

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082955.D
 Acq On : 16 Nov 2015 23:22
 Operator : UM/IZ
 Sample : G4446-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-D-M

Quant Time: Nov 17 00:12:44 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

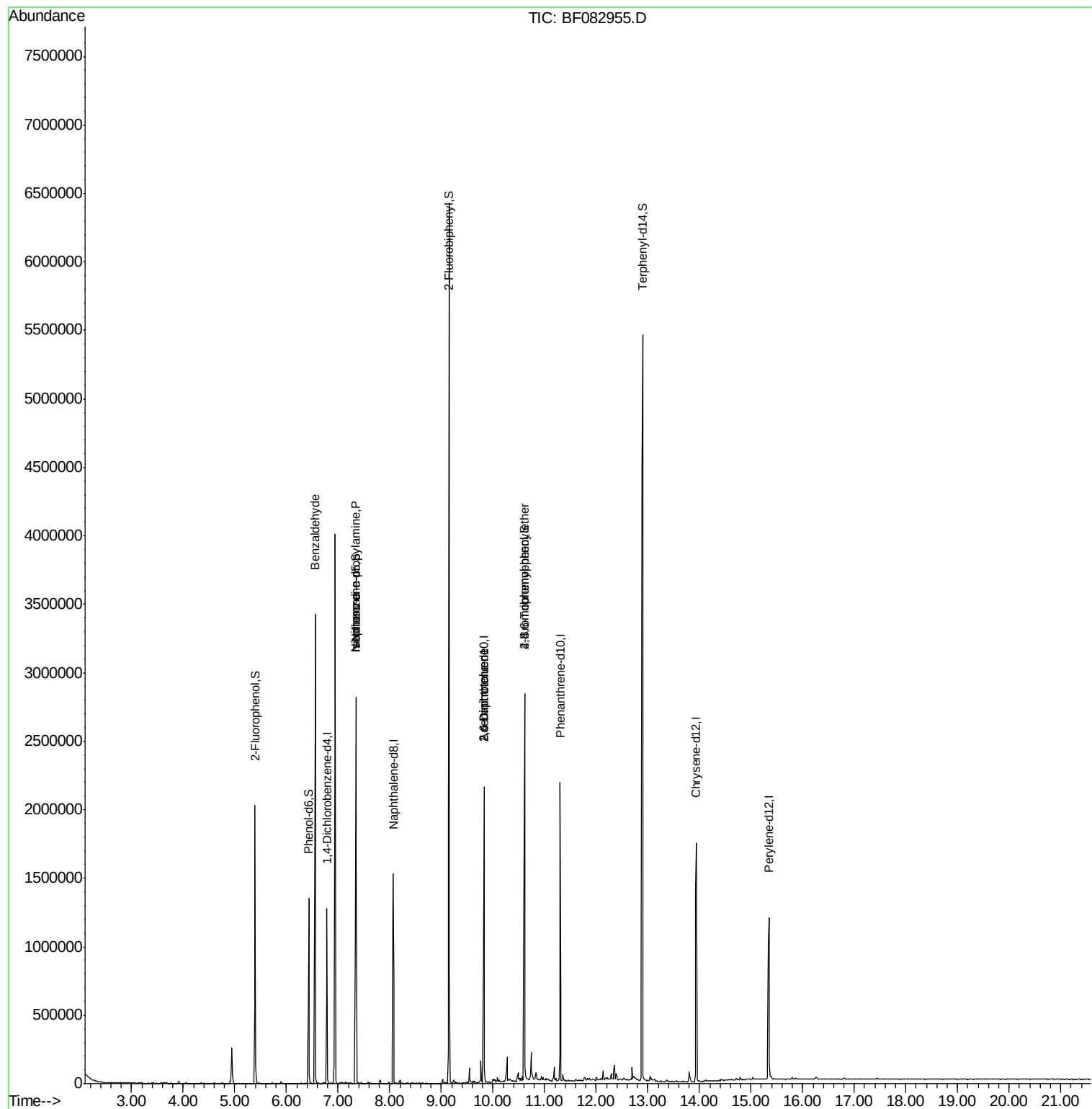
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	213369	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	792250	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	462843	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	822508	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	843224	20.00	ng	-0.08
86) Perylene-d12	15.35	264	666999	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	516194	37.64	ng	-0.06
7) Phenol-d6	6.43	99	475342	26.07	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1332434	73.18	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	375918	70.84	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2077952	64.35	ng	-0.07
78) Terphenyl-d14	12.90	244	2427595	68.28	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	23707	2.35	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.34	70	175156	13.07	ng	# 71
25) Isophorone	7.34	82	1324625	39.32	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	58856	7.27	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	58858	5.36	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	27163	2.74	ng	# 1

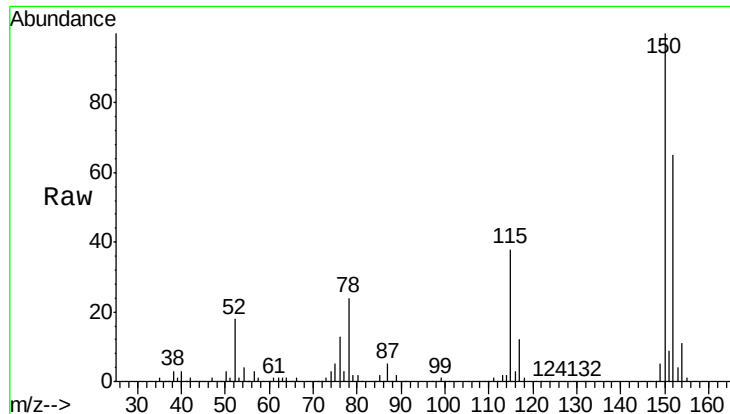
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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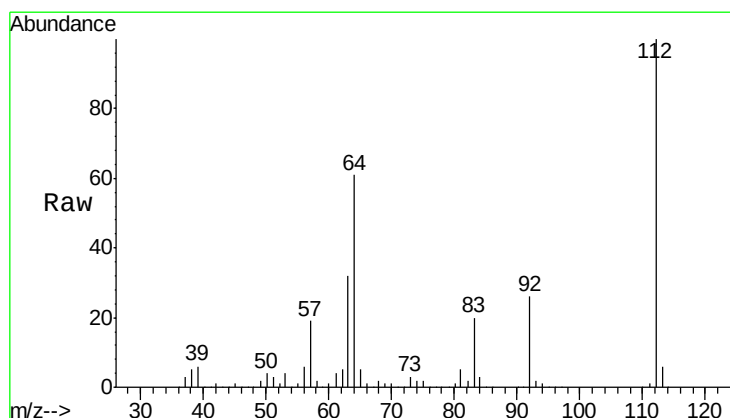
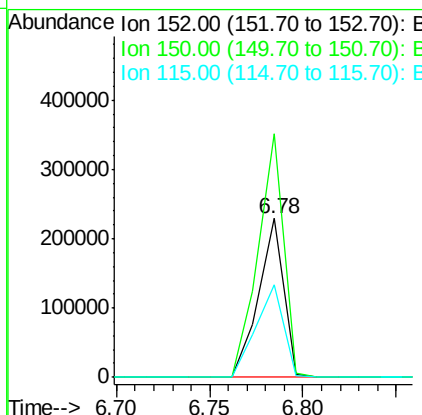
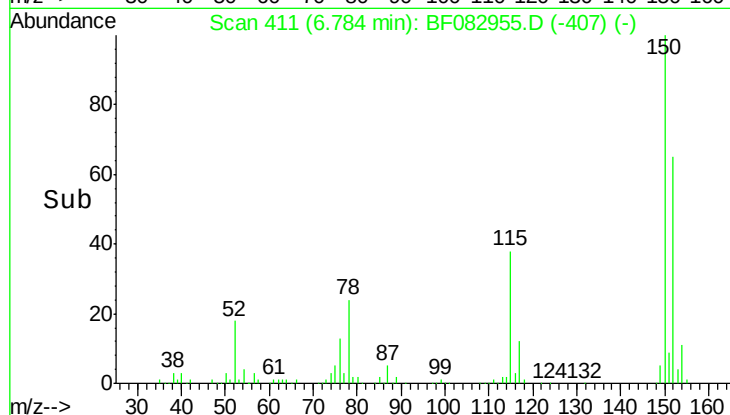




