

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084290.D
 Acq On : 6 Jan 2016 15:35
 Operator : SJ/UM
 Sample : H1010-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P0-005

Quant Time: Jan 07 00:09:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

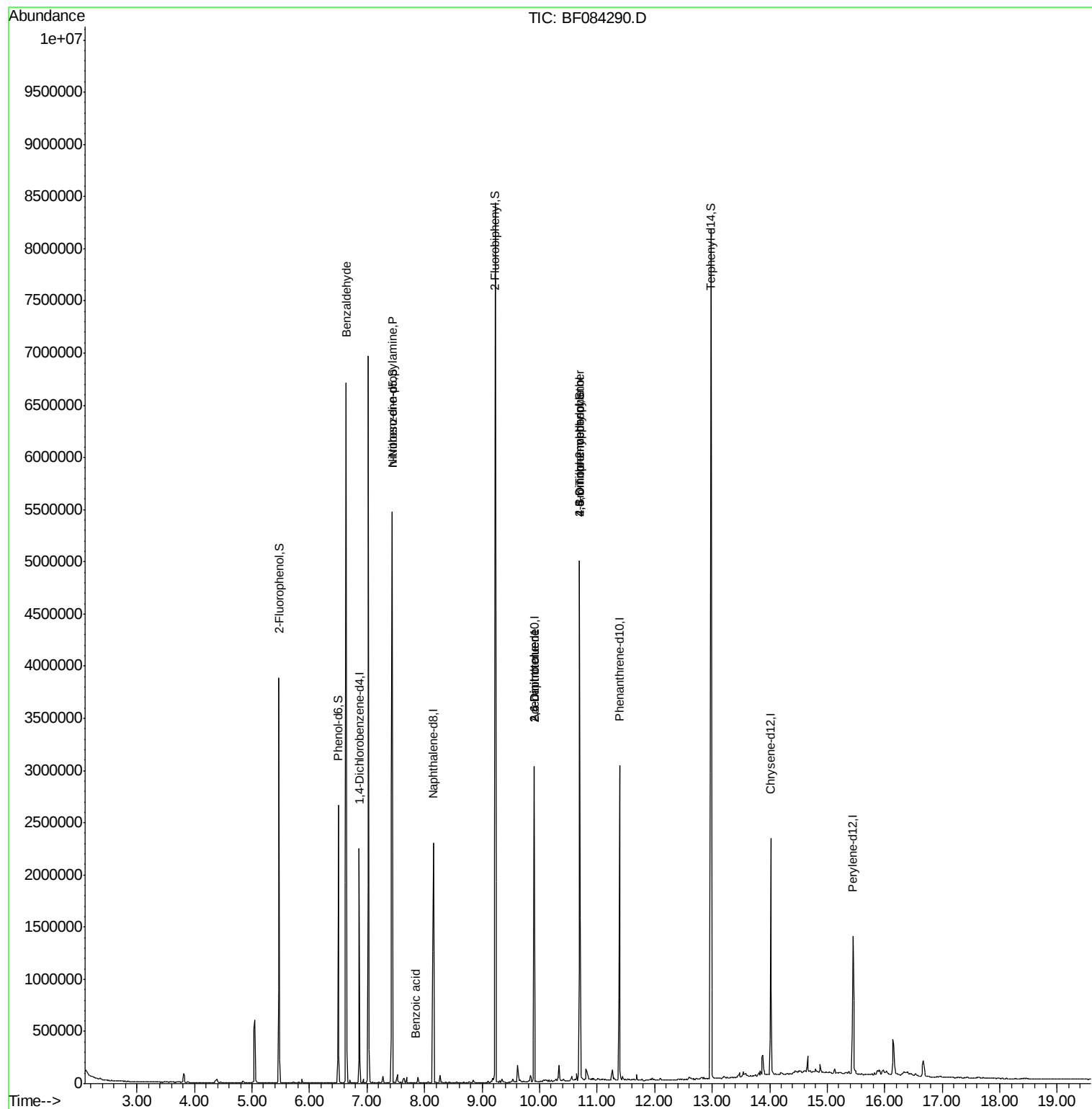
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	285049	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1214383	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	556514	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1044792	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	815106	20.00	ng	-0.05
86) Perylene-d12	15.45	264	636434	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	937623	53.20	ng	-0.02
7) Phenol-d6	6.50	99	722811	32.66	ng	-0.03
23) Nitrobenzene-d5	7.44	82	1938719	88.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	659377	117.36	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2723869	86.19	ng	-0.03
78) Terphenyl-d14	12.98	244	2525115	69.15	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.64	77	43854	3.04	ng	# 73
19) n-Nitroso-di-n-propylamine	7.44	70	280624	18.73	ng	# 70
32) Benzoic acid	7.85	122	299	6.27	ng	# 60
50) 2,6-Dinitrotoluene	9.90	165	70755	8.11	ng	# 38
54) Dibenzofuran	10.11	168	1725	Below Cal		# 82
56) 2,4-Dinitrotoluene	9.90	165	70759	6.41	ng	# 21
57) Fluorene	10.45	166	1478	Below Cal		# 64
64) 4,6-Dinitro-2-methylphenol	10.69	198	1709	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	38894	3.46	ng	# 1
73) Di-n-butylphthalate	11.95	149	7950	Below Cal		# 93

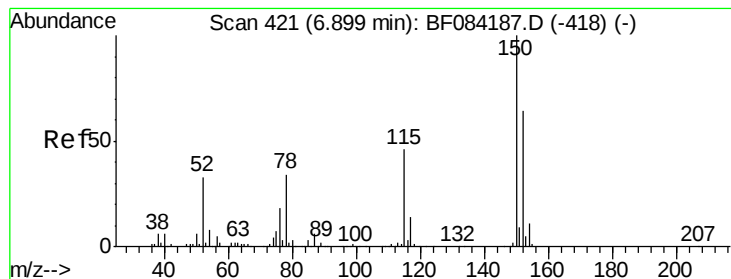
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 07 00:09:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

Instrument :

BNA_F

ClientSampleId :

P0-005

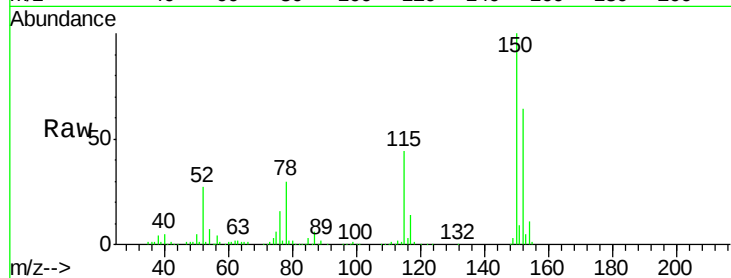
Tgt Ion:152 Resp: 285049

Ion Ratio Lower Upper

152 100

150 155.9 123.0 184.4

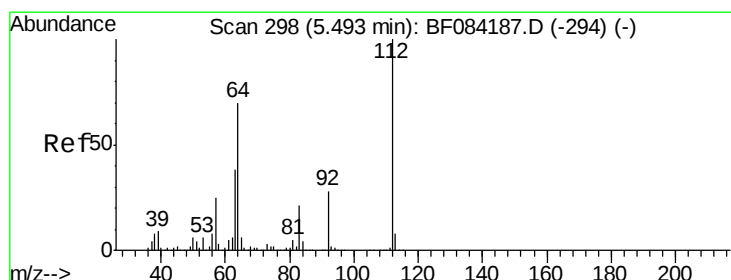
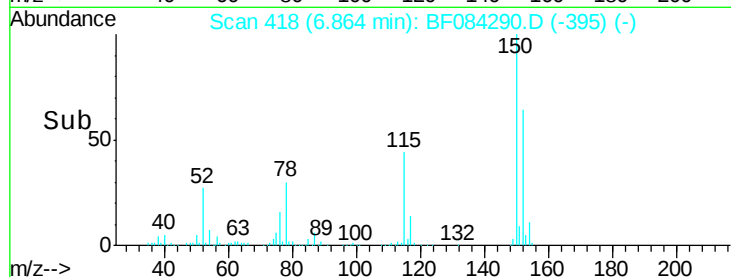
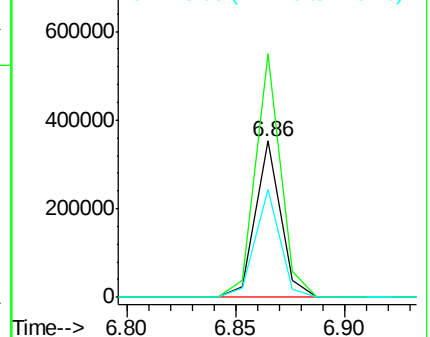
115 69.2 51.4 77.2



