

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082946.D
 Acq On : 16 Nov 2015 19:00
 Operator : UM/IZ
 Sample : G4429-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-S

Quant Time: Nov 17 00:09:21 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

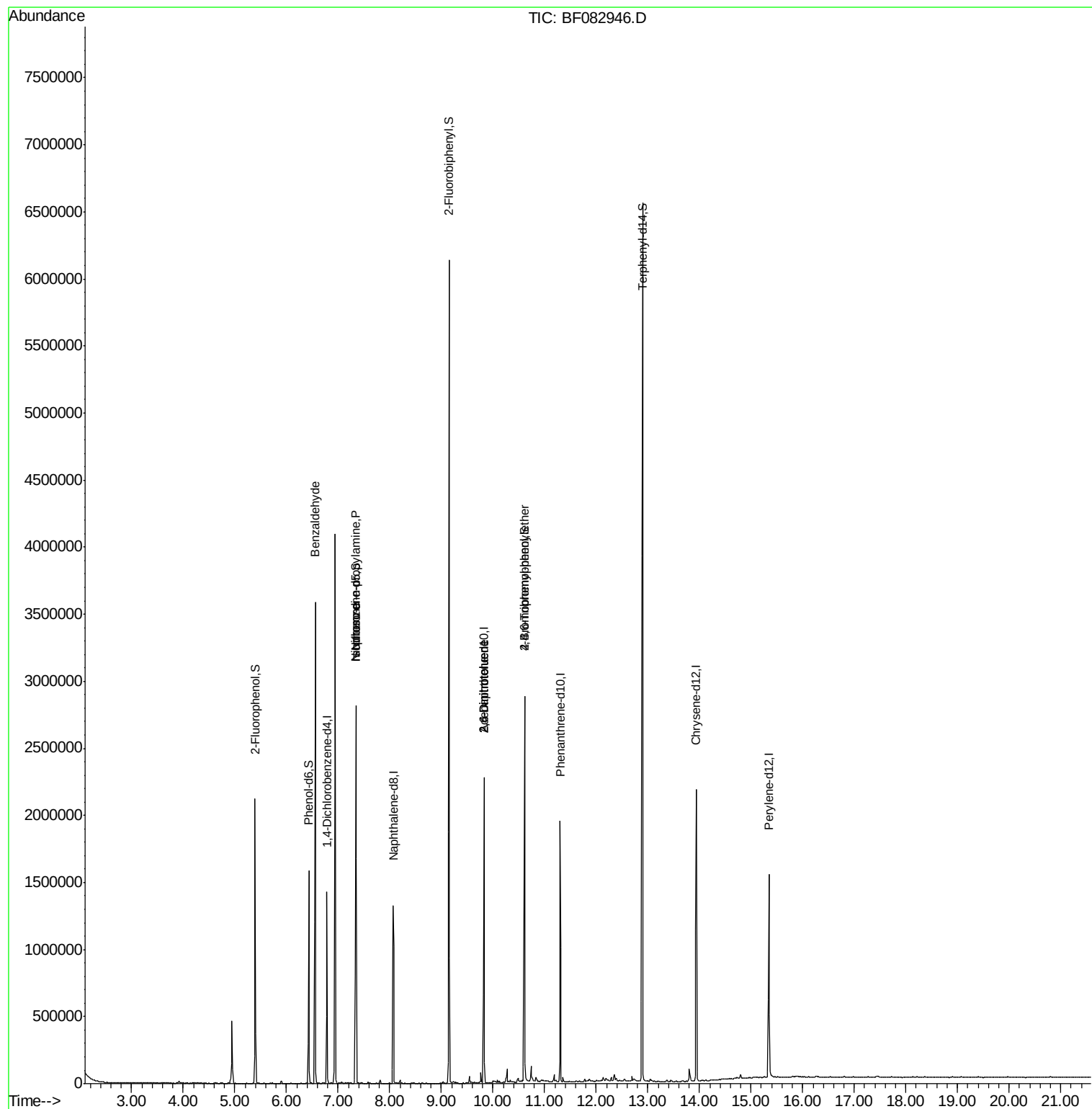
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	220399	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	815073	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	455952	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	862130	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	874735	20.00	ng	-0.08
86) Perylene-d12	15.35	264	700667	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	510914	36.07	ng	-0.06
7) Phenol-d6	6.43	99	488794	25.96	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1304018	69.61	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	345944	66.17	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2010554	63.20	ng	-0.07
78) Terphenyl-d14	12.90	244	2443343	66.25	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	25028	2.41	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.34	70	174365	12.60	ng	# 70
25) Isophorone	7.34	82	1298820	37.47	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	59817	7.50	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	59819	5.53	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	23481	2.26	ng	# 1

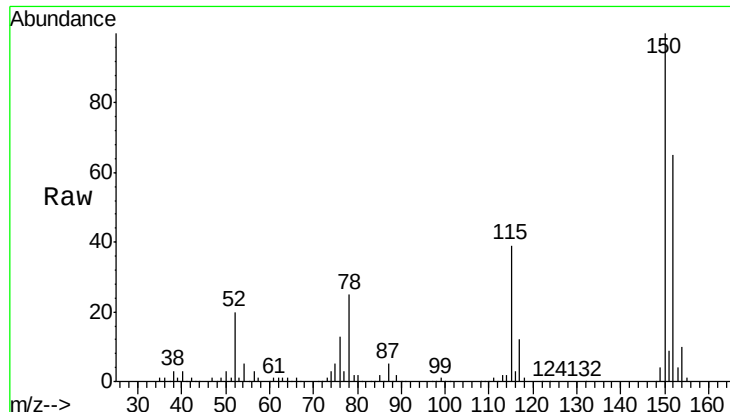
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
Data File : BF082946.D
Acq On : 16 Nov 2015 19:00
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BNA_F
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111315-A263-F-U-S

