

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084366.D
 Acq On : 10 Jan 2016 15:52
 Operator : SJ/UM
 Sample : H1043-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:20:18 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

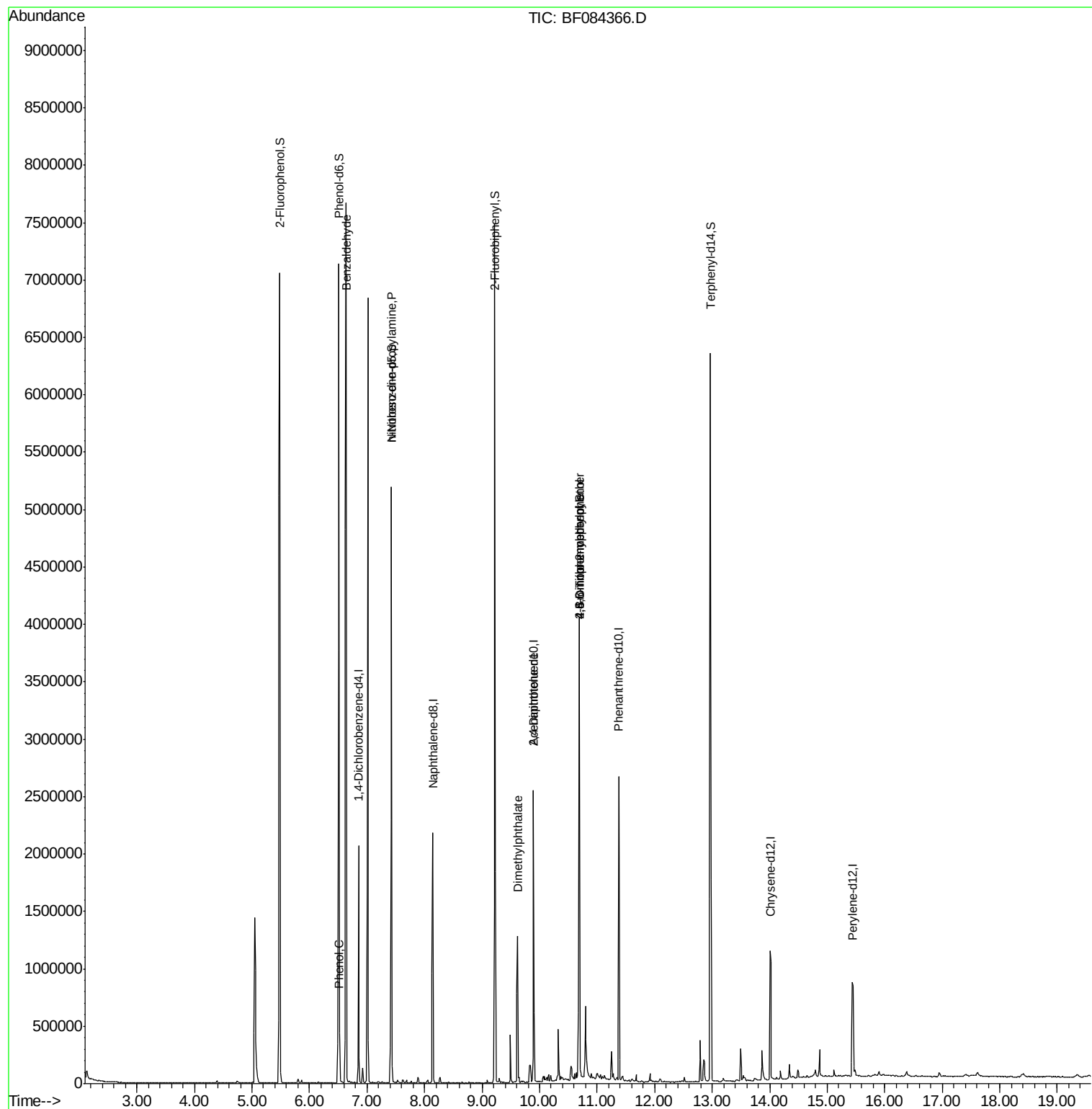
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	256860	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1085669	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	481333	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	875541	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	562910	20.00	ng	-0.05
86) Perylene-d12	15.45	264	472909	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2344534	147.64	ng	-0.01
7) Phenol-d6	6.51	99	2545715	127.64	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1779216	91.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	756836	155.74	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2400977	87.97	ng	-0.04
78) Terphenyl-d14	12.97	244	2139625	84.85	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.64	77	65191	5.02	ng	Qvalue 81
10) Phenol	6.52	94	57964	2.56	ng	83
19) n-Nitroso-di-n-propylamine	7.42	70	261205	19.35	ng	# 70
49) Dimethylphthalate	9.62	163	658508	19.14	ng	# 91
54) Dibenzofuran	10.10	168	616	Below Cal	#	53
56) 2,4-Dinitrotoluene	9.89	165	61842	6.47	ng	# 21
57) Fluorene	10.68	166	27406	Below Cal	#	86
64) 4,6-Dinitro-2-methylphenol	10.69	198	1924	6.69	ng	# 39
66) 4-Bromophenyl-phenylether	10.69	248	47140	5.00	ng	# 1
73) Di-n-butylphthalate	11.95	149	5698	Below Cal	#	95

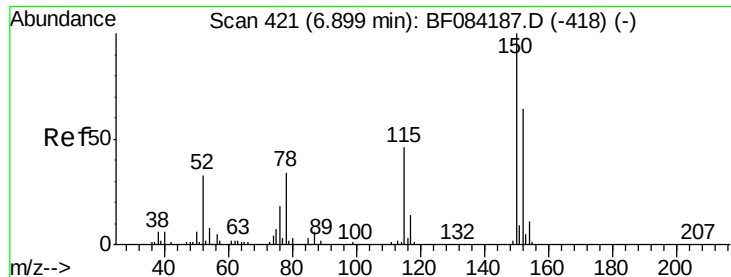
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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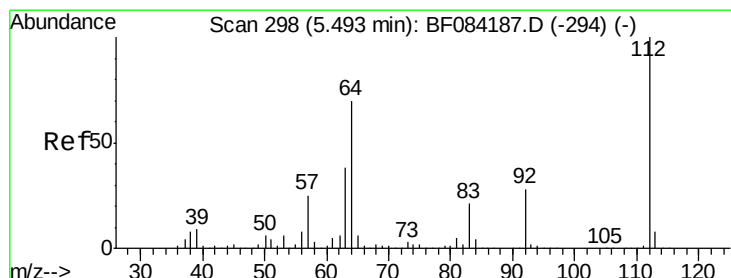
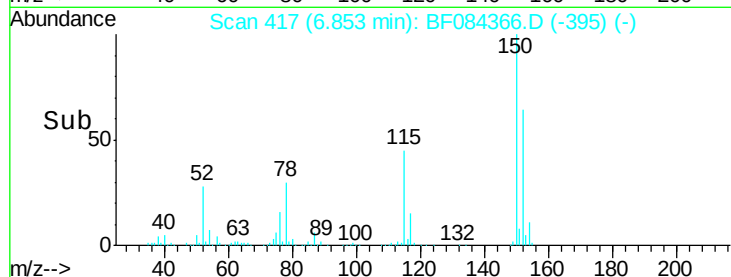
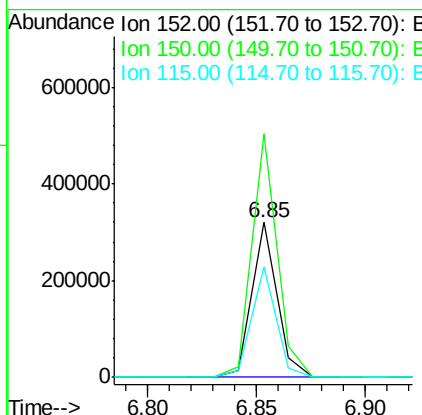
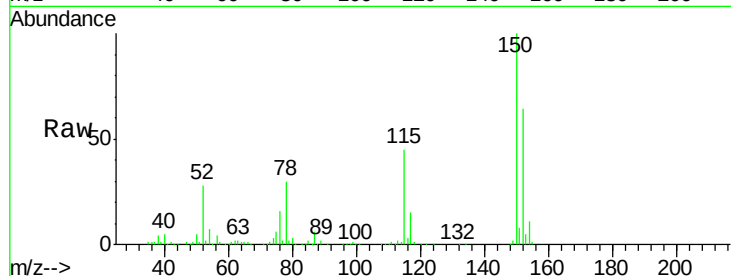


