

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083495.D
 Acq On : 4 Dec 2015 9:04
 Operator : UM/IZ
 Sample : G4588-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 09:44:33 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

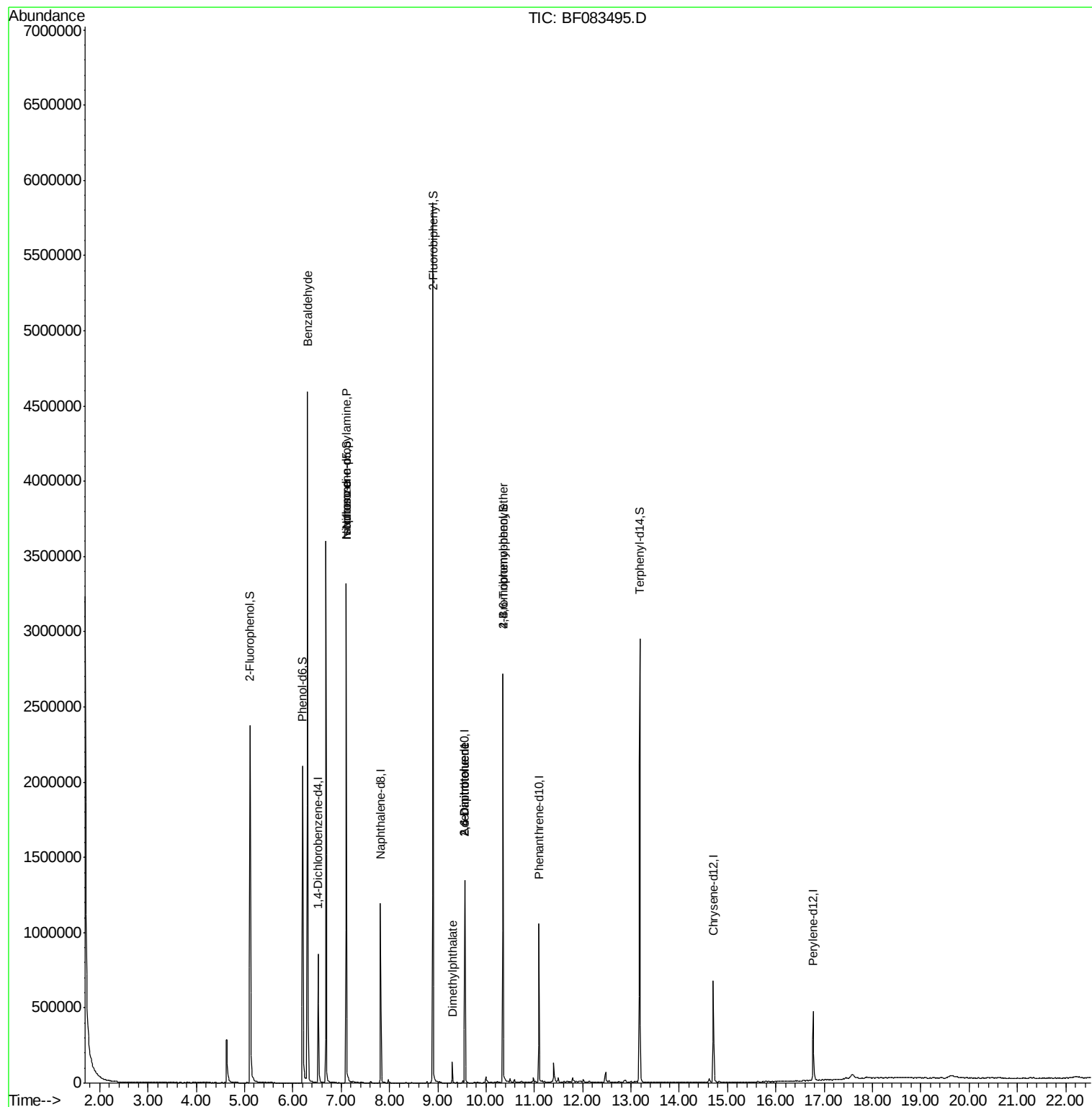
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	158261	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	568472	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	272356	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	411399	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	336979	20.00	ng	-0.06
86) Perylene-d12	16.77	264	270351	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	782999	74.24	ng	-0.01
7) Phenol-d6	6.20	99	796018	55.14	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1185307	91.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	307450	112.45	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1728394	90.43	ng	-0.02
78) Terphenyl-d14	13.19	244	1371843	97.09	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.30	77	32470	2.80	ng	# 77
19) n-Nitroso-di-n-propylamine	7.10	70	161796	15.68	ng	# 81
25) Isophorone	7.10	82	934520	37.31	ng	# 70
49) Dimethylphthalate	9.30	163	60301	2.72	ng	98
50) 2,6-Dinitrotoluene	9.56	165	33170	7.02	ng	# 19
56) 2,4-Dinitrotoluene	9.56	165	33170	5.53	ng	# 6
66) 4-Bromophenyl-phenylether	10.35	248	22261	4.95	ng	# 1

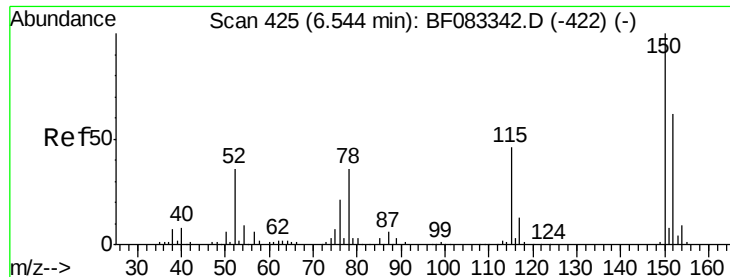
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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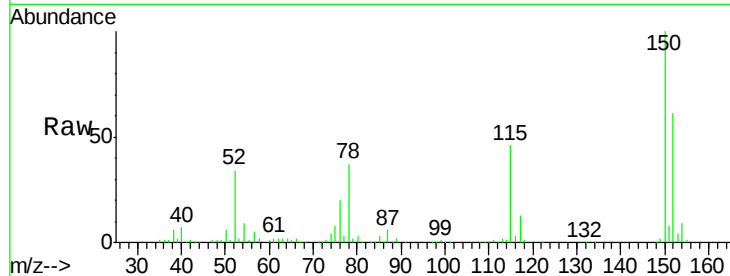