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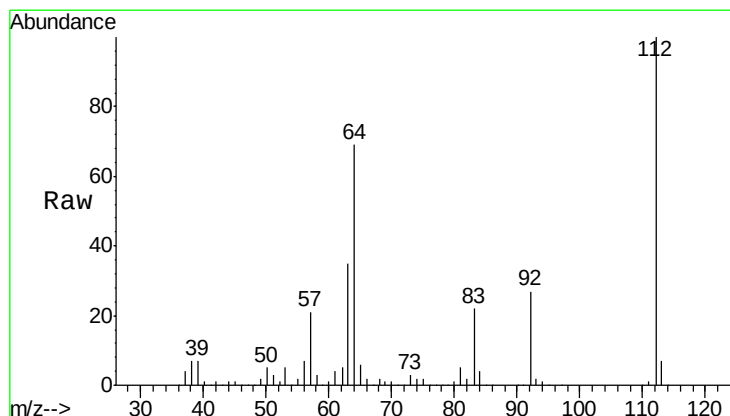
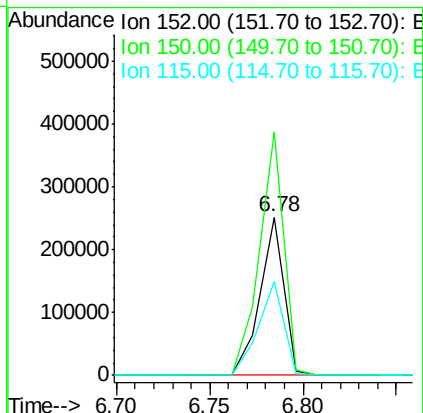
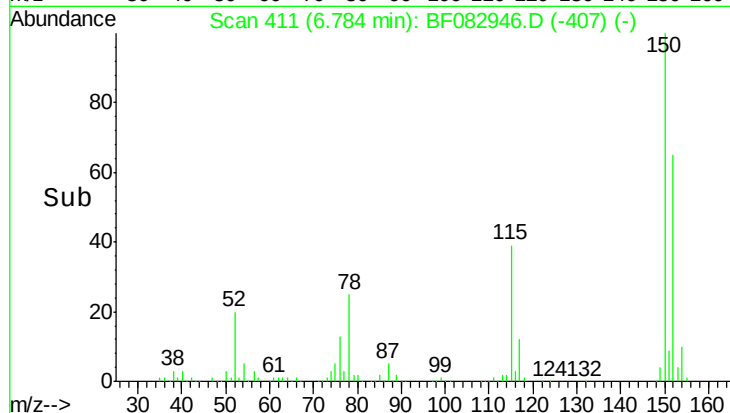




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

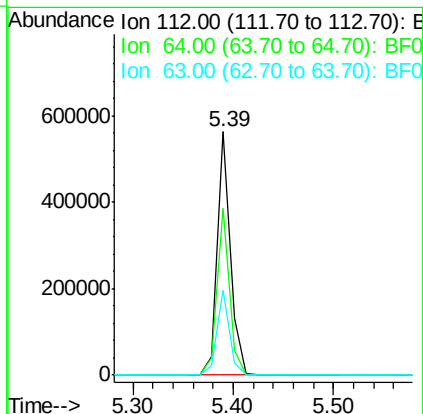
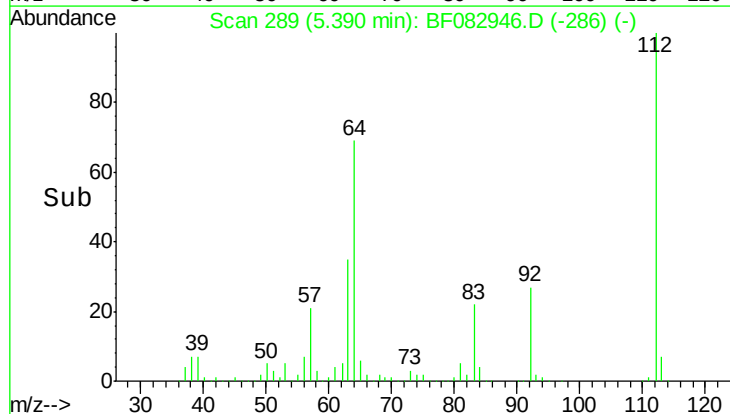
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-S

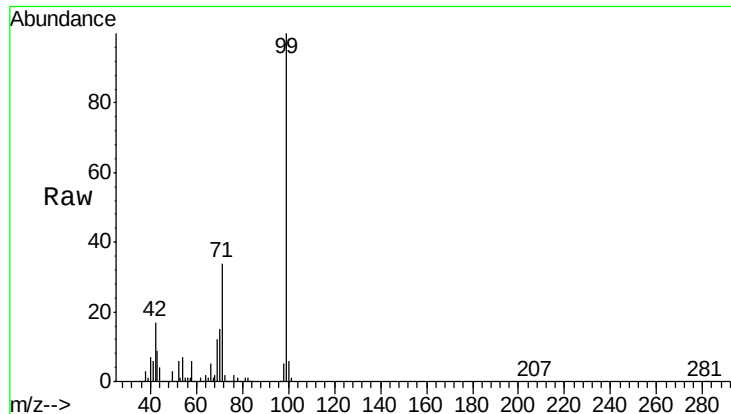
Tgt Ion:152 Resp: 220399
 Ion Ratio Lower Upper
 152 100
 150 154.0 127.0 190.4
 115 59.5 47.0 70.6



#5
 2-Fluorophenol
 Concen: 36.07 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

Tgt Ion:112 Resp: 510914
 Ion Ratio Lower Upper
 112 100
 64 68.7 48.9 73.3
 63 34.9 28.1 42.1





#7

Phenol-d6

Concen: 25.96 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082946.D

Acq: 16 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

111315-A263-F-U-S

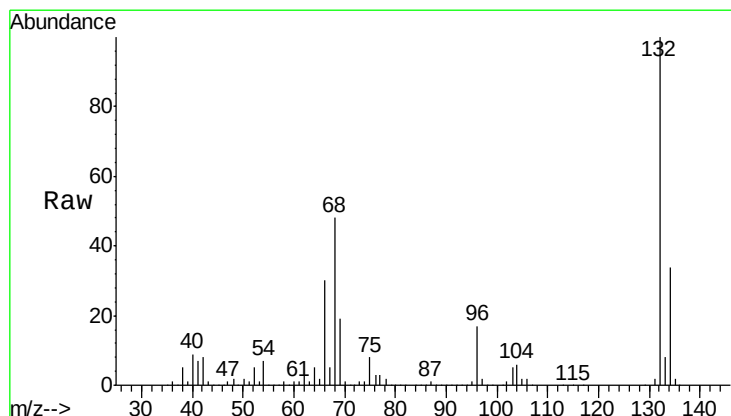
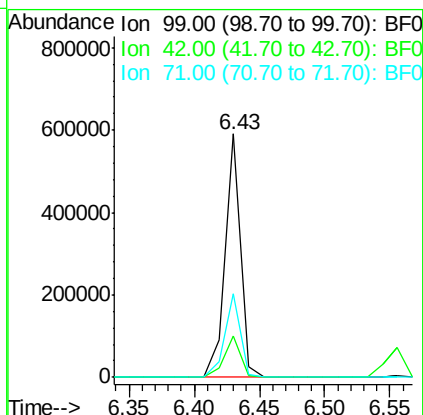
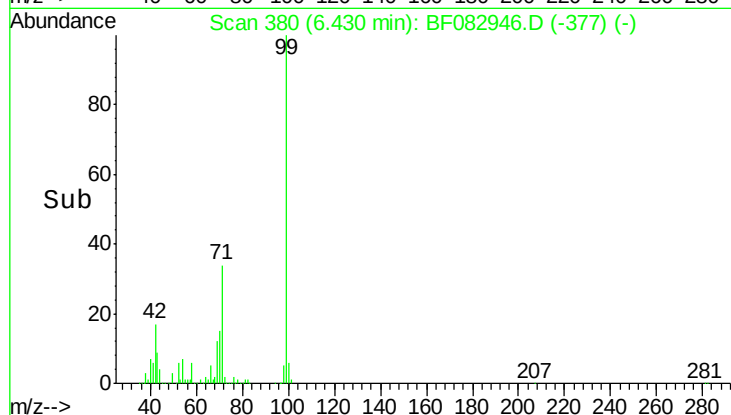
Tgt Ion: 99 Resp: 488794

