

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082930.D
 Acq On : 14 Nov 2015 8:09
 Operator : UM/IZ
 Sample : G4367-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Nov 16 00:16:38 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

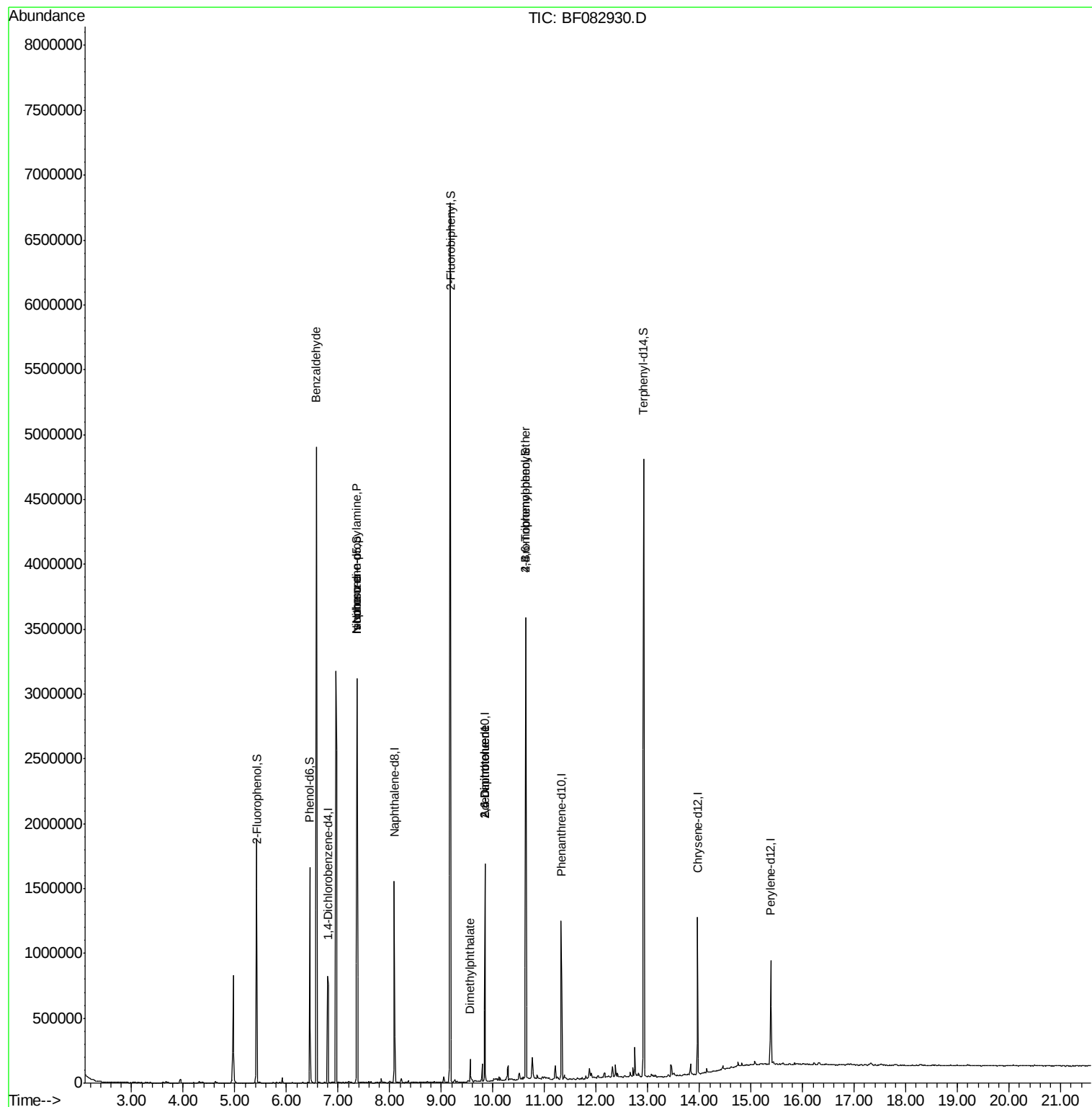
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	181809	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	649357	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	341094	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	548367	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	391217	20.00	ng	-0.06
86) Perylene-d12	15.38	264	381507	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	683188	58.47	ng	-0.02
7) Phenol-d6	6.45	99	537278	34.59	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1188312	79.63	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	375123	95.92	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1879819	78.99	ng	-0.05
78) Terphenyl-d14	12.92	244	1681917	101.97	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	31856	3.71	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.37	70	159286	13.95	ng	# 71
25) Isophorone	7.37	82	1176873	42.62	ng	# 69
49) Dimethylphthalate	9.56	163	63246	2.26	ng	99
50) 2,6-Dinitrotoluene	9.85	165	42622	7.15	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	42625	5.27	ng	# 15
66) 4-Bromophenyl-phenylether	10.64	248	26283	3.98	ng	# 1

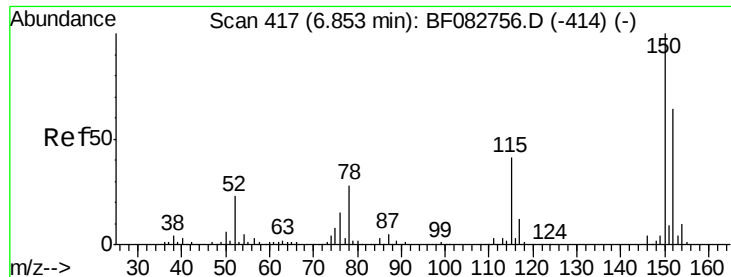
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082930.D

