

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082947.D
 Acq On : 16 Nov 2015 19:29
 Operator : UM/IZ
 Sample : G4429-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-B

Quant Time: Nov 17 00:09:43 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

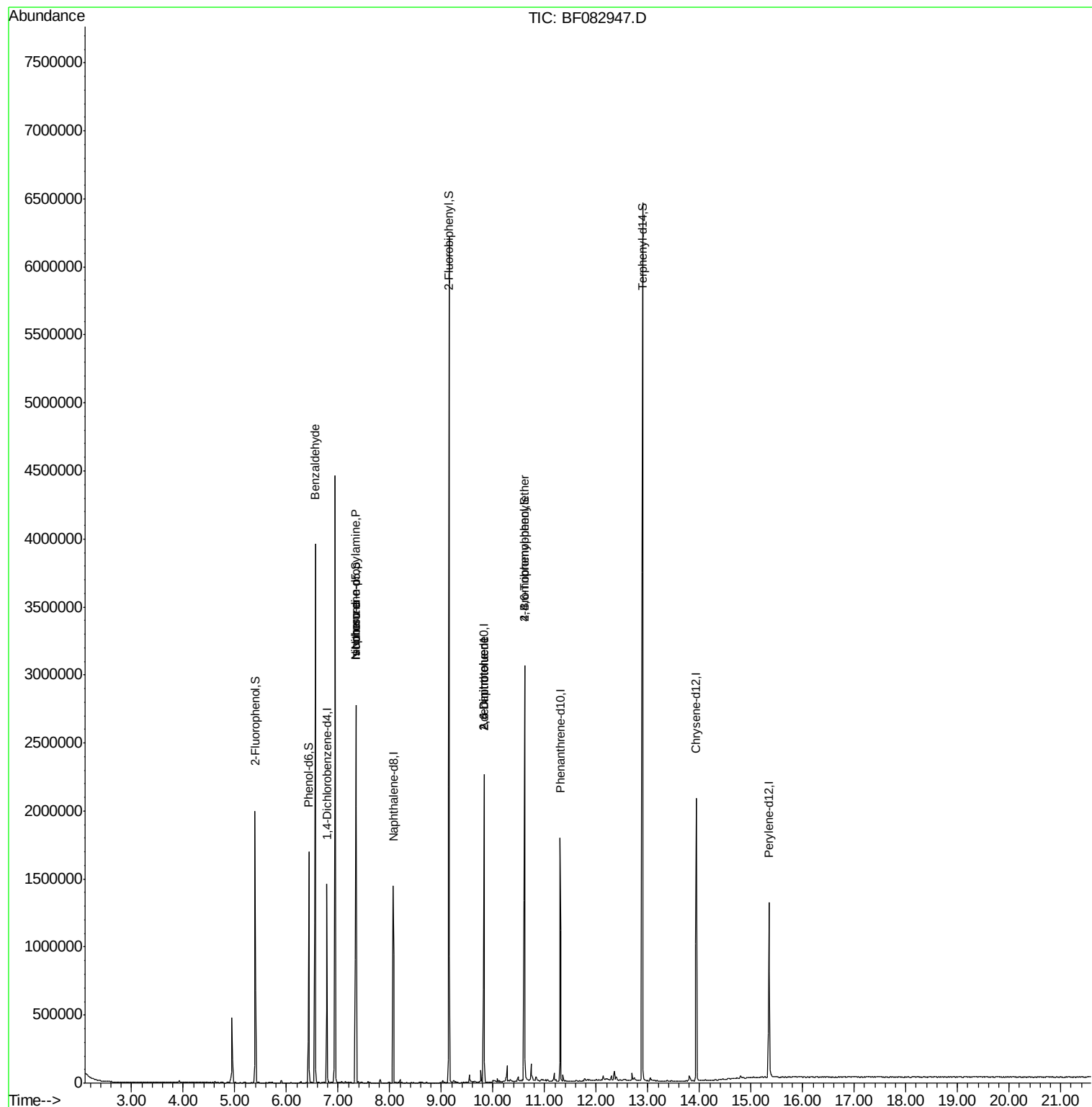
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	227212	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	823016	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	465157	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	832939	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	832268	20.00	ng	-0.08
86) Perylene-d12	15.35	264	659042	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	545131	37.33	ng	-0.06
7) Phenol-d6	6.43	99	515188	26.54	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1414091	74.76	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	361185	67.72	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2092522	64.47	ng	-0.07
78) Terphenyl-d14	12.90	244	2355140	67.12	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	27660	2.58	ng	# 81
19) n-Nitroso-di-n-propylamine	7.34	70	183758	12.88	ng	# 70
25) Isophorone	7.34	82	1408718	40.25	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	61406	7.55	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	61411	5.57	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	25669	2.56	ng	# 1

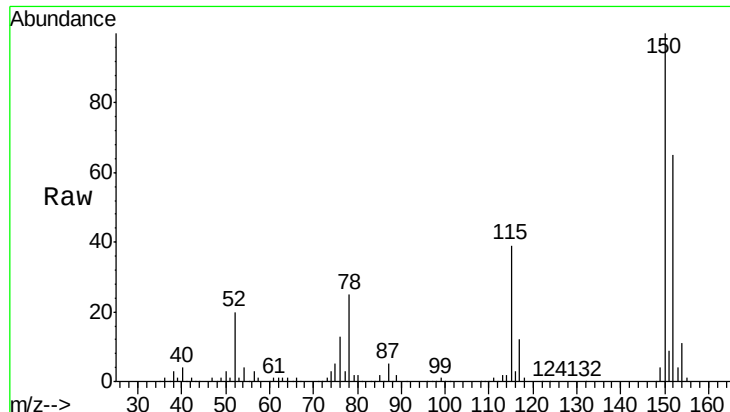
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
Data File : BF082947.D
Acq On : 16 Nov 2015 19:29
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Sample : G4429-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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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: BF082947.D

