

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083712.D
 Acq On : 11 Dec 2015 23:19
 Operator : UM/IZ
 Sample : PB87230BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BL

Quant Time: Dec 12 02:35:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

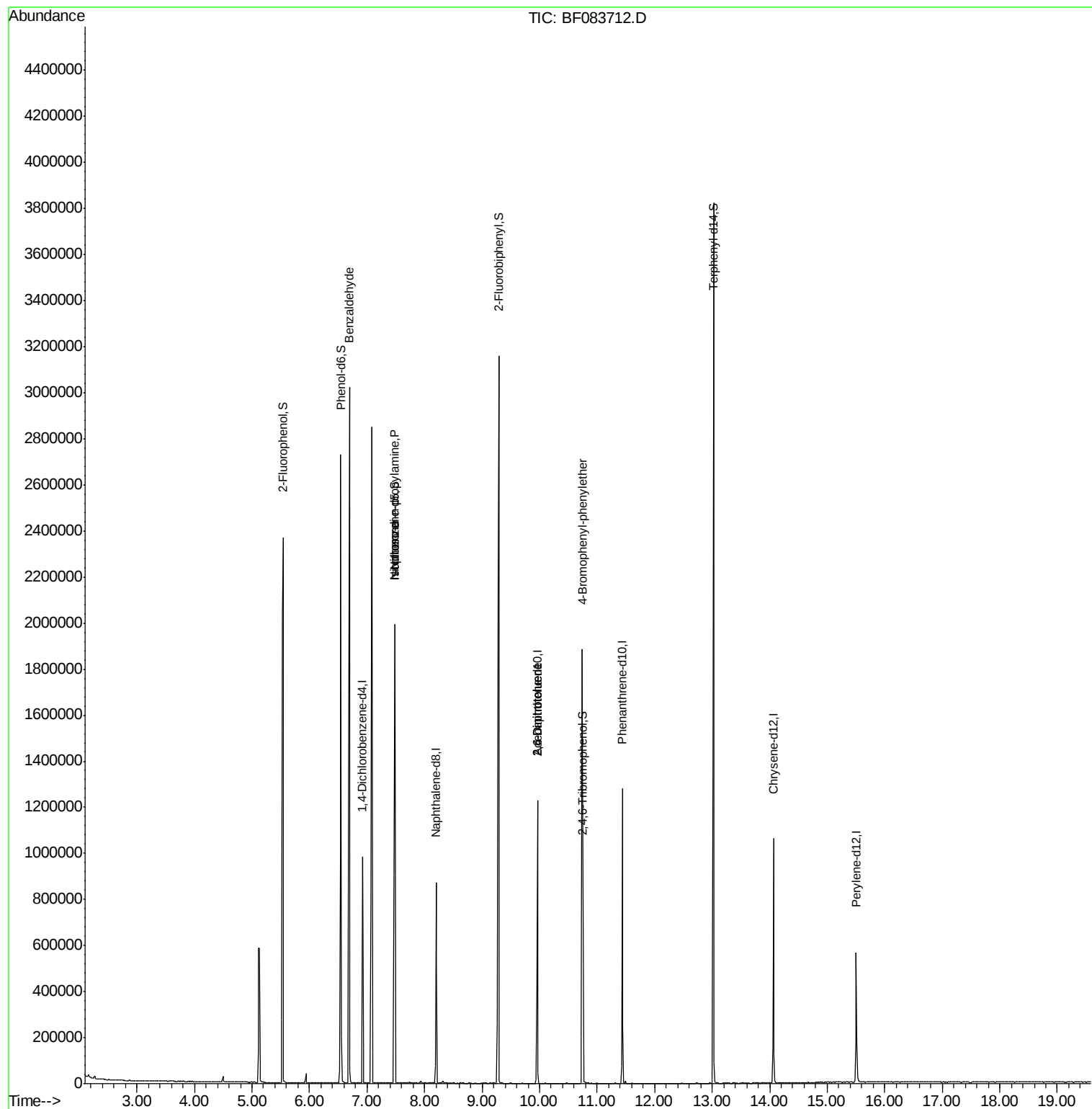
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137289	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	504251	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	251561	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	434366	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	338808	20.00	ng	-0.01
86) Perylene-d12	15.51	264	238921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	961847	107.90	ng	0.01
7) Phenol-d6	6.54	99	1018714	92.53	ng	0.00
23) Nitrobenzene-d5	7.48	82	700199	94.17	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	280854	115.34	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1319132	77.24	ng	0.00
78) Terphenyl-d14	13.03	244	1203550	79.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	21799	3.59	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.48	70	94690	14.76	ng	# 71
25) Isophorone	7.48	82	692557	41.67	ng	# 69
50) 2,6-Dinitrotoluene	9.96	165	32122	8.55	ng	# 18
56) 2,4-Dinitrotoluene	9.96	165	32124	6.72	ng	# 13
64) 4,6-Dinitro-2-methylphenol	10.74	198	611	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.74	248	18006	3.88	ng	# 1

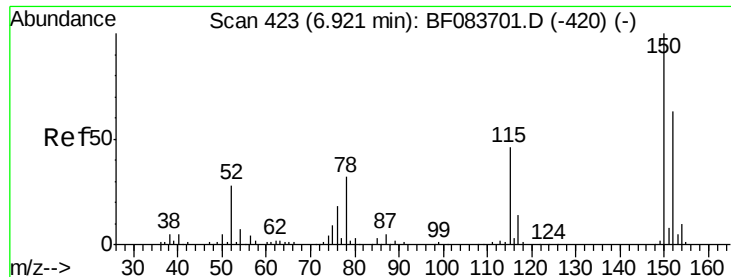
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083712.D

Acq: 11 Dec 2015 23:19

Instrument :

BNA_F

ClientSampleId :

