

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082113.D
 Acq On : 7 Oct 2015 19:33
 Operator : UM/IZ
 Sample : G3997-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Oct 08 02:54:01 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

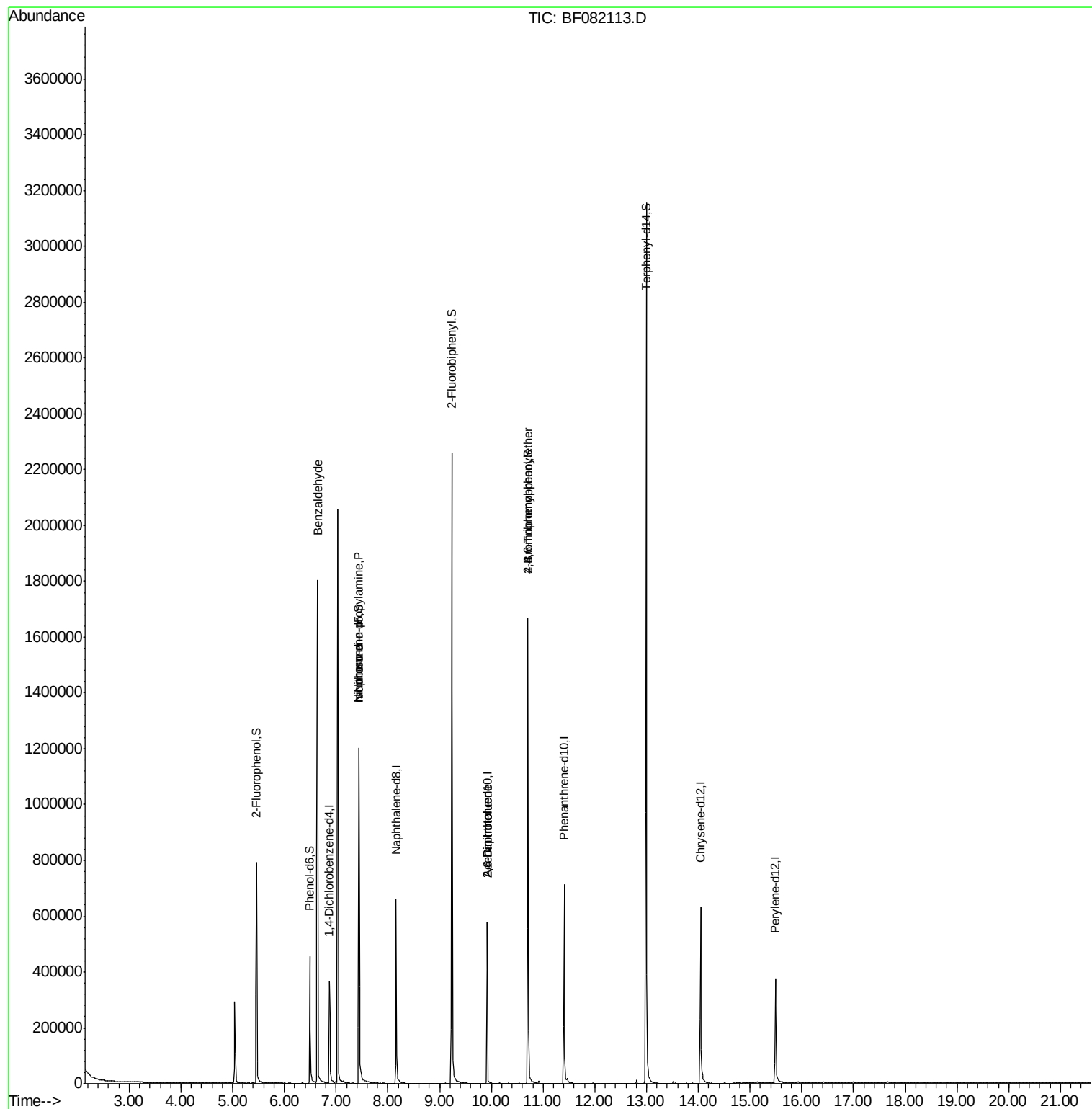
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84596	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	340765	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	162859	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	347318	20.00	ng	0.00
75) Chrysene-d12	14.05	240	319886	20.00	ng	-0.01
86) Perylene-d12	15.49	264	245758	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	264021	56.66	ng	0.00
7) Phenol-d6	6.49	99	199774	34.07	ng	-0.01
23) Nitrobenzene-d5	7.44	82	492516	96.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	226065	137.06	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1027869	112.60	ng	-0.01
78) Terphenyl-d14	12.99	244	1126505	134.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	12303	3.20	ng	# 64
19) n-Nitroso-di-n-propylamine	7.44	70	62040	17.41	ng	# 59
25) Isophorone	7.44	82	438714	43.30	ng	# 58
50) 2,6-Dinitrotoluene	9.92	165	20137	8.25	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	20137	6.47	ng	# 31
57) Fluorene	10.71	166	9860	Below Cal	#	79
66) 4-Bromophenyl-phenylether	10.71	248	15658	4.47	ng	# 1
73) Di-n-butylphthalate	11.97	149	1985	Below Cal	#	78

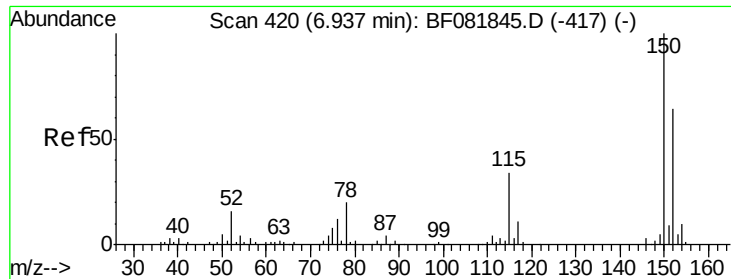
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082113.D

Acq: 7 Oct 2015 19:33

Instrument :

BNA_F

ClientSampleId :

