

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091221.D
 Acq On : 17 Nov 2016 19:20
 Operator : UM/SJ
 Sample : H5667-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-BSB-11142016

Quant Time: Nov 18 03:07:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

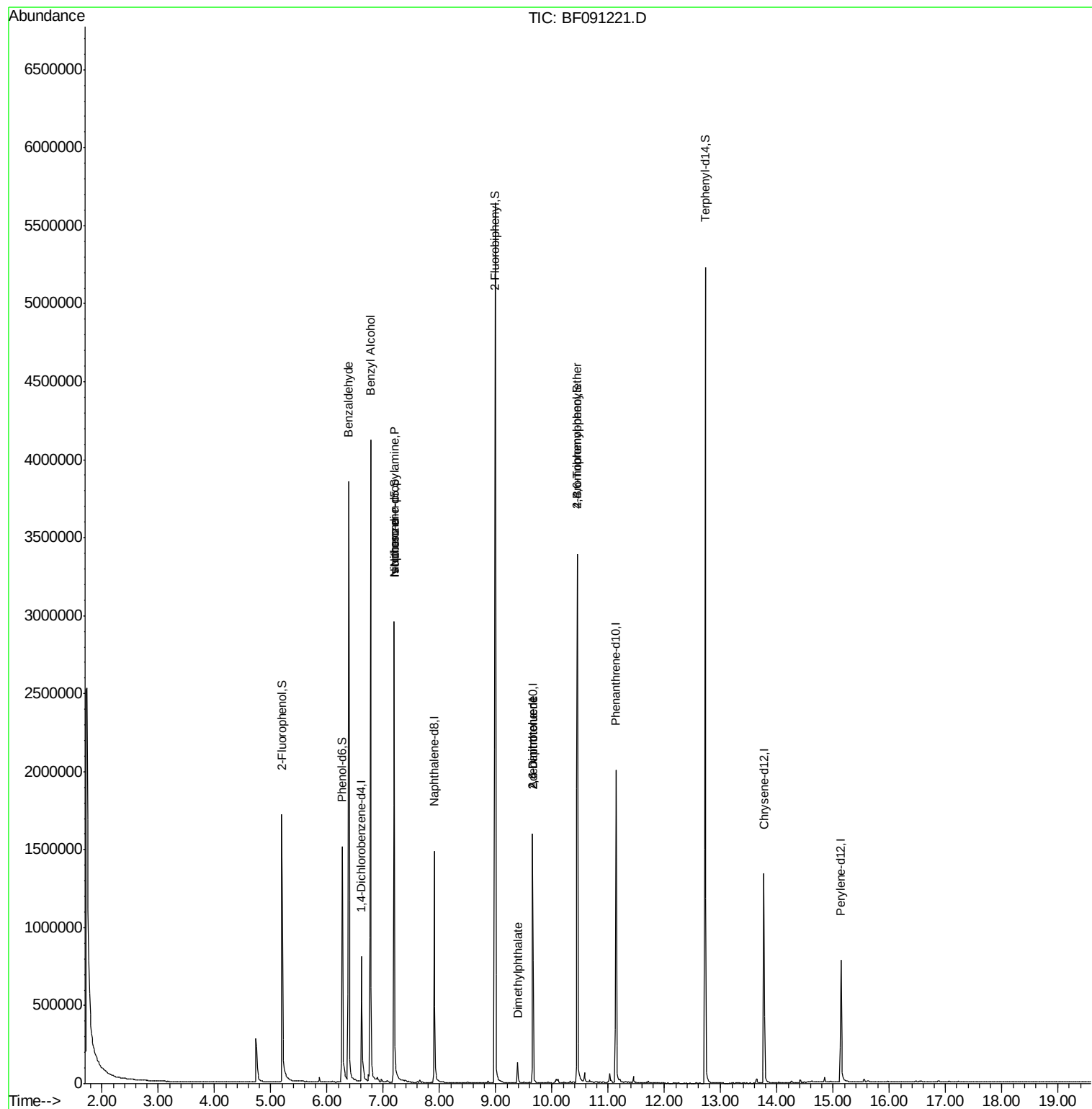
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	181952	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	788615	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	407613	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	737625	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	500626	20.00	ng	-0.05
86) Perylene-d12	15.14	264	355299	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	741595	67.31	ng	-0.05
7) Phenol-d6	6.27	99	626557	41.90	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1366170	94.50	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	535590	145.34	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2026366	85.59	ng	-0.05
78) Terphenyl-d14	12.73	244	1849466	92.19	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	25946	3.13	ng	Qvalue 89
15) Benzyl Alcohol	6.77	79	23050	2.19	ng	# 51
19) n-Nitroso-di-n-propylamine	7.20	70	186468	17.99	ng	# 75
25) Isophorone	7.20	82	1340541	48.12	ng	# 67
49) Dimethylphthalate	9.39	163	59096	2.21	ng	98
50) 2,6-Dinitrotoluene	9.65	165	53346	9.31	ng	# 11
56) 2,4-Dinitrotoluene	9.65	165	53350	7.32	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	36958	4.82	ng	# 1

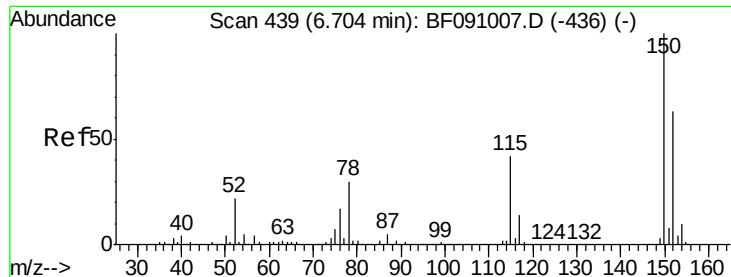
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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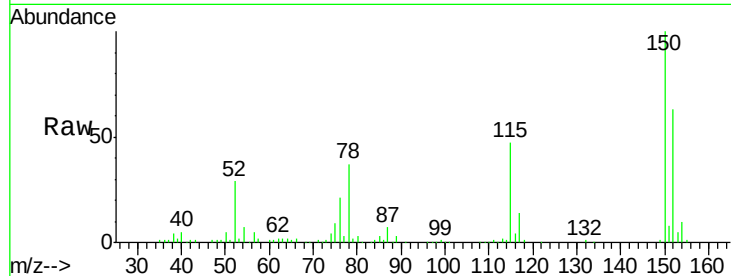


