

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083763.D
 Acq On : 14 Dec 2015 7:25
 Operator : UM/IZ
 Sample : G4648-10
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 09:59:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

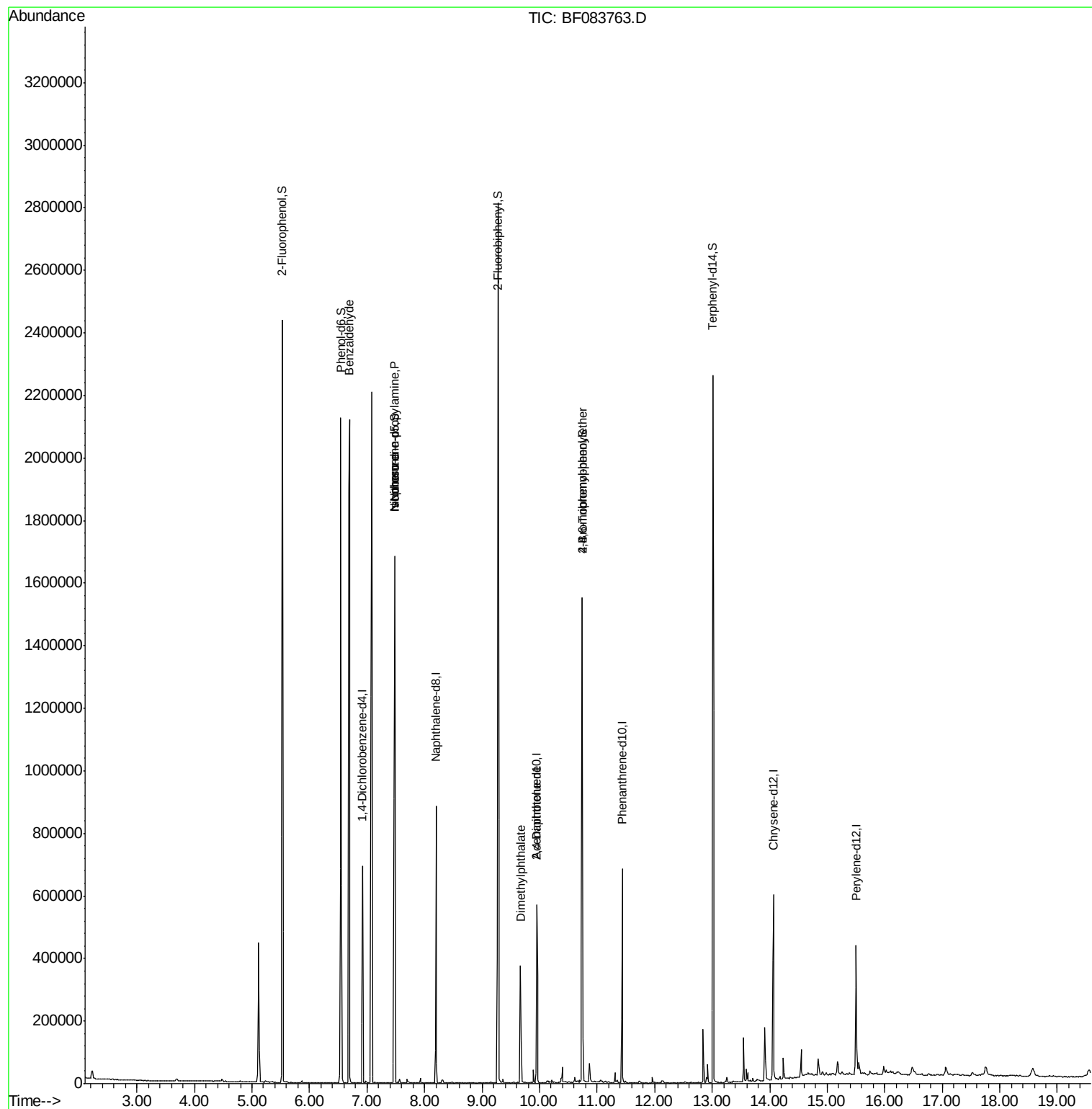
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	105591	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	366433	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	139649	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	250559	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	253340	20.00	ng	-0.01
86) Perylene-d12	15.51	264	206316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	771664	117.90	ng	0.00
7) Phenol-d6	6.54	99	906929	109.42	ng	0.00
23) Nitrobenzene-d5	7.48	82	642534	98.10	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	176945	124.35	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	963847	112.38	ng	-0.01
78) Terphenyl-d14	13.01	244	844818	71.73	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	18934	4.25	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.48	70	85993	16.94	ng	# 69
25) Isophorone	7.48	82	627998	48.87	ng	# 69
49) Dimethylphthalate	9.66	163	167606	15.39	ng	# 99
56) 2,4-Dinitrotoluene	9.95	165	17292	5.73	ng	# 11
66) 4-Bromophenyl-phenylether	10.74	248	12785	4.56	ng	# 1

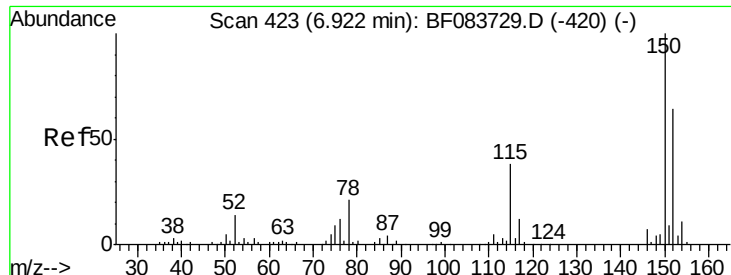
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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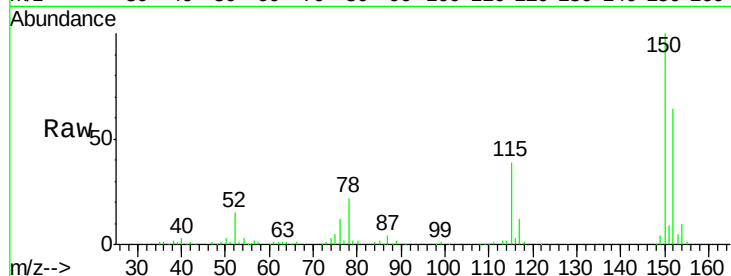