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

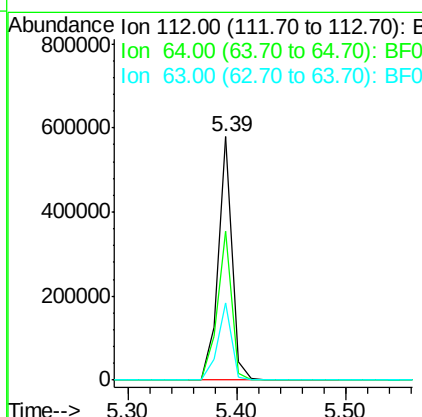
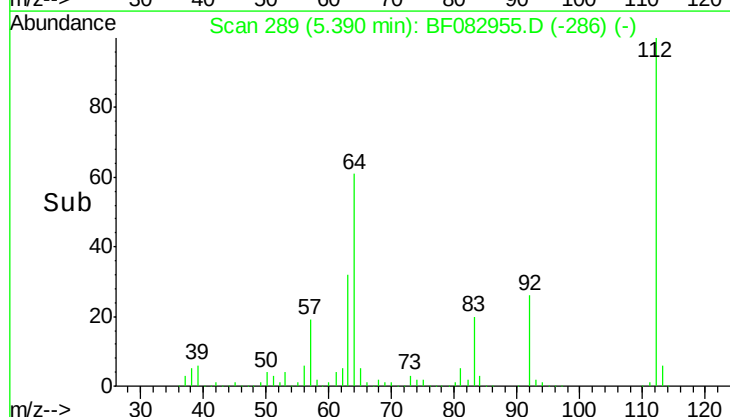
Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-D-M

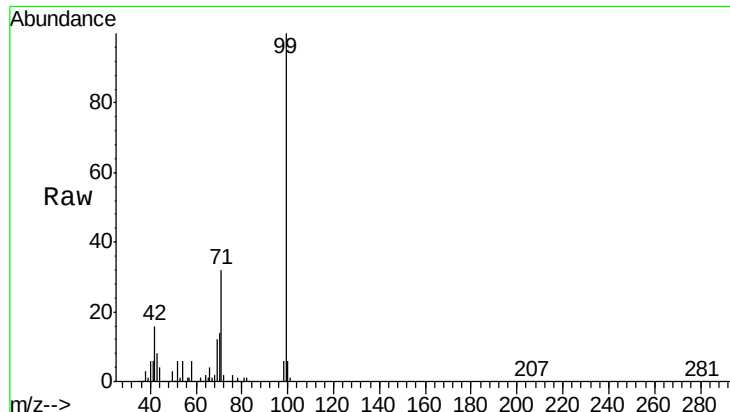
Tgt Ion:152 Resp: 213369
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.0 190.4
 115 58.5 47.0 70.6



#5
 2-Fluorophenol
 Concen: 37.64 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

Tgt Ion:112 Resp: 516194
 Ion Ratio Lower Upper
 112 100
 64 61.0 48.9 73.3
 63 32.0 28.1 42.1





#7

Phenol-d6

Concen: 26.07 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

111415-A263-F-D-M

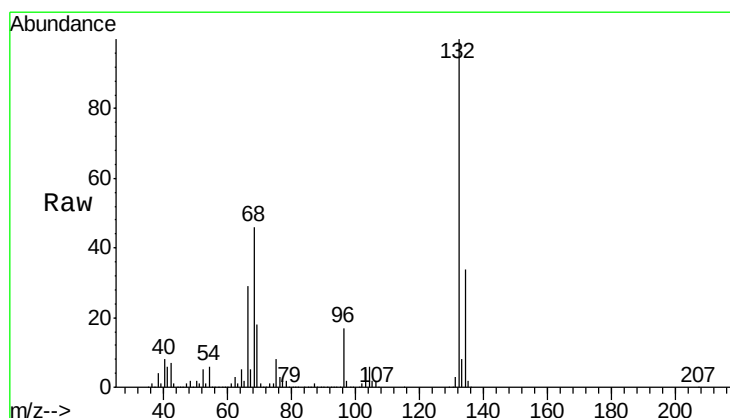
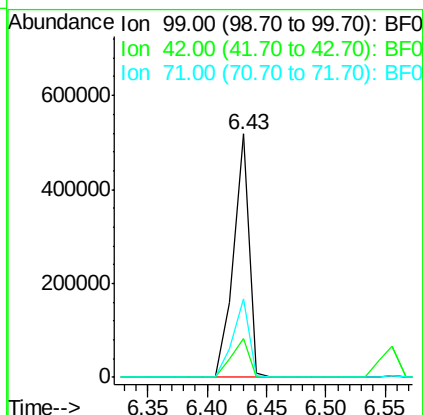
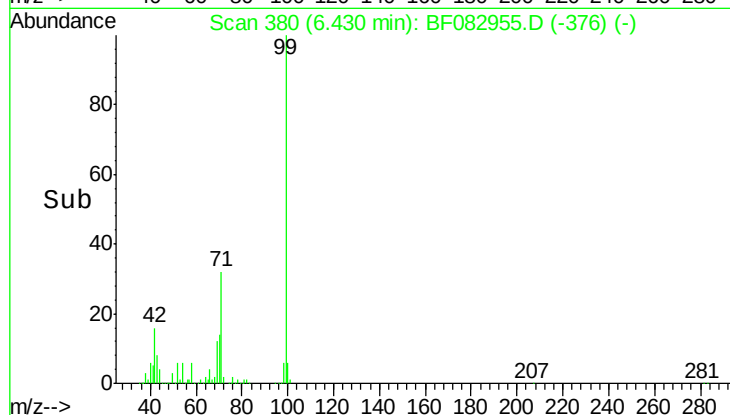
Tgt Ion: 99 Resp: 475342