#1

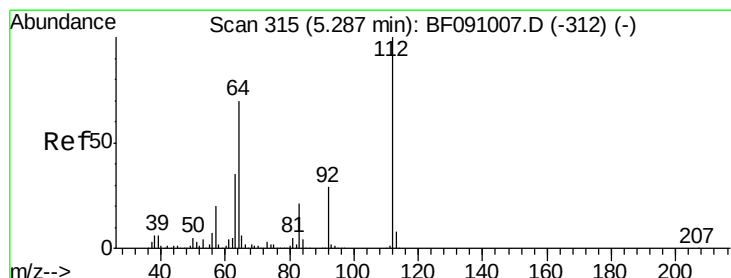
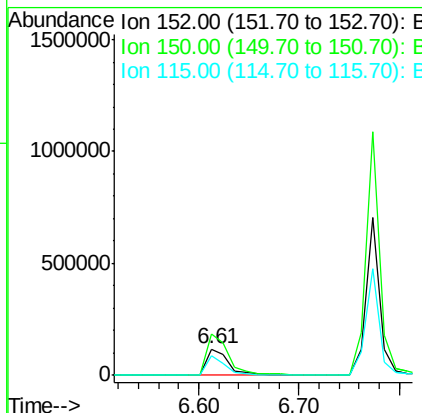
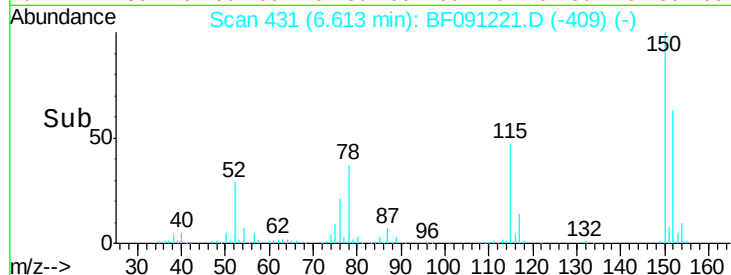
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion:152 Resp: 181952
Ion Ratio Lower Upper
152 100
150 157.5 126.8 190.2
115 74.7 53.3 79.9



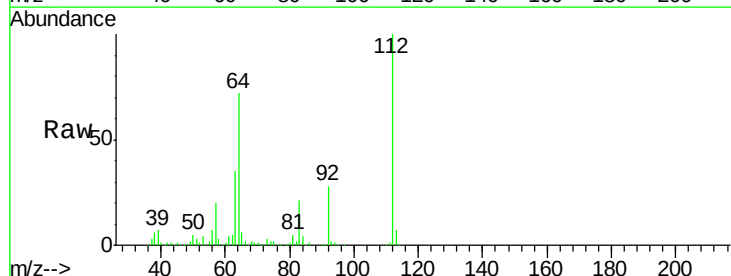
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



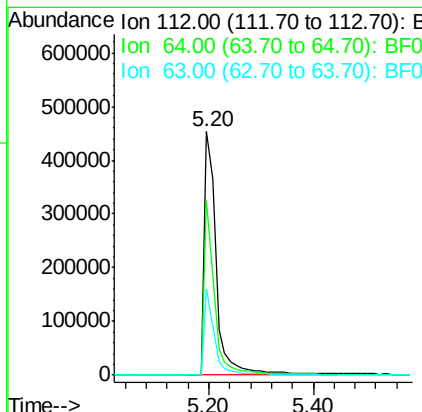
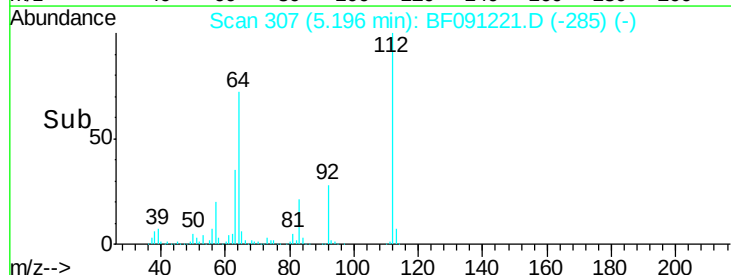
#5

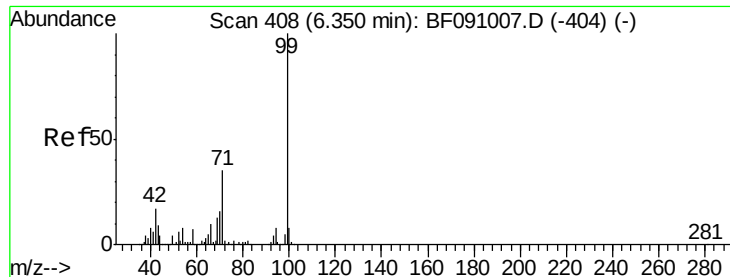
2-Fluorophenol
Concen: 67.31 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:112 Resp: 741595
Ion Ratio Lower Upper
112 100
64 71.6 55.8 83.6
63 35.5 28.0 42.0



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: 41.90 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091221.D

Acq: 17 Nov 2016 19:20

Instrument :

BNA_F

ClientSampleId :

BL-BSB-11142016

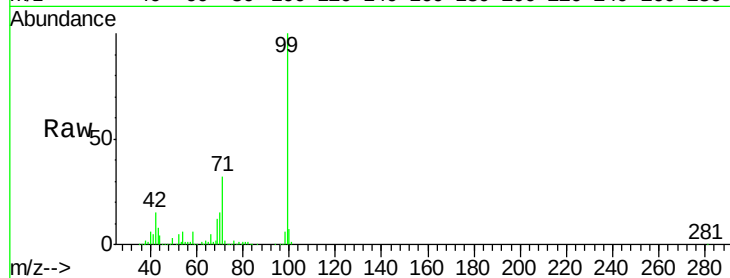
Tgt Ion: 99 Resp: 626557

Ion Ratio Lower Upper

99 100

42 14.6 13.9 20.9

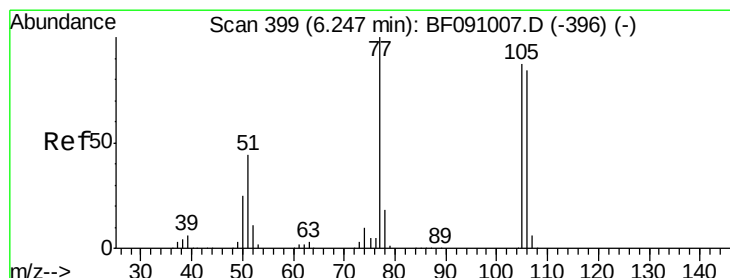
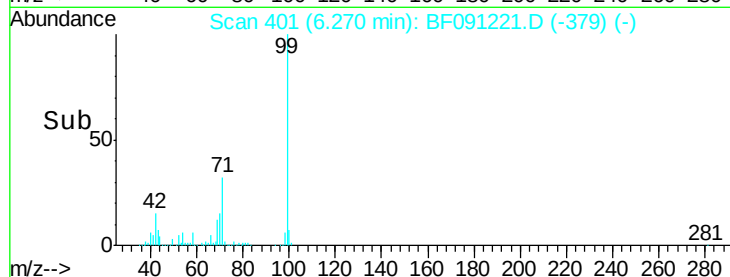
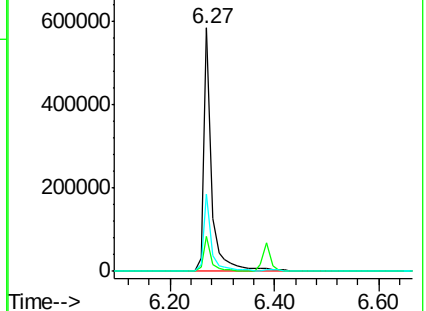
71 31.7 27.8 41.8



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: 3.13 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091221.D

