

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092010.D
 Acq On : 28 Dec 2016 22:32
 Operator : UM/SJ
 Sample : H6281-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Dec 29 00:42:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

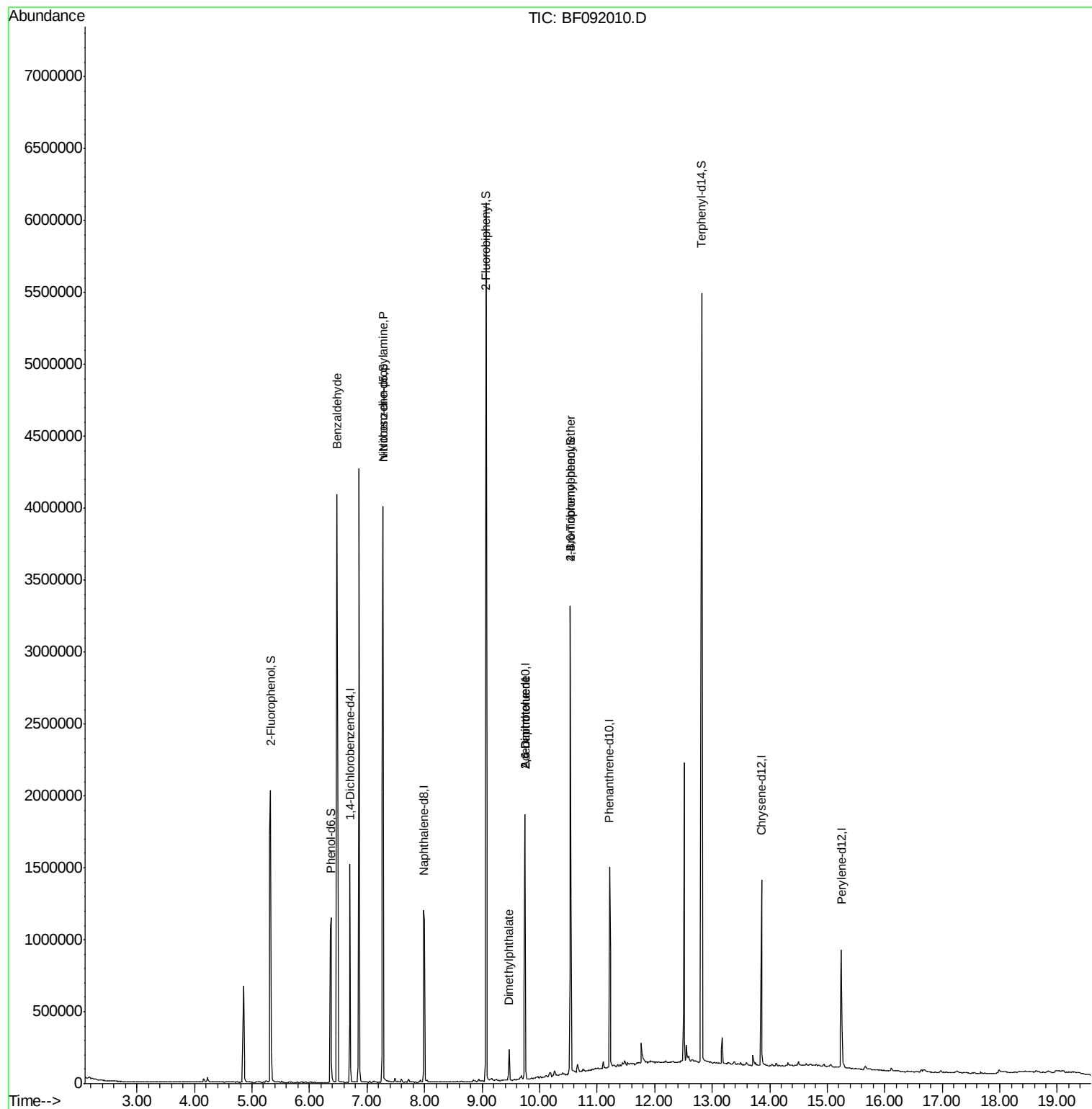
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	232184	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	855931	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	414175	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	628581	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	509299	20.00	ng	-0.01
86) Perylene-d12	15.24	264	356536	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	840456	60.44	ng	0.00
7) Phenol-d6	6.37	99	618235	36.42	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1560478	101.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	457622	133.51	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	2254521	116.28	ng	-0.01
78) Terphenyl-d14	12.82	244	2032493	96.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	30273	2.16	ng	# 68
19) n-Nitroso-di-n-propylamine	7.28	70	209417	18.54	ng	# 76
49) Dimethylphthalate	9.47	163	84833	3.20	ng	# 99
50) 2,6-Dinitrotoluene	9.74	165	55147	9.51	ng	# 30
56) 2,4-Dinitrotoluene	9.74	165	55138	7.58	ng	# 19
66) 4-Bromophenyl-phenylether	10.53	248	27420	4.19	ng	# 1
71) Anthracene	11.30	178	785	Below Cal	#	1
73) Di-n-butylphthalate	11.80	149	9401	Below Cal	#	88
74) Fluoranthene	12.43	202	1633	Below Cal	#	10
76) Benzydine	12.53	184	2253	Below Cal	#	1

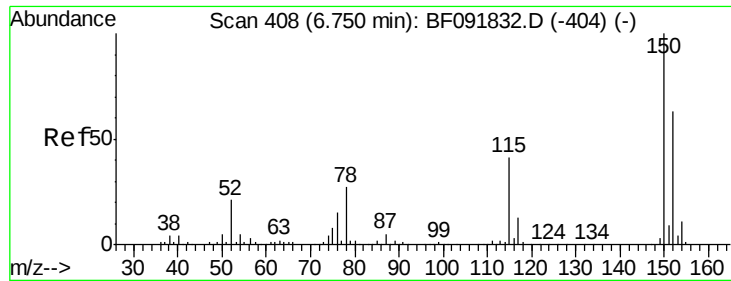
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092010.D