Acq: 14 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

DSN001

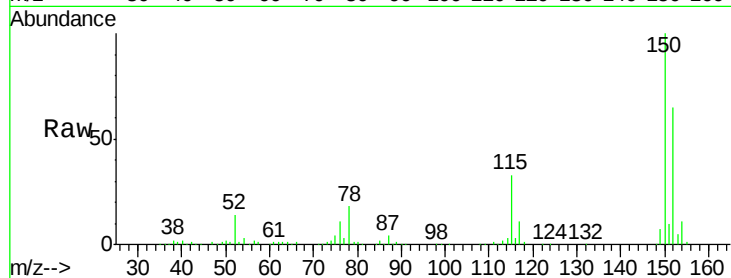
Tgt Ion:152 Resp: 181809

Ion Ratio Lower Upper

152 100

150 154.1 127.0 190.4

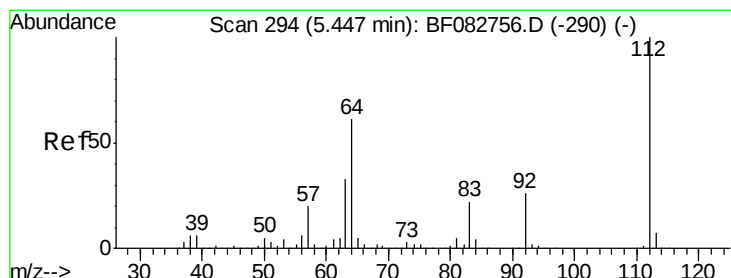
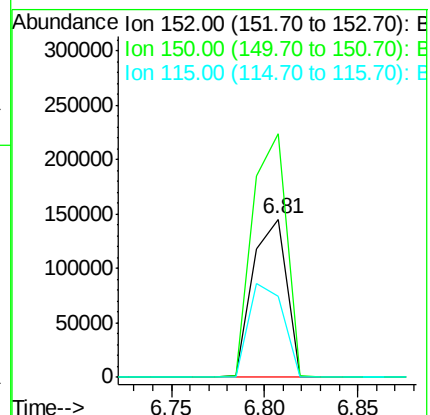
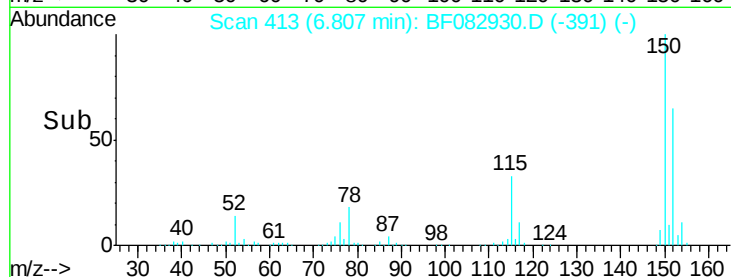
115 51.2 47.0 70.6



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: 58.47 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082930.D

Acq: 14 Nov 2015 8:09

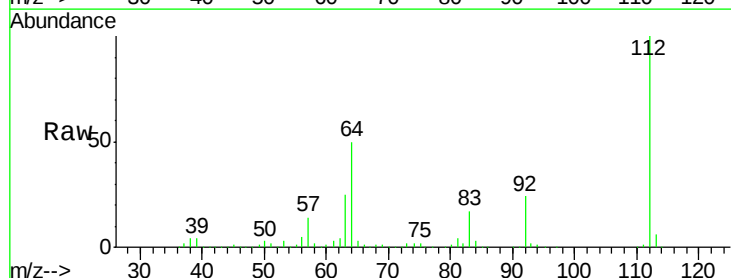
Tgt Ion:112 Resp: 683188

Ion Ratio Lower Upper

112 100

64 50.4 48.9 73.3

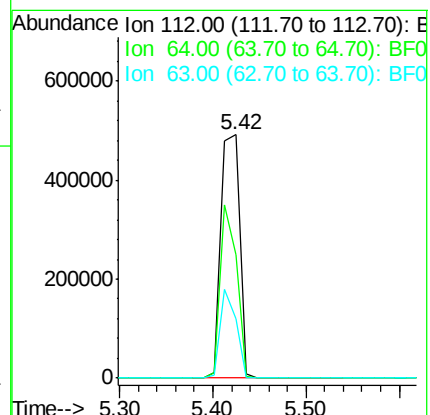
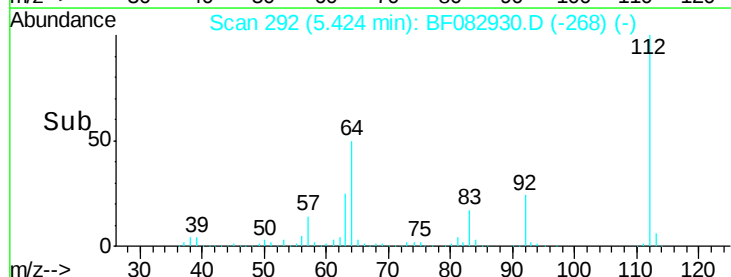
63 24.6 28.1 42.1#

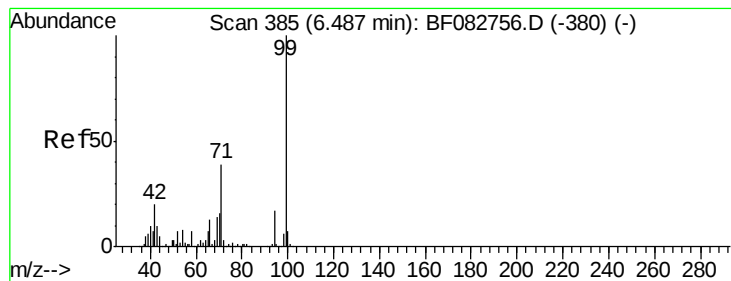


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.59 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082930.D

Acq: 14 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

DSN001

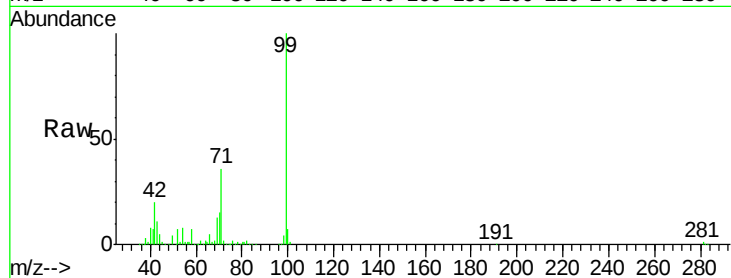
Tgt Ion: 99 Resp: 537278

Ion Ratio Lower Upper

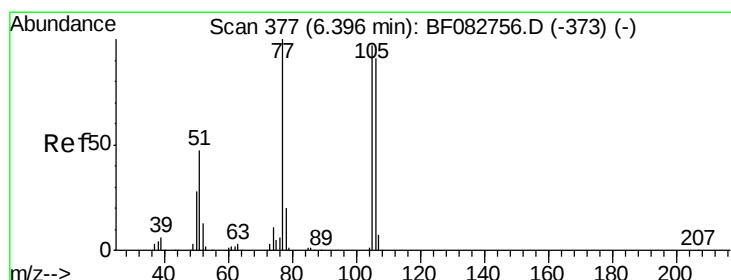
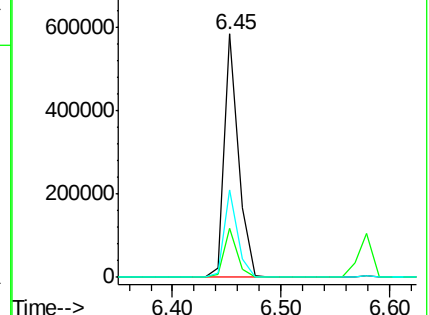
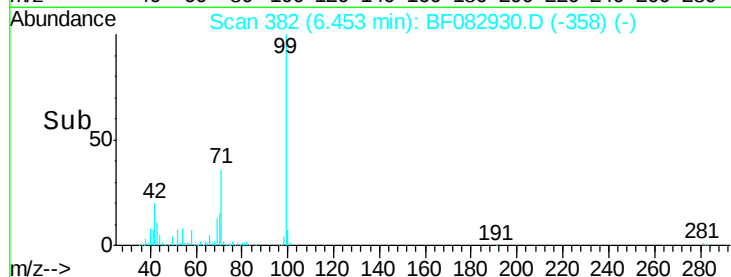
99 100