Ion Ratio Lower Upper

99 100

42 17.0 19.2 28.8#

71 34.2 35.0 52.4#



#9

Benzaldehyde

Concen: 2.41 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082946.D

Acq: 16 Nov 2015 19:00

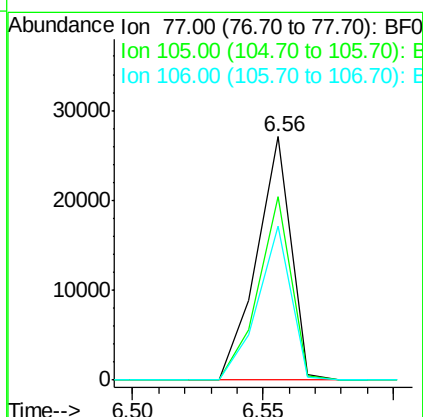
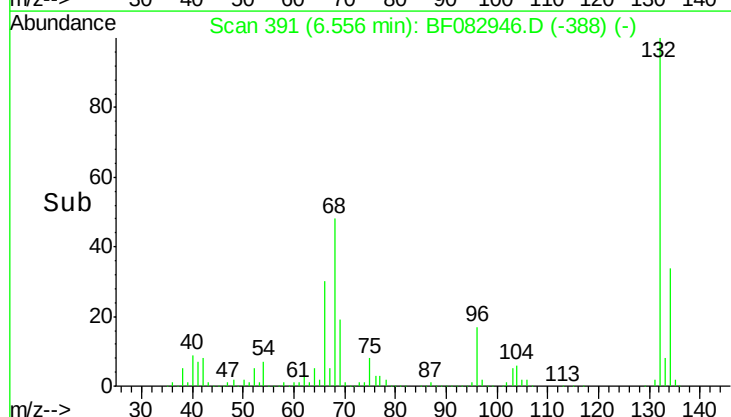
Tgt Ion: 77 Resp: 25028

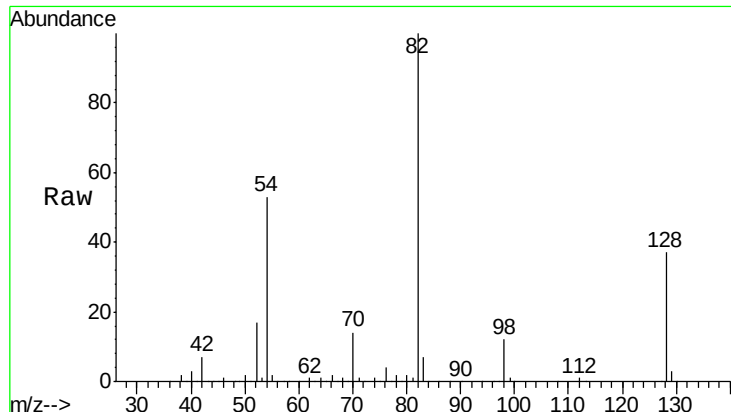
Ion Ratio Lower Upper

77 100

105 75.5 63.5 103.5

106 63.3 59.3 99.3

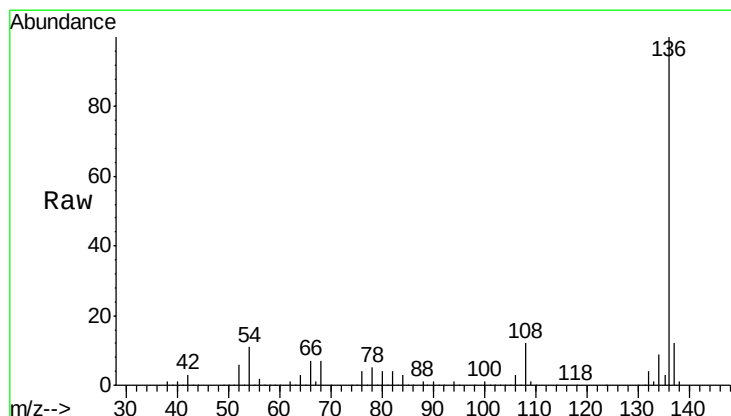
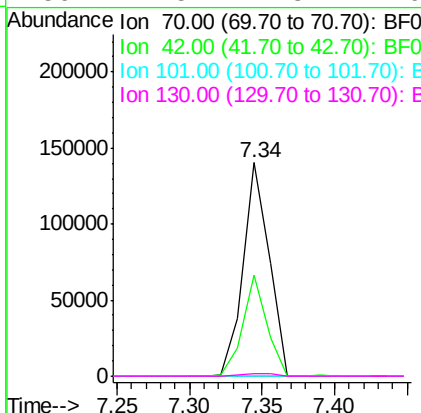
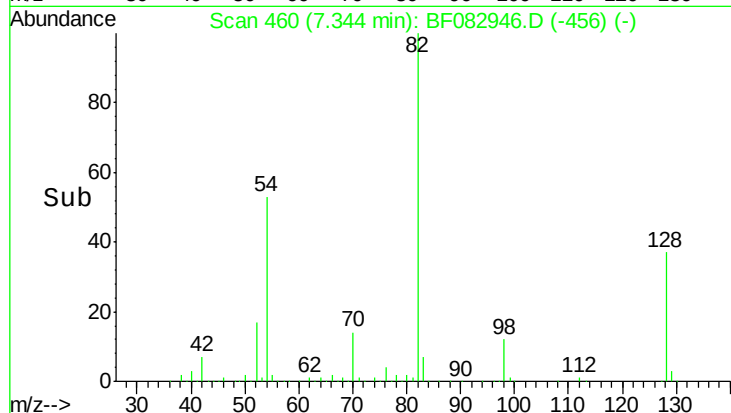




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.60 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

