

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082953.D
 Acq On : 16 Nov 2015 22:24
 Operator : UM/IZ
 Sample : G4446-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-U-M

Quant Time: Nov 17 00:12:00 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

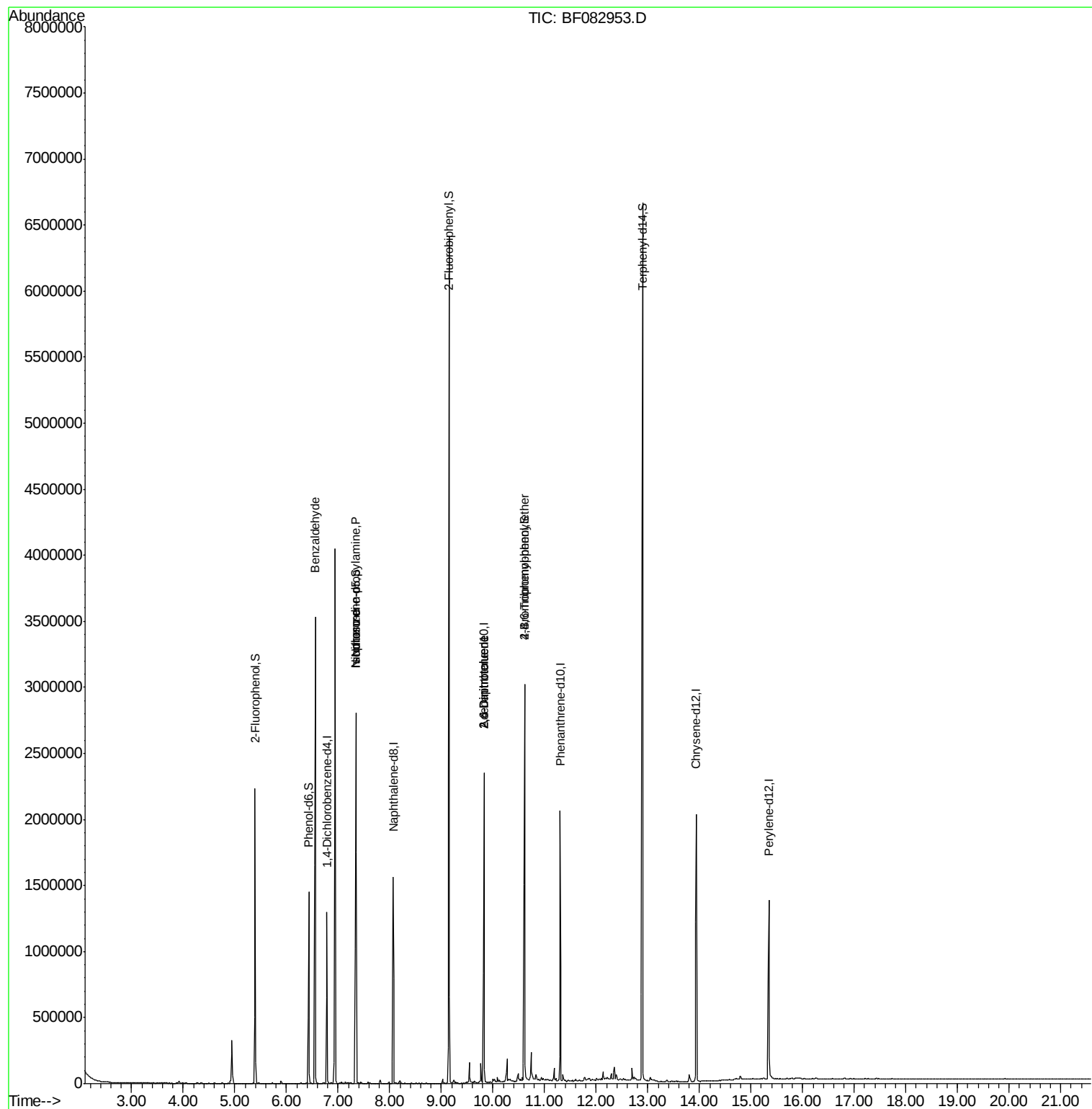
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	223361	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	825611	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	494109	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	851023	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	872169	20.00	ng	-0.08
86) Perylene-d12	15.35	264	685058	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	548953	38.24	ng	-0.06
7) Phenol-d6	6.43	99	500297	26.21	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1374618	72.45	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	375605	66.30	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2096639	60.82	ng	-0.07
78) Terphenyl-d14	12.90	244	2512915	68.34	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	26765	2.54	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.34	70	184260	13.13	ng	# 71
25) Isophorone	7.34	82	1364653	38.87	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	63097	7.30	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	63099	5.38	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	26666	2.60	ng	# 1

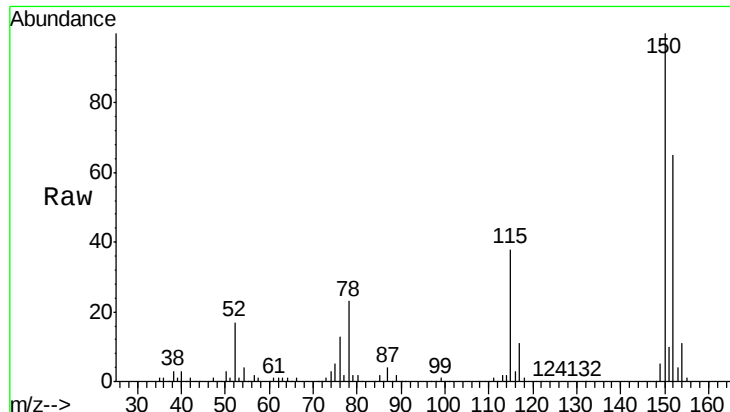
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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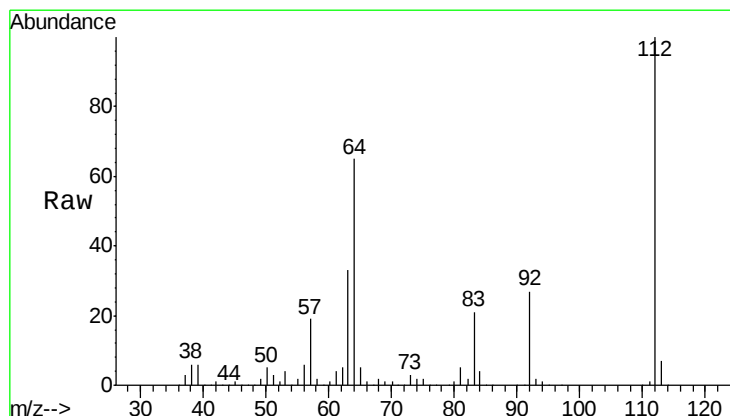
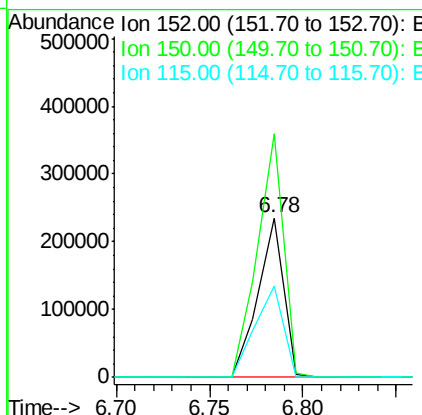
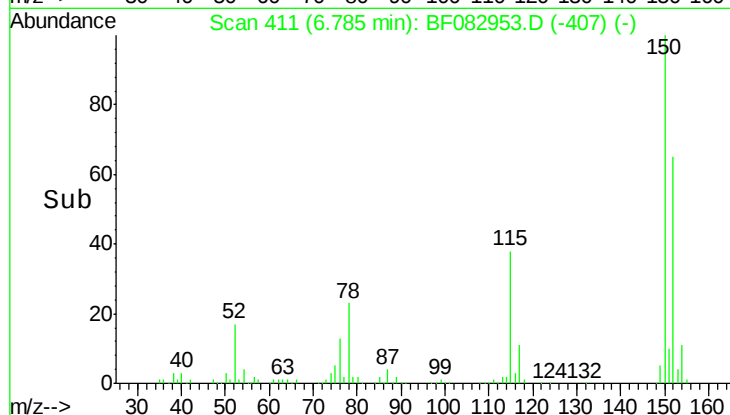




