

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084308.D
 Acq On : 7 Jan 2016 16:33
 Operator : SJ/UM
 Sample : H1028-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW002

Quant Time: Jan 08 00:03:42 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

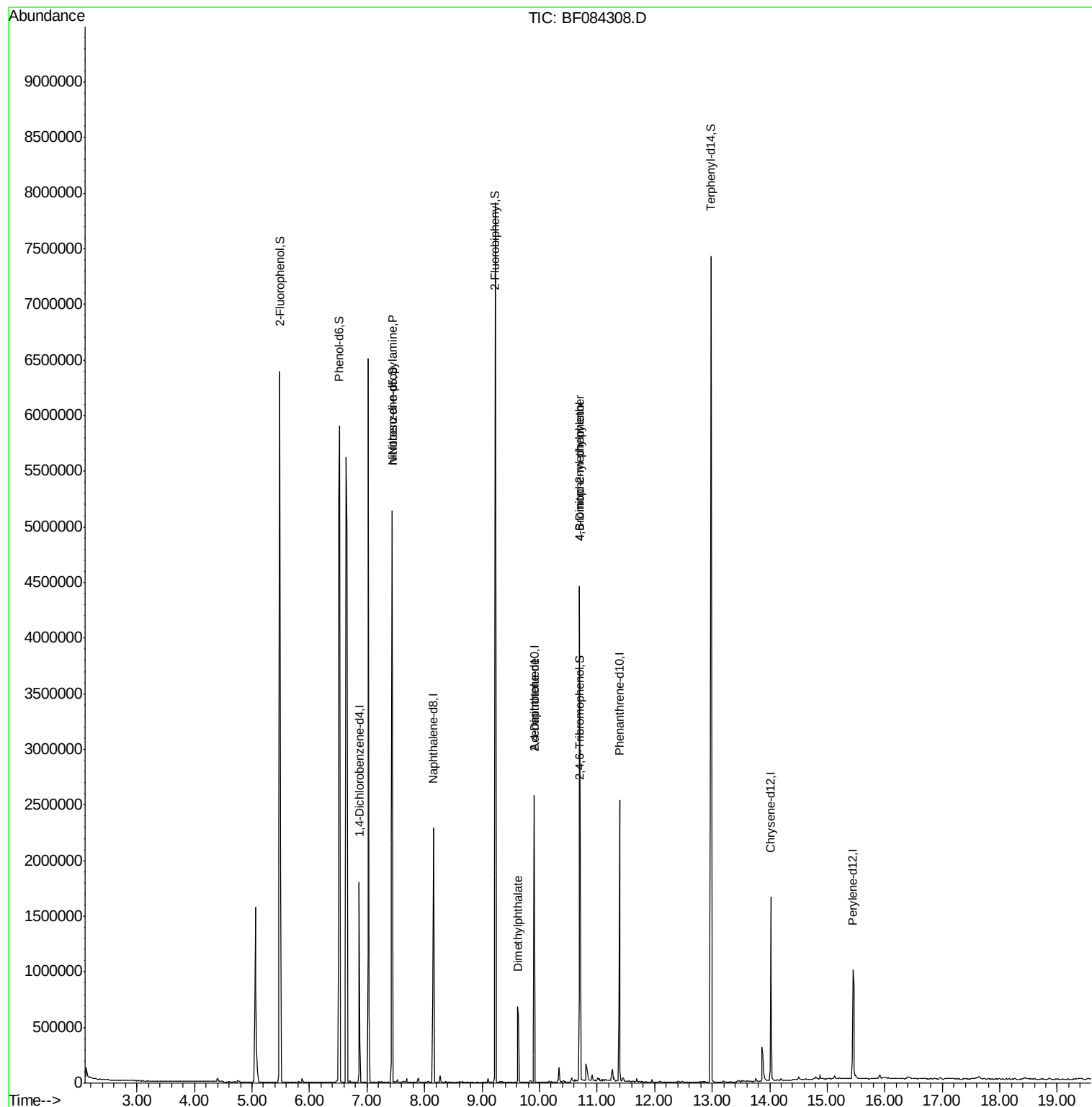
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	237112	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1046654	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	467098	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	866244	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	681573	20.00	ng	-0.05
86) Perylene-d12	15.45	264	536520	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1984261	135.36	ng	-0.01
7) Phenol-d6	6.52	99	2895448	157.27	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1693661	90.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	679208	144.03	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2468277	93.60	ng	-0.03
78) Terphenyl-d14	12.98	244	2383997	78.08	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	248724	19.96	ng	# 70
49) Dimethylphthalate	9.63	163	406973	12.19	ng	# 90
54) Dibenzofuran	10.11	168	488	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.90	165	59649	6.44	ng	# 22
57) Fluorene	10.69	166	24446	Below Cal	#	92
64) 4,6-Dinitro-2-methylphenol	10.69	198	1888	6.68	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	38951	4.18	ng	# 1
73) Di-n-butylphthalate	11.95	149	15983	Below Cal	#	95

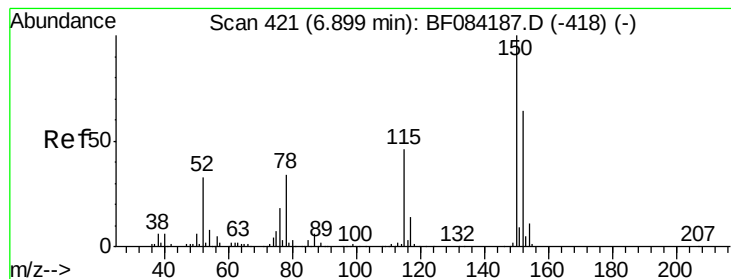
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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: BF084308.D

Acq: 7 Jan 2016 16:33

Instrument :

BNA_F

ClientSampleId :

