

Data Path : Z:\HPCHEM1\BNA F\Data\BF111015\
 Data File : BF082870.D
 Acq On : 10 Nov 2015 15:12
 Operator : UM/IZ
 Sample : G4325-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 16:11:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 16:08:48 2015
 Response via : Initial Calibration

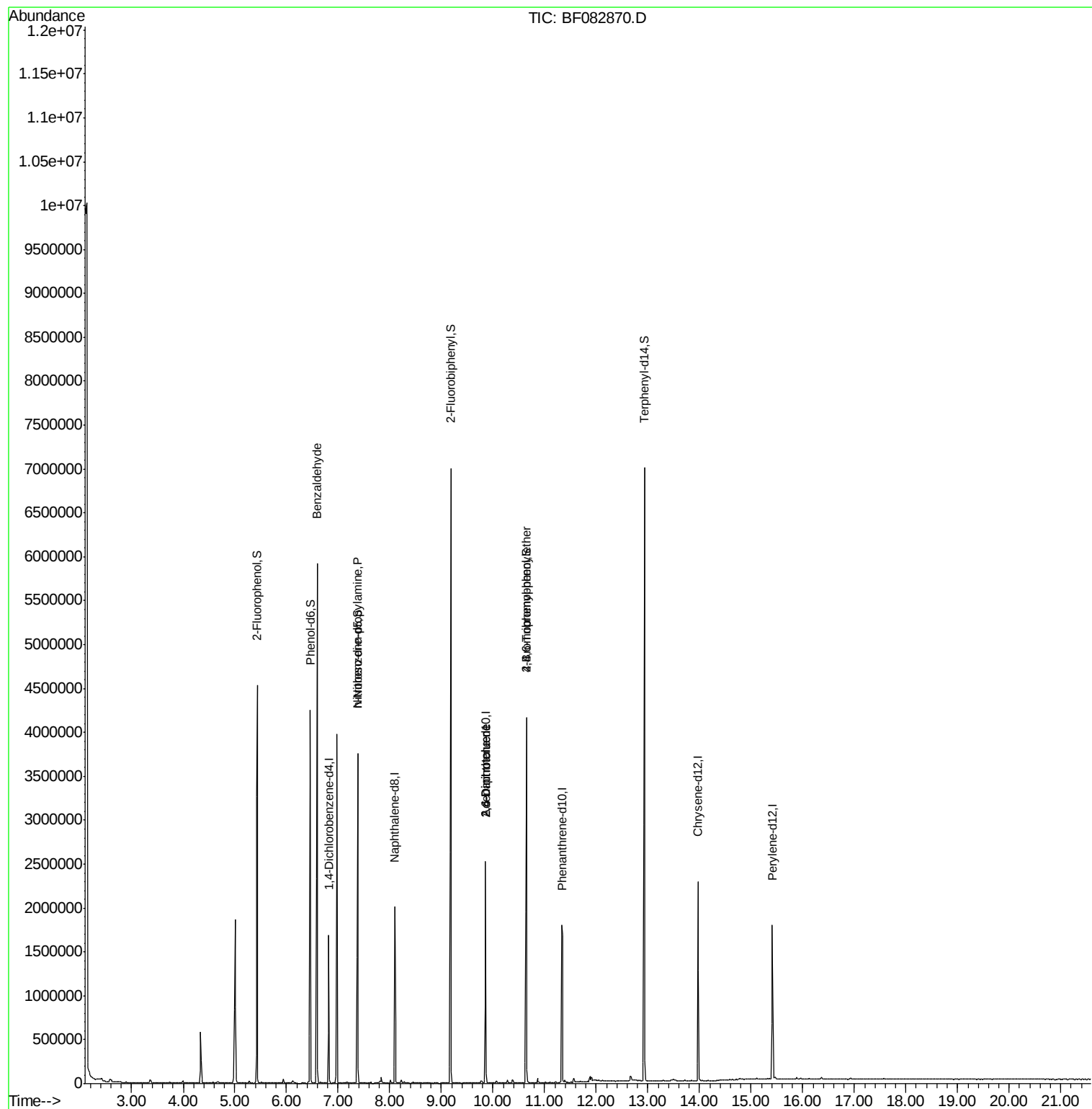
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	258026	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	936023	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	529737	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	974537	20.00	ng	0.00
75) Chrysene-d12	13.97	240	961232	20.00	ng	-0.01
86) Perylene-d12	15.41	264	749291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1552032	93.59	ng	0.02
7) Phenol-d6	6.46	99	2041654	92.61	ng	0.00
23) Nitrobenzene-d5	7.38	82	1302549	60.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	494782	81.46	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2158141	58.39	ng	0.00
78) Terphenyl-d14	12.93	244	2232075	55.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	42619	3.50	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.38	70	181054	11.17	ng	# 70
50) 2,6-Dinitrotoluene	9.86	165	68247	7.37	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	68247	5.43	ng	# 15
66) 4-Bromophenyl-phenylether	10.65	248	35623	3.04	ng	# 1

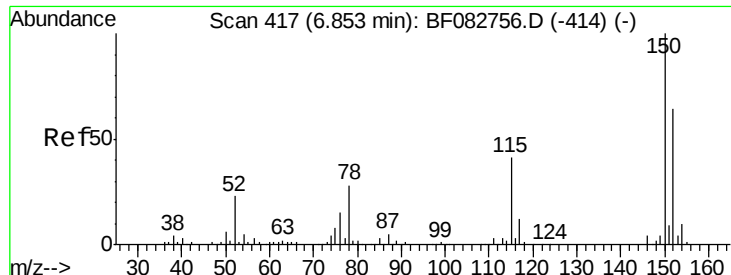
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF111015\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
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QLast Update : Tue Nov 10 16:08:48 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

Instrument :

BNA_F

ClientSampleId :

