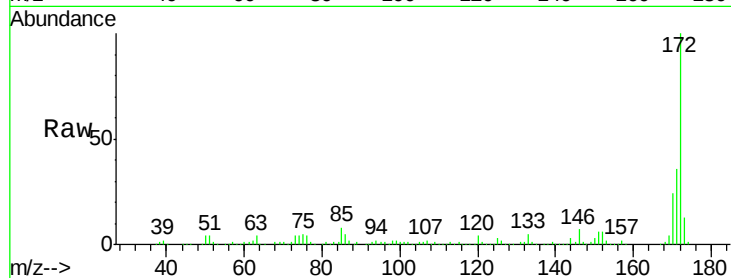




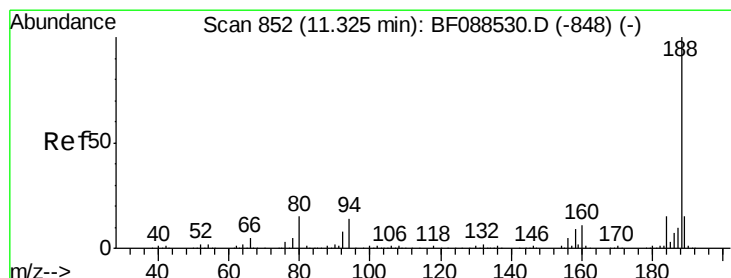
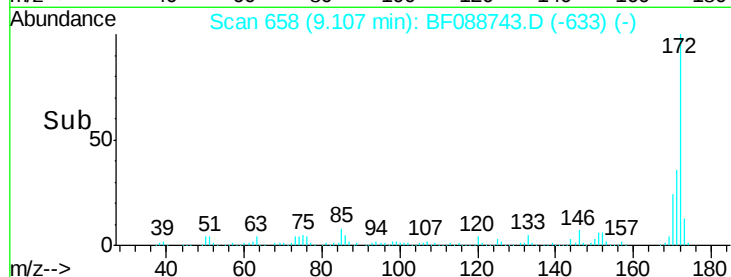
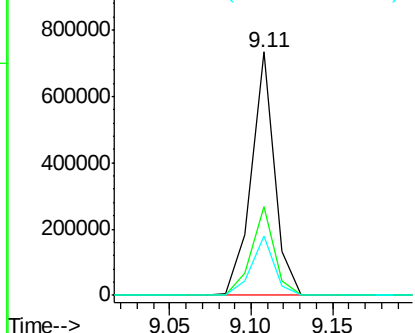
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088743.D
 Acq: 6 Jul 2016 19:32

Instrument :
 BNA_F
 ClientSampleID :
 PB91867BL

Tot Ion:172 Resp: 725588
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.1 19.2 28.8

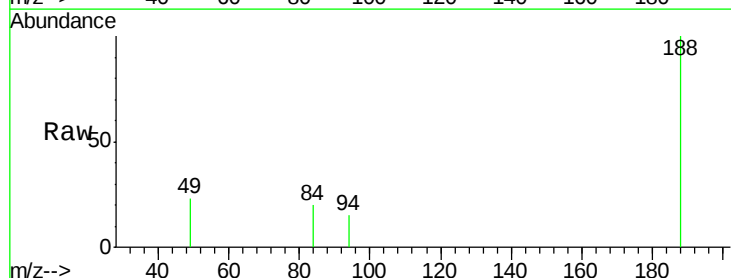


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

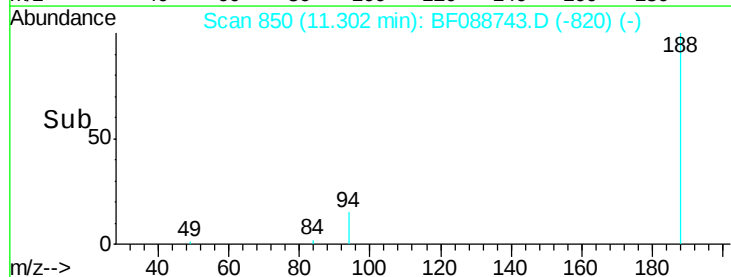
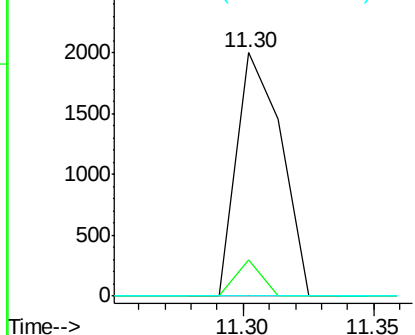


