

Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
 Data File : BF084606.D
 Acq On : 25 Jan 2016 14:46
 Operator : SJ/IZ
 Sample : H1201-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 16:45:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

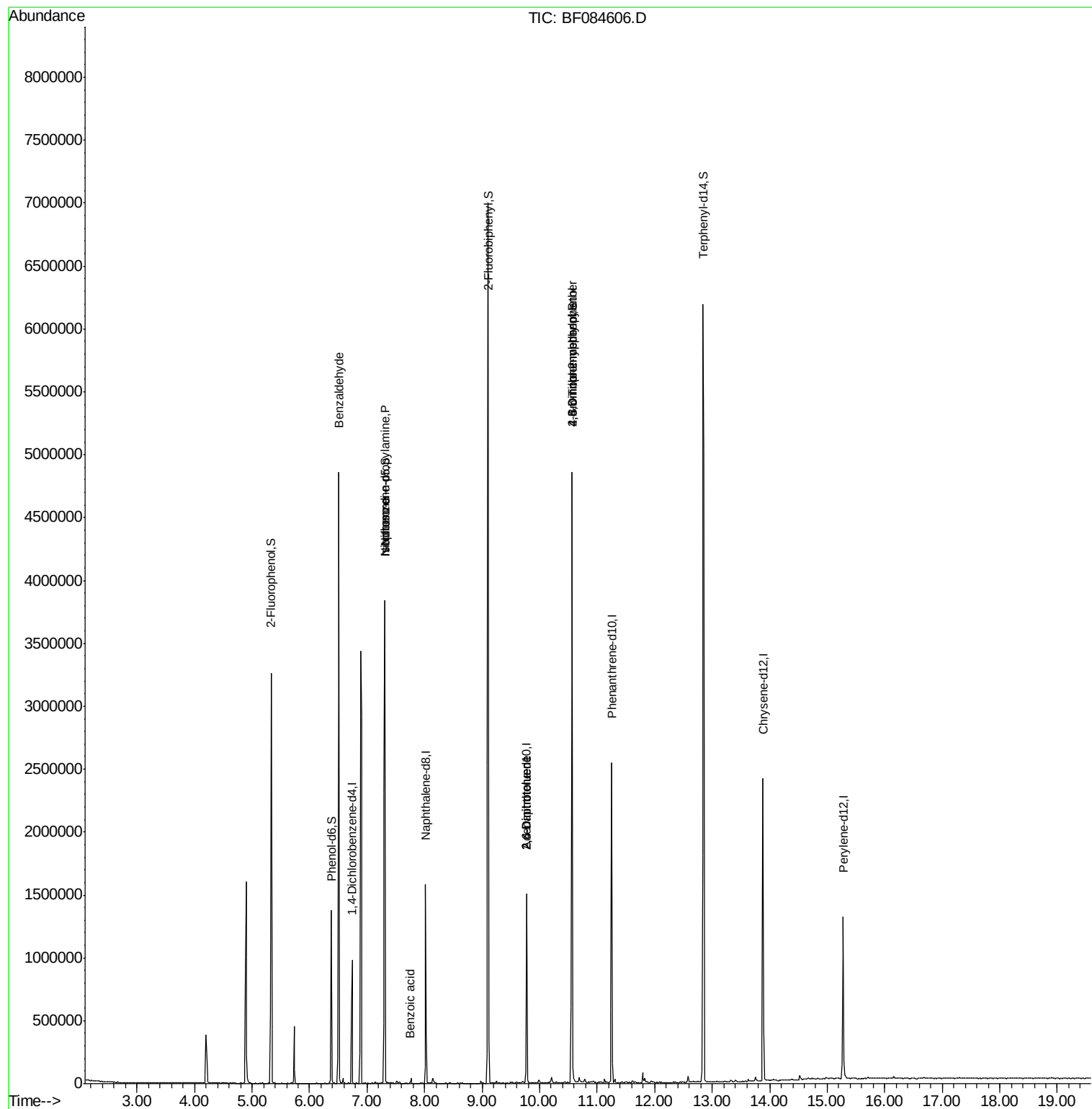
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	183760	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	697068	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	434345	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	875582	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	794343	20.00	ng	-0.01
86) Perylene-d12	15.28	264	658034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	776030	68.31	ng	0.00
7) Phenol-d6	6.38	99	649045	45.49	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1506411	120.27	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	724991	165.33	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2138905	86.76	ng	0.00
78) Terphenyl-d14	12.84	244	2975183	83.61	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.51	77	38755	4.17	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.31	70	215778	22.34	ng	# 73
25) Isophorone	7.31	82	1398463	58.38	ng	# 66
32) Benzoic acid	7.74	122	401	6.30	ng	# 80
50) 2,6-Dinitrotoluene	9.77	165	54696	8.03	ng	# 38
54) Dibenzofuran	9.97	168	332	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.77	165	54696	6.35	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.57	198	1957	6.69	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	48187	5.11	ng	# 1
73) Di-n-butylphthalate	11.82	149	15383	Below Cal	#	99

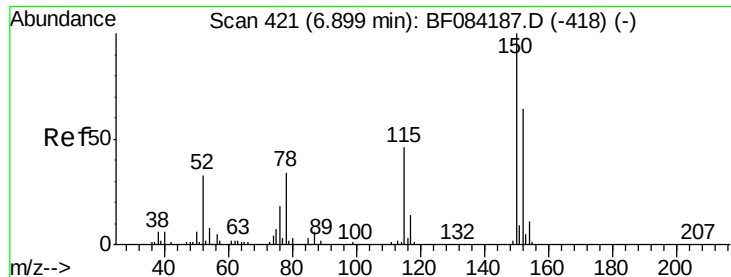
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 25 16:45:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration



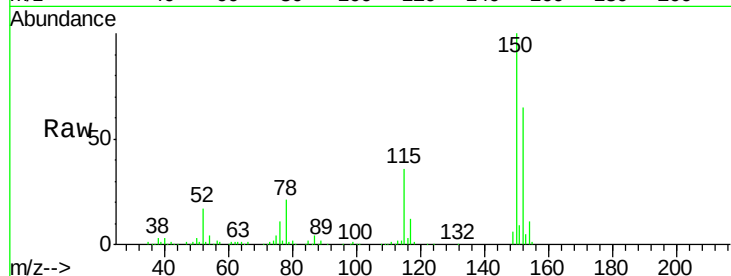


#1

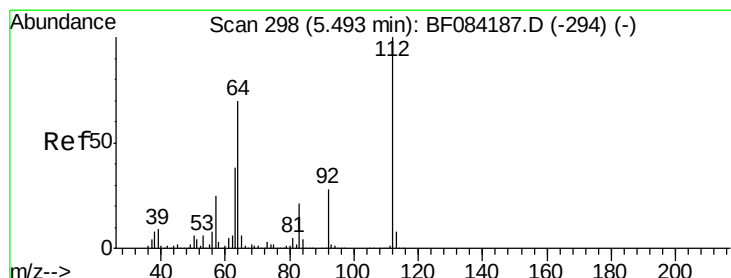
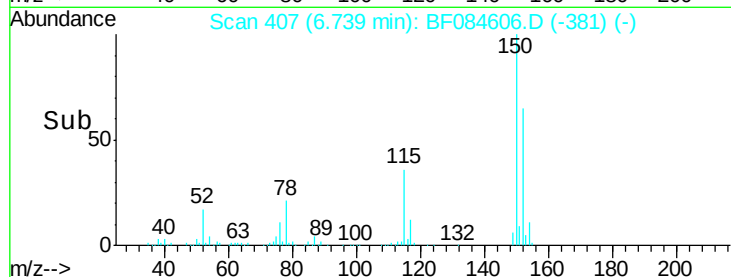
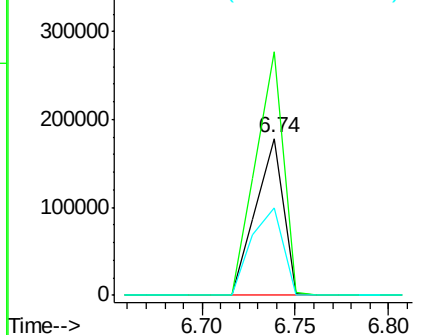
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183760
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.4
115 55.8 51.4 77.2