FB

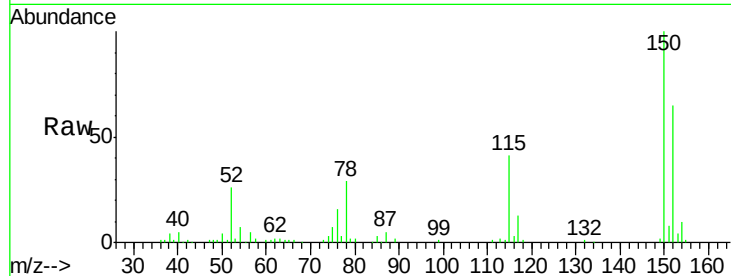
Tot Ion:152 Resp: 84596

Ion Ratio Lower Upper

152 100

150 154.8 124.7 187.1

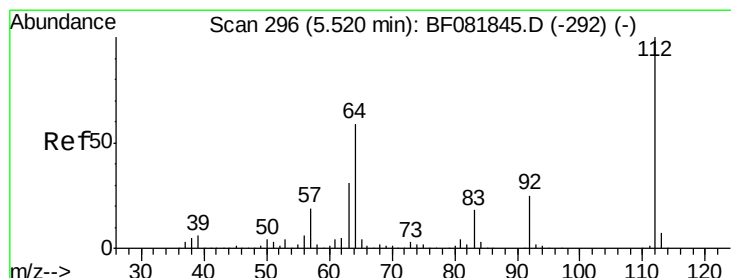
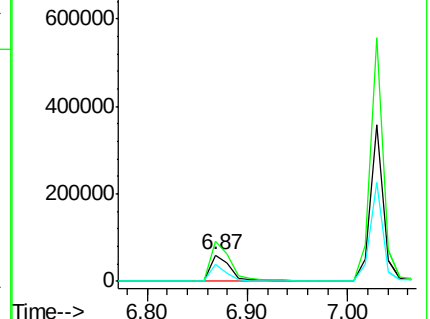
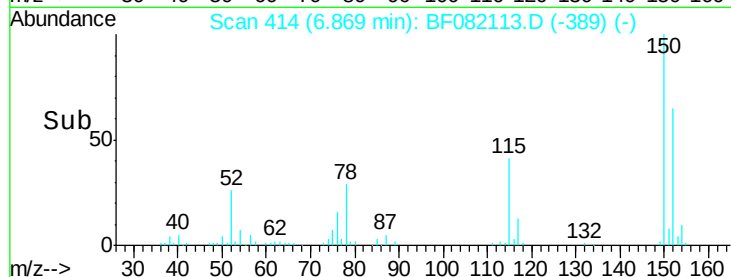
115 63.3 39.0 58.4#



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: 56.66 ng

RT: 5.46 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF082113.D

Acq: 7 Oct 2015 19:33

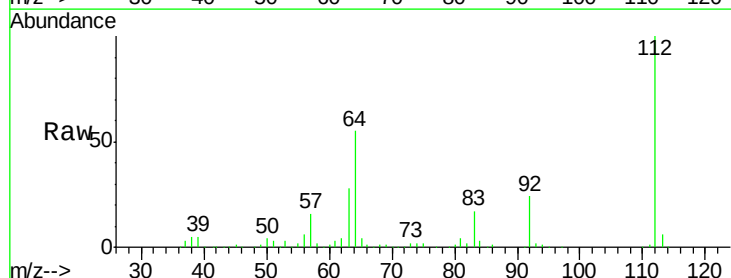
Tgt Ion:112 Resp: 264021

Ion Ratio Lower Upper

112 100

64 55.1 39.7 59.5

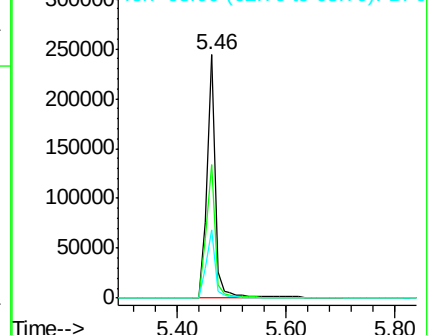
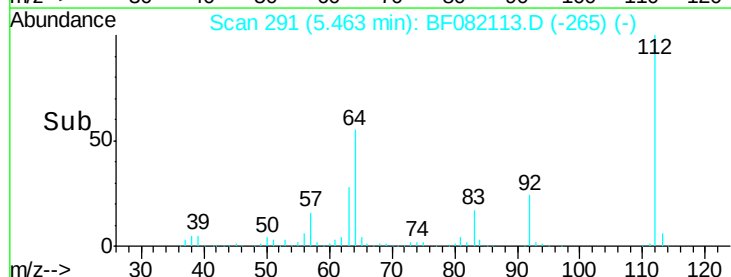
63 27.9 17.4 26.0#

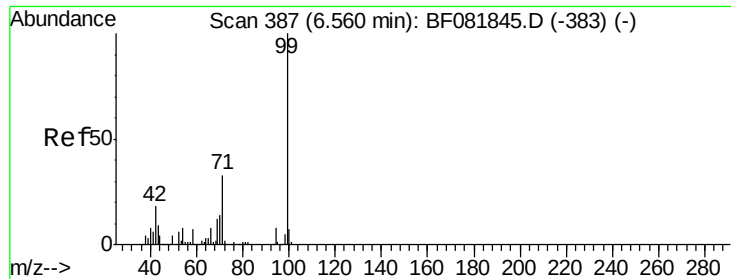


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.07 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082113.D

Acq: 7 Oct 2015 19:33

Instrument :

BNA_F

ClientSampleId :

FB

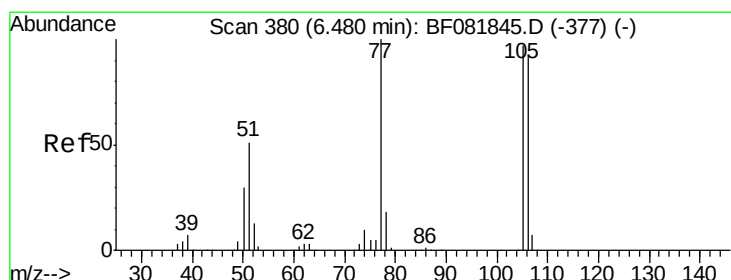
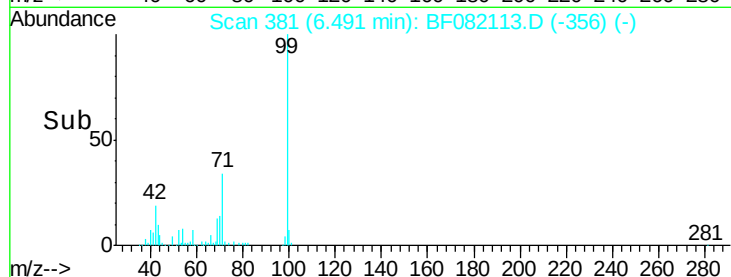
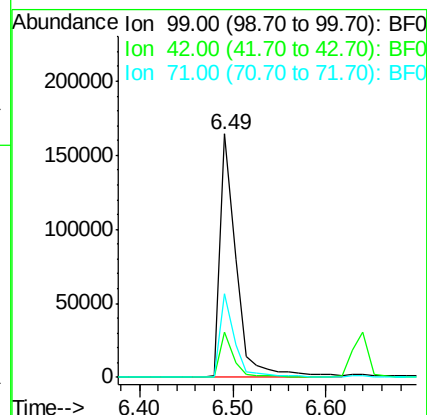
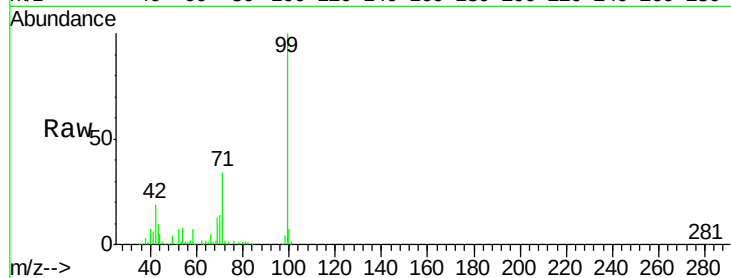
Tot Ion: 99 Resp: 199774

