

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
 Data File : BF082917.D
 Acq On : 14 Nov 2015 1:50
 Operator : UM/IZ
 Sample : G4382-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 14 04:22:17 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

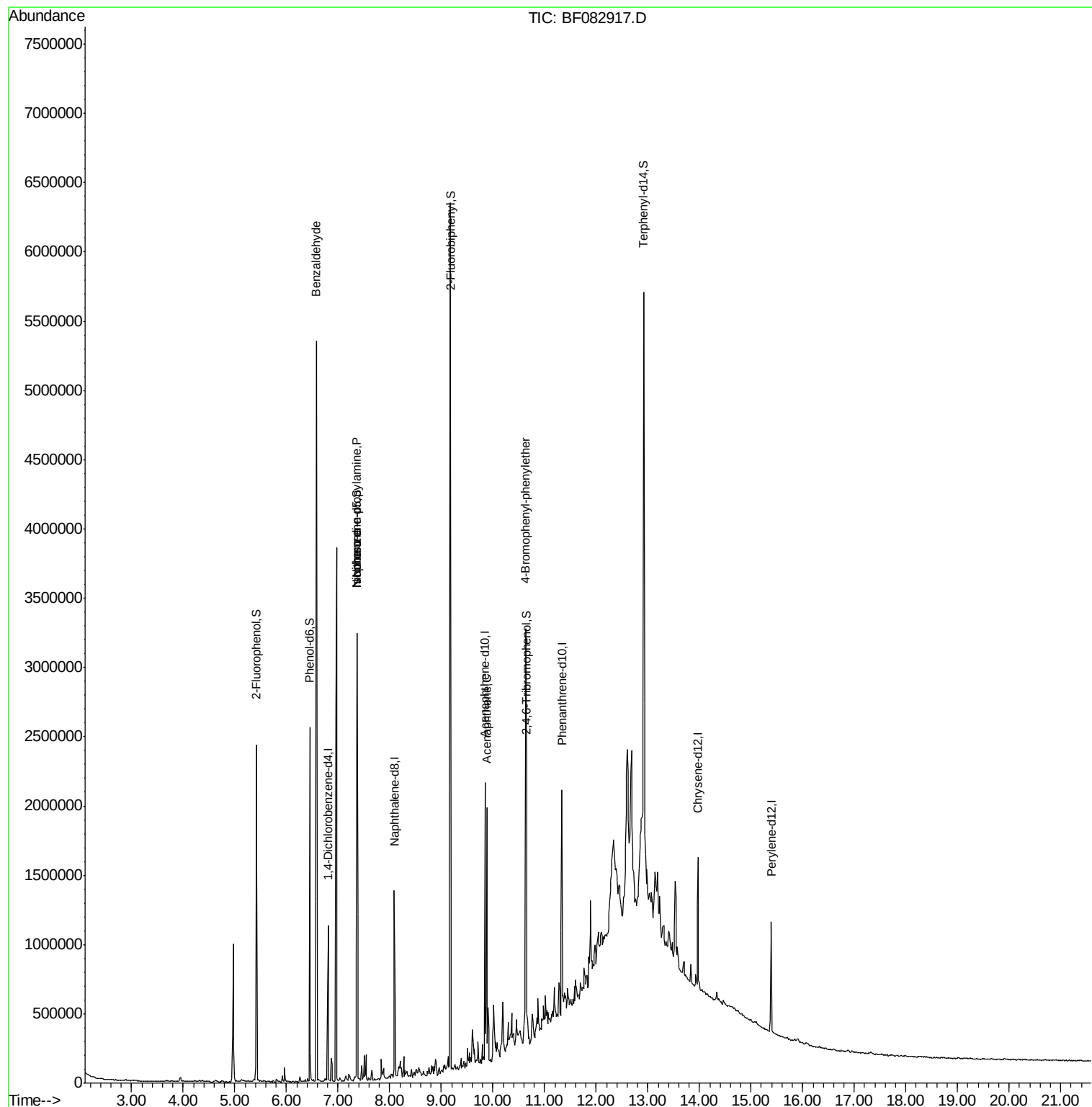
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	206695	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	717502	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	369864	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	613939	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	423238	20.00	ng	-0.05
86) Perylene-d12	15.39	264	429363	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	833807	62.77	ng	-0.03
7) Phenol-d6	6.45	99	765899	43.37	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1286324	78.01	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	477489	112.59	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1921216	74.45	ng	-0.05
78) Terphenyl-d14	12.92	244	1265235	70.90	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	35751	3.66	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.37	70	170616	13.14	ng	# 72
25) Isophorone	7.37	82	1276430	41.84	ng	# 70
51) Acenaphthene	9.88	154	393963	16.02	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	31082	4.20	ng	# 1

