

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085868.D
 Acq On : 30 Mar 2016 00:18
 Operator : UM/SJ
 Sample : H2008-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Mar 29 23:55:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

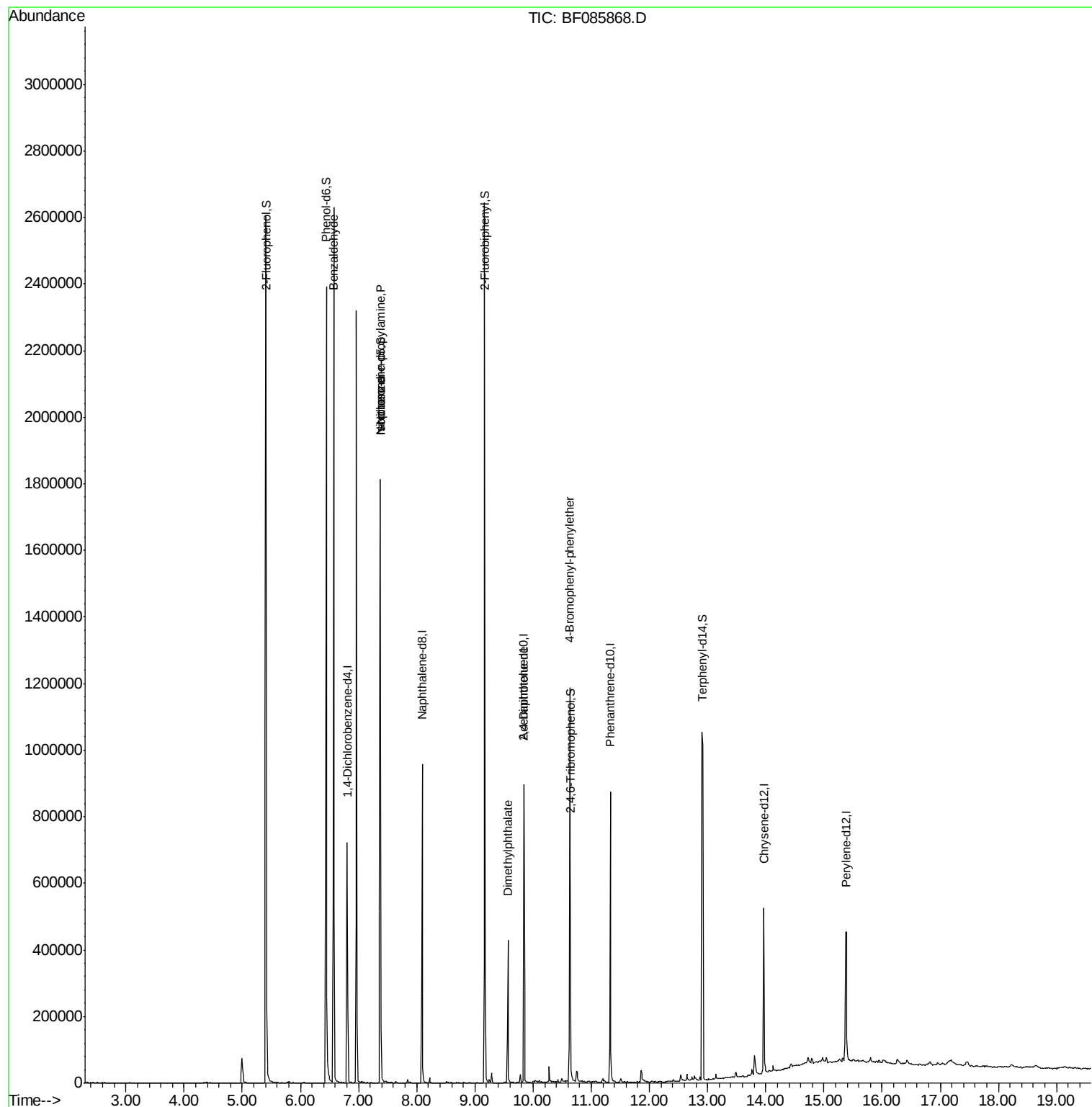
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111774	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	449150	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	179221	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	296122	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	239586	20.00	ng	-0.01
86) Perylene-d12	15.39	264	218877	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	834966	124.41	ng	0.00
7) Phenol-d6	6.45	99	979876	114.83	ng	-0.01
23) Nitrobenzene-d5	7.37	82	625380	78.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	180484	105.99	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	773390	72.10	ng	-0.02
78) Terphenyl-d14	12.92	244	473126	40.61	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	16304	3.17	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.37	70	83051	16.25	ng	# 78
25) Isophorone	7.37	82	498996	32.48	ng	# 68
37) 2-Methylnaphthalene	8.81	142	900	Below Cal		# 72
49) Dimethylphthalate	9.57	163	186515	13.72	ng	99
56) 2,4-Dinitrotoluene	9.84	165	22401	6.02	ng	# 36
66) 4-Bromophenyl-phenylether	10.63	248	11271	3.72	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: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

Instrument :

BNA_F

ClientSampled :

TP-13

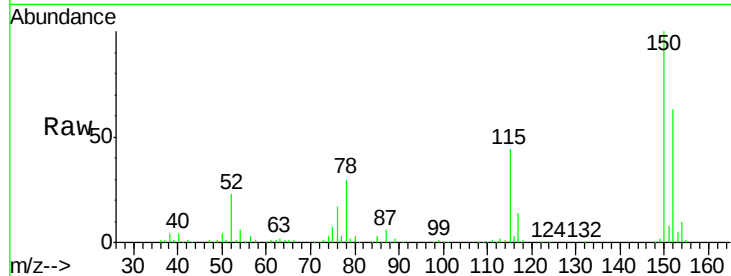
Tgt Ion:152 Resp: 111774

Ion Ratio Lower Upper

152 100

150 157.7 124.2 186.2

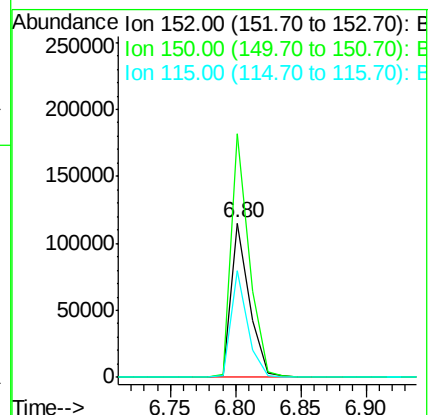
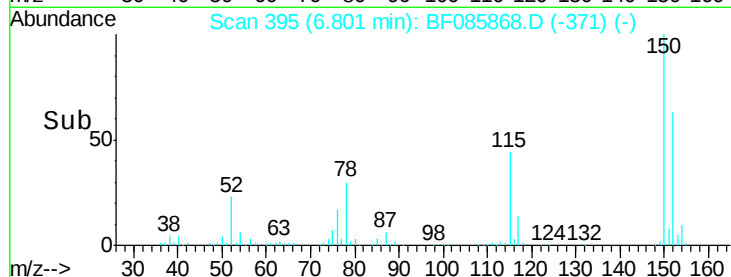
115 68.8 47.0 70.6