Acq: 17 Nov 2016 19:20

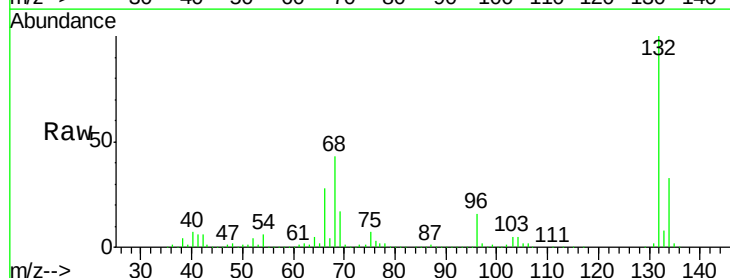
Tgt Ion: 77 Resp: 25946

Ion Ratio Lower Upper

77 100

105 80.2 66.8 106.8

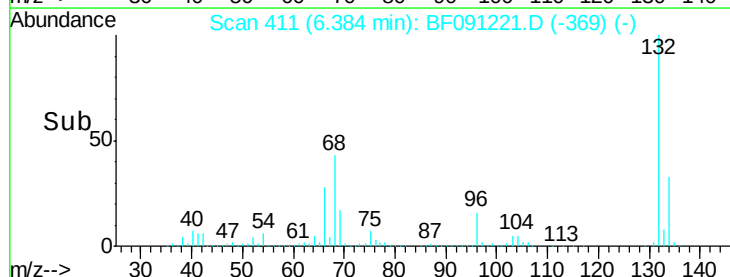
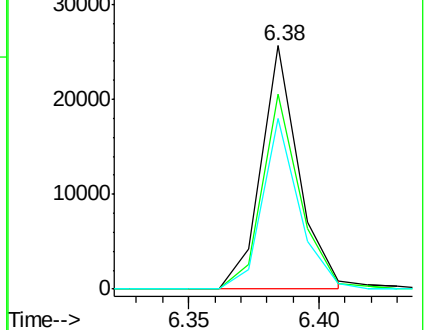
106 69.9 64.0 104.0

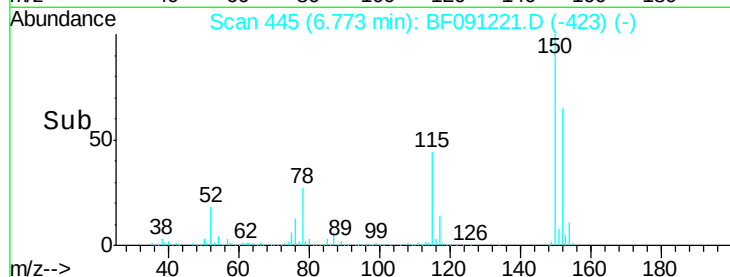
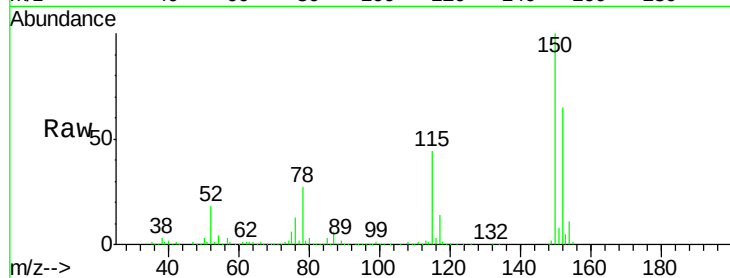
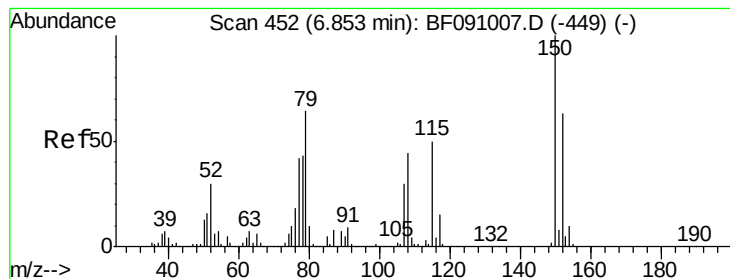


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.77 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF091221.D

Acq: 17 Nov 2016 19:20

Instrument :

BNA_F

ClientSampleId :

BL-BSB-11142016

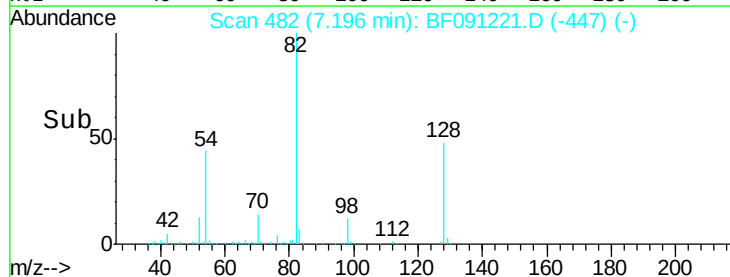
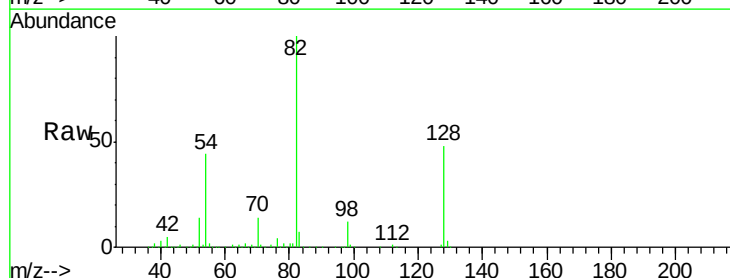
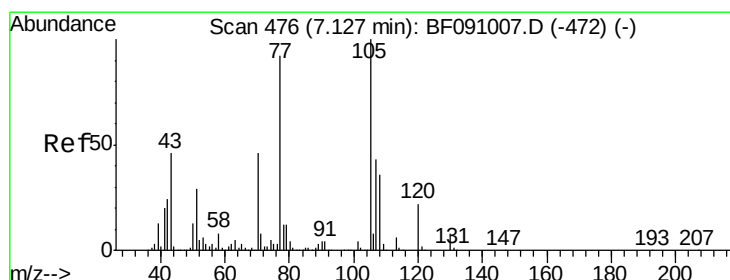
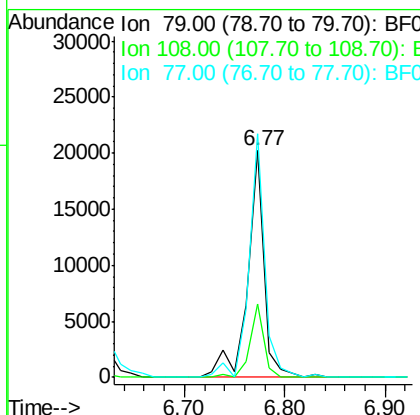
Tgt Ion: 79 Resp: 23050

Ion Ratio Lower Upper

79 100

108 32.2 55.7 83.5#

77 107.6 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.99 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091221.D

