

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082950.D
 Acq On : 16 Nov 2015 20:57
 Operator : UM/IZ
 Sample : G4429-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-U-M

Quant Time: Nov 17 00:10:50 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

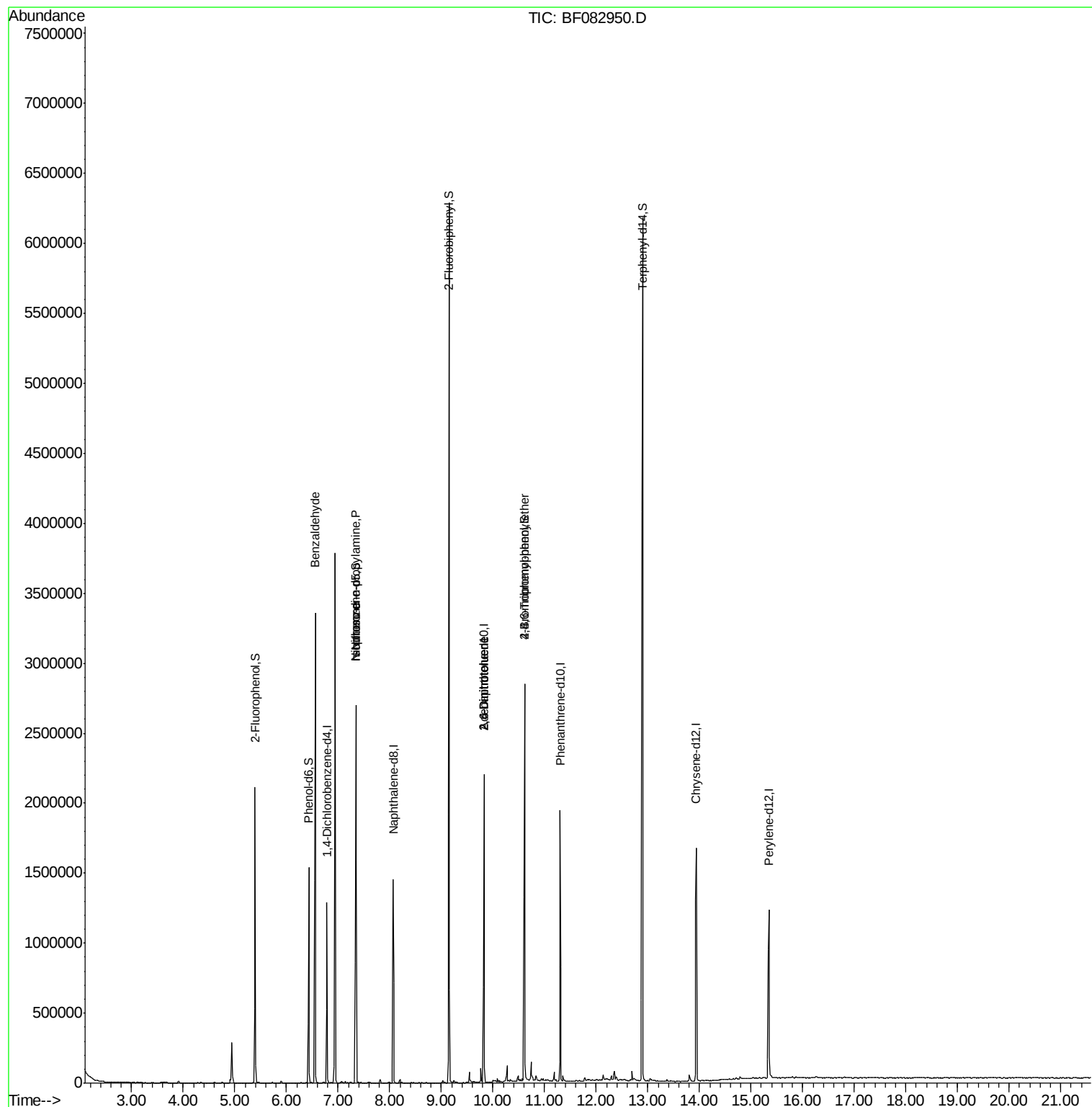
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	205428	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	743588	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	449811	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	785143	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	795658	20.00	ng	-0.08
86) Perylene-d12	15.35	264	649930	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	531091	40.23	ng	-0.06
7) Phenol-d6	6.43	99	503499	28.69	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1268434	74.22	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	342233	66.36	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1972866	62.86	ng	-0.07
78) Terphenyl-d14	12.90	244	2385814	71.12	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	23822	2.46	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.34	70	166971	12.94	ng	# 71
25) Isophorone	7.34	82	1262905	39.94	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	58297	7.41	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	58301	5.46	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	25087	2.65	ng	# 1

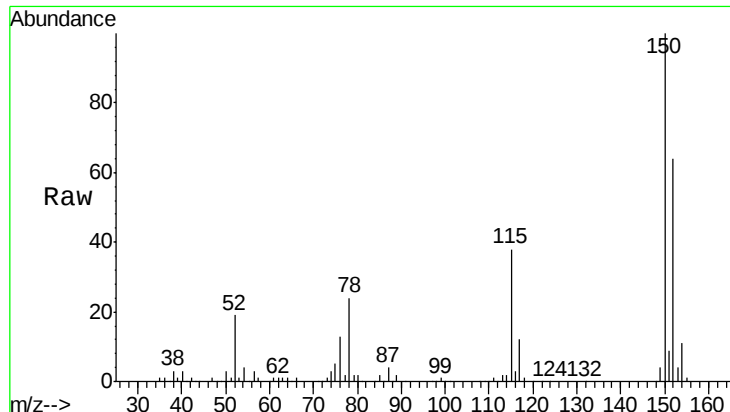
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
Data File : BF082950.D
Acq On : 16 Nov 2015 20:57
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Misc :
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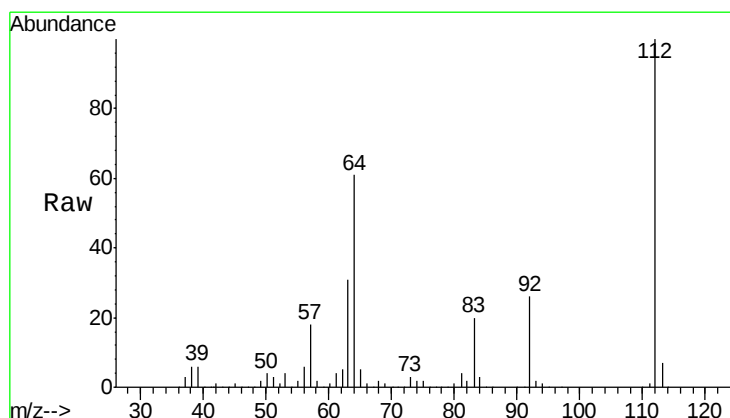
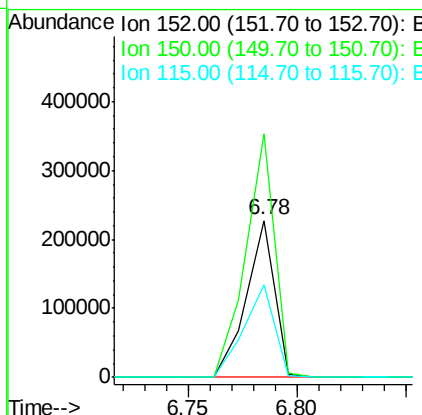
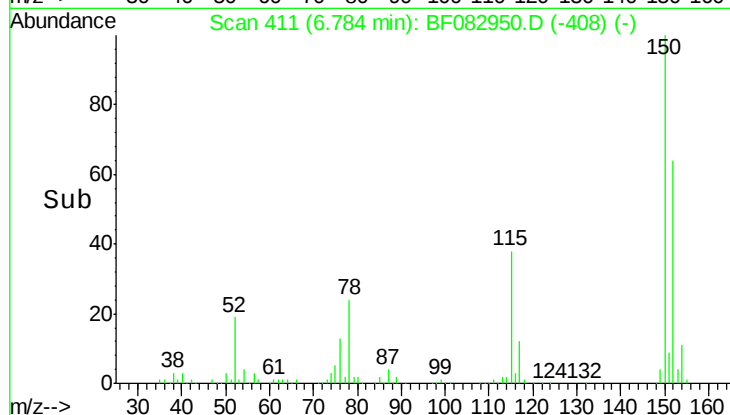