Ion Ratio Lower Upper

99 100

42 18.8 13.7 20.5

71 34.3 14.2 21.2#



#9

Benzaldehyde

Concen: 3.20 ng

RT: 6.64 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF082113.D

Acq: 7 Oct 2015 19:33

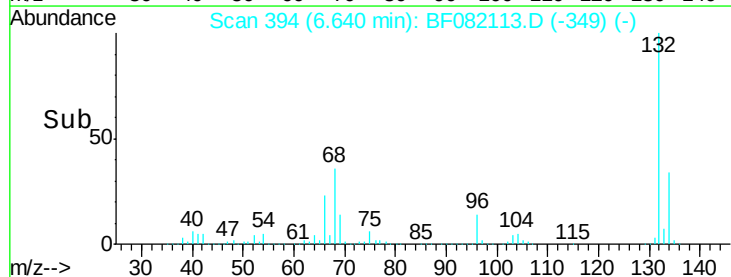
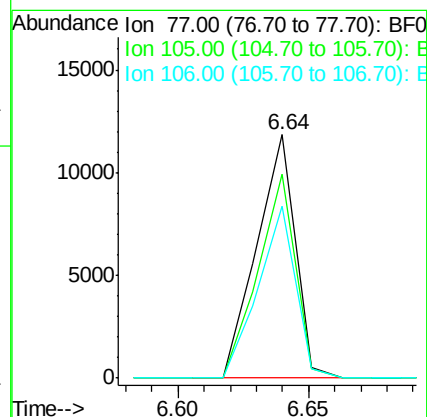
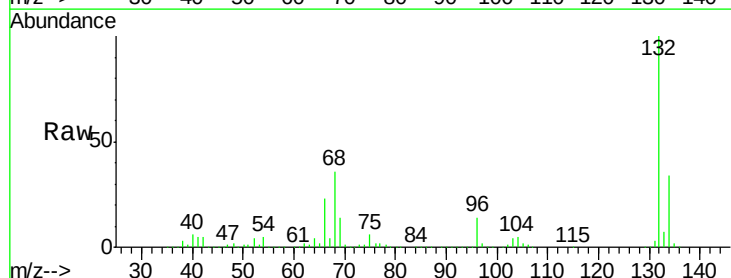
Tgt Ion: 77 Resp: 12303

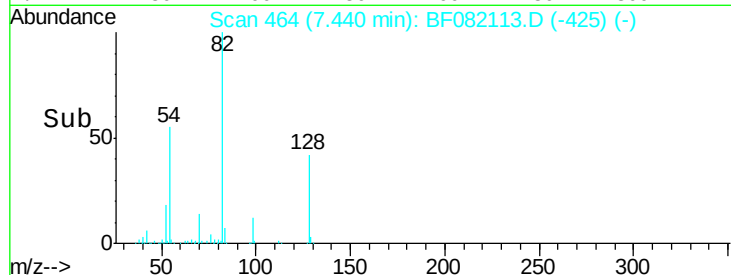
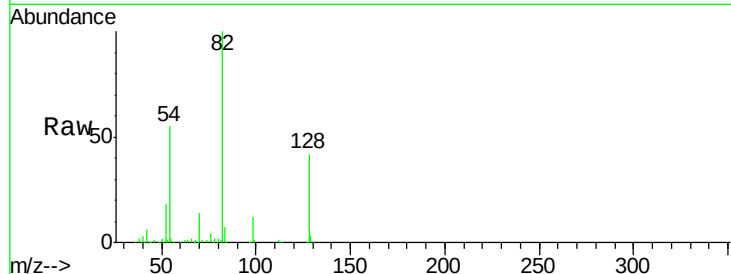
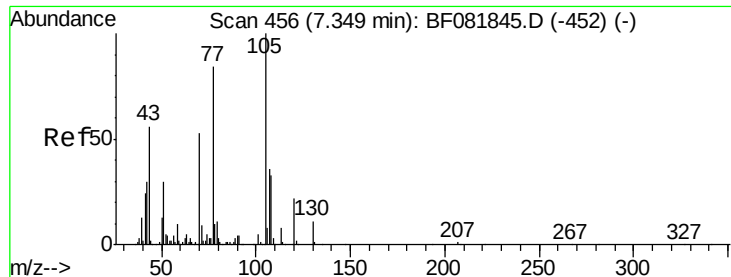
Ion Ratio Lower Upper

77 100

105 83.9 91.6 131.6#

106 70.8 102.6 142.6#

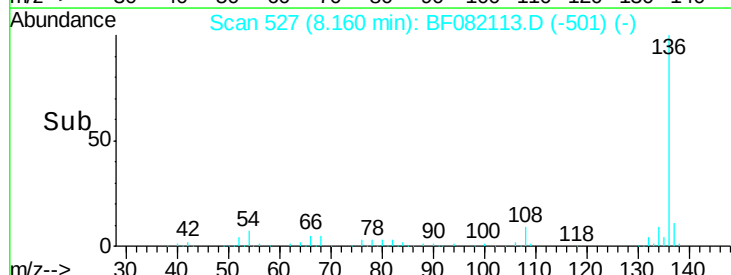
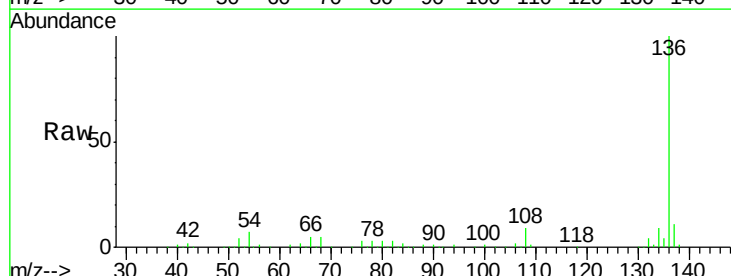
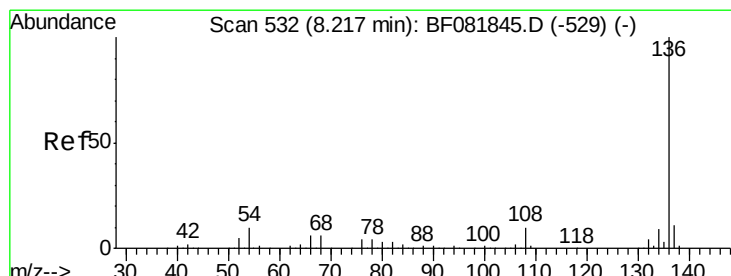
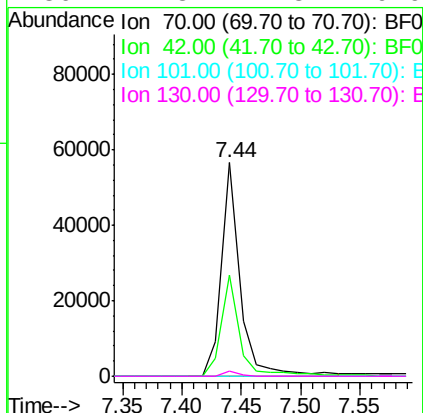