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

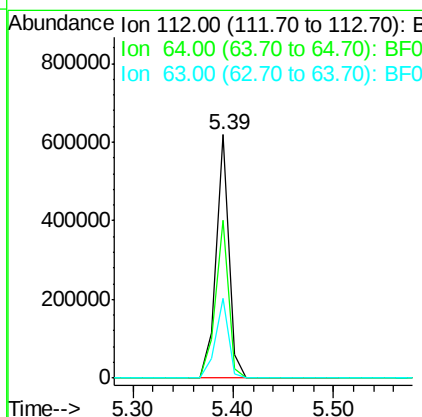
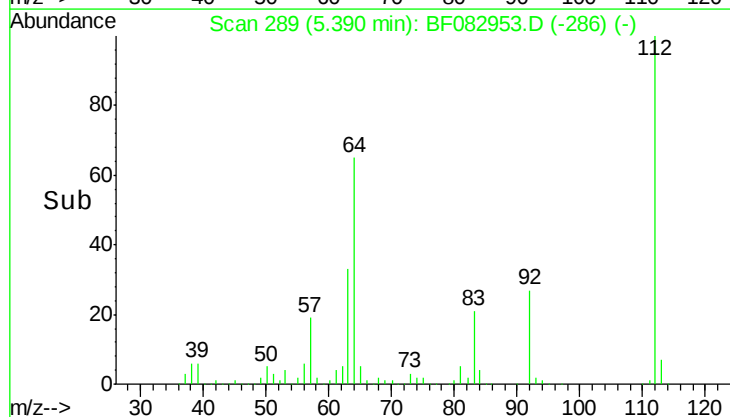
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-U-M

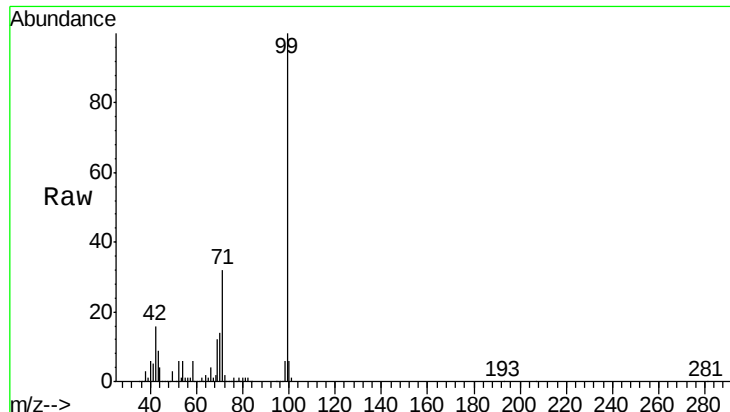
Tgt Ion:152 Resp: 223361
 Ion Ratio Lower Upper
 152 100
 150 152.9 127.0 190.4
 115 57.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 38.24 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

Tgt Ion:112 Resp: 548953
 Ion Ratio Lower Upper
 112 100
 64 64.7 48.9 73.3
 63 33.0 28.1 42.1





#7

Phenol-d6

Concen: 26.21 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082953.D

Acq: 16 Nov 2015 22:24

Instrument :

BNA_F

ClientSampleId :

111315-A263-E-U-M

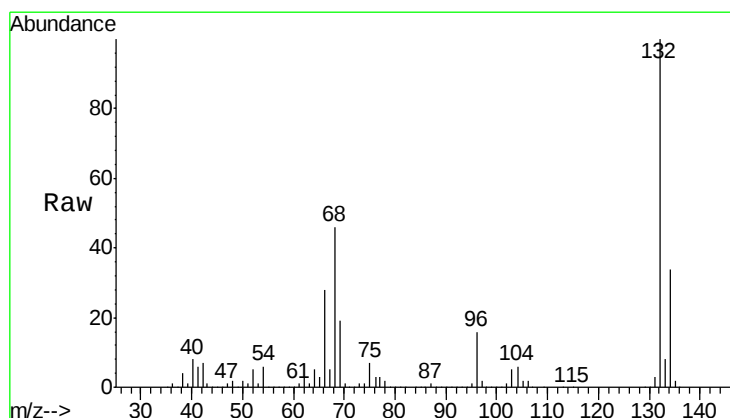
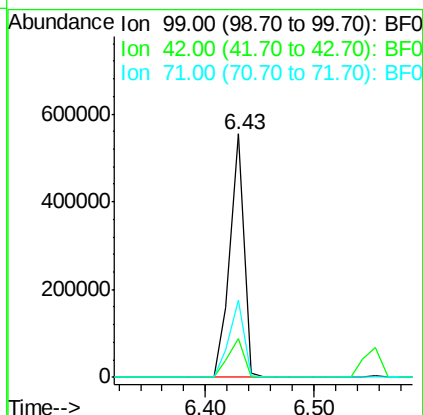
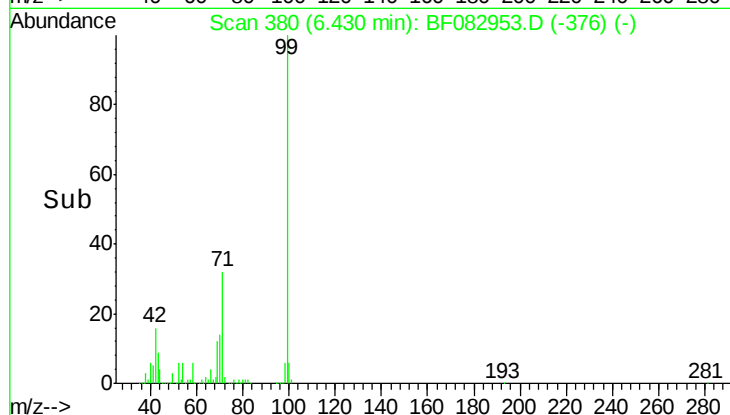
Tgt Ion: 99 Resp: 500297