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

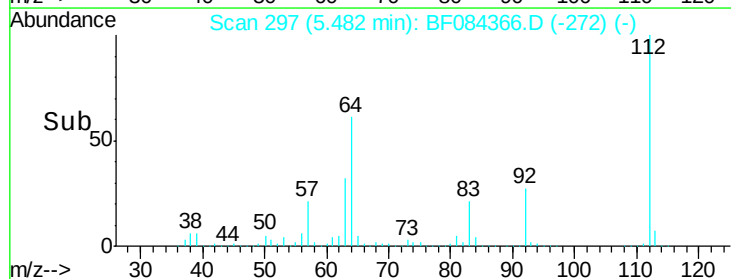
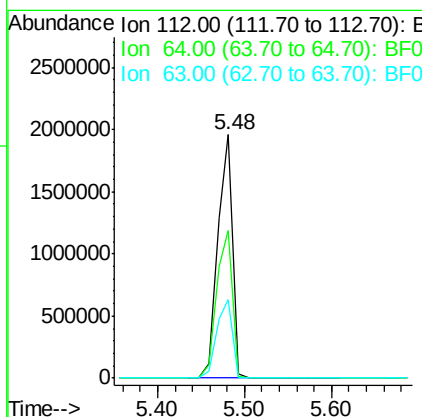
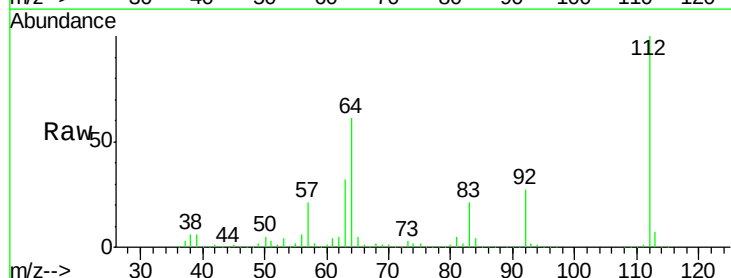
Tot Ion:152 Resp: 256860
Ion Ratio Lower Upper
152 100
150 157.2 123.0 184.4
115 71.1 51.4 77.2

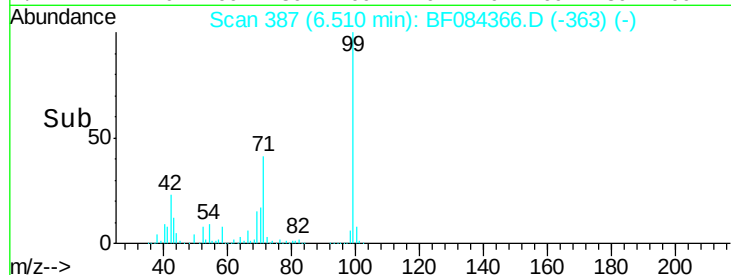
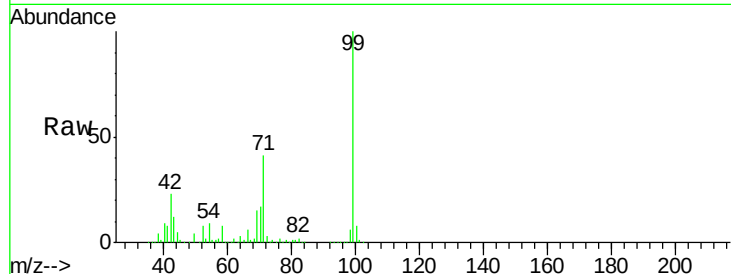
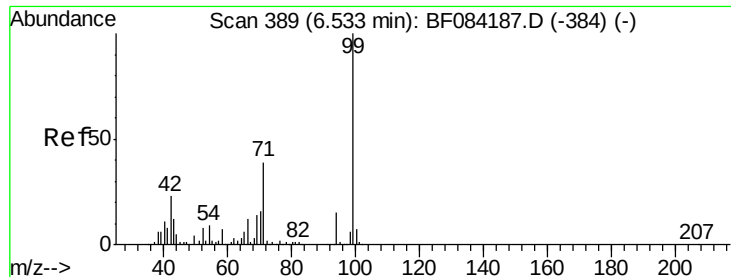


#5

2-Fluorophenol
Concen: 147.64 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:112 Resp: 2344534
Ion Ratio Lower Upper
112 100
64 60.8 36.6 55.0#
63 32.4 19.4 29.0#

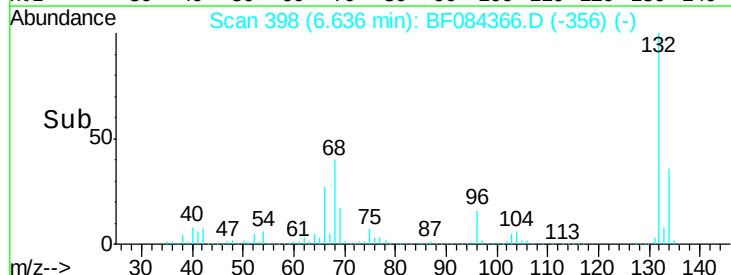
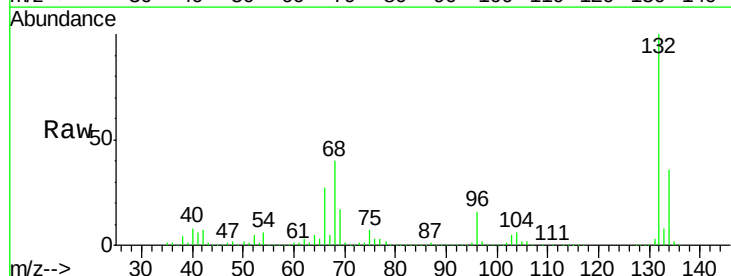
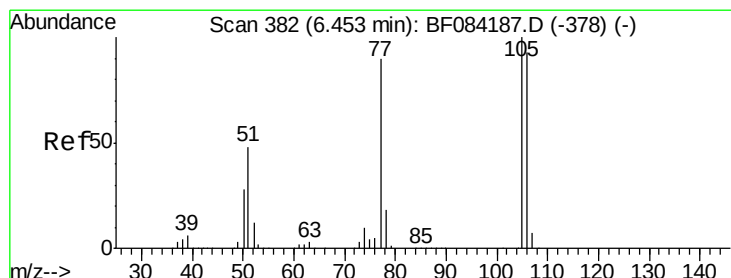
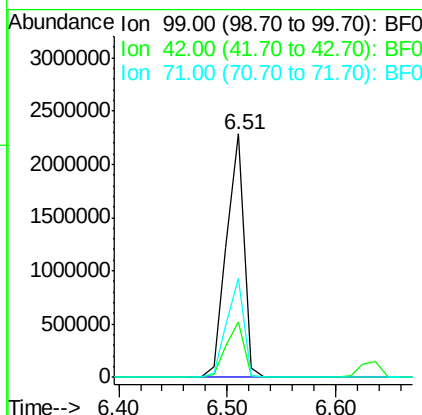




