

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091276.D
 Acq On : 23 Nov 2016 15:23
 Operator : UM/SJ
 Sample : H5747-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-BSB-11222016

Quant Time: Nov 23 23:57:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

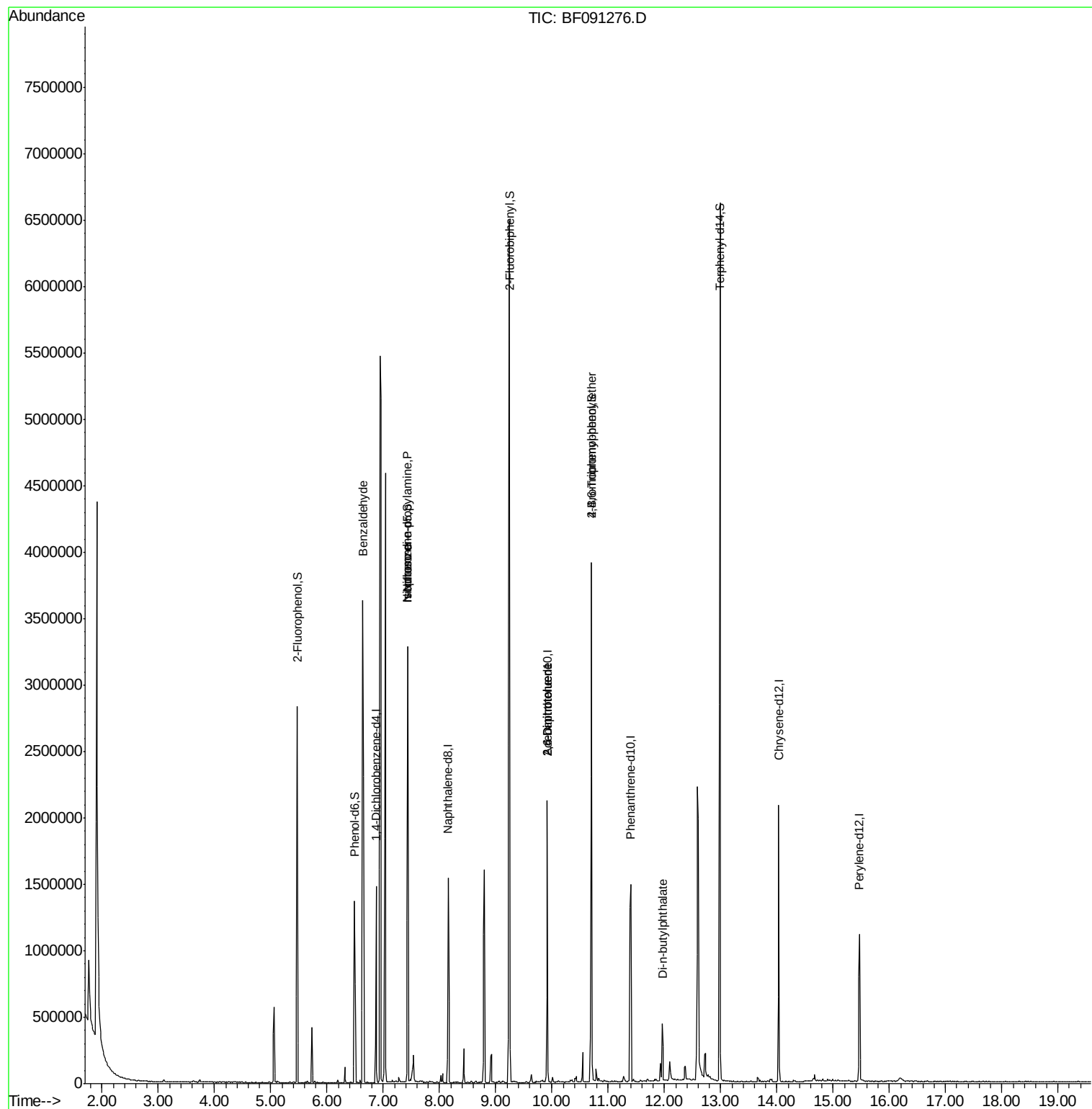
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	199140	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	758292	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	480083	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	796349	20.00	ng	0.00
75) Chrysene-d12	14.03	240	753654	20.00	ng	-0.01
86) Perylene-d12	15.47	264	600076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	653919	52.76	ng	0.00
7) Phenol-d6	6.49	99	501680	31.50	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1088792	82.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	579923	119.79	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2135687	72.84	ng	0.00
78) Terphenyl-d14	12.99	244	2194696	66.51	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	27889	2.27	ng	90
19) n-Nitroso-di-n-propylamine	7.44	70	152487	15.27	ng	# 75
25) Isophorone	7.44	82	809565	32.90	ng	# 67
50) 2,6-Dinitrotoluene	9.92	165	62246	9.51	ng	# 17
56) 2,4-Dinitrotoluene	9.92	165	62235	7.51	ng	# 33
66) 4-Bromophenyl-phenylether	10.70	248	36033	4.14	ng	# 1
73) Di-n-butylphthalate	11.96	149	263196	6.05	ng	# 98

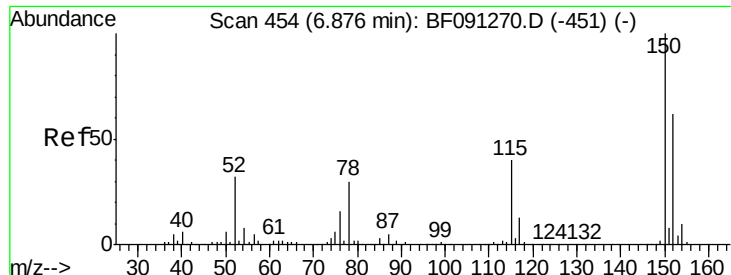
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091276.D
Acq On : 23 Nov 2016 15:23
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Sample : H5747-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 23 23:57:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

Instrument :

BNA_F

ClientSampleId :