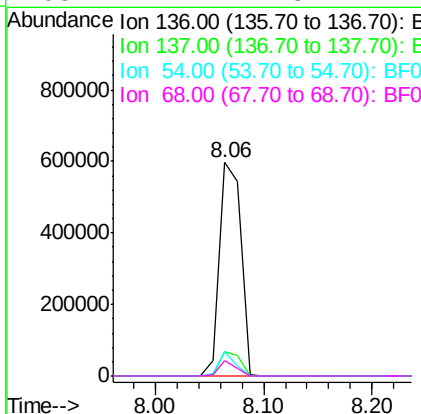
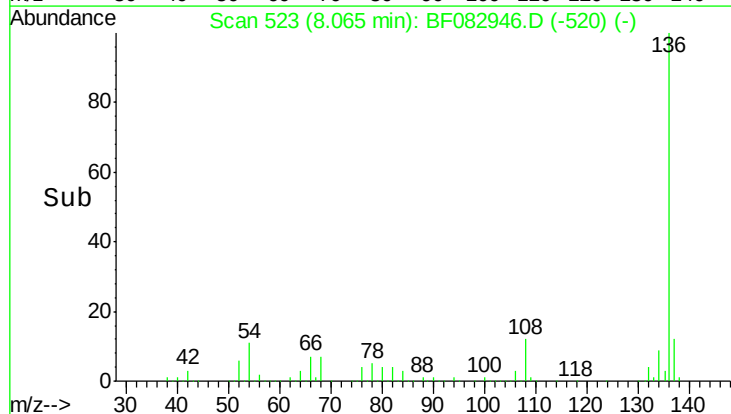
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-S

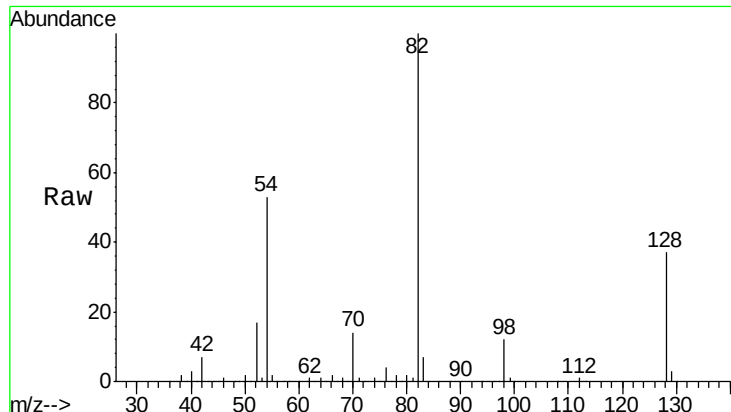
Tgt Ion:	70	Resp:	174365
Ion	Ratio	Lower	Upper
70	100		
42	47.3	57.7	86.5#
101	0.0	7.0	10.6#
130	1.5	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

Tgt Ion:	136	Resp:	815073
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.5	9.1	13.7
68	7.4	4.8	7.2#

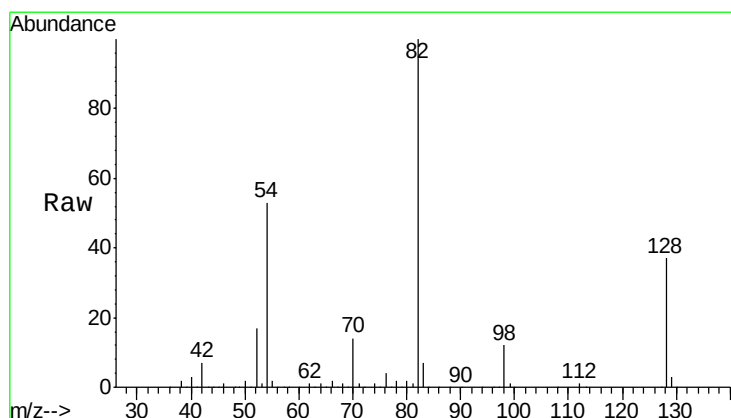
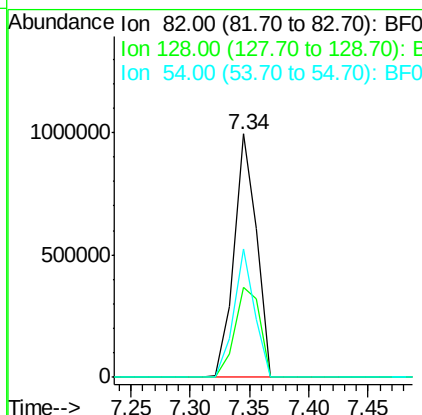
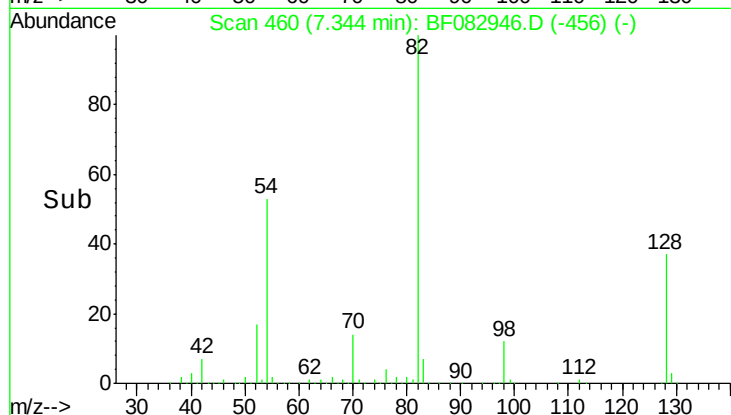




#23
 Nitrobenzene-d5
 Concen: 69.61 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