#1

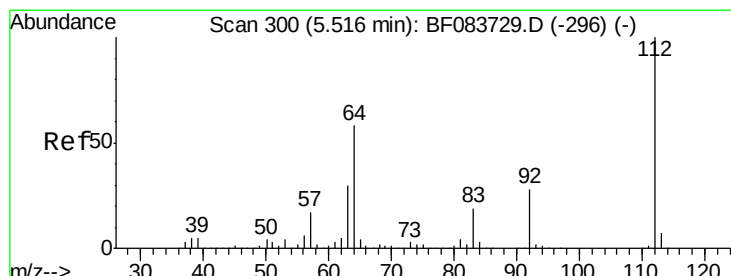
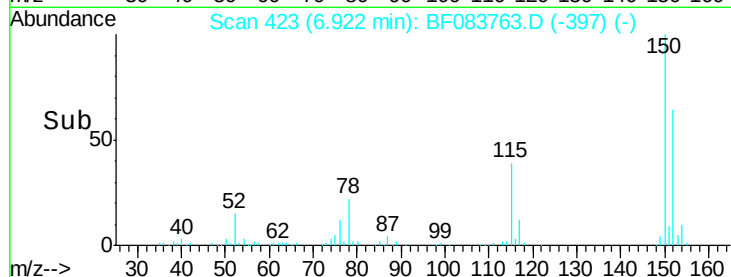
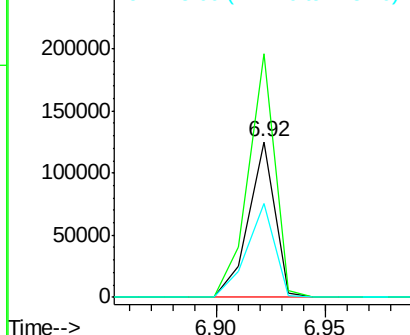
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083763.D
Acq: 14 Dec 2015 7:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105591
Ion Ratio Lower Upper
152 100
150 156.4 126.5 189.7
115 60.5 52.3 78.5



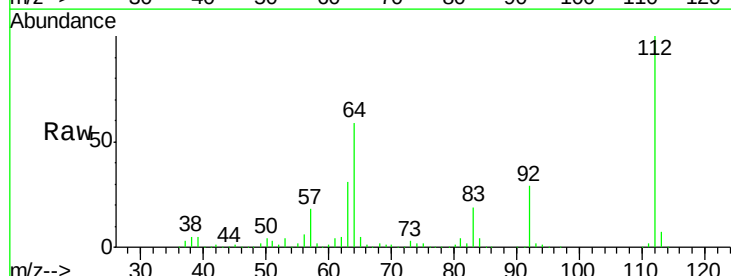
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



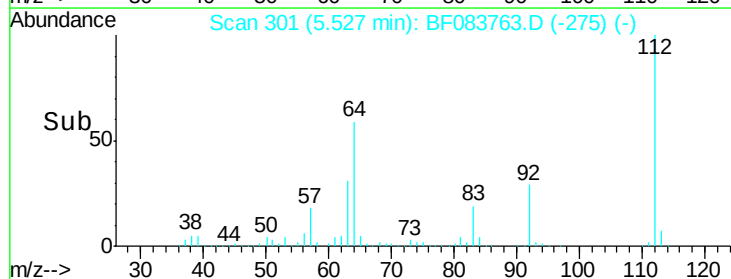
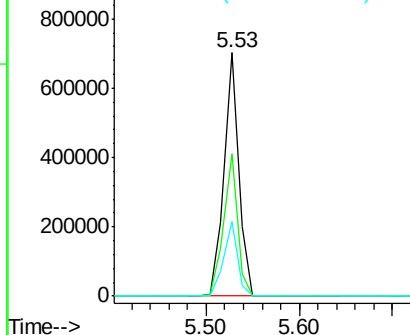
#5

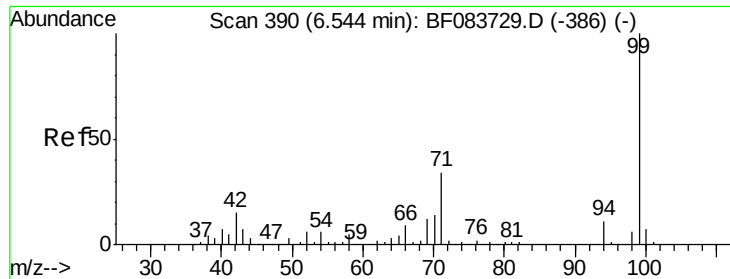
2-Fluorophenol
Concen: 117.90 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083763.D
Acq: 14 Dec 2015 7:25

Tgt Ion:112 Resp: 771664
Ion Ratio Lower Upper
112 100
64 58.7 50.5 75.7
63 30.8 25.8 38.6



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: 109.42 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083763.D

Acq: 14 Dec 2015 7:25

Instrument :

BNA_F

ClientSampled :

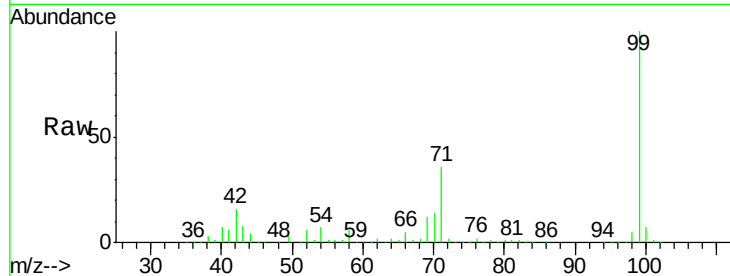
Tot Ion: 99 Resp: 906929

Ion Ratio Lower Upper

99 100

42 16.3 17.3 25.9#

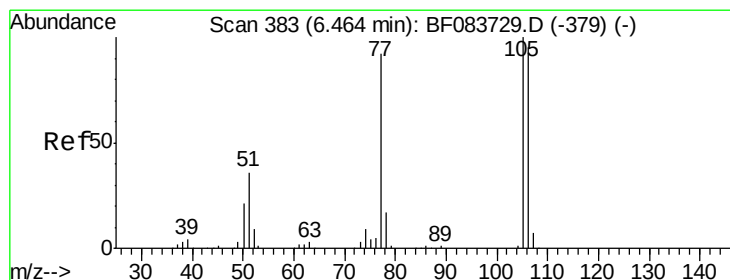
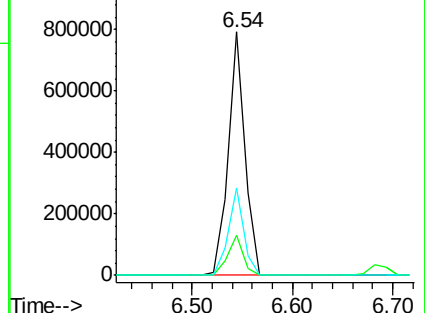
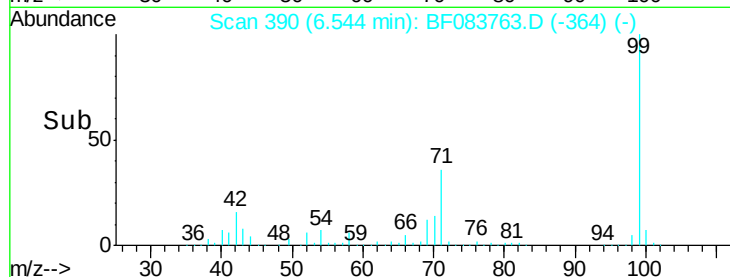
71 35.7 26.6 40.0