#19
n-Nitroso-di-n-propylamine
Concen: 17.41 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF082113.D
Acq: 7 Oct 2015 19:33

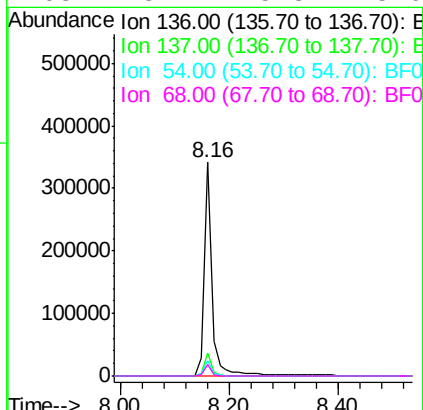
Instrument :
BNA_F
ClientSampleId :
FB

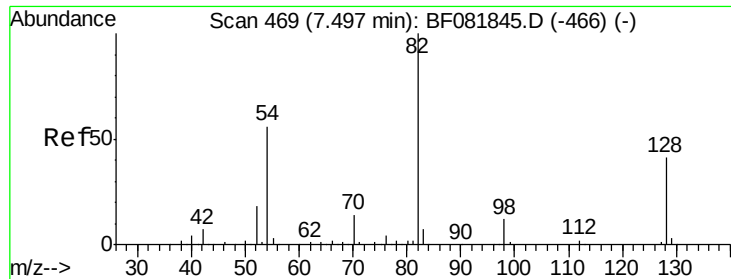
Tot Ion:	70	Resp:	62040
Ion	Ratio	Lower	Upper
70	100		
42	47.4	63.8	95.6#
101	0.0	9.2	13.8#
130	2.3	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082113.D
Acq: 7 Oct 2015 19:33

Tgt Ion:	136	Resp:	340765
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.5	8.2	12.2#
68	5.1	5.8	8.6#

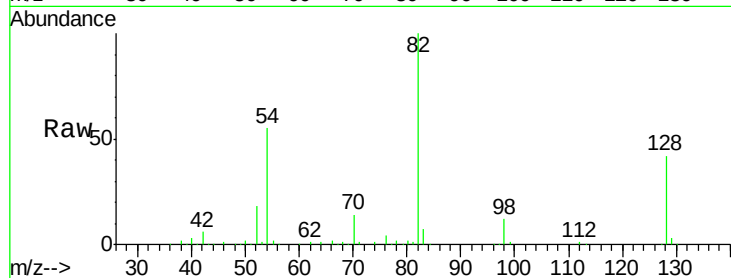




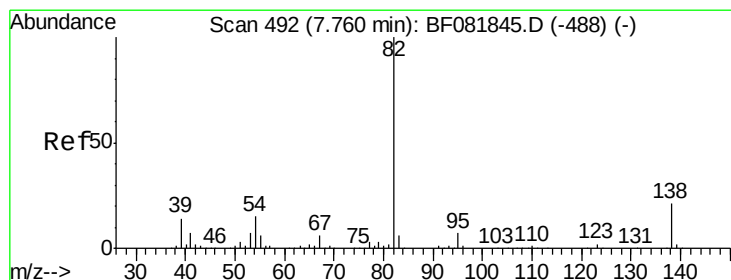
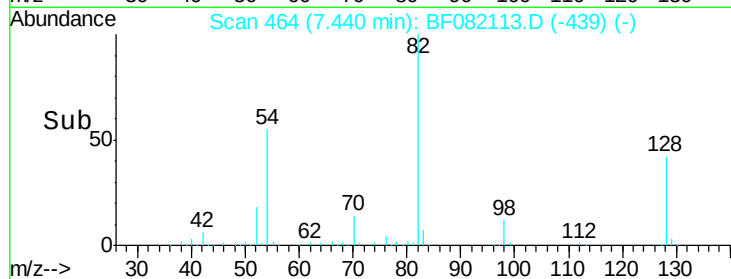
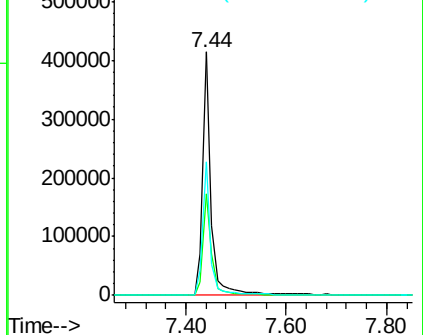
#23
Nitrobenzene-d5
Concen: 96.35 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082113.D
Acq: 7 Oct 2015 19:33

Instrument :
BNA_F
ClientSampled :
FB

Tot Ion: 82 Resp: 492516
Ion Ratio Lower Upper
82 100
128 41.9 51.0 76.6#
54 54.6 47.5 71.3