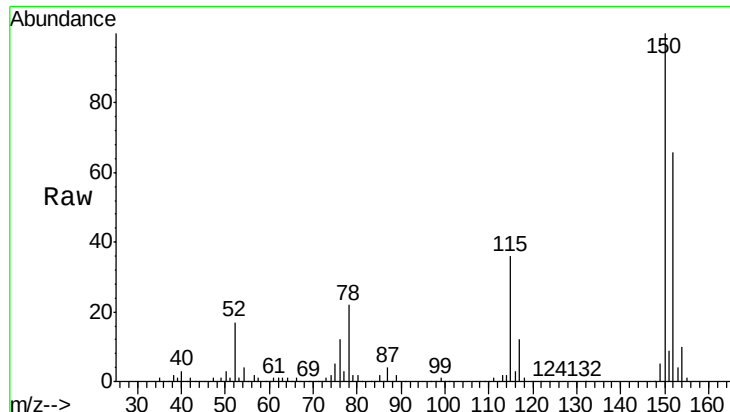
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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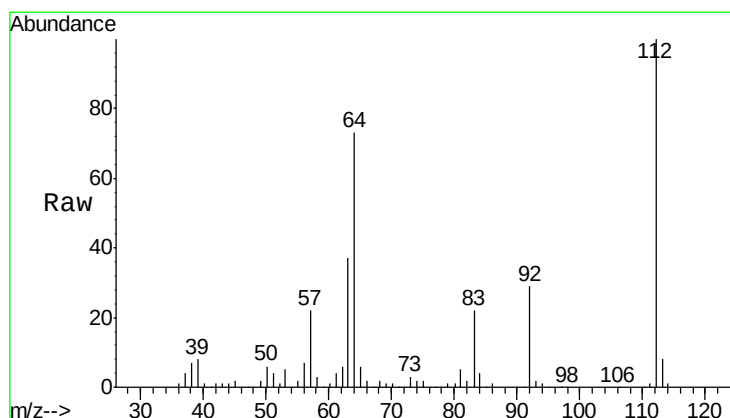
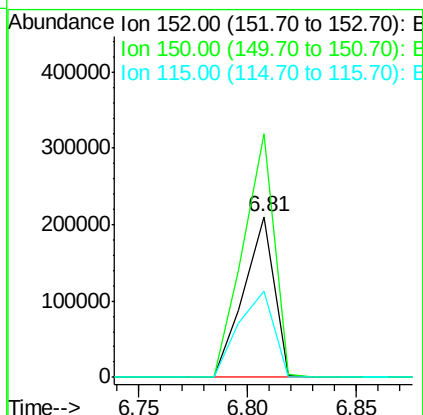
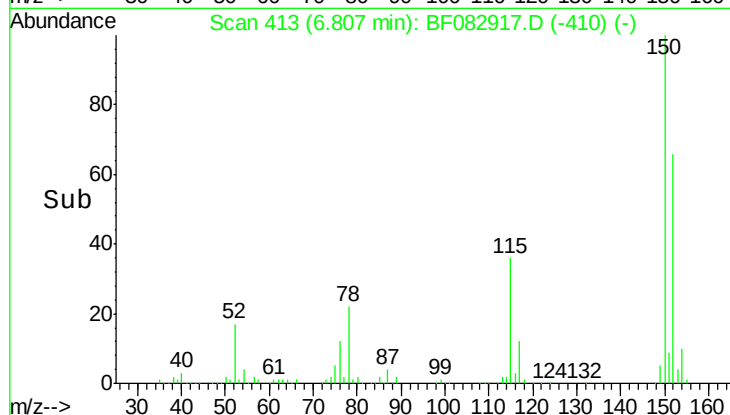




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

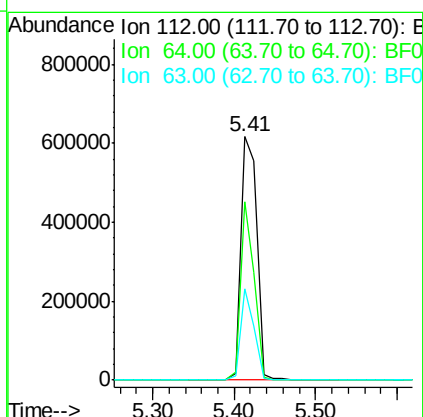
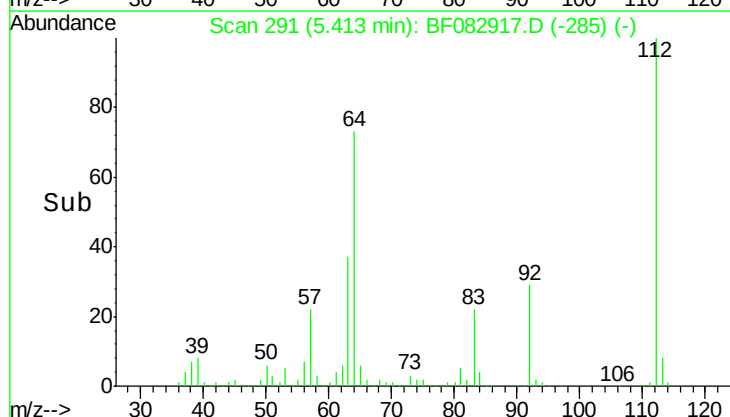
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

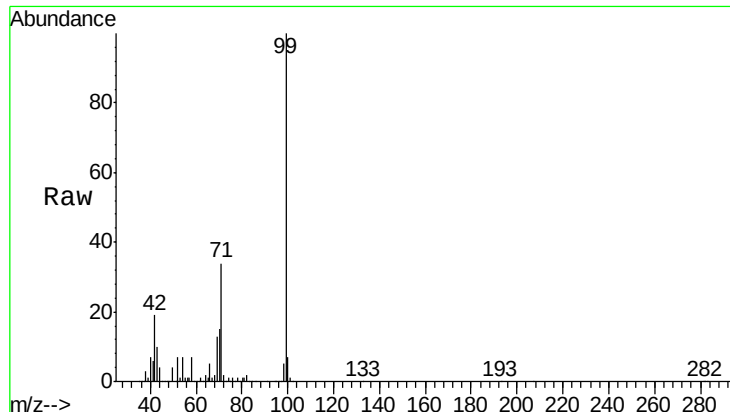
Tot Ion:152 Resp: 206695
 Ion Ratio Lower Upper
 152 100
 150 151.5 127.0 190.4
 115 53.8 47.0 70.6



#5
 2-Fluorophenol
 Concen: 62.77 ng
 RT: 5.41 min Scan# 291
 Delta R.T. -0.03 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Tgt Ion:112 Resp: 833807
 Ion Ratio Lower Upper
 112 100
 64 73.5 48.9 73.3#
 63 37.3 28.1 42.1





#7

Phenol-d6

Concen: 43.37 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

Instrument :

BNA_F

ClientSampleId :

