

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082942.D
 Acq On : 16 Nov 2015 17:03
 Operator : UM/IZ
 Sample : PB86660BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BL

Quant Time: Nov 17 00:06:04 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

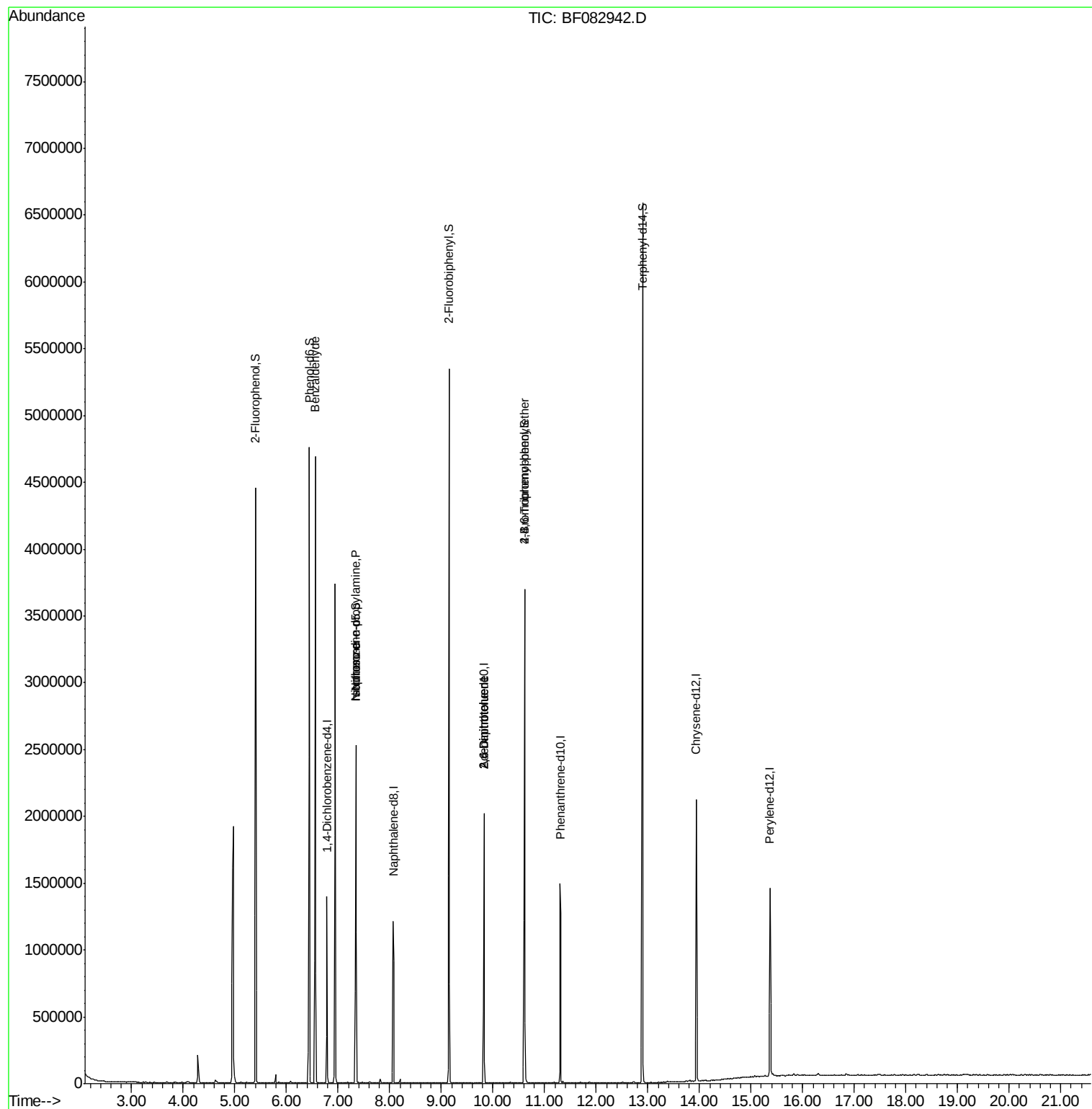
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	201092	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	726836	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	404306	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	793860	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	742473	20.00	ng	-0.08
86) Perylene-d12	15.37	264	666437	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1186542	91.81	ng	-0.05
7) Phenol-d6	6.44	99	1771774	103.12	ng	-0.03
23) Nitrobenzene-d5	7.34	82	1071397	64.14	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	416164	89.77	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1735502	61.52	ng	-0.07
78) Terphenyl-d14	12.90	244	2124933	67.88	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	31864	3.36	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.34	70	140014	11.09	ng	# 70
25) Isophorone	7.34	82	1068484	34.57	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	52679	7.45	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	52670	5.49	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	28173	2.95	ng	# 1

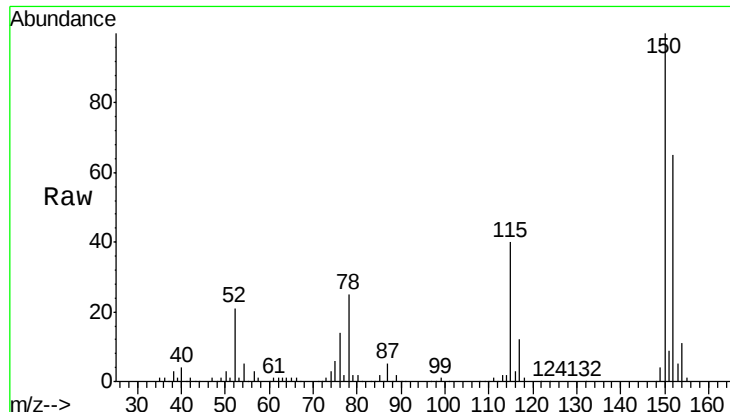
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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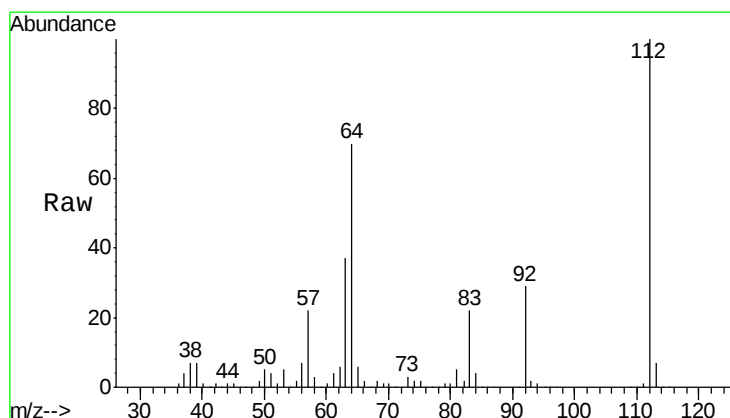
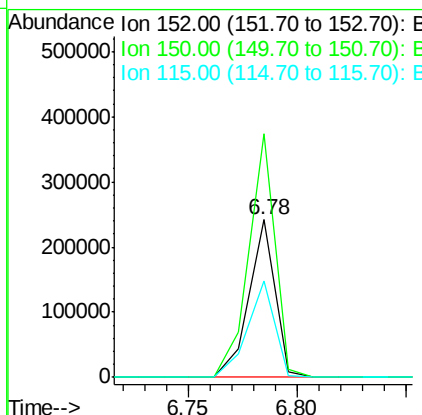
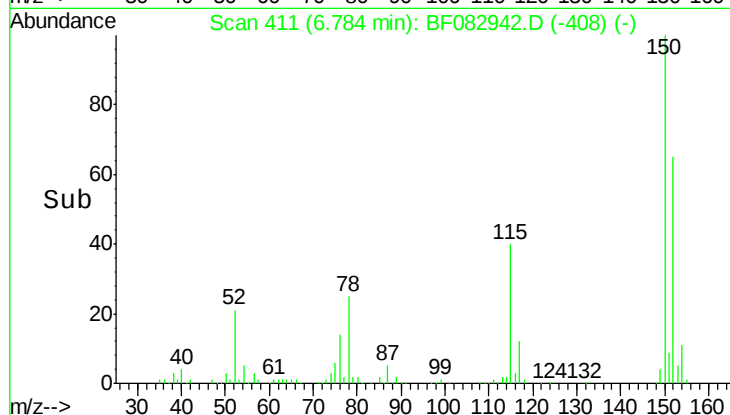




