

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082954.D
 Acq On : 16 Nov 2015 22:53
 Operator : UM/IZ
 Sample : G4446-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 17 00:12:22 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

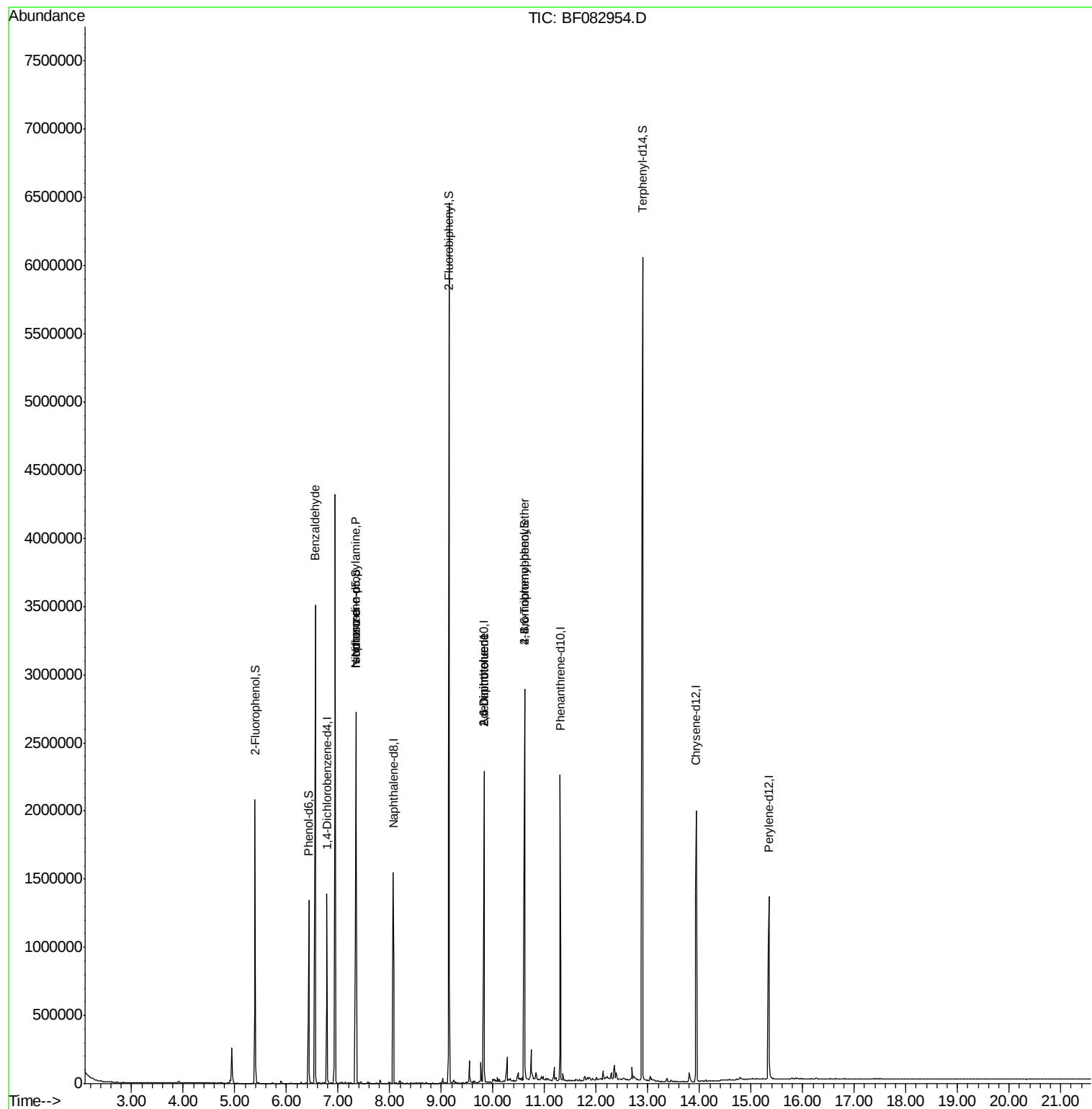
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	226203	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	818578	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	490870	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	879254	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	914105	20.00	ng	-0.08
86) Perylene-d12	15.35	264	713051	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	524899	36.10	ng	-0.06
7) Phenol-d6	6.43	99	470893	24.36	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1385829	73.67	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	378411	67.23	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2069047	60.41	ng	-0.07
78) Terphenyl-d14	12.90	244	2486114	64.51	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	25400	2.38	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.34	70	182128	12.82	ng	# 71
25) Isophorone	7.34	82	1378379	39.60	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	62069	7.23	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	62071	5.33	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	26202	2.47	ng	# 1

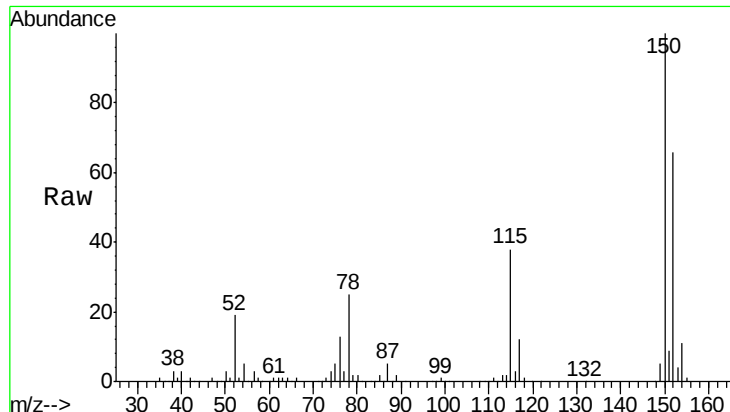
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
Data File : BF082954.D
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Response via : Initial Calibration