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

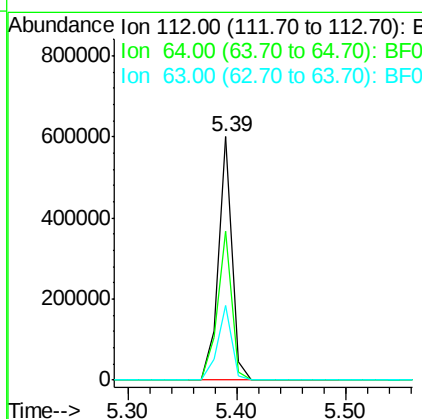
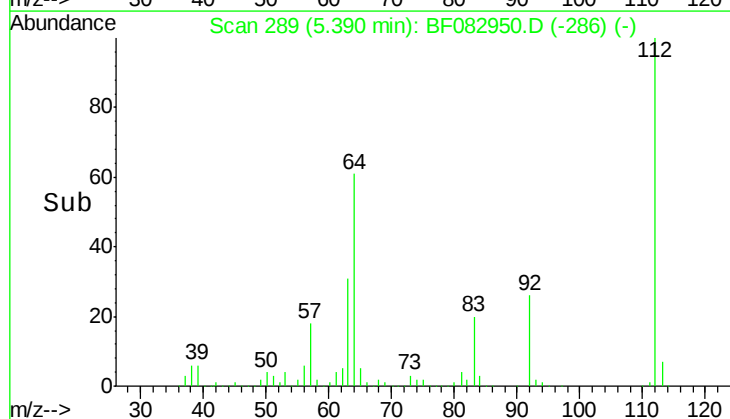
Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-U-M

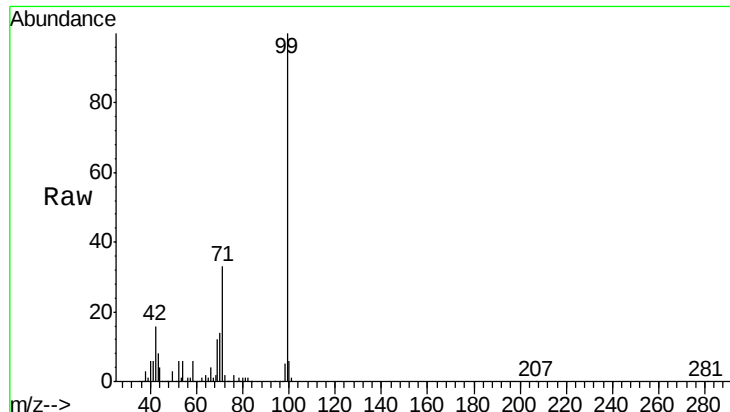
Tgt Ion:152 Resp: 205428
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.0 190.4
 115 59.4 47.0 70.6



#5
 2-Fluorophenol
 Concen: 40.23 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Tgt Ion:112 Resp: 531091
 Ion Ratio Lower Upper
 112 100
 64 61.2 48.9 73.3
 63 30.9 28.1 42.1





#7

Phenol-d6

Concen: 28.69 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082950.D

Acq: 16 Nov 2015 20:57

Instrument :

BNA_F

ClientSampleId :

111215-A263-E-U-M

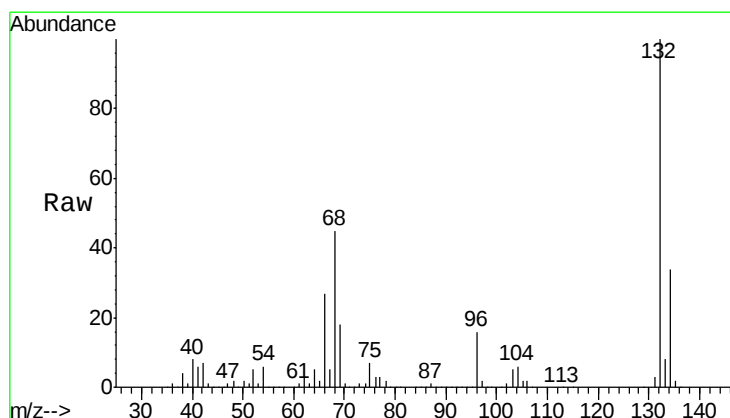
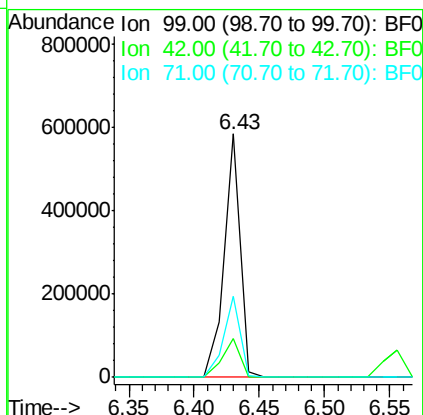
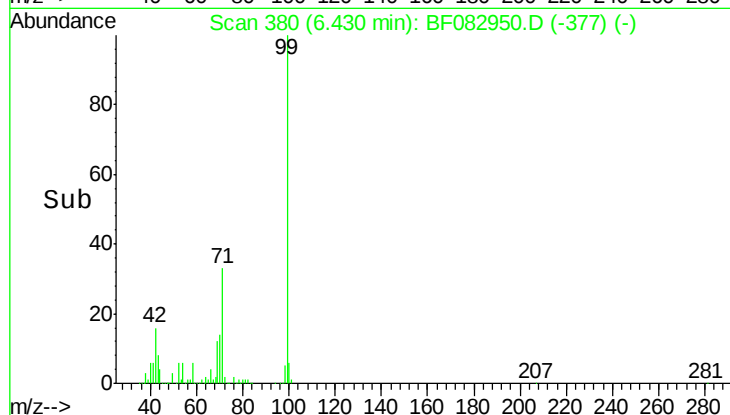
Tgt Ion: 99 Resp: 503499

