

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122916\
 Data File : BF092030.D
 Acq On : 29 Dec 2016 18:06
 Operator : UM/SJ
 Sample : H6301-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: Dec 29 23:51:47 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

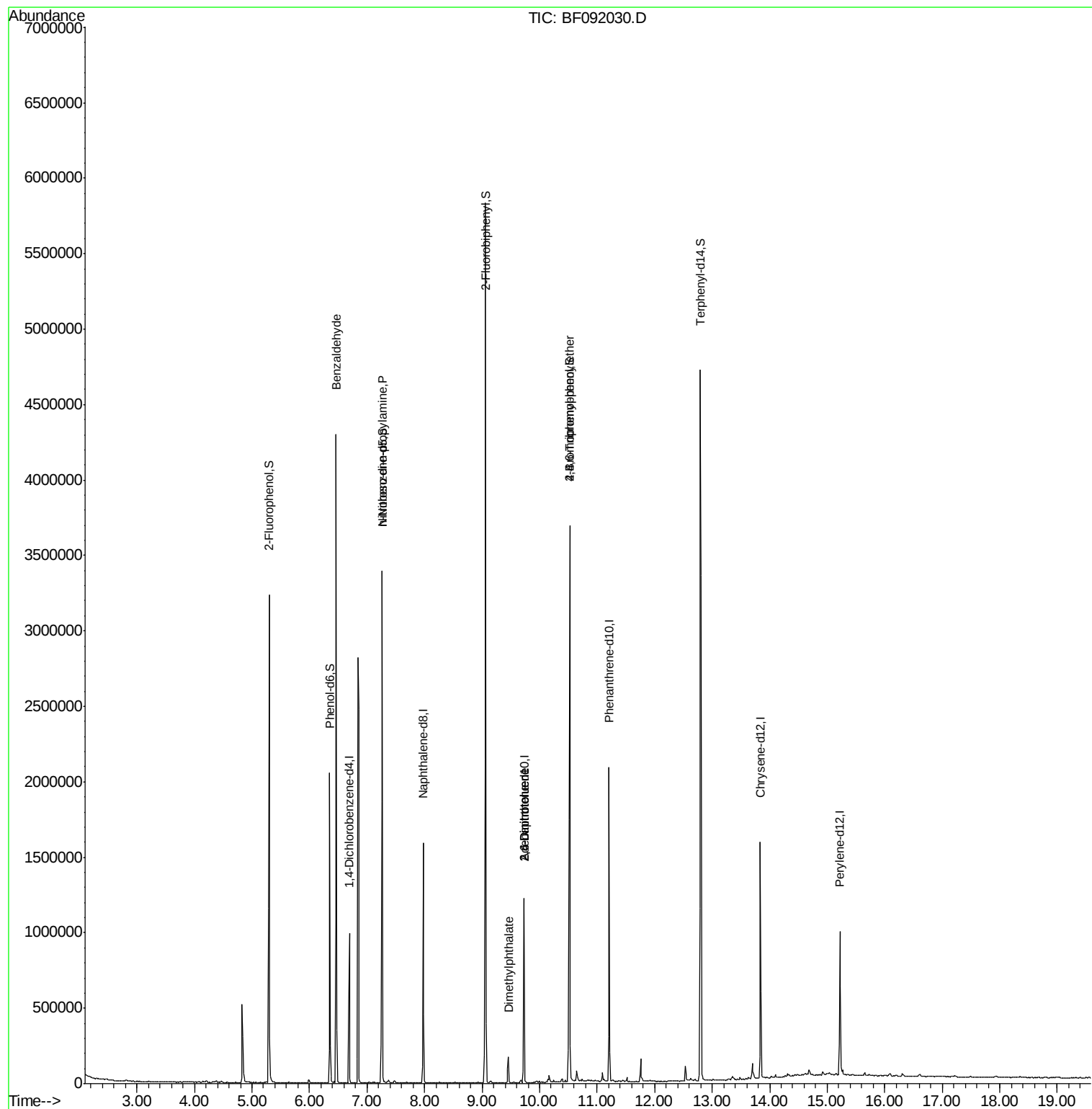
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	180622	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	744185	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	412025	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	708383	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	582397	20.00	ng	-0.03
86) Perylene-d12	15.22	264	462887	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	974586	90.09	ng	-0.02
7) Phenol-d6	6.35	99	634921	48.07	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1360573	101.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	456921	134.00	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1911776	96.87	ng	-0.02
78) Terphenyl-d14	12.80	244	2160418	89.97	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	28109	2.62	ng	# 69
19) n-Nitroso-di-n-propylamine	7.26	70	184006	20.94	ng	# 74
49) Dimethylphthalate	9.46	163	86936	3.30	ng	100
50) 2,6-Dinitrotoluene	9.73	165	52709	9.14	ng	# 30
56) 2,4-Dinitrotoluene	9.73	165	52709	7.28	ng	# 19
66) 4-Bromophenyl-phenylether	10.52	248	31122	4.22	ng	# 1
71) Anthracene	11.23	178	754	Below Cal		# 59
73) Di-n-butylphthalate	11.78	149	6235	Below Cal		# 95
74) Fluoranthene	12.42	202	1142	Below Cal		66