Ion Ratio Lower Upper

99 100

42 15.9 19.2 28.8#

71 32.1 35.0 52.4#



#9

Benzaldehyde

Concen: 2.35 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

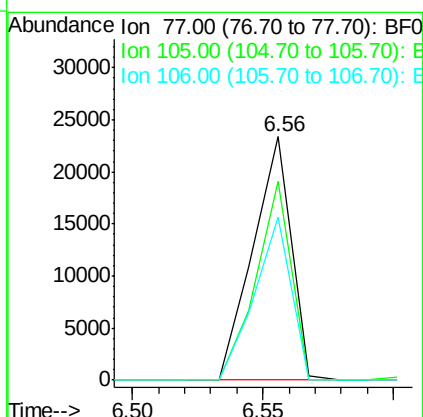
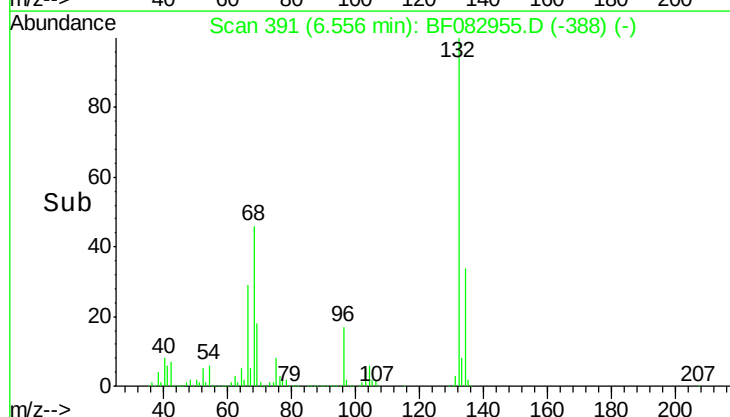
Tgt Ion: 77 Resp: 23707

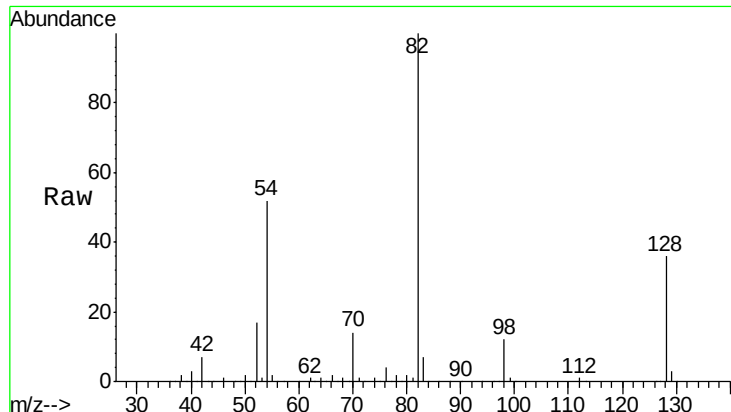
Ion Ratio Lower Upper

77 100

105 81.5 63.5 103.5

106 67.0 59.3 99.3

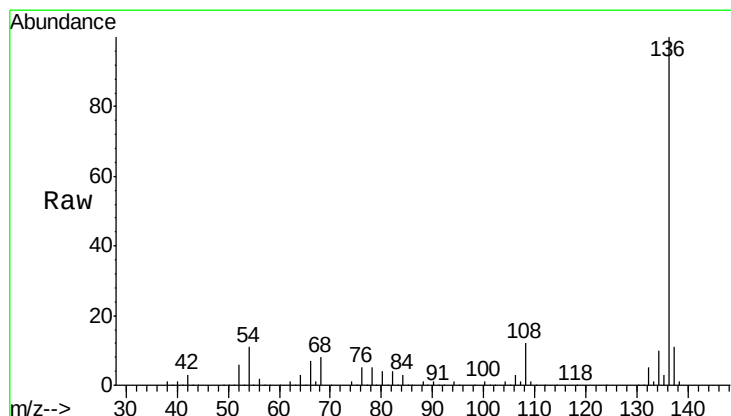
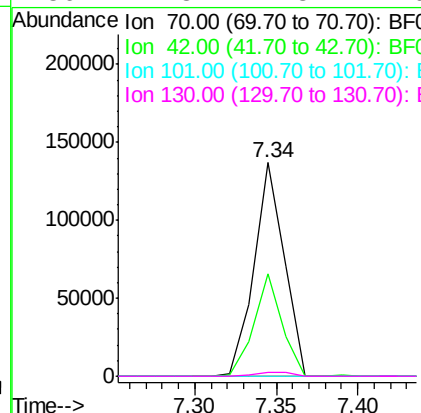
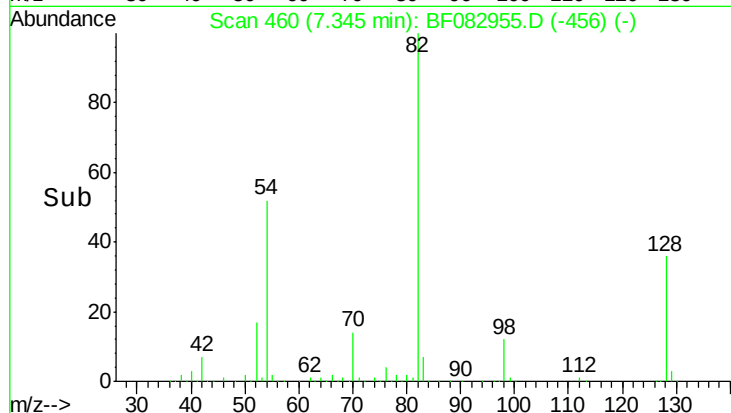




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.07 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

