

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082952.D
 Acq On : 16 Nov 2015 21:55
 Operator : UM/IZ
 Sample : G4446-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-D-M

Quant Time: Nov 17 00:11:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

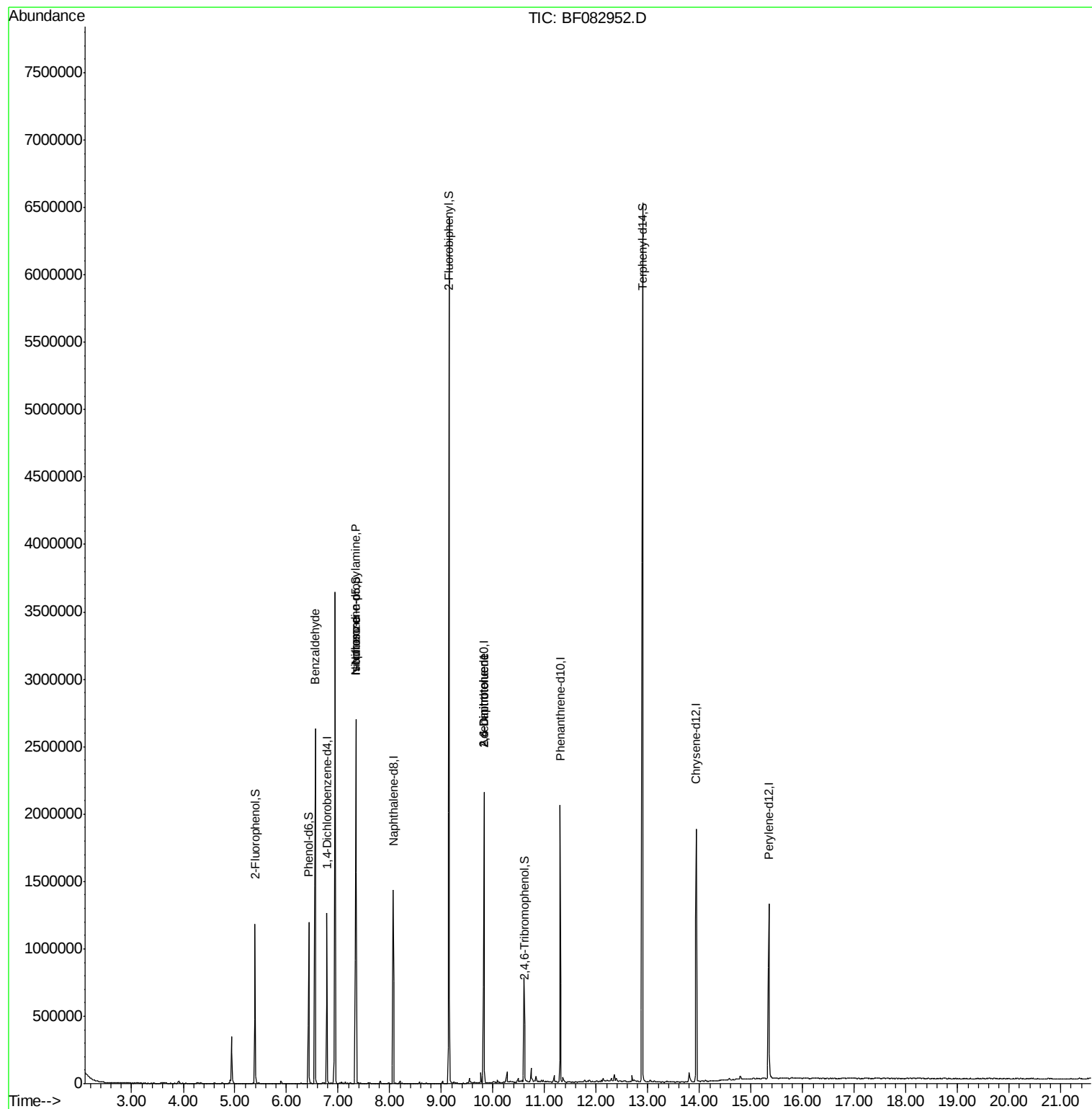
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	214050	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	761512	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	453560	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	809778	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	827204	20.00	ng	-0.08
86) Perylene-d12	15.35	264	649571	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	338246	24.59	ng	-0.06
7) Phenol-d6	6.43	99	425256	23.25	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1275501	72.88	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	106650	20.51	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2049875	64.78	ng	-0.07
78) Terphenyl-d14	12.90	244	2412732	69.18	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	20269	2.01	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.34	70	168839	12.56	ng	# 72
25) Isophorone	7.34	82	1266006	39.10	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	57750	7.28	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	57751	5.37	ng	# 16

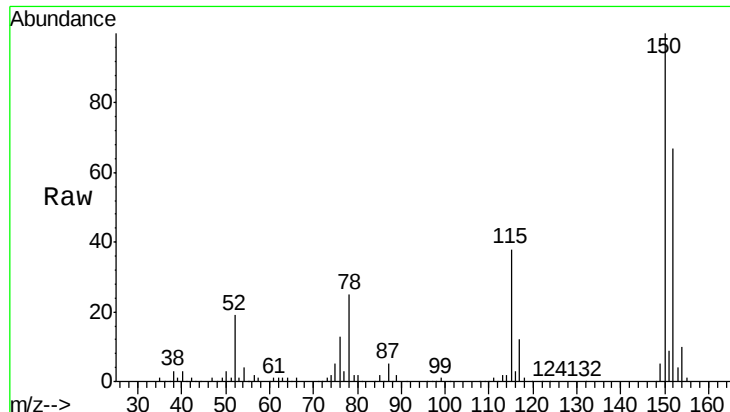
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

