

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122916\
 Data File : BF092036.D
 Acq On : 29 Dec 2016 20:52
 Operator : UM/SJ
 Sample : H6301-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Dec 29 23:53:06 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

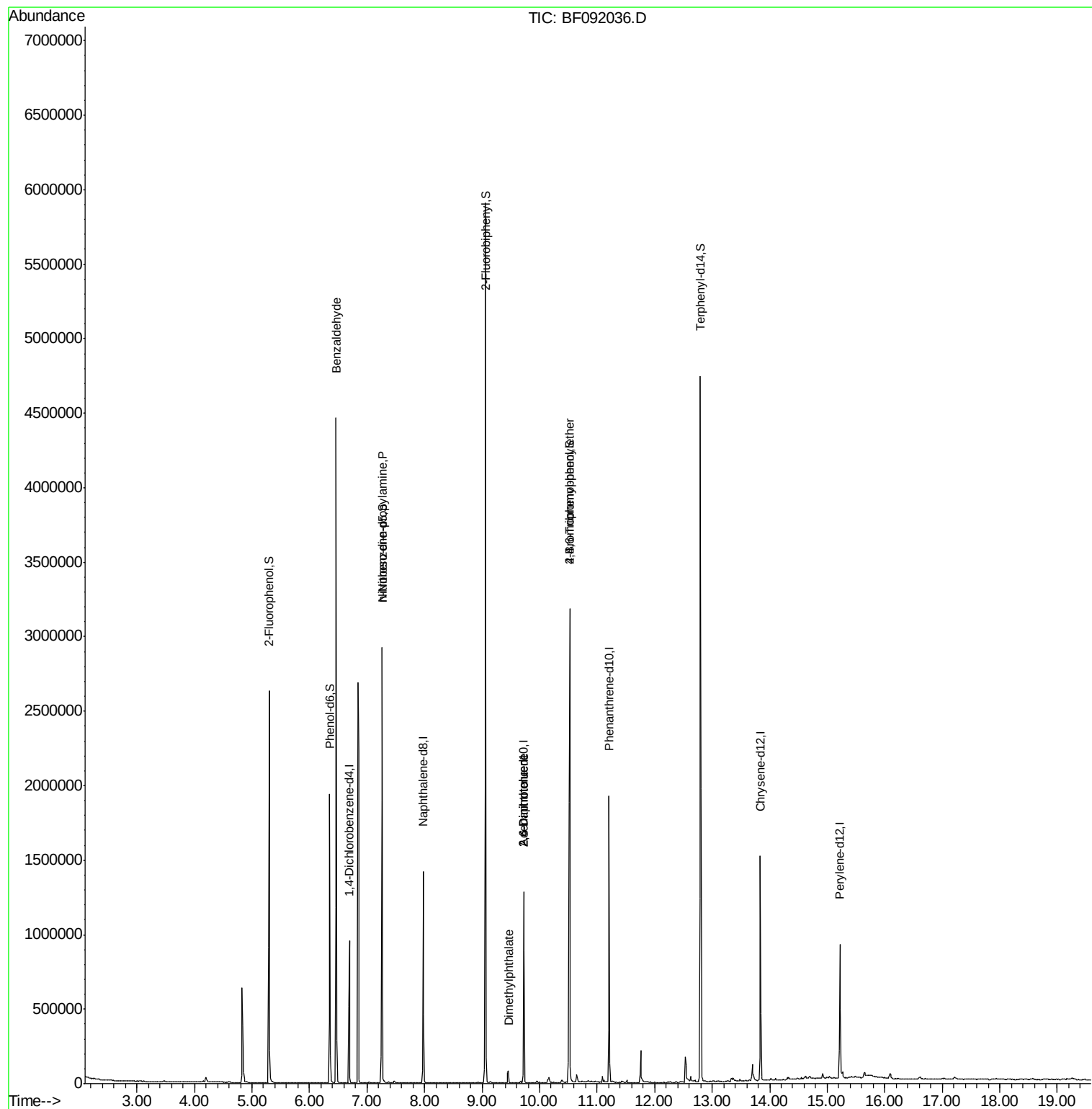
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	173383	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	688303	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	370305	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	666575	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	538360	20.00	ng	-0.03
86) Perylene-d12	15.22	264	414939	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	768470	74.01	ng	-0.02
7) Phenol-d6	6.35	99	650022	51.27	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1243633	100.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	432411	141.10	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1852683	105.64	ng	-0.02
78) Terphenyl-d14	12.80	244	1836131	82.72	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.46	77	28655	2.80	ng	# 69
19) n-Nitroso-di-n-propylamine	7.26	70	163127	19.34	ng	# 71
49) Dimethylphthalate	9.46	163	50662	2.14	ng	99
50) 2,6-Dinitrotoluene	9.72	165	47673	9.20	ng	# 31
56) 2,4-Dinitrotoluene	9.72	165	47675	7.33	ng	# 20
66) 4-Bromophenyl-phenylether	10.52	248	29923	4.32	ng	# 1
71) Anthracene	11.21	178	722	Below Cal		# 1
73) Di-n-butylphthalate	11.78	149	4394	Below Cal		# 91
74) Fluoranthene	12.42	202	658	Below Cal		61

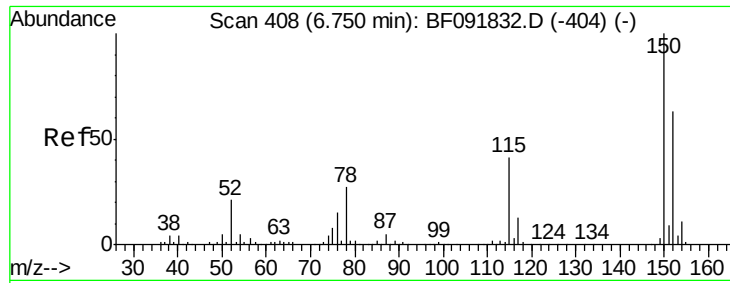
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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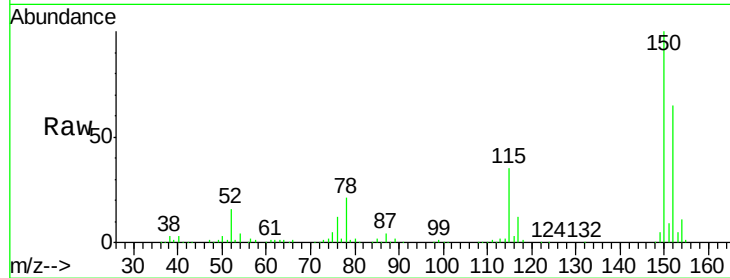