DW-BSB-11222016

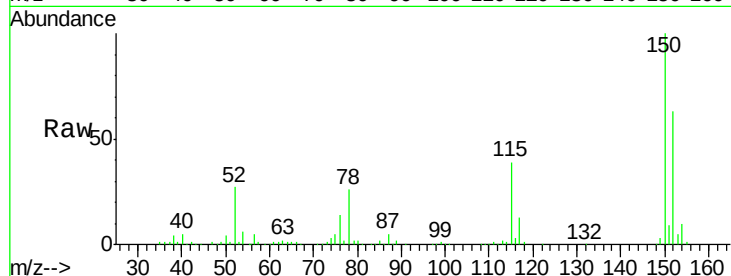
Tgt Ion:152 Resp: 199140

Ion Ratio Lower Upper

152 100

150 157.5 122.5 183.7

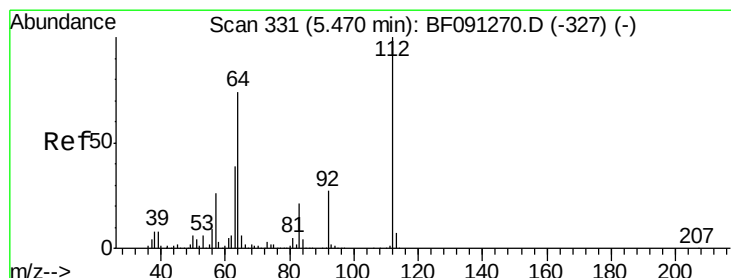
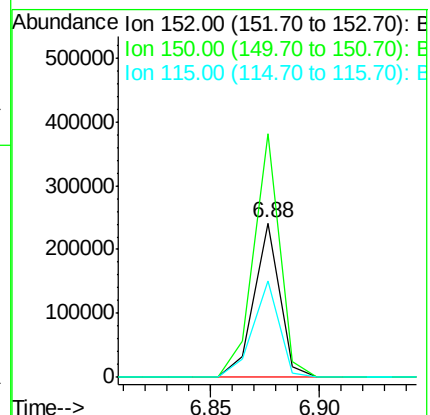
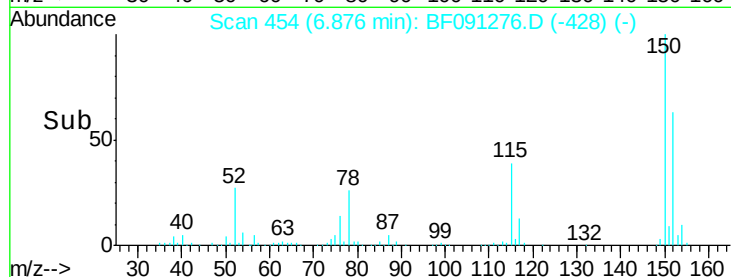
115 62.0 51.8 77.8



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: 52.76 ng

RT: 5.47 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

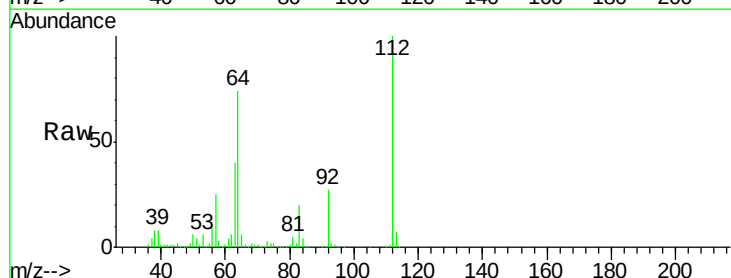
Tgt Ion:112 Resp: 653919

Ion Ratio Lower Upper

112 100

64 73.8 61.5 92.3

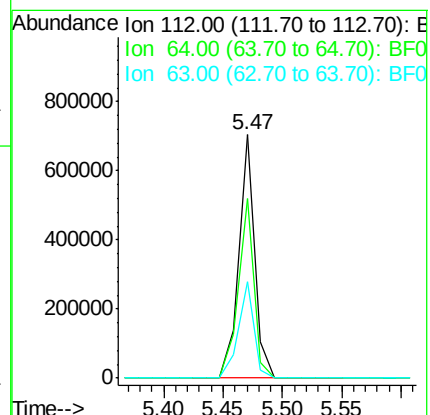
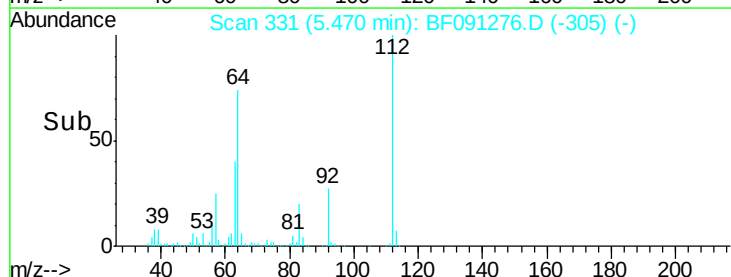
63 39.8 33.3 49.9

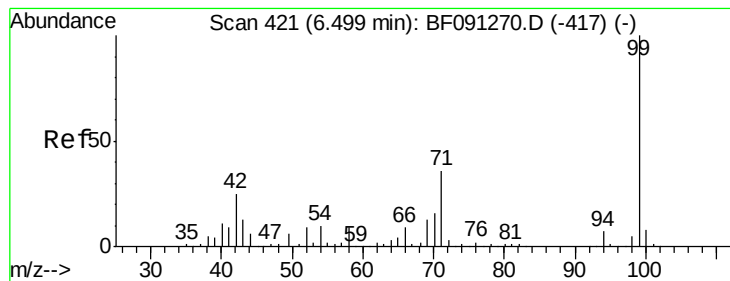


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.50 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

Instrument :

BNA_F

ClientSampleId :

DW-BSB-11222016

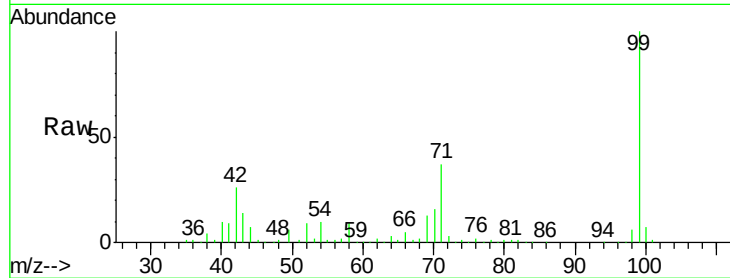
Tgt Ion: 99 Resp: 501680

Ion Ratio Lower Upper

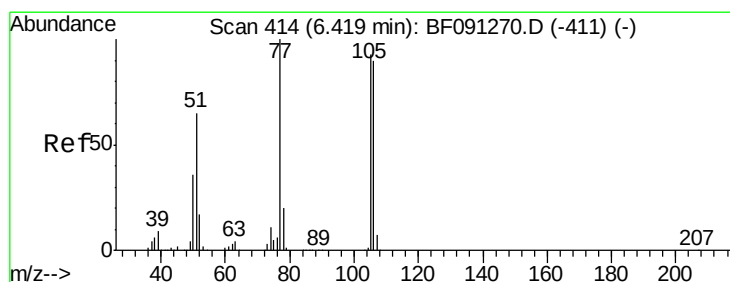
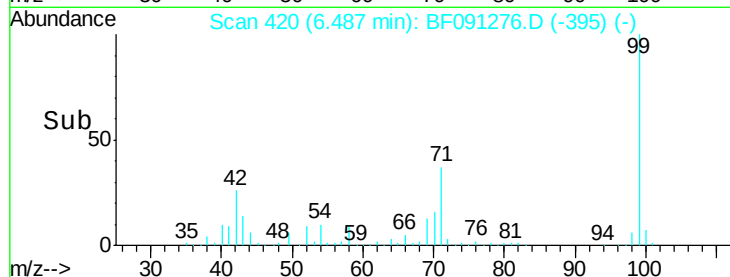
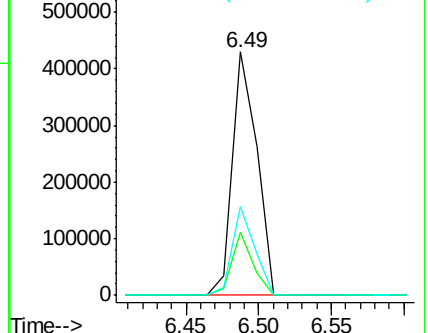
99 100

