

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF084009.D
 Acq On : 23 Dec 2015 1:01
 Operator : UM/SJ
 Sample : G4894-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Dec 23 02:50:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

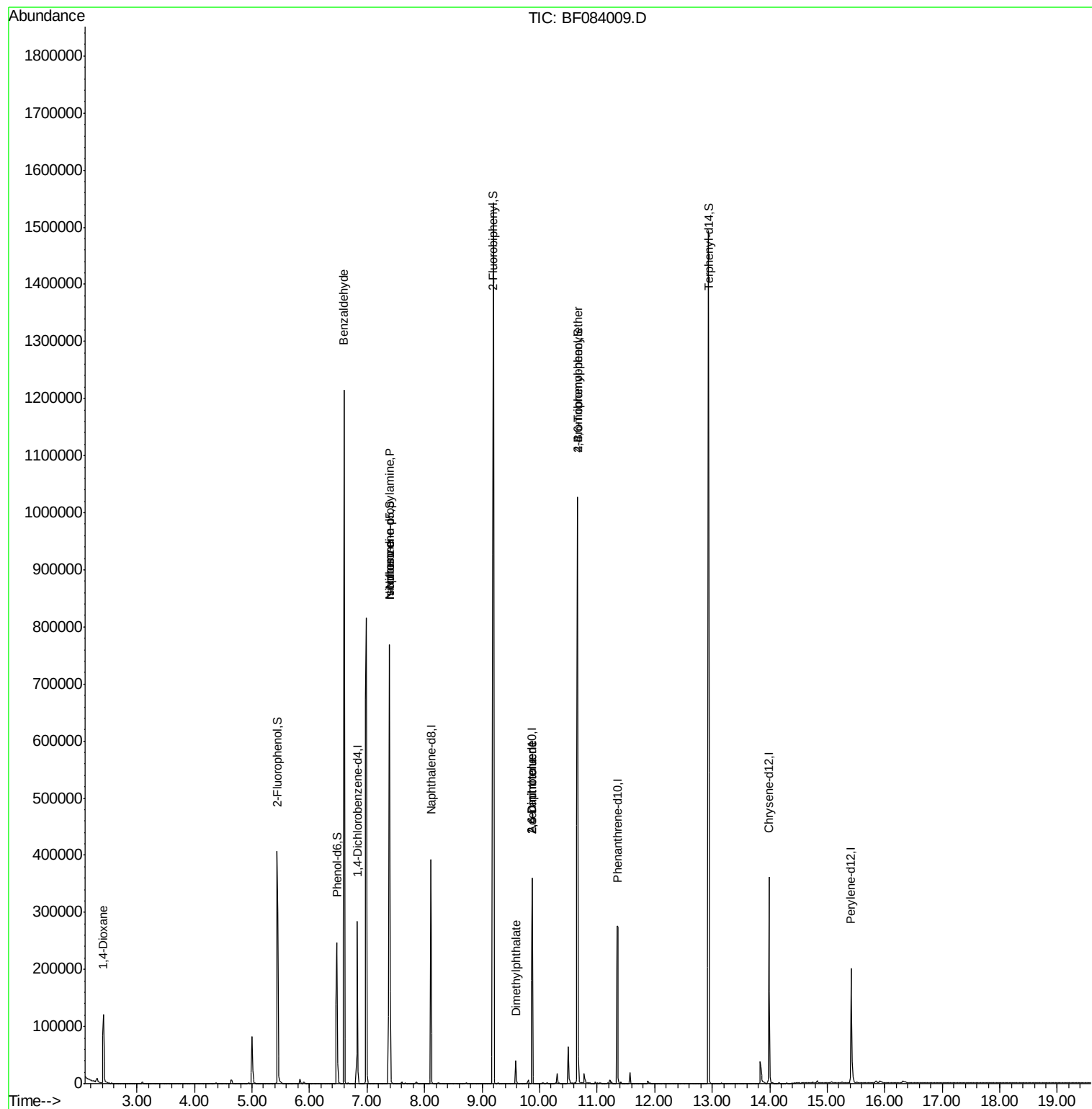
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43228	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	174279	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	82739	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	154917	20.00	ng	0.00
75) Chrysene-d12	13.99	240	139044	20.00	ng	-0.01
86) Perylene-d12	15.41	264	108827	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	159511	62.92	ng	0.00
7) Phenol-d6	6.48	99	113977	38.24	ng	0.00
23) Nitrobenzene-d5	7.39	82	254283	89.63	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	133639	167.92	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	603318	98.14	ng	0.00
78) Terphenyl-d14	12.93	244	503040	86.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	70107	58.08	ng	98
9) Benzaldehyde	6.60	77	7368	3.70	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	34802	19.27	ng	# 77
25) Isophorone	7.39	82	226376	42.11	ng	# 66
49) Dimethylphthalate	9.58	163	16305	2.52	ng	# 88
50) 2,6-Dinitrotoluene	9.87	165	10564	7.73	ng	# 35
56) 2,4-Dinitrotoluene	9.87	165	10564	6.15	ng	# 20
66) 4-Bromophenyl-phenylether	10.66	248	9669	5.44	ng	# 1

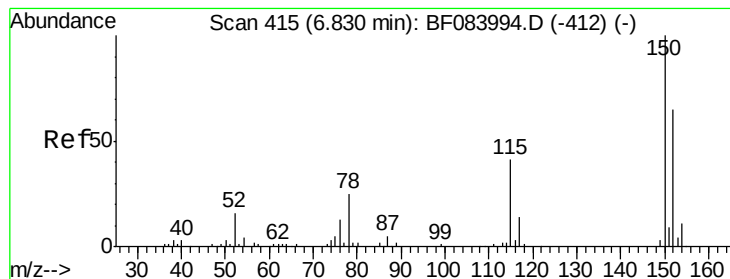
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