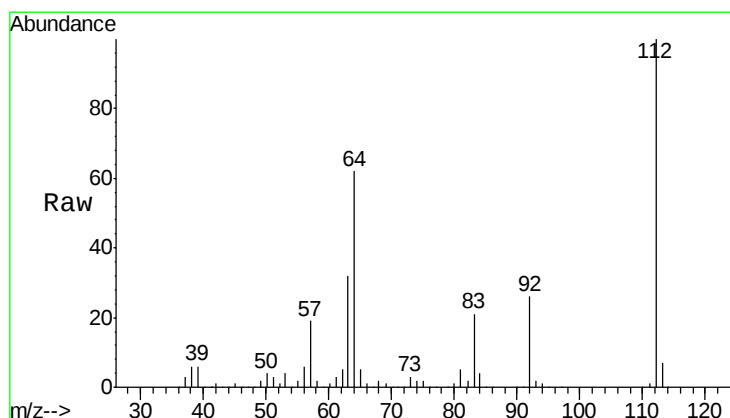
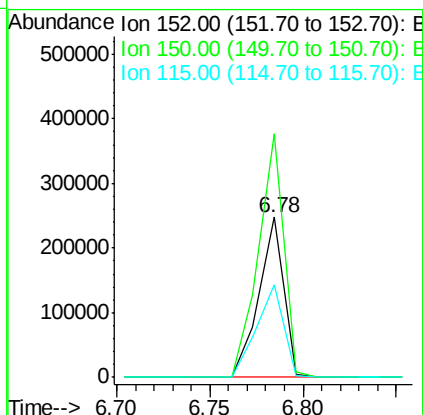
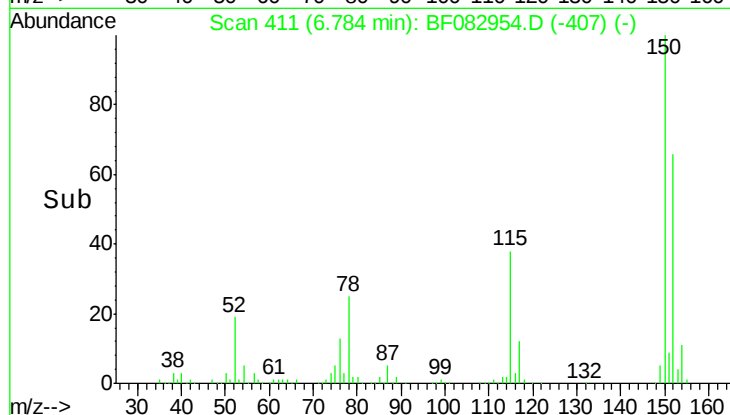




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

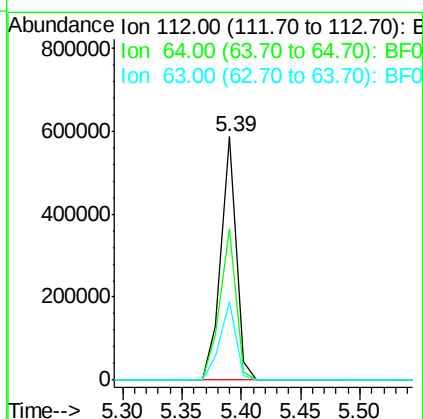
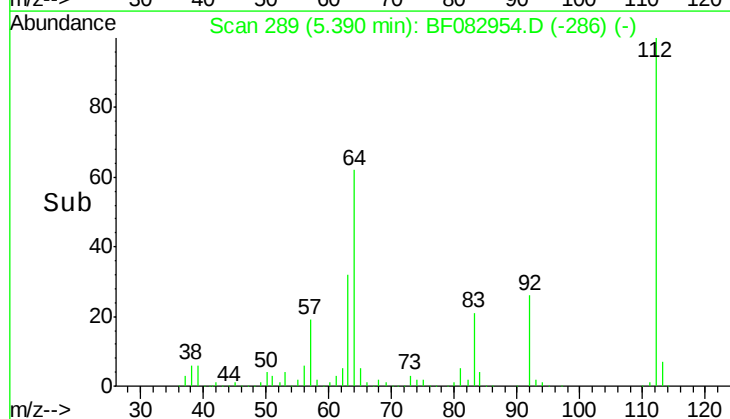
Instrument :
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 ClientSampleId :
 111415-A263-F-U-M

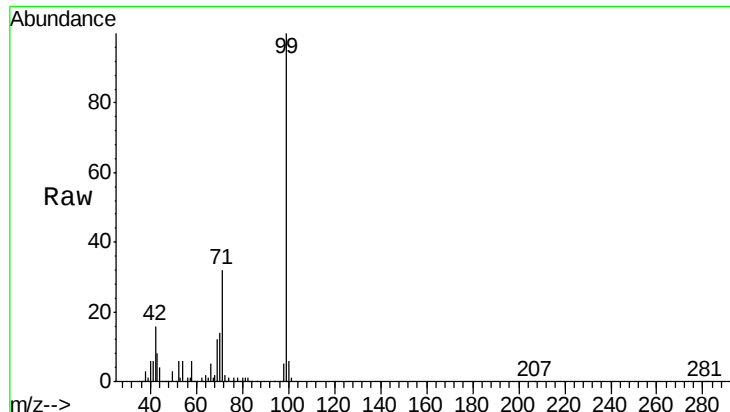
Tgt Ion:152 Resp: 226203
 Ion Ratio Lower Upper
 152 100
 150 151.9 127.0 190.4
 115 58.1 47.0 70.6



#5
 2-Fluorophenol
 Concen: 36.10 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion:112 Resp: 524899
 Ion Ratio Lower Upper
 112 100
 64 62.3 48.9 73.3
 63 32.4 28.1 42.1





#7

Phenol-d6

Concen: 24.36 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082954.D

Acq: 16 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

111415-A263-F-U-M

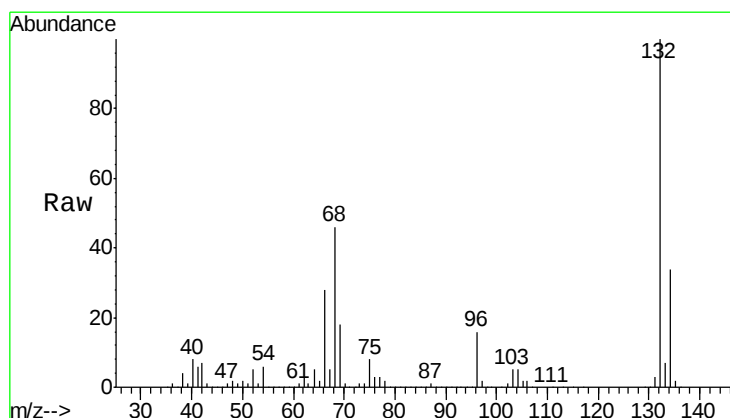
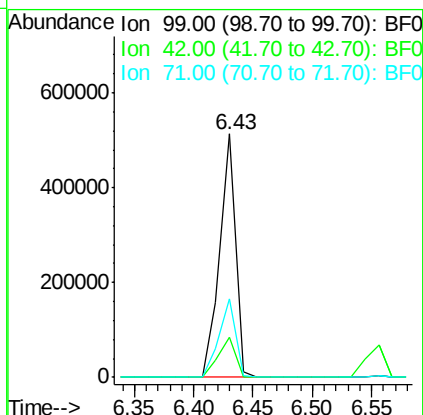
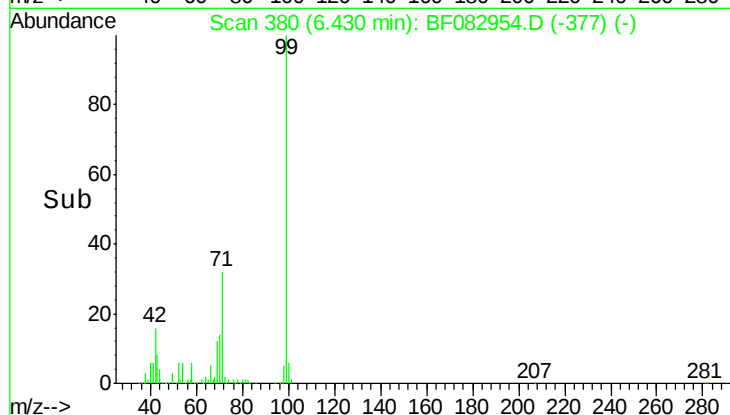
Tgt Ion: 99 Resp: 470893