42 26.0 20.6 31.0

71 36.7 29.9 44.9



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: 2.27 ng

RT: 6.64 min Scan# 433

Delta R.T. 0.22 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

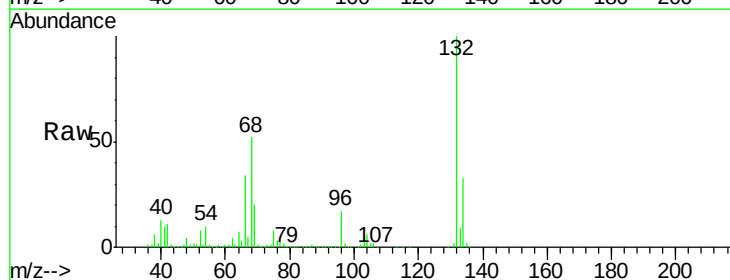
Tgt Ion: 77 Resp: 27889

Ion Ratio Lower Upper

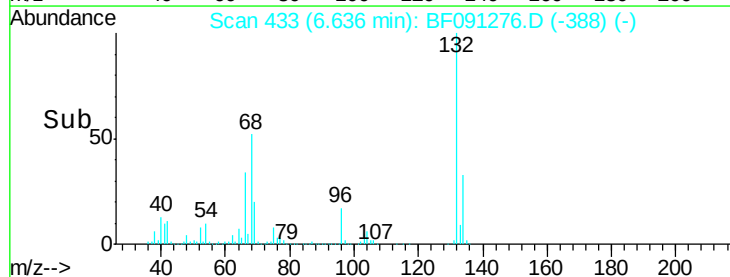
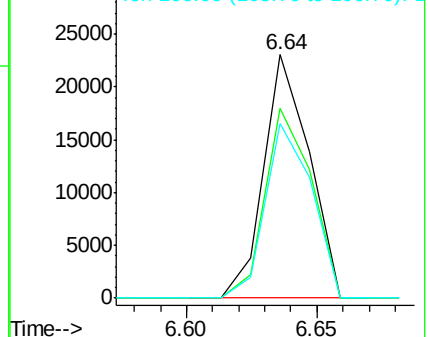
77 100

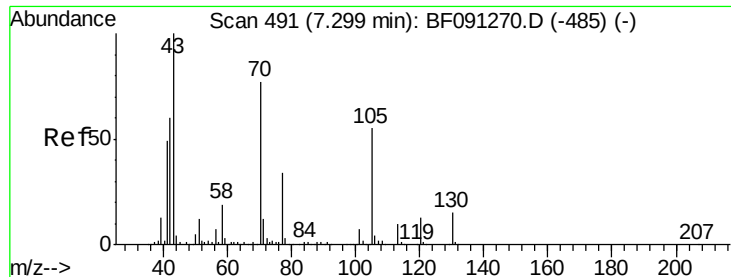
105 77.9 66.4 106.4

106 71.9 60.9 100.9



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

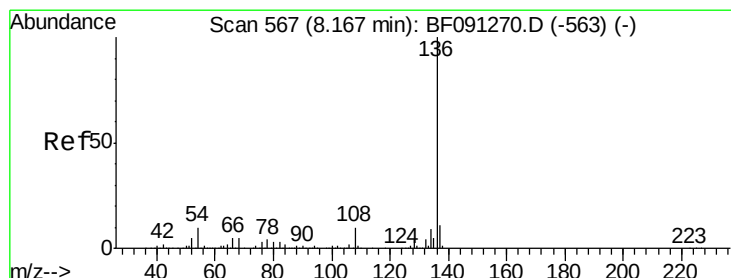
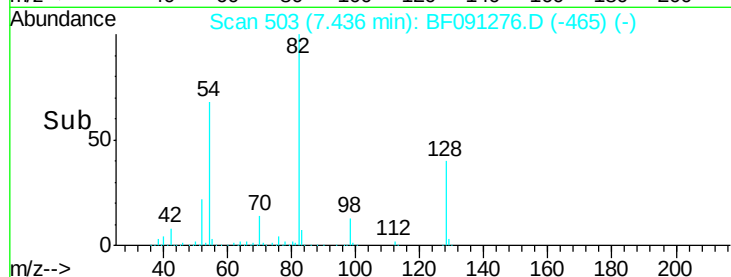
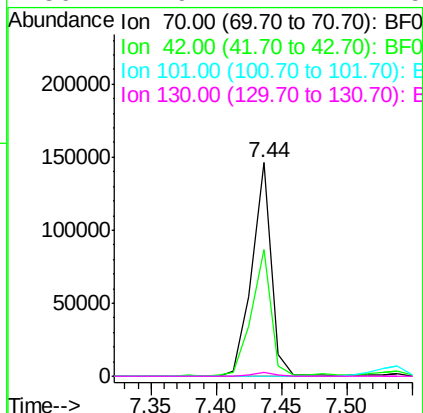
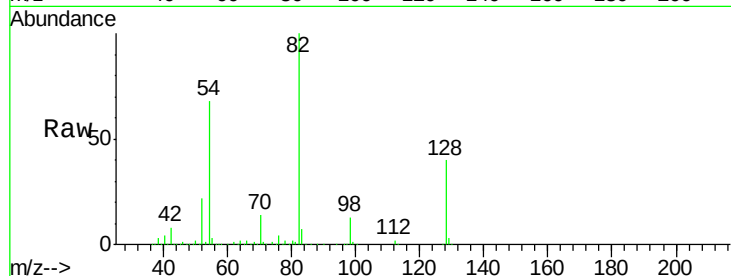




#19
n-Nitroso-di-n-propylamine
Concen: 15.27 ng
RT: 7.44 min Scan# 503
Delta R.T. 0.14 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