42 20.2 19.2 28.8

71 36.0 35.0 52.4



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: 3.71 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082930.D

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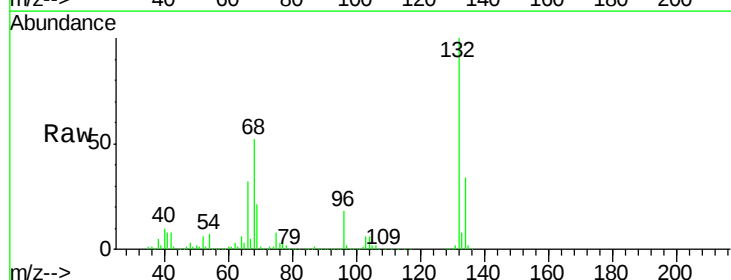
Tgt Ion: 77 Resp: 31856

Ion Ratio Lower Upper

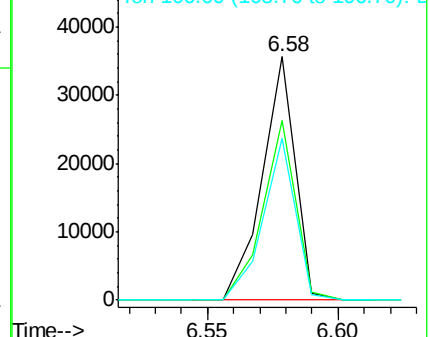
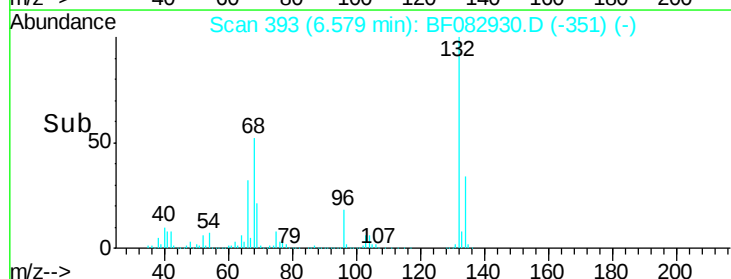
77 100

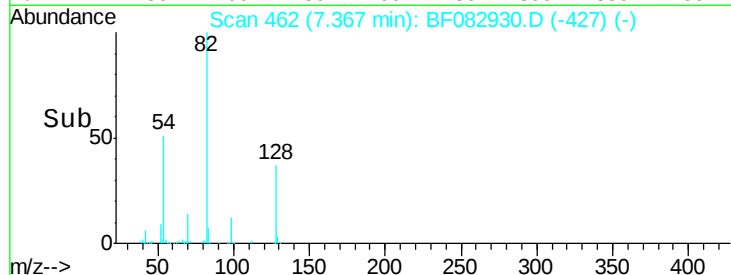
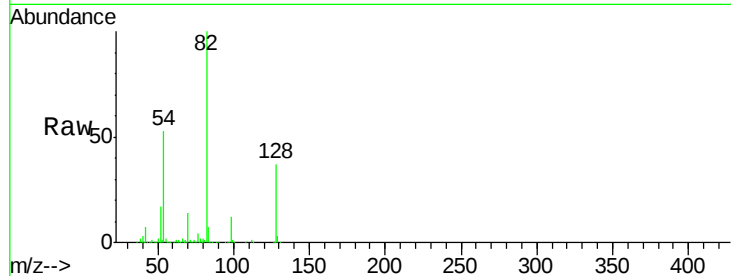
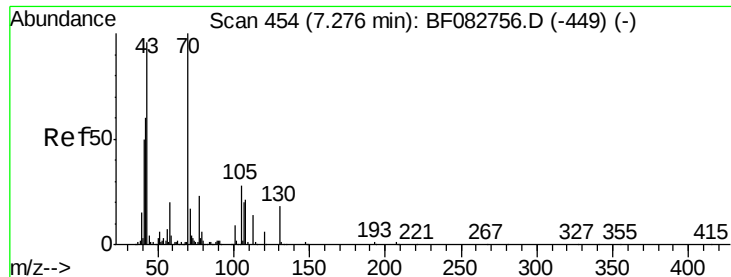
105 73.9 63.5 103.5

106 66.4 59.3 99.3



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

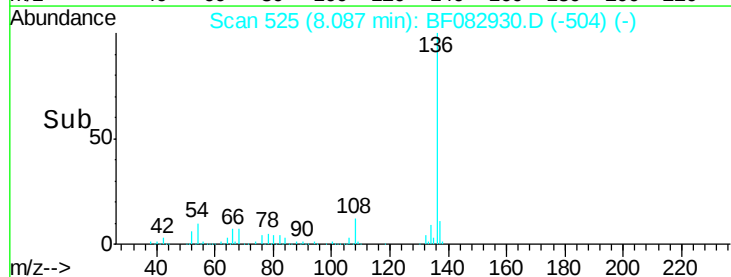
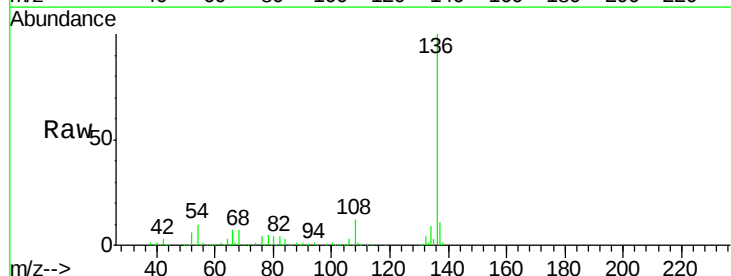
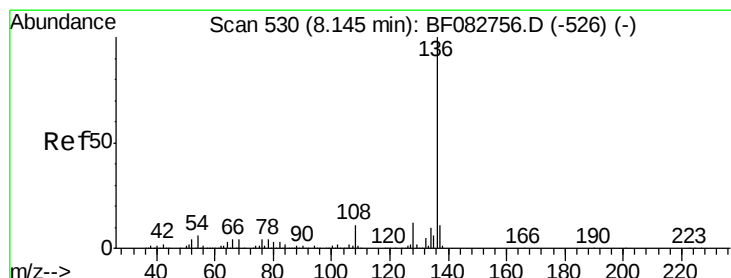
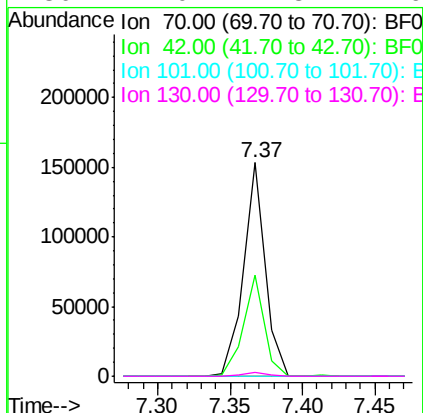




#19
n-Nitroso-di-n-propylamine
Concen: 13.95 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082930.D
Acq: 14 Nov 2015 8:09