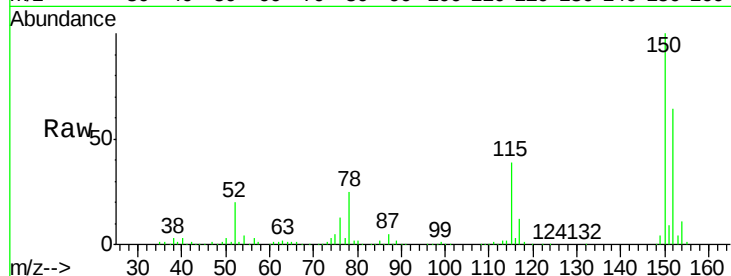
Tot Ion:152 Resp: 258026

Ion Ratio Lower Upper

152 100

150 156.0 127.0 190.4

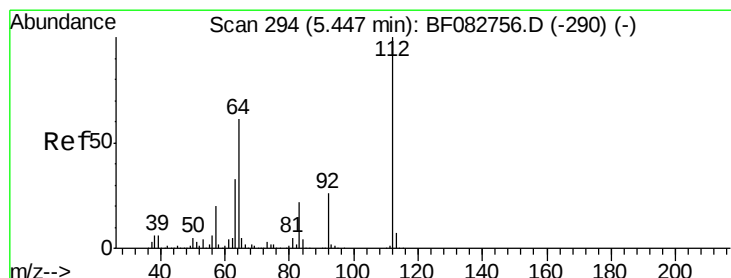
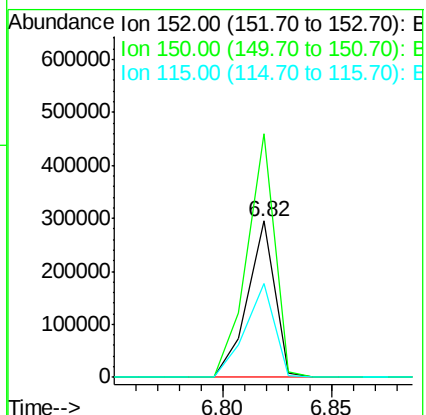
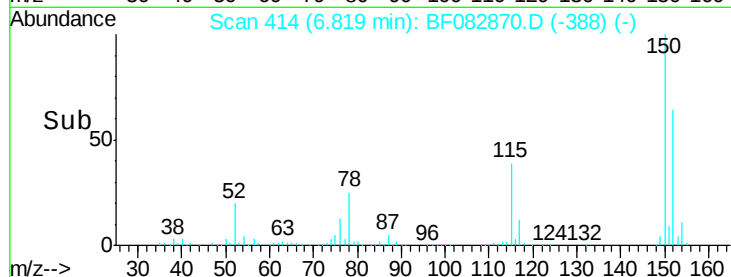
115 60.4 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 93.59 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

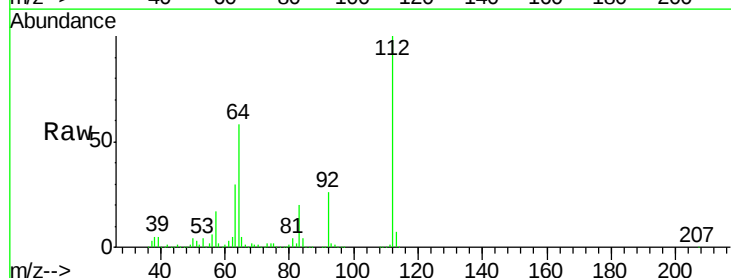
Tgt Ion:112 Resp: 1552032

Ion Ratio Lower Upper

112 100

64 57.6 48.9 73.3

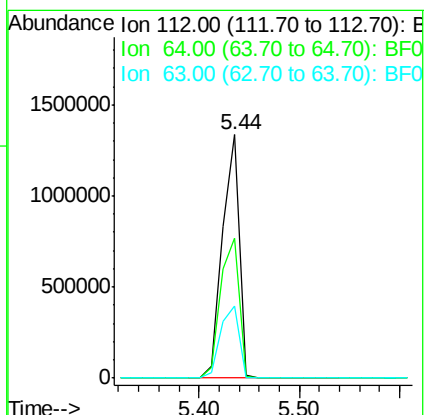
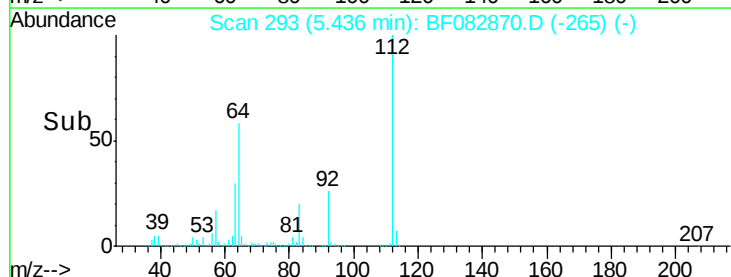
63 29.7 28.1 42.1

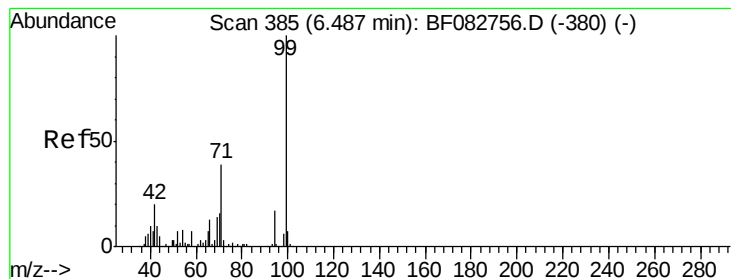


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.61 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

Instrument :

BNA_F

ClientSampleId :

