

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083492.D
 Acq On : 4 Dec 2015 7:32
 Operator : UM/IZ
 Sample : G4588-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 09:43:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

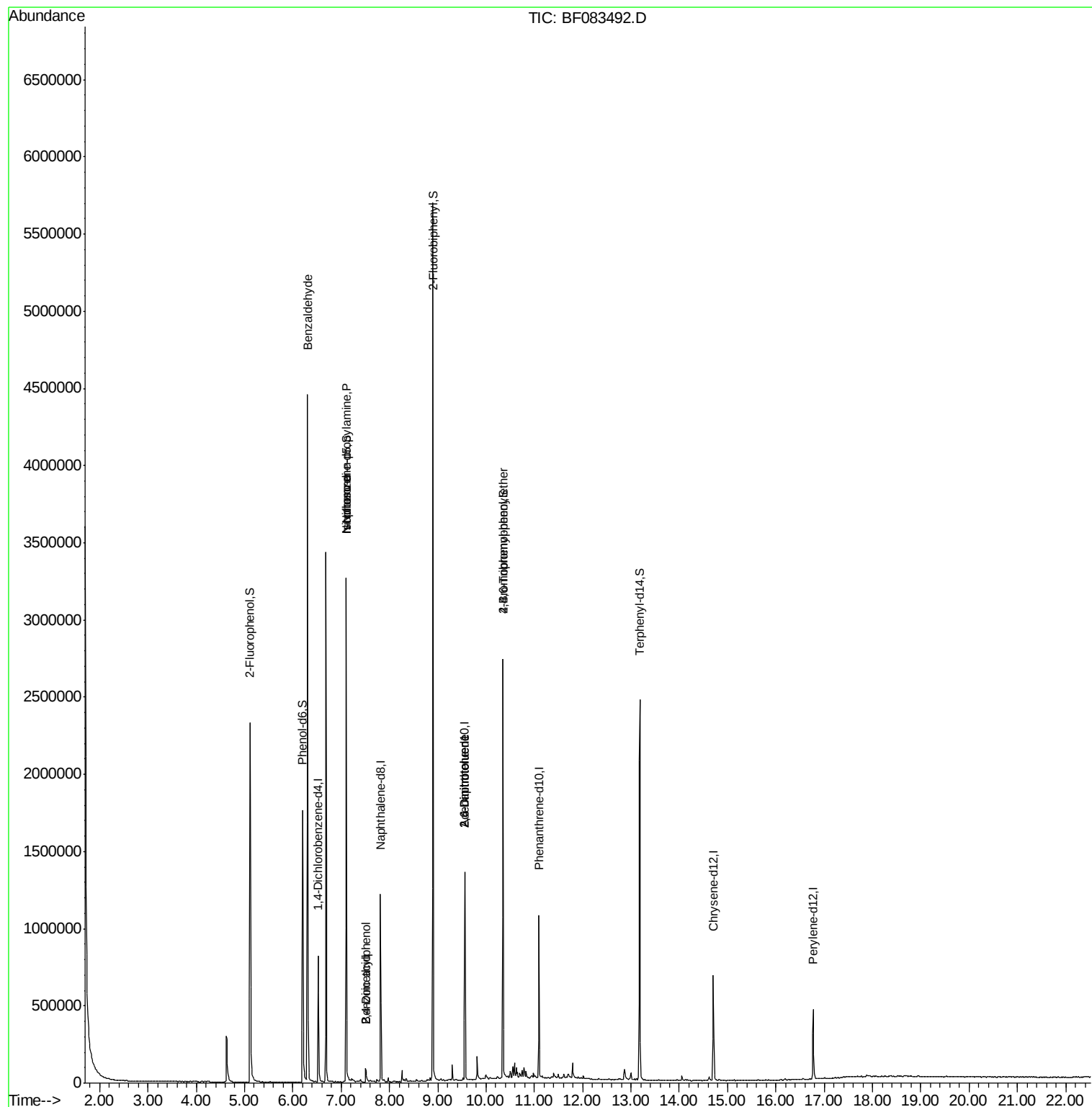
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	159661	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	583568	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	271909	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	407940	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	333547	20.00	ng	-0.06
86) Perylene-d12	16.77	264	256997	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	742334	69.77	ng	-0.01
7) Phenol-d6	6.20	99	665233	45.68	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1157927	87.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	306707	112.37	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1707413	89.48	ng	-0.02
78) Terphenyl-d14	13.19	244	1208061	86.38	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.30	77	31867	2.69	ng	# 75
19) n-Nitroso-di-n-propylamine	7.10	70	162807	15.64	ng	# 81
25) Isophorone	7.10	82	904439	35.17	ng	# 70
27) 2,4-Dimethylphenol	7.50	122	30364	3.13	ng	92
32) Benzoic acid	7.50	122	30364	4.54	ng	# 15
50) 2,6-Dinitrotoluene	9.56	165	34883	7.39	ng	# 19
56) 2,4-Dinitrotoluene	9.56	165	34883	5.83	ng	# 6
66) 4-Bromophenyl-phenylether	10.35	248	22401	5.02	ng	# 1

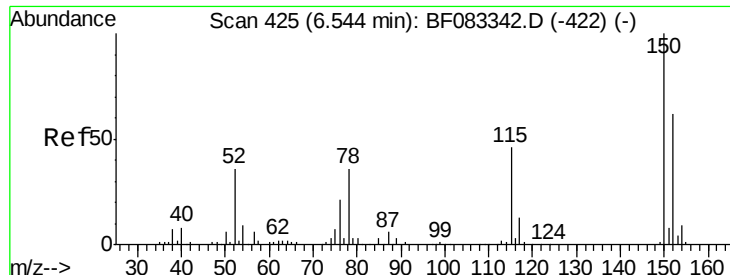
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Quant Time: Dec 04 09:43:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083492.D