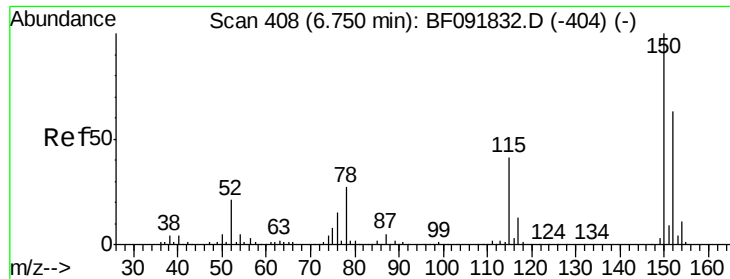
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092030.D

Acq: 29 Dec 2016 18:06

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ClientSampleId :

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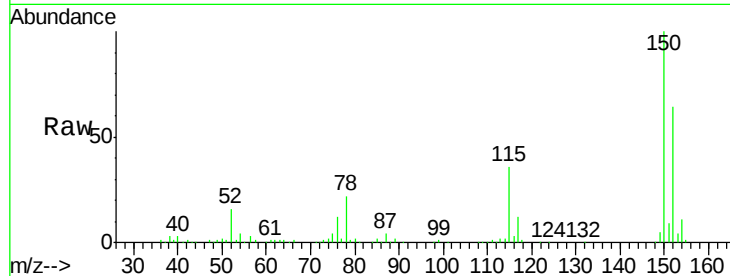
Tgt Ion:152 Resp: 180622

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

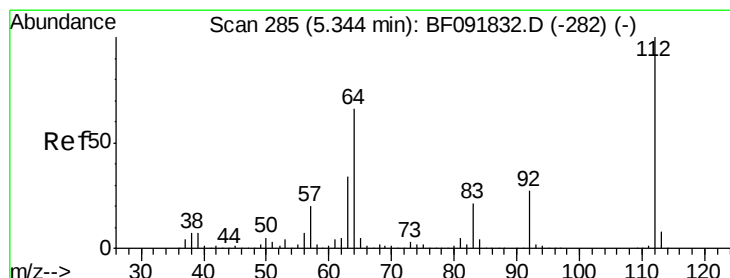
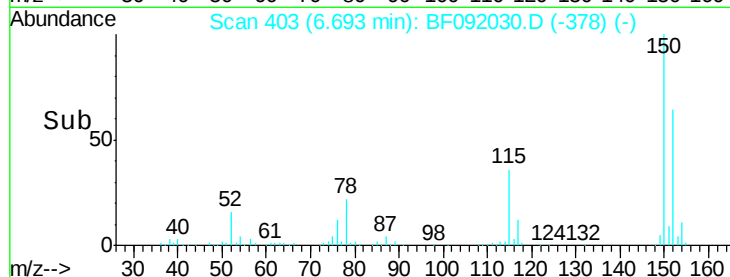
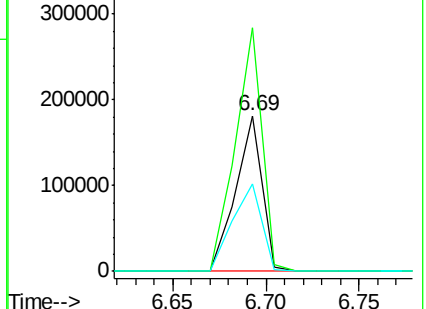
115 55.8 46.0 69.0