111315-A263-E-D-M

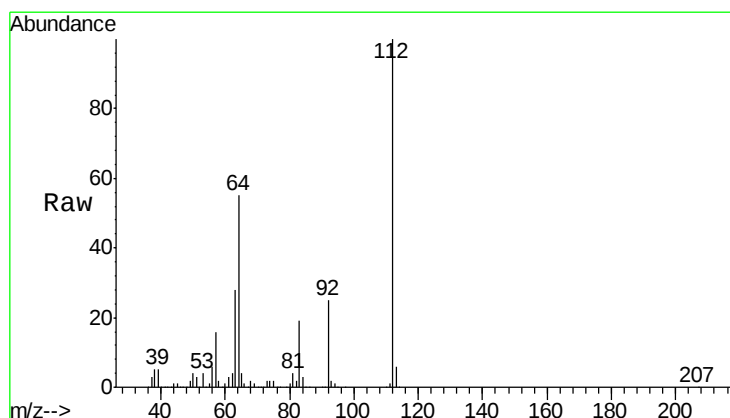
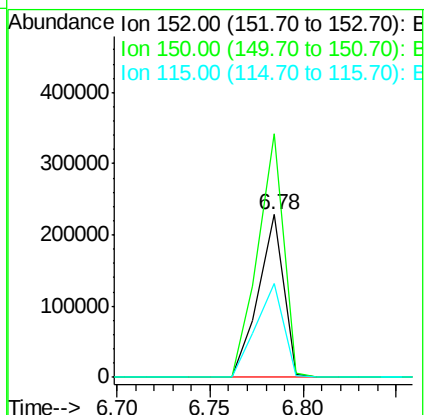
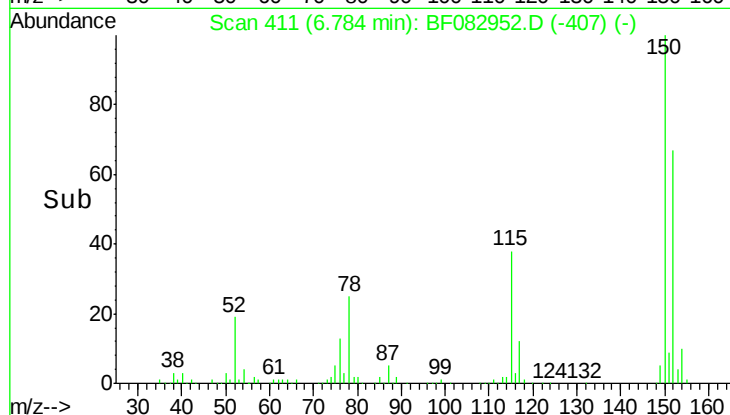
Tgt Ion:152 Resp: 214050

Ion Ratio Lower Upper

152 100

150 149.9 127.0 190.4

115 57.6 47.0 70.6



#5

2-Fluorophenol

Concen: 24.59 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

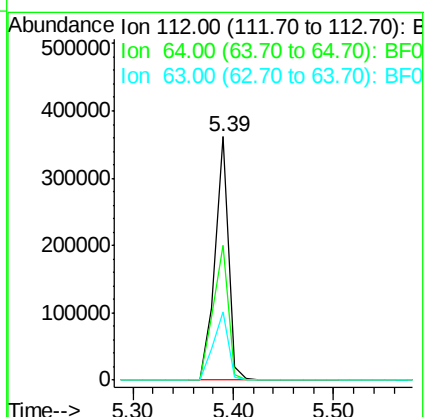
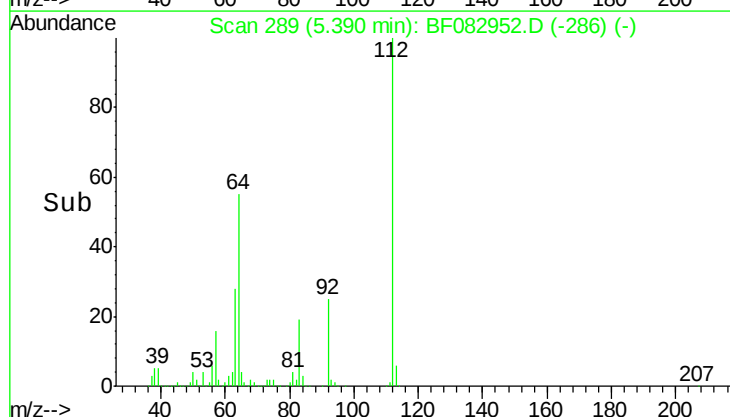
Tgt Ion:112 Resp: 338246

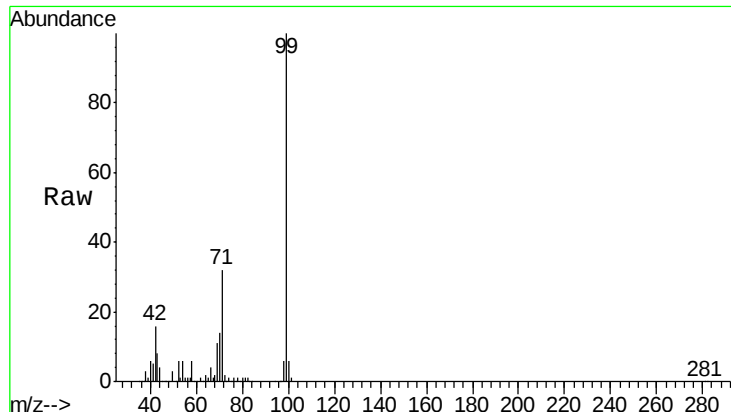
Ion Ratio Lower Upper

112 100

64 55.1 48.9 73.3

63 28.1 28.1 42.1





#7

Phenol-d6

Concen: 23.25 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

111315-A263-E-D-M

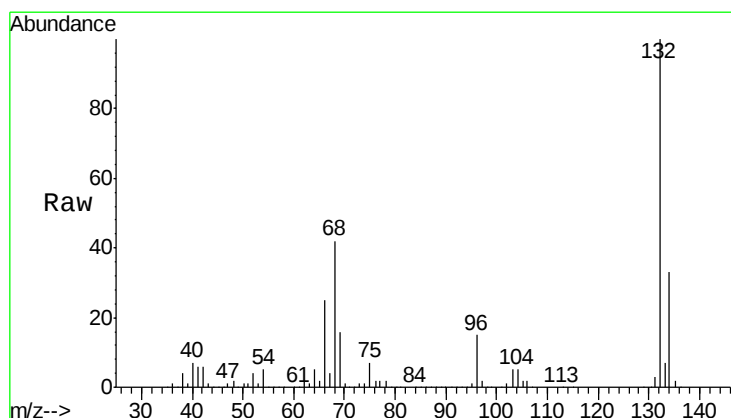
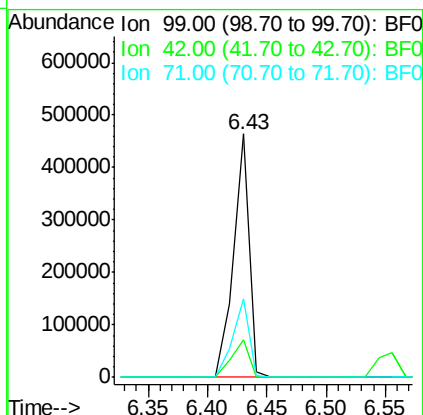
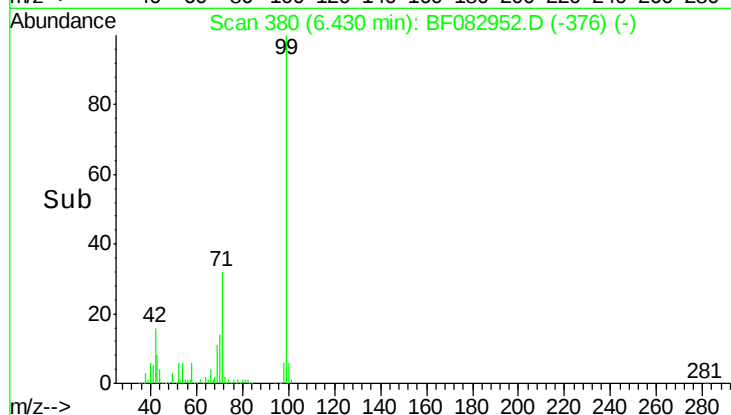
Tgt Ion: 99 Resp: 425256