SW002

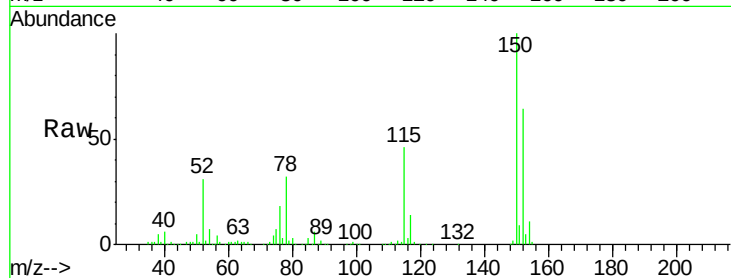
Tgt Ion:152 Resp: 237112

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

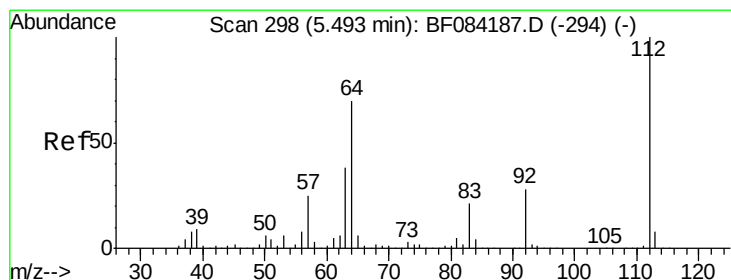
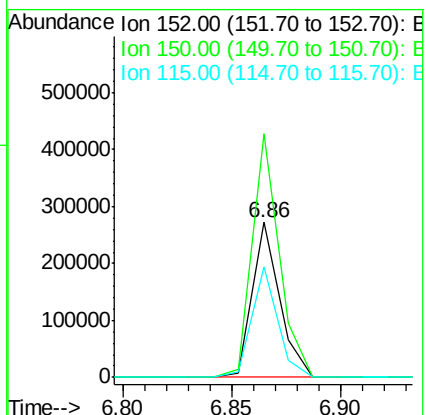
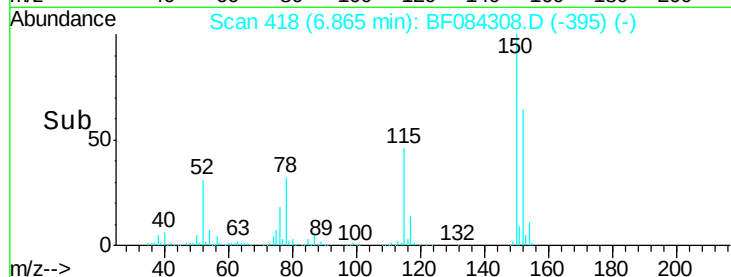
115 71.6 51.4 77.2



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: 135.36 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

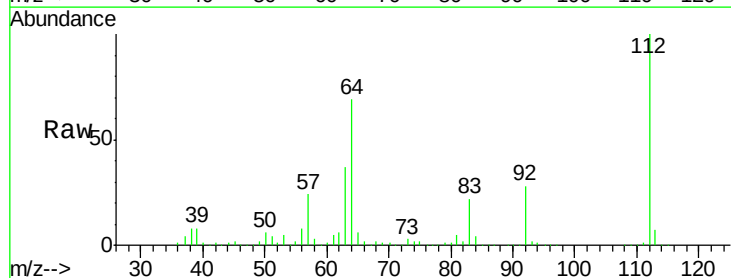
Tgt Ion:112 Resp: 1984261

Ion Ratio Lower Upper

112 100

64 69.5 36.6 55.0#

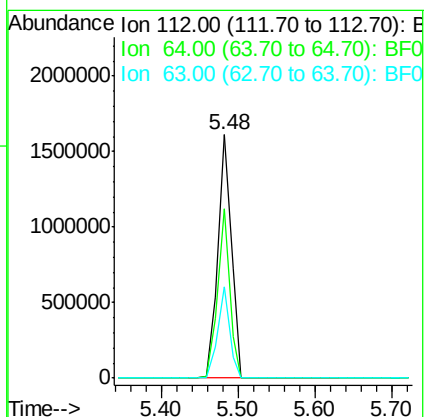
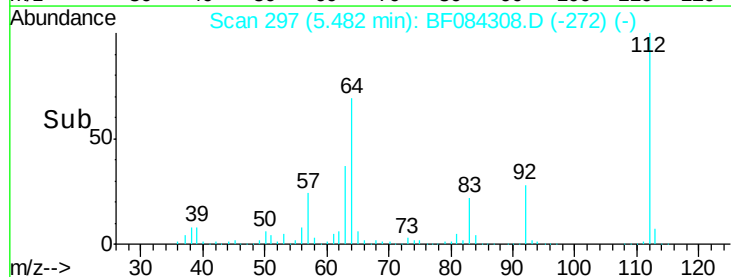
63 37.4 19.4 29.0#

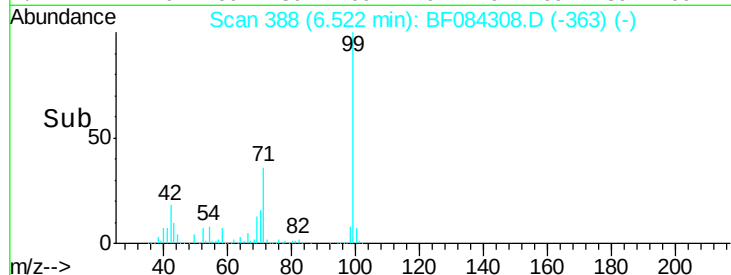
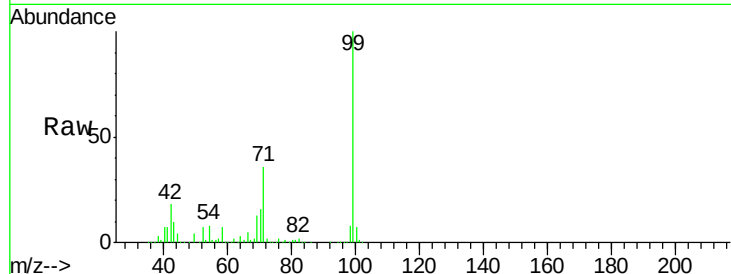
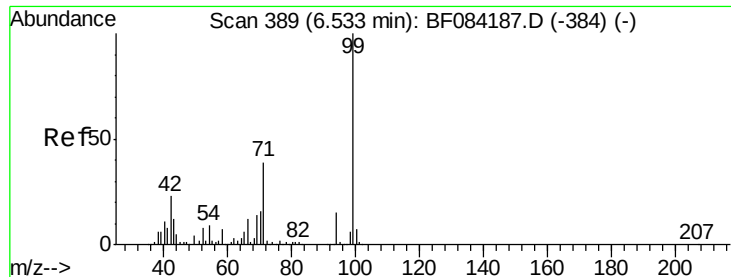


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 157.27 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

Instrument :

BNA_F

ClientSampleId :

