

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083769.D
 Acq On : 14 Dec 2015 10:13
 Operator : UM/IZ
 Sample : G4648-19
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 11:23:53 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

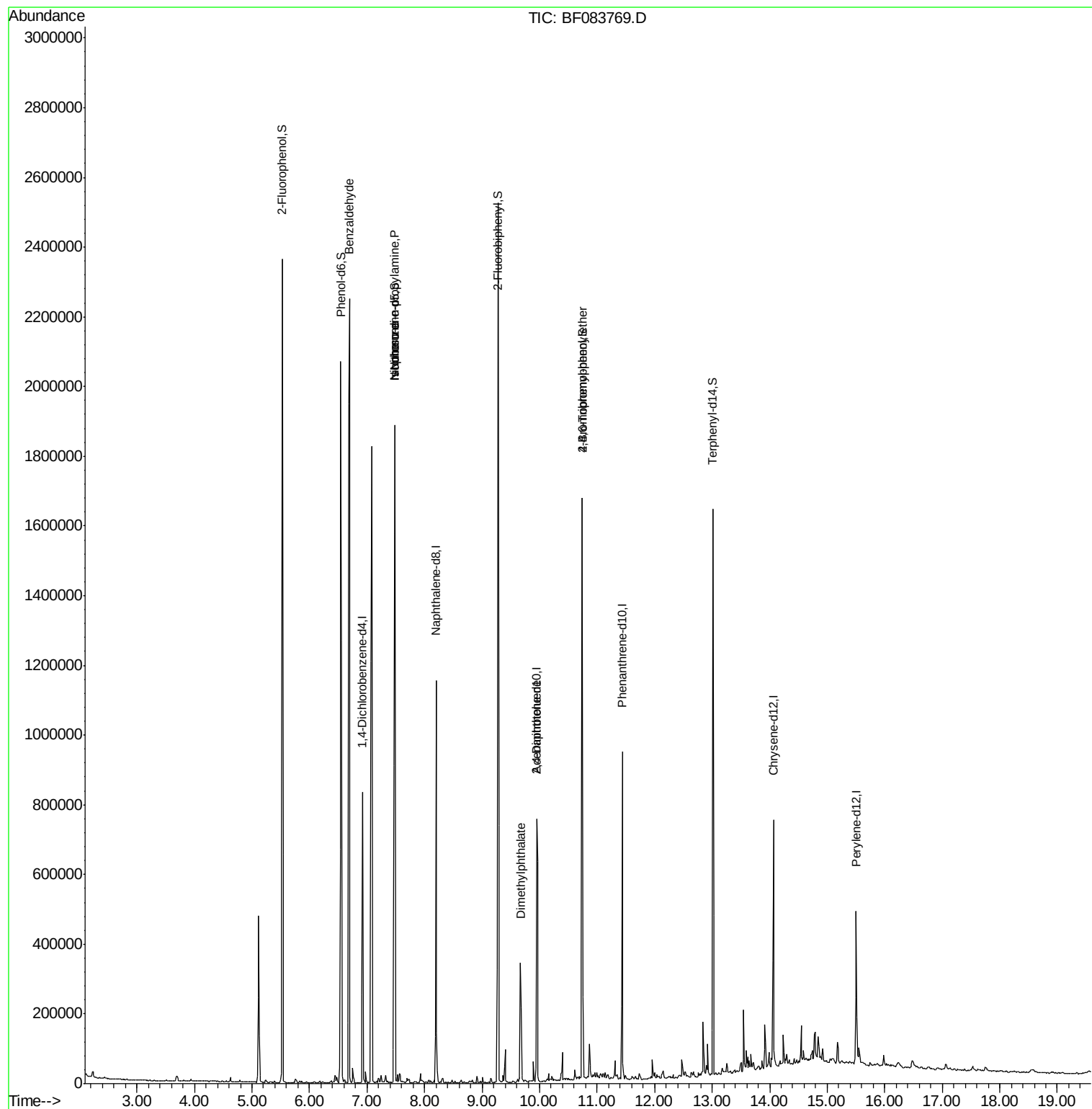
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	130326	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	483849	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	208173	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	321346	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	255146	20.00	ng	-0.01
86) Perylene-d12	15.51	264	198549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	764083	94.58	ng	0.00
7) Phenol-d6	6.54	99	1066325	104.23	ng	0.00
23) Nitrobenzene-d5	7.48	82	690703	79.87	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	185077	87.25	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	841595	53.29	ng	-0.01
78) Terphenyl-d14	13.01	244	498976	42.07	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	20405	3.71	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	7.48	70	94974	15.16	ng	# 70
25) Isophorone	7.48	82	672000	39.60	ng	# 69
49) Dimethylphthalate	9.66	163	180910	11.15	ng	99
56) 2,4-Dinitrotoluene	9.95	165	26190	5.82	ng	# 13
66) 4-Bromophenyl-phenylether	10.74	248	13299	3.70	ng	# 1

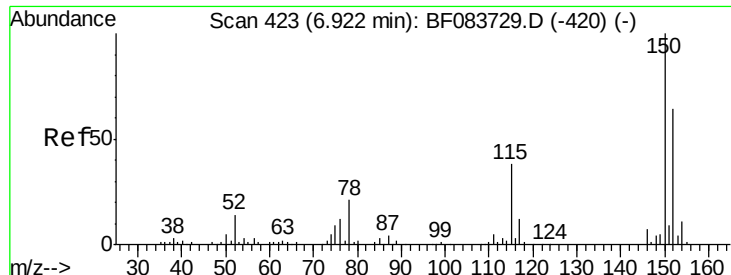
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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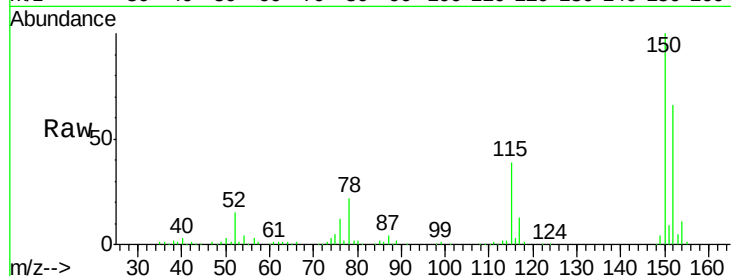