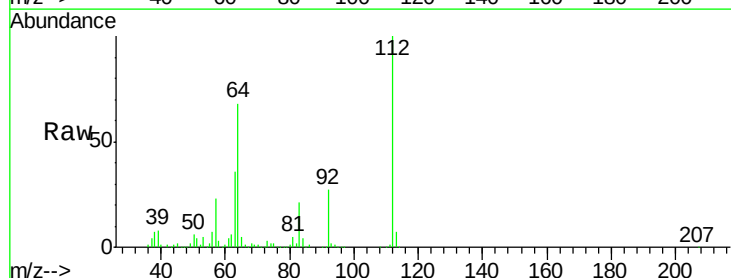
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



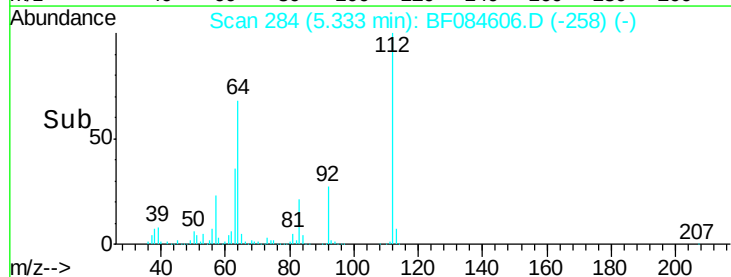
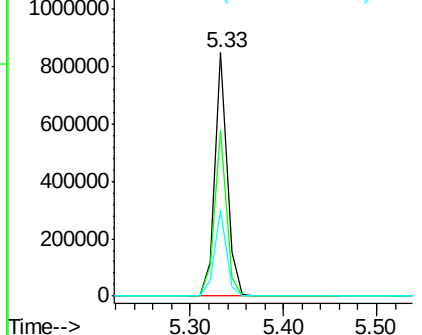
#5

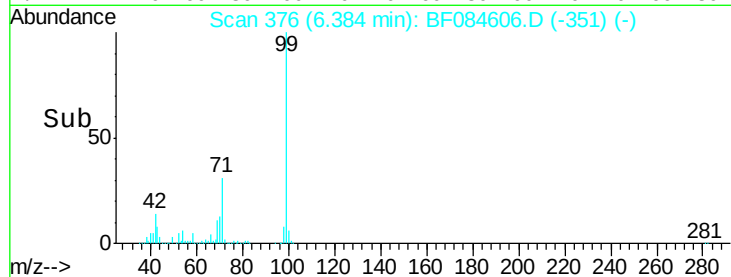
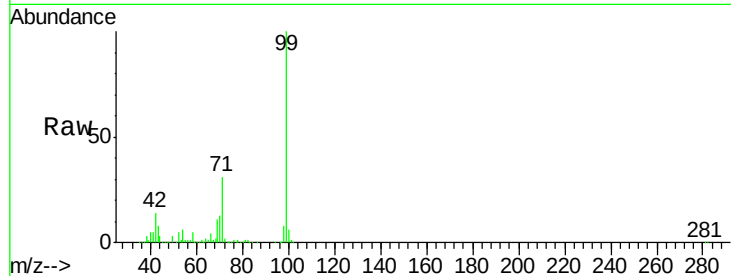
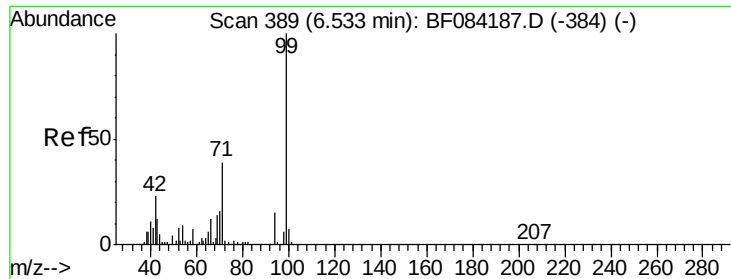
2-Fluorophenol
Concen: 68.31 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Tgt Ion:112 Resp: 776030
Ion Ratio Lower Upper
112 100
64 67.8 36.6 55.0#
63 35.5 19.4 29.0#



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: 45.49 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084606.D

Acq: 25 Jan 2016 14:46

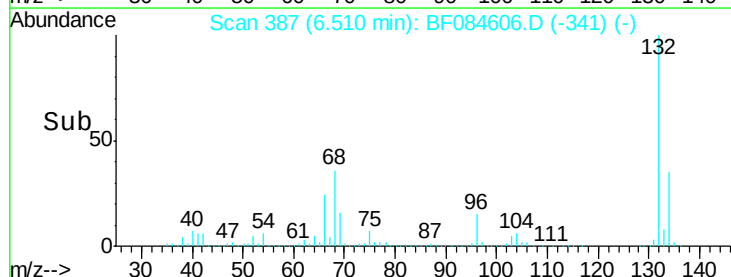
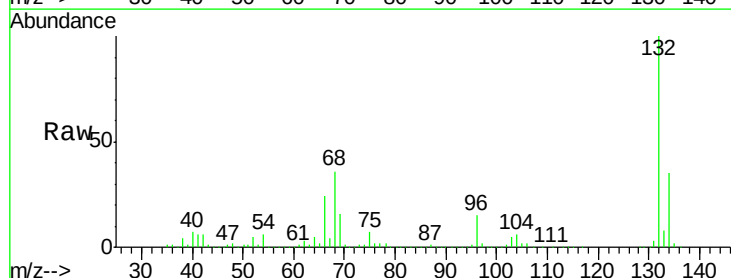
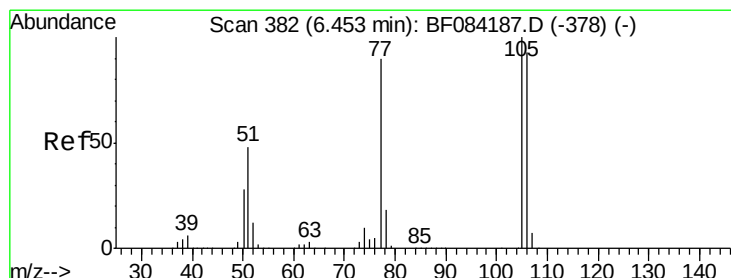
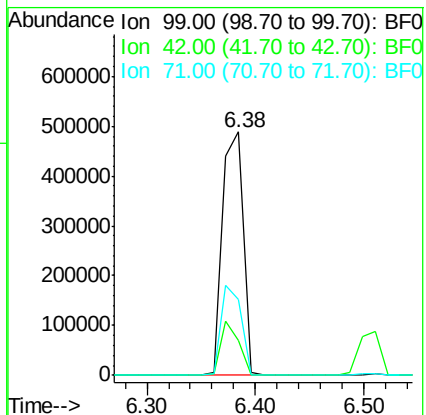
Tot Ion: 99 Resp: 649045