Acq: 4 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

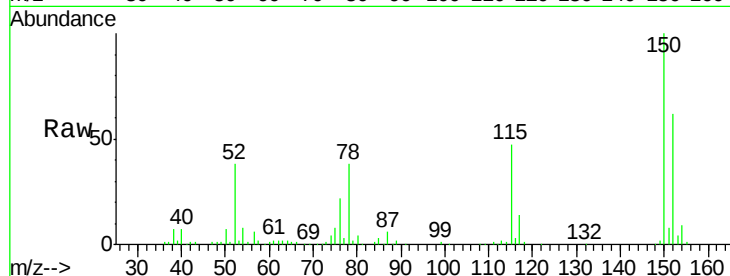
Tot Ion:152 Resp: 159661

Ion Ratio Lower Upper

152 100

150 160.4 129.8 194.8

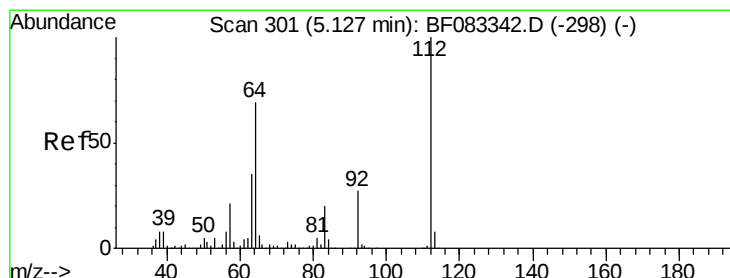
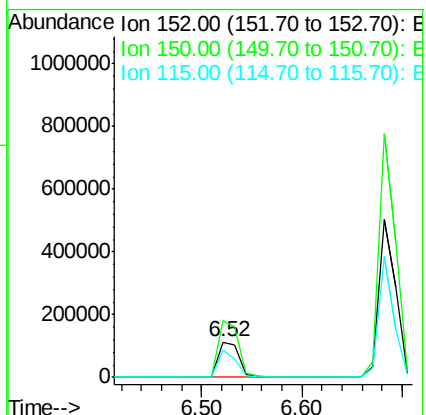
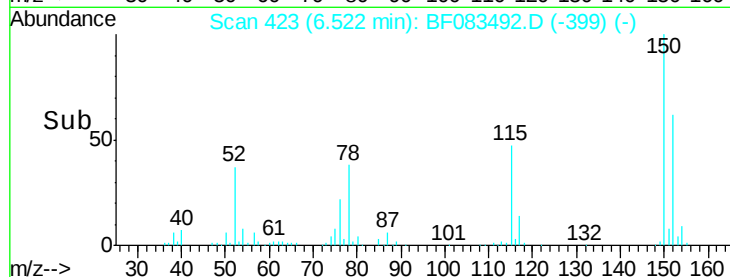
115 76.2 59.2 88.8



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: 69.77 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083492.D

Acq: 4 Dec 2015 7:32

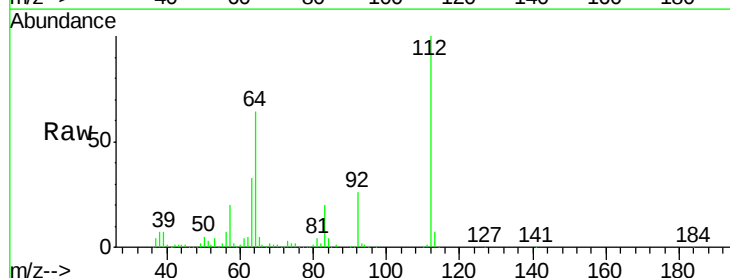
Tgt Ion:112 Resp: 742334

Ion Ratio Lower Upper

112 100

64 63.5 55.6 83.4

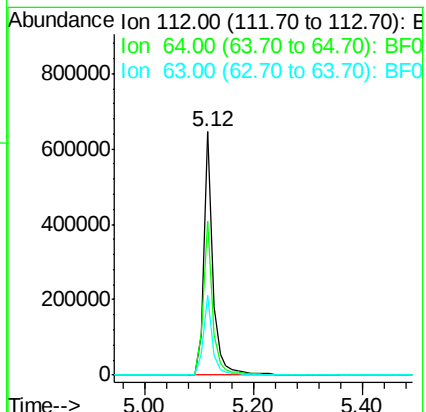
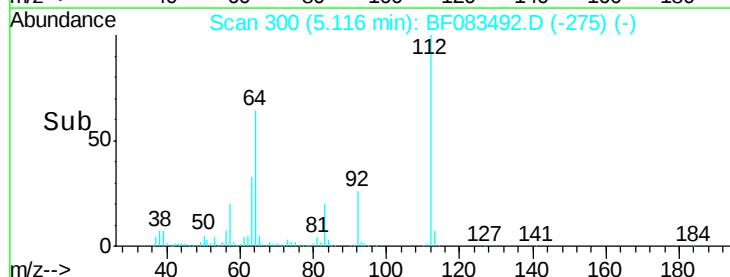
63 32.7 28.2 42.2



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: 45.68 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083492.D

Acq: 4 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

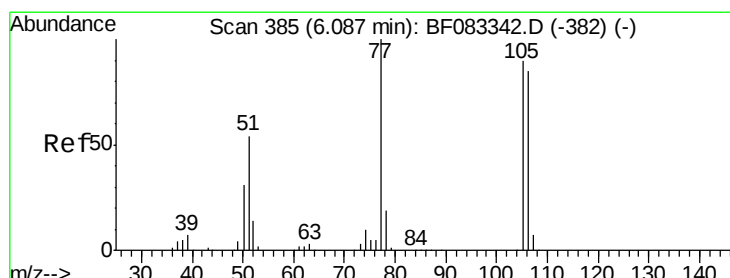
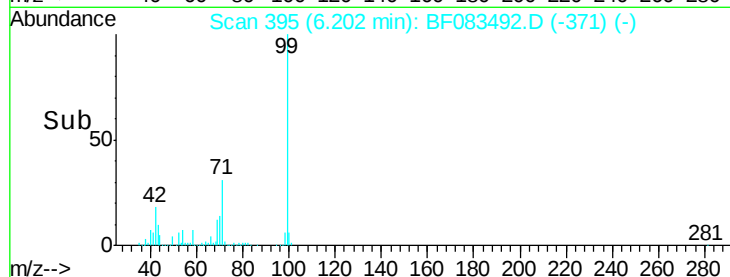
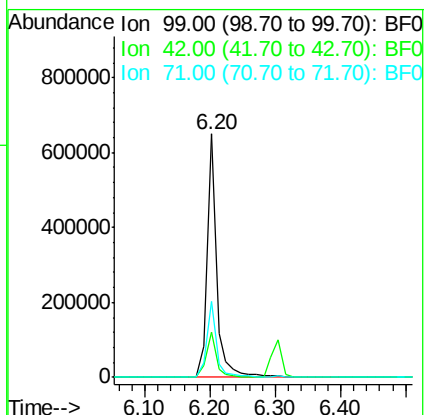
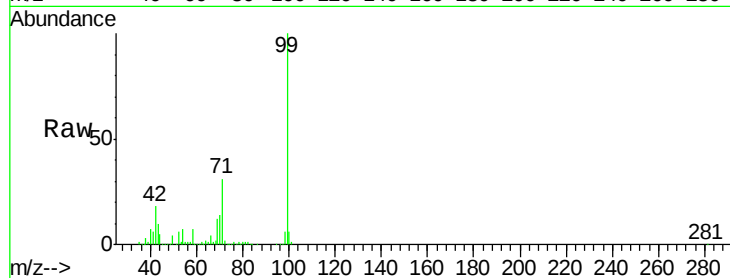
Tot Ion: 99 Resp: 665233