#1

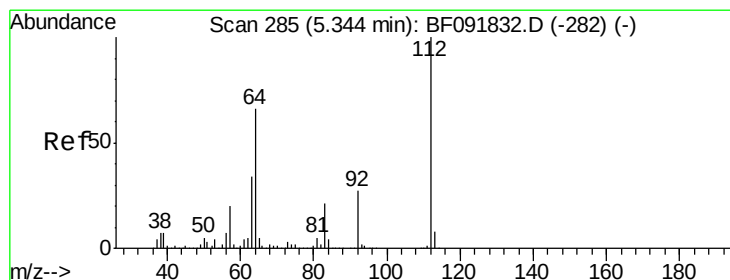
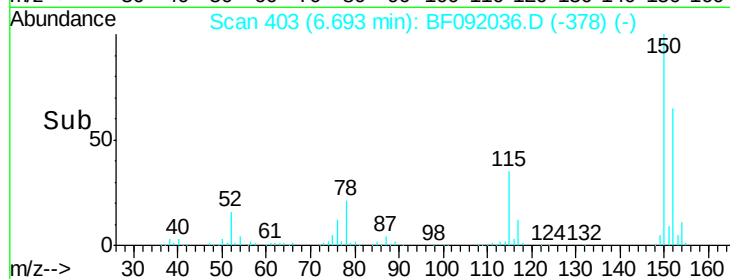
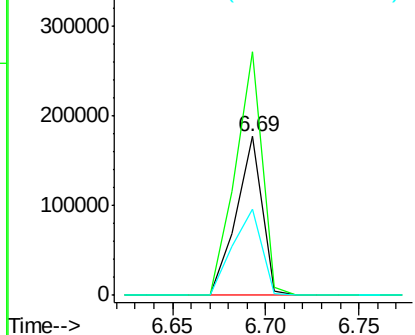
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092036.D
Acq: 29 Dec 2016 20:52

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:152 Resp: 173383
Ion Ratio Lower Upper
152 100
150 153.1 124.9 187.3
115 54.2 46.0 69.0



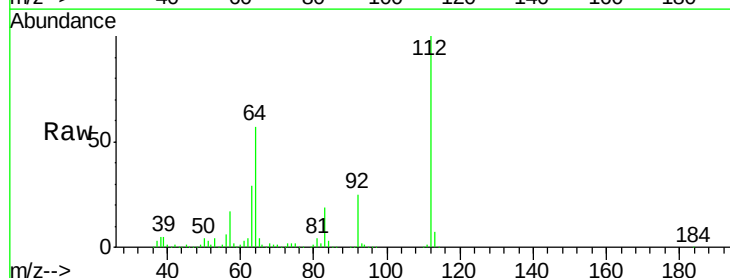
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



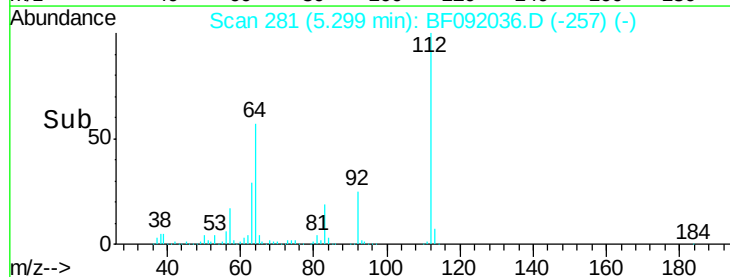
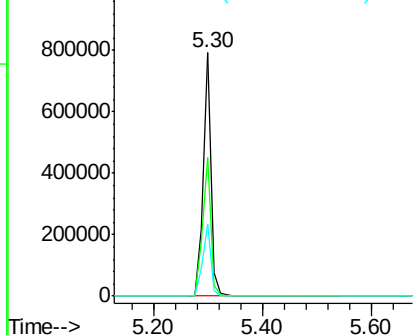
#5

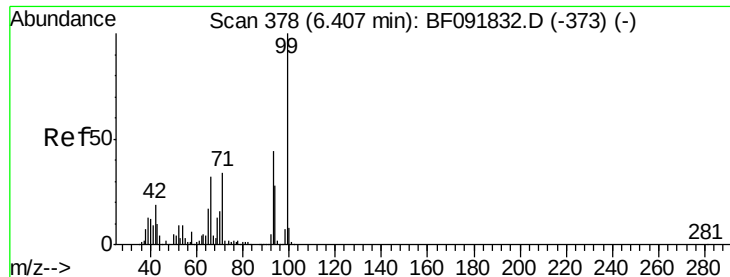
2-Fluorophenol
Concen: 74.01 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF092036.D
Acq: 29 Dec 2016 20:52

Tgt Ion:112 Resp: 768470
Ion Ratio Lower Upper
112 100
64 57.0 46.1 69.1
63 29.4 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: 51.27 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092036.D

Acq: 29 Dec 2016 20:52

Instrument :

BNA_F

ClientSampleId :

MW-13

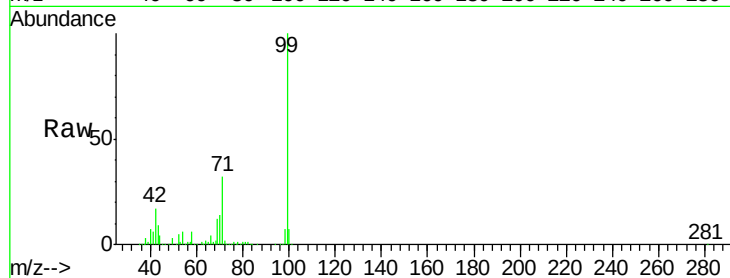
Tgt Ion: 99 Resp: 650022

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

71 31.6 27.5 41.3



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

6.35

800000

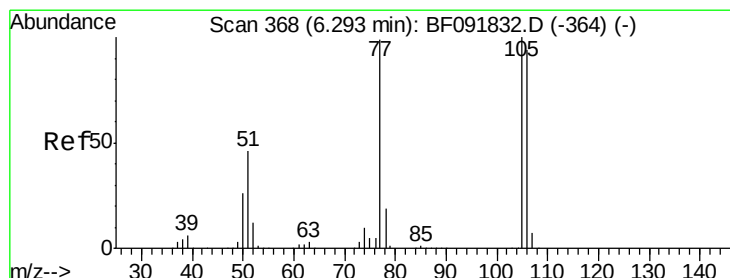
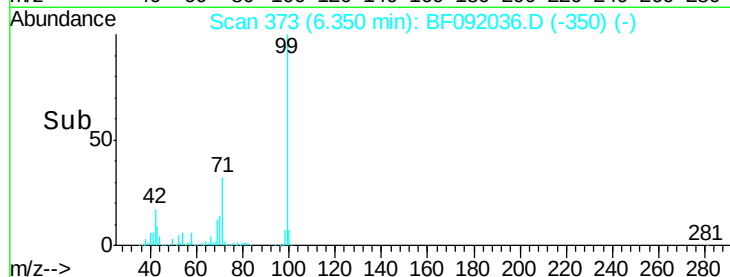
600000