Ion Ratio Lower Upper

99 100

42 16.1 19.2 28.8#

71 33.3 35.0 52.4#



#9

Benzaldehyde

Concen: 2.46 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082950.D

Acq: 16 Nov 2015 20:57

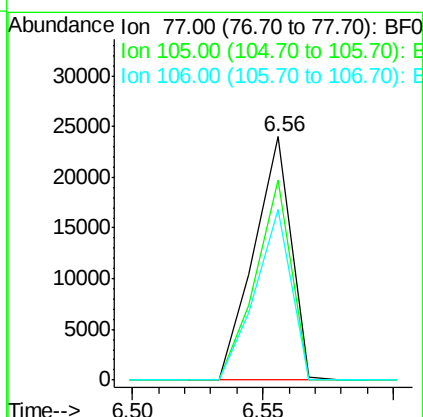
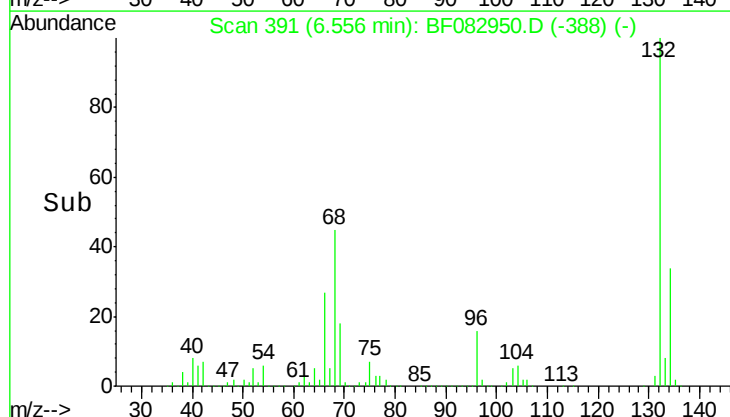
Tgt Ion: 77 Resp: 23822

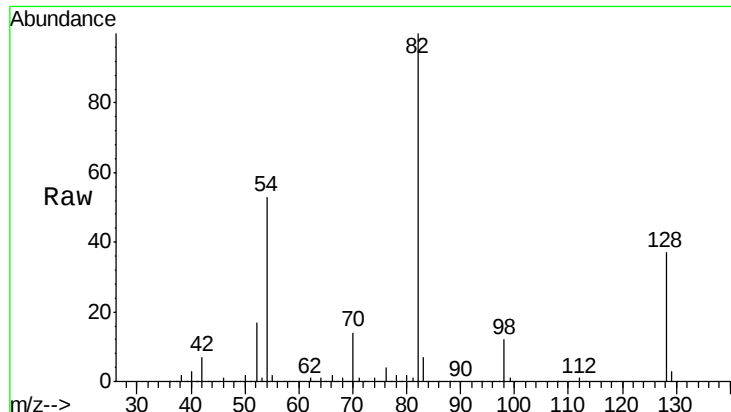
Ion Ratio Lower Upper

77 100

105 82.3 63.5 103.5

106 70.2 59.3 99.3

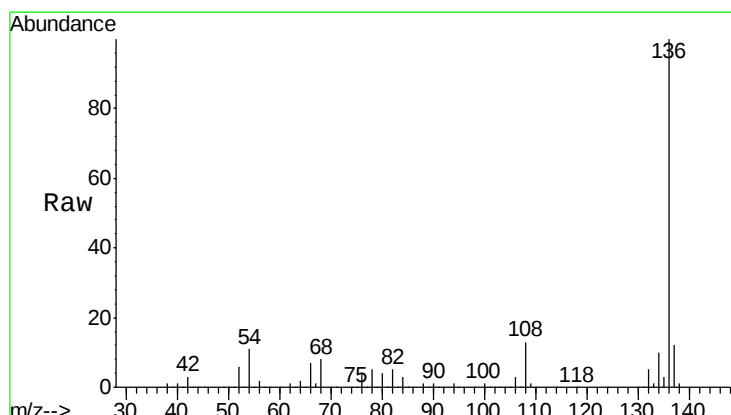
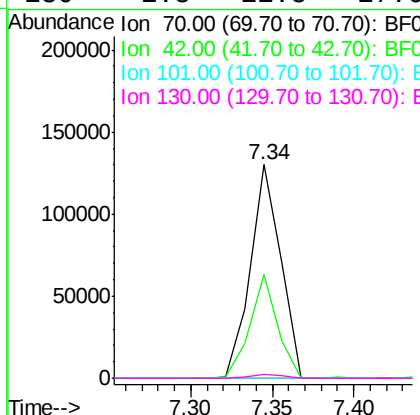
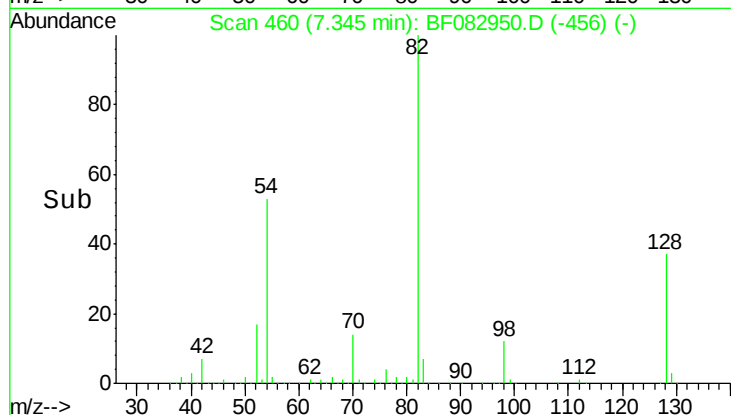




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.94 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