#1

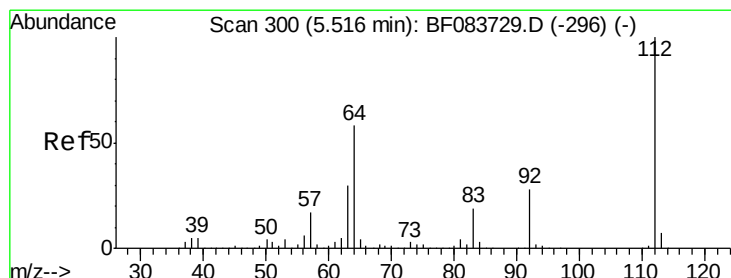
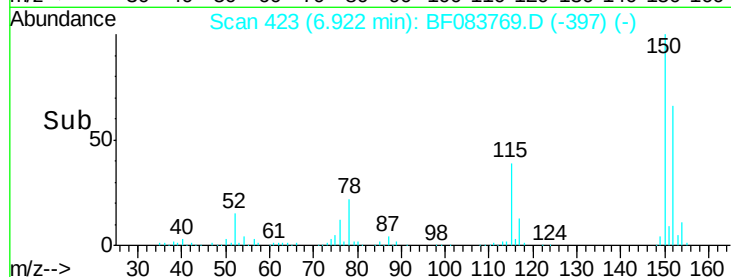
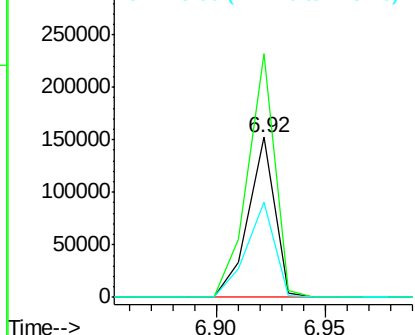
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083769.D
Acq: 14 Dec 2015 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130326
Ion Ratio Lower Upper
152 100
150 152.0 126.5 189.7
115 59.1 52.3 78.5



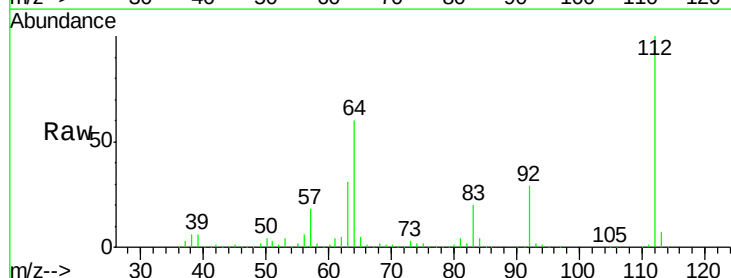
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



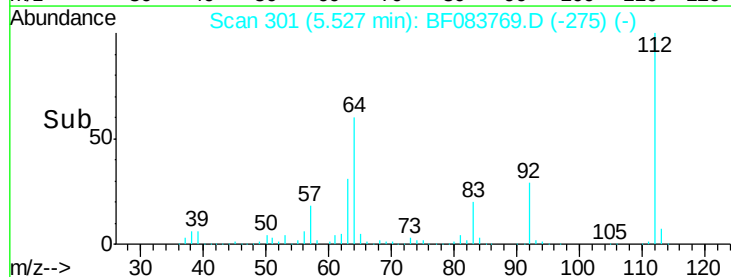
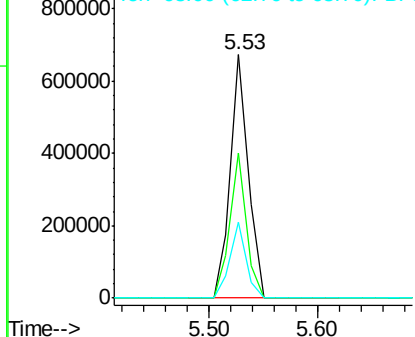
#5

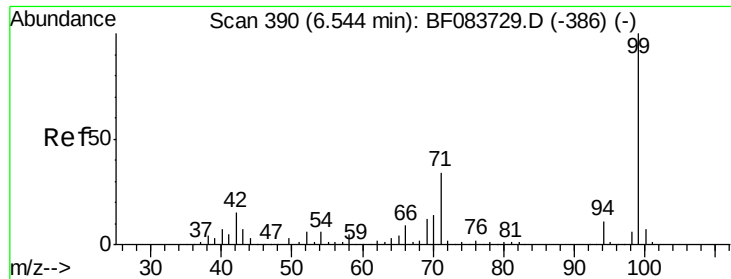
2-Fluorophenol
Concen: 94.58 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083769.D
Acq: 14 Dec 2015 10:13

Tgt Ion:112 Resp: 764083
Ion Ratio Lower Upper
112 100
64 59.8 50.5 75.7
63 31.0 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: 104.23 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083769.D

Acq: 14 Dec 2015 10:13

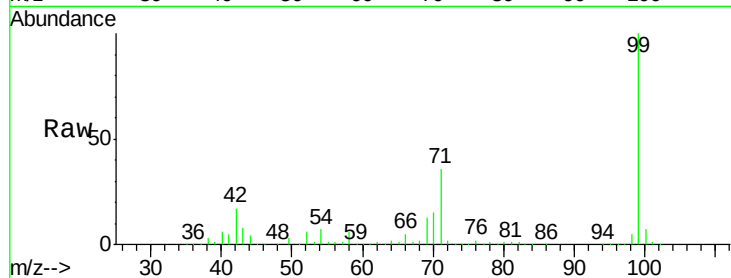
Instrument :

BNA_F

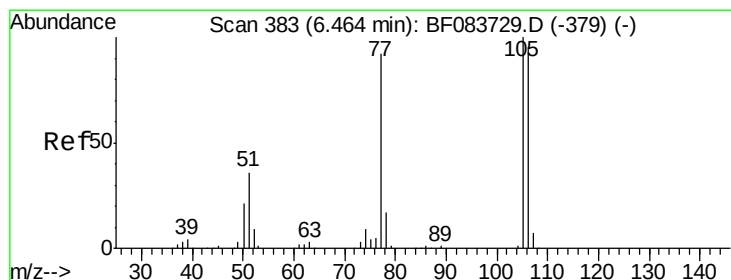
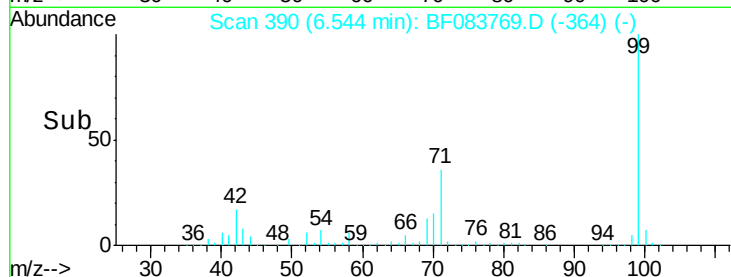
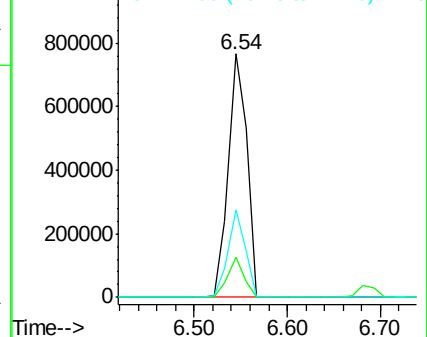
ClientSampled :