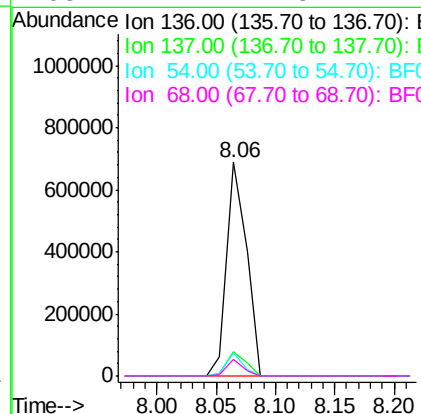
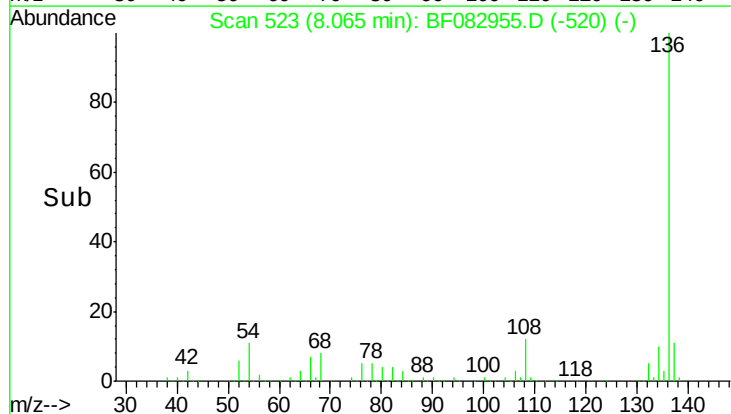
Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-D-M

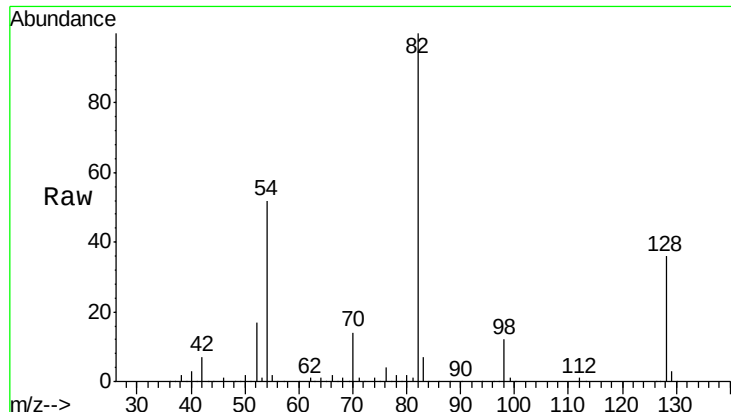
Tgt Ion:	70	Resp:	175156
Ion	Ratio	Lower	Upper
70	100		
42	48.1	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

Tgt Ion:	136	Resp:	792250
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.1	9.1	13.7
68	7.7	4.8	7.2#

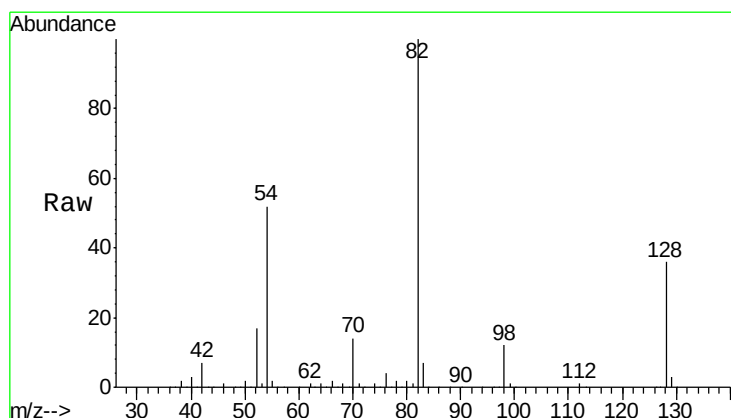
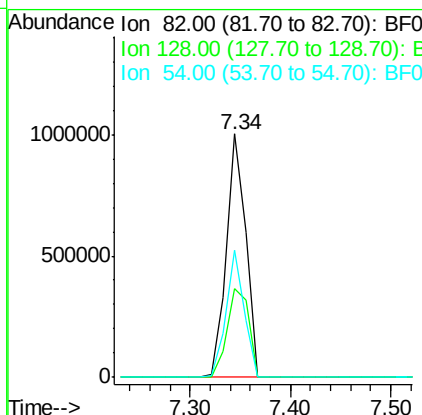
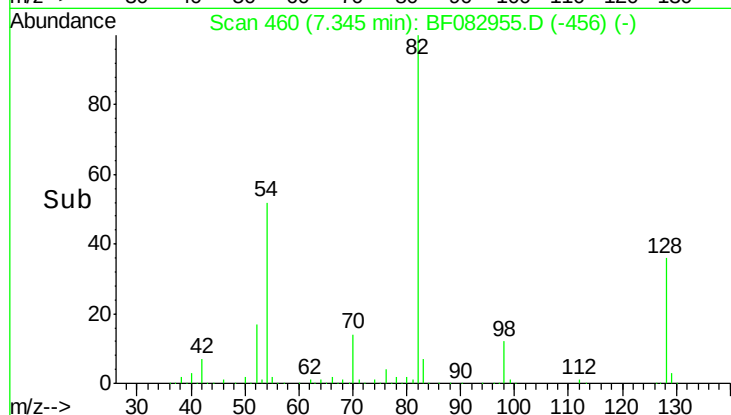




#23
 Nitrobenzene-d5
 Concen: 73.18 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

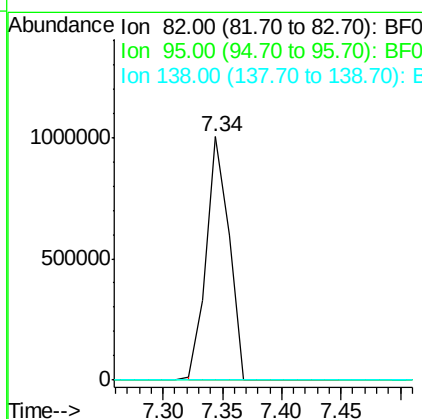
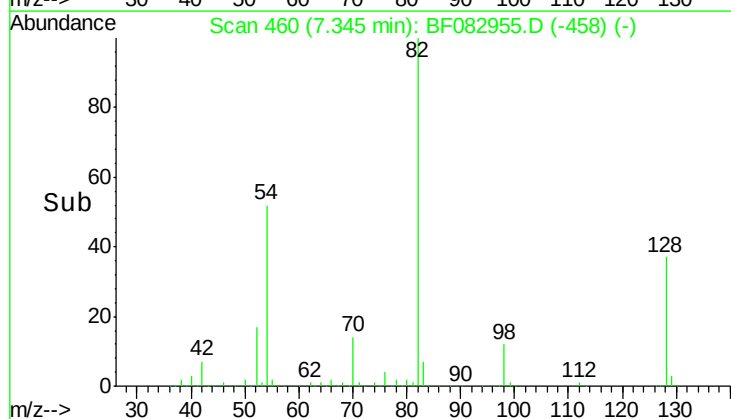
Instrument :
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 ClientSampleId :
 111415-A263-F-D-M