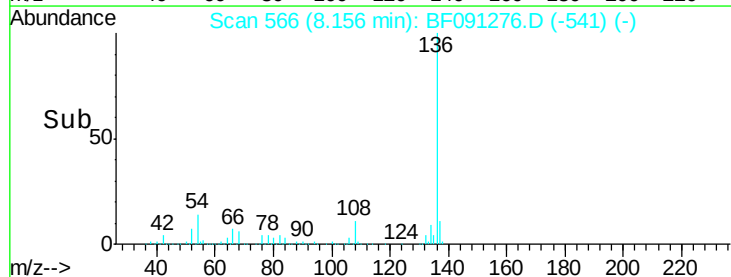
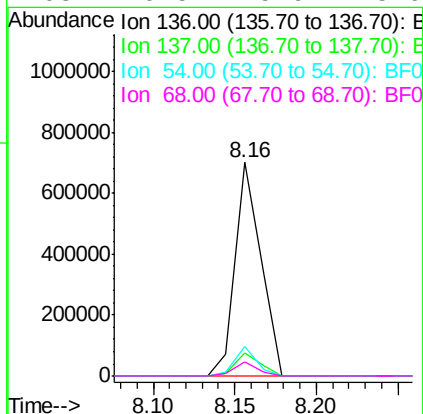
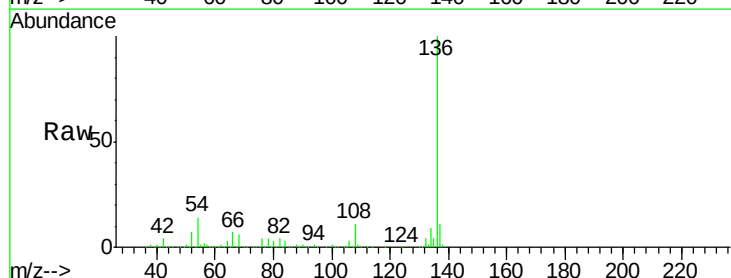
Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

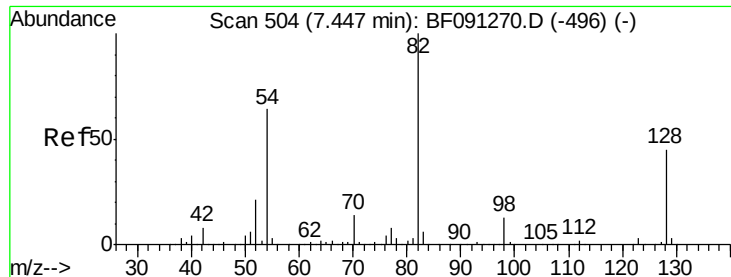
Tgt Ion: 70 Resp: 152487
Ion Ratio Lower Upper
70 100
42 59.4 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion: 136 Resp: 758292
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 13.6 9.1 13.7
68 6.5 5.9 8.9

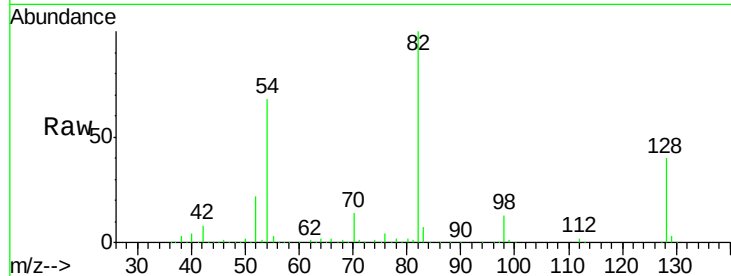




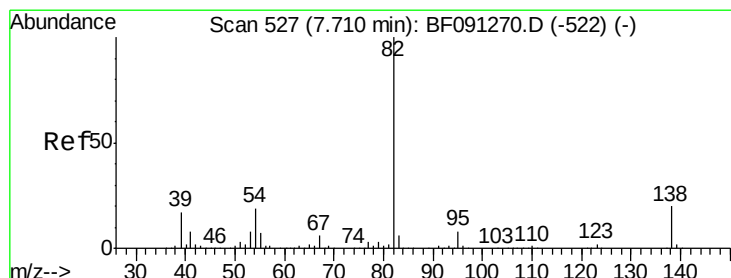
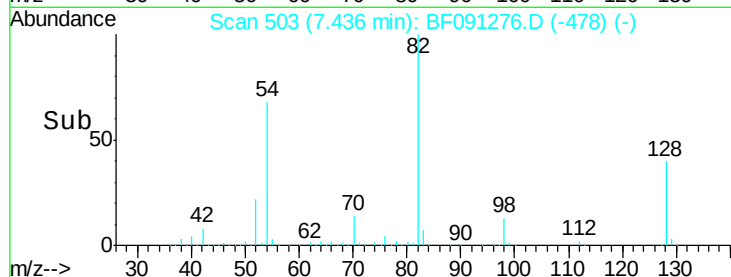
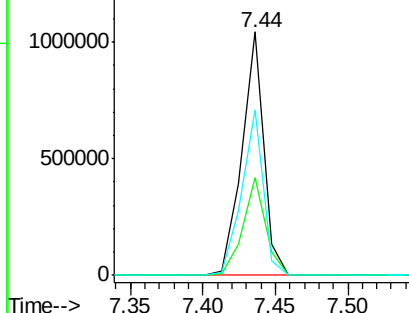
#23
 Nitrobenzene-d5
 Concen: 82.66 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 DW-BSB-11222016

Tgt Ion: 82 Resp: 1088792
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.8 47.6
 54 68.1 49.1 73.7

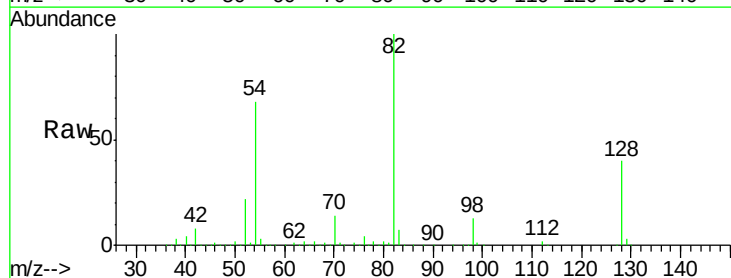


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

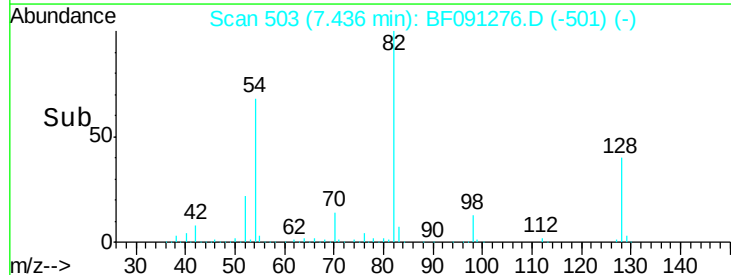
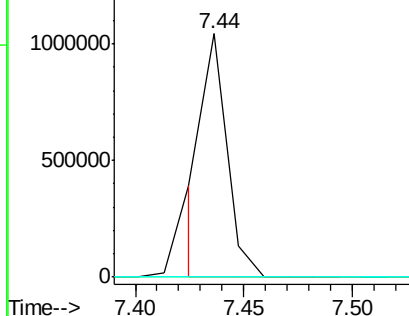


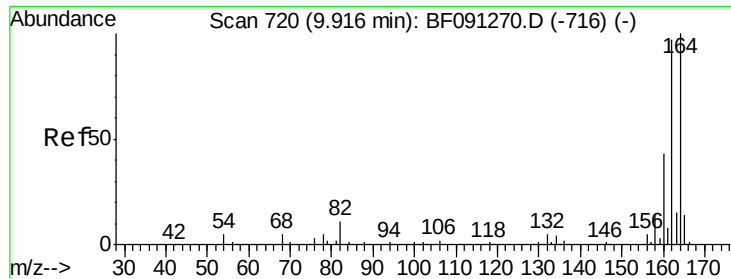
#25
 Isophorone
 Concen: 32.90 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.27 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Tgt Ion: 82 Resp: 809565
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.4 20.0#