Ion Ratio Lower Upper

99 100

42 15.9 19.2 28.8#

71 31.9 35.0 52.4#



#9

Benzaldehyde

Concen: 2.54 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082953.D

Acq: 16 Nov 2015 22:24

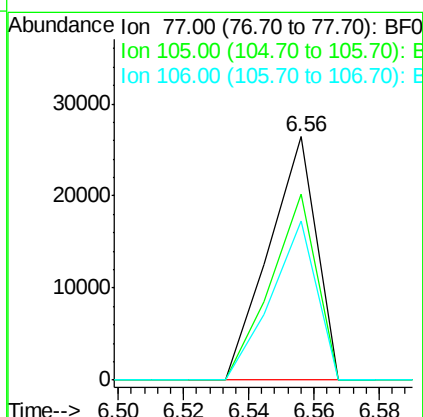
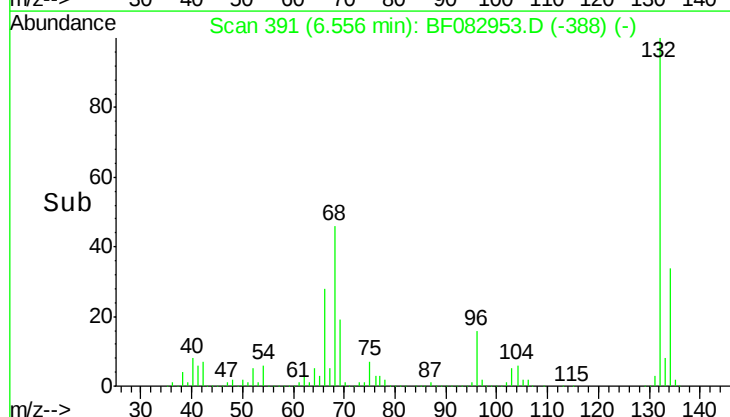
Tgt Ion: 77 Resp: 26765

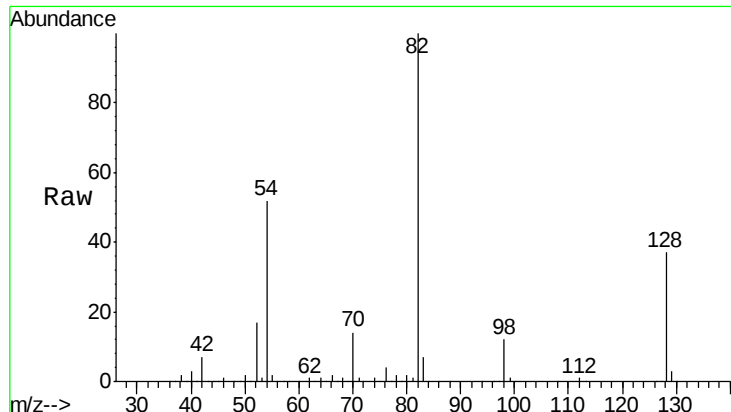
Ion Ratio Lower Upper

77 100

105 76.6 63.5 103.5

106 65.4 59.3 99.3

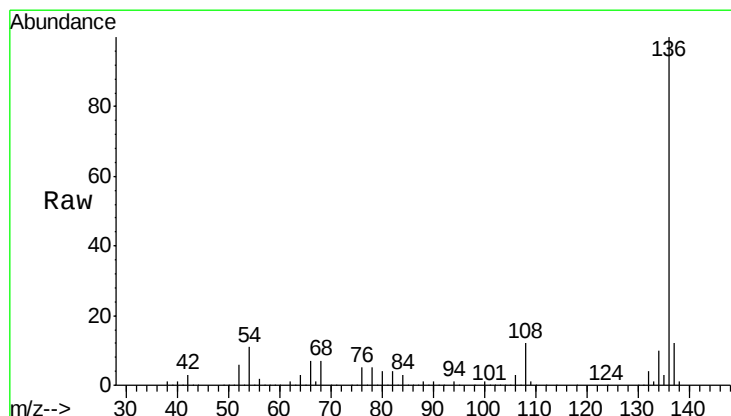
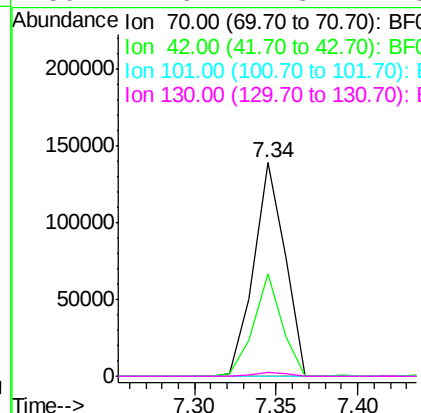
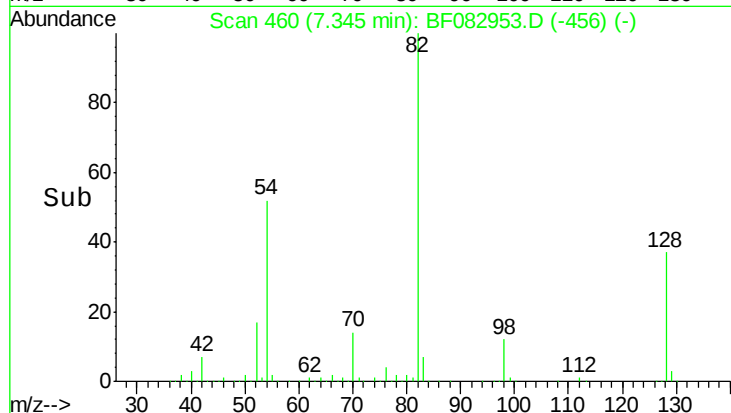




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.13 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