Ion Ratio Lower Upper

99 100

42 16.2 19.2 28.8#

71 32.2 35.0 52.4#



#9

Benzaldehyde

Concen: 2.38 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082954.D

Acq: 16 Nov 2015 22:53

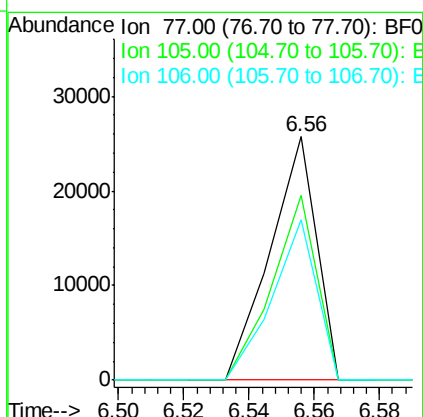
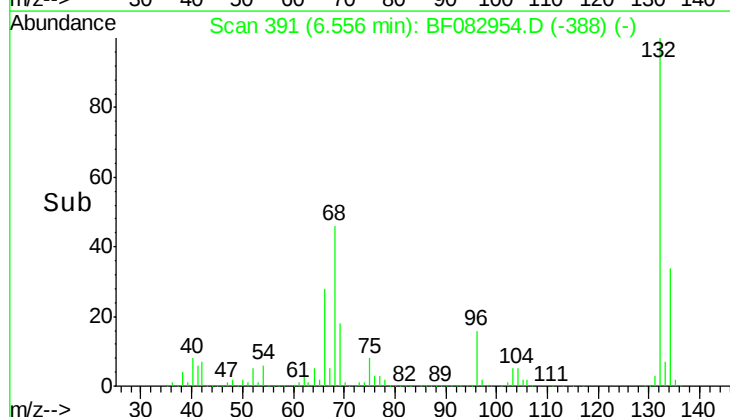
Tgt Ion: 77 Resp: 25400

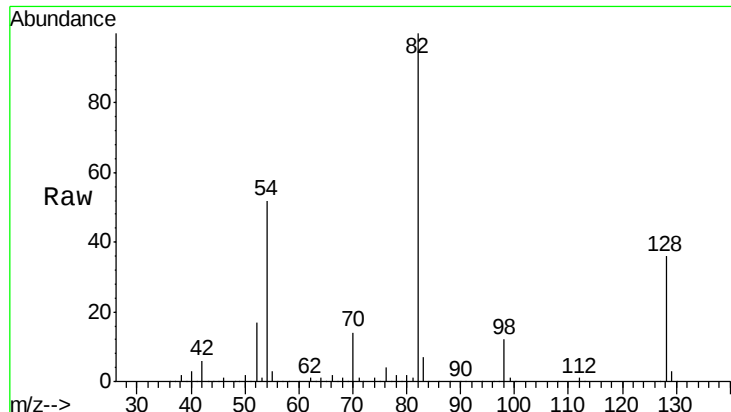
Ion Ratio Lower Upper

77 100

105 75.7 63.5 103.5

106 66.1 59.3 99.3

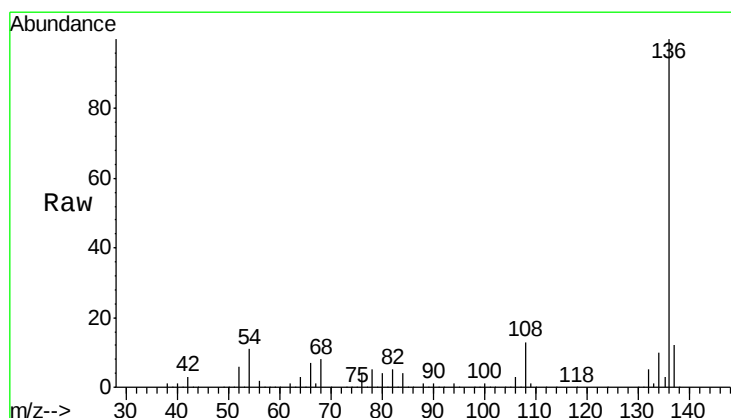
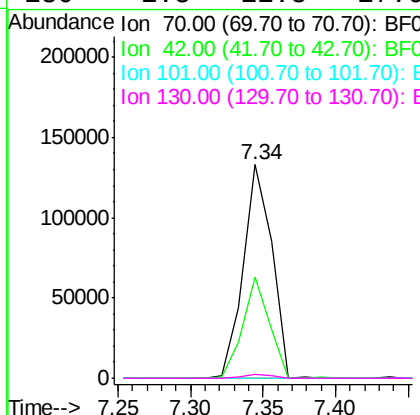
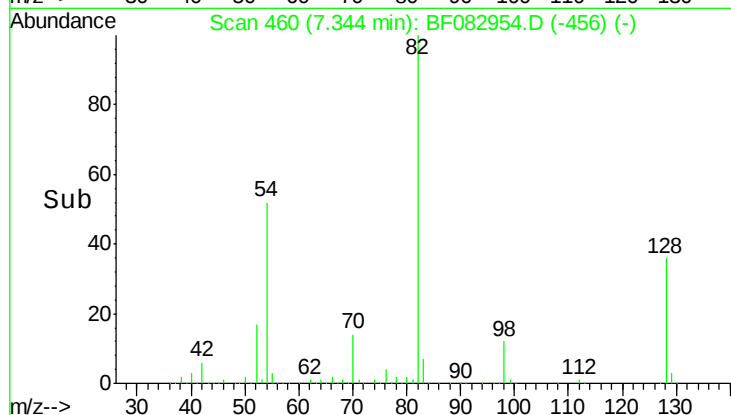




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.82 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