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: 4.25 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083763.D

Acq: 14 Dec 2015 7:25

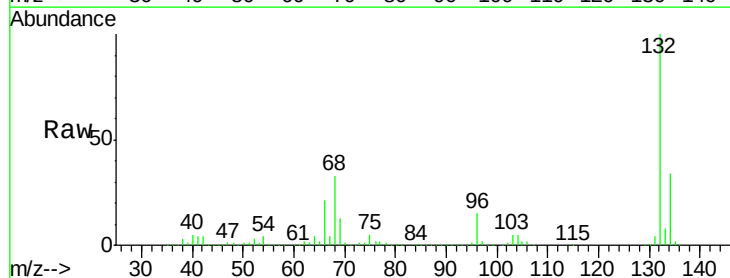
Tgt Ion: 77 Resp: 18934

Ion Ratio Lower Upper

77 100

105 89.4 71.8 111.8

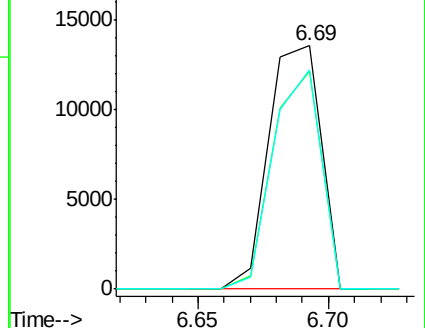
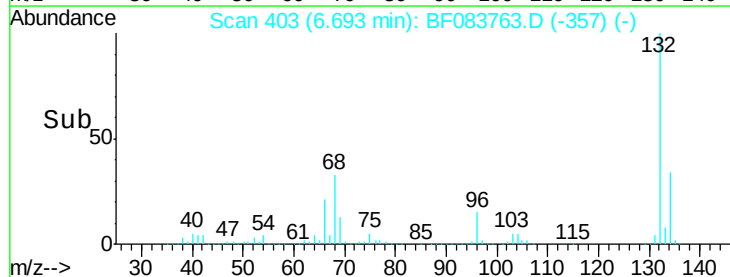
106 90.0 66.8 106.8

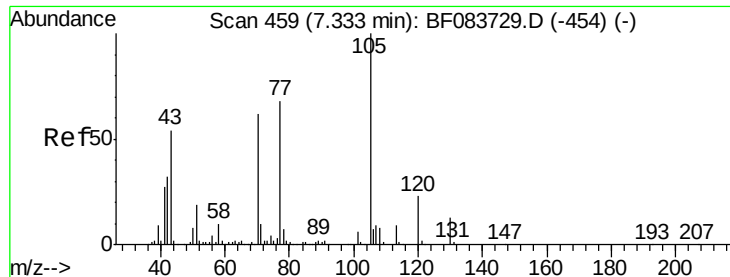


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

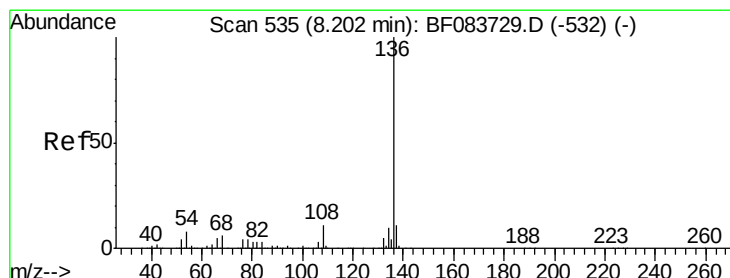
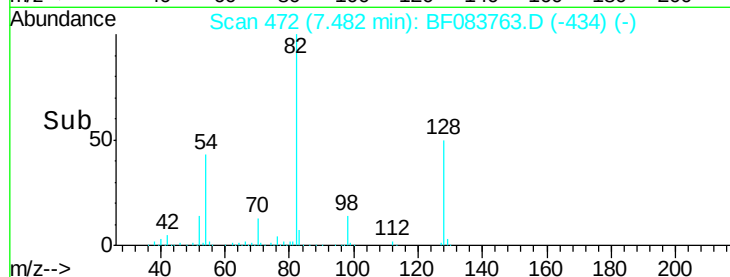
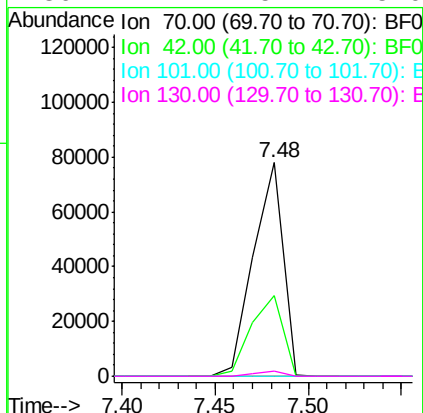
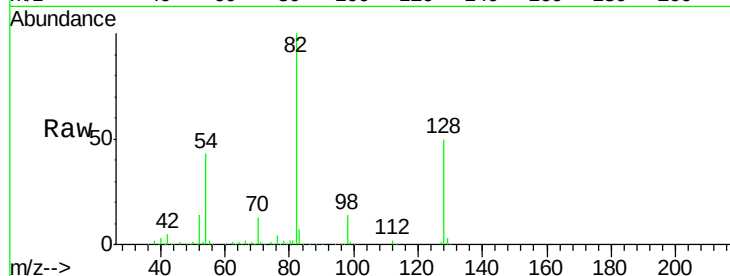




#19
n-Nitroso-di-n-propylamine
Concen: 16.94 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083763.D
Acq: 14 Dec 2015 7:25