#1

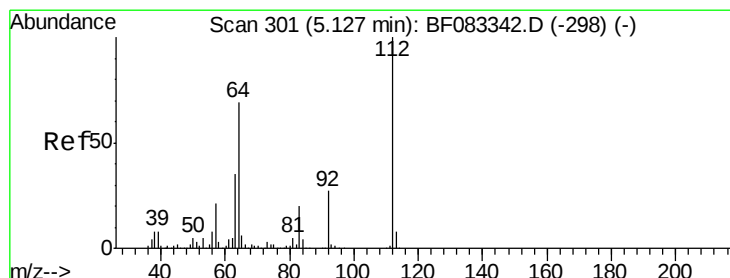
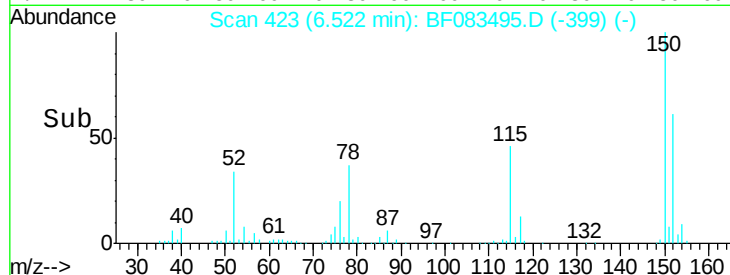
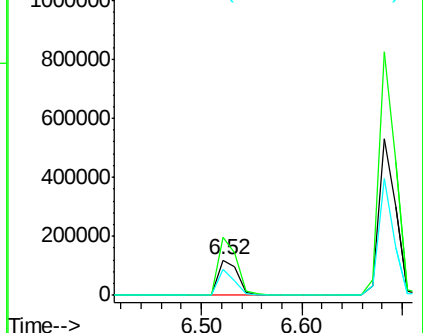
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 158261
Ion Ratio Lower Upper
152 100
150 164.2 129.8 194.8
115 75.0 59.2 88.8



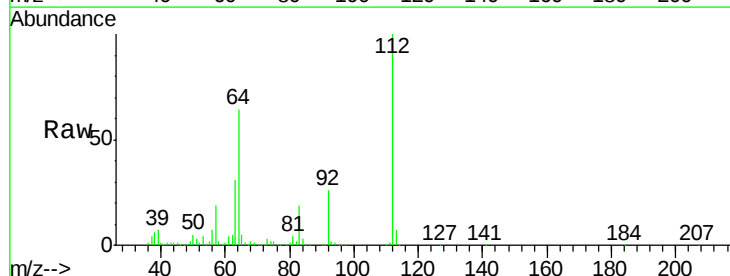
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



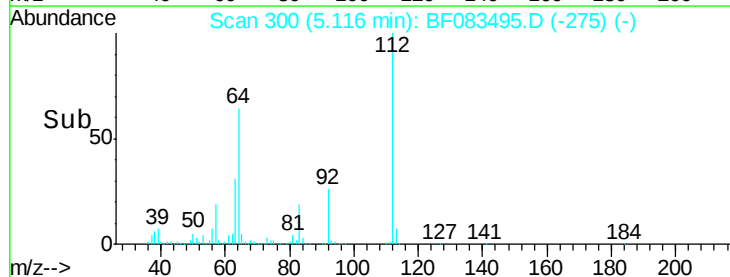
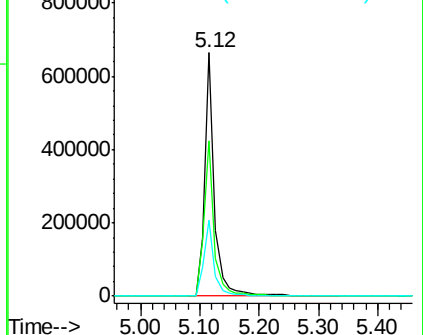
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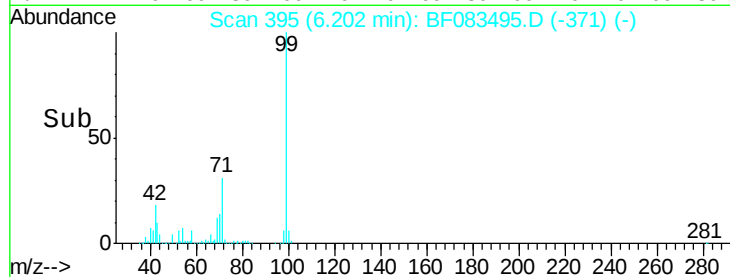
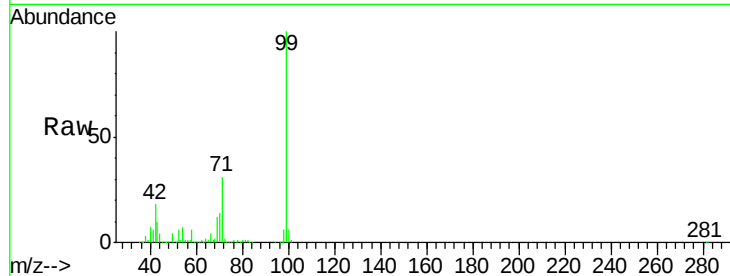
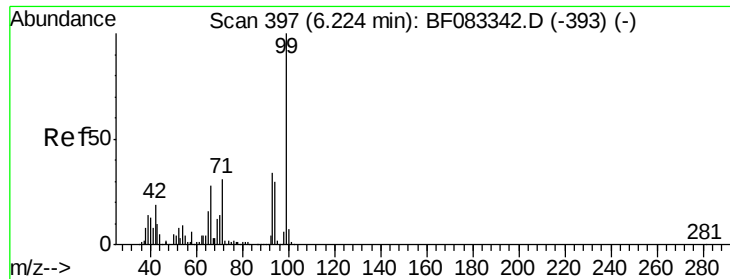
2-Fluorophenol
Concen: 74.24 ng
RT: 5.12 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Tgt Ion:112 Resp: 782999
Ion Ratio Lower Upper
112 100
64 63.6 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: 55.14 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083495.D

Acq: 4 Dec 2015 9:04

Instrument :

BNA_F

ClientSampled :

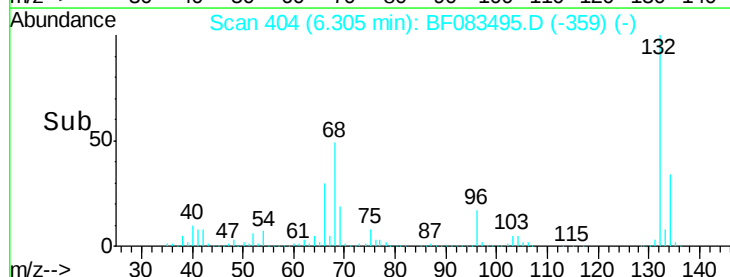
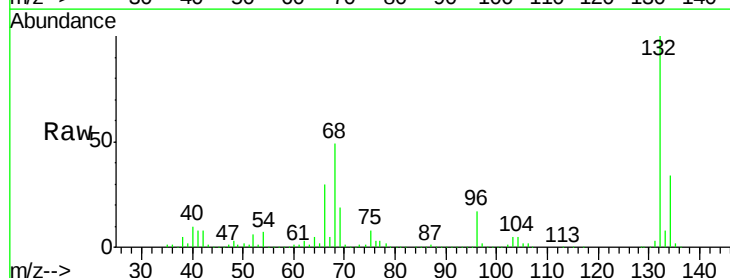
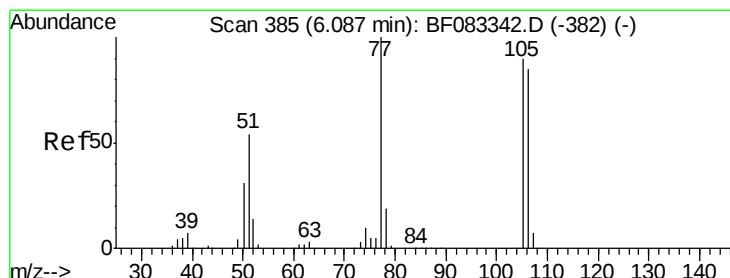
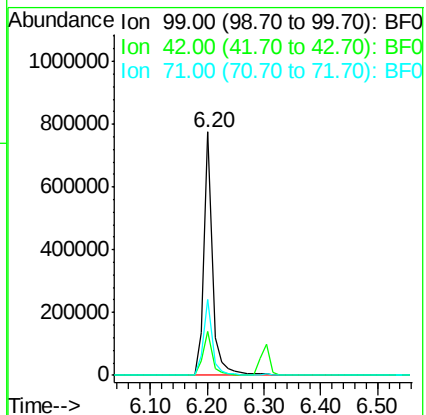
Tot Ion: 99 Resp: 796018