400000

200000

0

Time-->



#9

Benzaldehyde

Concen: 2.80 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.22 min

Lab File: BF092036.D

Acq: 29 Dec 2016 20:52

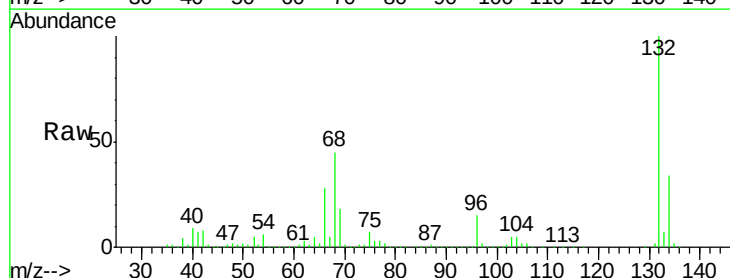
Tgt Ion: 77 Resp: 28655

Ion Ratio Lower Upper

77 100

105 76.6 83.9 123.9#

106 63.5 77.6 117.6#



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

40000

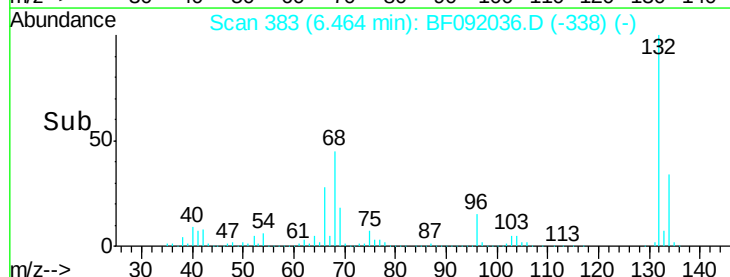
30000

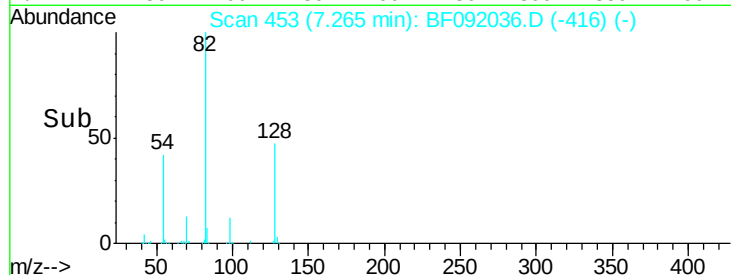
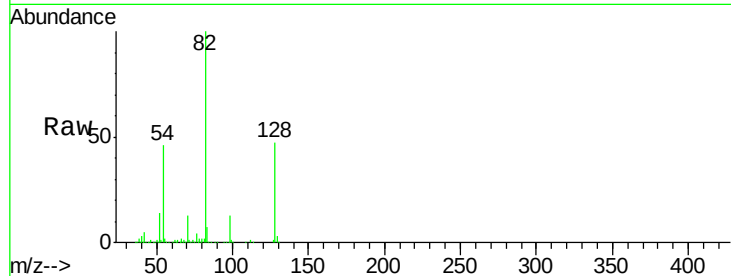
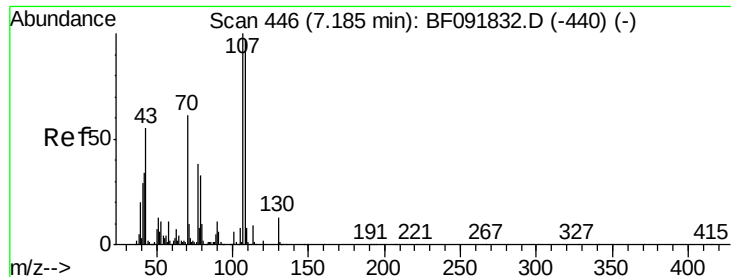
20000

10000

0

Time-->

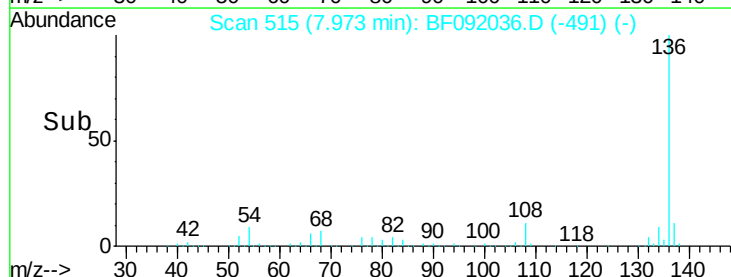
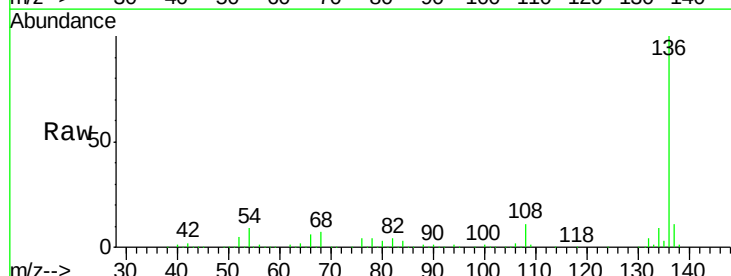
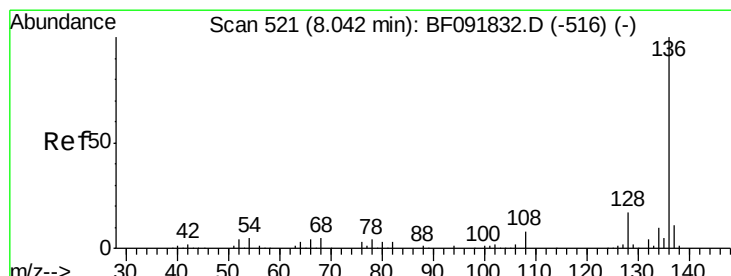
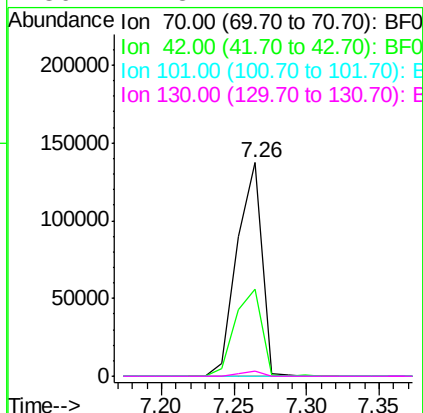




#19
n-Nitroso-di-n-propylamine
Concen: 19.34 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF092036.D
Acq: 29 Dec 2016 20:52

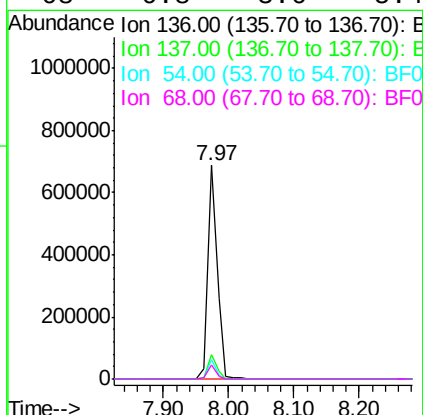
Instrument :
BNA_F
ClientSampleId :
MW-13

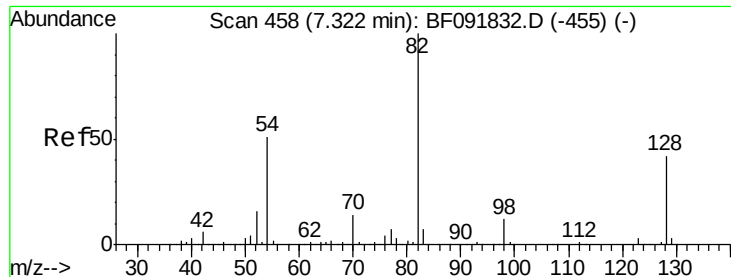
Tgt Ion:	70	Resp:	163127
Ion	Ratio	Lower	Upper
70	100		
42	40.6	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092036.D
Acq: 29 Dec 2016 20:52