Ion Ratio Lower Upper

99 100

42 15.7 19.2 28.8#

71 32.1 35.0 52.4#



#9

Benzaldehyde

Concen: 2.01 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

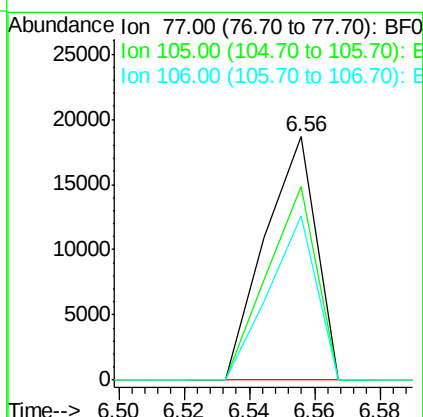
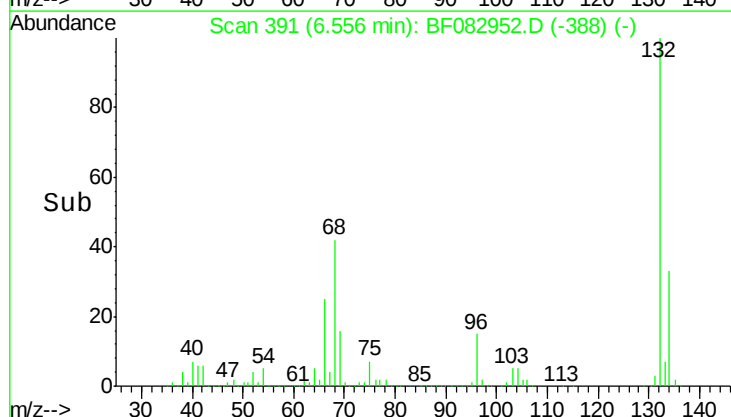
Tgt Ion: 77 Resp: 20269

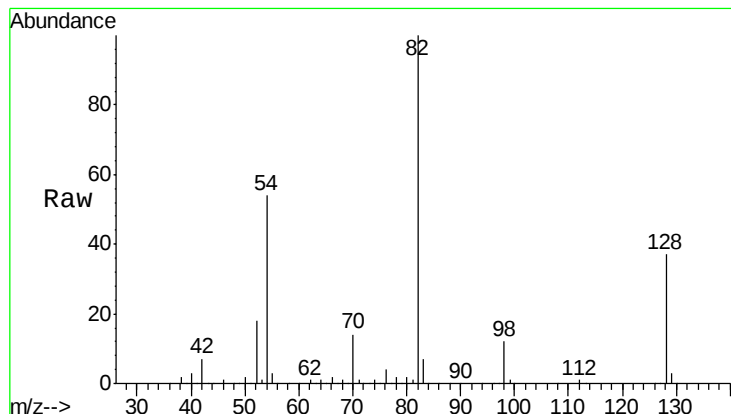
Ion Ratio Lower Upper

77 100

105 79.8 63.5 103.5

106 67.4 59.3 99.3



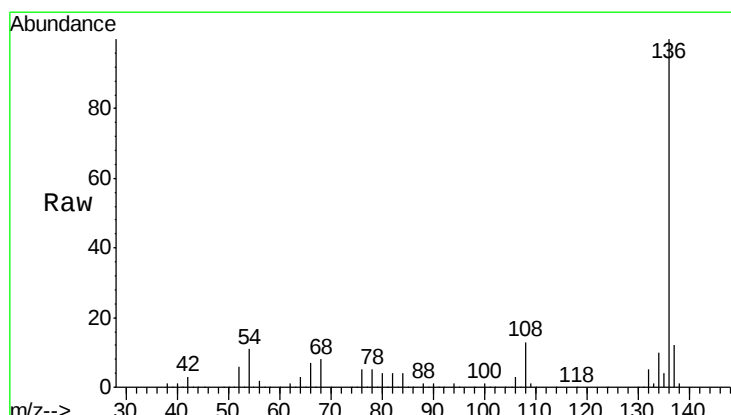
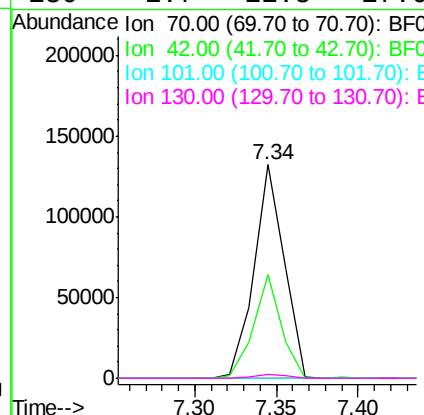
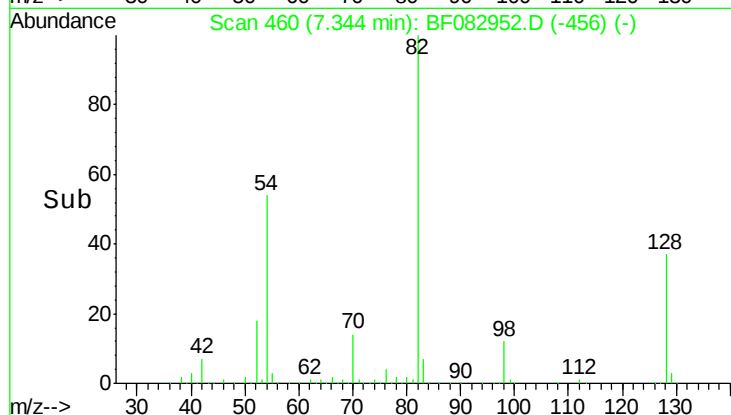