Acq: 28 Dec 2016 22:32

Instrument :

BNA_F

ClientSampleId :

MW-02

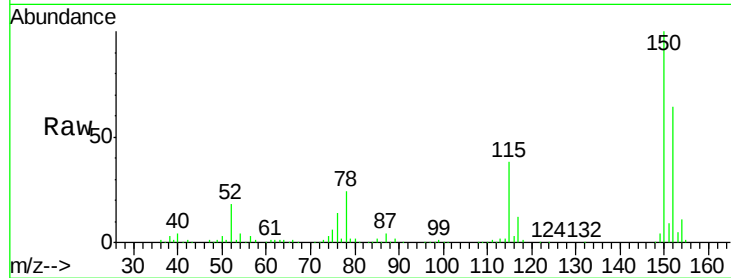
Tgt Ion:152 Resp: 232184

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

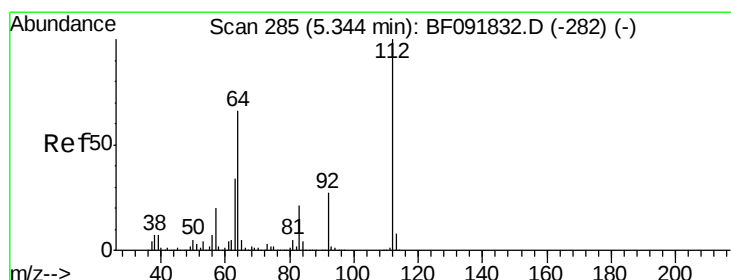
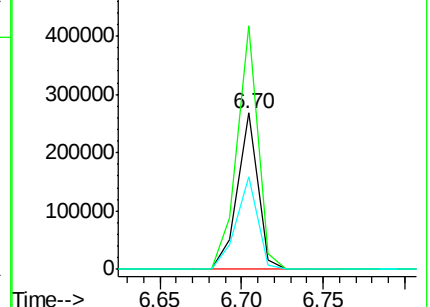
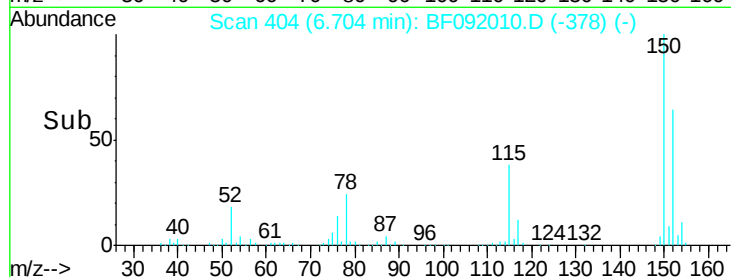
115 58.8 46.0 69.0



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: 60.44 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092010.D

Acq: 28 Dec 2016 22:32

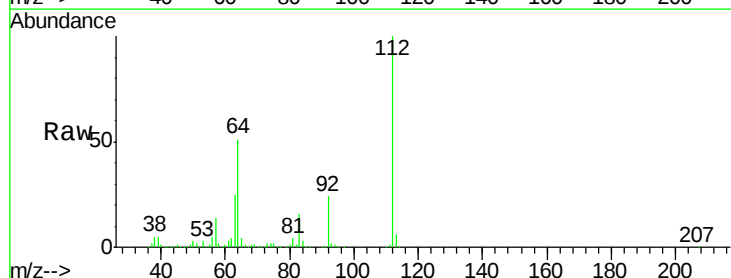
Tgt Ion:112 Resp: 840456

Ion Ratio Lower Upper

112 100

64 51.4 46.1 69.1

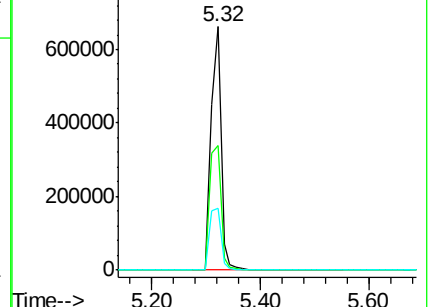
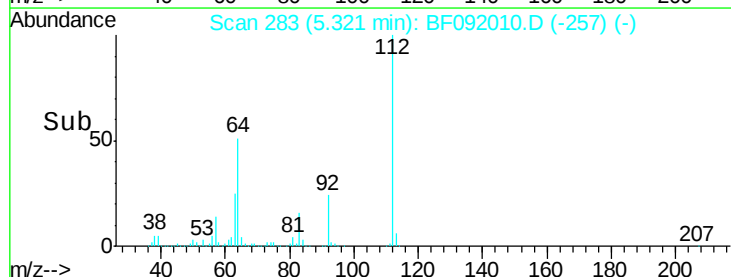
63 25.4 23.8 35.6



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: 36.42 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092010.D

Acq: 28 Dec 2016 22:32

Instrument :

BNA_F

ClientSampleId :