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: 53.20 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

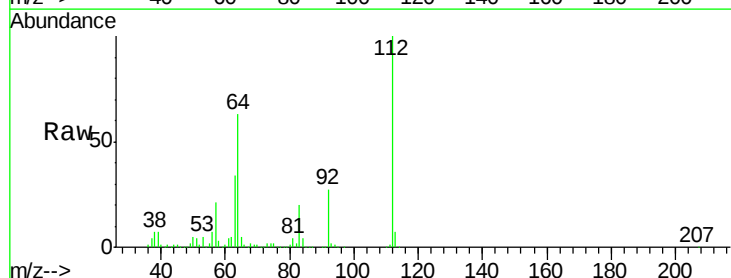
Tgt Ion:112 Resp: 937623

Ion Ratio Lower Upper

112 100

64 62.6 36.6 55.0#

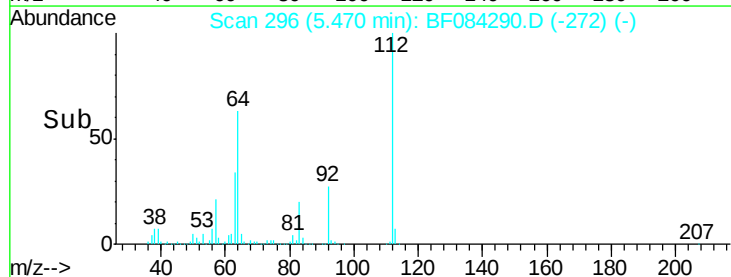
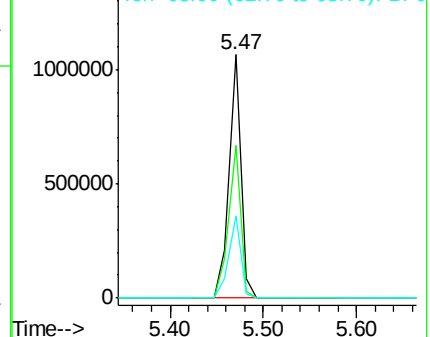
63 33.6 19.4 29.0#

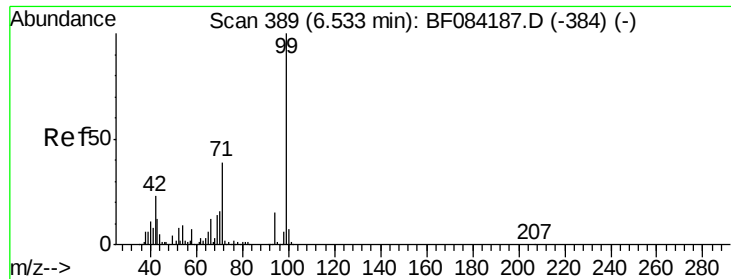


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.66 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

Instrument :

BNA_F

ClientSampleId :

P0-005

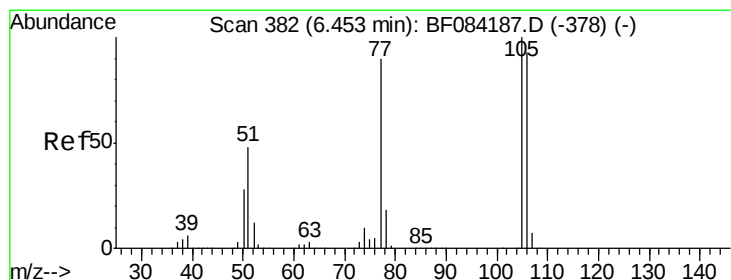
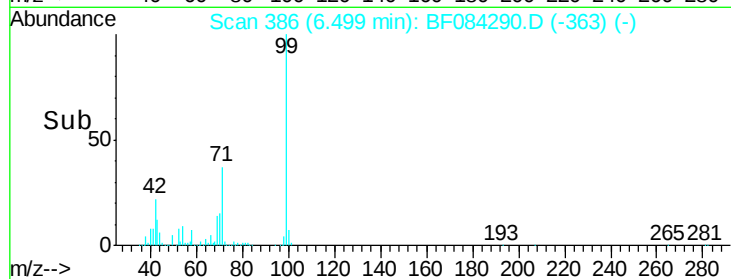
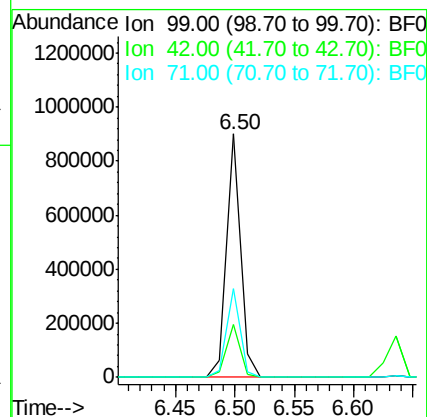
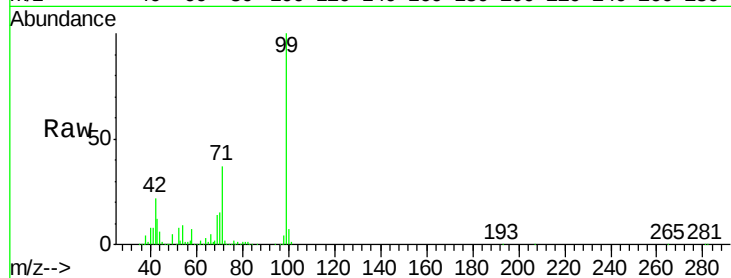
Tgt Ion: 99 Resp: 722811

Ion Ratio Lower Upper

99 100

42 21.6 12.8 19.2#

71 36.6 30.9 46.3



#9

Benzaldehyde

Concen: 3.04 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.18 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

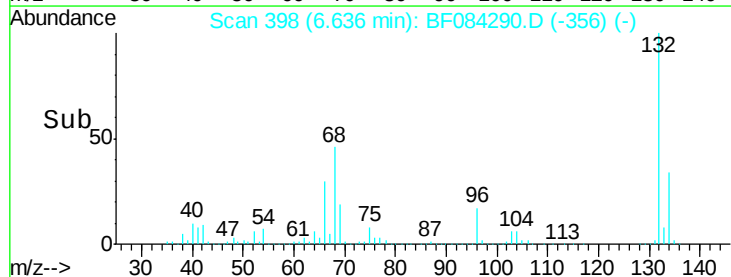
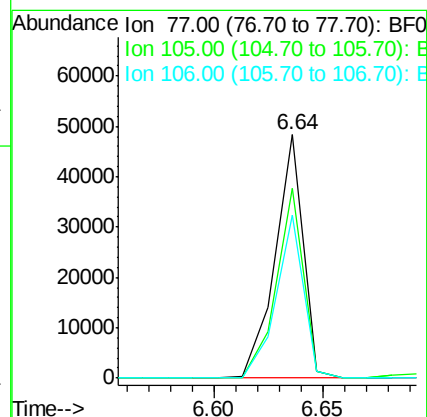
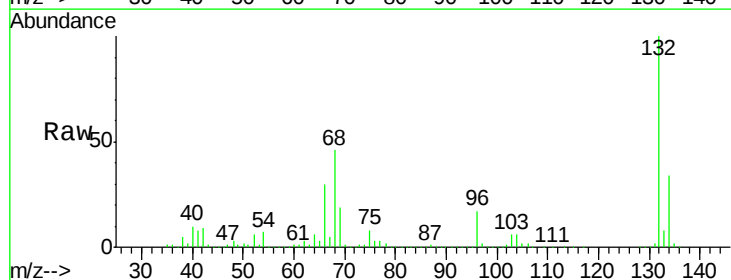
Tgt Ion: 77 Resp: 43854