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: 124.41 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

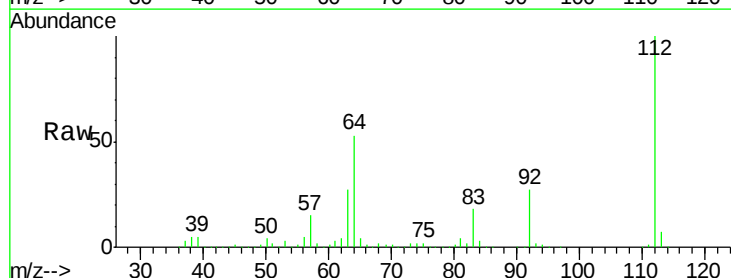
Tgt Ion:112 Resp: 834966

Ion Ratio Lower Upper

112 100

64 53.3 39.9 59.9

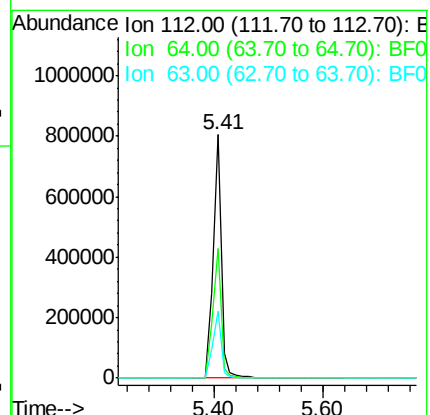
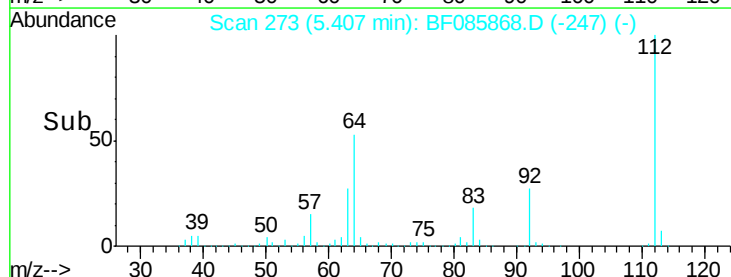
63 27.3 20.2 30.2



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: 114.83 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

Instrument :

BNA_F

ClientSampleId :

TP-13

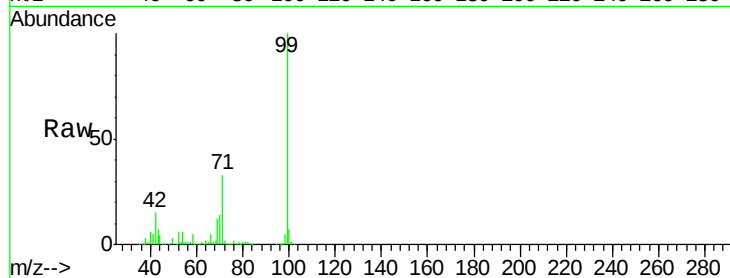
Tgt Ion: 99 Resp: 979876

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

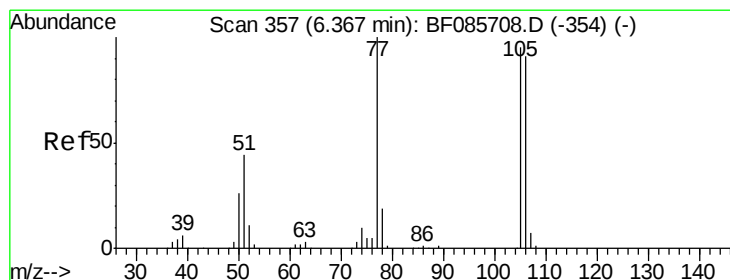
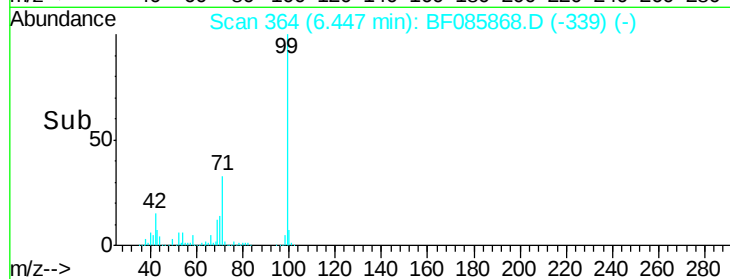
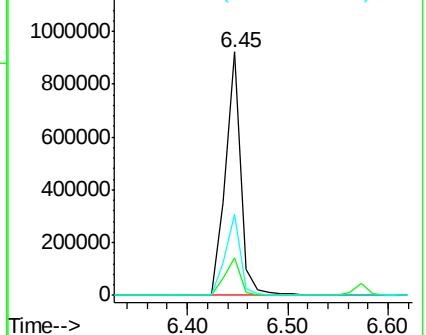
71 33.1 24.9 37.3



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: 3.17 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.21 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