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

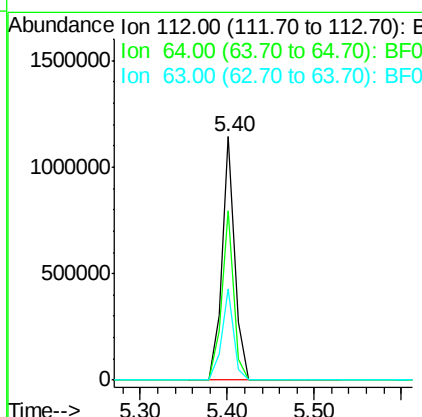
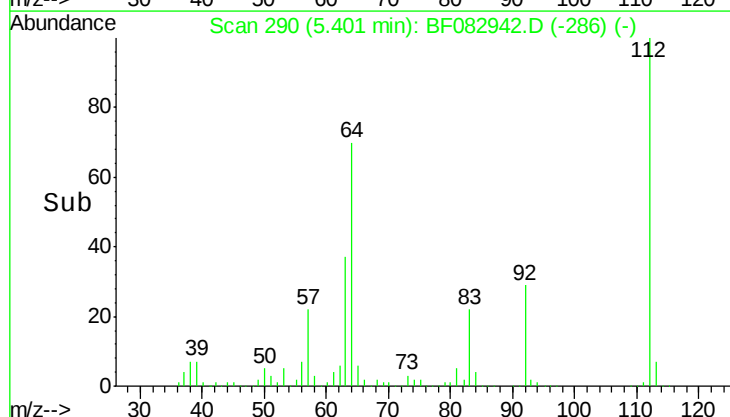
Instrument :
 BNA_F
 ClientSampleId :
 PB86660BL

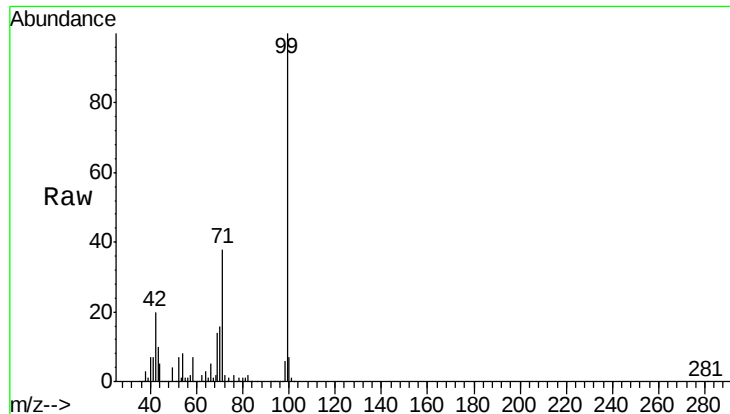
Tgt Ion:152 Resp: 201092
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.0 190.4
 115 61.1 47.0 70.6



#5
 2-Fluorophenol
 Concen: 91.81 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.05 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Tgt Ion:112 Resp: 1186542
 Ion Ratio Lower Upper
 112 100
 64 69.8 48.9 73.3
 63 37.3 28.1 42.1





#7

Phenol-d6

Concen: 103.12 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082942.D

Acq: 16 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86660BL

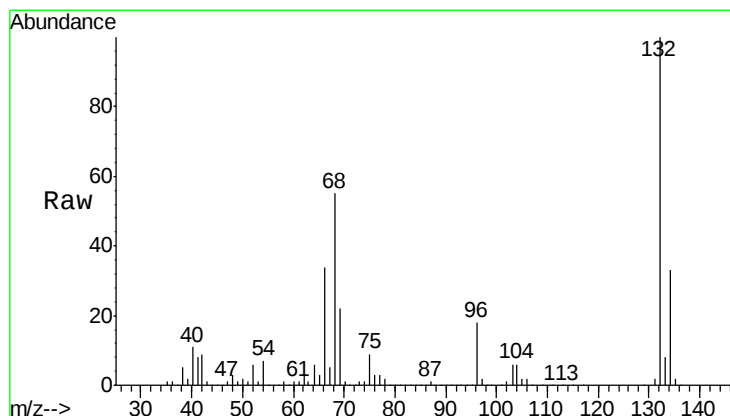
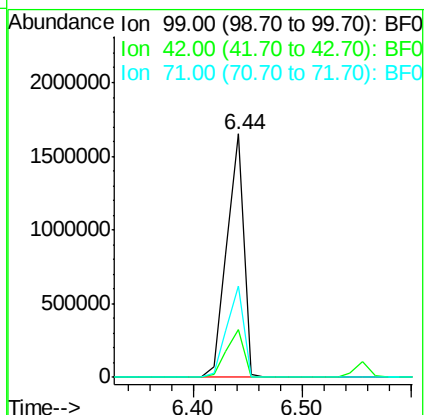
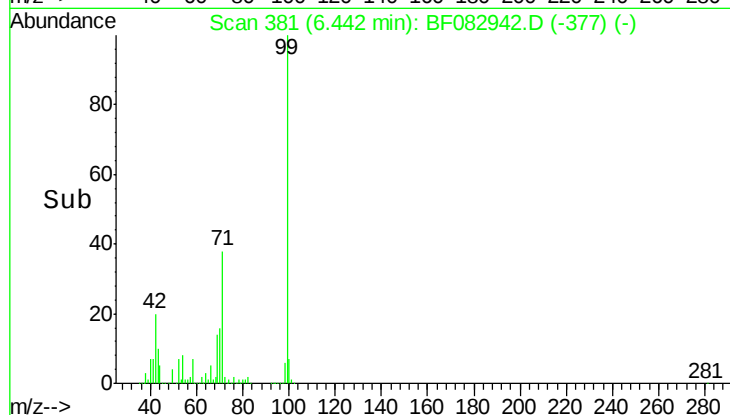
Tgt Ion: 99 Resp: 1771774