MW-1

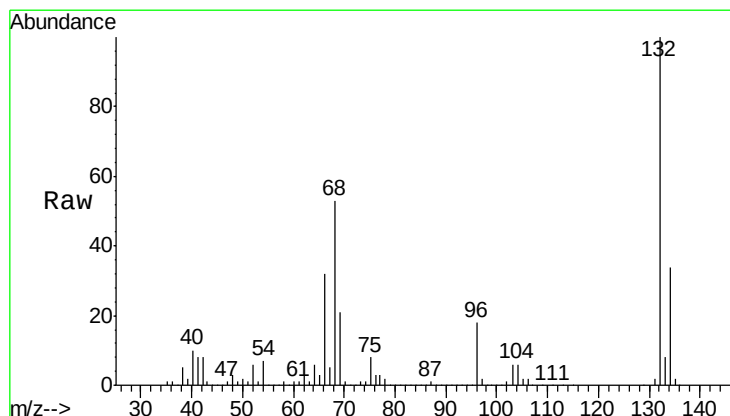
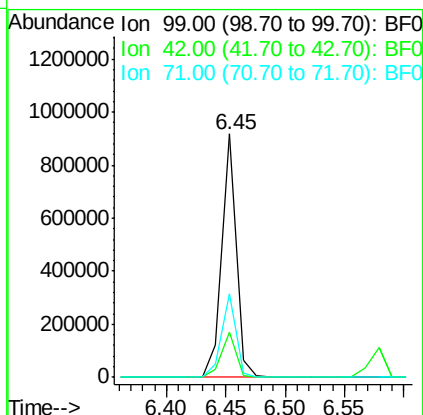
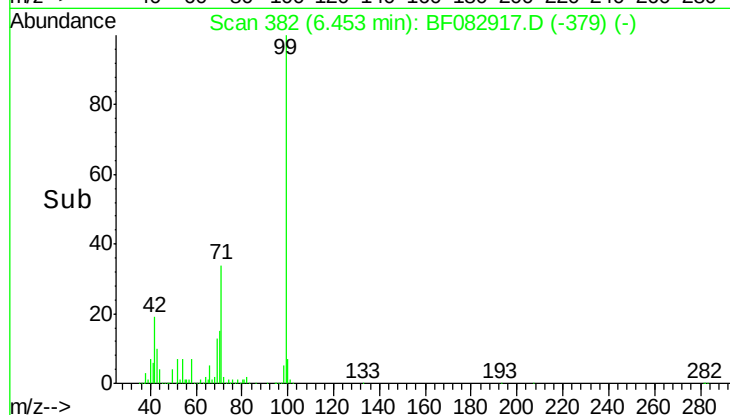
Tot Ion: 99 Resp: 765899

Ion Ratio Lower Upper

99 100

42 18.8 19.2 28.8#

71 34.3 35.0 52.4#



#9

Benzaldehyde

Concen: 3.66 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

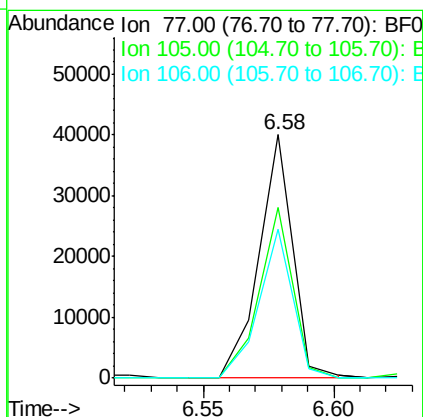
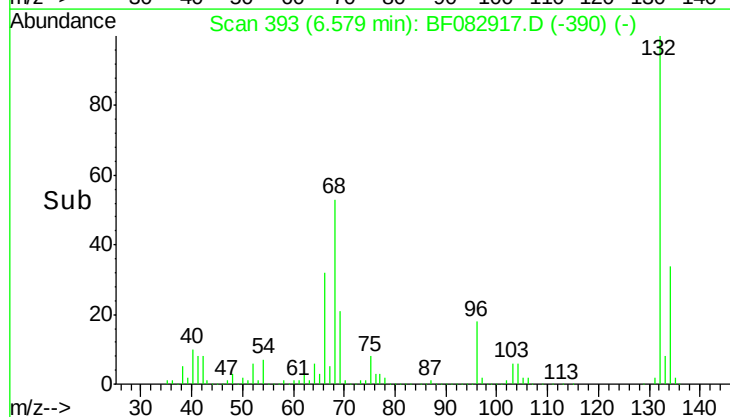
Tgt Ion: 77 Resp: 35751

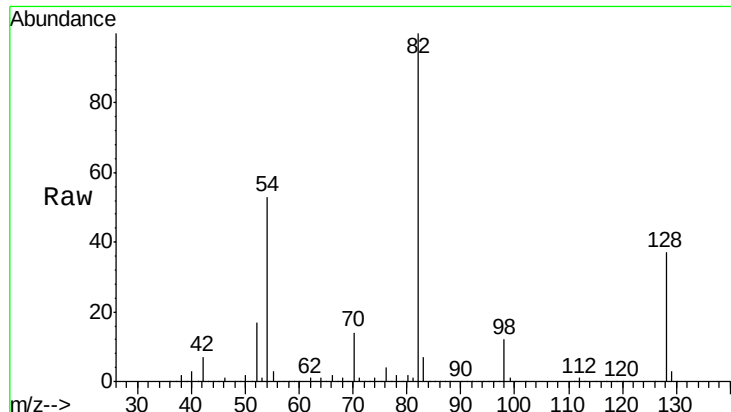
Ion Ratio Lower Upper

77 100

105 70.3 63.5 103.5

106 61.3 59.3 99.3



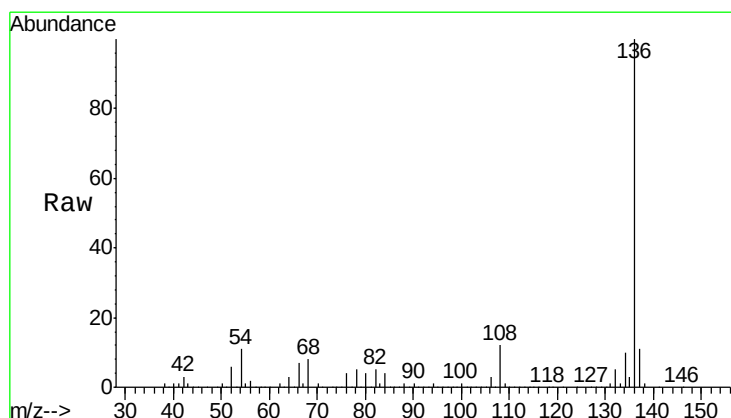
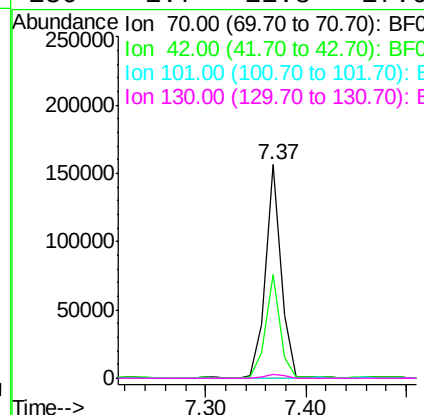
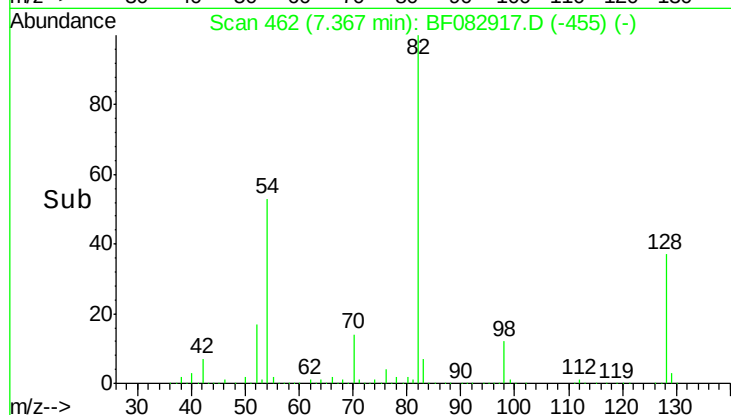