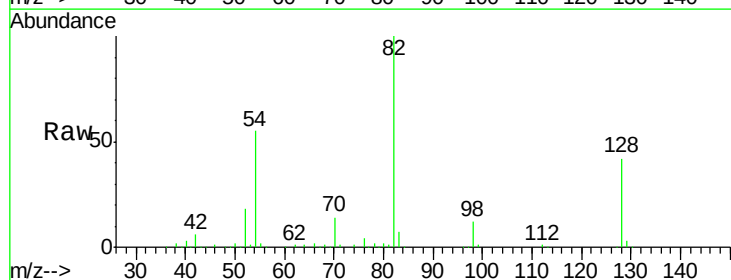


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

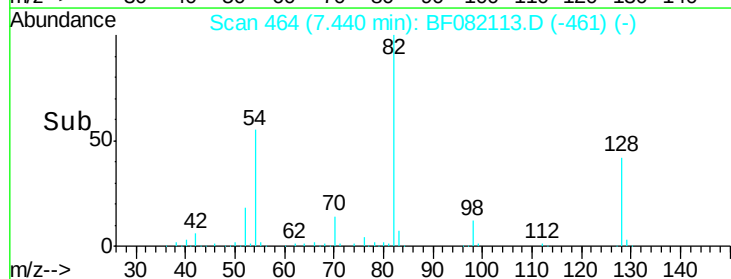
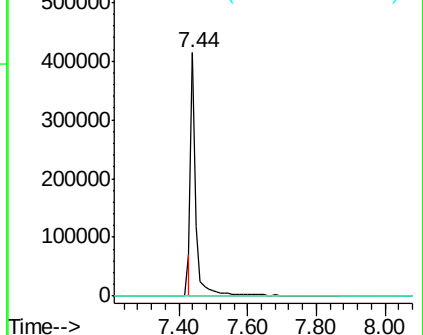


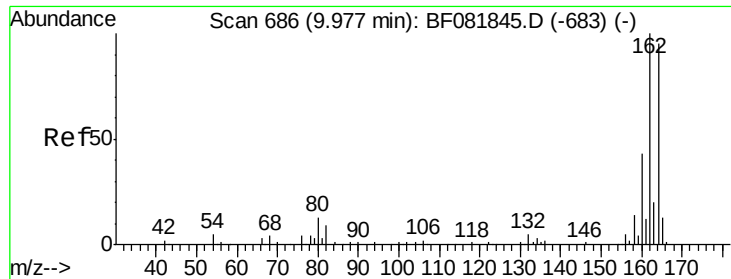
#25
Isophorone
Concen: 43.30 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF082113.D
Acq: 7 Oct 2015 19:33

Tgt Ion: 82 Resp: 438714
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

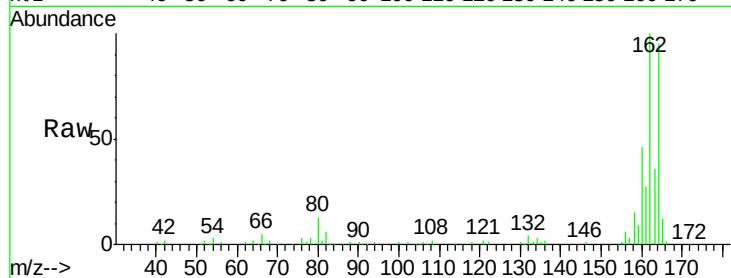




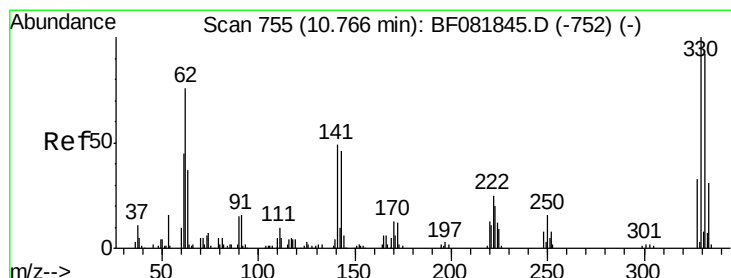
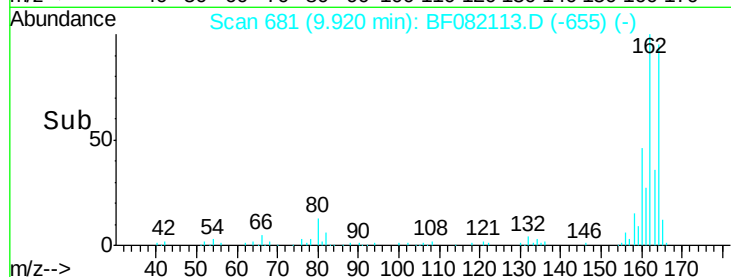
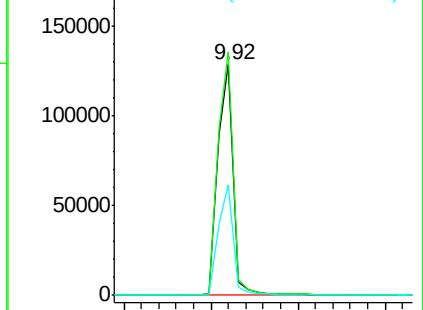
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF082113.D
Acq: 7 Oct 2015 19:33

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:164 Resp: 162859
Ion Ratio Lower Upper
164 100
162 105.7 75.2 112.8
160 48.2 31.5 47.3#

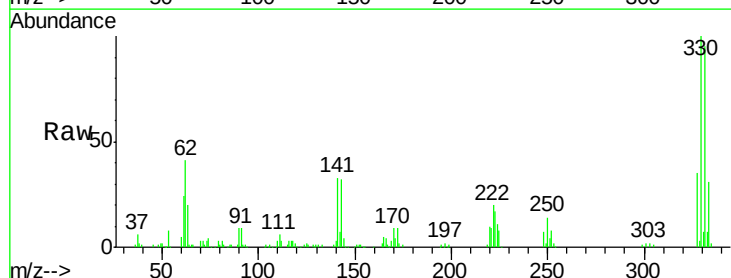


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

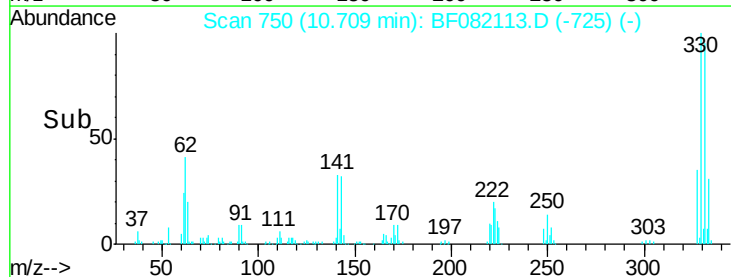
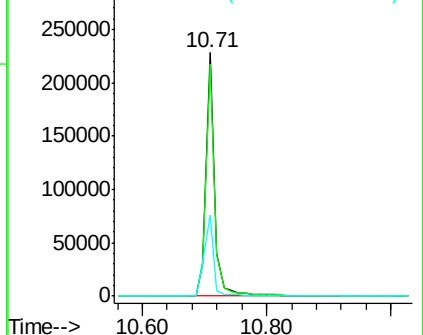