Ion Ratio Lower Upper

99 100

42 14.4 12.8 19.2

71 31.5 30.9 46.3



#9

Benzaldehyde

Concen: 4.17 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF084606.D

Acq: 25 Jan 2016 14:46

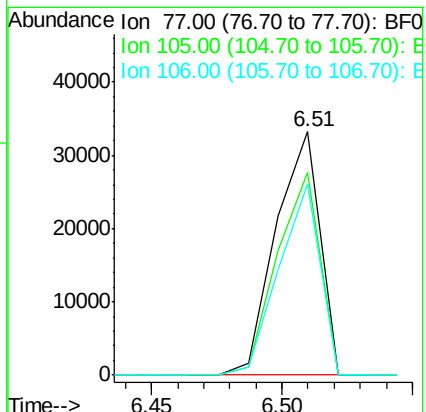
Tgt Ion: 77 Resp: 38755

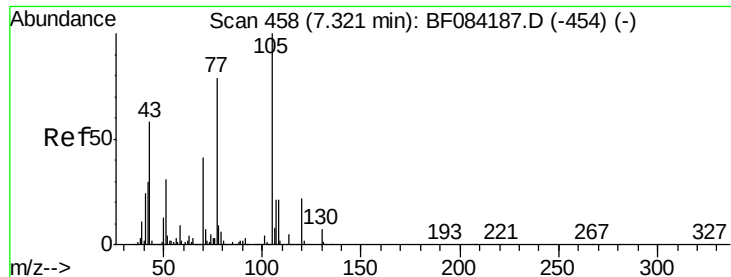
Ion Ratio Lower Upper

77 100

105 83.2 83.0 123.0

106 78.4 74.6 114.6

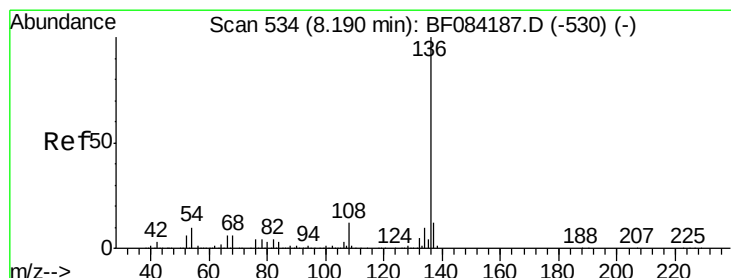
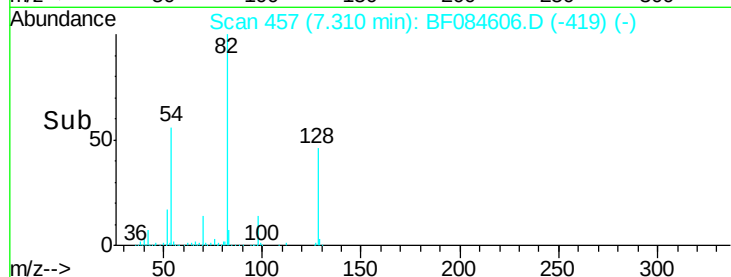
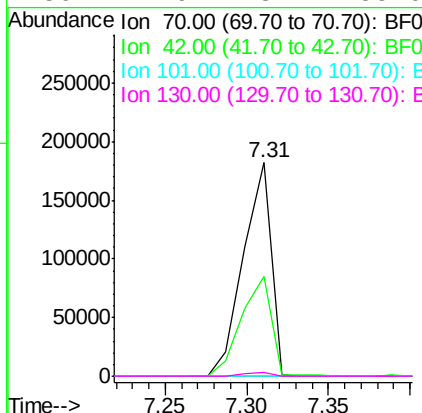
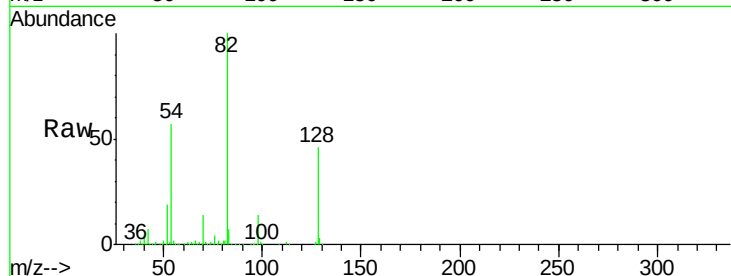




#19
n-Nitroso-di-n-propylamine
Concen: 22.34 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

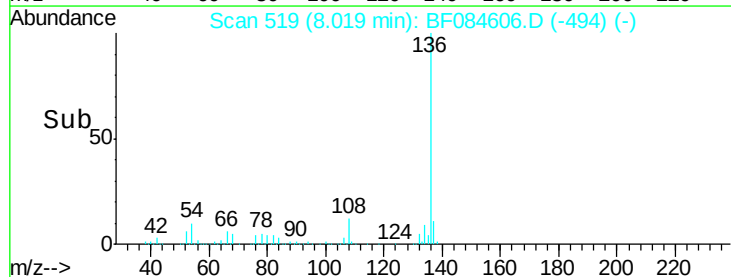
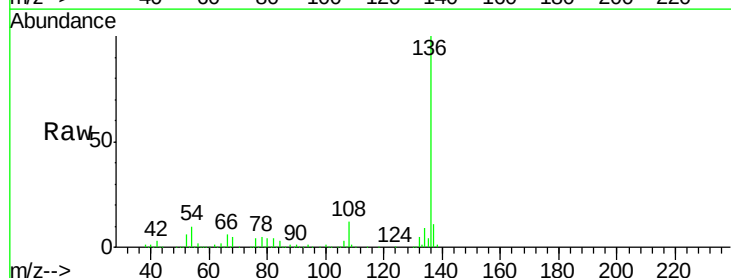
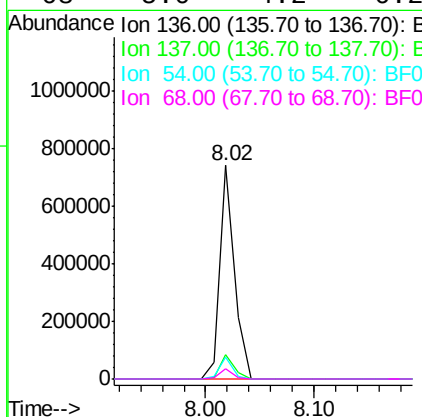
Instrument :
BNA_F
ClientSampleId :

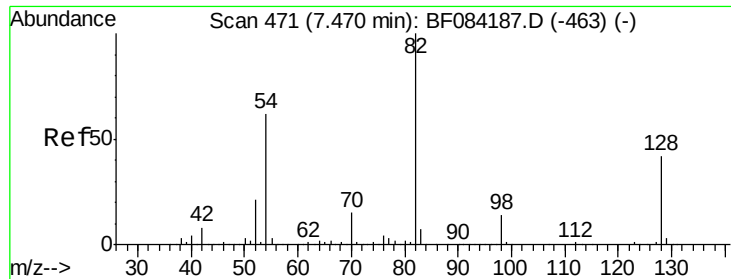
Tot Ion: 70 Resp: 215778
Ion Ratio Lower Upper
70 100
42 46.8 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Tgt Ion:136 Resp: 697068
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 10.1 5.8 8.8#
68 5.0 4.2 6.2

