

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091706.D
 Acq On : 17 Dec 2016 7:49
 Operator : UM/SJ
 Sample : H6091-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Quant Time: Dec 17 22:28:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

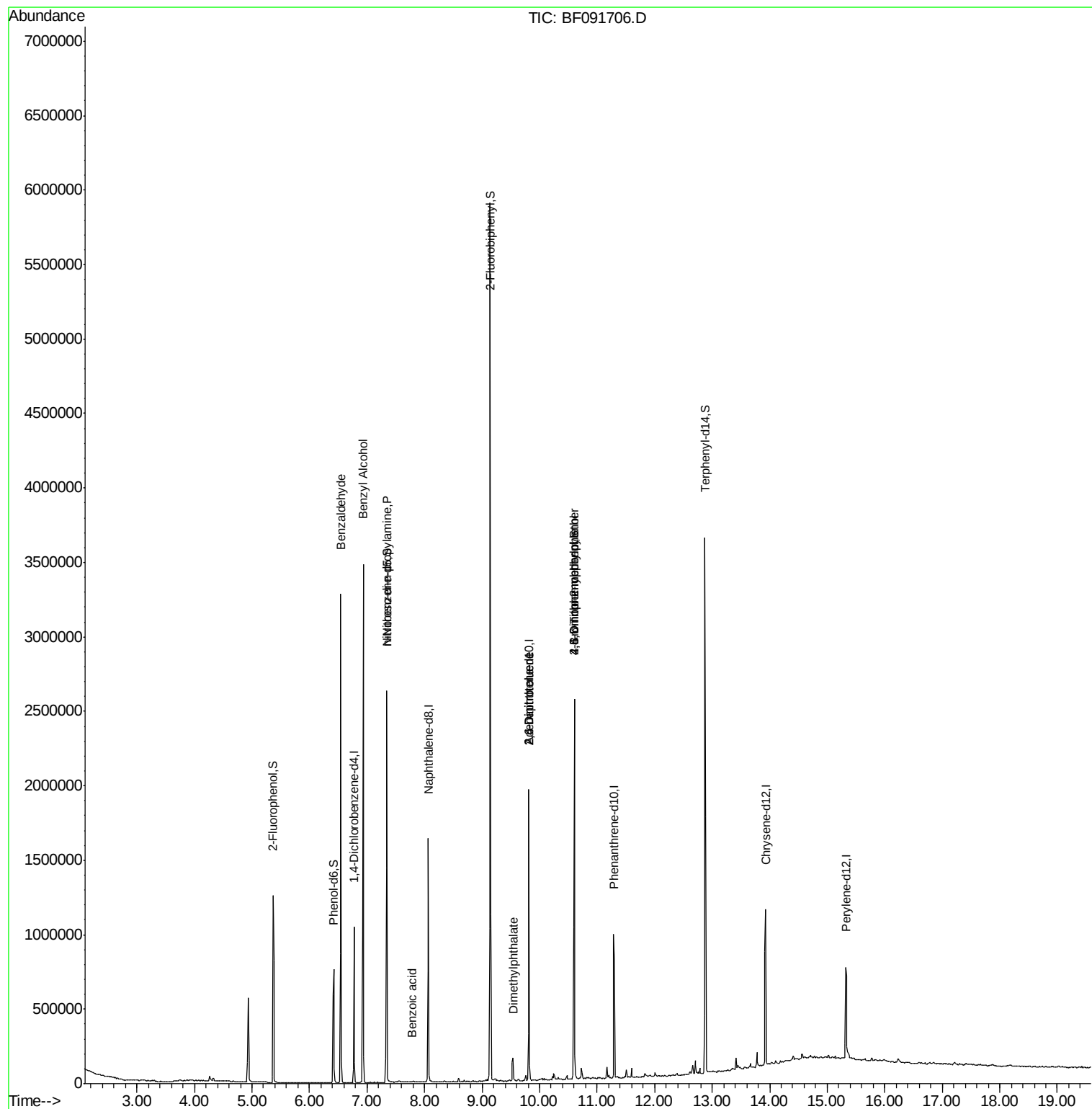
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	141019	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	862216	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	382199	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	493786	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	478826	20.00	ng	-0.01
86) Perylene-d12	15.33	264	341704	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	414605	49.53	ng	-0.01
7) Phenol-d6	6.42	99	320110	30.68	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1041305	67.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	315765	99.47	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1847147	83.51	ng	-0.01
78) Terphenyl-d14	12.88	244	1328127	62.94	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.54	77	21723	3.02	ng	85
15) Benzyl Alcohol	6.93	79	16710	2.03	ng	# 39
19) n-Nitroso-di-n-propylamine	7.34	70	142026	21.77	ng	# 62
32) Benzoic acid	7.78	122	536	4.95	ng	# 64
49) Dimethylphthalate	9.54	163	89158	3.68	ng	100
50) 2,6-Dinitrotoluene	9.81	165	51053	9.61	ng	# 16
56) 2,4-Dinitrotoluene	9.81	165	51044	7.67	ng	# 33
57) Fluorene	10.60	166	15003	Below Cal		# 94
64) 4,6-Dinitro-2-methylphenol	10.60	198	579	3.13	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	21034	4.15	ng	# 1

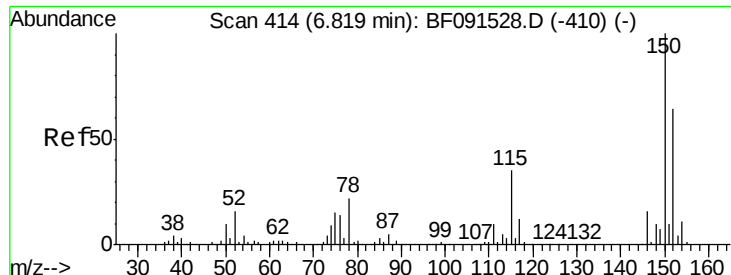
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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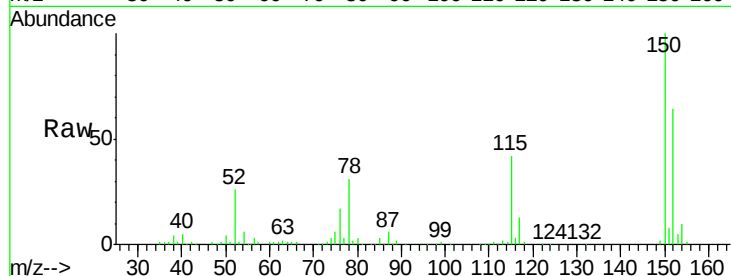


#1

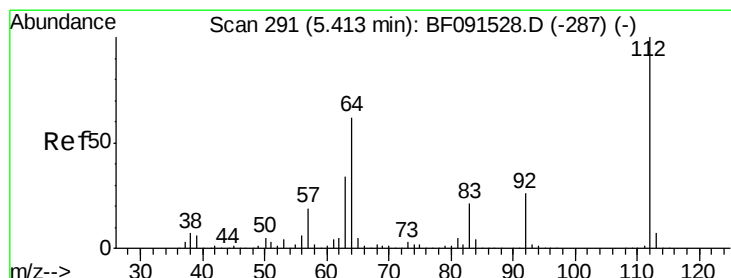
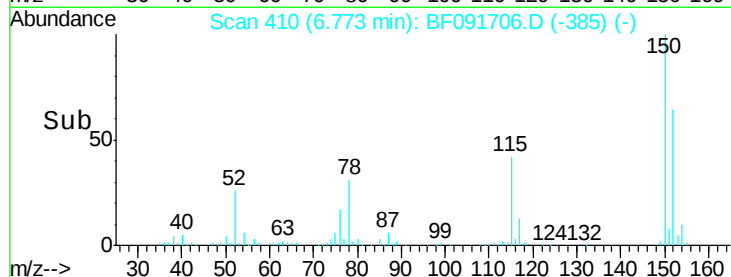
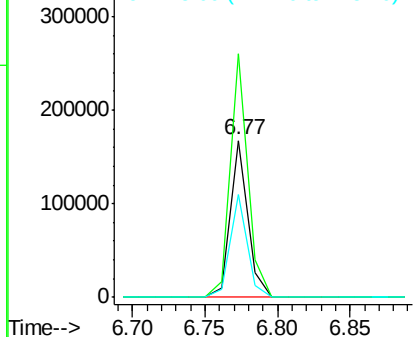
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion:152 Resp: 141019
Ion Ratio Lower Upper
152 100
150 155.1 122.5 183.7
115 65.1 51.8 77.8