Acq: 16 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

111315-A263-F-D-B

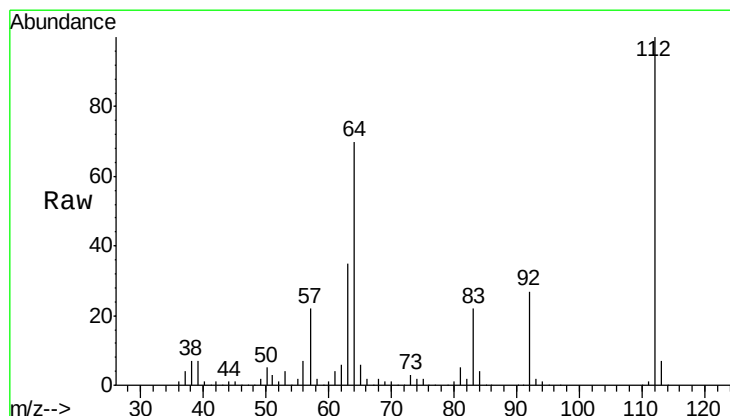
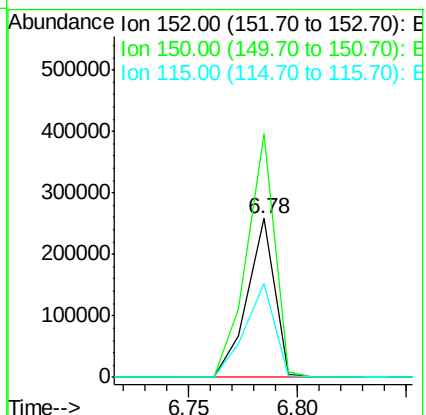
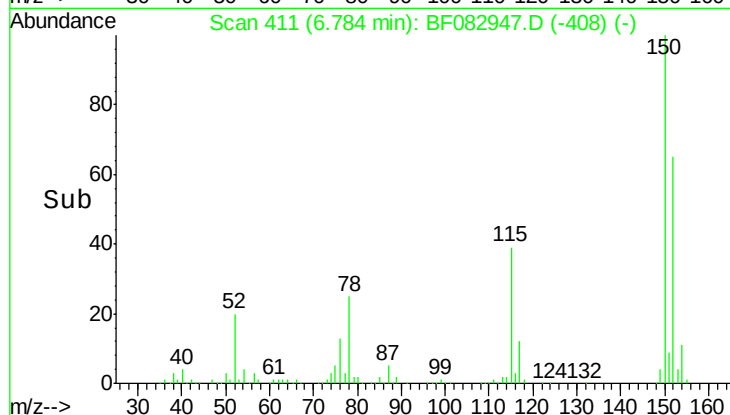
Tgt Ion:152 Resp: 227212

Ion Ratio Lower Upper

152 100

150 153.2 127.0 190.4

115 59.1 47.0 70.6



#5

2-Fluorophenol

Concen: 37.33 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082947.D

Acq: 16 Nov 2015 19:29

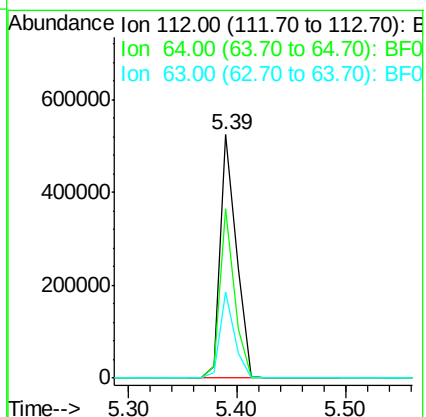
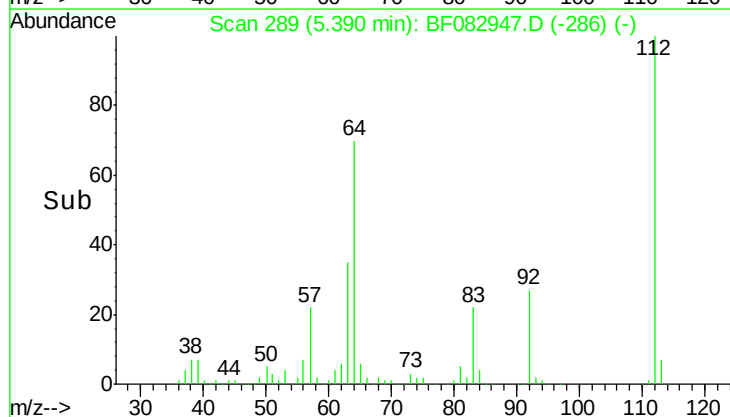
Tgt Ion:112 Resp: 545131

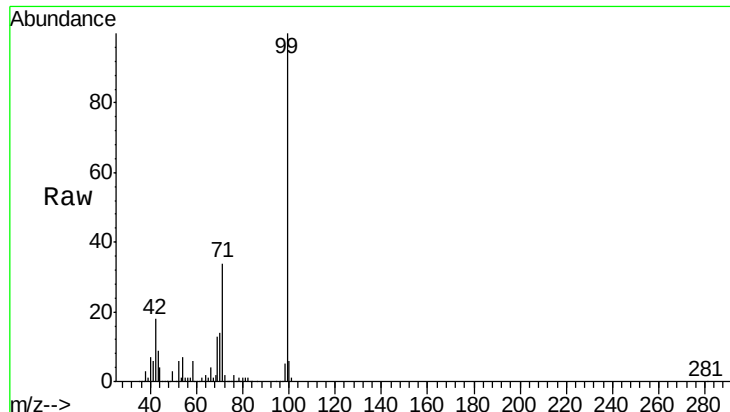
Ion Ratio Lower Upper

112 100

64 69.8 48.9 73.3

63 35.2 28.1 42.1





#7

Phenol-d6

Concen: 26.54 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082947.D

Acq: 16 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

111315-A263-F-D-B

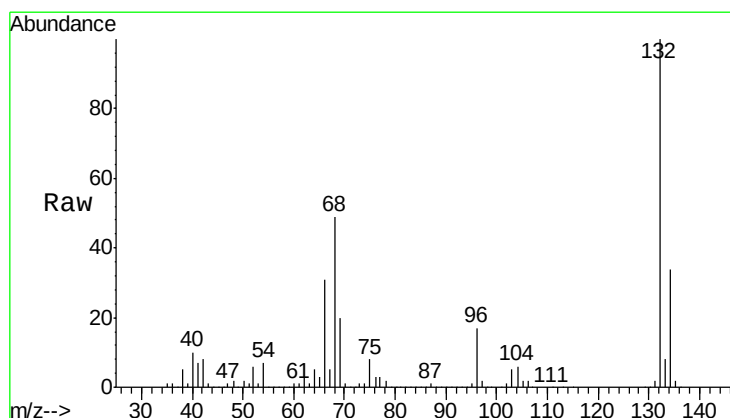
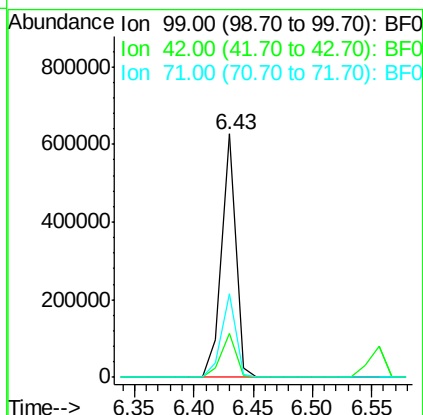
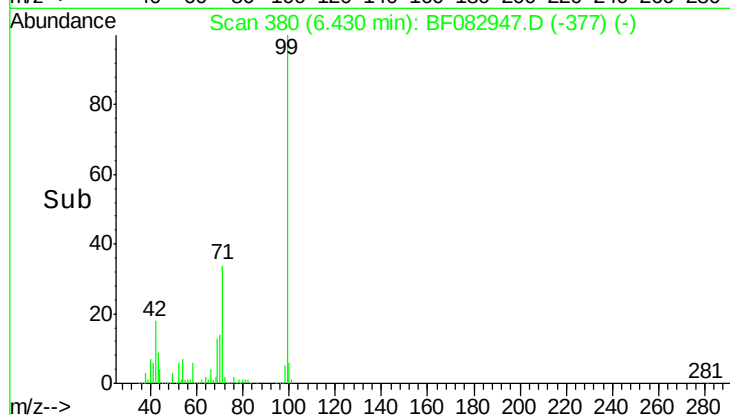
Tgt Ion: 99 Resp: 515188

