

Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
 Data File : BF084609.D
 Acq On : 25 Jan 2016 16:09
 Operator : SJ/IZ
 Sample : H1201-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 16:56:53 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

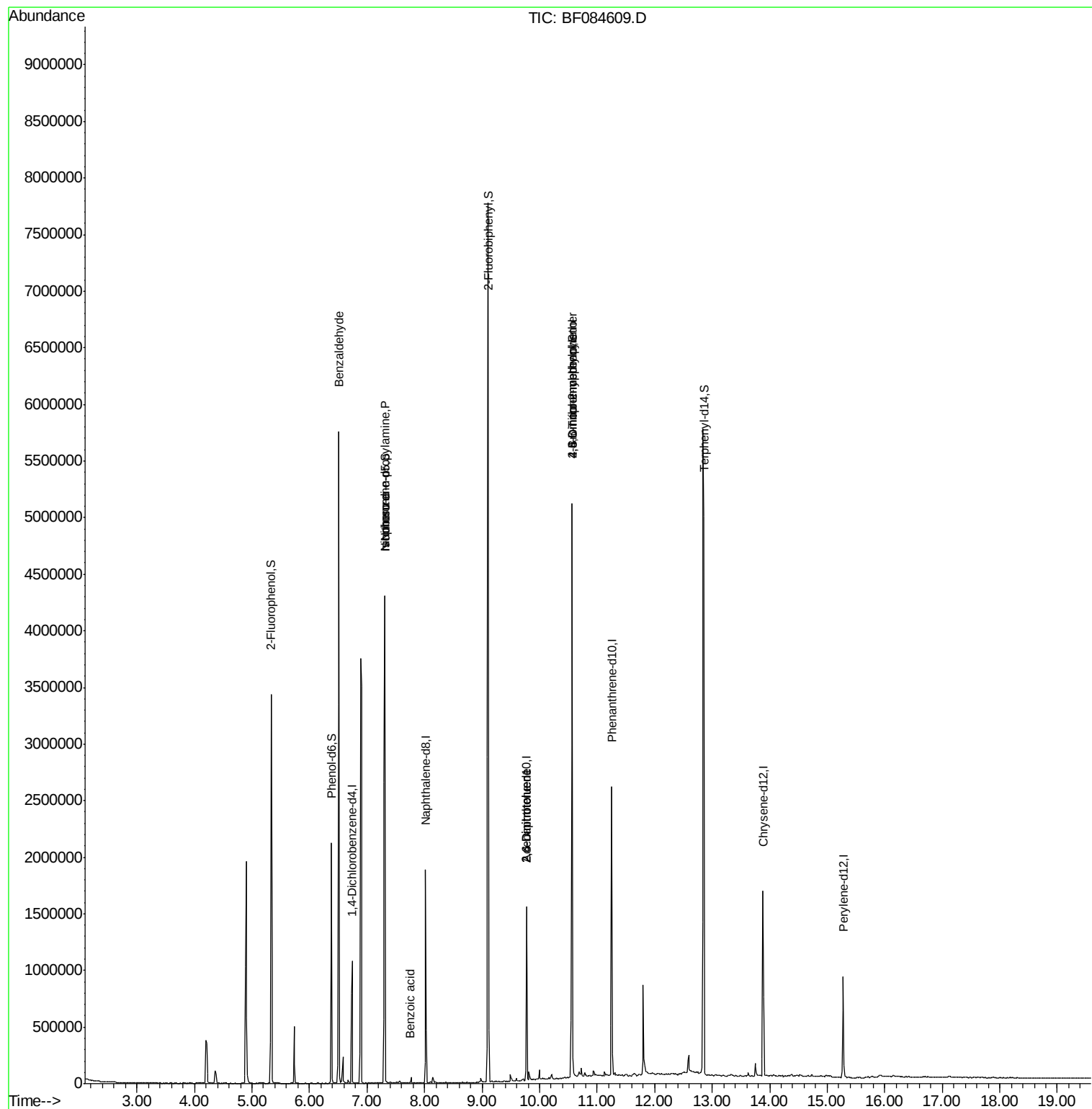
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	212811	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	846333	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	427981	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	845351	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	630055	20.00	ng	-0.01
86) Perylene-d12	15.28	264	439726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	943707	71.73	ng	0.00
7) Phenol-d6	6.38	99	883291	53.45	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1734709	114.07	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	690007	159.69	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2405730	100.00	ng	0.00
78) Terphenyl-d14	12.85	244	2710671	96.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	44102	4.10	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.31	70	246627	22.05	ng	# 76
25) Isophorone	7.31	82	1602147	55.09	ng	# 66
32) Benzoic acid	7.74	122	671	6.31	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	55781	8.31	ng	# 38
54) Dibenzofuran	9.97	168	342	Below Cal	#	59
56) 2,4-Dinitrotoluene	9.77	165	55783	6.57	ng	# 22
60) 4-Chlorophenyl-phenylether	10.54	204	210	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	10.57	198	1902	6.69	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	48345	5.31	ng	# 1
73) Di-n-butylphthalate	11.82	149	13187	Below Cal	#	94

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

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Quant Time: Jan 25 16:56:53 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



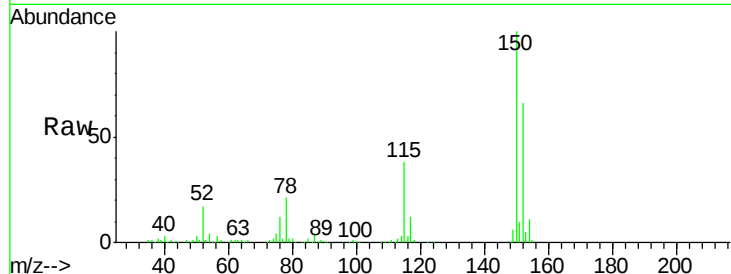


#1

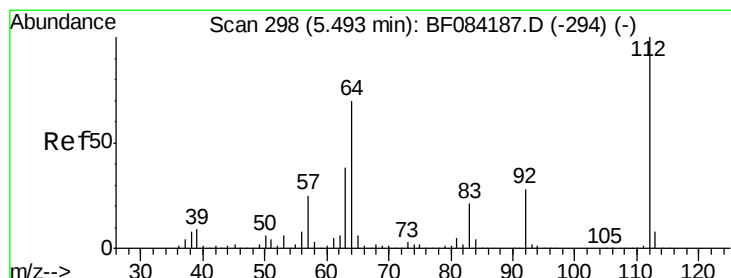
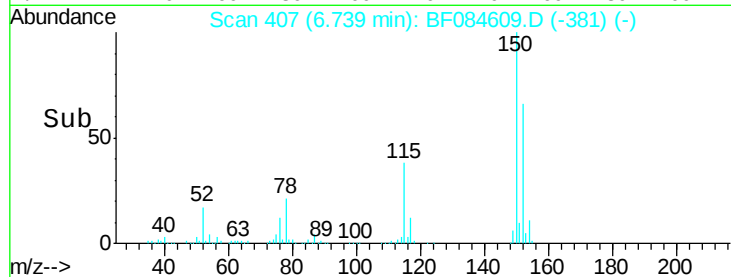
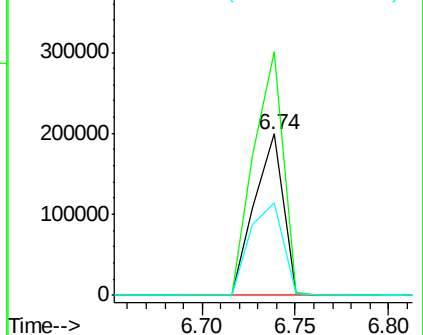
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 212811
Ion Ratio Lower Upper
152 100
150 150.9 123.0 184.4
115 57.1 51.4 77.2