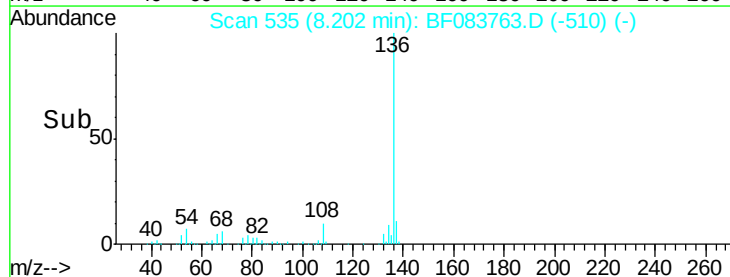
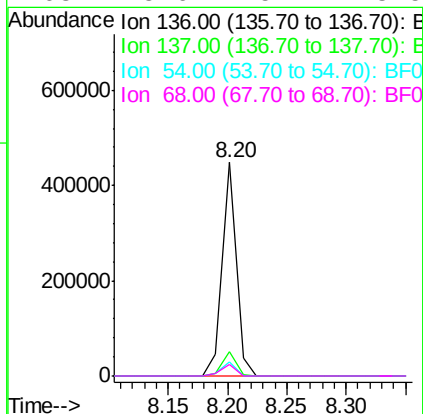
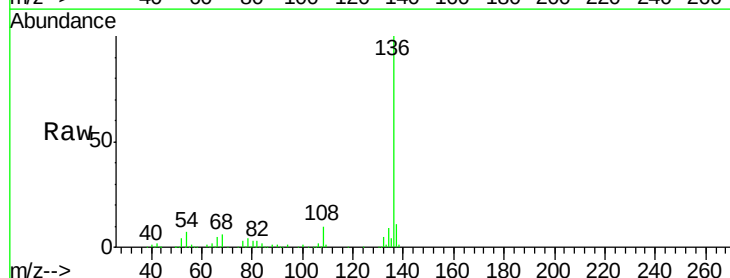
Instrument :
BNA_F
ClientSampleId :

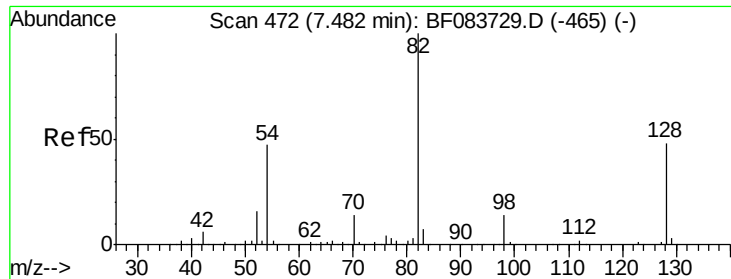
Tot Ion: 70 Resp: 85993
Ion Ratio Lower Upper
70 100
42 37.9 49.2 73.8#
101 0.0 7.1 10.7#
130 2.7 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083763.D
Acq: 14 Dec 2015 7:25

Tgt Ion:136 Resp: 366433
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.9 7.8 11.6#
68 5.6 5.7 8.5#

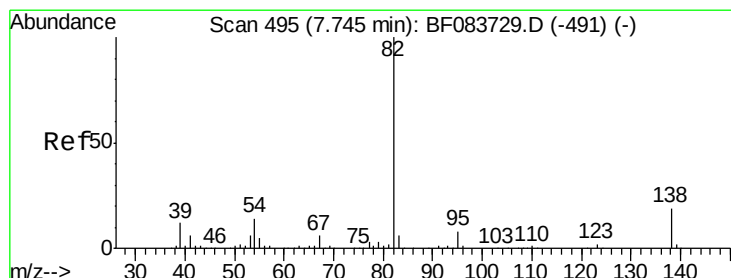
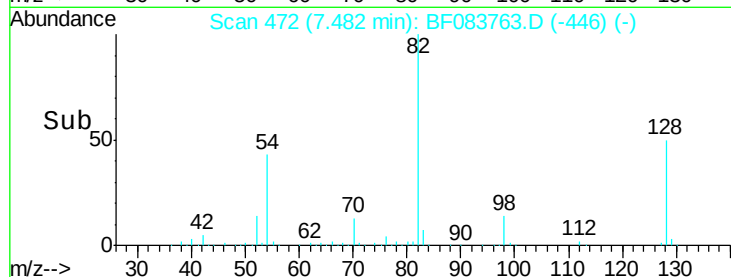
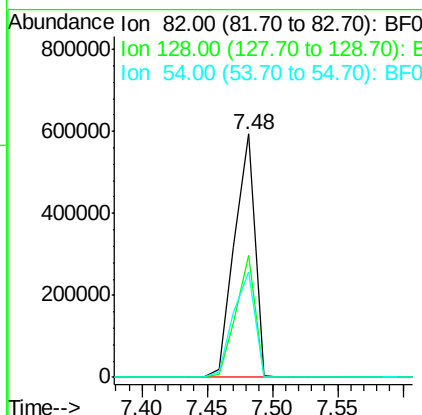
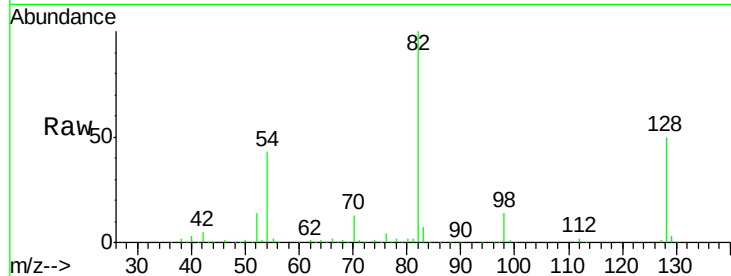




#23
 Nitrobenzene-d5
 Concen: 98.10 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083763.D
 Acq: 14 Dec 2015 7:25

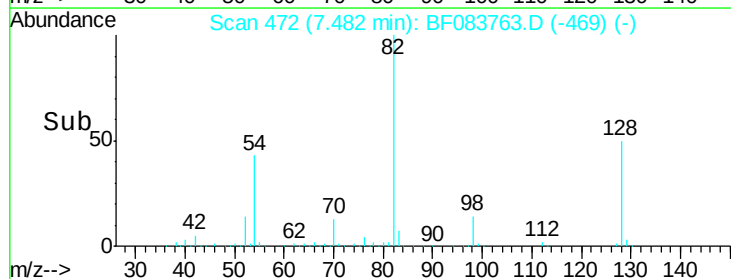
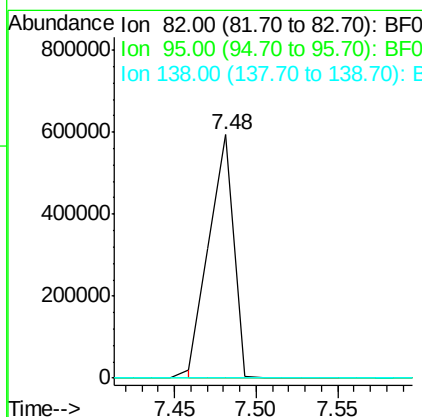
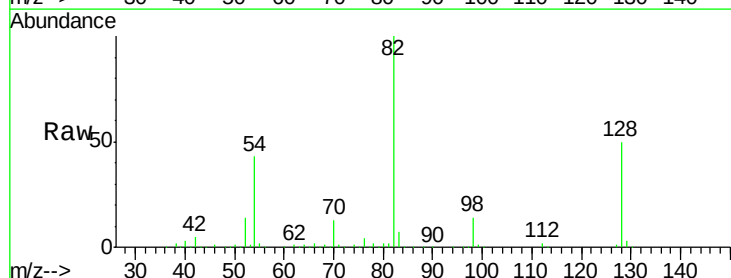
Instrument :
 BNA_F
 ClientSampled :