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

71 31.0 24.7 37.1



#9

Benzaldehyde

Concen: 2.80 ng

RT: 6.30 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF083495.D

Acq: 4 Dec 2015 9:04

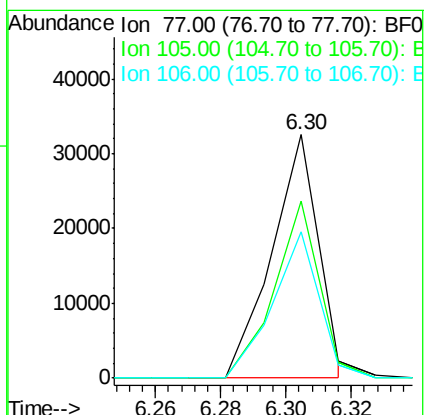
Tgt Ion: 77 Resp: 32470

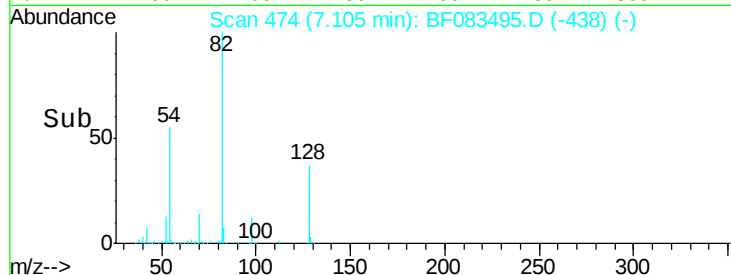
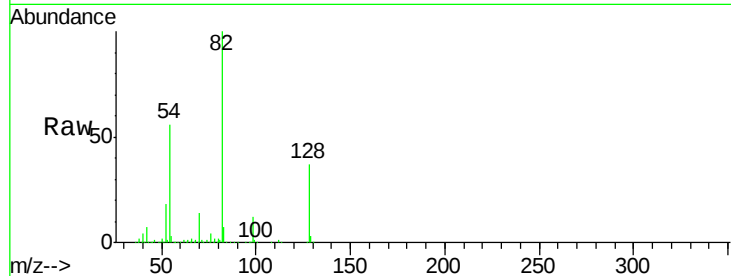
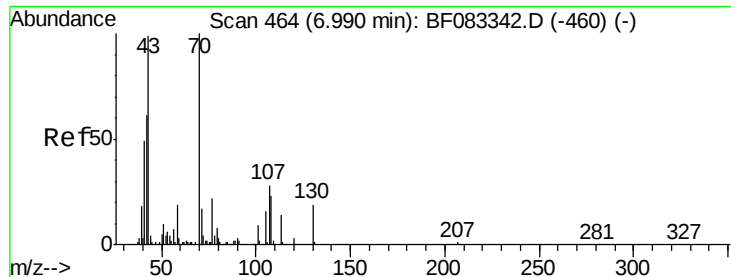
Ion Ratio Lower Upper

77 100

105 72.6 70.0 110.0

106 60.1 65.0 105.0#

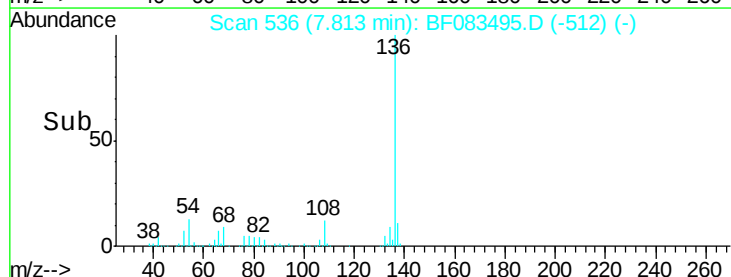
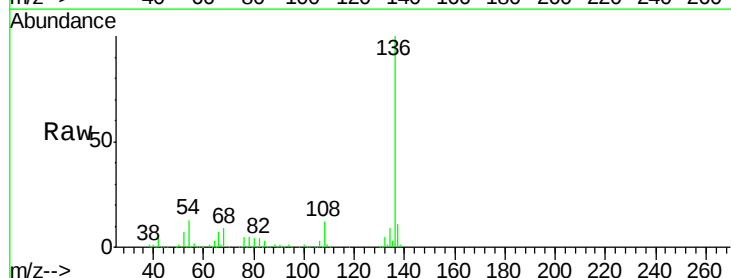
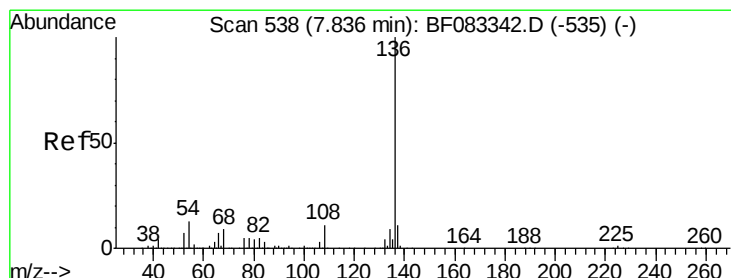
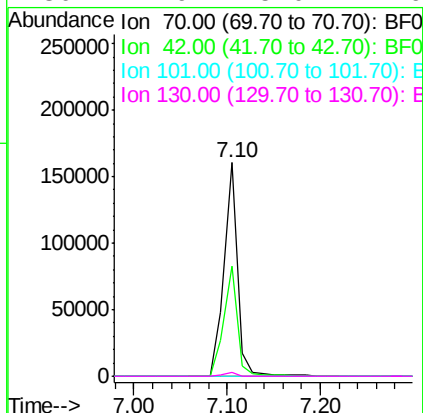




#19
n-Nitroso-di-n-propylamine
Concen: 15.68 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