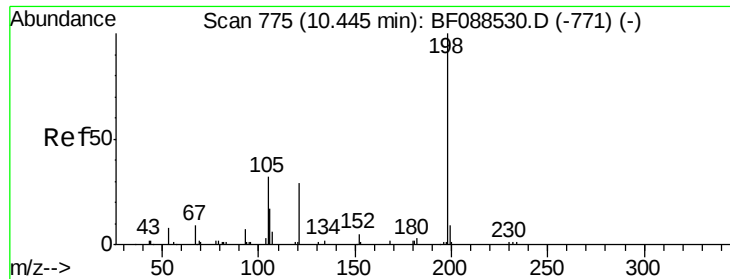
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.05 min
 Lab File: BF088743.D
 Acq: 6 Jul 2016 19:32

Tgt Ion:188 Resp: 2373
 Ion Ratio Lower Upper
 188 100
 94 15.1 9.0 13.6#
 80 0.0 10.0 15.0#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 18.99 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.17 min

Lab File: BF088743.D

Acq: 6 Jul 2016 19:32

Instrument :

BNA_F

ClientSampleId :

PB91867BL

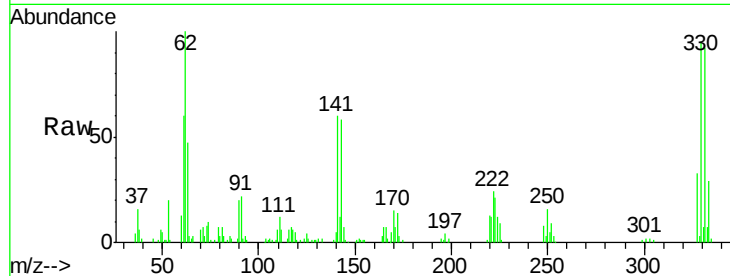
Tot Ion:198 Resp: 241

Ion Ratio Lower Upper

198 100

51 250.6 39.6 79.6#

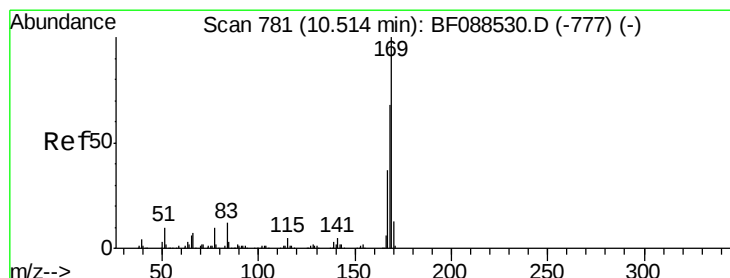
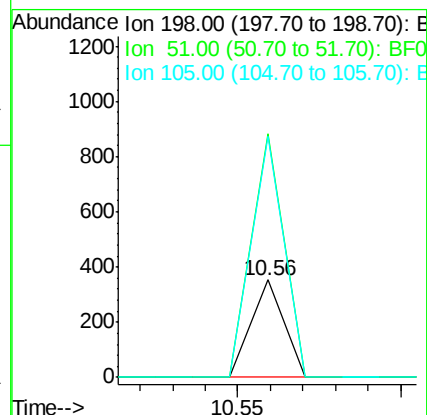
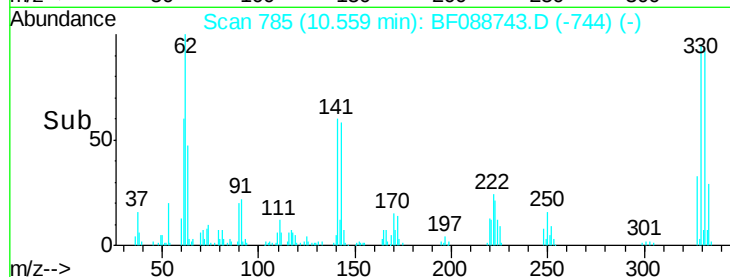
105 248.6 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 55.07 ng

