

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083493.D
 Acq On : 4 Dec 2015 8:03
 Operator : UM/IZ
 Sample : G4588-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 09:44:04 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

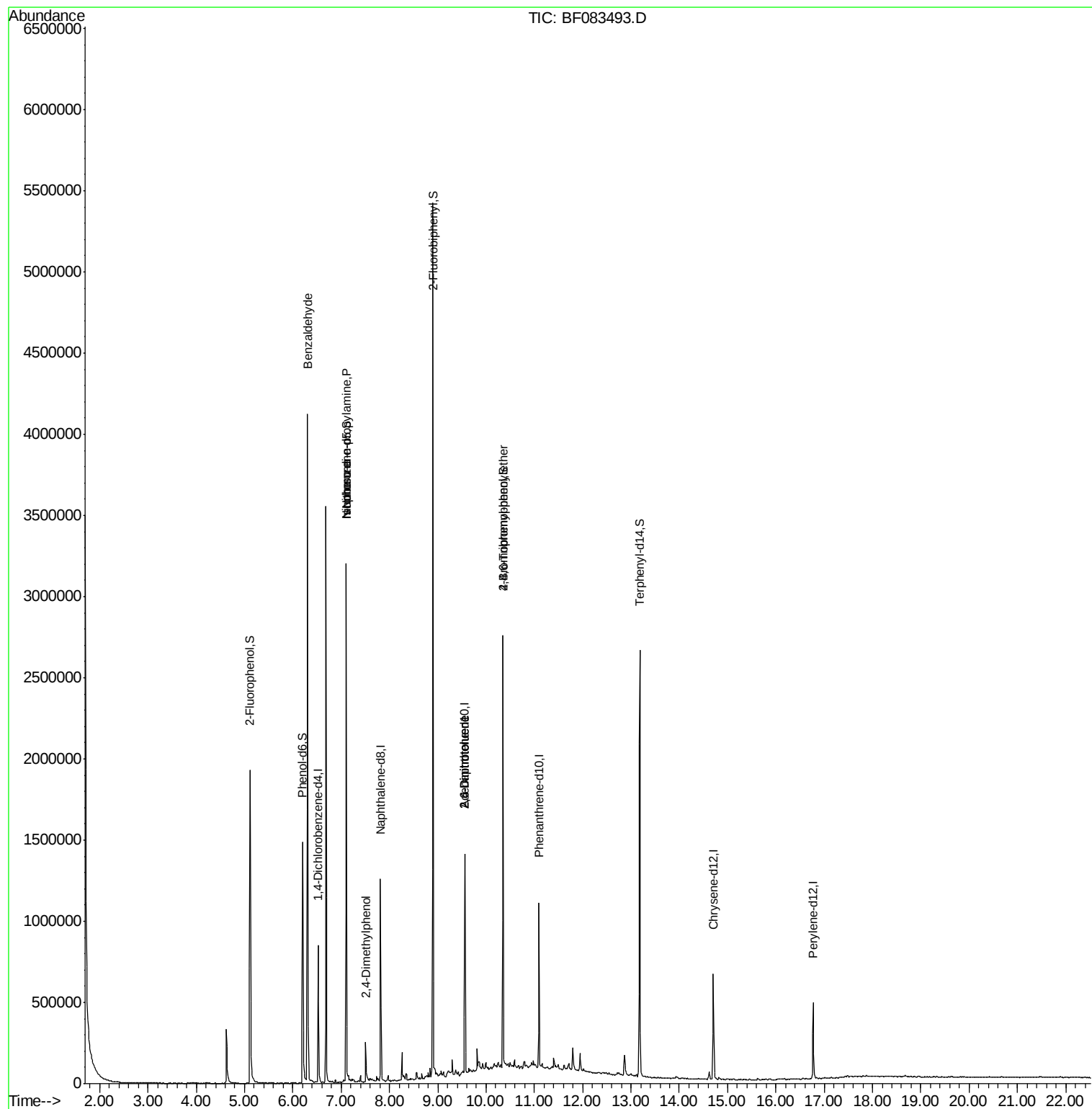
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	154388	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	564222	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	267753	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	397906	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	327625	20.00	ng	-0.06
86) Perylene-d12	16.77	264	255534	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	672642	65.38	ng	-0.01
7) Phenol-d6	6.20	99	598580	42.50	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1153591	89.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	300432	111.77	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1621133	86.28	ng	-0.02
78) Terphenyl-d14	13.19	244	1248687	90.89	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.30	77	28196	2.35	ng	84
19) n-Nitroso-di-n-propylamine	7.10	70	154888	15.39	ng	# 82
25) Isophorone	7.10	82	883608	35.54	ng	# 70
27) 2,4-Dimethylphenol	7.50	122	55149	5.88	ng	93
50) 2,6-Dinitrotoluene	9.56	165	33975	7.31	ng	# 19
56) 2,4-Dinitrotoluene	9.56	165	33971	5.76	ng	# 6
66) 4-Bromophenyl-phenylether	10.35	248	20973	4.82	ng	# 1

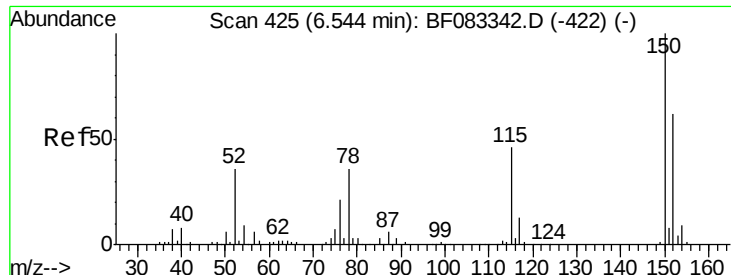
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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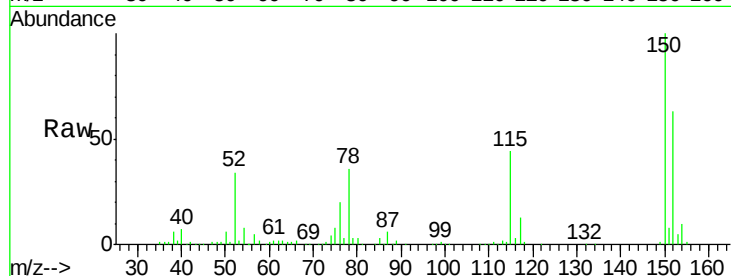