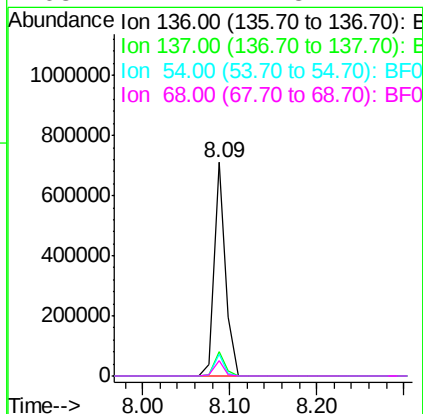
Instrument :
BNA_F
ClientSampleId :
DSN001

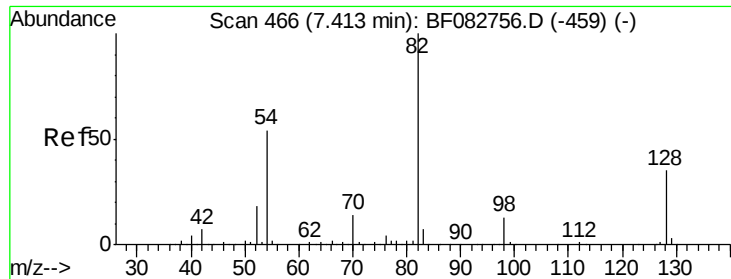
Tgt Ion:	70	Resp:	159286
Ion	Ratio	Lower	Upper
70	100		
42	47.4	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082930.D
Acq: 14 Nov 2015 8:09

Tgt Ion:	136	Resp:	649357
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.4	9.1	13.7
68	7.4	4.8	7.2#

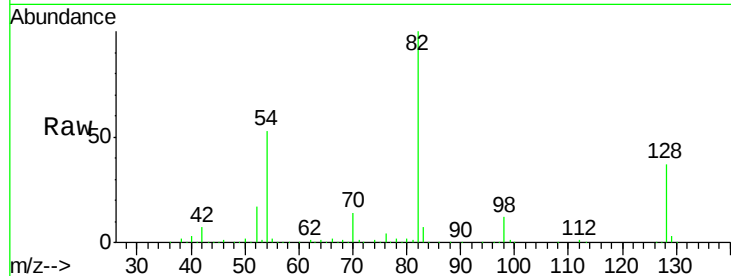




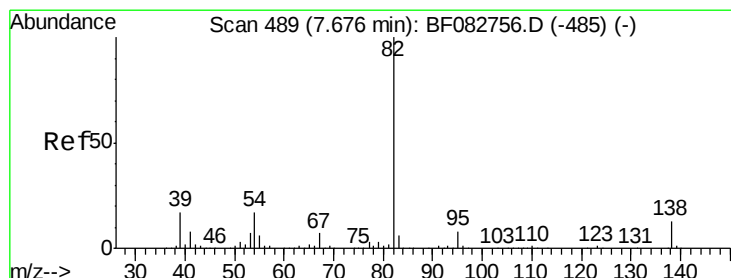
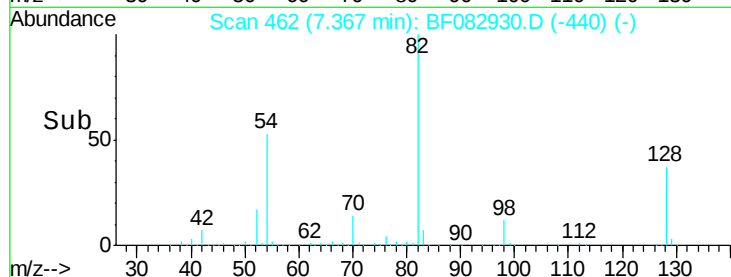
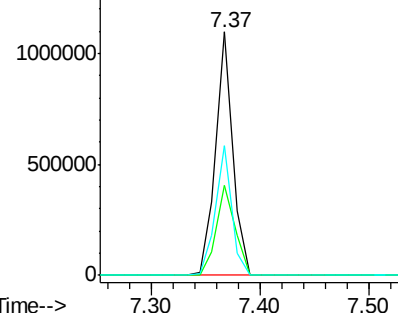
#23
 Nitrobenzene-d5
 Concen: 79.63 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082930.D
 Acq: 14 Nov 2015 8:09

Instrument :
 BNA_F
 ClientSampled :
 DSN001

Tgt Ion: 82 Resp: 1188312
 Ion Ratio Lower Upper
 82 100
 128 36.9 26.8 40.2
 54 53.4 45.7 68.5

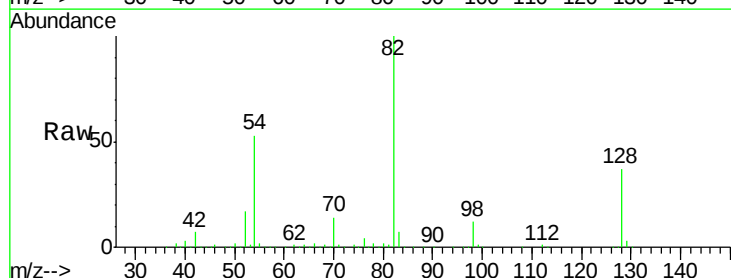


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

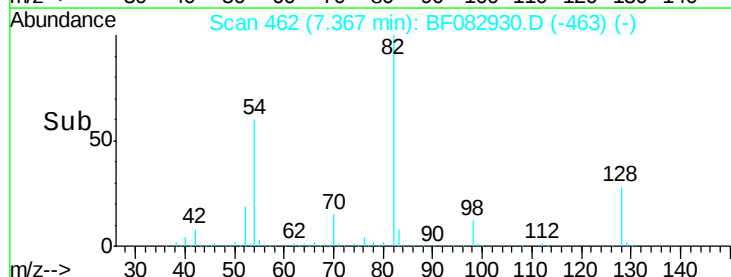
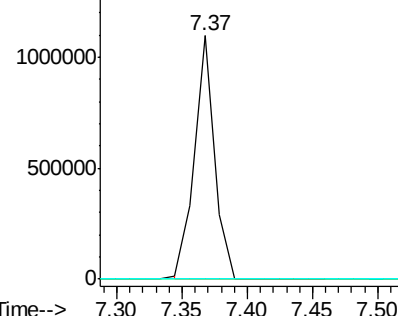


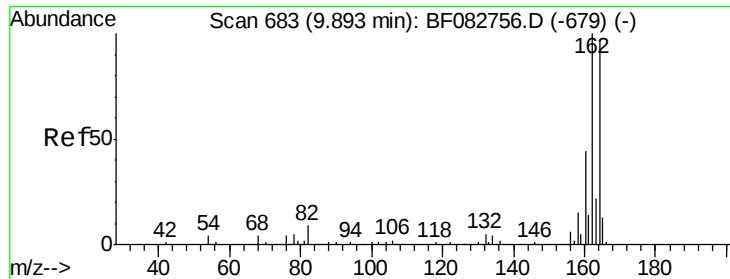
#25
 Isophorone
 Concen: 42.62 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082930.D
 Acq: 14 Nov 2015 8:09