PB87230BL

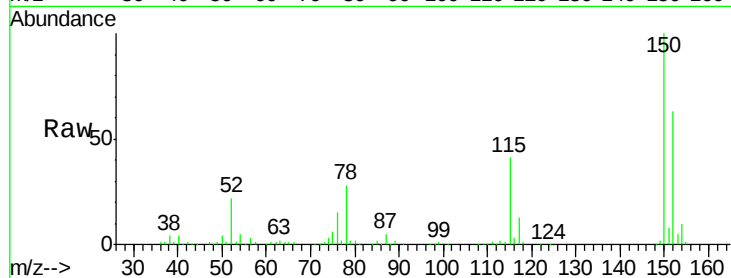
Tgt Ion:152 Resp: 137289

Ion Ratio Lower Upper

152 100

150 158.2 126.5 189.7

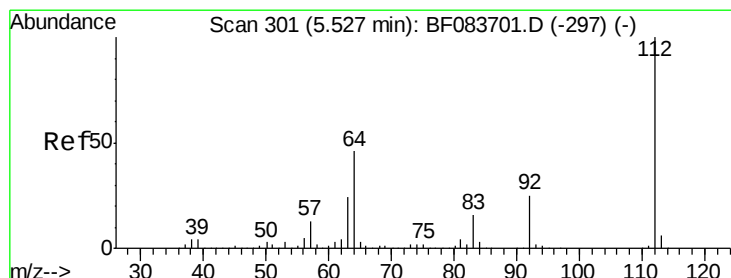
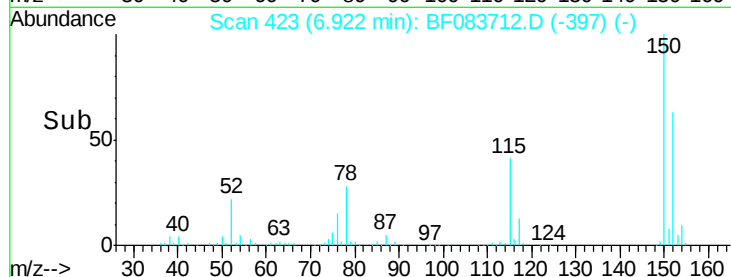
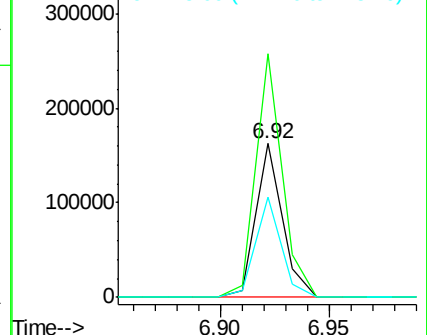
115 65.2 52.3 78.5



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: 107.90 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

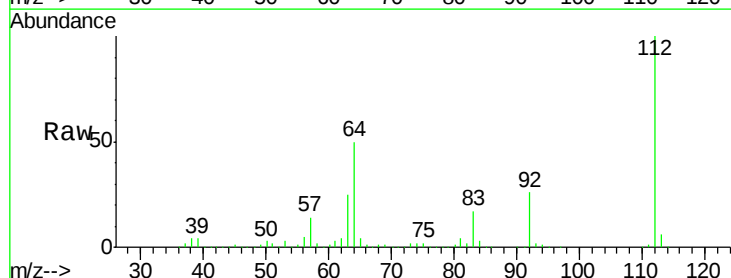
Tgt Ion:112 Resp: 961847

Ion Ratio Lower Upper

112 100

64 49.6 50.5 75.7#

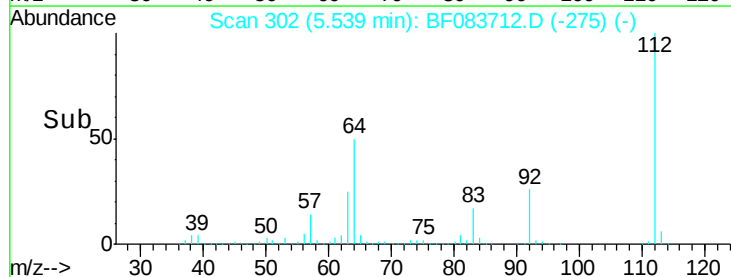
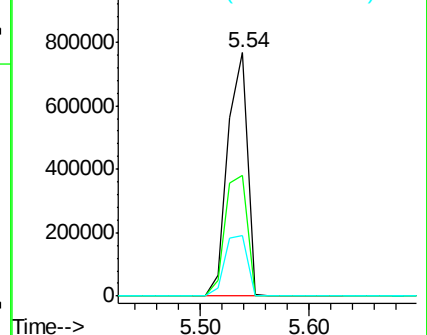
63 25.1 25.8 38.6#

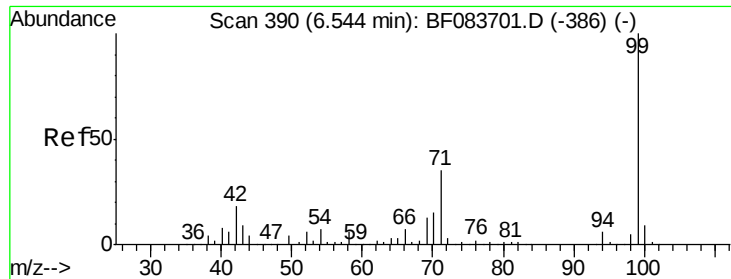


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.53 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

Instrument :

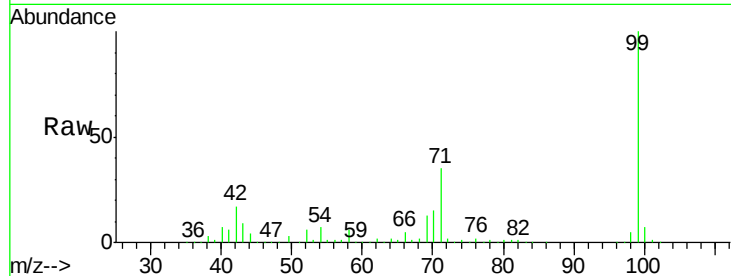
BNA_F

ClientSampleId :

PB87230BL

Tgt Ion: 99 Resp: 1018714

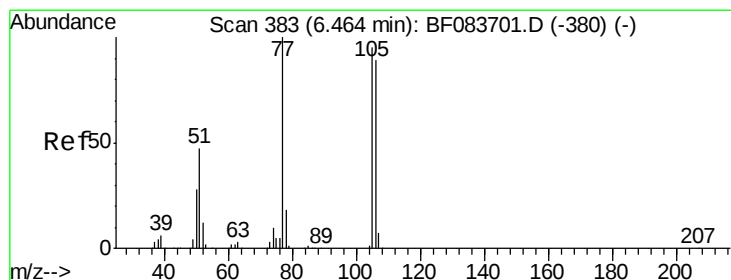
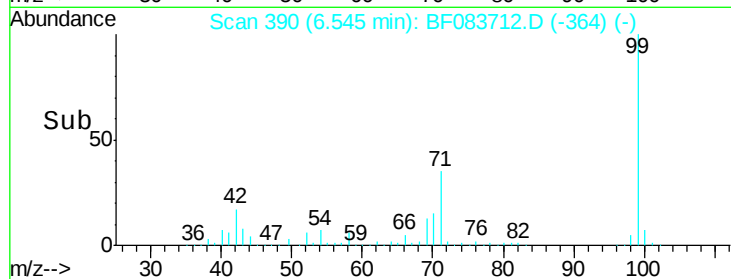
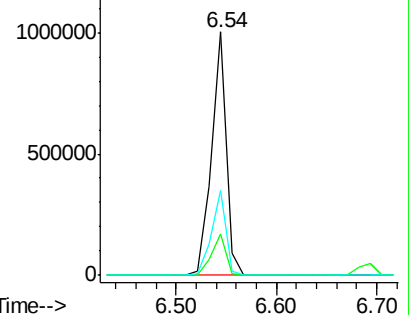
Ion	Ratio	Lower	Upper
99	100		
42	17.0	17.3	25.9#
71	35.0	26.6	40.0