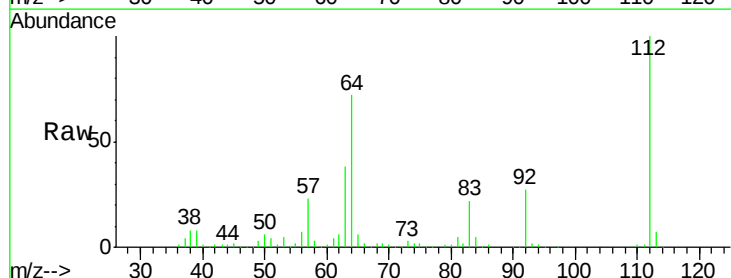
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



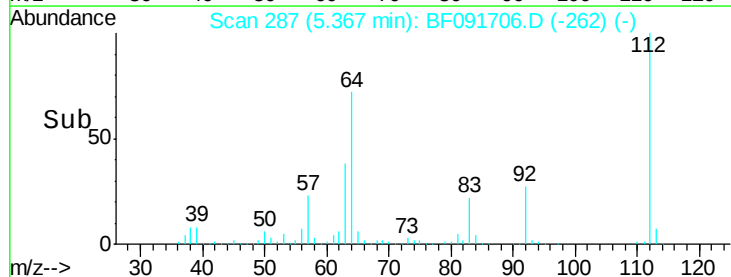
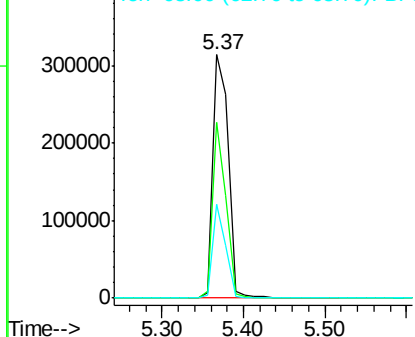
#5

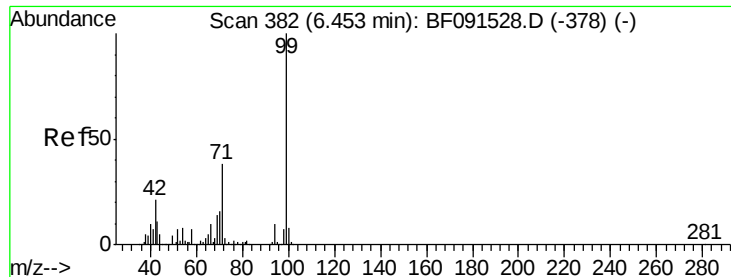
2-Fluorophenol
Concen: 49.53 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Tgt Ion:112 Resp: 414605
Ion Ratio Lower Upper
112 100
64 72.3 61.5 92.3
63 38.4 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: 30.68 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091706.D

Acq: 17 Dec 2016 7:49

Instrument :

BNA_F

ClientSampleId :

MW-37

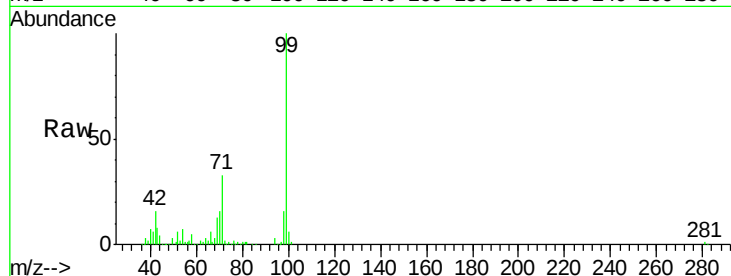
Tgt Ion: 99 Resp: 320110

Ion Ratio Lower Upper

99 100

42 15.9 20.6 31.0#

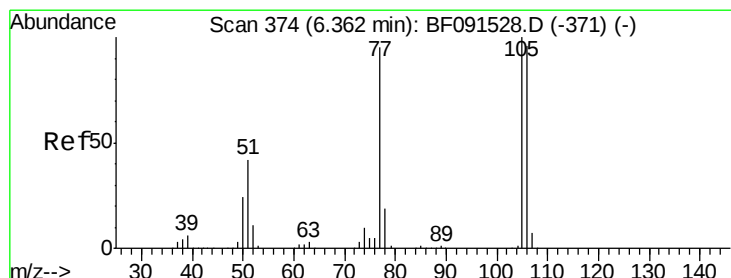
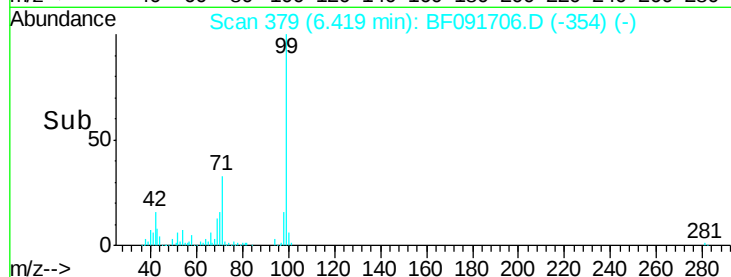
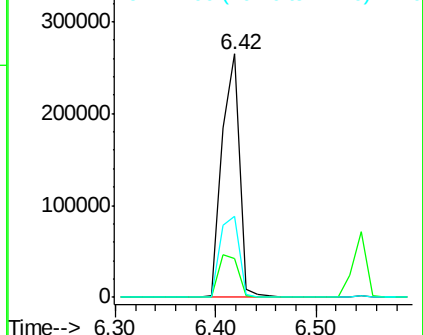
71 33.4 29.9 44.9



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: 3.02 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF091706.D

Acq: 17 Dec 2016 7:49

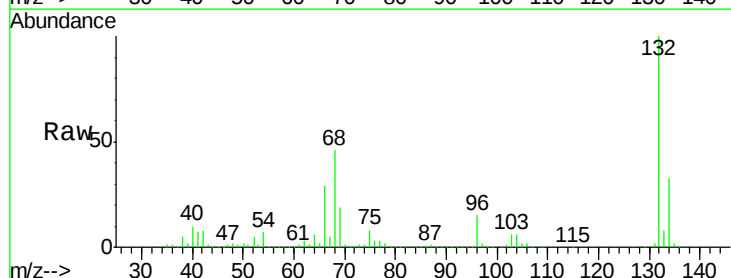
Tgt Ion: 77 Resp: 21723

Ion Ratio Lower Upper

77 100

105 75.6 66.4 106.4

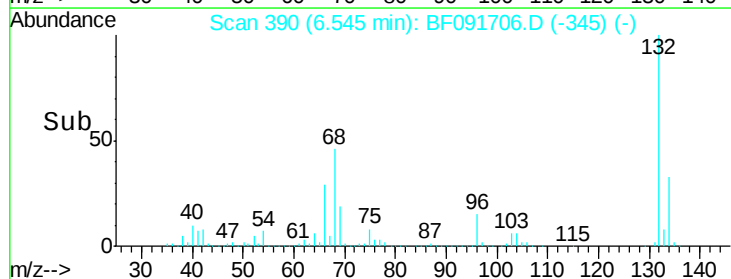
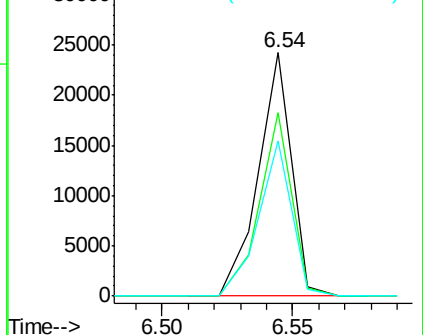
106 63.8 60.9 100.9