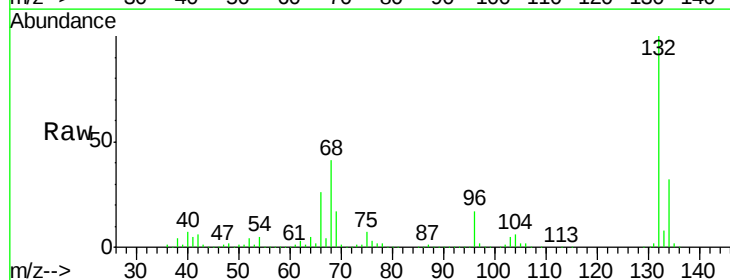
Tgt Ion: 77 Resp: 16304

Ion Ratio Lower Upper

77 100

105 84.4 80.1 120.1

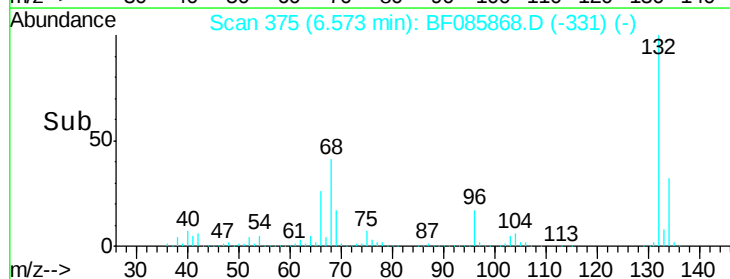
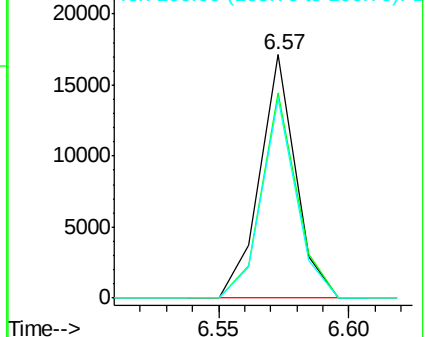
106 82.0 75.0 115.0

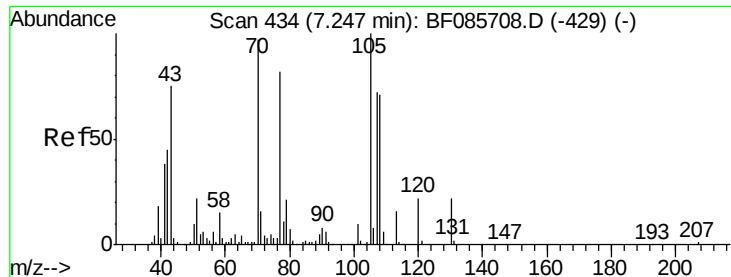


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 16.25 ng

RT: 7.37 min Scan# 445

Delta R.T. 0.13 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

Instrument :

BNA_F

ClientSampleId :

TP-13

Tgt Ion: 70 Resp: 83051

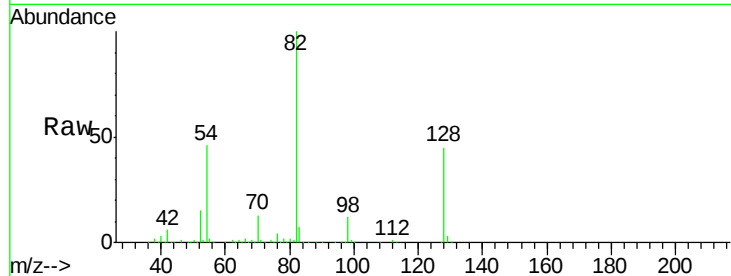
Ion Ratio Lower Upper

70 100

42 41.2 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

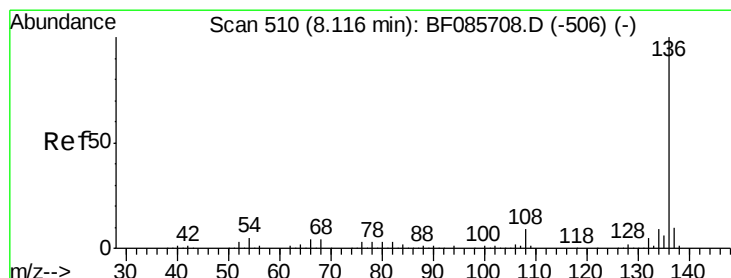
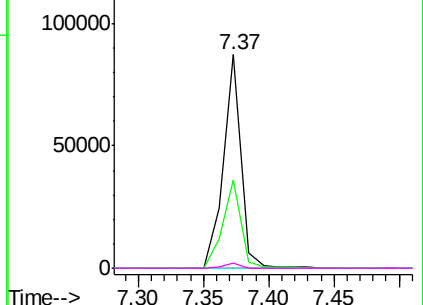
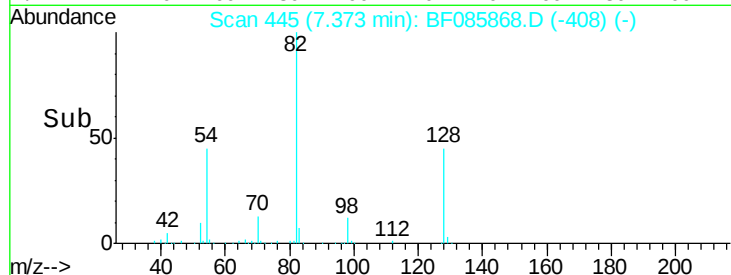


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

Tgt Ion: 136 Resp: 449150

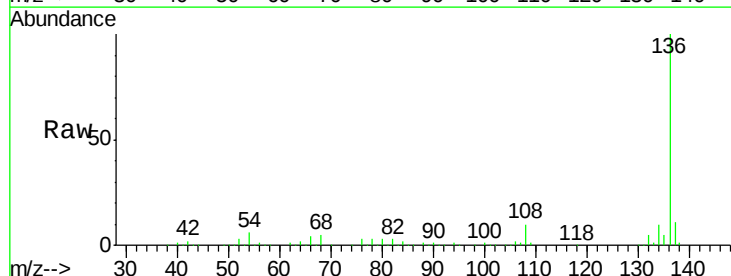
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 7.4 11.0#

68 5.1 5.8 8.8#

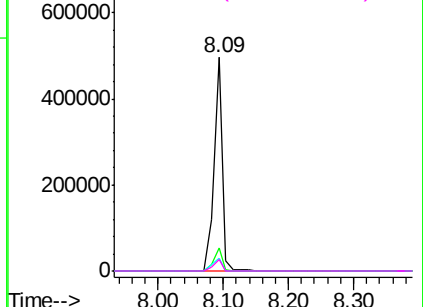
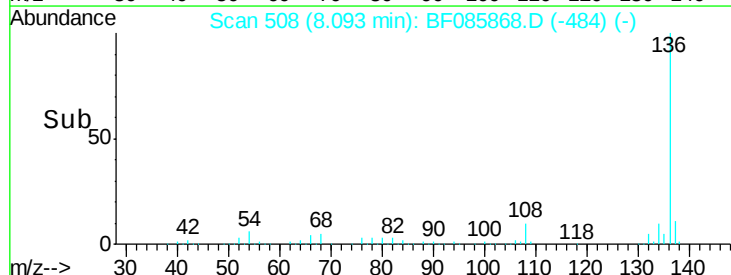