Tgt Ion:	136	Resp:	688303
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.1	4.5	6.7#
68	6.8	3.6	5.4#

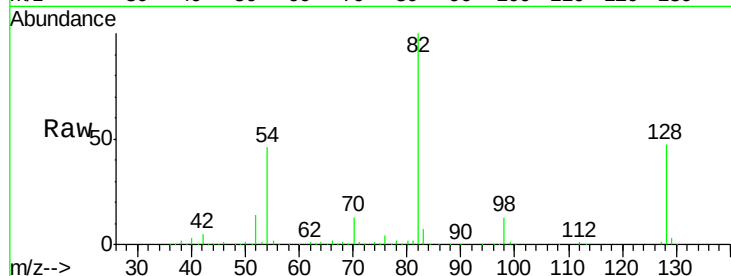




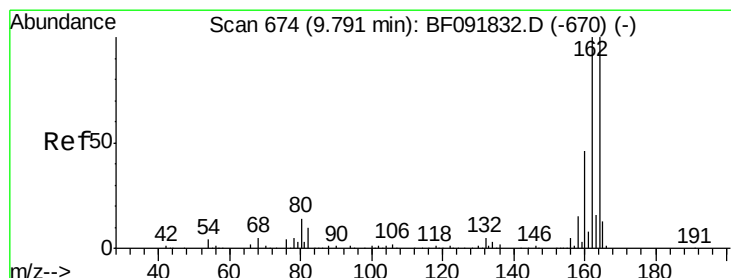
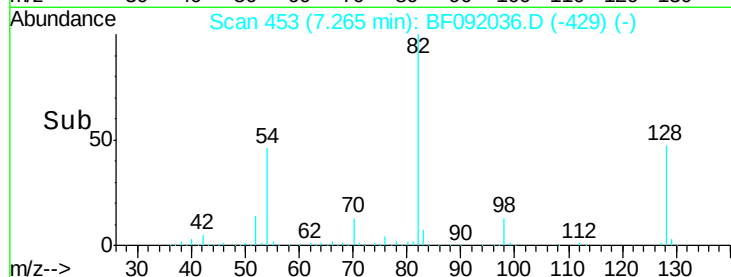
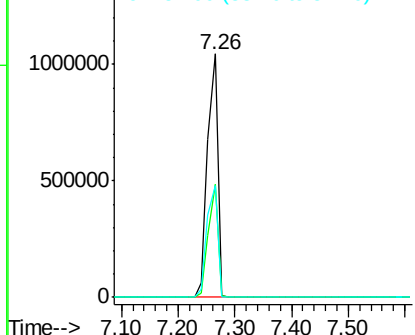
#23
 Nitrobenzene-d5
 Concen: 100.47 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092036.D
 Acq: 29 Dec 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion: 82 Resp: 1243633
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.6 52.0
 54 45.7 39.5 59.3

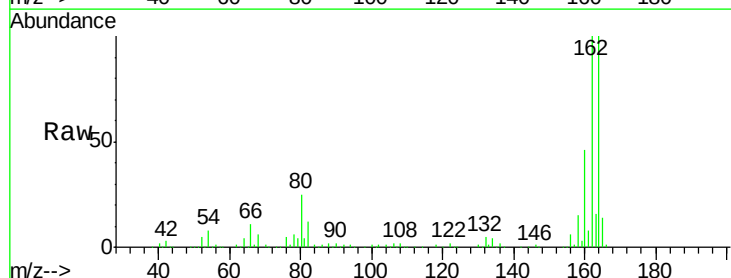


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

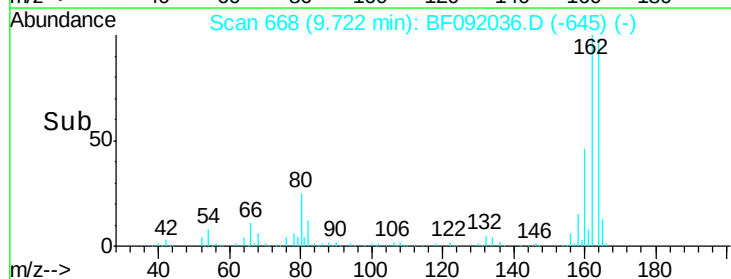
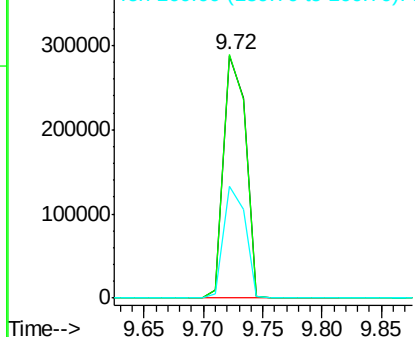


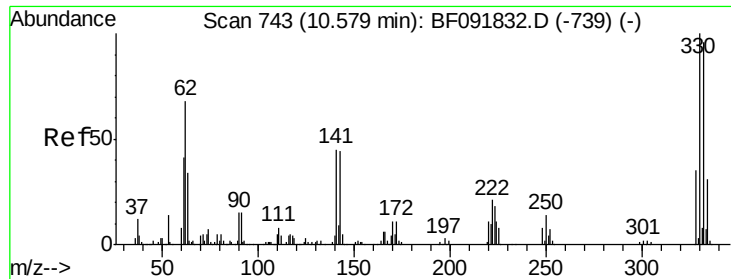
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF092036.D
 Acq: 29 Dec 2016 20:52

Tgt Ion: 164 Resp: 370305
 Ion Ratio Lower Upper
 164 100
 162 100.4 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

