

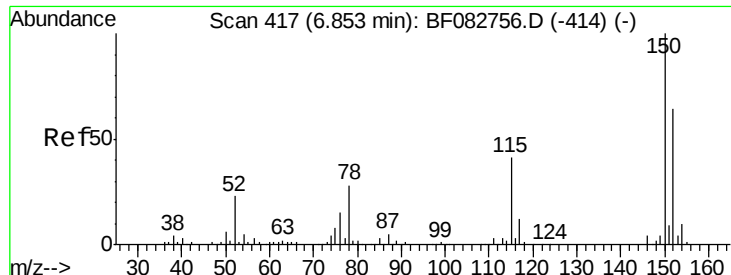
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082912.D
 Acq On : 13 Nov 2015 22:23
 Operator : UM/IZ
 Sample : G4370-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS001-01

Quant Time: Nov 14 03:08:41 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	247871	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	968109	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	438809	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	738471	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	559290	20.00	ng	-0.05
86) Perylene-d12	15.40	264	594577	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	824178	51.74	ng	-0.02
7) Phenol-d6	6.46	99	1187369	56.06	ng	-0.01
23) Nitrobenzene-d5	7.37	82	704524	31.67	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	245710	48.84	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	885960	28.94	ng	-0.05
78) Terphenyl-d14	12.92	244	713425	30.25	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	90564	5.82	ng	# 71
25) Isophorone	7.37	82	646576	15.71	ng	# 69
49) Dimethylphthalate	9.57	163	362207	10.07	ng	99
56) 2,4-Dinitrotoluene	9.85	165	54345	5.22	ng	# 16

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01

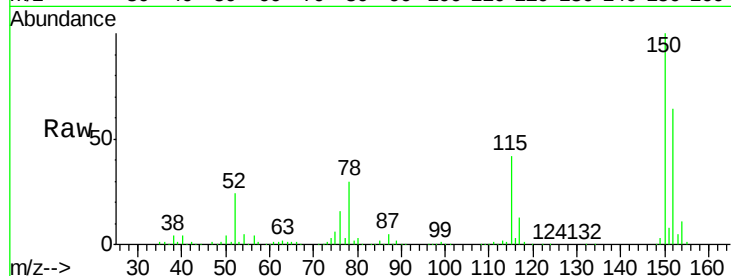
Tgt Ion:152 Resp: 247871

Ion Ratio Lower Upper

152 100

150 156.0 127.0 190.4

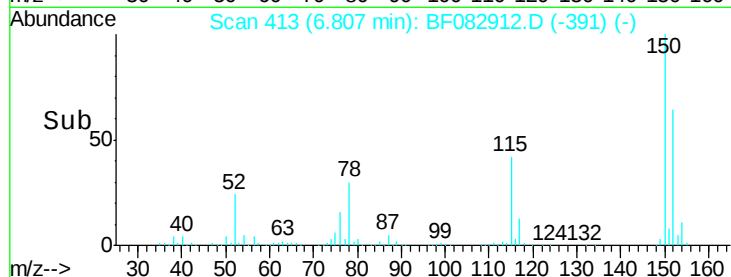
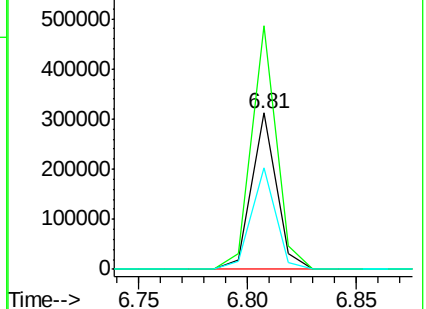
115 65.3 47.0 70.6



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: 51.74 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

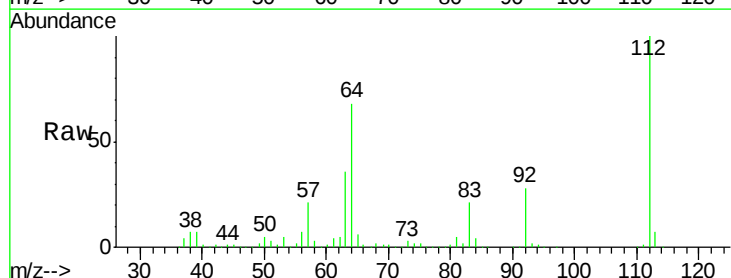
Tgt Ion:112 Resp: 824178

Ion Ratio Lower Upper

112 100

64 68.3 48.9 73.3

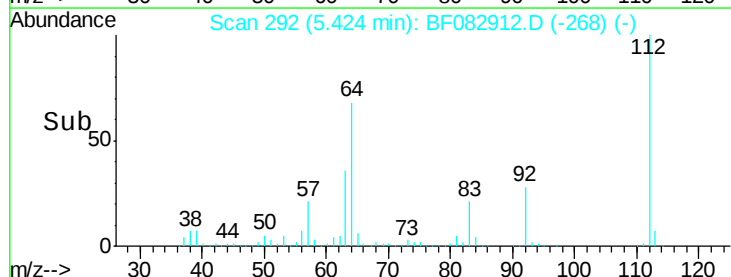
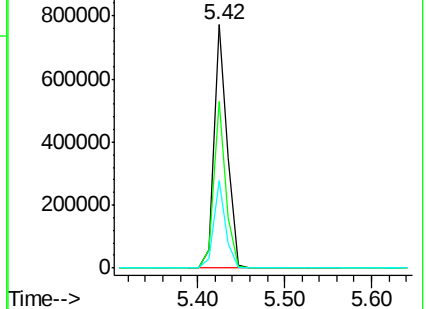
63 35.7 28.1 42.1