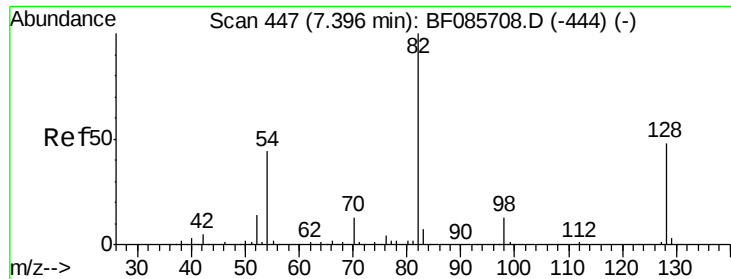
Abundance Ion 136.00 (135.70 to 136.70): E

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

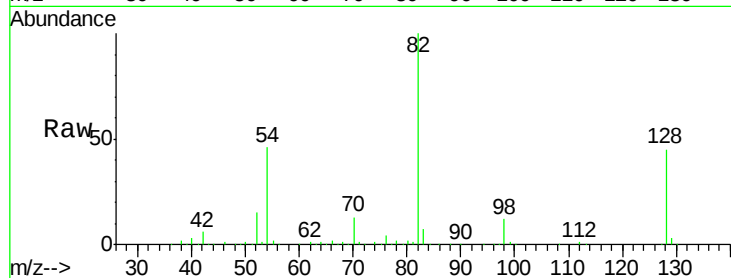




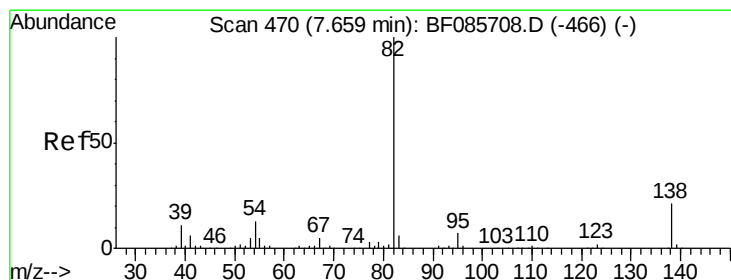
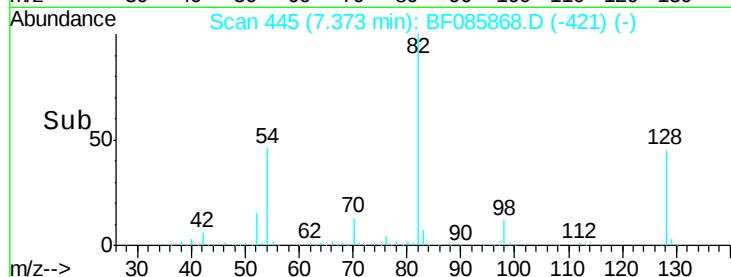
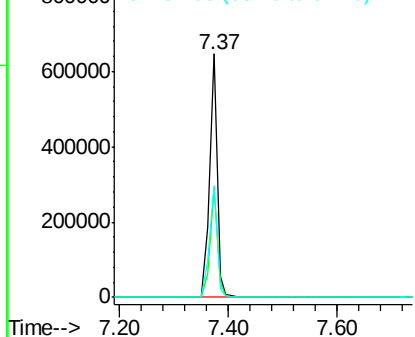
#23
 Nitrobenzene-d5
 Concen: 78.41 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085868.D
 Acq: 30 Mar 2016 00:18

Instrument :
 BNA_F
 ClientSampled :
 TP-13

Tgt Ion: 82 Resp: 625380
 Ion Ratio Lower Upper
 82 100
 128 44.6 41.8 62.8
 54 46.0 33.4 50.0

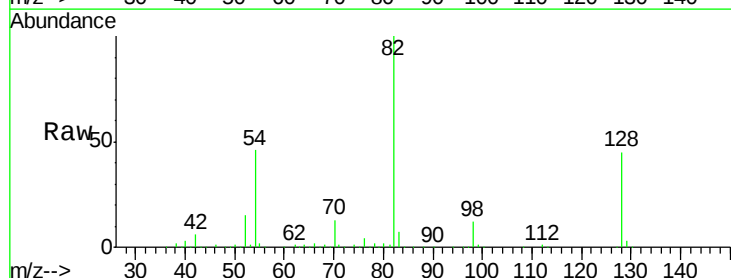


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

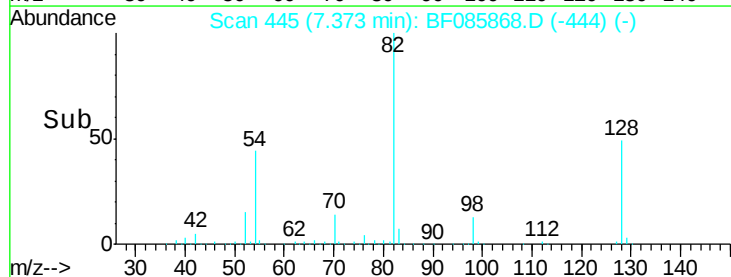
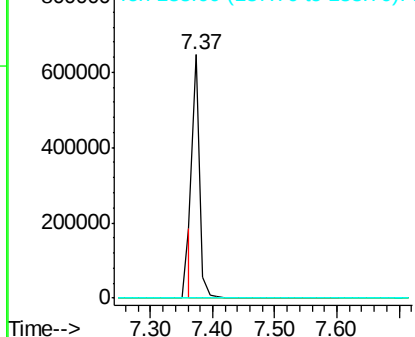