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: 3.59 ng

RT: 6.69 min Scan# 403

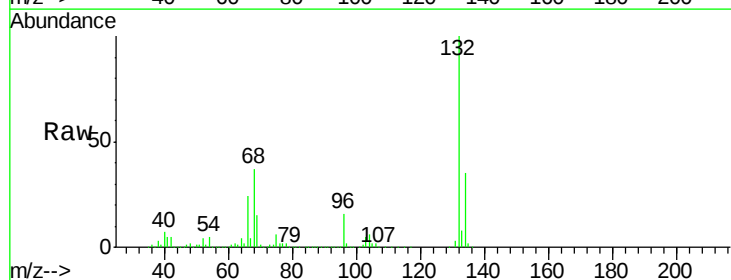
Delta R.T. 0.23 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

Tgt Ion: 77 Resp: 21799

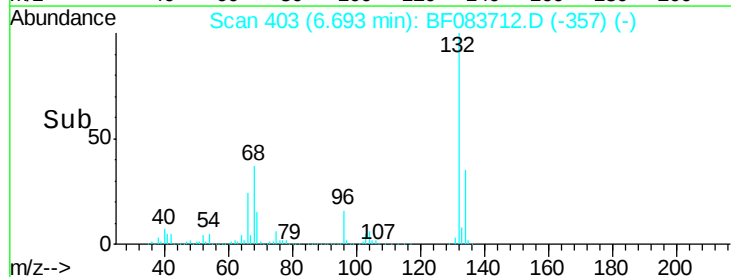
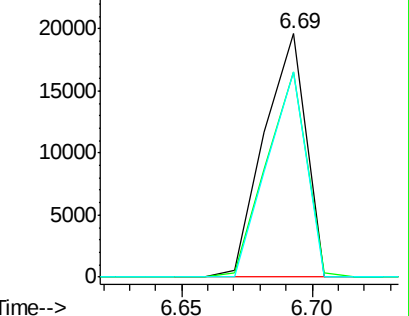
Ion	Ratio	Lower	Upper
77	100		
105	84.5	71.8	111.8
106	84.1	66.8	106.8

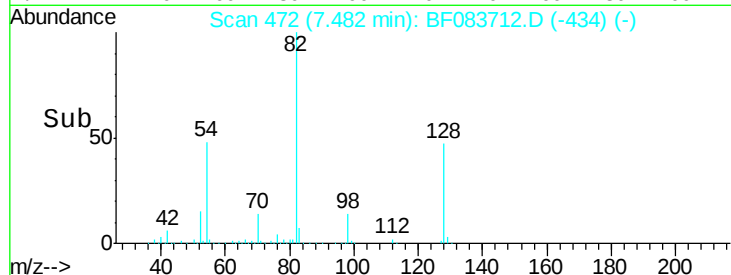
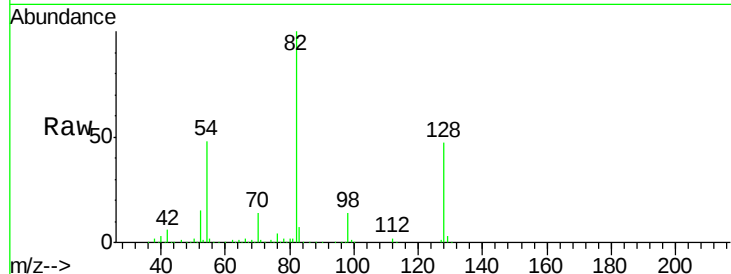
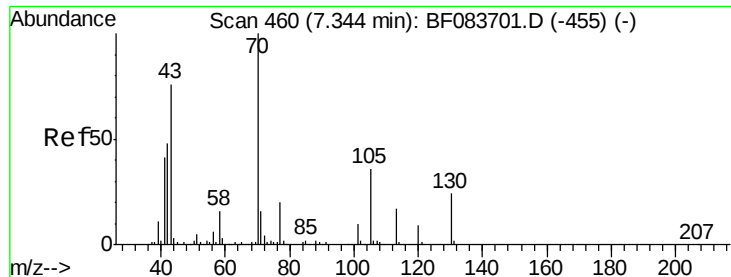


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

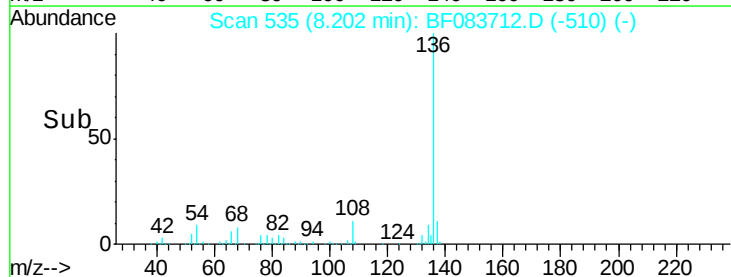
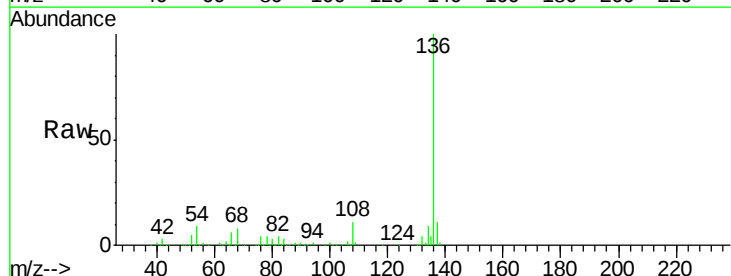
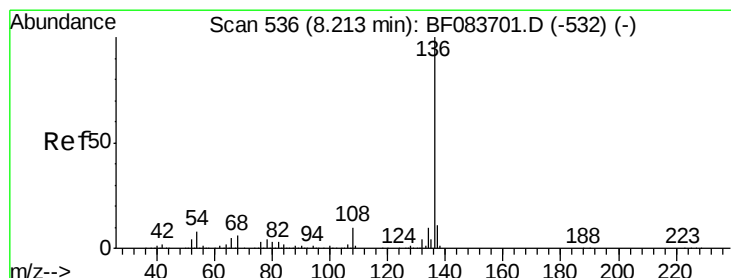
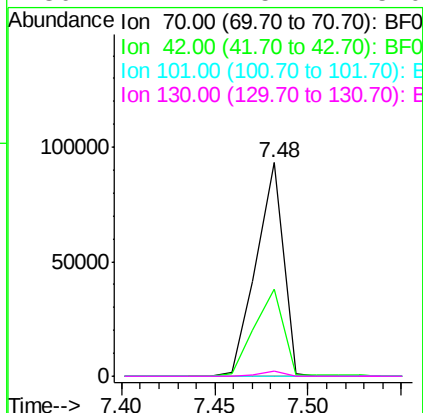