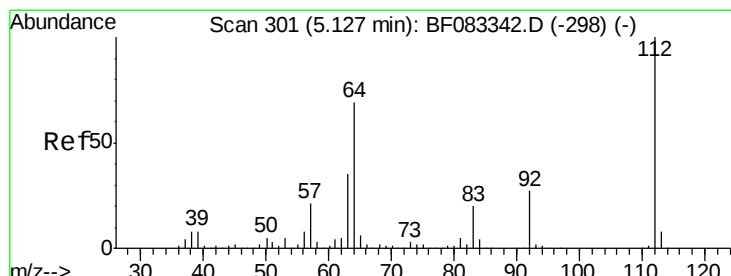
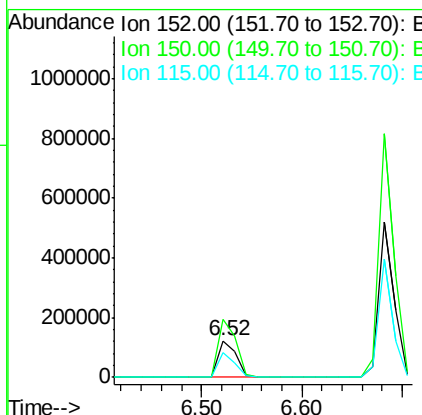
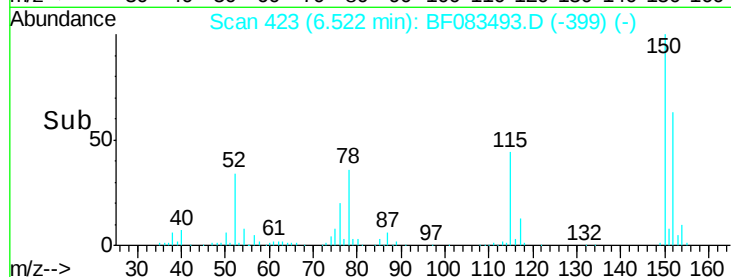
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 154388
 Ion Ratio Lower Upper
 152 100
 150 158.2 129.8 194.8
 115 69.2 59.2 88.8

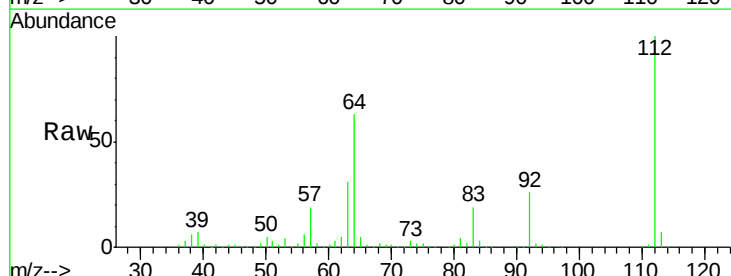


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

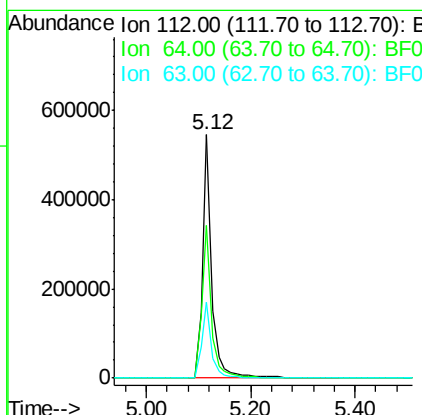
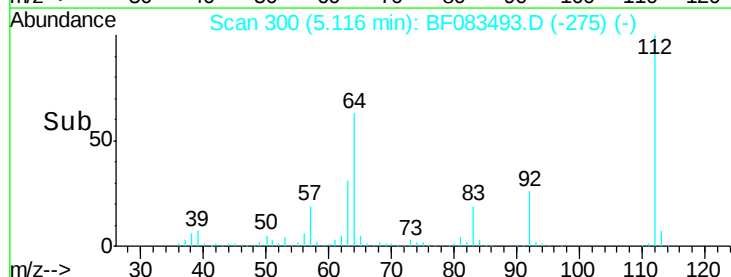


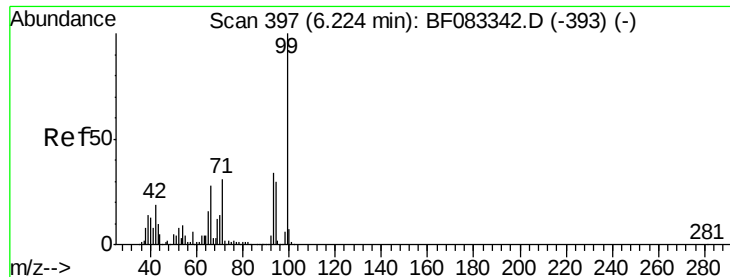
#5
 2-Fluorophenol
 Concen: 65.38 ng
 RT: 5.12 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Tgt Ion:112 Resp: 672642
 Ion Ratio Lower Upper
 112 100
 64 62.9 55.6 83.4
 63 31.4 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: 42.50 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083493.D

Acq: 4 Dec 2015 8:03

Instrument :

BNA_F

ClientSampleId :

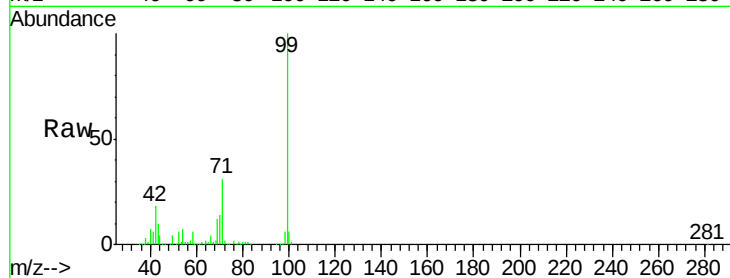
Tot Ion: 99 Resp: 598580

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

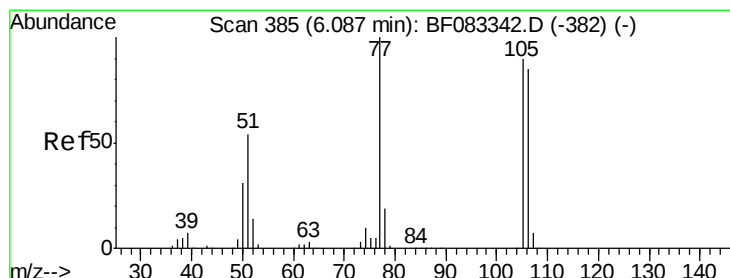
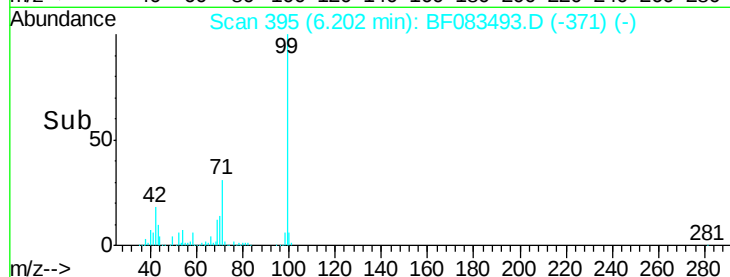
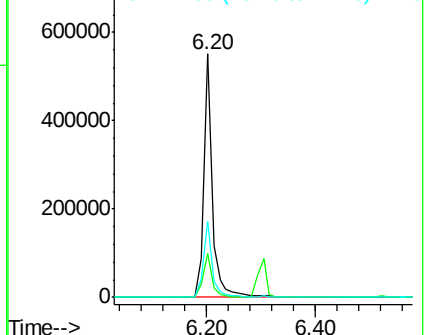
71 31.1 24.7 37.1