Ion Ratio Lower Upper

99 100

42 17.9 19.2 28.8#

71 34.2 35.0 52.4#



#9

Benzaldehyde

Concen: 2.58 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082947.D

Acq: 16 Nov 2015 19:29

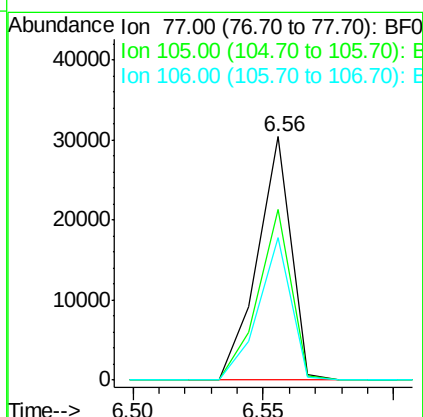
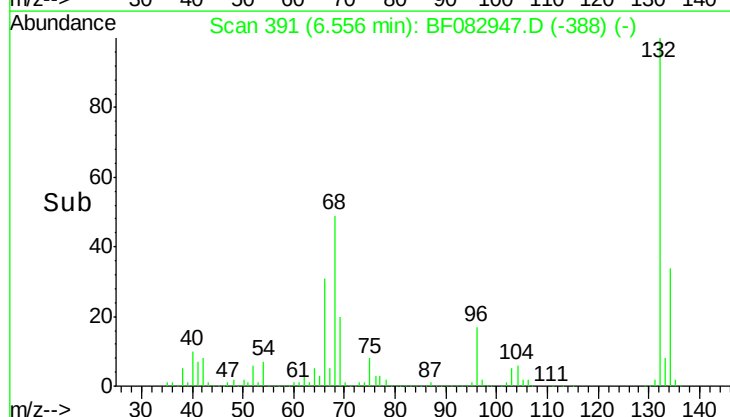
Tgt Ion: 77 Resp: 27660

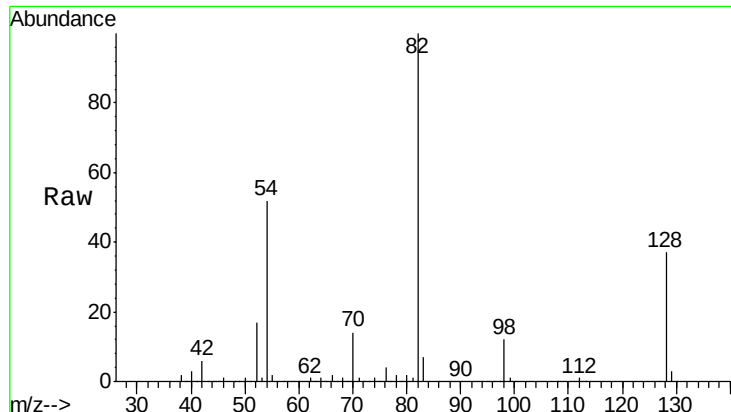
Ion Ratio Lower Upper

77 100

105 70.2 63.5 103.5

106 58.5 59.3 99.3#

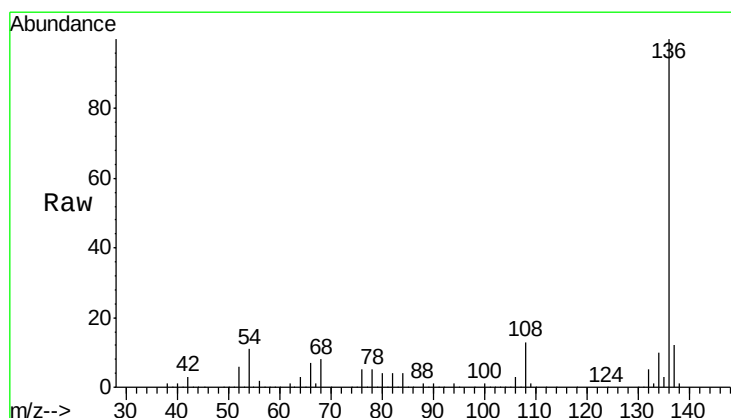
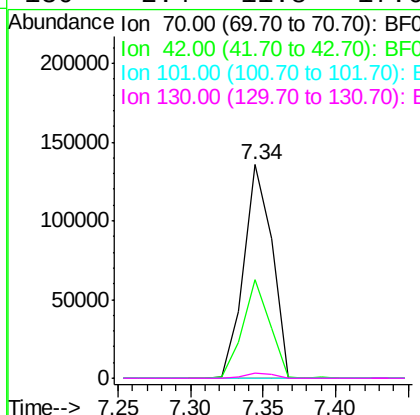
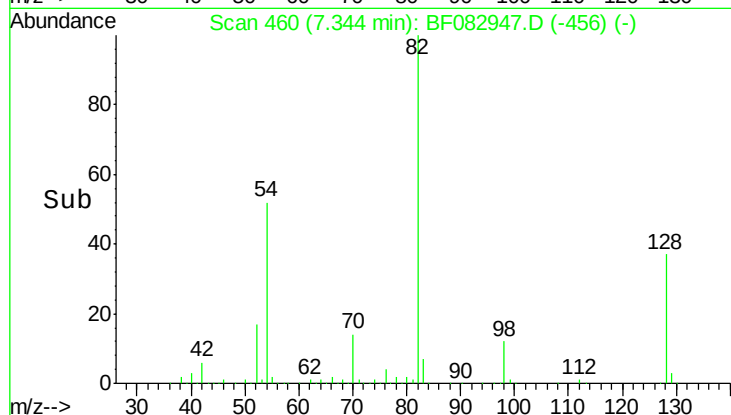




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.88 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