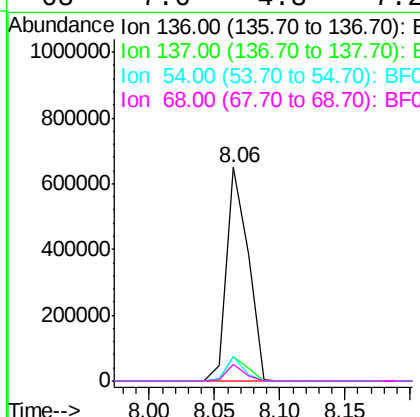
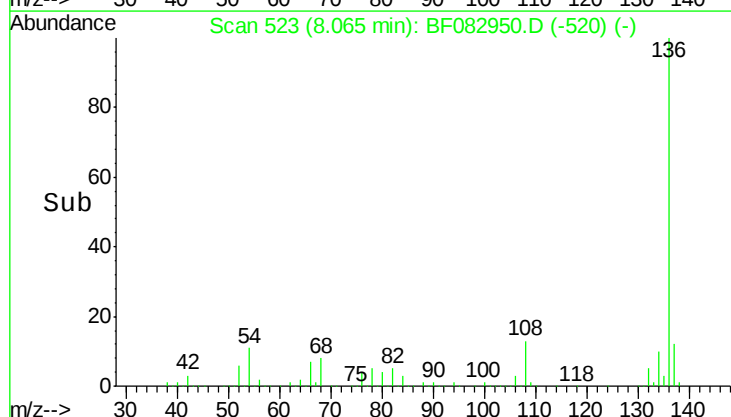
Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-U-M

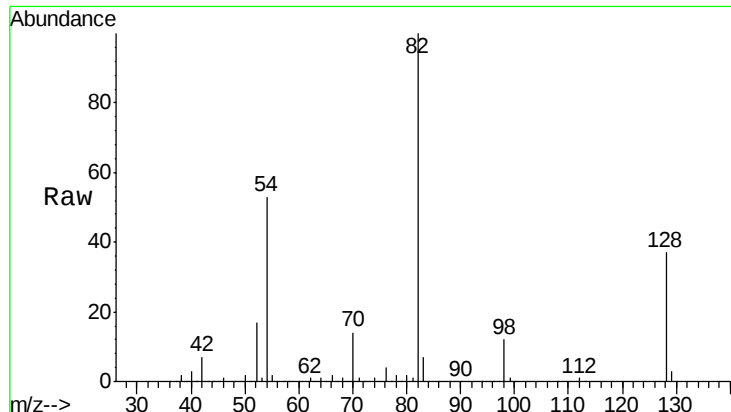
Tgt Ion:	70	Resp:	166971
Ion	Ratio	Lower	Upper
70	100		
42	48.3	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Tgt Ion:	136	Resp:	743588
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.3	9.1	13.7
68	7.6	4.8	7.2#

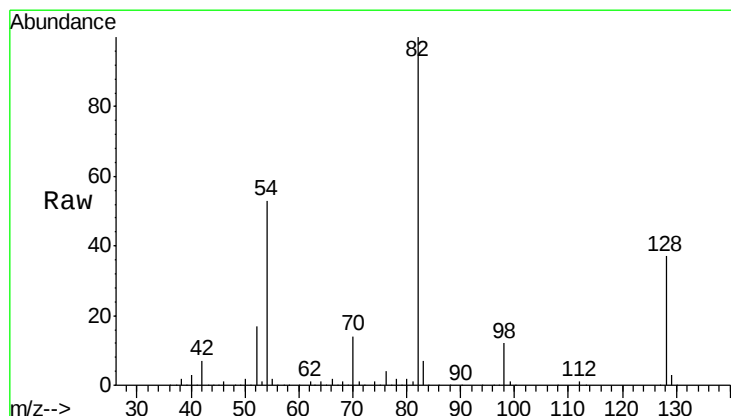
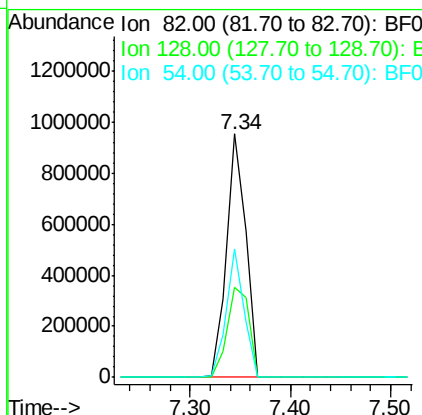
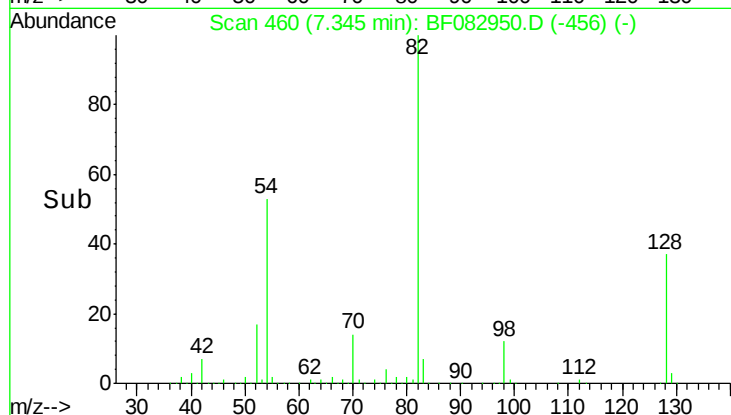




#23
 Nitrobenzene-d5
 Concen: 74.22 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

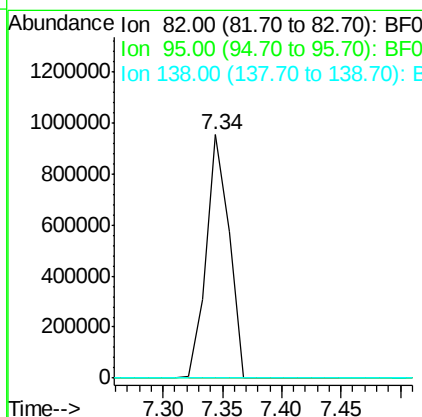
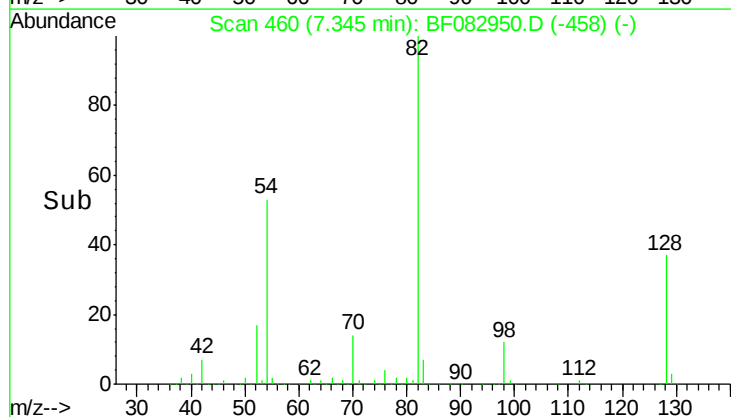
Instrument :
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 ClientSampleId :
 111215-A263-E-U-M