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: 2.35 ng

RT: 6.30 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF083493.D

Acq: 4 Dec 2015 8:03

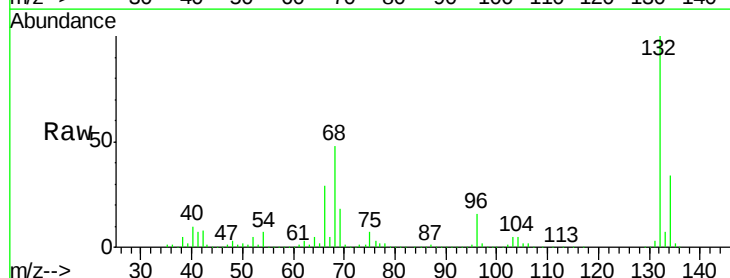
Tgt Ion: 77 Resp: 28196

Ion Ratio Lower Upper

77 100

105 75.0 70.0 110.0

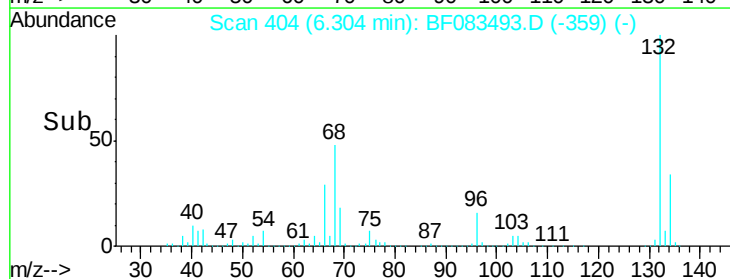
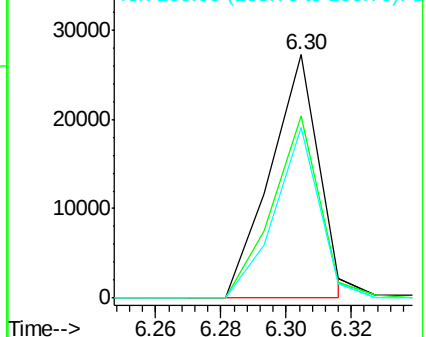
106 69.9 65.0 105.0

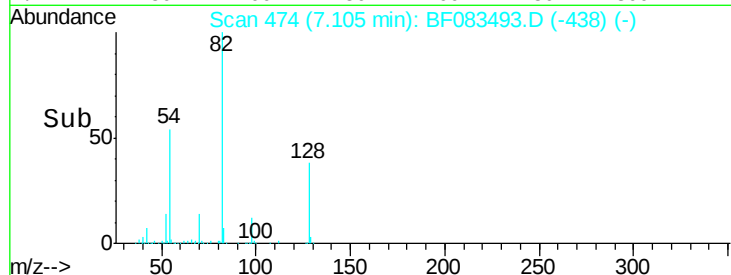
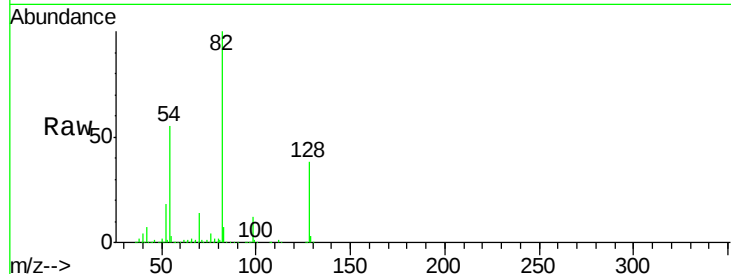
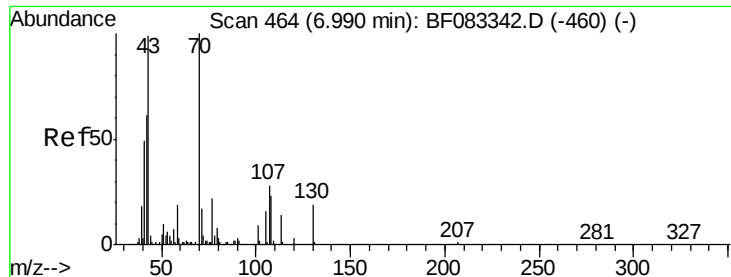


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

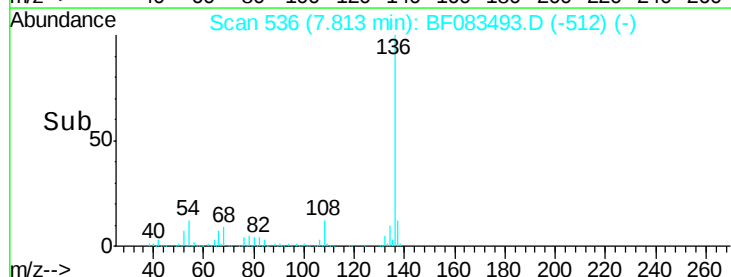
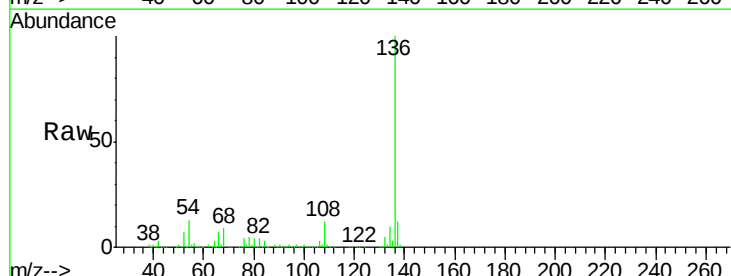
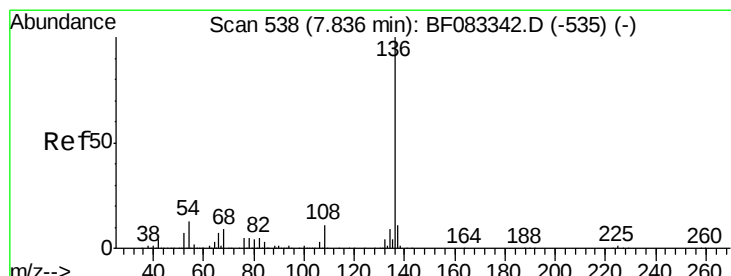
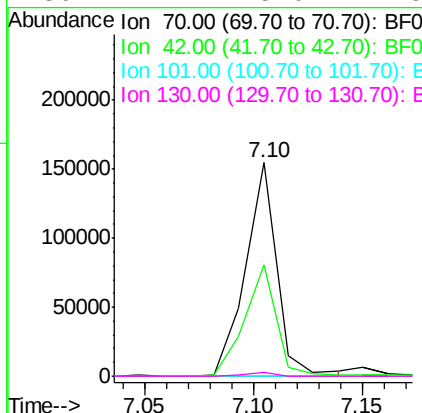




#19
n-Nitroso-di-n-propylamine
Concen: 15.39 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