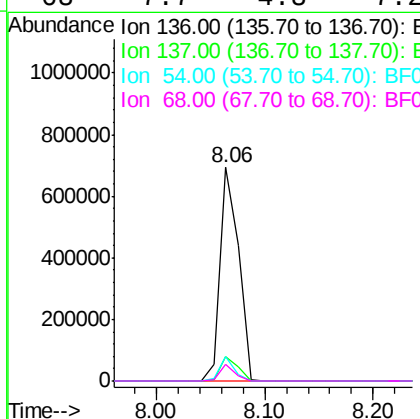
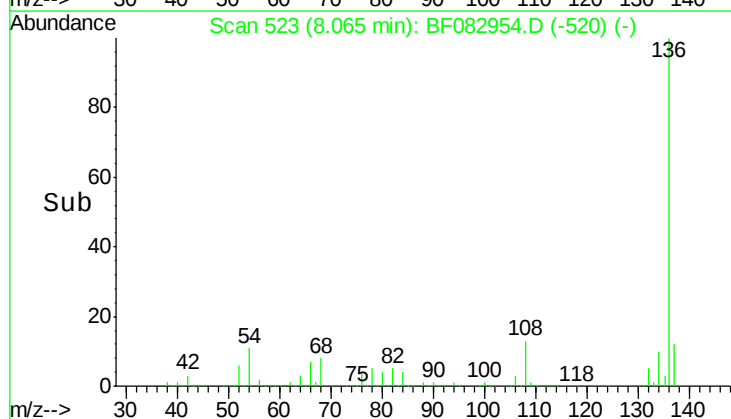
Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-U-M

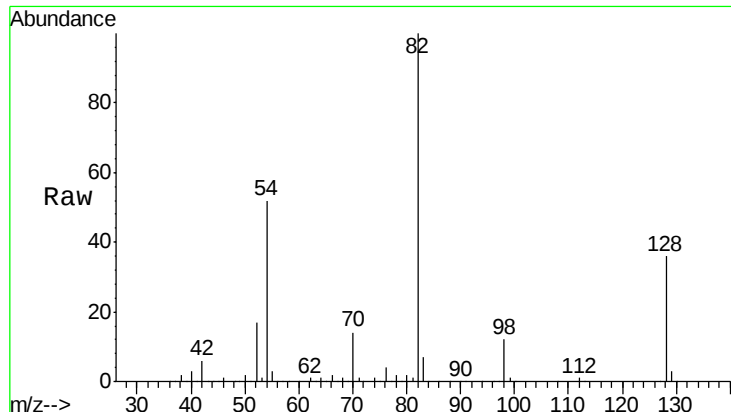
Tgt Ion:	70	Resp:	182128
Ion	Ratio	Lower	Upper
70	100		
42	47.3	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion:	136	Resp:	818578
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	11.1	9.1	13.7
68	7.7	4.8	7.2#

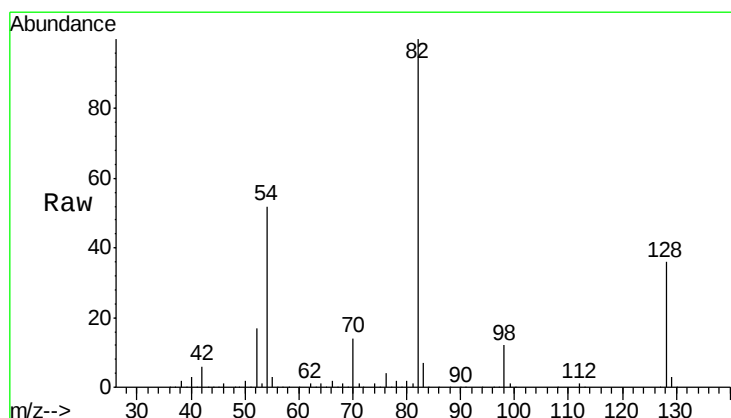
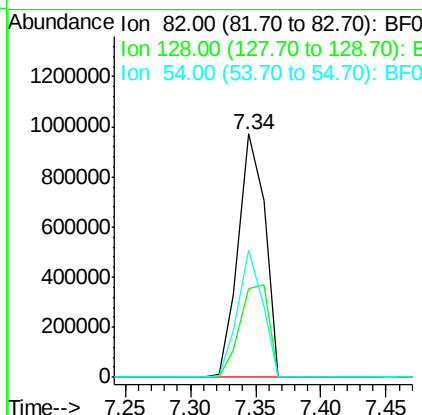
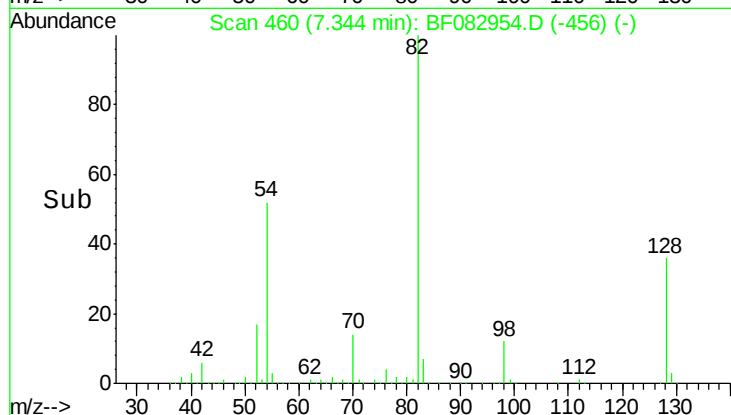




#23
 Nitrobenzene-d5
 Concen: 73.67 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