MW-02

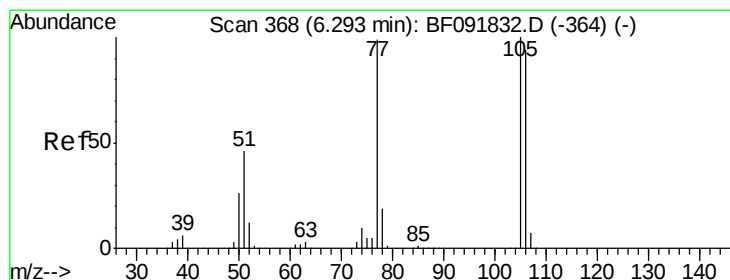
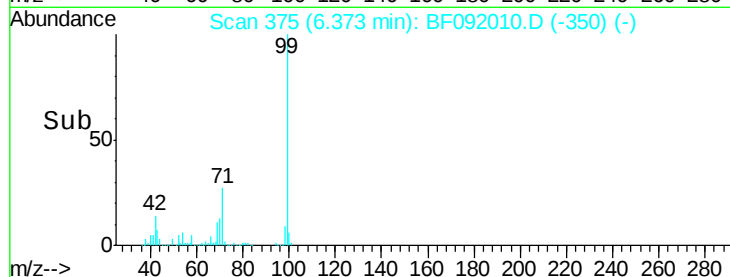
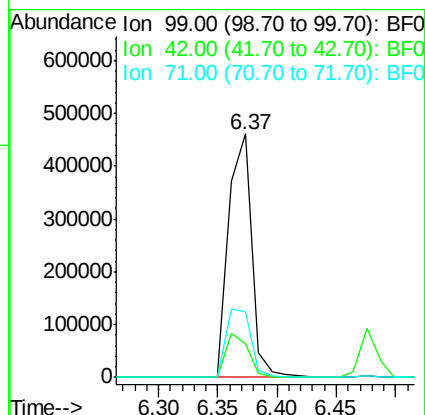
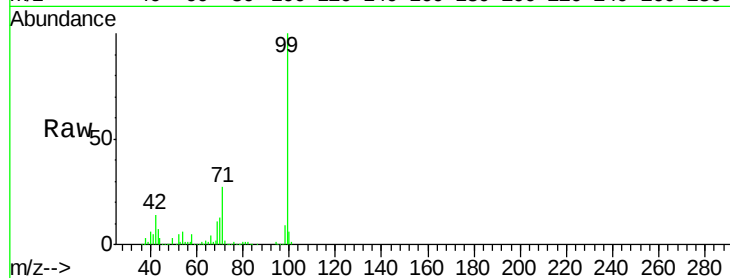
Tgt Ion: 99 Resp: 618235

Ion Ratio Lower Upper

99 100

42 13.7 15.6 23.4#

71 27.2 27.5 41.3#



#9

Benzaldehyde

Concen: 2.16 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.23 min

Lab File: BF092010.D

Acq: 28 Dec 2016 22:32

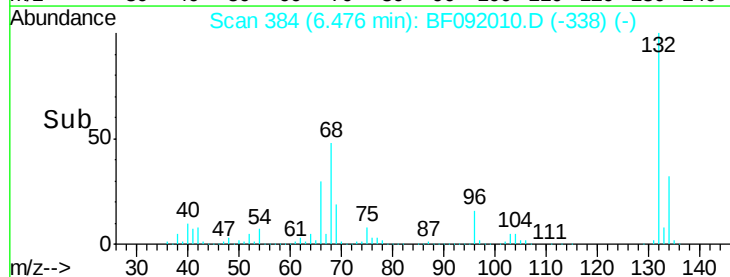
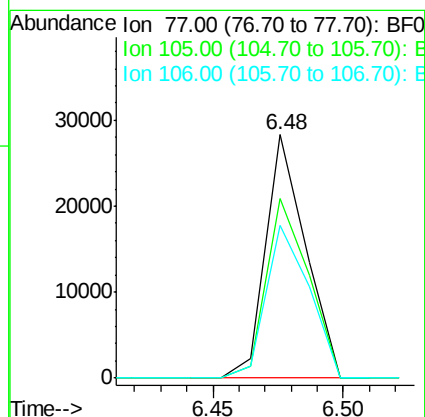
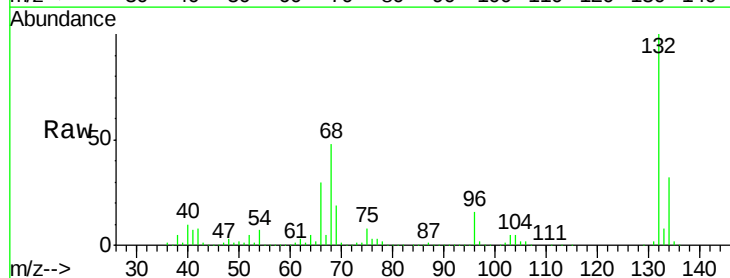
Tgt Ion: 77 Resp: 30273

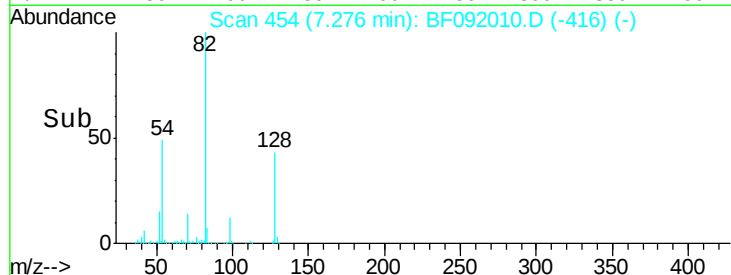
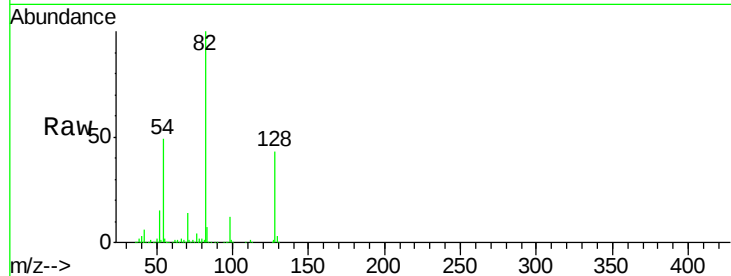
Ion Ratio Lower Upper