DUP-1

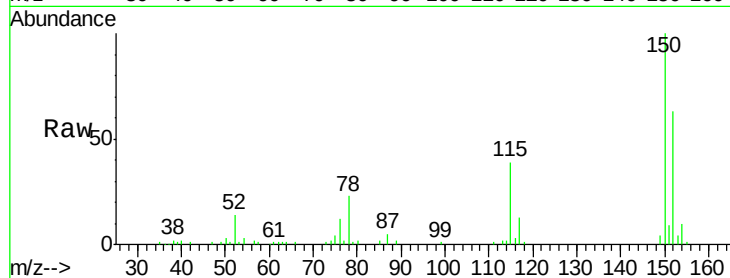
Tgt Ion:152 Resp: 43228

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

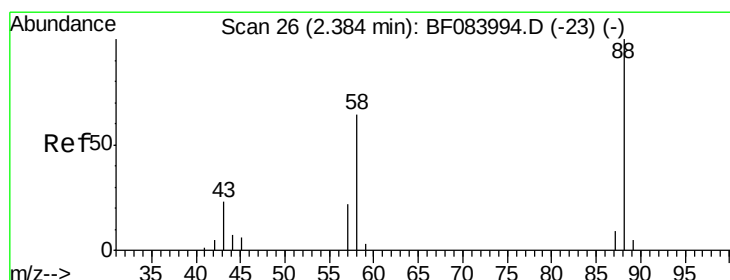
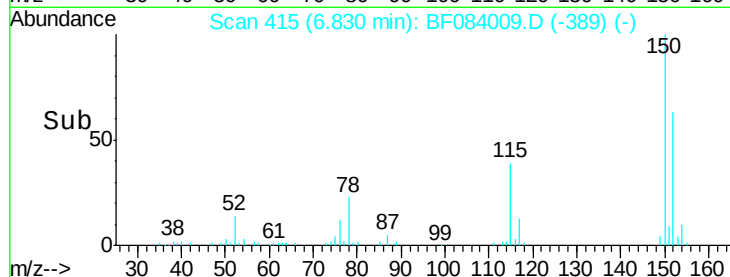
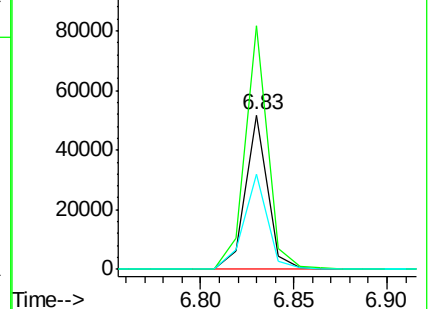
115 61.7 51.4 77.2



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



#2

1,4-Dioxane

Concen: 58.08 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.03 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

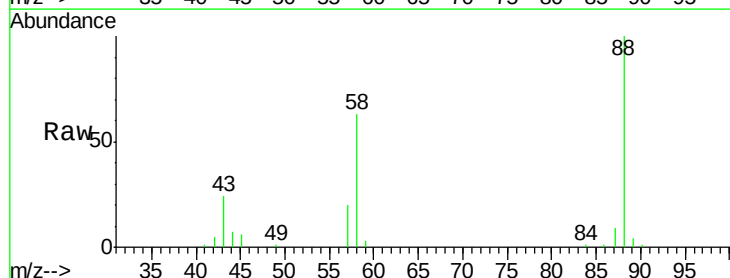
Tgt Ion: 88 Resp: 70107

Ion Ratio Lower Upper

88 100

58 65.2 51.2 76.8

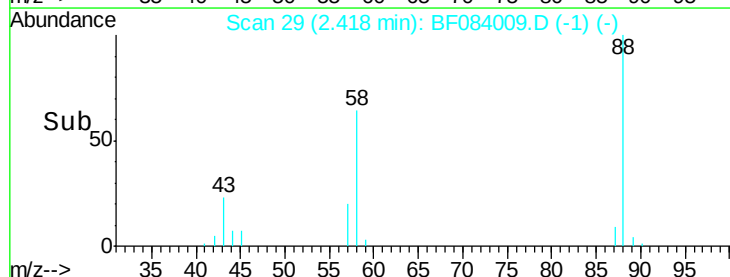
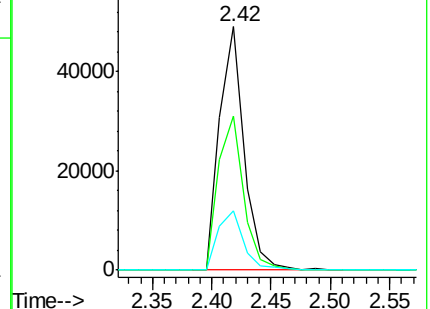
43 25.6 19.5 29.3

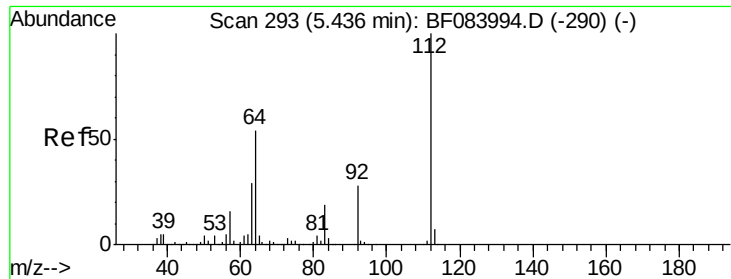


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 62.92 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

DUP-1

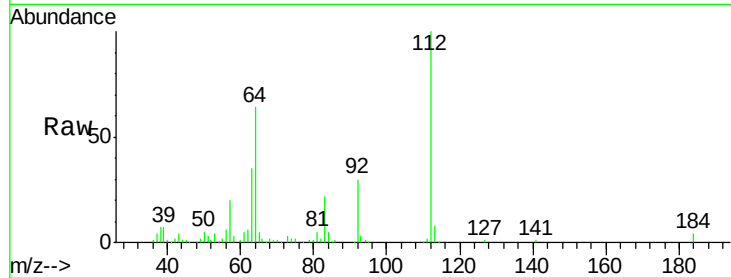
Tgt Ion: 112 Resp: 159511

Ion Ratio Lower Upper

112 100

64 63.9 36.6 55.0#

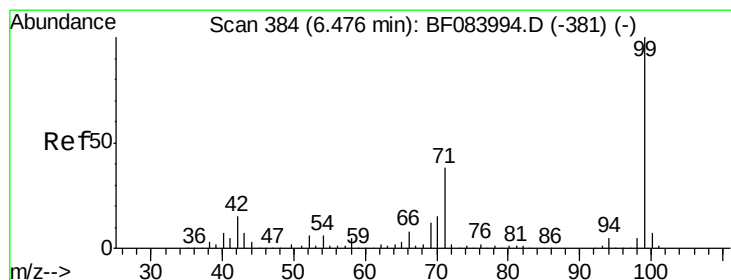
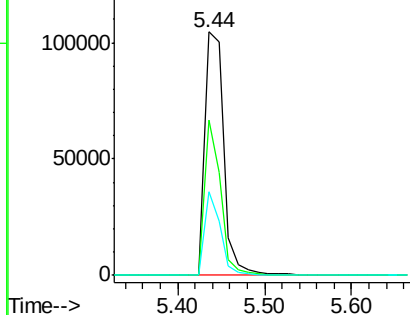
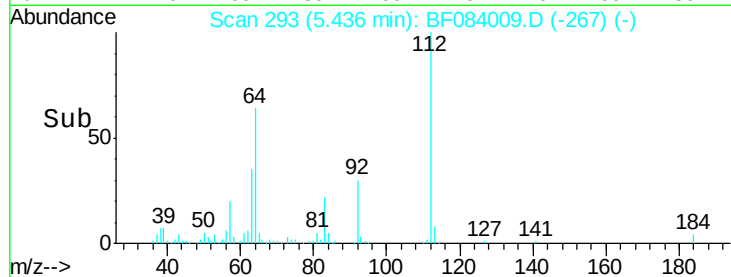
63 34.6 19.4 29.0#



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: 38.24 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