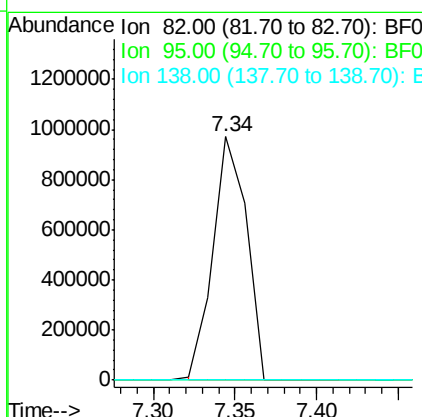
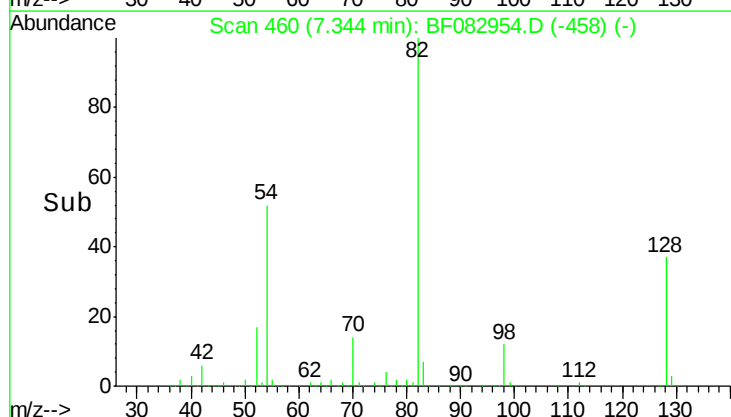
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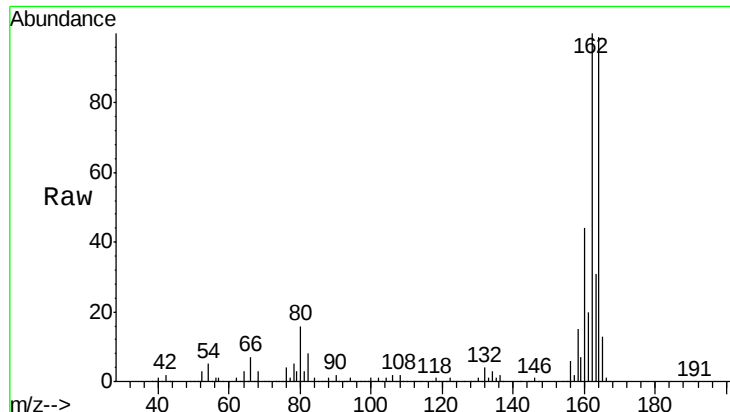
Tgt Ion: 82 Resp: 1385829
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.8 40.2
 54 52.1 45.7 68.5



#25
 Isophorone
 Concen: 39.60 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion: 82 Resp: 1378379
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

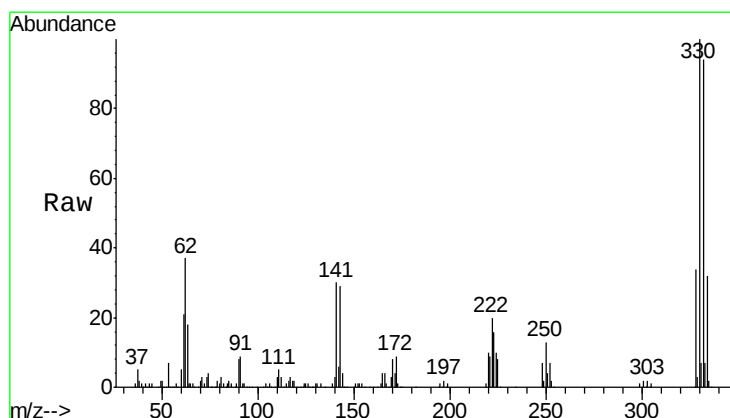
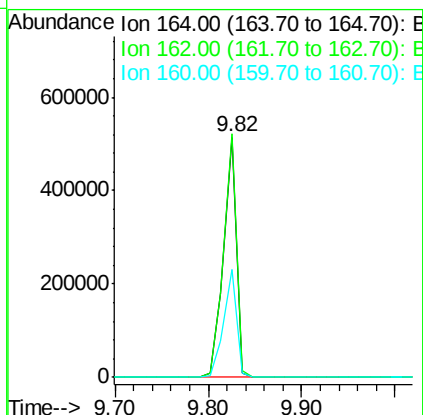
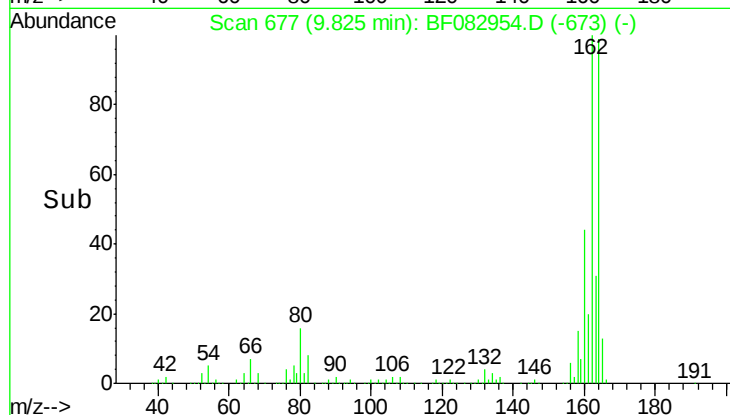




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

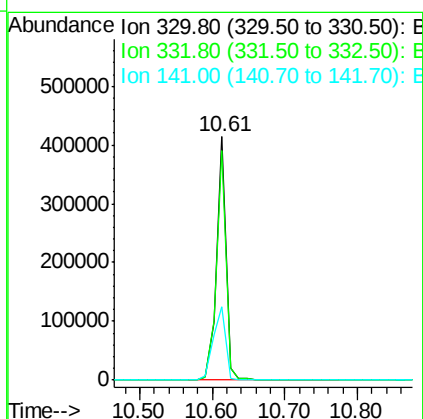
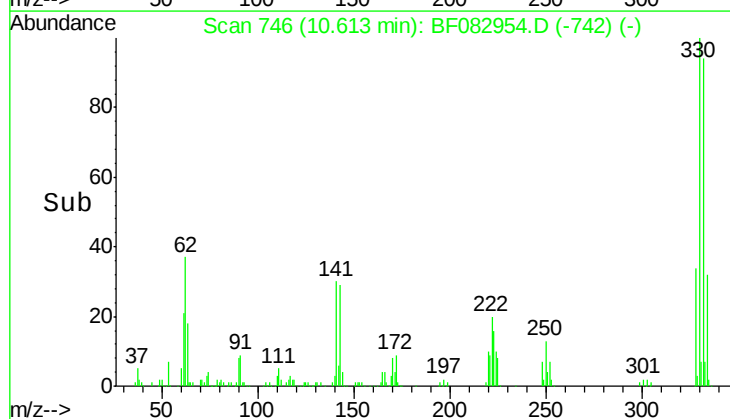
Instrument :
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 111415-A263-F-U-M

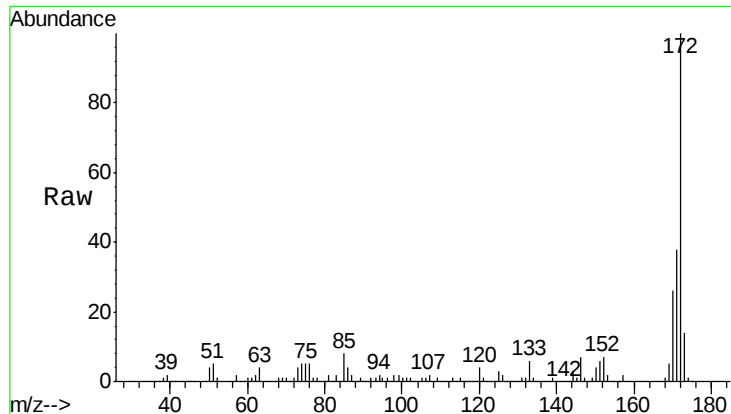
Tgt Ion:164 Resp: 490870
 Ion Ratio Lower Upper
 164 100
 162 101.5 84.9 127.3
 160 45.1 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 67.23 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion:330 Resp: 378411
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 38.8 41.2 61.8#