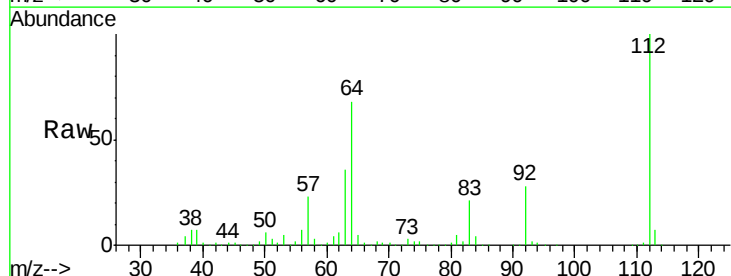
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



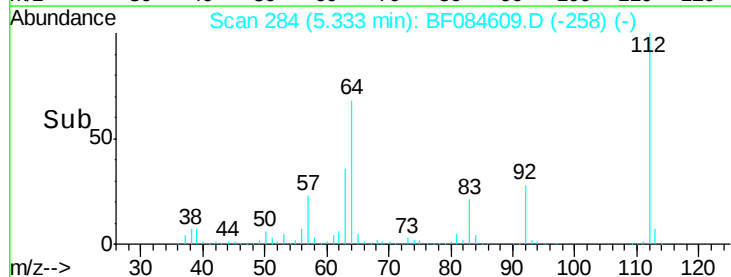
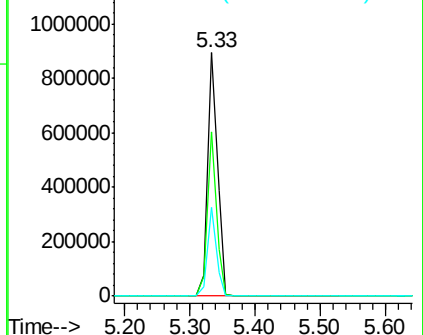
#5

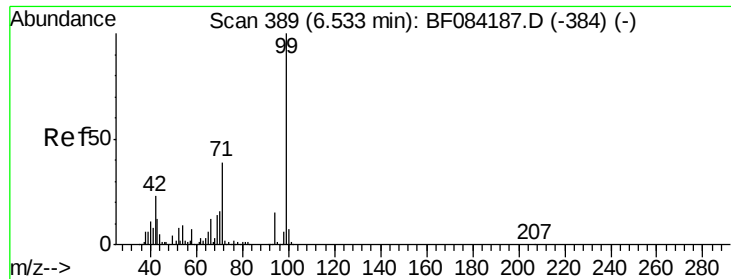
2-Fluorophenol
Concen: 71.73 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

Tgt Ion:112 Resp: 943707
Ion Ratio Lower Upper
112 100
64 67.7 36.6 55.0#
63 36.5 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: 53.45 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

Instrument :

BNA_F

ClientSampled :

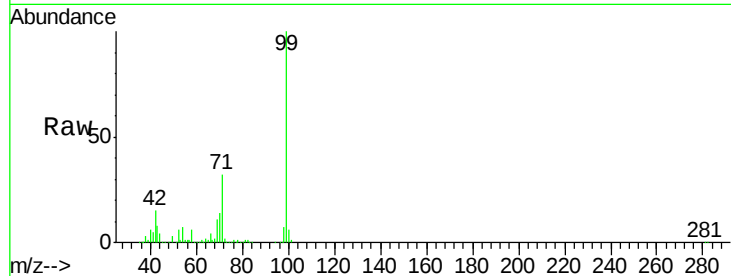
Tot Ion: 99 Resp: 883291

Ion Ratio Lower Upper

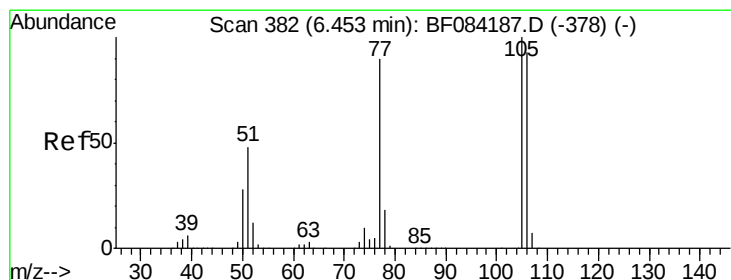
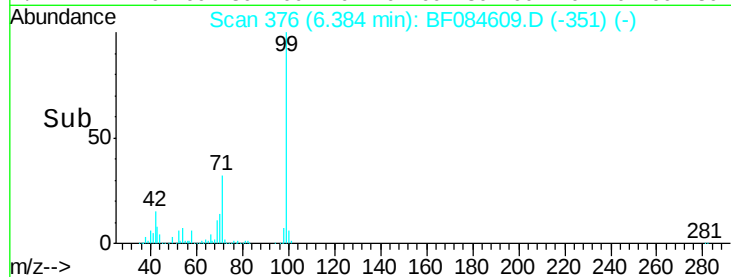
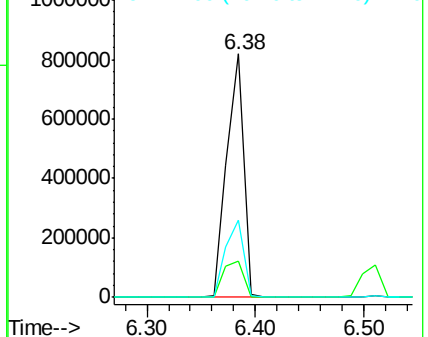
99 100

42 15.1 12.8 19.2

71 31.9 30.9 46.3



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: 4.10 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

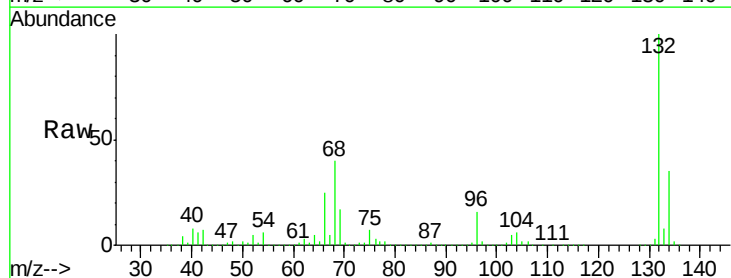
Tgt Ion: 77 Resp: 44102

Ion Ratio Lower Upper

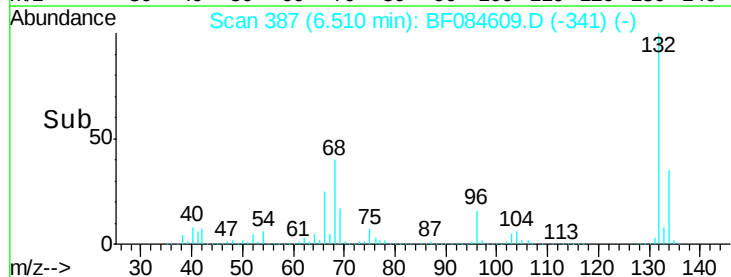
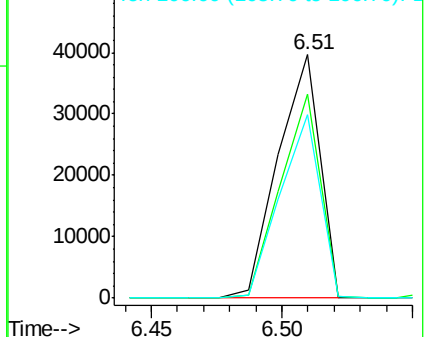
77 100