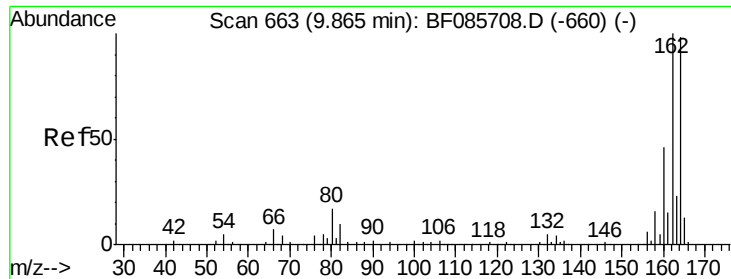
#25
 Isophorone
 Concen: 32.48 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.29 min
 Lab File: BF085868.D
 Acq: 30 Mar 2016 00:18

Tgt Ion: 82 Resp: 498996
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

Instrument :

BNA_F

ClientSampleId :

TP-13

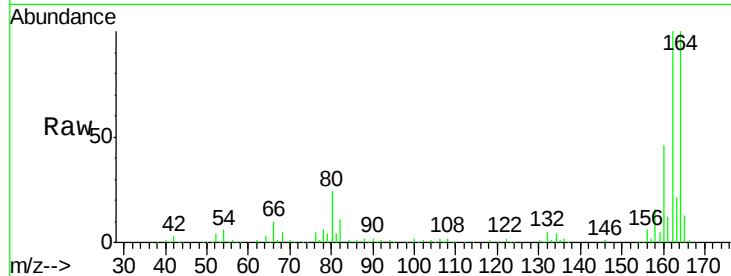
Tgt Ion:164 Resp: 179221

Ion Ratio Lower Upper

164 100

162 100.4 82.1 123.1

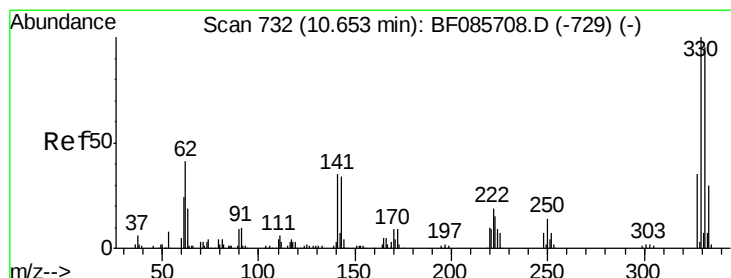
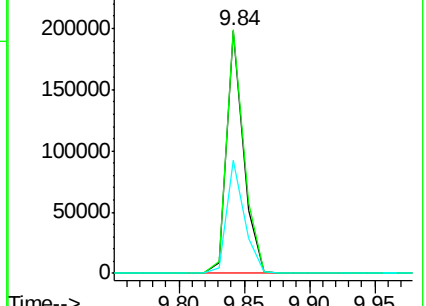
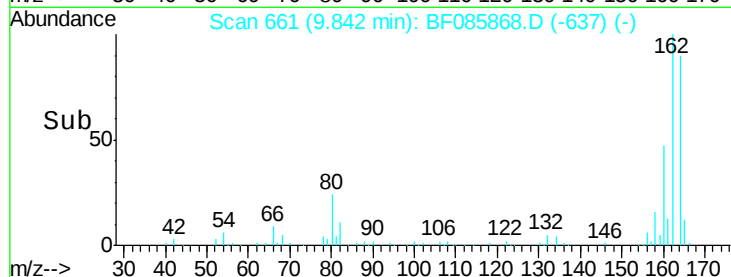
160 46.5 37.4 56.2



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: 105.99 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

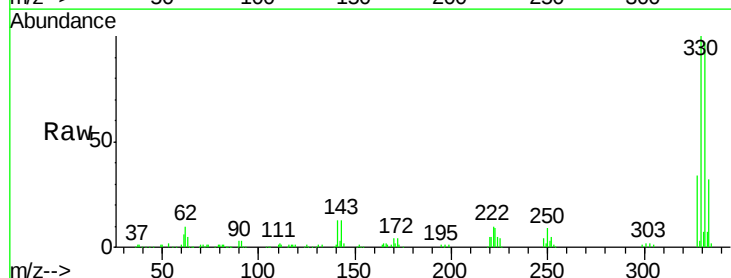
Tgt Ion:330 Resp: 180484

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

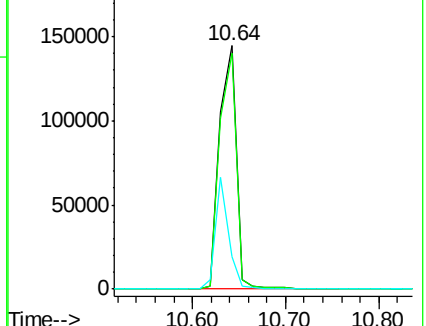
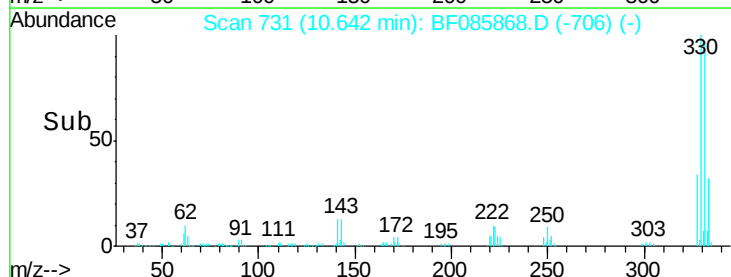
141 36.2 31.5 47.3