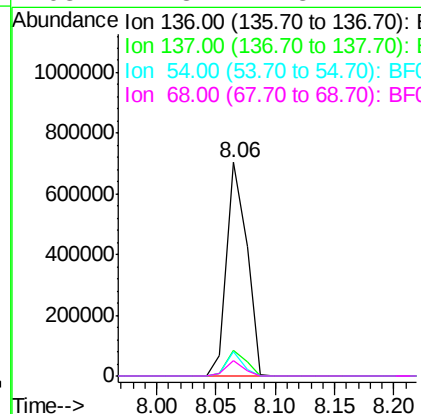
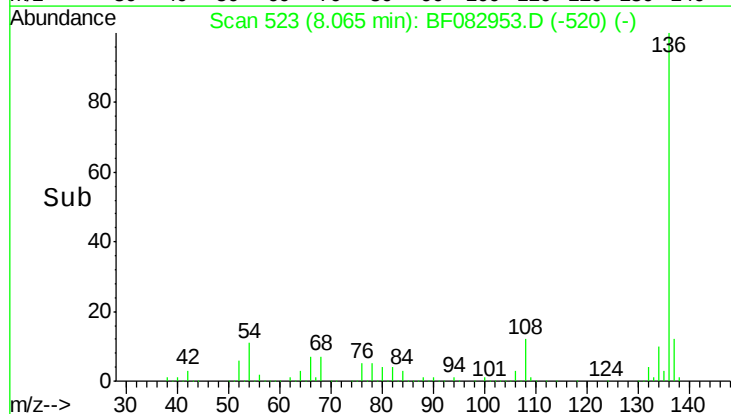
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-U-M

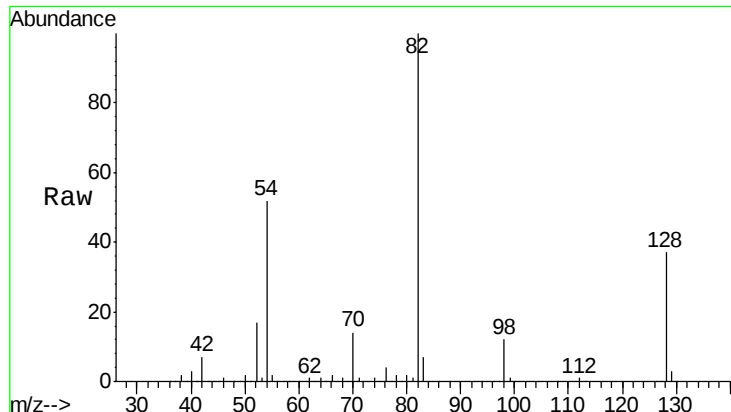
Tgt Ion:	70	Resp:	184260
Ion Ratio	Lower	Upper	
70	100		
42	47.7	57.7	86.5#
101	0.0	7.0	10.6#
130	1.6	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

Tgt Ion:	136	Resp:	825611
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.1	13.7
54	11.2	9.1	13.7
68	7.3	4.8	7.2#

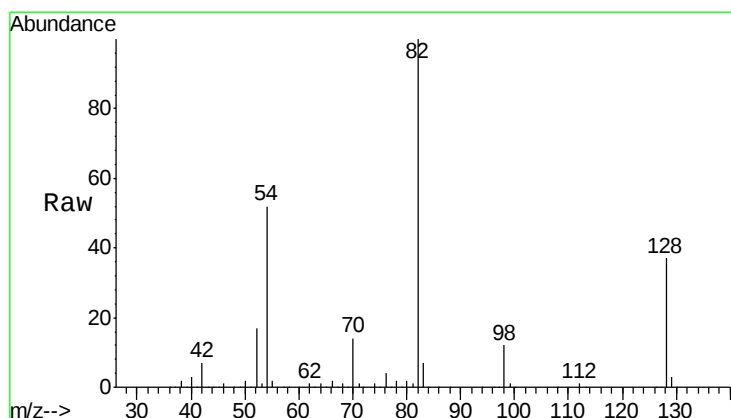
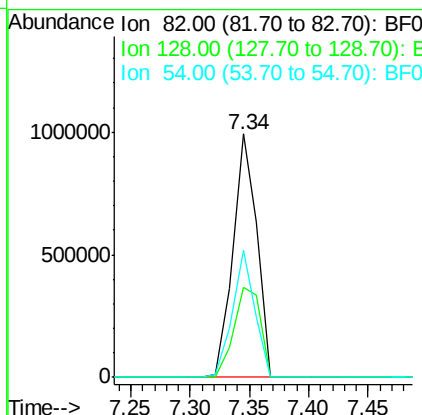
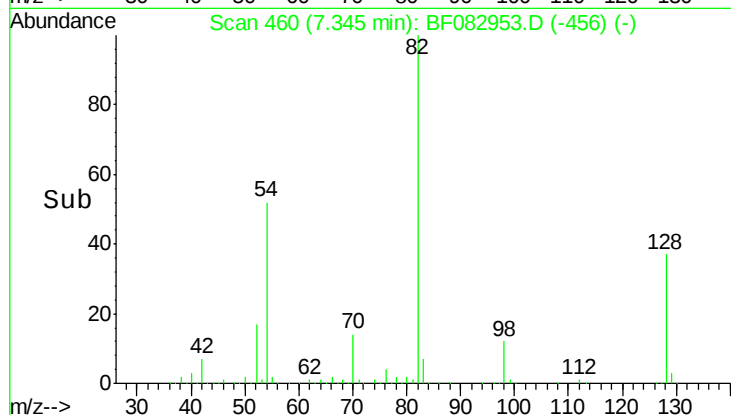




#23
 Nitrobenzene-d5
 Concen: 72.45 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

