

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082114.D
 Acq On : 7 Oct 2015 20:04
 Operator : UM/IZ
 Sample : G3997-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB

Quant Time: Oct 08 02:54:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

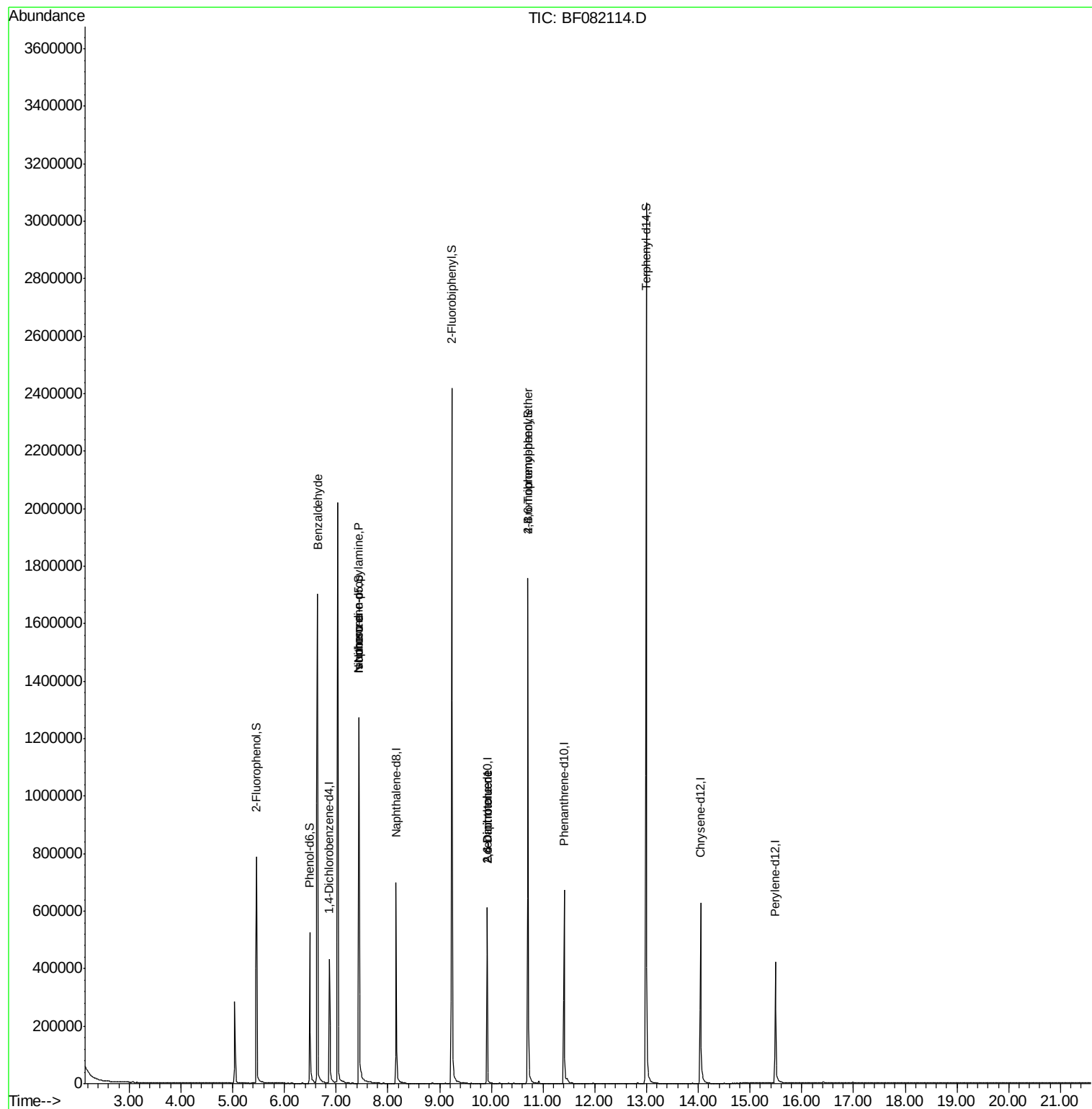
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	92644	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	369180	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	175936	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	357883	20.00	ng	0.00
75) Chrysene-d12	14.05	240	327090	20.00	ng	-0.01
86) Perylene-d12	15.49	264	258490	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	282406	55.34	ng	0.00
7) Phenol-d6	6.49	99	214122	33.34	ng	-0.01
23) Nitrobenzene-d5	7.44	82	516478	93.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	243513	136.67	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1058323	105.56	ng	-0.01
78) Terphenyl-d14	13.00	244	1138552	131.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	12360	2.94	ng	# 70
19) n-Nitroso-di-n-propylamine	7.44	70	64592	16.55	ng	# 58
25) Isophorone	7.44	82	450663	41.06	ng	# 58
50) 2,6-Dinitrotoluene	9.92	165	21360	8.10	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	21360	6.36	ng	# 31
57) Fluorene	10.71	166	10866	Below Cal	#	88
66) 4-Bromophenyl-phenylether	10.71	248	16809	4.66	ng	# 1
73) Di-n-butylphthalate	11.97	149	3234	Below Cal	#	97

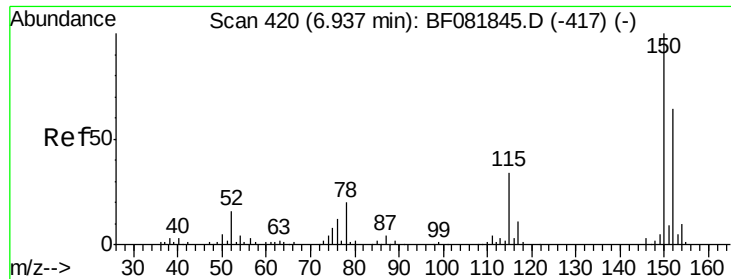
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082114.D