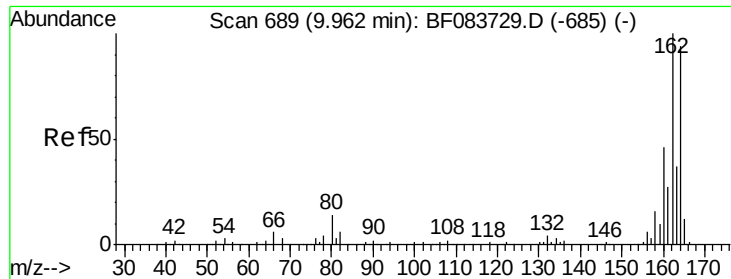
Tot Ion	82	Resp	642534
Ion Ratio	100	Lower	Upper
128	50.0	30.7	46.1#
54	43.2	42.5	63.7



#25
 Isophorone
 Concen: 48.87 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083763.D
 Acq: 14 Dec 2015 7:25

Tgt Ion	82	Resp	627998
Ion Ratio	100	Lower	Upper
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#

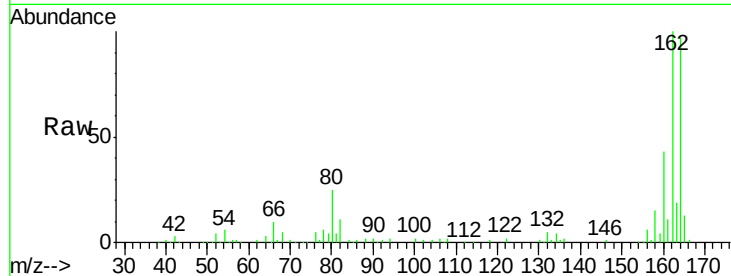




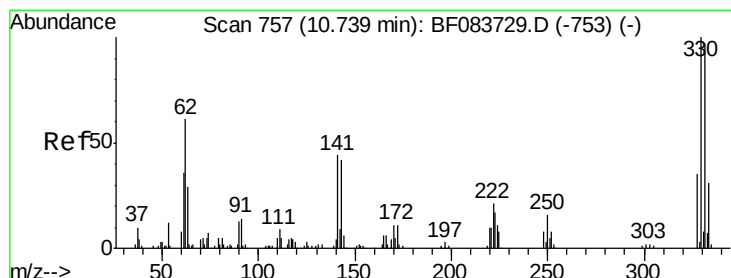
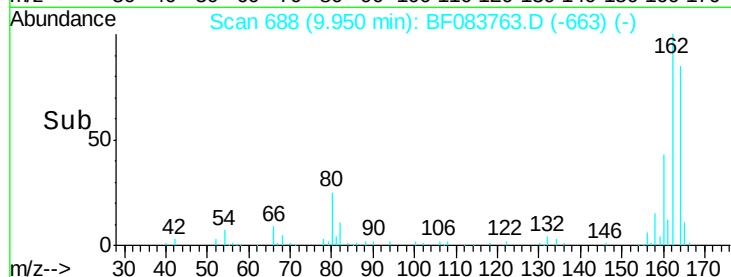
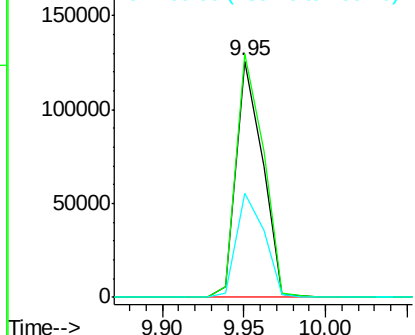
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083763.D
 Acq: 14 Dec 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 139649
 Ion Ratio Lower Upper
 164 100
 162 103.0 78.8 118.2
 160 44.0 33.4 50.2

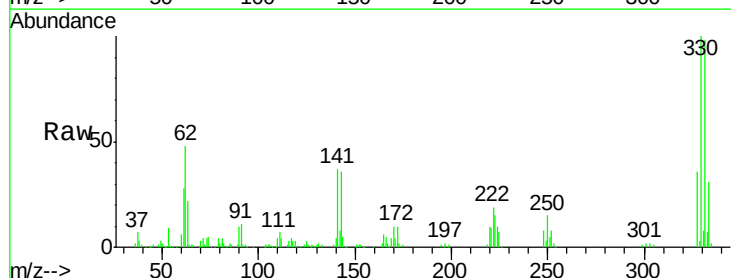


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

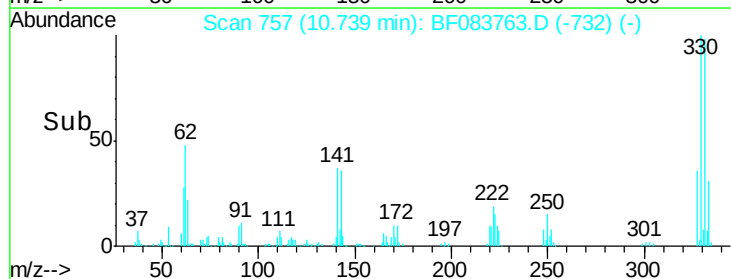
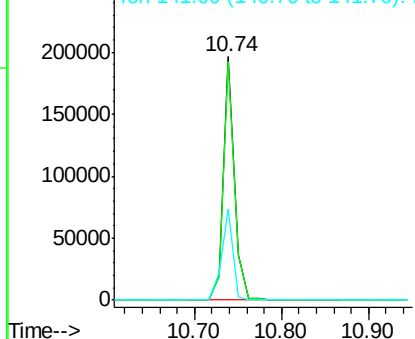