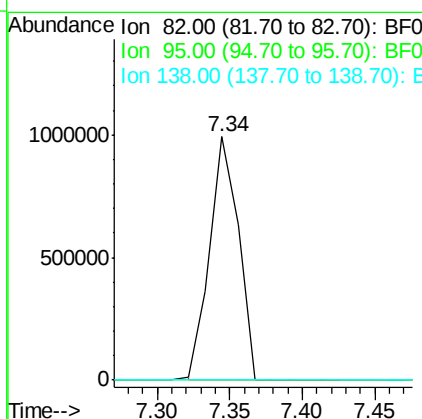
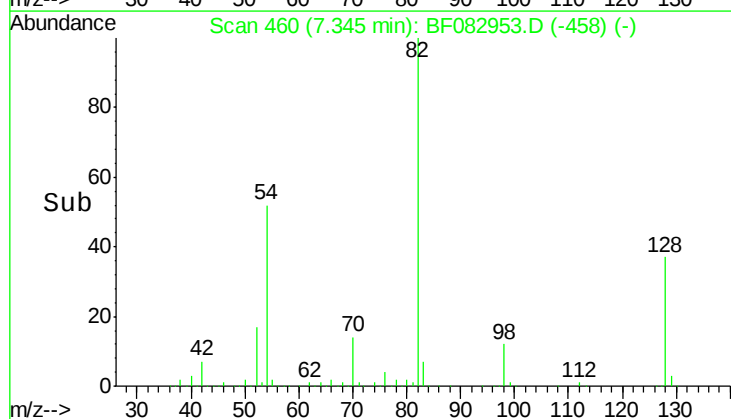
Instrument :
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 ClientSampleId :
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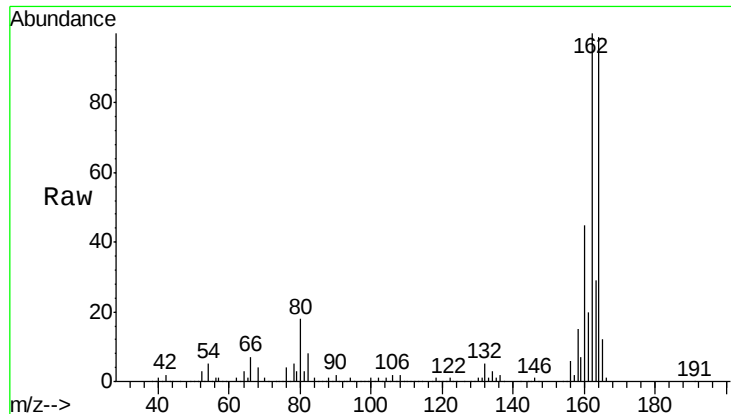
Tgt Ion:	82	Resp:	1374618
Ion	Ratio	Lower	Upper
82	100		
128	37.2	26.8	40.2
54	52.1	45.7	68.5



#25
 Isophorone
 Concen: 38.87 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

Tgt Ion:	82	Resp:	1364653
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

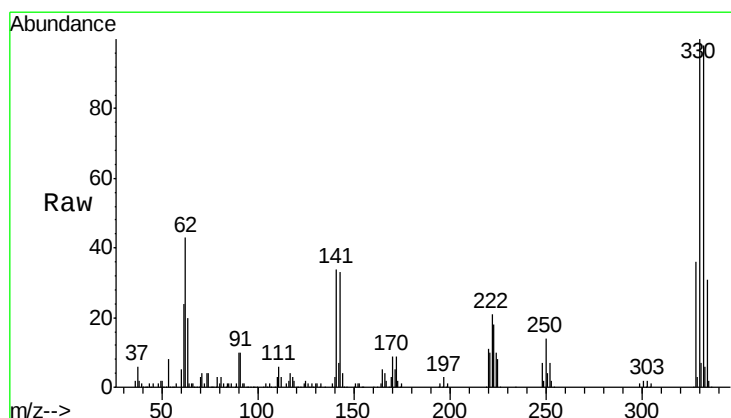
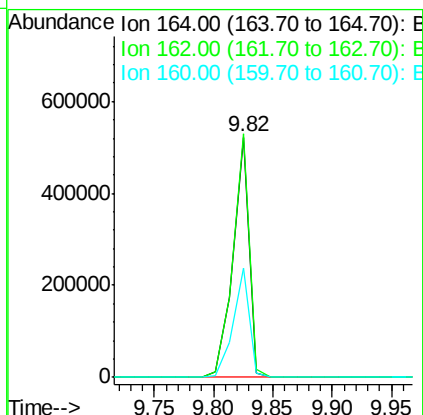
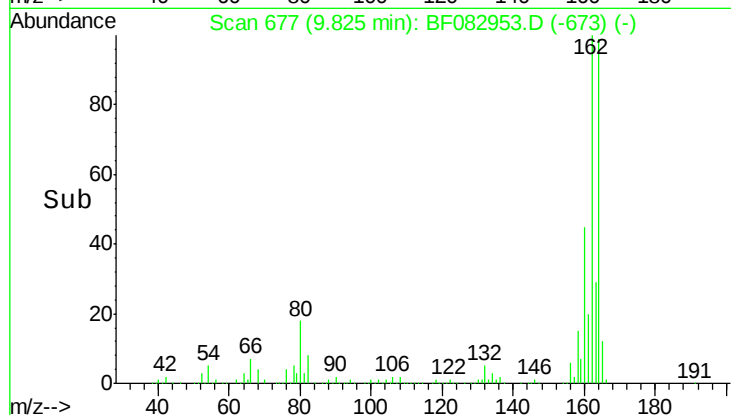




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

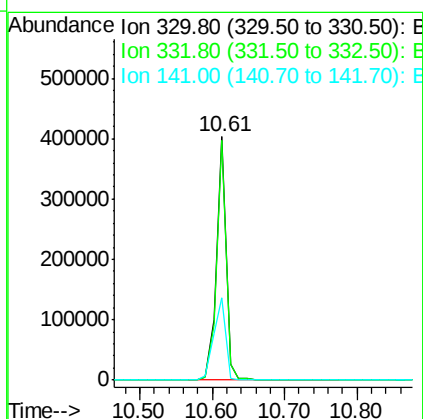
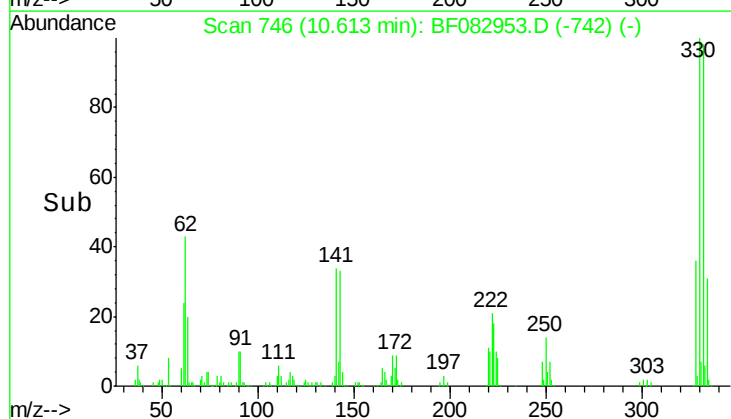
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-U-M

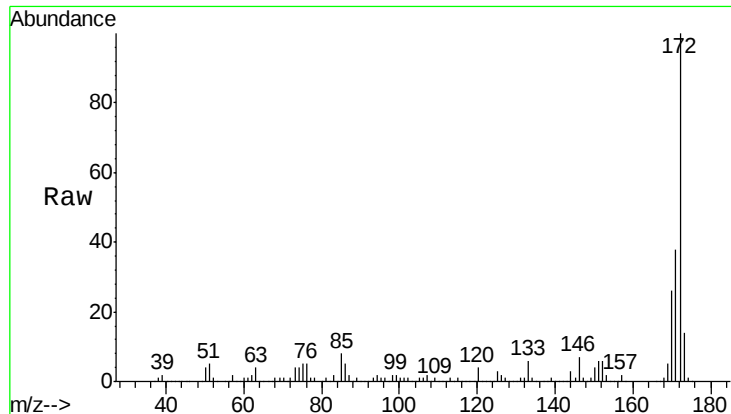
Tgt Ion:164 Resp: 494109
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.9 127.3
 160 45.5 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 66.30 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