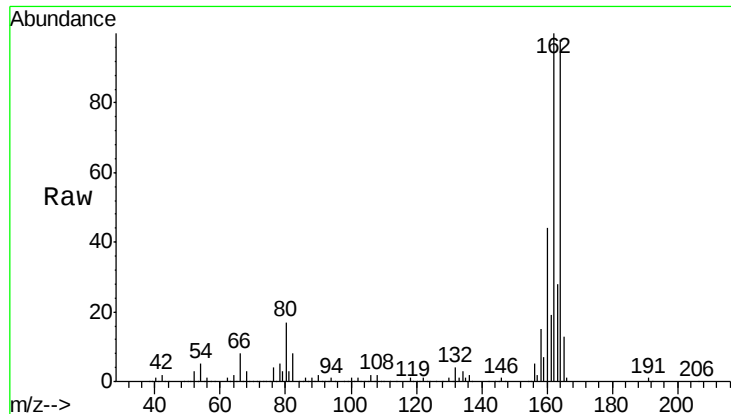
Tgt Ion:	82	Resp:	1268434
Ion	Ratio	Lower	Upper
82	100		
128	37.0	26.8	40.2
54	53.0	45.7	68.5



#25
 Isophorone
 Concen: 39.94 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Tgt Ion:	82	Resp:	1262905
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: BF082950.D

Acq: 16 Nov 2015 20:57

Instrument :

BNA_F

ClientSampleId :

111215-A263-E-U-M

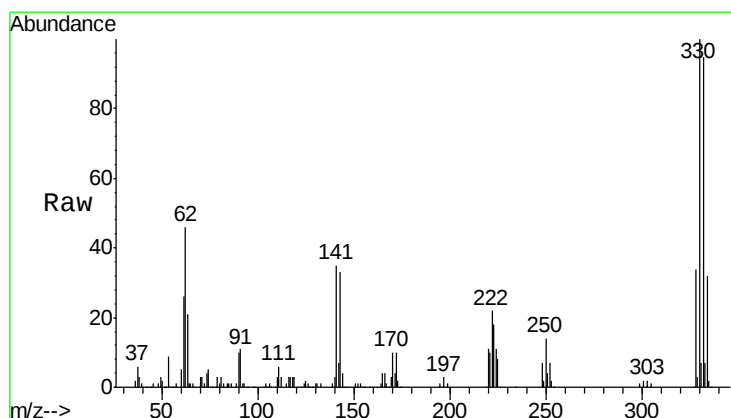
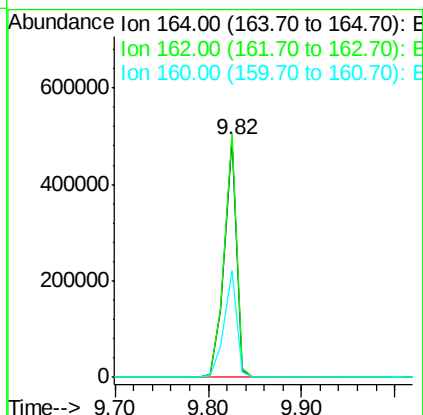
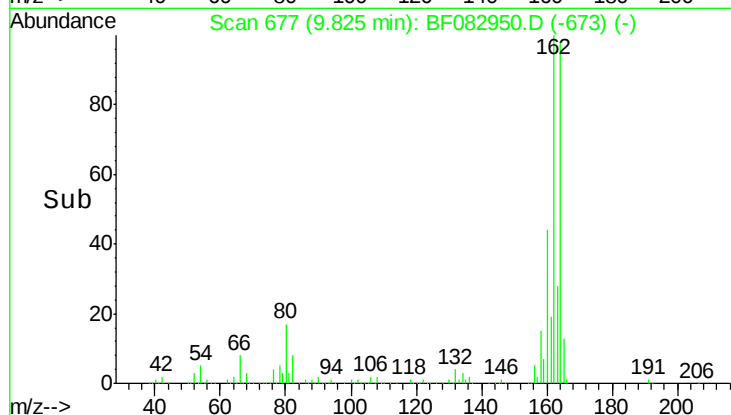
Tgt Ion:164 Resp: 449811

Ion Ratio Lower Upper

164 100

162 102.3 84.9 127.3

160 44.9 37.5 56.3



#41

2,4,6-Tribromophenol

Concen: 66.36 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF082950.D

Acq: 16 Nov 2015 20:57

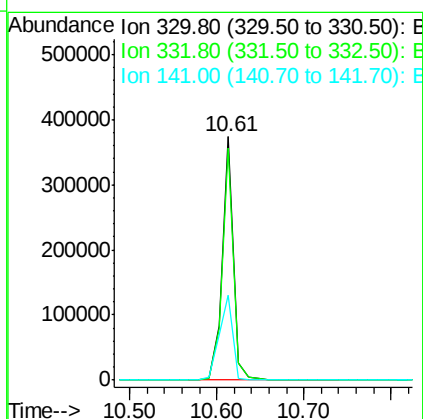
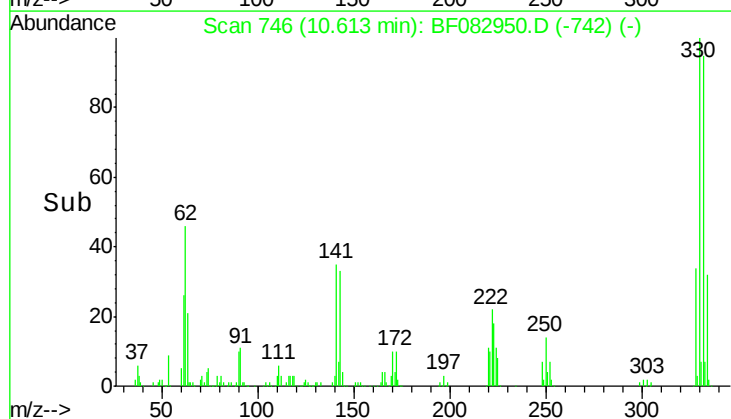
Tgt Ion:330 Resp: 342233

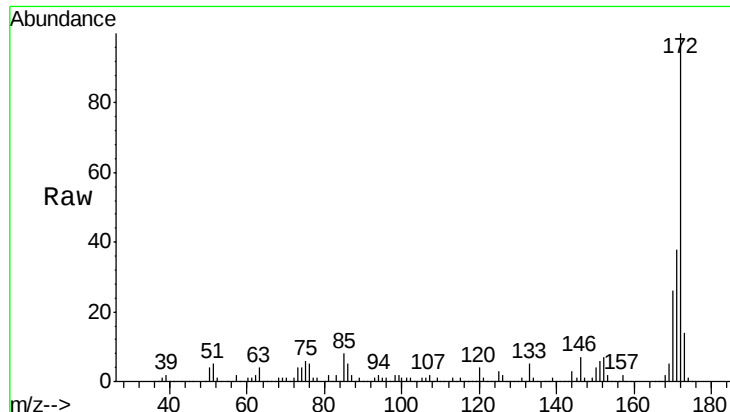
Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