#19
n-Nitroso-di-n-propylamine
Concen: 14.76 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083712.D
Acq: 11 Dec 2015 23:19

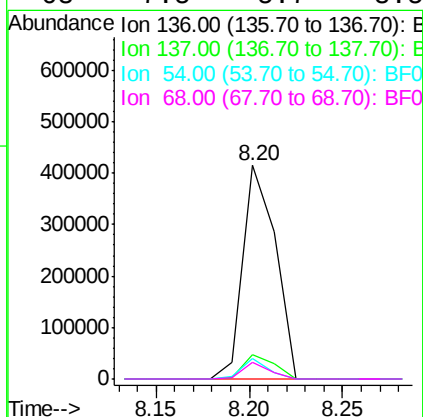
Instrument :
BNA_F
ClientSampleId :
PB87230BL

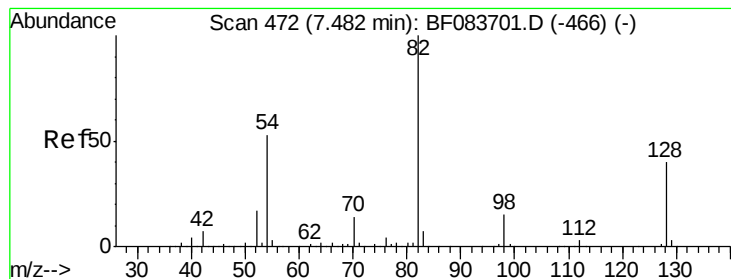
Tgt Ion: 70 Resp: 94690
Ion Ratio Lower Upper
70 100
42 40.7 49.2 73.8#
101 0.0 7.1 10.7#
130 2.1 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083712.D
Acq: 11 Dec 2015 23:19

Tgt Ion: 136 Resp: 504251
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 9.4 7.8 11.6
68 7.5 5.7 8.5





#23

Nitrobenzene-d5

Concen: 94.17 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

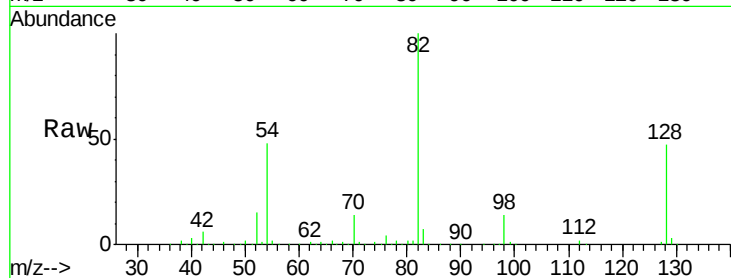
Instrument :

BNA_F

ClientSampleId :

PB87230BL

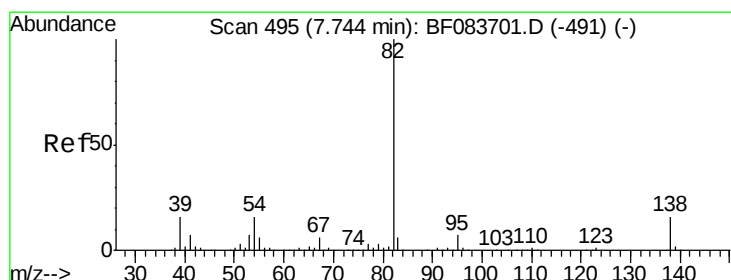
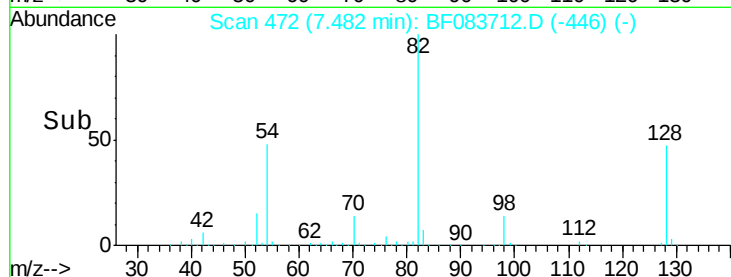
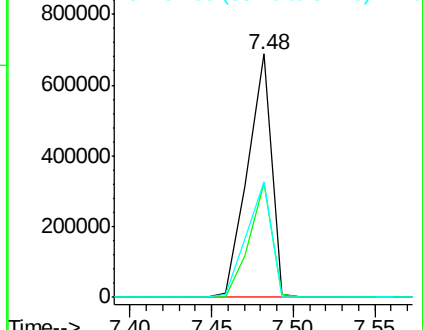
Tgt Ion:	82	Resp:	700199
Ion Ratio	Lower	Upper	
82	100		
128	47.2	30.7	46.1#
54	47.5	42.5	63.7



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: 41.67 ng

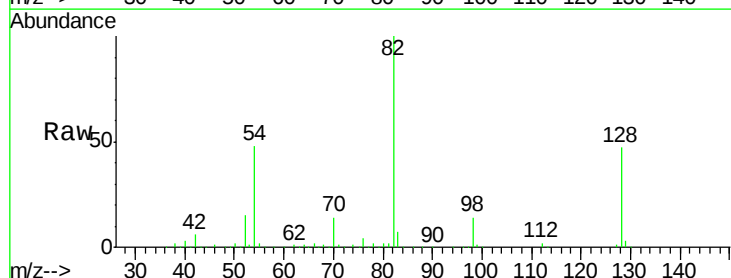
RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

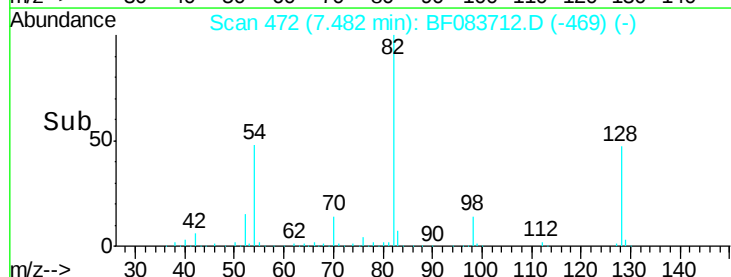
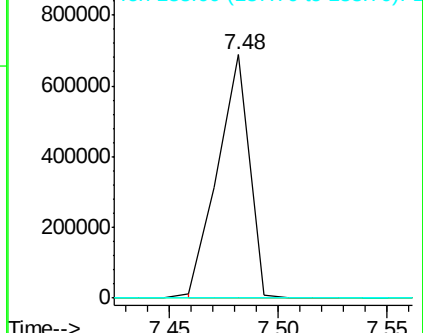
Tgt Ion:	82	Resp:	692557
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#