105 84.0 83.0 123.0

106 75.4 74.6 114.6



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

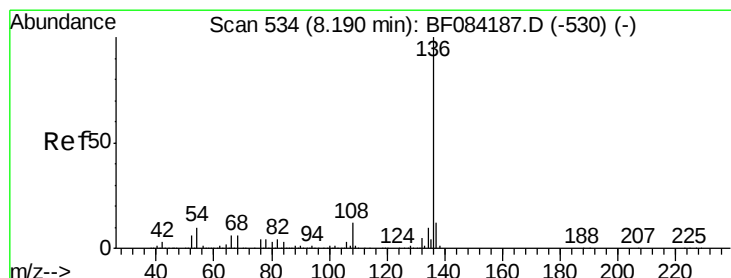
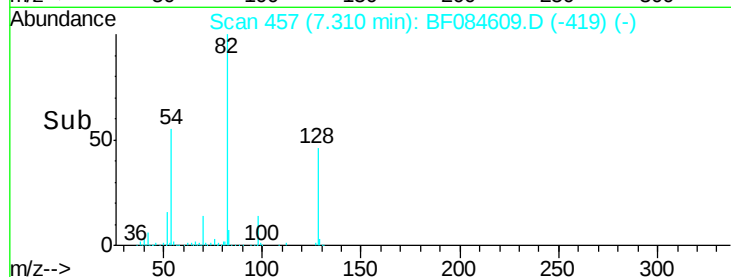
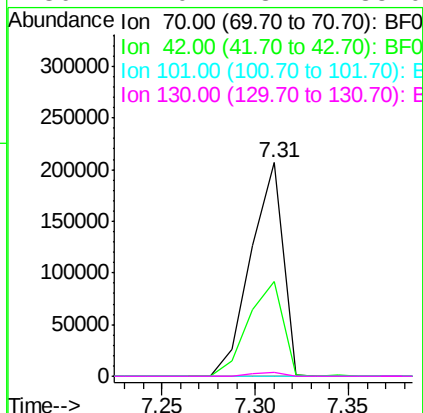
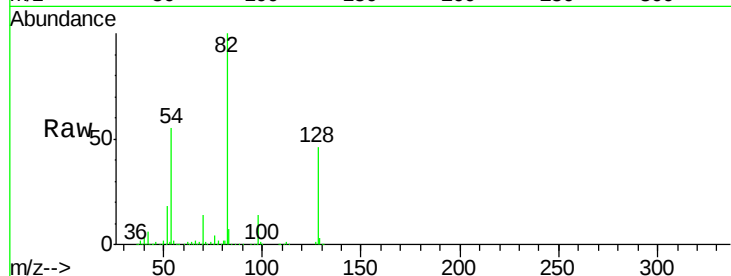




#19
n-Nitroso-di-n-propylamine
Concen: 22.05 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

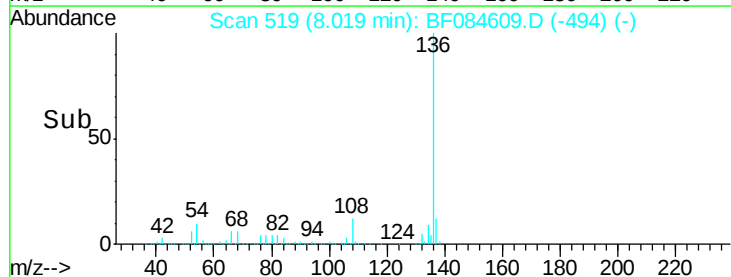
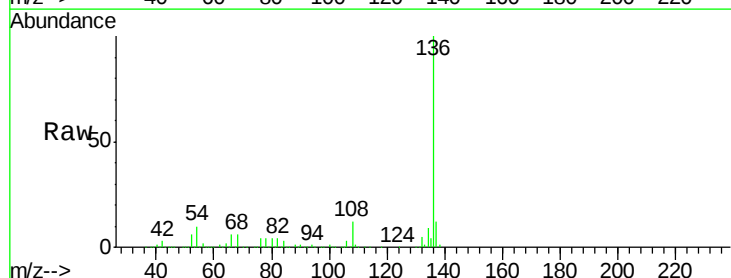
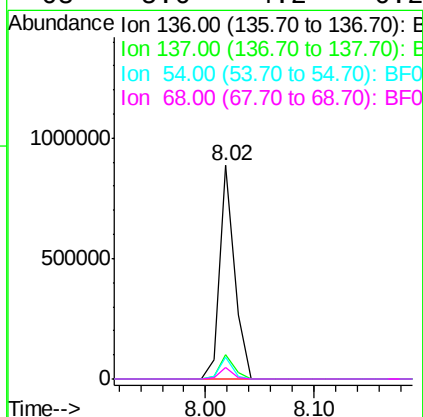
Instrument :
BNA_F
ClientSampleId :

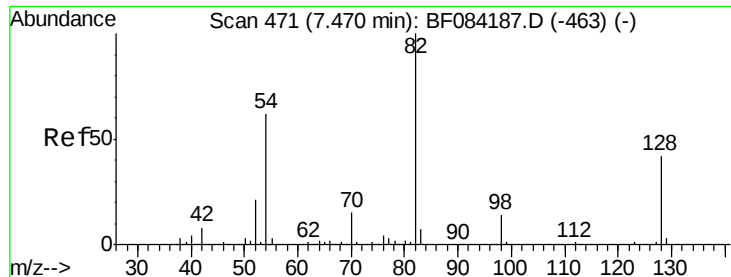
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.5	5.8	8.8#
68	5.6	4.2	6.2



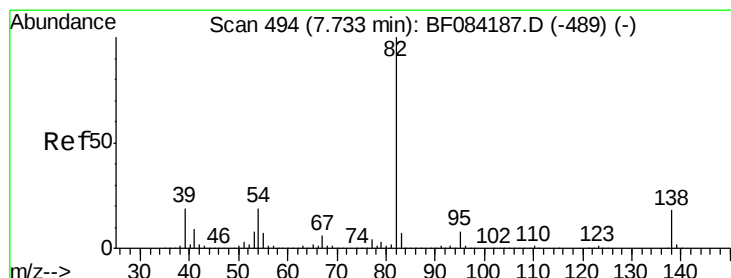
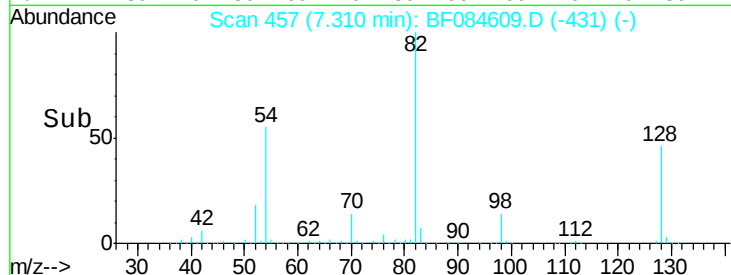
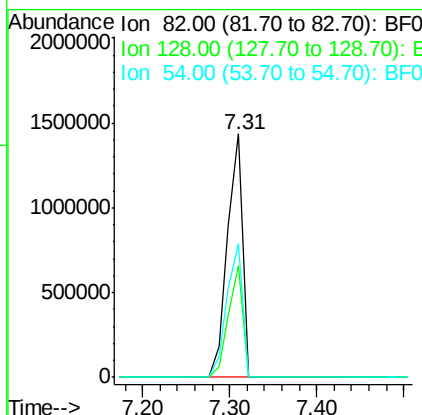
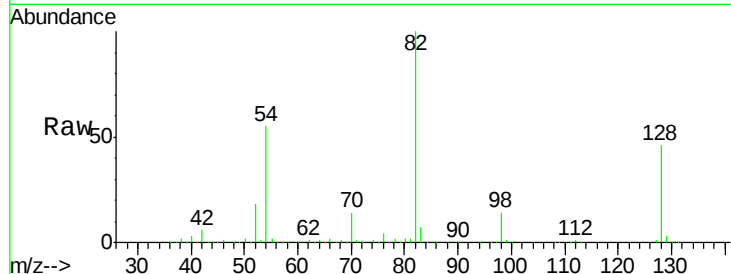