Acq: 7 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

RB

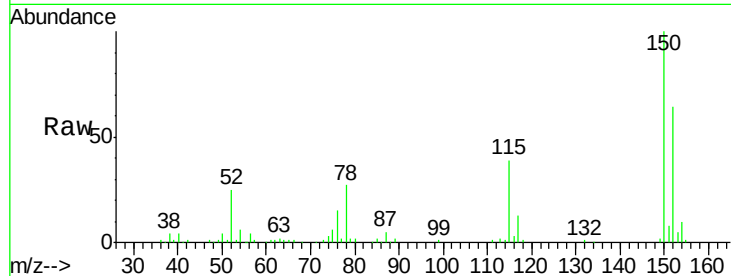
Tot Ion:152 Resp: 92644

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

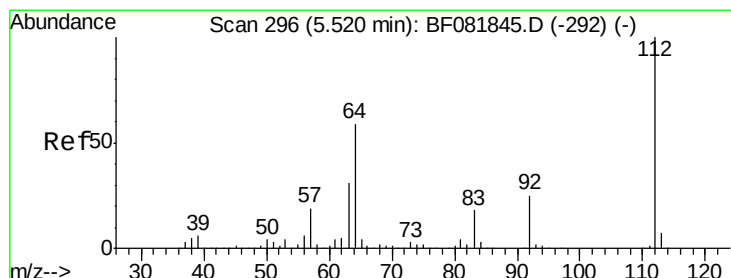
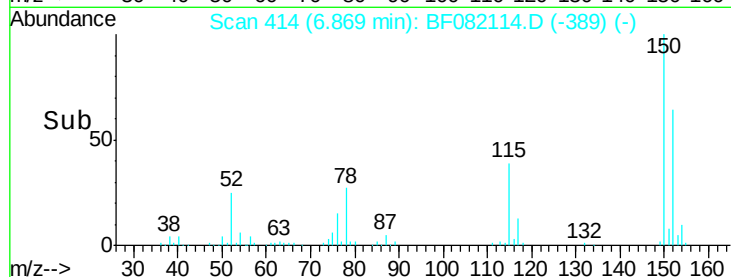
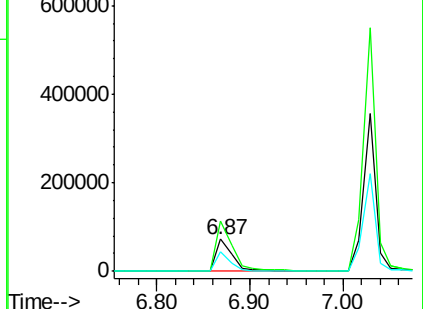
115 61.1 39.0 58.4#



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: 55.34 ng

RT: 5.46 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF082114.D

Acq: 7 Oct 2015 20:04

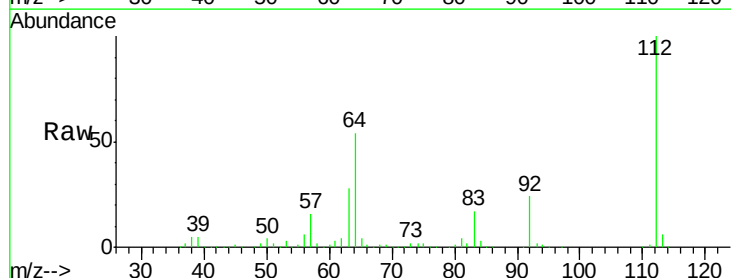
Tgt Ion:112 Resp: 282406

Ion Ratio Lower Upper

112 100

64 53.7 39.7 59.5

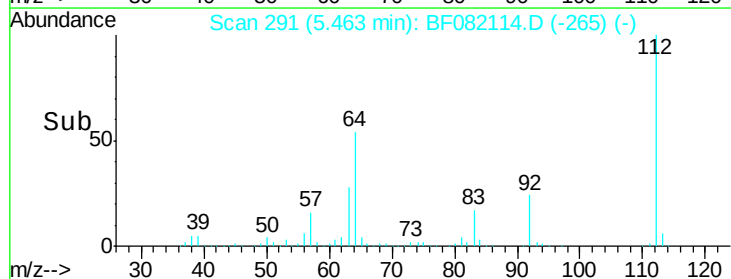
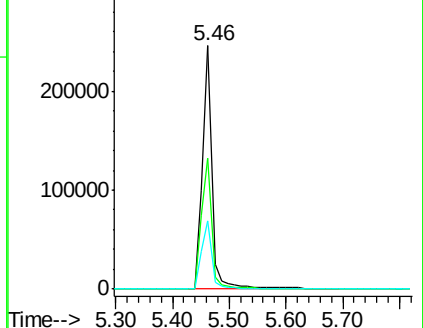
63 27.8 17.4 26.0#

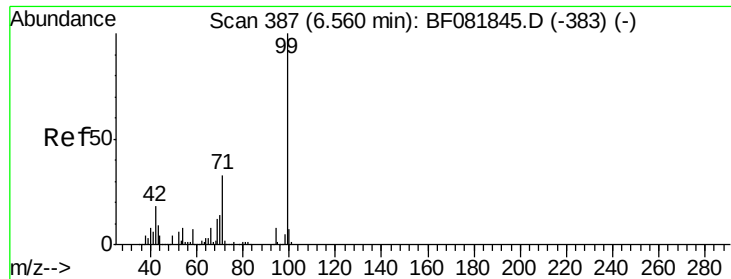


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.34 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082114.D

Acq: 7 Oct 2015 20:04

Instrument :

BNA_F

ClientSampled :

RB

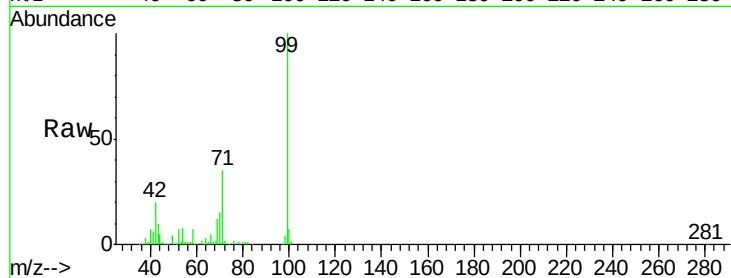
Tot Ion: 99 Resp: 214122

Ion Ratio Lower Upper

99 100

42 19.6 13.7 20.5

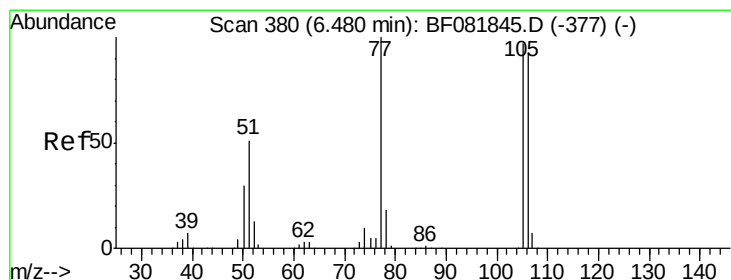
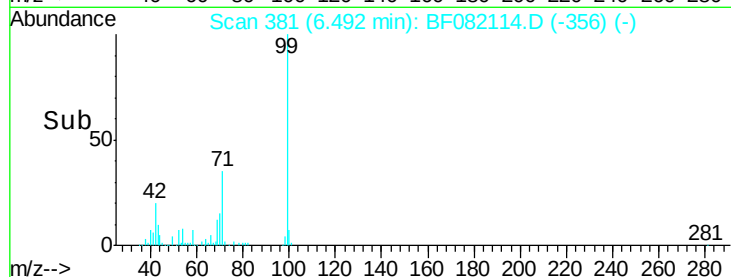
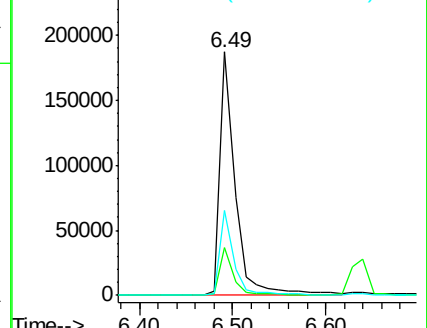
71 34.7 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.94 ng