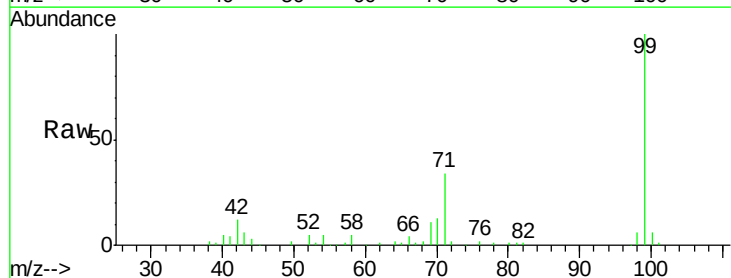
Tgt Ion: 99 Resp: 113977

Ion Ratio Lower Upper

99 100

42 12.2 12.8 19.2#

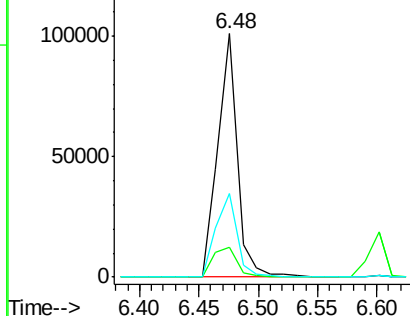
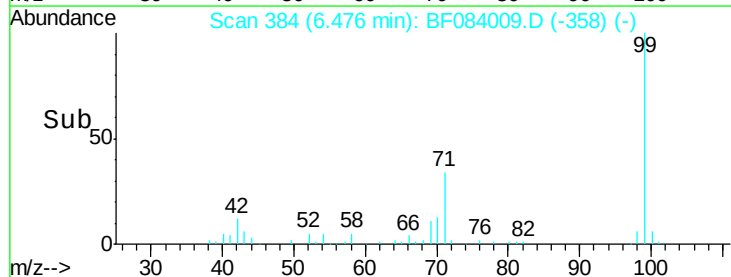
71 34.2 30.9 46.3

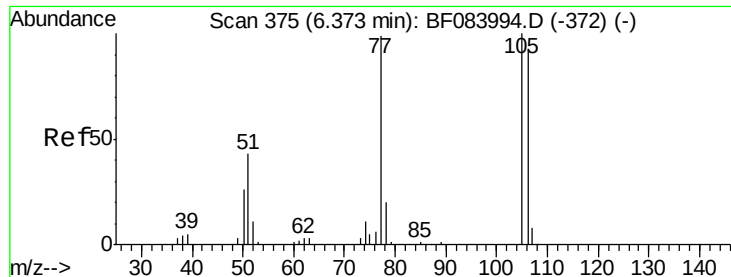


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.70 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

DUP-1

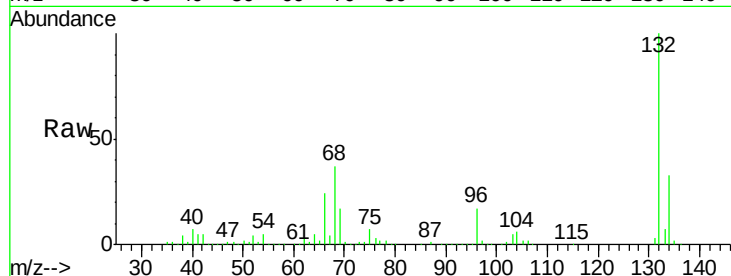
Tgt Ion: 77 Resp: 7368

Ion Ratio Lower Upper

77 100

105 101.0 83.0 123.0

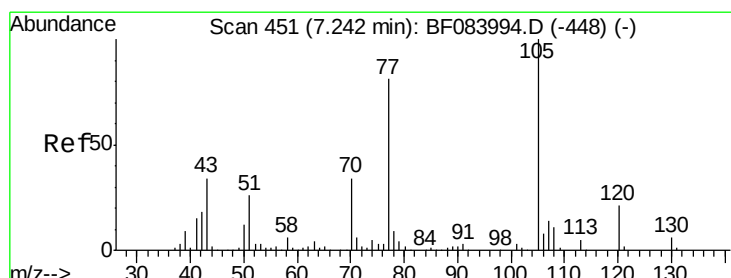
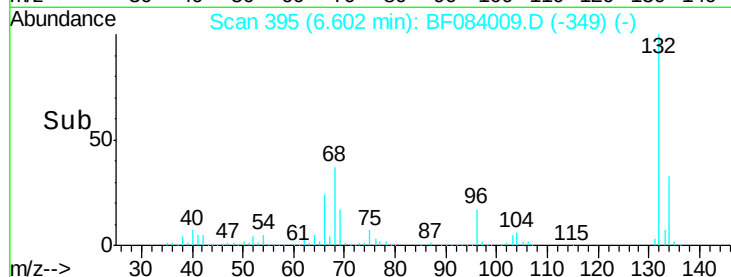
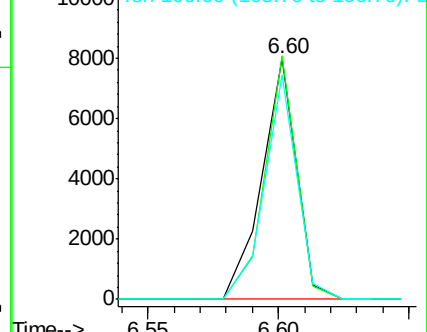
106 93.3 74.6 114.6



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: 19.27 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Tgt Ion: 70 Resp: 34802

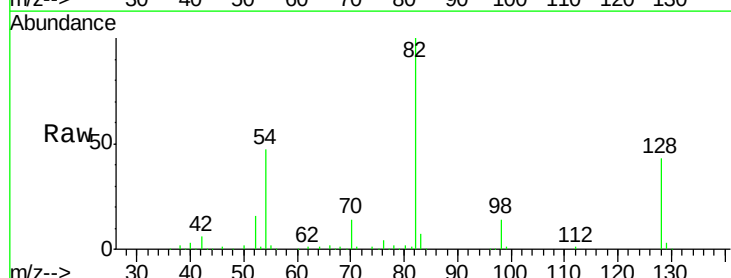
Ion Ratio Lower Upper

70 100

42 41.2 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

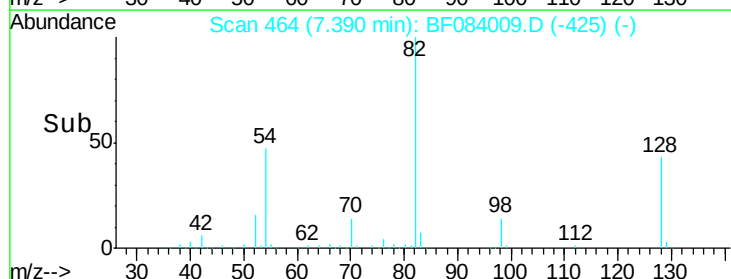
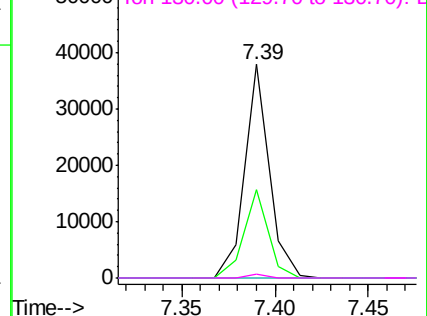