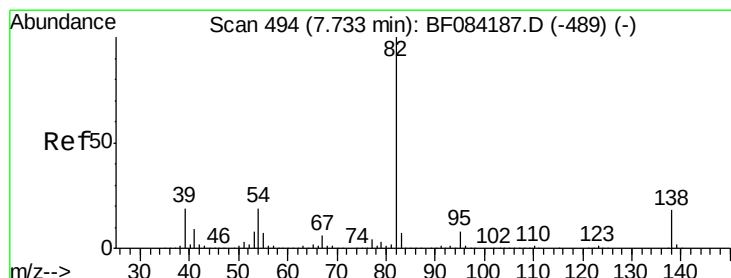
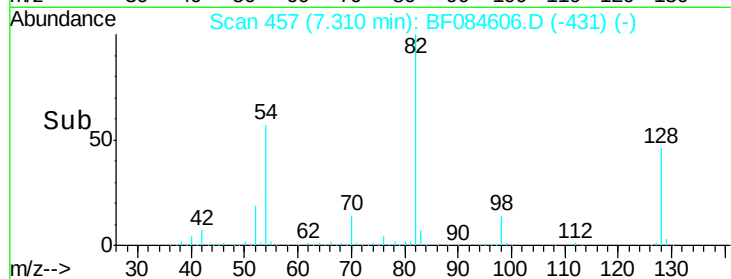
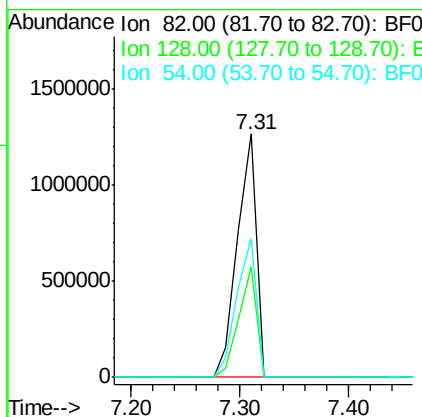
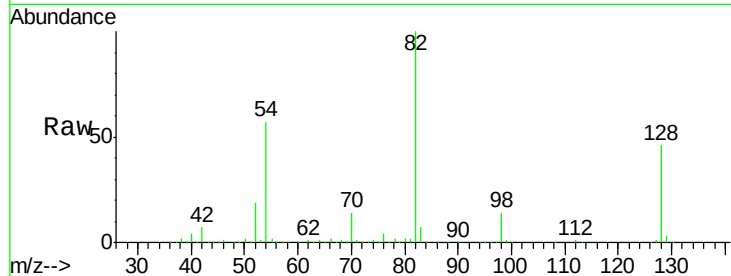




#23
 Nitrobenzene-d5
 Concen: 120.27 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084606.D
 Acq: 25 Jan 2016 14:46

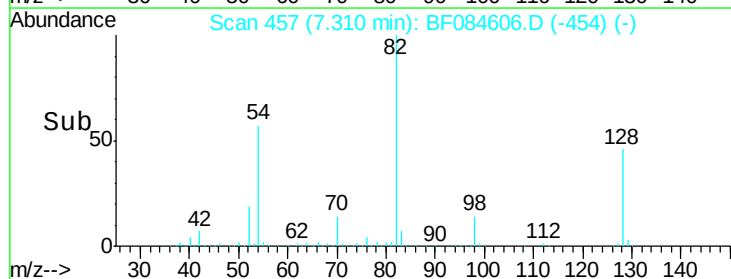
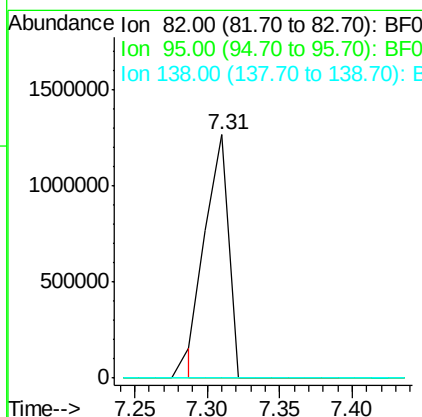
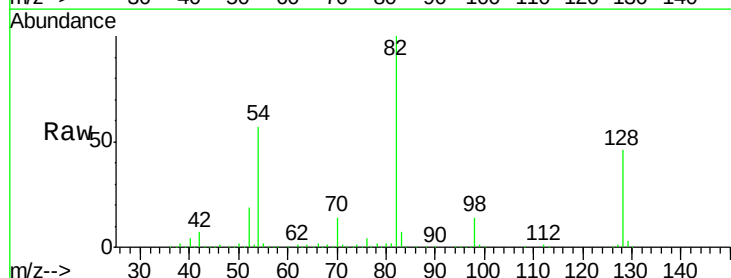
Instrument :
 BNA_F
 ClientSampleId :

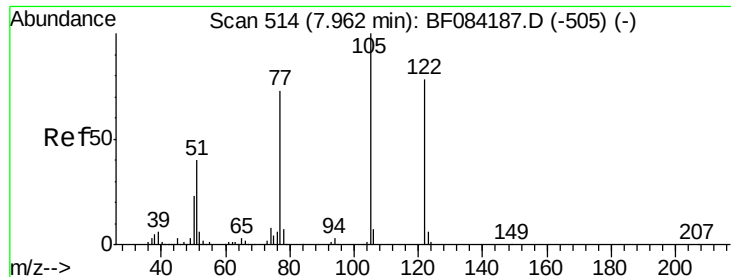
Tot Ion: 82 Resp: 1506411
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 51.8
 54 56.8 38.4 57.6



#25
 Isophorone
 Concen: 58.38 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.26 min
 Lab File: BF084606.D
 Acq: 25 Jan 2016 14:46

Tgt Ion: 82 Resp: 1398463
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#

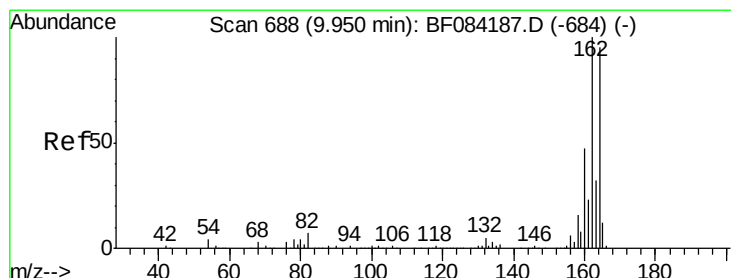
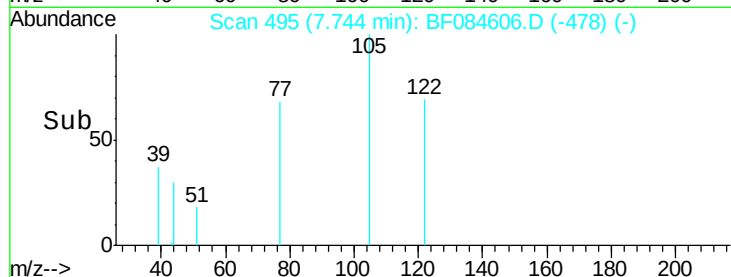
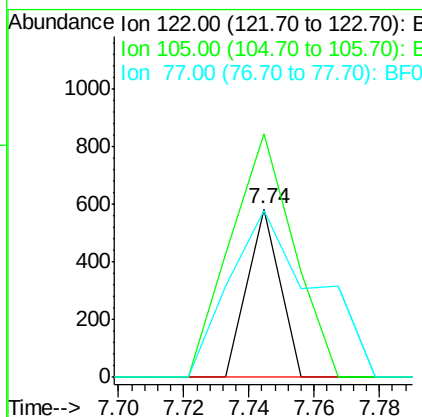
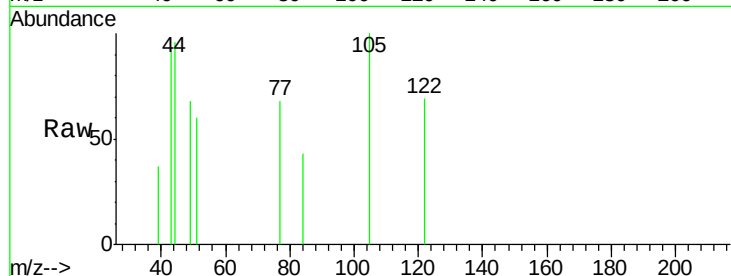




#32
Benzoic acid
Concen: 6.30 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.10 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