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: 90.09 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092030.D

Acq: 29 Dec 2016 18:06

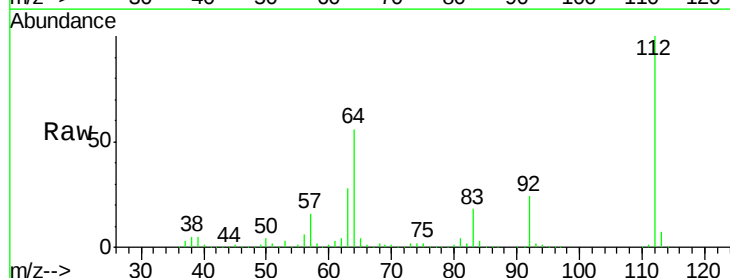
Tgt Ion:112 Resp: 974586

Ion Ratio Lower Upper

112 100

64 55.9 46.1 69.1

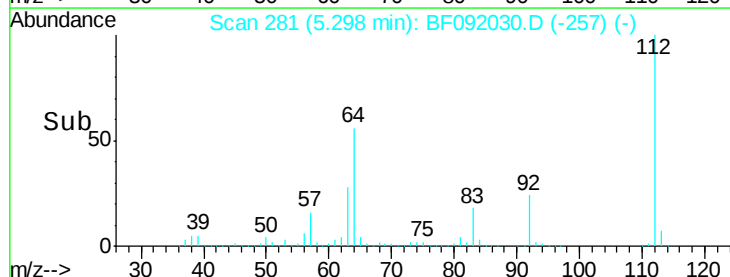
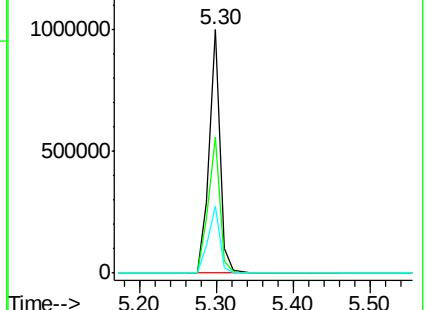
63 27.6 23.8 35.6

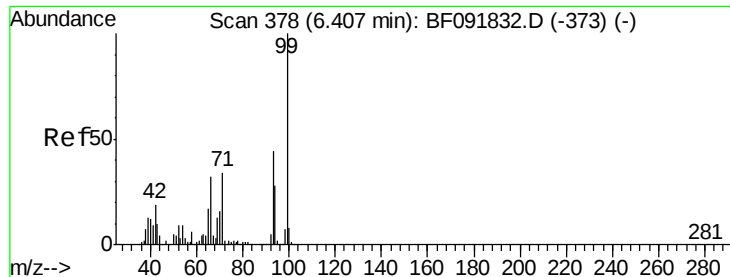


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.07 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092030.D

Acq: 29 Dec 2016 18:06

Instrument :

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ClientSampleId :