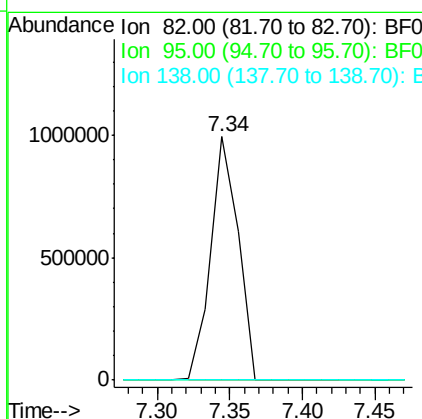
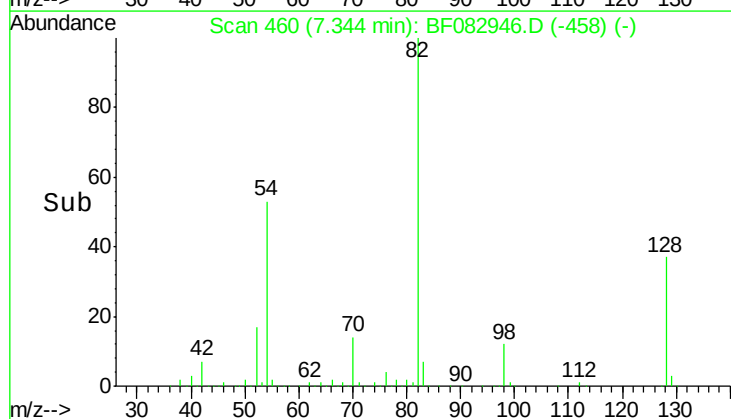
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 ClientSampleId :
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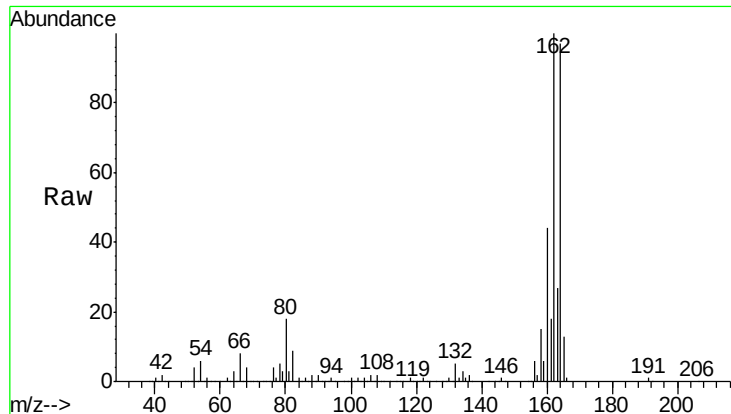
Tgt Ion: 82 Resp: 1304018
 Ion Ratio Lower Upper
 82 100
 128 36.9 26.8 40.2
 54 52.9 45.7 68.5



#25
 Isophorone
 Concen: 37.47 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

Tgt Ion: 82 Resp: 1298820
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

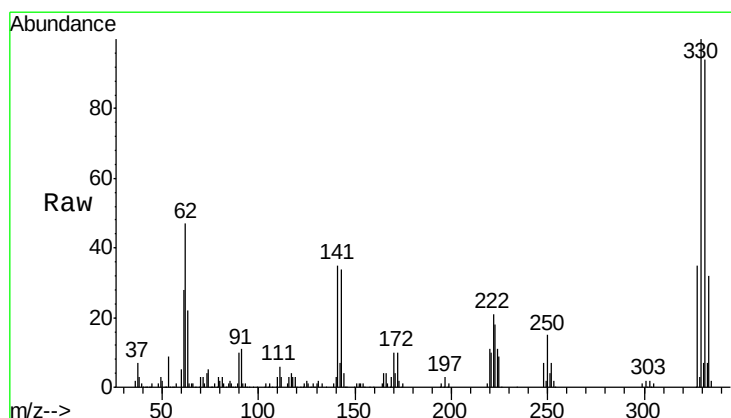
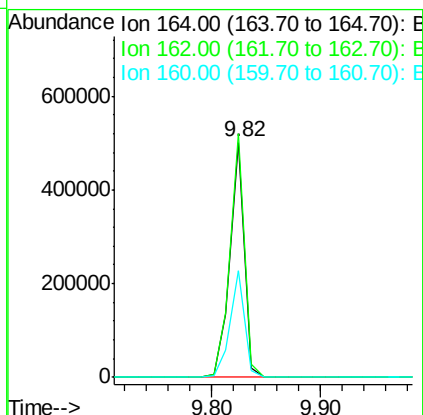
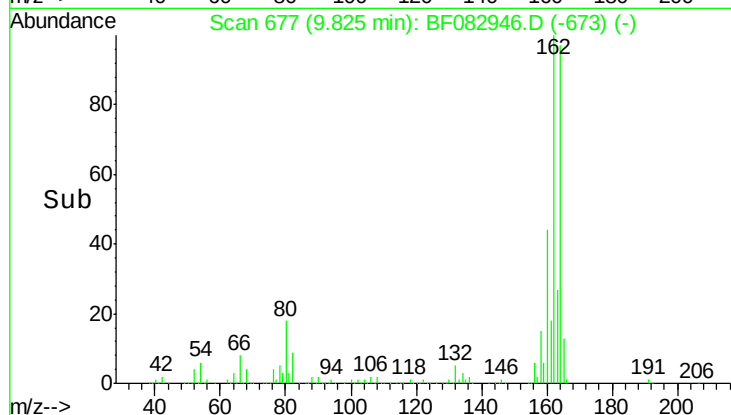




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

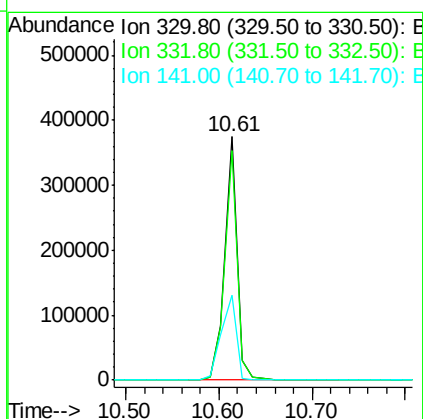
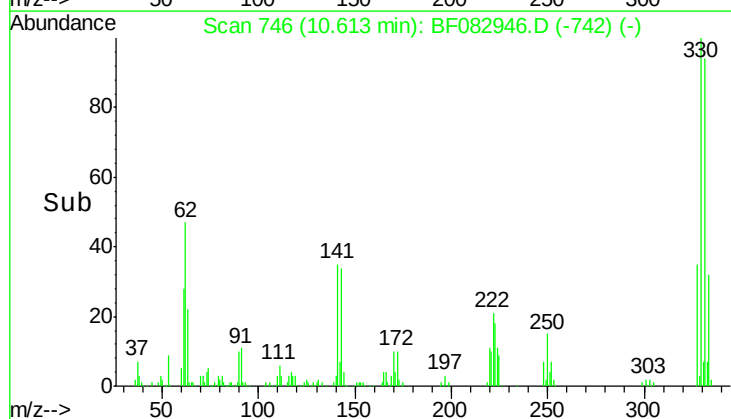
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-S

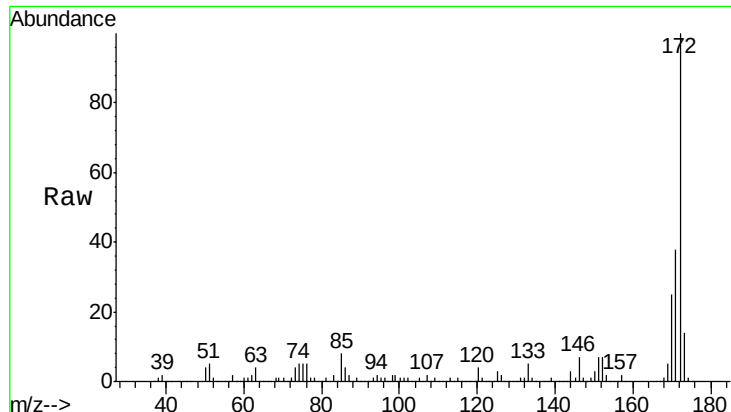
Tgt Ion:164 Resp: 455952
 Ion Ratio Lower Upper
 164 100
 162 103.5 84.9 127.3
 160 45.2 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 66.17 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