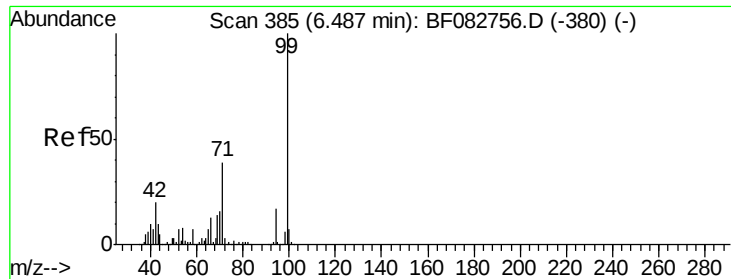


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 56.06 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01

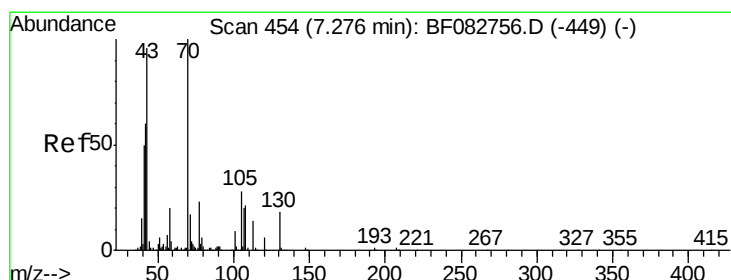
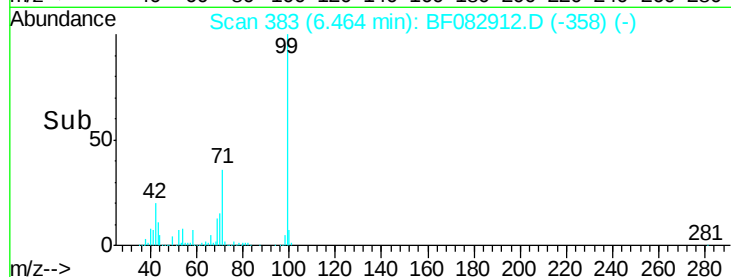
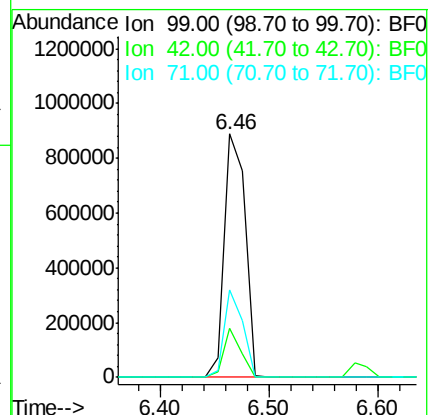
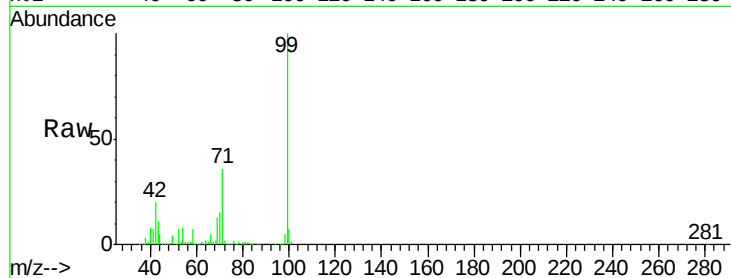
Tgt Ion: 99 Resp: 1187369

Ion Ratio Lower Upper

99 100

42 20.1 19.2 28.8

71 35.9 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.82 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.10 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

Tgt Ion: 70 Resp: 90564

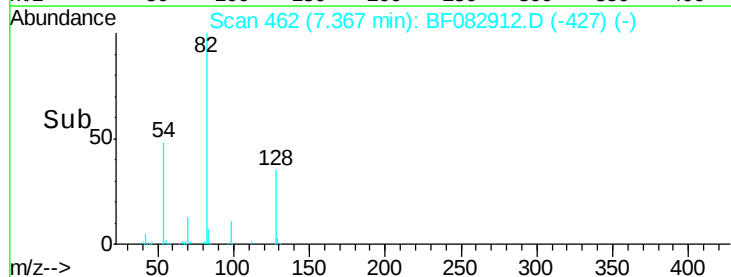
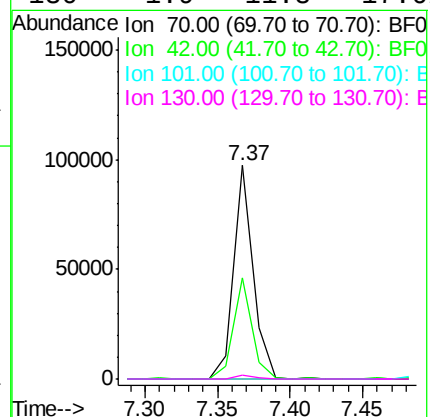
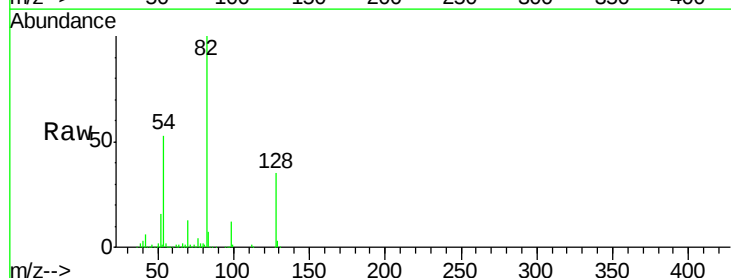
Ion Ratio Lower Upper