#19
n-Nitroso-di-n-propylamine
Concen: 12.56 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.08 min
Lab File: BF082952.D
Acq: 16 Nov 2015 21:55

Instrument :
BNA_F
ClientSampleId :
111315-A263-E-D-M

Tgt Ion: 70 Resp: 168839

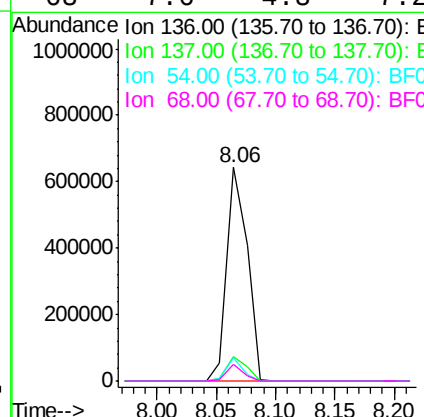
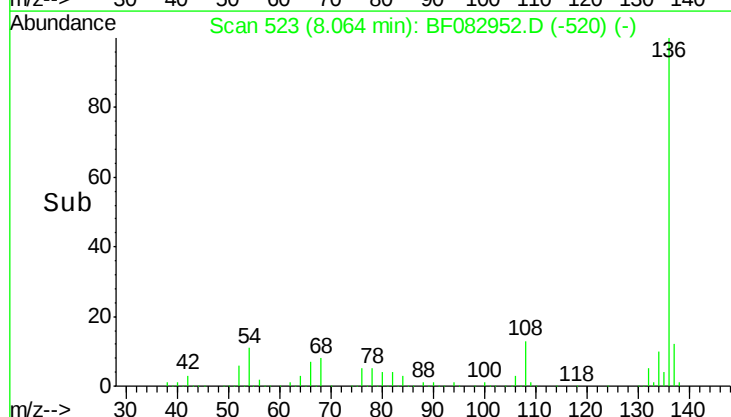
Ion	Ratio	Lower	Upper
70	100		
42	48.4	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#

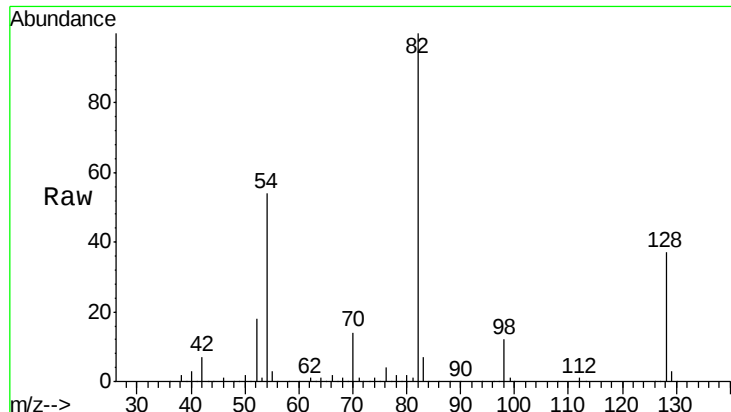


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF082952.D
Acq: 16 Nov 2015 21:55

Tgt Ion: 136 Resp: 761512

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.1	9.1	13.7
68	7.6	4.8	7.2#



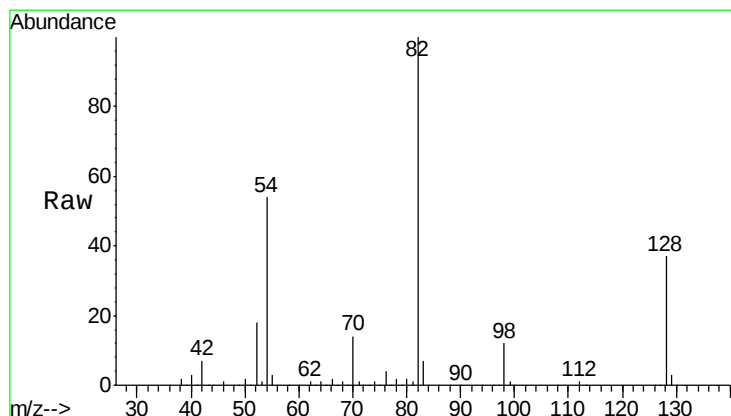
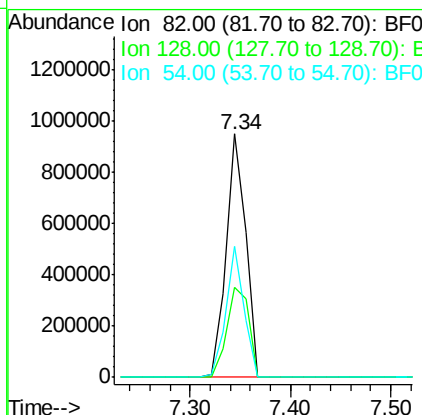
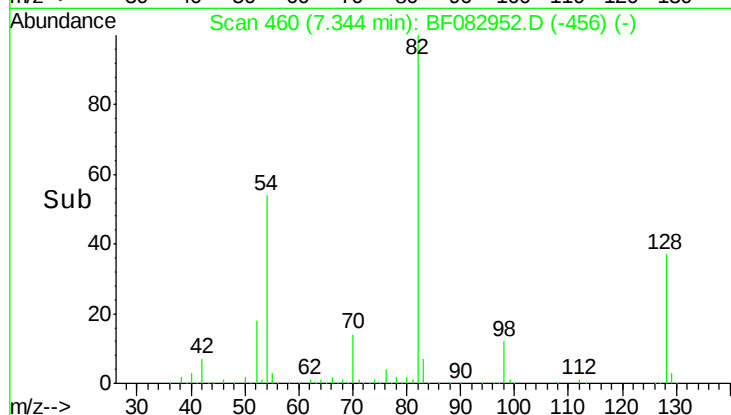


#23
 Nitrobenzene-d5
 Concen: 72.88 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-D-M