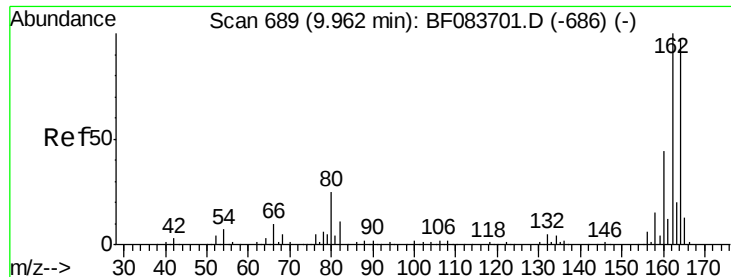


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

Instrument :

BNA_F

ClientSampleId :

PB87230BL

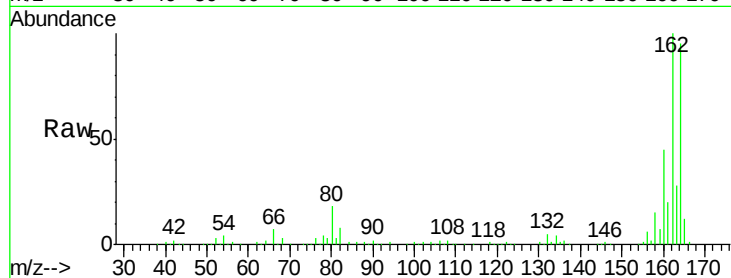
Tgt Ion:164 Resp: 251561

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

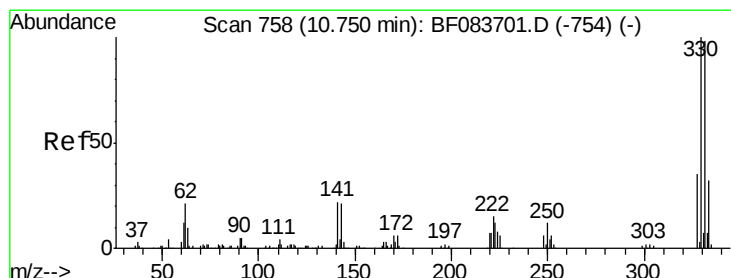
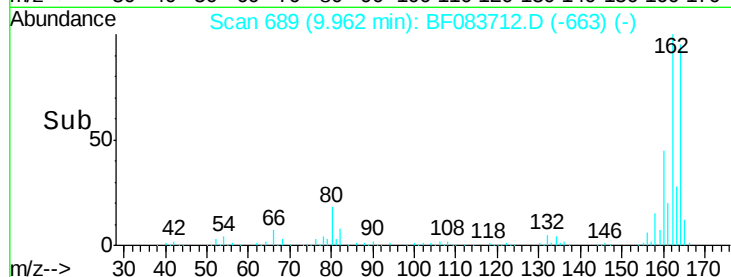
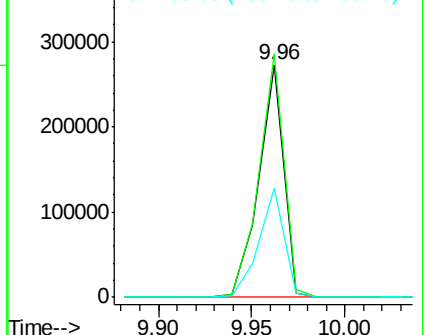
160 47.0 33.4 50.2



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: 115.34 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

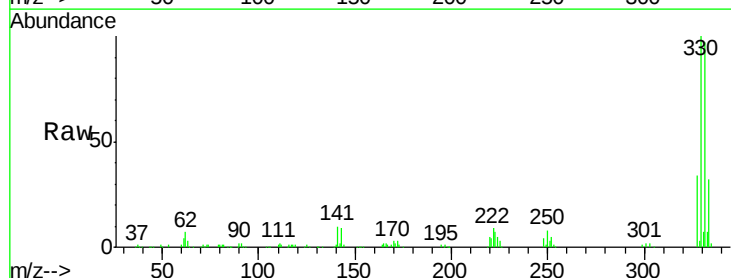
Tgt Ion:330 Resp: 280854

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

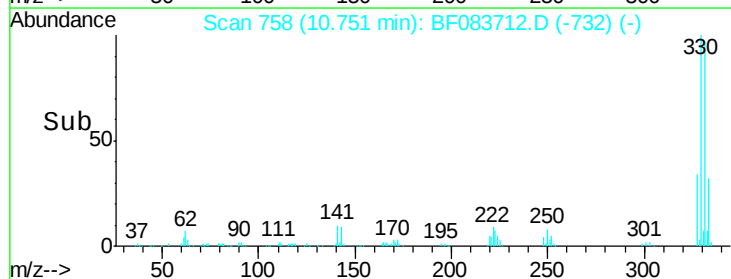
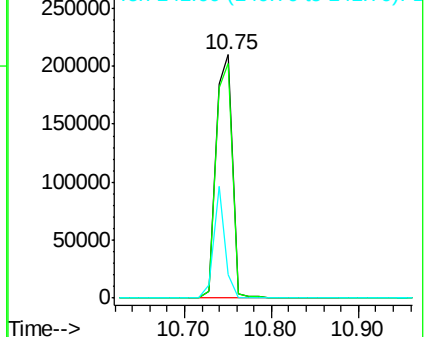
141 31.6 0.0 0.0#