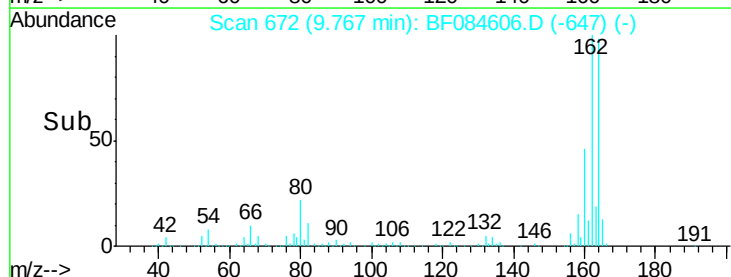
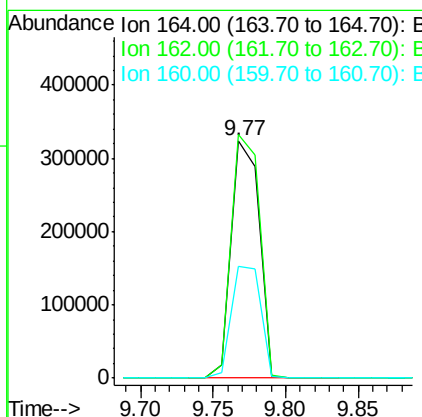
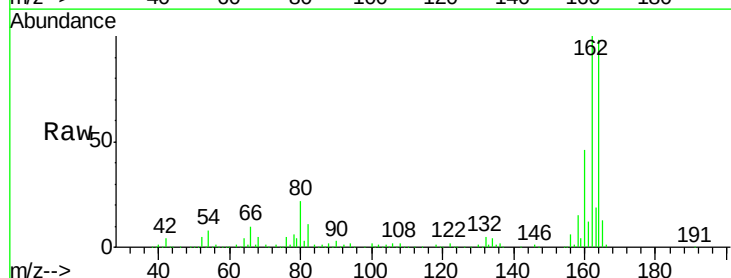
Instrument :
BNA_F
ClientSampled :

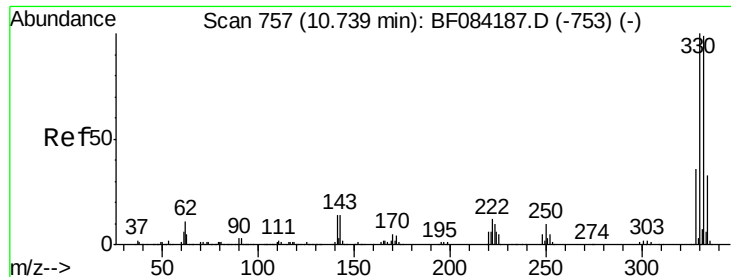
Tot Ion:122 Resp: 401
Ion Ratio Lower Upper
122 100
105 144.4 100.3 140.3#
77 98.8 63.5 103.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Tgt Ion:164 Resp: 434345
Ion Ratio Lower Upper
164 100
162 102.4 85.1 127.7
160 47.0 37.5 56.3

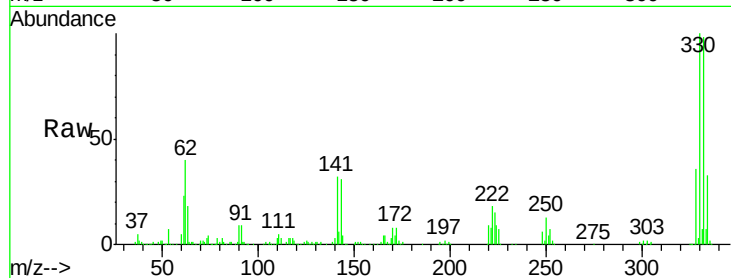




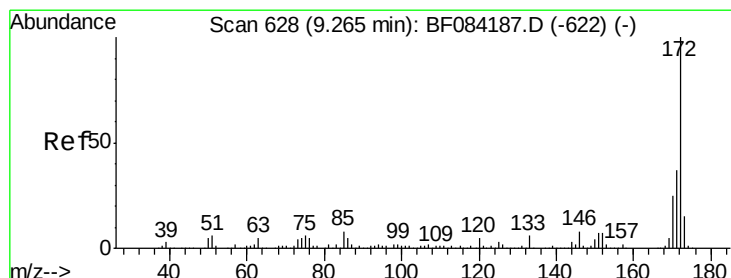
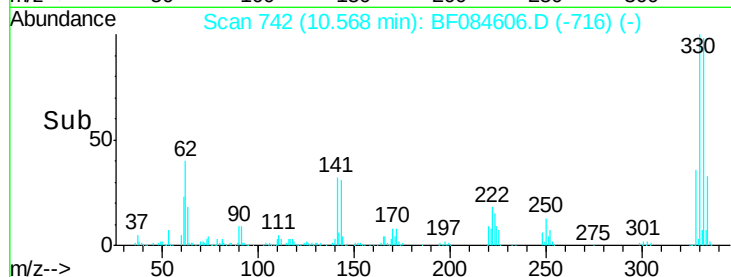
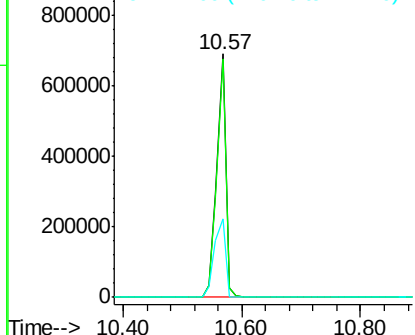
#41
 2,4,6-Tribromophenol
 Concen: 165.33 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF084606.D
 Acq: 25 Jan 2016 14:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 724991
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 40.0 27.8 41.6

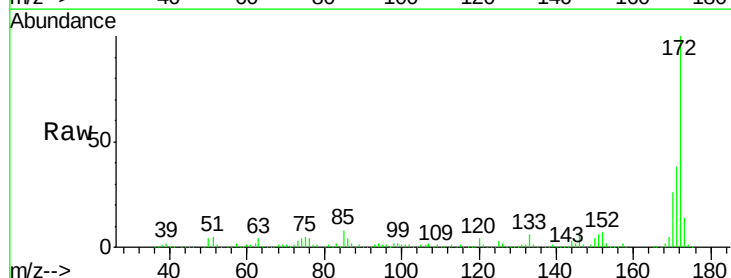


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

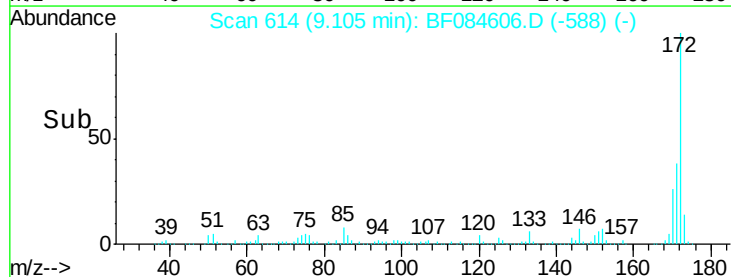
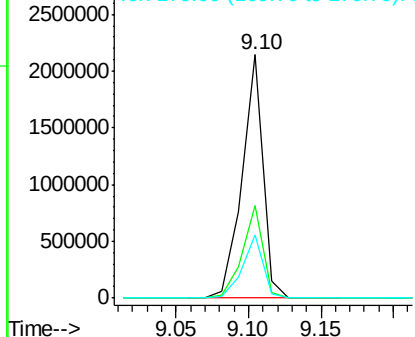


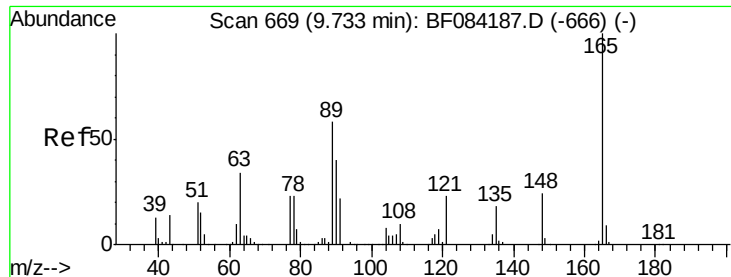
#44
 2-Fluorobiphenyl
 Concen: 86.76 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084606.D
 Acq: 25 Jan 2016 14:46