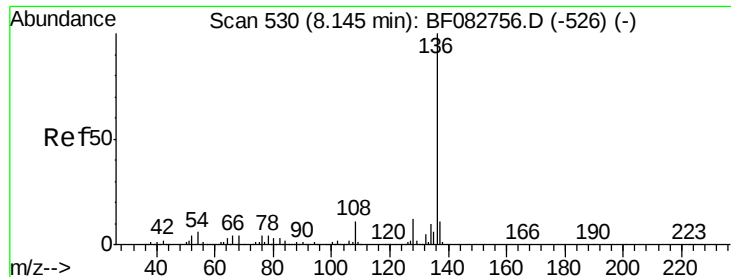
70 100

42 47.4 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#

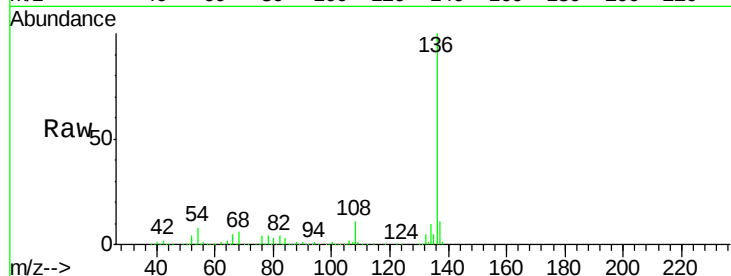




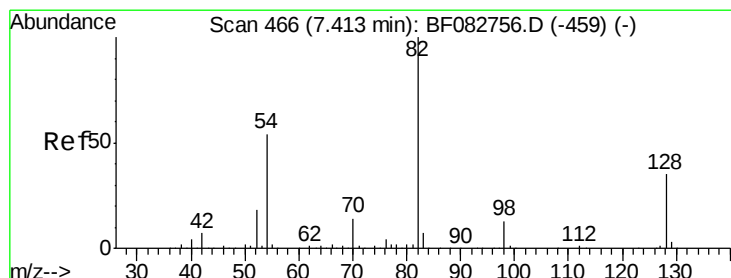
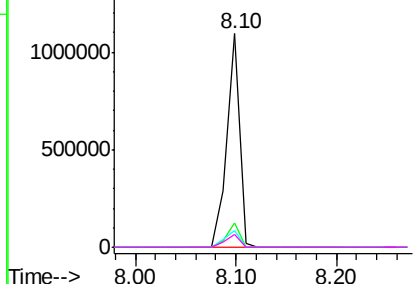
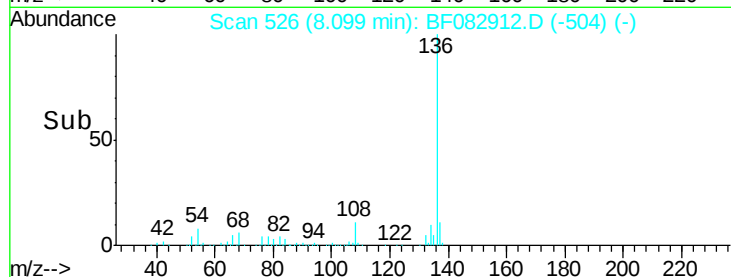
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082912.D
Acq: 13 Nov 2015 22:23

Instrument :
BNA_F
ClientSampleId :
P001-TS001-01

Tgt Ion:	136	Resp:	968109
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.9	9.1	13.7#
68	5.9	4.8	7.2

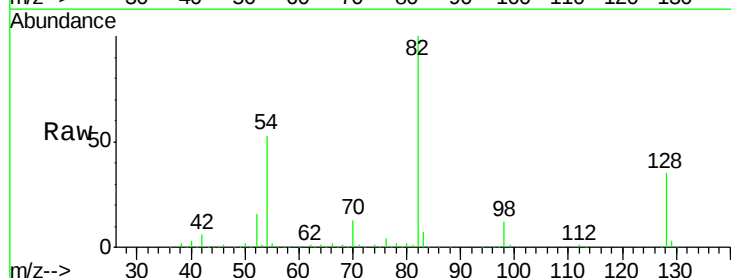


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

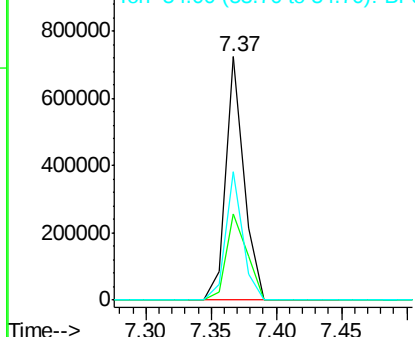
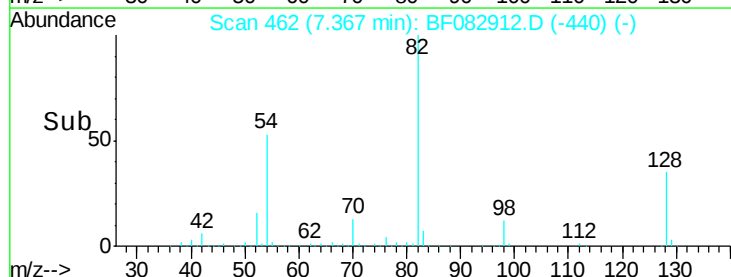