SW002

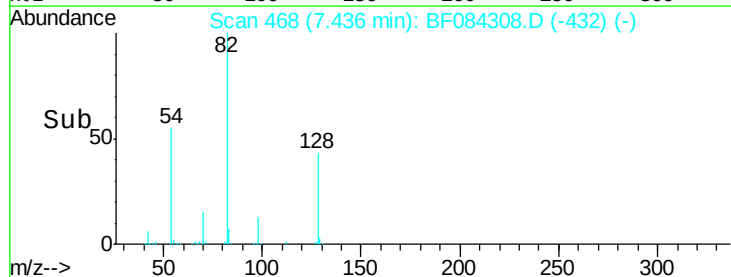
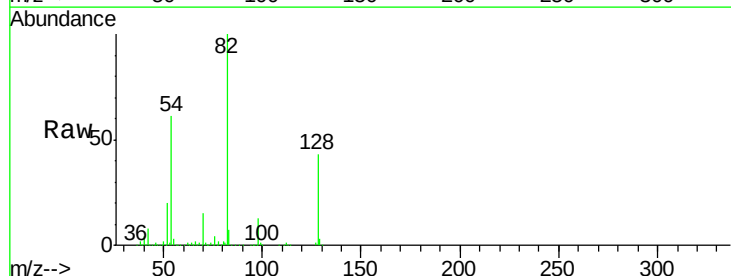
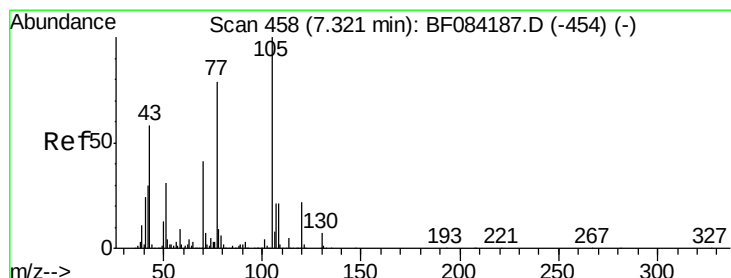
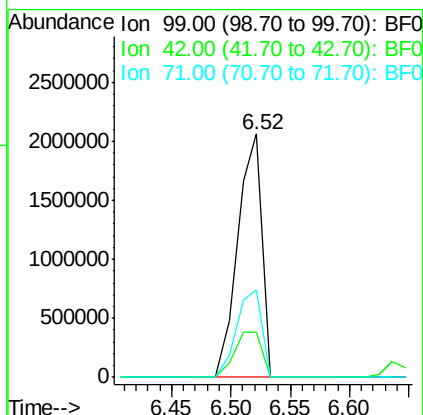
Tgt Ion: 99 Resp: 2895448

Ion Ratio Lower Upper

99 100

42 18.3 12.8 19.2

71 35.7 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.96 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

Tgt Ion: 70 Resp: 248724

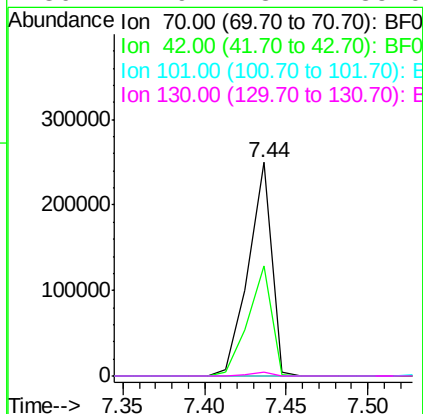
Ion Ratio Lower Upper

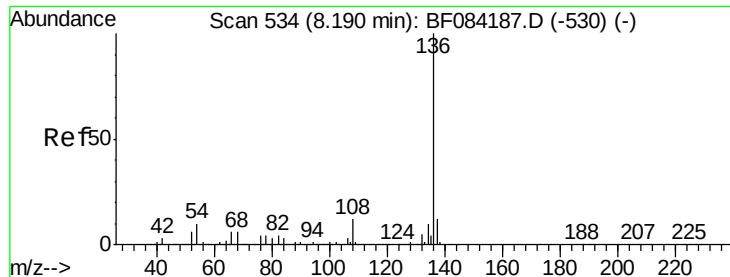
70 100

42 51.7 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: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

Instrument :

BNA_F

ClientSampleId :

SW002

Tgt Ion:136 Resp: 1046654

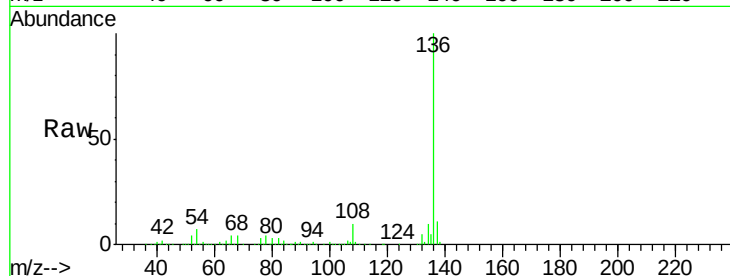
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.5 5.8 8.8

68 4.4 4.2 6.2

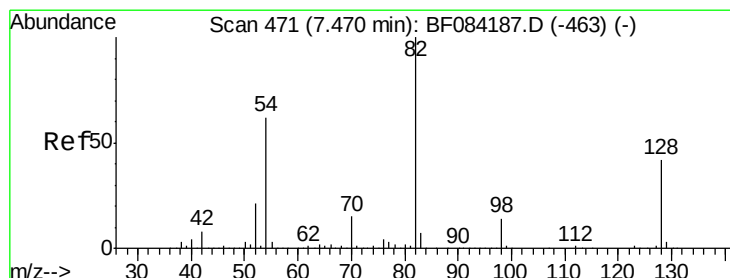
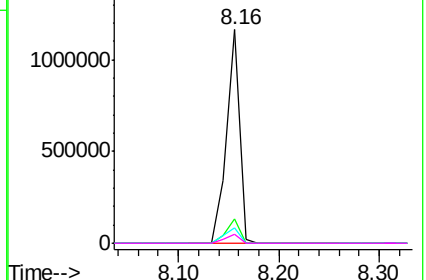
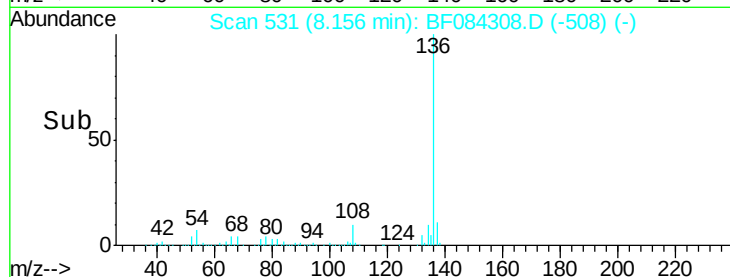


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.06 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