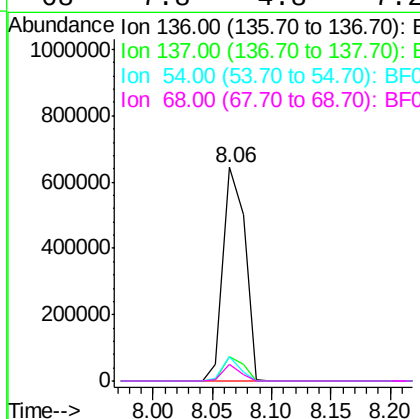
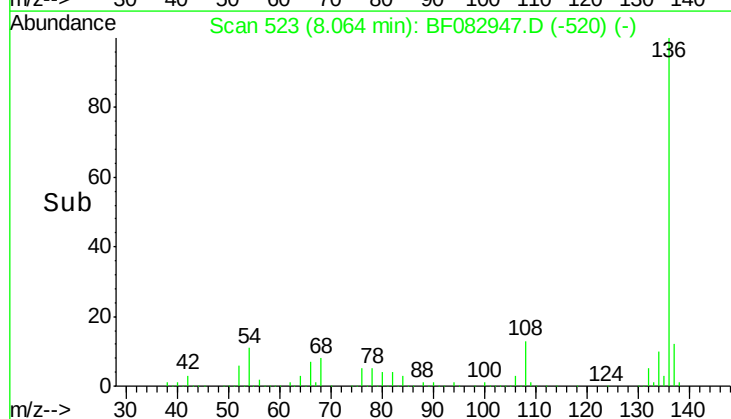
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-B

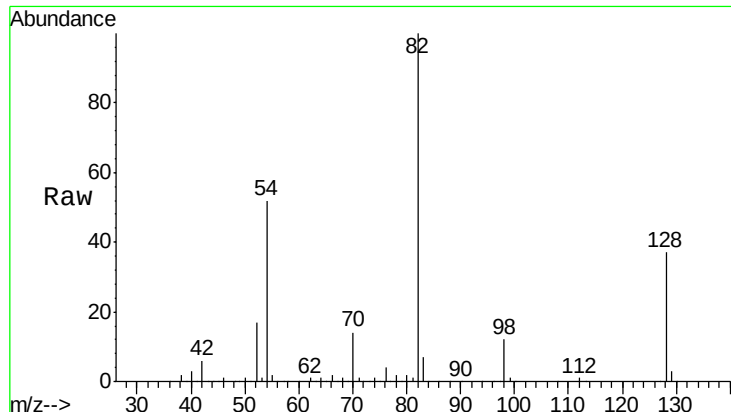
Tgt Ion:	70	Resp:	183758
Ion	Ratio	Lower	Upper
70	100		
42	46.0	57.7	86.5#
101	0.0	7.0	10.6#
130	2.4	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

Tgt Ion:	136	Resp:	823016
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.2	9.1	13.7
68	7.8	4.8	7.2#

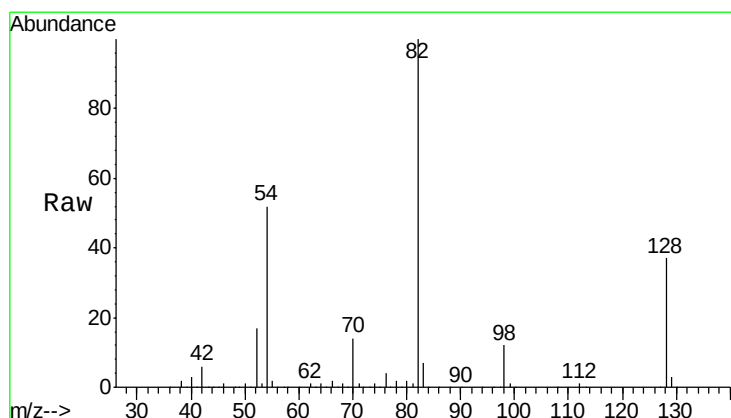
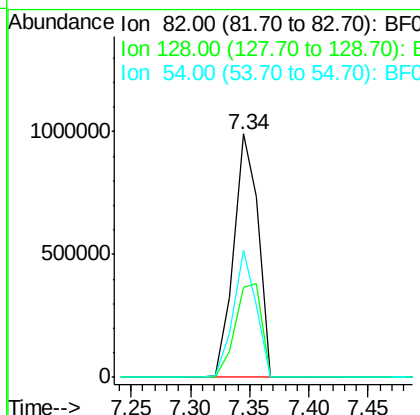
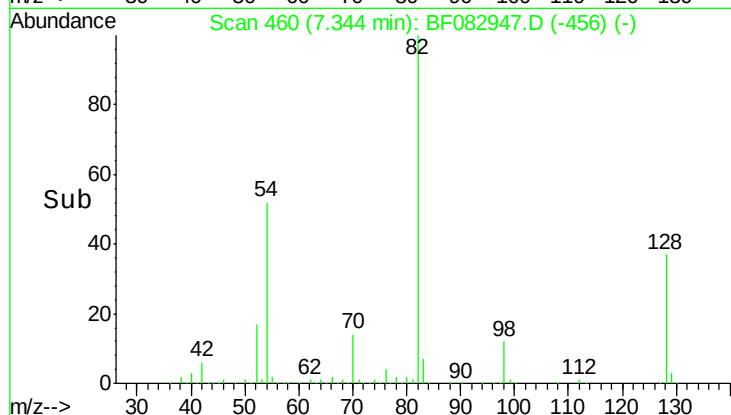




#23
 Nitrobenzene-d5
 Concen: 74.76 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

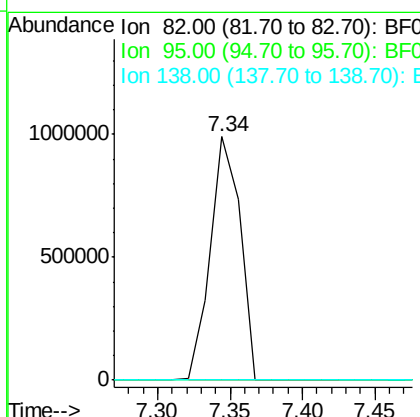
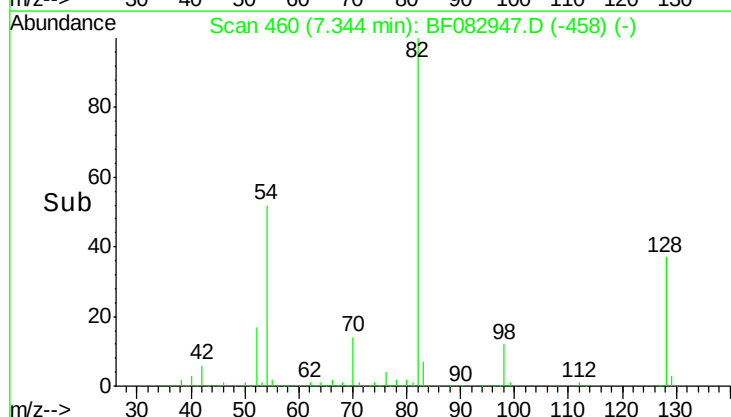
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-B