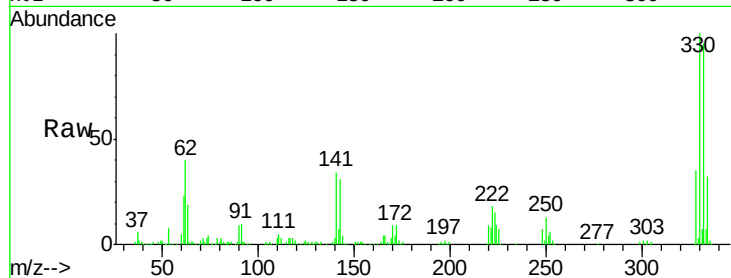




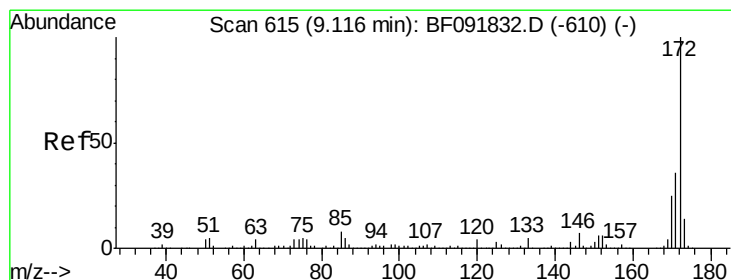
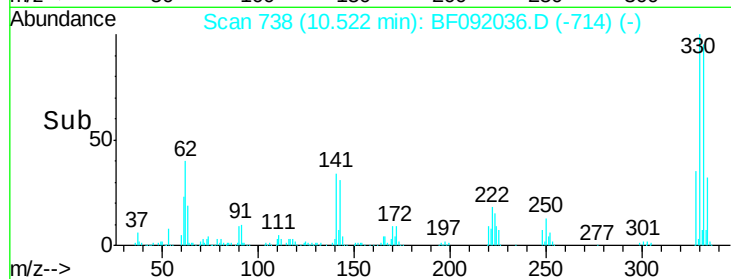
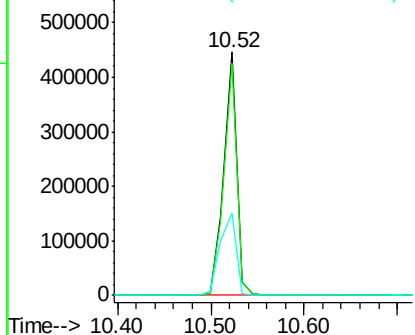
#41
 2,4,6-Tribromophenol
 Concen: 141.10 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092036.D
 Acq: 29 Dec 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:330 Resp: 432411
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 41.6 34.1 51.1

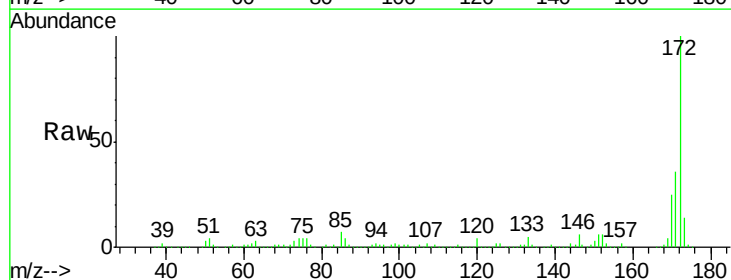


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

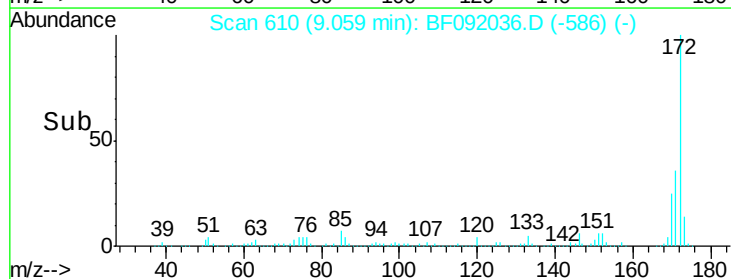
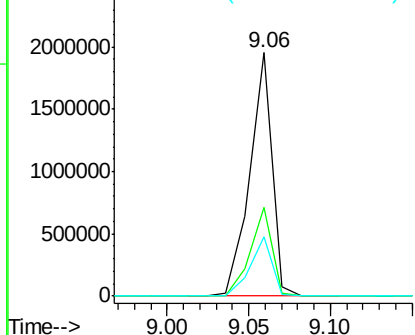


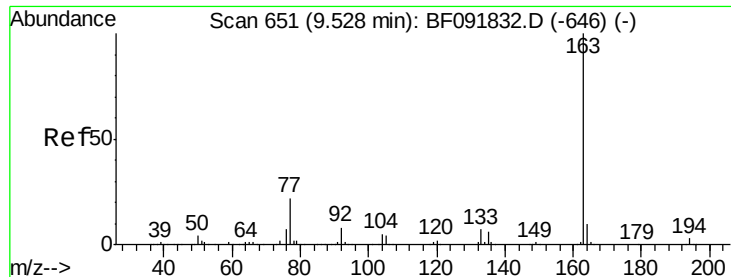
#44
 2-Fluorobiphenyl
 Concen: 105.64 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092036.D
 Acq: 29 Dec 2016 20:52

Tgt Ion:172 Resp: 1852683
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.6 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: 2.14 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF092036.D

Acq: 29 Dec 2016 20:52

Instrument :

BNA_F

ClientSampleId :

MW-13

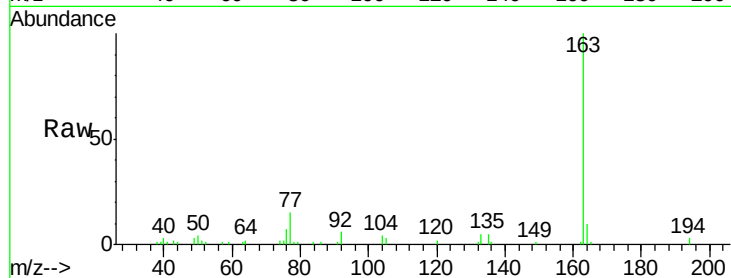
Tgt Ion:163 Resp: 50662

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

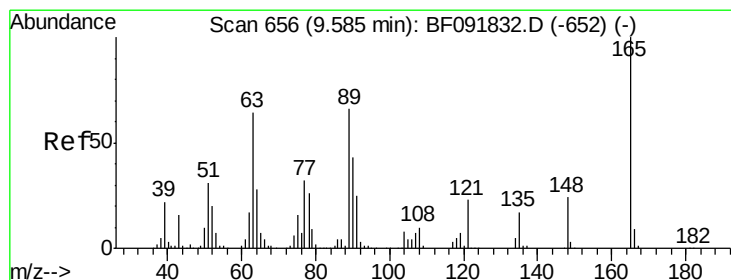
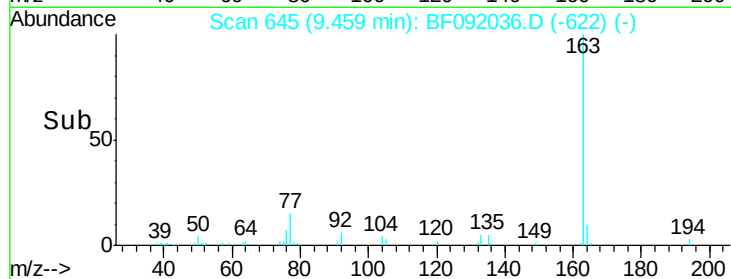
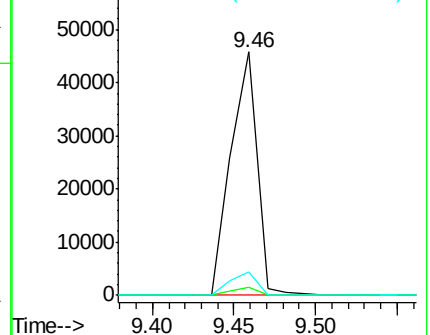
164 9.7 8.0 12.0



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: 9.20 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.17 min