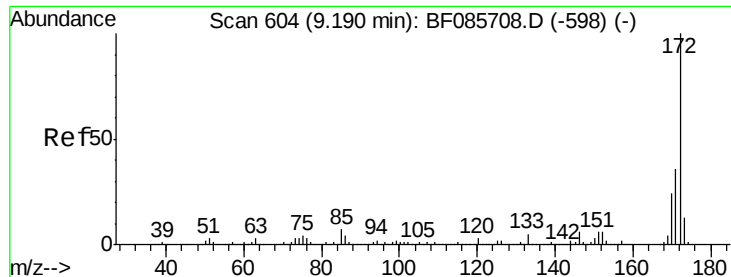


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

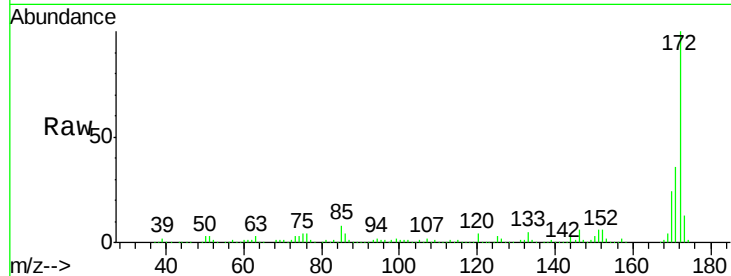




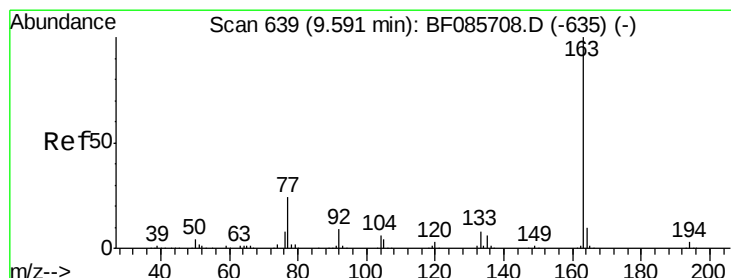
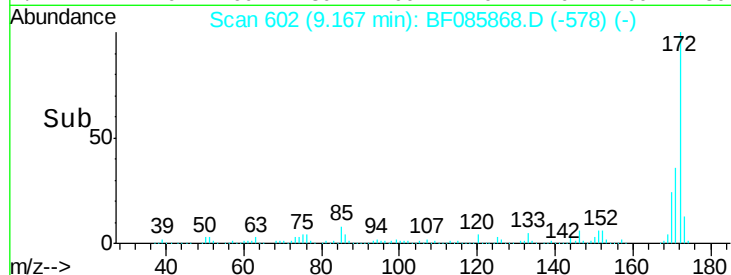
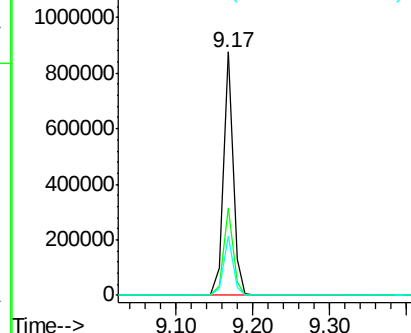
#44
 2-Fluorobiphenyl
 Concen: 72.10 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085868.D
 Acq: 30 Mar 2016 00:18

Instrument :
 BNA_F
 ClientSampled :
 TP-13

Tgt Ion:172 Resp: 773390
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.2 19.8 29.6

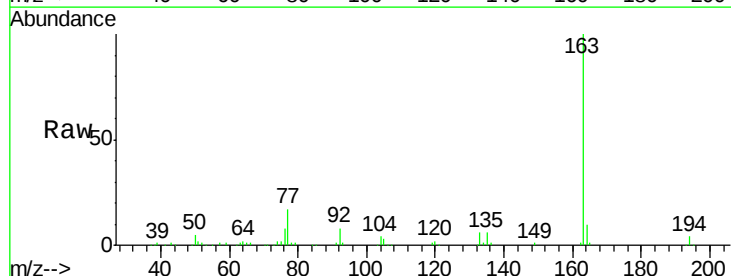


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

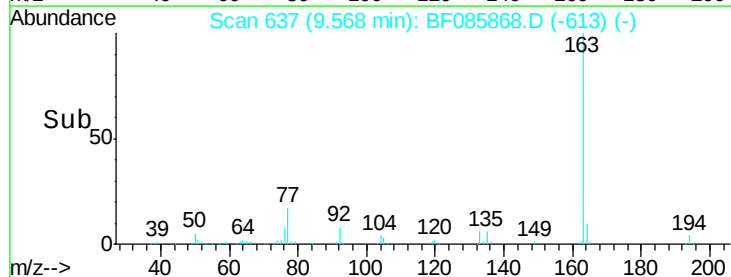
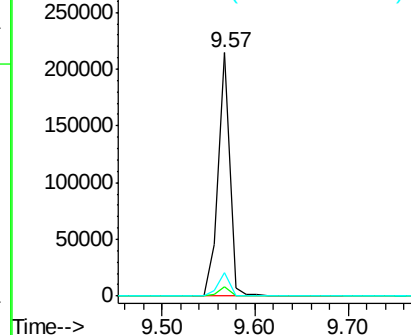


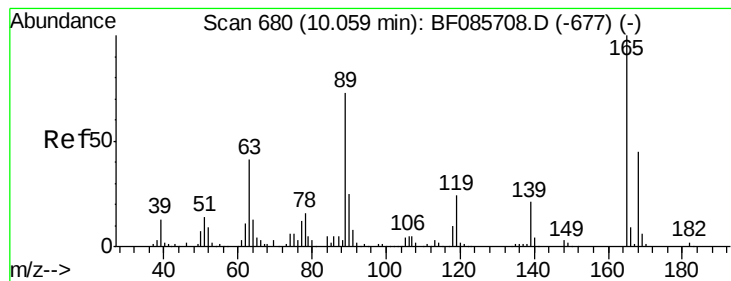
#49
 Dimethylphthalate
 Concen: 13.72 ng
 RT: 9.57 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF085868.D
 Acq: 30 Mar 2016 00:18

Tgt Ion:163 Resp: 186515
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 9.7 8.3 12.5



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

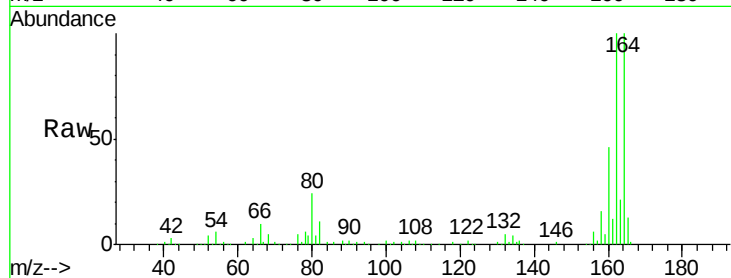




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.22 min
 Lab File: BF085868.D
 Acq: 30 Mar 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