Tot Ion: 99 Resp: 1066325

Ion	Ratio	Lower	Upper
99	100		
42	16.7	17.3	25.9#
71	35.9	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: 3.71 ng

RT: 6.69 min Scan# 403

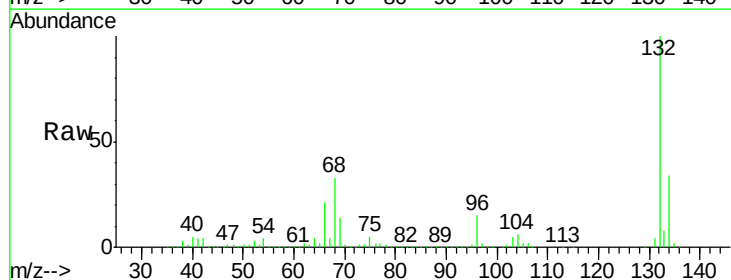
Delta R.T. 0.23 min

Lab File: BF083769.D

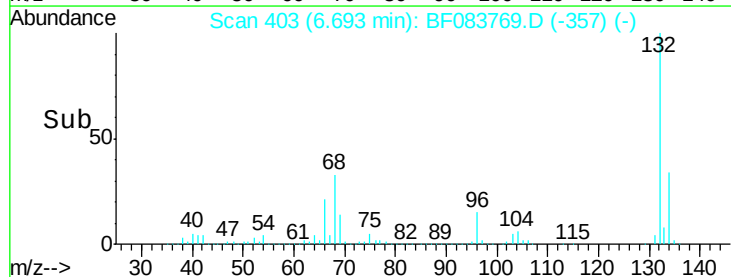
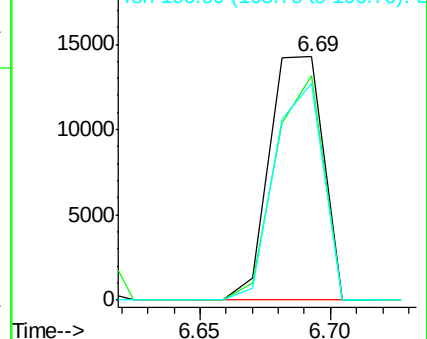
Acq: 14 Dec 2015 10:13

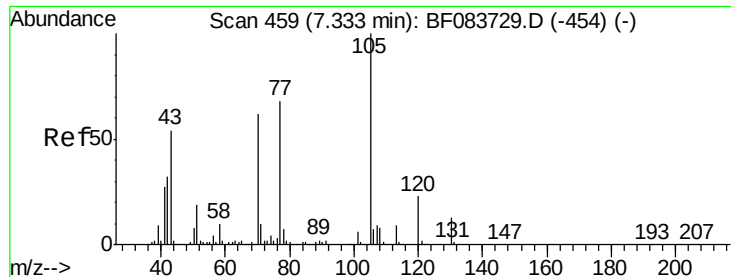
Tgt Ion: 77 Resp: 20405

Ion	Ratio	Lower	Upper
77	100		
105	92.4	71.8	111.8
106	88.9	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

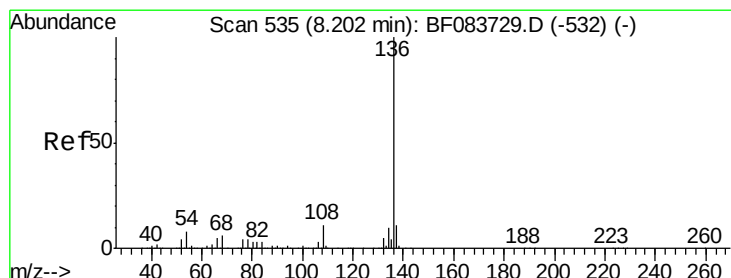
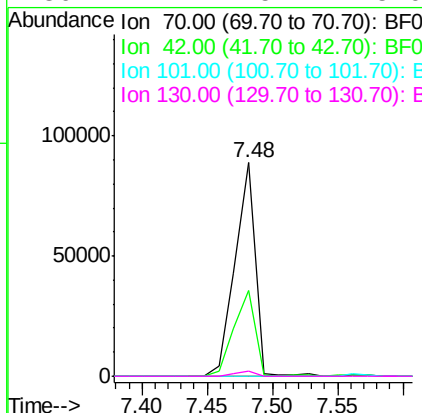
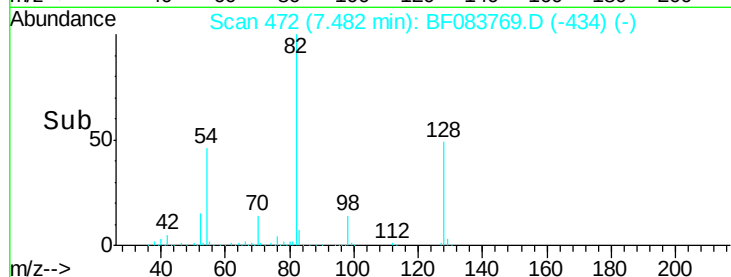
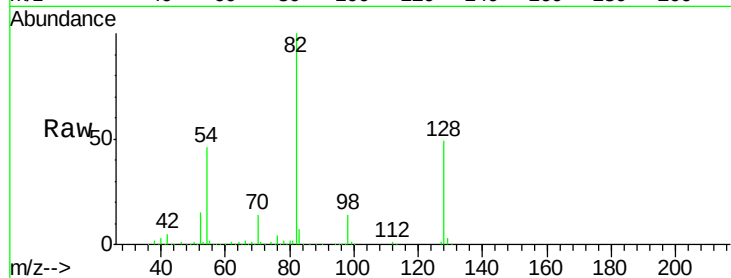




#19
n-Nitroso-di-n-propylamine
Concen: 15.16 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083769.D
Acq: 14 Dec 2015 10:13