Lab File: BF092036.D

Acq: 29 Dec 2016 20:52

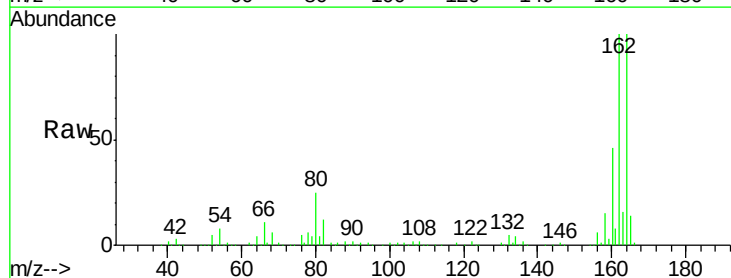
Tgt Ion:165 Resp: 47673

Ion Ratio Lower Upper

165 100

63 1.2 36.2 54.4#

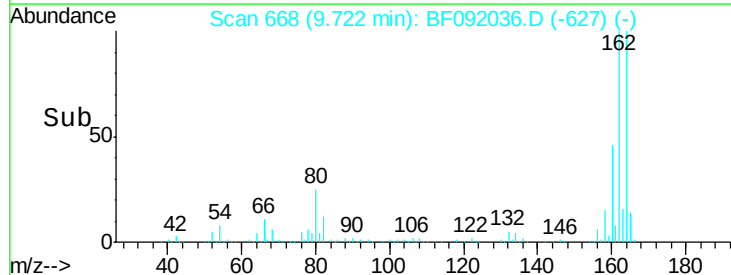
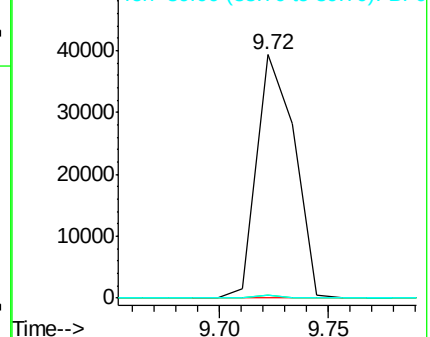
89 1.0 40.2 60.4#

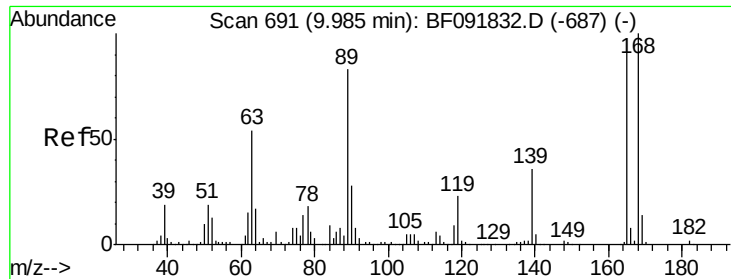


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

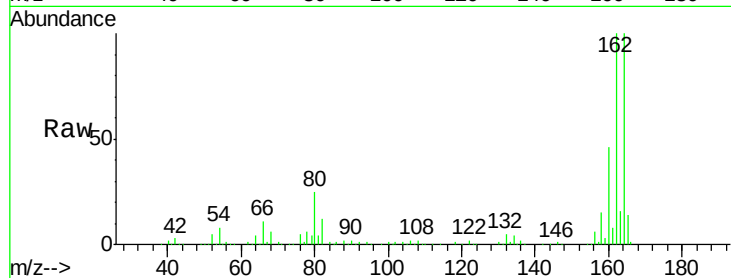




#56
 2,4-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.23 min
 Lab File: BF092036.D
 Acq: 29 Dec 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

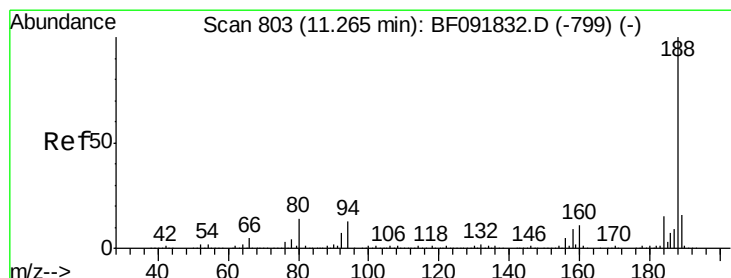
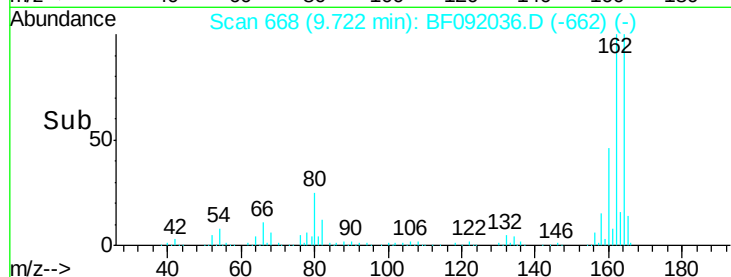
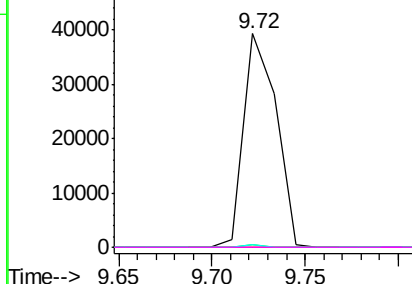


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

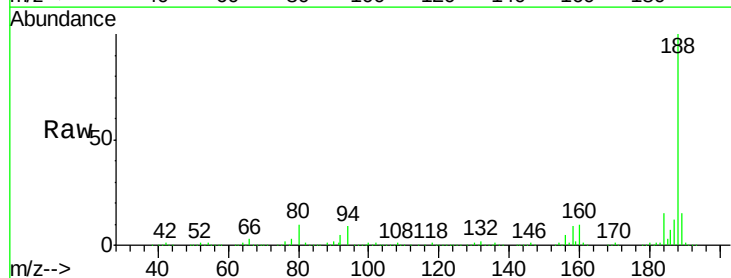
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF092036.D
 Acq: 29 Dec 2016 20:52

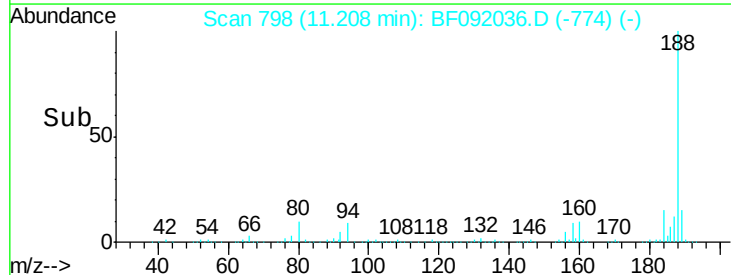
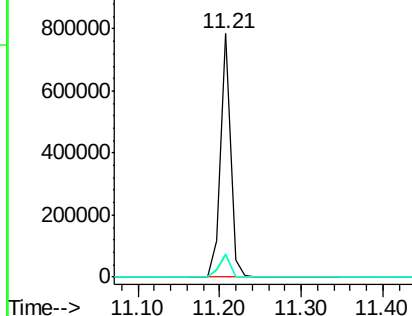
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.0	15.0#
80	9.8	11.2	16.8#