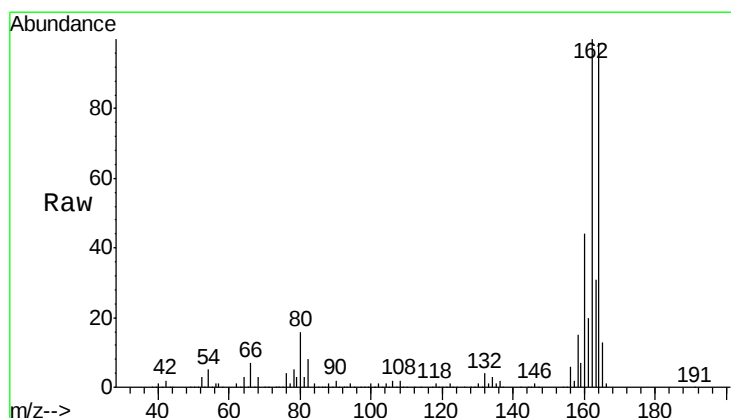
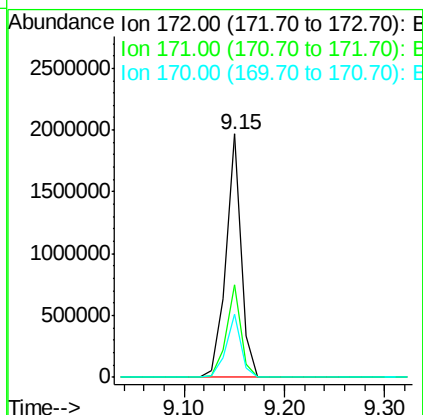
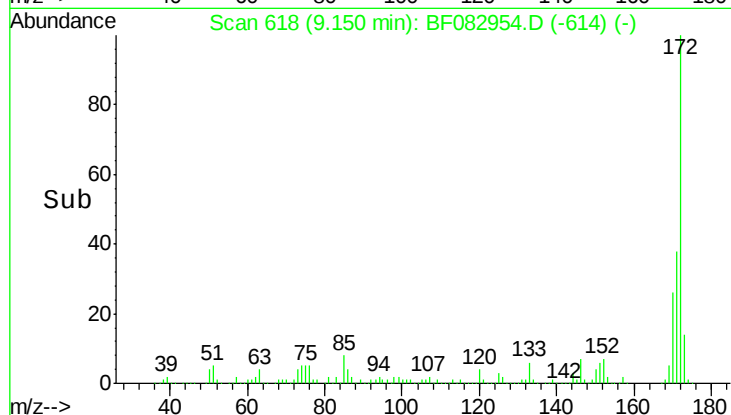




#44
 2-Fluorobiphenyl
 Concen: 60.41 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

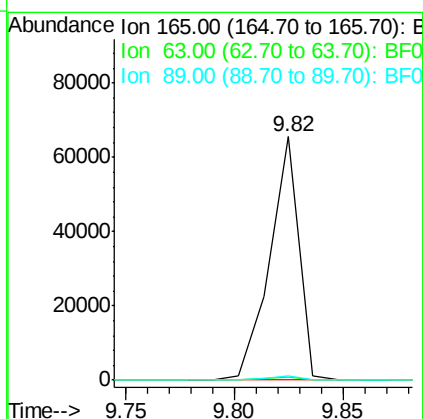
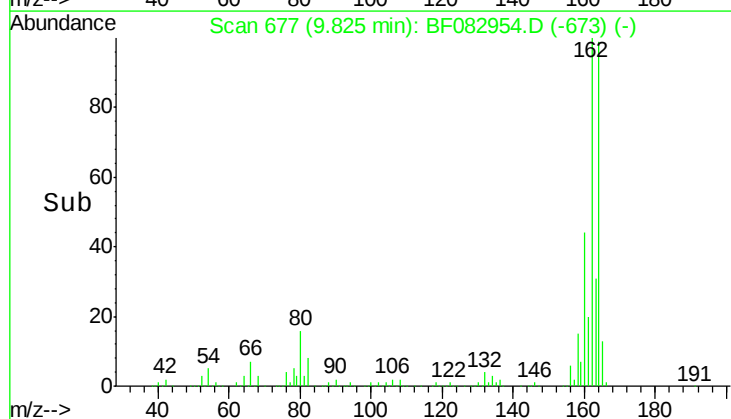
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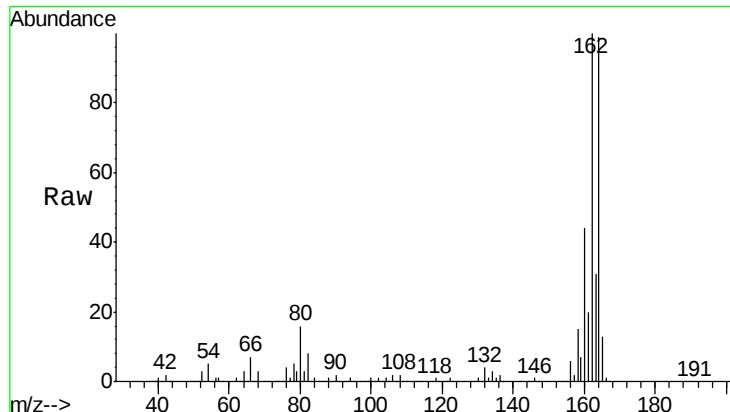
Tgt Ion:172 Resp: 2069047
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 26.1 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.23 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion:165 Resp: 62069
 Ion Ratio Lower Upper
 165 100
 63 1.2 55.5 83.3#
 89 1.7 55.0 82.6#