#7
Phenol-d6
Concen: 127.64 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

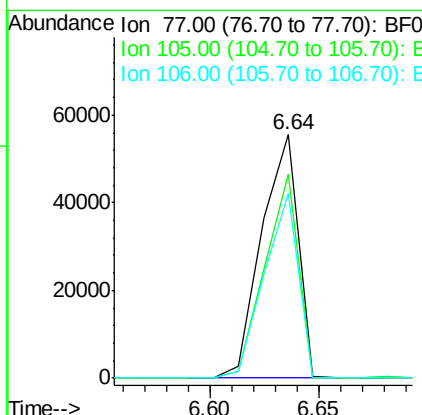
Instrument :
BNA_F
ClientSampleId :

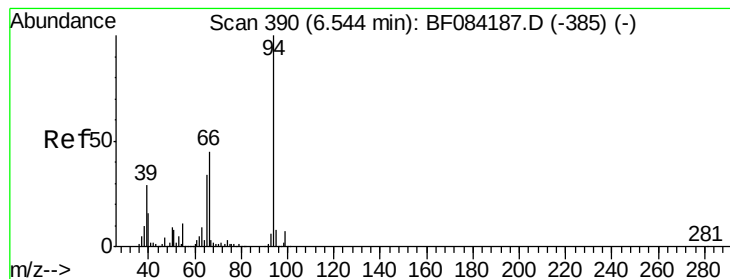
Tot Ion: 99 Resp: 2545715
Ion Ratio Lower Upper
99 100
42 22.9 12.8 19.2#
71 40.9 30.9 46.3



#9
Benzaldehyde
Concen: 5.02 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.18 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion: 77 Resp: 65191
Ion Ratio Lower Upper
77 100
105 83.5 83.0 123.0
106 75.6 74.6 114.6





#10

Phenol

Concen: 2.56 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Instrument :

BNA_F

ClientSampleId :

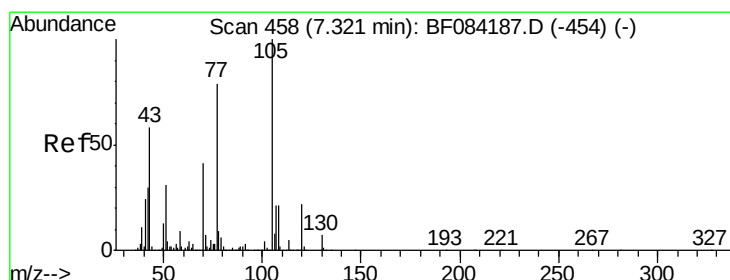
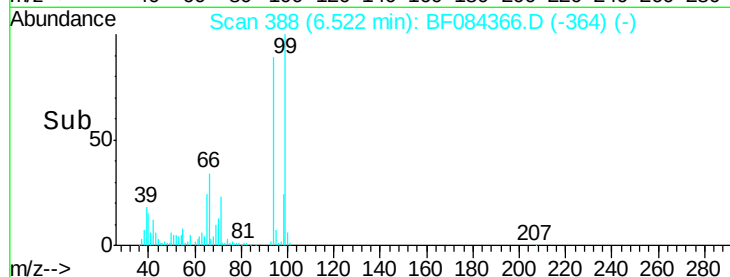
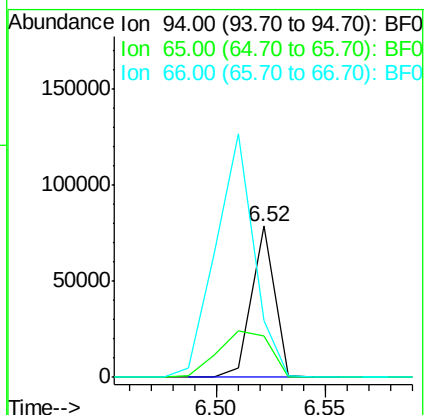
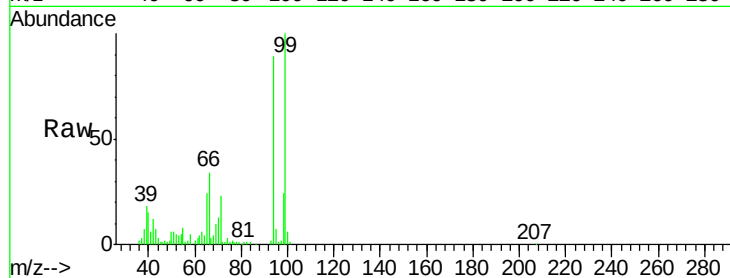
Tot Ion: 94 Resp: 57964

Ion Ratio Lower Upper

94 100

65 27.2 12.9 52.9

66 37.5 32.7 72.7



#19

n-Nitroso-di-n-propylamine

Concen: 19.35 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Tgt Ion: 70 Resp: 261205

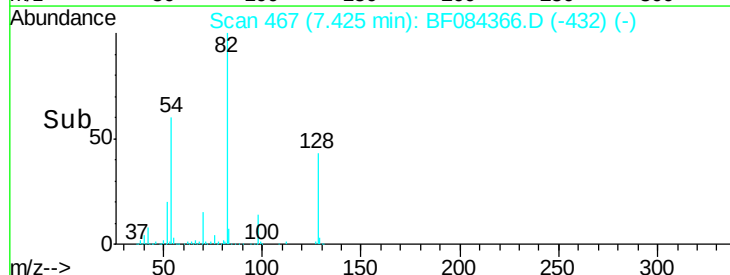
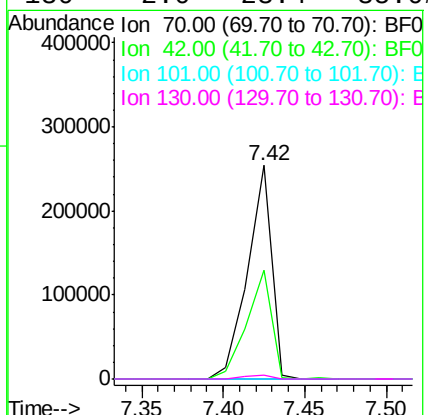
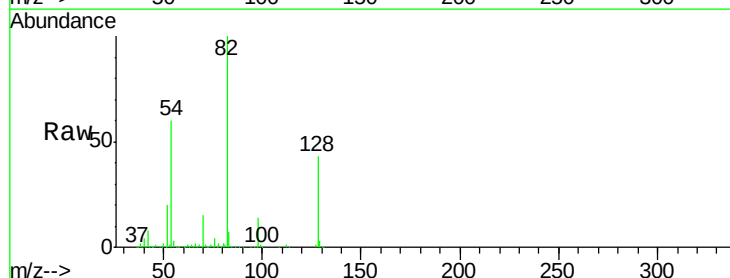
Ion Ratio Lower Upper