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: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

Instrument :

BNA_F

ClientSampleId :

DW-BSB-11222016

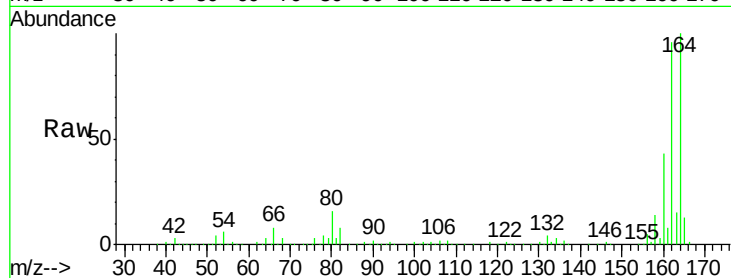
Tgt Ion:164 Resp: 480083

Ion Ratio Lower Upper

164 100

162 95.7 82.6 124.0

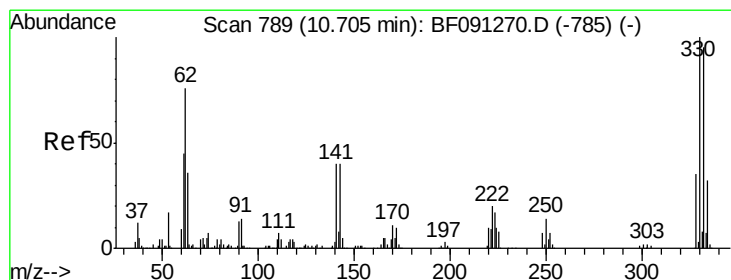
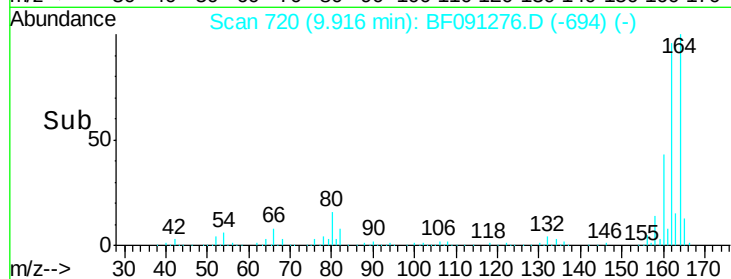
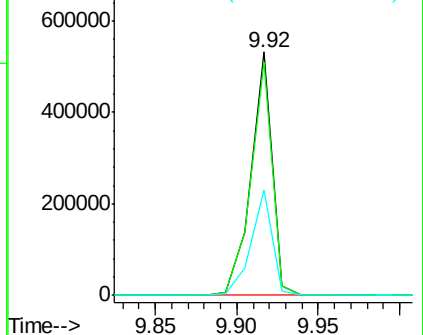
160 43.4 36.7 55.1



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: 119.79 ng

RT: 10.70 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

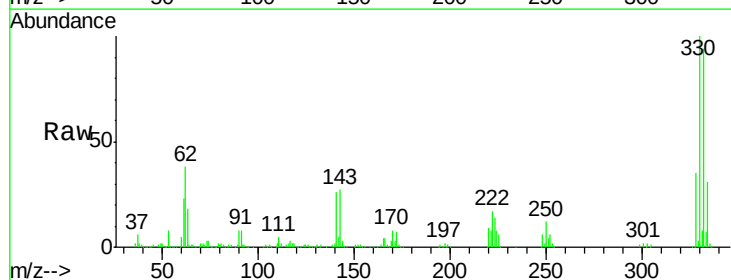
Tgt Ion:330 Resp: 579923

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

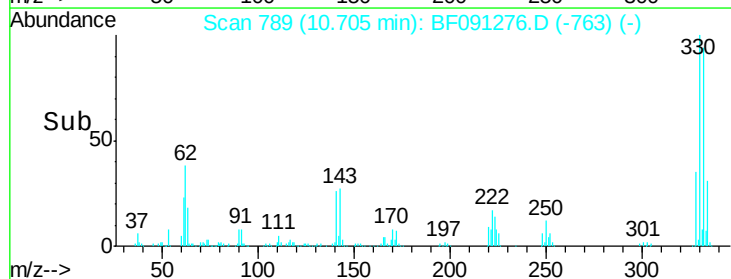
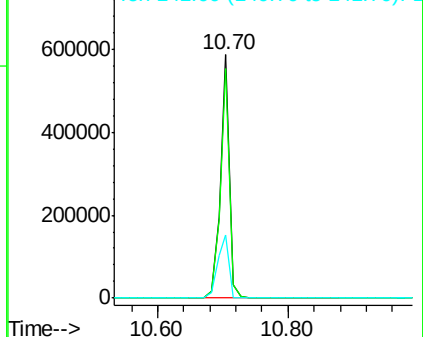
141 32.6 33.6 50.4#