Tgt Ion:330 Resp: 375605
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 41.5 41.2 61.8

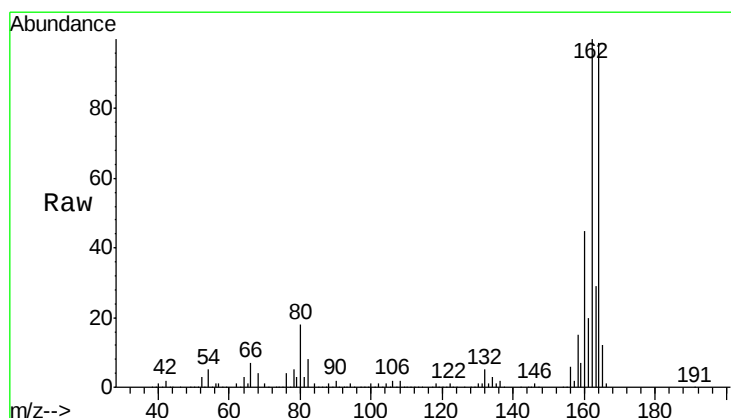
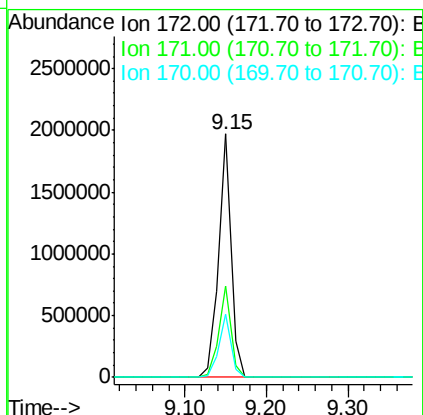
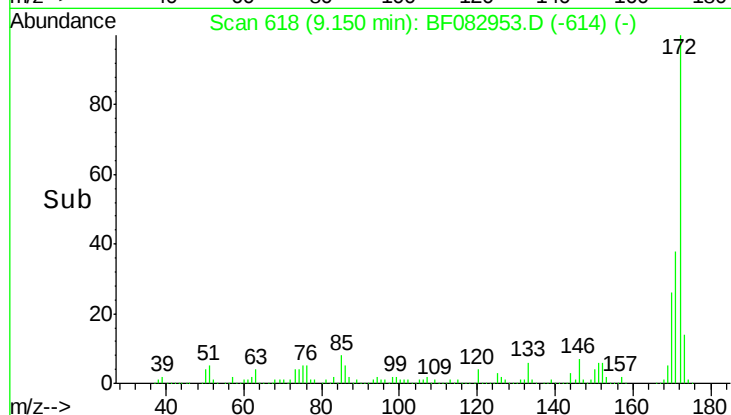




#44
 2-Fluorobiphenyl
 Concen: 60.82 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

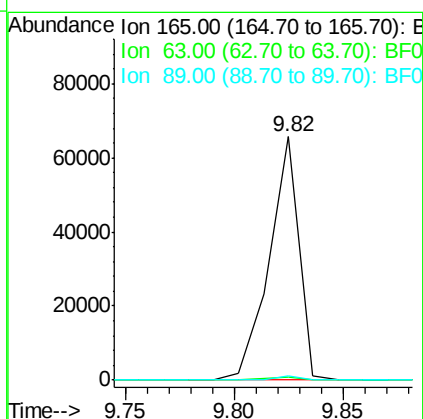
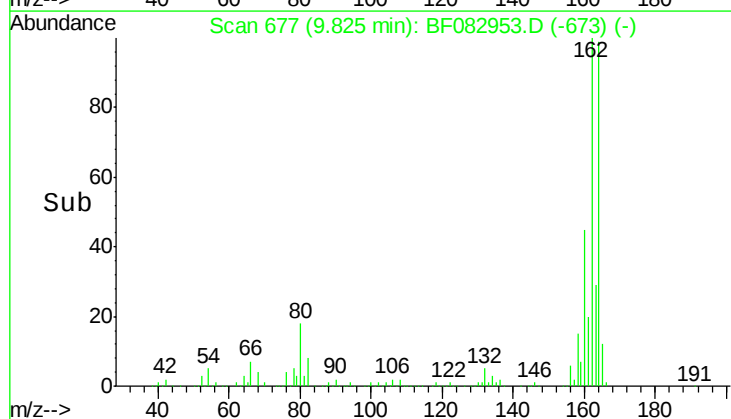
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 111315-A263-E-U-M

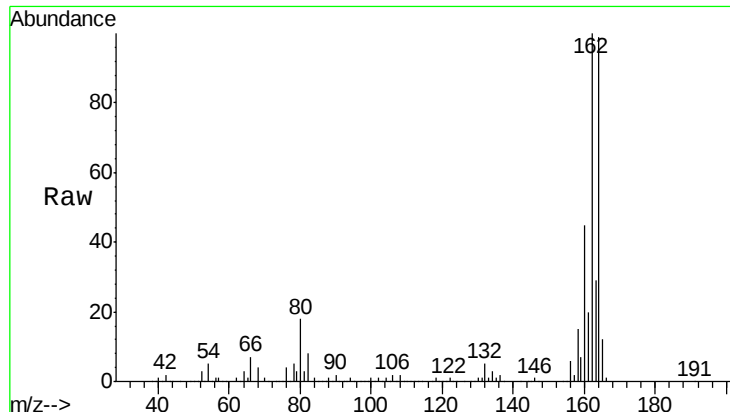
Tgt Ion:172 Resp: 2096639
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.8 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.30 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

Tgt Ion:165 Resp: 63097
 Ion Ratio Lower Upper
 165 100
 63 1.2 55.5 83.3#
 89 1.6 55.0 82.6#