Tgt Ion: 82 Resp: 1176873
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#



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

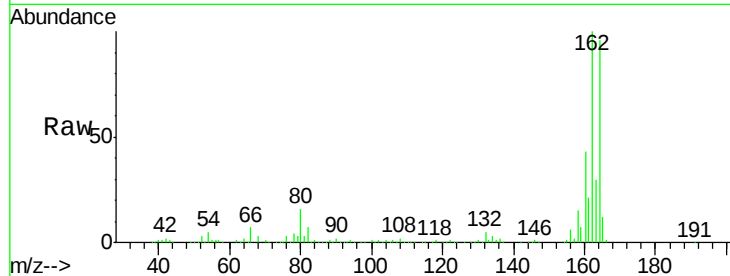




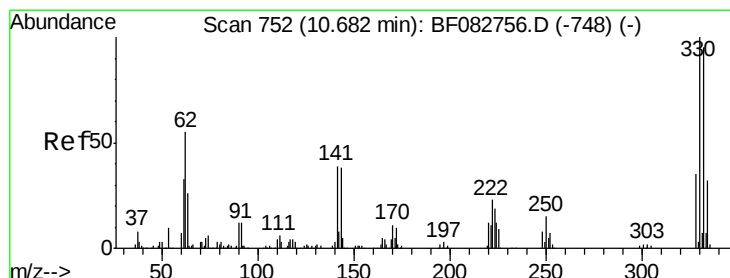
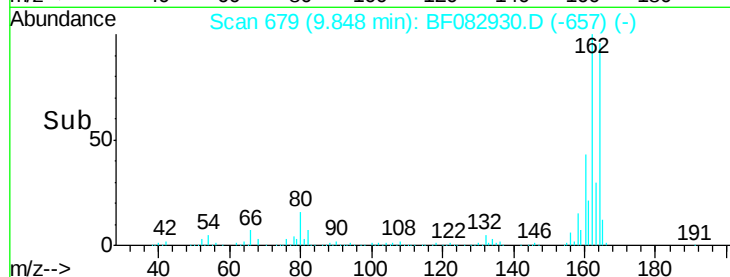
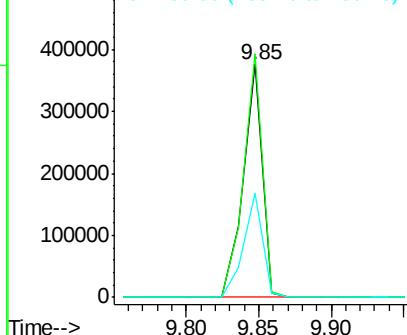
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082930.D
 Acq: 14 Nov 2015 8:09

Instrument :
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 ClientSampleId :
 DSN001

Tgt Ion:164 Resp: 341094
 Ion Ratio Lower Upper
 164 100
 162 104.6 84.9 127.3
 160 45.0 37.5 56.3

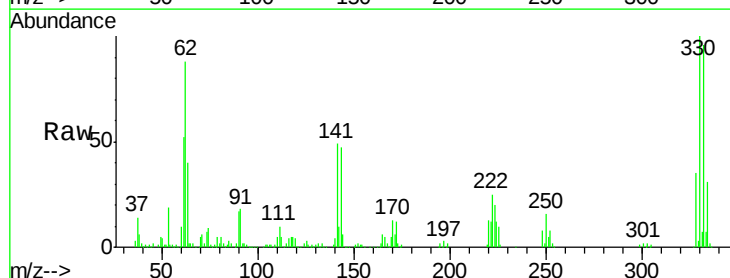


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

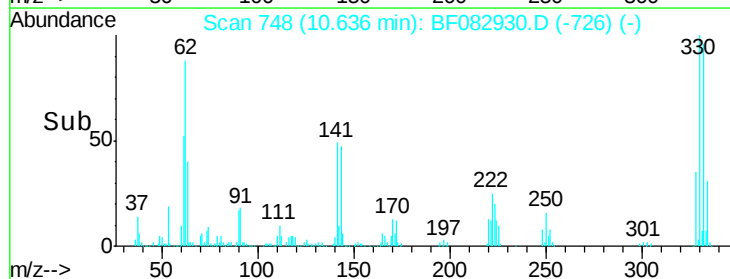
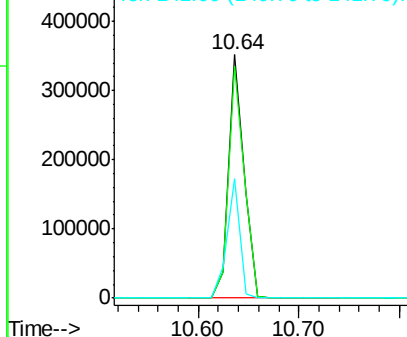


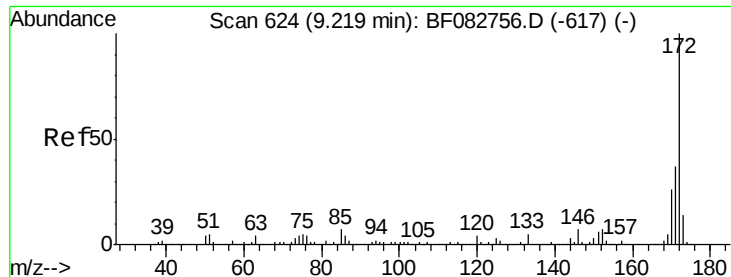
#41
 2,4,6-Tribromophenol
 Concen: 95.92 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082930.D
 Acq: 14 Nov 2015 8:09

Tgt Ion:330 Resp: 375123
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 41.5 41.2 61.8