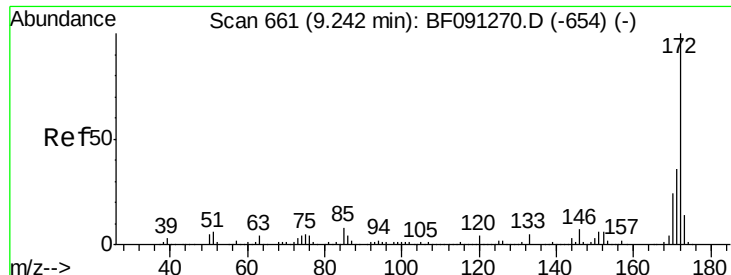


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

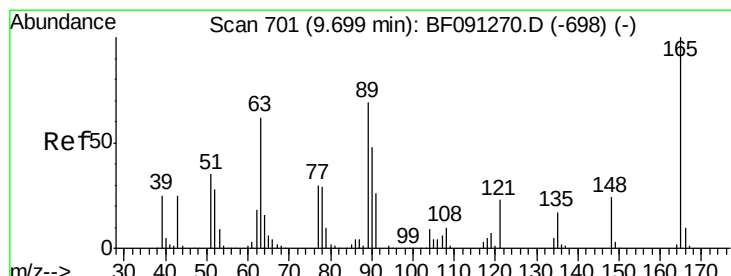
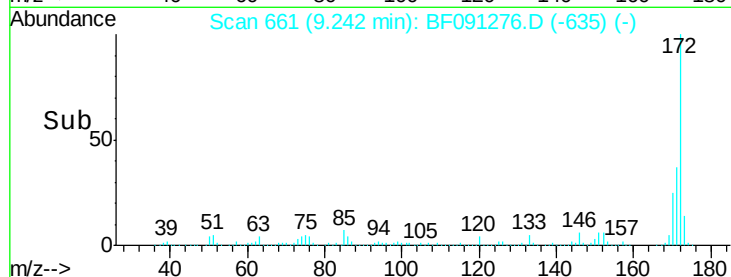
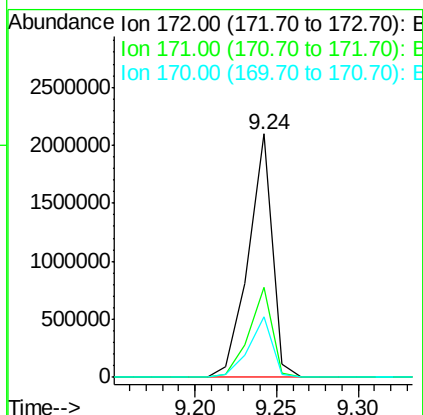
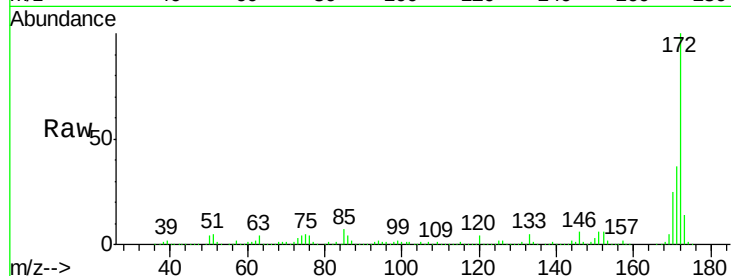




#44
 2-Fluorobiphenyl
 Concen: 72.84 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

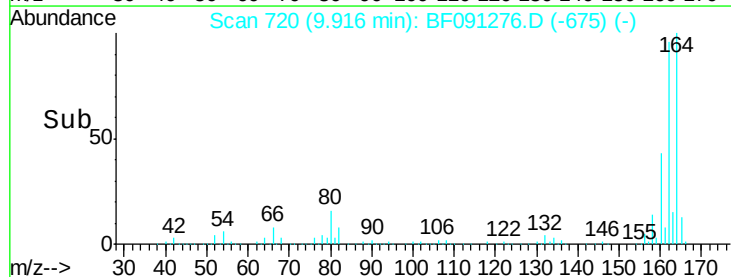
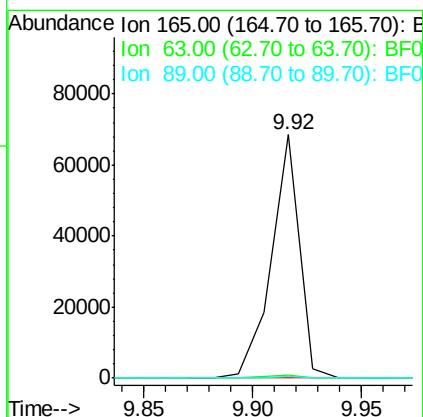
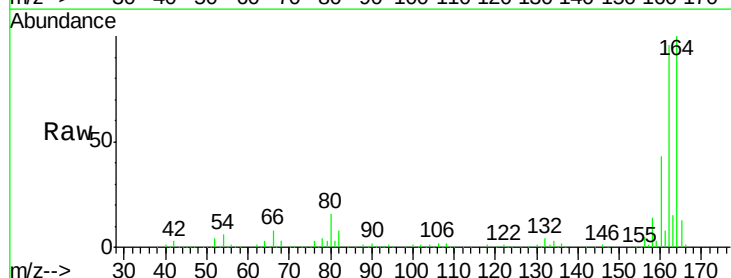
Instrument :
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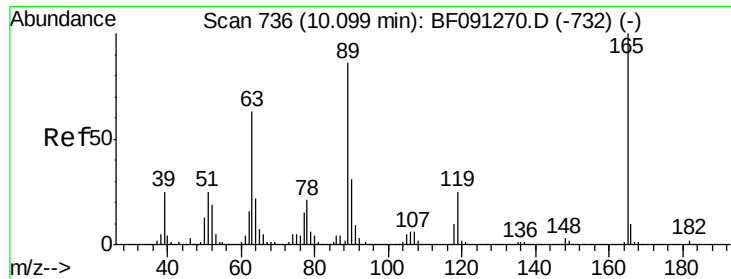
Tgt Ion:172 Resp: 2135687
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.1 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 9.51 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.22 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Tgt Ion:165 Resp: 62246
 Ion Ratio Lower Upper
 165 100
 63 1.2 59.4 89.0#
 89 0.9 50.8 76.2#

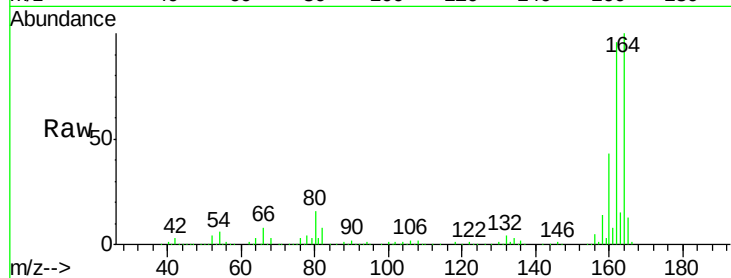




#56
 2,4-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.18 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 DW-BSB-11222016

Tgt Ion:	165	Resp:	62235
Ion Ratio	Lower	Upper	
165	100		
63	1.2	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#

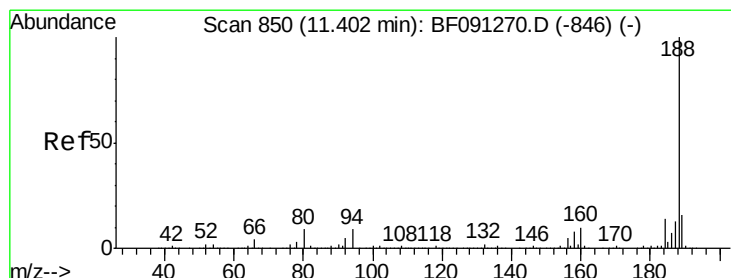
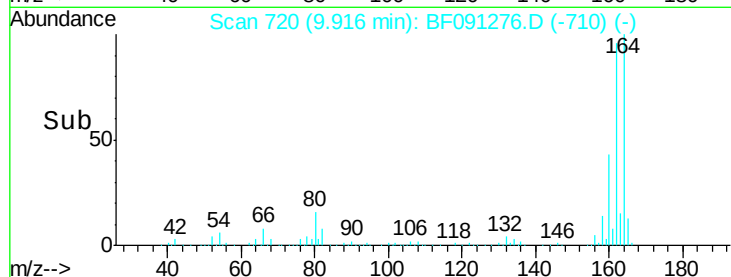
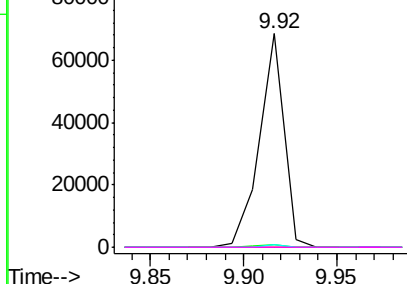