RT: 6.64 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF082114.D

Acq: 7 Oct 2015 20:04

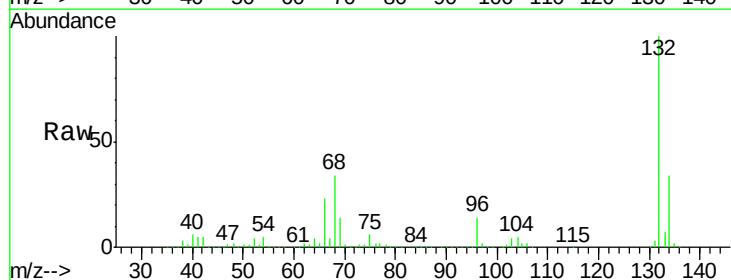
Tgt Ion: 77 Resp: 12360

Ion Ratio Lower Upper

77 100

105 87.5 91.6 131.6#

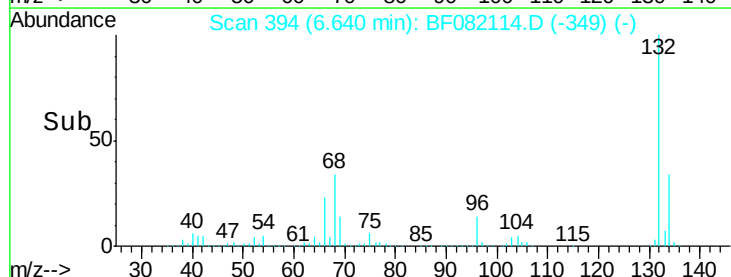
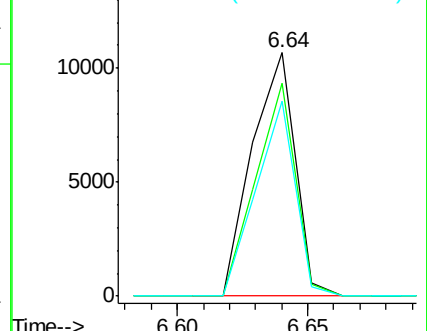
106 80.2 102.6 142.6#

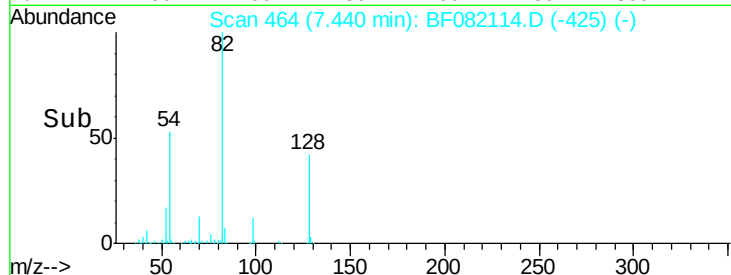
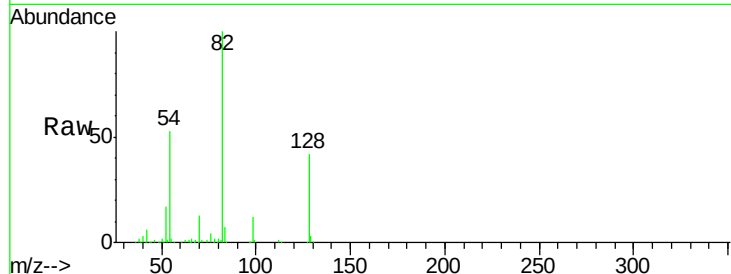
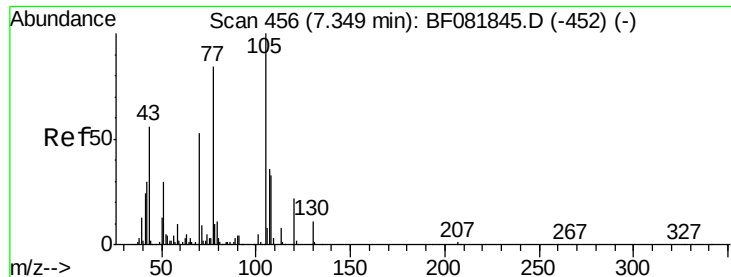


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

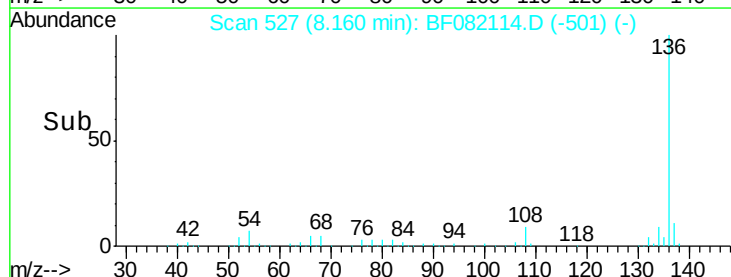
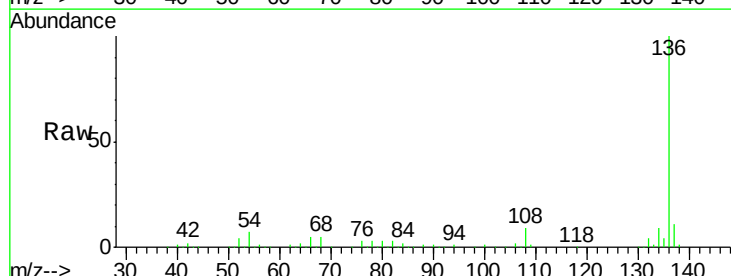
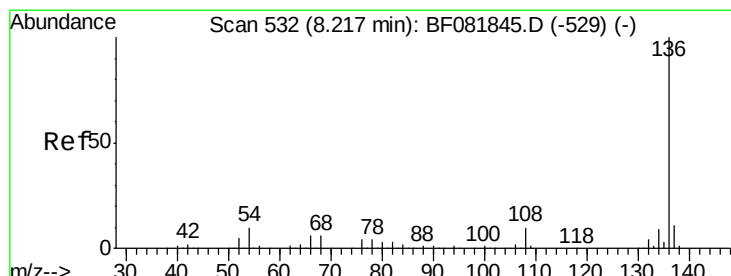
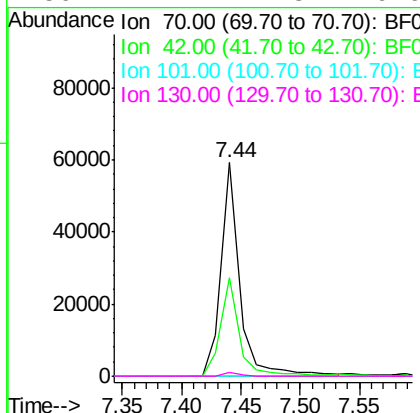