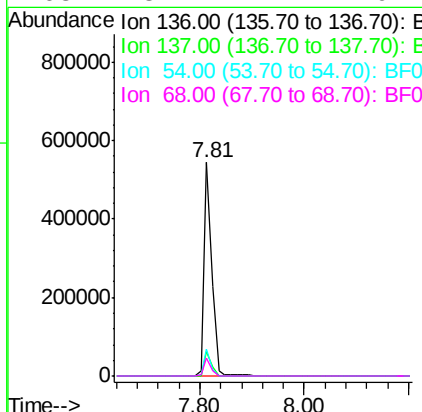
Instrument :
BNA_F
ClientSampleId :

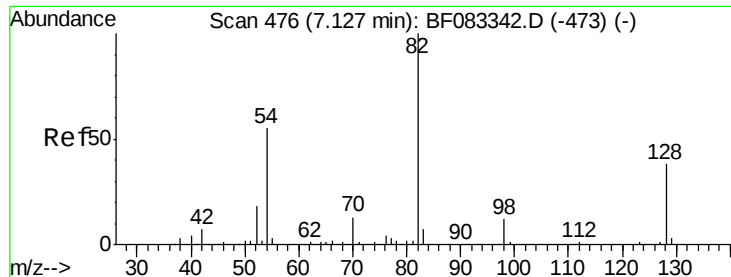
Tot Ion:	70	Resp:	154888
Ion	Ratio	Lower	Upper
70	100		
42	52.2	48.8	73.2
101	0.0	7.1	10.7#
130	2.1	15.0	22.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

Tgt Ion:	136	Resp:	564222
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	12.5	10.1	15.1
68	8.7	7.1	10.7



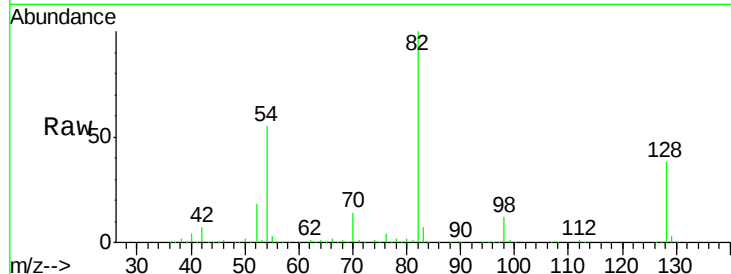


#23
 Nitrobenzene-d5
 Concen: 89.88 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

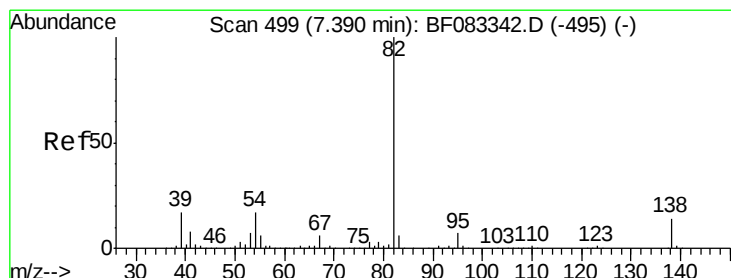
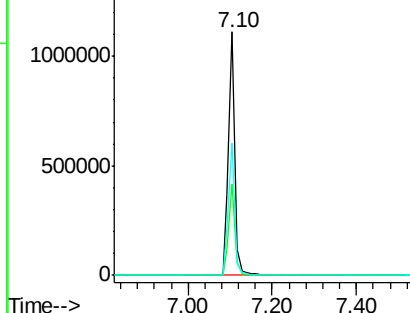
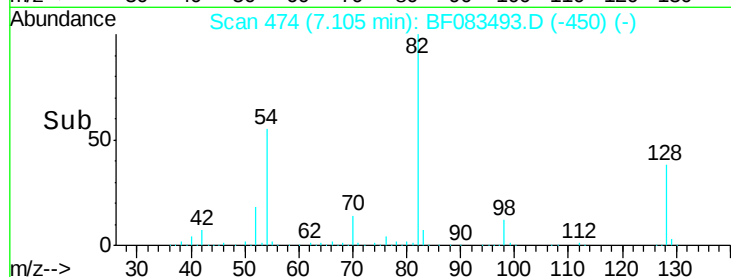
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1153591

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.6	46.0
54	54.6	43.8	65.6



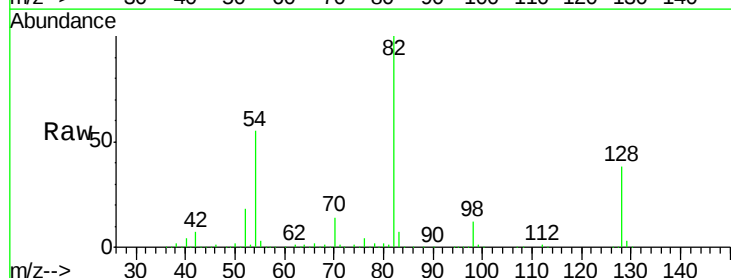
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



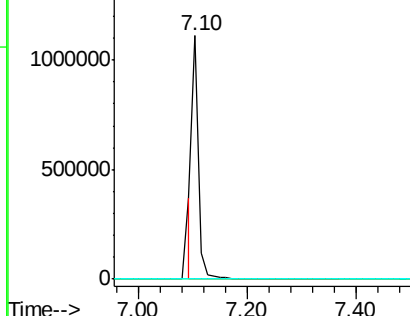
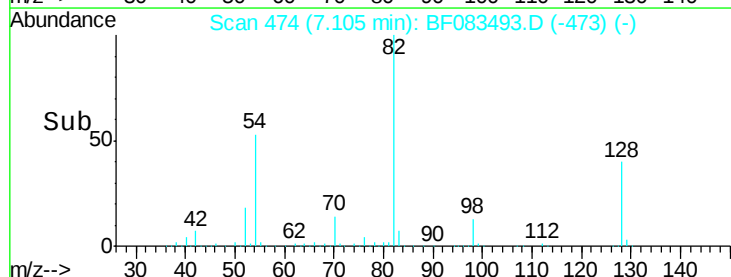
#25
 Isophorone
 Concen: 35.54 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