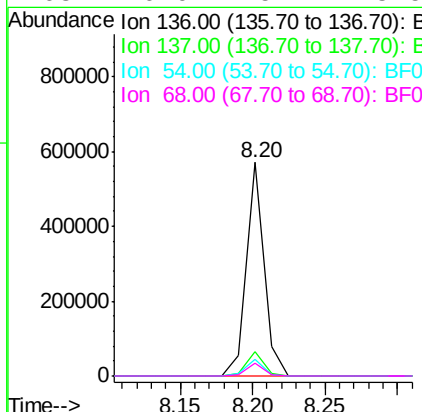
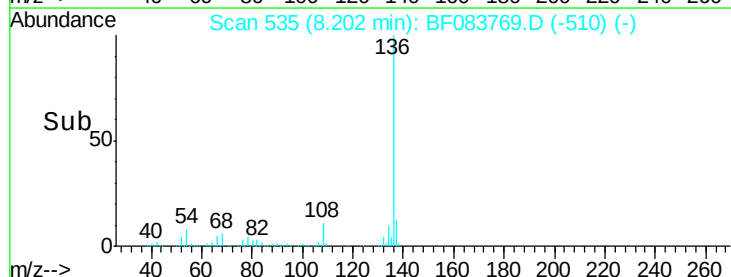
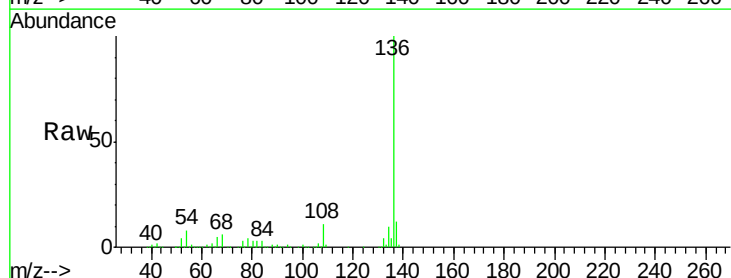
Instrument :
BNA_F
ClientSampleId :

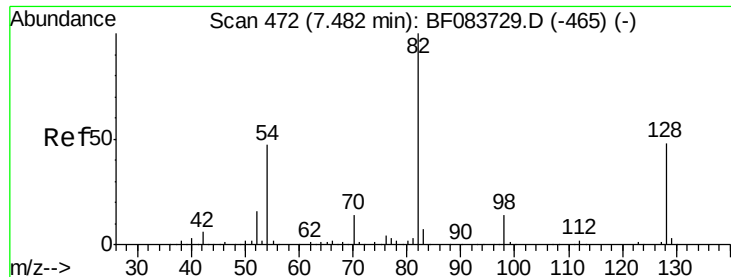
Tot Ion: 70 Resp: 94974
Ion Ratio Lower Upper
70 100
42 39.9 49.2 73.8#
101 0.0 7.1 10.7#
130 2.2 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083769.D
Acq: 14 Dec 2015 10:13

Tgt Ion:136 Resp: 483849
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 7.5 7.8 11.6#
68 6.0 5.7 8.5

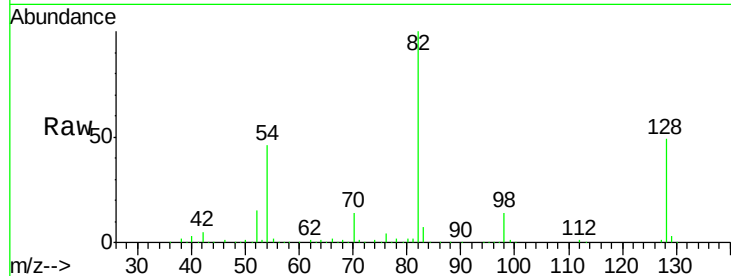




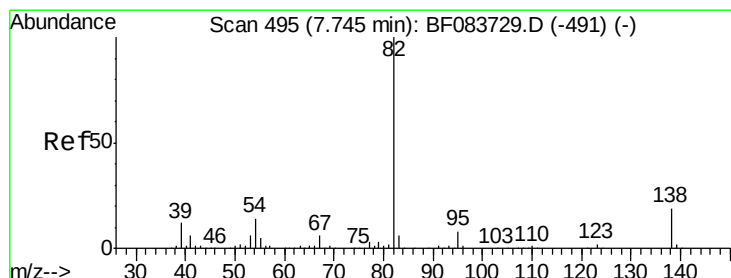
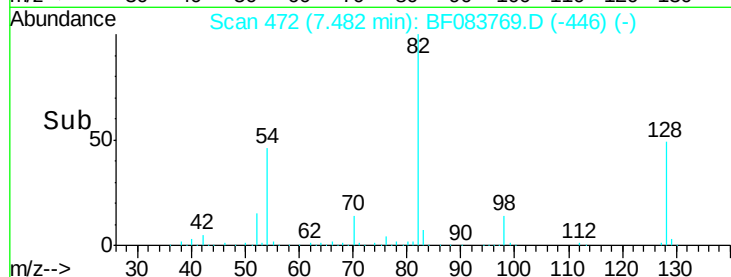
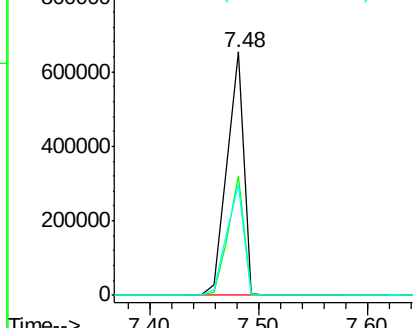
#23
 Nitrobenzene-d5
 Concen: 79.87 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083769.D
 Acq: 14 Dec 2015 10:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 690703
 Ion Ratio Lower Upper
 82 100
 128 49.3 30.7 46.1#
 54 45.6 42.5 63.7

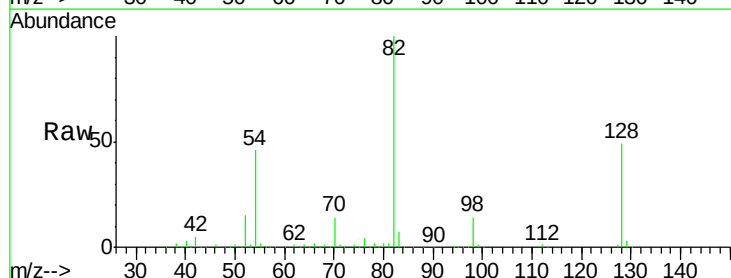


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

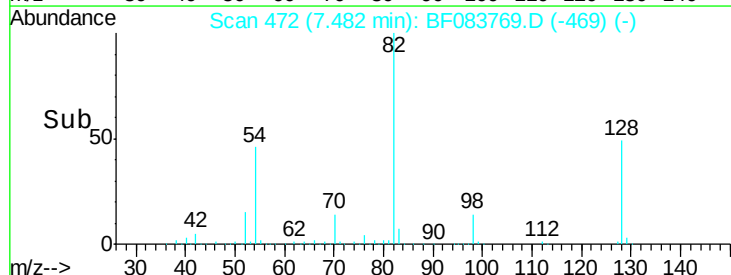
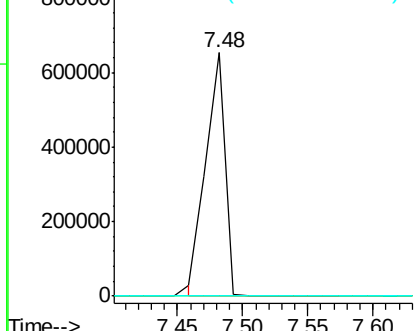