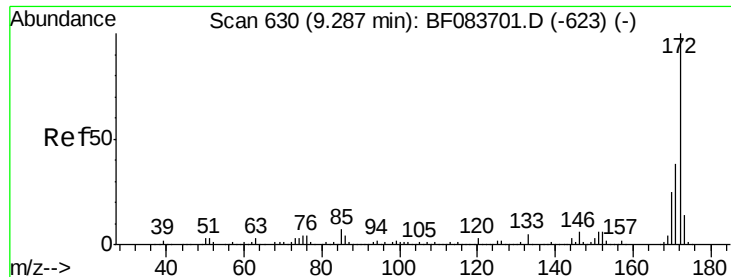


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

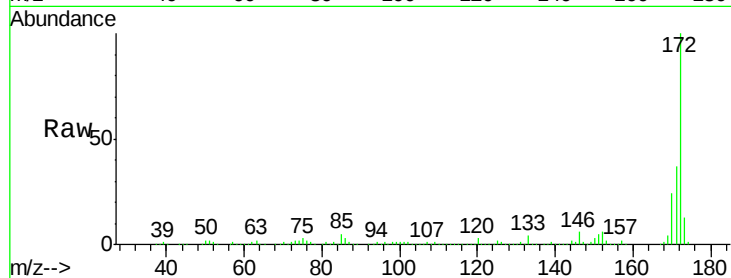




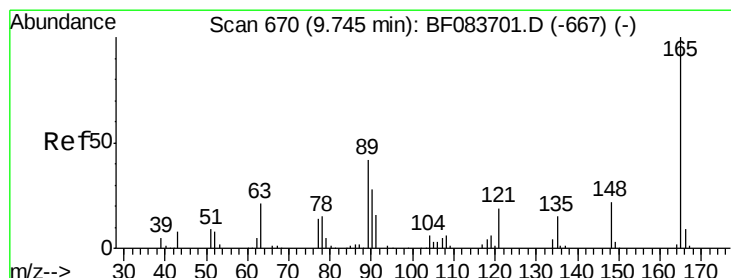
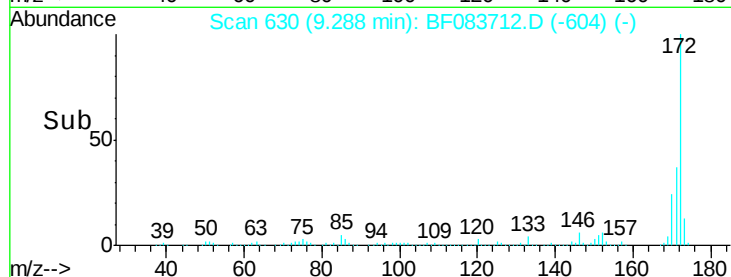
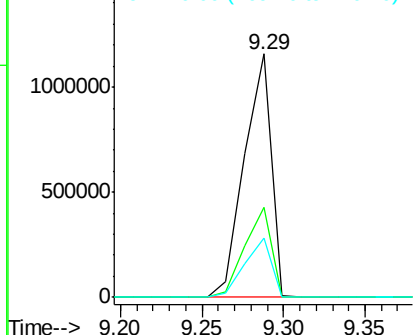
#44
 2-Fluorobiphenyl
 Concen: 77.24 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083712.D
 Acq: 11 Dec 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BL

Tgt Ion:172 Resp: 1319132
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 42.8
 170 24.4 19.4 29.0

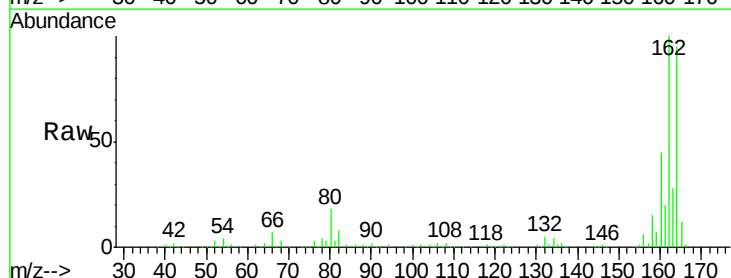


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

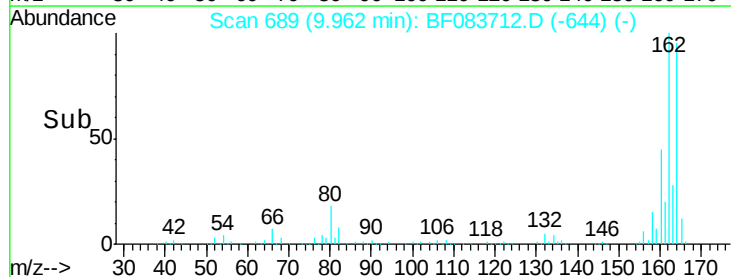
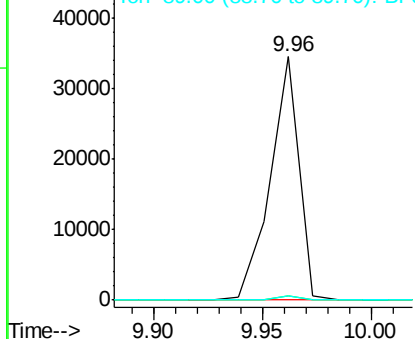


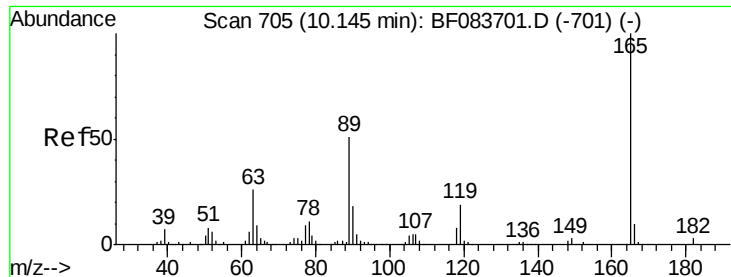
#50
 2,6-Dinitrotoluene
 Concen: 8.55 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.22 min
 Lab File: BF083712.D
 Acq: 11 Dec 2015 23:19

Tgt Ion:165 Resp: 32122
 Ion Ratio Lower Upper
 165 100
 63 1.6 56.9 85.3#
 89 1.8 52.1 78.1#