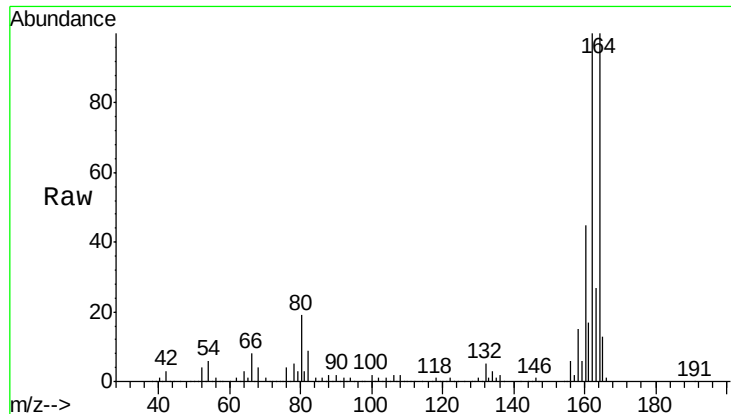
Tgt Ion: 82 Resp: 1414091
 Ion Ratio Lower Upper
 82 100
 128 36.8 26.8 40.2
 54 52.0 45.7 68.5



#25
 Isophorone
 Concen: 40.25 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

Tgt Ion: 82 Resp: 1408718
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

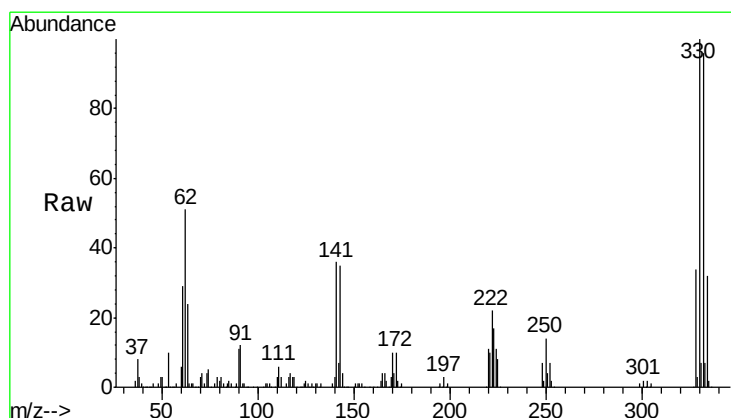
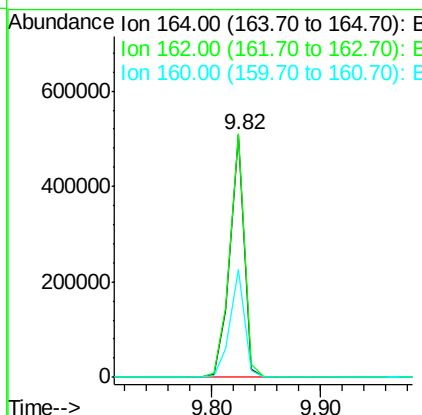
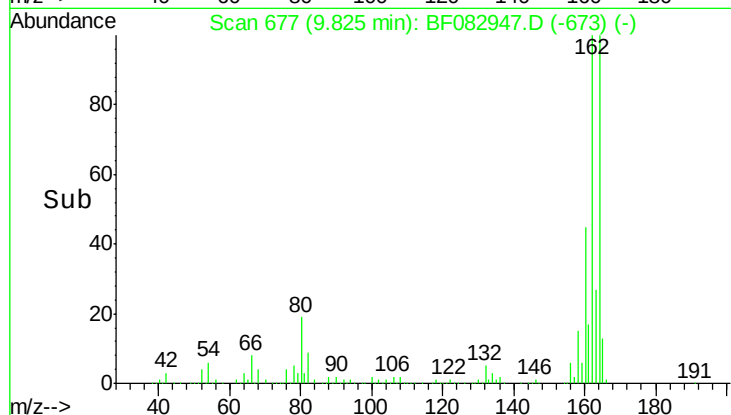




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

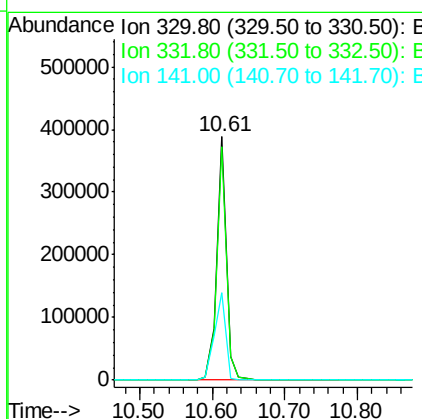
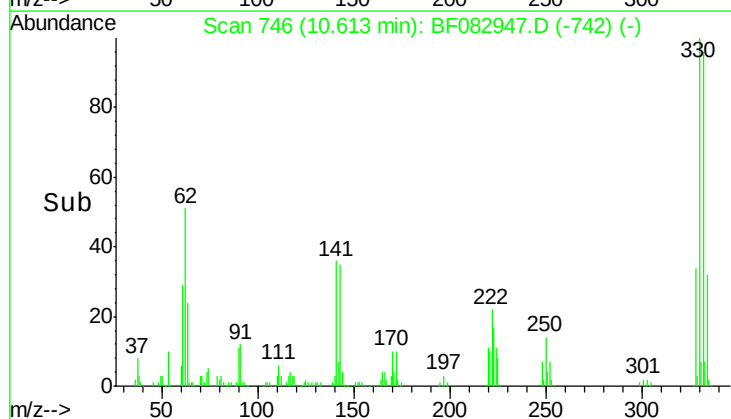
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-B

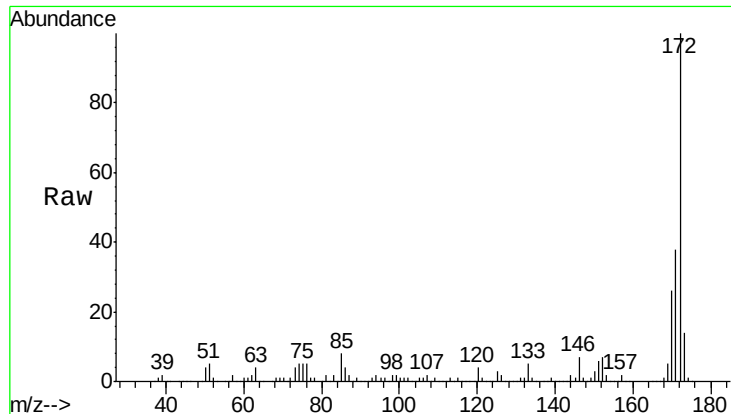
Tgt Ion:164 Resp: 465157
 Ion Ratio Lower Upper
 164 100
 162 100.4 84.9 127.3
 160 44.8 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 67.72 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

Tgt Ion:330 Resp: 361185
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 42.2 41.2 61.8