77 100

105 73.7 83.9 123.9#

106 62.6 77.6 117.6#

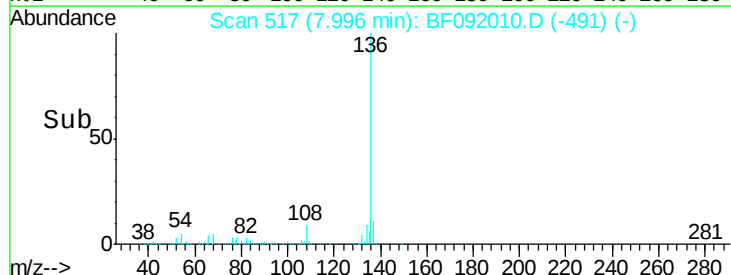
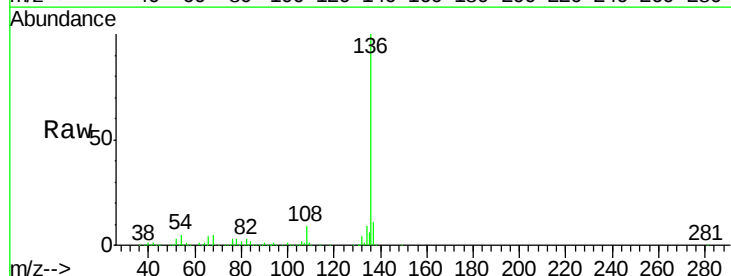
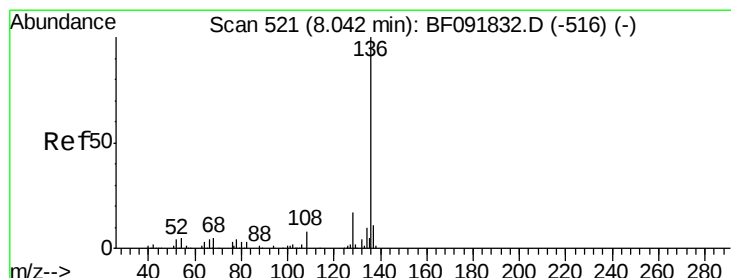
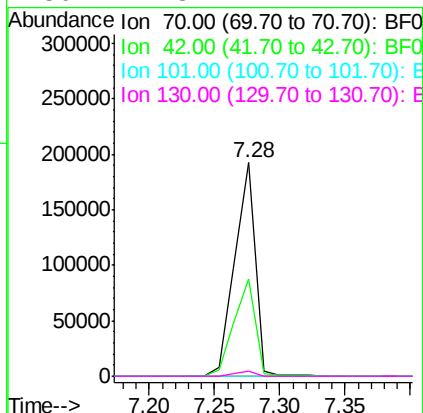




#19
n-Nitroso-di-n-propylamine
Concen: 18.54 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF092010.D
Acq: 28 Dec 2016 22:32

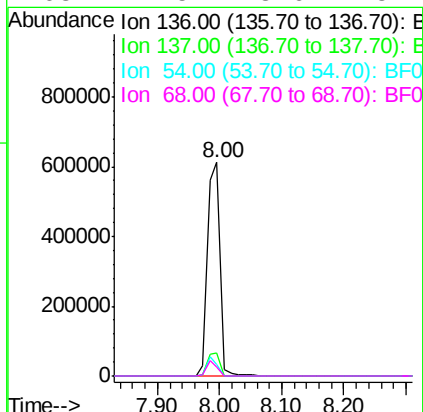
Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:	70	Resp:	209417
Ion	Ratio	Lower	Upper
70	100		
42	45.8	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF092010.D
Acq: 28 Dec 2016 22:32

Tgt Ion:	136	Resp:	855931
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.3	4.5	6.7
68	4.5	3.6	5.4

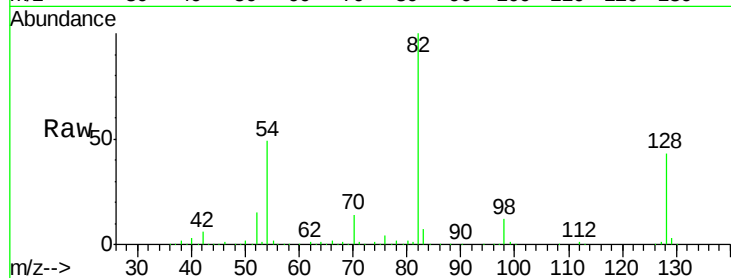




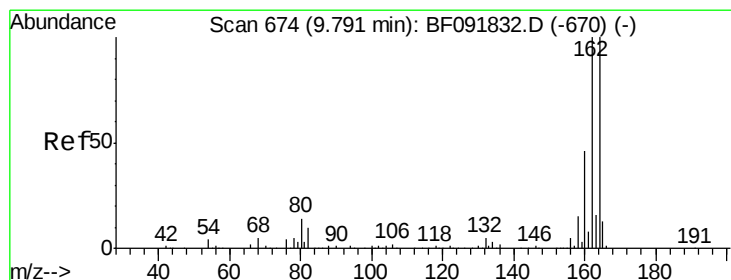
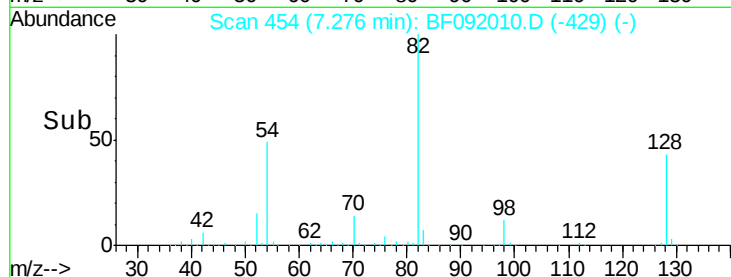
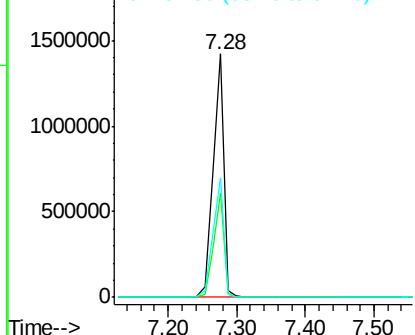
#23
 Nitrobenzene-d5
 Concen: 101.38 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF092010.D
 Acq: 28 Dec 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion: 82 Resp: 1560478
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.6 52.0
 54 48.9 39.5 59.3