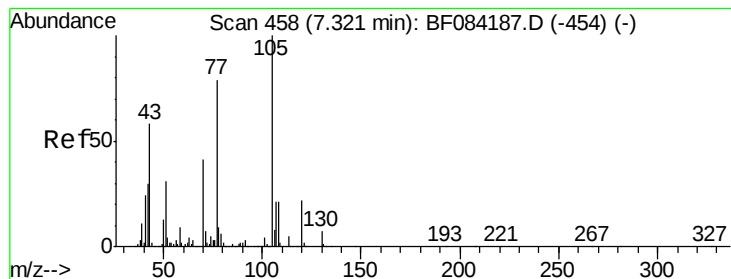
Ion Ratio Lower Upper

77 100

105 78.0 83.0 123.0#

106 66.9 74.6 114.6#





#19

n-Nitroso-di-n-propylamine

Concen: 18.73 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

Instrument :

BNA_F

ClientSampleId :

P0-005

Tgt Ion: 70 Resp: 280624

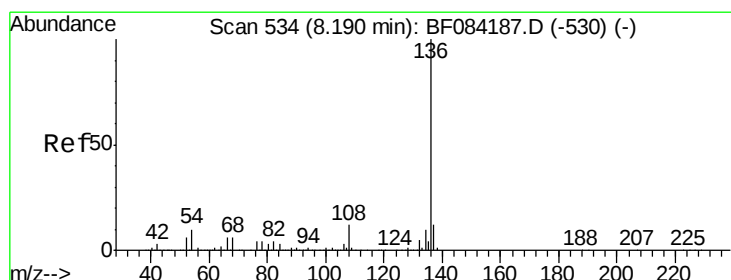
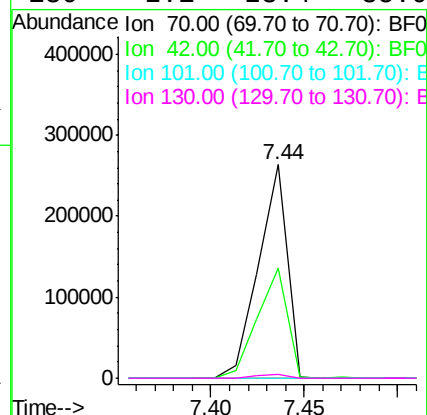
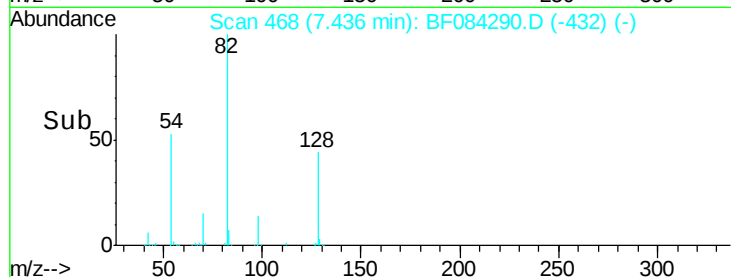
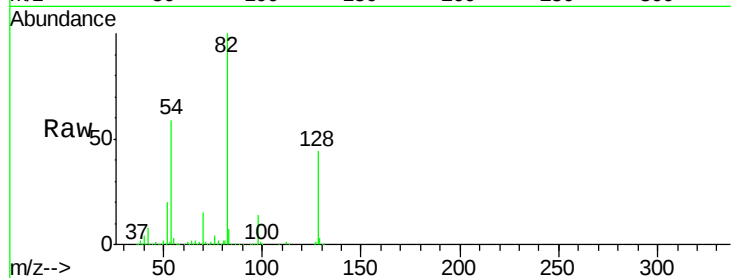
Ion Ratio Lower Upper

70 100

42 51.6 33.3 49.9#

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

Tgt Ion:136 Resp: 1214383

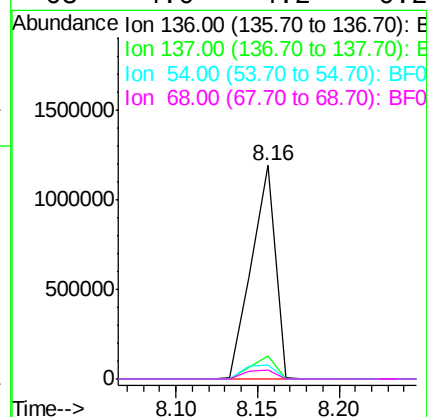
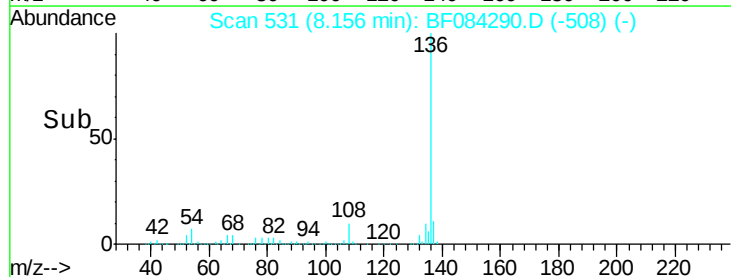
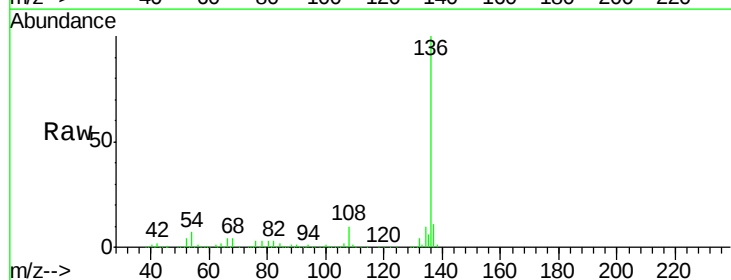
Ion Ratio Lower Upper