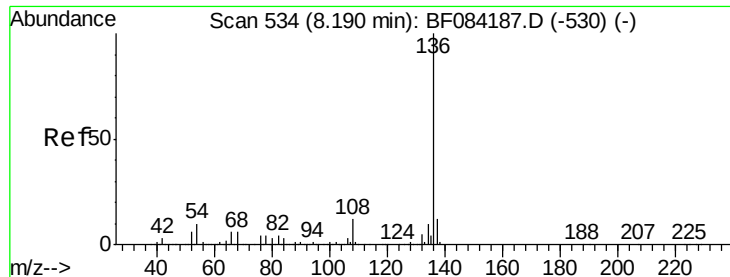
70 100

42 50.8 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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1085669

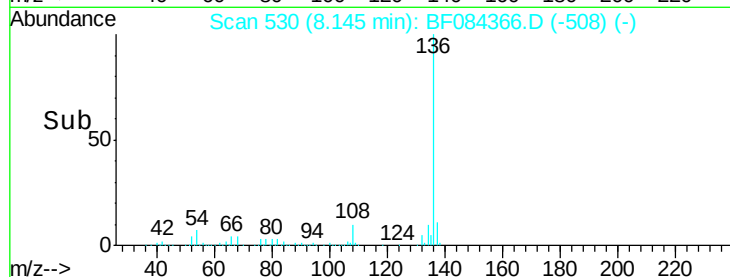
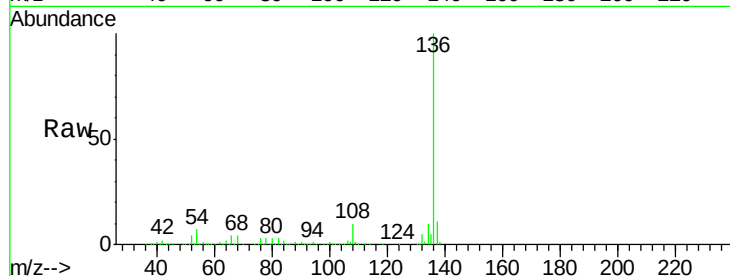
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.2 5.8 8.8

68 3.9 4.2 6.2#

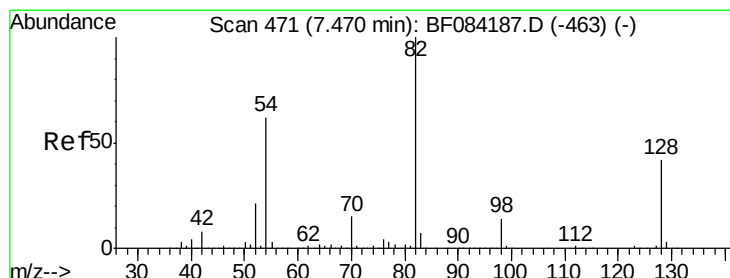
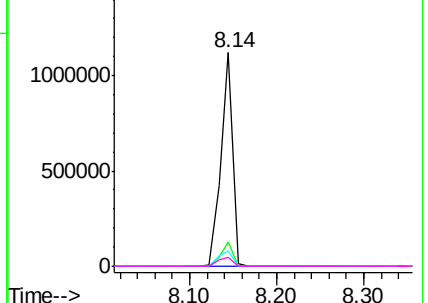


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 91.21 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

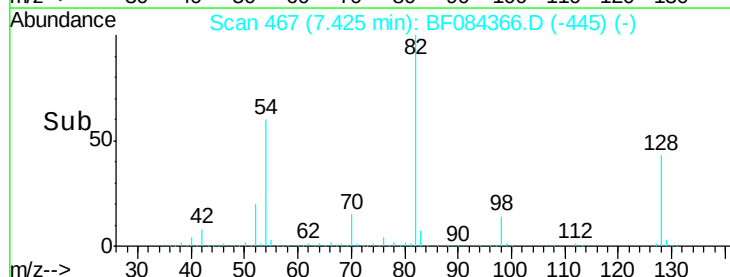
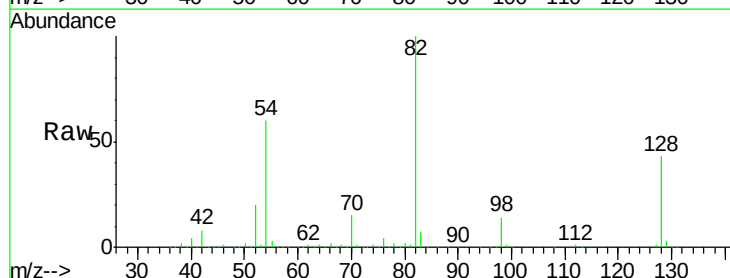
Tgt Ion: 82 Resp: 1779216

Ion Ratio Lower Upper

82 100

128 43.4 34.6 51.8

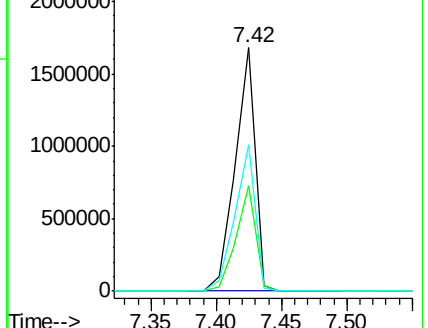
54 60.2 38.4 57.6#

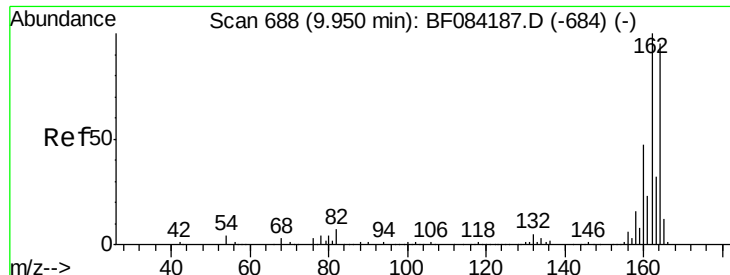


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Instrument :

BNA_F

ClientSampleId :