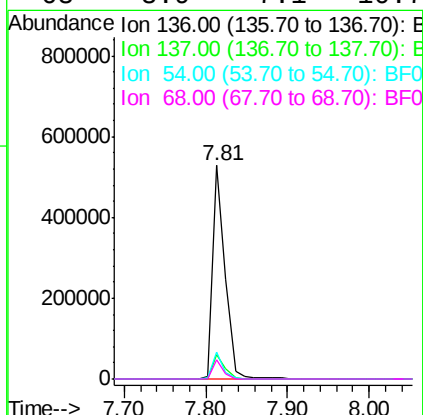
Instrument :
BNA_F
ClientSampleId :

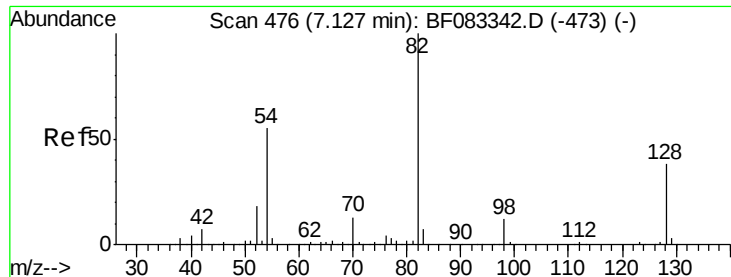
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.4	48.8	73.2	
101	0.0	7.1	10.7	#
130	1.9	15.0	22.6	#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.4	9.0	13.4	
54	12.9	10.1	15.1	
68	8.9	7.1	10.7	



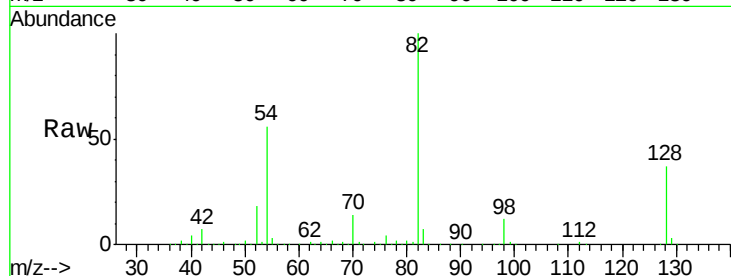


#23
 Nitrobenzene-d5
 Concen: 91.66 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

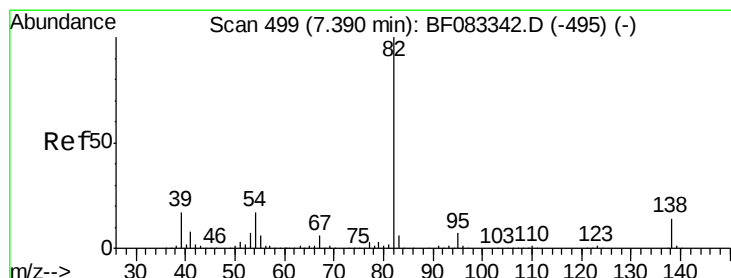
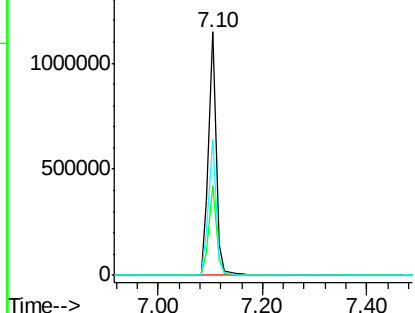
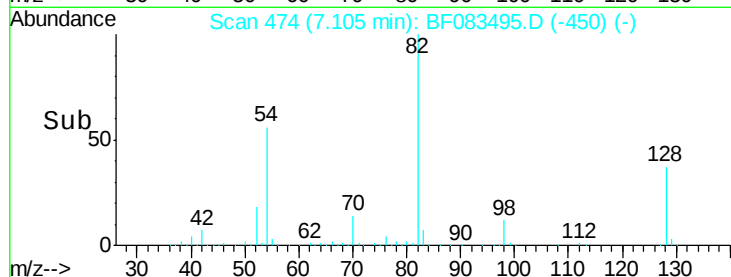
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1185307

Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.6	46.0
54	55.9	43.8	65.6



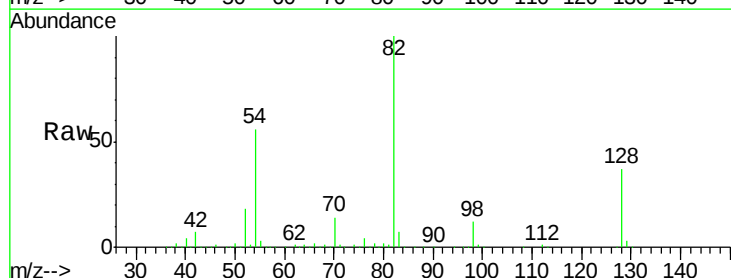
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



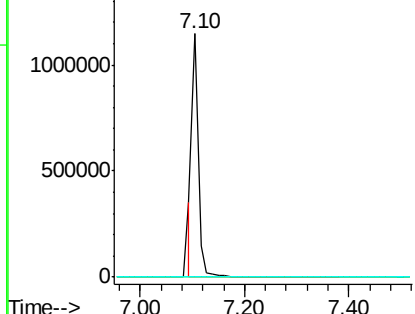
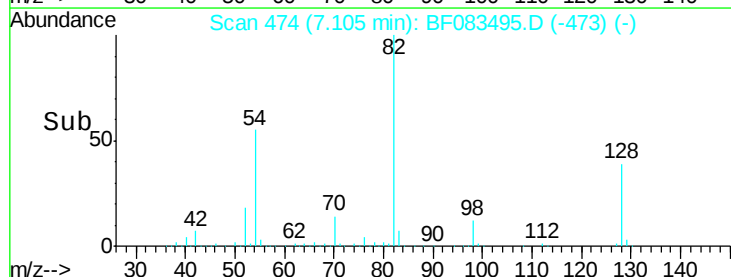
#25
 Isophorone
 Concen: 37.31 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