Acq: 17 Nov 2016 19:20

Tgt Ion: 70 Resp: 186468

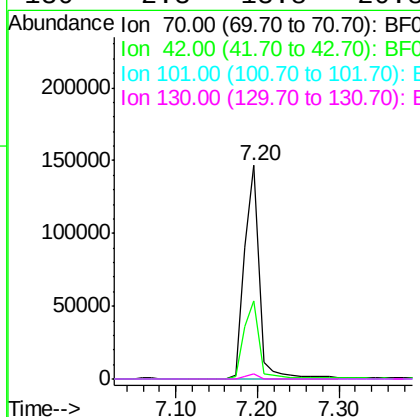
Ion Ratio Lower Upper

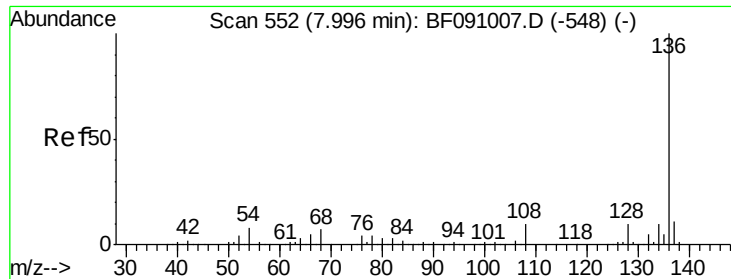
70 100

42 36.4 41.7 62.5#

101 0.0 6.7 10.1#

130 2.3 13.8 20.8#

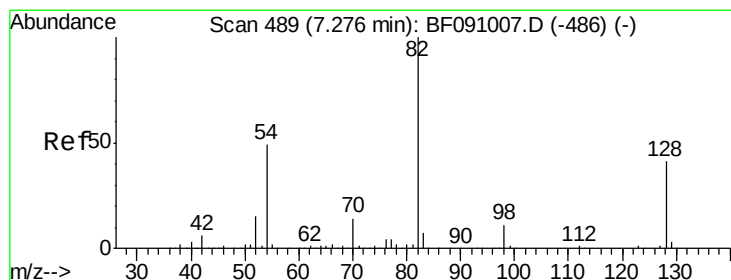
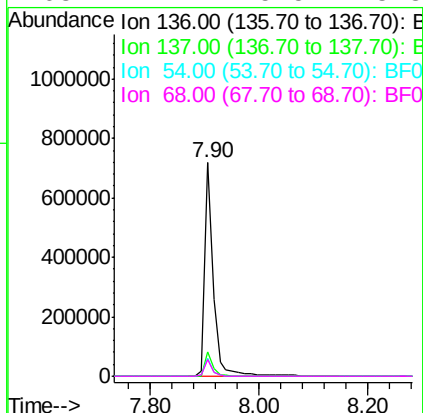
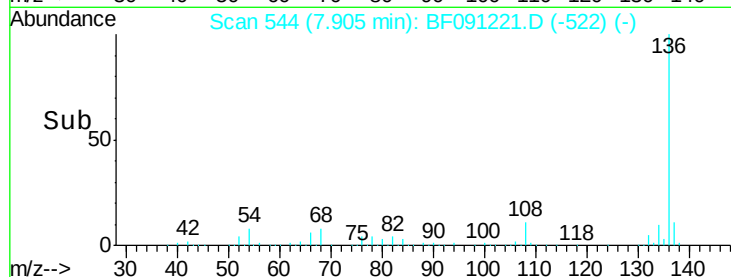
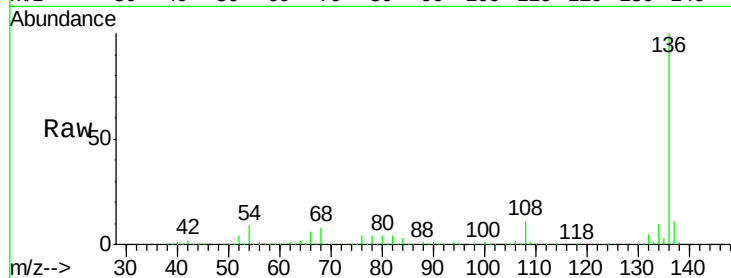




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

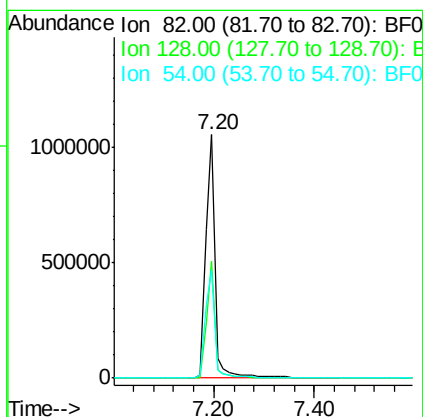
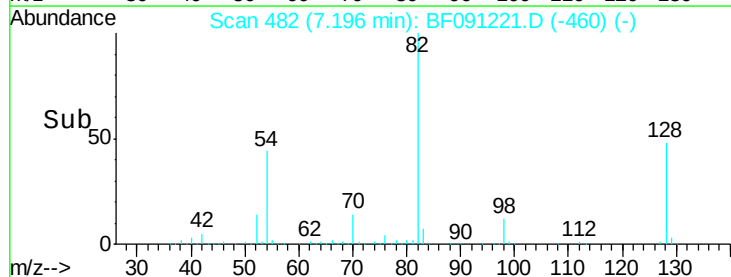
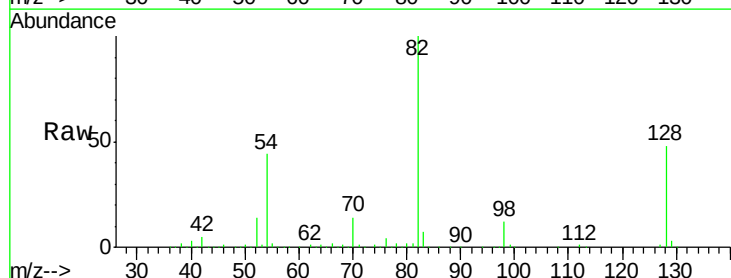
Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

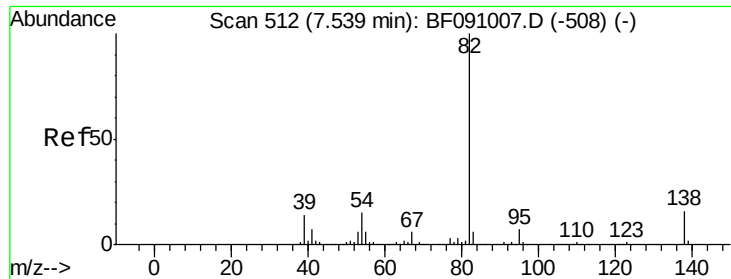
Tgt Ion:	136	Resp:	788615
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.2	9.2
68	7.7	5.5	8.3



#23
Nitrobenzene-d5
Concen: 94.50 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:	82	Resp:	1366170
Ion	Ratio	Lower	Upper
82	100		
128	48.2	32.4	48.6
54	44.3	39.2	58.8





#25

Isophorone

Concen: 48.12 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.30 min

Lab File: BF091221.D

Acq: 17 Nov 2016 19:20

Instrument :

BNA_F

ClientSampleId :