#19
n-Nitroso-di-n-propylamine
Concen: 16.55 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF082114.D
Acq: 7 Oct 2015 20:04

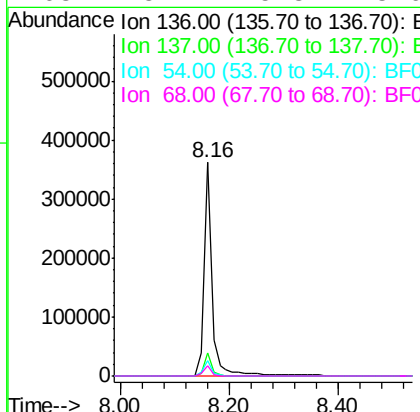
Instrument :
BNA_F
ClientSampleId :
RB

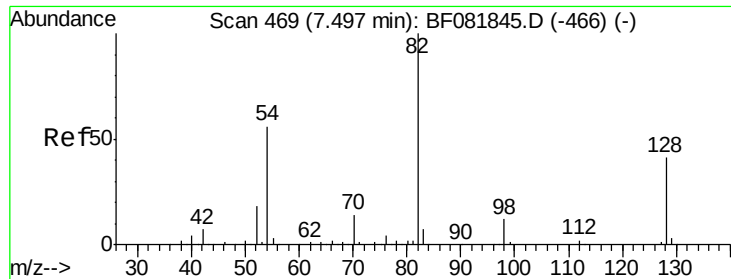
Tot Ion: 70 Resp: 64592
Ion Ratio Lower Upper
70 100
42 46.2 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082114.D
Acq: 7 Oct 2015 20:04

Tgt Ion: 136 Resp: 369180
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.4 8.2 12.2#
68 5.1 5.8 8.6#

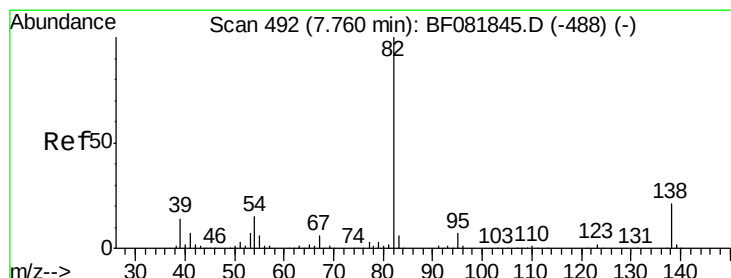
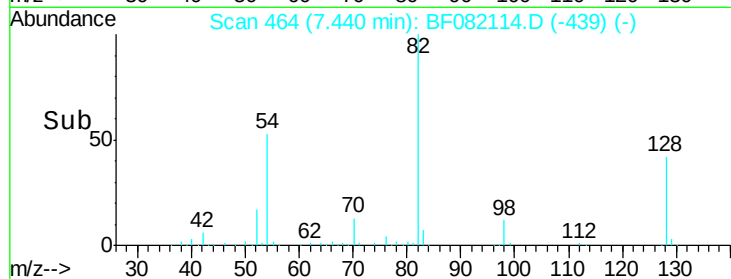
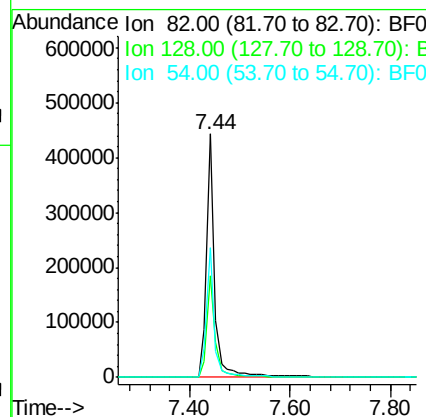
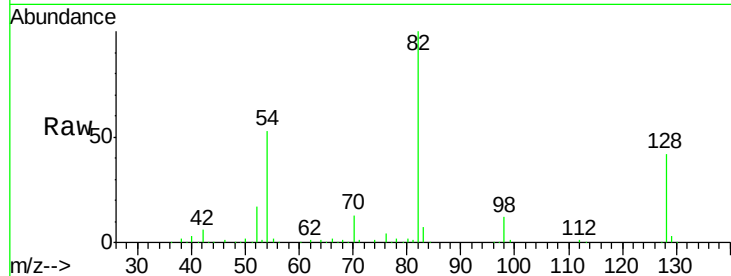




#23
Nitrobenzene-d5
Concen: 93.26 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082114.D
Acq: 7 Oct 2015 20:04

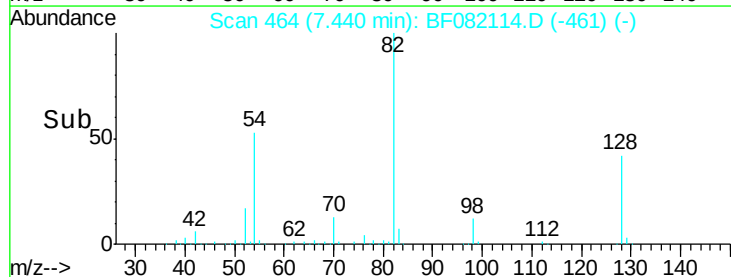
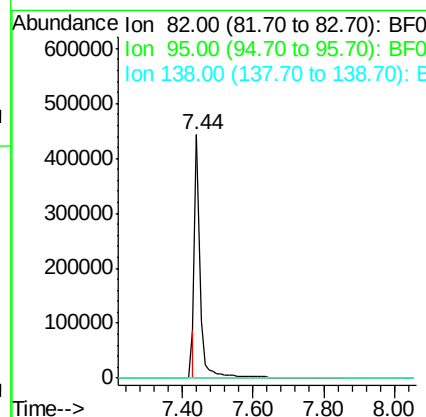
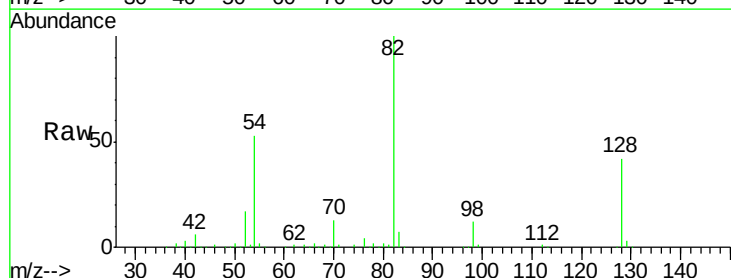
Instrument :
BNA_F
ClientSampled :
RB