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

71 31.1 24.7 37.1



#9

Benzaldehyde

Concen: 2.69 ng

RT: 6.30 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF083492.D

Acq: 4 Dec 2015 7:32

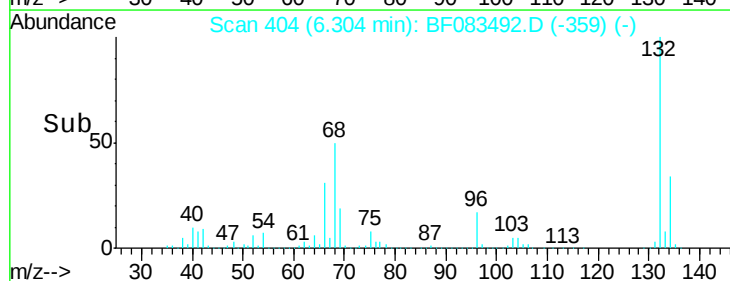
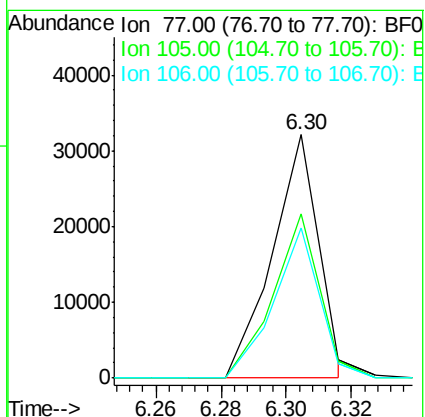
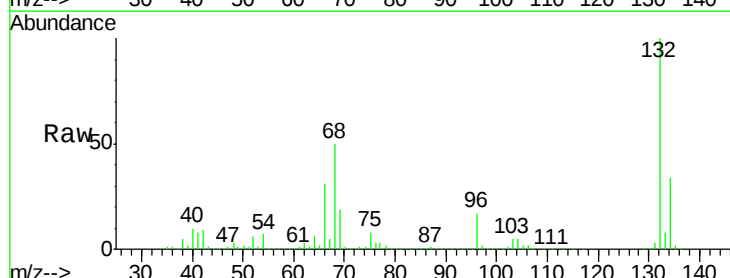
Tgt Ion: 77 Resp: 31867

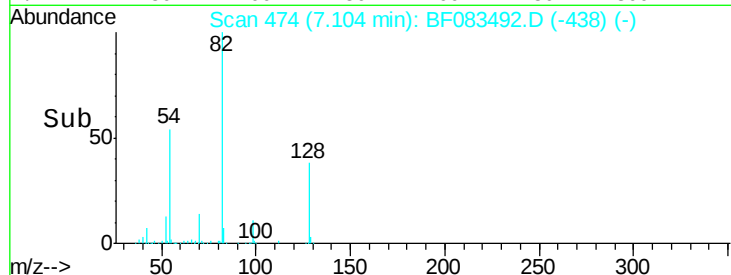
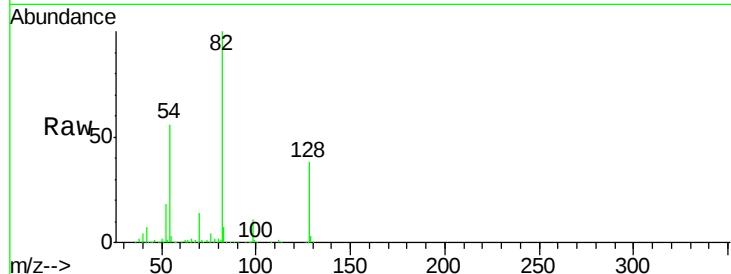
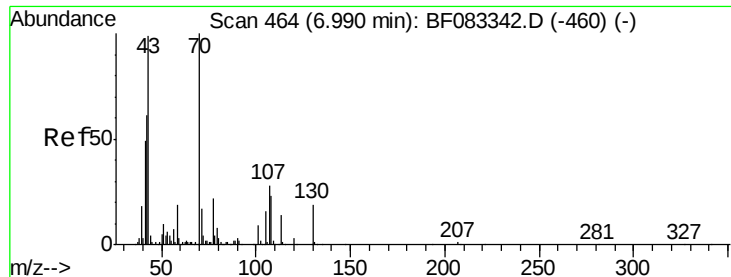
Ion Ratio Lower Upper

77 100

105 67.5 70.0 110.0#

106 61.9 65.0 105.0#

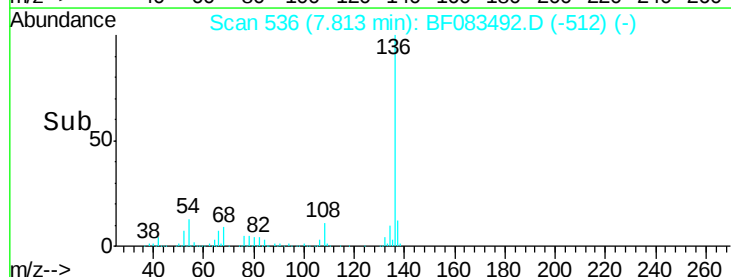
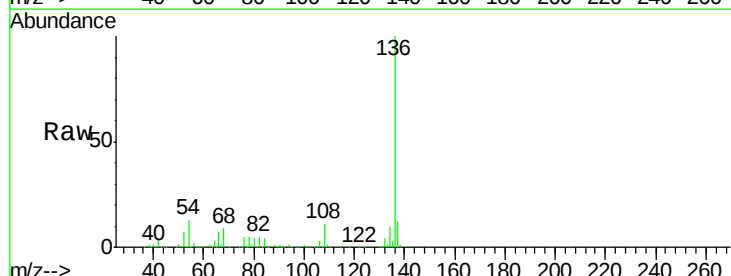
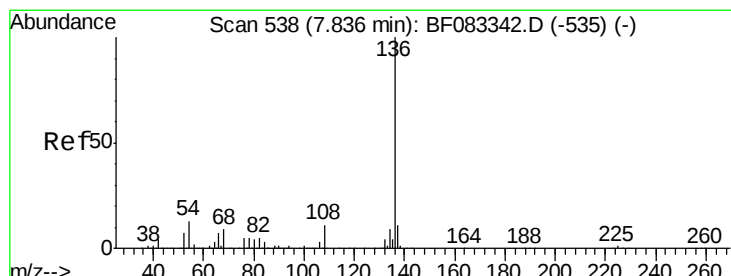
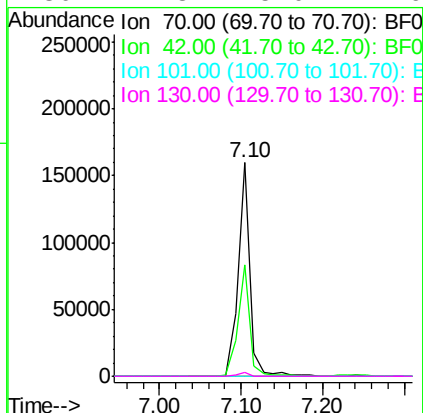




#19
n-Nitroso-di-n-propylamine
Concen: 15.64 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF083492.D
Acq: 4 Dec 2015 7:32

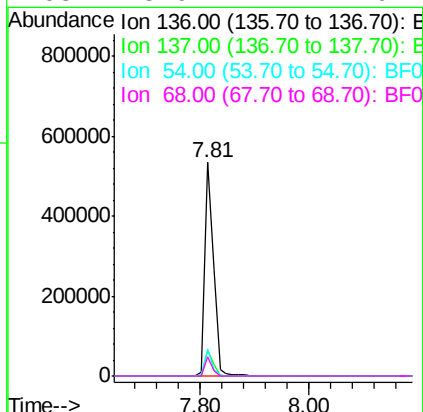
Instrument :
BNA_F
ClientSampleId :

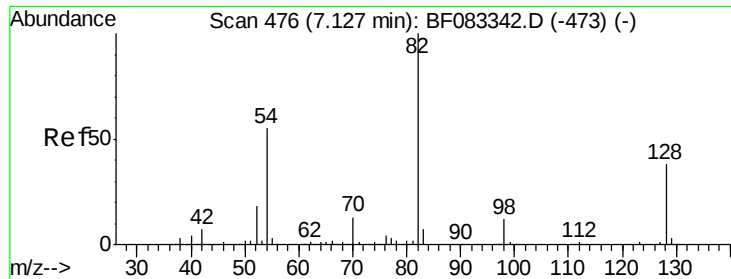
Tot Ion:	70	Resp:	162807
Ion	Ratio	Lower	Upper
70	100		
42	51.9	48.8	73.2
101	0.0	7.1	10.7#
130	1.8	15.0	22.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083492.D
Acq: 4 Dec 2015 7:32