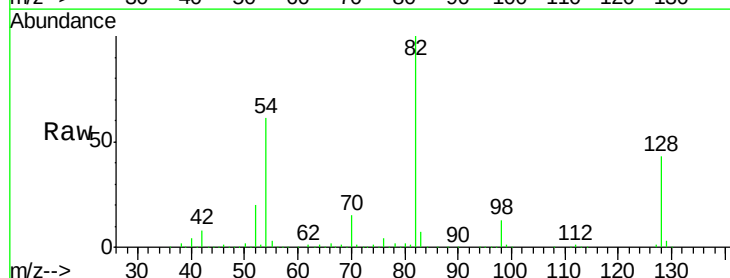
Tgt Ion: 82 Resp: 1693661

Ion Ratio Lower Upper

82 100

128 42.9 34.6 51.8

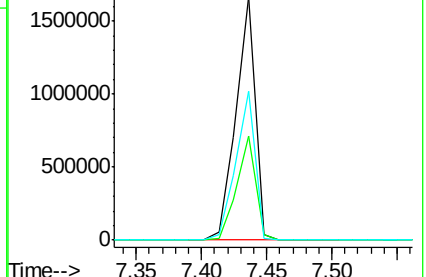
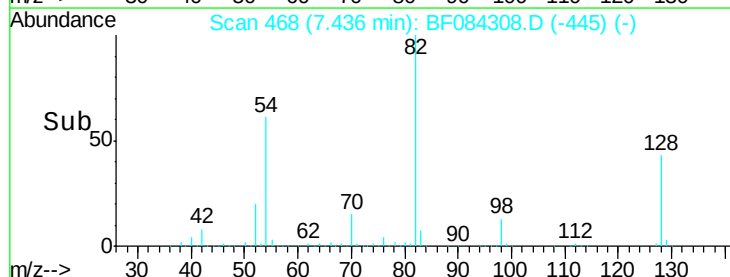
54 61.0 38.4 57.6#

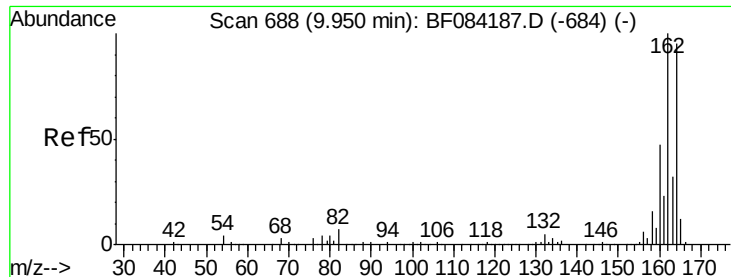


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

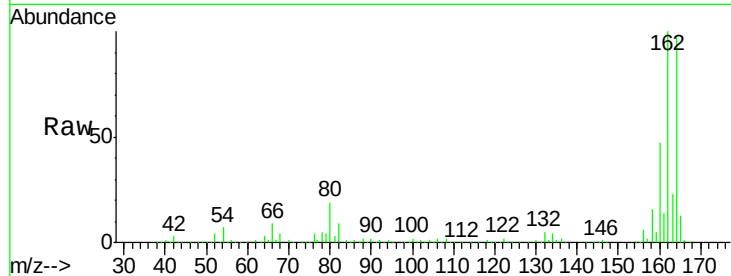




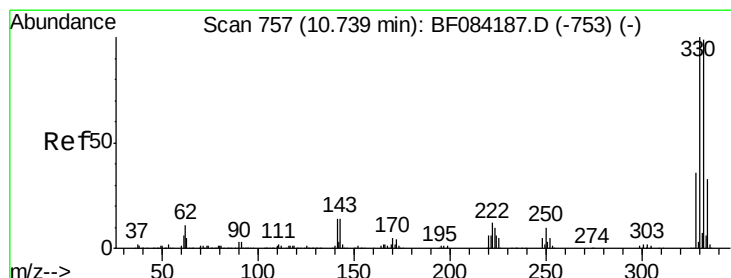
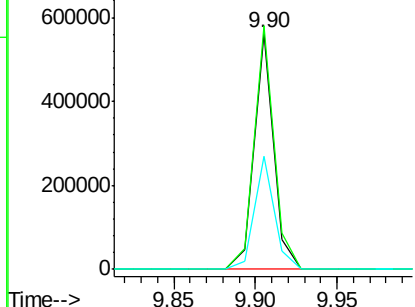
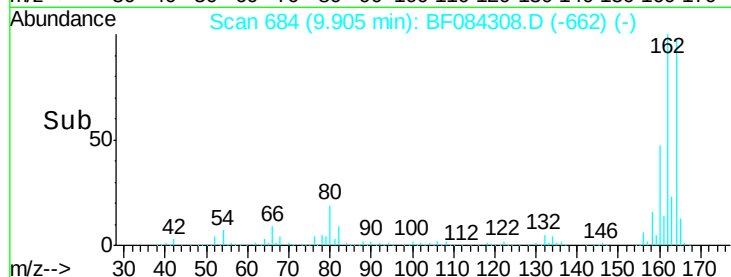
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084308.D
 Acq: 7 Jan 2016 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SW002

Tgt Ion:164 Resp: 467098
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.1 127.7
 160 48.0 37.5 56.3

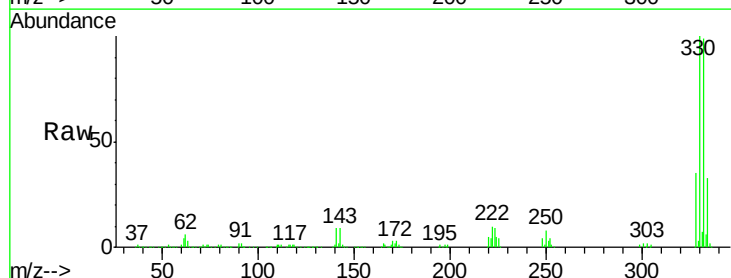


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

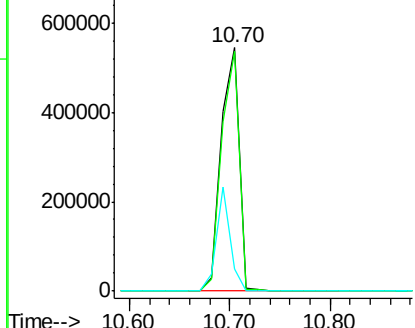
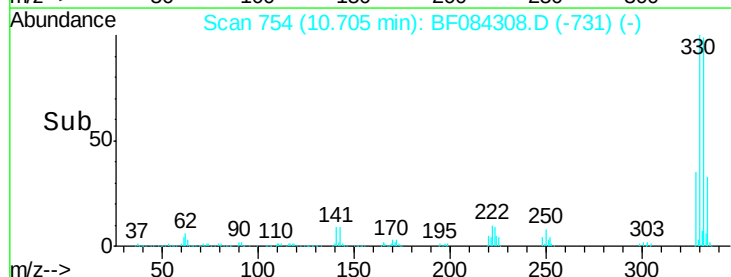