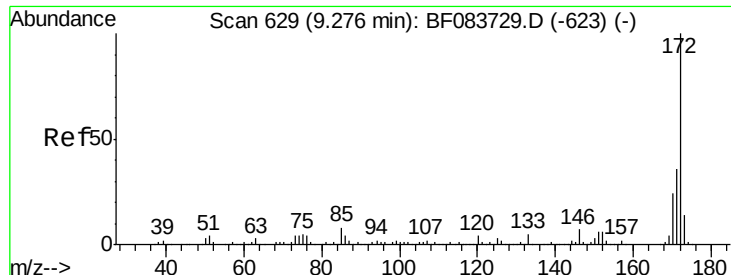
#41
 2,4,6-Tribromophenol
 Concen: 124.35 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083763.D
 Acq: 14 Dec 2015 7:25

Tgt Ion:330 Resp: 176945
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 38.8 0.0 0.0#



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

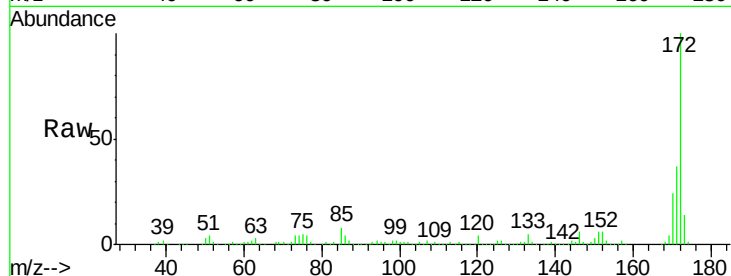




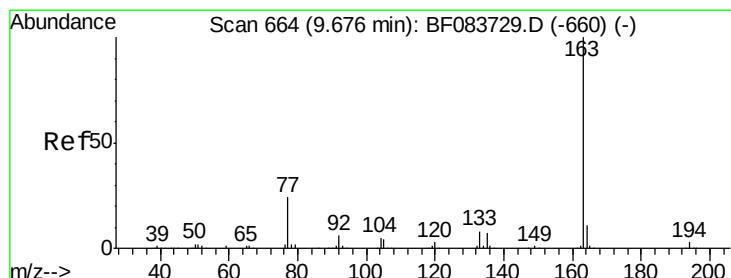
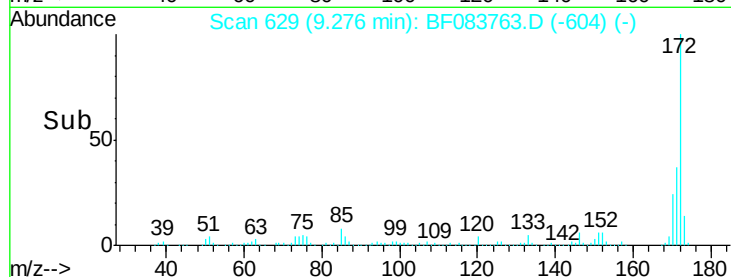
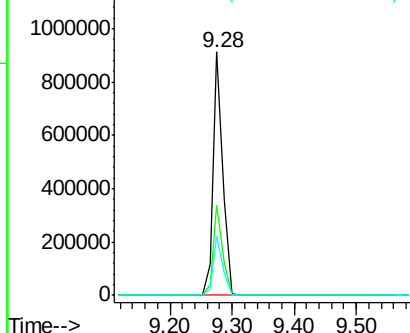
#44
2-Fluorobiphenyl
Concen: 112.38 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083763.D
Acq: 14 Dec 2015 7:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	24.4	19.4	29.0

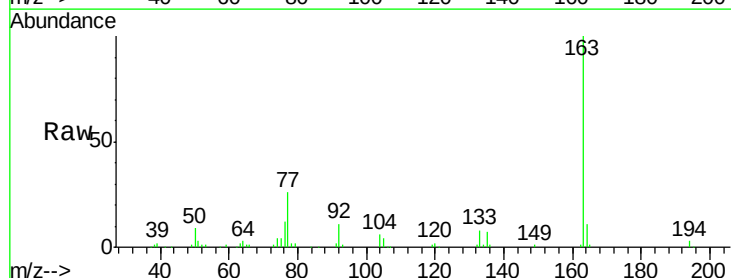


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

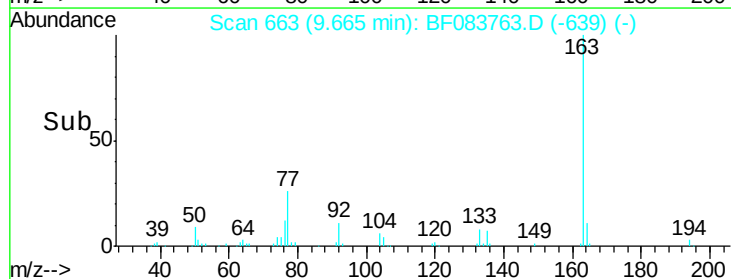
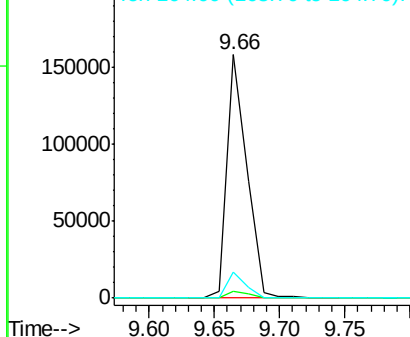


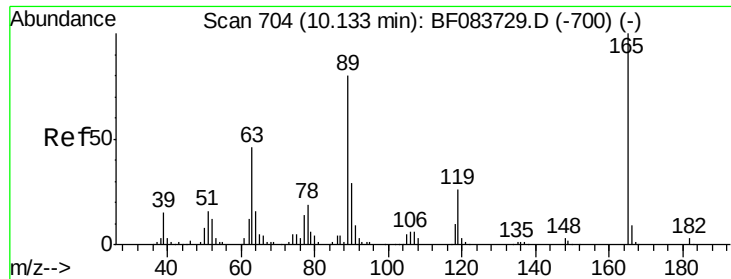
#49
Dimethylphthalate
Concen: 15.39 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083763.D
Acq: 14 Dec 2015 7:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.8	4.2#
164	10.8	8.6	13.0