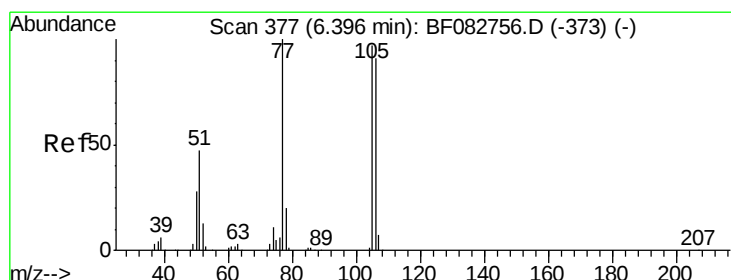
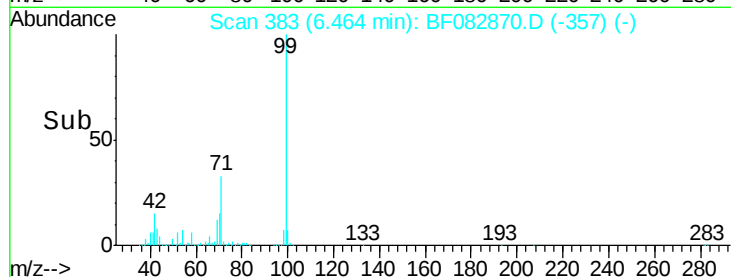
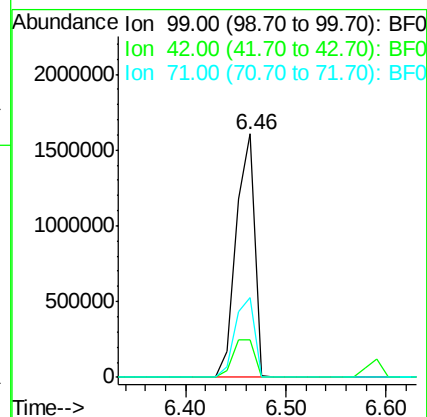
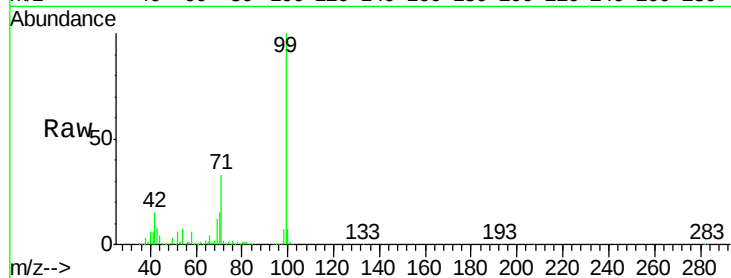
Tot Ion: 99 Resp: 2041654

Ion Ratio Lower Upper

99 100

42 15.3 19.2 28.8#

71 32.8 35.0 52.4#



#9

Benzaldehyde

Concen: 3.50 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.23 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

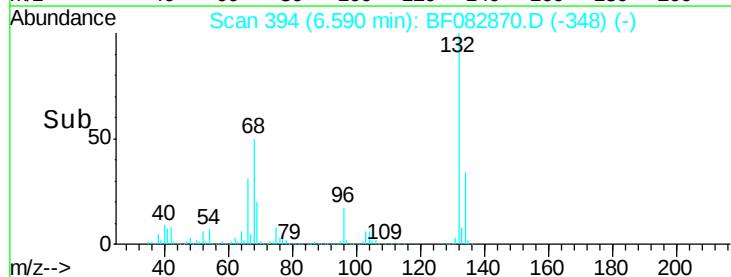
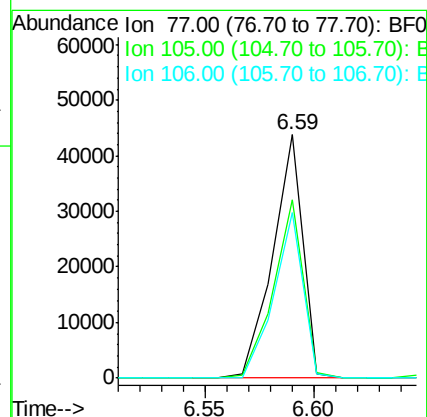
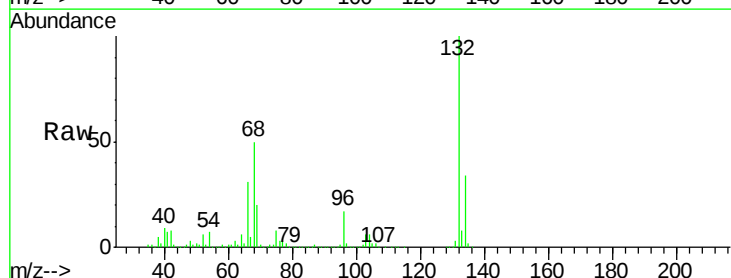
Tgt Ion: 77 Resp: 42619

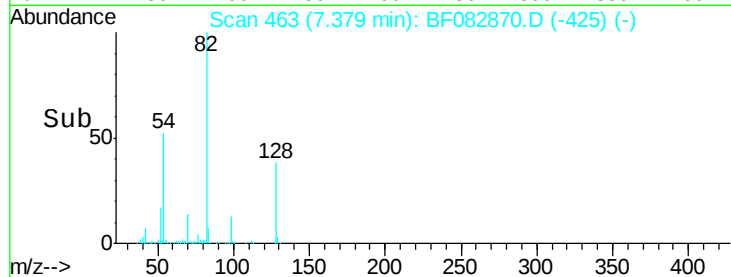
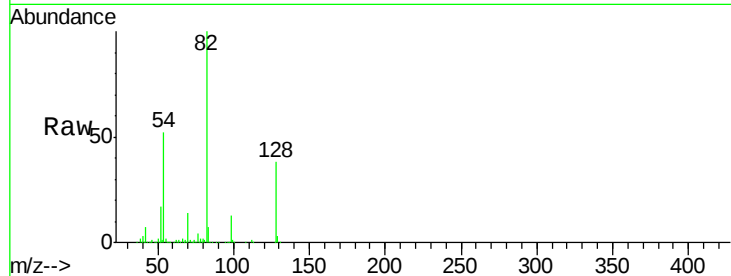
Ion Ratio Lower Upper

77 100

105 73.2 63.5 103.5

106 68.0 59.3 99.3

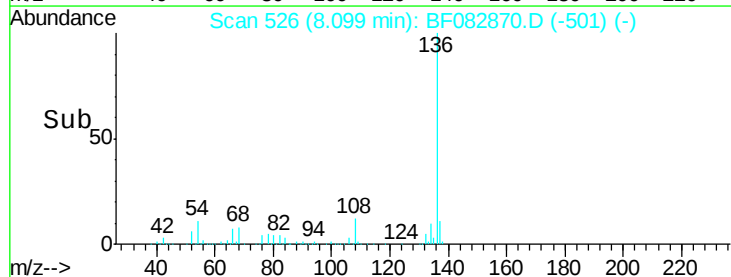
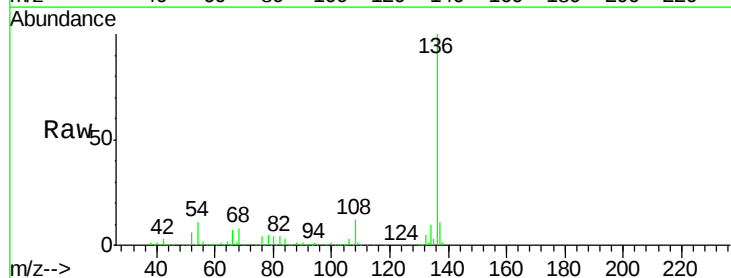
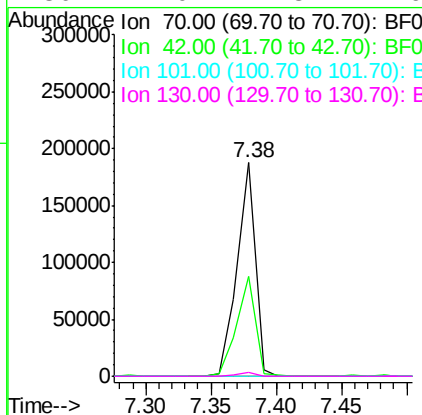