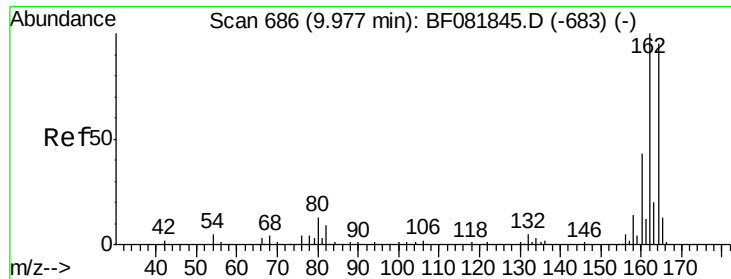
Tot Ion: 82 Resp: 516478
Ion Ratio Lower Upper
82 100
128 42.0 51.0 76.6#
54 53.3 47.5 71.3



#25
Isophorone
Concen: 41.06 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF082114.D
Acq: 7 Oct 2015 20:04

Tgt Ion: 82 Resp: 450663
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#

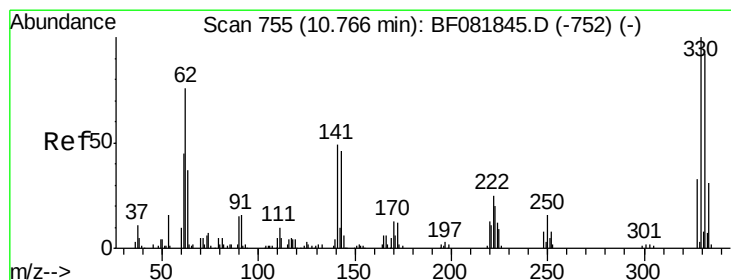
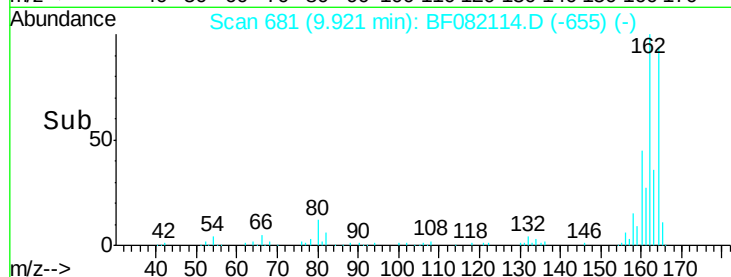
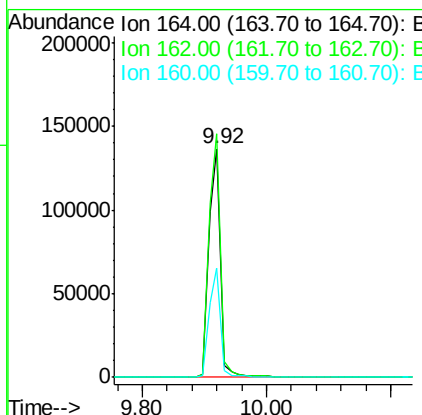
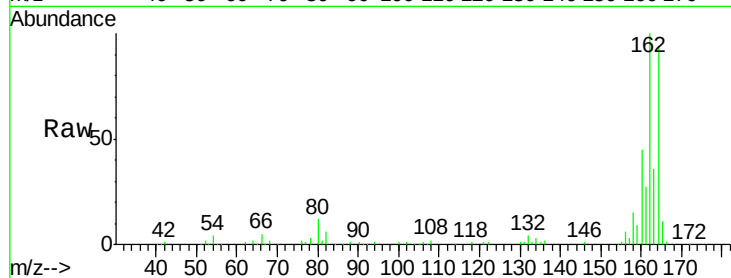




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF082114.D
 Acq: 7 Oct 2015 20:04

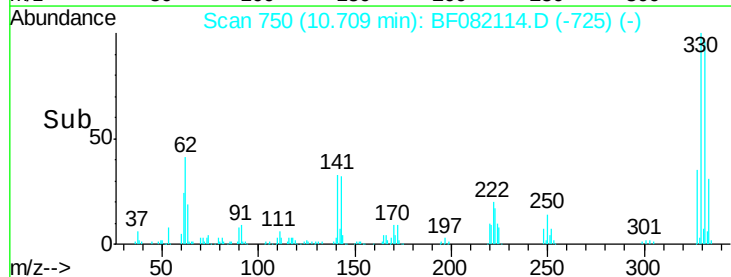
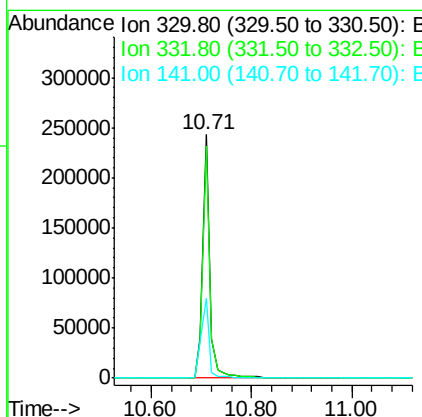
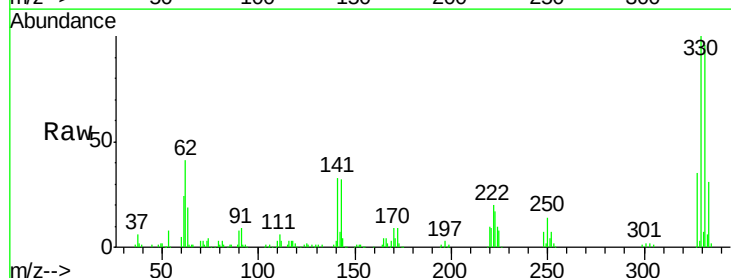
Instrument :
 BNA_F
 ClientSampleId :
 RB

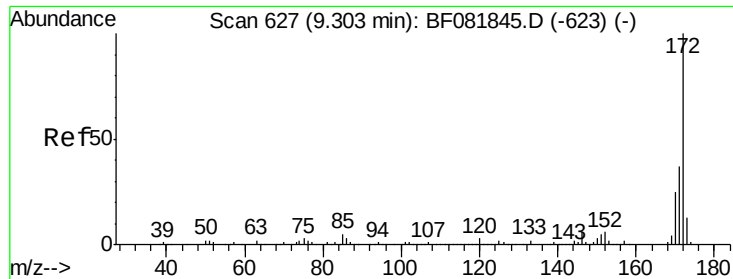
Tot Ion:164 Resp: 175936
 Ion Ratio Lower Upper
 164 100
 162 106.4 75.2 112.8
 160 47.5 31.5 47.3#