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

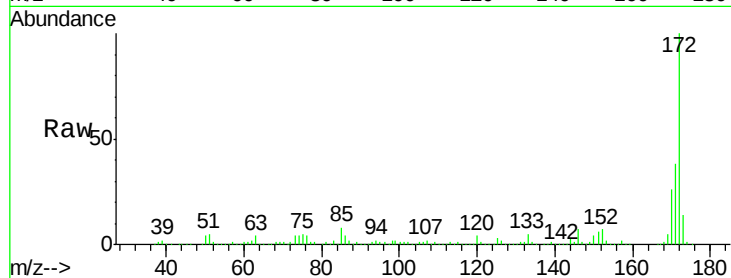




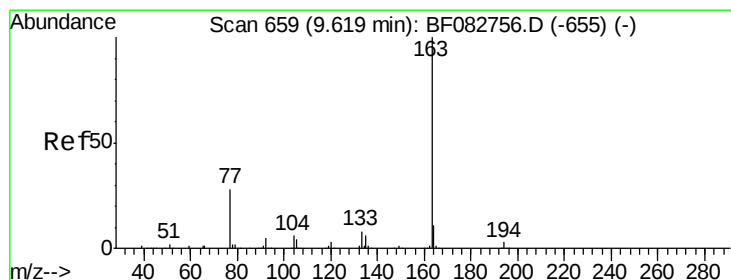
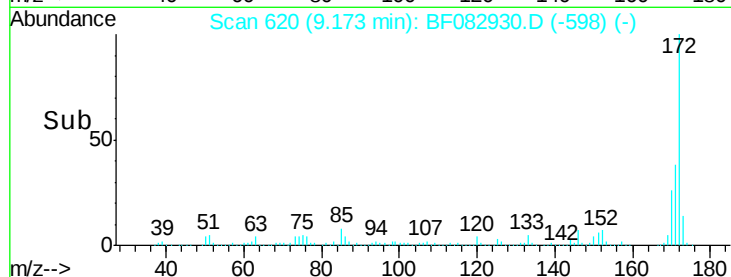
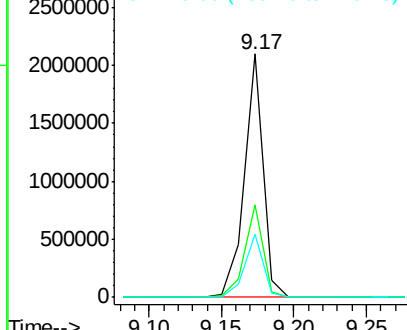
#44
2-Fluorobiphenyl
Concen: 78.99 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082930.D
Acq: 14 Nov 2015 8:09

Instrument :
BNA_F
ClientSampled :
DSN001

Tgt Ion:172 Resp: 1879819
Ion Ratio Lower Upper
172 100
171 38.1 30.8 46.2
170 25.9 21.2 31.8

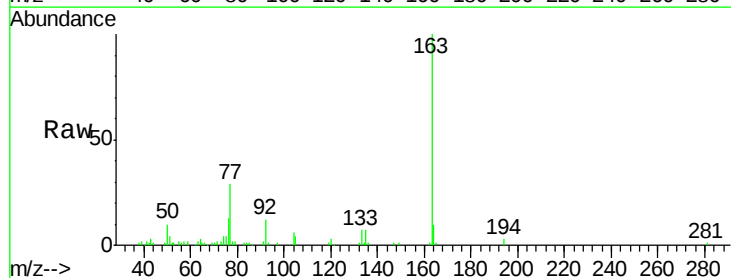


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

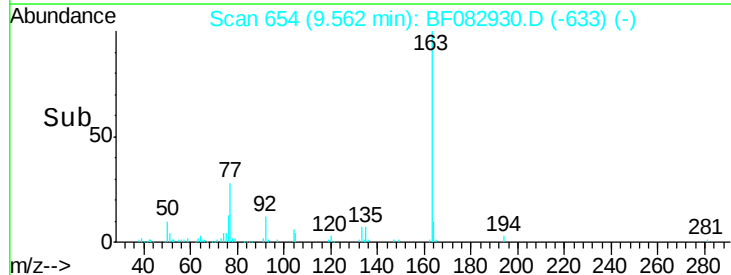
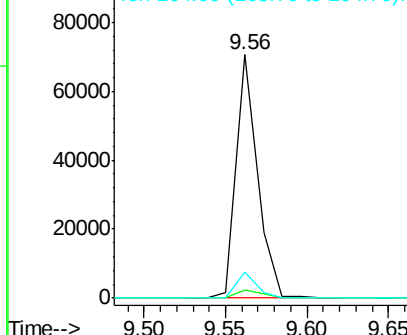


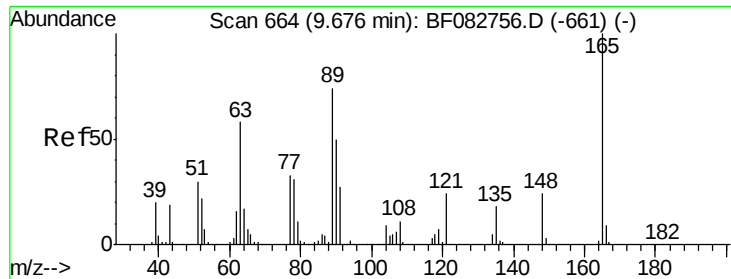
#49
Dimethylphthalate
Concen: 2.26 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF082930.D
Acq: 14 Nov 2015 8:09

Tgt Ion:163 Resp: 63246
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

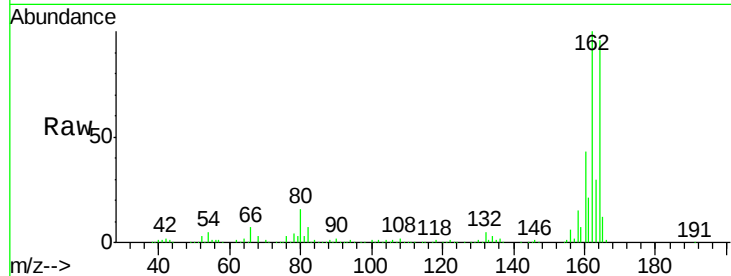




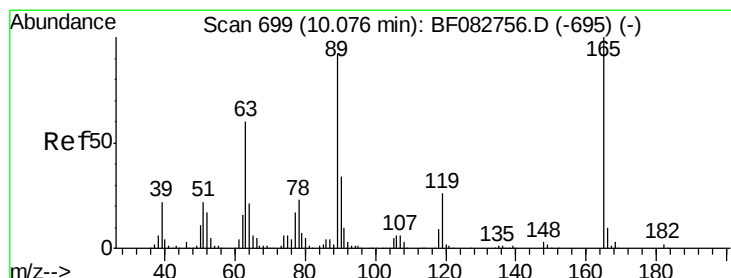
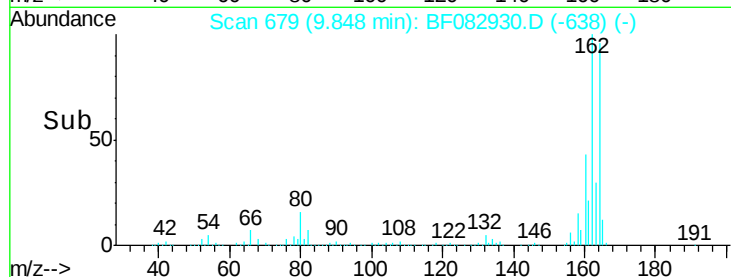
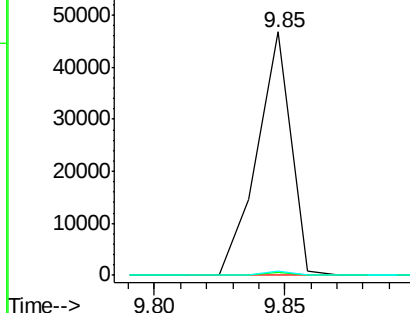
#50
 2,6-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.17 min
 Lab File: BF082930.D
 Acq: 14 Nov 2015 8:09

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 DSN001

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	55.5	83.3#
89	1.6	55.0	82.6#