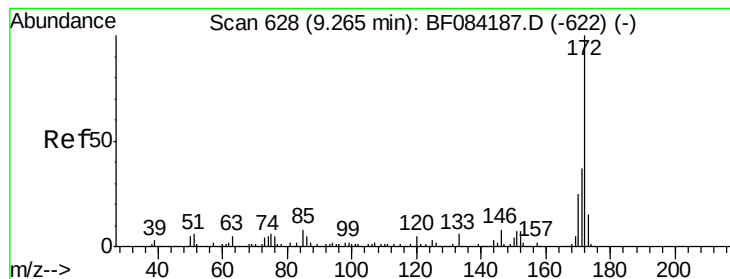
#41
 2,4,6-Tribromophenol
 Concen: 144.03 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084308.D
 Acq: 7 Jan 2016 16:33

Tgt Ion:330 Resp: 679208
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 32.9 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: 93.60 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

Instrument :

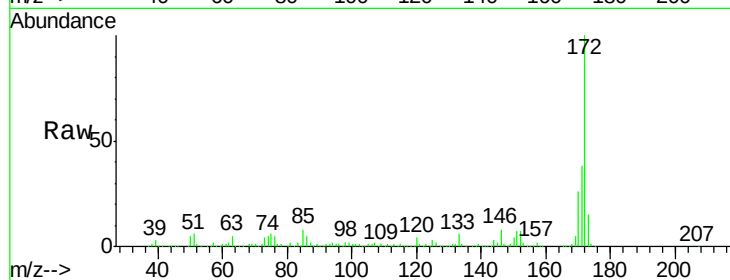
BNA_F

ClientSampleId :

SW002

Tgt Ion:172 Resp: 2468277

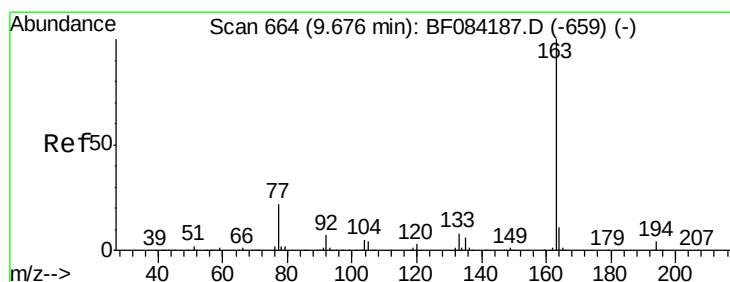
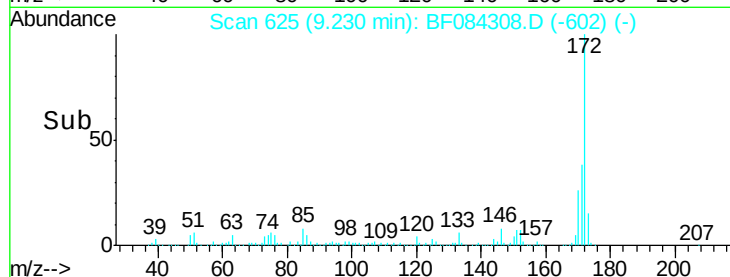
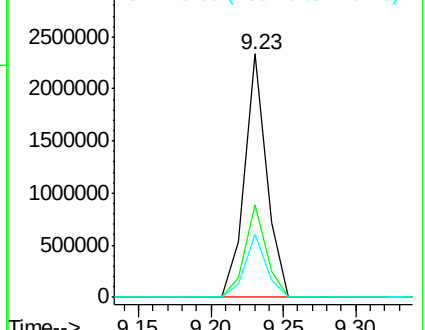
Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	26.1	18.6	27.8



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: 12.19 ng

RT: 9.63 min Scan# 660

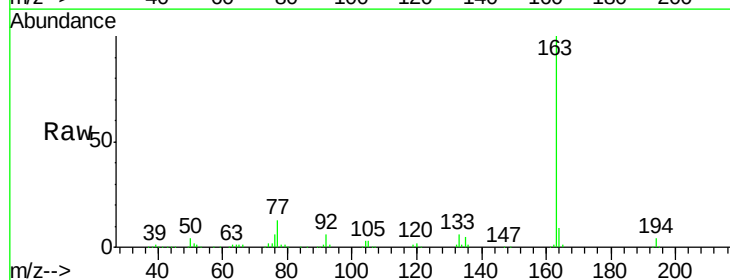
Delta R.T. -0.05 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

Tgt Ion:163 Resp: 406973

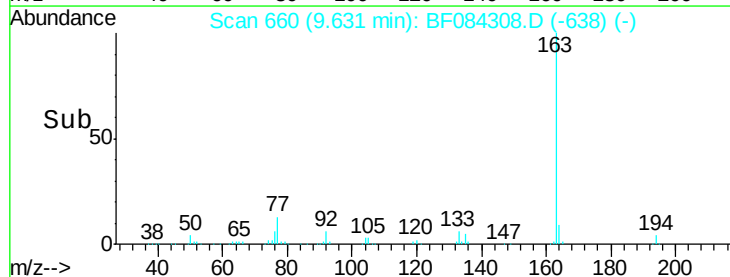
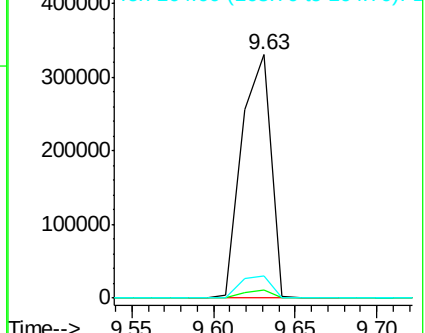
Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.2	8.0	12.0

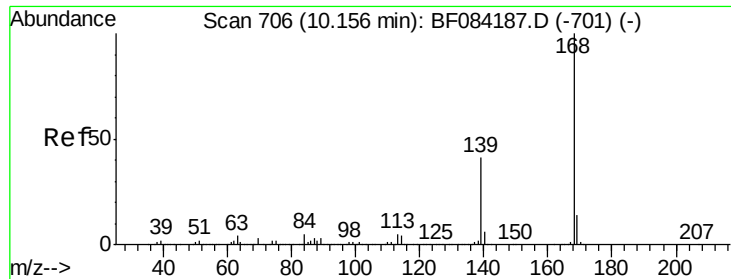


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: Below Cal

RT: 10.11 min Scan# 702

Delta R.T. -0.05 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

Instrument :

BNA_F

ClientSampleId :