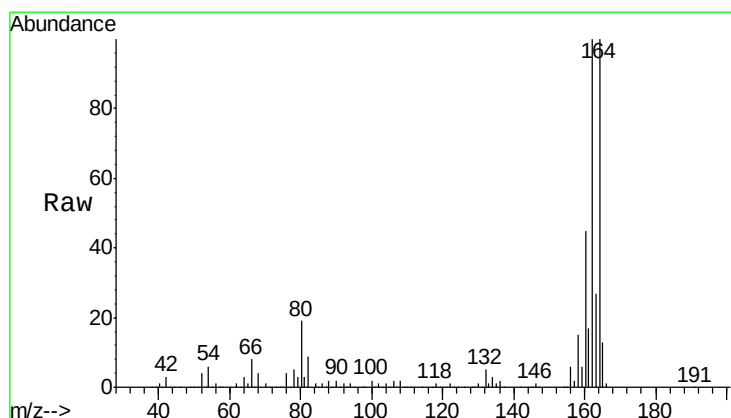
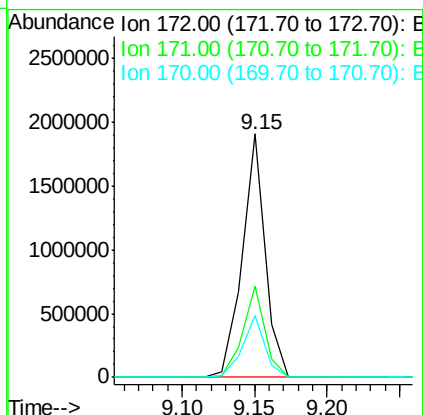
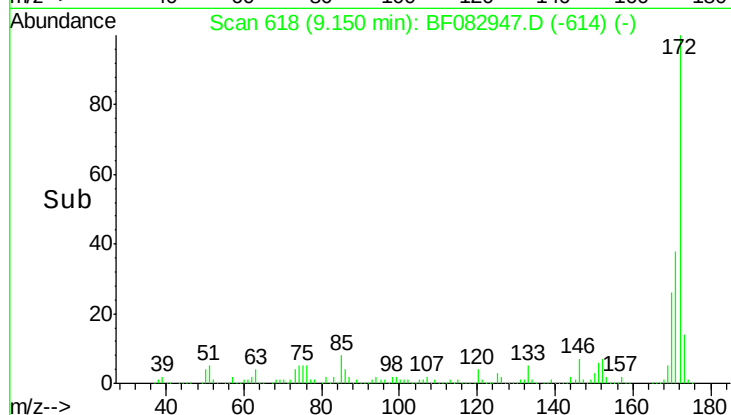




#44
 2-Fluorobiphenyl
 Concen: 64.47 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

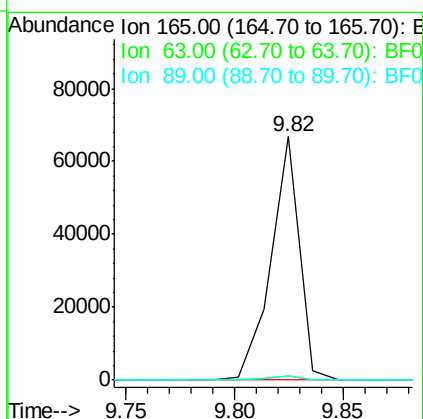
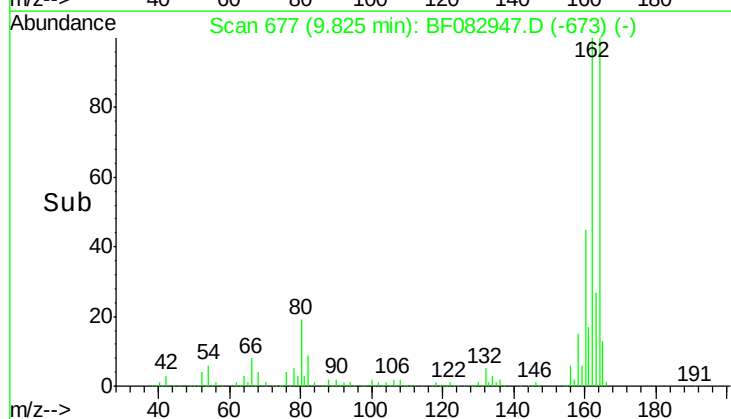
Instrument :
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 111315-A263-F-D-B

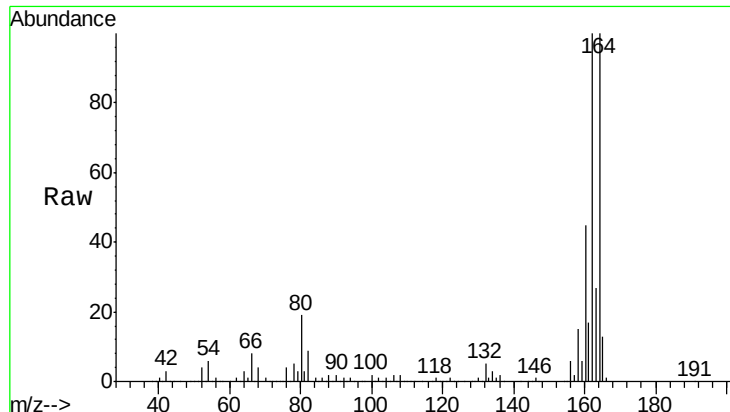
Tgt Ion:172 Resp: 2092522
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.6 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

Tgt Ion:165 Resp: 61406
 Ion Ratio Lower Upper
 165 100
 63 1.5 55.5 83.3#
 89 1.7 55.0 82.6#

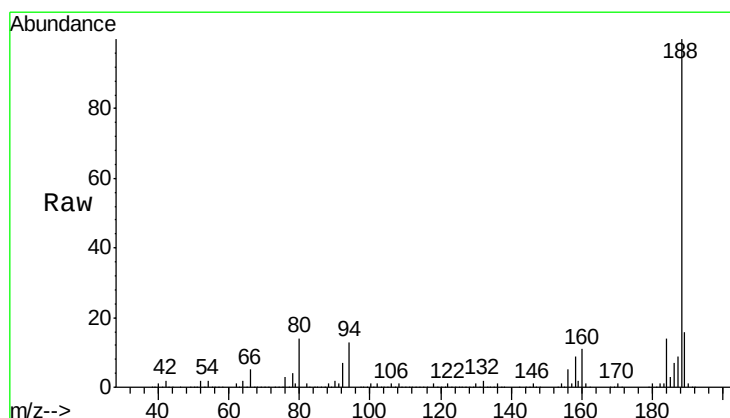
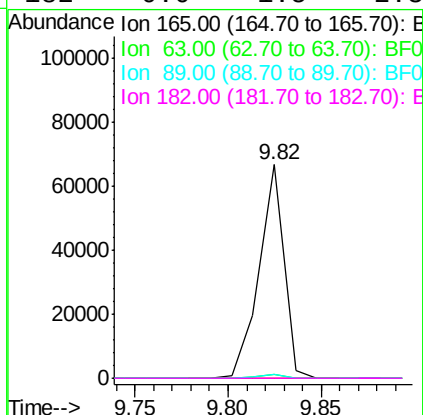
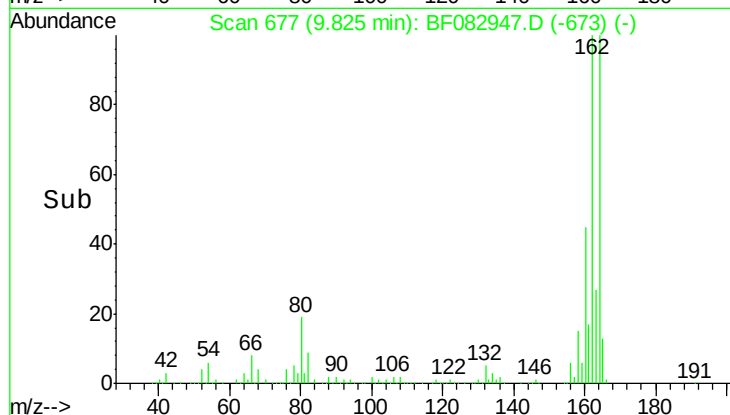