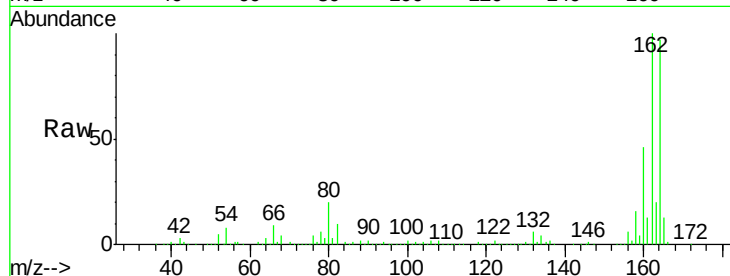
Tot Ion:164 Resp: 481333

Ion Ratio Lower Upper

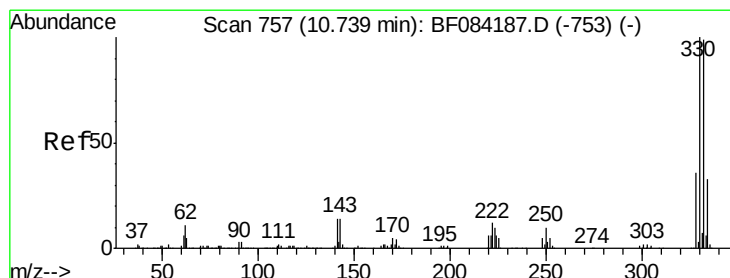
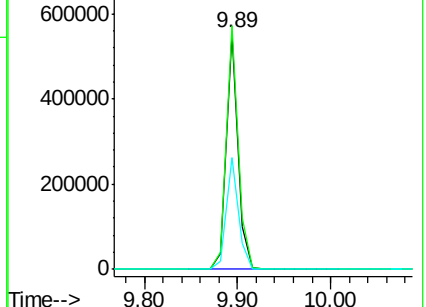
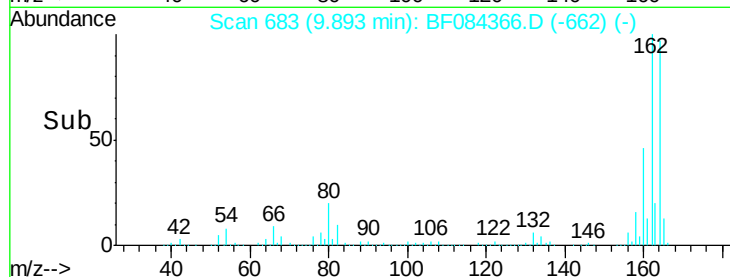
164 100

162 102.9 85.1 127.7

160 47.3 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: 155.74 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

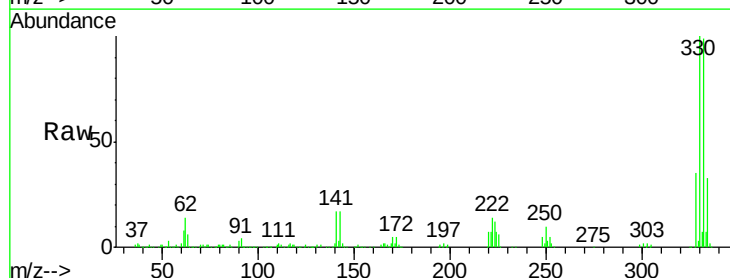
Tgt Ion:330 Resp: 756836

Ion Ratio Lower Upper

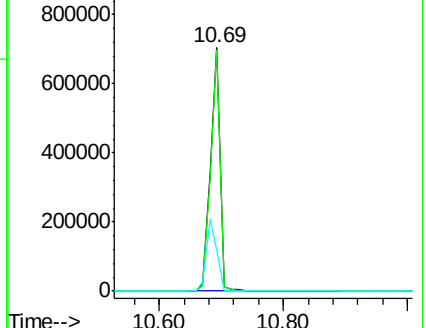
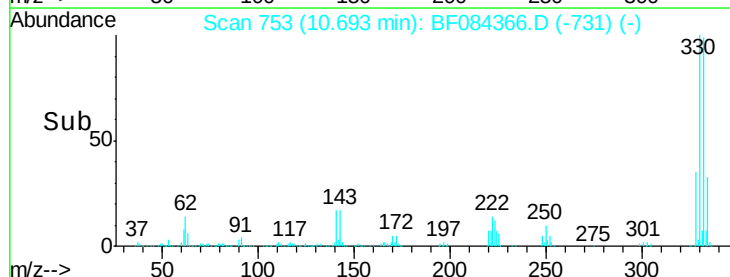
330 100

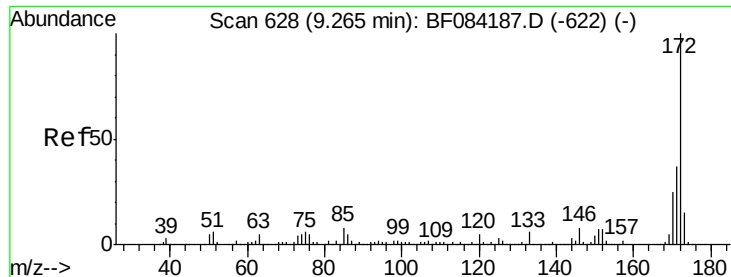
332 97.4 76.6 114.8

141 33.0 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

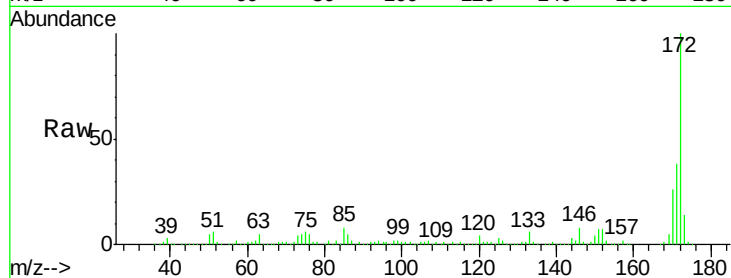




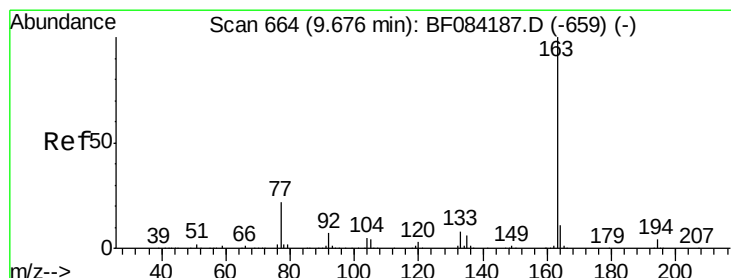
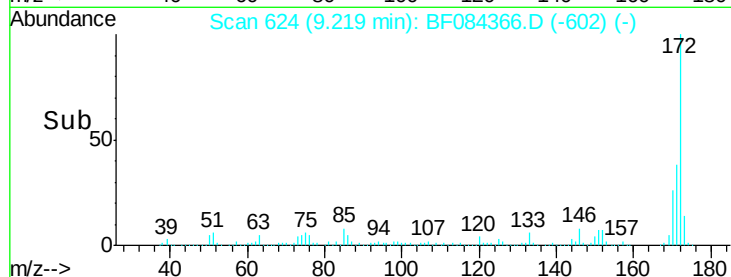
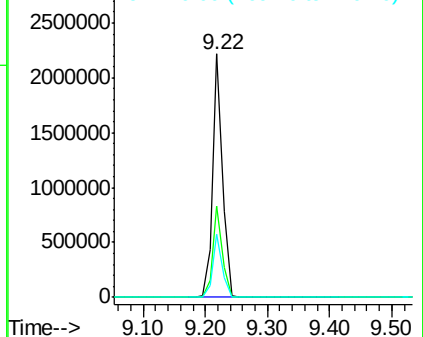
#44
2-Fluorobiphenyl
Concen: 87.97 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2400977
Ion Ratio Lower Upper
172 100
171 37.7 28.9 43.3
170 26.1 18.6 27.8