SW002

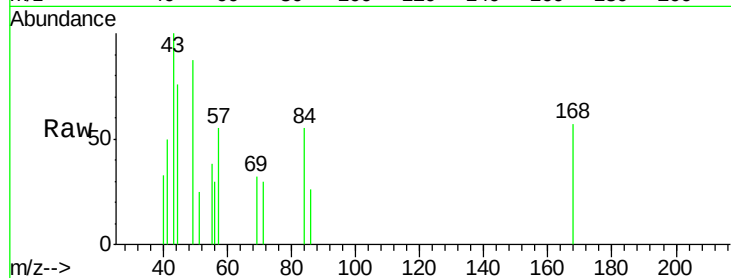
Tgt Ion:168 Resp: 488

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

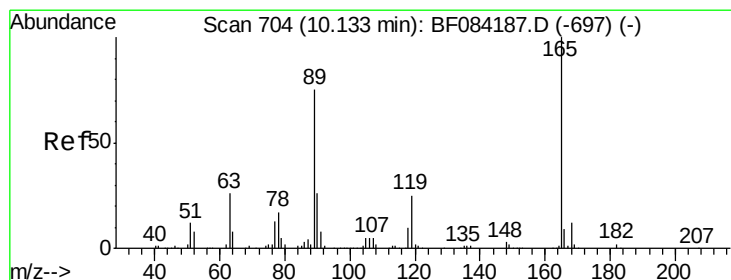
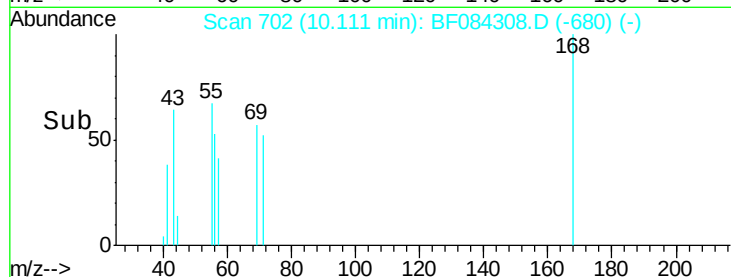
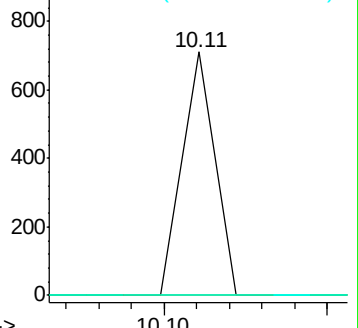
169 0.0 10.4 15.6#



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: 6.44 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.23 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

Tgt Ion:165 Resp: 59649

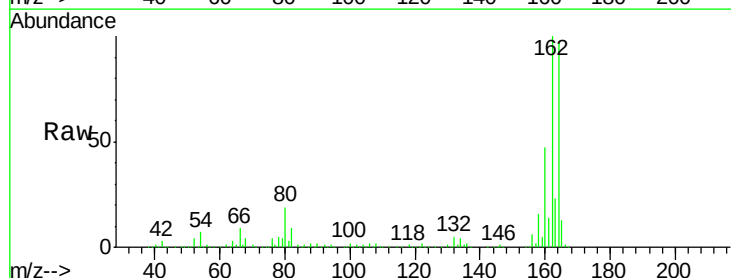
Ion Ratio Lower Upper

165 100

63 1.9 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

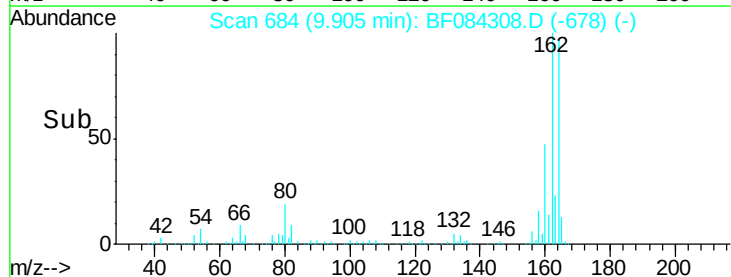
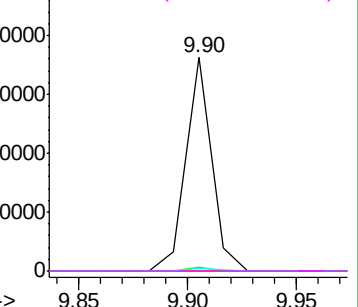


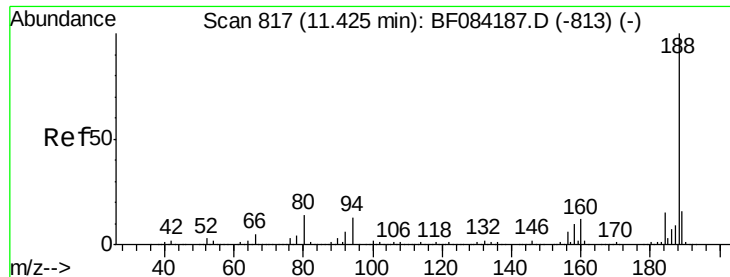
Abundance Ion 165.00 (164.70 to 165.70): E

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

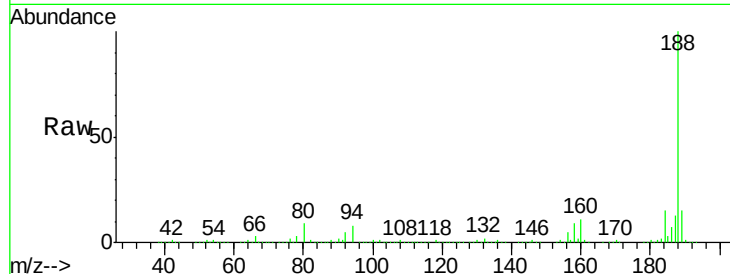




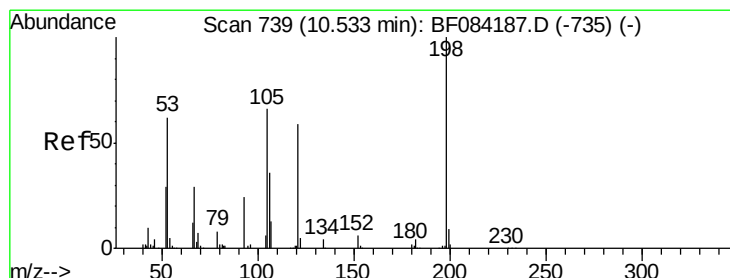
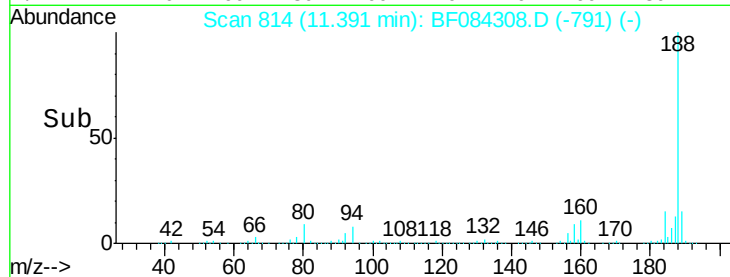
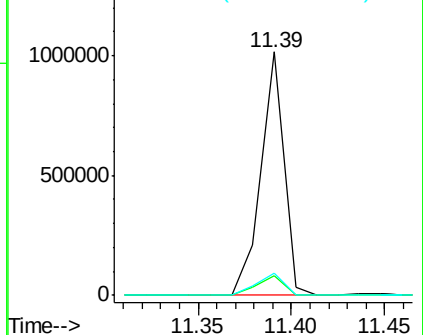
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF084308.D
 Acq: 7 Jan 2016 16:33