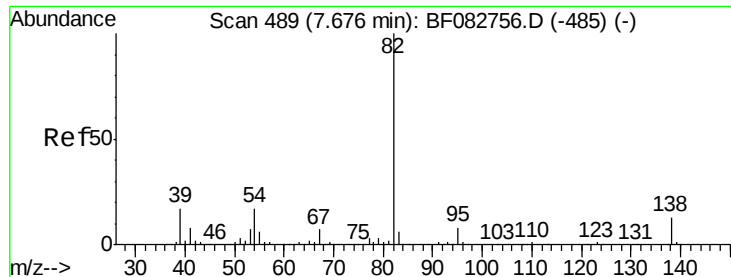
#23
Nitrobenzene-d5
Concen: 31.67 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082912.D
Acq: 13 Nov 2015 22:23

Tgt Ion:	82	Resp:	704524
Ion	Ratio	Lower	Upper
82	100		
128	35.3	26.8	40.2
54	52.9	45.7	68.5



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





#25

Isophorone

Concen: 15.71 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01

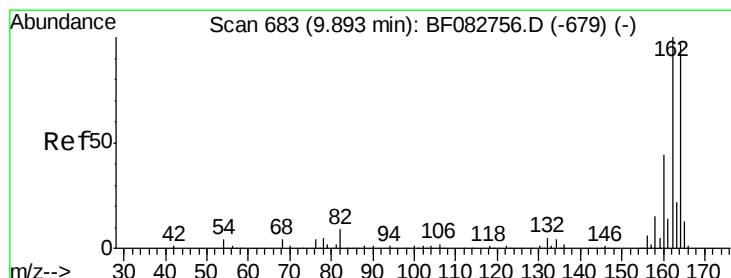
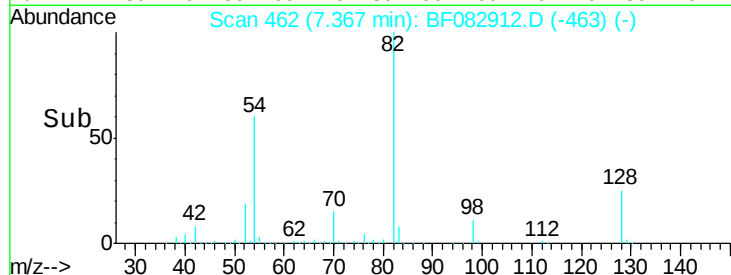
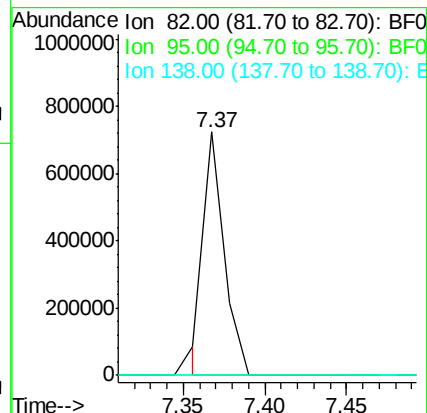
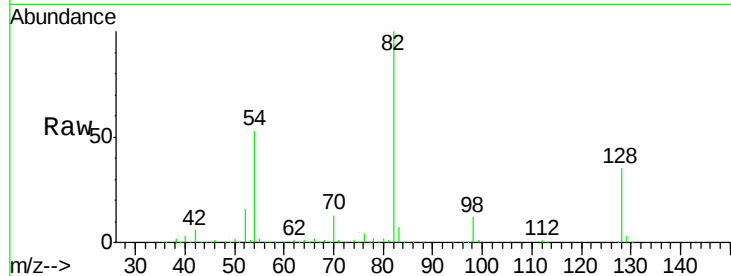
Tgt Ion: 82 Resp: 646576

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: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

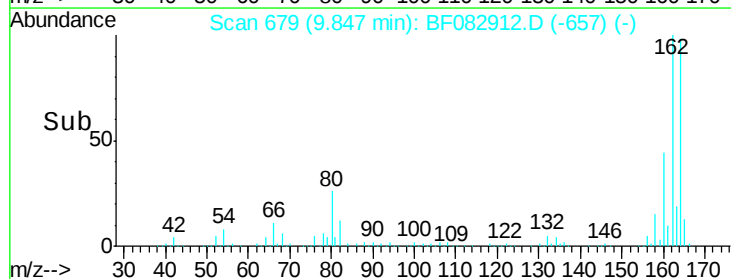
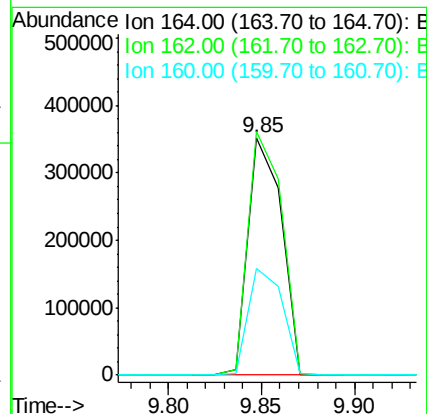
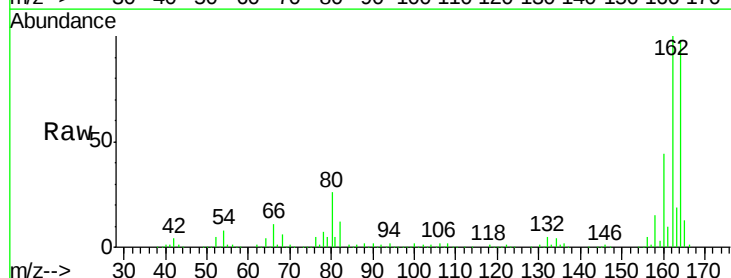
Tgt Ion: 164 Resp: 438809