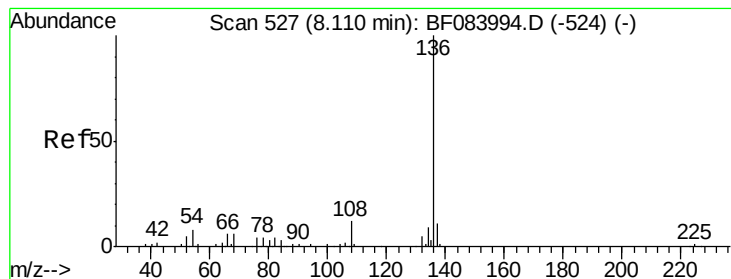
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

DUP-1

Tgt Ion:136 Resp: 174279

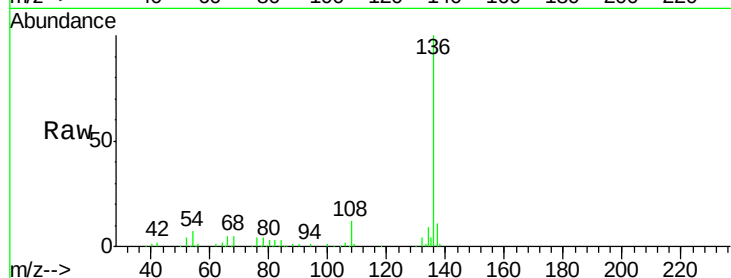
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.6 5.8 8.8

68 4.7 4.2 6.2

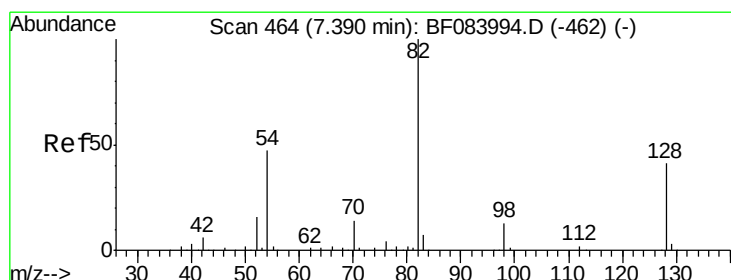
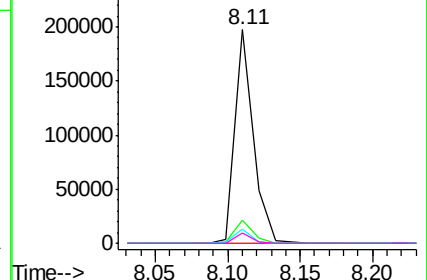
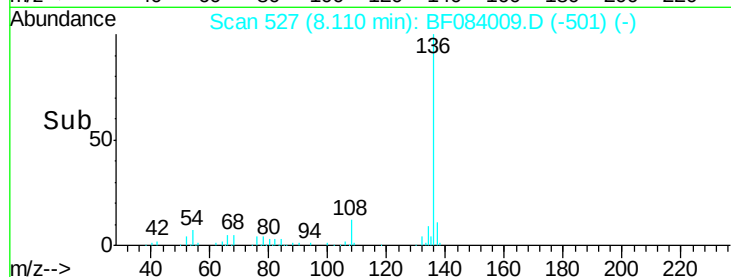


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.63 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

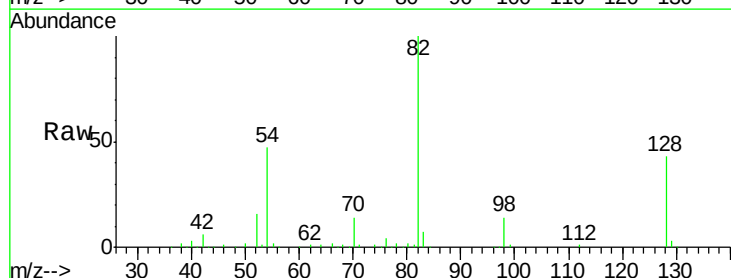
Tgt Ion: 82 Resp: 254283

Ion Ratio Lower Upper

82 100

128 43.3 34.6 51.8

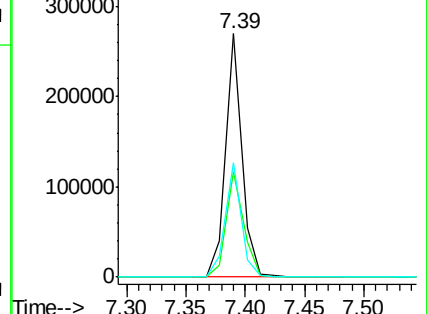
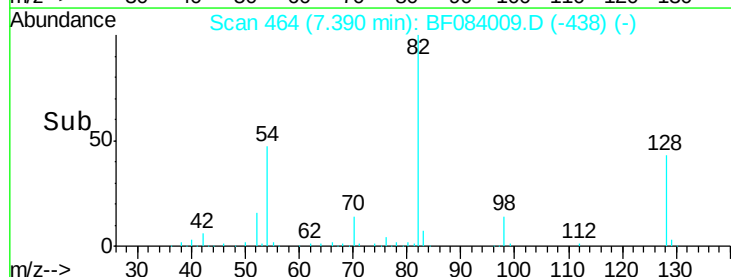
54 46.8 38.4 57.6

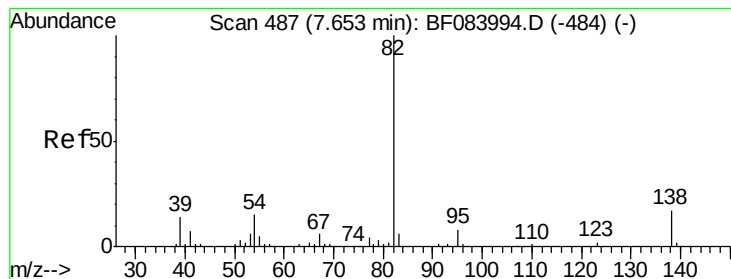


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.11 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

Instrument :

BNA_F

ClientSampleId :