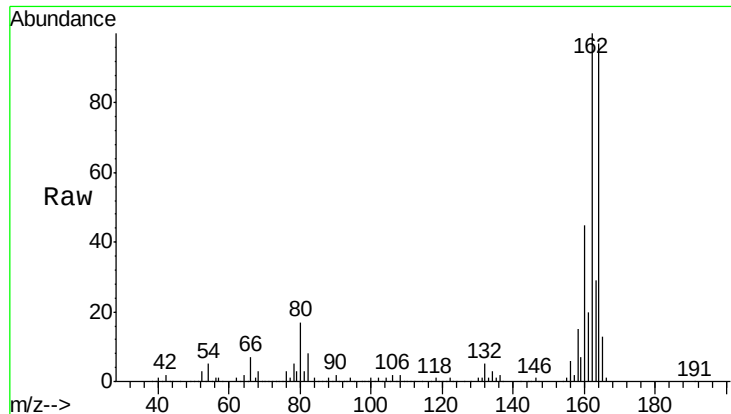
Tgt Ion: 82 Resp: 1332434
 Ion Ratio Lower Upper
 82 100
 128 36.5 26.8 40.2
 54 52.2 45.7 68.5



#25
 Isophorone
 Concen: 39.32 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

Tgt Ion: 82 Resp: 1324625
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

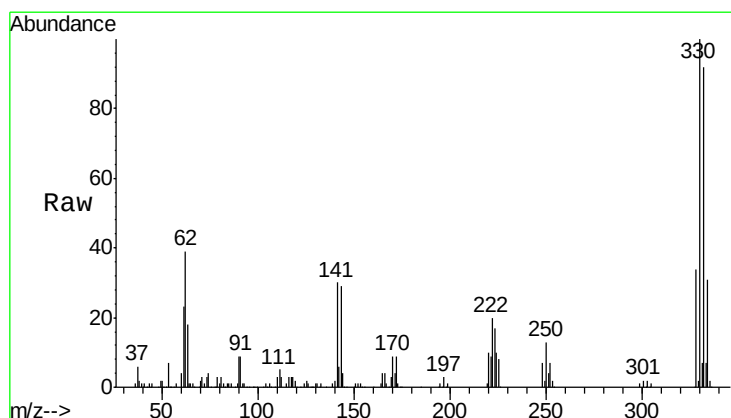
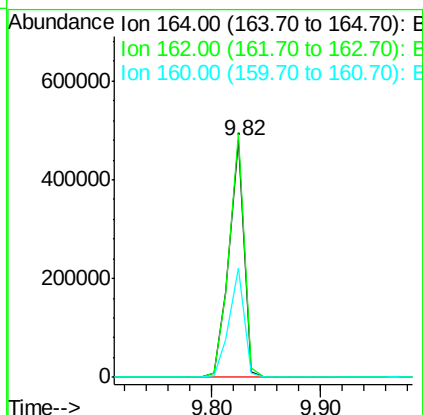
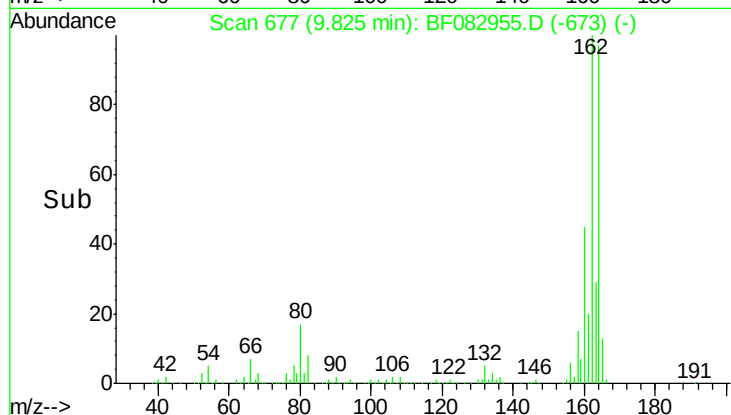




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

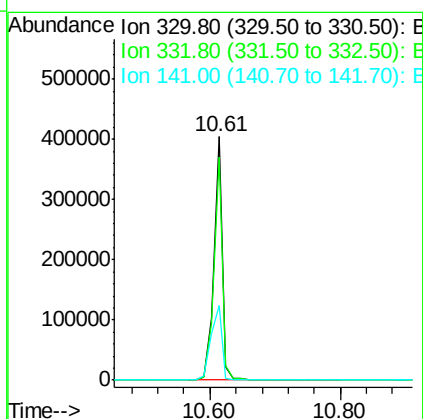
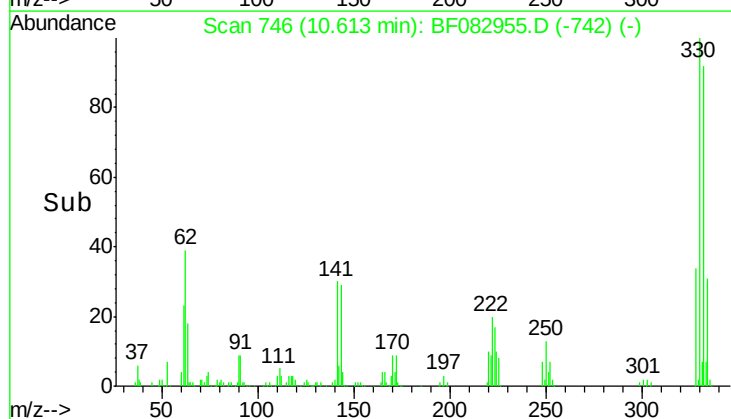
Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-D-M

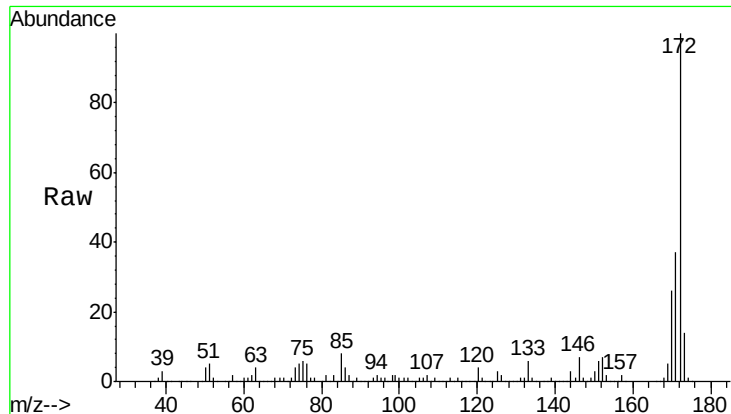
Tgt Ion:164 Resp: 462843
 Ion Ratio Lower Upper
 164 100
 162 102.7 84.9 127.3
 160 45.9 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 70.84 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