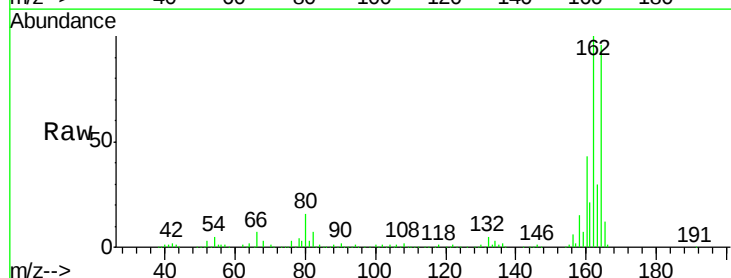


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

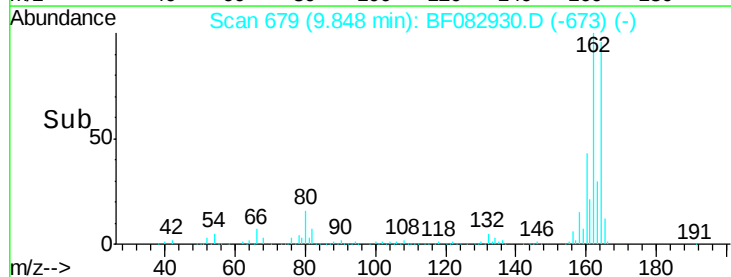
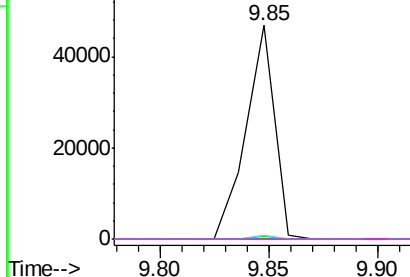


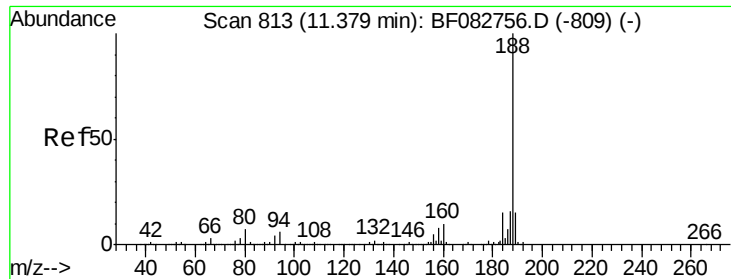
#56
 2,4-Dinitrotoluene
 Concen: 5.27 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.23 min
 Lab File: BF082930.D
 Acq: 14 Nov 2015 8:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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

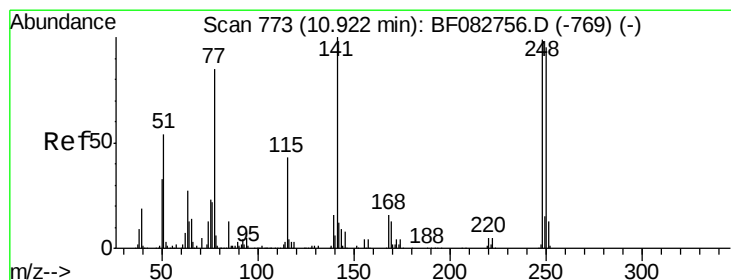
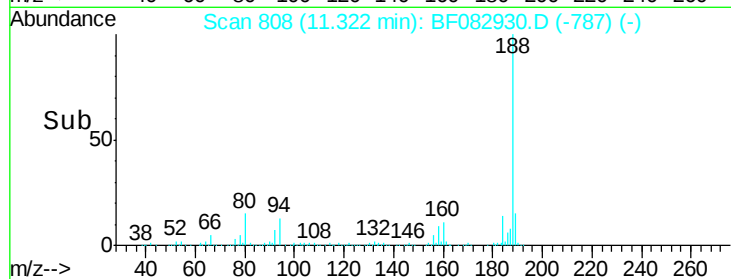
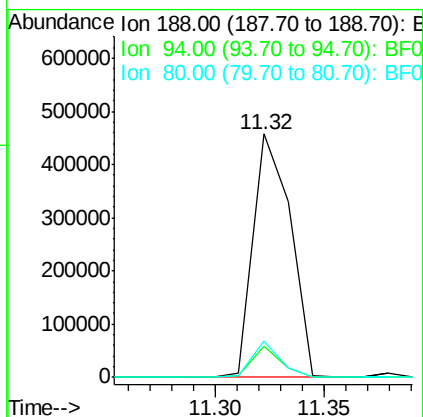
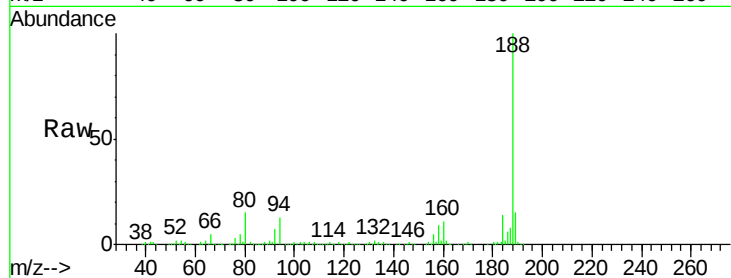




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082930.D
Acq: 14 Nov 2015 8:09

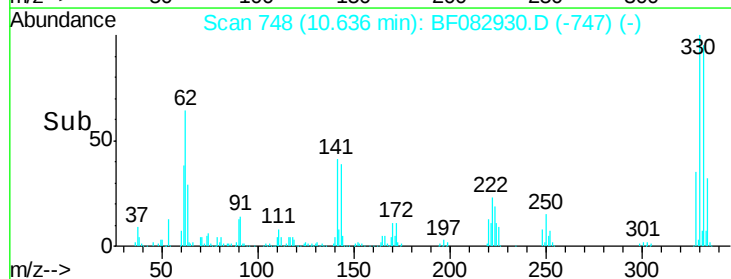
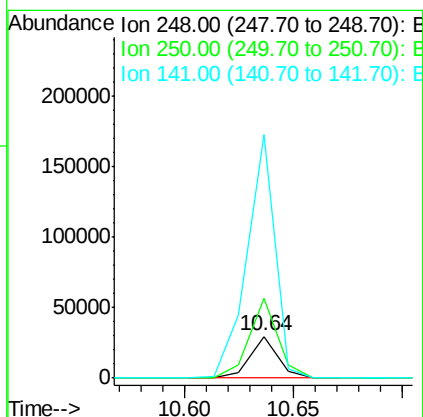
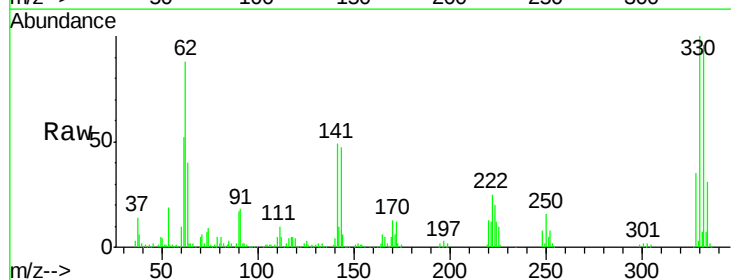
Instrument :
BNA_F
ClientSampleId :
DSN001