Ion Ratio Lower Upper

99 100

42 19.6 19.2 28.8

71 37.6 35.0 52.4



#9

Benzaldehyde

Concen: 3.36 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082942.D

Acq: 16 Nov 2015 17:03

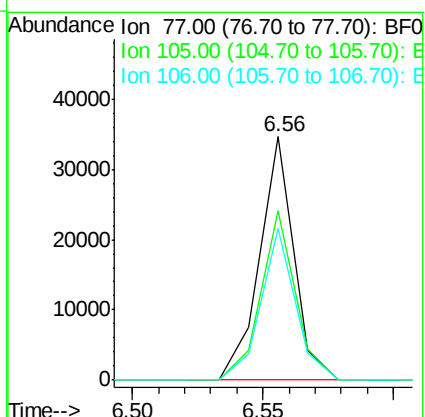
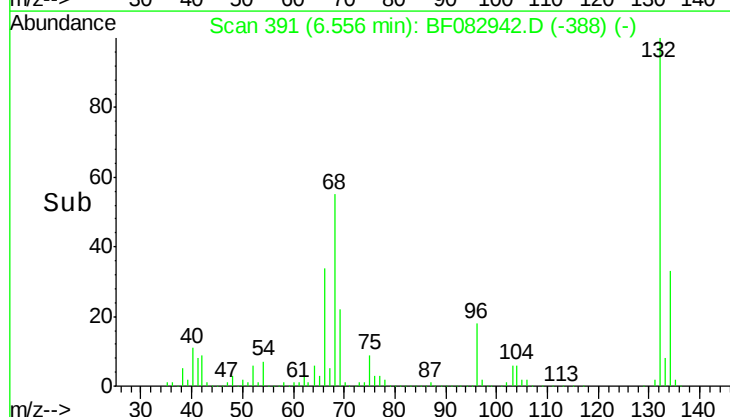
Tgt Ion: 77 Resp: 31864

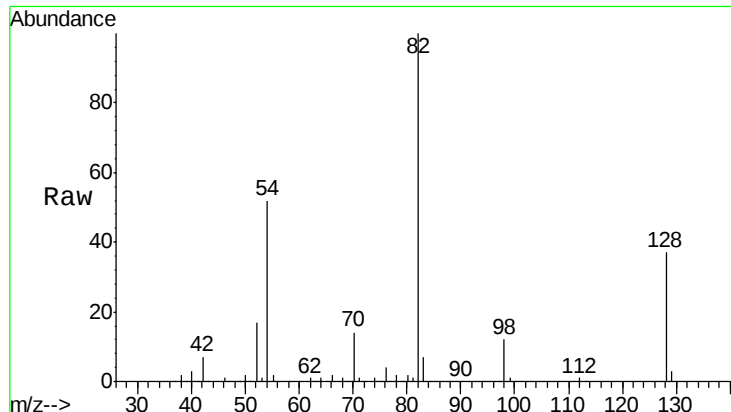
Ion Ratio Lower Upper

77 100

105 69.7 63.5 103.5

106 62.2 59.3 99.3

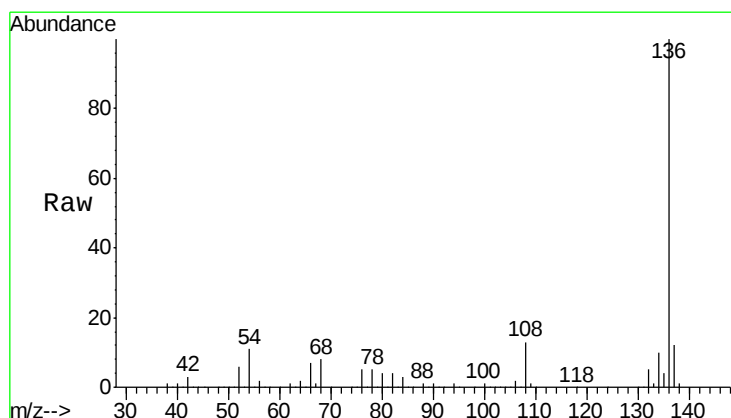
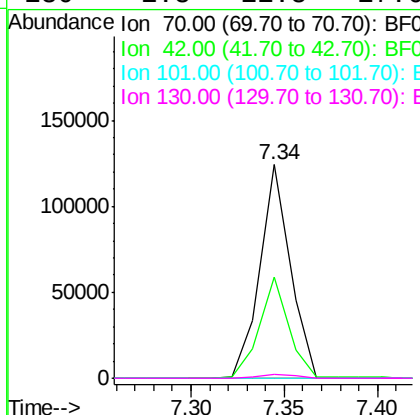
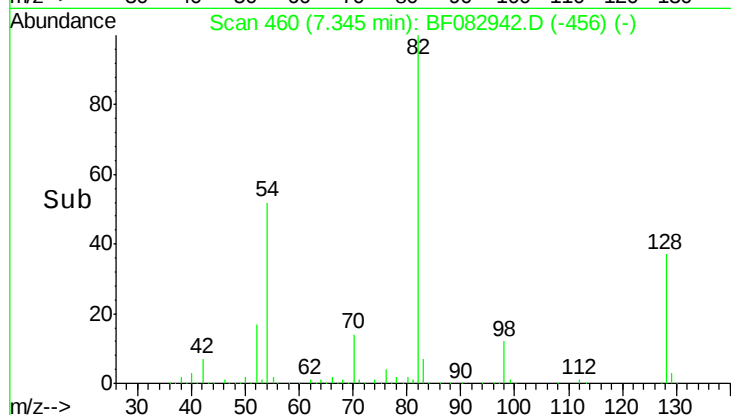




#19
 n-Nitroso-di-n-propylamine
 Concen: 11.09 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