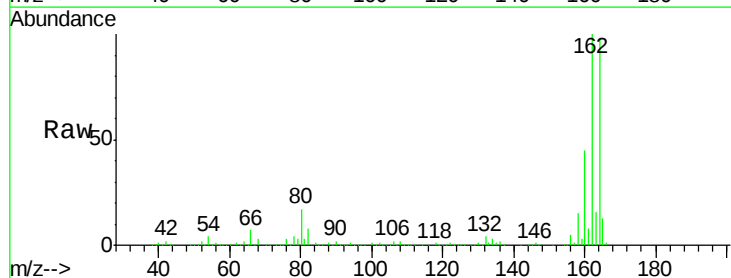


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

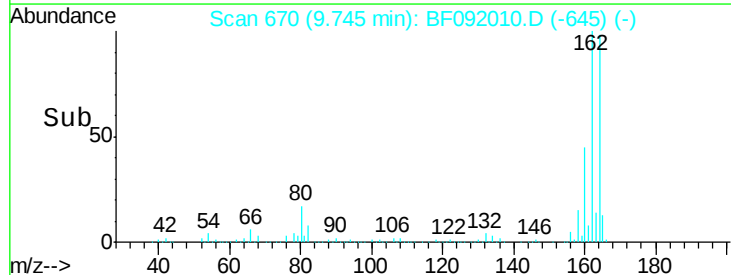
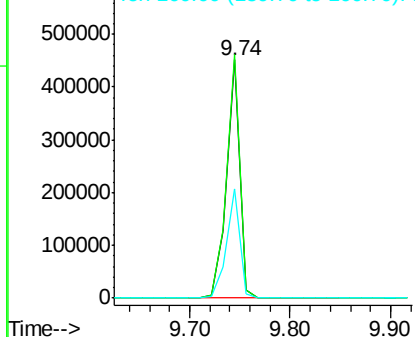


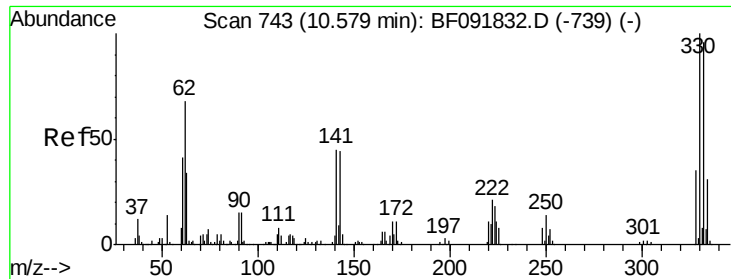
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092010.D
 Acq: 28 Dec 2016 22:32

Tgt Ion: 164 Resp: 414175
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 45.9 36.9 55.3



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

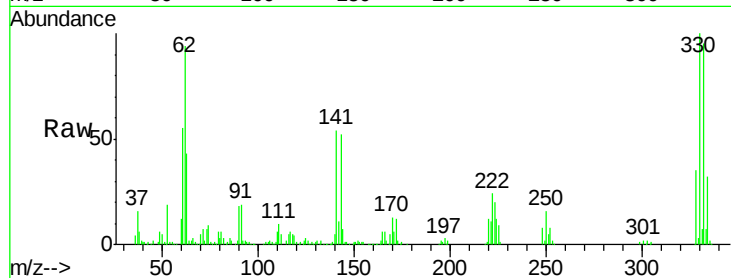




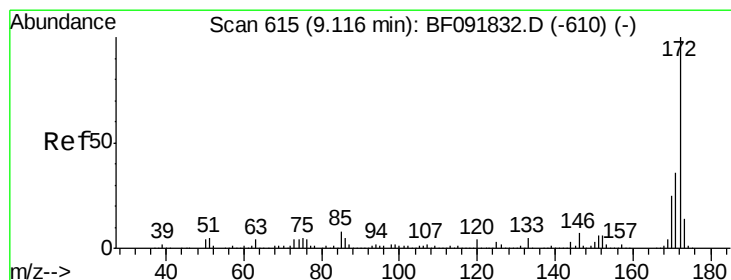
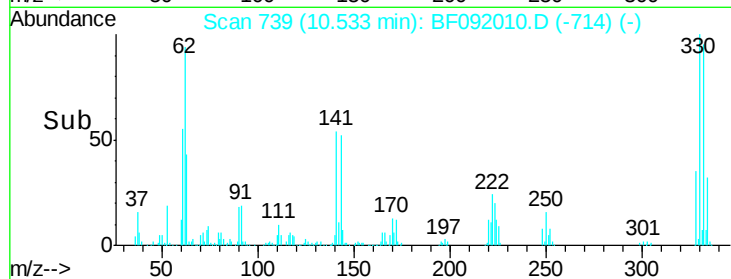
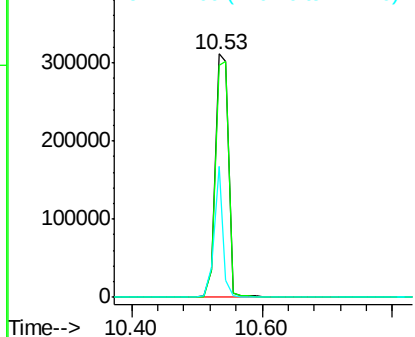
#41
 2,4,6-Tribromophenol
 Concen: 133.51 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092010.D
 Acq: 28 Dec 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:330 Resp: 457622
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 35.3 34.1 51.1