BL-BSB-11142016

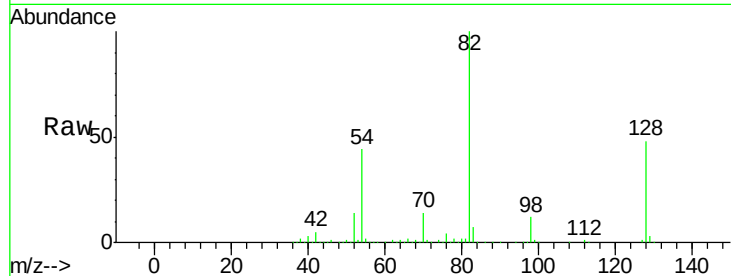
Tgt Ion: 82 Resp: 1340541

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

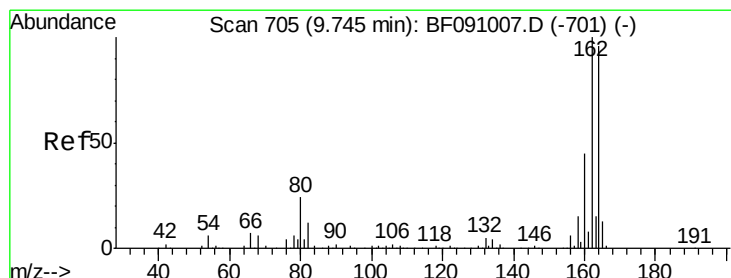
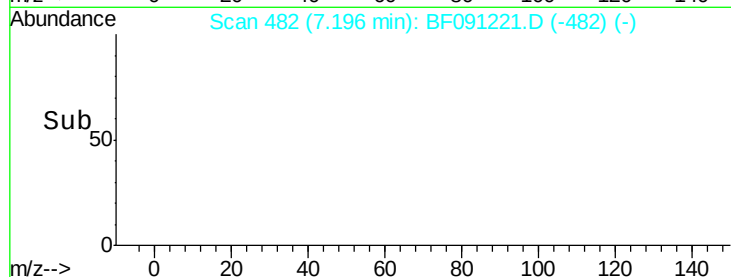
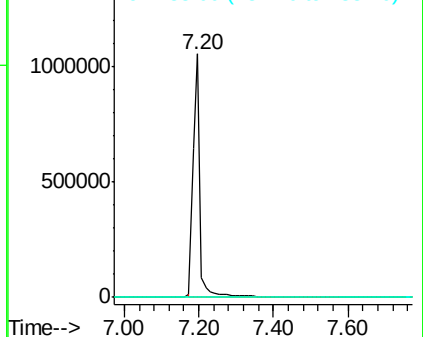
138 0.0 13.0 19.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091221.D

Acq: 17 Nov 2016 19:20

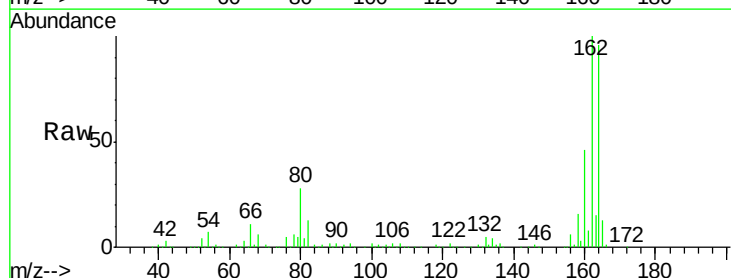
Tgt Ion: 164 Resp: 407613

Ion Ratio Lower Upper

164 100

162 104.7 83.6 125.4

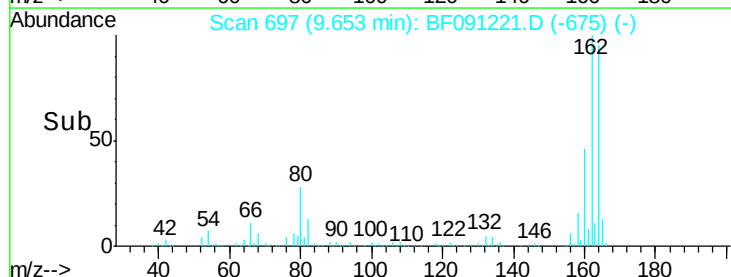
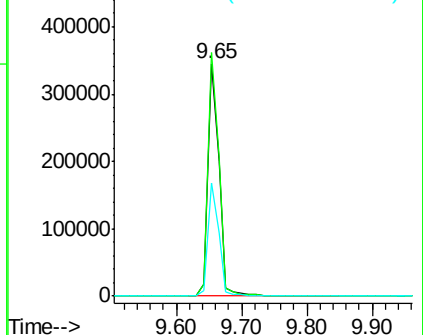
160 48.4 37.9 56.9

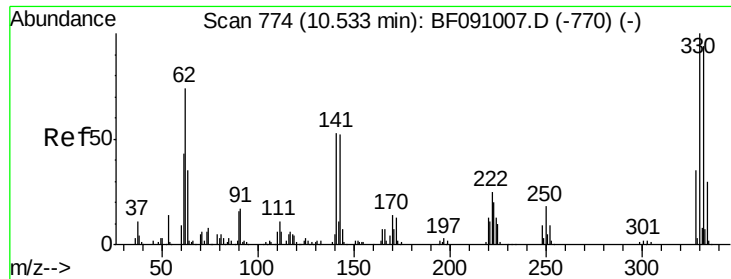


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

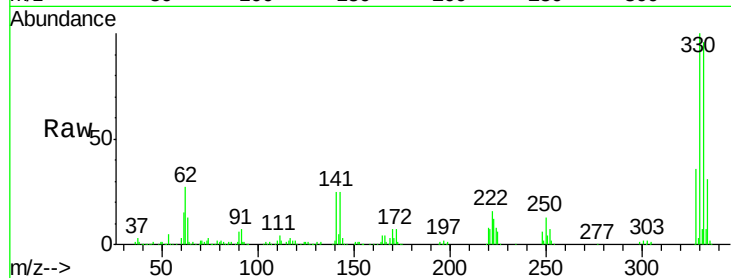




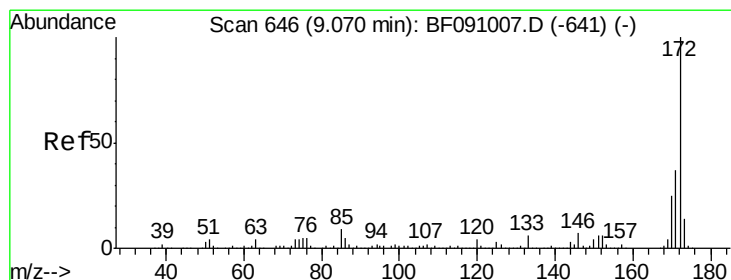
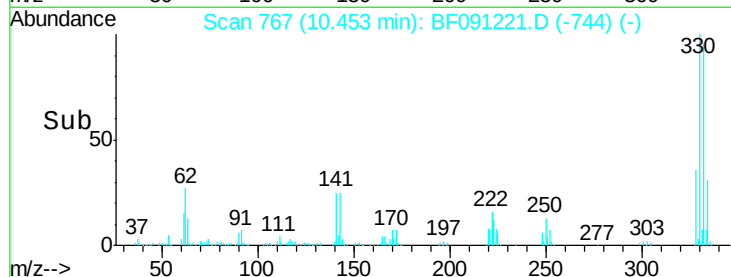
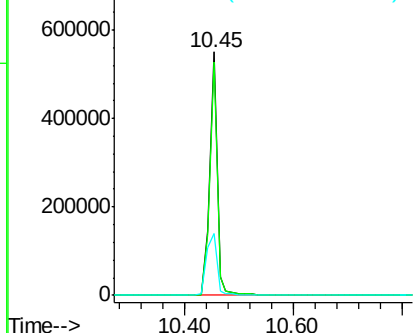
#41
 2,4,6-Tribromophenol
 Concen: 145.34 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091221.D
 Acq: 17 Nov 2016 19:20

Instrument :
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 ClientSampleId :
 BL-BSB-11142016

Tgt Ion:330 Resp: 535590
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.9 113.9
 141 35.5 36.1 54.1#