Tgt Ion:330 Resp: 345944
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 41.8 41.2 61.8



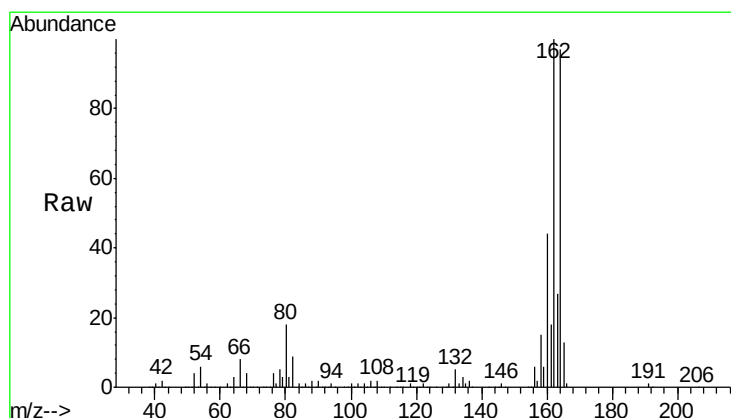
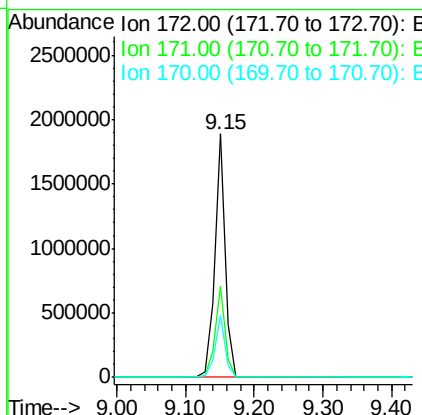
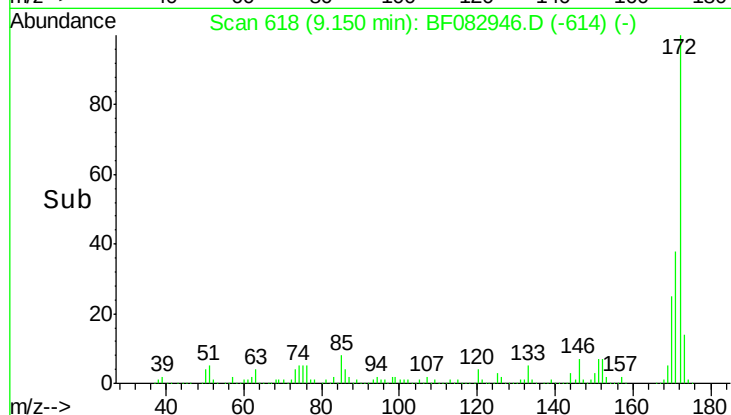


#44
 2-Fluorobiphenyl
 Concen: 63.20 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-S

Tgt Ion:172 Resp: 2010554

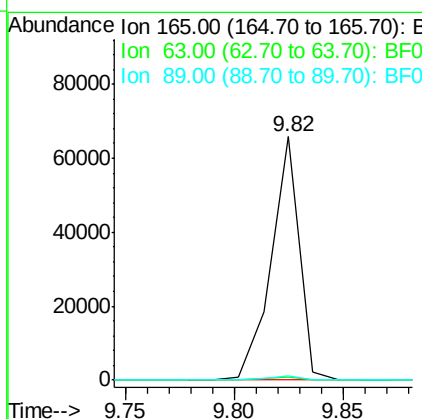
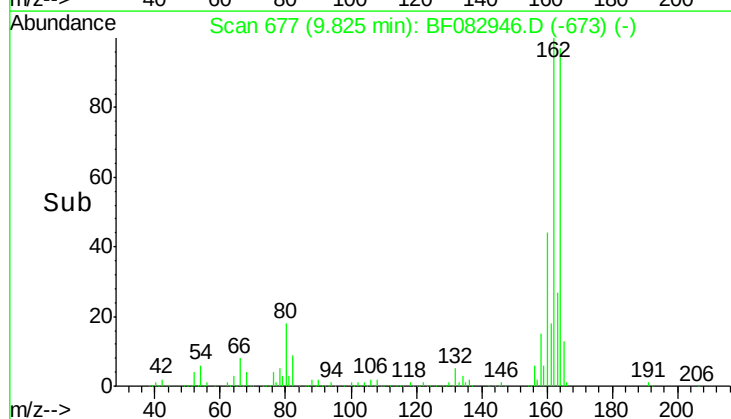
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.5	21.2	31.8

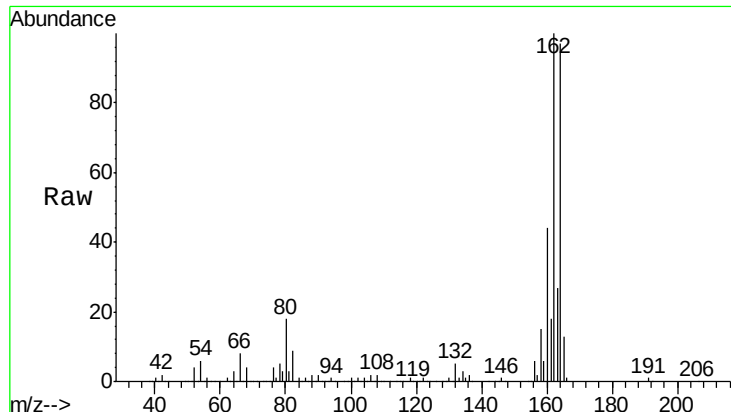


#50
 2,6-Dinitrotoluene
 Concen: 7.50 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