#23
 Nitrobenzene-d5
 Concen: 114.07 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1734709

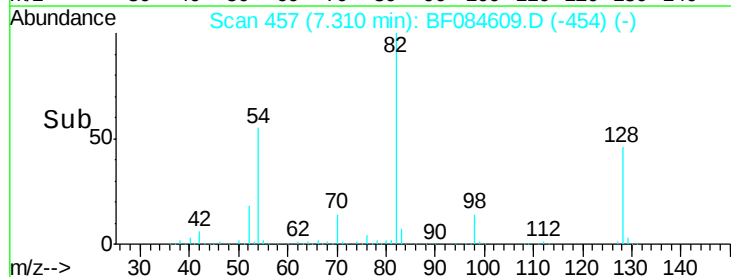
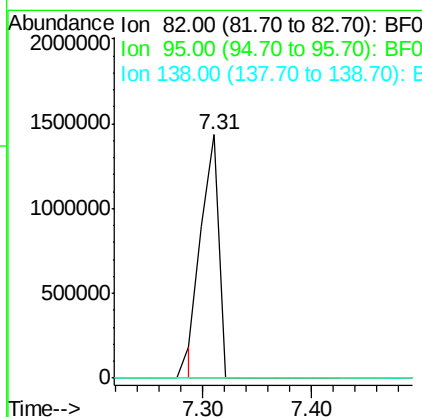
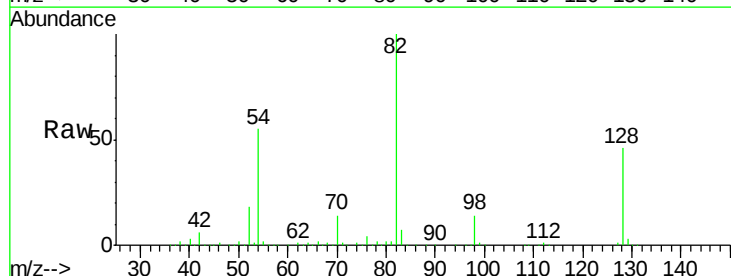
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.6	51.8
54	55.0	38.4	57.6

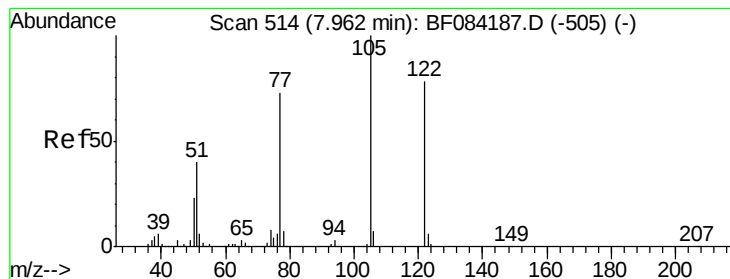


#25
 Isophorone
 Concen: 55.09 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.26 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Tgt Ion: 82 Resp: 1602147

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#





#32

Benzoic acid

Concen: 6.31 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.10 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

Instrument :

BNA_F

ClientSampleId :

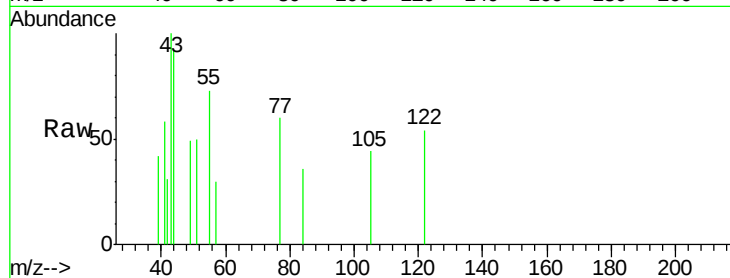
Tot Ion:122 Resp: 671

Ion Ratio Lower Upper

122 100

105 82.9 100.3 140.3#

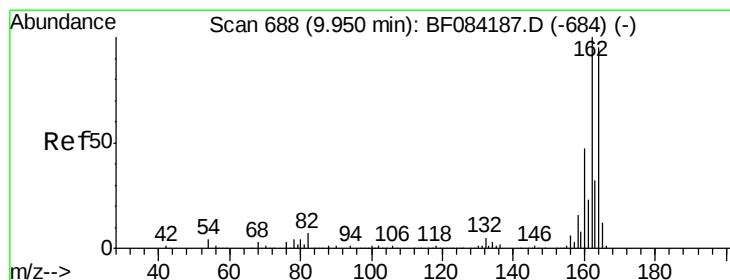
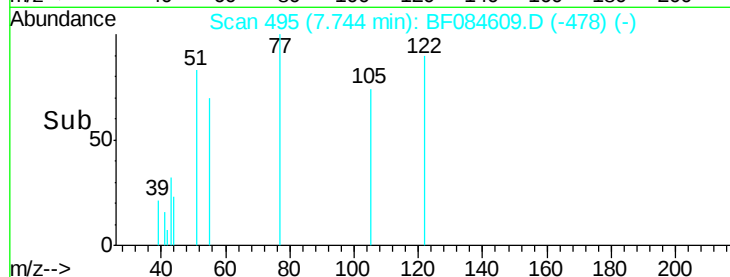
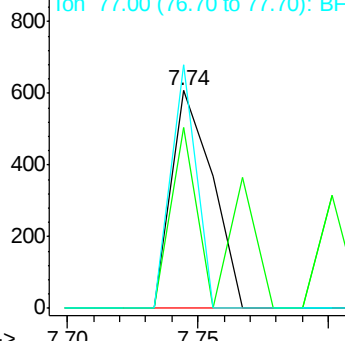
77 111.7 63.5 103.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF084609.D

Acq: 25 Jan 2016 16:09

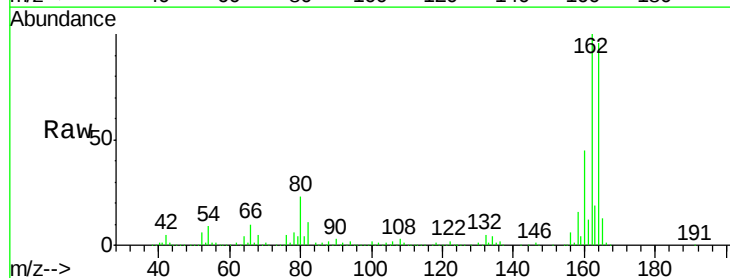
Tgt Ion:164 Resp: 427981

Ion Ratio Lower Upper

164 100

162 103.9 85.1 127.7

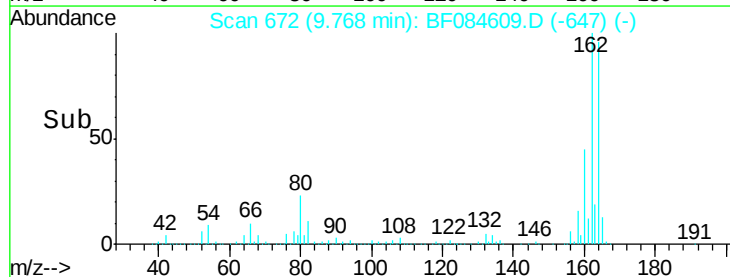
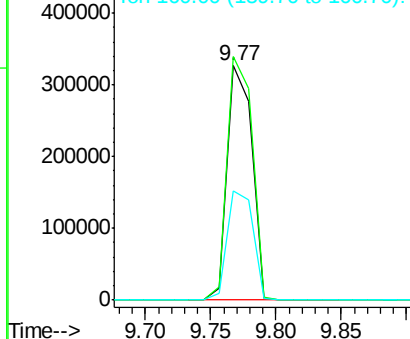
160 46.4 37.5 56.3