Tgt Ion:	136	Resp:	583568
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	12.6	10.1	15.1
68	8.9	7.1	10.7

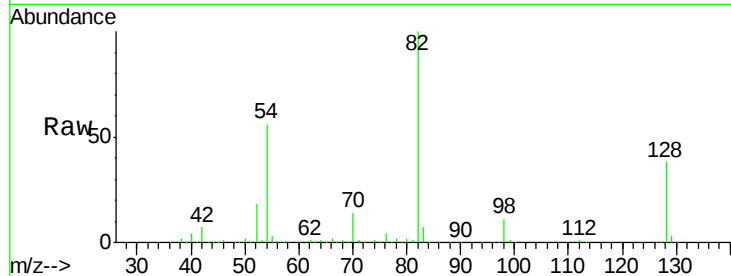




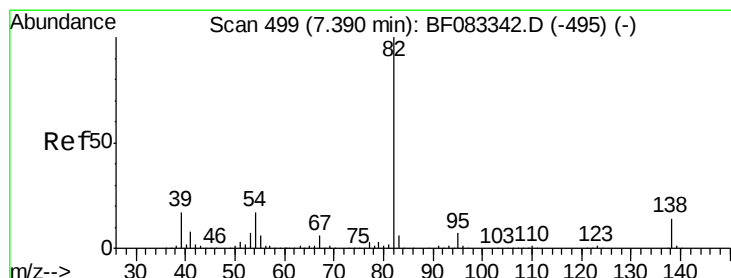
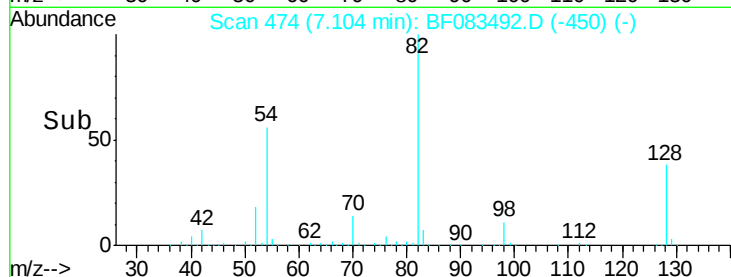
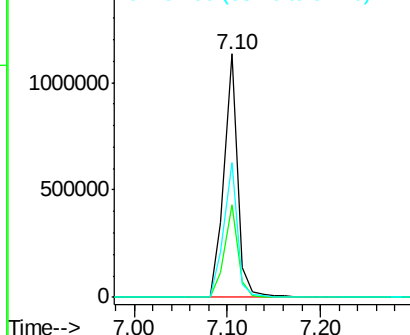
#23
Nitrobenzene-d5
Concen: 87.22 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083492.D
Acq: 4 Dec 2015 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1157927
Ion Ratio Lower Upper
82 100
128 37.9 30.6 46.0
54 55.6 43.8 65.6

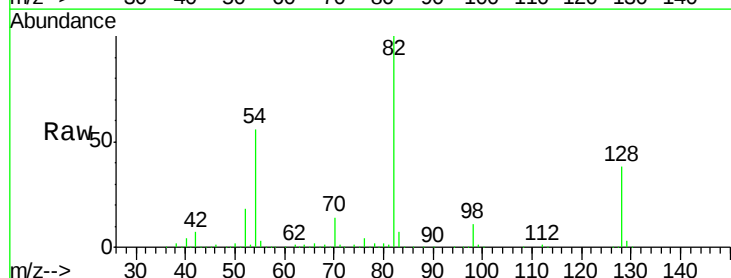


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

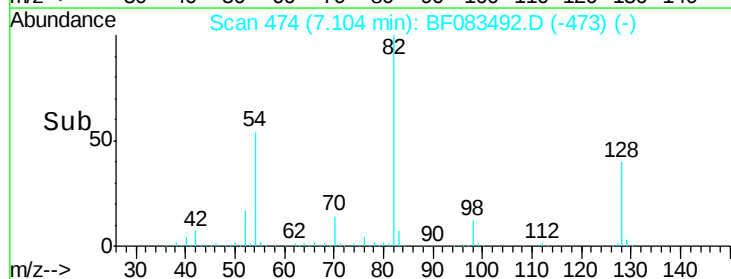
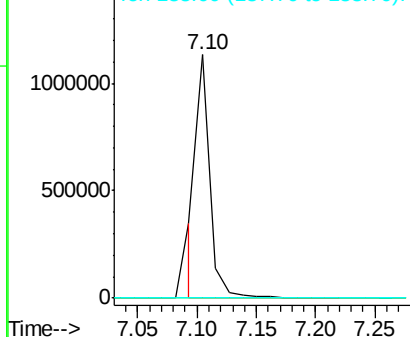


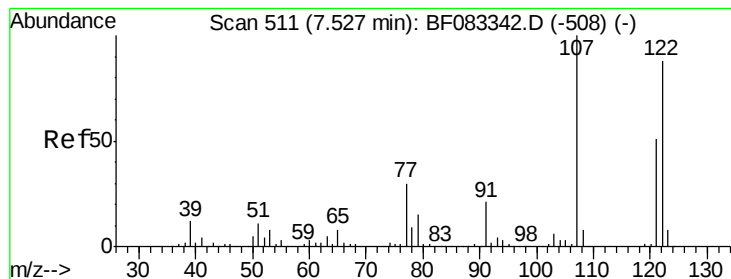
#25
Isophorone
Concen: 35.17 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF083492.D
Acq: 4 Dec 2015 7:32

Tgt Ion: 82 Resp: 904439
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 11.6 17.4#



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

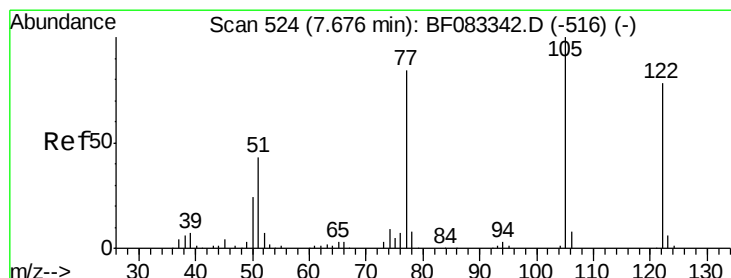
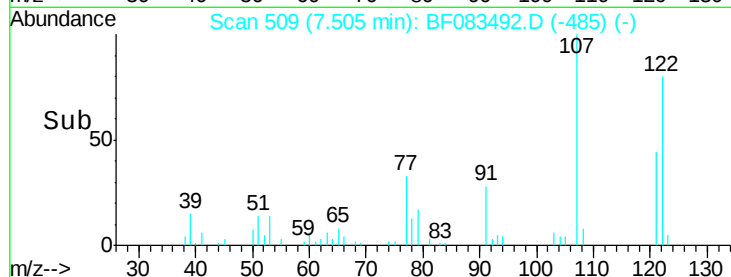
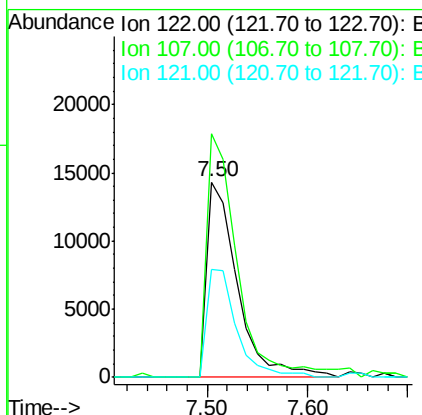
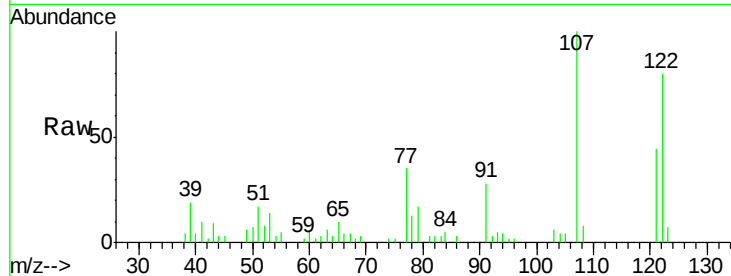