Tgt Ion:172 Resp: 2138905
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.9 43.3
 170 25.8 18.6 27.8



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

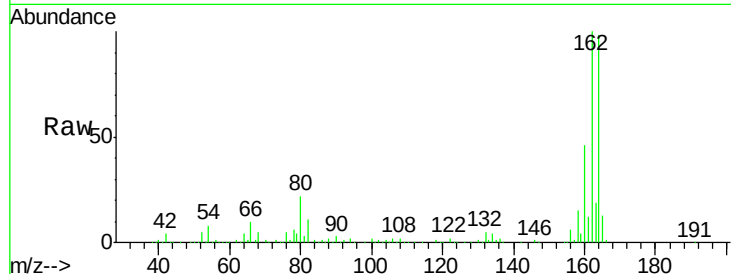




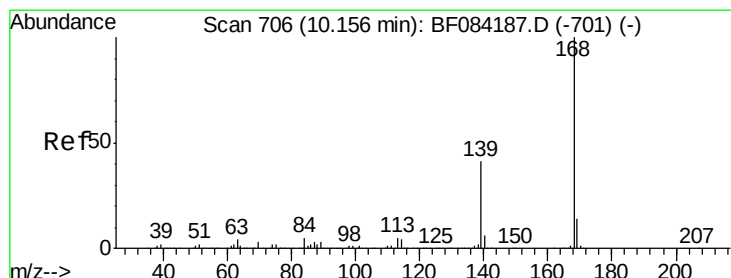
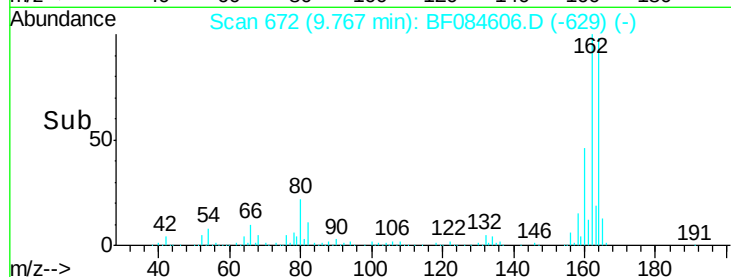
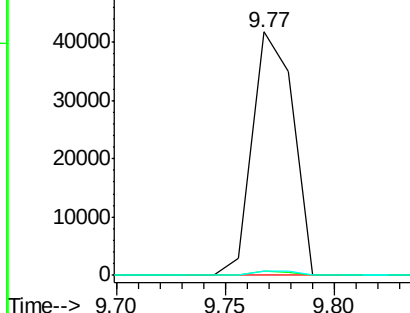
#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF084606.D
 Acq: 25 Jan 2016 14:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	28.8	43.2#
89	1.8	35.1	52.7#

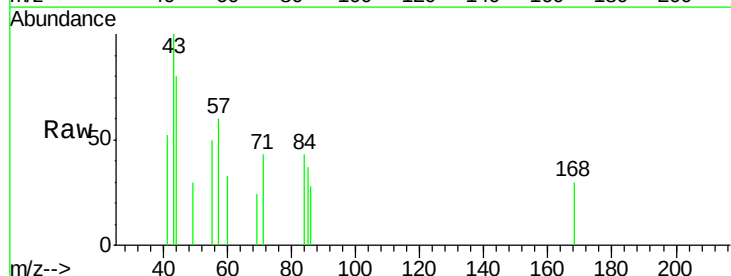


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

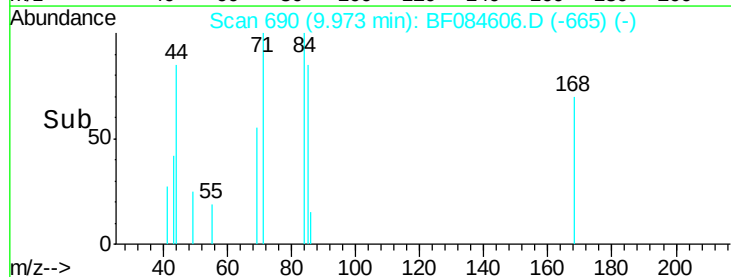
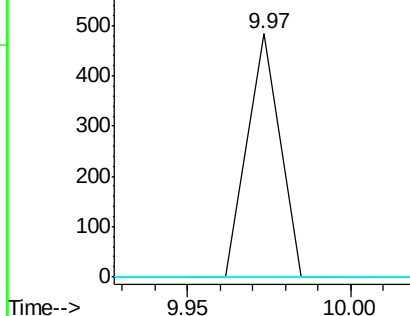


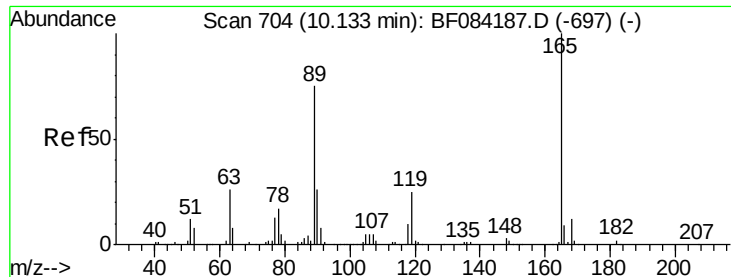
#54
 Dibenzofuran
 Concen: Below Cal
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF084606.D
 Acq: 25 Jan 2016 14:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

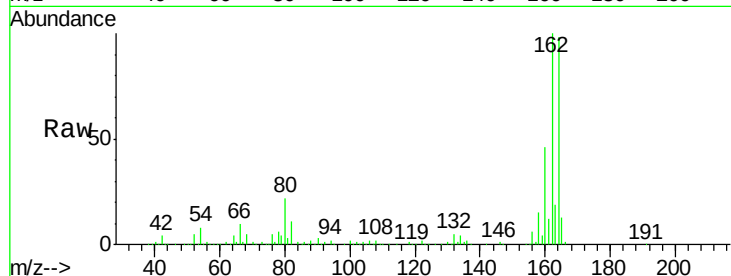




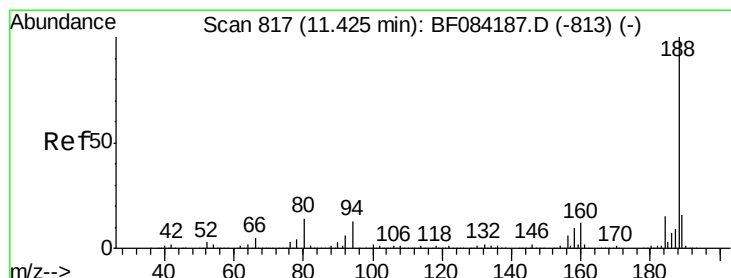
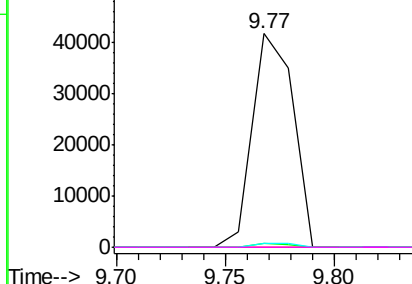
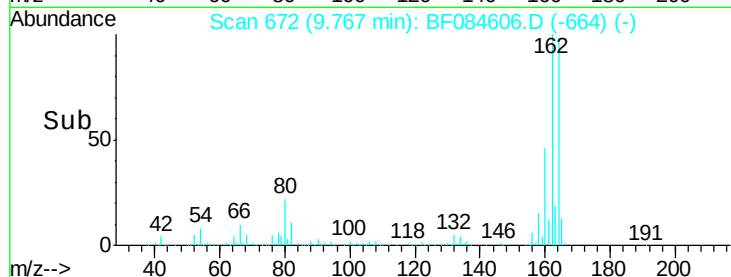
#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF084606.D
 Acq: 25 Jan 2016 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 54696
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.7 55.1#
 89 1.8 61.9 92.9#
 182 0.0 2.0 3.0#