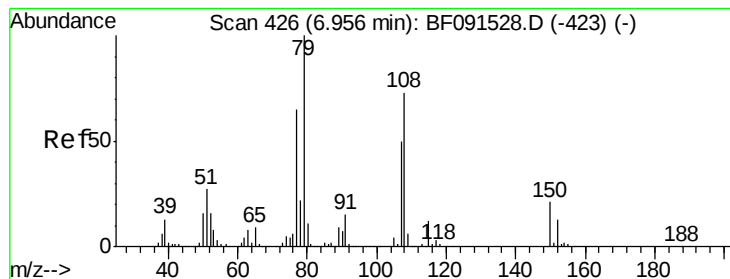


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF091706.D

Acq: 17 Dec 2016 7:49

Instrument :

BNA_F

ClientSampleId :

MW-37

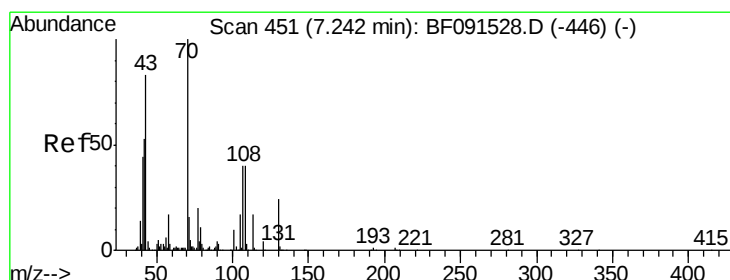
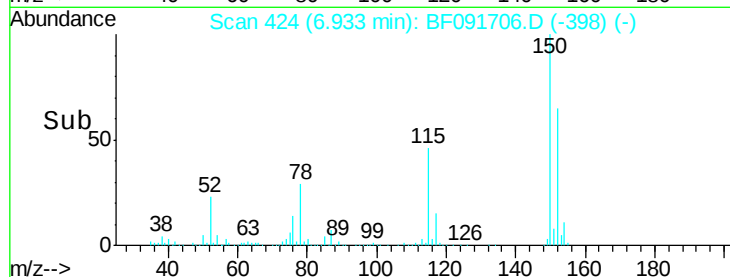
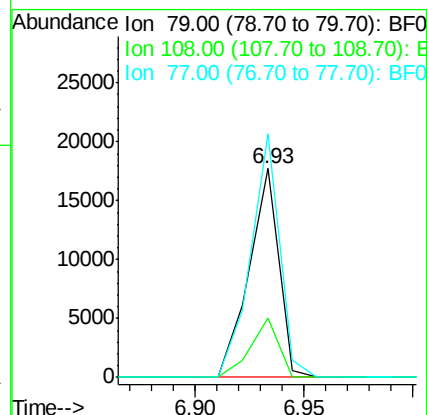
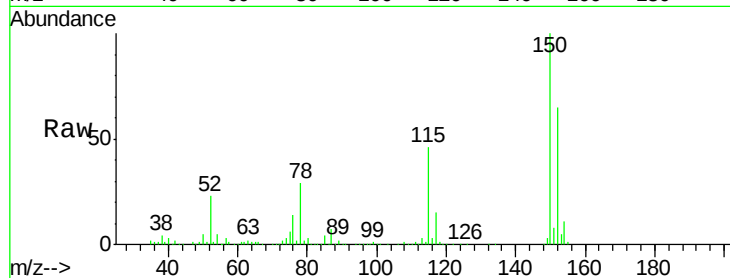
Tgt Ion: 79 Resp: 16710

Ion Ratio Lower Upper

79 100

108 28.7 62.7 94.1#

77 116.7 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 21.77 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF091706.D

Acq: 17 Dec 2016 7:49

Tgt Ion: 70 Resp: 142026

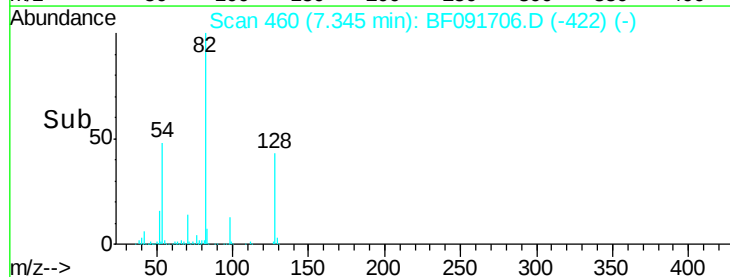
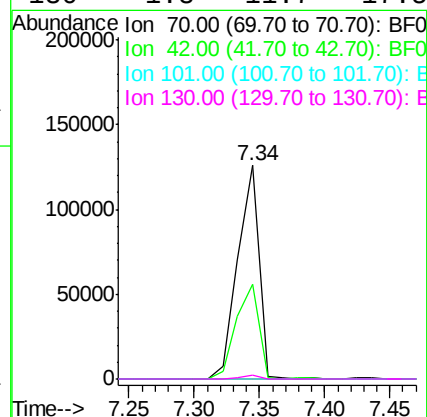
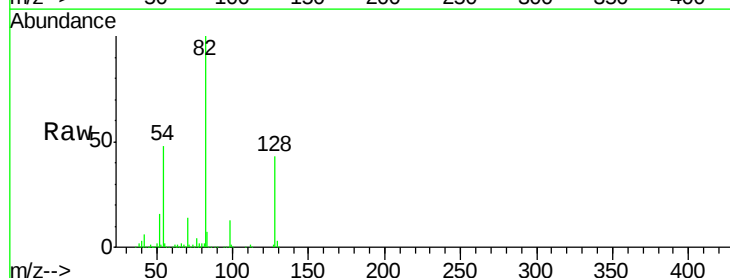
Ion Ratio Lower Upper

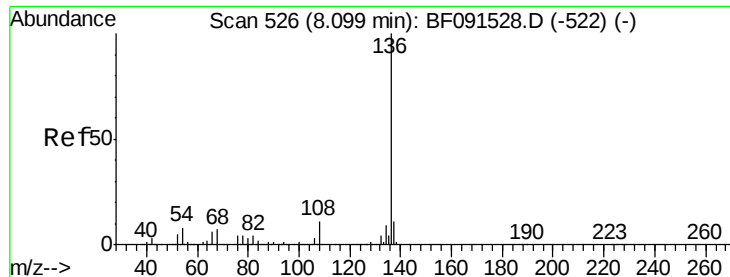
70 100

42 44.2 64.8 97.2#

101 0.0 6.2 9.4#

130 1.8 11.7 17.5#

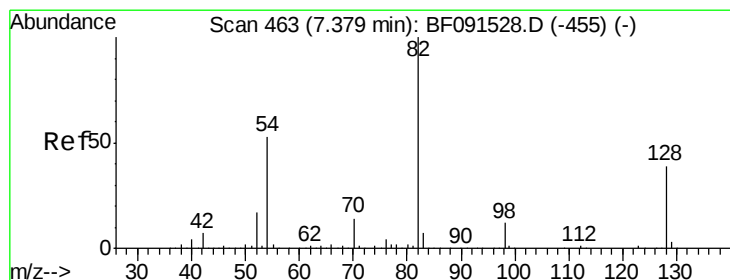
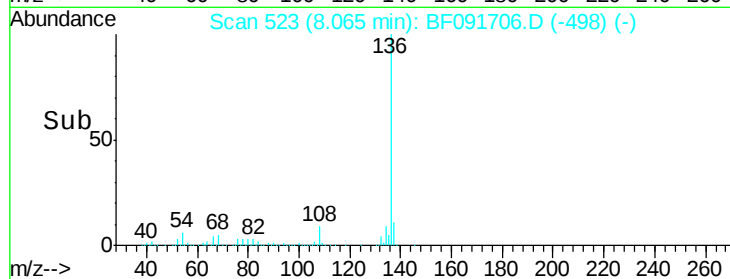
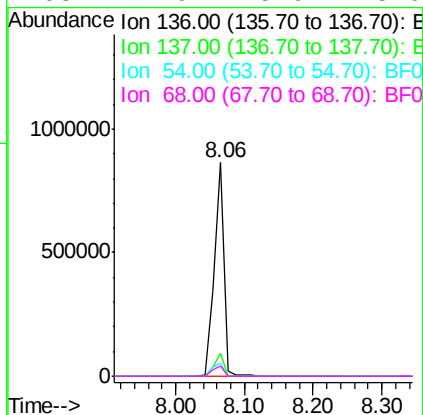
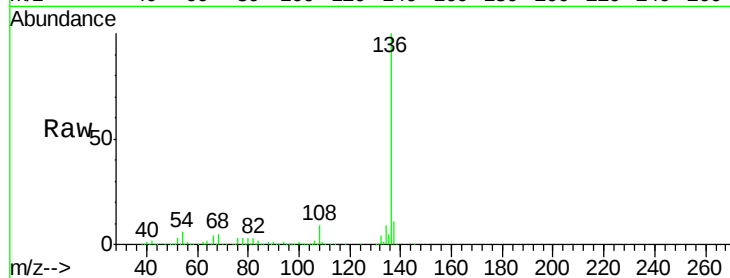