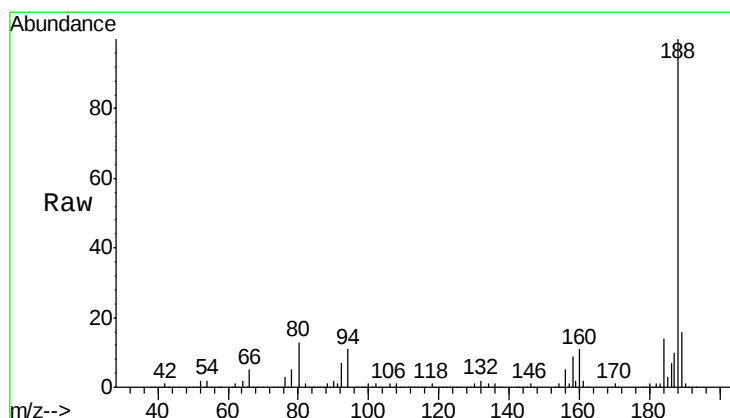
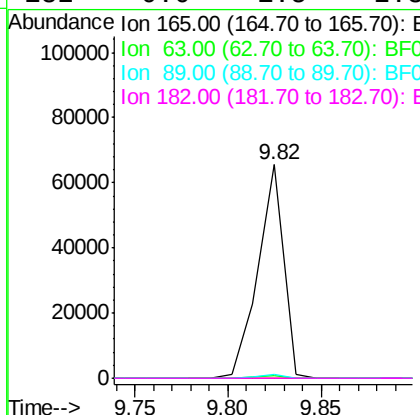
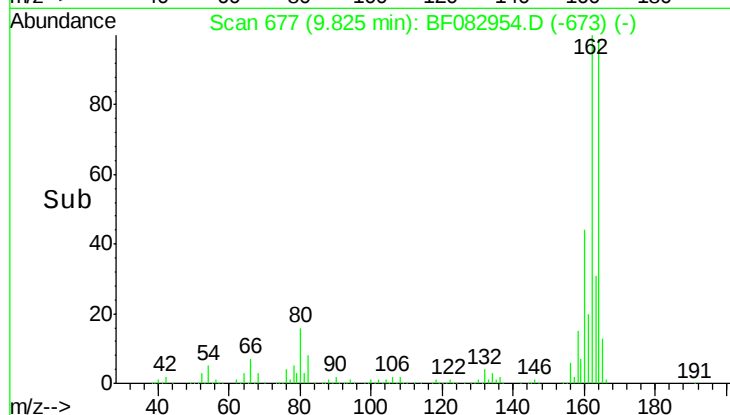




#56
 2,4-Dinitrotoluene
 Concen: 5.33 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

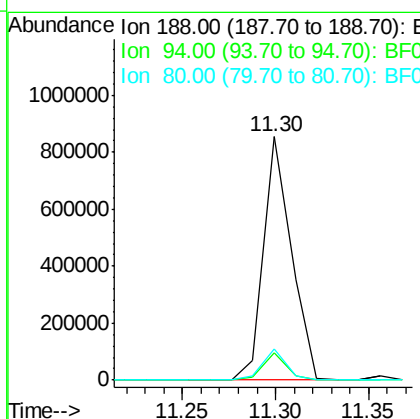
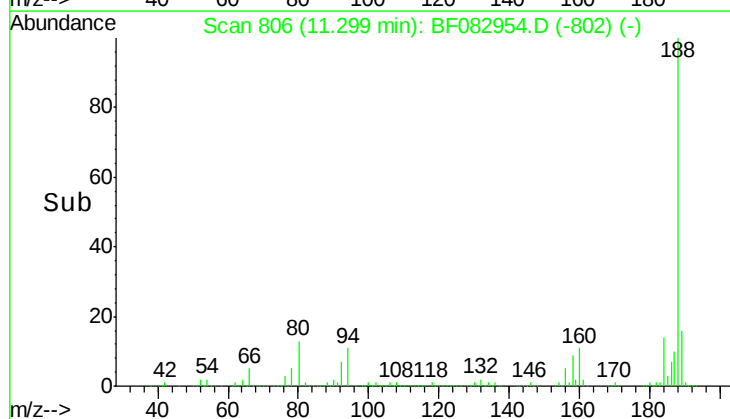
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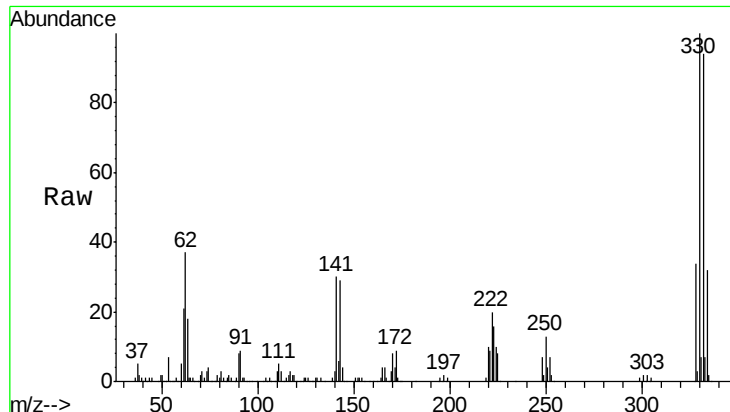
Tgt Ion:	165	Resp:	62071
Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion:	188	Resp:	879254
Ion	Ratio	Lower	Upper
188	100		
94	11.4	6.1	9.1#
80	12.9	7.0	10.6#

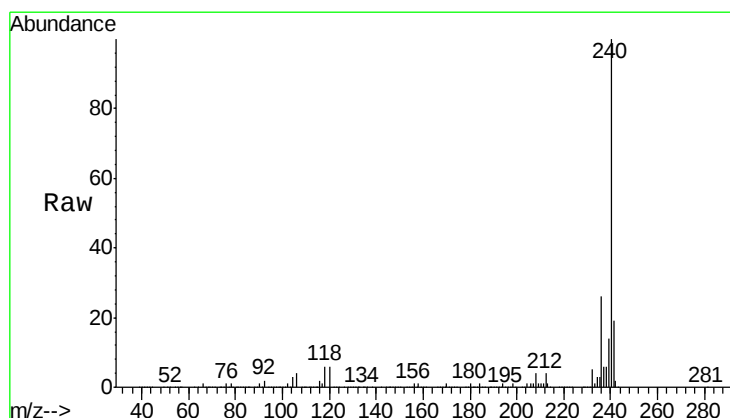
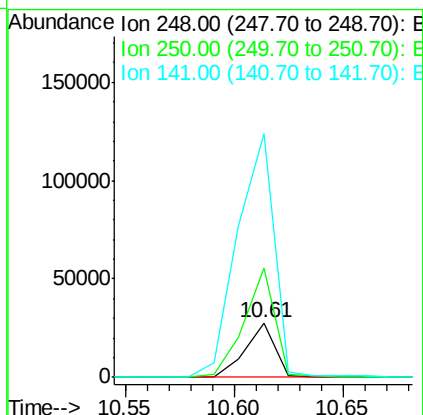
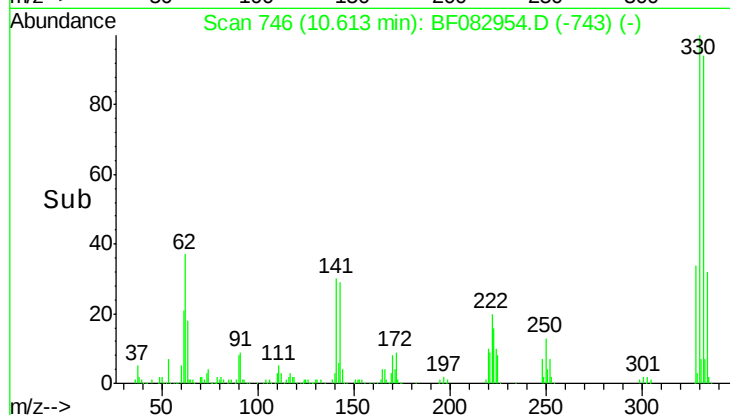