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

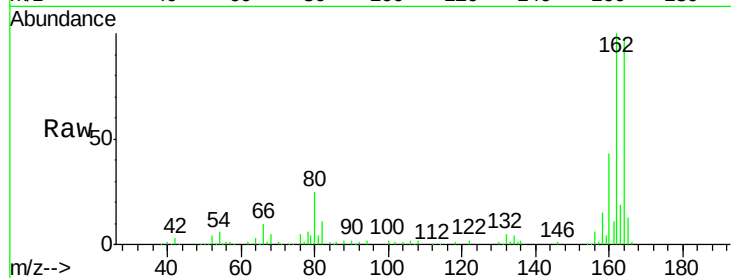




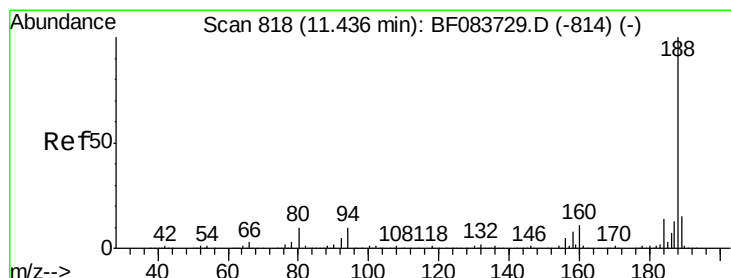
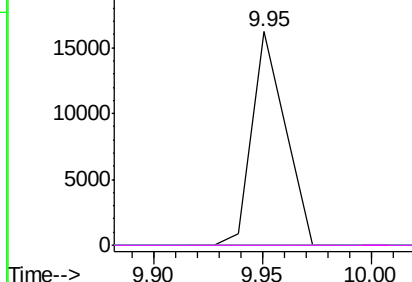
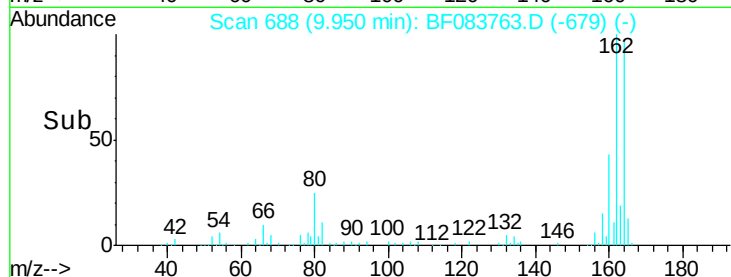
#56
 2,4-Dinitrotoluene
 Concen: 5.73 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.19 min
 Lab File: BF083763.D
 Acq: 14 Dec 2015 7:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 17292
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.2#
 89 0.0 72.6 108.8#
 182 0.0 1.4 2.0#

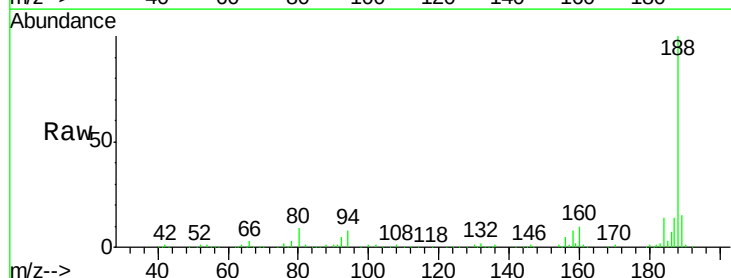


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

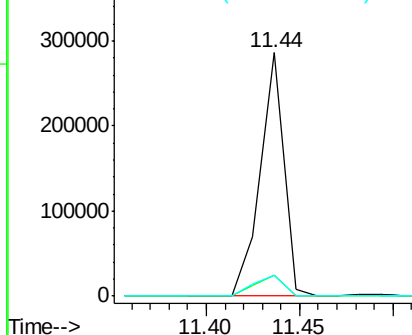
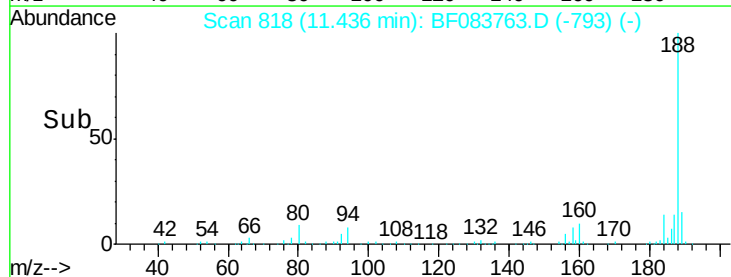


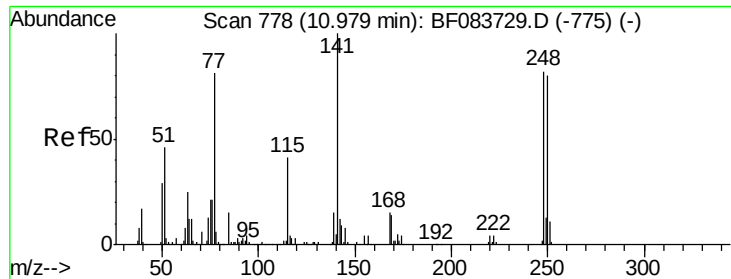
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083763.D
 Acq: 14 Dec 2015 7:25

Tgt Ion:188 Resp: 250559
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.4 14.2#
 80 8.7 10.6 16.0#