#19
n-Nitroso-di-n-propylamine
Concen: 11.17 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF082870.D
Acq: 10 Nov 2015 15:12

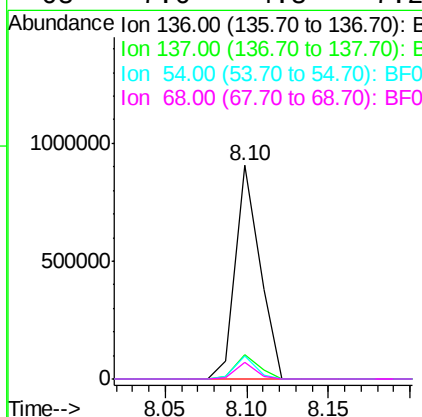
Instrument :
BNA_F
ClientSampleId :

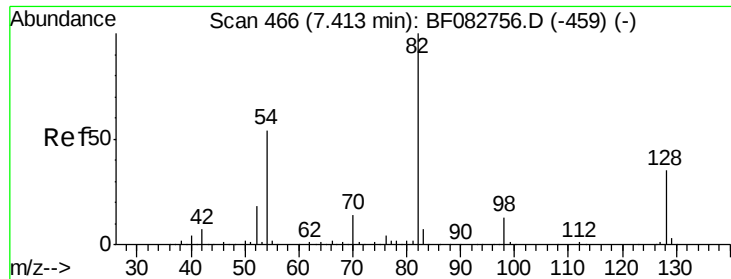
Tot Ion:	70	Resp:	181054
Ion	Ratio	Lower	Upper
70	100		
42	47.0	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF082870.D
Acq: 10 Nov 2015 15:12

Tgt Ion:	136	Resp:	936023
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.8	9.1	13.7
68	7.6	4.8	7.2#

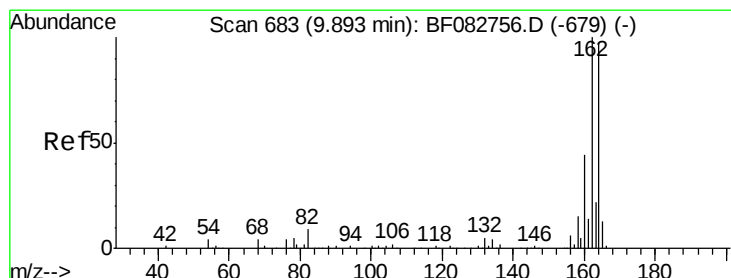
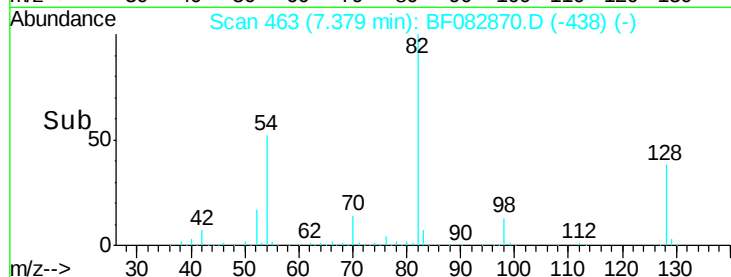
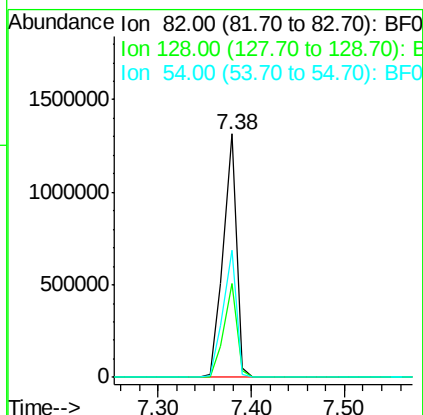
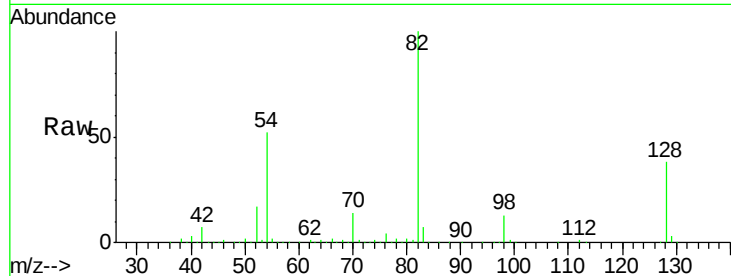




#23
 Nitrobenzene-d5
 Concen: 60.55 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF082870.D
 Acq: 10 Nov 2015 15:12