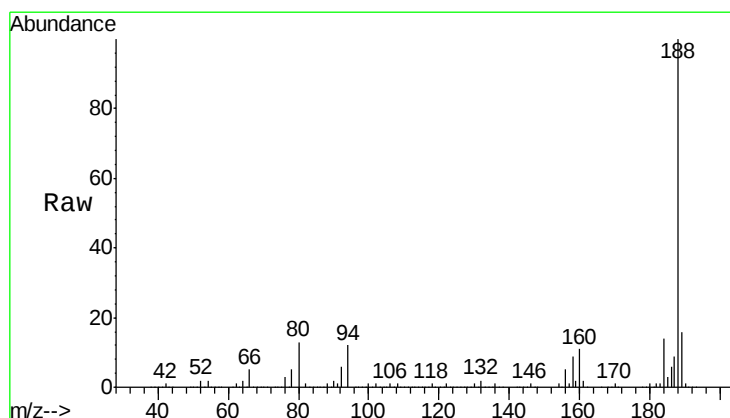
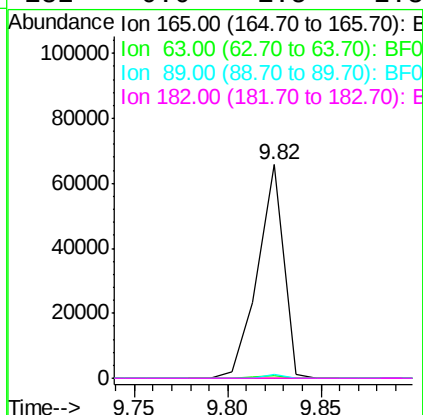
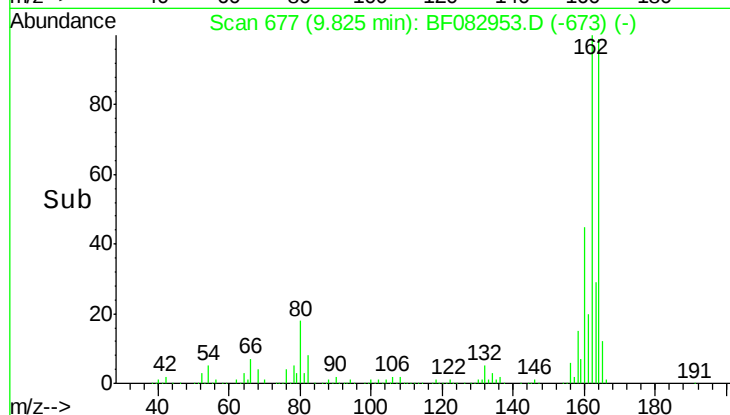




#56
 2,4-Dinitrotoluene
 Concen: 5.38 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

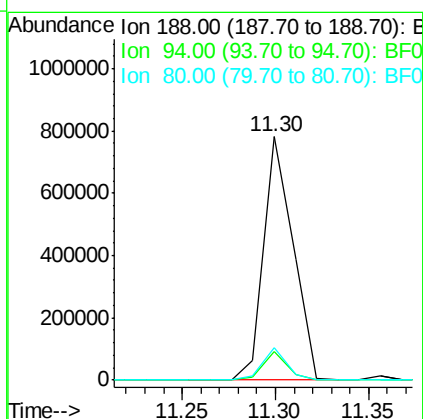
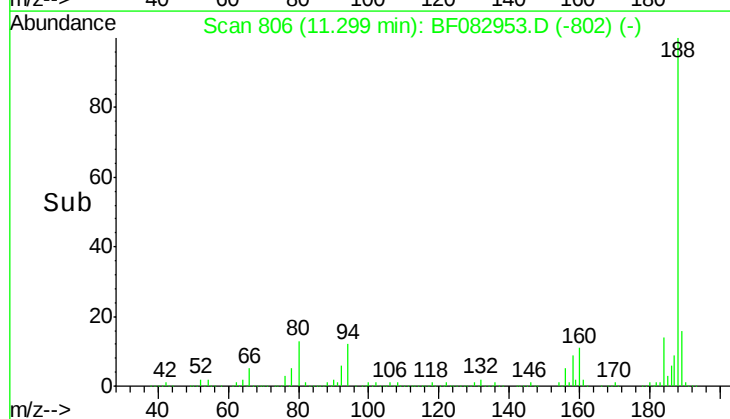
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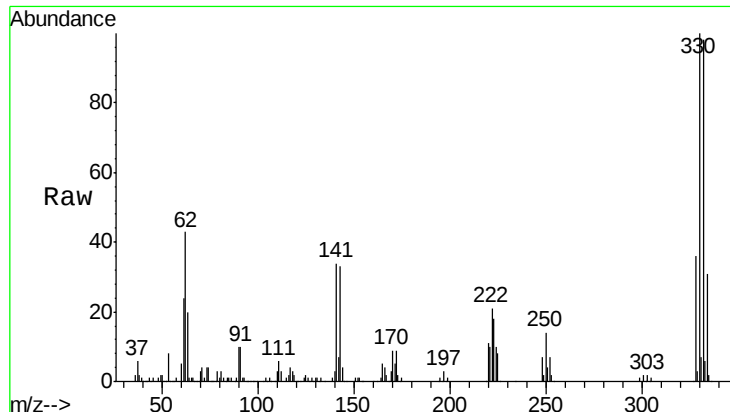
Tgt Ion:165 Resp: 63099
 Ion Ratio Lower Upper
 165 100
 63 1.2 43.4 65.0#
 89 1.6 70.6 106.0#
 182 0.0 1.5 2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

Tgt Ion:188 Resp: 851023
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.1 9.1#
 80 13.4 7.0 10.6#

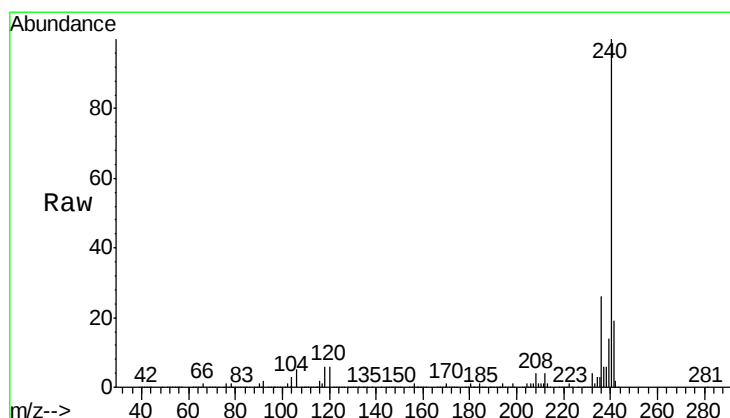
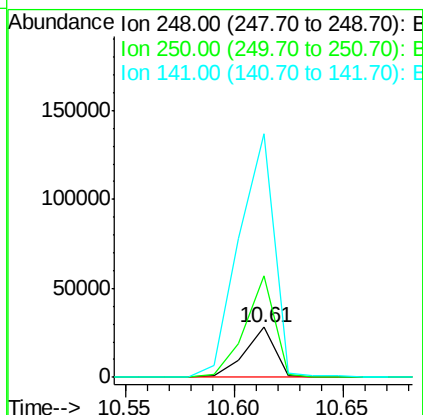
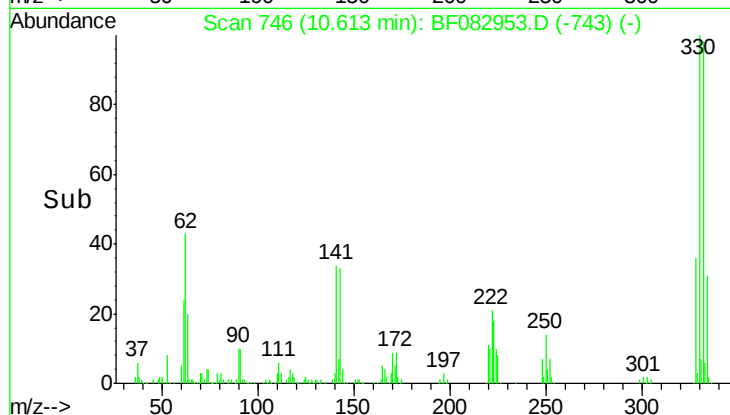