#66
 4-Bromophenyl-phenylether
 Concen: 2.47 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

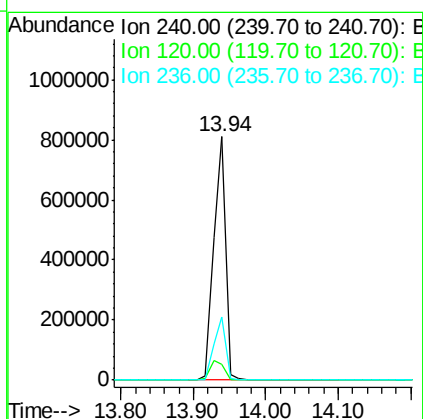
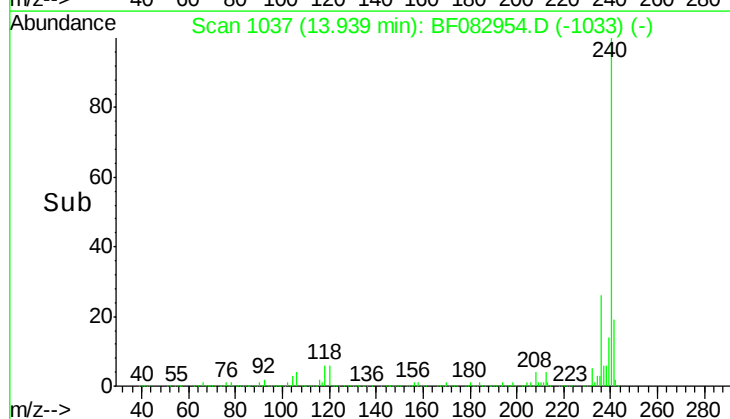
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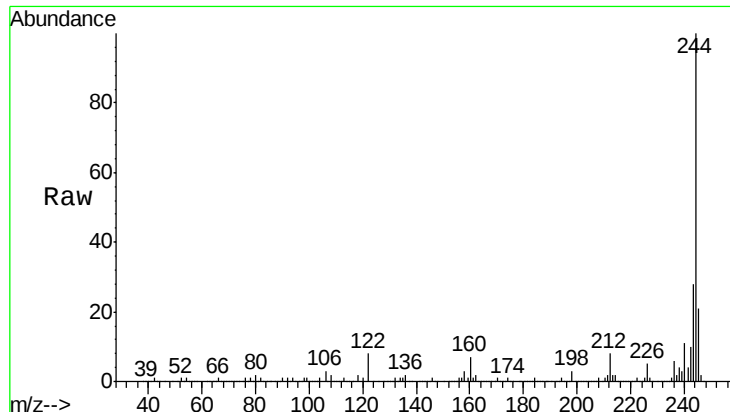
Tgt Ion:248 Resp: 26202
 Ion Ratio Lower Upper
 248 100
 250 200.4 79.4 119.2#
 141 449.2 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion:240 Resp: 914105
 Ion Ratio Lower Upper
 240 100
 120 6.5 10.9 16.3#
 236 25.9 21.6 32.4

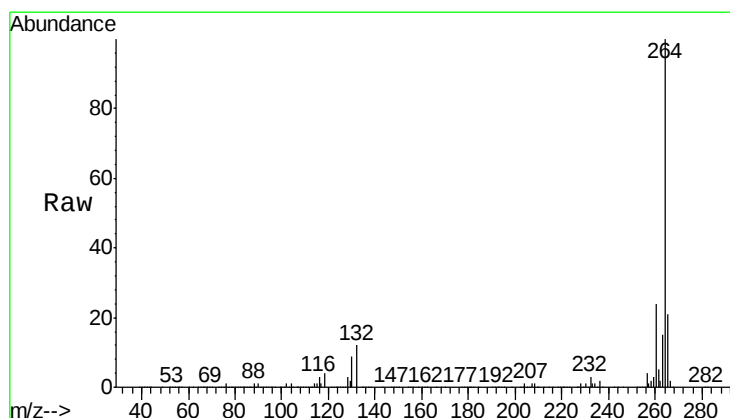
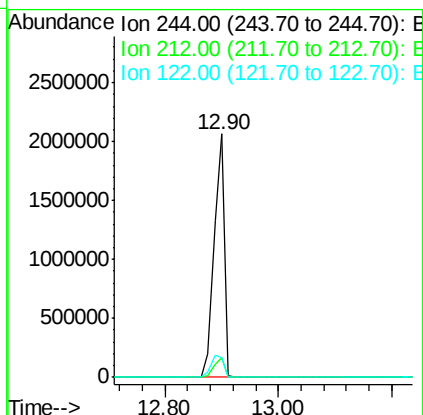
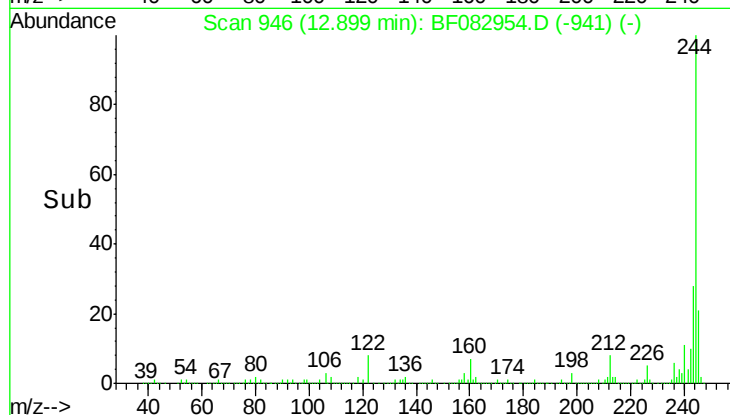




#78
 Terphenyl-d14
 Concen: 64.51 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082954.D
 Acq: 16 Nov 2015 22:53

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

Tgt Ion:244 Resp: 2486114
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.6 11.4
 122 8.1 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: BF082954.D
 Acq: 16 Nov 2015 22:53

Tgt Ion:264 Resp: 713051
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.1 17.4 26.0