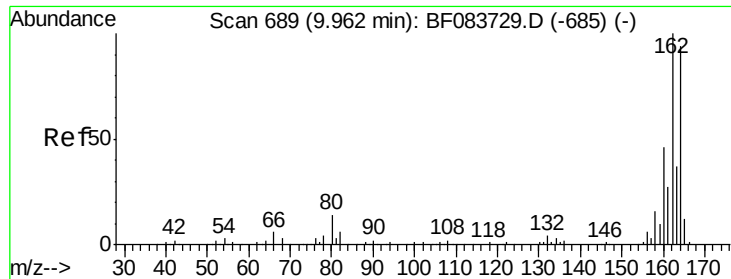
#25
 Isophorone
 Concen: 39.60 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083769.D
 Acq: 14 Dec 2015 10:13

Tgt Ion: 82 Resp: 672000
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.0 7.4#
 138 0.0 12.1 18.1#



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

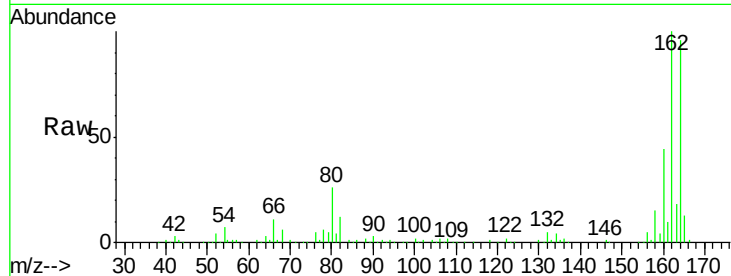




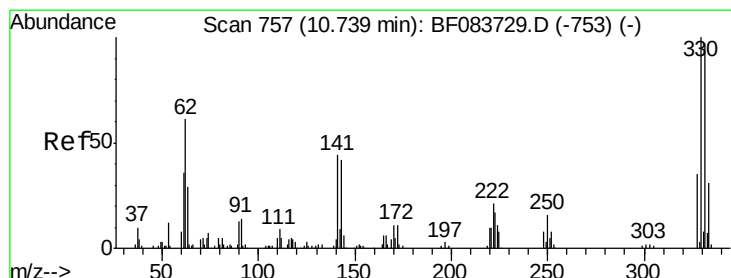
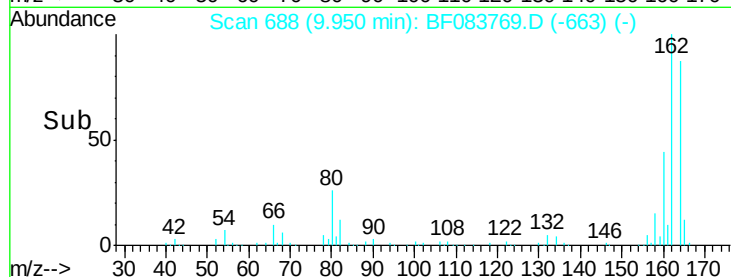
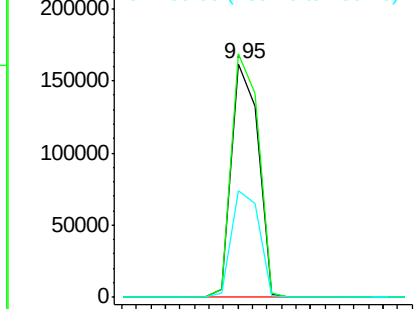
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083769.D
 Acq: 14 Dec 2015 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 208173
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 45.8 33.4 50.2

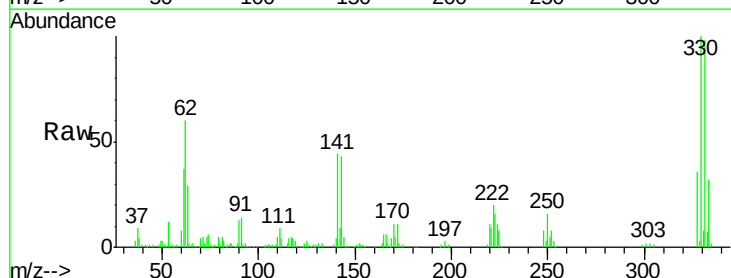


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

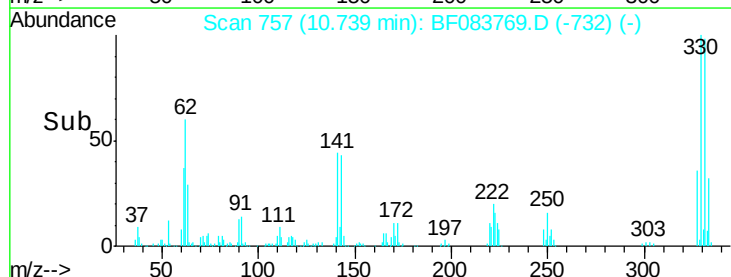
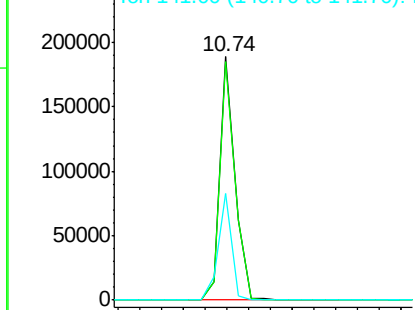


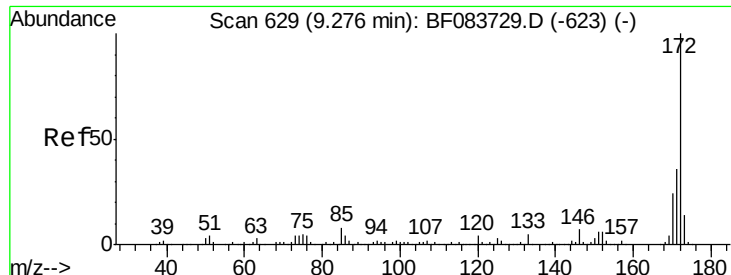
#41
 2,4,6-Tribromophenol
 Concen: 87.25 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083769.D
 Acq: 14 Dec 2015 10:13

Tgt Ion:330 Resp: 185077
 Ion Ratio Lower Upper
 330 100
 332 98.6 0.0 0.0#
 141 39.2 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