#66
 4-Bromophenyl-phenylether
 Concen: 2.60 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

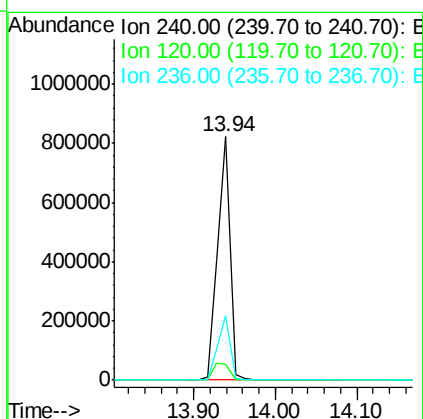
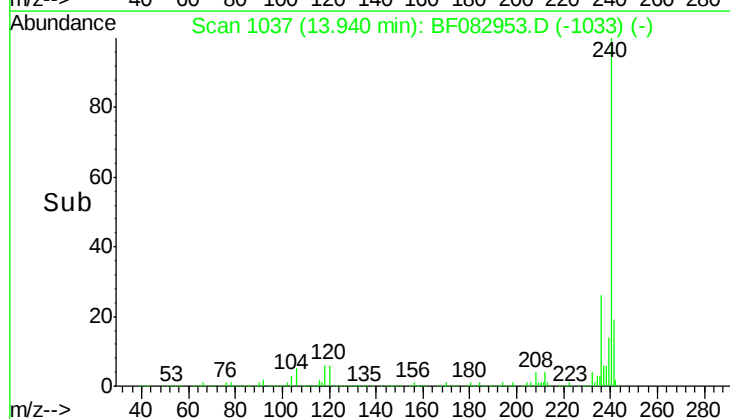
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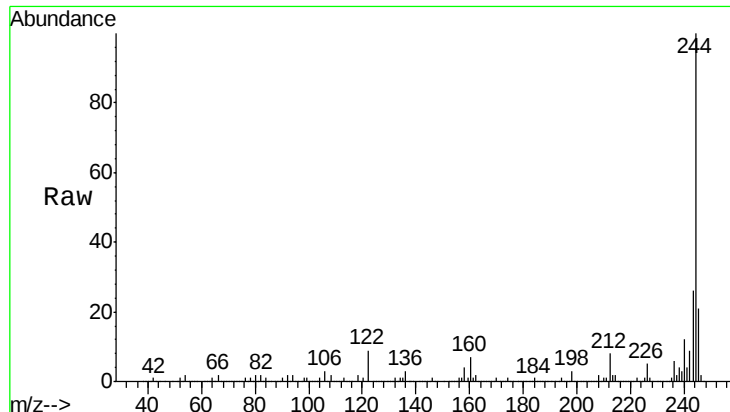
Tgt Ion:248 Resp: 26666
 Ion Ratio Lower Upper
 248 100
 250 204.8 79.4 119.2#
 141 488.1 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

Tgt Ion:240 Resp: 872169
 Ion Ratio Lower Upper
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 120 6.3 10.9 16.3#
 236 26.3 21.6 32.4

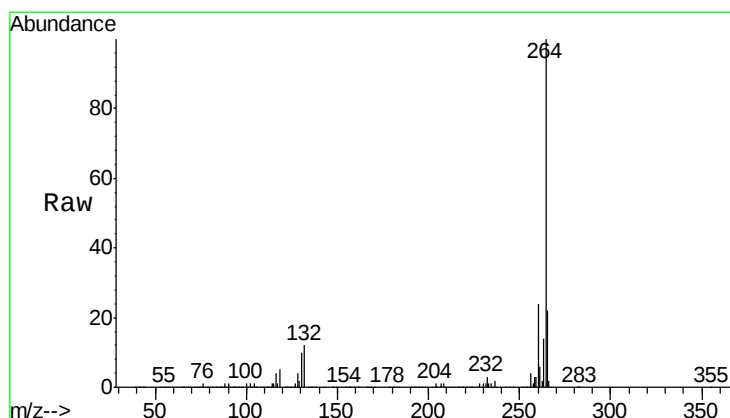
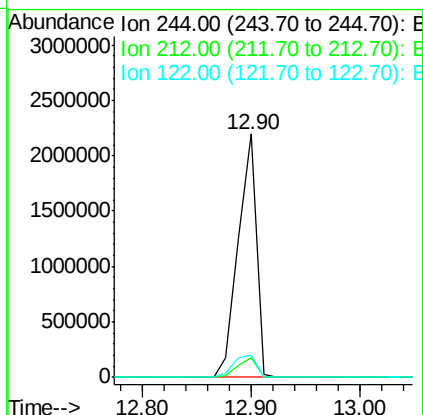
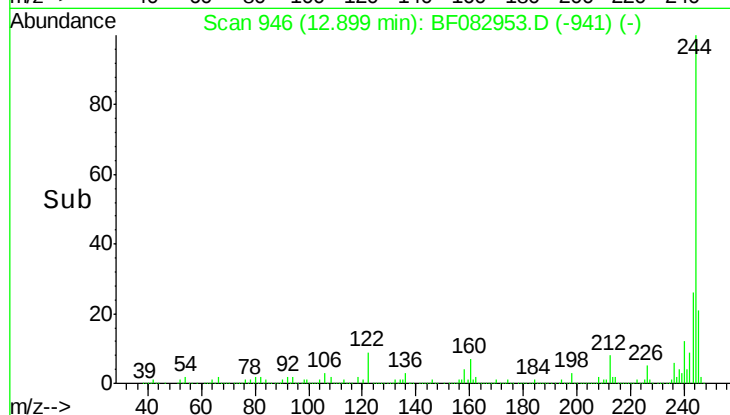




#78
 Terphenyl-d14
 Concen: 68.34 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082953.D
 Acq: 16 Nov 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-U-M

Tgt Ion:244 Resp: 2512915
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 9.3 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: BF082953.D
 Acq: 16 Nov 2015 22:24

Tgt Ion:264 Resp: 685058
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 22.0 17.4 26.0