RT: 10.56 min Scan# 785

Delta R.T. 0.11 min

Lab File: BF088743.D

Acq: 6 Jul 2016 19:32

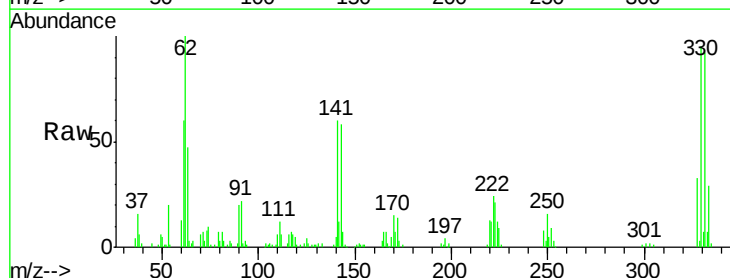
Tgt Ion:169 Resp: 4423

Ion Ratio Lower Upper

169 100

168 6.1 53.4 80.0#

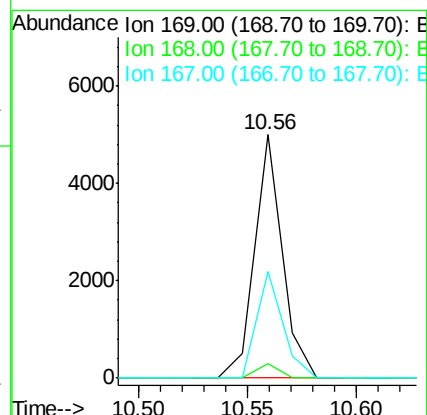
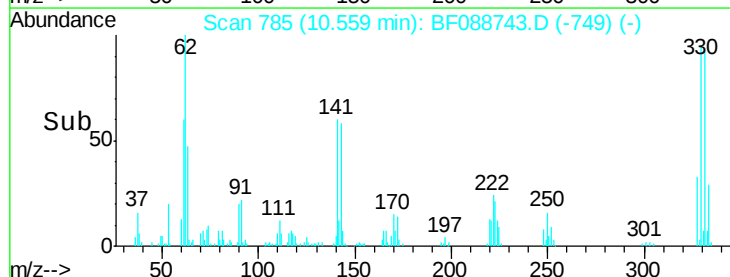
167 43.9 29.4 44.0

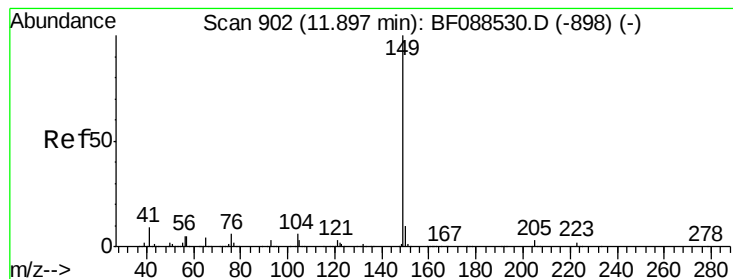


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#73

Di-n-butylphthalate

Concen: 2.22 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF088743.D

Acq: 6 Jul 2016 19:32

Instrument :

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ClientSampleId :

PB91867BL

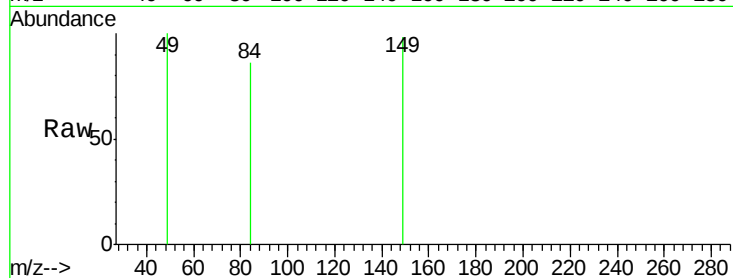
Tot Ion:149 Resp: 314

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.83

400

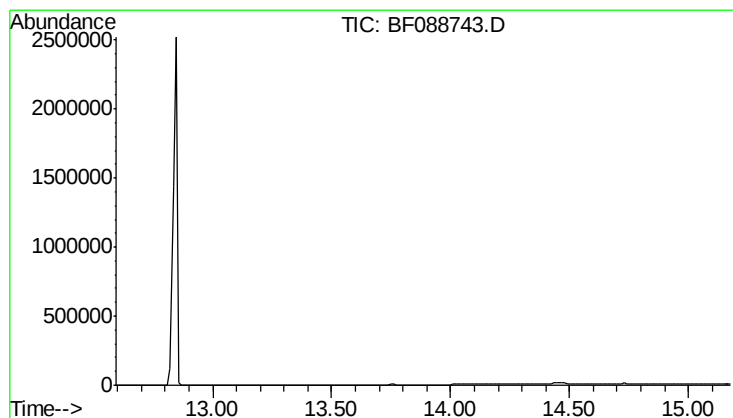
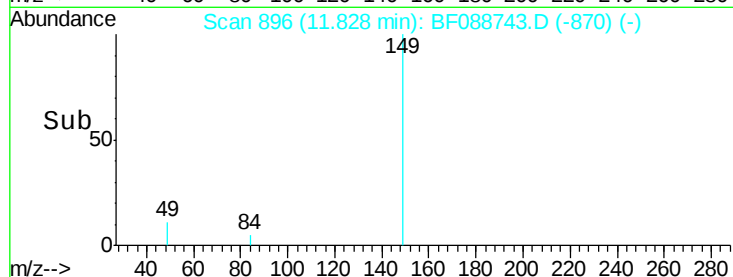
300