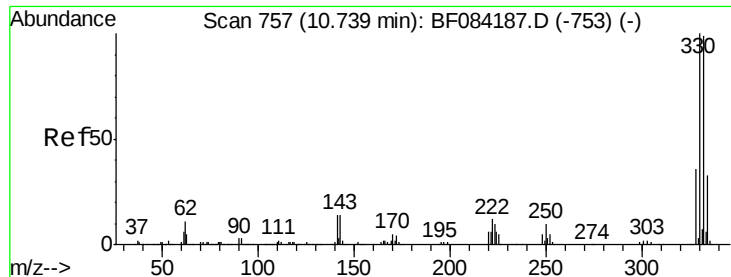


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

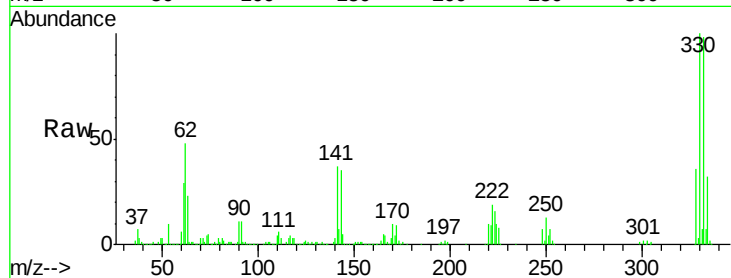




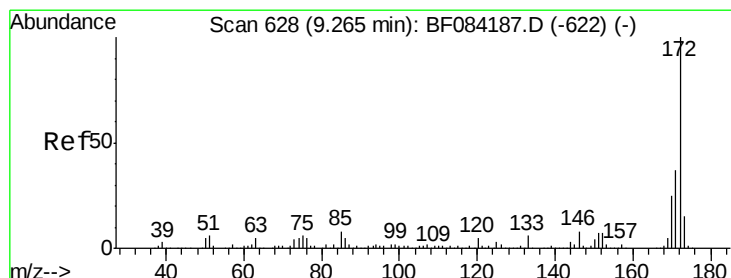
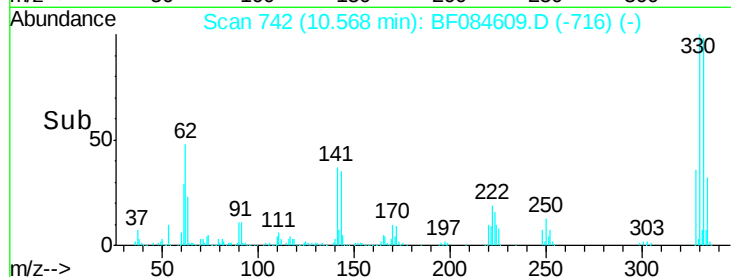
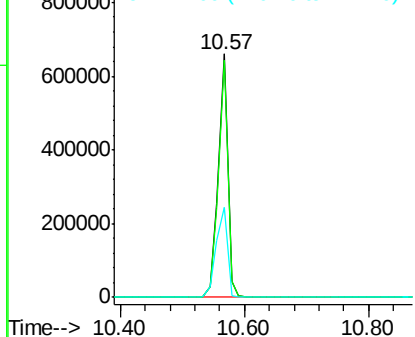
#41
 2,4,6-Tribromophenol
 Concen: 159.69 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 690007
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 43.0 27.8 41.6#

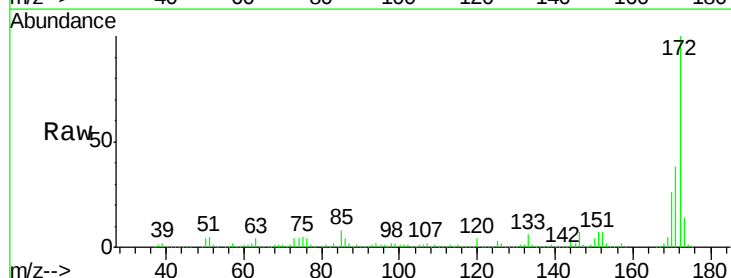


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

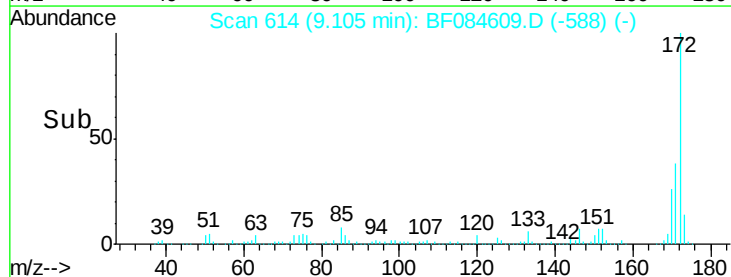
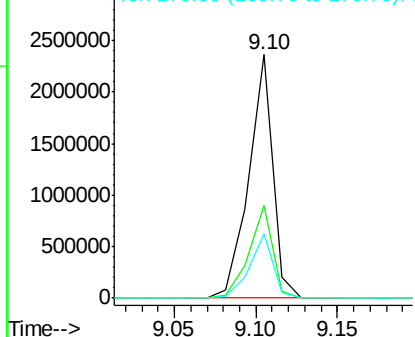


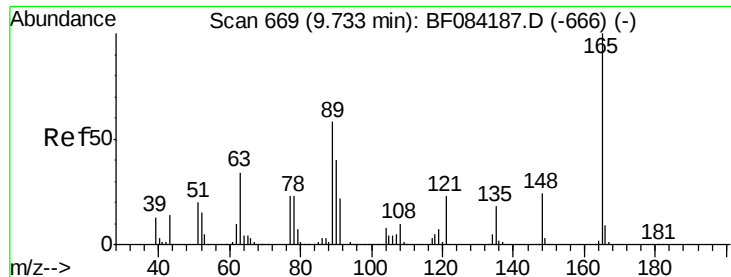
#44
 2-Fluorobiphenyl
 Concen: 100.00 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Tgt Ion:172 Resp: 2405730
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.3 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