MW-32

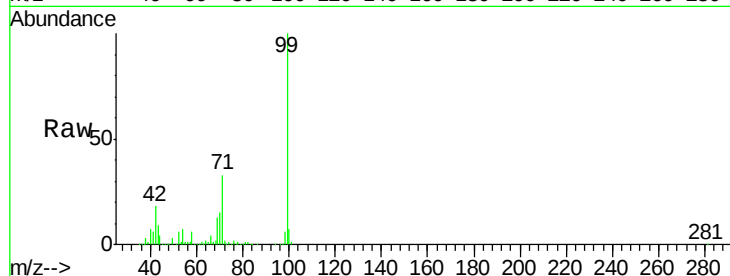
Tgt Ion: 99 Resp: 634921

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

71 33.2 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

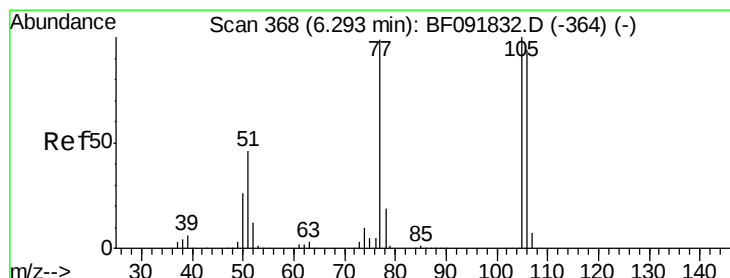
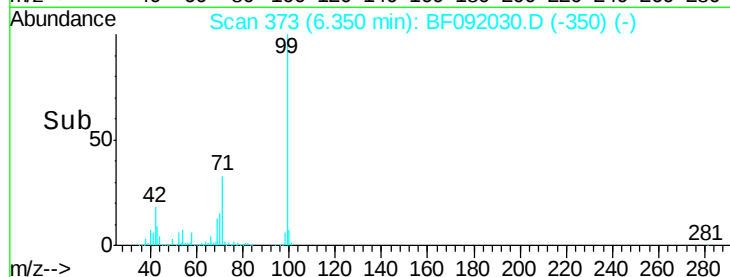
600000