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

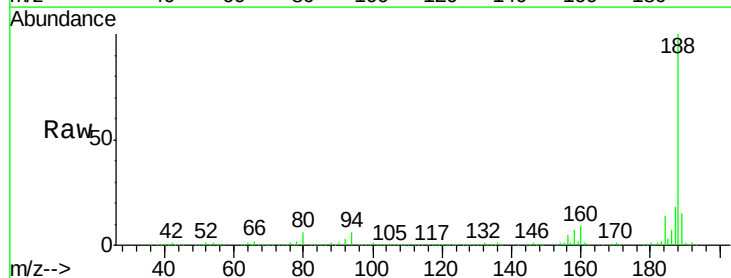
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

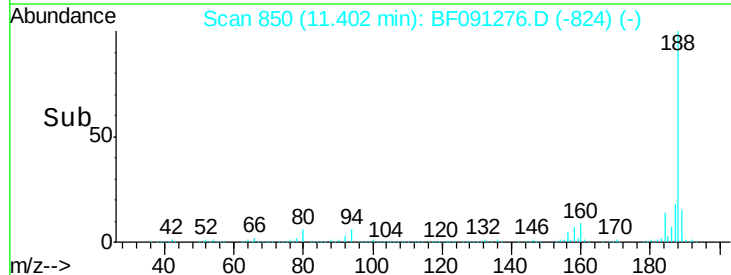
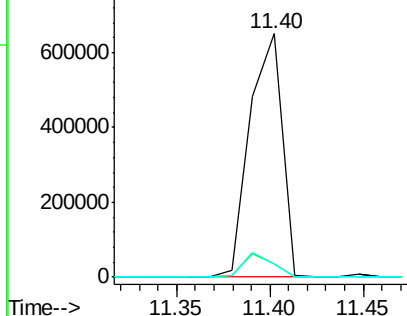
Tgt Ion:	188	Resp:	796349
Ion Ratio	Lower	Upper	
188	100		
94	5.7	9.2	13.8#
80	5.5	10.5	15.7#

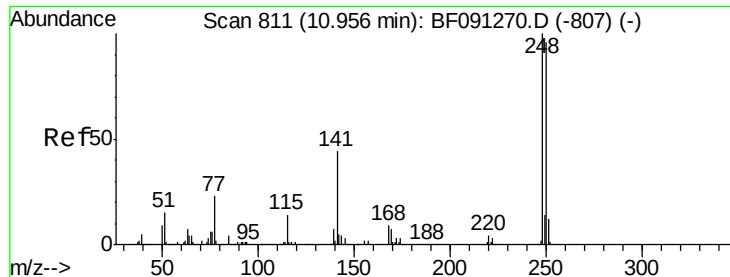


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

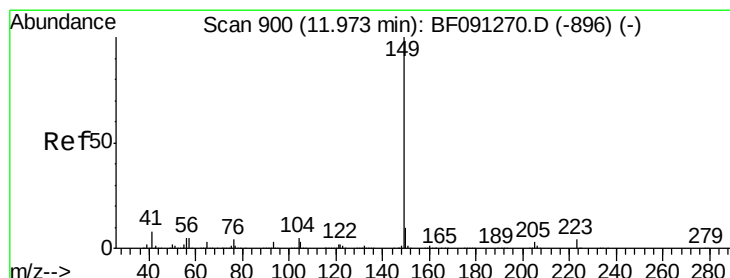
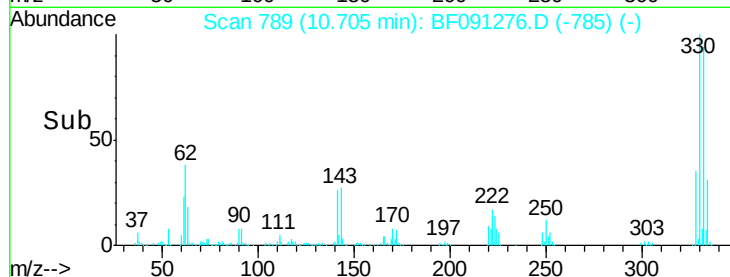
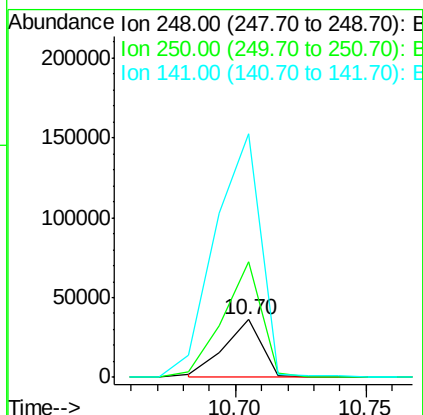
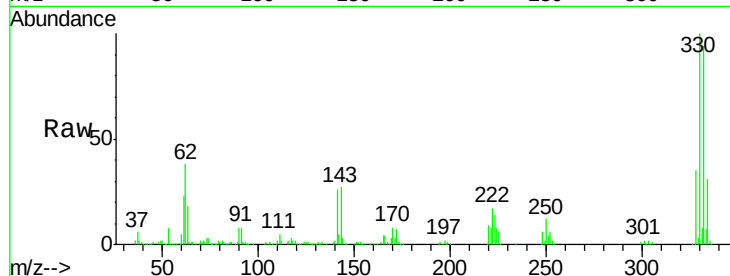




#66
 4-Bromophenyl-phenylether
 Concen: 4.14 ng
 RT: 10.70 min Scan# 789
 Delta R.T. -0.25 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

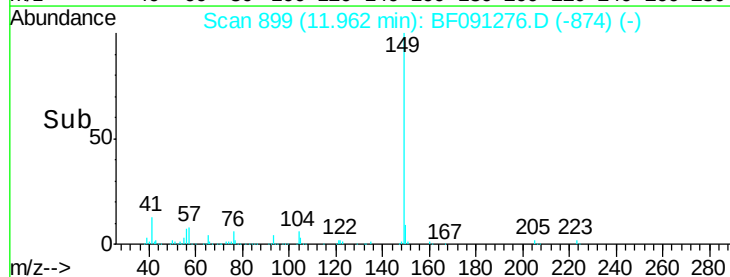
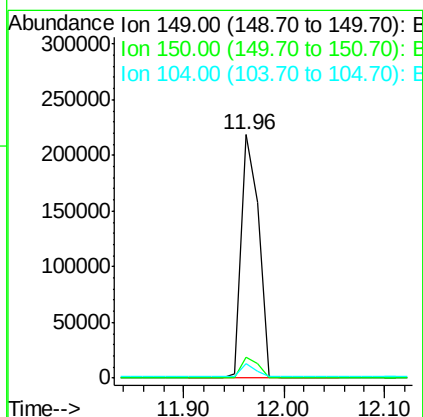
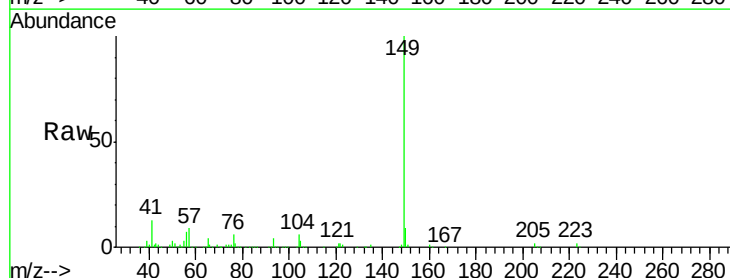
Instrument :
 BNA_F
 ClientSampleId :
 DW-BSB-11222016