141 42.4 41.2 61.8

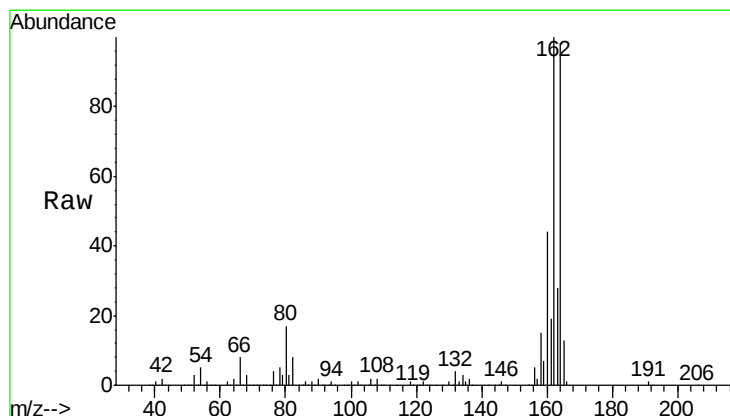
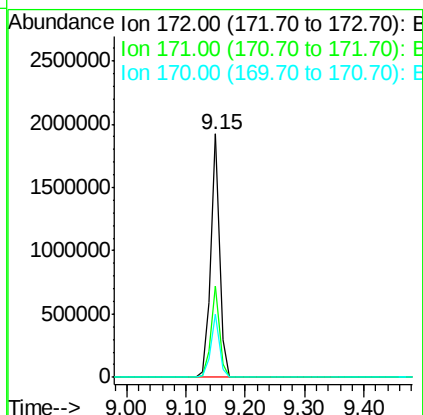
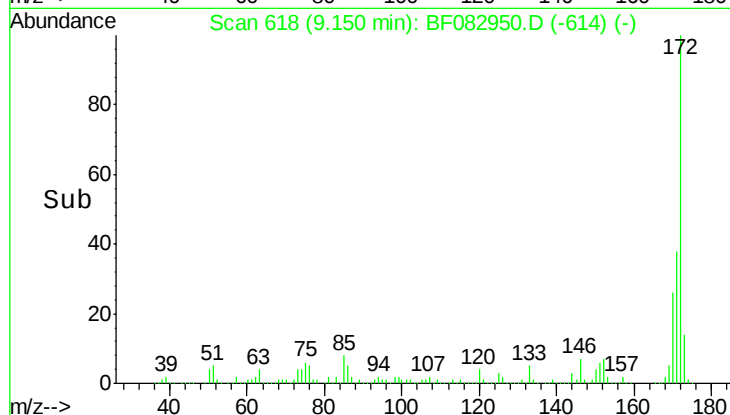




#44
 2-Fluorobiphenyl
 Concen: 62.86 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

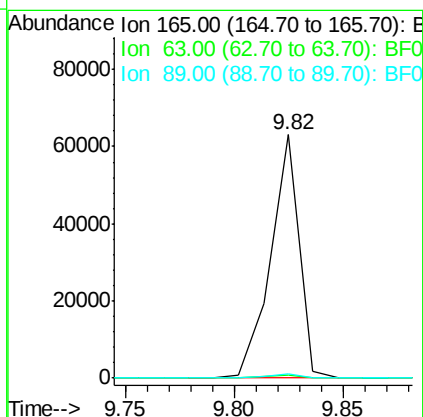
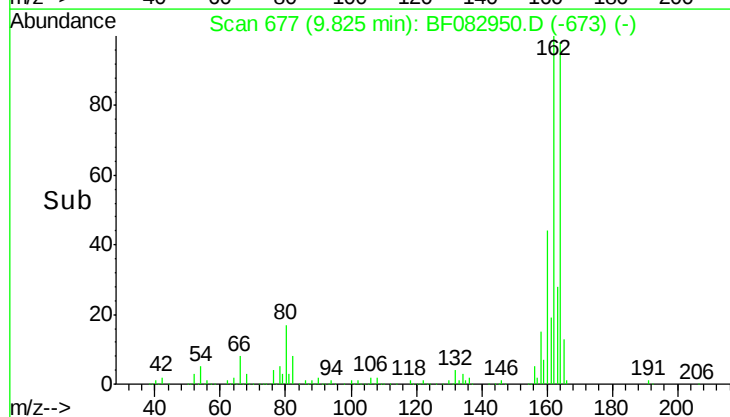
Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-U-M

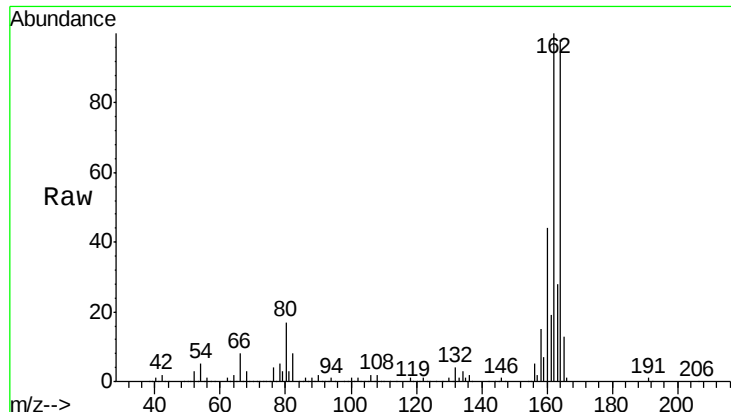
Tgt Ion:172 Resp: 1972866
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 26.1 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Tgt Ion:165 Resp: 58297
 Ion Ratio Lower Upper
 165 100
 63 1.5 55.5 83.3#
 89 1.5 55.0 82.6#