400000

200000

0

Time-->



#9

Benzaldehyde

Concen: 2.62 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.22 min

Lab File: BF092030.D

Acq: 29 Dec 2016 18:06

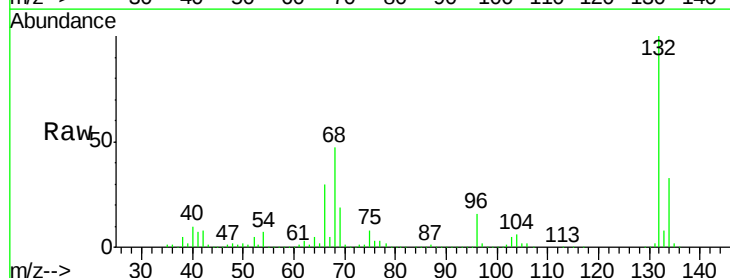
Tgt Ion: 77 Resp: 28109

Ion Ratio Lower Upper

77 100

105 75.7 83.9 123.9#

106 62.9 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

6.46

40000

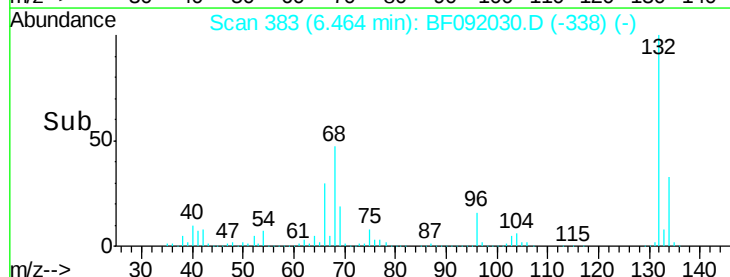
30000

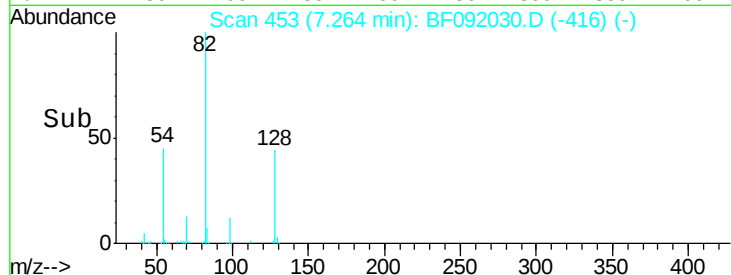
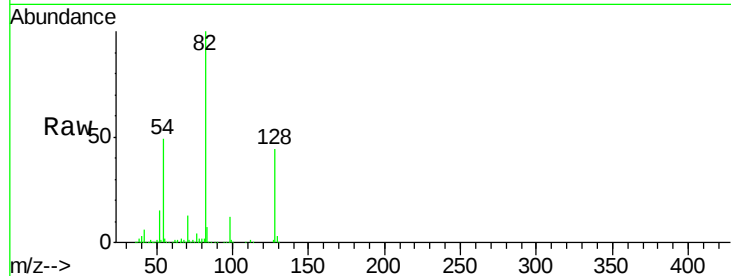
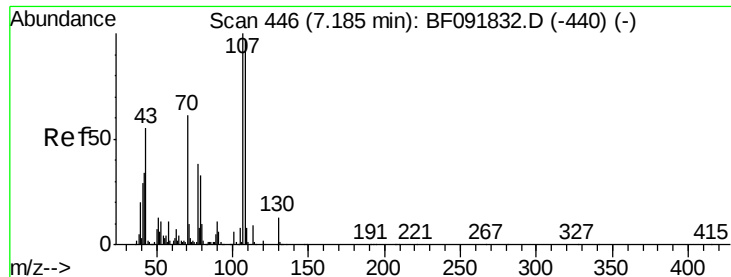
20000

10000

0

Time-->

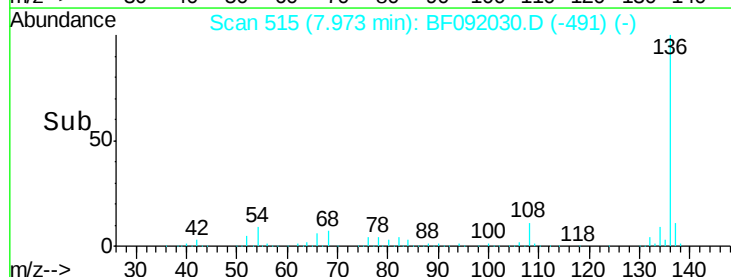
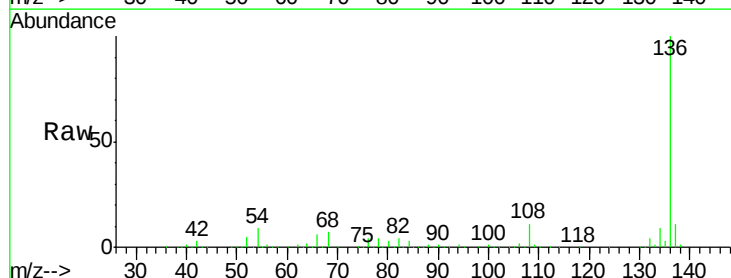
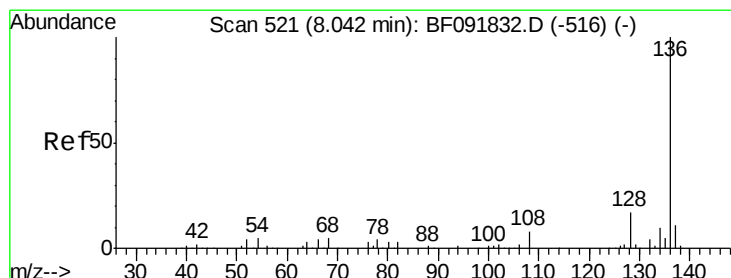
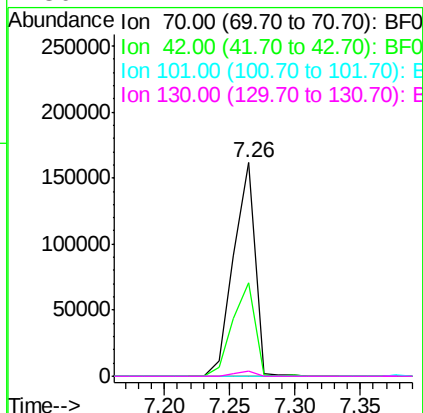