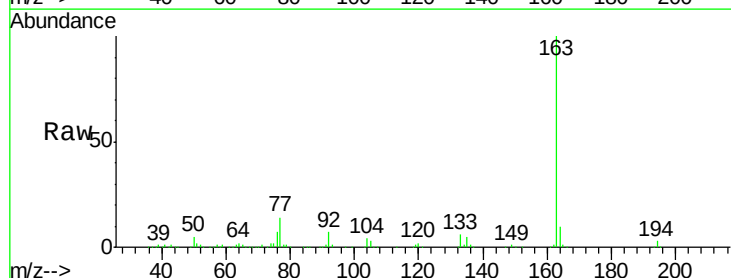


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

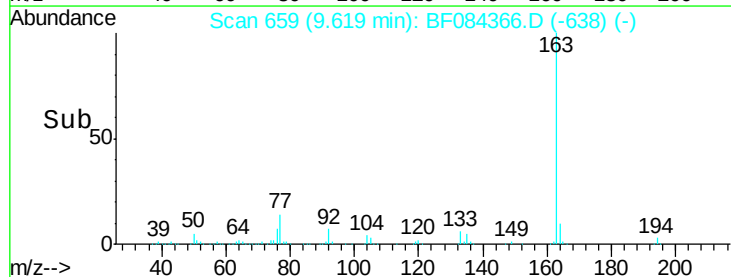
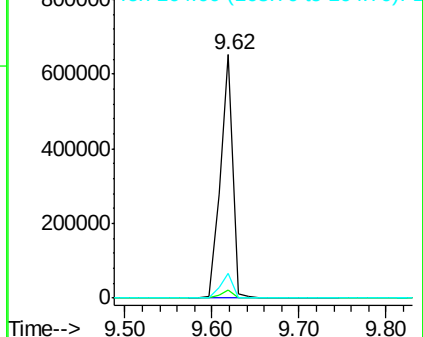


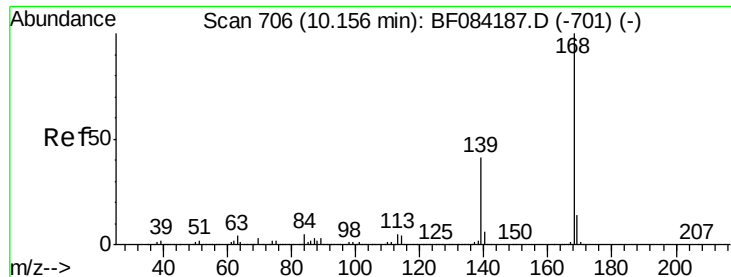
#49
Dimethylphthalate
Concen: 19.14 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:163 Resp: 658508
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: Below Cal

RT: 10.10 min Scan# 701

Delta R.T. -0.06 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Instrument :

BNA_F

ClientSampleId :

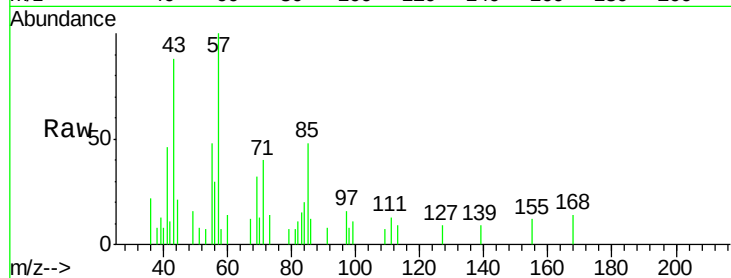
Tot Ion:168 Resp: 616

Ion Ratio Lower Upper

168 100

139 69.2 30.5 45.7#

169 0.0 10.4 15.6#

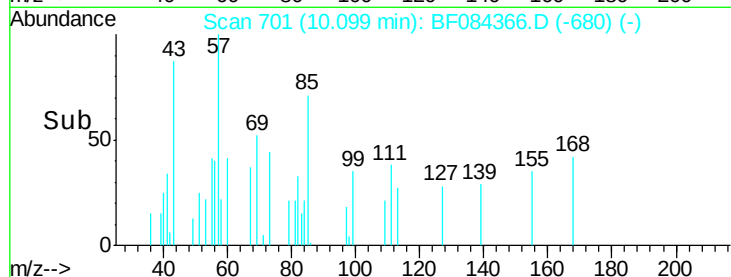


Abundance Ion 168.00 (167.70 to 168.70): E

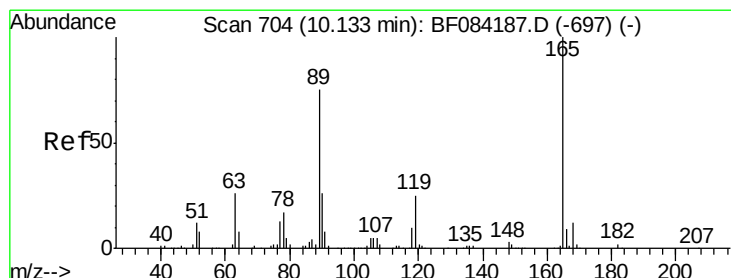
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.47 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.24 min

Lab File: BF084366.D

Acq: 10 Jan 2016 15:52

Tgt Ion:165 Resp: 61842

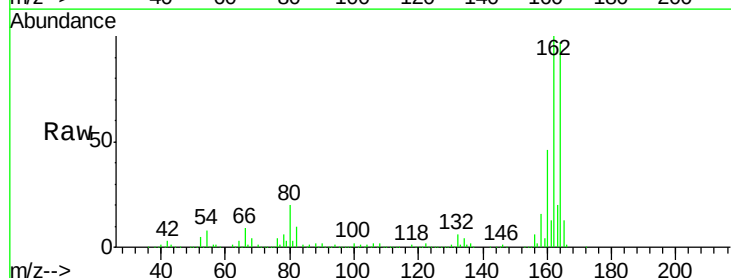
Ion Ratio Lower Upper

165 100

63 1.4 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#



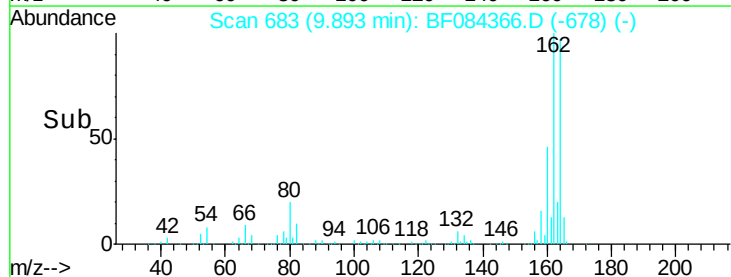
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