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

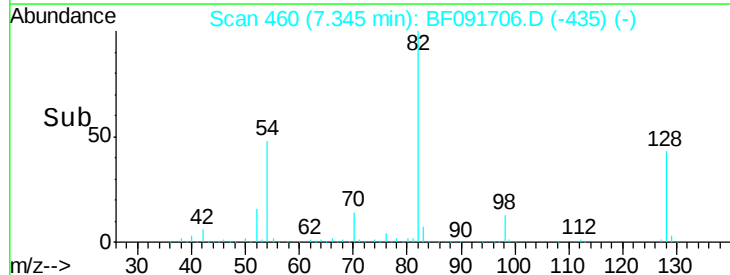
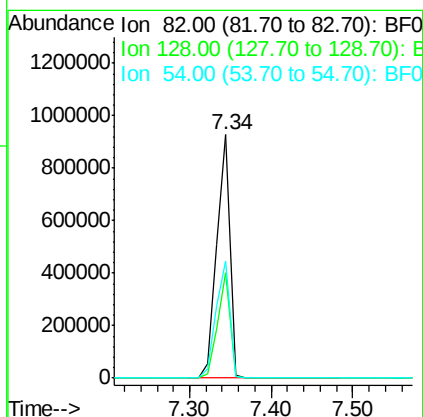
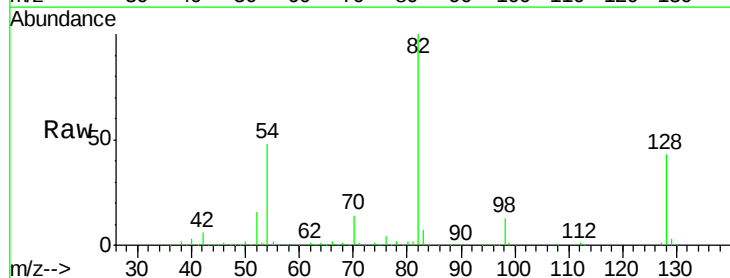
Instrument :
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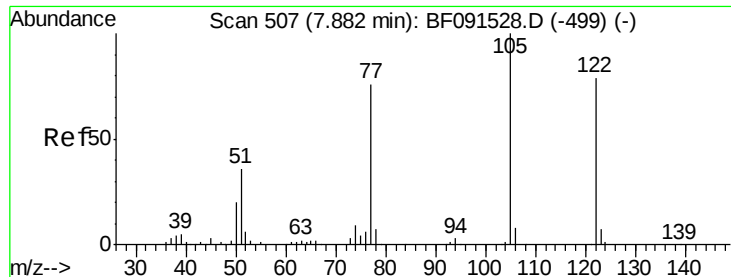
Tgt Ion:	136	Resp:	862216
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.9	9.1	13.7#
68	4.9	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 67.41 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Tgt Ion:	82	Resp:	1041305
Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.8	47.6
54	48.3	49.1	73.7#

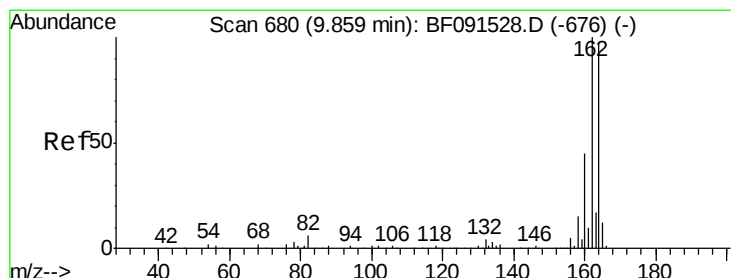
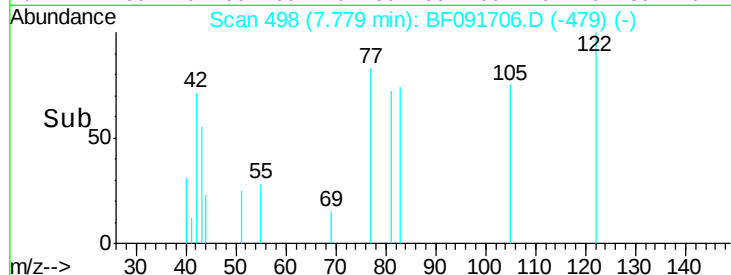
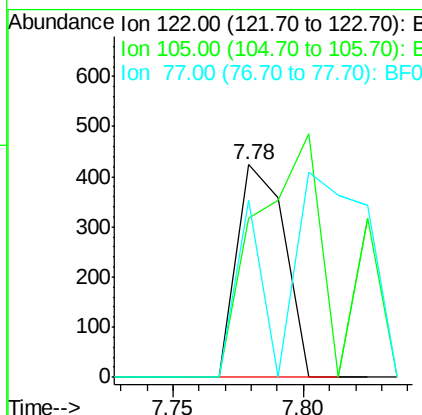
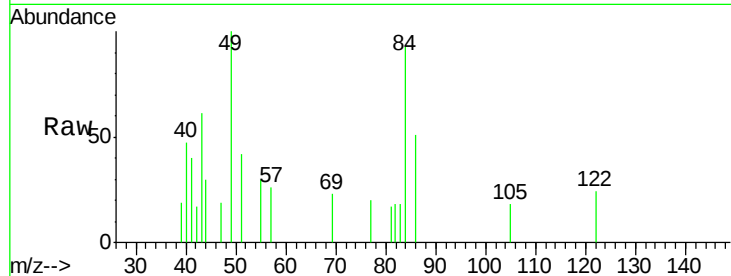




#32
Benzoic acid
Concen: 4.95 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.08 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

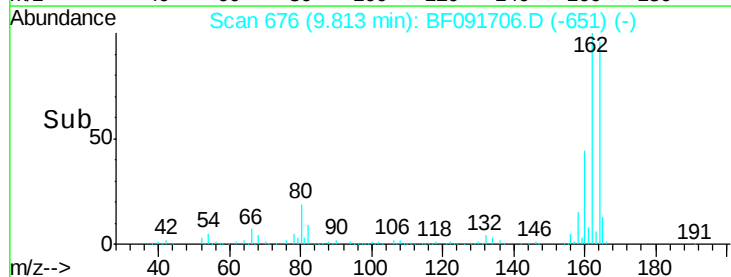
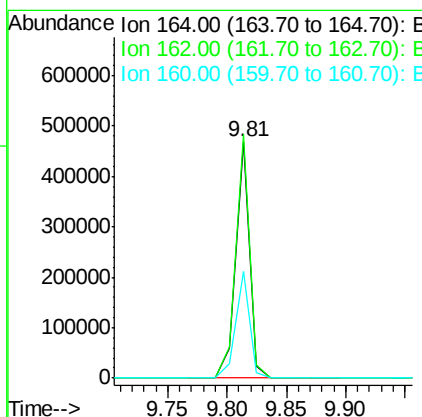
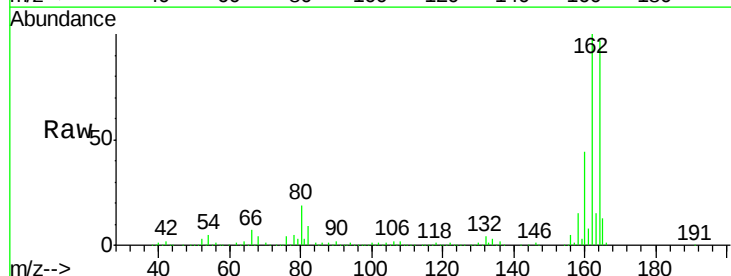
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BNA_F
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MW-37