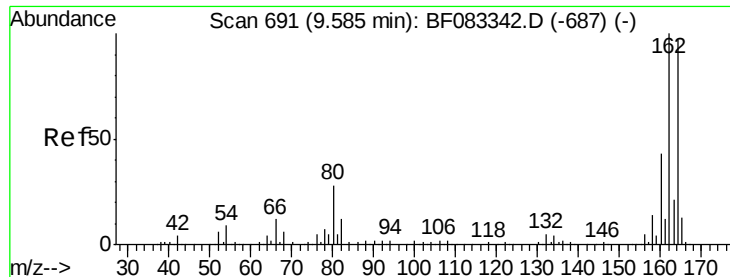
Tgt Ion: 82 Resp: 934520

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

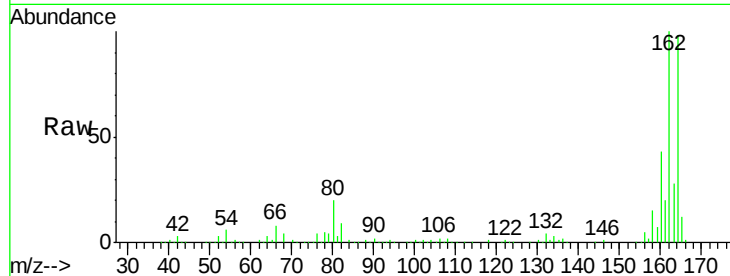




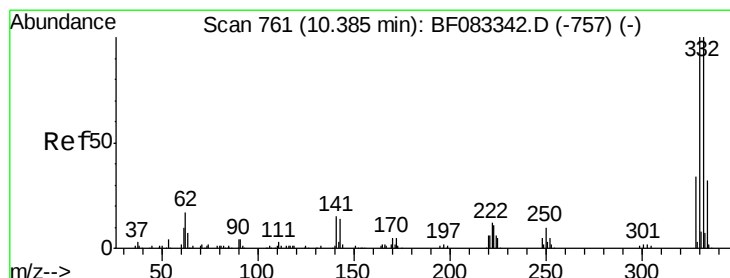
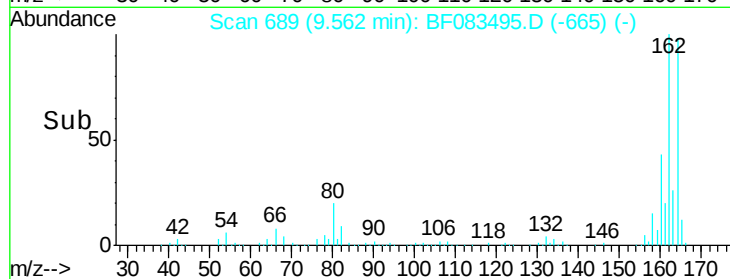
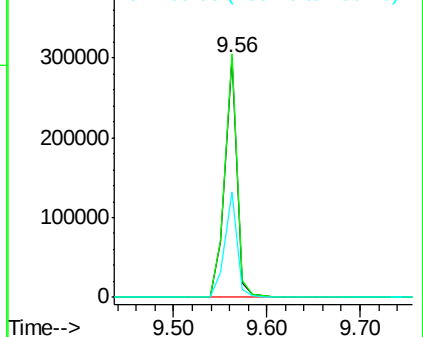
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 272356
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 43.7 35.3 52.9

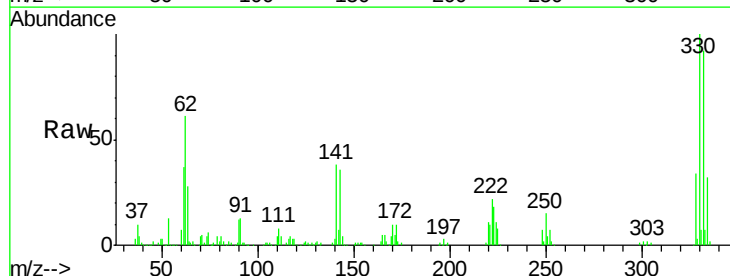


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

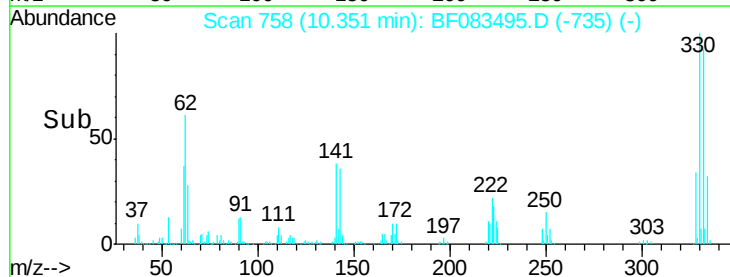
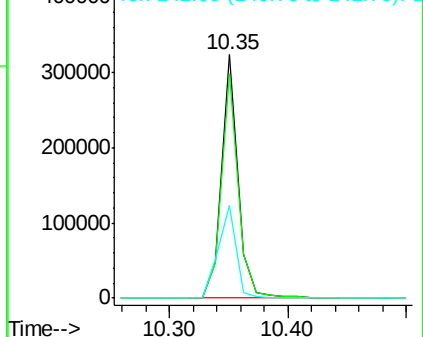


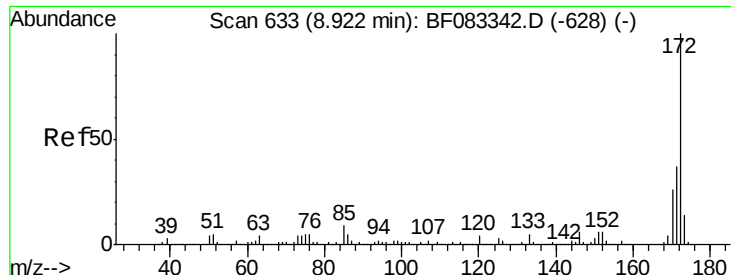
#41
 2,4,6-Tribromophenol
 Concen: 112.45 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

Tgt Ion:330 Resp: 307450
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.8 116.6
 141 42.2 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

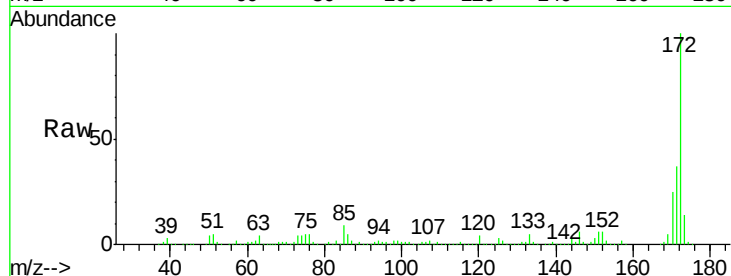




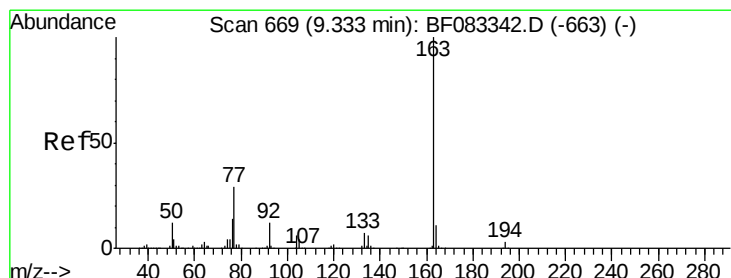
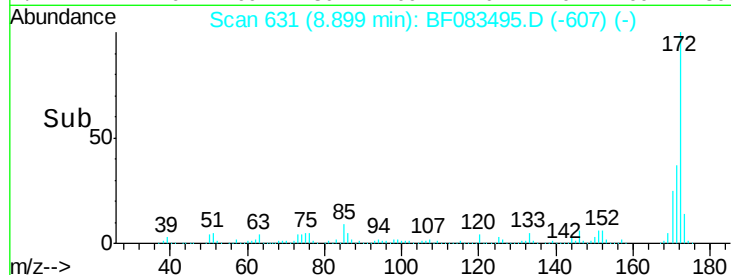
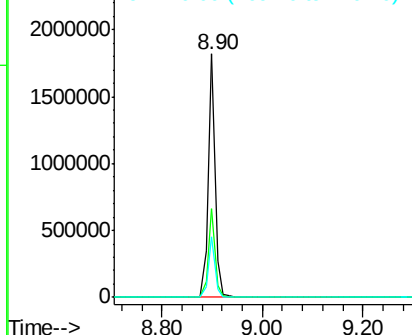
#44
2-Fluorobiphenyl
Concen: 90.43 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1728394
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 25.0 20.4 30.6