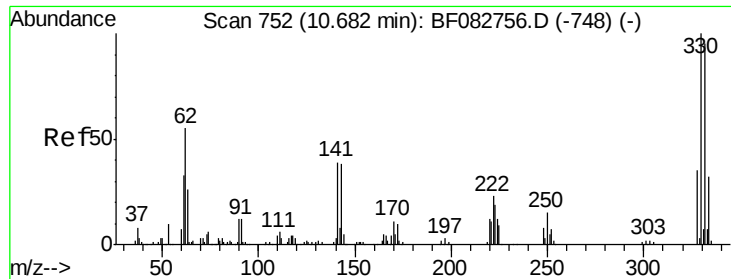
Ion Ratio Lower Upper

164 100

162 102.4 84.9 127.3

160 44.6 37.5 56.3

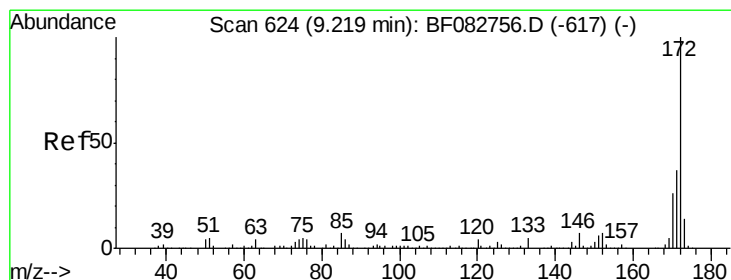
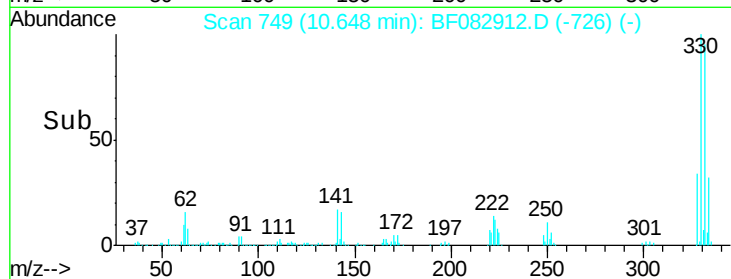
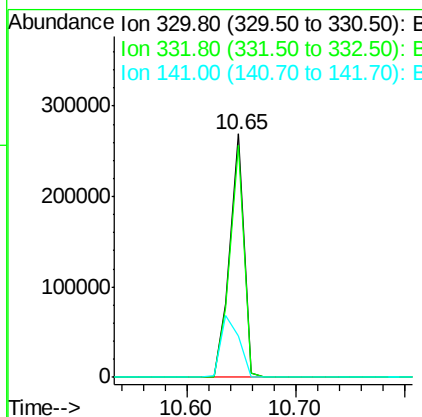
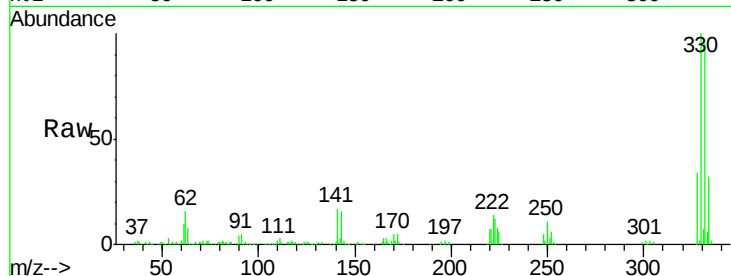




#41
 2,4,6-Tribromophenol
 Concen: 48.84 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082912.D
 Acq: 13 Nov 2015 22:23