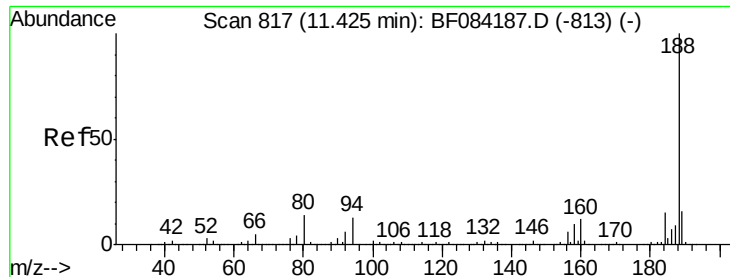
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



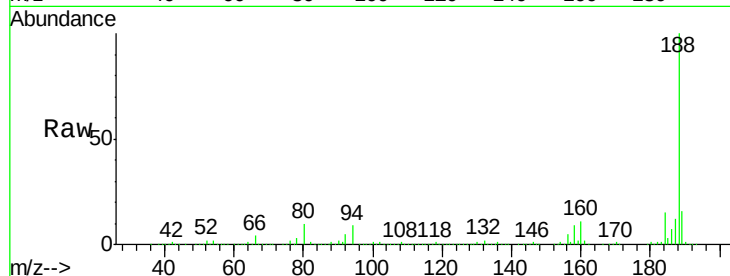
Time-->



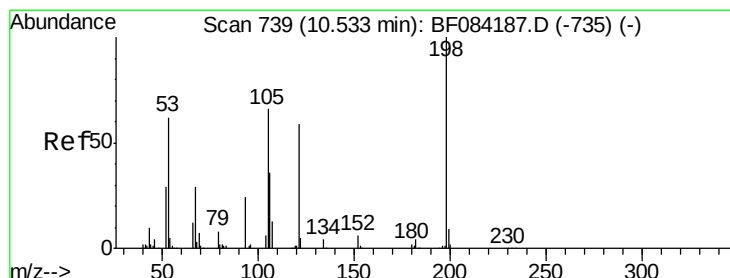
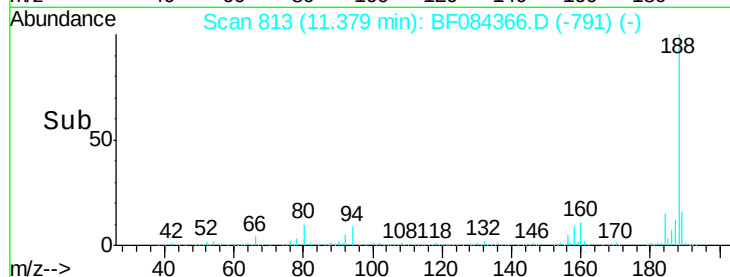
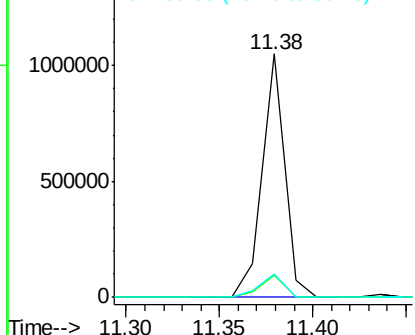
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084366.D
 Acq: 10 Jan 2016 15:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 875541
 Ion Ratio Lower Upper
 188 100
 94 8.9 9.0 13.4#
 80 9.7 9.6 14.4

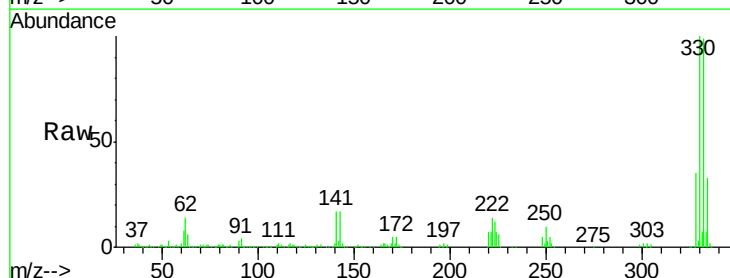


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

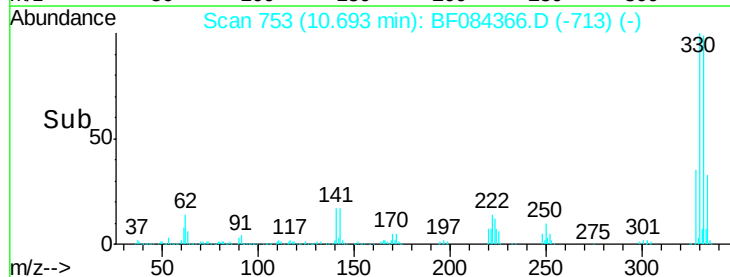
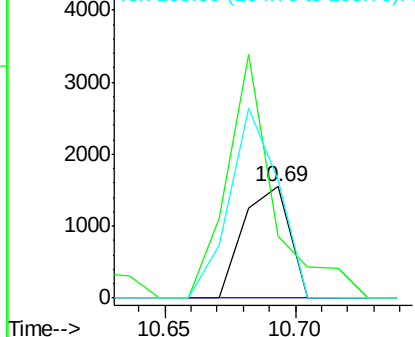


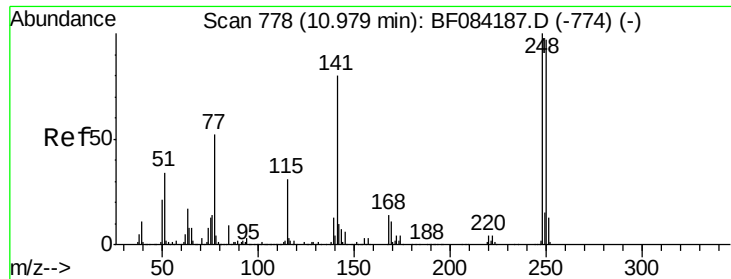
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.69 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.16 min
 Lab File: BF084366.D
 Acq: 10 Jan 2016 15:52

Tgt Ion:198 Resp: 1924
 Ion Ratio Lower Upper
 198 100
 51 55.4 18.9 58.9
 105 105.8 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