Instrument :
 BNA_F
 ClientSampleID :
 SW002

Tgt Ion:188 Resp: 866244
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.0 13.4#
 80 9.1 9.6 14.4#

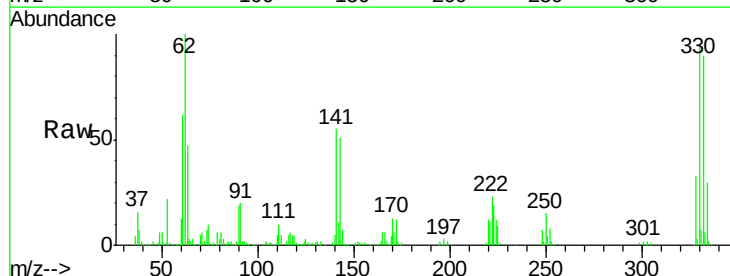


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

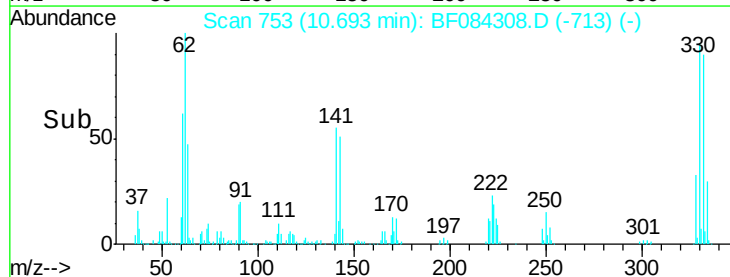
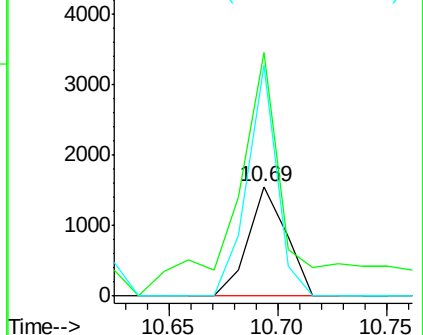


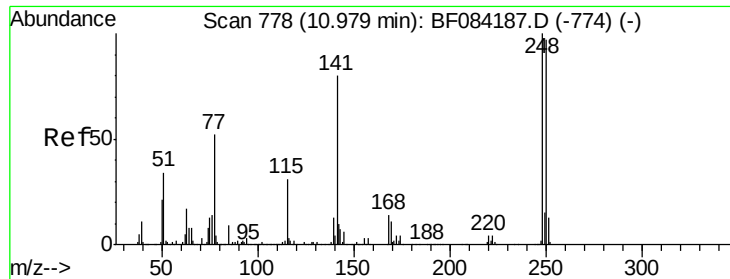
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.68 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.16 min
 Lab File: BF084308.D
 Acq: 7 Jan 2016 16:33

Tgt Ion:198 Resp: 1888
 Ion Ratio Lower Upper
 198 100
 51 222.1 18.9 58.9#
 105 210.4 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

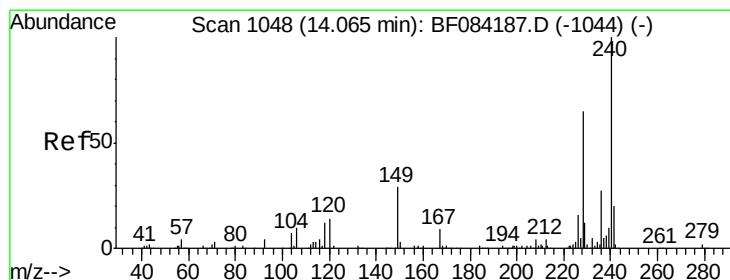
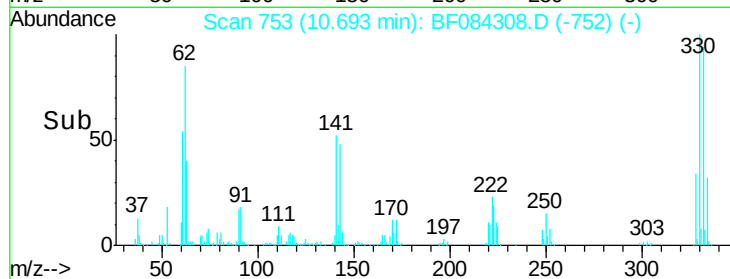
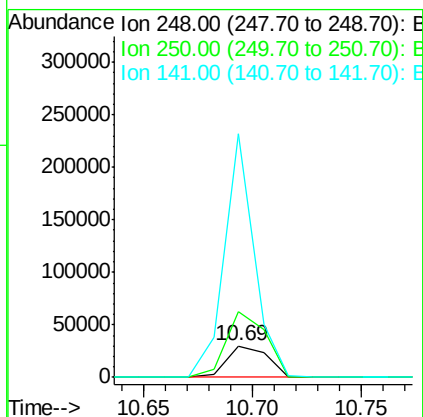
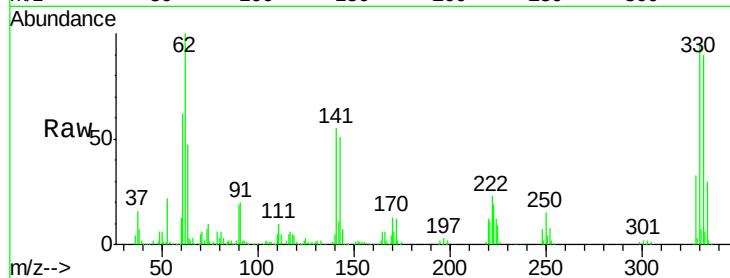