#19
 n-Nitroso-di-n-propylamine
 Concen: 13.14 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.10 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion: 70 Resp: 170616

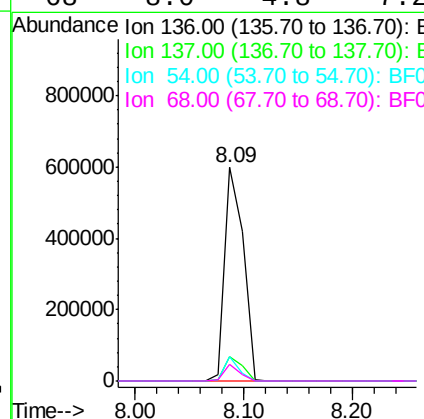
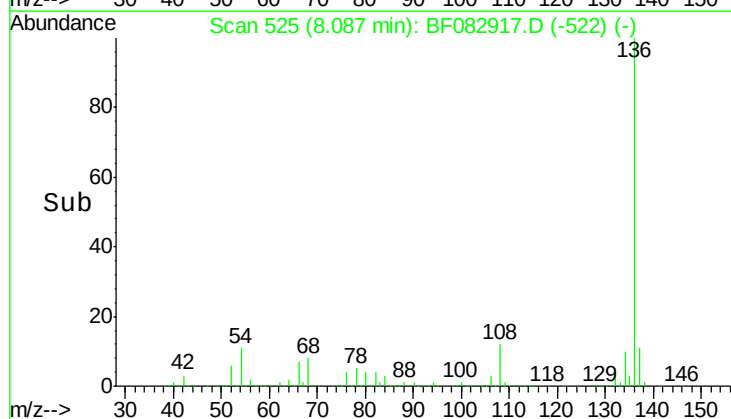
Ion	Ratio	Lower	Upper
70	100		
42	48.4	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#

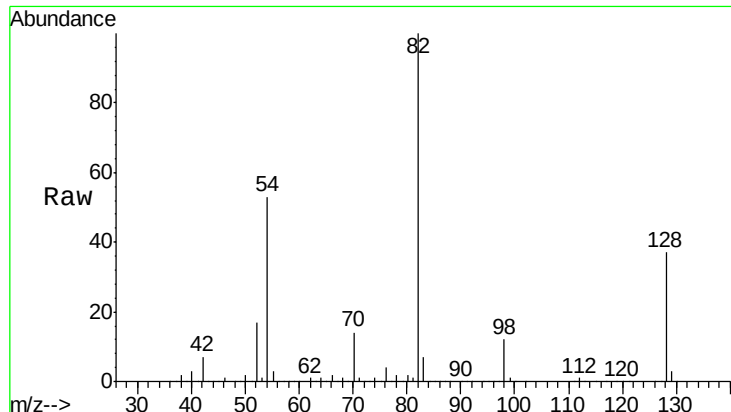


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.06 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Tgt Ion: 136 Resp: 717502

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.4	9.1	13.7
68	8.0	4.8	7.2#



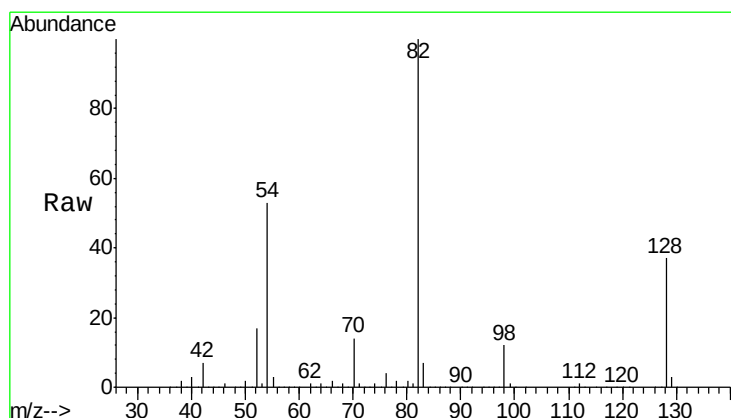
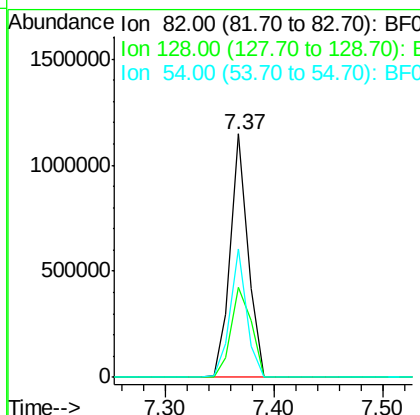
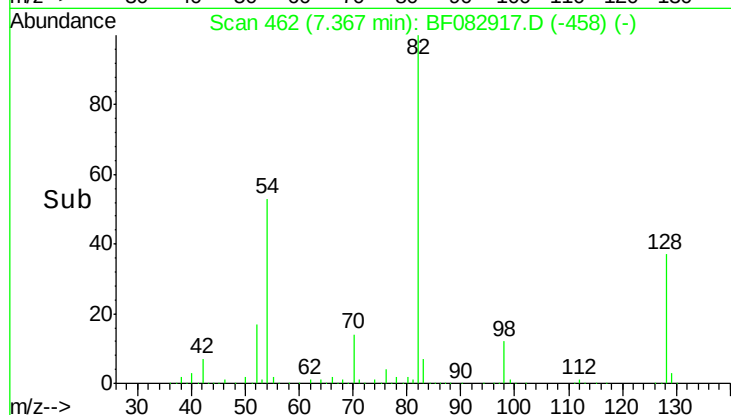