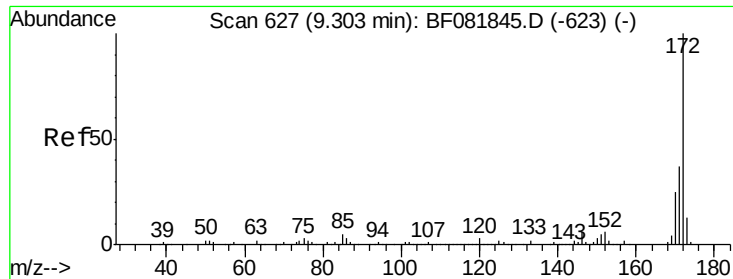
#41
2,4,6-Tribromophenol
Concen: 137.06 ng
RT: 10.71 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF082113.D
Acq: 7 Oct 2015 19:33

Tgt Ion:330 Resp: 226065
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 36.7 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



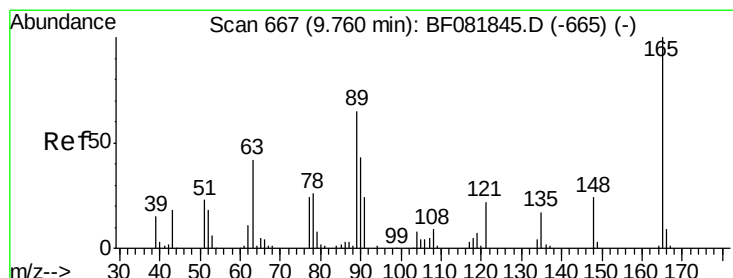
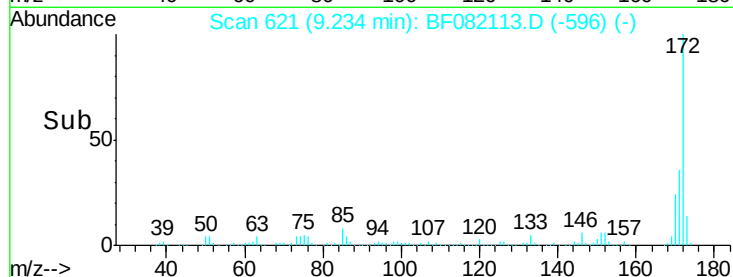
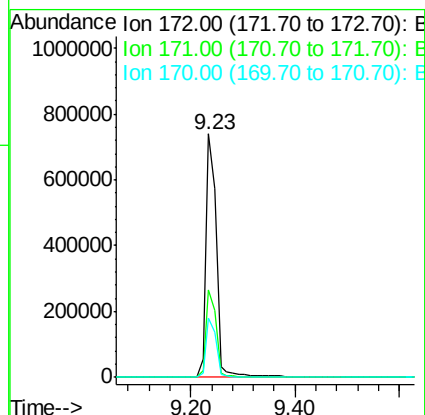
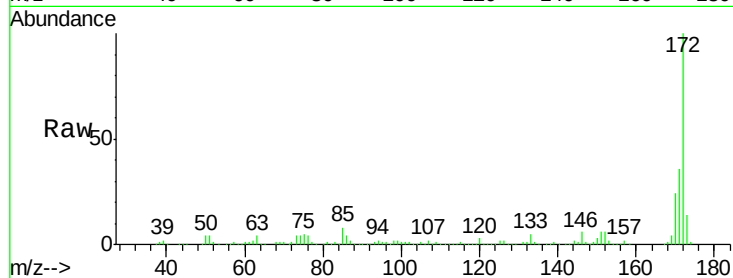


#44
 2-Fluorobiphenyl
 Concen: 112.60 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:172 Resp: 1027869

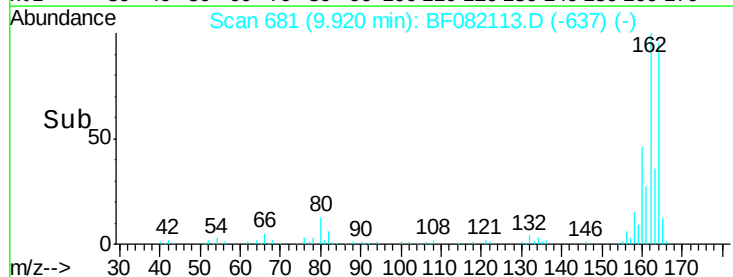
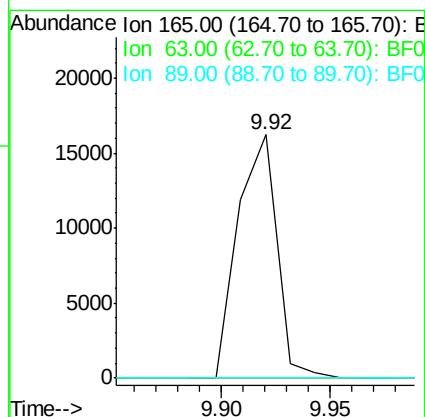
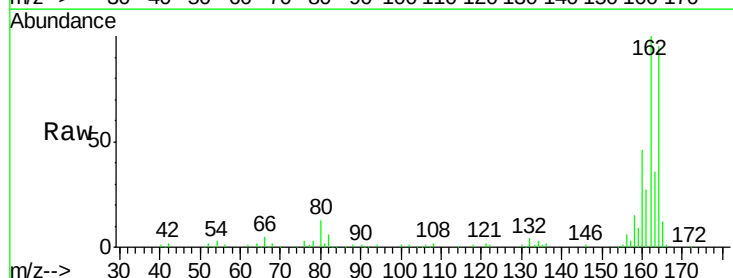
Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	24.2	17.4	26.2

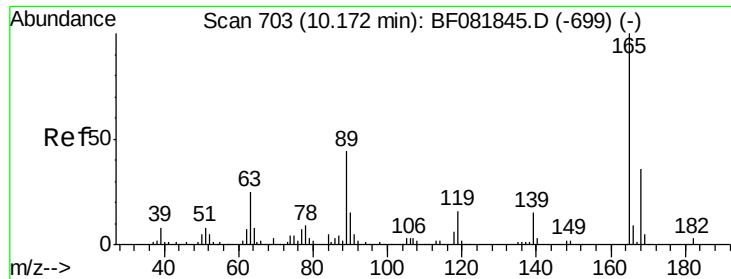


#50
 2,6-Dinitrotoluene
 Concen: 8.25 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Tgt Ion:165 Resp: 20137

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

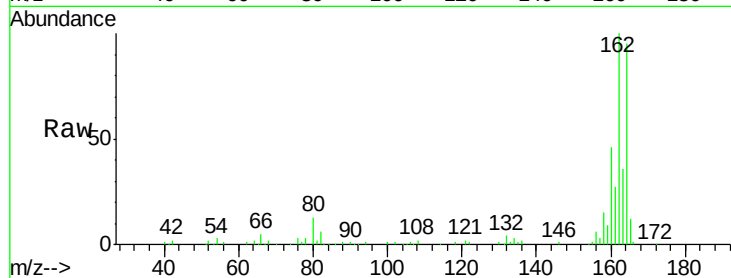




#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:165	Resp:	20137
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#