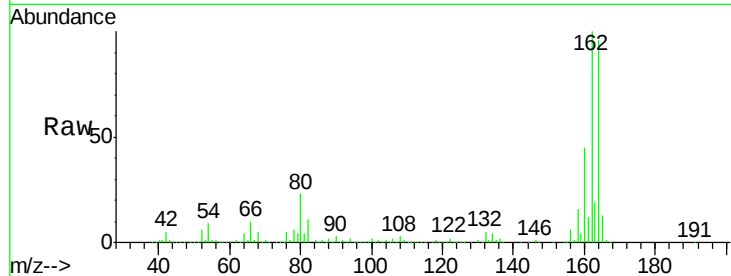




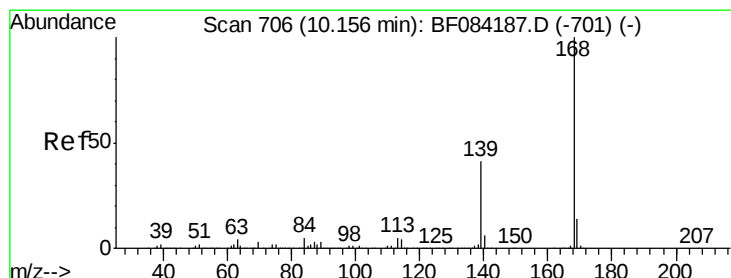
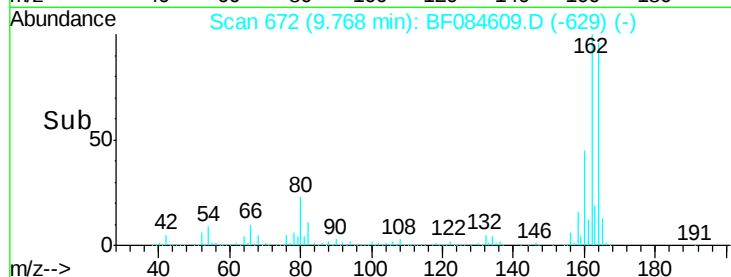
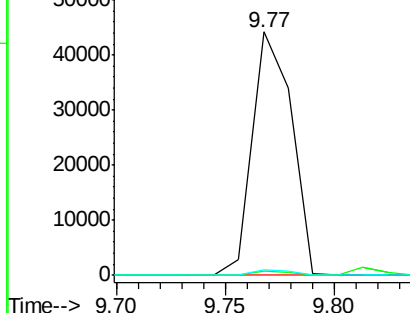
#50
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.19 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	28.8	43.2#
89	2.1	35.1	52.7#

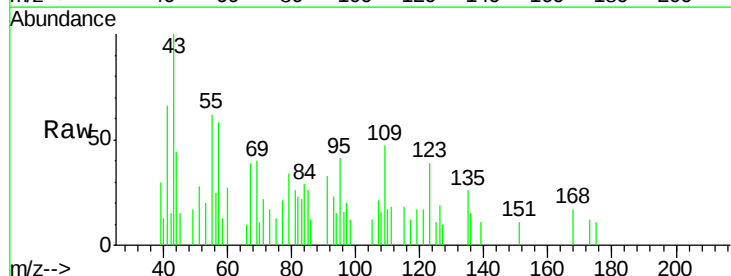


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

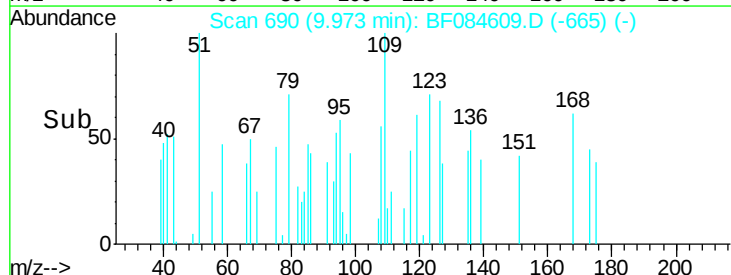
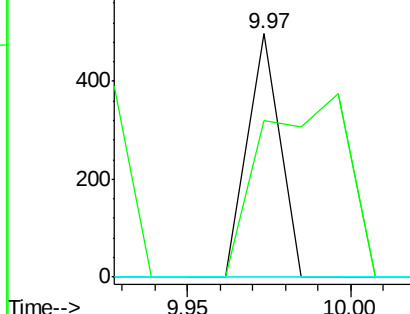


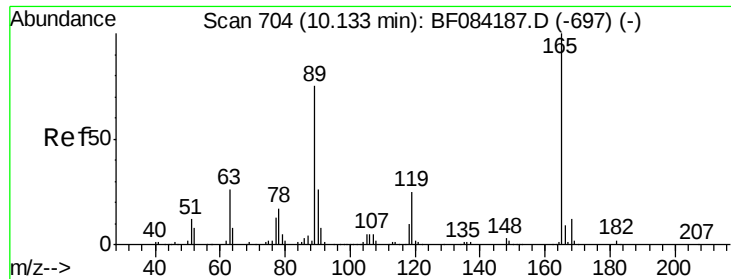
#54
Dibenzofuran
Concen: Below Cal
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	64.3	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

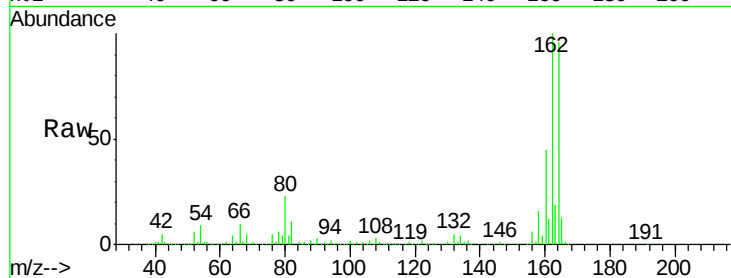




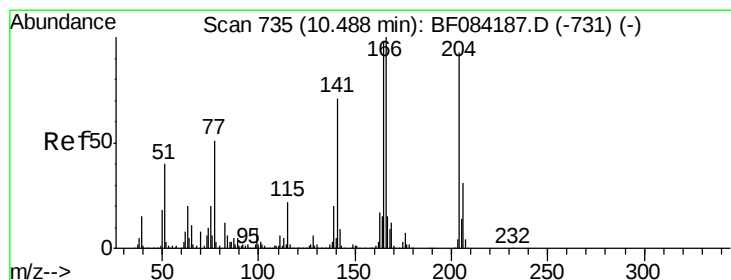
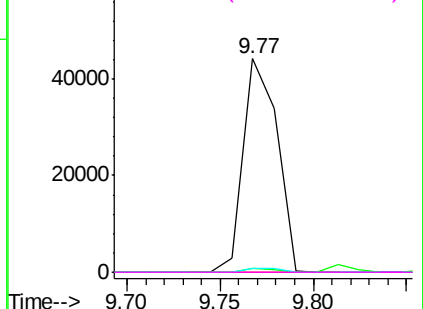
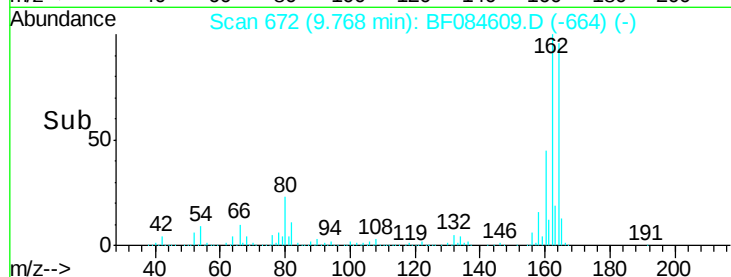
#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 55783
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.7 55.1#
 89 2.1 61.9 92.9#
 182 0.0 2.0 3.0#

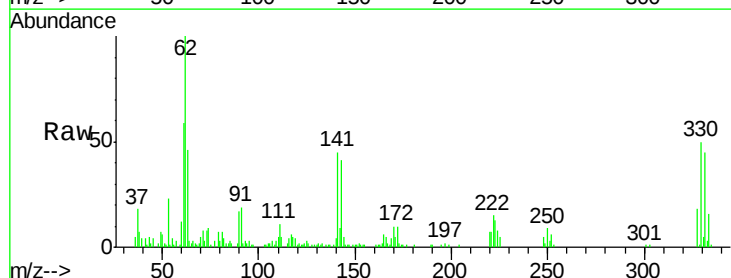


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

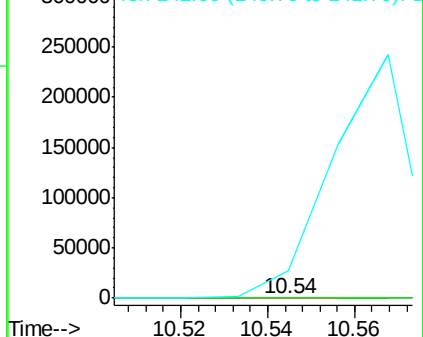
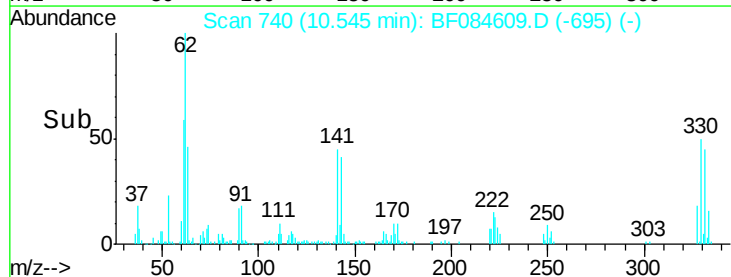