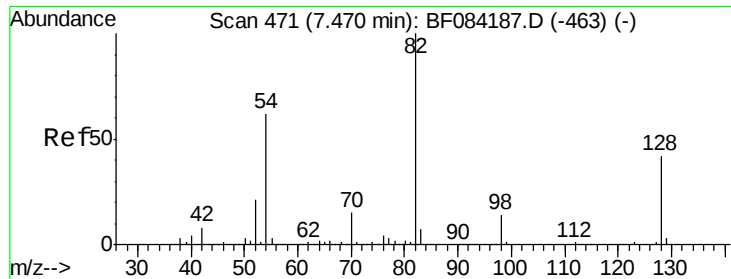
136 100

137 11.1 8.7 13.1

54 6.8 5.8 8.8

68 4.0 4.2 6.2#

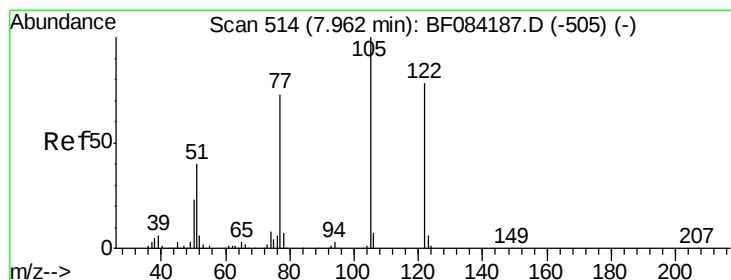
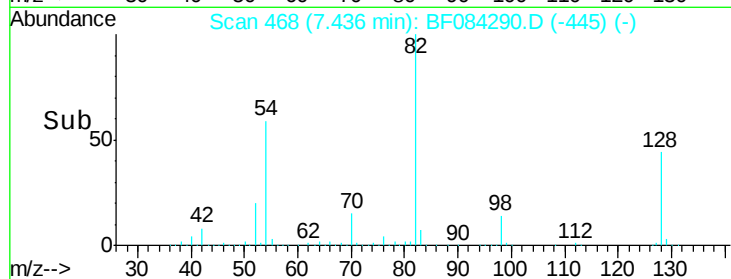
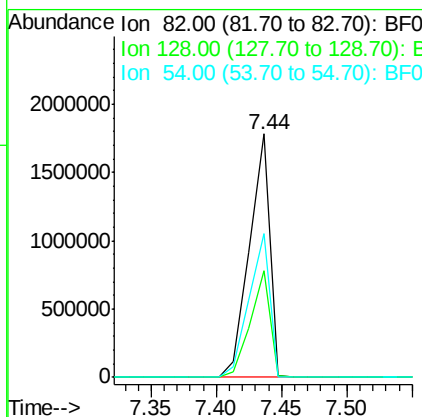
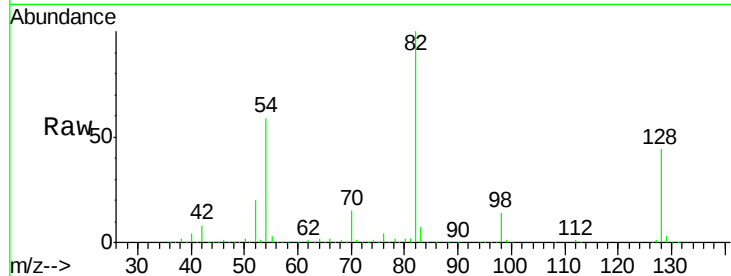




#23
 Nitrobenzene-d5
 Concen: 88.85 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084290.D
 Acq: 6 Jan 2016 15:35

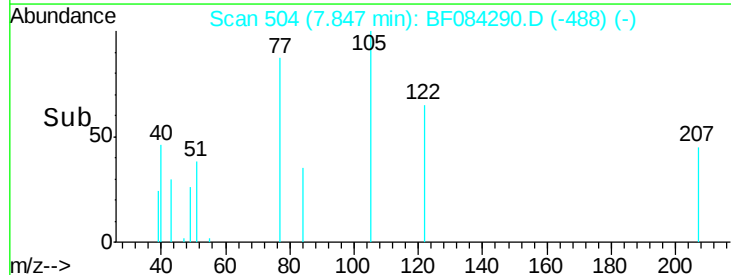
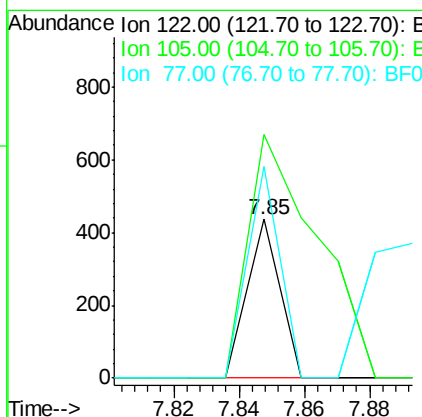
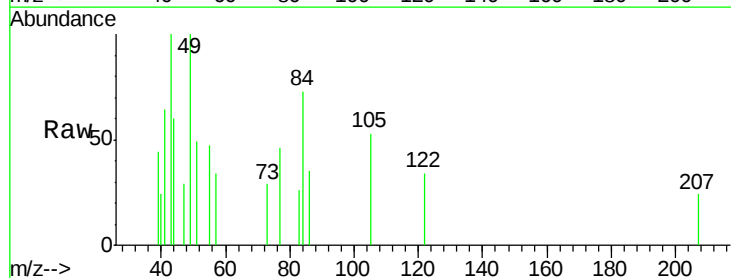
Instrument :
 BNA_F
 ClientSampleId :
 P0-005

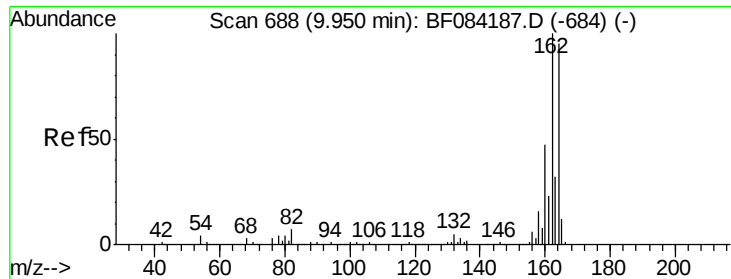
Tgt Ion: 82 Resp: 1938719
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 51.8
 54 59.0 38.4 57.6#



#32
 Benzoic acid
 Concen: 6.27 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.11 min
 Lab File: BF084290.D
 Acq: 6 Jan 2016 15:35

Tgt Ion: 122 Resp: 299
 Ion Ratio Lower Upper
 122 100
 105 153.4 100.3 140.3#
 77 133.5 63.5 103.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

Instrument :

BNA_F

ClientSampleId :

P0-005

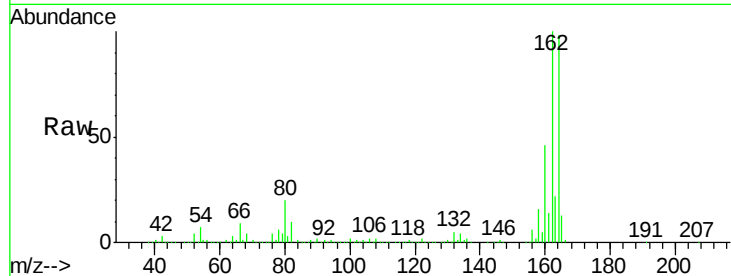
Tgt Ion:164 Resp: 556514

Ion Ratio Lower Upper

164 100

162 102.3 85.1 127.7

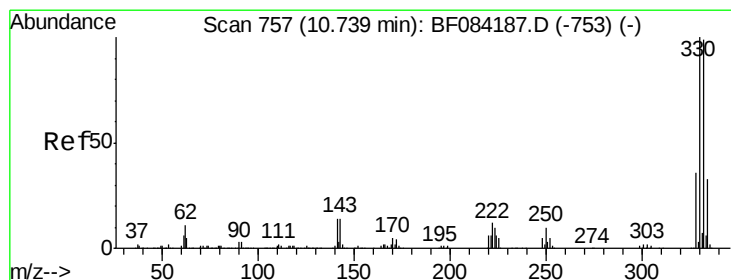
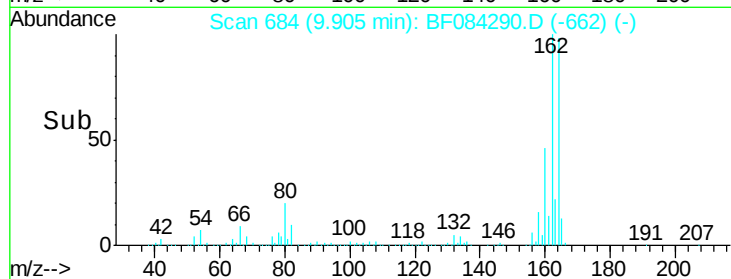
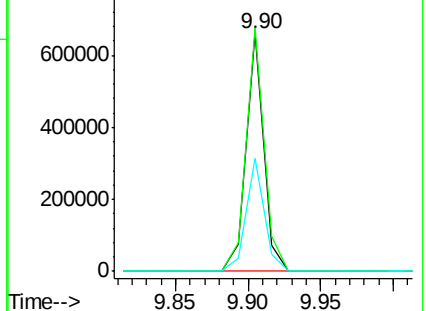
160 47.5 37.5 56.3



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: 117.36 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