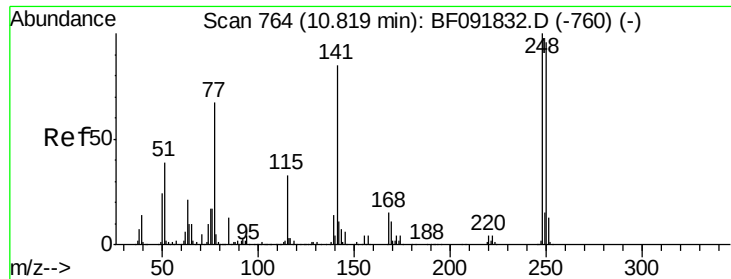


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.32 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF092036.D

Acq: 29 Dec 2016 20:52

Instrument :

BNA_F

ClientSampleId :

MW-13

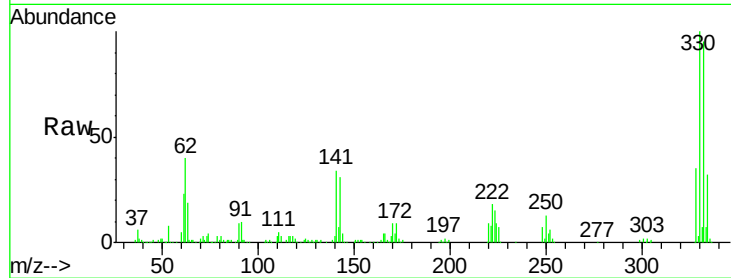
Tgt Ion:248 Resp: 29923

Ion Ratio Lower Upper

248 100

250 192.5 76.9 115.3#

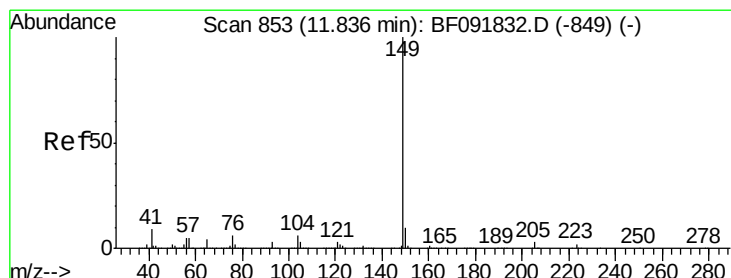
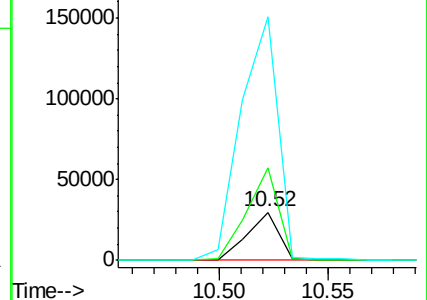
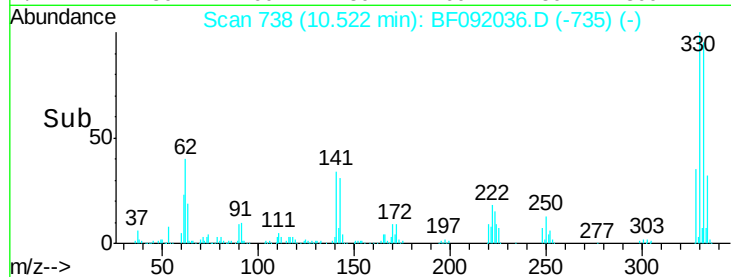
141 506.5 68.2 102.4#



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: 11.78 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF092036.D

Acq: 29 Dec 2016 20:52

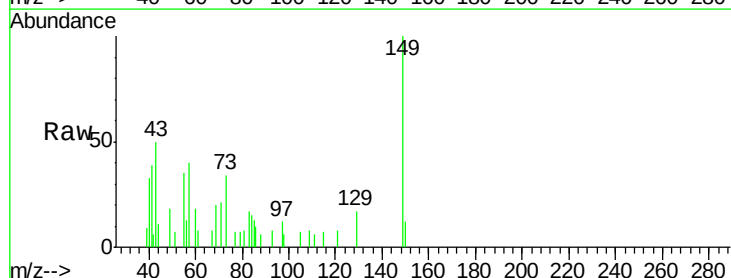
Tgt Ion:149 Resp: 4394

Ion Ratio Lower Upper

149 100

150 11.7 8.1 12.1

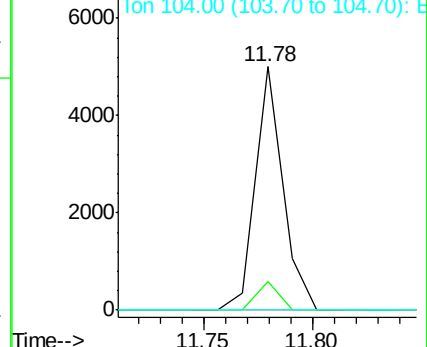
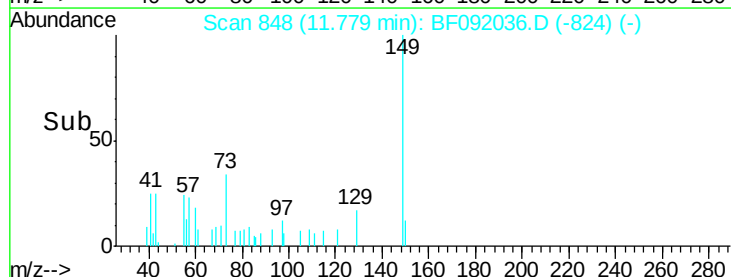
104 0.0 4.6 7.0#