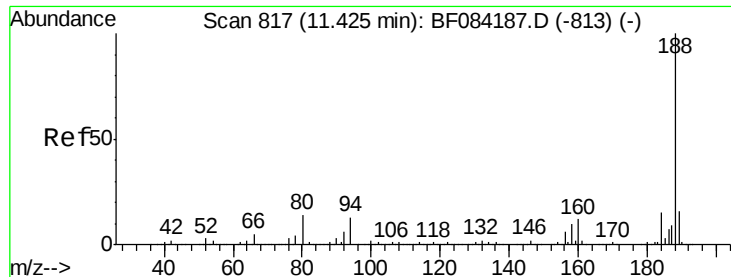
#60
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.54 min Scan# 740
 Delta R.T. 0.22 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Tgt Ion:204 Resp: 210
 Ion Ratio Lower Upper
 204 100
 206 0.0 25.7 38.5#
 141 8894.1 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

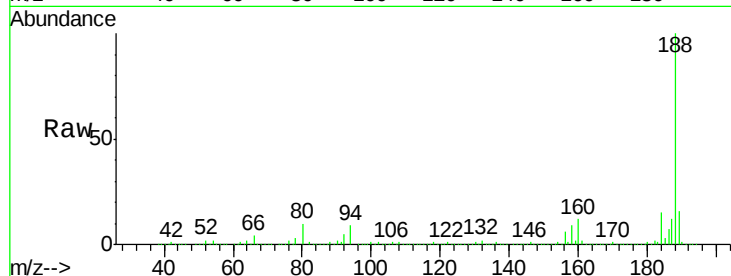




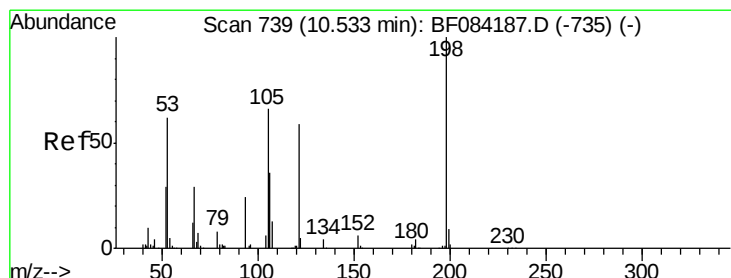
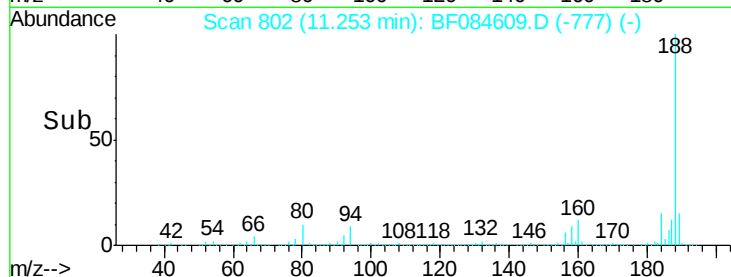
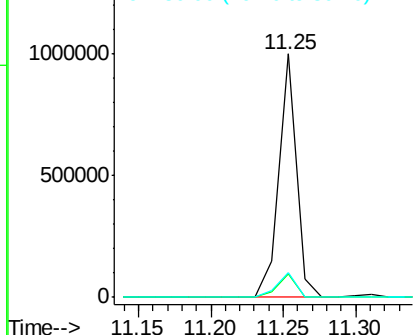
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 845351
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 10.1 9.6 14.4

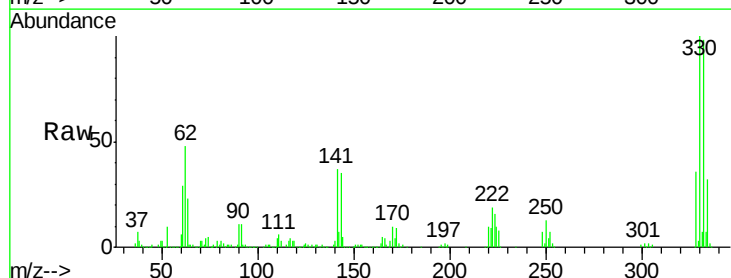


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

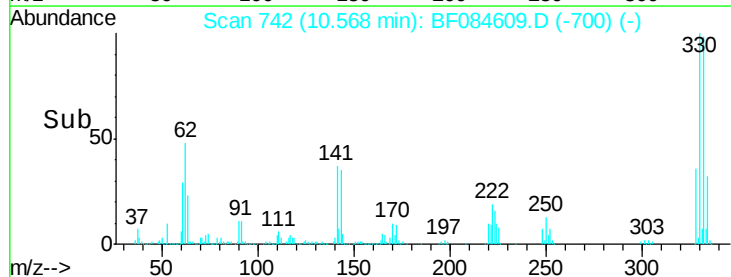
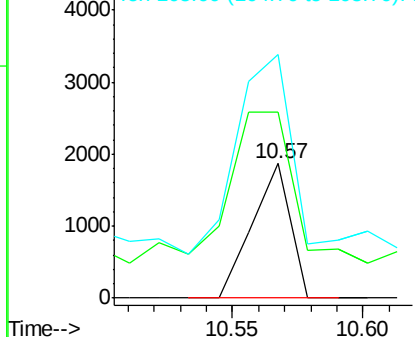


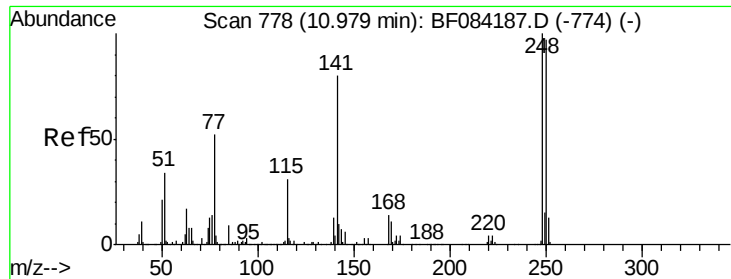
#64
4,6-Dinitro-2-methylphenol
Concen: 6.69 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.18 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

Tgt Ion:198 Resp: 1902
Ion Ratio Lower Upper
198 100
51 138.3 18.9 58.9#
105 181.3 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