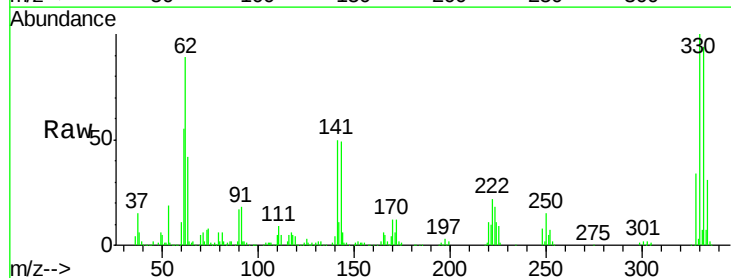
Tgt Ion:330 Resp: 659377

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

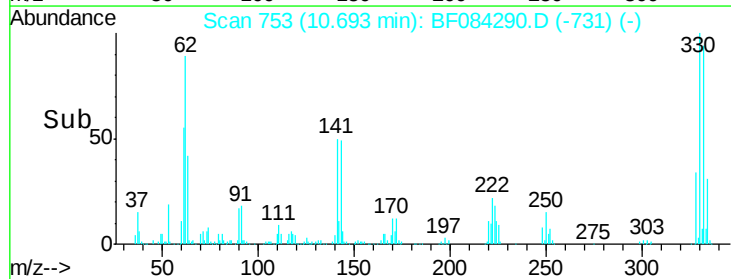
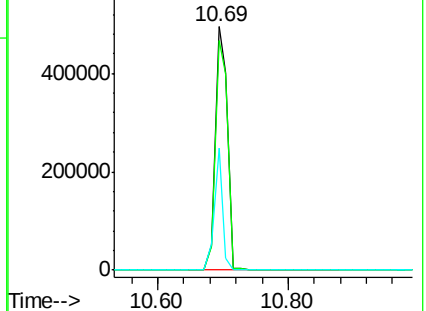
141 34.4 27.8 41.6

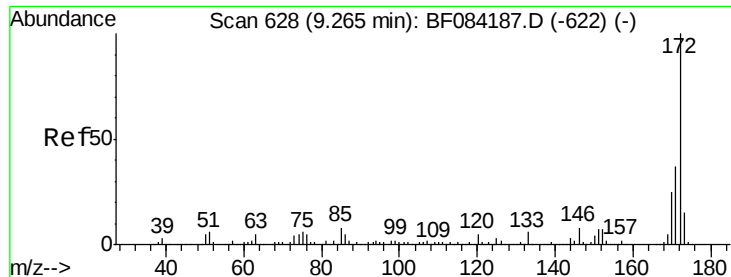


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

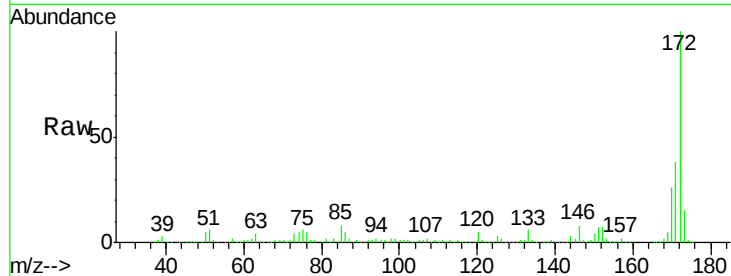




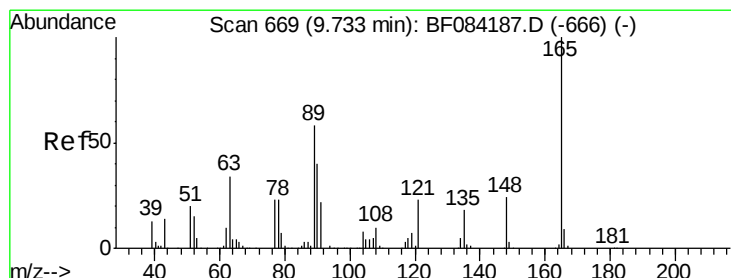
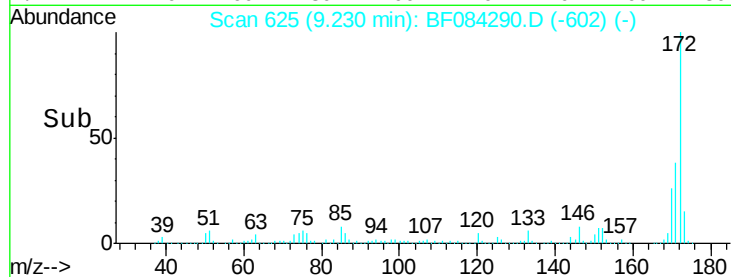
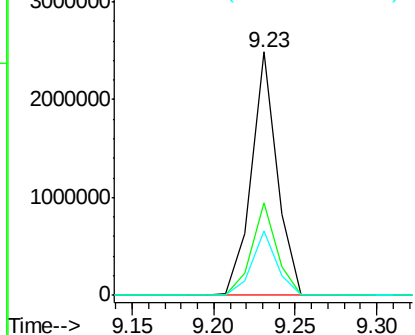
#44
2-Fluorobiphenyl
Concen: 86.19 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084290.D
Acq: 6 Jan 2016 15:35

Instrument :
BNA_F
ClientSampleId :
P0-005

Tgt Ion:172 Resp: 2723869
Ion Ratio Lower Upper
172 100
171 38.2 28.9 43.3
170 26.4 18.6 27.8

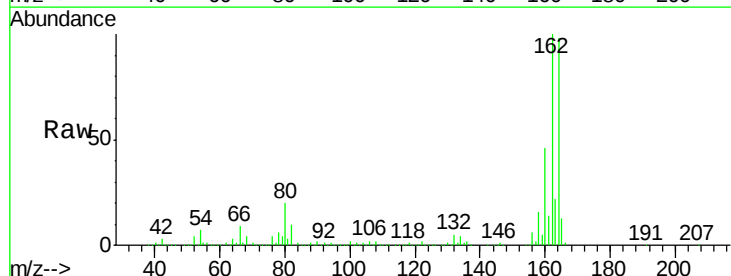


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

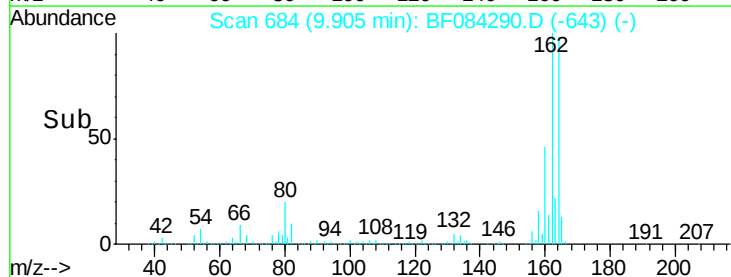
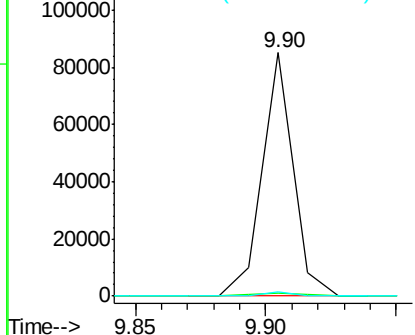


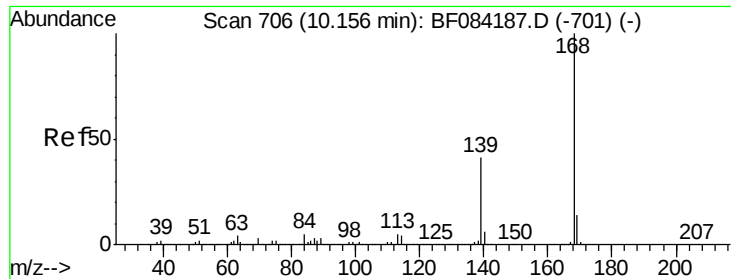
#50
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.17 min
Lab File: BF084290.D
Acq: 6 Jan 2016 15:35

Tgt Ion:165 Resp: 70755
Ion Ratio Lower Upper
165 100
63 1.3 28.8 43.2#
89 1.7 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