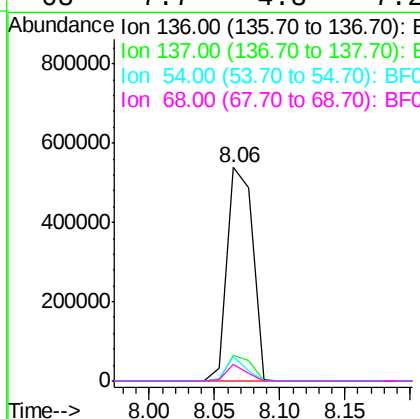
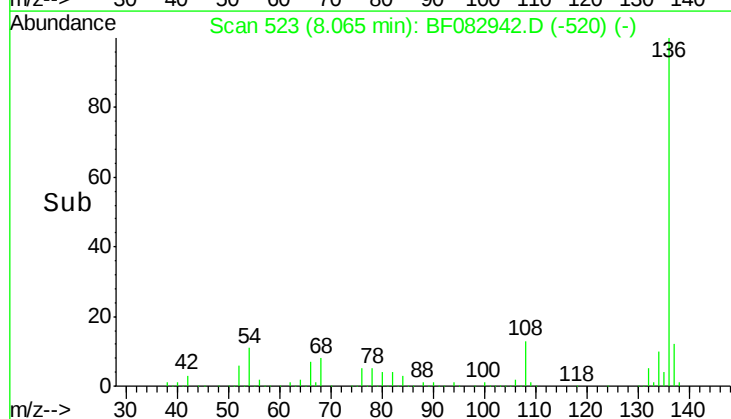
Instrument :
 BNA_F
 ClientSampleId :
 PB86660BL

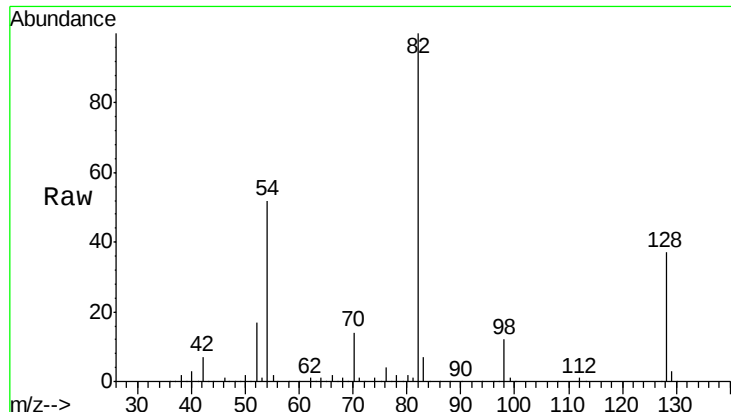
Tgt Ion:	70	Resp:	140014
Ion	Ratio	Lower	Upper
70	100		
42	47.3	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Tgt Ion:	136	Resp:	726836
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	11.4	9.1	13.7
68	7.7	4.8	7.2#



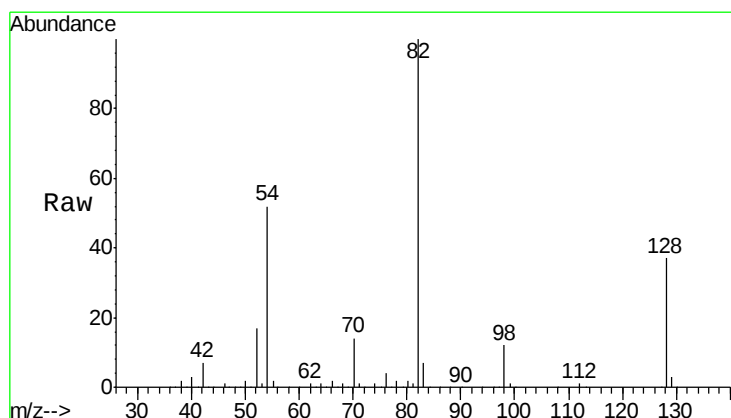
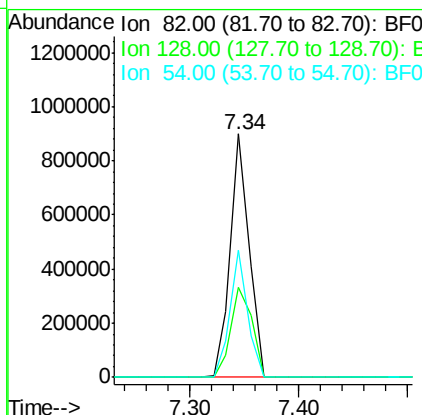
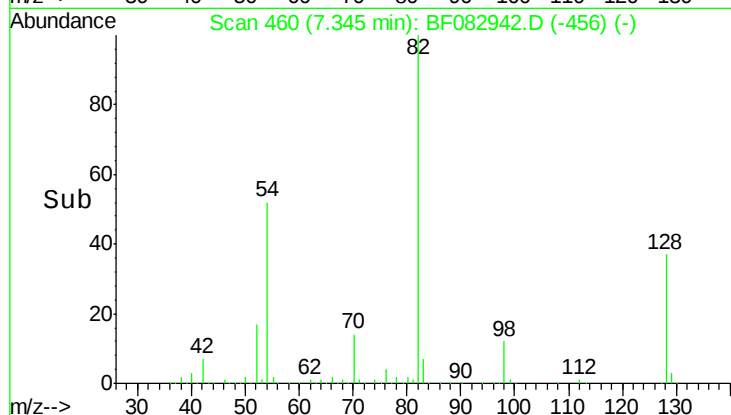


#23
 Nitrobenzene-d5
 Concen: 64.14 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BL

Tgt Ion: 82 Resp: 1071397

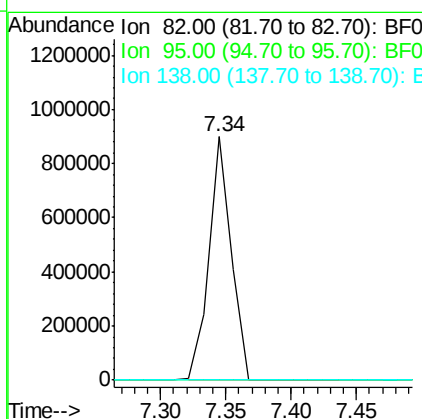
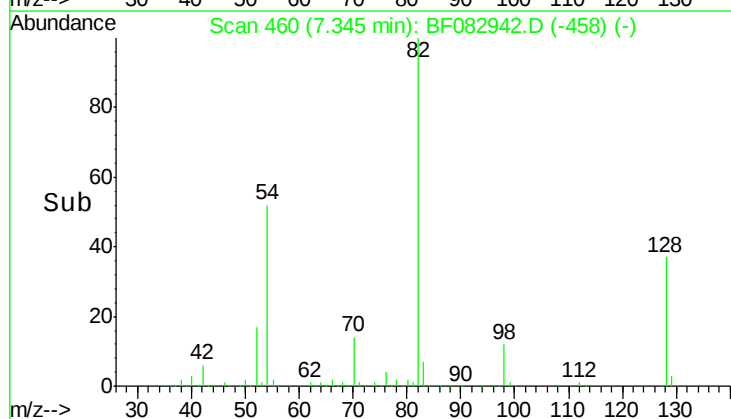
Ion	Ratio	Lower	Upper
82	100		
128	36.7	26.8	40.2
54	52.1	45.7	68.5