Tgt Ion:165 Resp: 59817

Ion	Ratio	Lower	Upper
165	100		
63	1.3	55.5	83.3#
89	1.6	55.0	82.6#

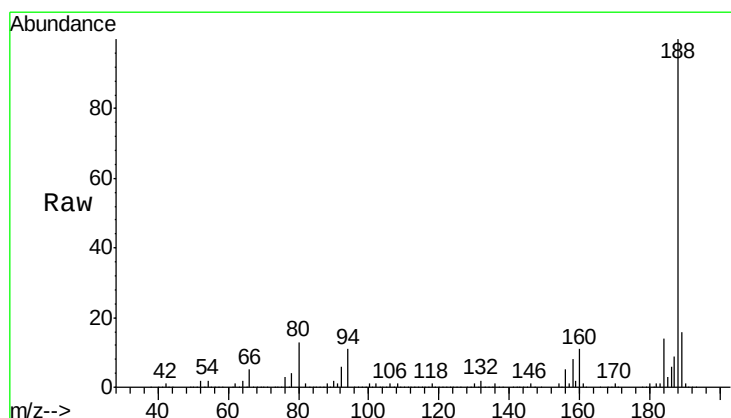
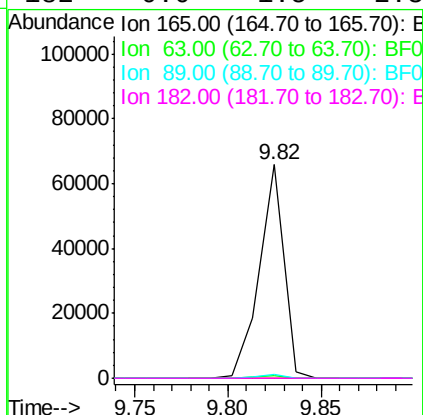
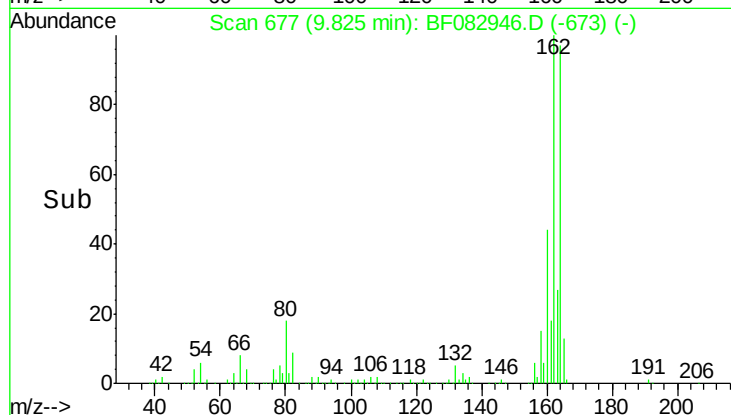




#56
 2,4-Dinitrotoluene
 Concen: 5.53 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

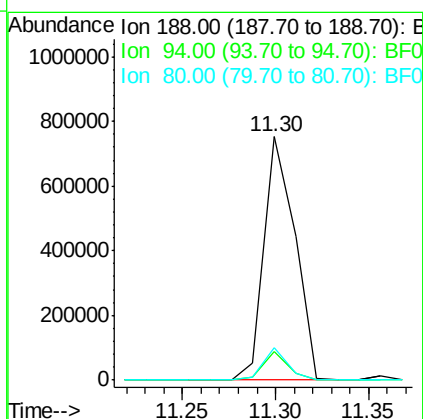
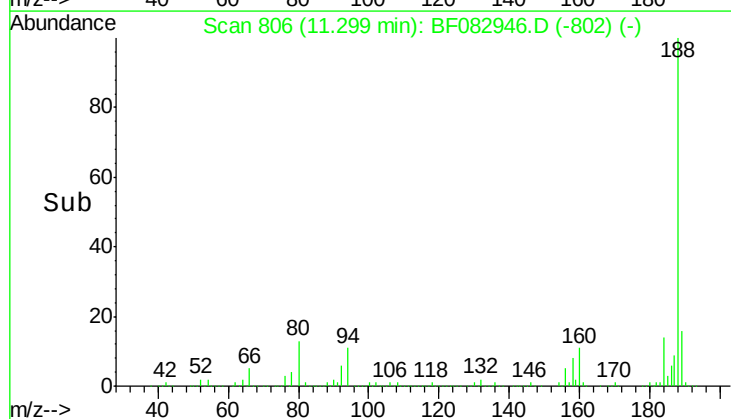
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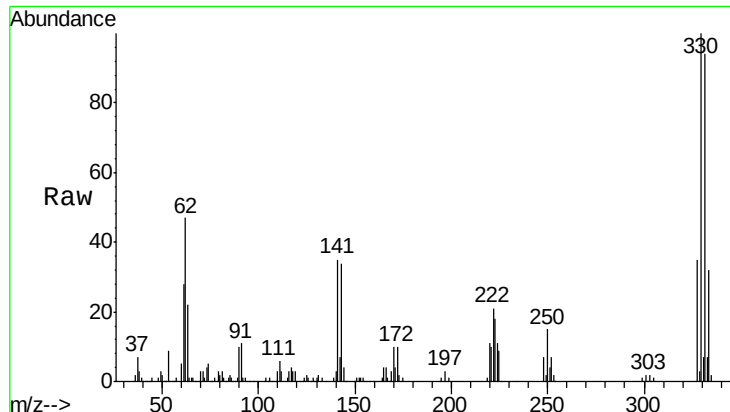
Tgt Ion:	165	Resp:	59819
Ion Ratio	Lower	Upper	
165	100		
63	1.3	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

Tgt Ion:	188	Resp:	862130
Ion Ratio	Lower	Upper	
188	100		
94	11.5	6.1	9.1#
80	13.4	7.0	10.6#

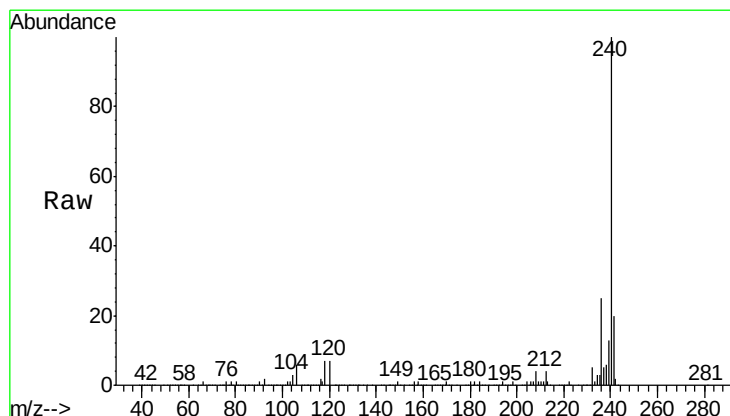
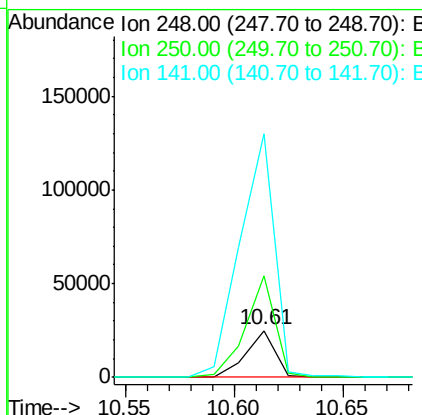
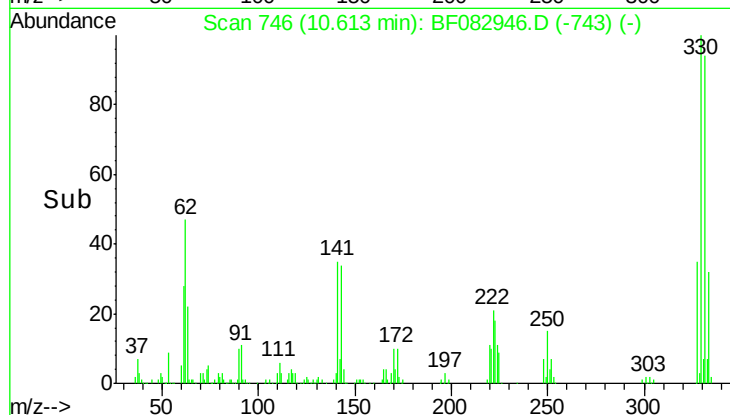