#19
n-Nitroso-di-n-propylamine
Concen: 20.94 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF092030.D
Acq: 29 Dec 2016 18:06

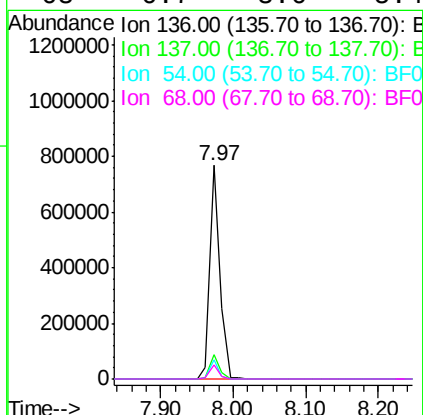
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MW-32

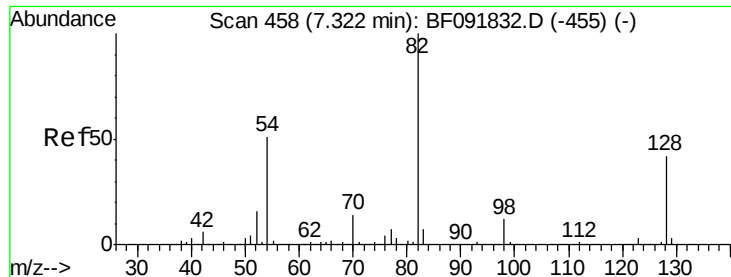
Tgt Ion:	70	Resp:	184006
Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092030.D
Acq: 29 Dec 2016 18:06

Tgt Ion:	136	Resp:	744185
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.1	4.5	6.7#
68	6.7	3.6	5.4#