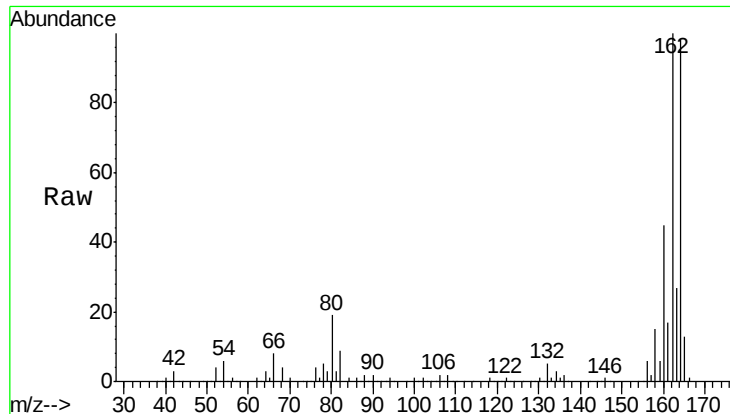


#25
 Isophorone
 Concen: 34.57 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Tgt Ion: 82 Resp: 1068484

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

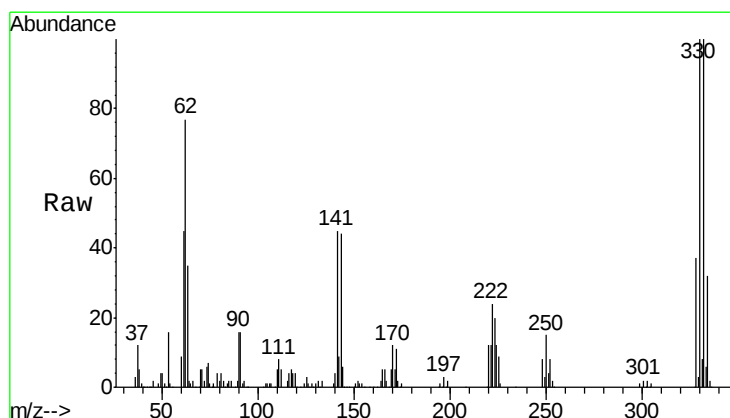
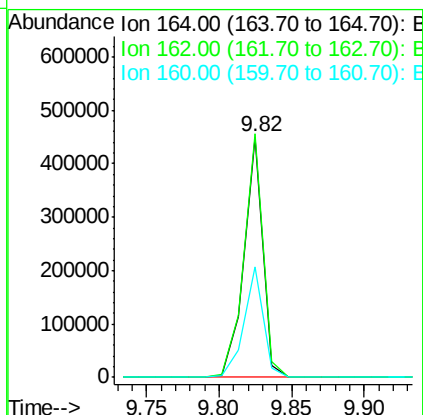
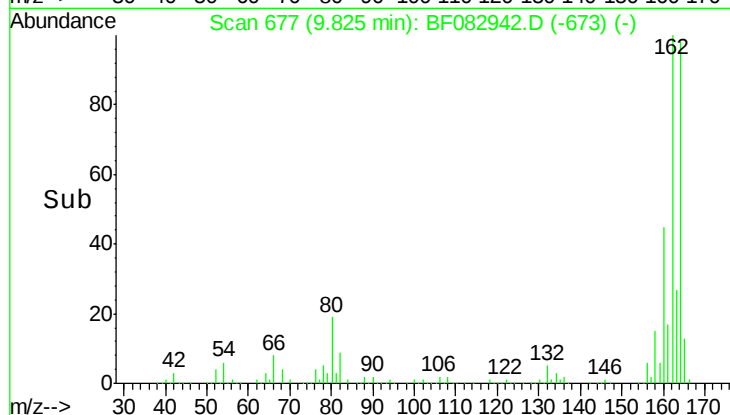




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

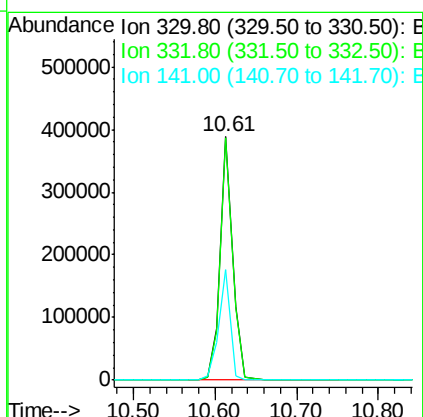
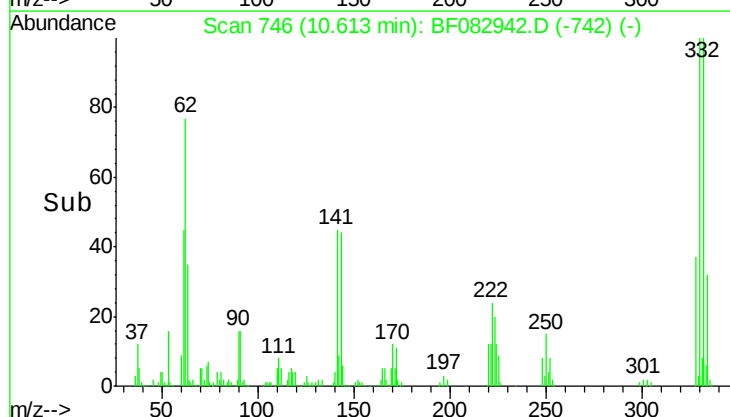
Instrument :
 BNA_F
 ClientSampleId :
 PB8660BL

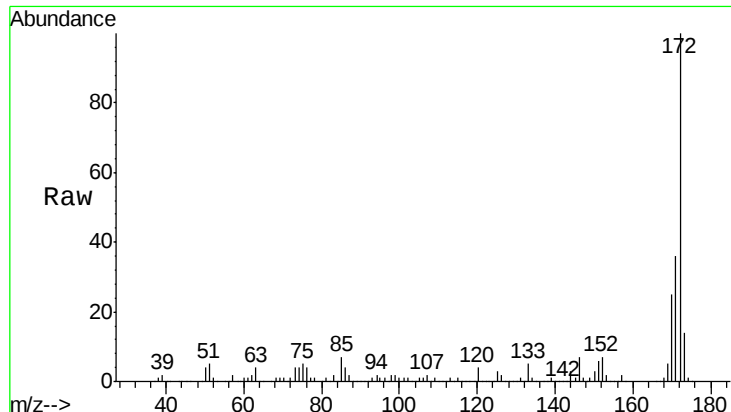
Tgt Ion:164 Resp: 404306
 Ion Ratio Lower Upper
 164 100
 162 101.6 84.9 127.3
 160 46.0 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 89.77 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Tgt Ion:330 Resp: 416164
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 41.8 41.2 61.8