Tgt Ion:330 Resp: 375918
 Ion Ratio Lower Upper
 330 100
 332 92.1 76.6 114.8
 141 39.0 41.2 61.8#

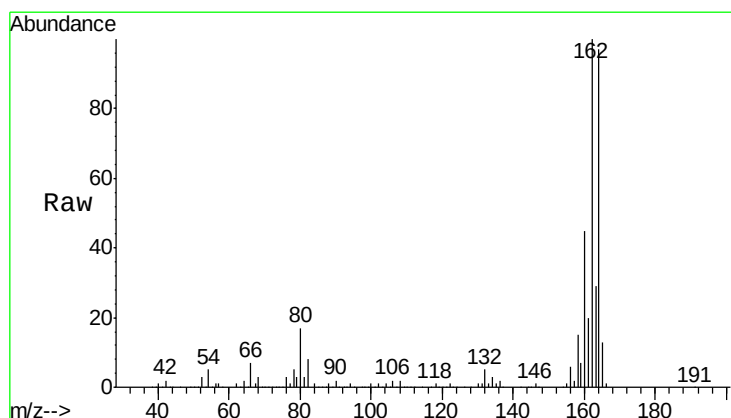
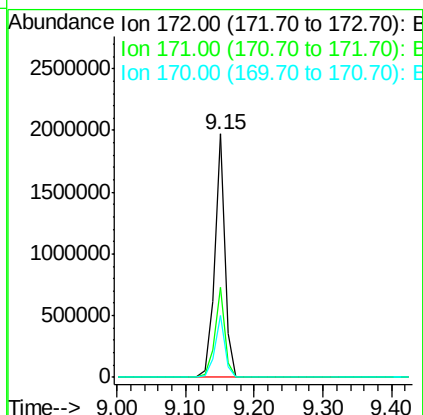
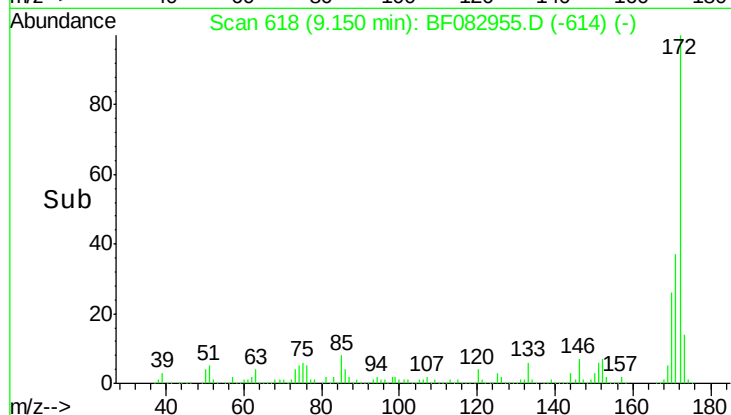




#44
 2-Fluorobiphenyl
 Concen: 64.35 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

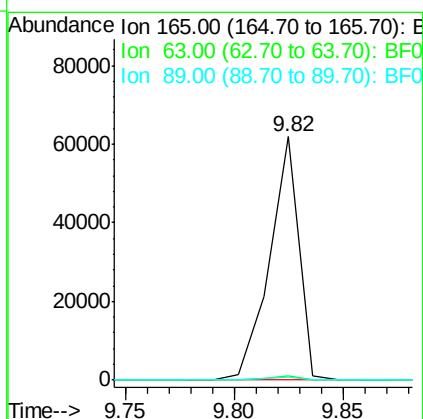
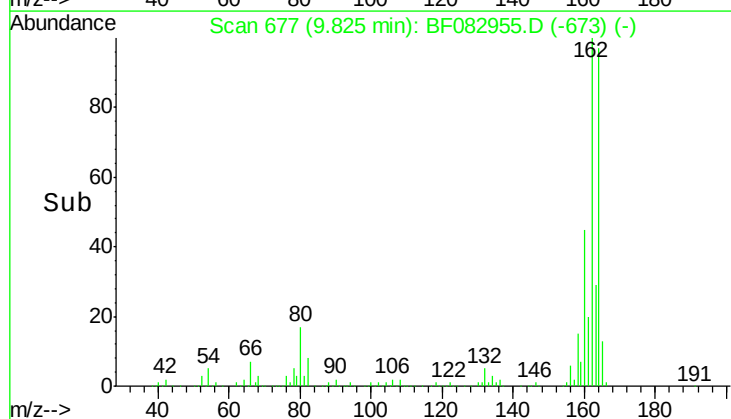
Instrument :
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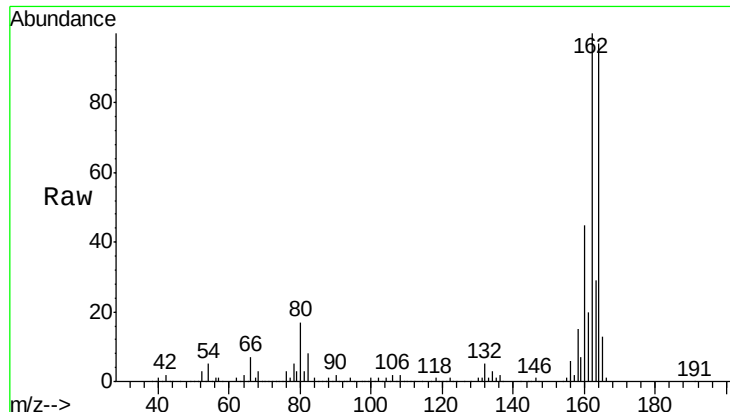
Tgt Ion:172 Resp: 2077952
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.6 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.27 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

Tgt Ion:165 Resp: 58856
 Ion Ratio Lower Upper
 165 100
 63 1.6 55.5 83.3#
 89 1.5 55.0 82.6#





#56

2,4-Dinitrotoluene

Concen: 5.36 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.25 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

111415-A263-F-D-M

Tgt Ion:165 Resp: 58858

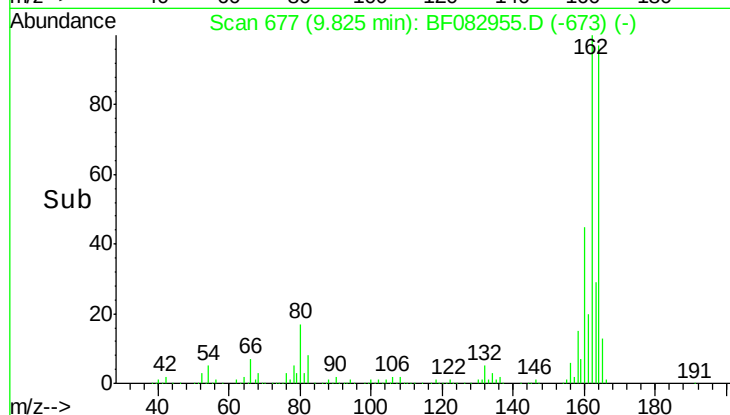
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 1.5 70.6 106.0#