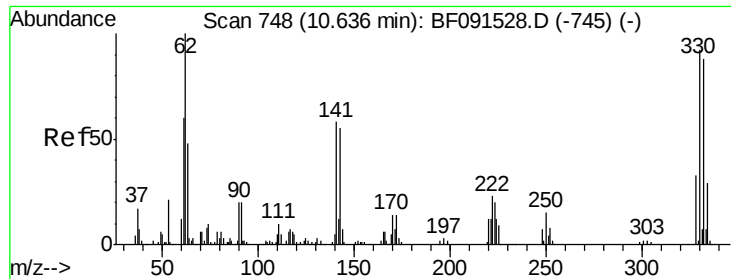
Tgt Ion:122 Resp: 536
Ion Ratio Lower Upper
122 100
105 75.0 113.0 153.0#
77 83.3 82.0 122.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Tgt Ion:164 Resp: 382199
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 45.3 36.7 55.1

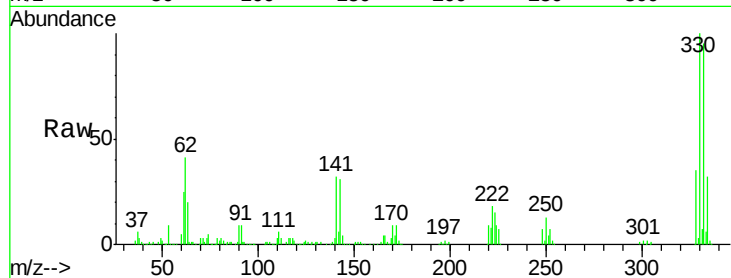




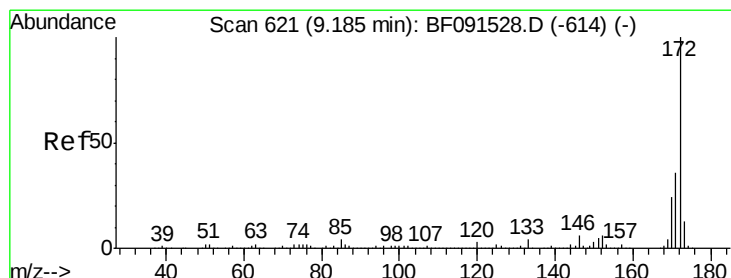
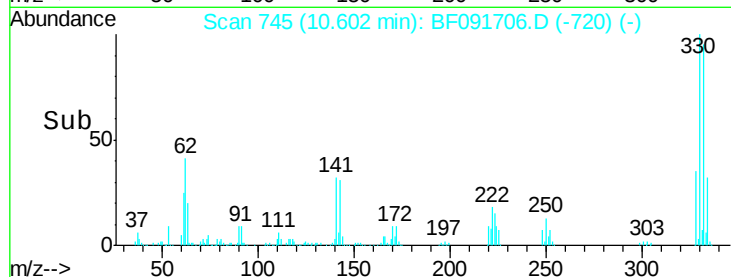
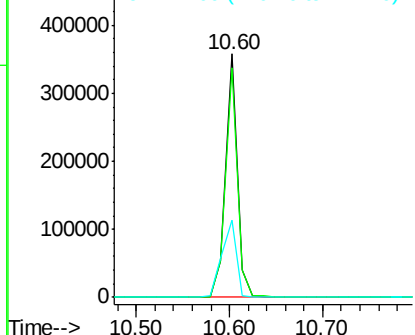
#41
 2,4,6-Tribromophenol
 Concen: 99.47 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091706.D
 Acq: 17 Dec 2016 7:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Tgt Ion:330 Resp: 315765
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 39.1 33.6 50.4

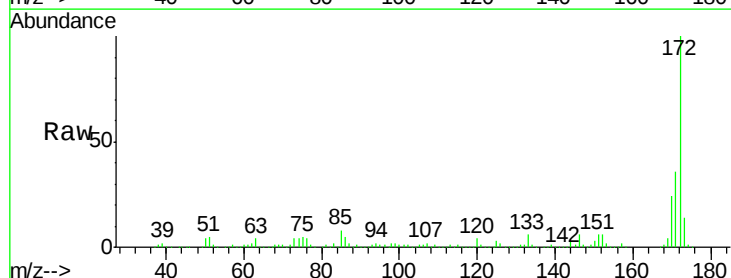


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

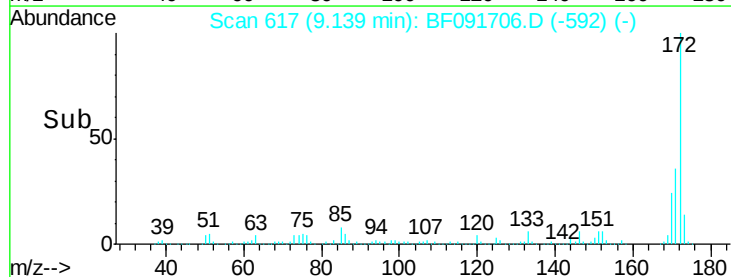
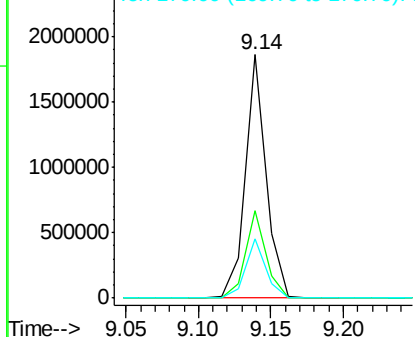


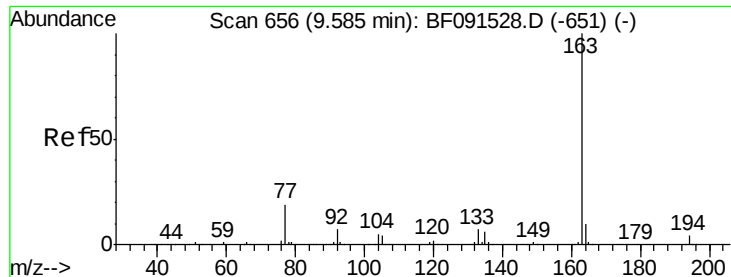
#44
 2-Fluorobiphenyl
 Concen: 83.51 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091706.D
 Acq: 17 Dec 2016 7:49

Tgt Ion:172 Resp: 1847147
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.4 19.7 29.5