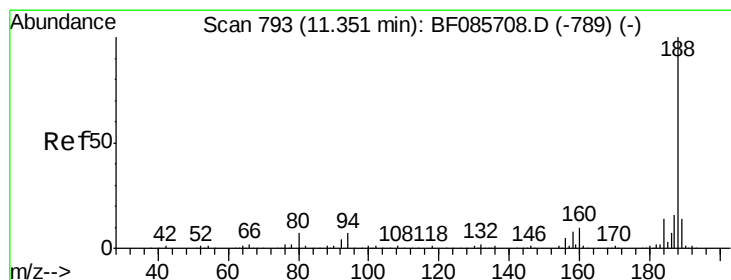
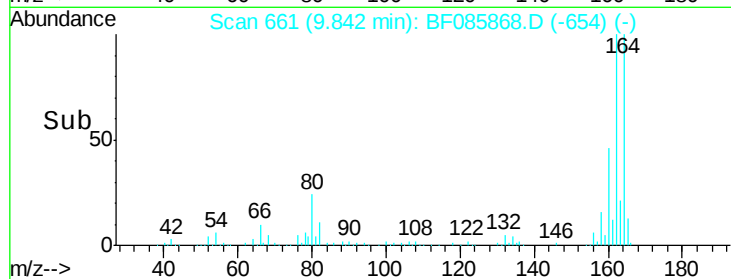
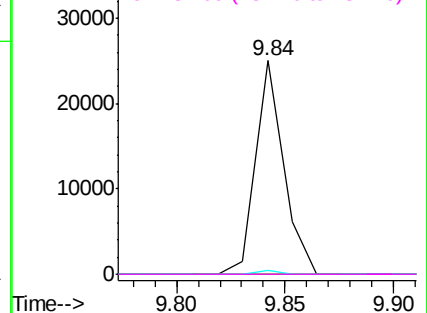


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

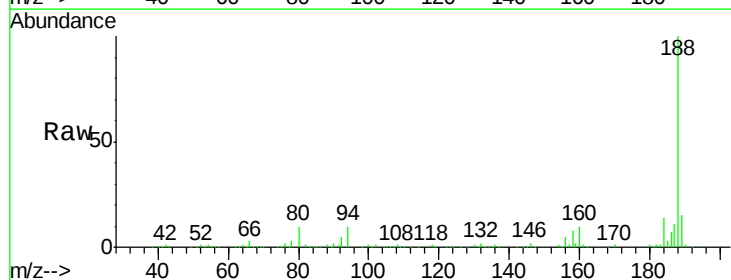
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF085868.D
 Acq: 30 Mar 2016 00:18

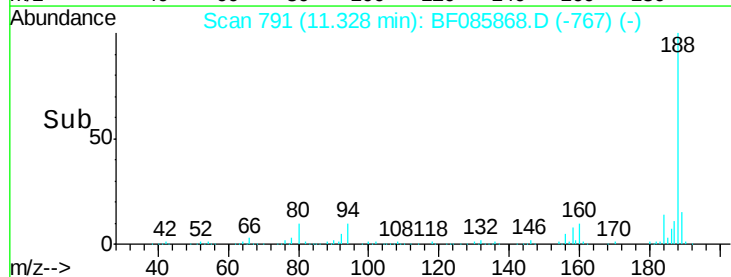
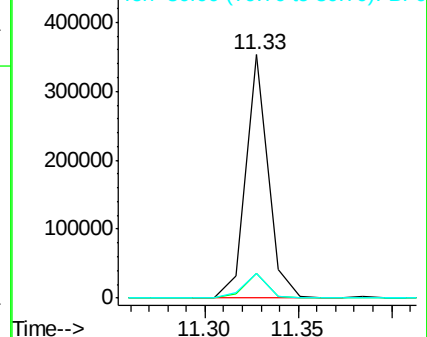
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	5.4	8.0#
80	10.2	5.5	8.3#

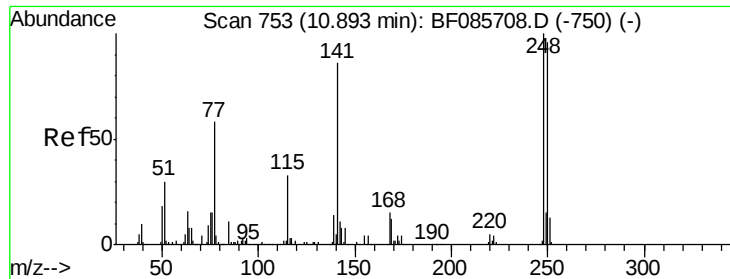


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.72 ng

RT: 10.63 min Scan# 730

Delta R.T. -0.26 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

Instrument :

BNA_F

ClientSampleId :

TP-13

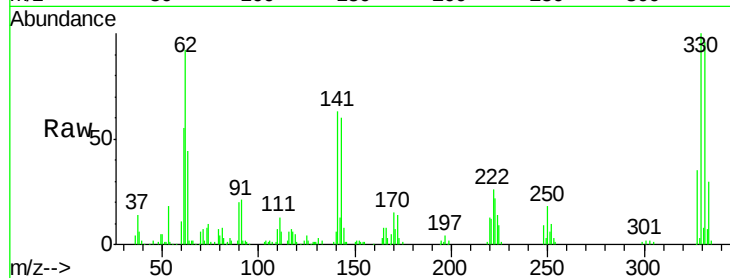
Tgt Ion:248 Resp: 11271

Ion Ratio Lower Upper

248 100

250 196.6 77.4 116.0#

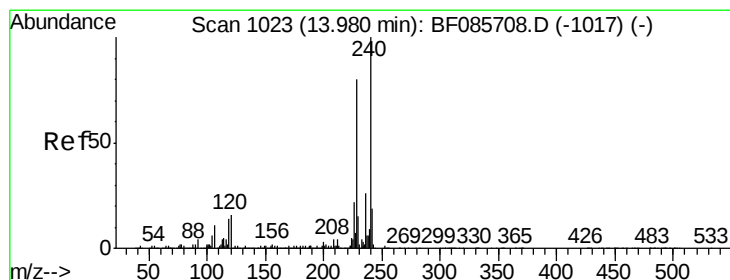
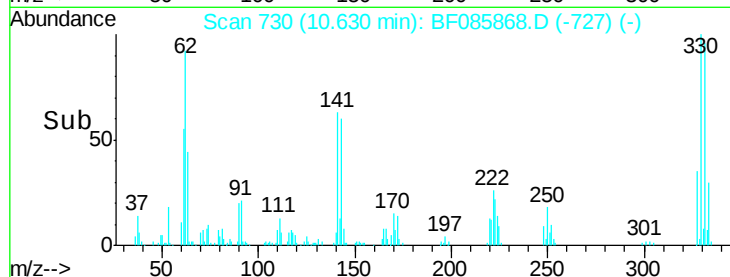
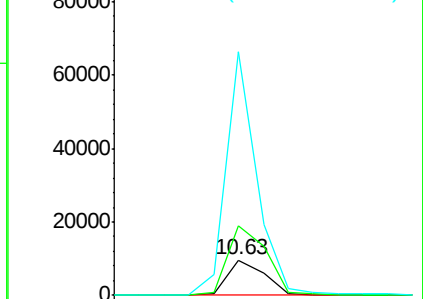
141 693.6 63.6 95.4#