182 0.0 1.5 2.3#

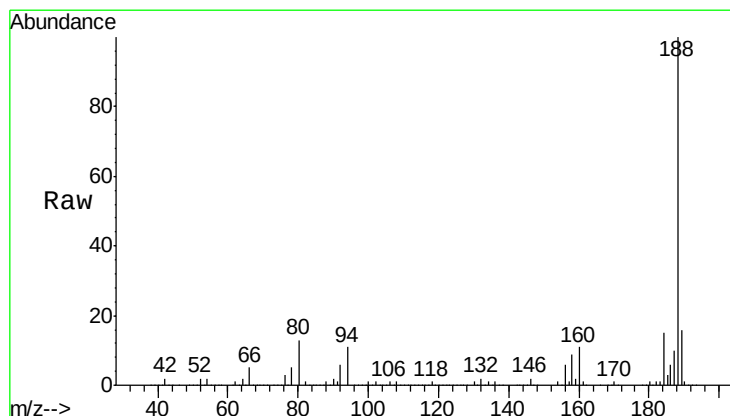
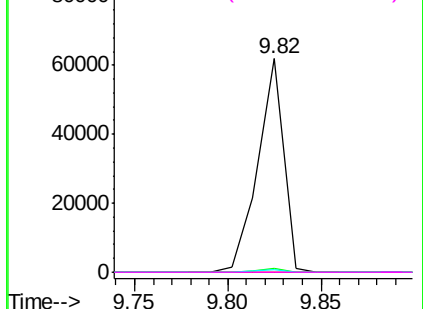


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.08 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

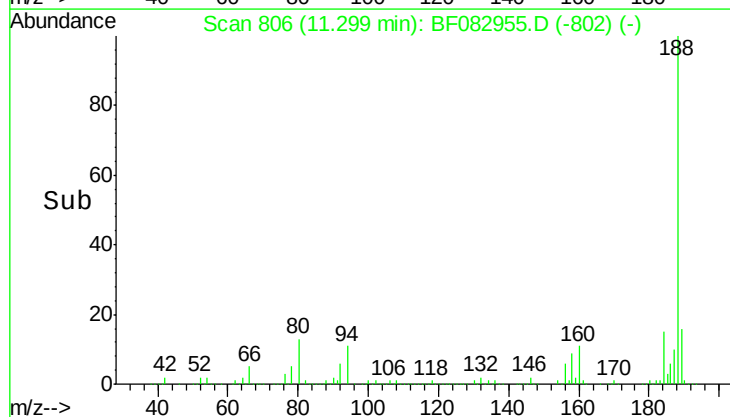
Tgt Ion:188 Resp: 822508

Ion Ratio Lower Upper

188 100

94 11.3 6.1 9.1#

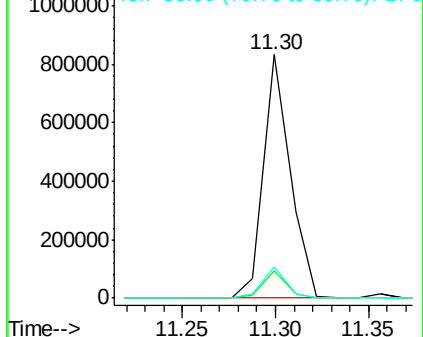
80 13.0 7.0 10.6#

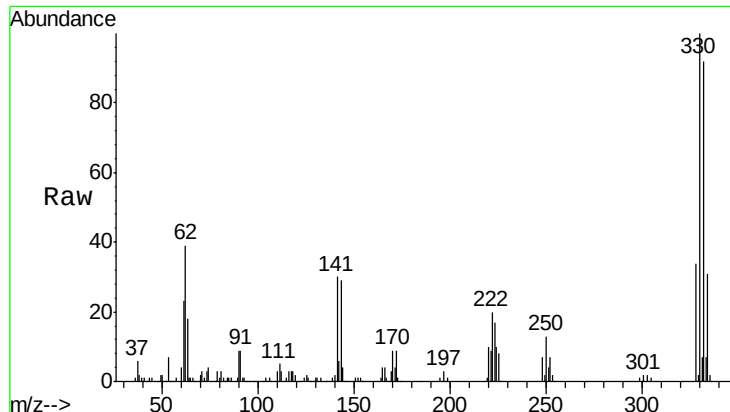


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

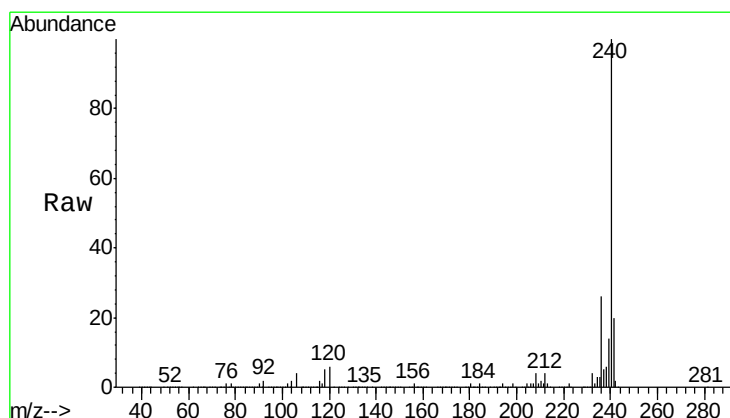
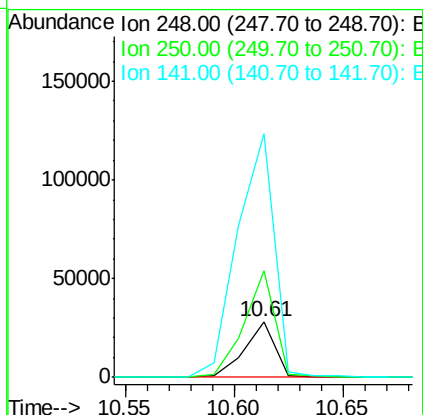
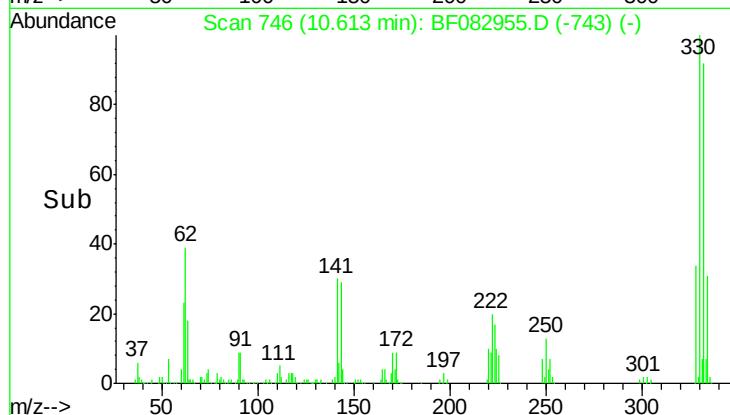