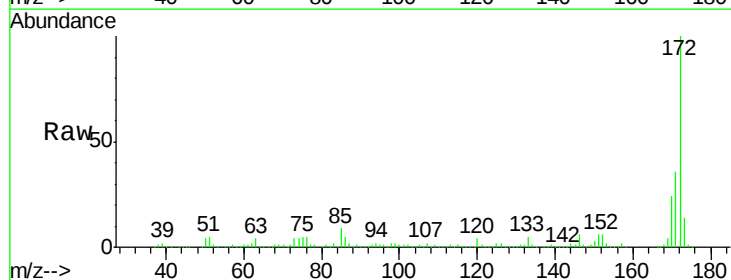


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

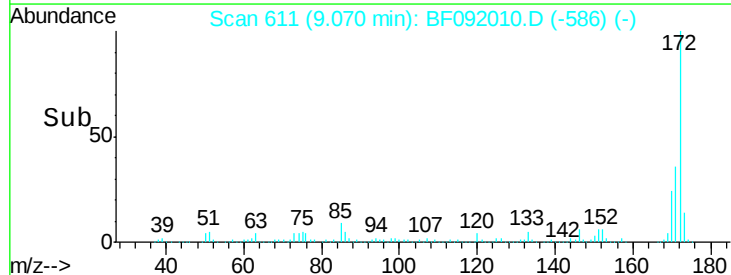
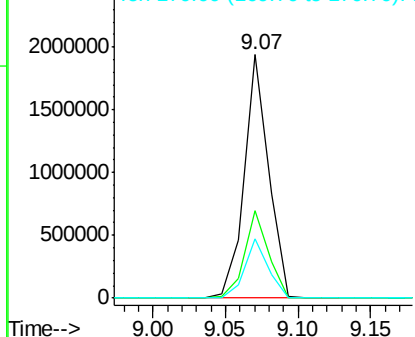


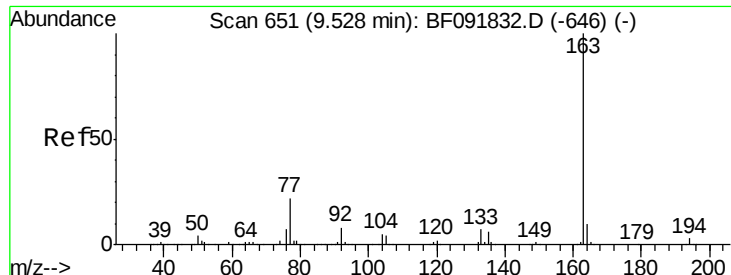
#44
 2-Fluorobiphenyl
 Concen: 116.28 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092010.D
 Acq: 28 Dec 2016 22:32

Tgt Ion:172 Resp: 2254521
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 20.2 30.4



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: 3.20 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF092010.D

Acq: 28 Dec 2016 22:32

Instrument :

BNA_F

ClientSampled :

MW-02

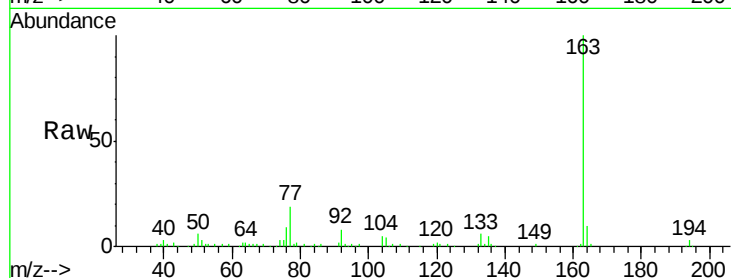
Tgt Ion:163 Resp: 84833

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

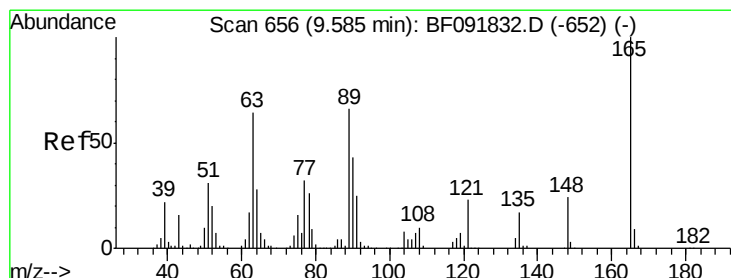
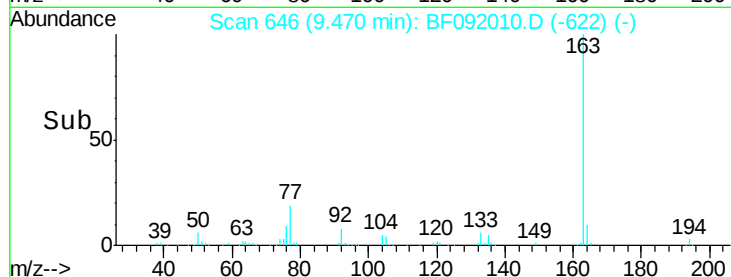
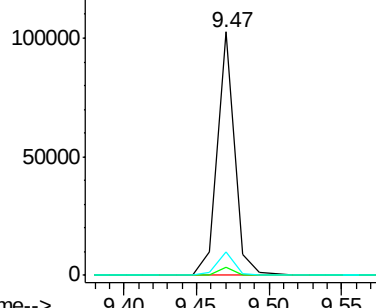
164 9.9 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 9.51 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.19 min