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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085868.D

Acq: 30 Mar 2016 00:18

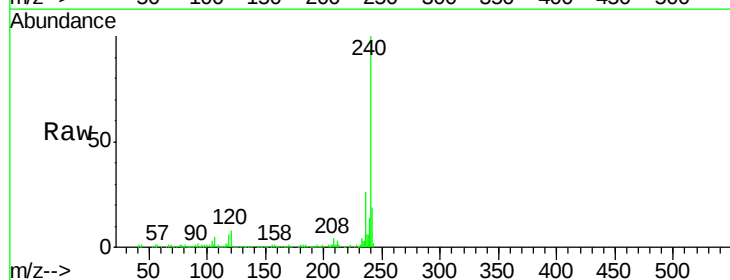
Tgt Ion:240 Resp: 239586

Ion Ratio Lower Upper

240 100

120 7.9 13.8 20.8#

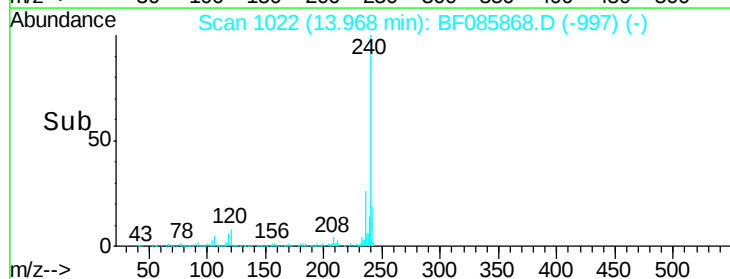
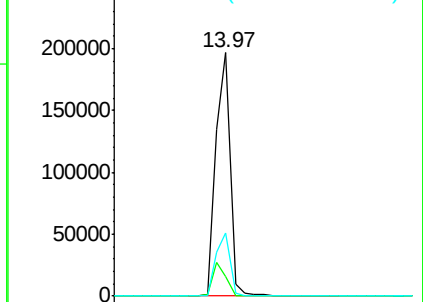
236 25.7 20.6 30.8

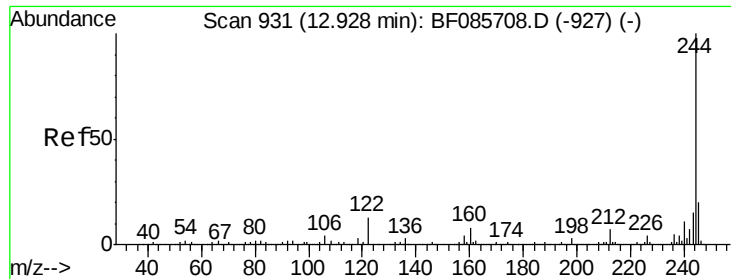


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

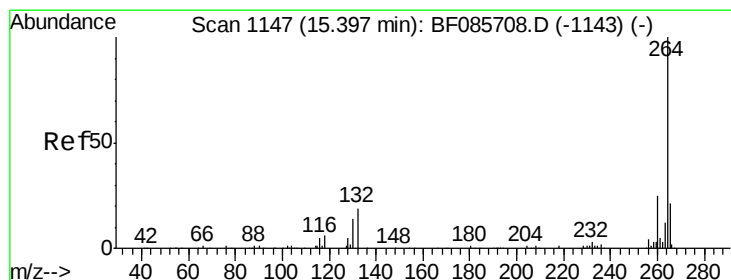
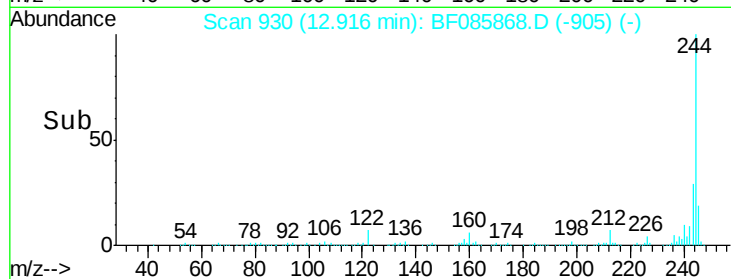
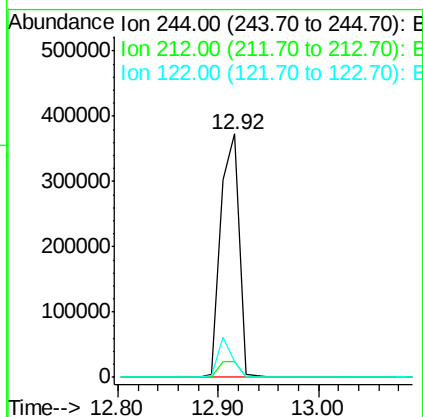
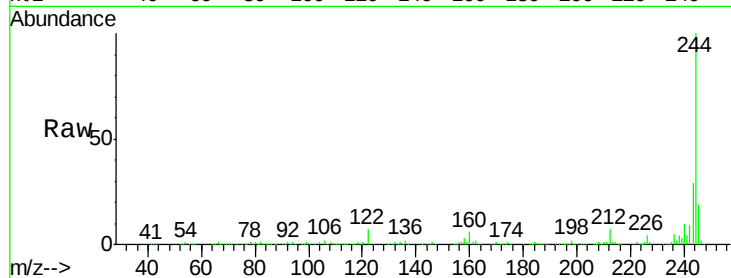




#78
 Terphenyl-d14
 Concen: 40.61 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085868.D
 Acq: 30 Mar 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion:244 Resp: 473126
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 6.6 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085868.D
 Acq: 30 Mar 2016 00:18

Tgt Ion:264 Resp: 218877
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.0 17.2 25.8