#66
 4-Bromophenyl-phenylether
 Concen: 2.74 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

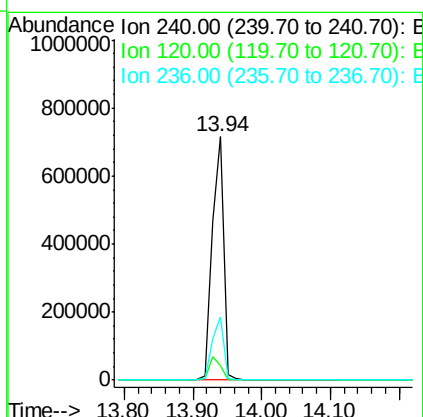
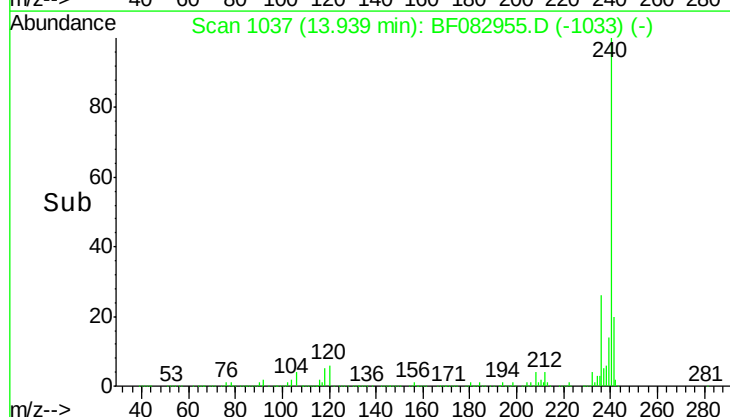
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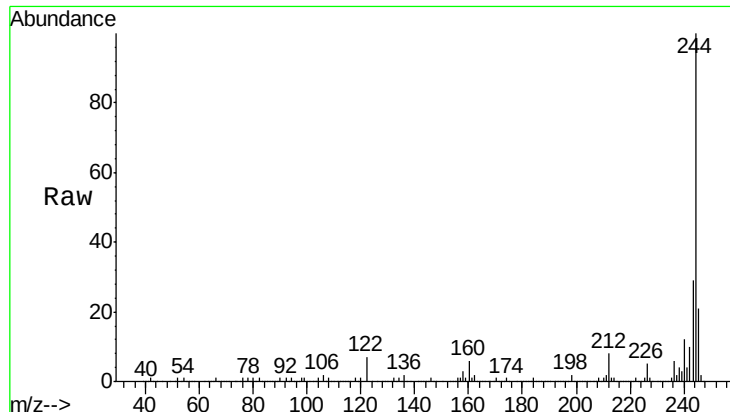
Tgt Ion:248 Resp: 27163
 Ion Ratio Lower Upper
 248 100
 250 190.7 79.4 119.2#
 141 434.1 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

Tgt Ion:240 Resp: 843224
 Ion Ratio Lower Upper
 240 100
 120 5.9 10.9 16.3#
 236 26.0 21.6 32.4

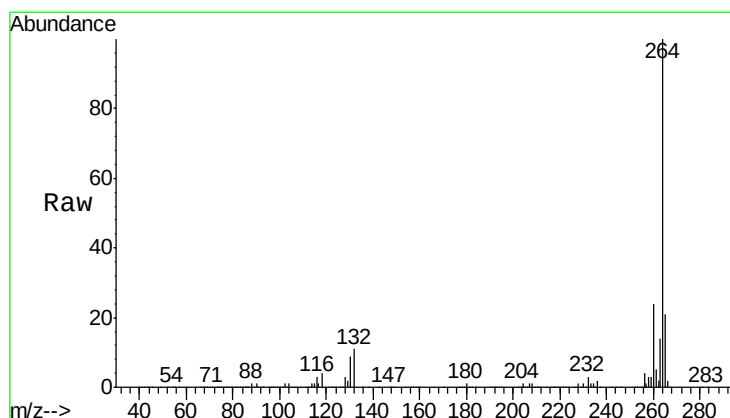
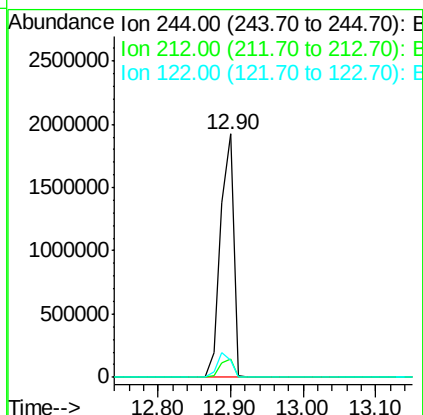
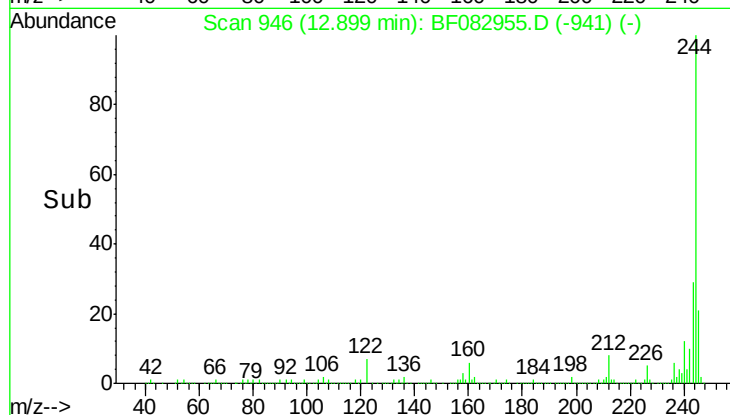




#78
 Terphenyl-d14
 Concen: 68.28 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-D-M

Tgt Ion:244 Resp: 2427595
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.6 11.4
 122 6.8 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: BF082955.D
 Acq: 16 Nov 2015 23:22

Tgt Ion:264 Resp: 666999
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.3 17.4 26.0