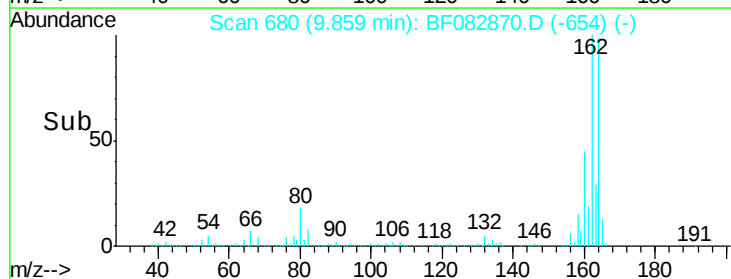
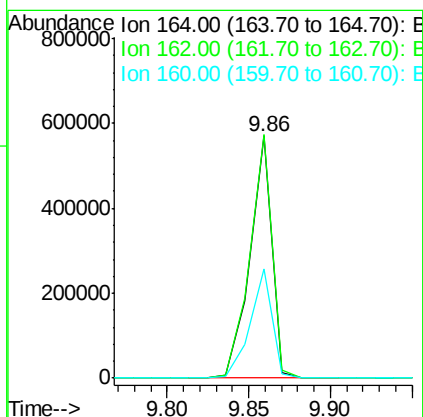
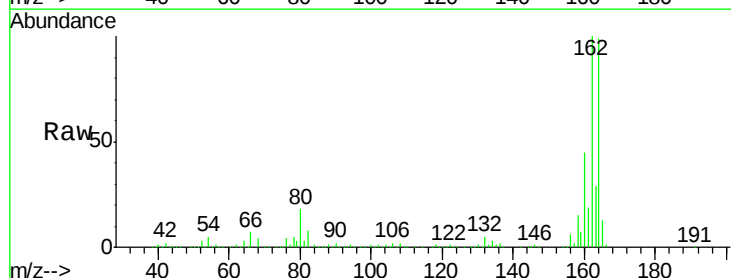
Instrument :
 BNA_F
 ClientSampleId :

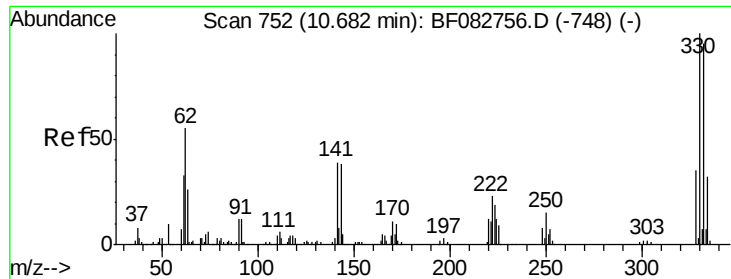
Tot Ion: 82 Resp: 1302549
 Ion Ratio Lower Upper
 82 100
 128 38.3 26.8 40.2
 54 52.3 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF082870.D
 Acq: 10 Nov 2015 15:12

Tgt Ion:164 Resp: 529737
 Ion Ratio Lower Upper
 164 100
 162 100.6 84.9 127.3
 160 44.9 37.5 56.3

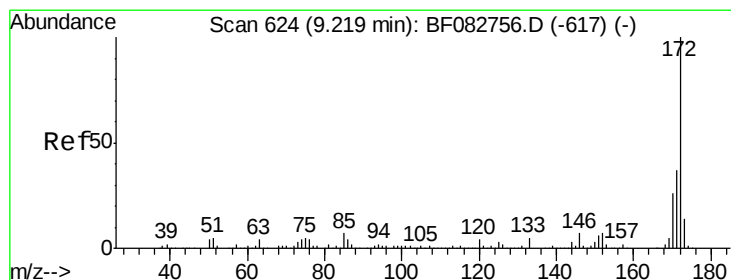
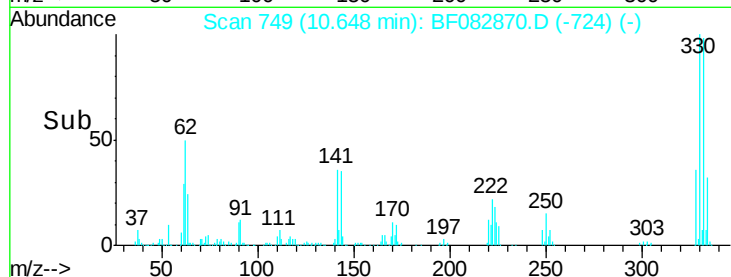
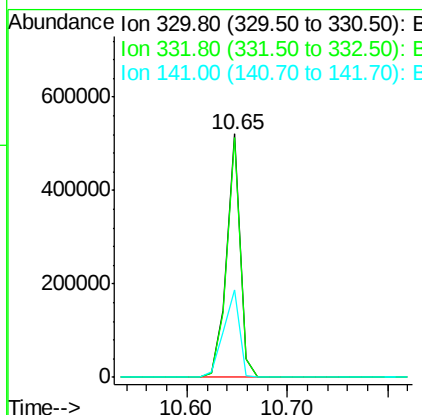
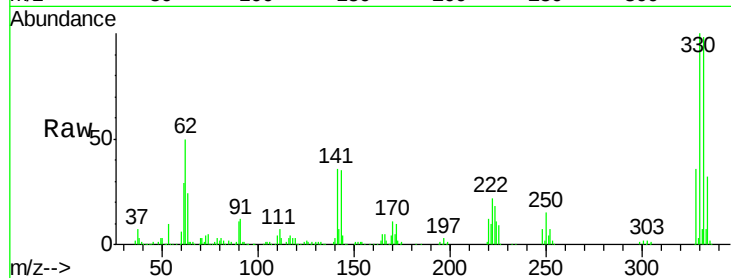




#41
 2,4,6-Tribromophenol
 Concen: 81.46 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF082870.D
 Acq: 10 Nov 2015 15:12

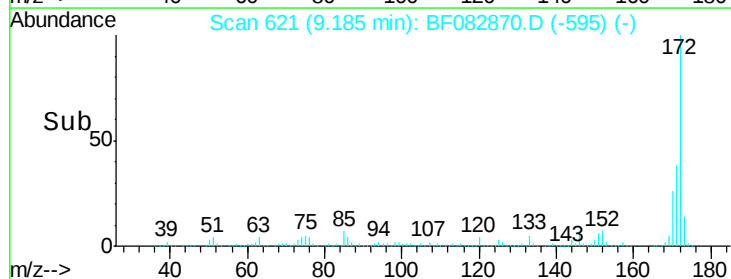
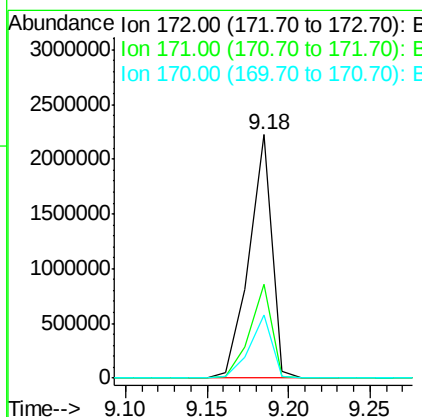
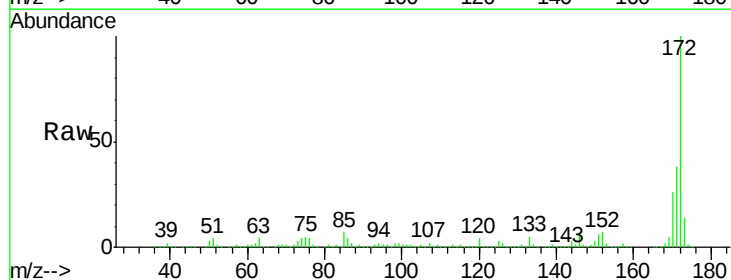
Instrument :
 BNA_F
 ClientSampleId :