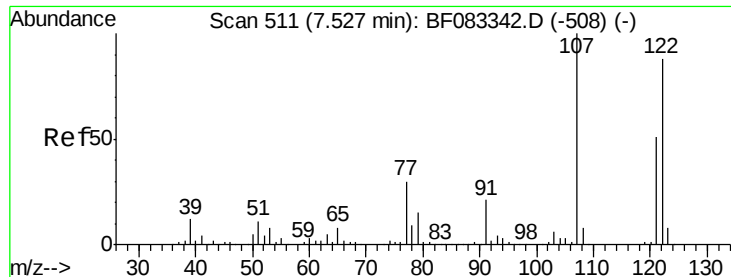
Tgt Ion: 82 Resp: 883608

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

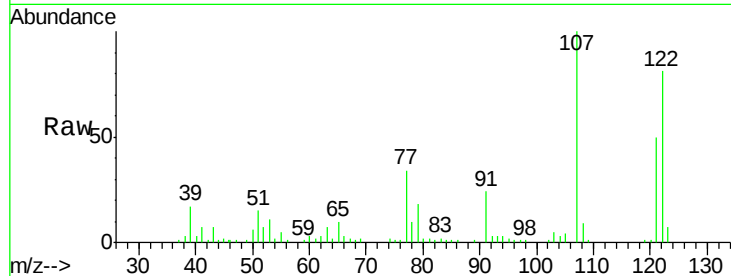




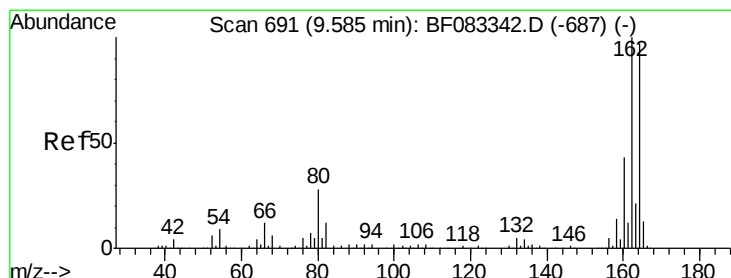
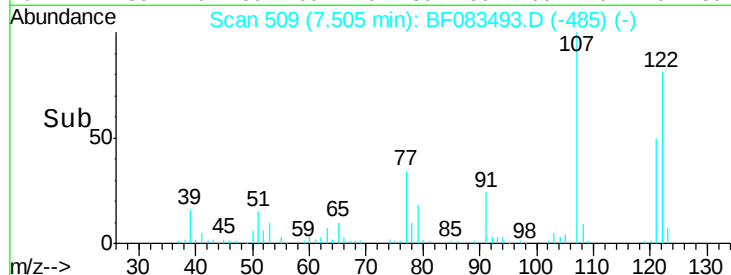
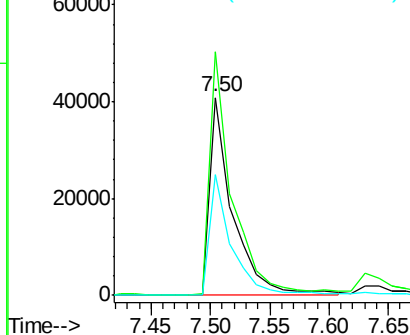
#27
 2,4-Dimethylphenol
 Concen: 5.88 ng
 RT: 7.50 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 55149
 Ion Ratio Lower Upper
 122 100
 107 123.3 91.2 136.8
 121 61.0 46.4 69.6

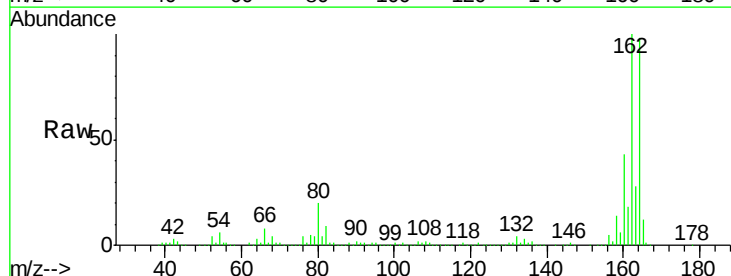


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

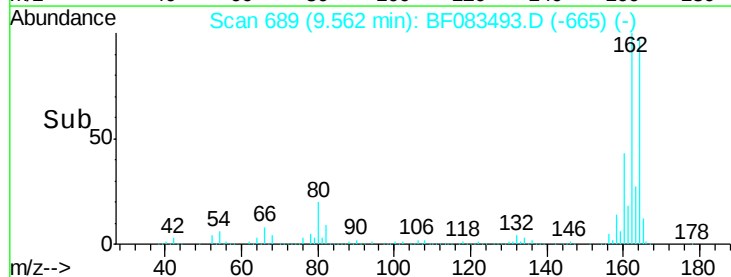
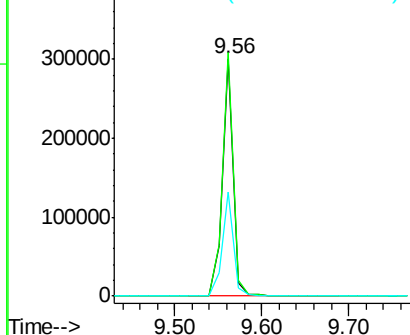


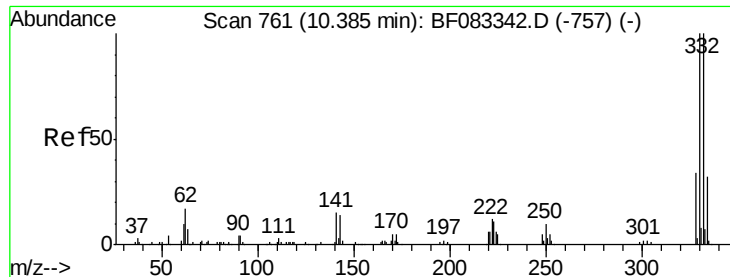
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Tgt Ion:164 Resp: 267753
 Ion Ratio Lower Upper
 164 100
 162 102.5 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

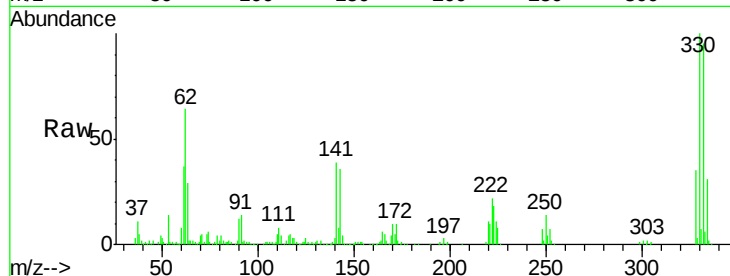




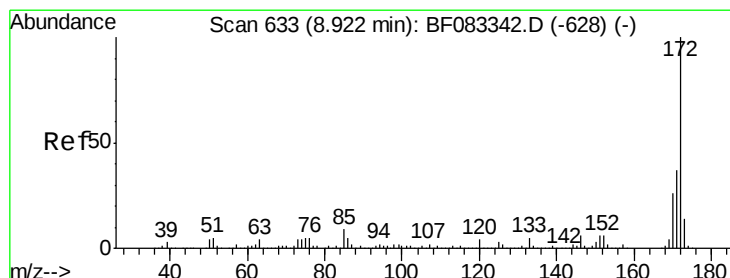
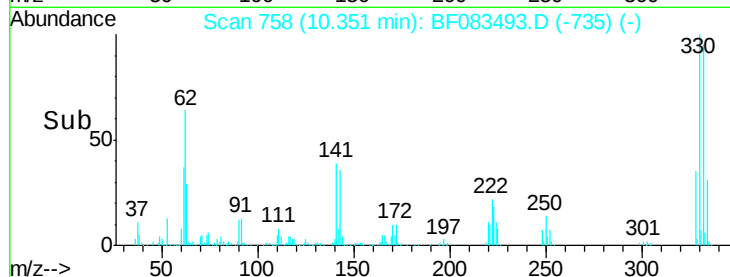
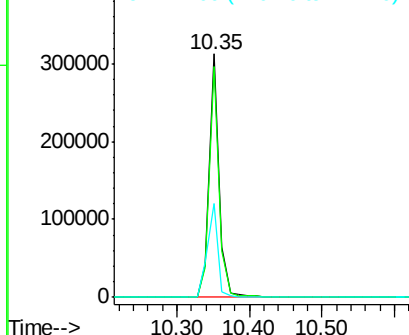
#41
 2,4,6-Tribromophenol
 Concen: 111.77 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.8	116.6
141	41.5	29.4	44.0