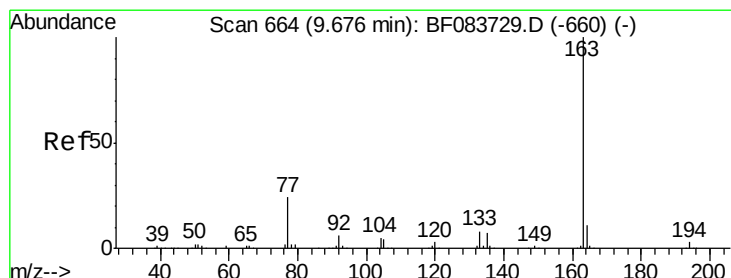
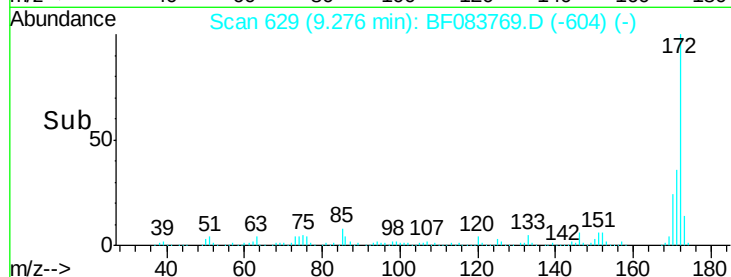
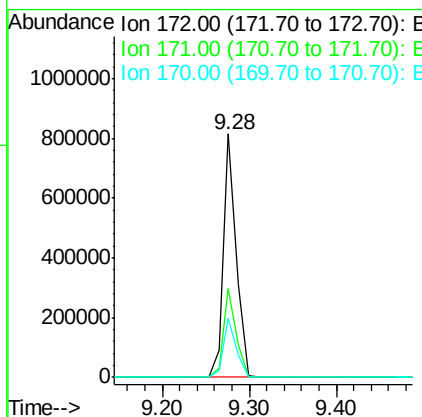
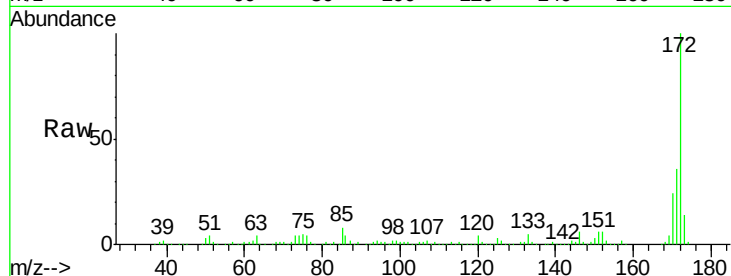




#44
2-Fluorobiphenyl
Concen: 53.29 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083769.D
Acq: 14 Dec 2015 10:13

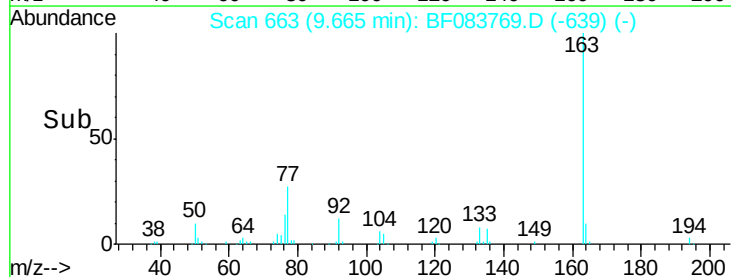
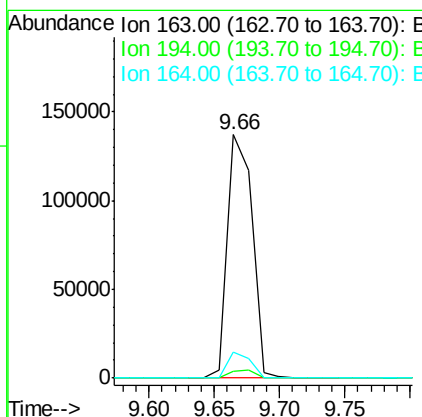
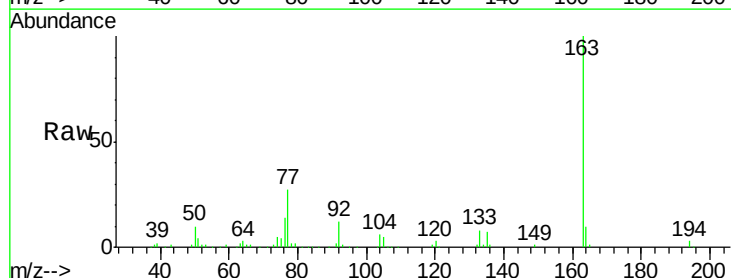
Instrument :
BNA_F
ClientSampled :

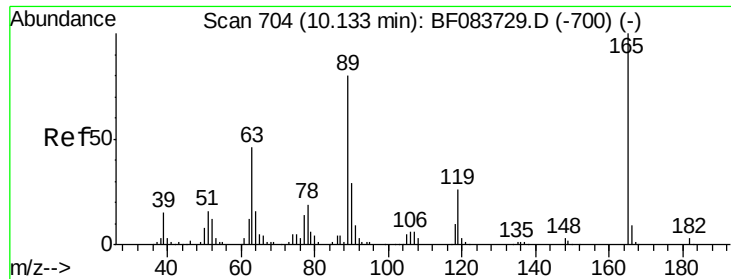
Tot Ion:172 Resp: 841595
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 24.3 19.4 29.0



#49
Dimethylphthalate
Concen: 11.15 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083769.D
Acq: 14 Dec 2015 10:13

Tgt Ion:163 Resp: 180910
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 10.5 8.6 13.0

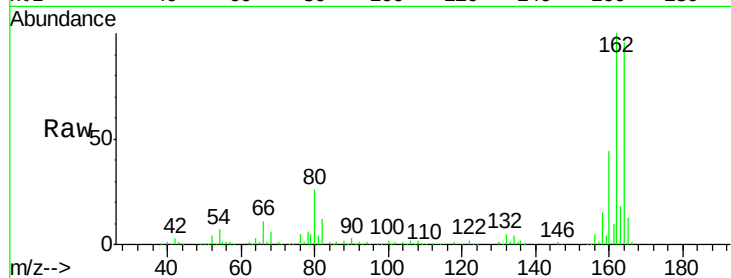




#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.19 min
 Lab File: BF083769.D
 Acq: 14 Dec 2015 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.4	77.2#
89	1.6	72.6	108.8#
182	0.0	1.4	2.0#