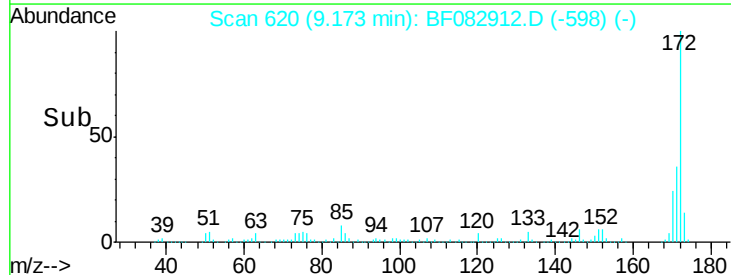
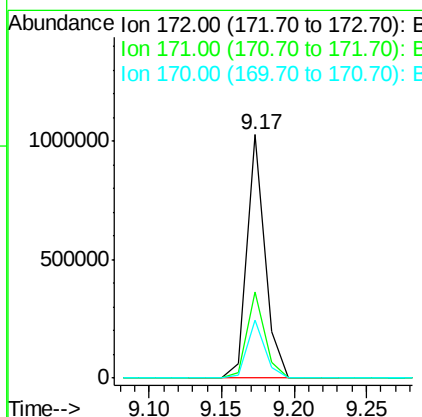
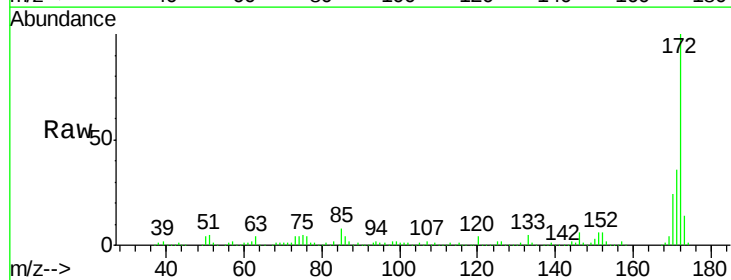
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS001-01

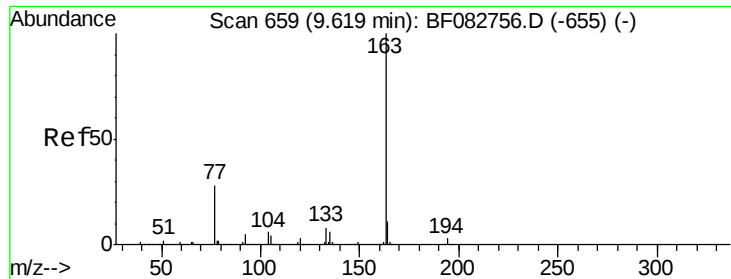
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	32.6	41.2	61.8#



#44
 2-Fluorobiphenyl
 Concen: 28.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082912.D
 Acq: 13 Nov 2015 22:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.8	46.2
170	23.6	21.2	31.8

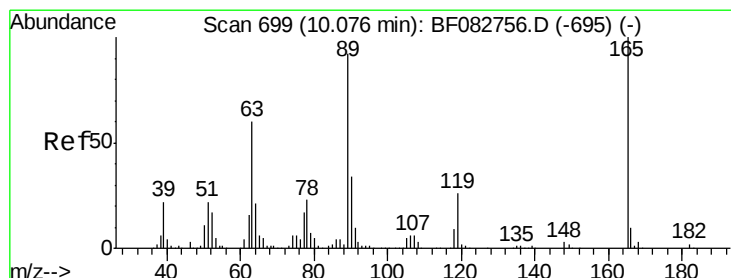
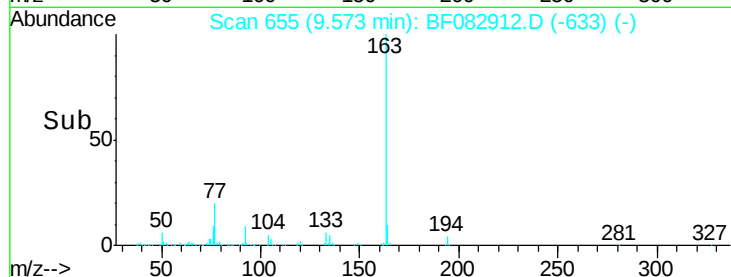
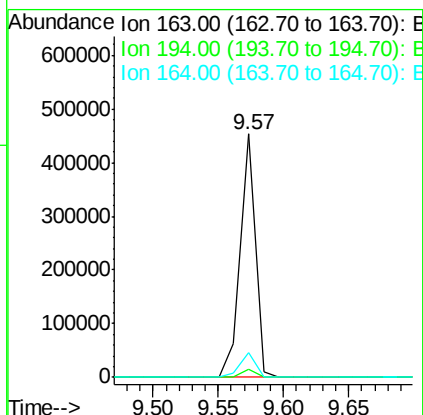
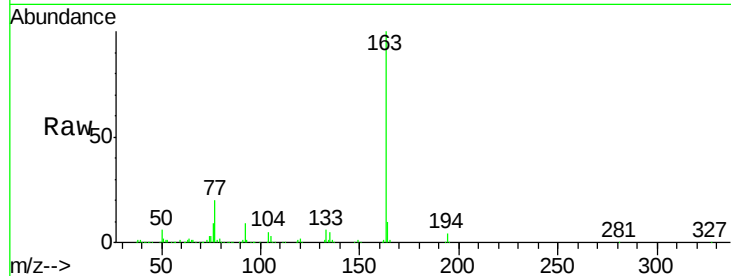




#49
Dimethylphthalate
Concen: 10.07 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082912.D
Acq: 13 Nov 2015 22:23