Lab File: BF092010.D

Acq: 28 Dec 2016 22:32

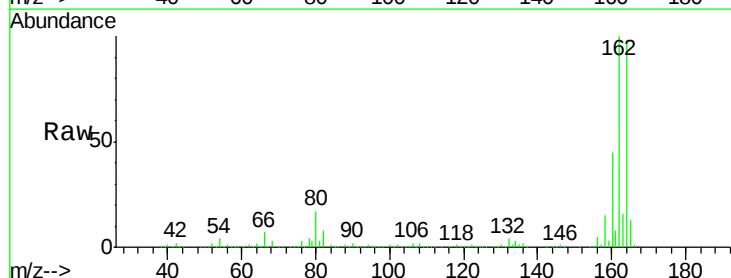
Tgt Ion:165 Resp: 55147

Ion Ratio Lower Upper

165 100

63 0.6 36.2 54.4#

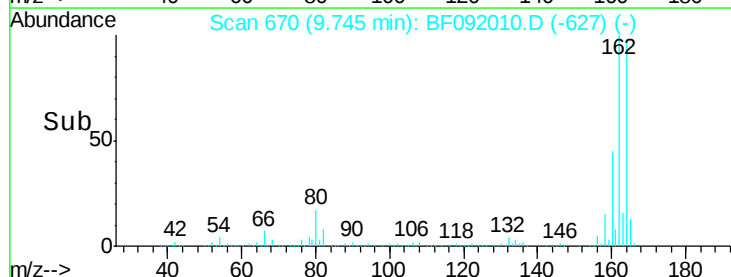
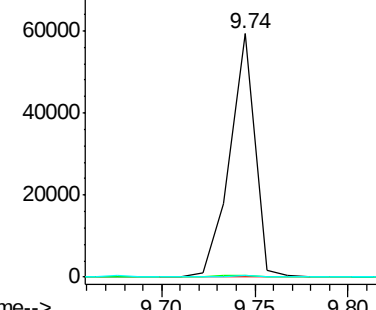
89 0.9 40.2 60.4#



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

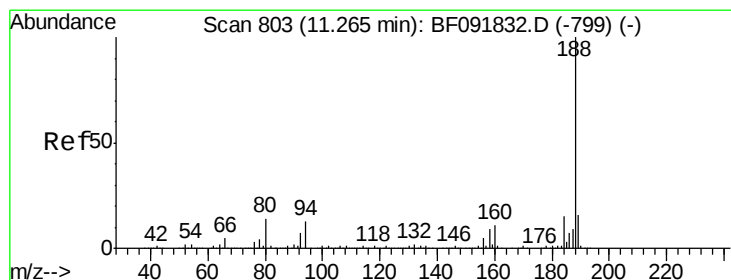
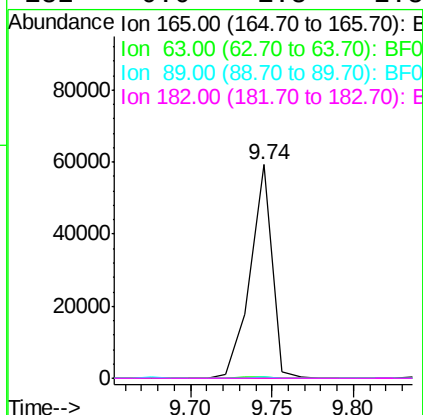
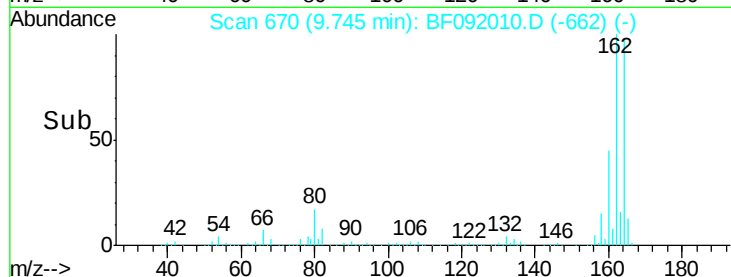
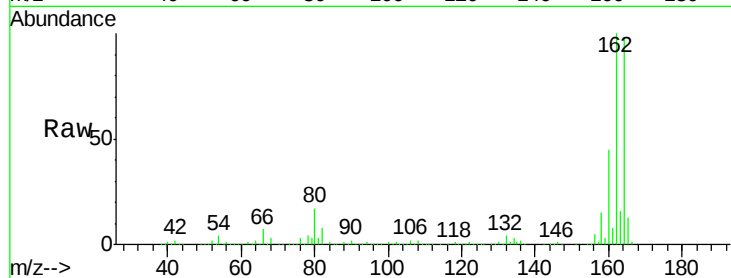




#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.21 min
Lab File: BF092010.D
Acq: 28 Dec 2016 22:32