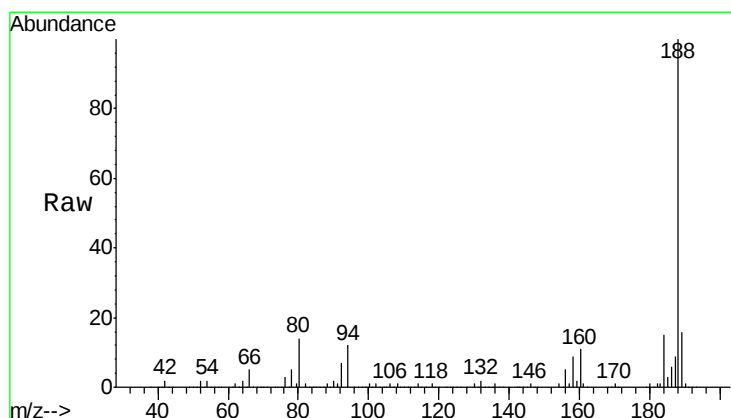
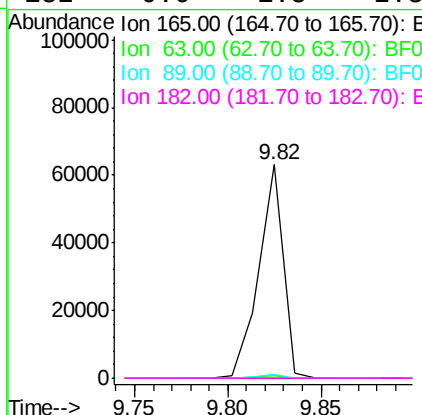
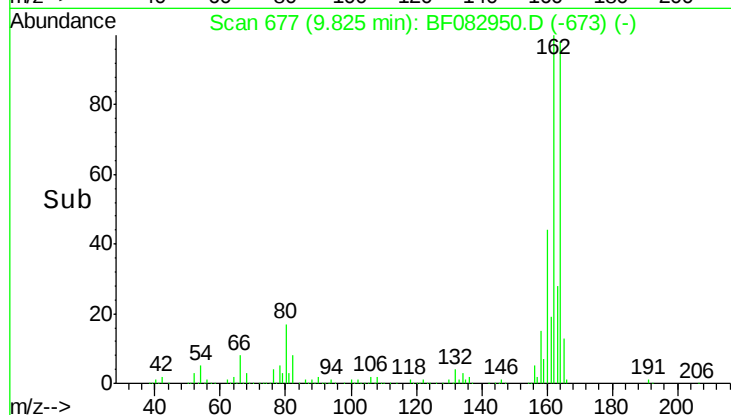




#56
 2,4-Dinitrotoluene
 Concen: 5.46 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

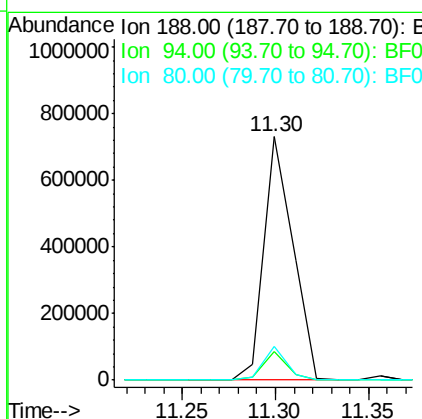
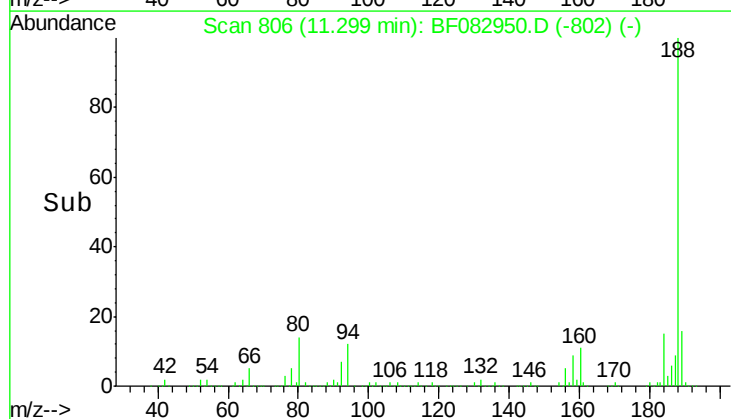
Instrument :
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 111215-A263-E-U-M

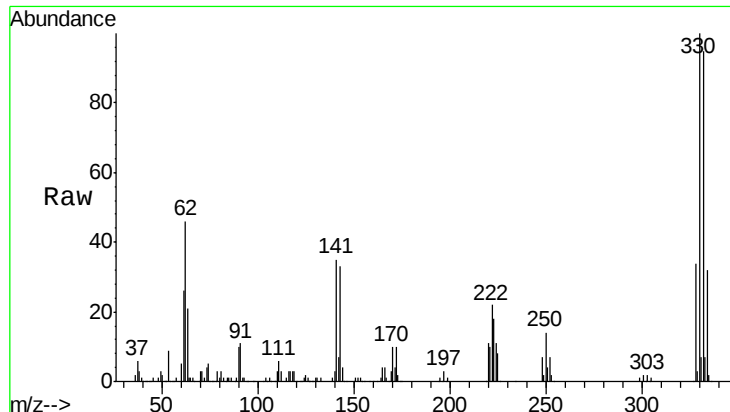
Tgt Ion:	165	Resp:	58301
Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.5	70.6	106.0#
182	0.0	1.5	2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Tgt Ion:	188	Resp:	785143
Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.1	9.1#
80	13.6	7.0	10.6#





#66

4-Bromophenyl-phenylether

Concen: 2.65 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF082950.D

Acq: 16 Nov 2015 20:57

Instrument :

BNA_F

ClientSampleId :

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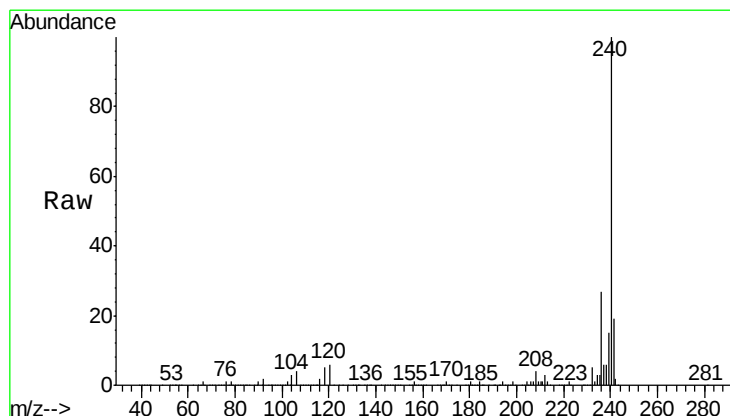
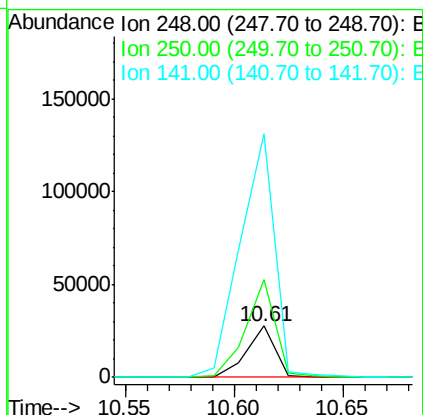
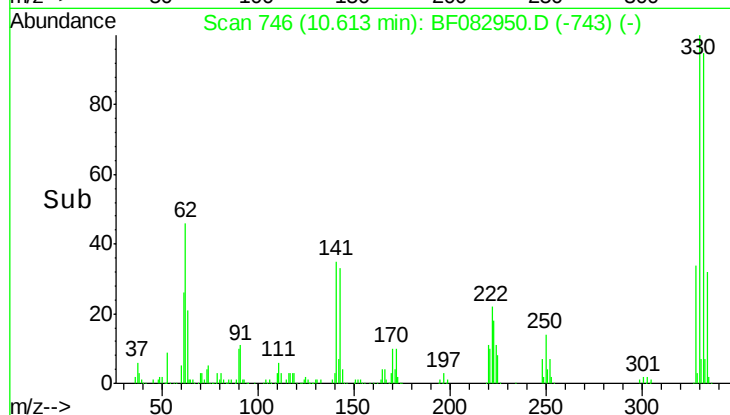
Tgt Ion:248 Resp: 25087