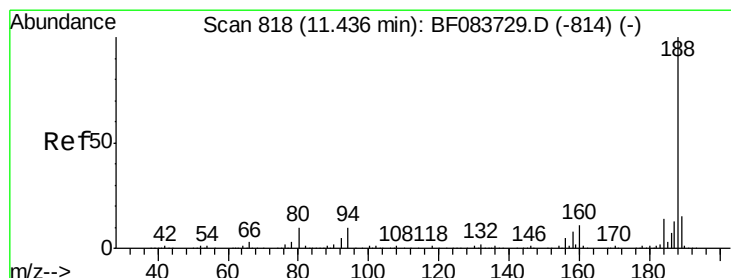
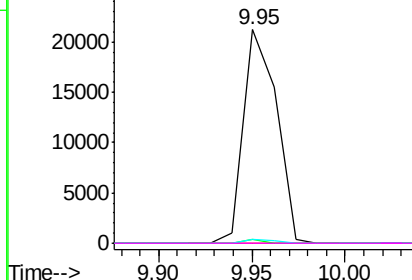
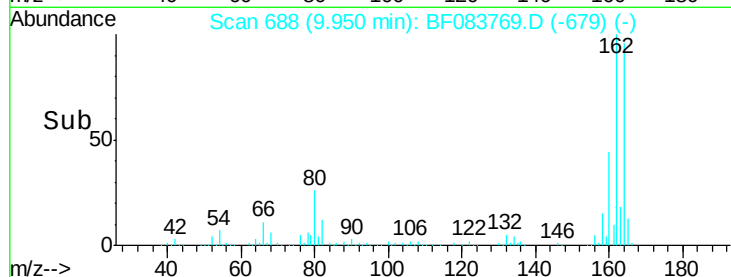


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

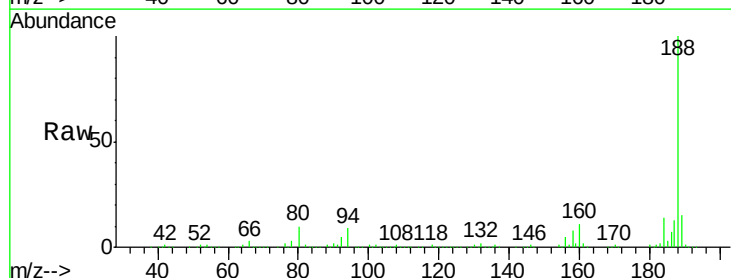
Ion 89.00 (88.70 to 89.70): BF0

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: BF083769.D
 Acq: 14 Dec 2015 10:13

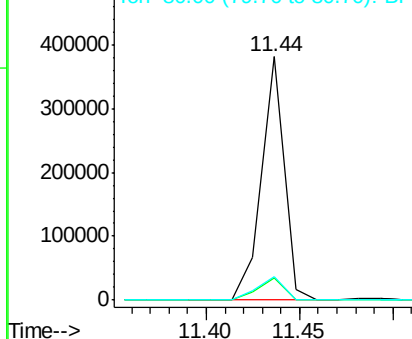
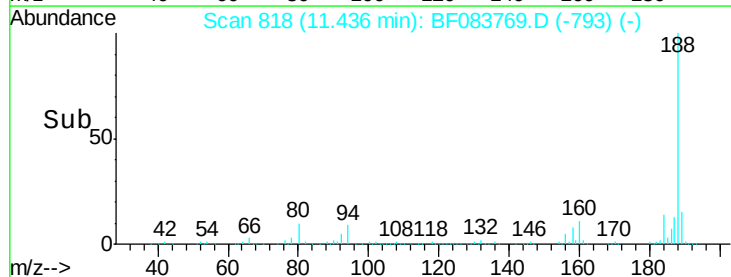
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.4	14.2#
80	9.9	10.6	16.0#

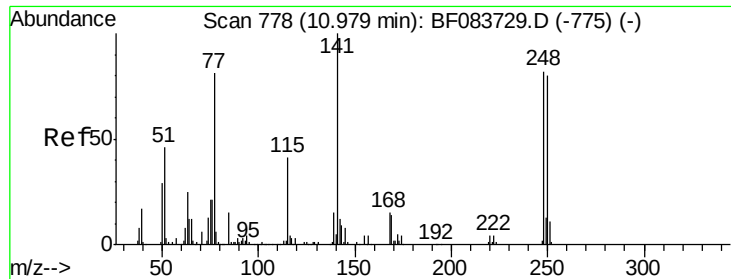


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

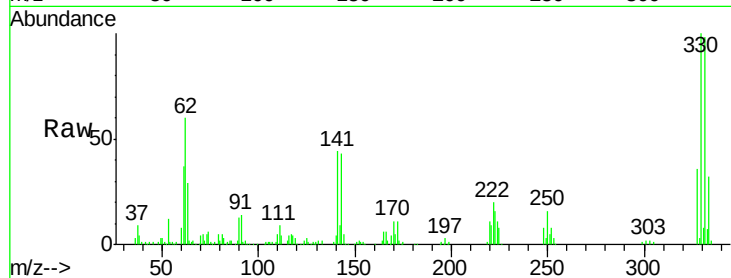




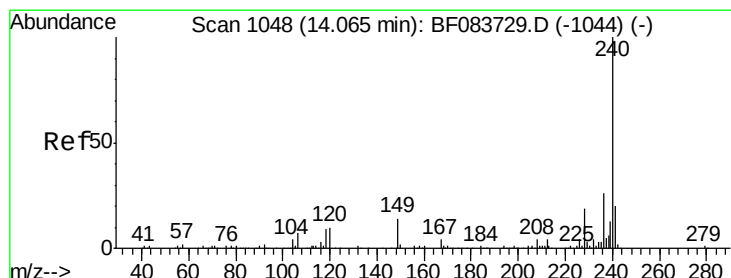
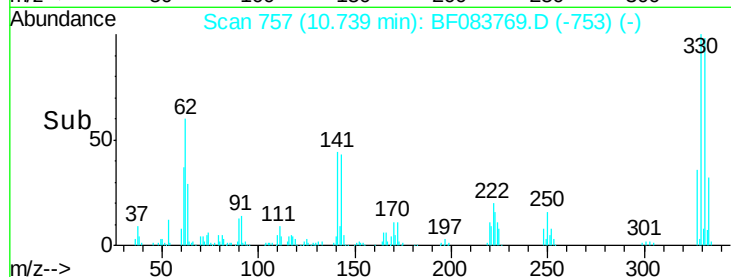
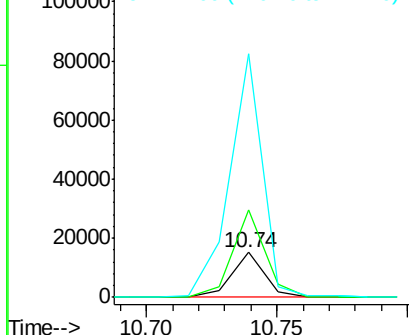
#66
 4-Bromophenyl-phenylether
 Concen: 3.70 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF083769.D
 Acq: 14 Dec 2015 10:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13299
 Ion Ratio Lower Upper
 248 100
 250 193.6 79.2 118.8#
 141 539.2 58.2 87.4#