DUP-1

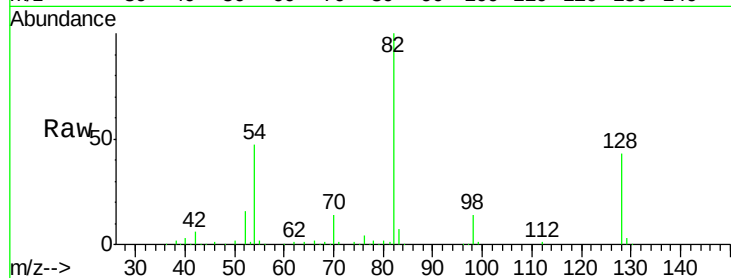
Tgt Ion: 82 Resp: 226376

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

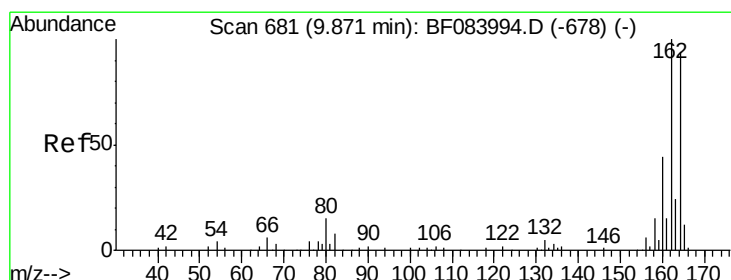
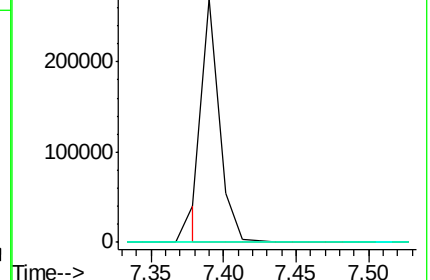
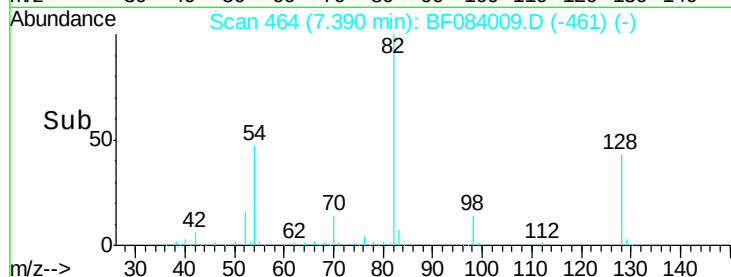
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF084009.D (-464) (-)

Ion 95.00 (94.70 to 95.70): BF084009.D (-464) (-)

Ion 138.00 (137.70 to 138.70): BF084009.D (-464) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

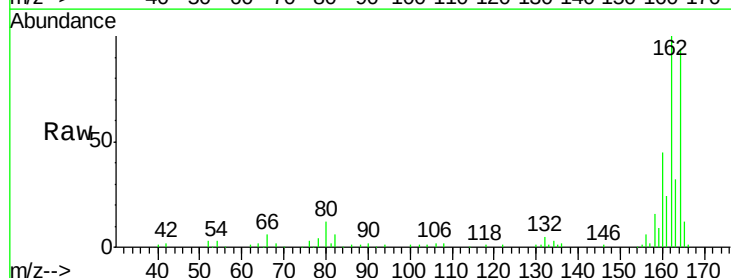
Tgt Ion: 164 Resp: 82739

Ion Ratio Lower Upper

164 100

162 106.6 85.1 127.7

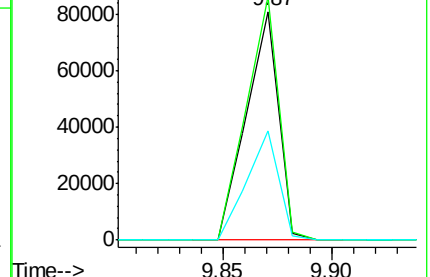
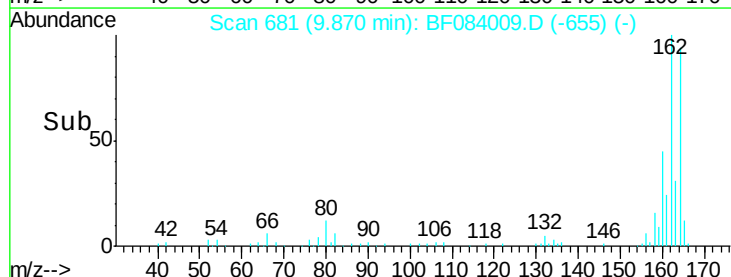
160 48.1 37.5 56.3

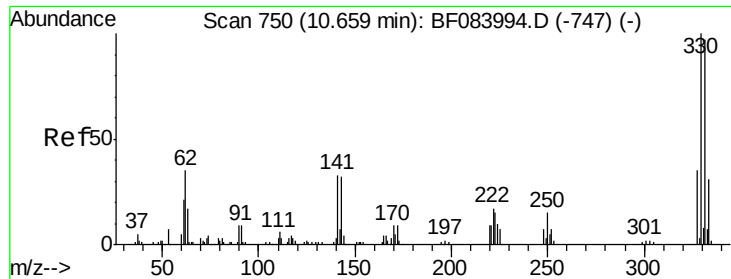


Abundance Ion 164.00 (163.70 to 164.70): BF084009.D (-655) (-)

Ion 162.00 (161.70 to 162.70): BF084009.D (-655) (-)

Ion 160.00 (159.70 to 160.70): BF084009.D (-655) (-)

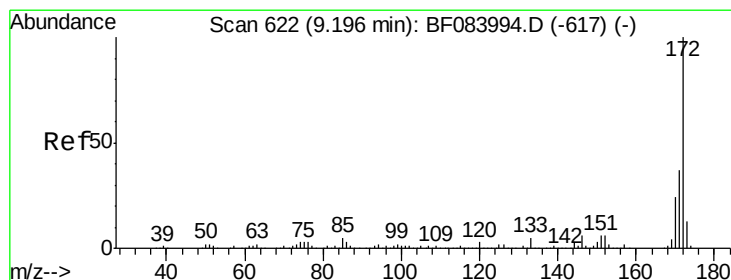
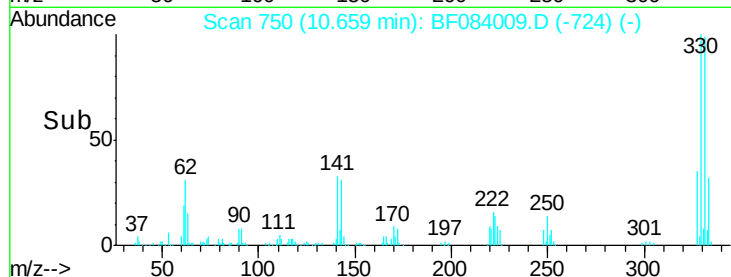
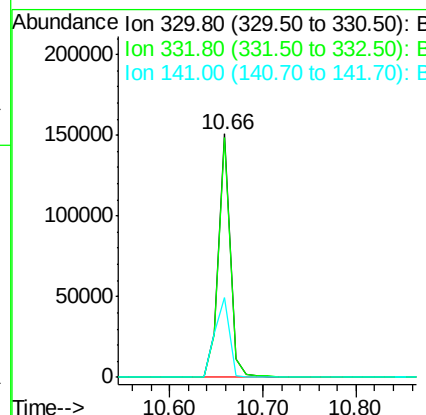
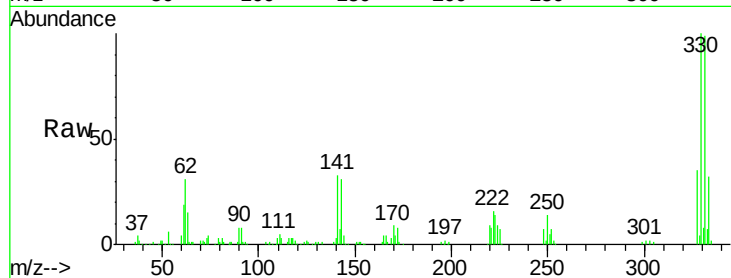




#41
 2,4,6-Tribromophenol
 Concen: 167.92 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