Tgt Ion: 82 Resp: 1275501

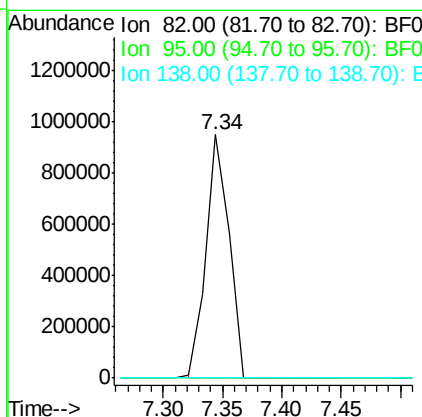
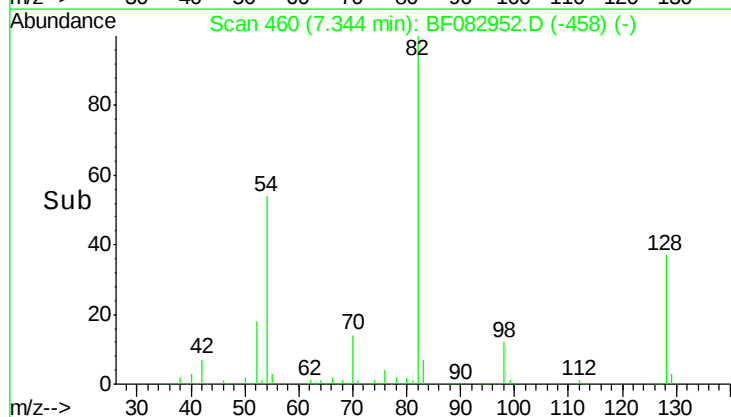
Ion	Ratio	Lower	Upper
82	100		
128	36.8	26.8	40.2
54	53.8	45.7	68.5

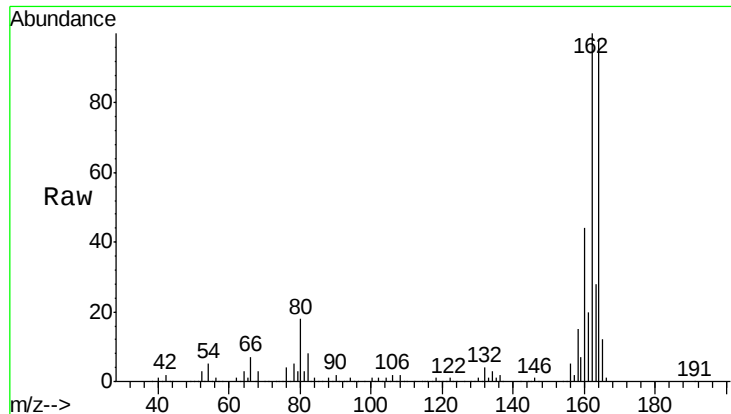


#25
 Isophorone
 Concen: 39.10 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

Tgt Ion: 82 Resp: 1266006

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

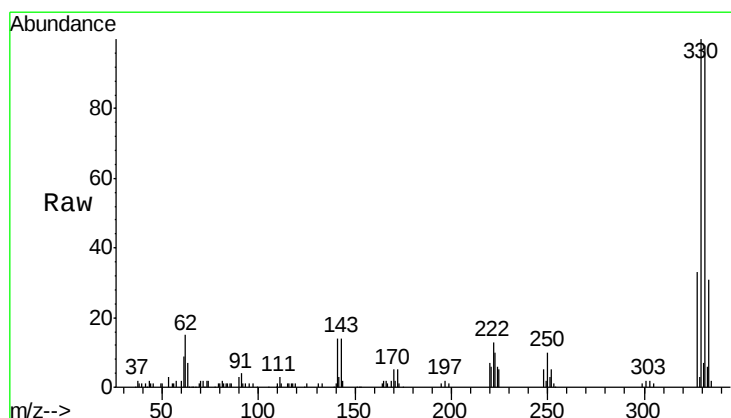
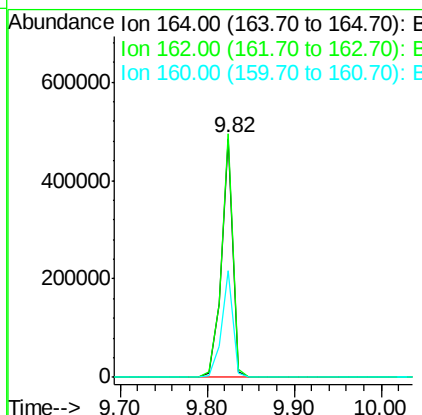
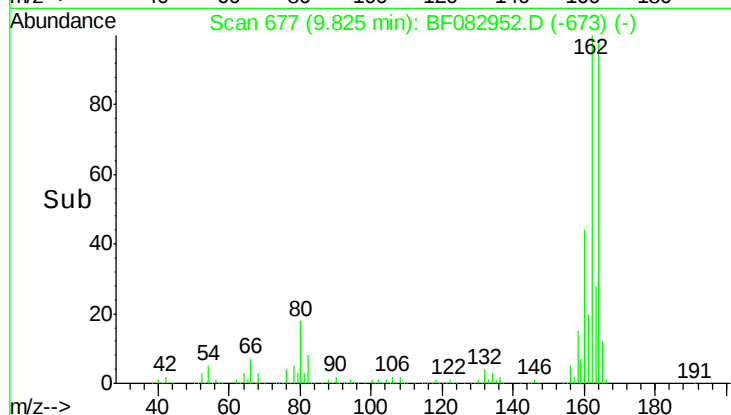




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

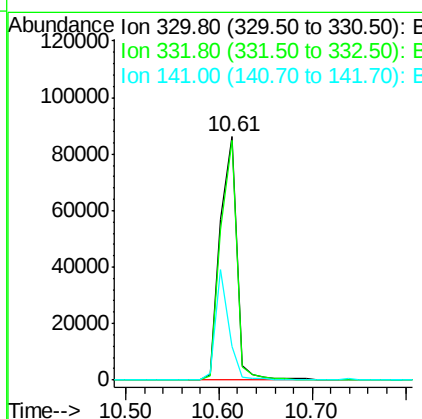
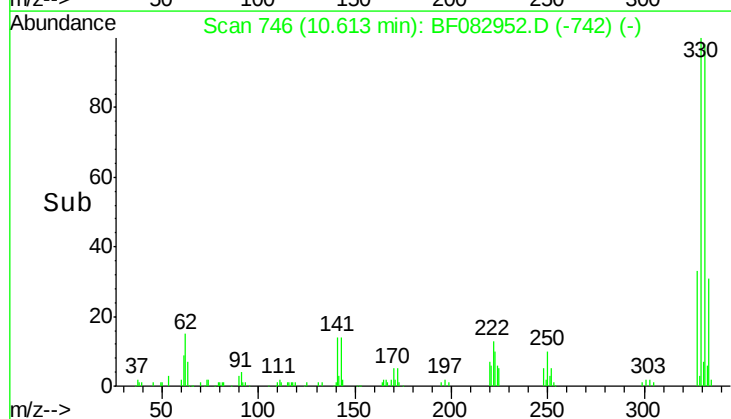
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-D-M