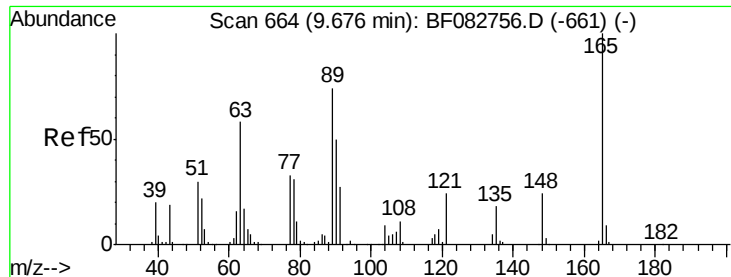
Tot Ion:330 Resp: 494782
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 41.5 41.2 61.8



#44
 2-Fluorobiphenyl
 Concen: 58.39 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082870.D
 Acq: 10 Nov 2015 15:12

Tgt Ion:172 Resp: 2158141
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 26.1 21.2 31.8

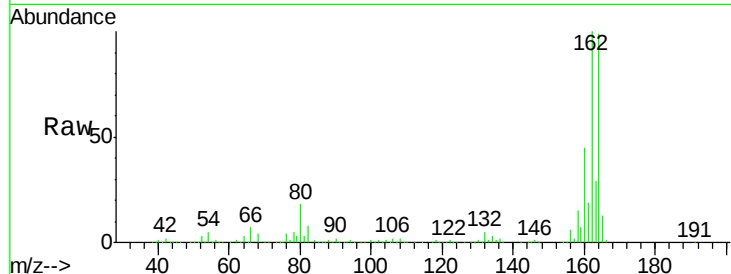




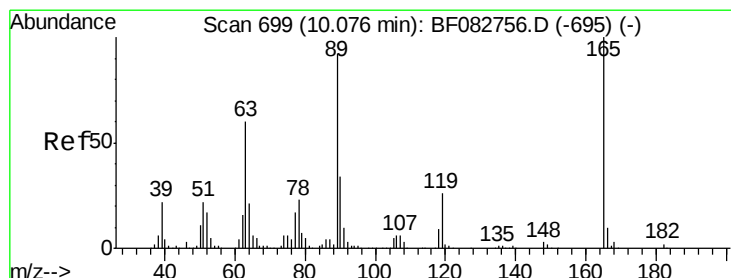
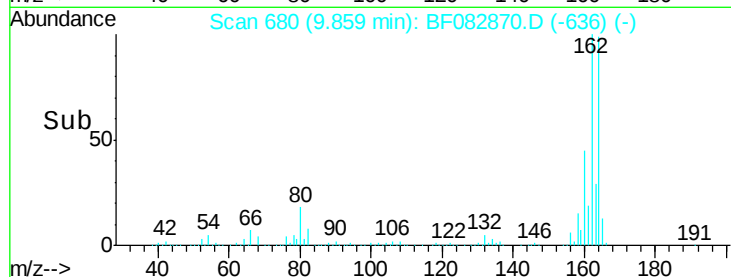
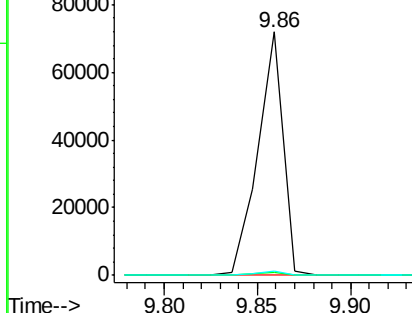
#50
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.21 min
Lab File: BF082870.D
Acq: 10 Nov 2015 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.5	83.3#
89	1.6	55.0	82.6#

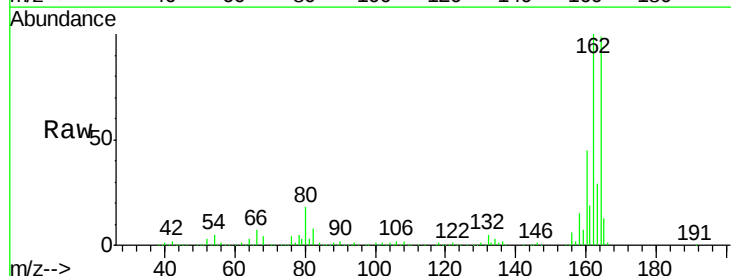


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

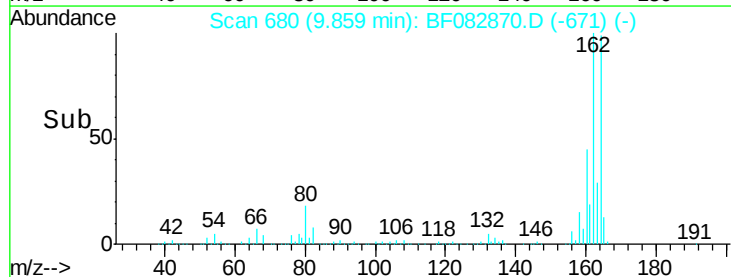
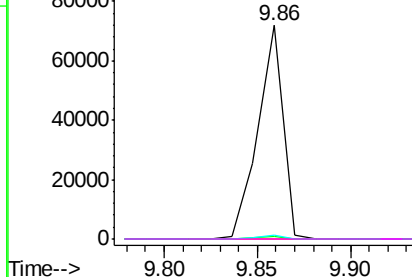