200

100

0

Time--> 11.80 11.85



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 13.89 min

Lab File: BF088743.D

Acq: 6 Jul 2016 19:32

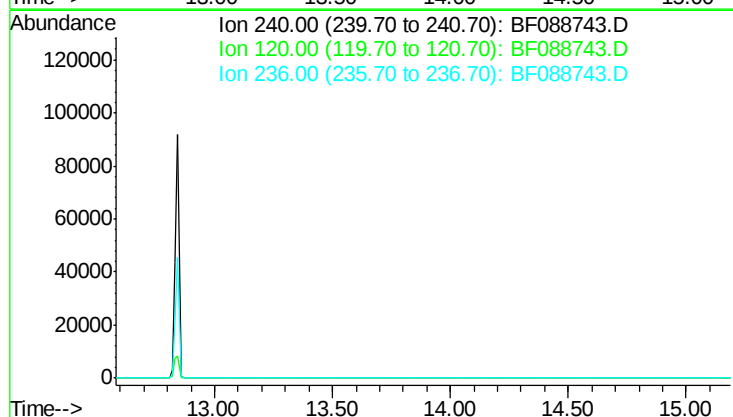
Tgt Ion: 240

Sig Exp Ratio

240 100

120 8.5

236 25.2

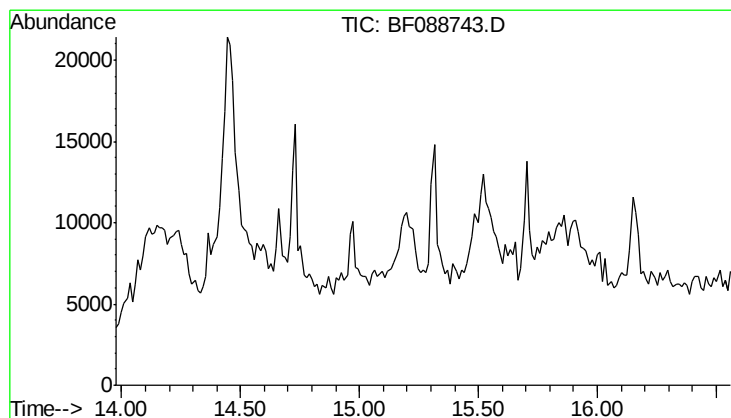
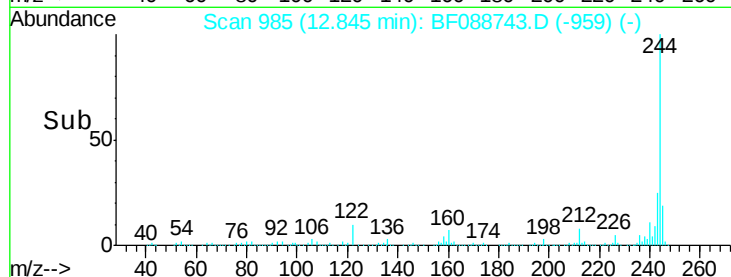
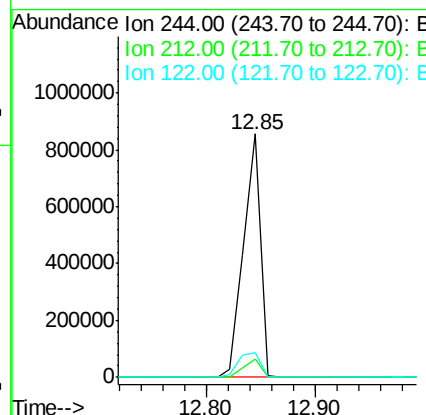
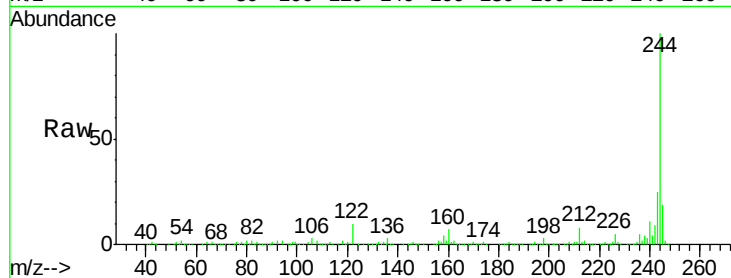




#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF088743.D
 Acq: 6 Jul 2016 19:32

Instrument :
 BNA_F
 ClientSampleID :
 PB91867BL

Tot Ion: 244 Resp: 907802
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 10.0 11.2 16.8#



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 15.27 min
 Lab File: BF088743.D
 Acq: 6 Jul 2016 19:32

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.0
 265 21.1