#23
 Nitrobenzene-d5
 Concen: 78.01 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion: 82 Resp: 1286324

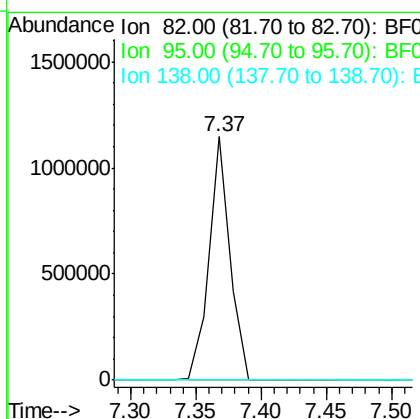
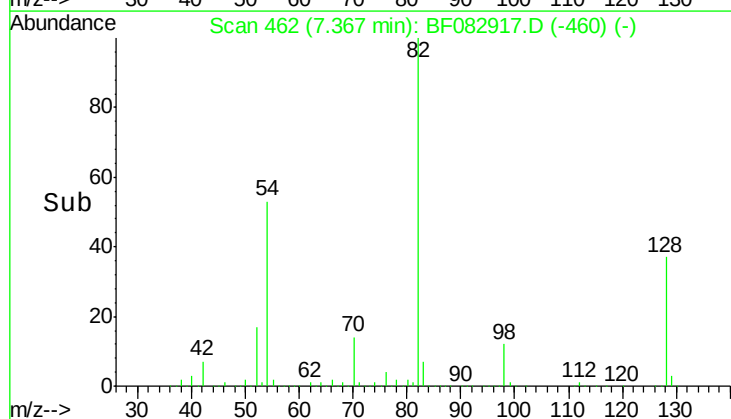
Ion	Ratio	Lower	Upper
82	100		
128	37.1	26.8	40.2
54	52.7	45.7	68.5

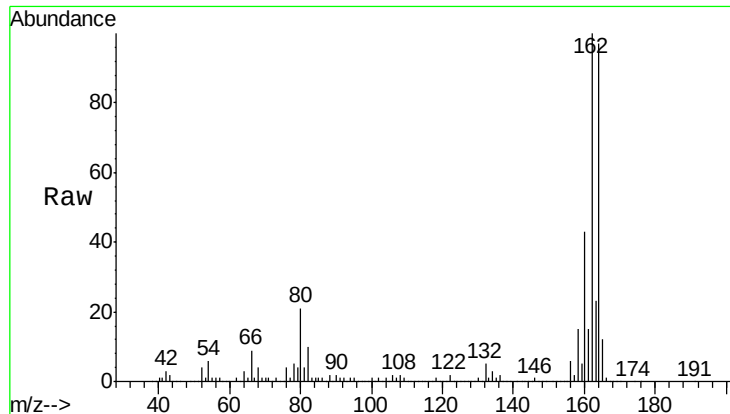


#25
 Isophorone
 Concen: 41.84 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Tgt Ion: 82 Resp: 1276430

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

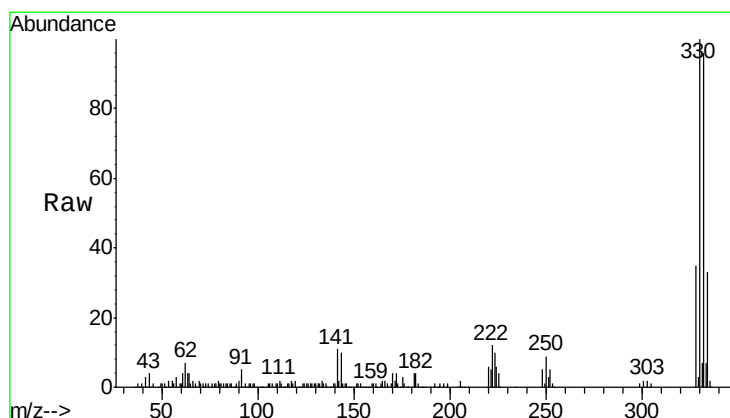
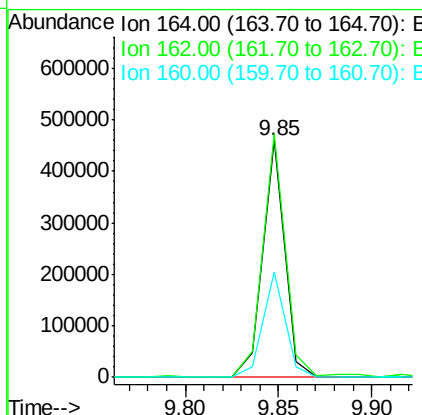
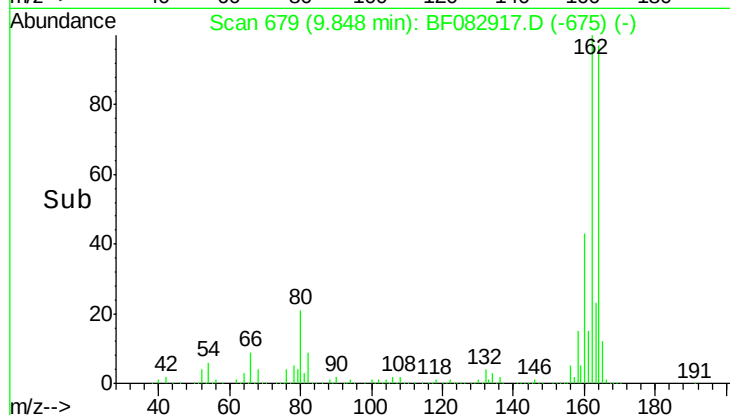