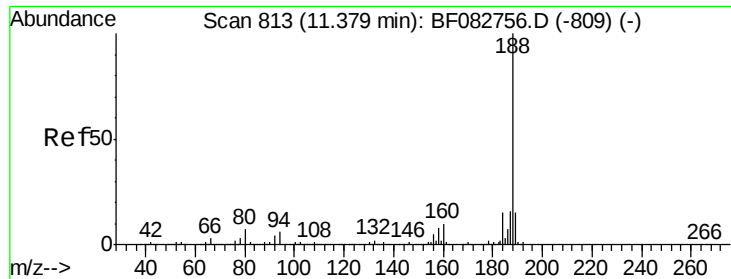
#56
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.19 min
Lab File: BF082870.D
Acq: 10 Nov 2015 15:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

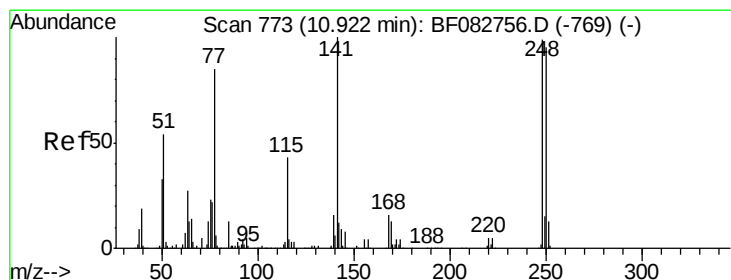
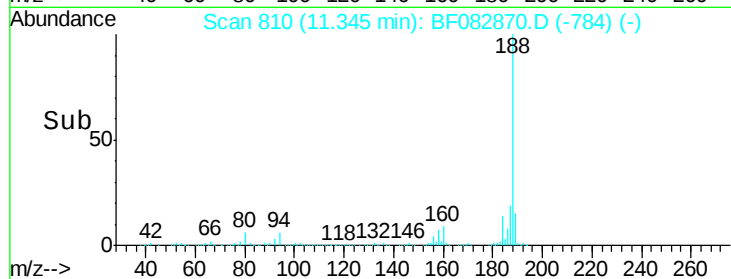
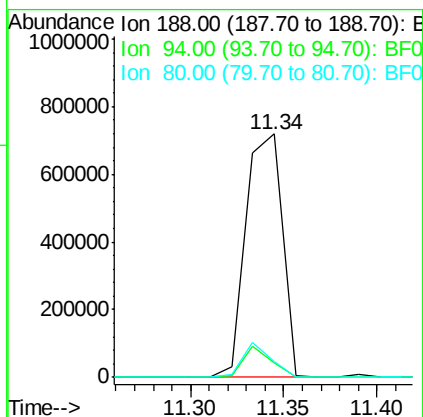
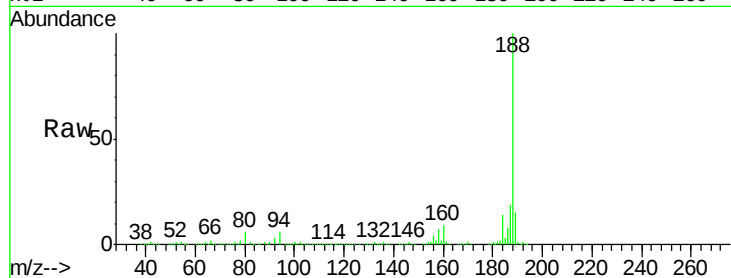




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082870.D
Acq: 10 Nov 2015 15:12

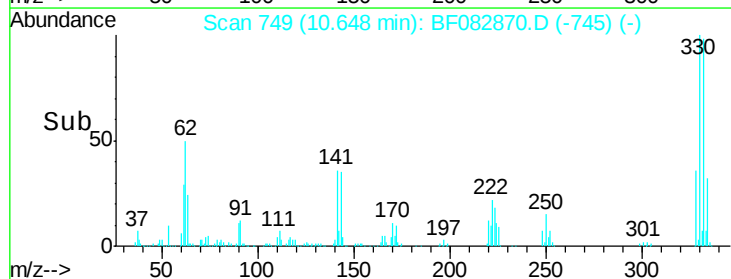
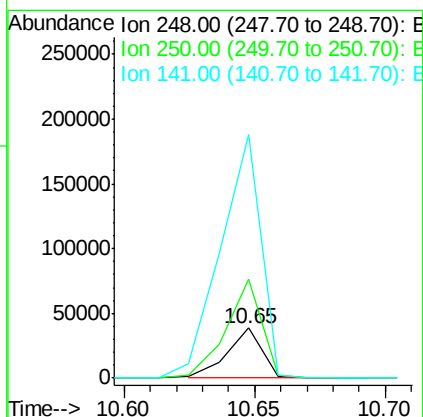
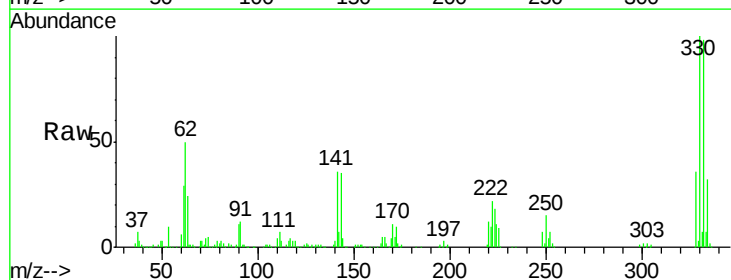
Instrument :
BNA_F
ClientSampleId :

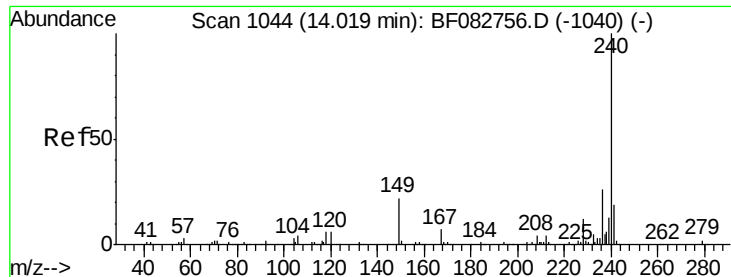
Tot Ion:188 Resp: 974537
Ion Ratio Lower Upper
188 100
94 6.2 6.1 9.1
80 6.3 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF082870.D
Acq: 10 Nov 2015 15:12

Tgt Ion:248 Resp: 35623
Ion Ratio Lower Upper
248 100
250 199.2 79.4 119.2#
141 489.6 36.3 54.5#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