#27
 2,4-Dimethylphenol
 Concen: 3.13 ng
 RT: 7.50 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

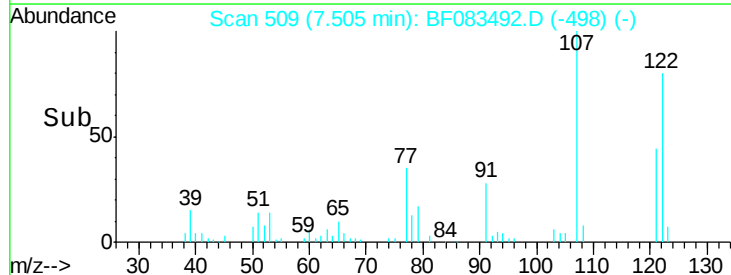
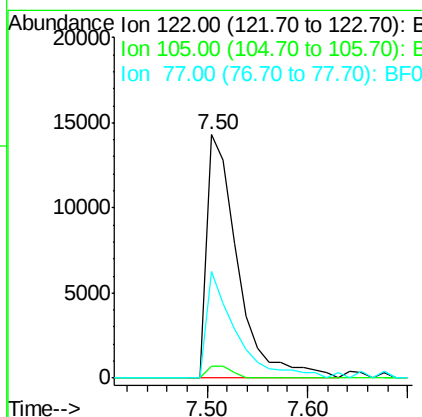
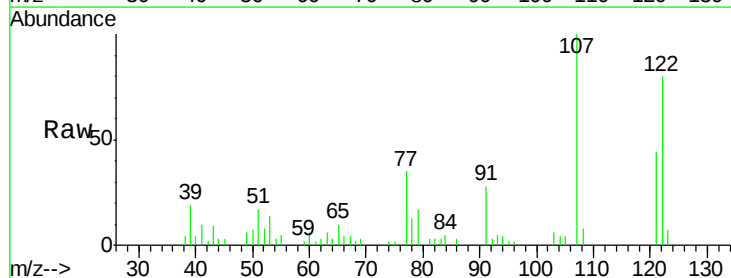
Instrument :
 BNA_F
 ClientSampled :

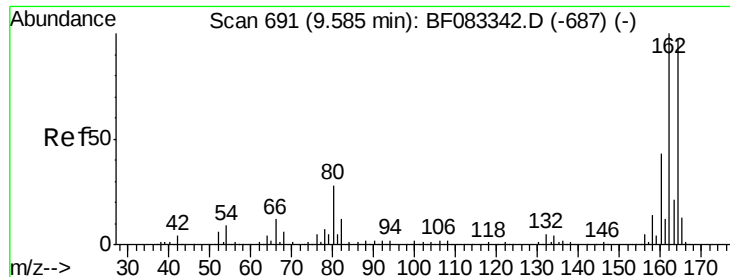
Tot Ion:122 Resp: 30364
 Ion Ratio Lower Upper
 122 100
 107 124.8 91.2 136.8
 121 55.3 46.4 69.6



#32
 Benzoic acid
 Concen: 4.54 ng
 RT: 7.50 min Scan# 509
 Delta R.T. -0.17 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Tgt Ion:122 Resp: 30364
 Ion Ratio Lower Upper
 122 100
 105 4.8 106.0 146.0#
 77 44.0 86.3 126.3#

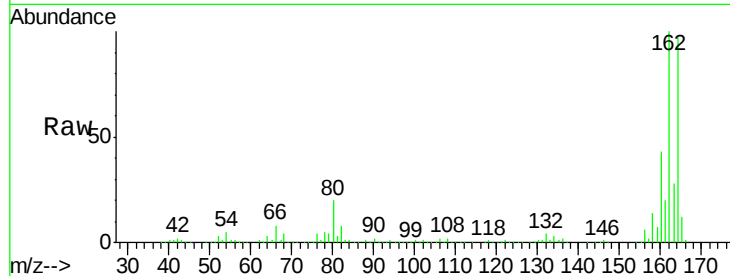




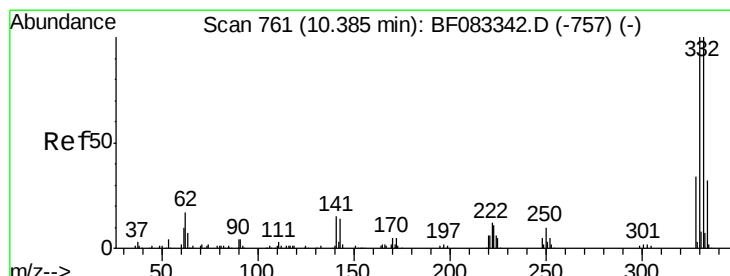
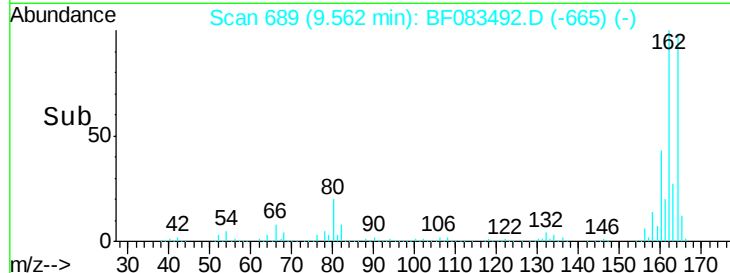
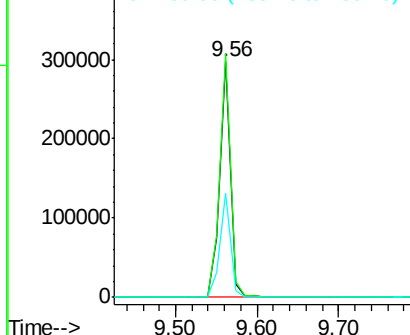
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 271909
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 44.0 35.3 52.9