#41
 2,4,6-Tribromophenol
 Concen: 136.67 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082114.D
 Acq: 7 Oct 2015 20:04

Tgt Ion:330 Resp: 243513
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 37.0 29.7 44.5



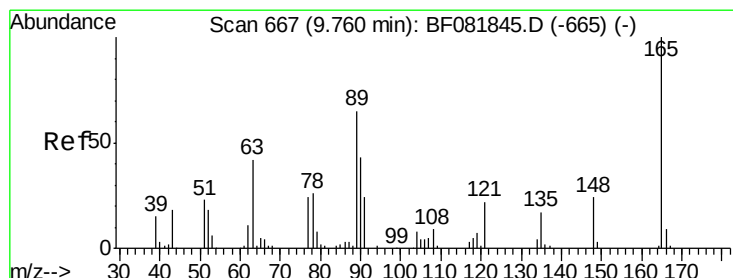
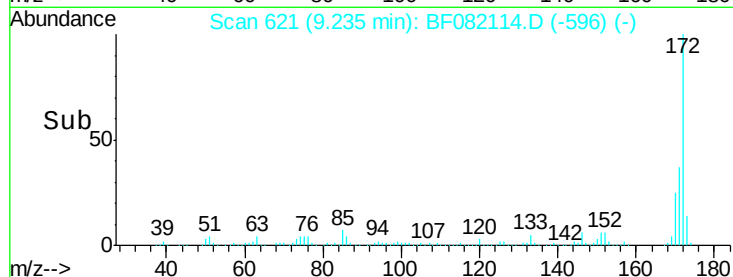
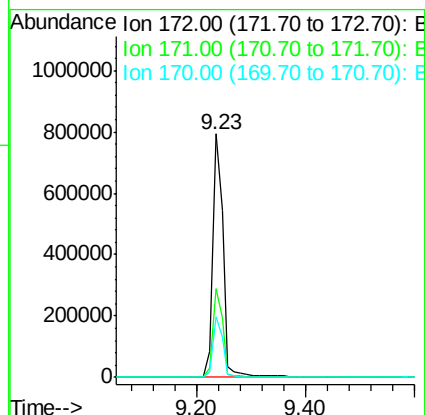
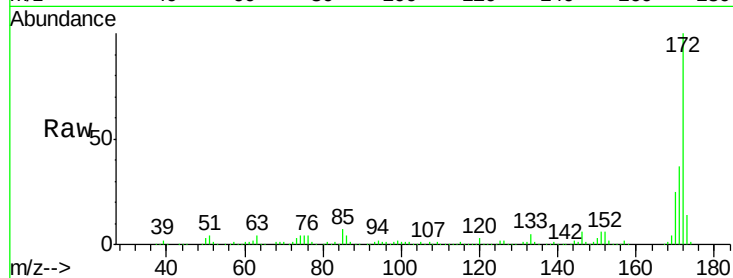


#44
 2-Fluorobiphenyl
 Concen: 105.56 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082114.D
 Acq: 7 Oct 2015 20:04

Instrument :
 BNA_F
 ClientSampled :
 RB

Tot Ion:172 Resp: 1058323

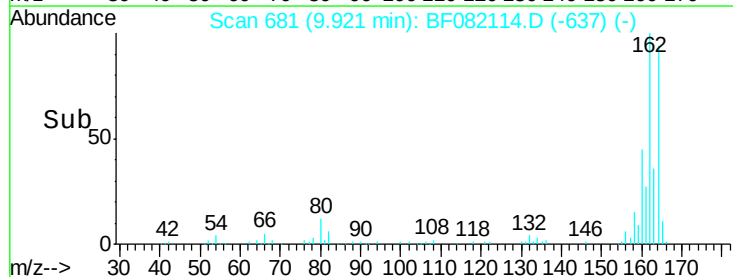
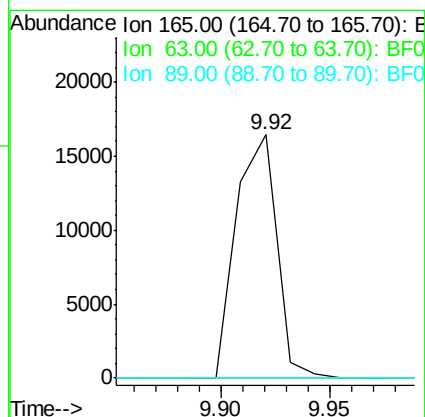
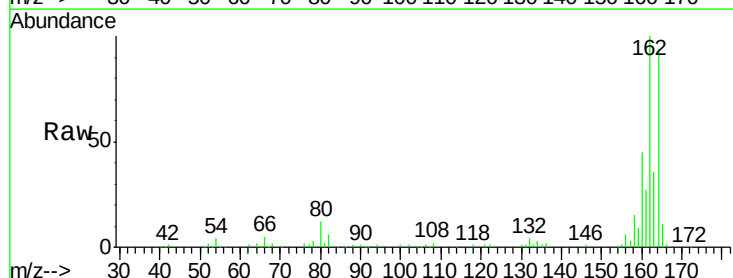
Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	24.7	17.4	26.2

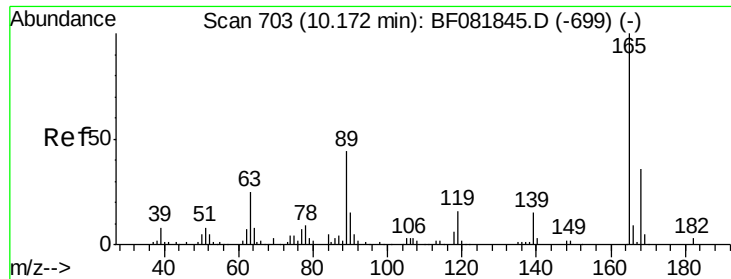


#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF082114.D
 Acq: 7 Oct 2015 20:04