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

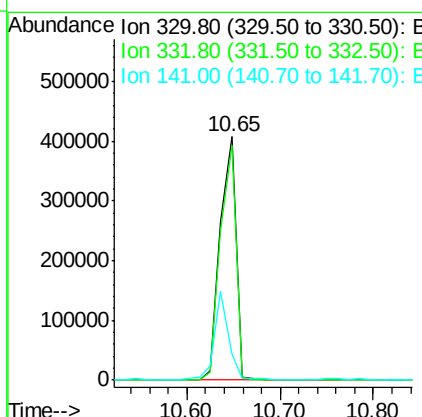
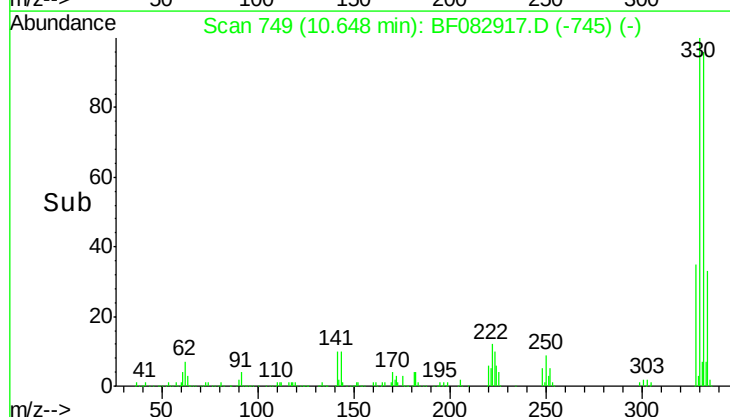
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

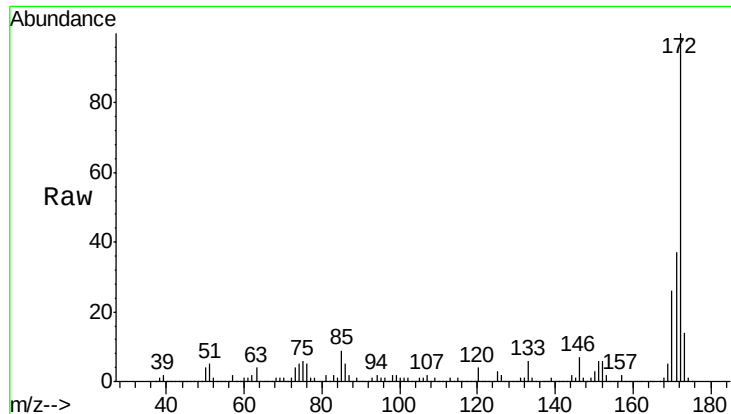
Tot Ion:164	Resp:	369864
Ion Ratio	Lower	Upper
164	100	
162	102.9	84.9 127.3
160	44.5	37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 112.59 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Tgt Ion:330	Resp:	477489
Ion Ratio	Lower	Upper
330	100	
332	95.5	76.6 114.8
141	32.0	41.2 61.8

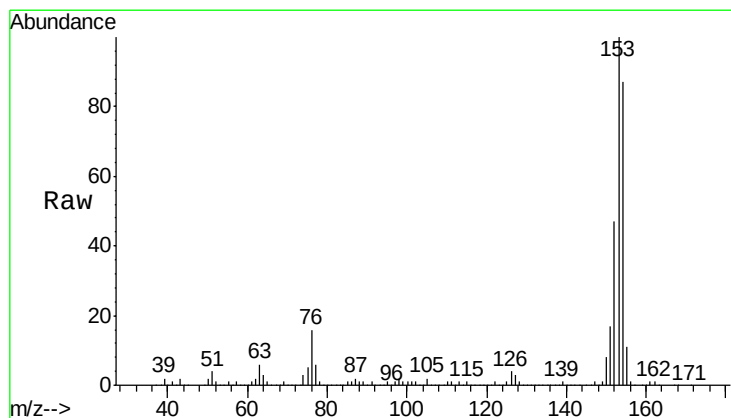
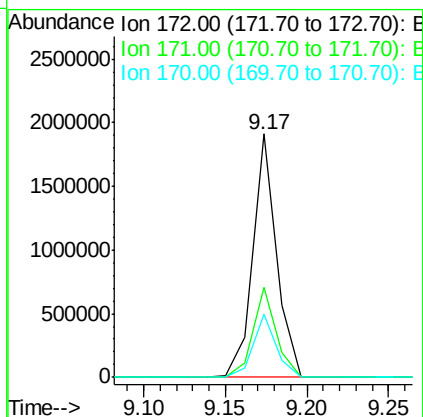
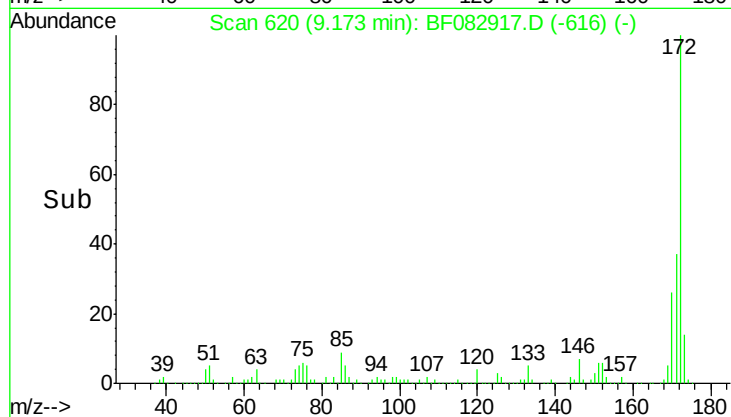




#44
 2-Fluorobiphenyl
 Concen: 74.45 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

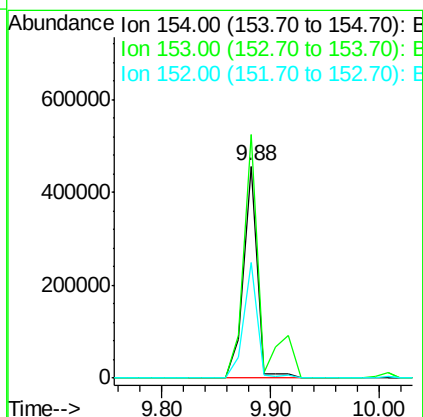
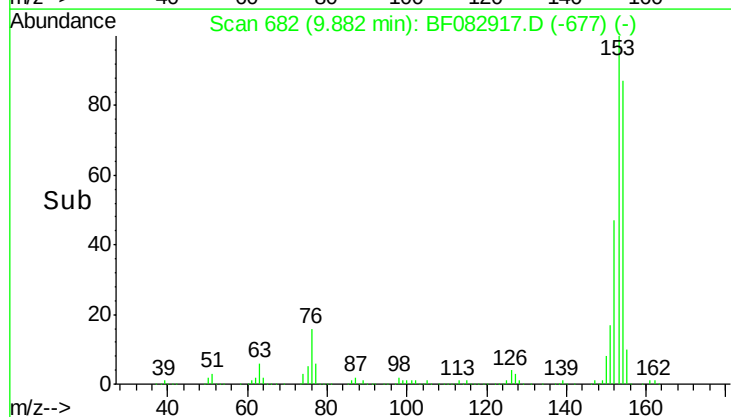
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.9	21.2	31.8