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

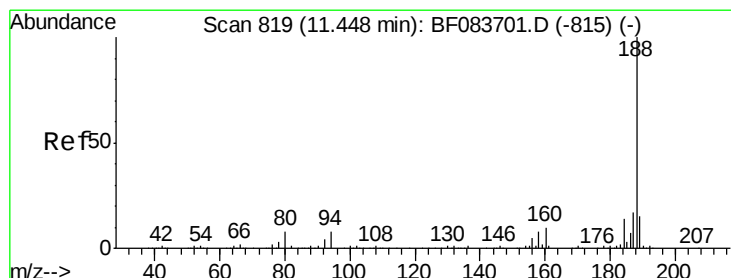
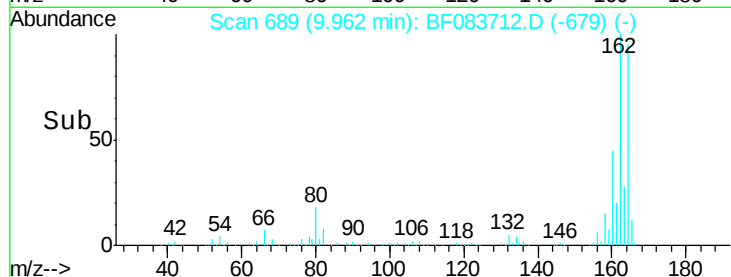
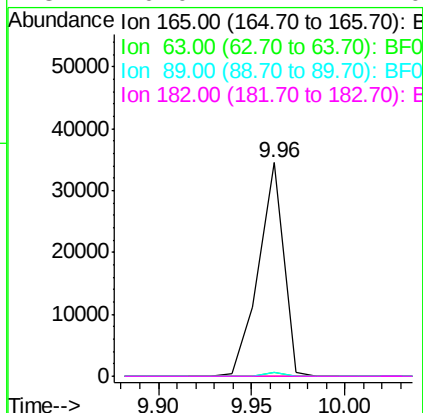
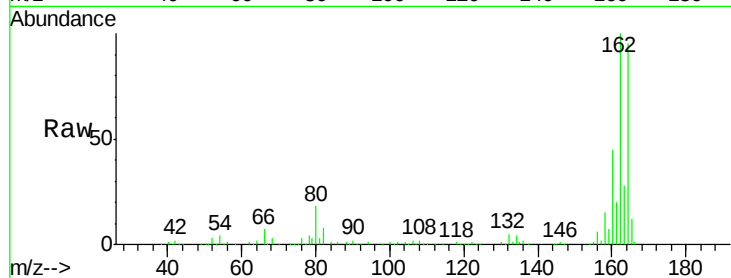




#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.18 min
Lab File: BF083712.D
Acq: 11 Dec 2015 23:19

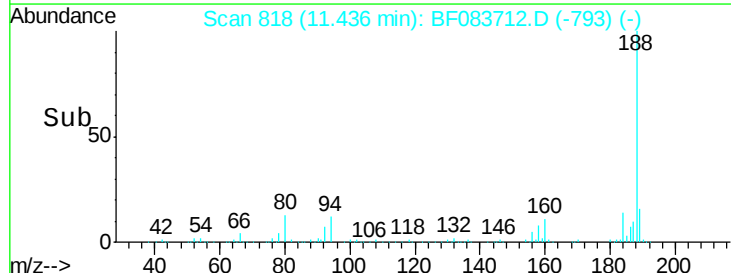
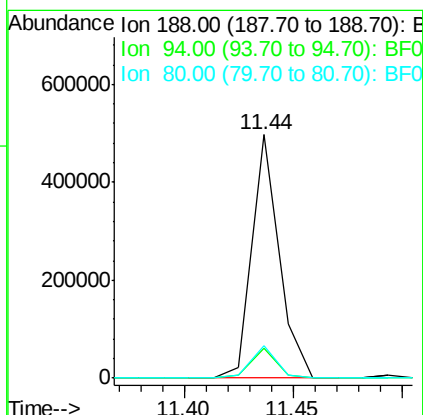
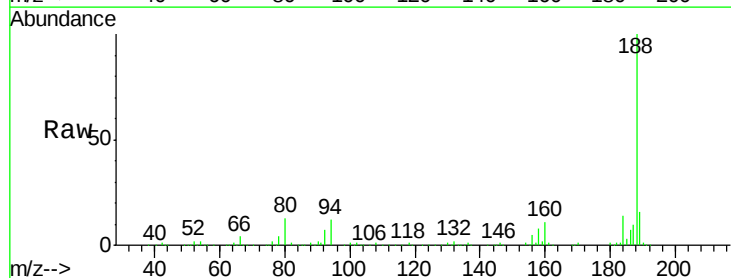
Instrument :
BNA_F
ClientSampleId :
PB87230BL

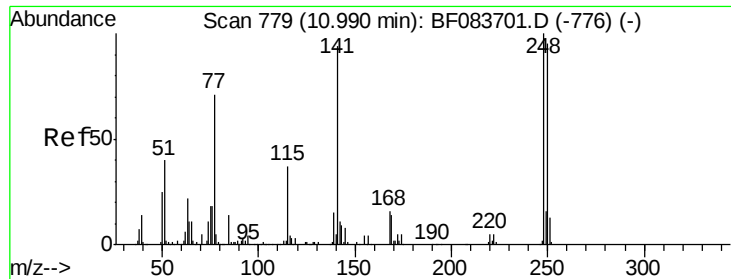
Tgt Ion:165 Resp: 32124
Ion Ratio Lower Upper
165 100
63 1.6 51.4 77.2#
89 1.8 72.6 108.8#
182 0.0 1.4 2.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083712.D
Acq: 11 Dec 2015 23:19

Tgt Ion:188 Resp: 434366
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.1 10.6 16.0

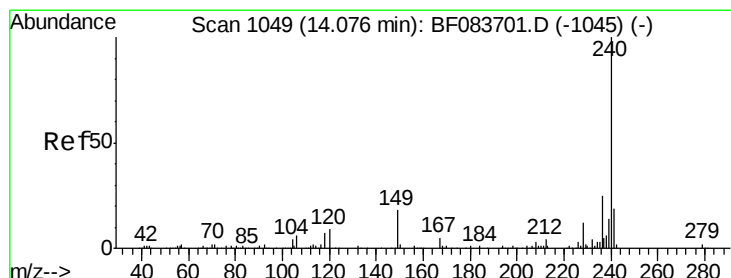
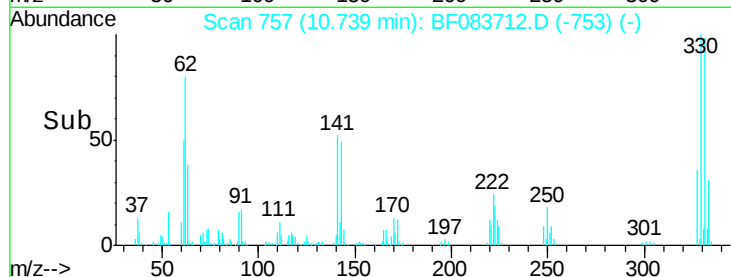
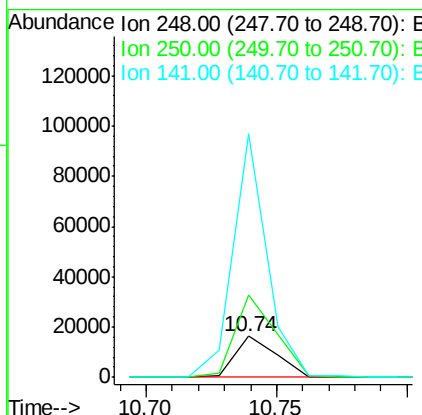
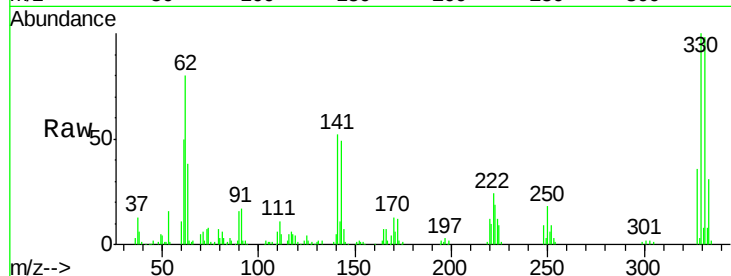