Tgt Ion:165 Resp: 21360

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#

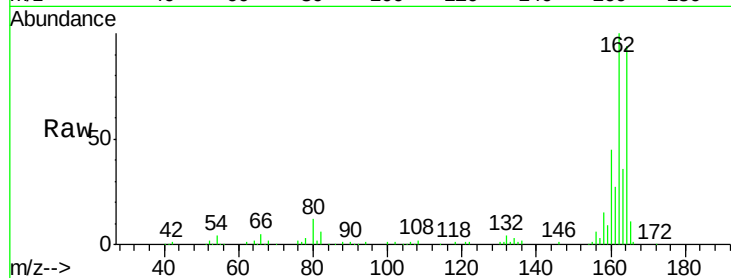




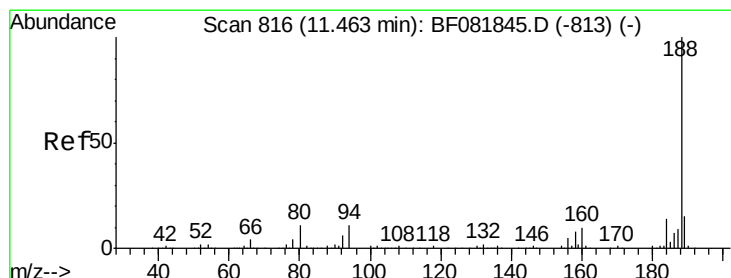
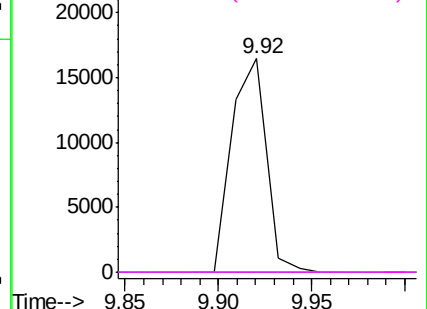
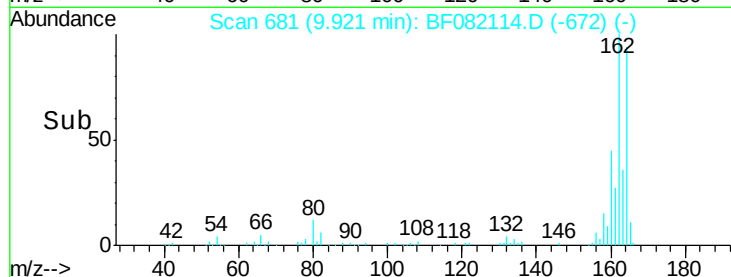
#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF082114.D
 Acq: 7 Oct 2015 20:04

Instrument :
 BNA_F
 ClientSampleId :
 RB

Tot Ion:165 Resp: 21360
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.8 44.6#
 89 0.0 44.5 66.7#
 182 0.0 3.0 4.4#

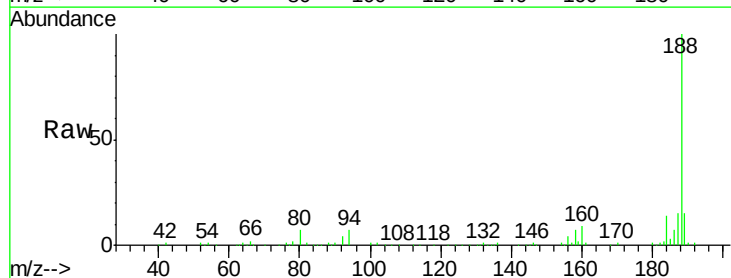


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

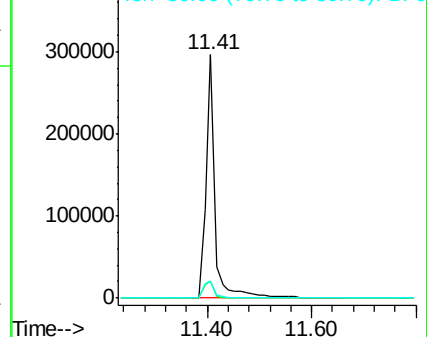
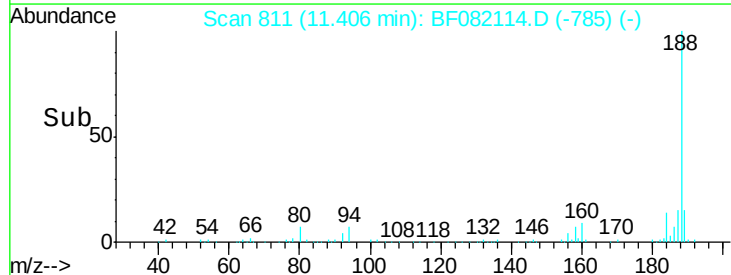


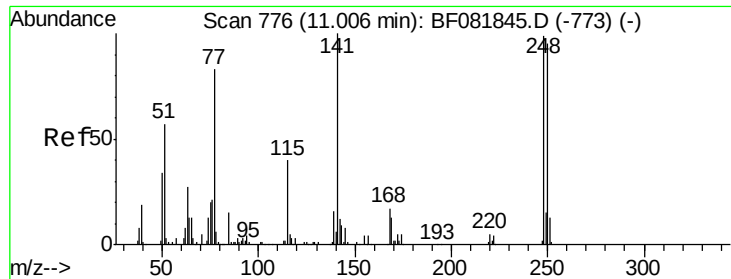
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF082114.D
 Acq: 7 Oct 2015 20:04

Tgt Ion:188 Resp: 357883
 Ion Ratio Lower Upper
 188 100
 94 6.8 11.1 16.7#
 80 6.9 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.66 ng

RT: 10.71 min Scan# 750

Delta R.T. -0.25 min

Lab File: BF082114.D

Acq: 7 Oct 2015 20:04

Instrument :

BNA_F

ClientSampled :

RB

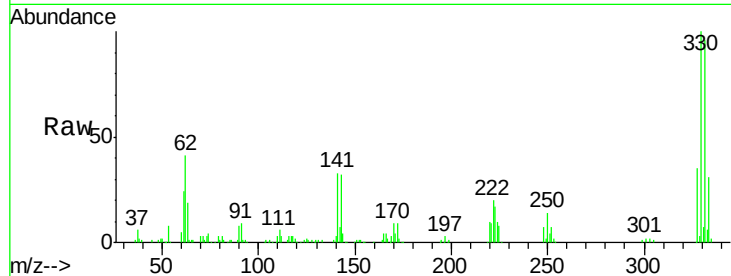
Tot Ion:248 Resp: 16809

Ion Ratio Lower Upper

248 100

250 200.5 78.5 117.7#

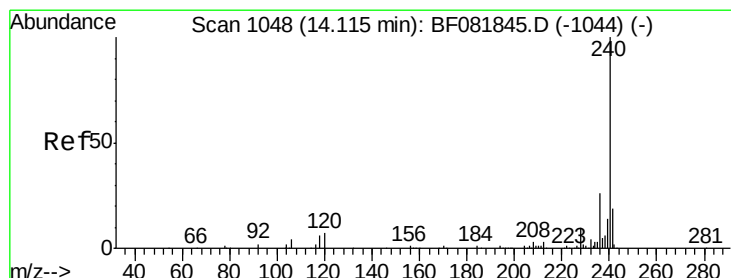
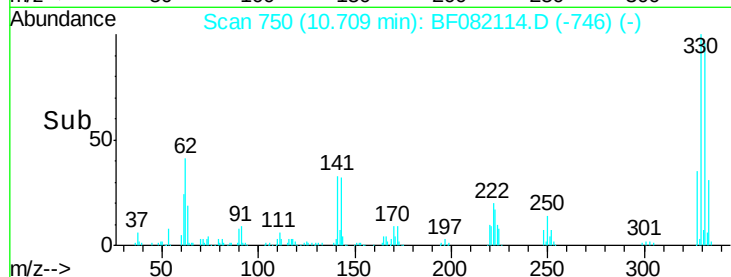
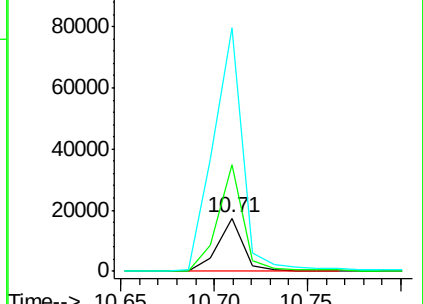
141 458.8 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082114.D