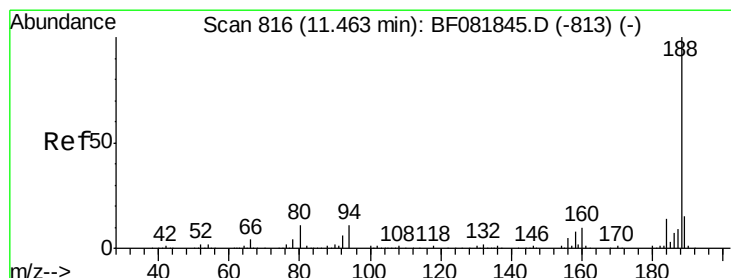
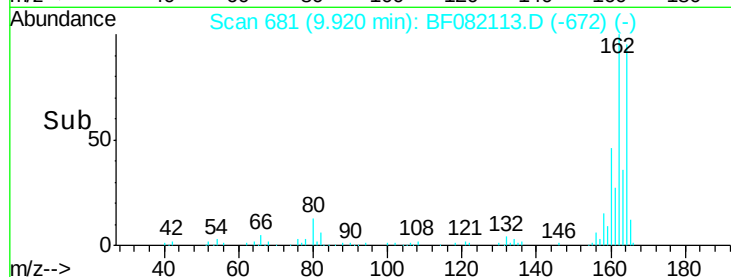
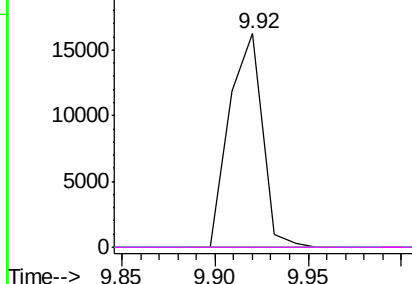


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

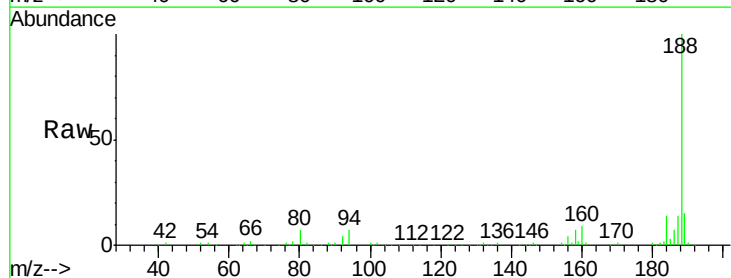
Ion 89.00 (88.70 to 89.70): BF0

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: BF082113.D
 Acq: 7 Oct 2015 19:33

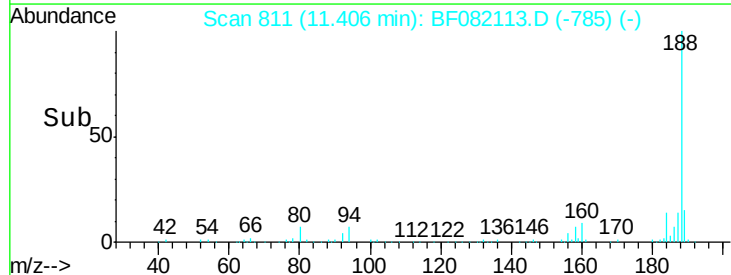
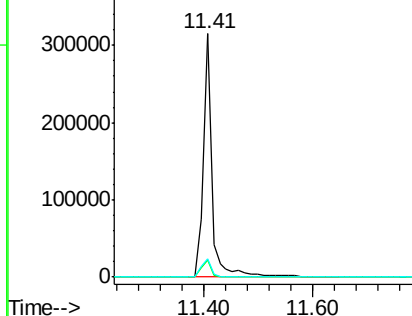
Tgt Ion:188	Resp:	347318
Ion Ratio	Lower	Upper
188	100	
94	6.9	11.1 16.7#
80	7.3	11.0 16.4#

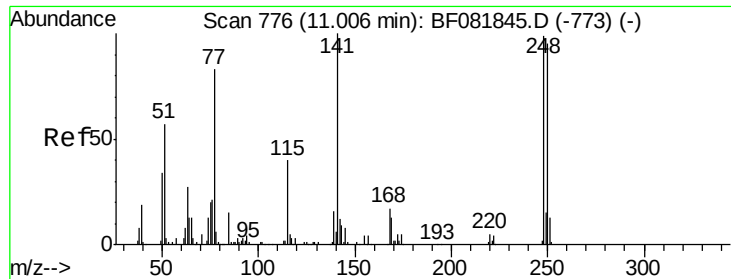


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.47 ng

RT: 10.71 min Scan# 750

Delta R.T. -0.25 min

Lab File: BF082113.D

Acq: 7 Oct 2015 19:33

Instrument :

BNA_F

ClientSampled :

FB

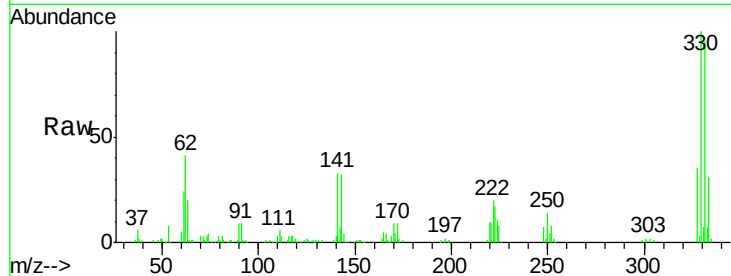
Tot Ion:248 Resp: 15658

Ion Ratio Lower Upper

248 100

250 192.0 78.5 117.7#

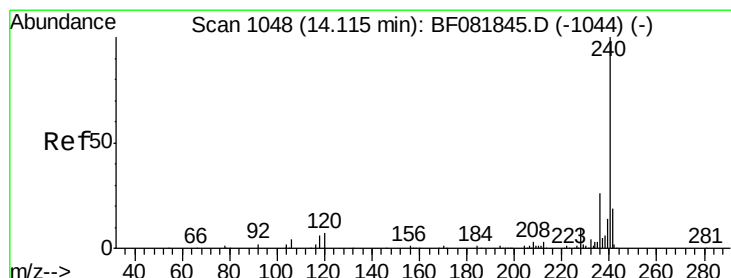
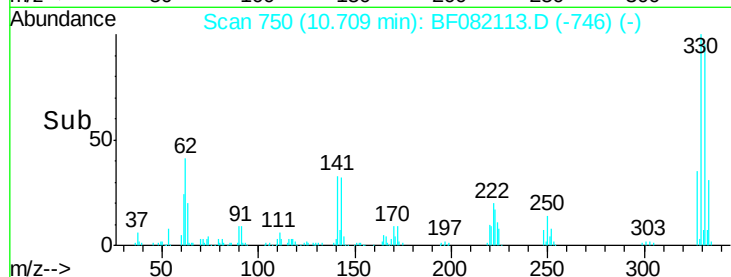
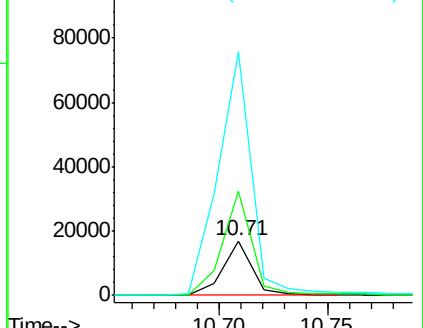
141 448.3 59.0 88.6#