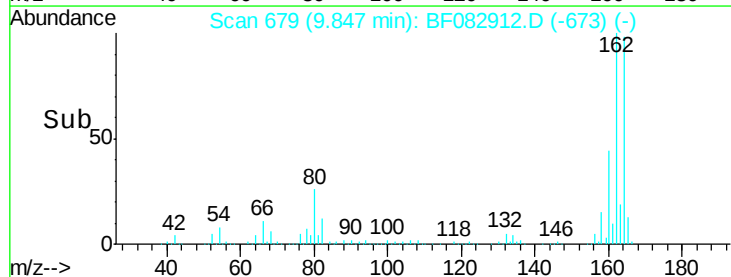
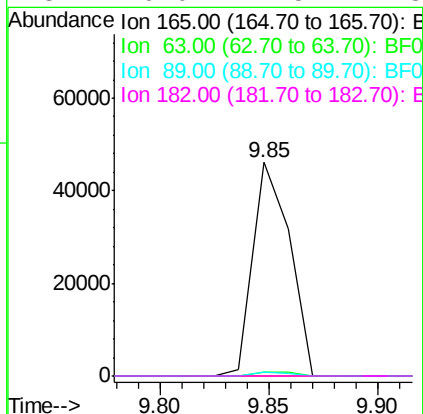
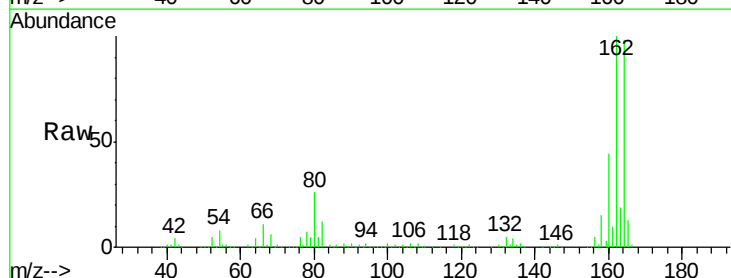
Instrument :
BNA_F
ClientSampleId :
P001-TS001-01

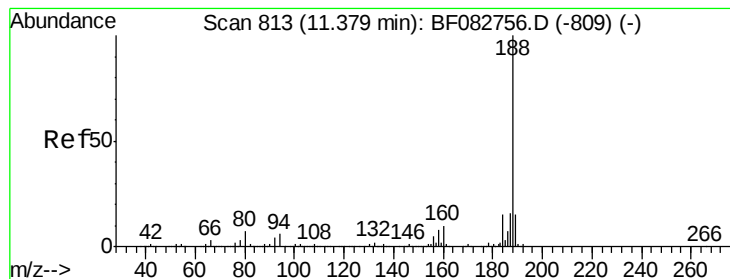
Tgt Ion:163 Resp: 362207
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.22 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.23 min
Lab File: BF082912.D
Acq: 13 Nov 2015 22:23

Tgt Ion:165 Resp: 54345
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 1.7 70.6 106.0#
182 0.0 1.5 2.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01

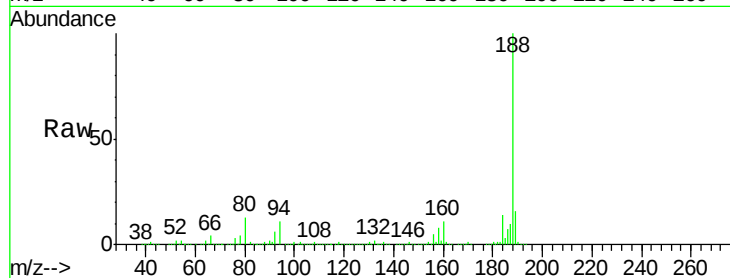
Tgt Ion:188 Resp: 738471

Ion Ratio Lower Upper

188 100

94 11.3 6.1 9.1#

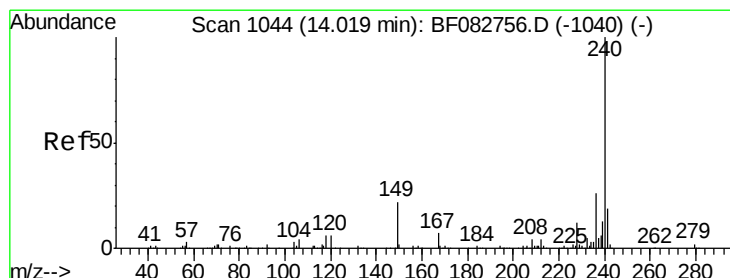
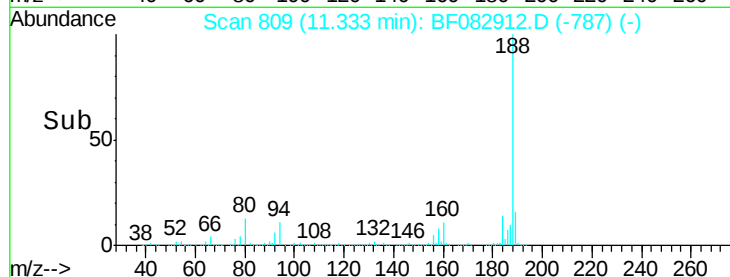
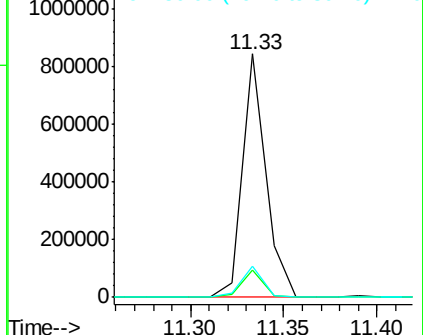
80 12.6 7.0 10.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