#56
 2,4-Dinitrotoluene
 Concen: 5.57 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

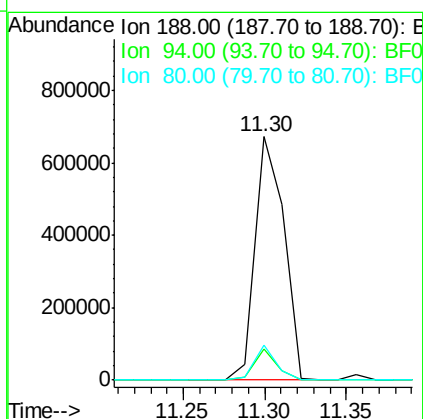
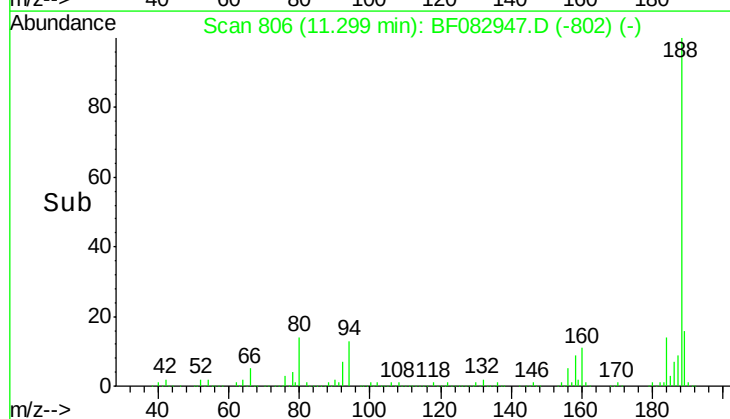
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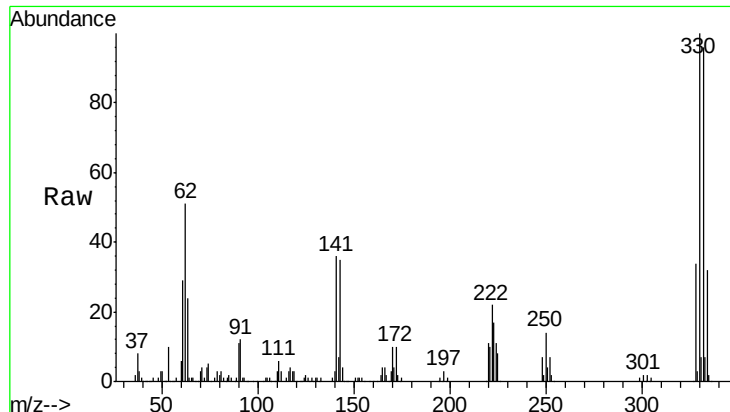
Tgt Ion:	165	Resp:	61411
Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

Tgt Ion:	188	Resp:	832939
Ion	Ratio	Lower	Upper
188	100		
94	12.6	6.1	9.1#
80	14.5	7.0	10.6#

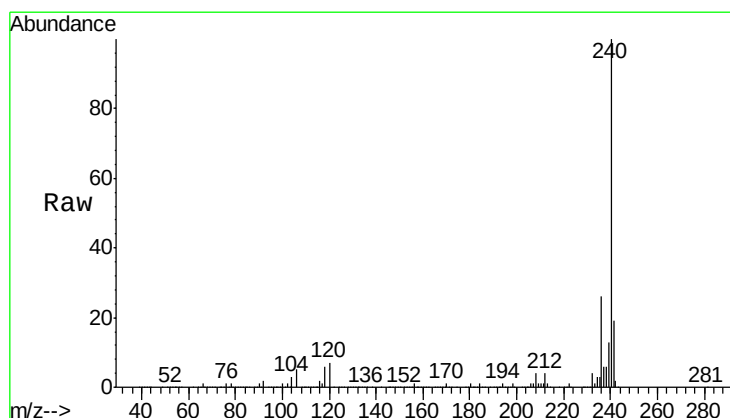
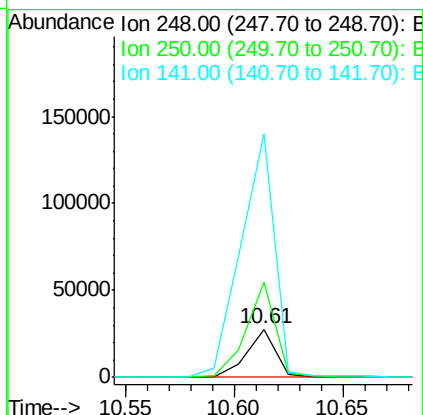
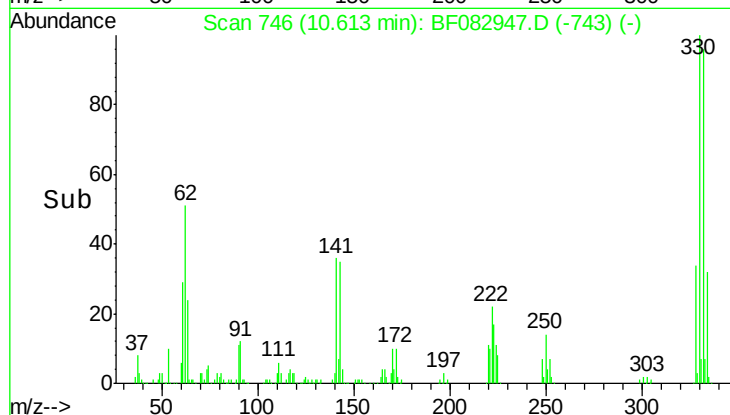




#66
 4-Bromophenyl-phenylether
 Concen: 2.56 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