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: BF082113.D

Acq: 7 Oct 2015 19:33

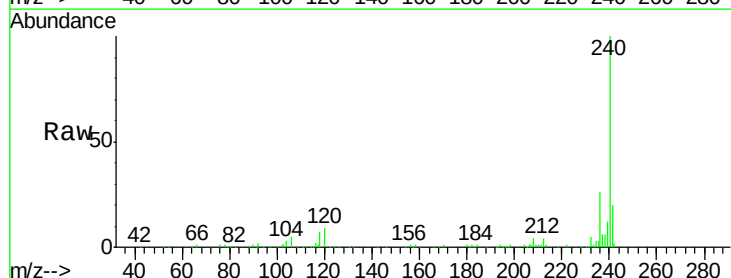
Tgt Ion:240 Resp: 319886

Ion Ratio Lower Upper

240 100

120 8.5 16.2 24.2#

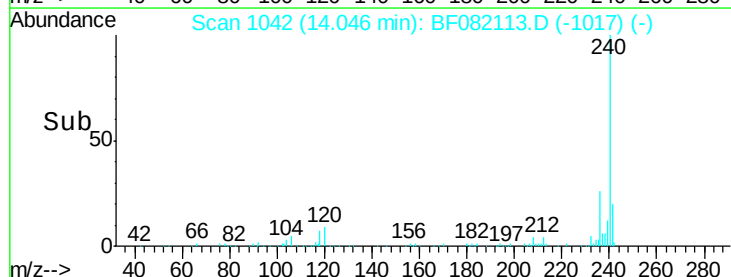
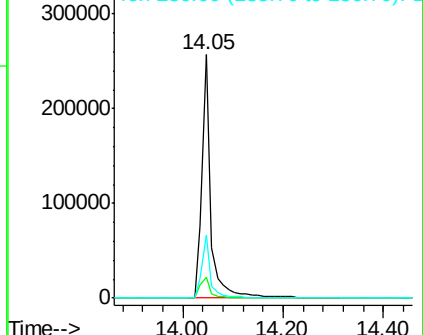
236 26.0 18.4 27.6

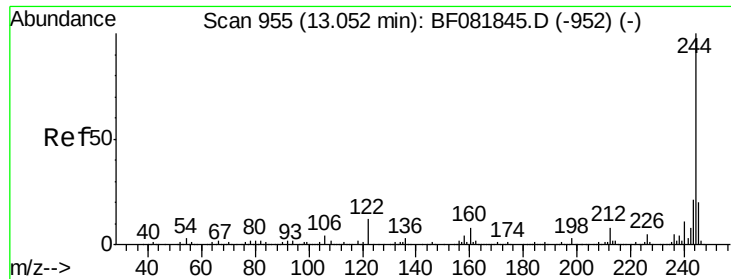


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

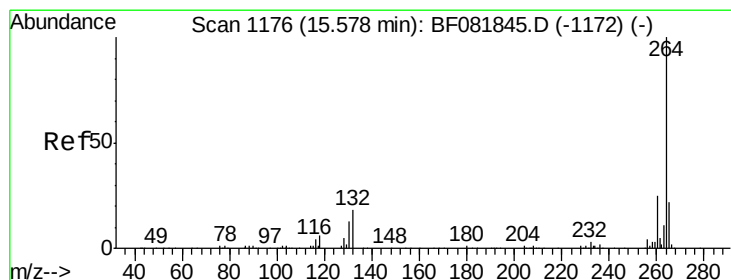
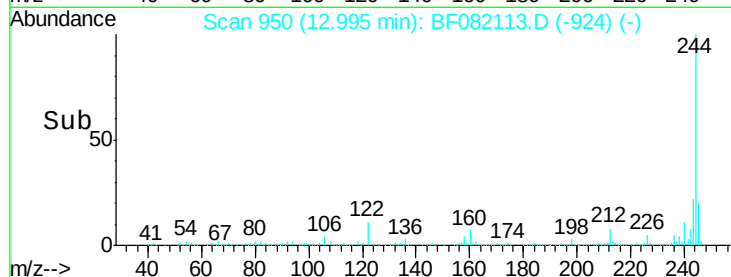
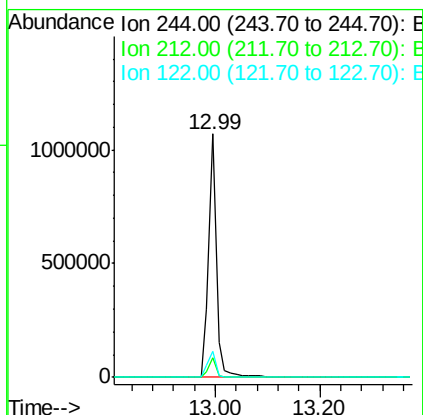
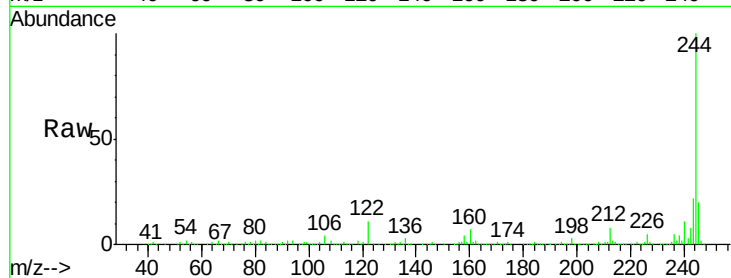




#78
 Terphenyl-d14
 Concen: 134.77 ng
 RT: 12.99 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Instrument :
 BNA_F
 ClientSampled :
 FB

Tot Ion:244 Resp: 1126505
 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: BF082113.D
 Acq: 7 Oct 2015 19:33

Tgt Ion:264 Resp: 245758
 Ion Ratio Lower Upper
 264 100
 260 22.9 16.7 25.1
 265 21.8 17.2 25.8