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

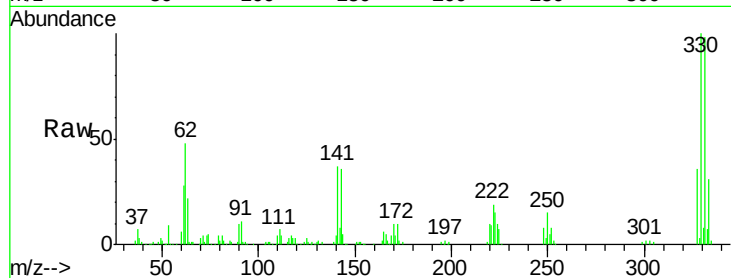




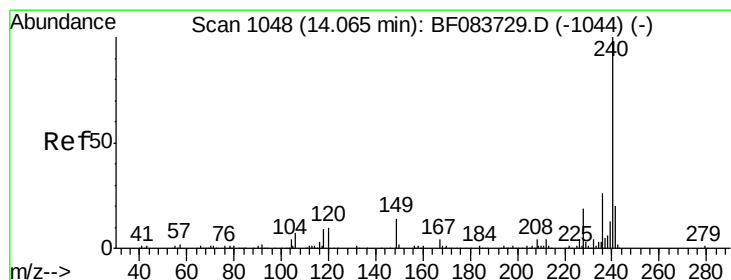
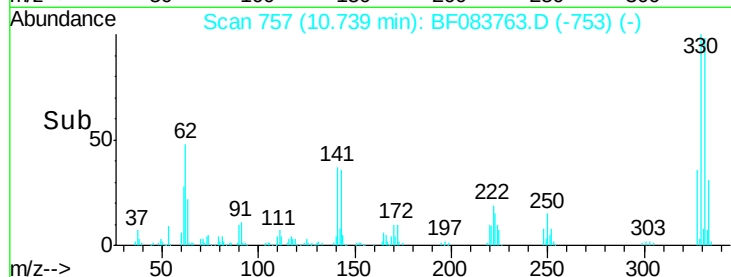
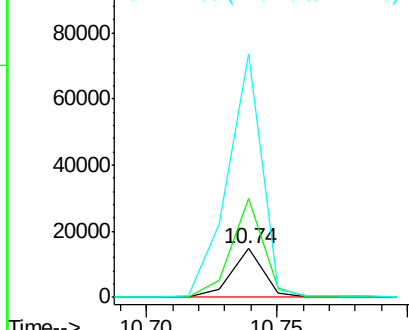
#66
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083763.D
Acq: 14 Dec 2015 7:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12785
Ion Ratio Lower Upper
248 100
250 201.2 79.2 118.8#
141 497.5 58.2 87.4#

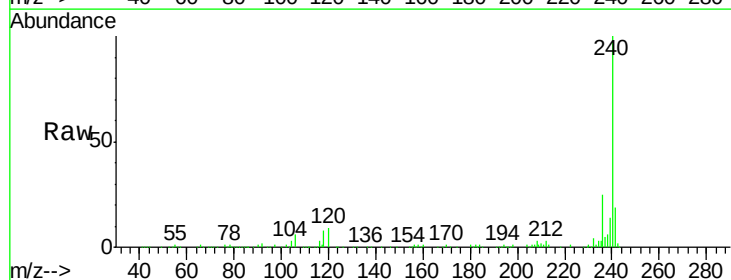


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

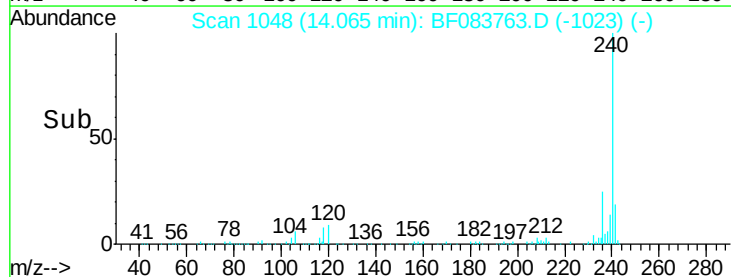
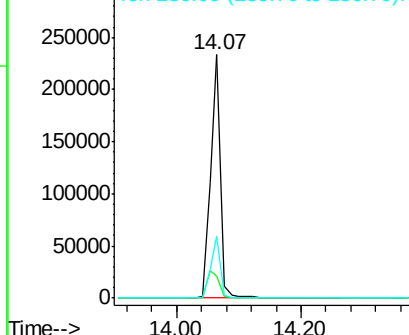


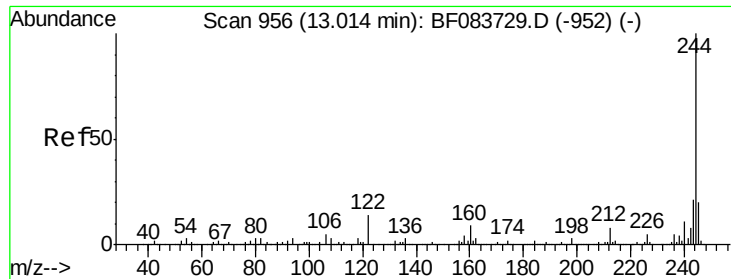
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083763.D
Acq: 14 Dec 2015 7:25

Tgt Ion:240 Resp: 253340
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 25.3 20.8 31.2



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

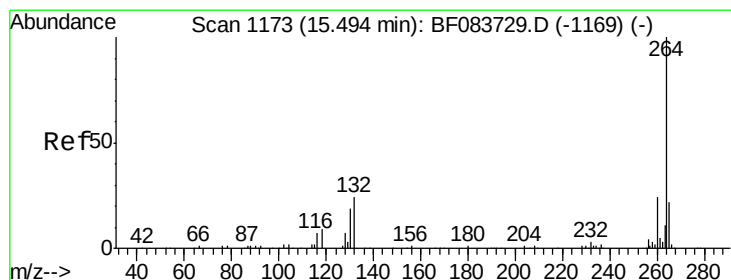
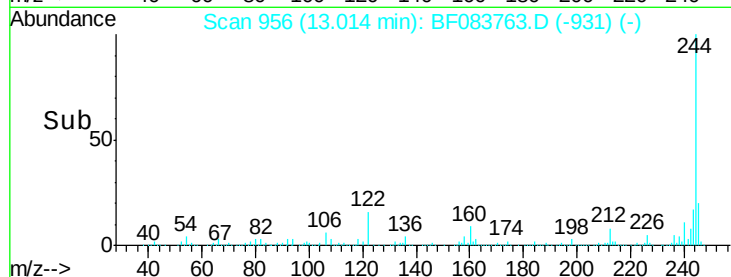
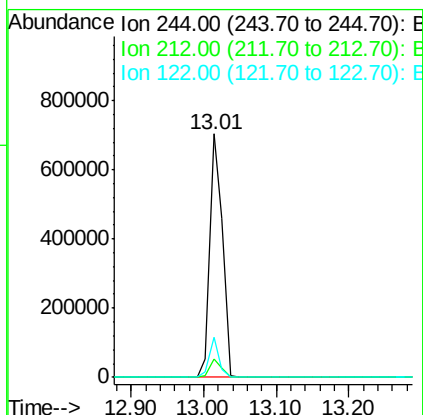
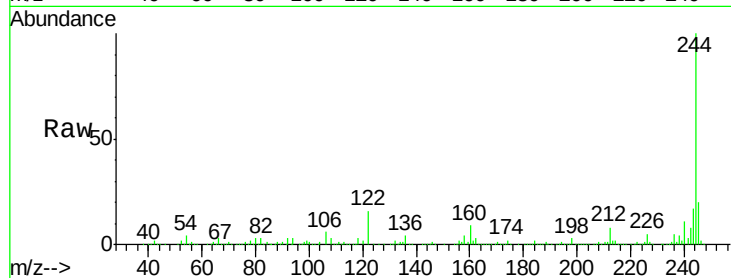




#78
 Terphenyl-d14
 Concen: 71.73 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083763.D
 Acq: 14 Dec 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 844818
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 16.2 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083763.D
 Acq: 14 Dec 2015 7:25

Tgt Ion:264 Resp: 206316
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.2 17.8 26.6