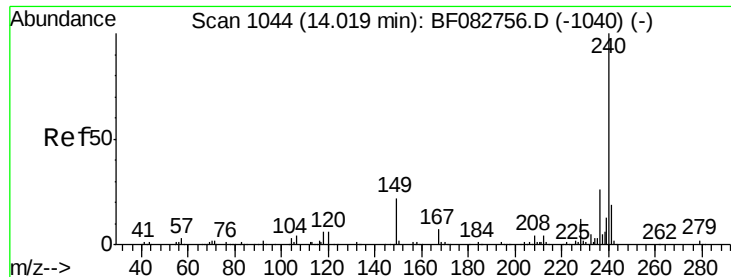
Tgt Ion:188 Resp: 548367
Ion Ratio Lower Upper
188 100
94 12.8 6.1 9.1#
80 14.9 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF082930.D
Acq: 14 Nov 2015 8:09

Tgt Ion:248 Resp: 26283
Ion Ratio Lower Upper
248 100
250 190.0 79.4 119.2#
141 584.4 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082930.D

Acq: 14 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

DSN001

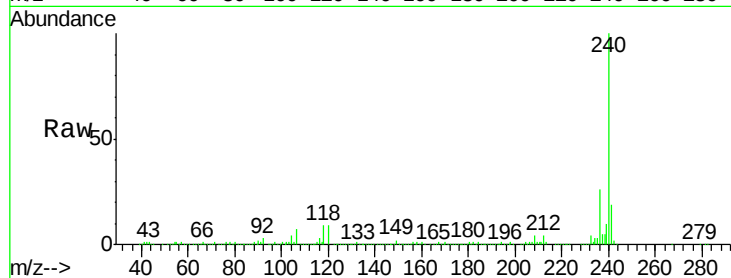
Tgt Ion:240 Resp: 391217

Ion Ratio Lower Upper

240 100

120 9.4 10.9 16.3#

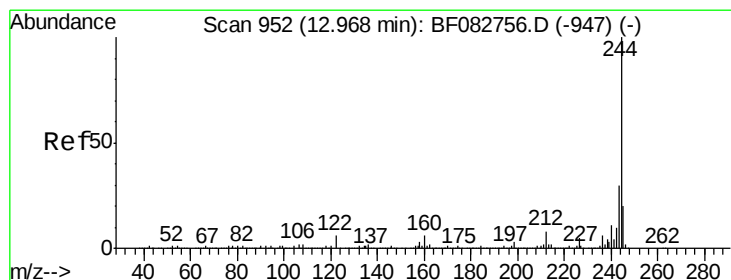
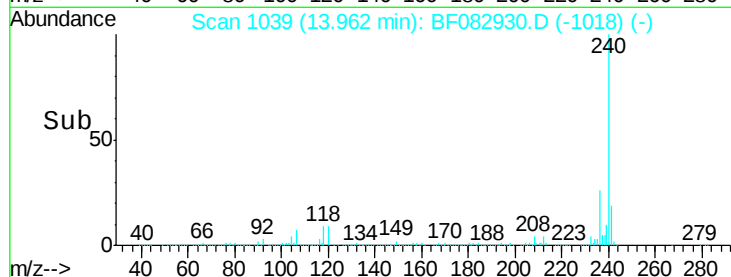
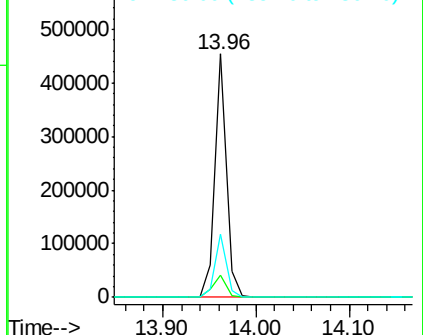
236 25.9 21.6 32.4



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: 101.97 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082930.D

Acq: 14 Nov 2015 8:09

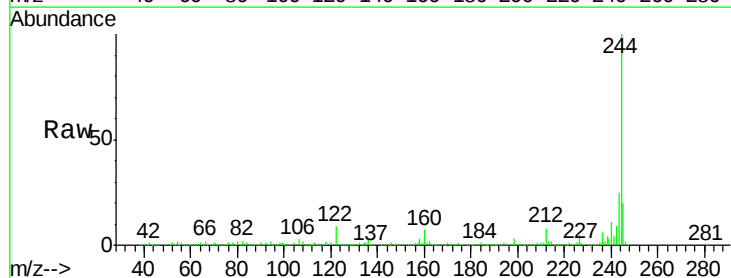
Tgt Ion:244 Resp: 1681917

Ion Ratio Lower Upper

244 100

212 7.6 7.6 11.4

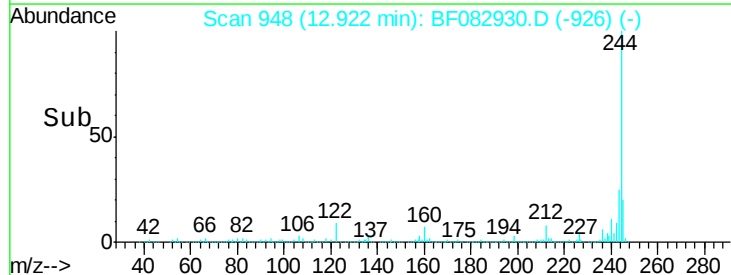
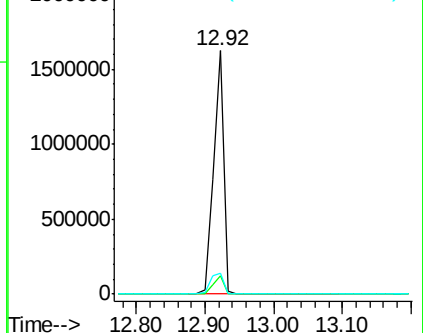
122 8.7 11.3 16.9#

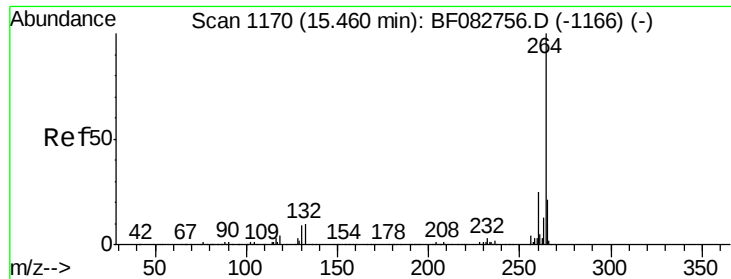


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.08 min
Lab File: BF082930.D
Acq: 14 Nov 2015 8:09

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion: 264 Resp: 381507
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.6
265 22.2 17.4 26.0