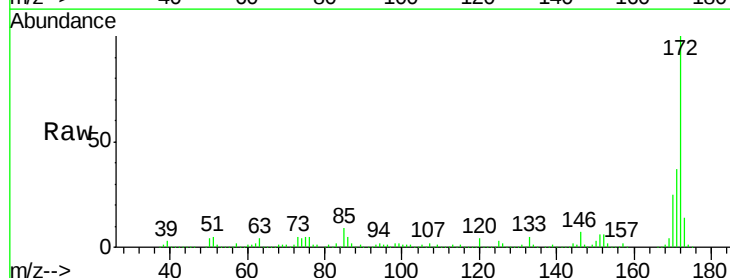


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

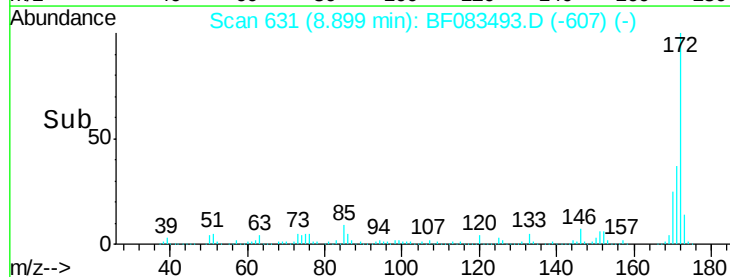
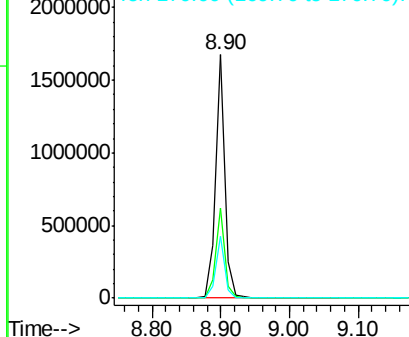


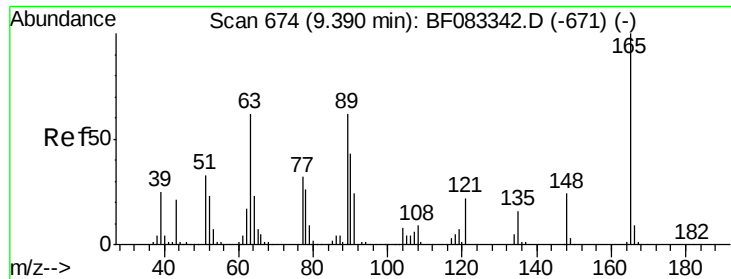
#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	25.4	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

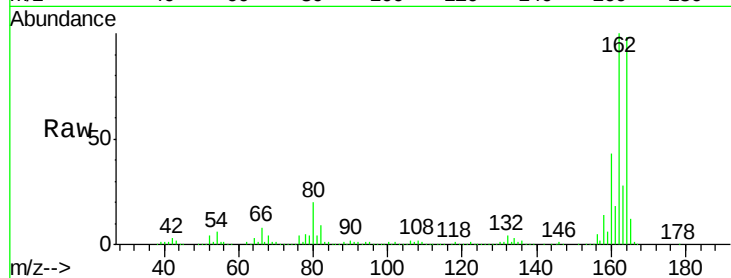




#50
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 9.56 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

Instrument :
BNA_F
ClientSampleId :

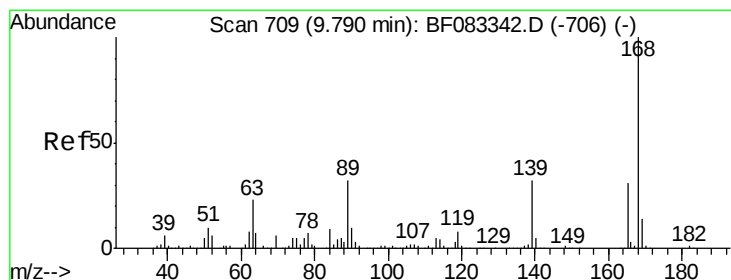
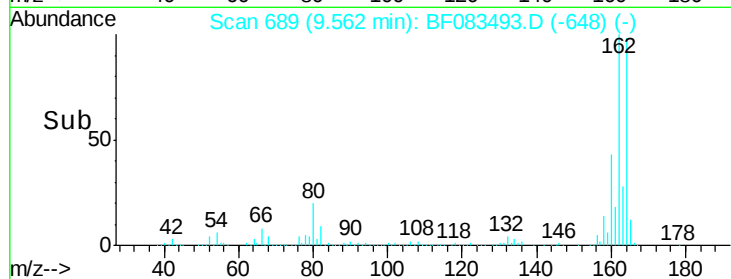
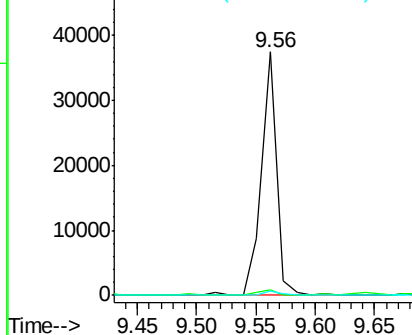
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	56.0	84.0#
89	1.6	49.8	74.8#



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: 5.76 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.23 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

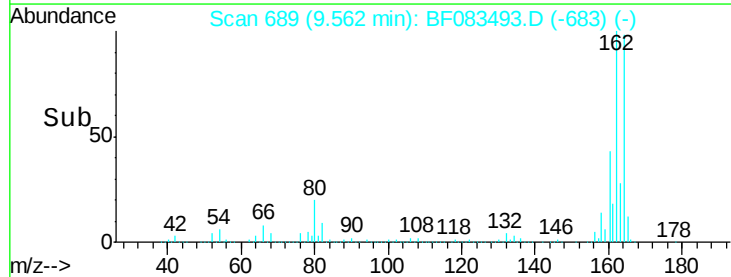
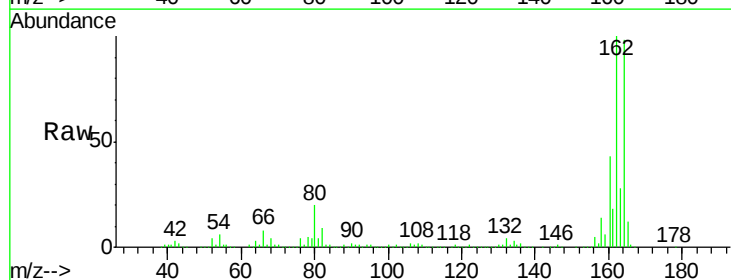
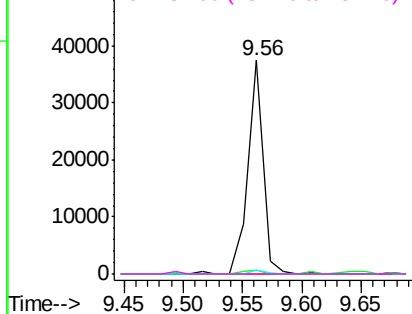
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	65.4	98.0#
89	1.6	81.2	121.8#
182	0.0	1.8	2.8#