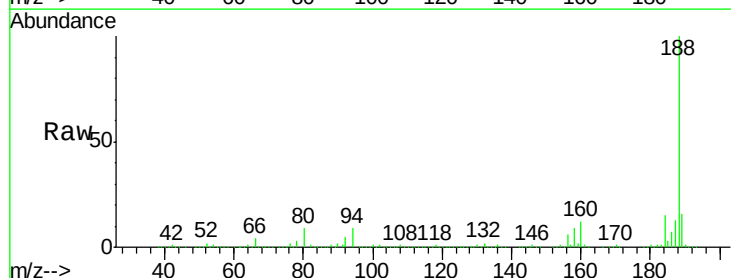


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

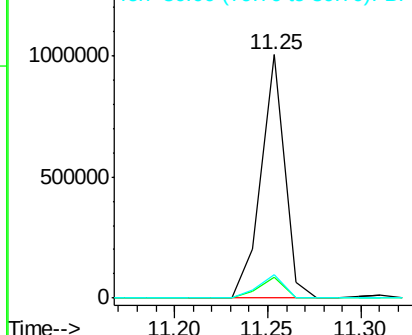
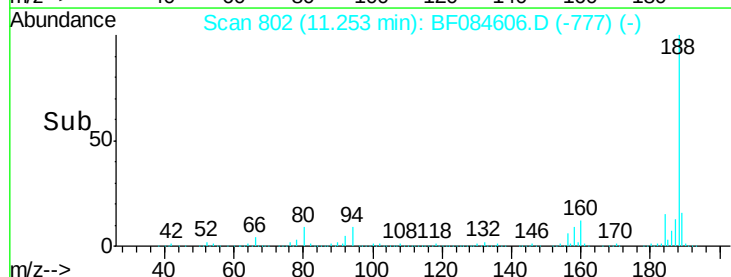


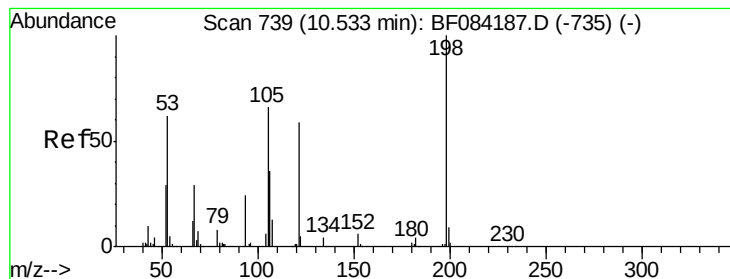
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084606.D
 Acq: 25 Jan 2016 14:46

Tgt Ion:188 Resp: 875582
 Ion Ratio Lower Upper
 188 100
 94 8.8 9.0 13.4#
 80 9.4 9.6 14.4#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 6.69 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.18 min

Lab File: BF084606.D

Acq: 25 Jan 2016 14:46

Instrument :

BNA_F

ClientSampleId :

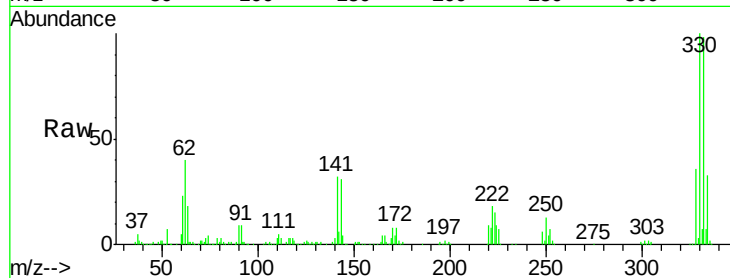
Tot Ion:198 Resp: 1957

Ion Ratio Lower Upper

198 100

51 99.9 18.9 58.9#

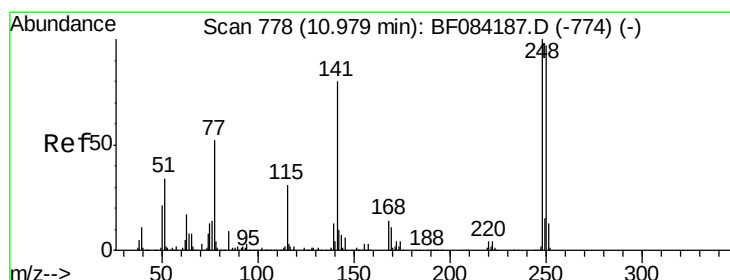
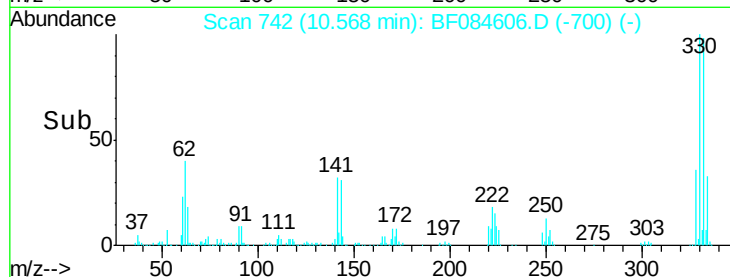
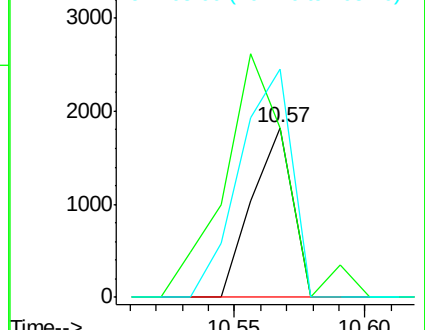
105 134.9 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.11 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.24 min

Lab File: BF084606.D

Acq: 25 Jan 2016 14:46

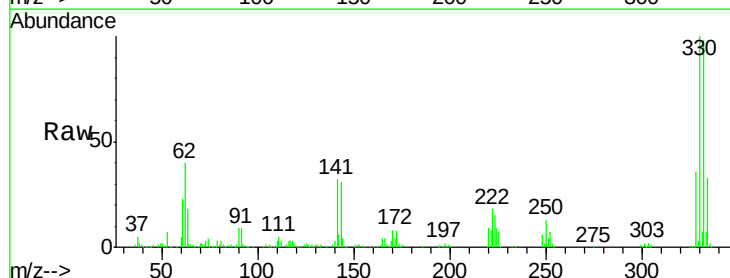
Tgt Ion:248 Resp: 48187

Ion Ratio Lower Upper

248 100

250 196.4 78.4 117.6#

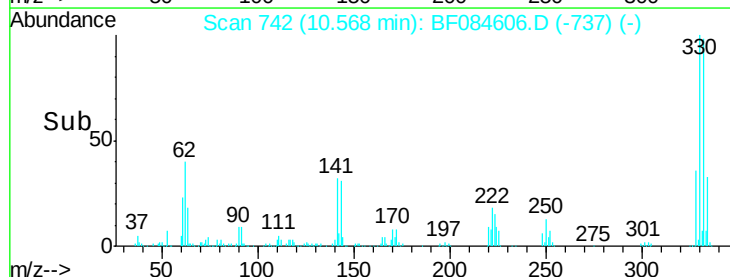
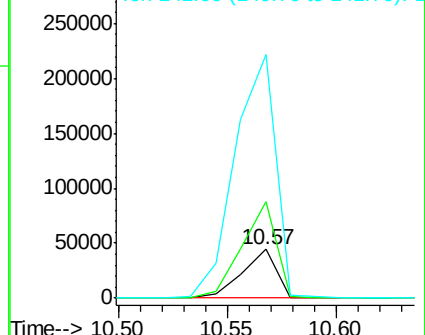
141 498.5 44.0 66.0#