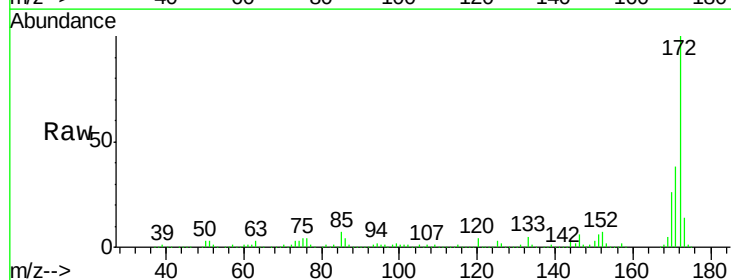


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

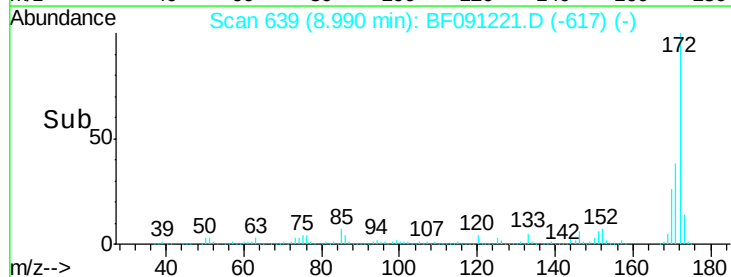
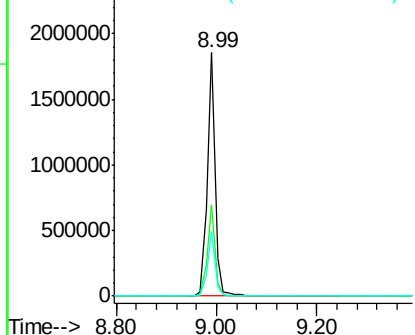


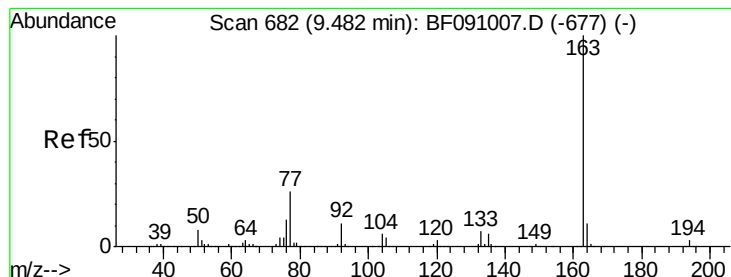
#44
 2-Fluorobiphenyl
 Concen: 85.59 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091221.D
 Acq: 17 Nov 2016 19:20

Tgt Ion:172 Resp: 2026366
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 26.3 20.3 30.5



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: 2.21 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF091221.D

Acq: 17 Nov 2016 19:20

Instrument :

BNA_F

ClientSampleId :

BL-BSB-11142016

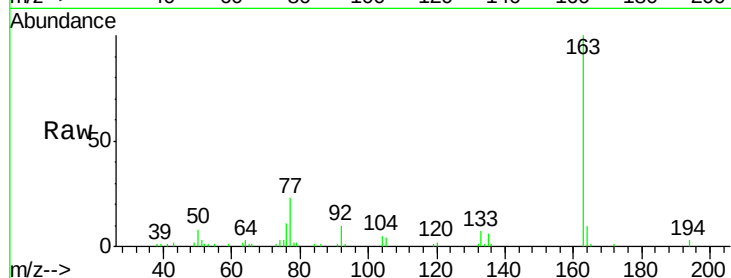
Tgt Ion:163 Resp: 59096

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

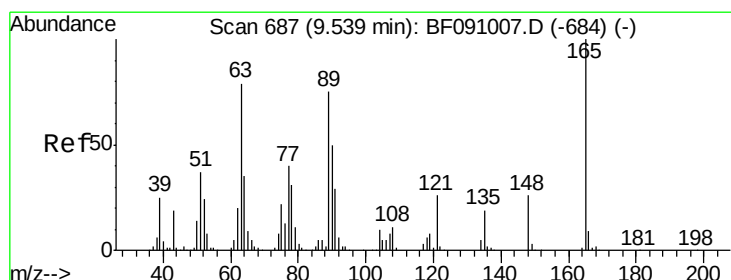
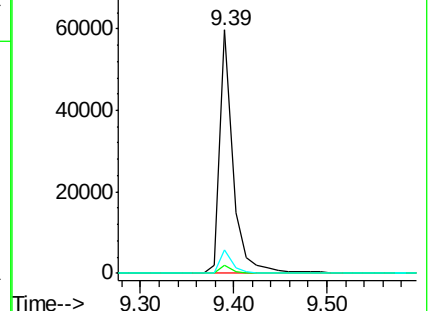
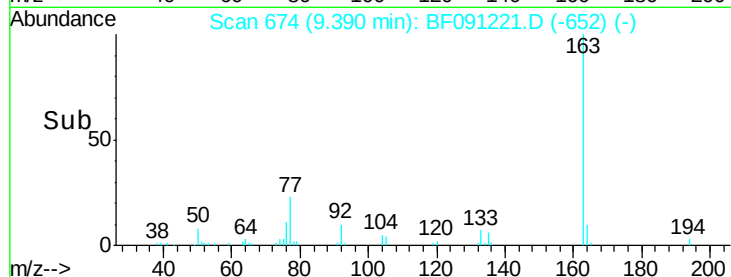
164 9.8 8.7 13.1



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: 9.31 ng

RT: 9.65 min Scan# 697

Delta R.T. 0.15 min

Lab File: BF091221.D

Acq: 17 Nov 2016 19:20

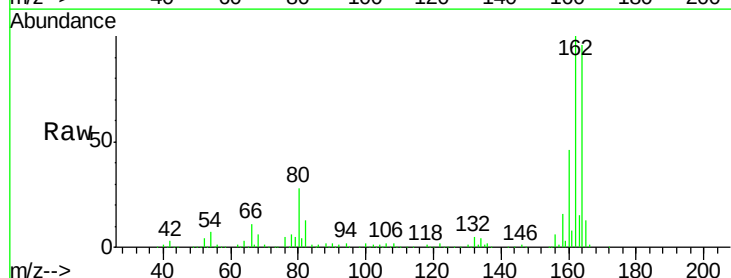
Tgt Ion:165 Resp: 53346

Ion Ratio Lower Upper

165 100

63 1.2 65.6 98.4#

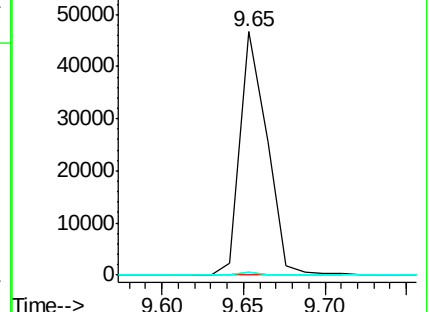
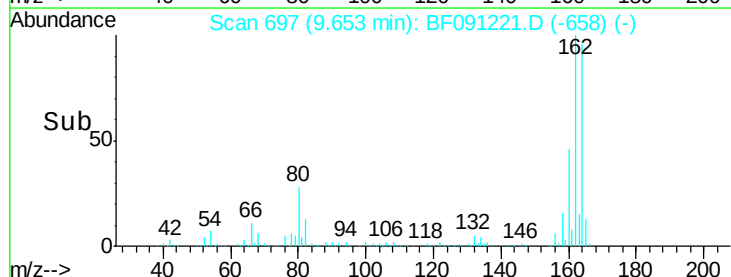
89 1.2 59.8 89.6#