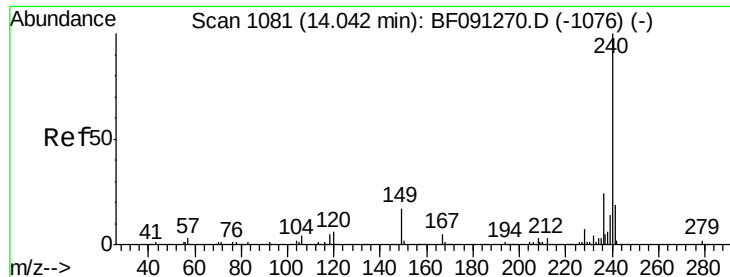
Tgt Ion:248 Resp: 36033
 Ion Ratio Lower Upper
 248 100
 250 198.7 78.2 117.4#
 141 420.6 71.9 107.9#



#73
 Di-n-butylphthalate
 Concen: 6.05 ng
 RT: 11.96 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Tgt Ion:149 Resp: 263196
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 6.1 4.0 6.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

Instrument :

BNA_F

ClientSampleId :

DW-BSB-11222016

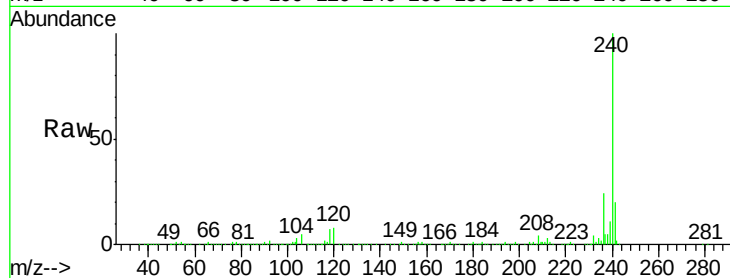
Tgt Ion:240 Resp: 753654

Ion Ratio Lower Upper

240 100

120 8.1 12.1 18.1#

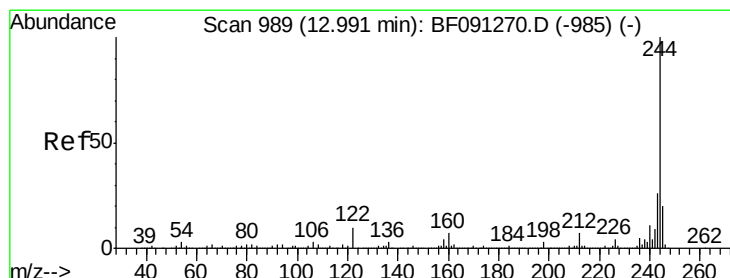
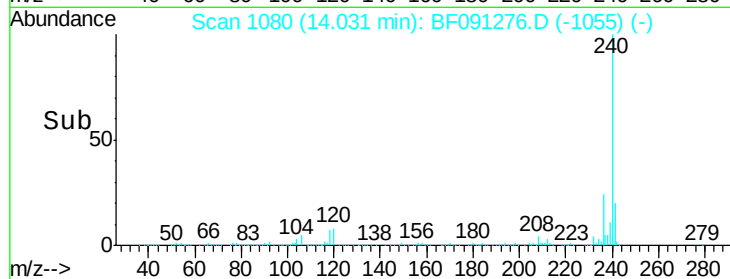
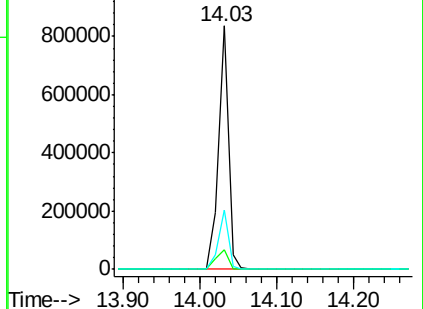
236 24.2 21.0 31.6



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: 66.51 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

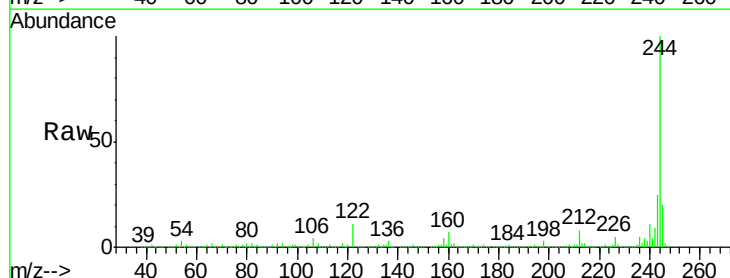
Tgt Ion:244 Resp: 2194696

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

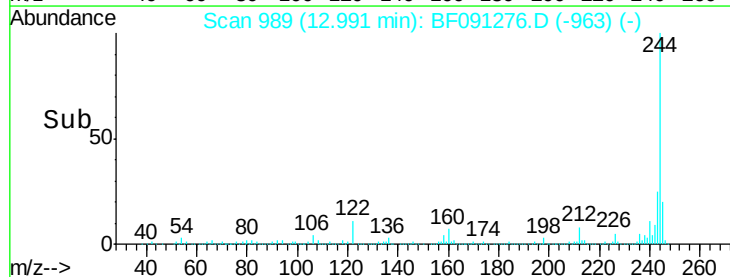
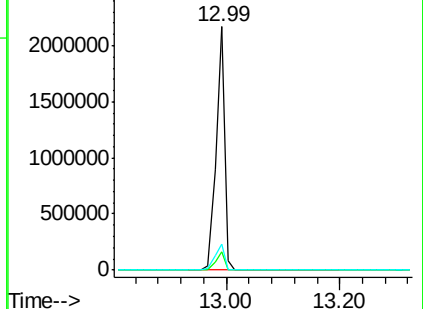
122 10.8 9.5 14.3

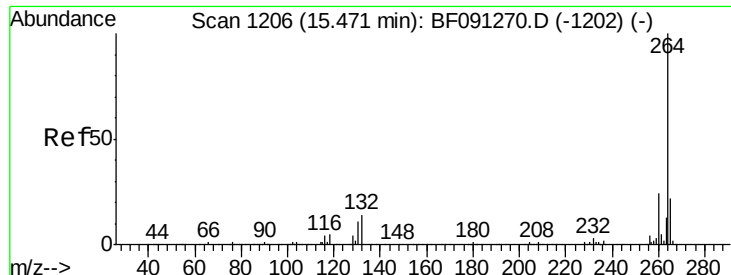


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion: 264 Resp: 600076

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.2	17.0	25.6