Instrument :

BNA_F

ClientSampleId :

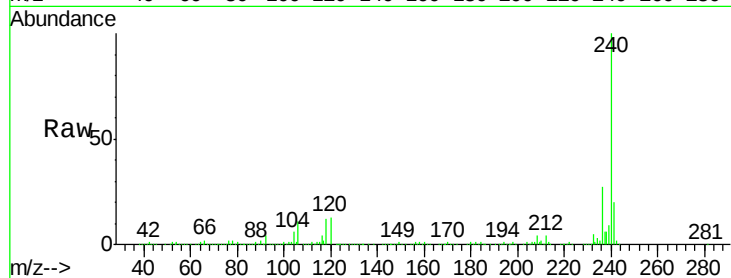
Tot Ion:240 Resp: 961232

Ion Ratio Lower Upper

240 100

120 13.1 10.9 16.3

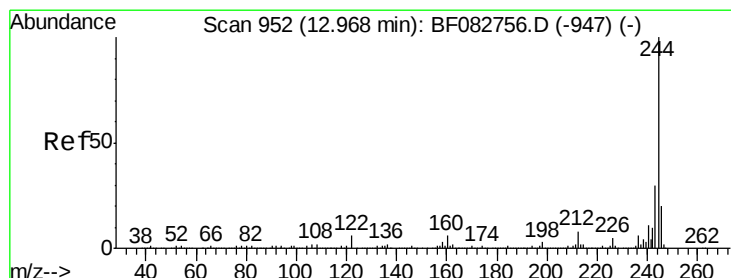
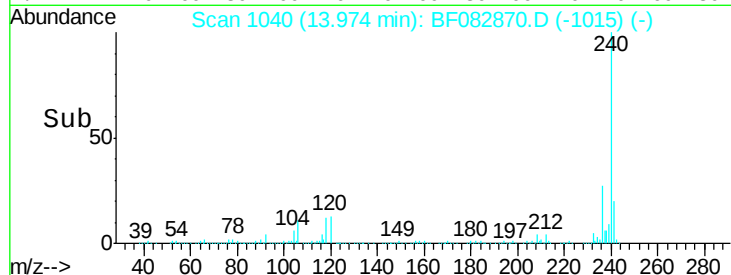
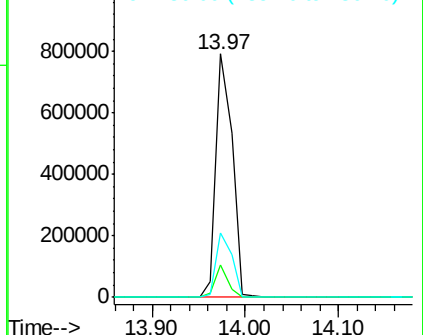
236 26.6 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 55.08 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082870.D

Acq: 10 Nov 2015 15:12

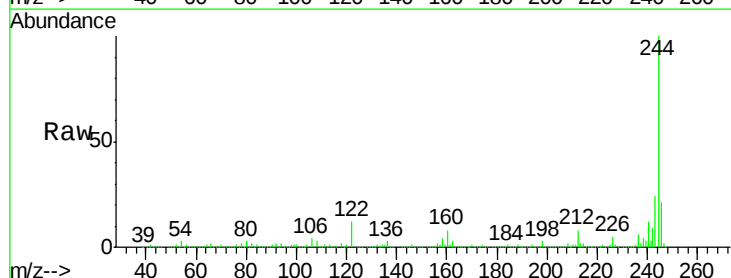
Tgt Ion:244 Resp: 2232075

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

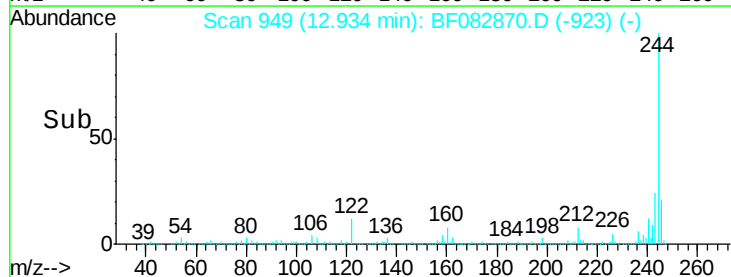
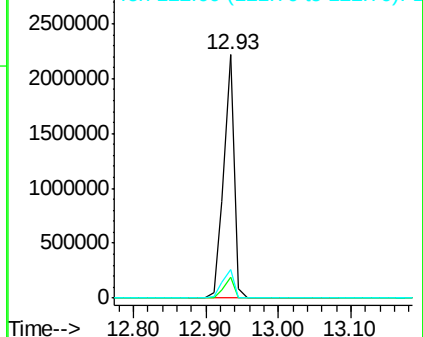
122 12.0 11.3 16.9

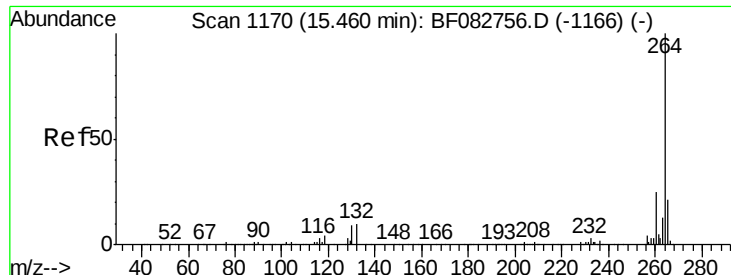


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

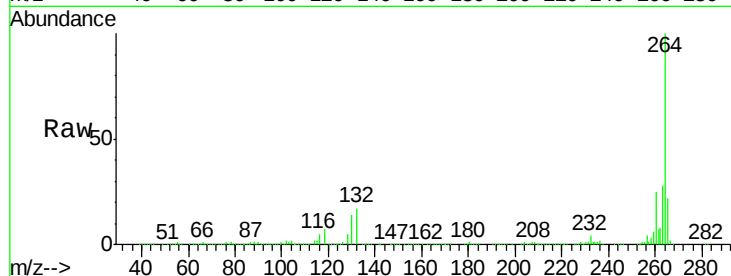




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF082870.D
 Acq: 10 Nov 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.6
265	21.5	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