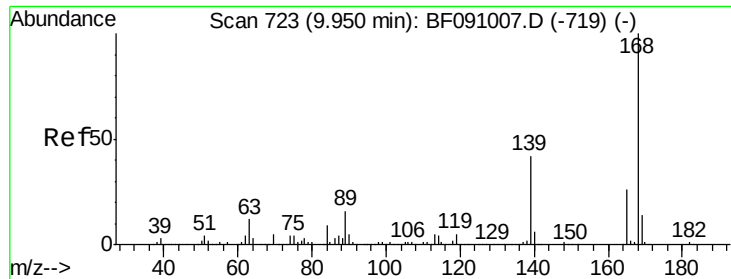


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

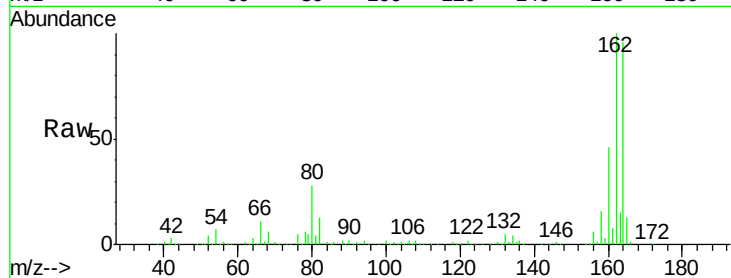




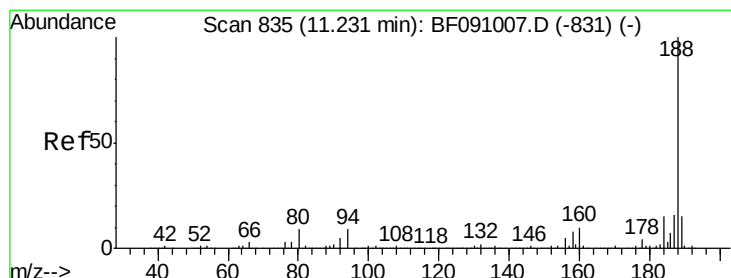
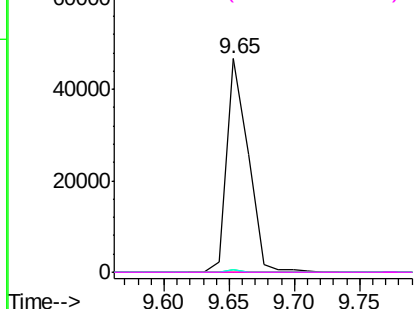
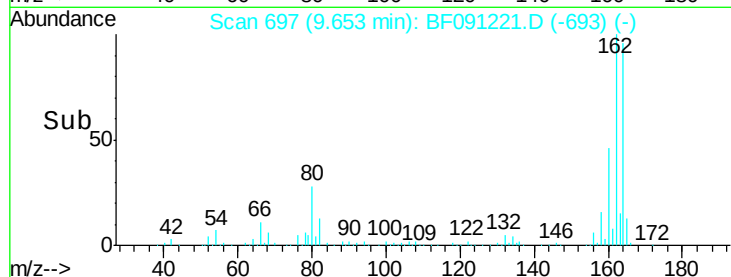
#56
 2,4-Dinitrotoluene
 Concen: 7.32 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.25 min
 Lab File: BF091221.D
 Acq: 17 Nov 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 BL-BSB-11142016

Tgt Ion:165 Resp: 53350
 Ion Ratio Lower Upper
 165 100
 63 1.2 38.7 58.1#
 89 1.2 50.6 76.0#
 182 0.0 1.8 2.8#

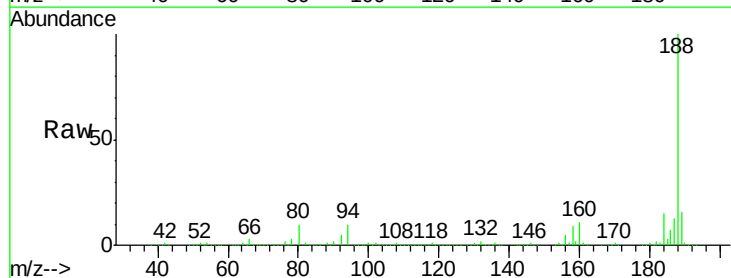


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

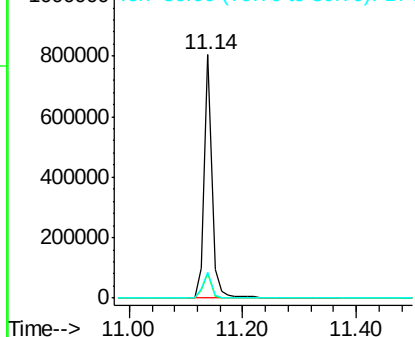
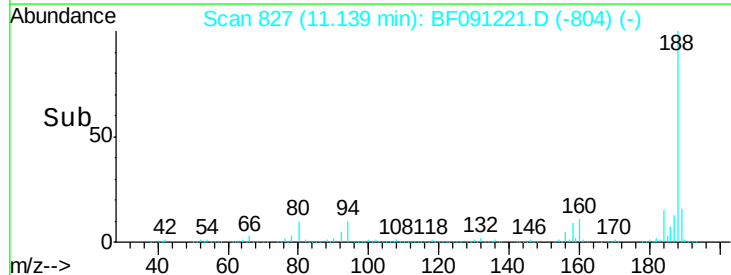


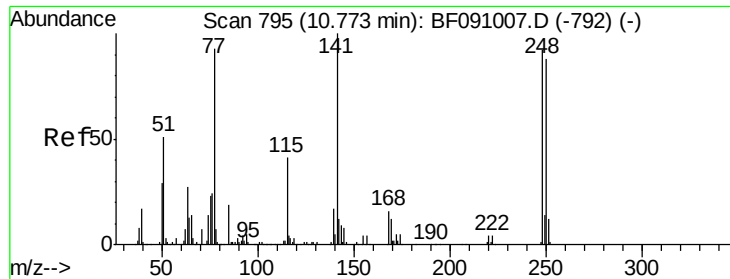
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091221.D
 Acq: 17 Nov 2016 19:20

Tgt Ion:188 Resp: 737625
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.0 10.4
 80 10.5 7.5 11.3