#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083712.D
Acq: 11 Dec 2015 23:19

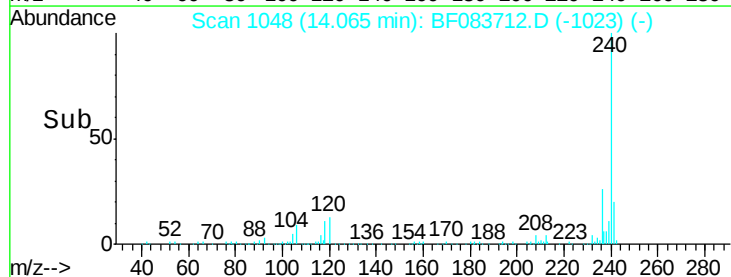
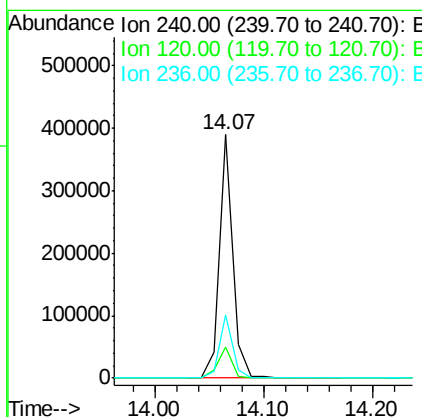
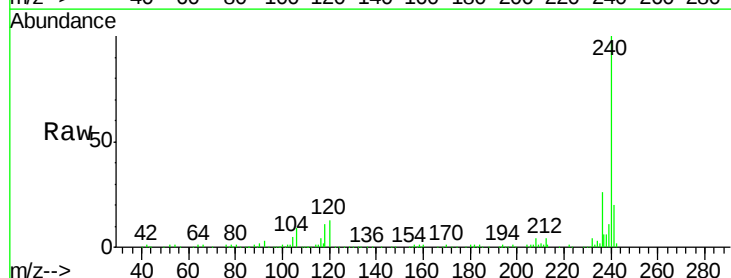
Instrument :
BNA_F
ClientSampleId :
PB87230BL

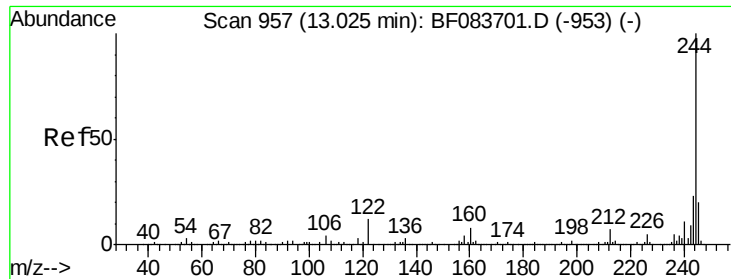
Tgt Ion:248 Resp: 18006
Ion Ratio Lower Upper
248 100
250 200.9 79.2 118.8#
141 592.6 58.2 87.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083712.D
Acq: 11 Dec 2015 23:19

Tgt Ion:240 Resp: 338808
Ion Ratio Lower Upper
240 100
120 12.8 8.1 12.1#
236 26.2 20.8 31.2

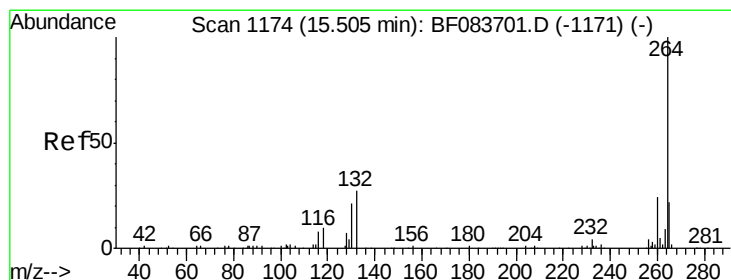
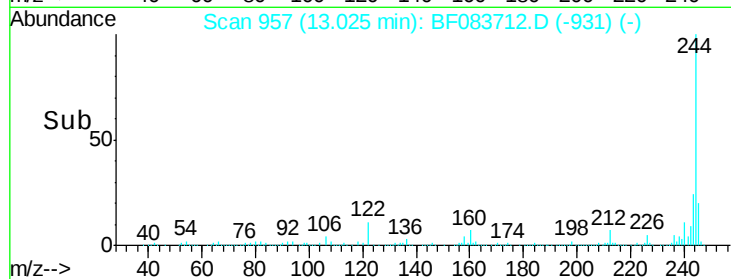
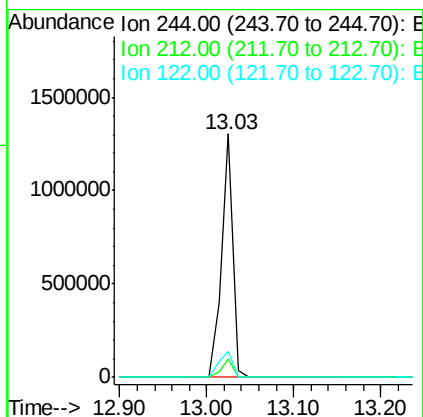
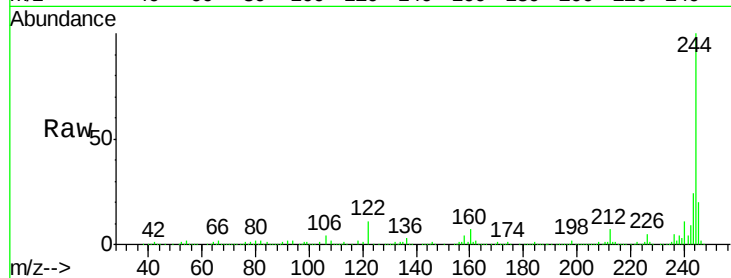




#78
 Terphenyl-d14
 Concen: 79.77 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF083712.D
 Acq: 11 Dec 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BL

Tgt Ion:244 Resp: 1203550
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.7 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: BF083712.D
 Acq: 11 Dec 2015 23:19

Tgt Ion:264 Resp: 238921
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.0 17.8 26.6