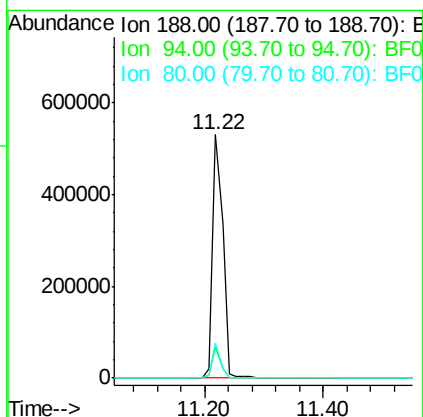
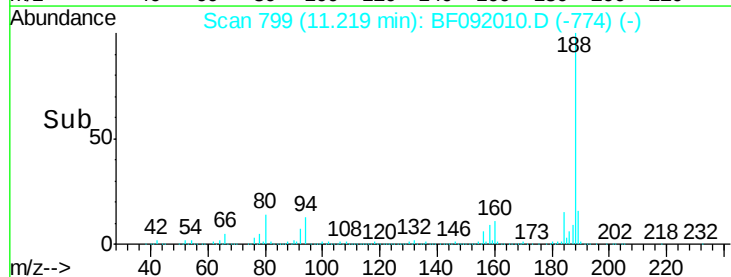
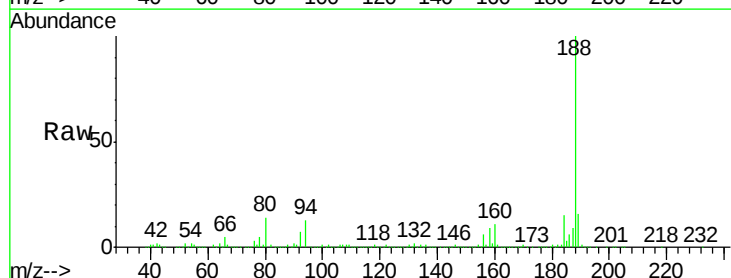
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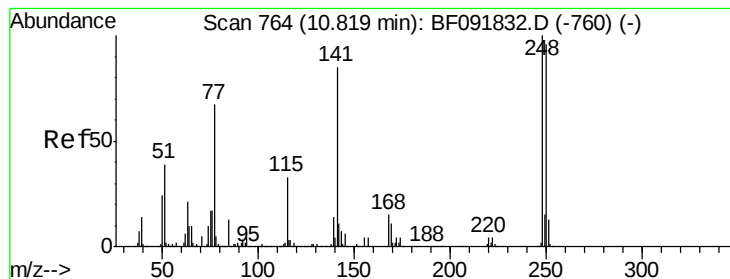
Tgt Ion:	165	Resp:	55138
Ion	Ratio	Lower	Upper
165	100		
63	0.6	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092010.D
Acq: 28 Dec 2016 22:32

Tgt Ion:	188	Resp:	628581
Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.0	15.0
80	14.3	11.2	16.8





#66

4-Bromophenyl-phenylether

Concen: 4.19 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.25 min

Lab File: BF092010.D

Acq: 28 Dec 2016 22:32

Instrument :

BNA_F

ClientSampled :

MW-02

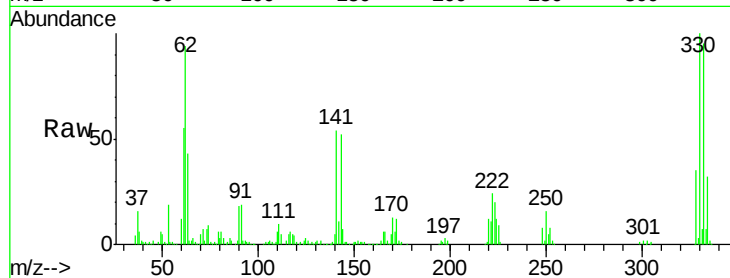
Tgt Ion:248 Resp: 27420

Ion Ratio Lower Upper

248 100

250 200.8 76.9 115.3#

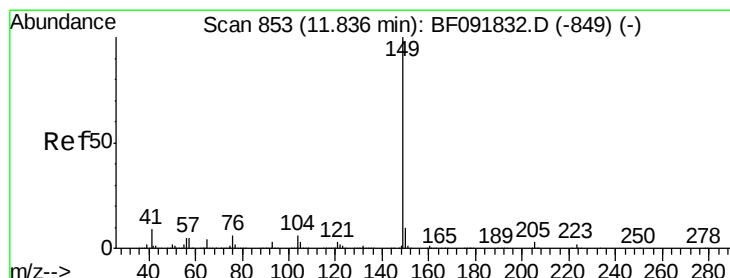
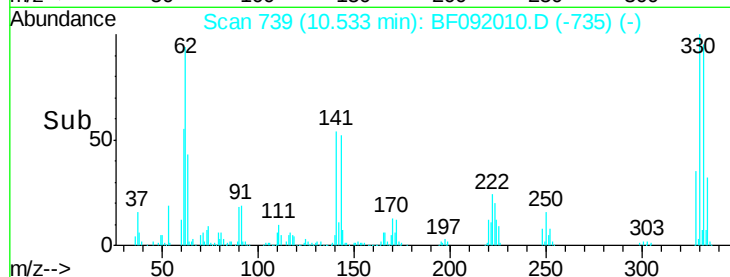
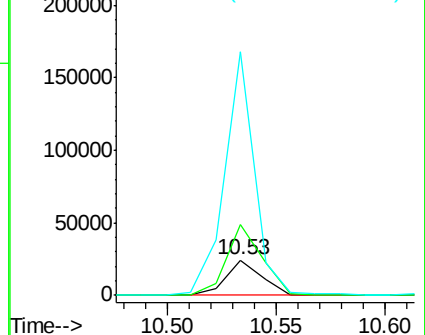
141 691.9 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.80 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF092010.D

Acq: 28 Dec 2016 22:32

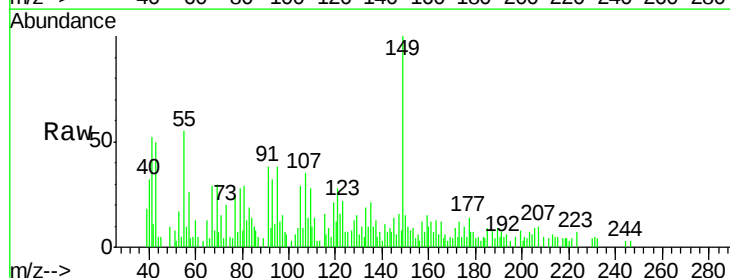
Tgt Ion:149 Resp: 9401

Ion Ratio Lower Upper

149 100

150 15.2 8.1 12.1#

104 8.8 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