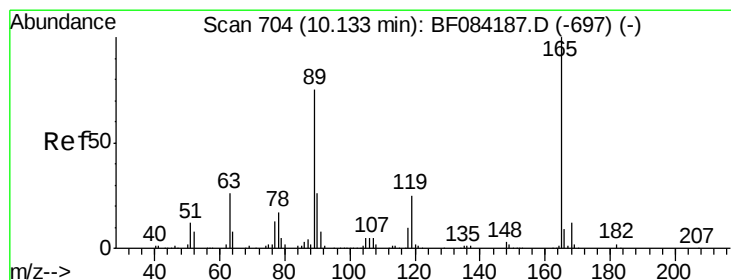
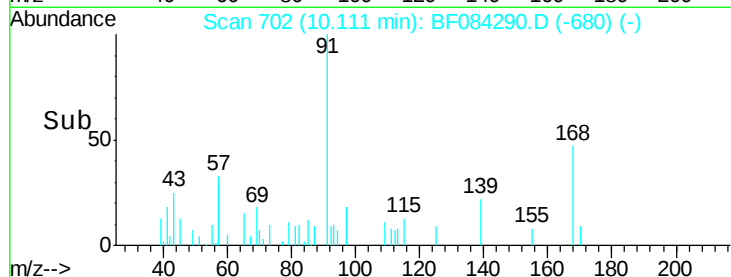
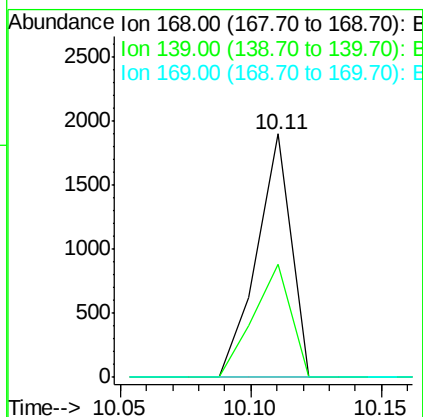
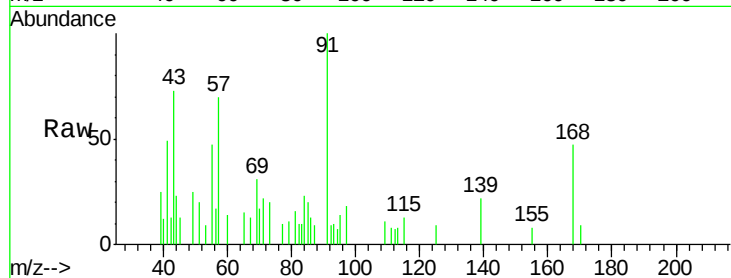




#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084290.D
Acq: 6 Jan 2016 15:35

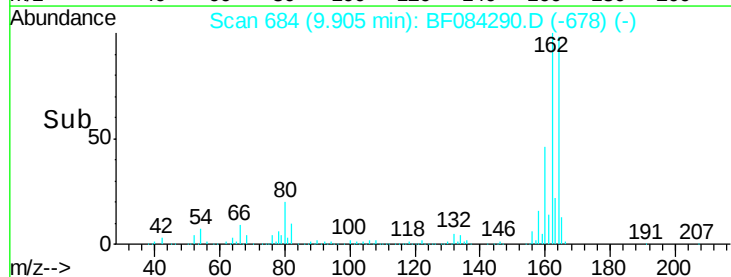
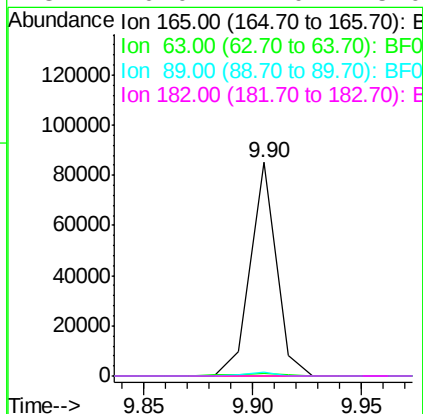
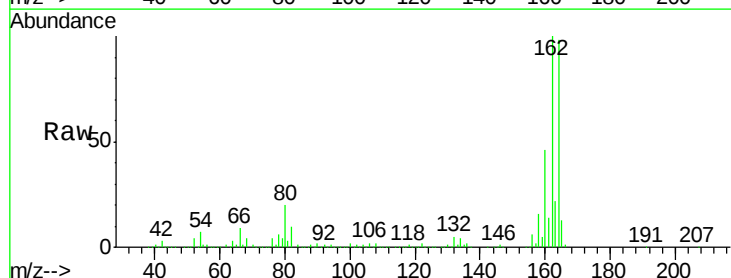
Instrument :
BNA_F
ClientSampled :
P0-005

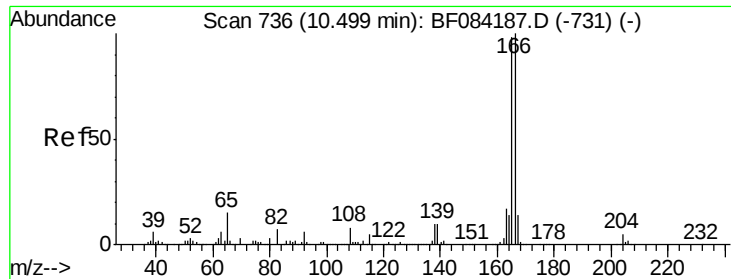
Tgt Ion:168 Resp: 1725
Ion Ratio Lower Upper
168 100
139 46.3 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084290.D
Acq: 6 Jan 2016 15:35

Tgt Ion:165 Resp: 70759
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.7 61.9 92.9#
182 0.0 2.0 3.0#

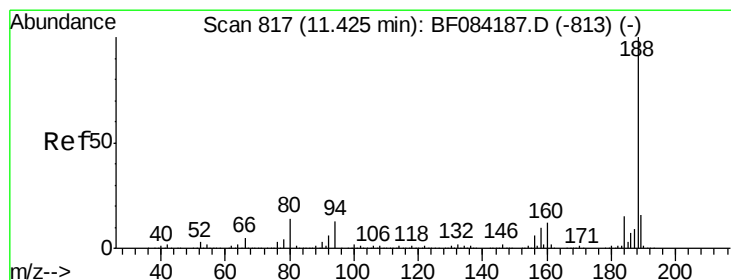
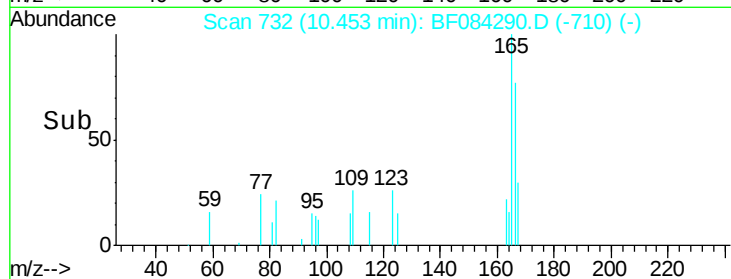
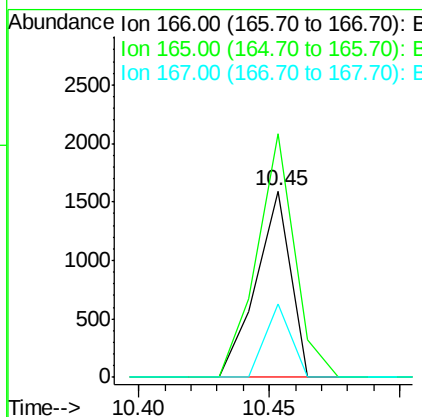
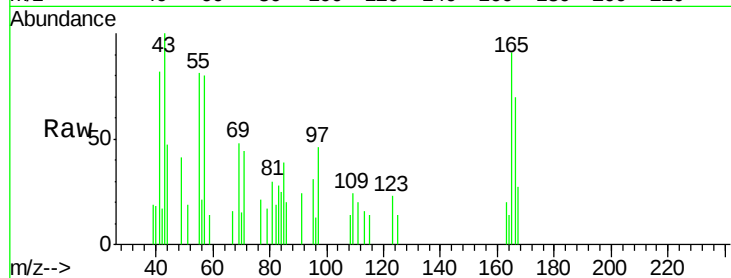