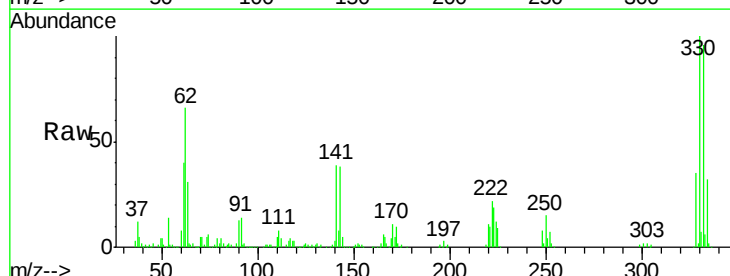


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

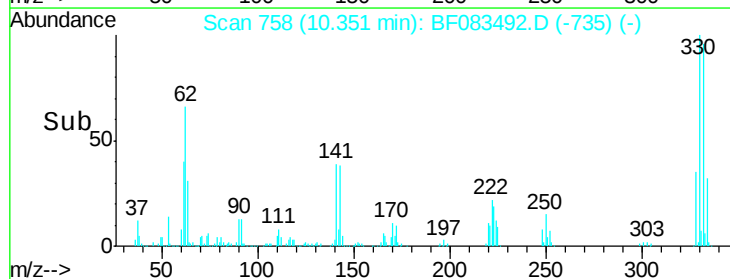
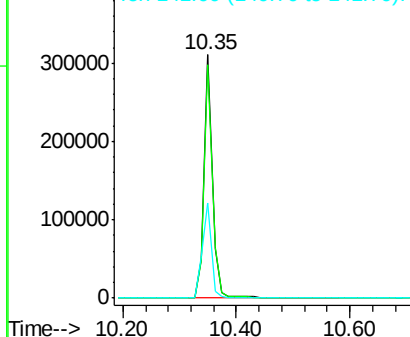


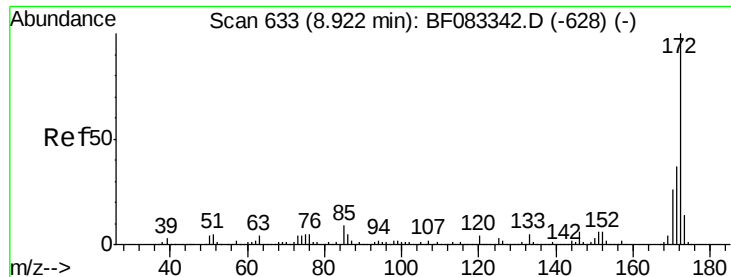
#41
 2,4,6-Tribromophenol
 Concen: 112.37 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Tgt Ion:330 Resp: 306707
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.8 116.6
 141 43.0 29.4 44.0



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

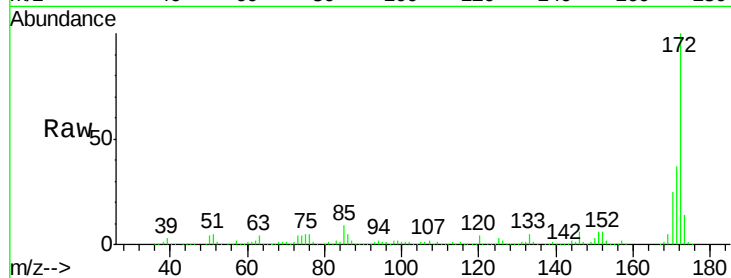




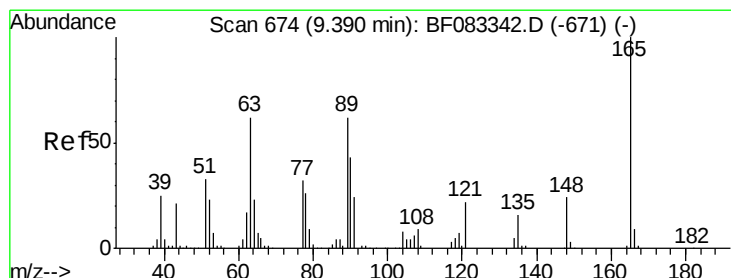
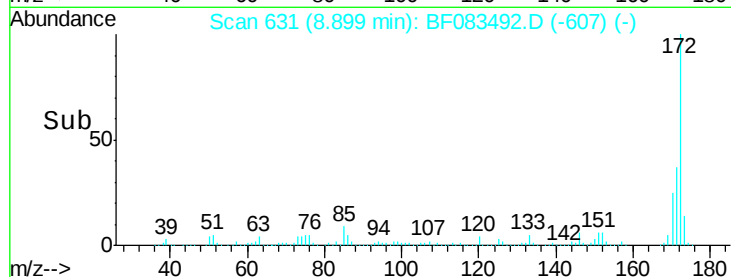
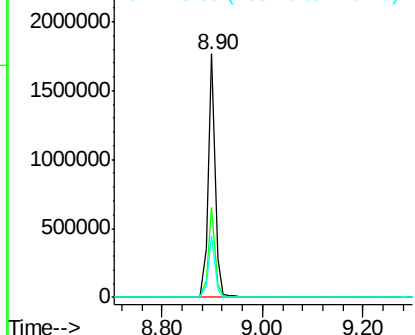
#44
2-Fluorobiphenyl
Concen: 89.48 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083492.D
Acq: 4 Dec 2015 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1707413
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 25.3 20.4 30.6

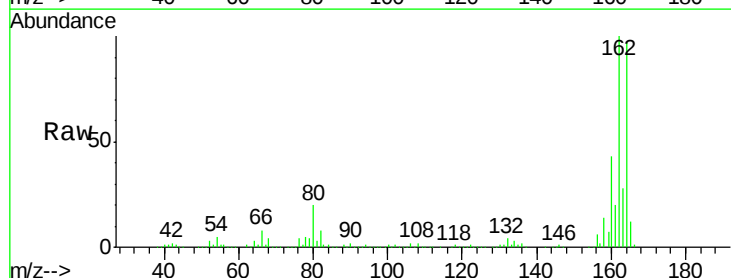


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

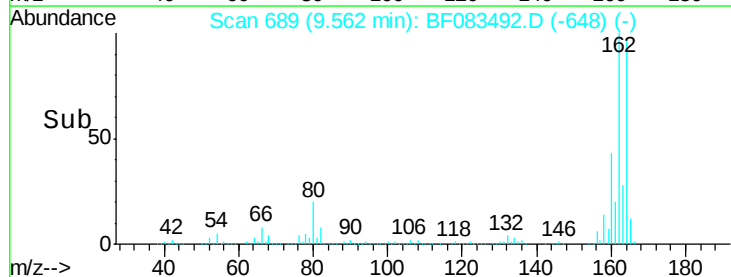
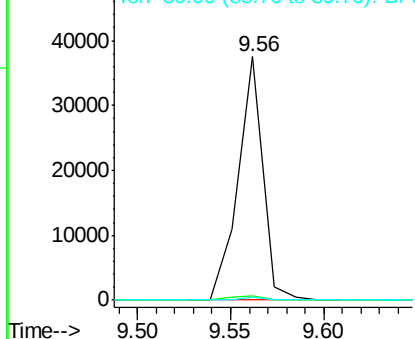