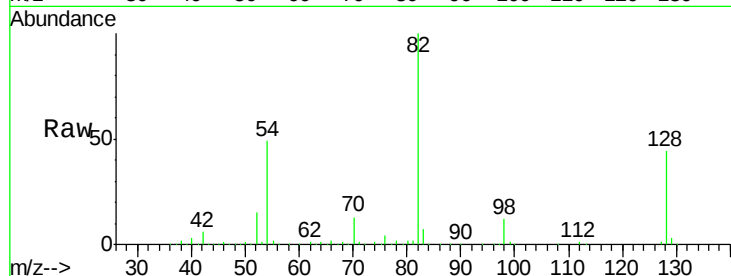




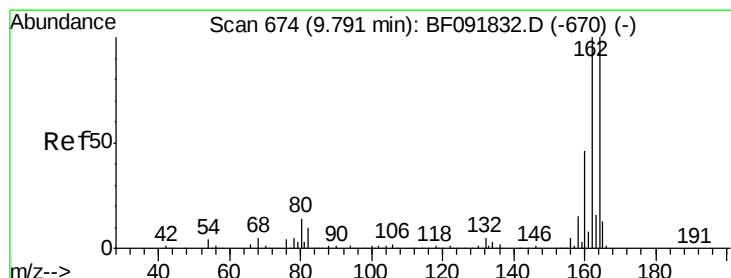
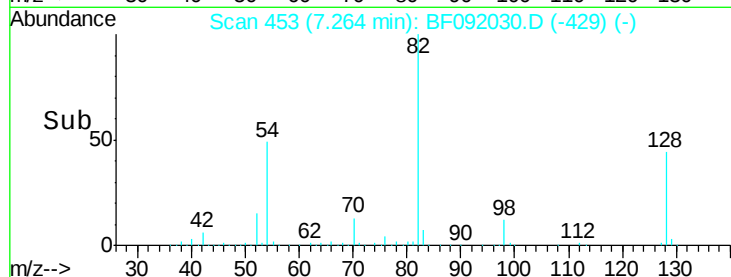
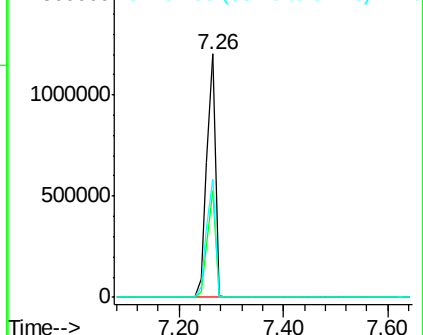
#23
 Nitrobenzene-d5
 Concen: 101.66 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092030.D
 Acq: 29 Dec 2016 18:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Tgt Ion: 82 Resp: 1360573
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 48.6 39.5 59.3

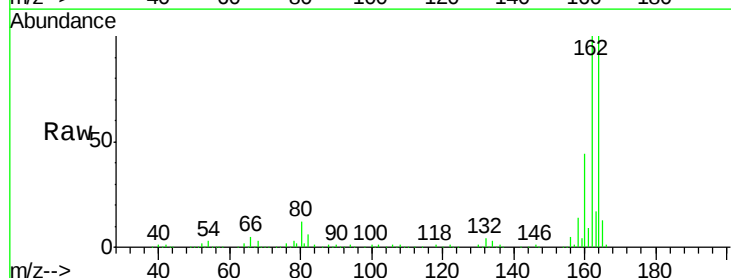


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

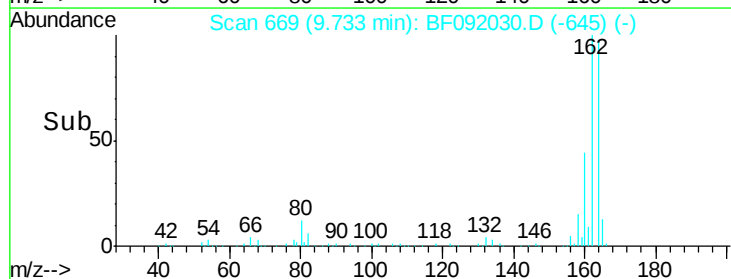
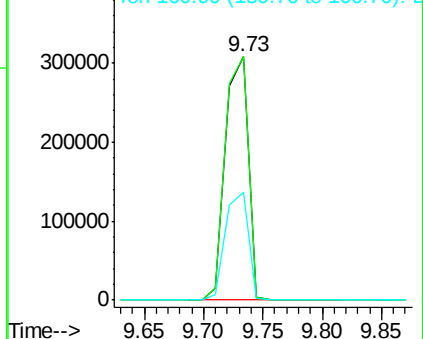


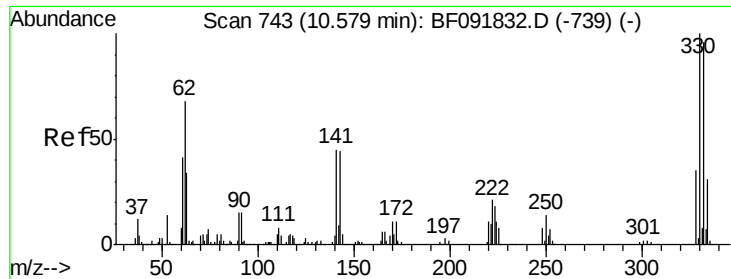
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092030.D
 Acq: 29 Dec 2016 18:06