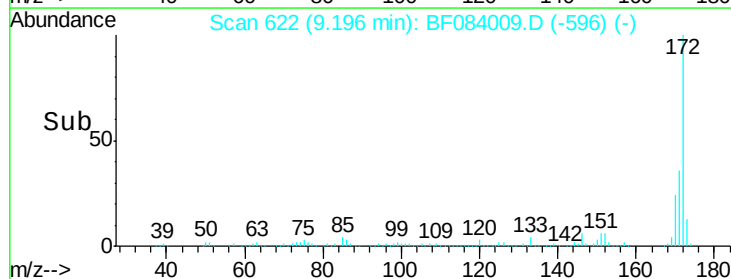
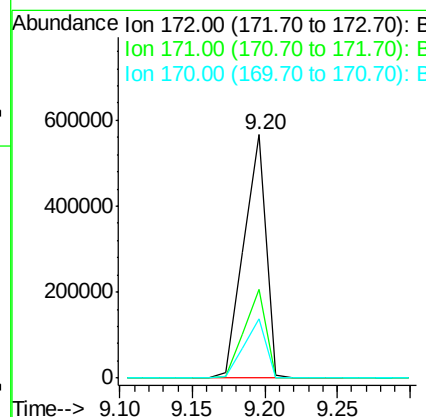
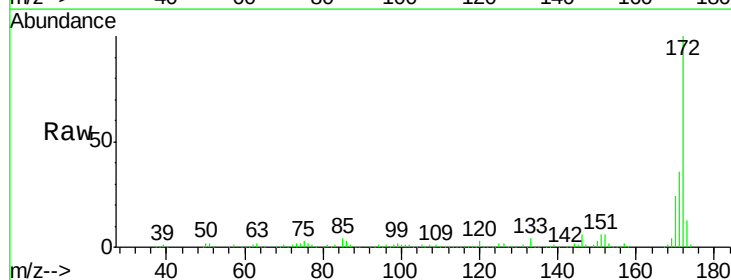
Instrument :
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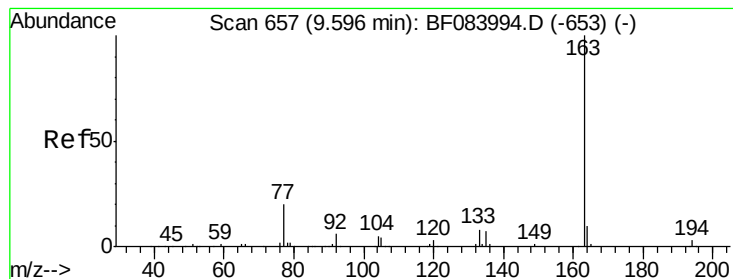
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	40.5	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 98.14 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.2	18.6	27.8





#49

Dimethylphthalate

Concen: 2.52 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

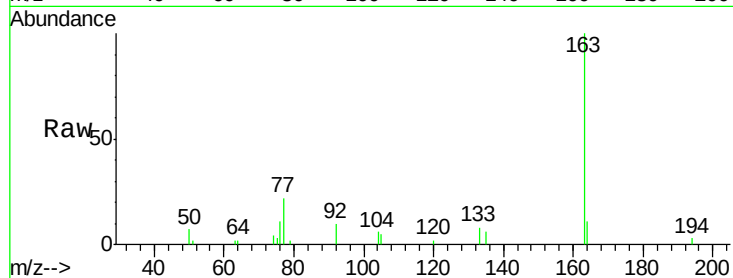
Instrument :

BNA_F

ClientSampleId :

DUP-1

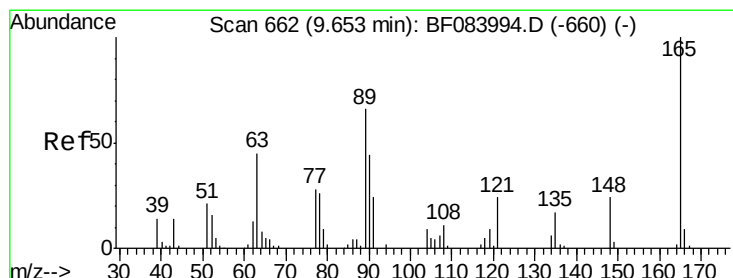
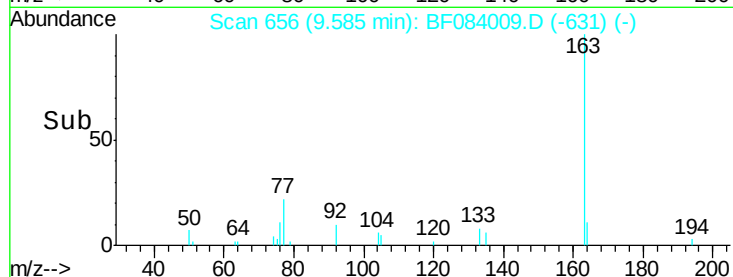
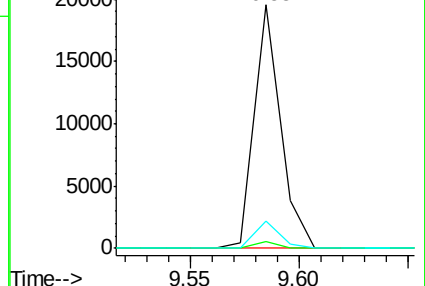
Tgt Ion:	163	Resp:	16305
Ion Ratio	Lower	Upper	
163	100		
194	2.6	8.0	12.0#
164	11.2	8.0	12.0



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



#50

2,6-Dinitrotoluene

Concen: 7.73 ng

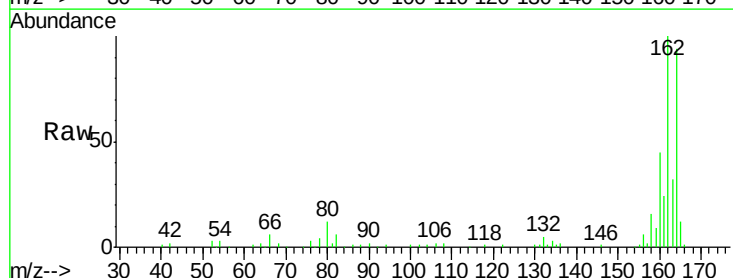
RT: 9.87 min Scan# 681

Delta R.T. 0.22 min

Lab File: BF084009.D

Acq: 23 Dec 2015 1:01

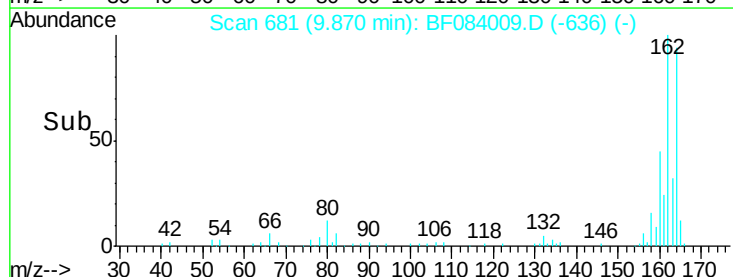
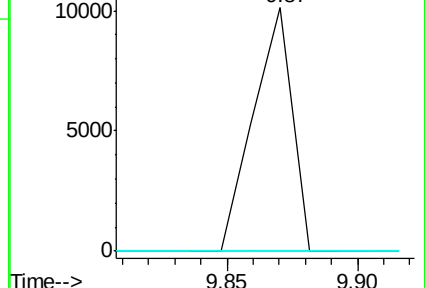
Tgt Ion:	165	Resp:	10564
Ion Ratio	Lower	Upper	
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#