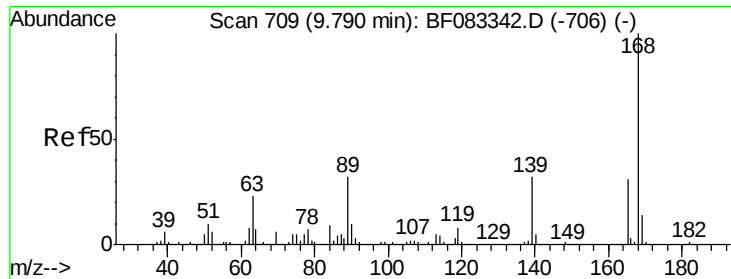
#50
2,6-Dinitrotoluene
Concen: 7.39 ng
RT: 9.56 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF083492.D
Acq: 4 Dec 2015 7:32

Tgt Ion:165 Resp: 34883
Ion Ratio Lower Upper
165 100
63 1.6 56.0 84.0#
89 1.4 49.8 74.8#



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

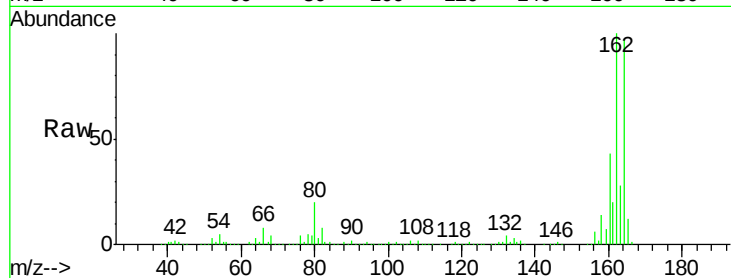




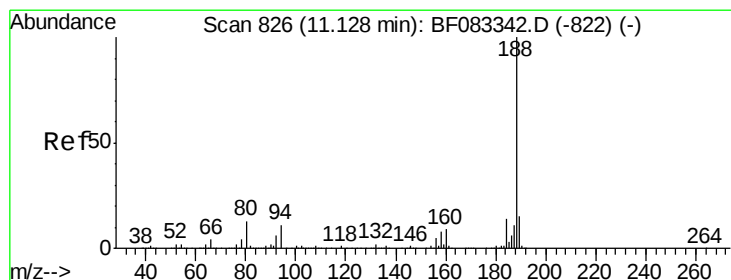
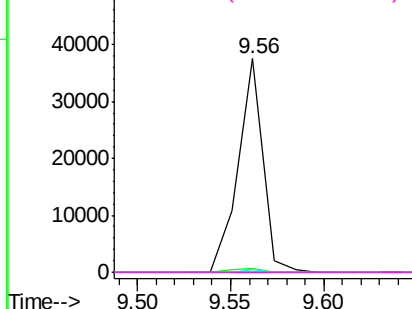
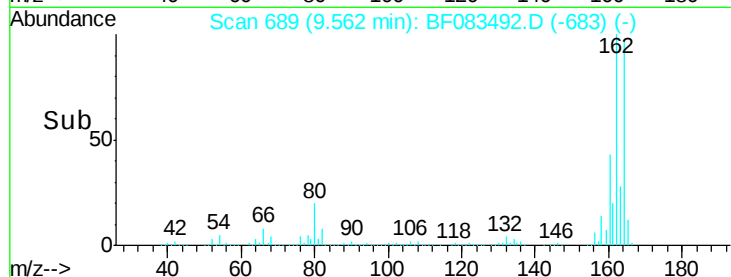
#56
 2,4-Dinitrotoluene
 Concen: 5.83 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.23 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34883
 Ion Ratio Lower Upper
 165 100
 63 1.6 65.4 98.0#
 89 1.4 81.2 121.8#
 182 0.0 1.8 2.8#

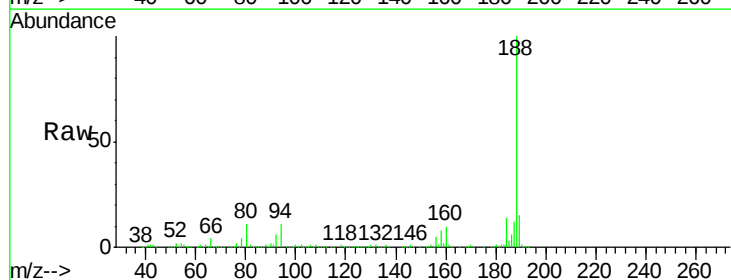


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

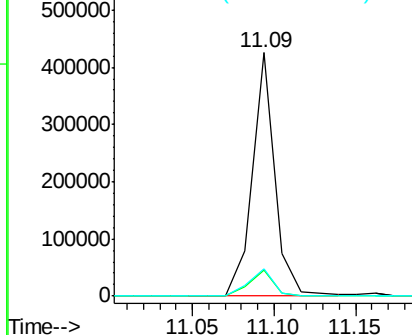
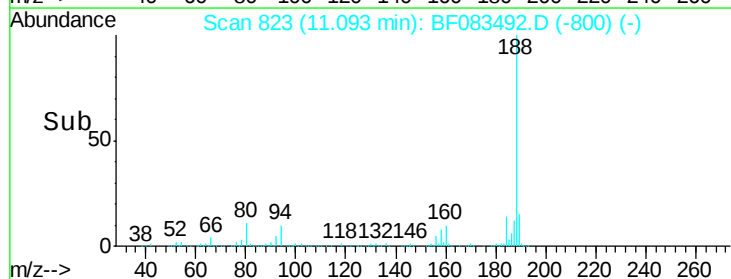


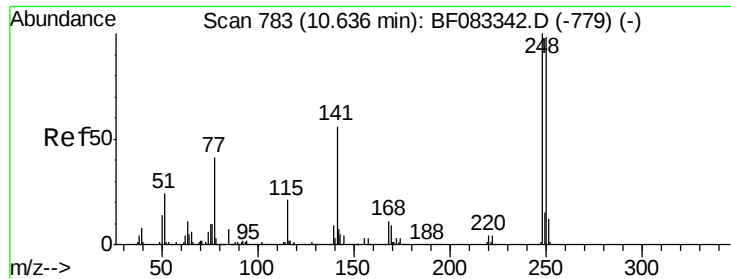
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Tgt Ion:188 Resp: 407940
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.7 13.1
 80 11.1 10.3 15.5