Tgt Ion: 164 Resp: 412025
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.2 120.2
 160 44.1 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

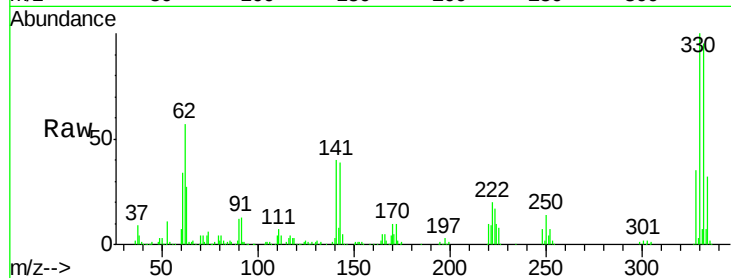




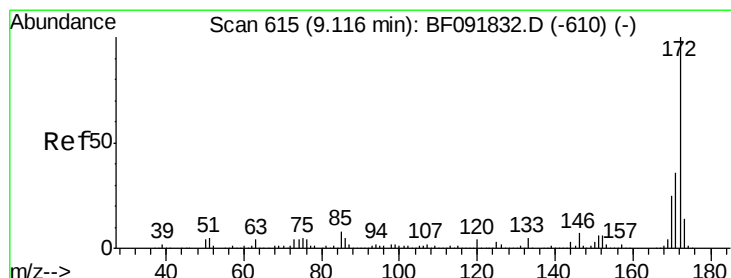
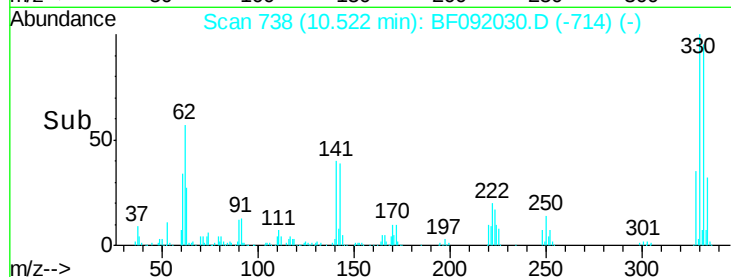
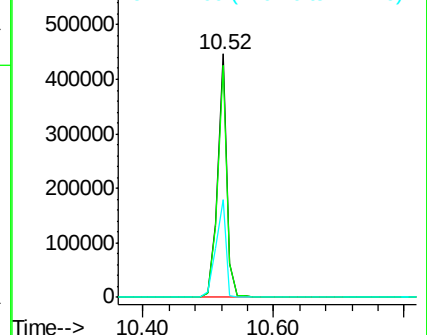
#41
 2,4,6-Tribromophenol
 Concen: 134.00 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092030.D
 Acq: 29 Dec 2016 18:06

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Tgt Ion: 330 Resp: 456921
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 43.3 34.1 51.1

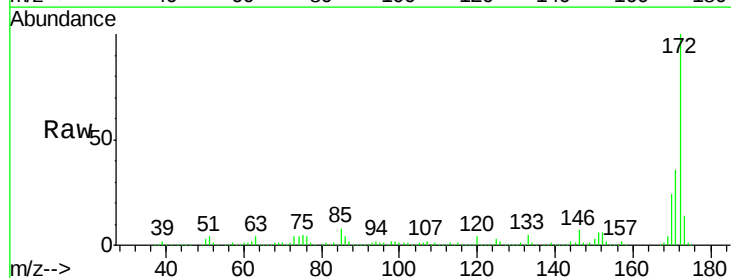


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.87 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092030.D
 Acq: 29 Dec 2016 18:06

Tgt Ion: 172 Resp: 1911776
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 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