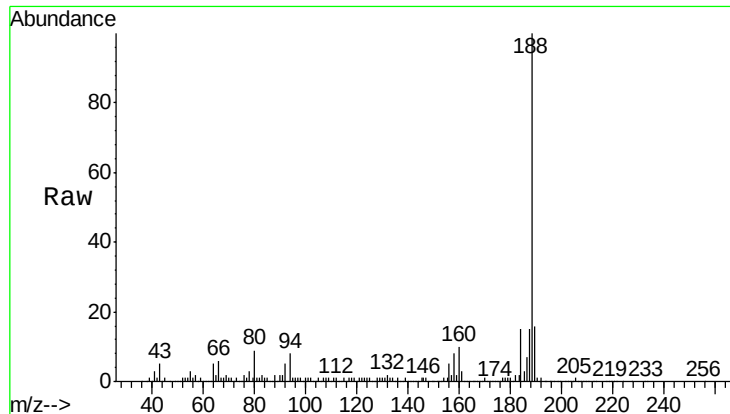
Instrument :
 BNA_F
 ClientSampleId :
 MW-1



#51
 Acenaphthene
 Concen: 16.02 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.1	135.1
152	54.5	44.3	66.5

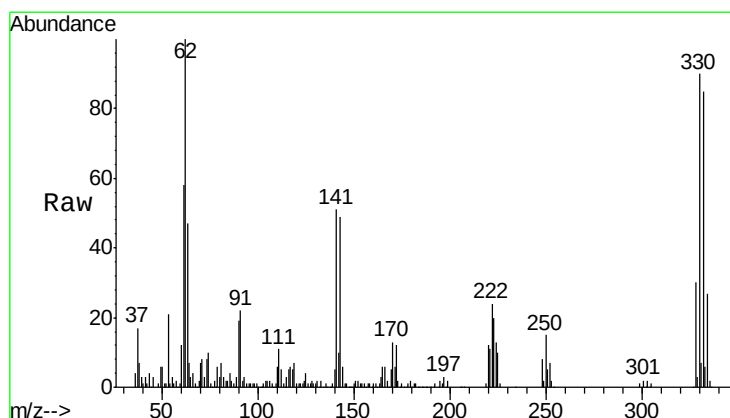
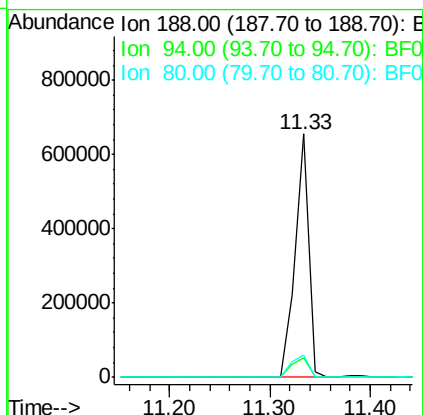
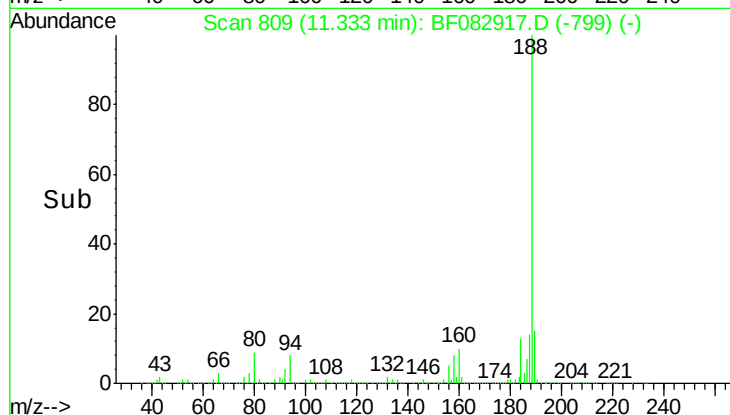




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

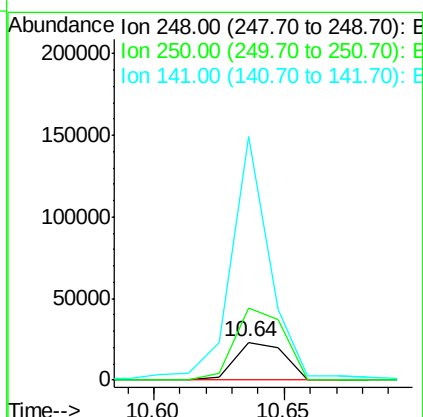
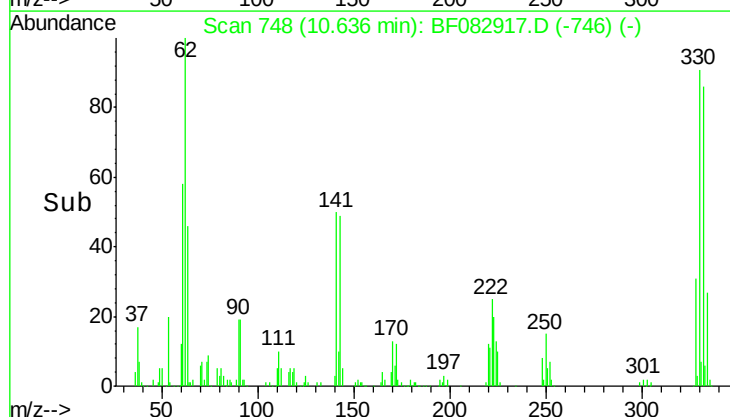
Instrument :
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 ClientSampleId :
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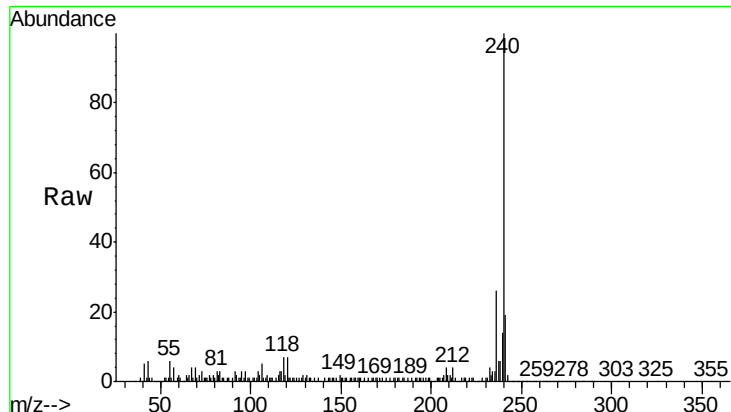
Tot Ion:188 Resp: 613939
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.1 9.1
 80 9.1 7.0 10.6