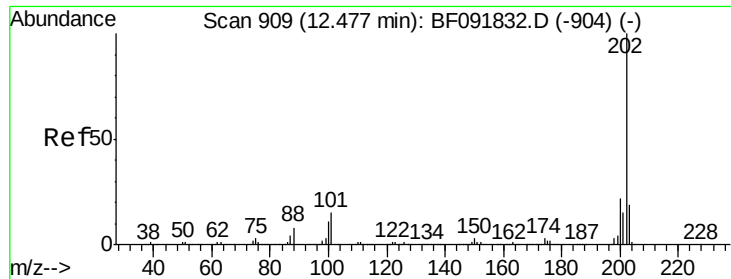


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

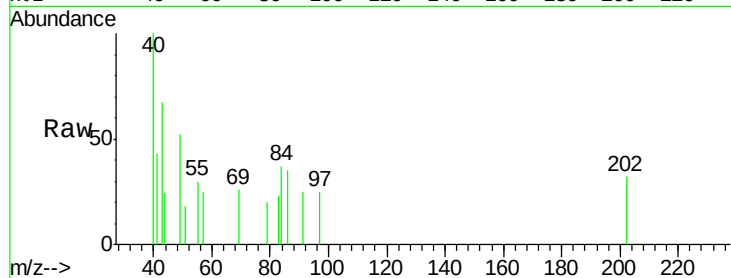




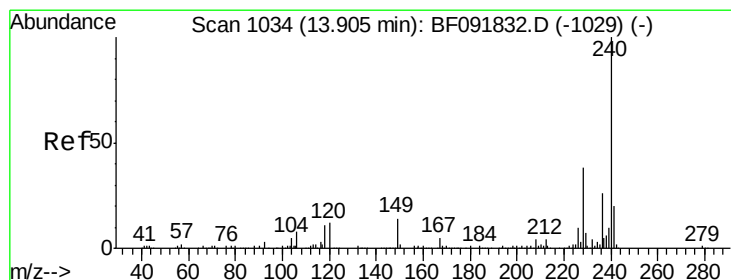
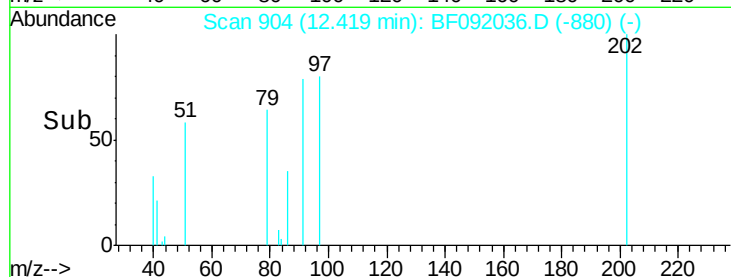
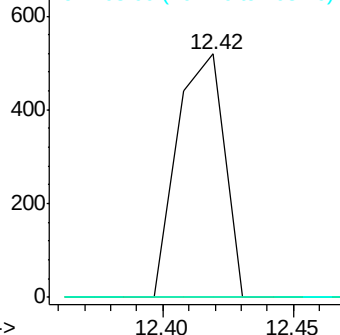
#74
Fluoranthene
Concen: Below Cal
RT: 12.42 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF092036.D
Acq: 29 Dec 2016 20:52

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion: 202 Resp: 658
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.6
203 0.0 0.0 38.7

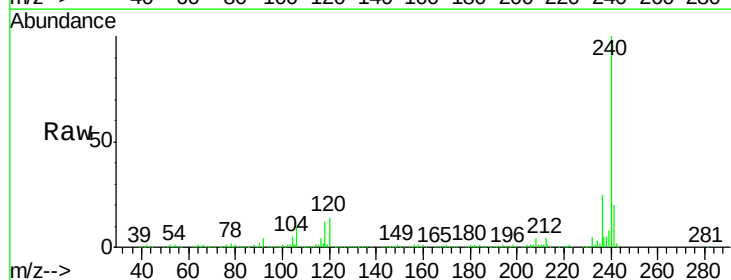


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

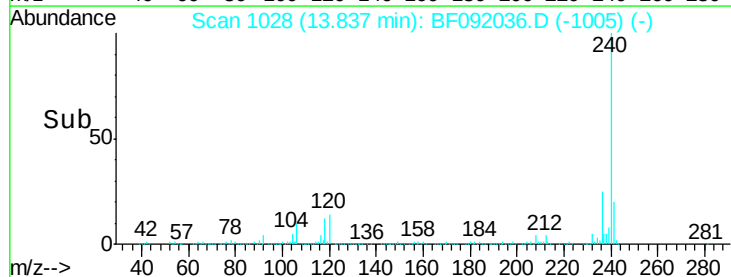
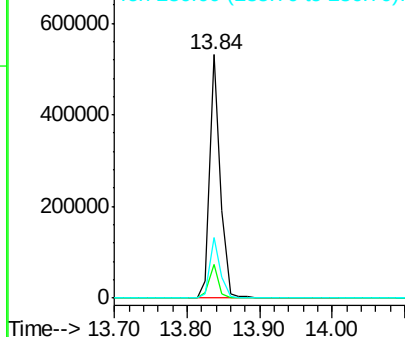


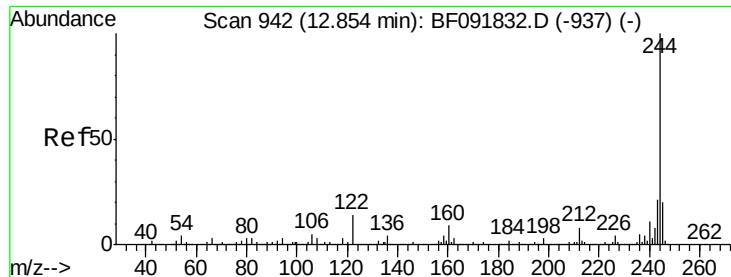
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF092036.D
Acq: 29 Dec 2016 20:52

Tgt Ion: 240 Resp: 538360
Ion Ratio Lower Upper
240 100
120 13.8 12.9 19.3
236 25.0 20.9 31.3



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

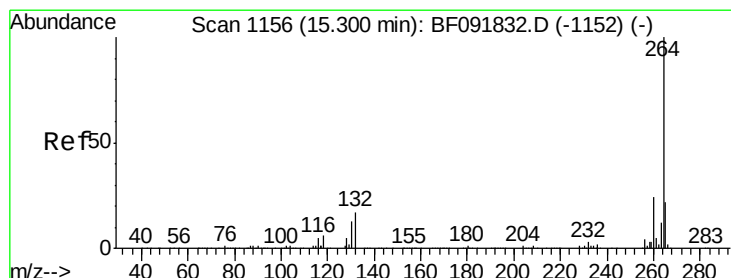
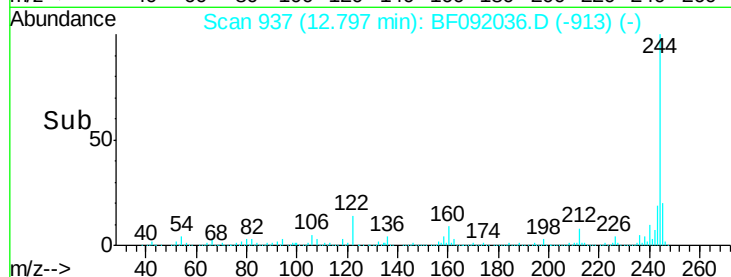
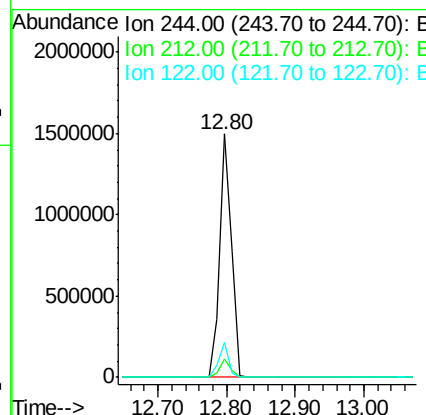
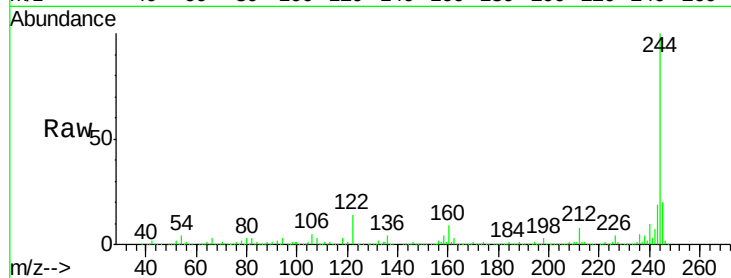




#78
 Terphenyl-d14
 Concen: 82.72 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF092036.D
 Acq: 29 Dec 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:244 Resp: 1836131
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF092036.D
 Acq: 29 Dec 2016 20:52

Tgt Ion:264 Resp: 414939
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.4 26.0