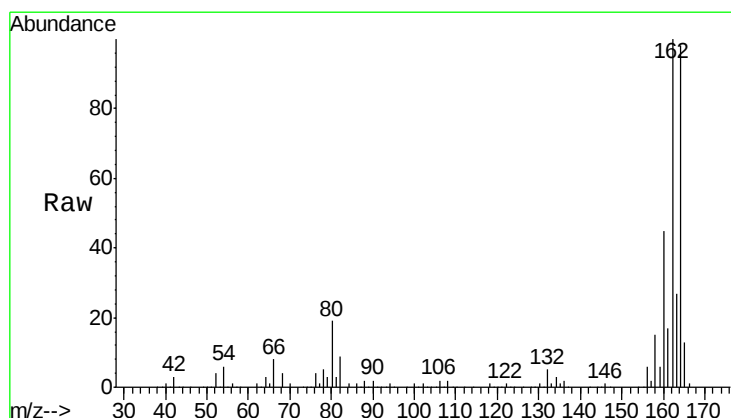
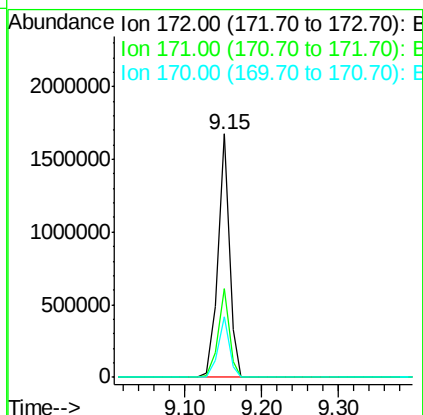
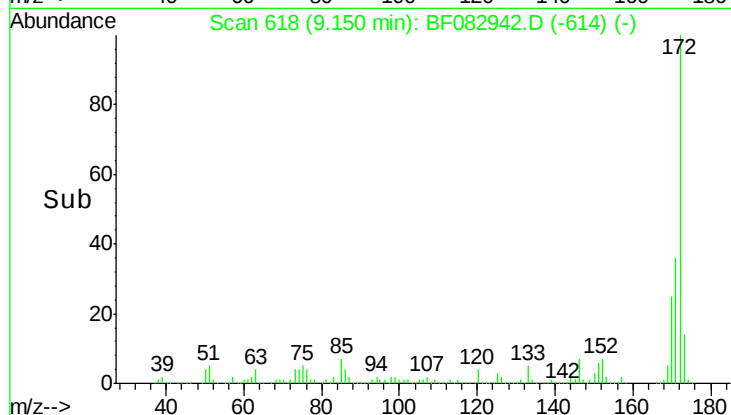


#44
 2-Fluorobiphenyl
 Concen: 61.52 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BL

Tgt Ion:172 Resp: 1735502

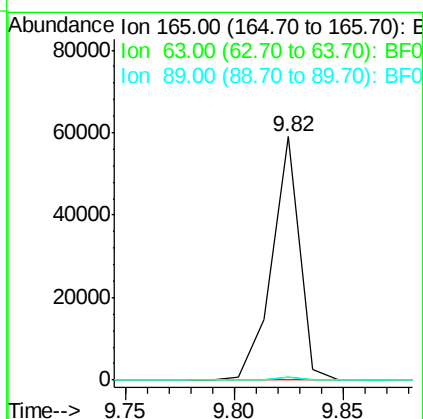
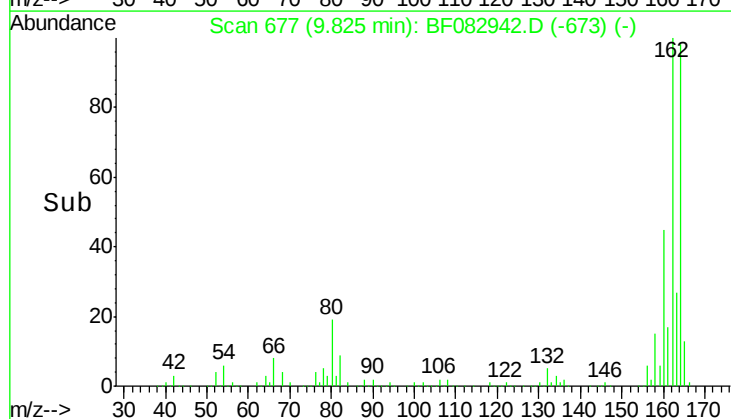
Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	25.1	21.2	31.8

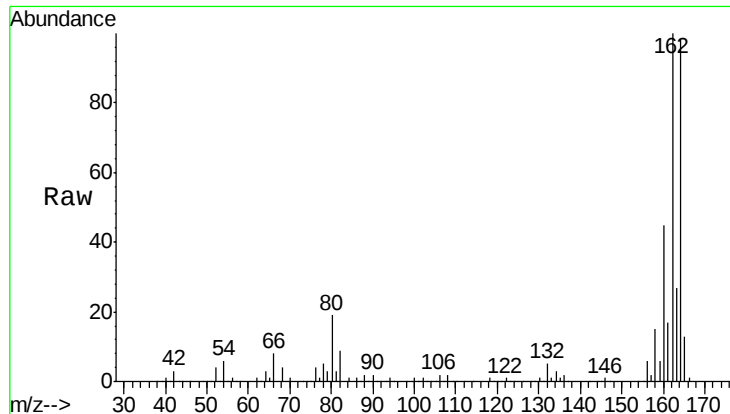


#50
 2,6-Dinitrotoluene
 Concen: 7.45 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Tgt Ion:165 Resp: 52679

Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.5	83.3#
89	1.5	55.0	82.6#

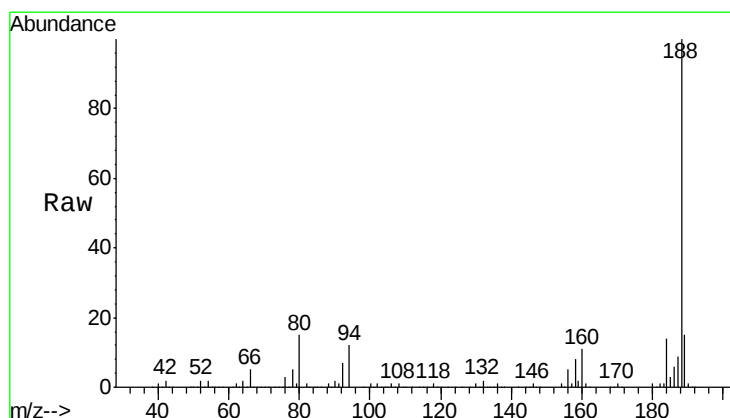
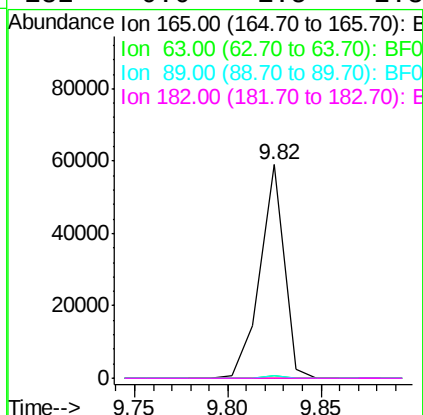
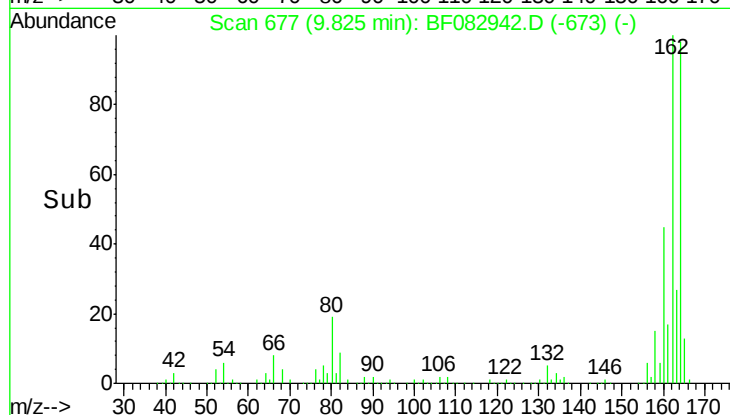




#56
 2,4-Dinitrotoluene
 Concen: 5.49 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

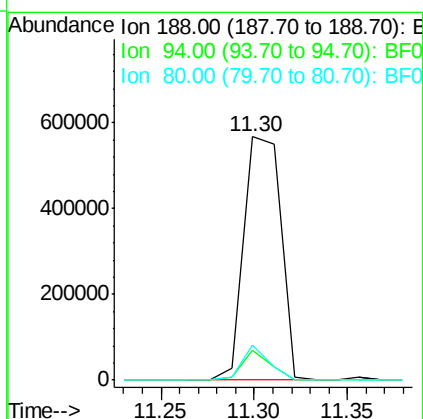
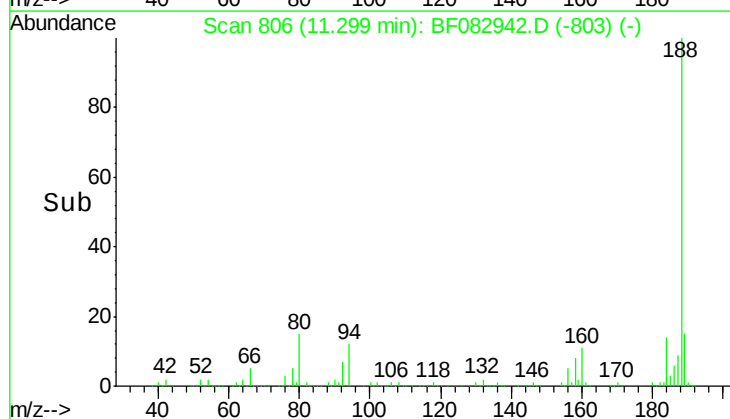
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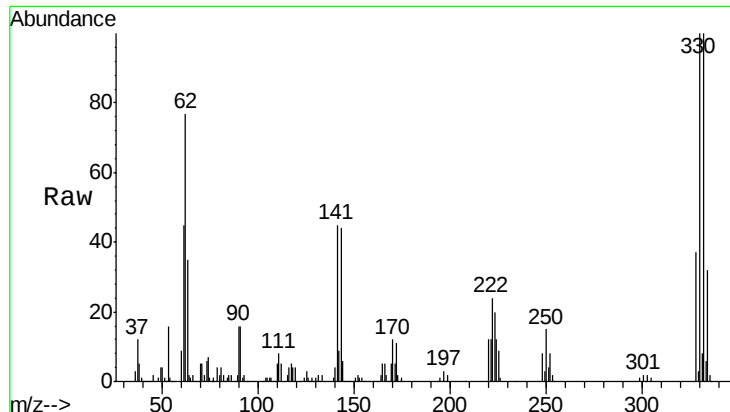
Tgt Ion:165 Resp: 52670
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.4 65.0#
 89 1.5 70.6 106.0#
 182 0.0 1.5 2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Tgt Ion:188 Resp: 793860
 Ion Ratio Lower Upper
 188 100
 94 12.0 6.1 9.1#
 80 14.6 7.0 10.6#

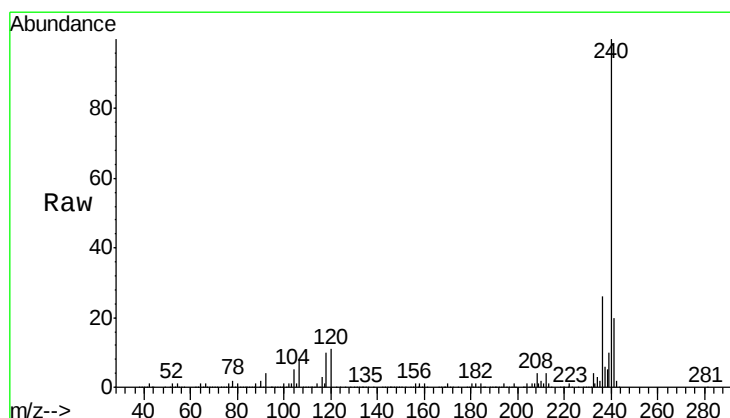
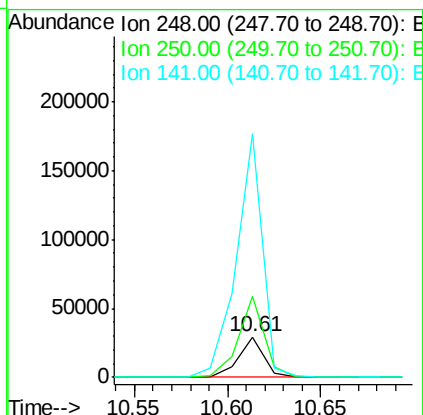
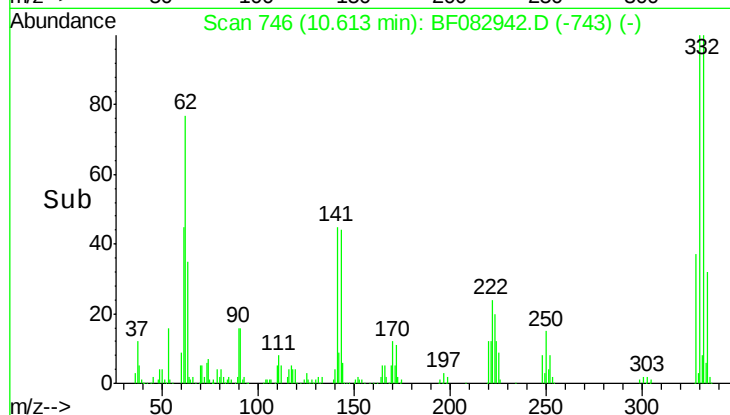