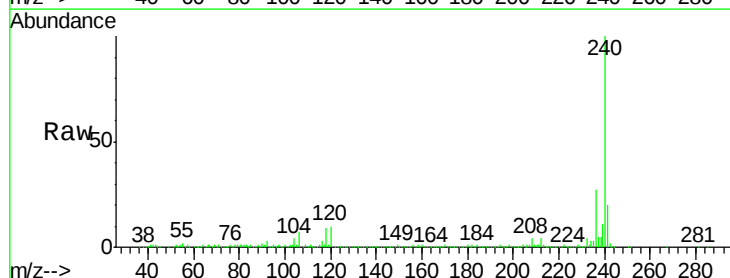
Tgt Ion:240 Resp: 559290

Ion Ratio Lower Upper

240 100

120 10.1 10.9 16.3#

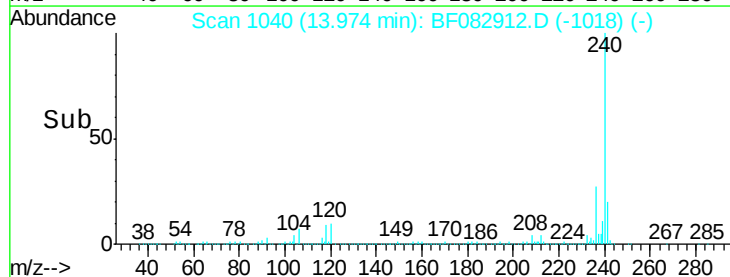
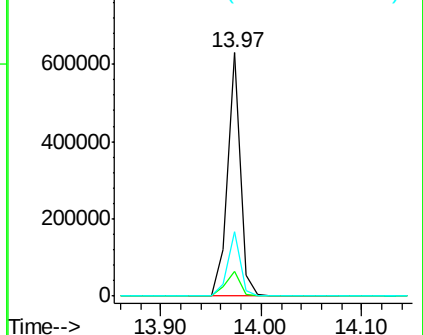
236 26.5 21.6 32.4

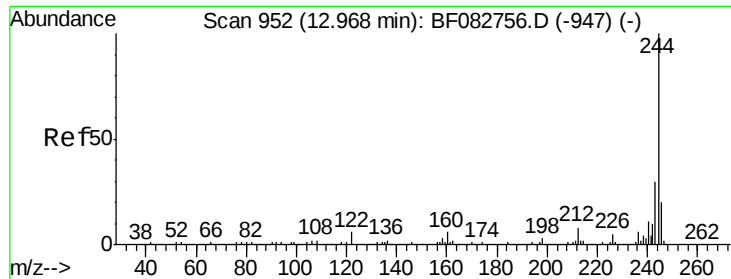


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

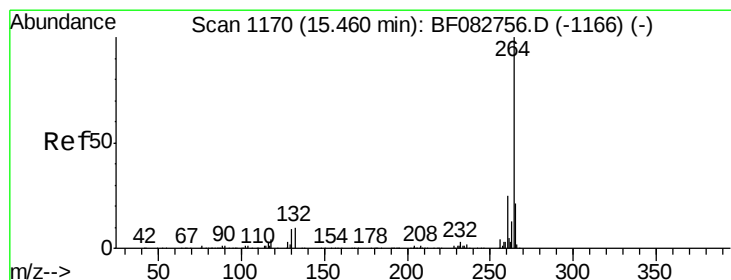
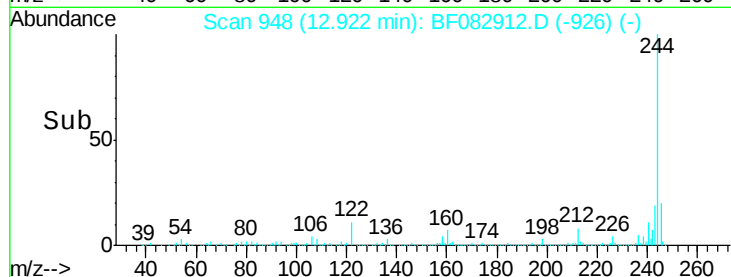
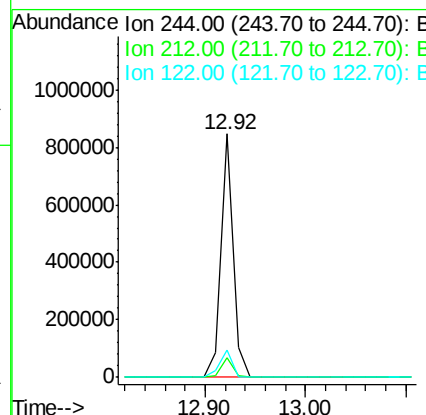
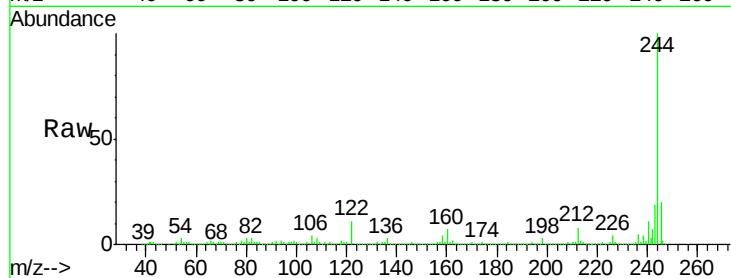




#78
 Terphenyl-d14
 Concen: 30.25 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF082912.D
 Acq: 13 Nov 2015 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS001-01

Tgt Ion:244 Resp: 713425
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 11.4 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082912.D
 Acq: 13 Nov 2015 22:23

Tgt Ion:264 Resp: 594577
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 22.0 17.4 26.0