Acq: 7 Oct 2015 20:04

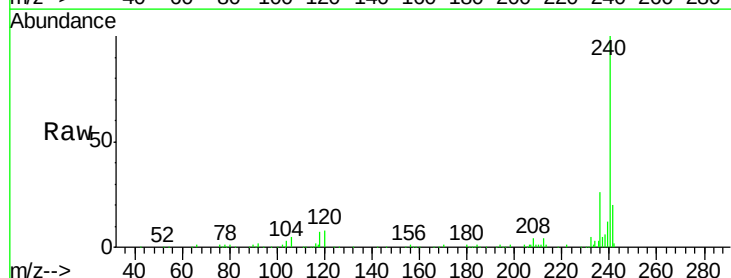
Tgt Ion:240 Resp: 327090

Ion Ratio Lower Upper

240 100

120 8.0 16.2 24.2#

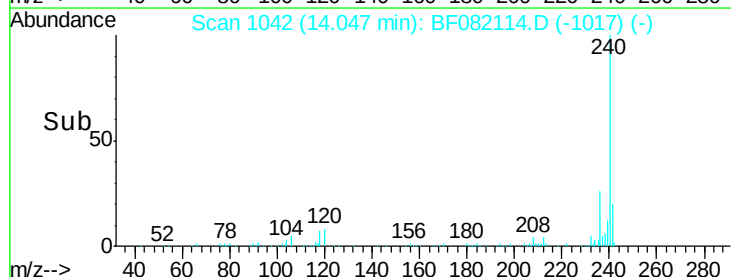
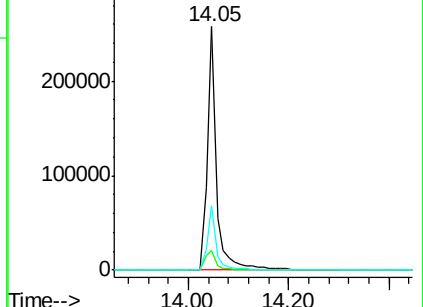
236 26.3 18.4 27.6

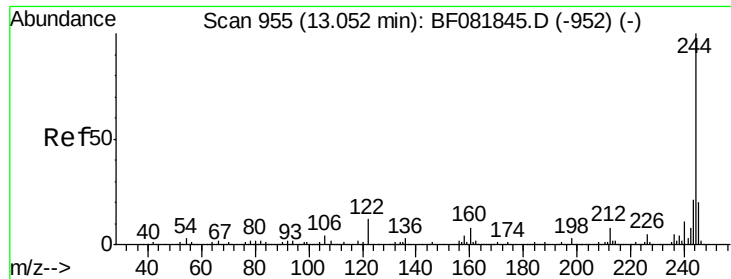


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

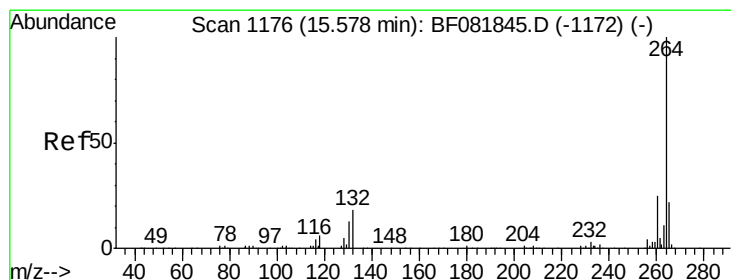
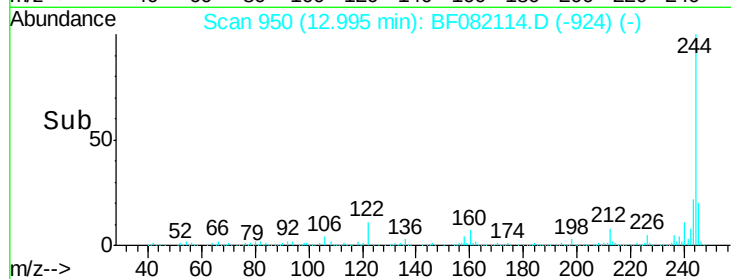
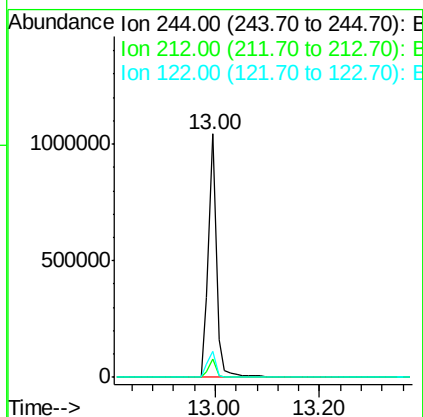
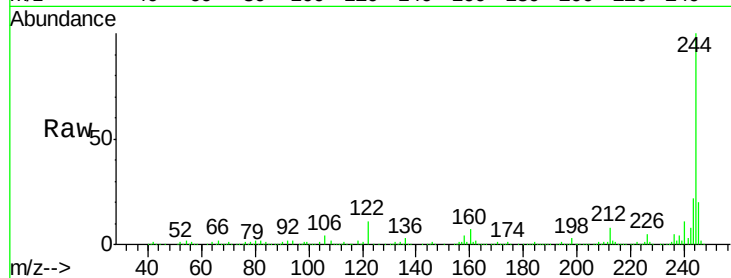




#78
 Terphenyl-d14
 Concen: 131.78 ng
 RT: 13.00 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF082114.D
 Acq: 7 Oct 2015 20:04

Instrument :
 BNA_F
 ClientSampled :
 RB

Tot Ion:244 Resp: 1138552
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 10.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF082114.D
 Acq: 7 Oct 2015 20:04

Tgt Ion:264 Resp: 258490
 Ion Ratio Lower Upper
 264 100
 260 23.2 16.7 25.1
 265 21.1 17.2 25.8