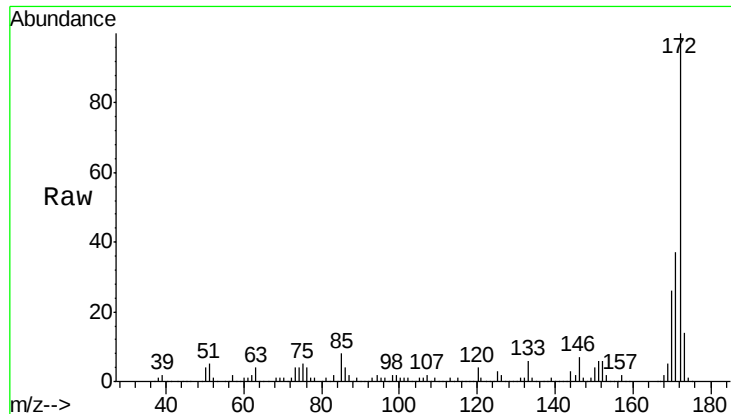
Tgt Ion:164 Resp: 453560
 Ion Ratio Lower Upper
 164 100
 162 102.1 84.9 127.3
 160 44.9 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 20.51 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

Tgt Ion:330 Resp: 106650
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 36.2 41.2 61.8#

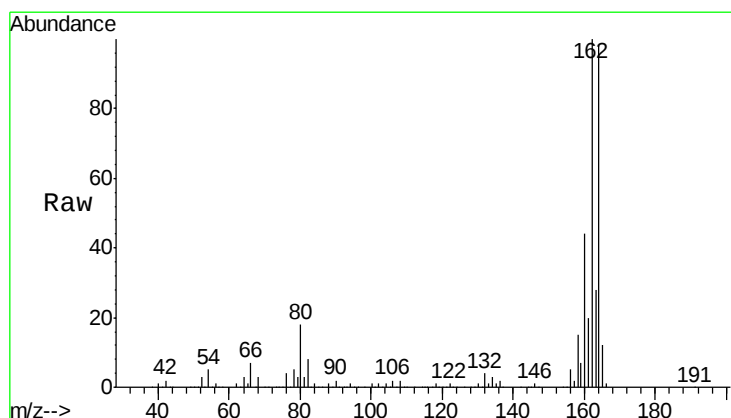
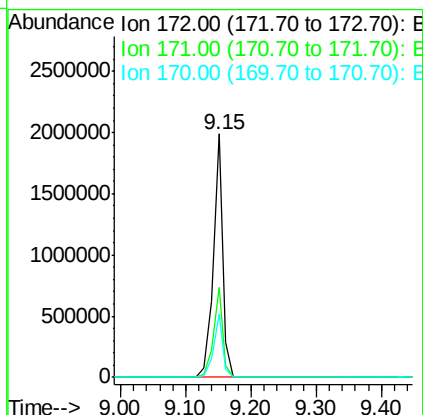
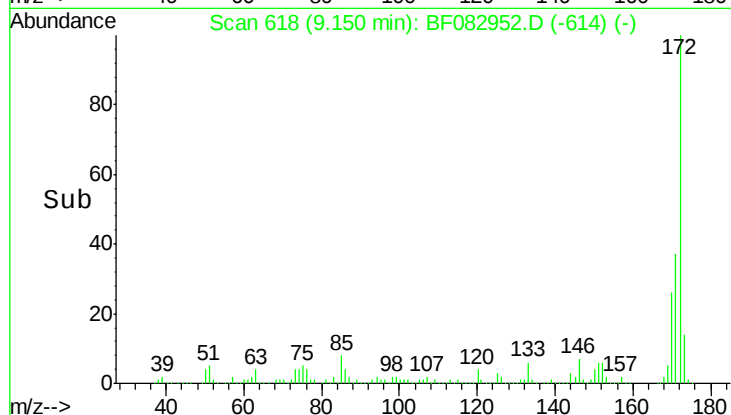




#44
 2-Fluorobiphenyl
 Concen: 64.78 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

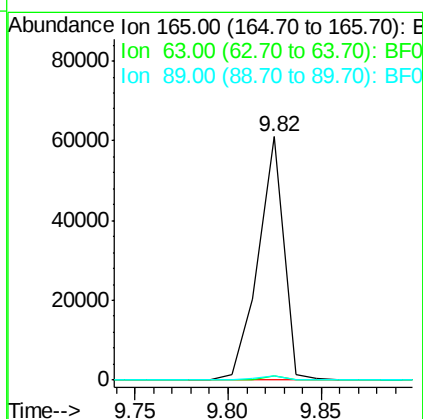
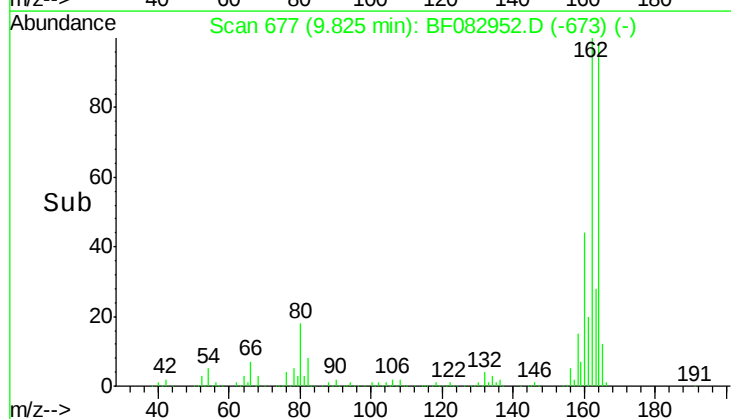
Instrument :
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 ClientSampleId :
 111315-A263-E-D-M