Ion Ratio Lower Upper

248 100

250 190.6 79.4 119.2#

141 475.4 36.3 54.5#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082950.D

Acq: 16 Nov 2015 20:57

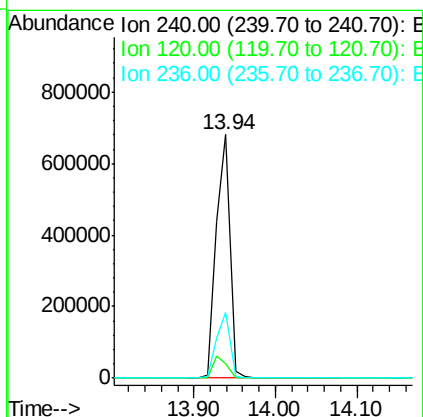
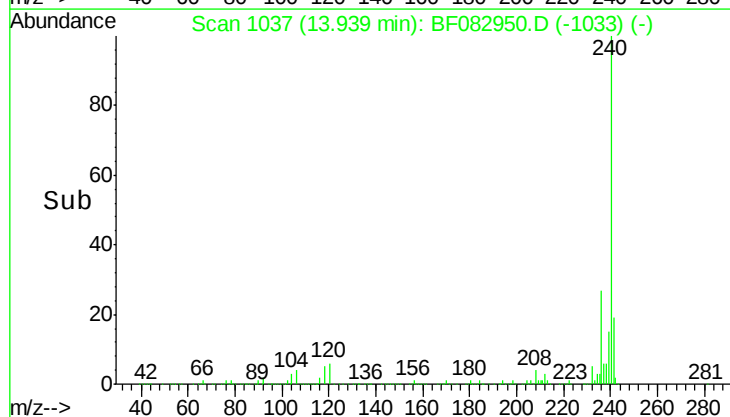
Tgt Ion:240 Resp: 795658

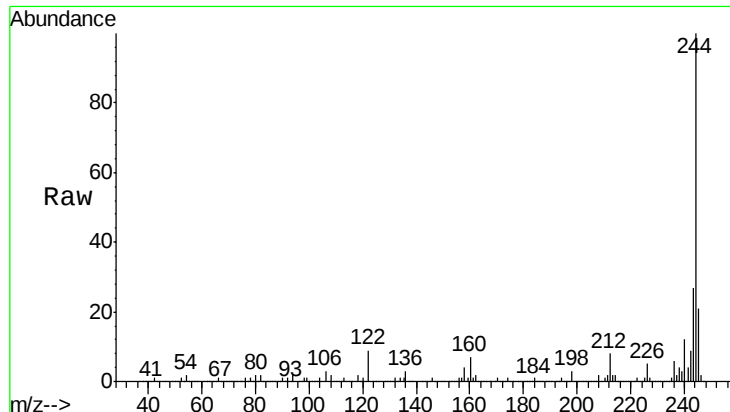
Ion Ratio Lower Upper

240 100

120 5.9 10.9 16.3#

236 26.8 21.6 32.4

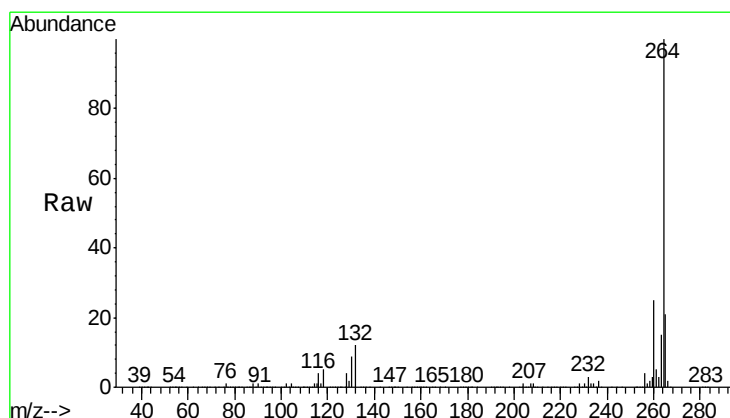
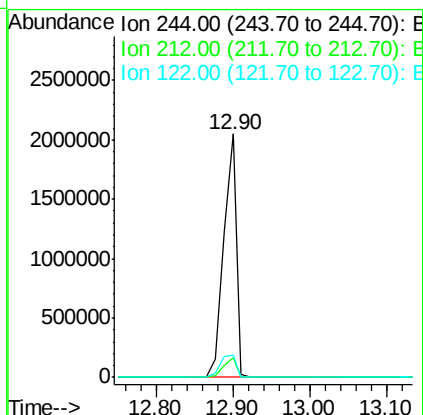
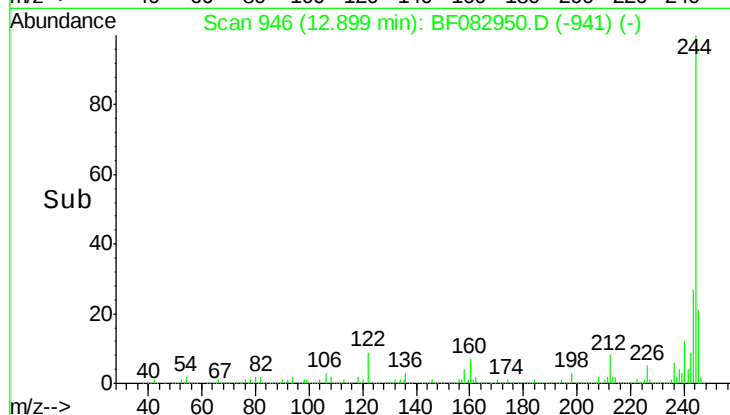




#78
 Terphenyl-d14
 Concen: 71.12 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082950.D
 Acq: 16 Nov 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-U-M

Tgt Ion:244 Resp: 2385814
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 9.0 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: BF082950.D
 Acq: 16 Nov 2015 20:57

Tgt Ion:264 Resp: 649930
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 20.8 17.4 26.0