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

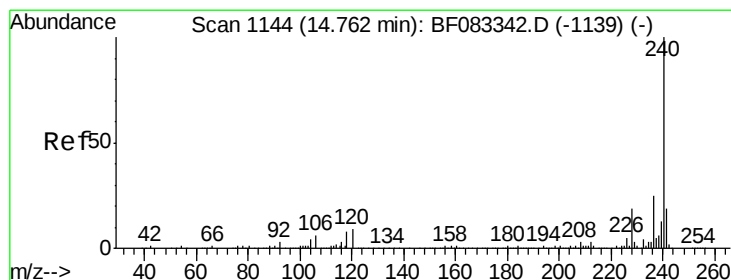
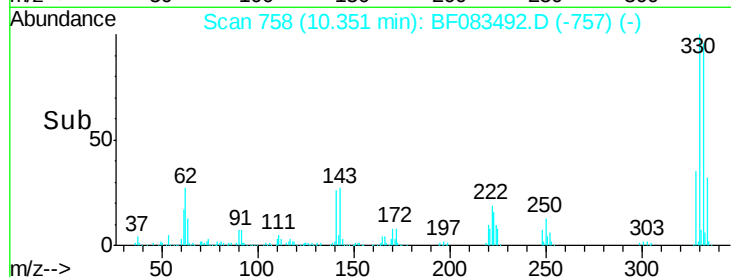
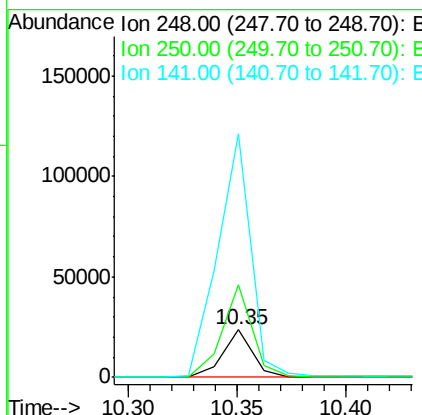
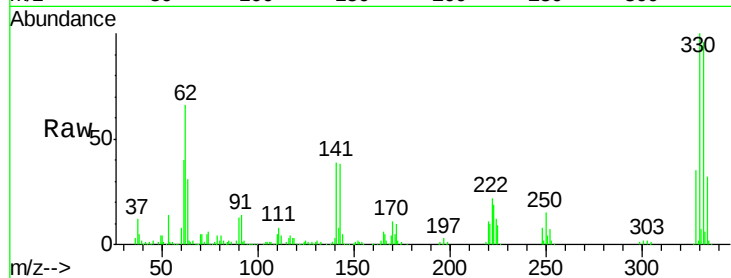




#66
 4-Bromophenyl-phenylether
 Concen: 5.02 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.29 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

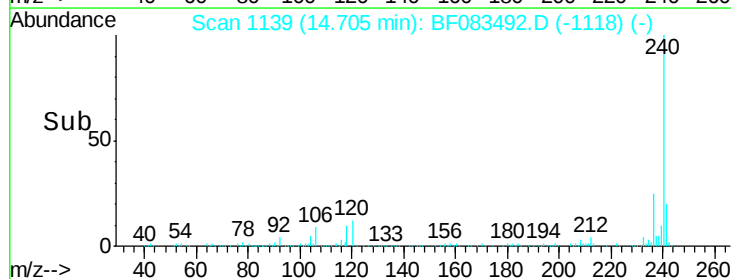
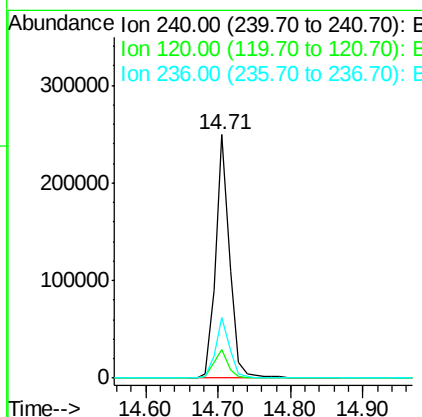
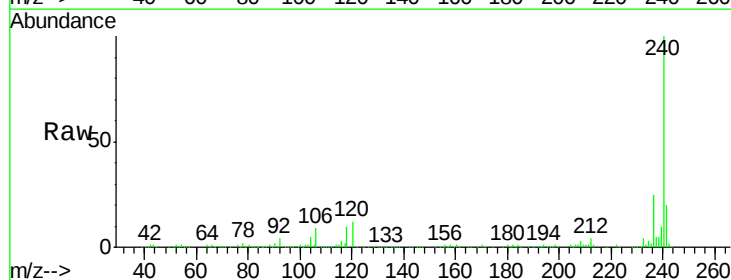
Instrument :
 BNA_F
 ClientSampleId :

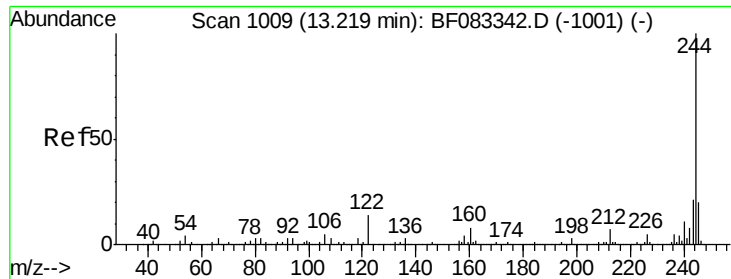
Tot Ion:248 Resp: 22401
 Ion Ratio Lower Upper
 248 100
 250 196.1 78.6 118.0#
 141 514.0 44.4 66.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.06 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Tgt Ion:240 Resp: 333547
 Ion Ratio Lower Upper
 240 100
 120 11.8 6.9 10.3#
 236 25.0 19.8 29.6

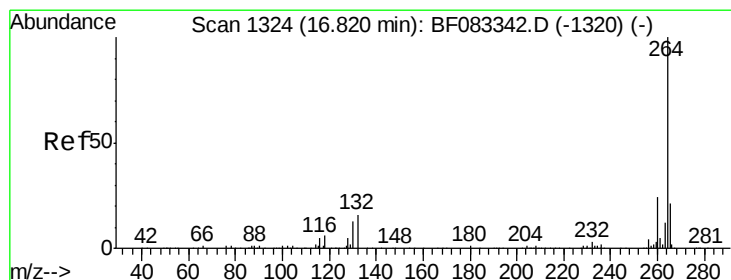
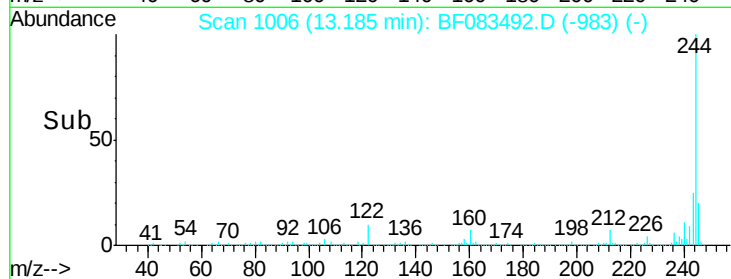
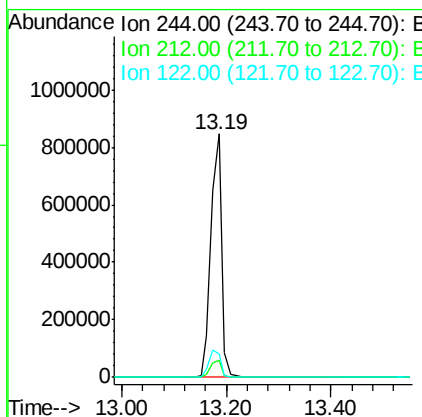
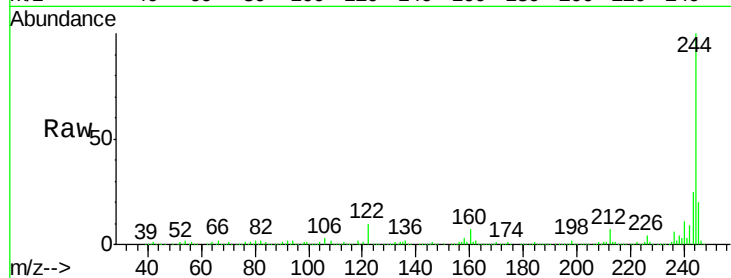




#78
 Terphenyl-d14
 Concen: 86.38 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1208061
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Tgt Ion:264 Resp: 256997
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 20.8 16.8 25.2