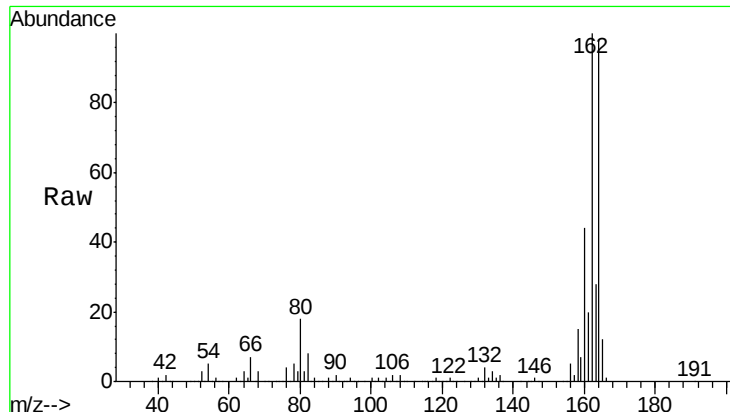
Tgt Ion:172 Resp: 2049875
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.7 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

Tgt Ion:165 Resp: 57750
 Ion Ratio Lower Upper
 165 100
 63 1.5 55.5 83.3#
 89 1.7 55.0 82.6#

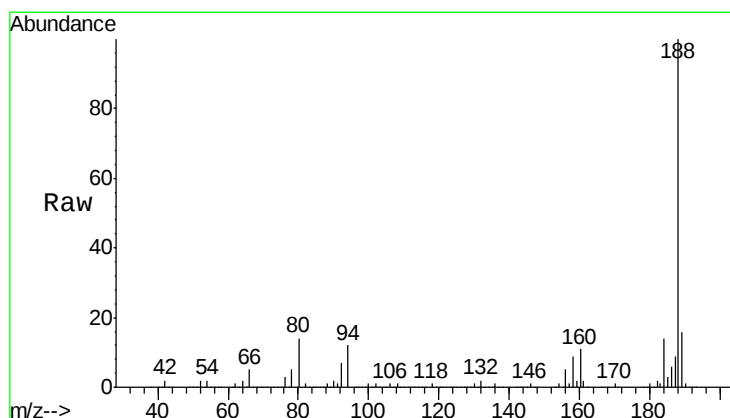
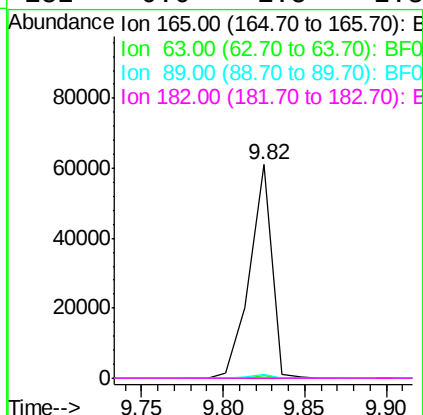
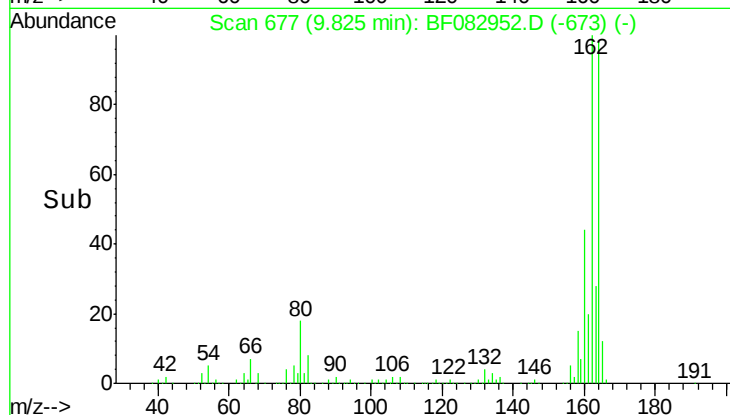




#56
 2,4-Dinitrotoluene
 Concen: 5.37 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

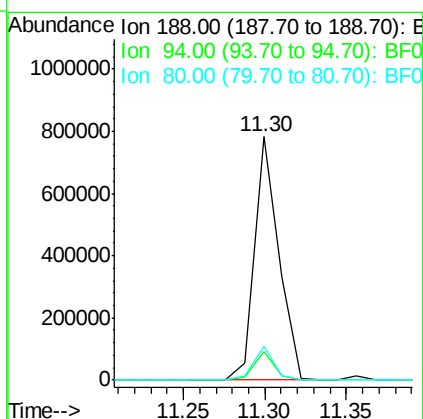
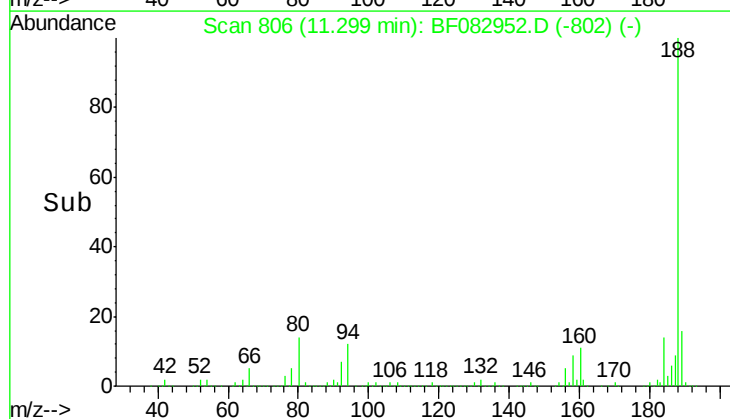
Instrument :
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 111315-A263-E-D-M

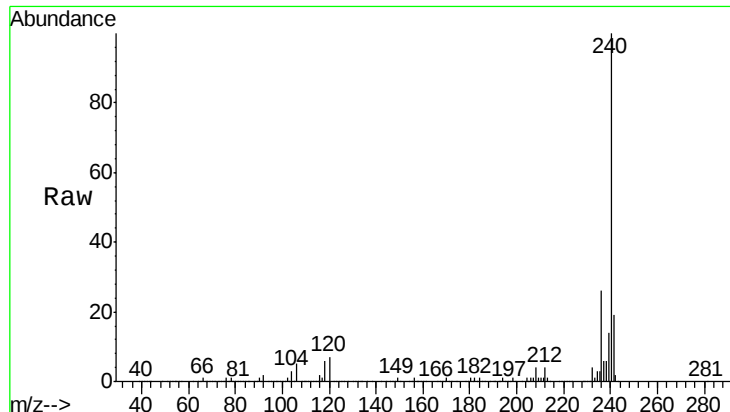
Tgt Ion:165 Resp: 57751
 Ion Ratio Lower Upper
 165 100
 63 1.5 43.4 65.0#
 89 1.7 70.6 106.0#
 182 0.0 1.5 2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