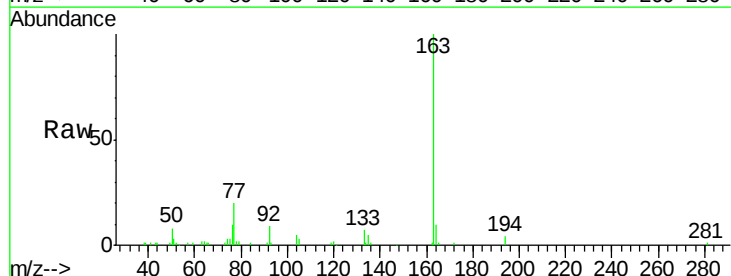


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

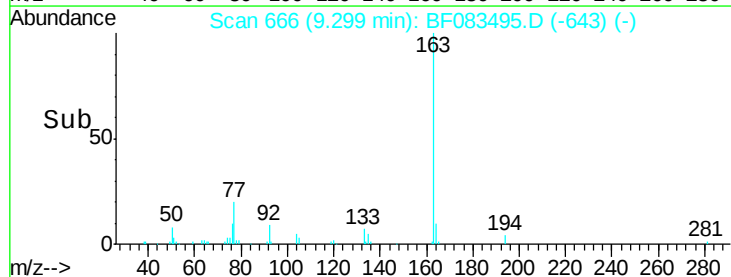
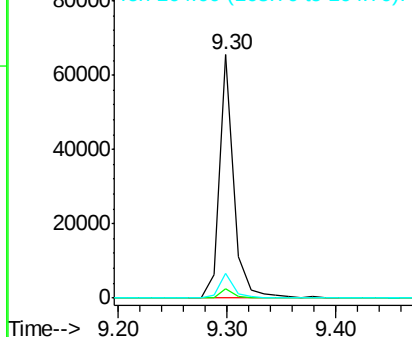


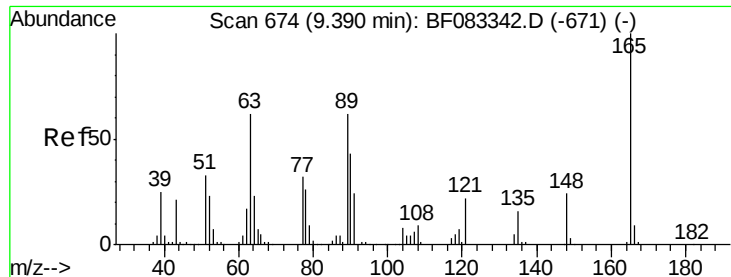
#49
Dimethylphthalate
Concen: 2.72 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Tgt Ion:163 Resp: 60301
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.8 13.2



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

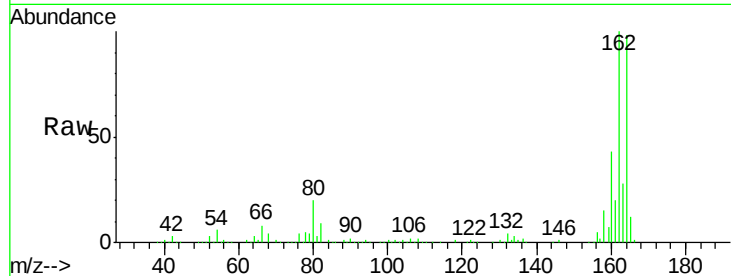




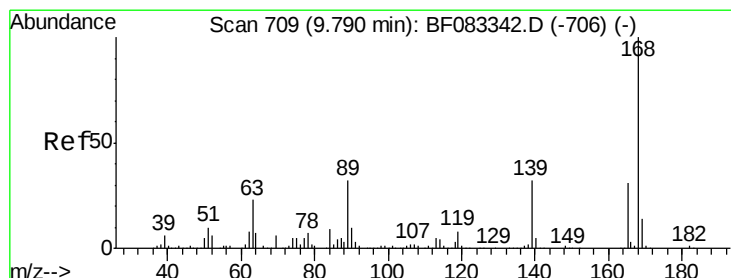
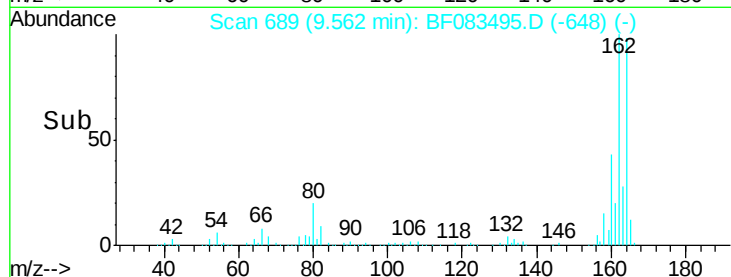
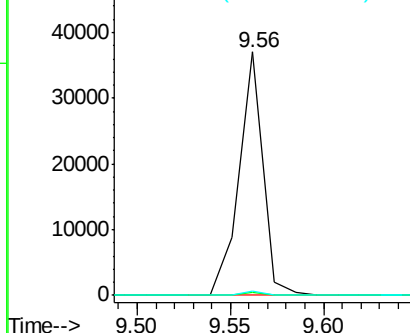
#50
 2,6-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.56 min Scan# 689
 Delta R.T. 0.17 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 33170
 Ion Ratio Lower Upper
 165 100
 63 1.3 56.0 84.0#
 89 1.7 49.8 74.8#

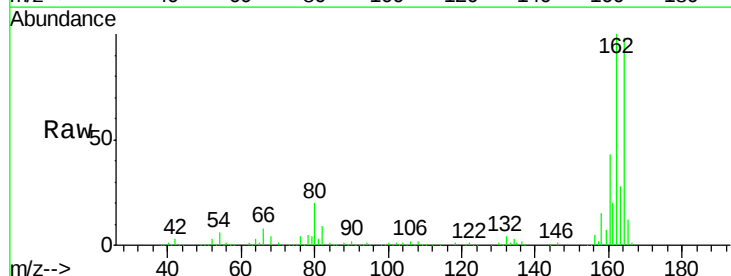


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

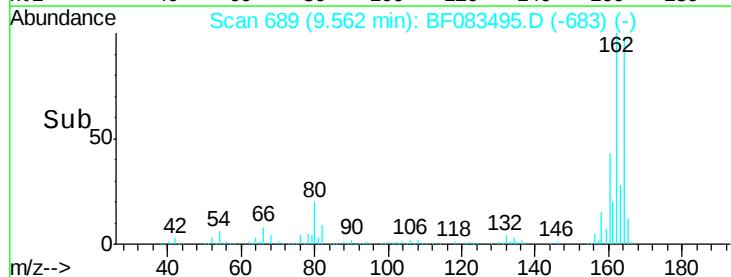
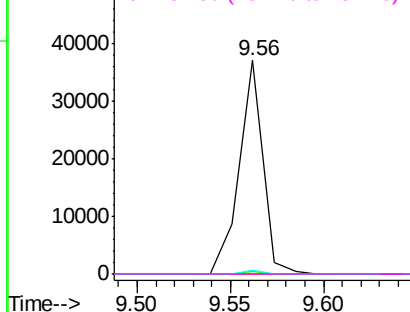