#66
 4-Bromophenyl-phenylether
 Concen: 4.18 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.29 min
 Lab File: BF084308.D
 Acq: 7 Jan 2016 16:33

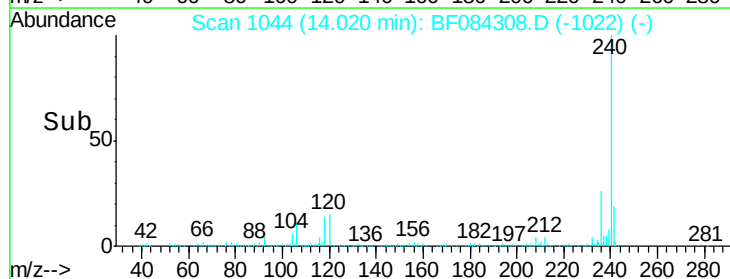
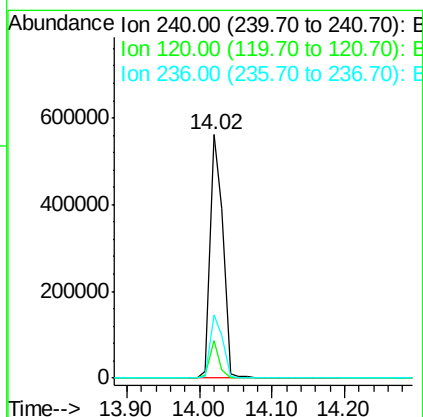
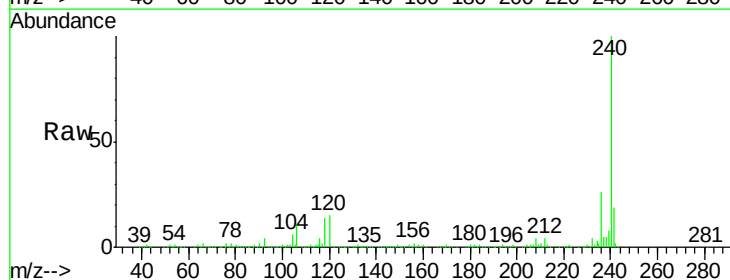
Instrument :
 BNA_F
 ClientSampleId :
 SW002

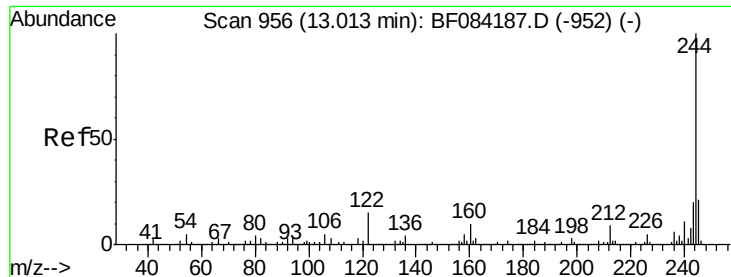
Tgt Ion:248 Resp: 38951
 Ion Ratio Lower Upper
 248 100
 250 206.8 78.4 117.6#
 141 773.1 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF084308.D
 Acq: 7 Jan 2016 16:33

Tgt Ion:240 Resp: 681573
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 25.8 20.6 31.0





#78

Terphenyl-d14

Concen: 78.08 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

Instrument :

BNA_F

ClientSampleId :

SW002

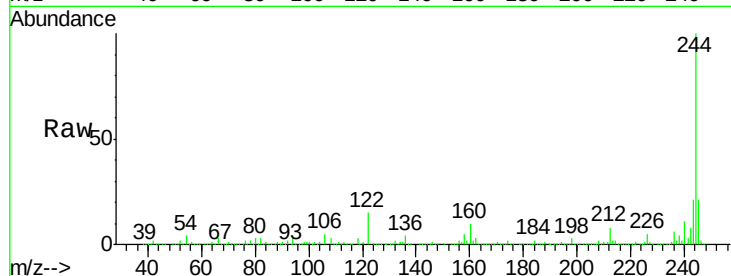
Tgt Ion:244 Resp: 2383997

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

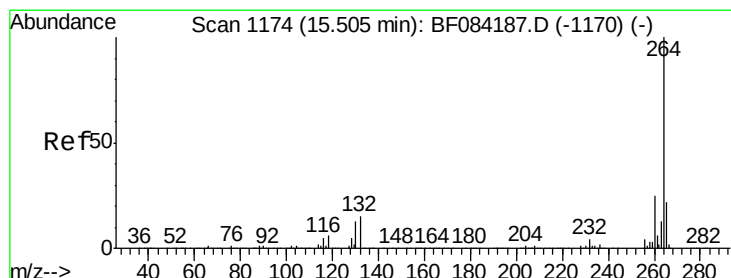
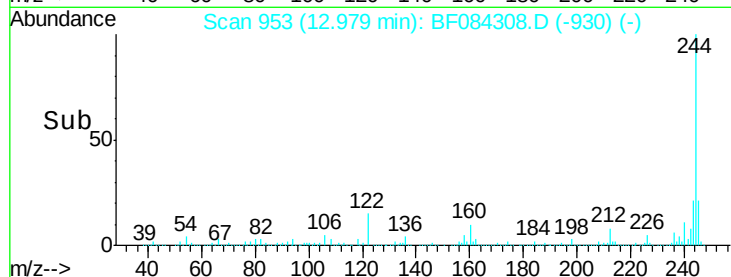
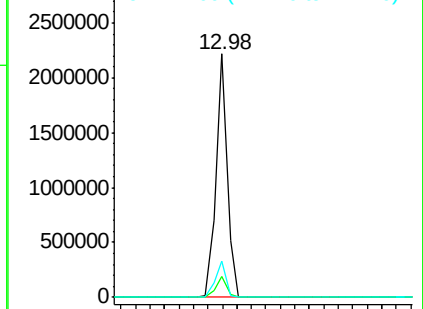
122 14.9 7.4 11.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084308.D

Acq: 7 Jan 2016 16:33

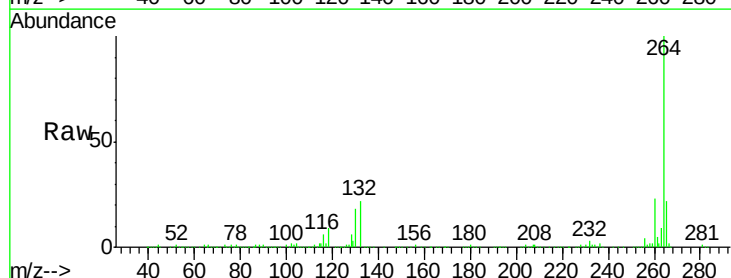
Tgt Ion:264 Resp: 536520

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.8 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