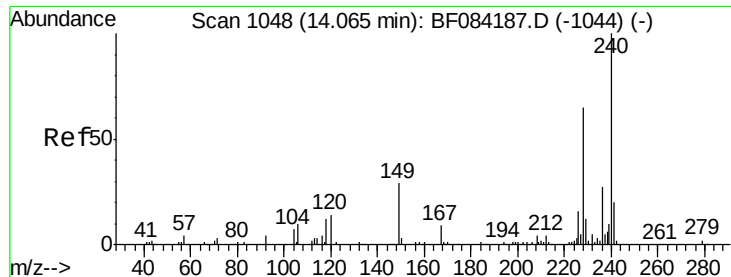


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF084606.D

Acq: 25 Jan 2016 14:46

Instrument :

BNA_F

ClientSampleId :

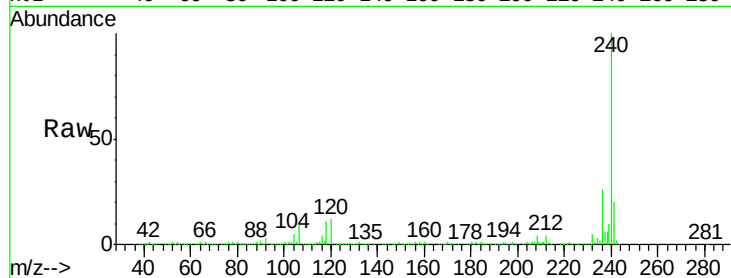
Tot Ion:240 Resp: 794343

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

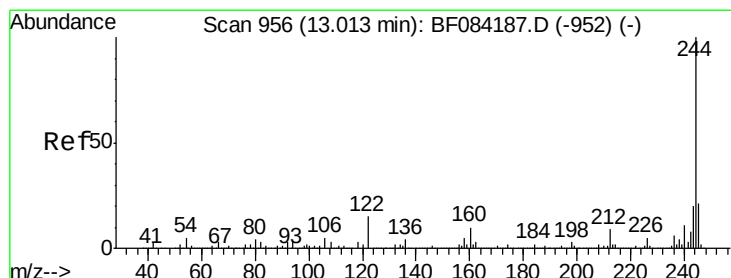
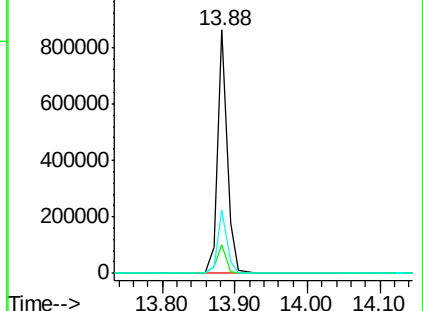
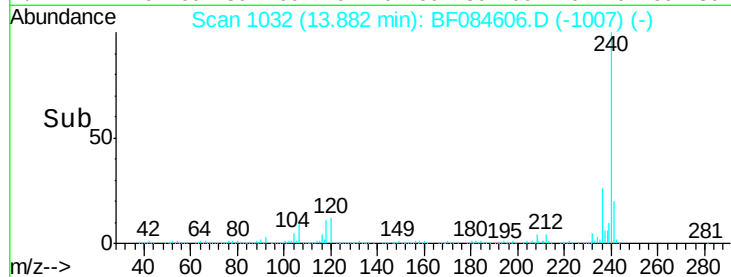
236 26.2 20.6 31.0



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: 83.61 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF084606.D

Acq: 25 Jan 2016 14:46

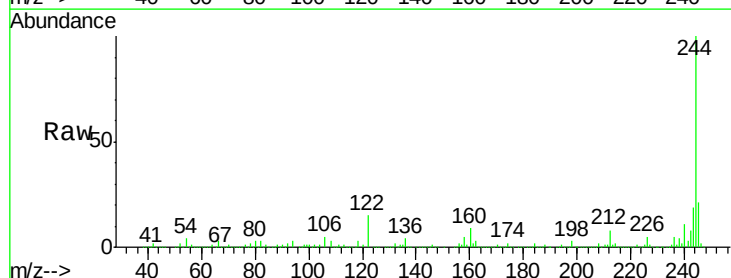
Tgt Ion:244 Resp: 2975183

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

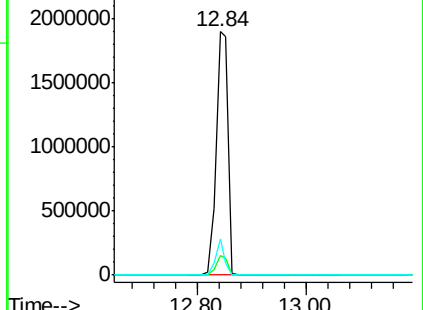
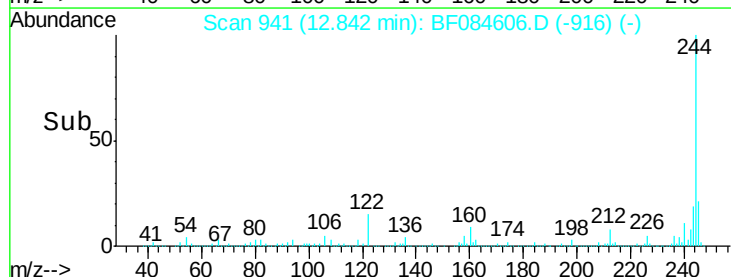
122 14.9 7.4 11.0#

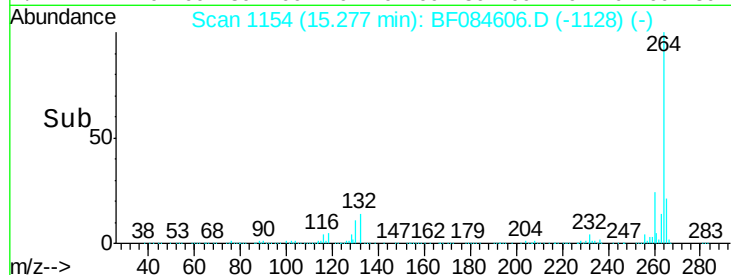
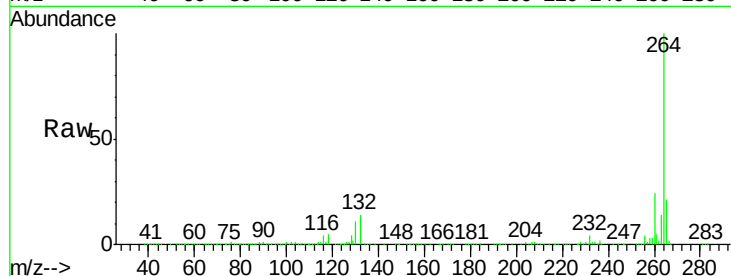
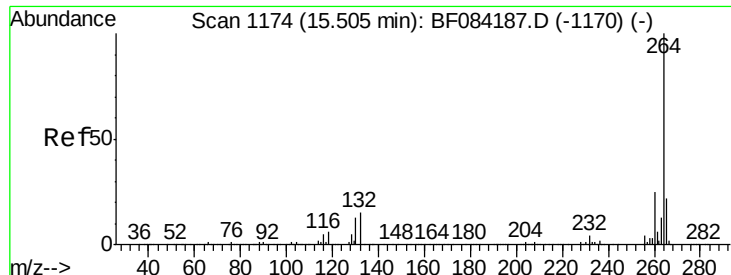


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF084606.D
 Acq: 25 Jan 2016 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	658034
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.8	26.6