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

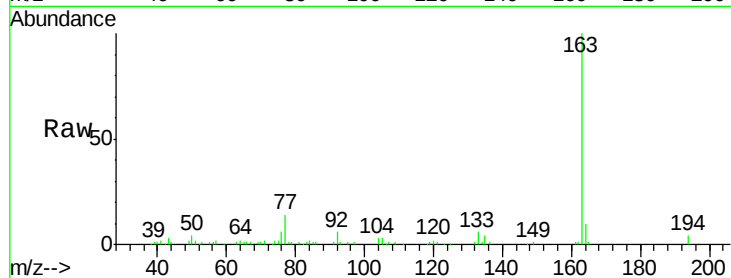




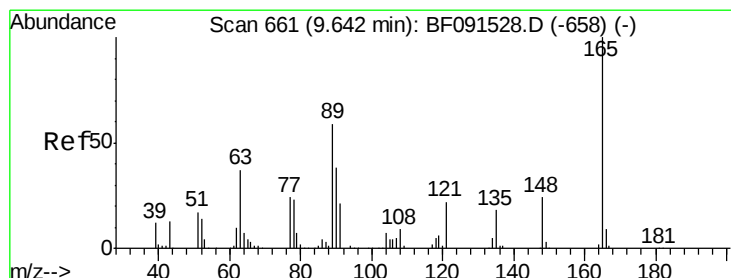
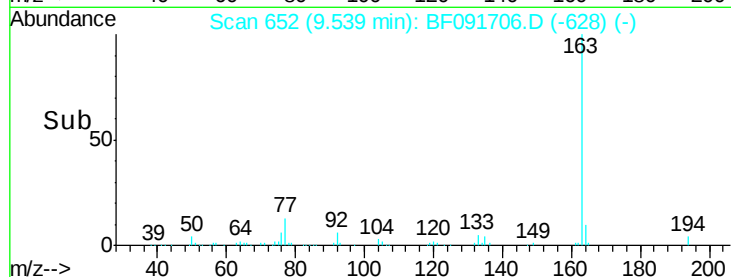
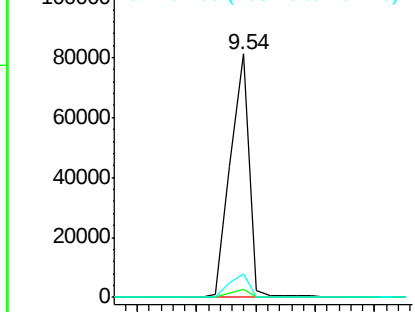
#49
Dimethylphthalate
Concen: 3.68 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion:163 Resp: 89158
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.6 7.8 11.8

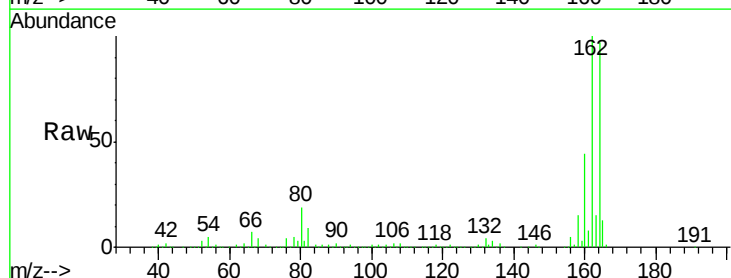


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

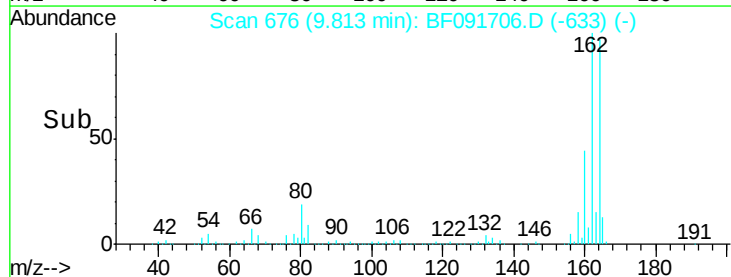
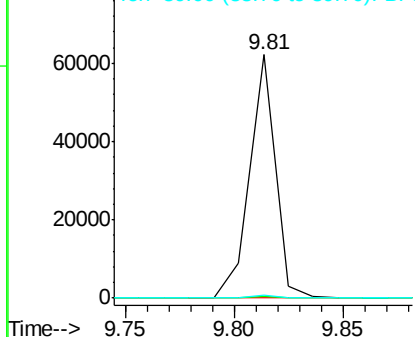


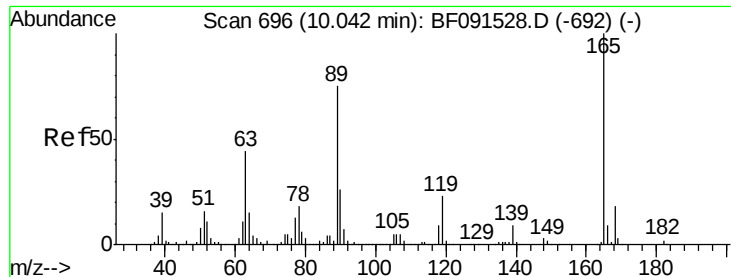
#50
2,6-Dinitrotoluene
Concen: 9.61 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.19 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Tgt Ion:165 Resp: 51053
Ion Ratio Lower Upper
165 100
63 0.7 59.4 89.0#
89 1.1 50.8 76.2#



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

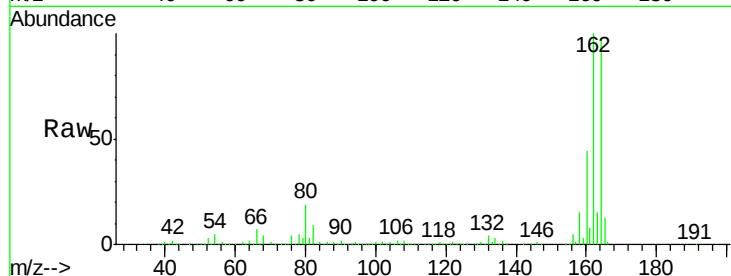




#56
2,4-Dinitrotoluene
Concen: 7.67 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#

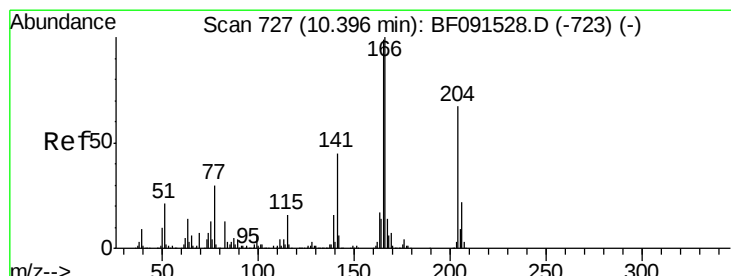
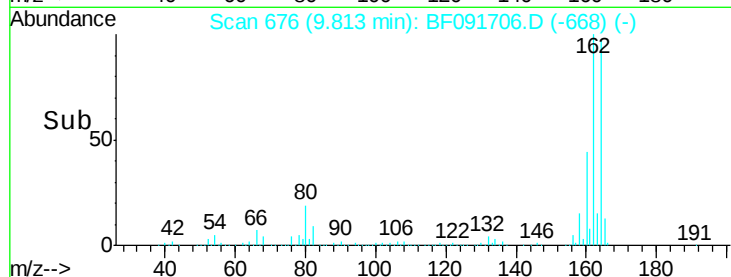
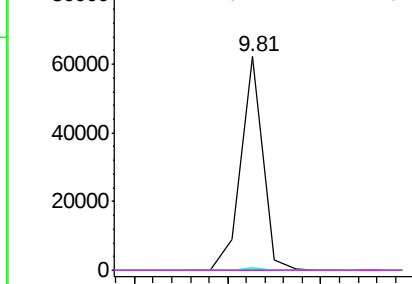


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

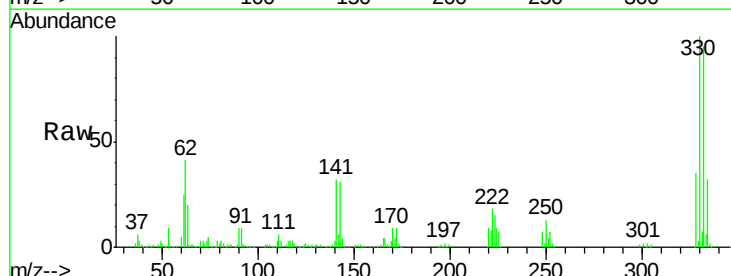
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.60 min Scan# 745
Delta R.T. 0.23 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