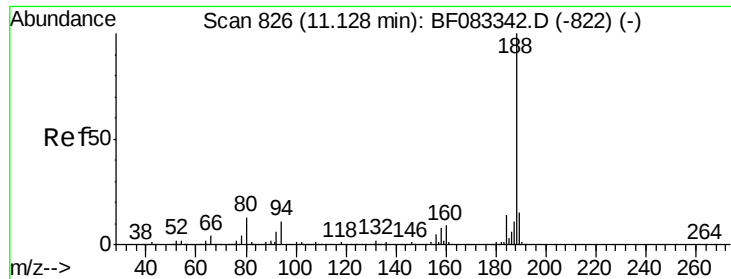
#56
 2,4-Dinitrotoluene
 Concen: 5.53 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.23 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

Tgt Ion:165 Resp: 33170
 Ion Ratio Lower Upper
 165 100
 63 1.3 65.4 98.0#
 89 1.7 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

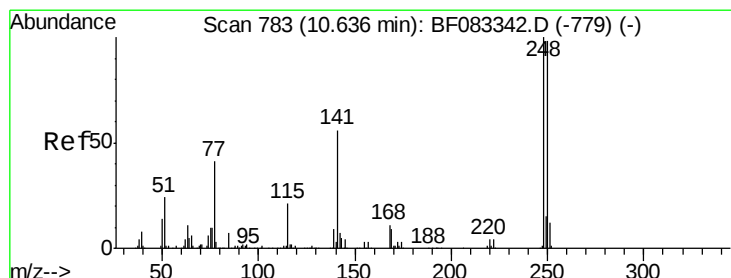
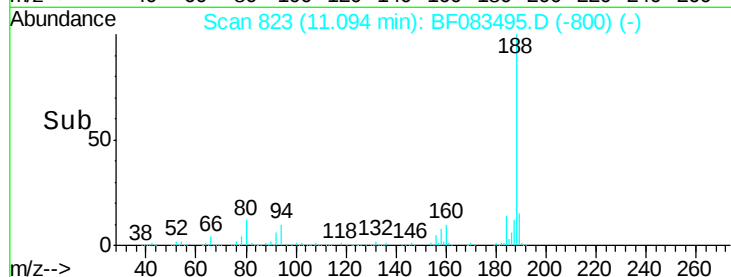
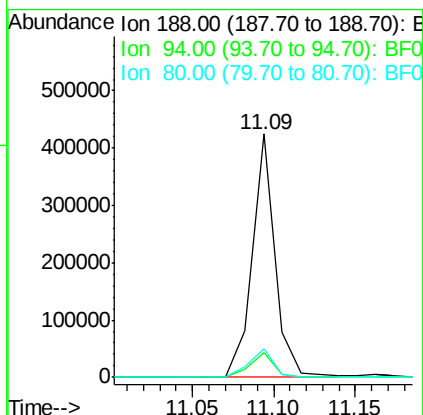
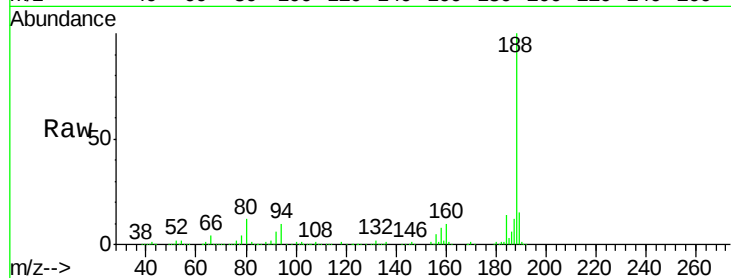




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

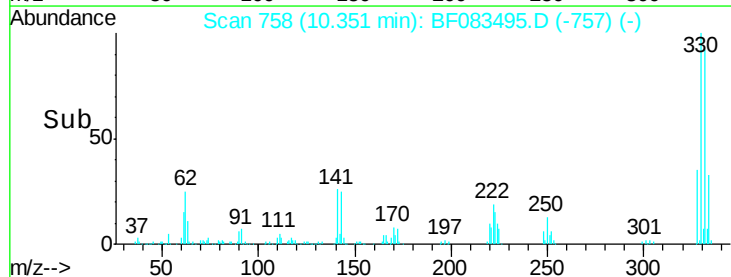
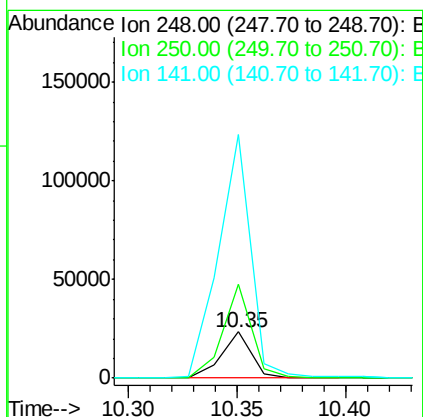
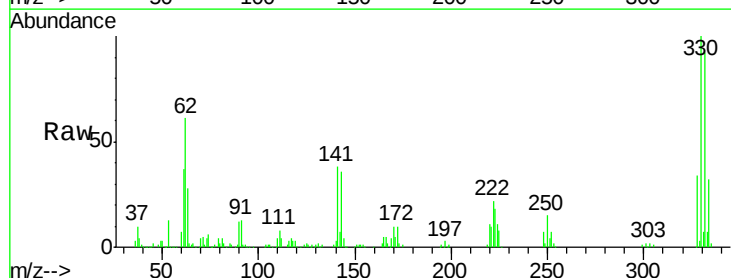
Instrument :
BNA_F
ClientSampleId :

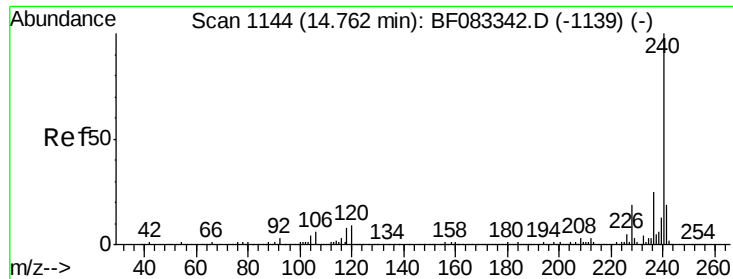
Tot Ion:188 Resp: 411399
Ion Ratio Lower Upper
188 100
94 9.9 8.7 13.1
80 11.7 10.3 15.5