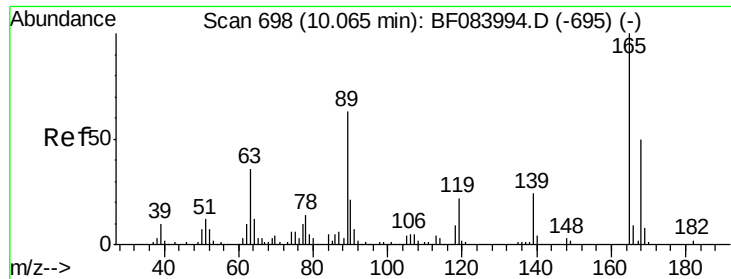


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

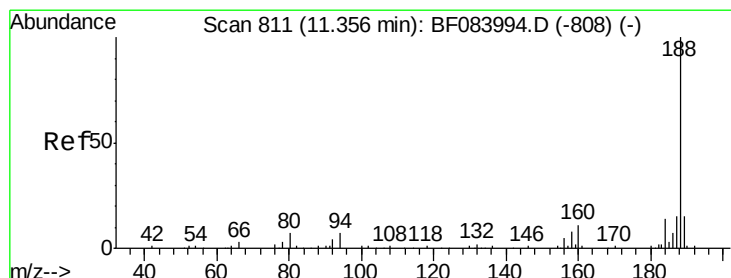
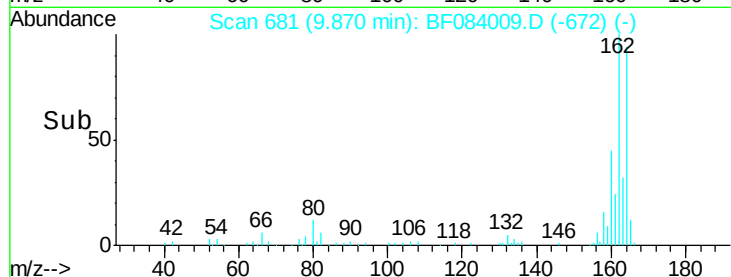
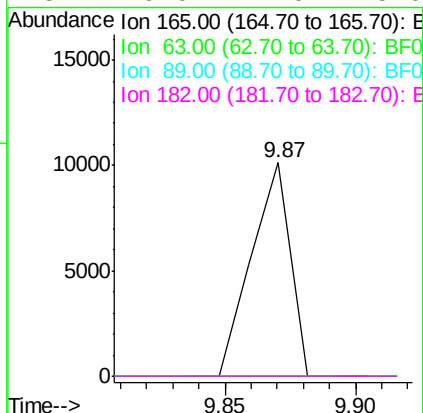
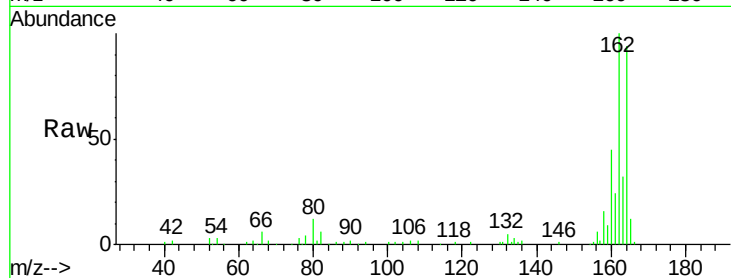




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

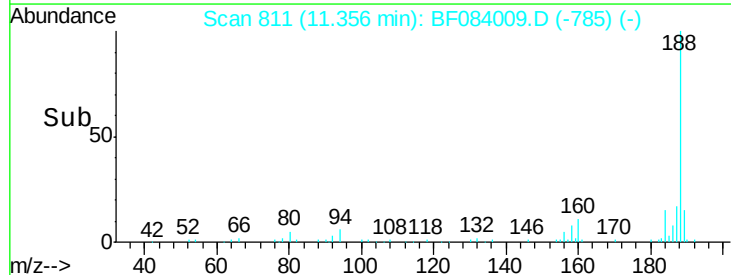
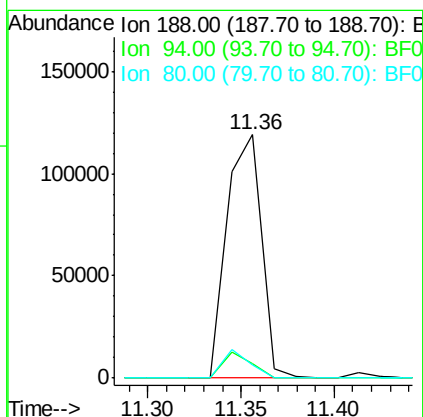
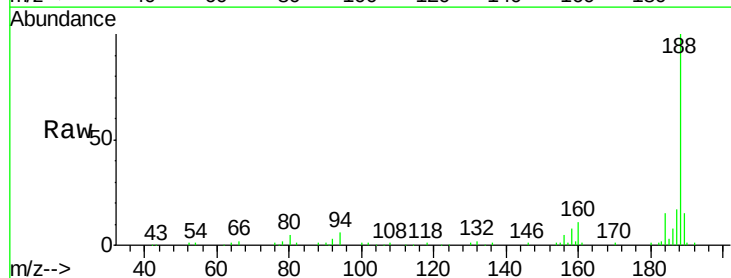
Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

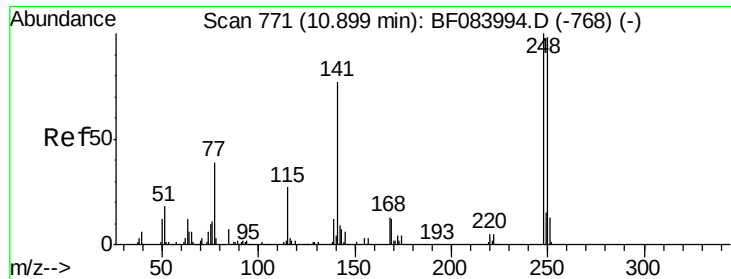
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	9.0	13.4#
80	5.5	9.6	14.4#