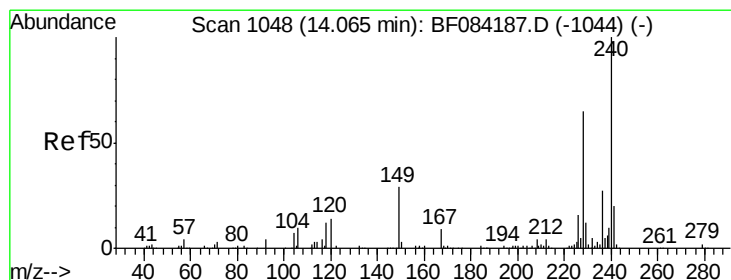
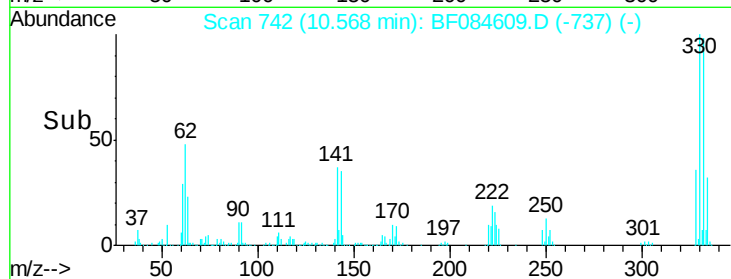
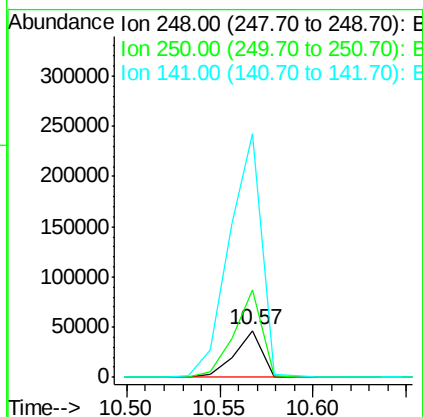
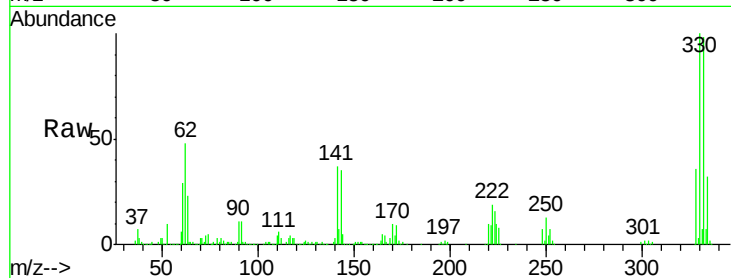




#66
4-Bromophenyl-phenylether
Concen: 5.31 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

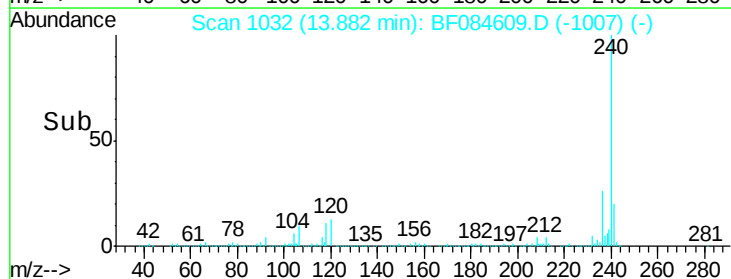
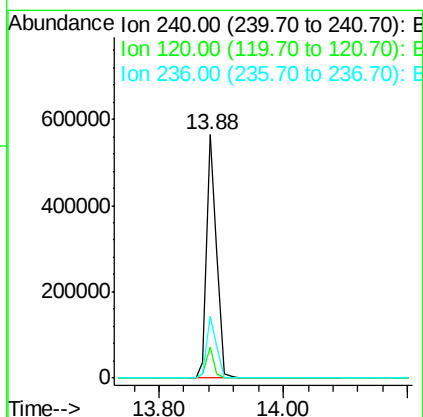
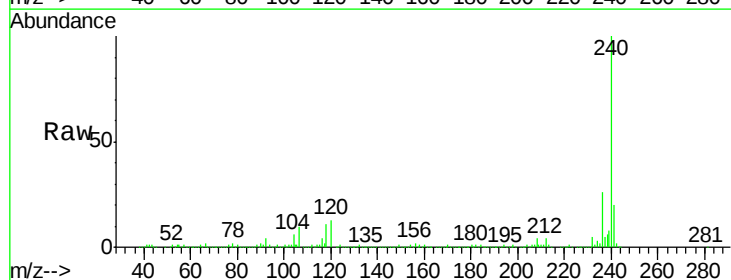
Instrument :
BNA_F
ClientSampleId :

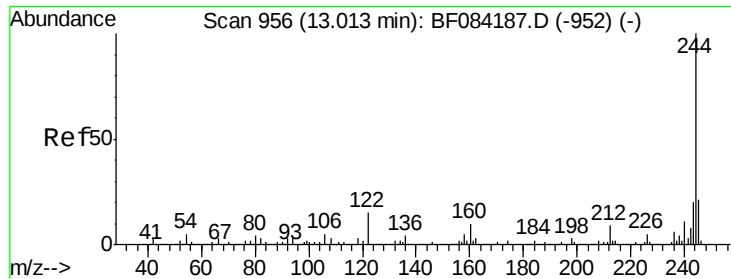
Tot Ion:248 Resp: 48345
Ion Ratio Lower Upper
248 100
250 187.3 78.4 117.6#
141 523.6 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF084609.D
Acq: 25 Jan 2016 16:09

Tgt Ion:240 Resp: 630055
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.6 20.6 31.0

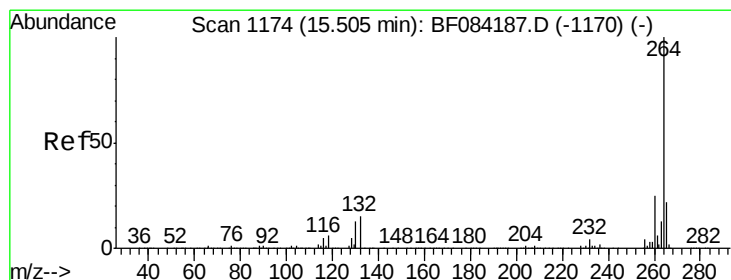
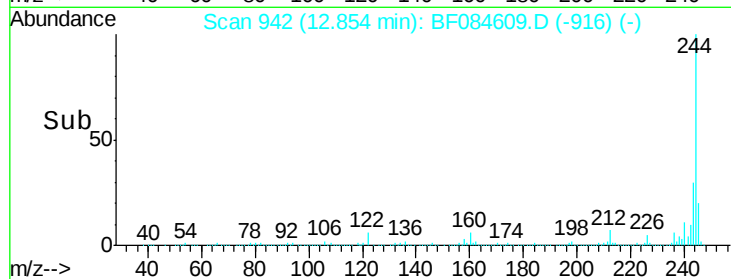
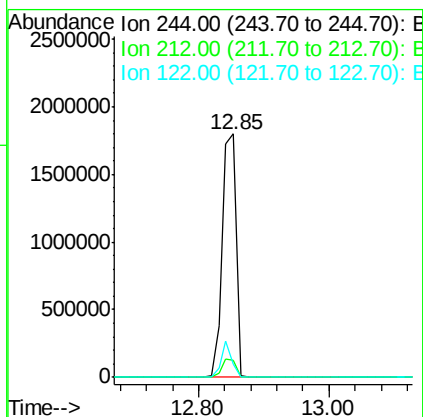
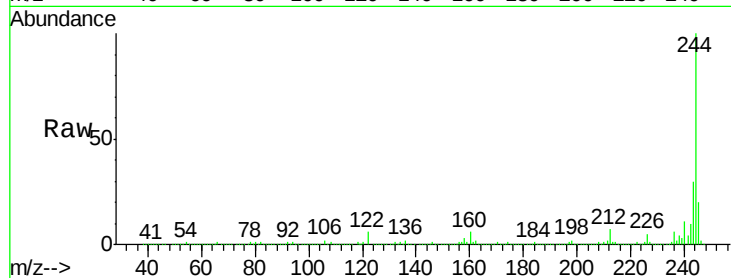




#78
 Terphenyl-d14
 Concen: 96.03 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2710671
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF084609.D
 Acq: 25 Jan 2016 16:09

Tgt Ion:264 Resp: 439726
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.4 17.8 26.6