#66
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Tgt Ion:248 Resp: 22261
Ion Ratio Lower Upper
248 100
250 203.1 78.6 118.0#
141 530.4 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: BF083495.D

Acq: 4 Dec 2015 9:04

Instrument :

BNA_F

ClientSampleId :

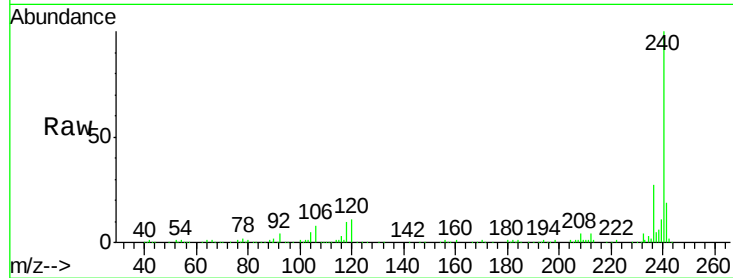
Tot Ion:240 Resp: 336979

Ion Ratio Lower Upper

240 100

120 11.2 6.9 10.3#

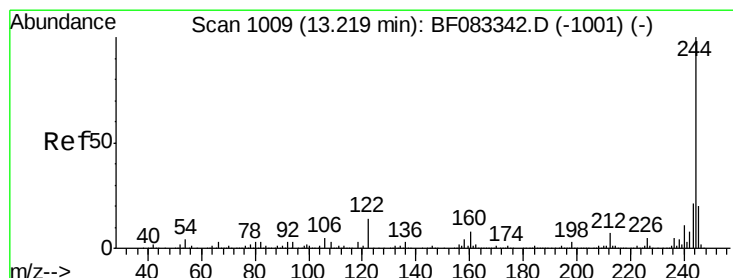
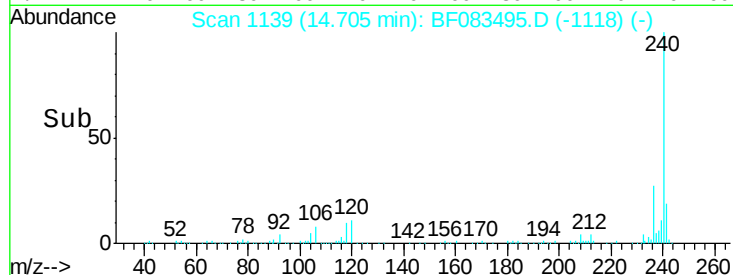
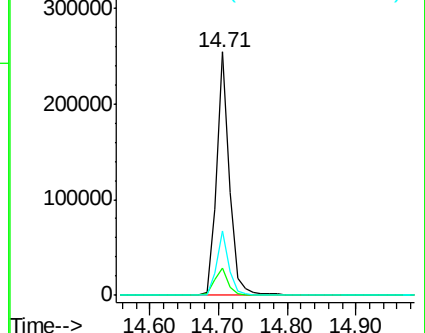
236 26.7 19.8 29.6



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: 97.09 ng

RT: 13.19 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF083495.D

Acq: 4 Dec 2015 9:04

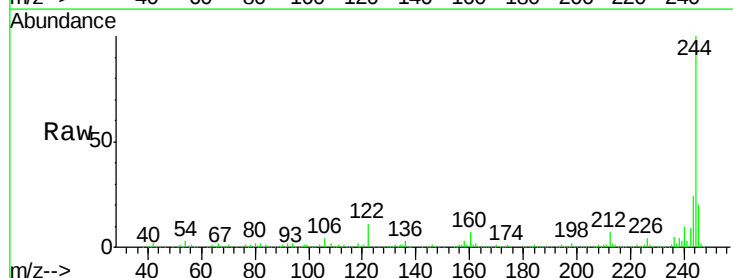
Tgt Ion:244 Resp: 1371843

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

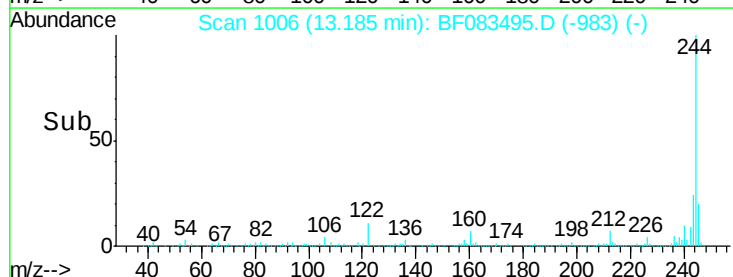
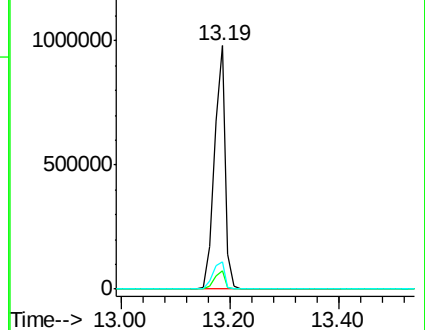
122 11.2 11.0 16.4

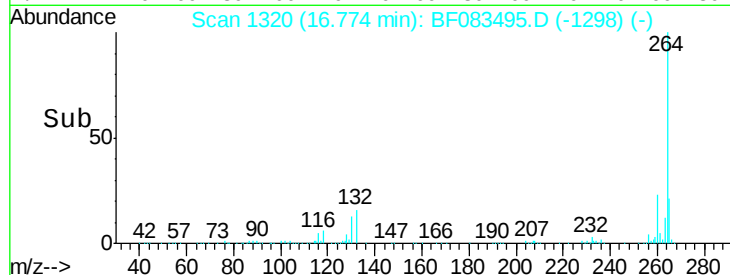
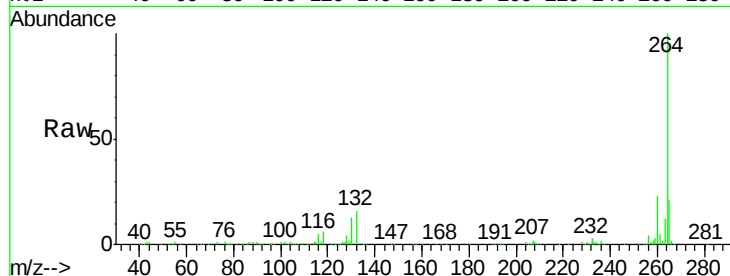
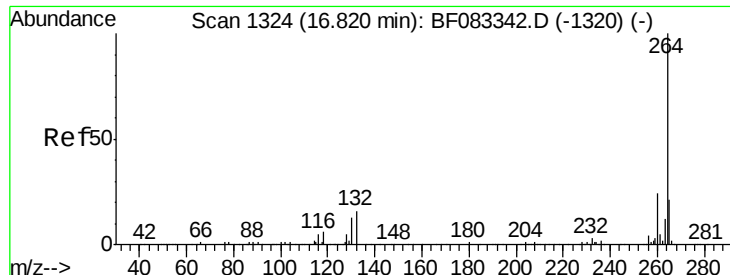


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	270351
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.0	28.4
265	21.2	16.8	25.2