#66
 4-Bromophenyl-phenylether
 Concen: 2.95 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

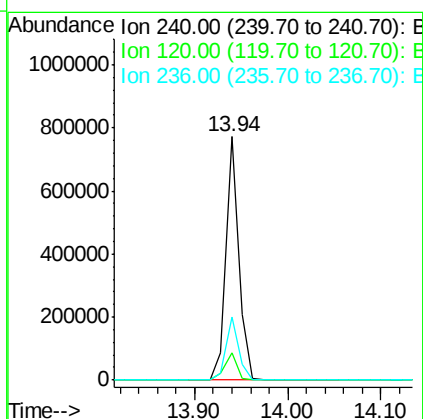
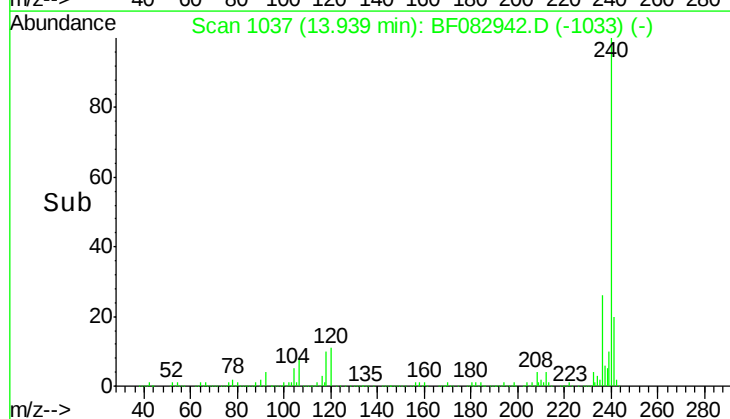
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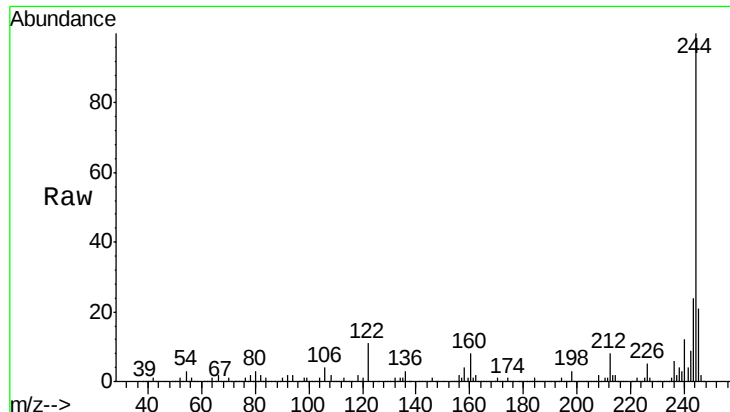
Tgt Ion:248 Resp: 28173
 Ion Ratio Lower Upper
 248 100
 250 201.5 79.4 119.2#
 141 603.8 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Tgt Ion:240 Resp: 742473
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.9 16.3
 236 26.2 21.6 32.4

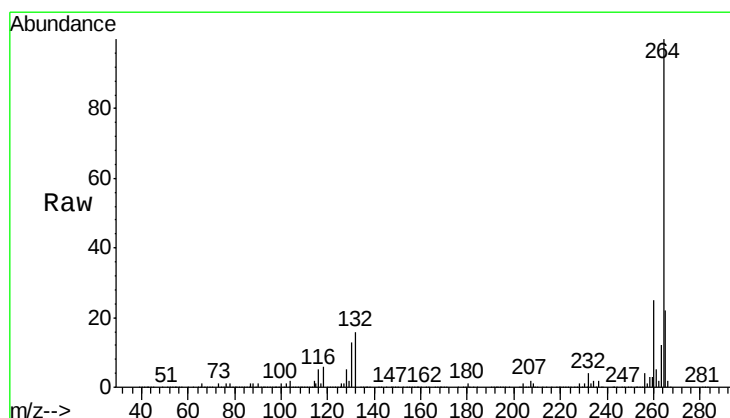
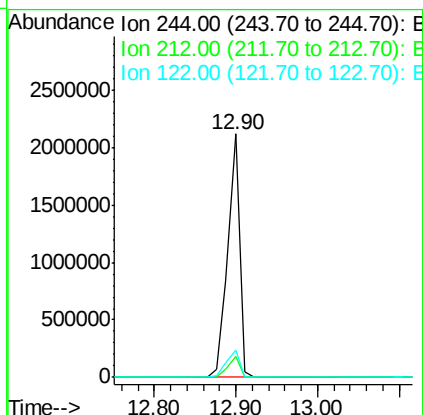
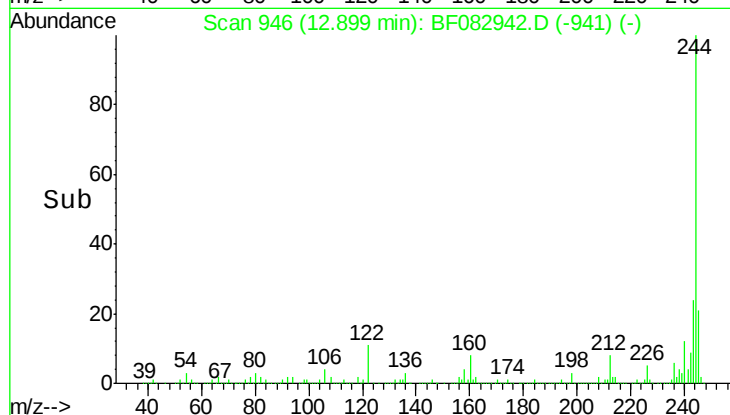




#78
 Terphenyl-d14
 Concen: 67.88 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86660BL

Tgt Ion:244 Resp: 2124933
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 11.1 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.09 min
 Lab File: BF082942.D
 Acq: 16 Nov 2015 17:03

Tgt Ion:264 Resp: 666437
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 22.2 17.4 26.0