#57
 Fluorene
 Concen: Below Cal
 RT: 10.45 min Scan# 732
 Delta R.T. -0.04 min
 Lab File: BF084290.D
 Acq: 6 Jan 2016 15:35

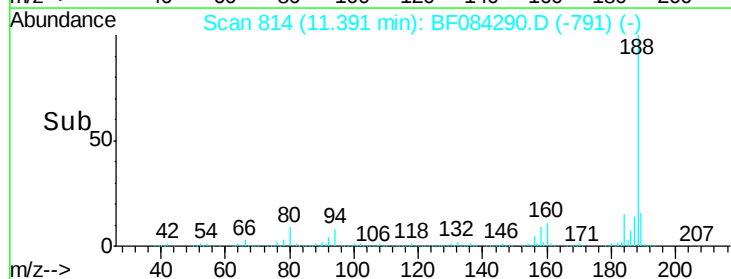
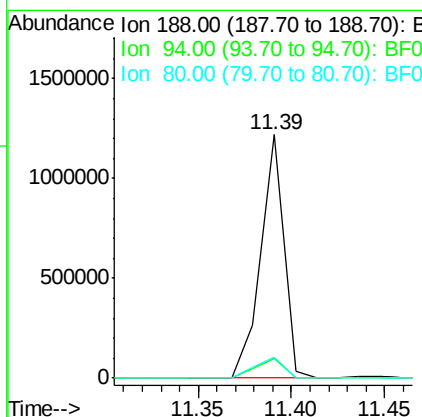
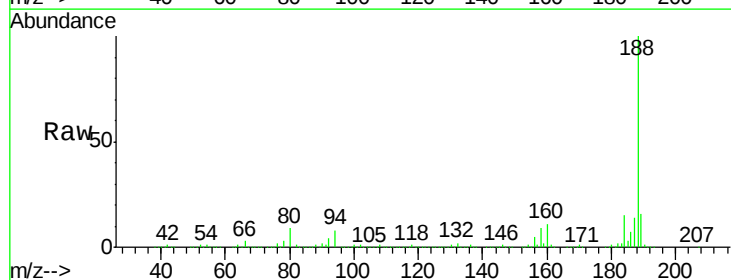
Instrument :
 BNA_F
 ClientSampled :
 P0-005

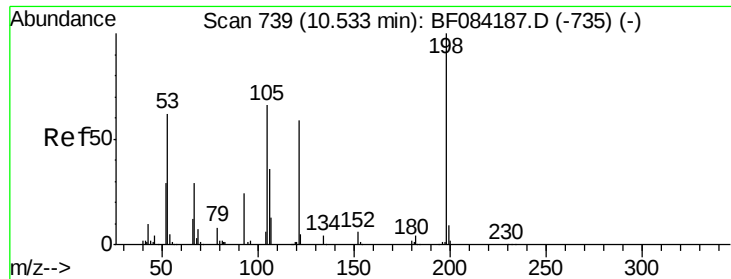
Tgt Ion:166 Resp: 1478
 Ion Ratio Lower Upper
 166 100
 165 130.5 79.1 118.7#
 167 39.2 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF084290.D
 Acq: 6 Jan 2016 15:35

Tgt Ion:188 Resp: 1044792
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.0 13.4#
 80 8.7 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.62 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

Instrument :

BNA_F

ClientSampleId :

P0-005

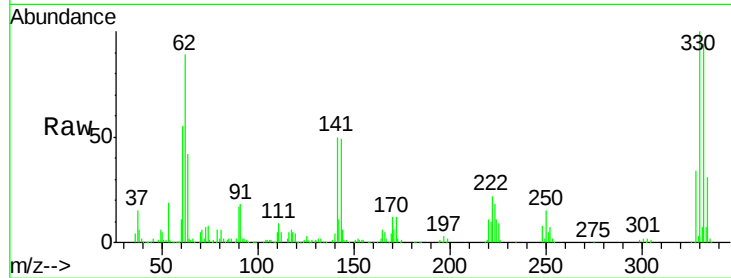
Tgt Ion:198 Resp: 1709

Ion Ratio Lower Upper

198 100

51 231.5 18.9 58.9#

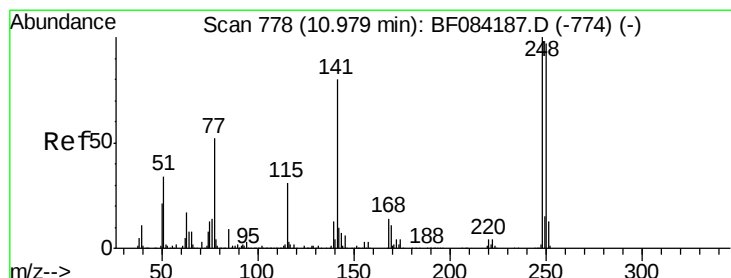
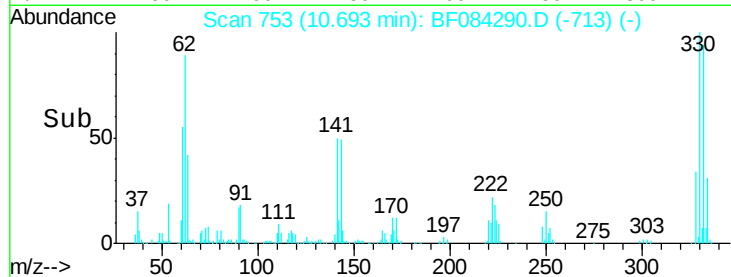
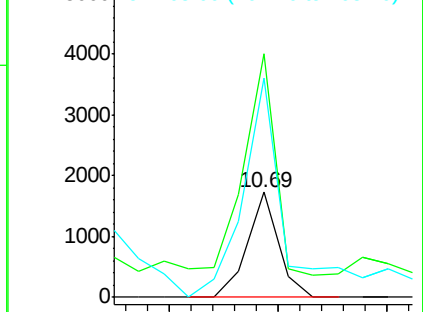
105 208.4 26.4 66.4#



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: 3.46 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.29 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

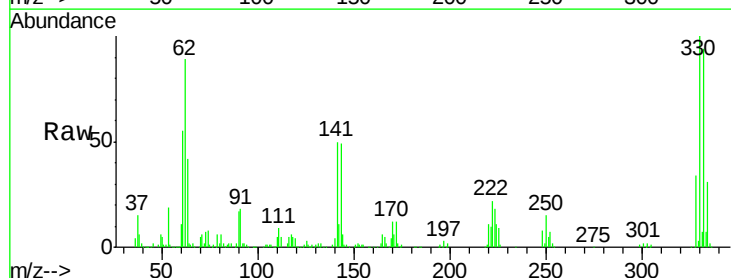
Tgt Ion:248 Resp: 38894

Ion Ratio Lower Upper

248 100

250 194.4 78.4 117.6#

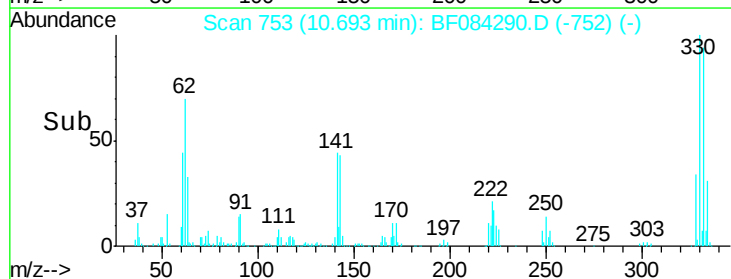
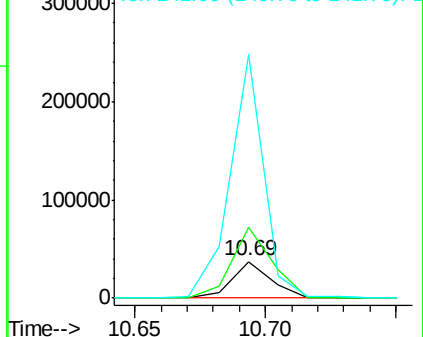
141 666.9 44.0 66.0#