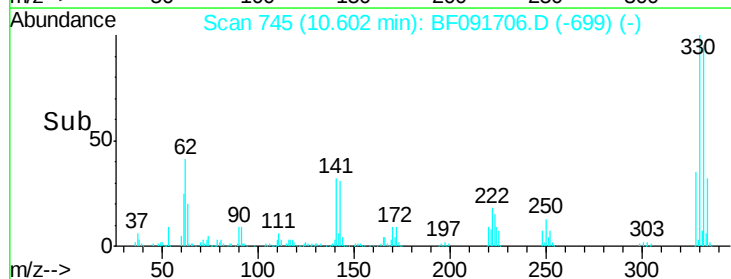
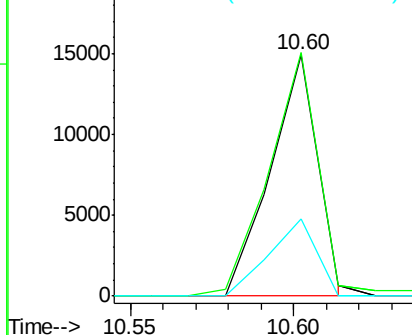
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.0	120.0
167	31.8	10.8	16.2#

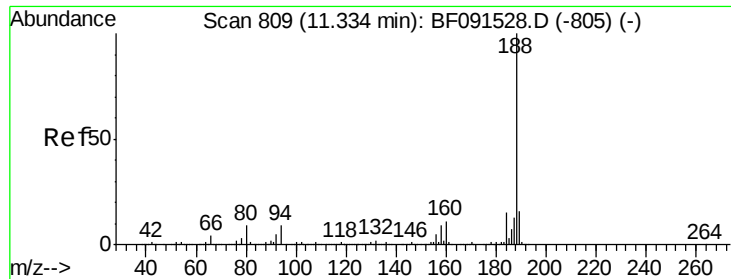


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

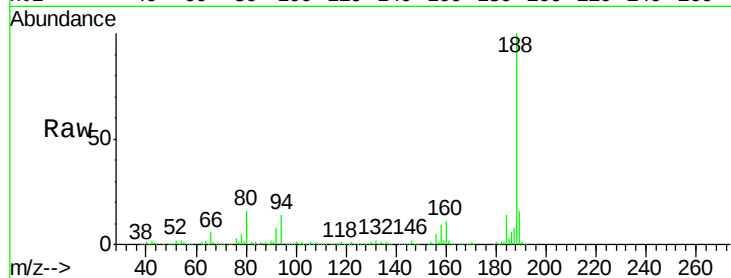




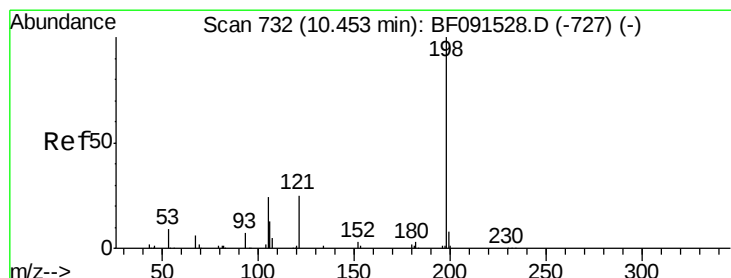
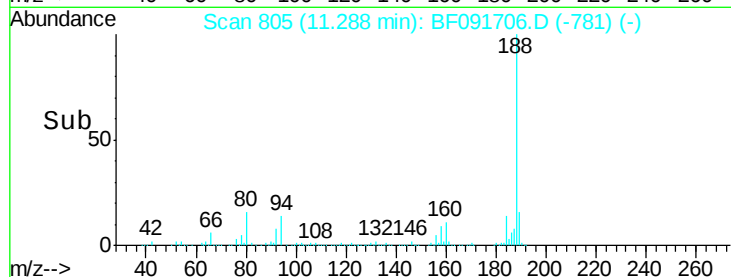
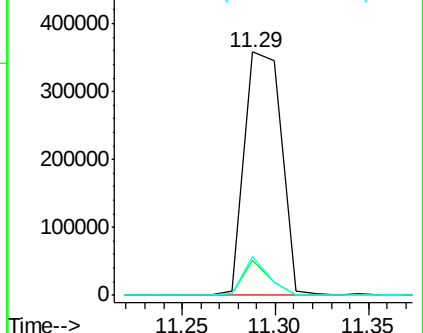
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion:188 Resp: 493786
Ion Ratio Lower Upper
188 100
94 14.1 9.2 13.8#
80 16.0 10.5 15.7#

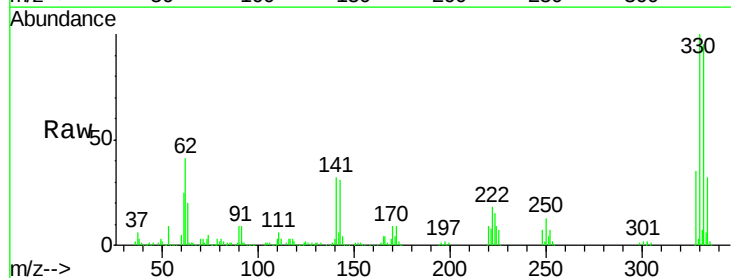


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

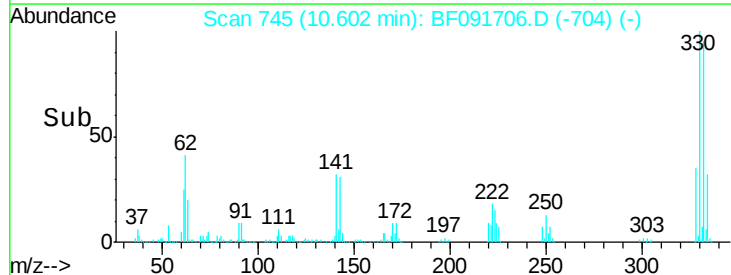
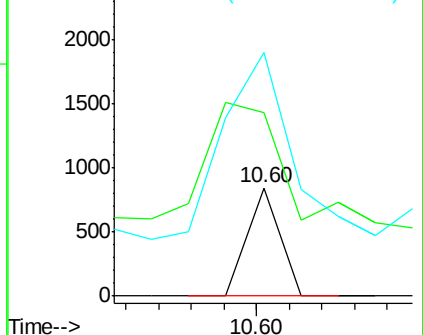


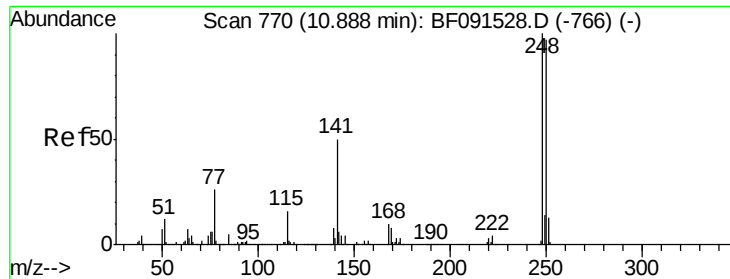
#64
4,6-Dinitro-2-methylphenol
Concen: 3.13 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.17 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Tgt Ion:198 Resp: 579
Ion Ratio Lower Upper
198 100
51 169.5 77.1 117.1#
105 224.5 44.8 84.8#