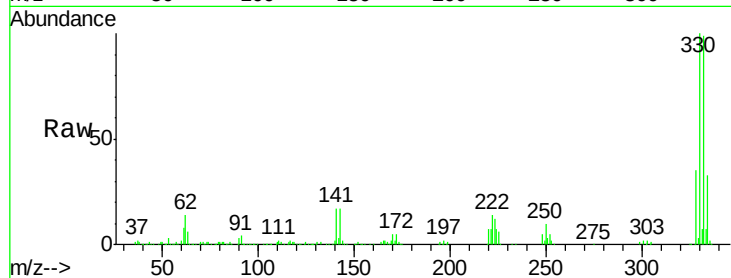




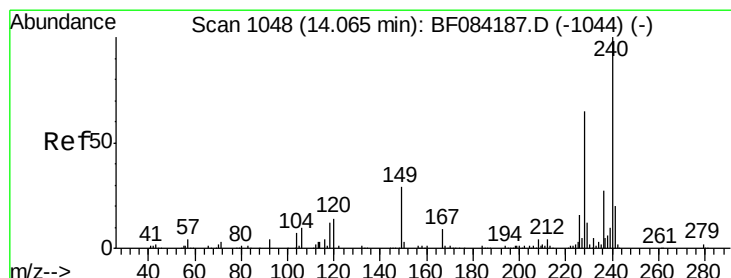
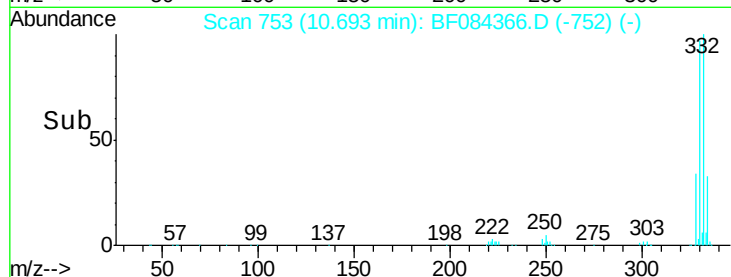
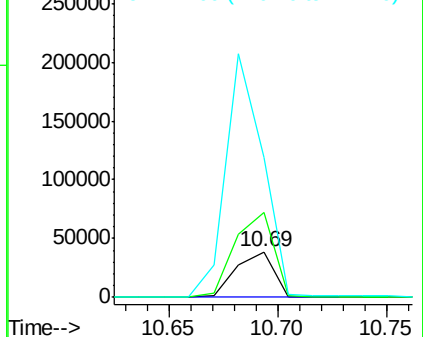
#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 47140
Ion Ratio Lower Upper
248 100
250 188.7 78.4 117.6#
141 309.7 44.0 66.0#

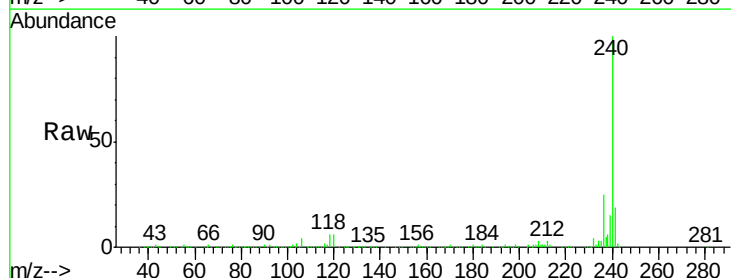


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

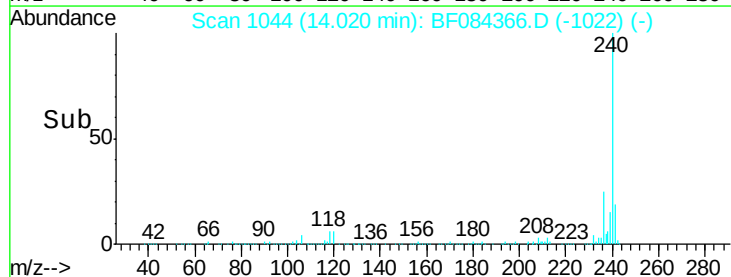
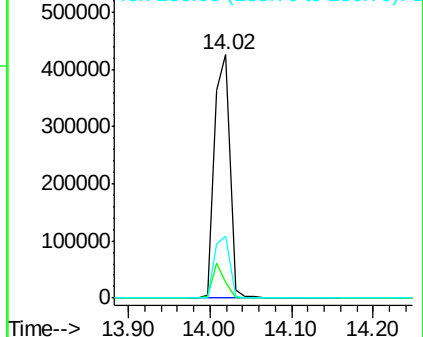


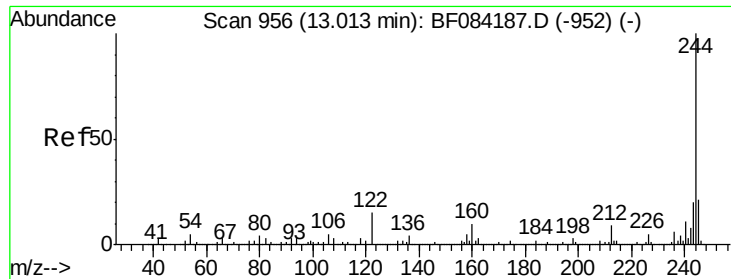
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084366.D
Acq: 10 Jan 2016 15:52

Tgt Ion:240 Resp: 562910
Ion Ratio Lower Upper
240 100
120 6.3 9.5 14.3#
236 25.4 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

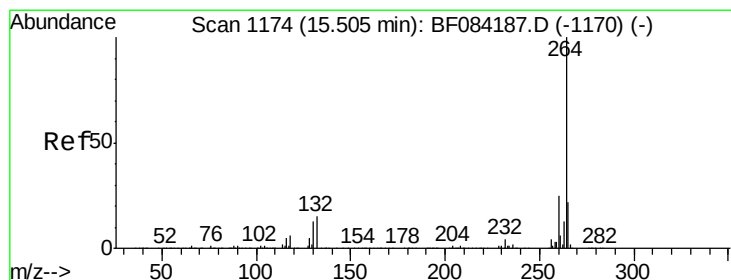
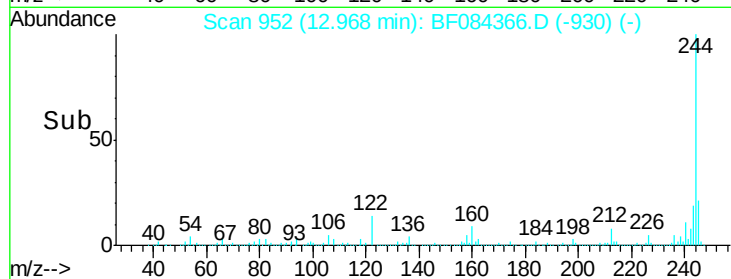
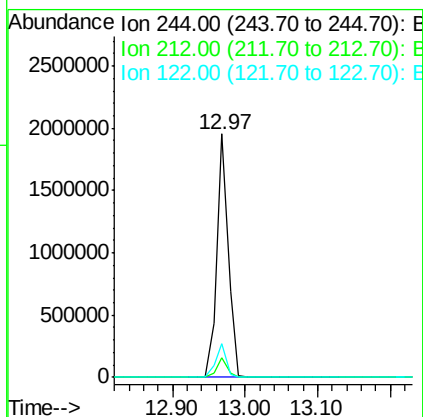
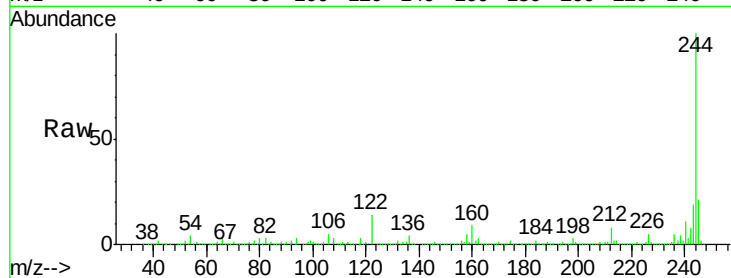




#78
 Terphenyl-d14
 Concen: 84.85 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084366.D
 Acq: 10 Jan 2016 15:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2139625
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084366.D
 Acq: 10 Jan 2016 15:52

Tgt Ion:264 Resp: 472909
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.8 17.8 26.6