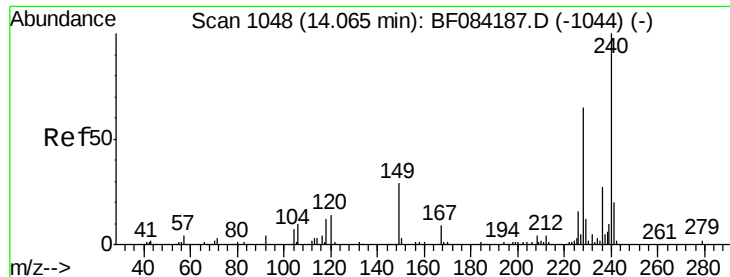


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

Instrument :

BNA_F

ClientSampleId :

P0-005

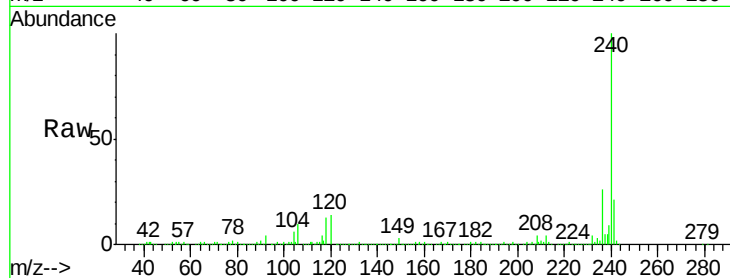
Tgt Ion:240 Resp: 815106

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

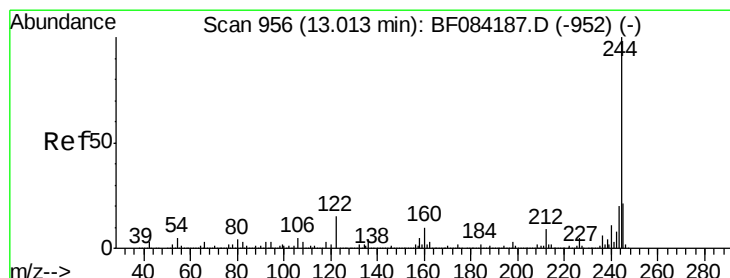
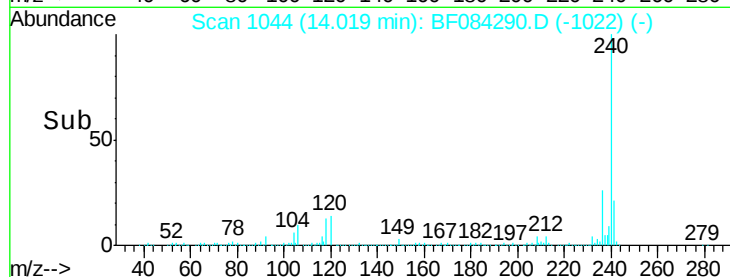
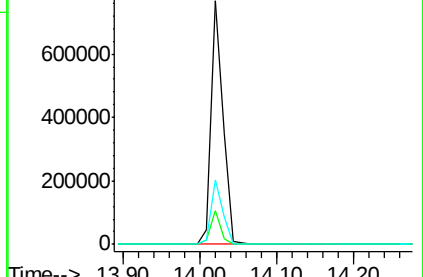
236 26.3 20.6 31.0



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: 69.15 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084290.D

Acq: 6 Jan 2016 15:35

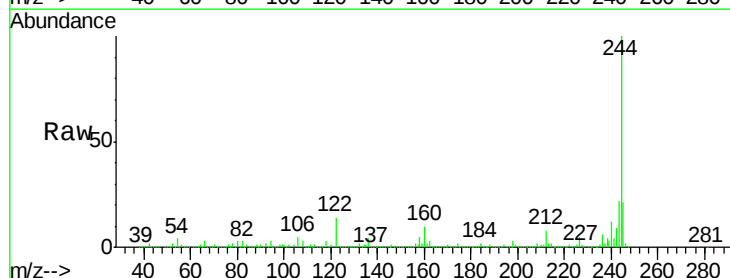
Tgt Ion:244 Resp: 2525115

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

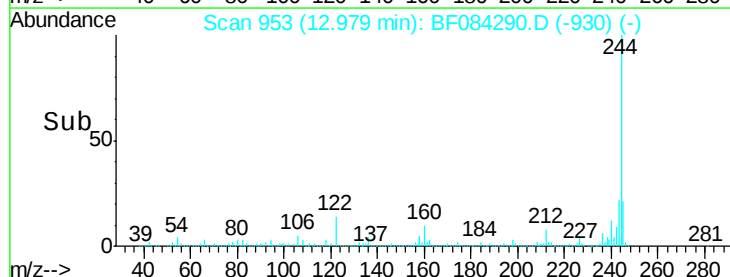
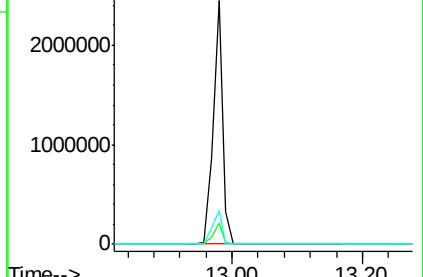
122 13.9 7.4 11.0#

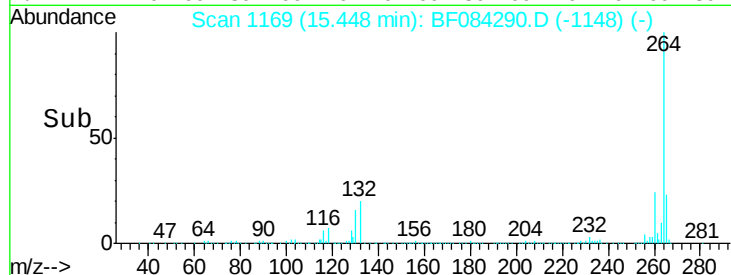
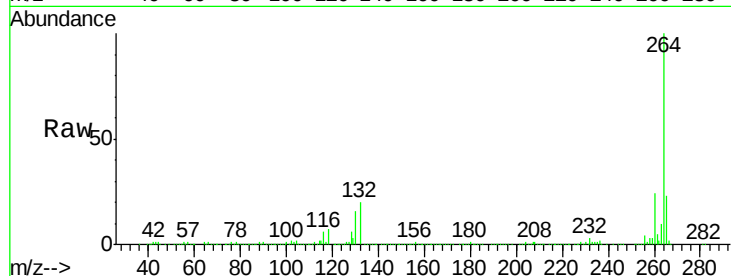
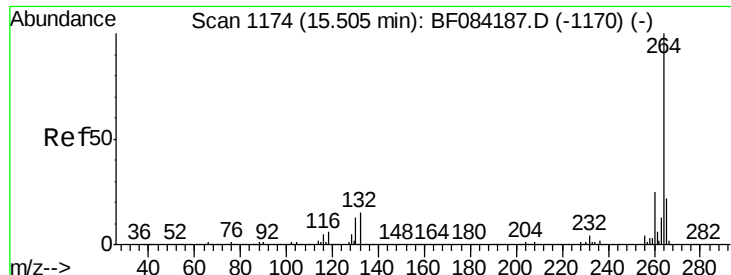


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084290.D
Acq: 6 Jan 2016 15:35

Instrument :
BNA_F
ClientSampleId :
P0-005

Tgt Ion:	264	Resp:	636434
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.4	29.2
265	22.8	17.8	26.6