#66
 4-Bromophenyl-phenylether
 Concen: 2.26 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

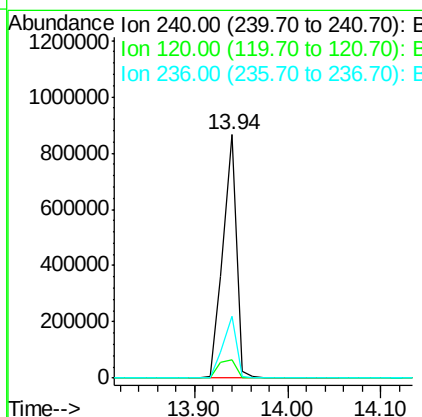
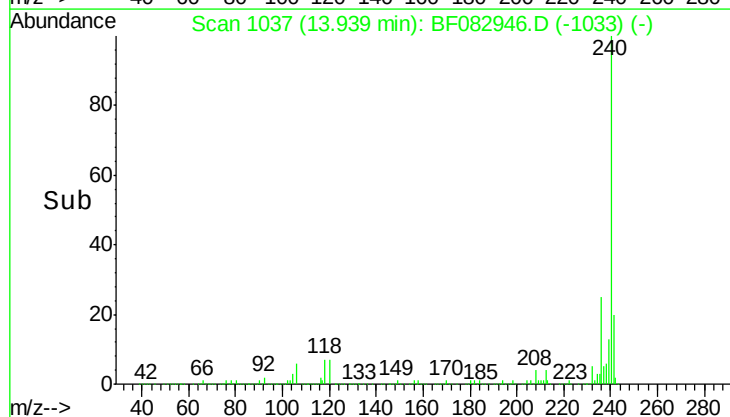
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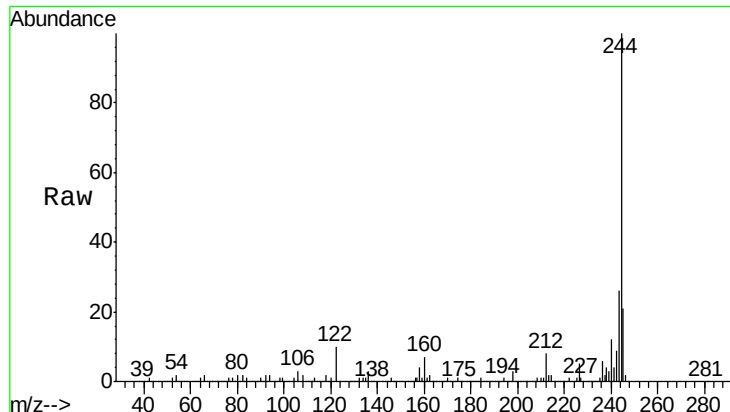
Tgt Ion	Ratio	Lower	Upper
248	100		
250	216.3	79.4	119.2#
141	516.8	36.3	54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	10.9	16.3#
236	25.3	21.6	32.4

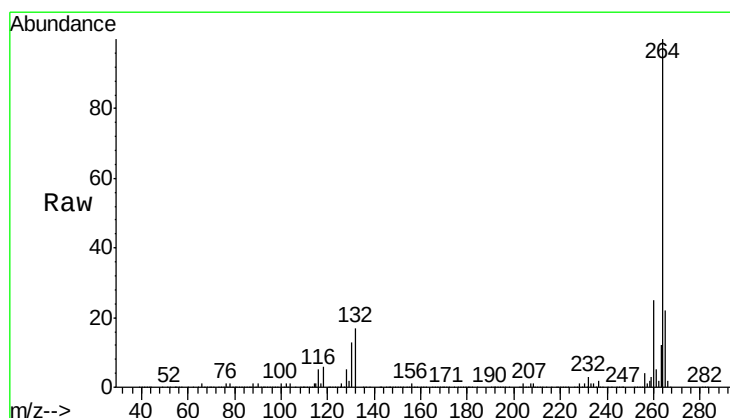
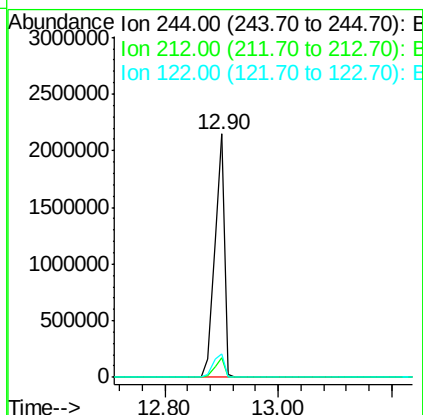
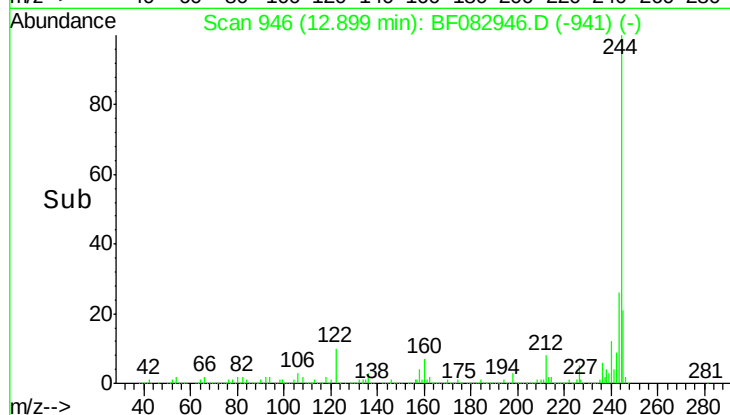




#78
 Terphenyl-d14
 Concen: 66.25 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082946.D
 Acq: 16 Nov 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-S

Tgt Ion:244 Resp: 2443343
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 9.7 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: BF082946.D
 Acq: 16 Nov 2015 19:00

Tgt Ion:264 Resp: 700667
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 21.5 17.4 26.0