#66
 4-Bromophenyl-phenylether
 Concen: 4.20 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.29 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Tgt Ion:248 Resp: 31082
 Ion Ratio Lower Upper
 248 100
 250 190.1 79.4 119.2#
 141 639.7 36.3 54.5#

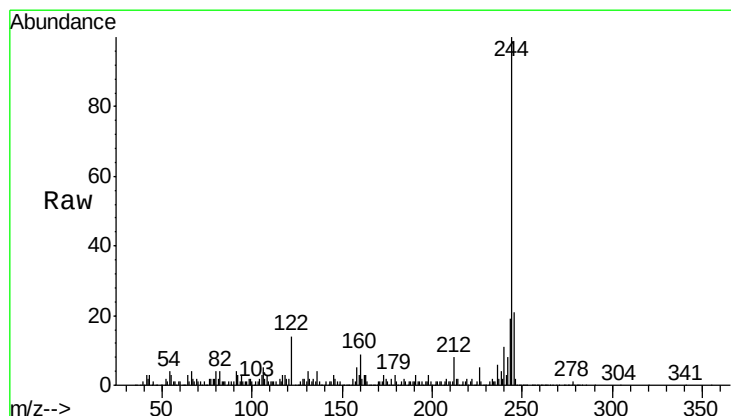
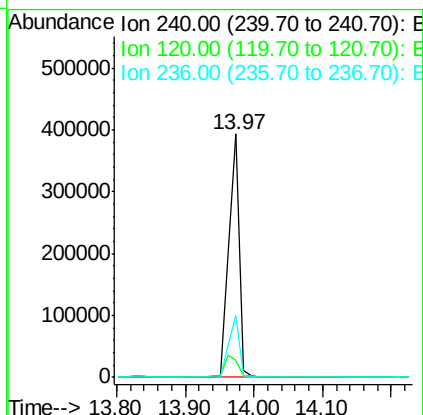
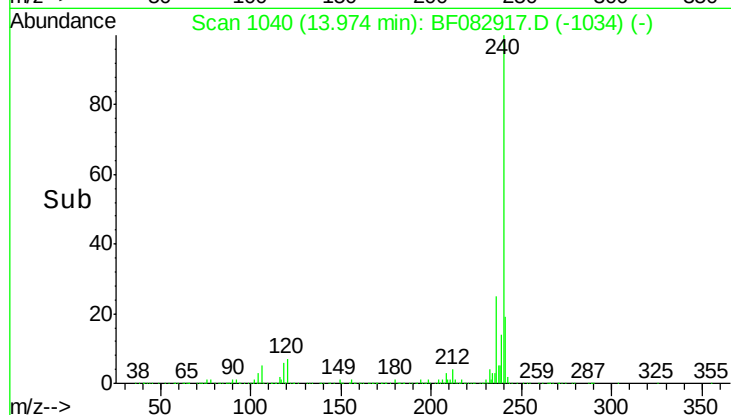




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

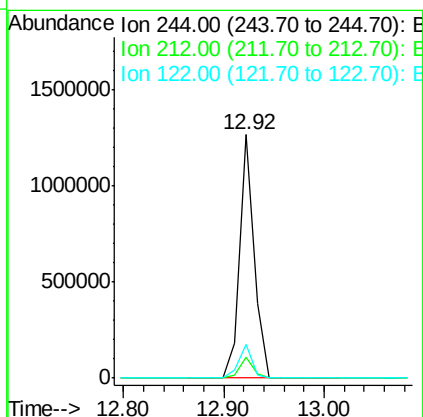
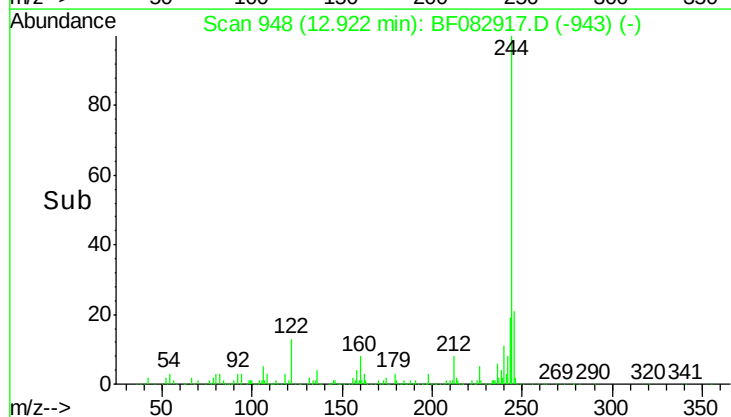
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 ClientSampleId :
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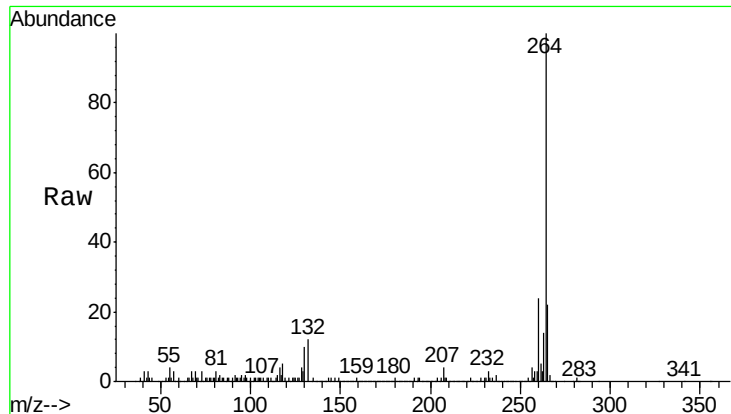
Tot Ion:240 Resp: 423238
 Ion Ratio Lower Upper
 240 100
 120 7.2 10.9 16.3#
 236 25.5 21.6 32.4



#78
 Terphenyl-d14
 Concen: 70.90 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Tgt Ion:244 Resp: 1265235
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 13.6 11.3 16.9





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:264 Resp: 429363
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 22.3 17.4 26.0