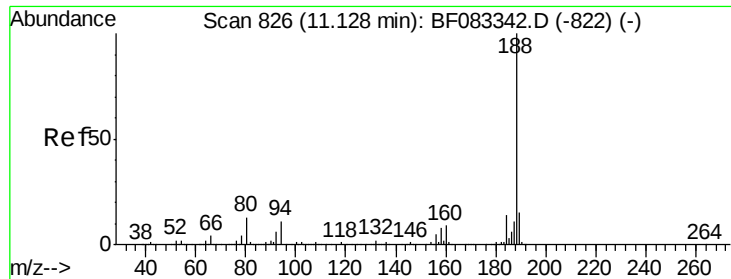
Abundance Ion 165.00 (164.70 to 165.70): E

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

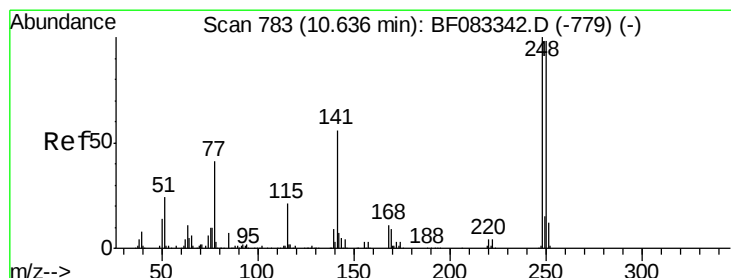
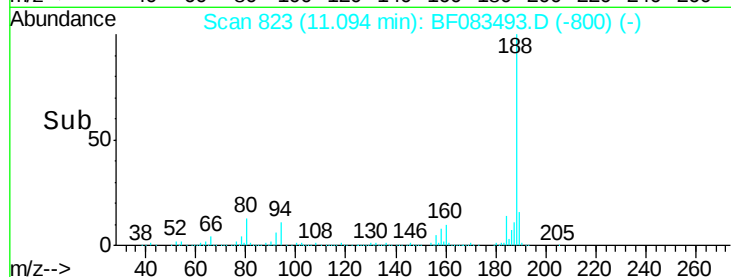
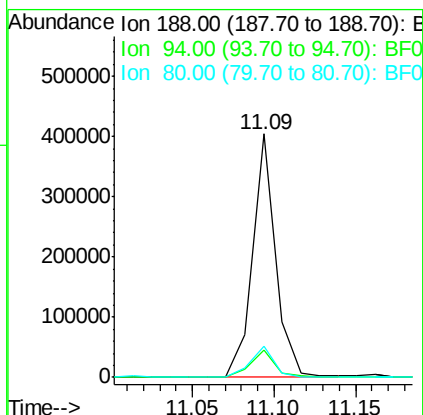
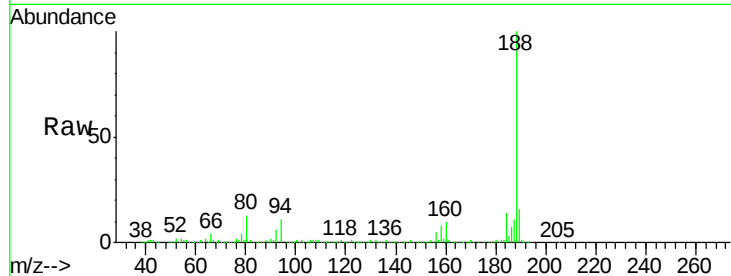




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

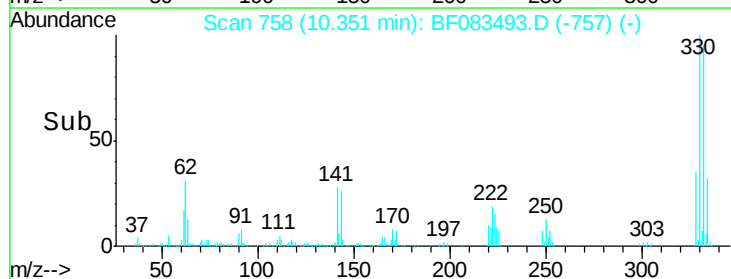
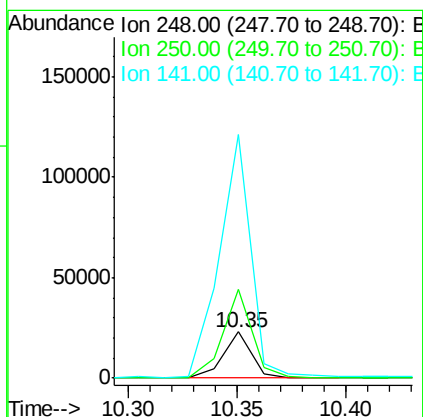
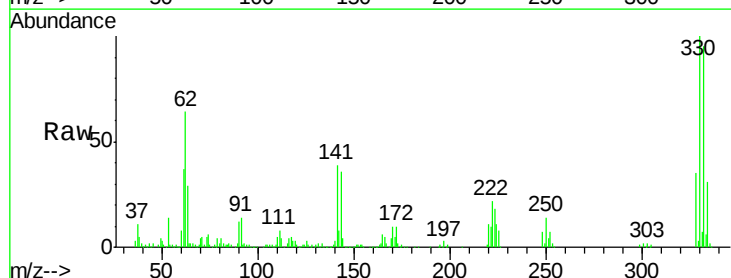
Instrument :
BNA_F
ClientSampleId :

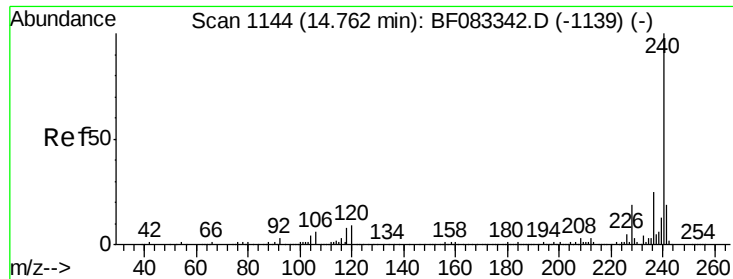
Tot Ion:188 Resp: 397906
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 12.7 10.3 15.5



#66
4-Bromophenyl-phenylether
Concen: 4.82 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

Tgt Ion:248 Resp: 20973
Ion Ratio Lower Upper
248 100
250 192.4 78.6 118.0#
141 525.2 44.4 66.6#