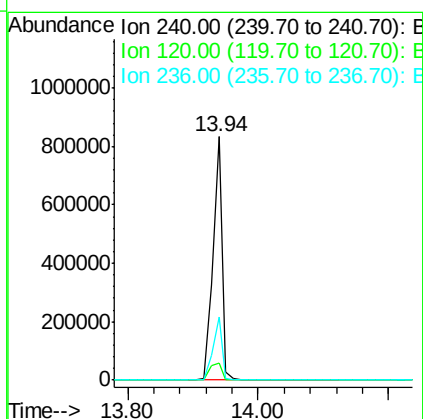
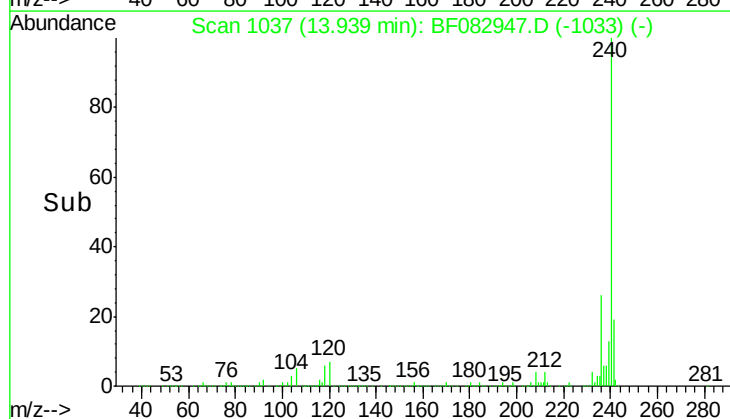
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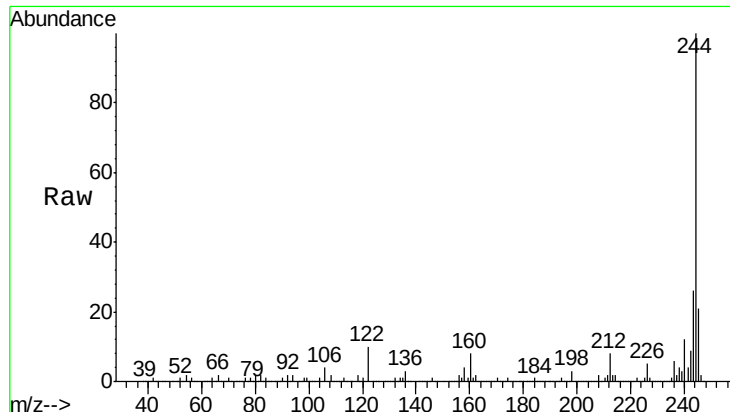
Tgt Ion:248 Resp: 25669
 Ion Ratio Lower Upper
 248 100
 250 197.5 79.4 119.2#
 141 505.0 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082947.D
 Acq: 16 Nov 2015 19:29

Tgt Ion:240 Resp: 832268
 Ion Ratio Lower Upper
 240 100
 120 7.3 10.9 16.3#
 236 25.8 21.6 32.4





#78

Terphenyl-d14

Concen: 67.12 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082947.D

Acq: 16 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

111315-A263-F-D-B

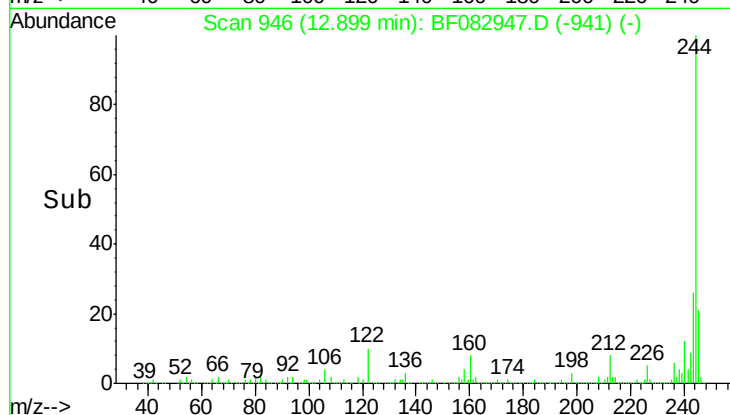
Tgt Ion:244 Resp: 2355140

Ion Ratio Lower Upper

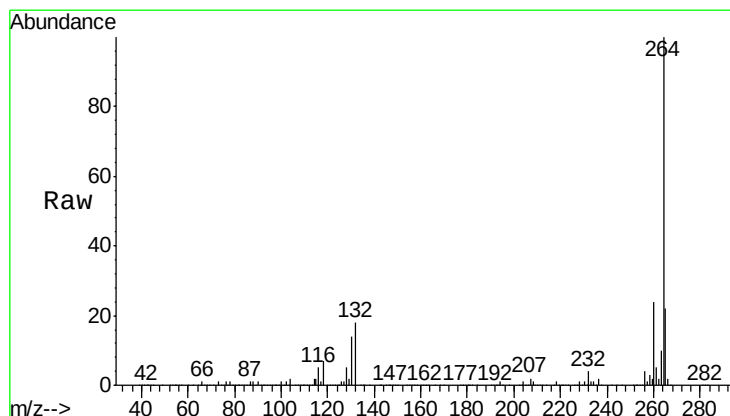
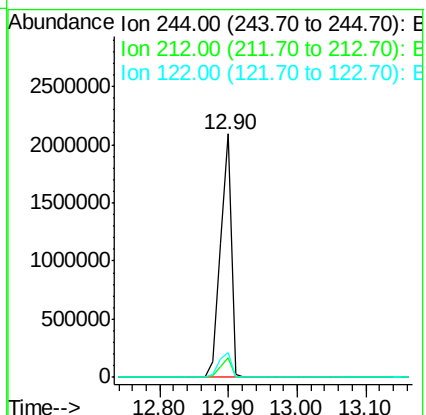
244 100

212 8.2 7.6 11.4

122 10.1 11.3 16.9#



Scan 946 (12.899 min): BF082947.D (-941) (-)



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.11 min

Lab File: BF082947.D

Acq: 16 Nov 2015 19:29

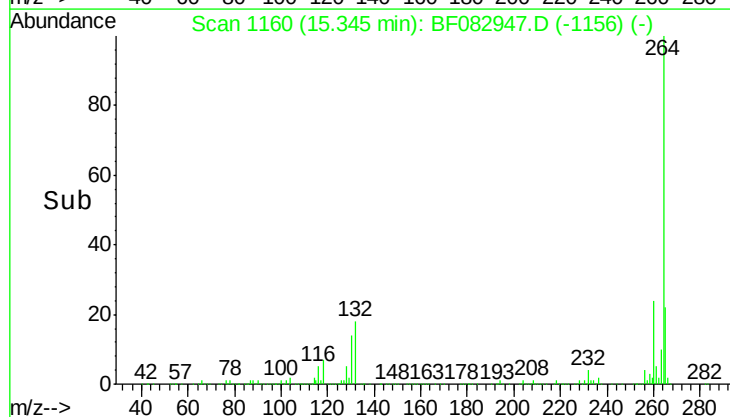
Tgt Ion:264 Resp: 659042

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.7 17.4 26.0



Scan 1160 (15.345 min): BF082947.D (-1156) (-)