Tgt Ion:188 Resp: 809778
 Ion Ratio Lower Upper
 188 100
 94 12.0 6.1 9.1#
 80 13.6 7.0 10.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

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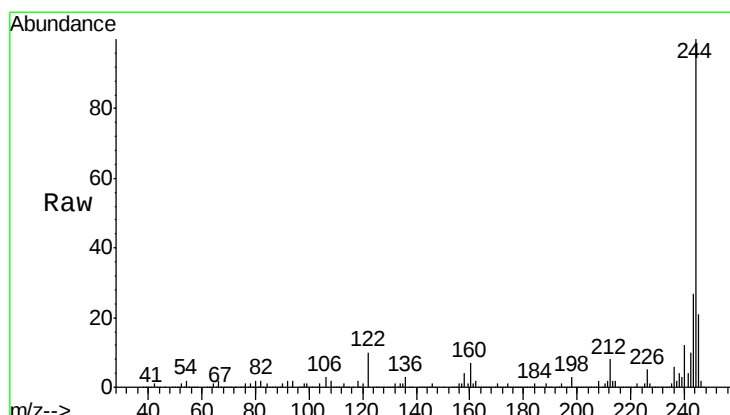
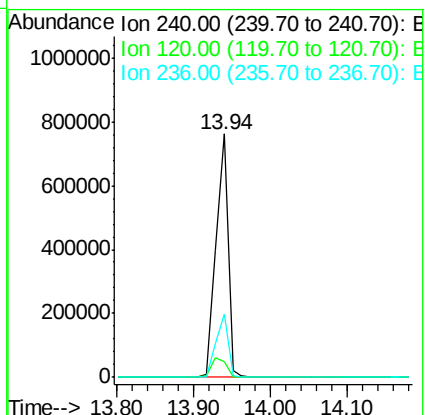
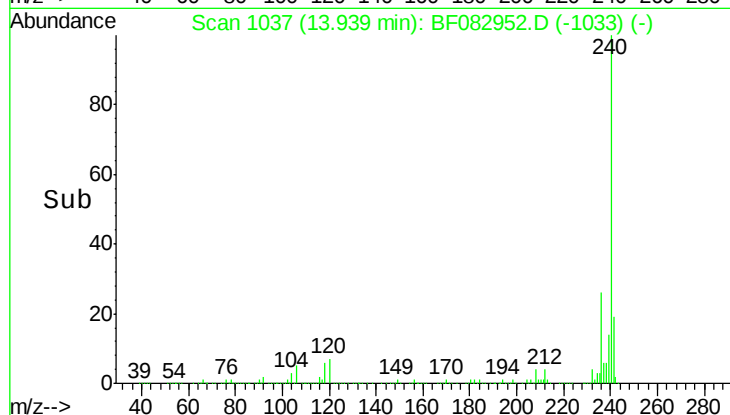
Tgt Ion:240 Resp: 827204

Ion Ratio Lower Upper

240 100

120 6.6 10.9 16.3#

236 26.1 21.6 32.4



#78

Terphenyl-d14

Concen: 69.18 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

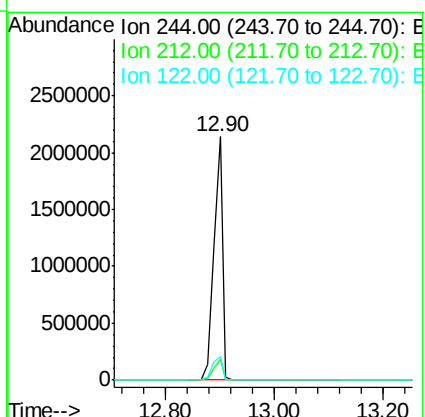
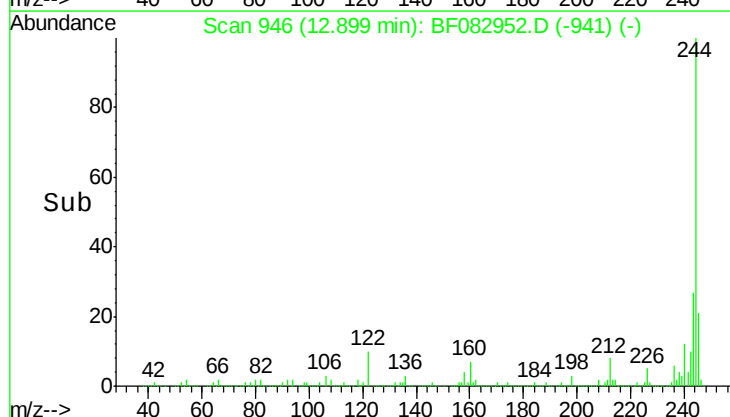
Tgt Ion:244 Resp: 2412732

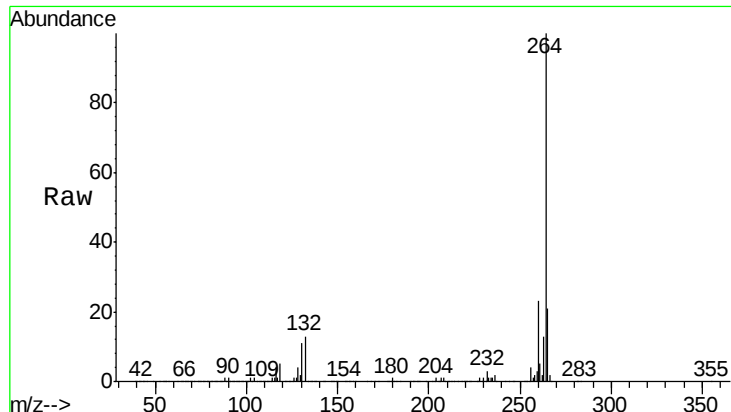
Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

122 9.6 11.3 16.9#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.11 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-D-M

Tgt Ion:264 Resp: 649571
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.6
 265 21.4 17.4 26.0