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

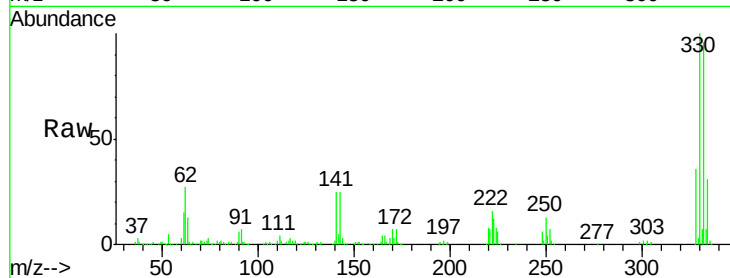




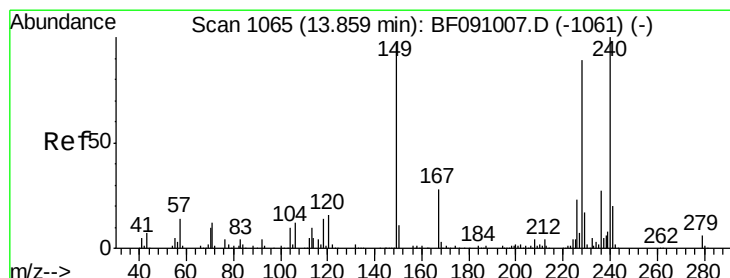
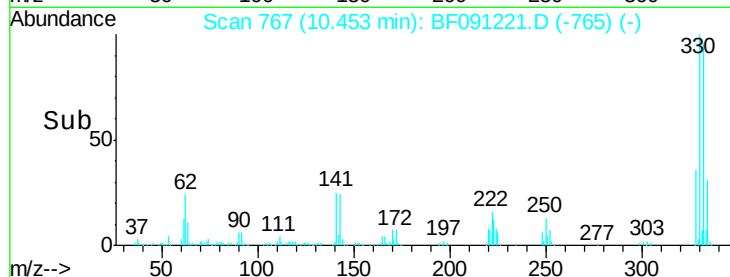
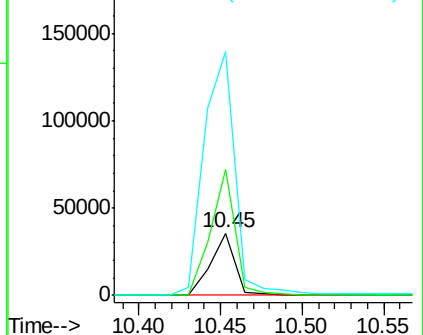
#66
4-Bromophenyl-phenylether
Concen: 4.82 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion:248 Resp: 36958
Ion Ratio Lower Upper
248 100
250 203.7 76.3 114.5#
141 393.7 86.8 130.2#

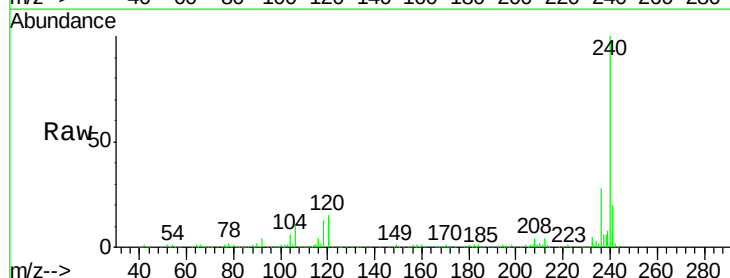


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

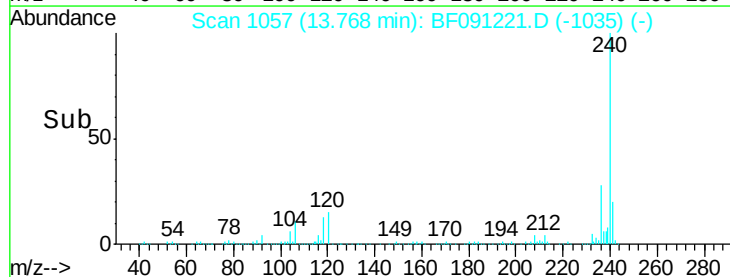
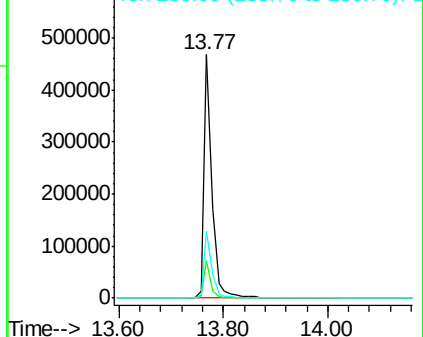


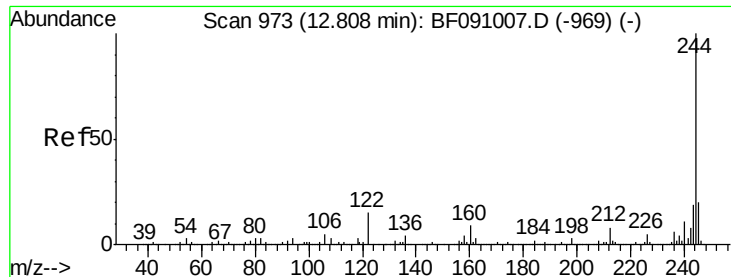
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:240 Resp: 500626
Ion Ratio Lower Upper
240 100
120 15.4 12.9 19.3
236 27.6 21.9 32.9



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

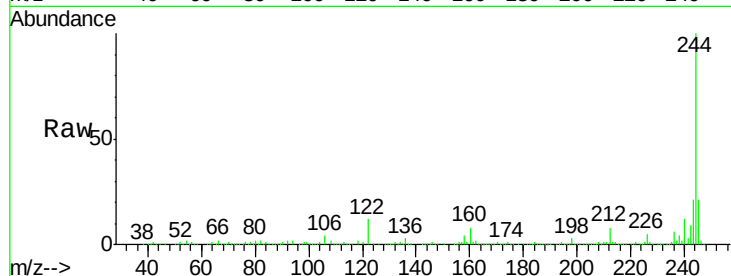




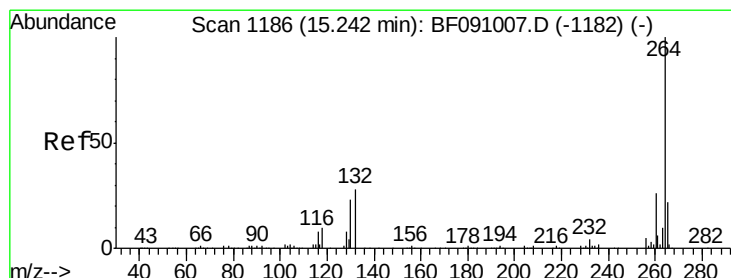
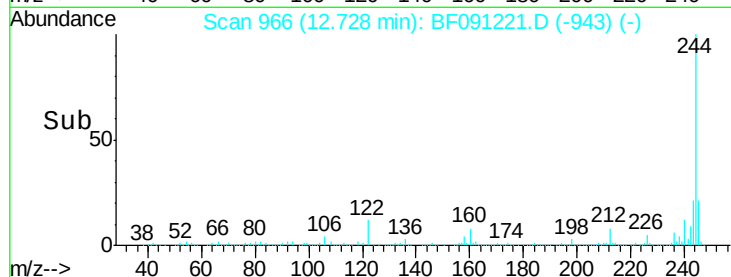
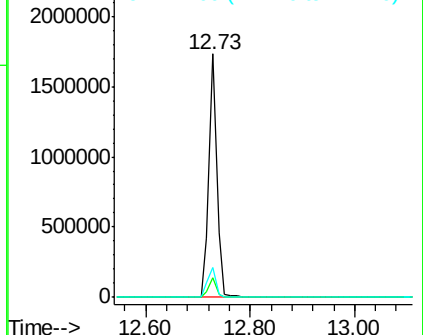
#78
 Terphenyl-d14
 Concen: 92.19 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091221.D
 Acq: 17 Nov 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :
 BL-BSB-11142016

Tgt Ion:244 Resp: 1849466
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 12.4 12.3 18.5

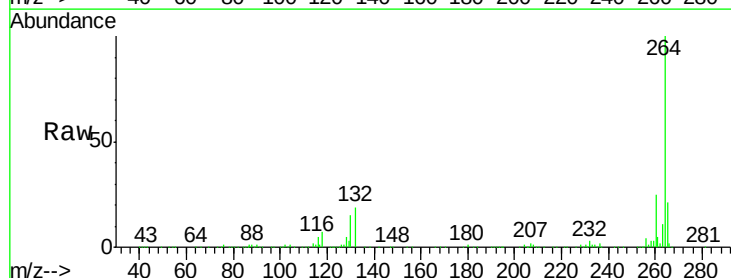


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091221.D
 Acq: 17 Nov 2016 19:20

Tgt Ion:264 Resp: 355299
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 30.8
 265 21.5 17.8 26.8



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