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

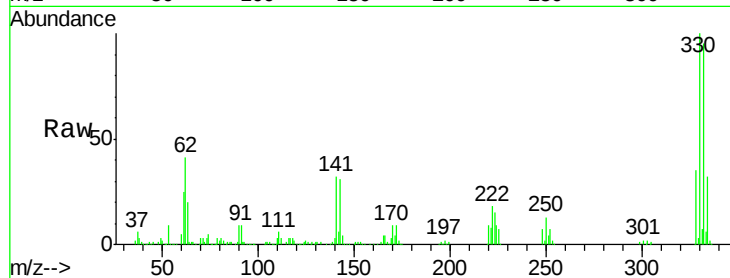




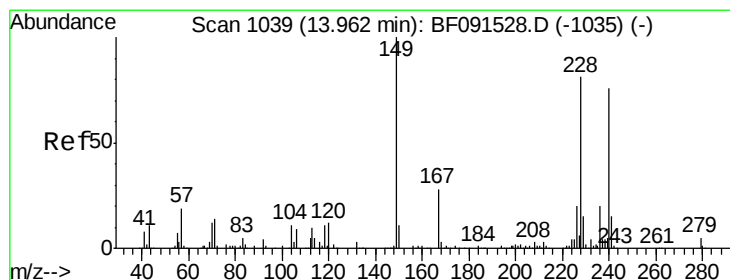
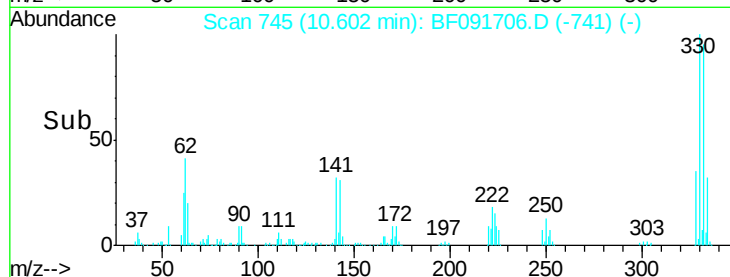
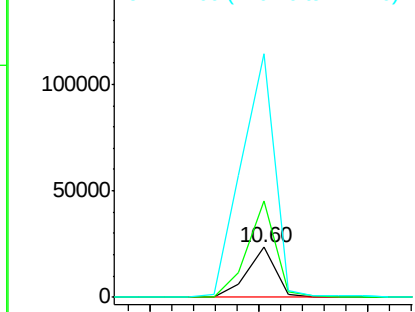
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion: 248 Resp: 21034
Ion Ratio Lower Upper
248 100
250 194.7 78.2 117.4#
141 488.5 71.9 107.9#

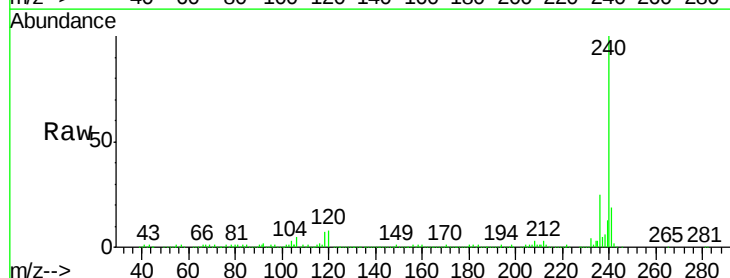


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

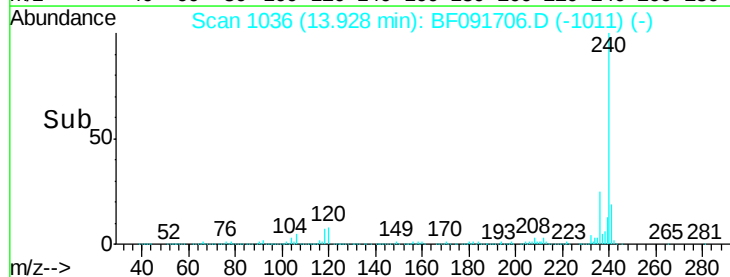
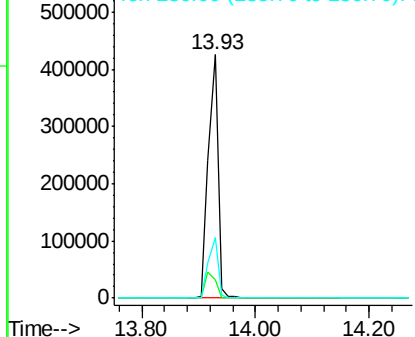


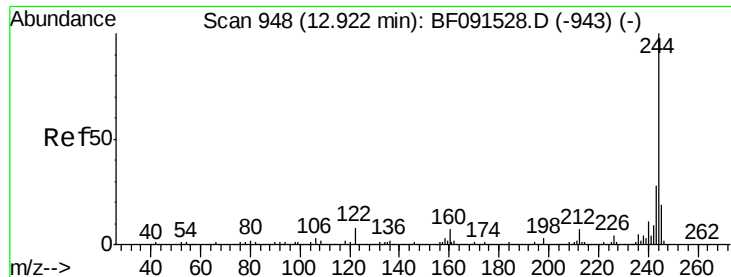
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF091706.D
Acq: 17 Dec 2016 7:49

Tgt Ion: 240 Resp: 478826
Ion Ratio Lower Upper
240 100
120 7.8 12.1 18.1#
236 24.7 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: 62.94 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091706.D

Acq: 17 Dec 2016 7:49

Instrument :

BNA_F

ClientSampleId :

MW-37

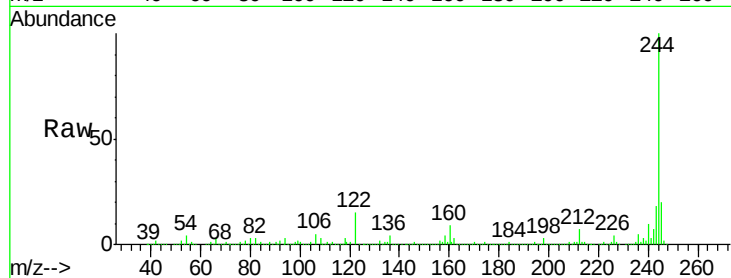
Tgt Ion:244 Resp: 1328127

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

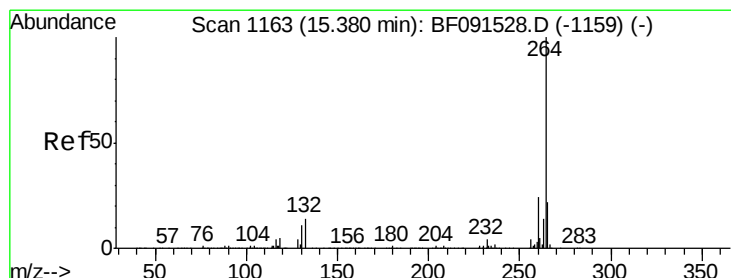
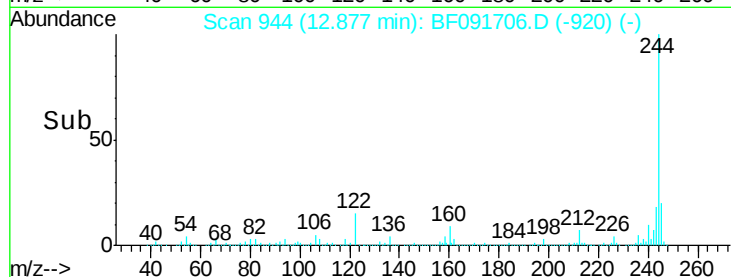
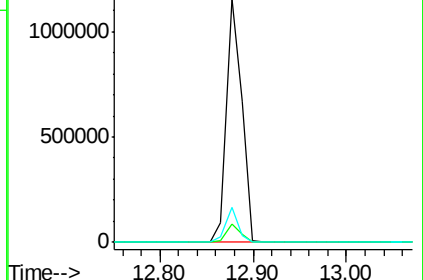
122 14.5 9.5 14.3#



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: 15.33 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF091706.D

Acq: 17 Dec 2016 7:49

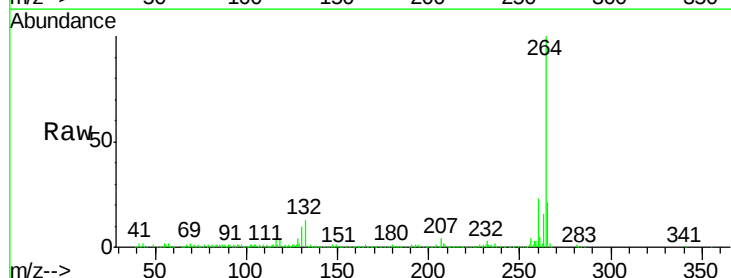
Tgt Ion:264 Resp: 341704

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 20.9 17.0 25.6



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