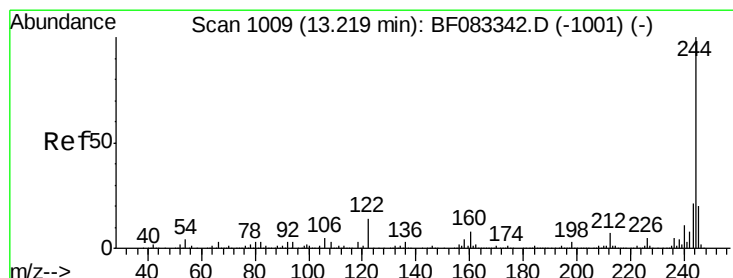
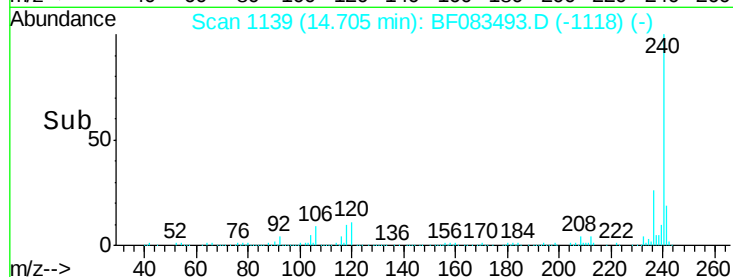
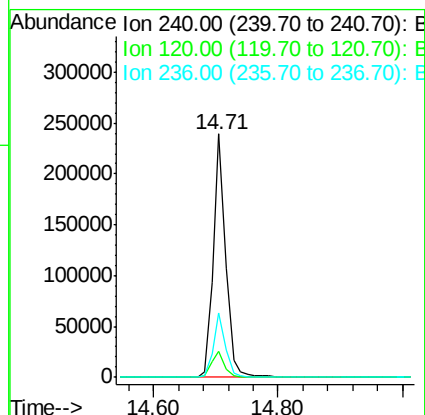
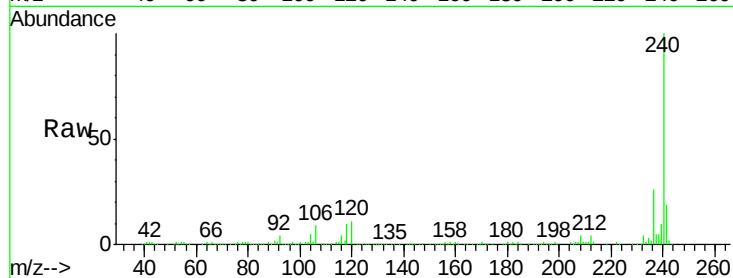




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

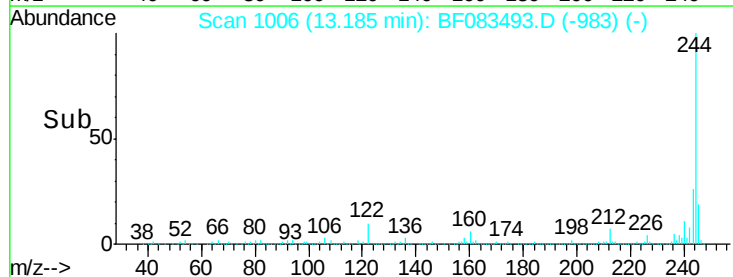
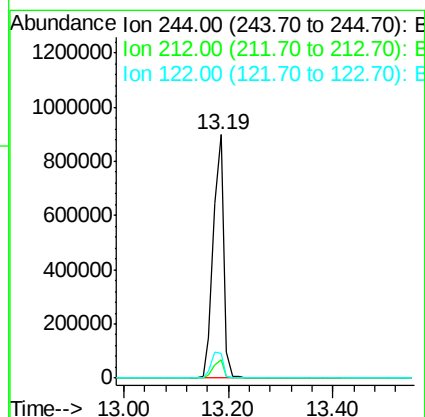
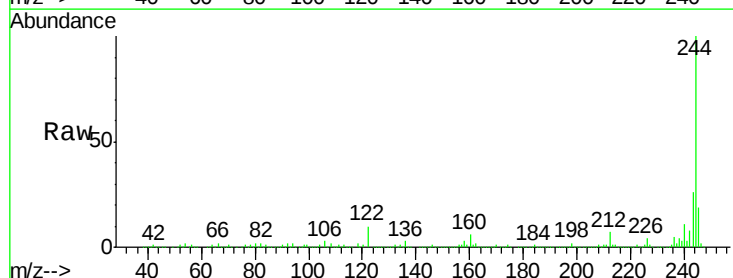
Instrument :
BNA_F
ClientSampleId :

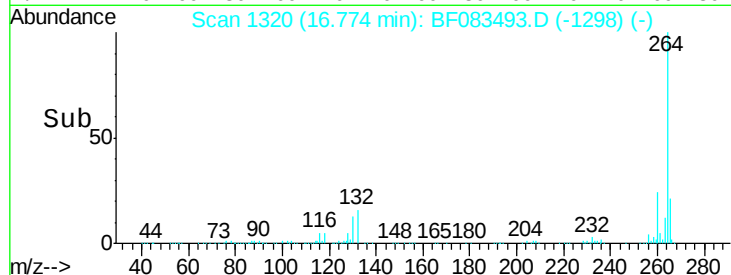
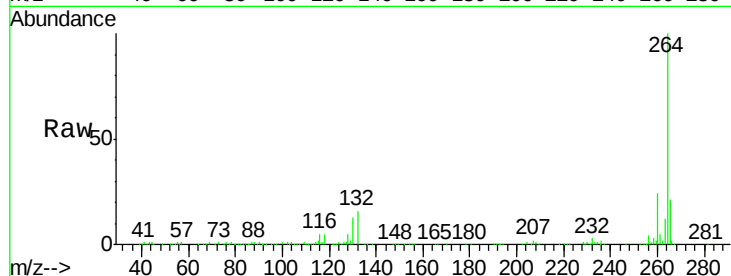
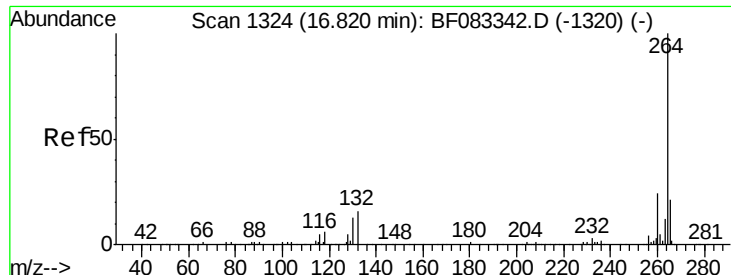
Tot Ion:240 Resp: 327625
Ion Ratio Lower Upper
240 100
120 10.9 6.9 10.3#
236 26.5 19.8 29.6



#78
Terphenyl-d14
Concen: 90.89 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

Tgt Ion:244 Resp: 1248687
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.9 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	255534
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.4
265	21.2	16.8	25.2