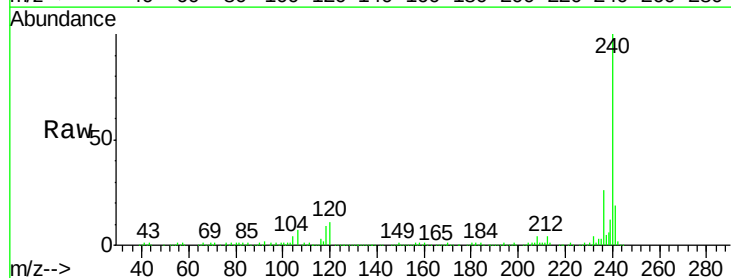


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

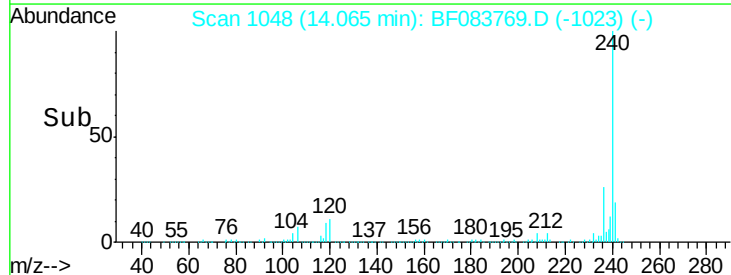
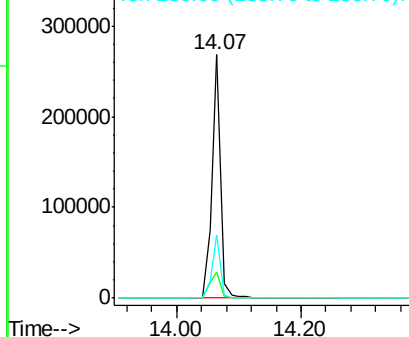


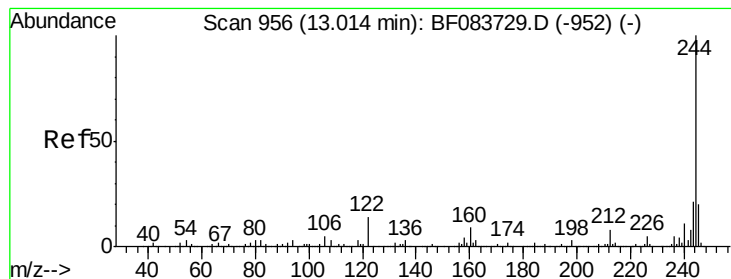
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF083769.D
 Acq: 14 Dec 2015 10:13

Tgt Ion:240 Resp: 255146
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.1 12.1
 236 25.7 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: 42.07 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083769.D

Acq: 14 Dec 2015 10:13

Instrument :

BNA_F

ClientSampleId :

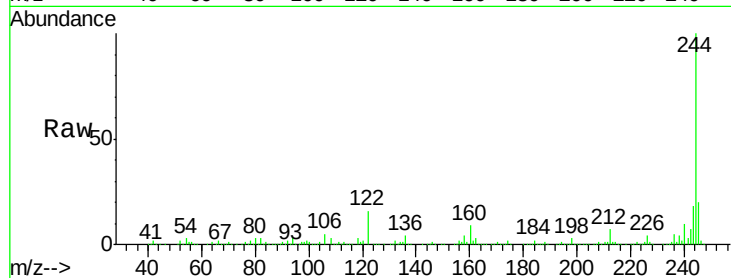
Tot Ion:244 Resp: 498976

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

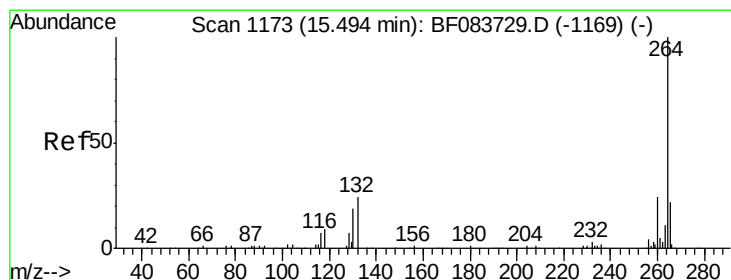
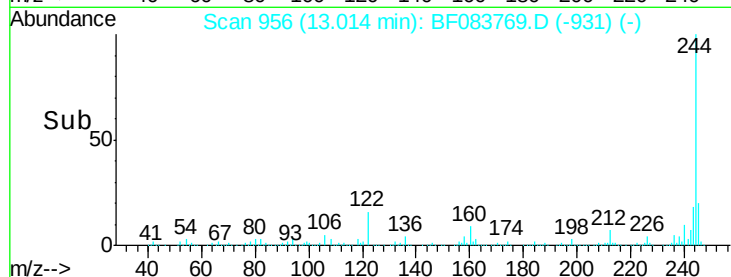
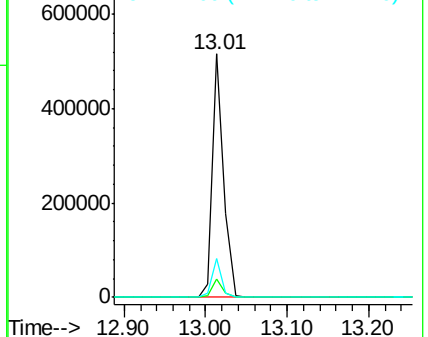
122 15.8 11.0 16.6



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

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF083769.D

Acq: 14 Dec 2015 10:13

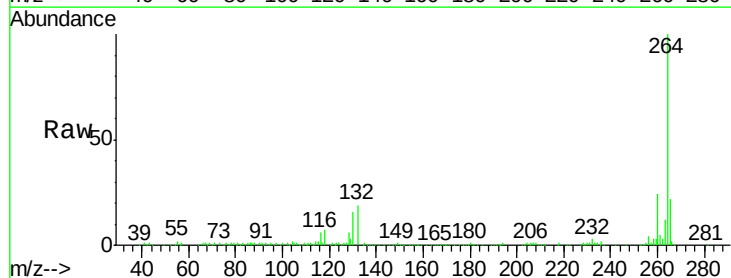
Tgt Ion:264 Resp: 198549

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