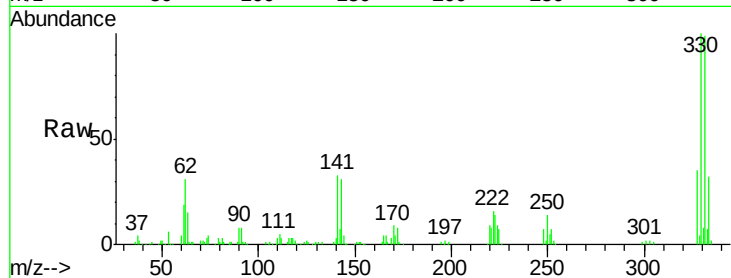




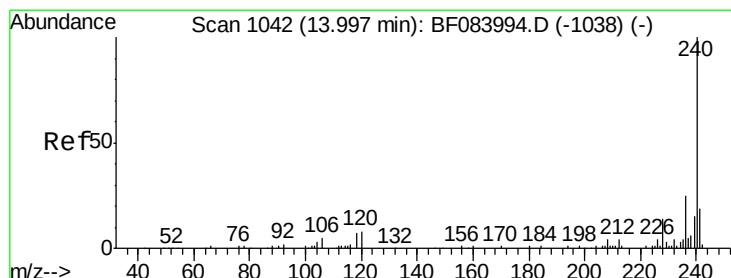
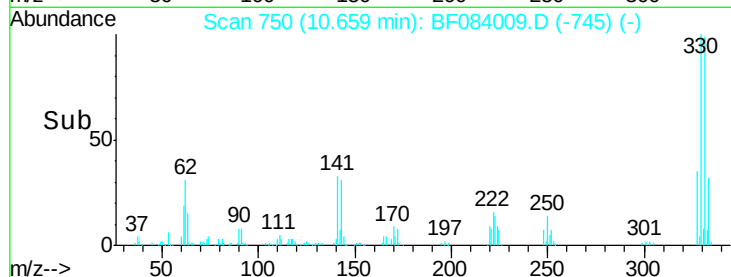
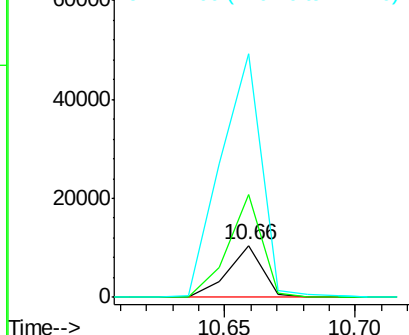
#66
 4-Bromophenyl-phenylether
 Concen: 5.44 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.24 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:248 Resp: 9669
 Ion Ratio Lower Upper
 248 100
 250 198.7 78.4 117.6#
 141 469.6 44.0 66.0#

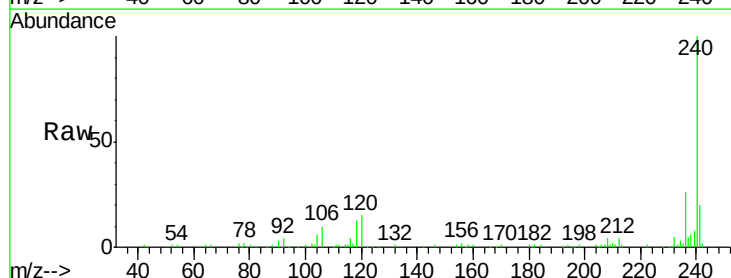


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

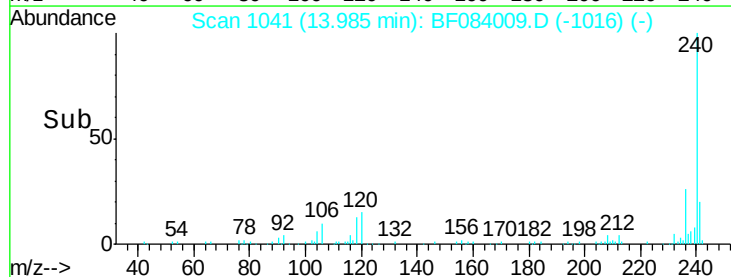
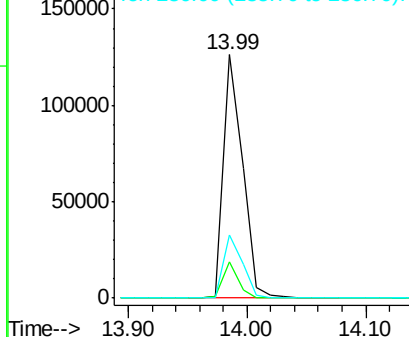


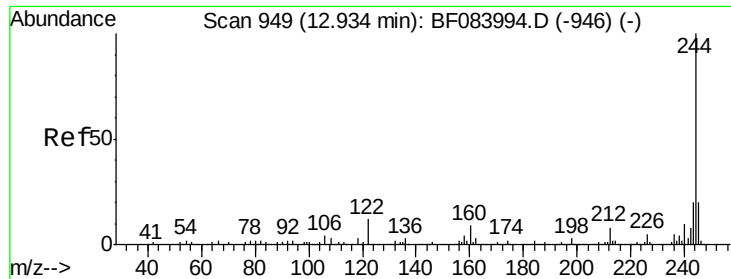
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

Tgt Ion:240 Resp: 139044
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 26.1 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

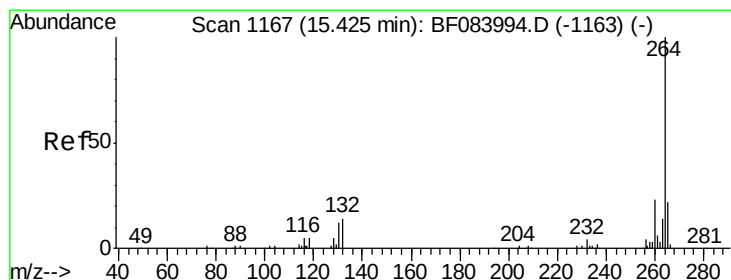
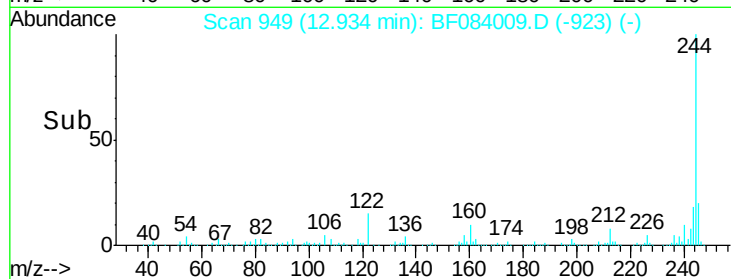
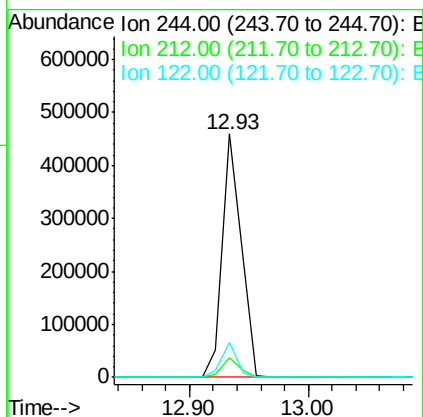
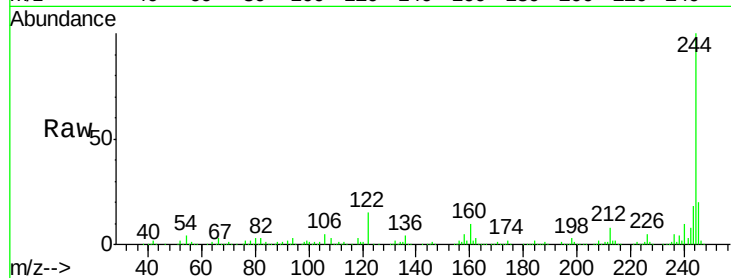




#78
 Terphenyl-d14
 Concen: 86.28 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:244 Resp: 503040
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 14.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084009.D
 Acq: 23 Dec 2015 1:01

Tgt Ion:264 Resp: 108827
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.1 17.8 26.6

