

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092002.D
 Acq On : 28 Dec 2016 18:52
 Operator : UM/SJ
 Sample : H6245-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Dec 29 00:40:40 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

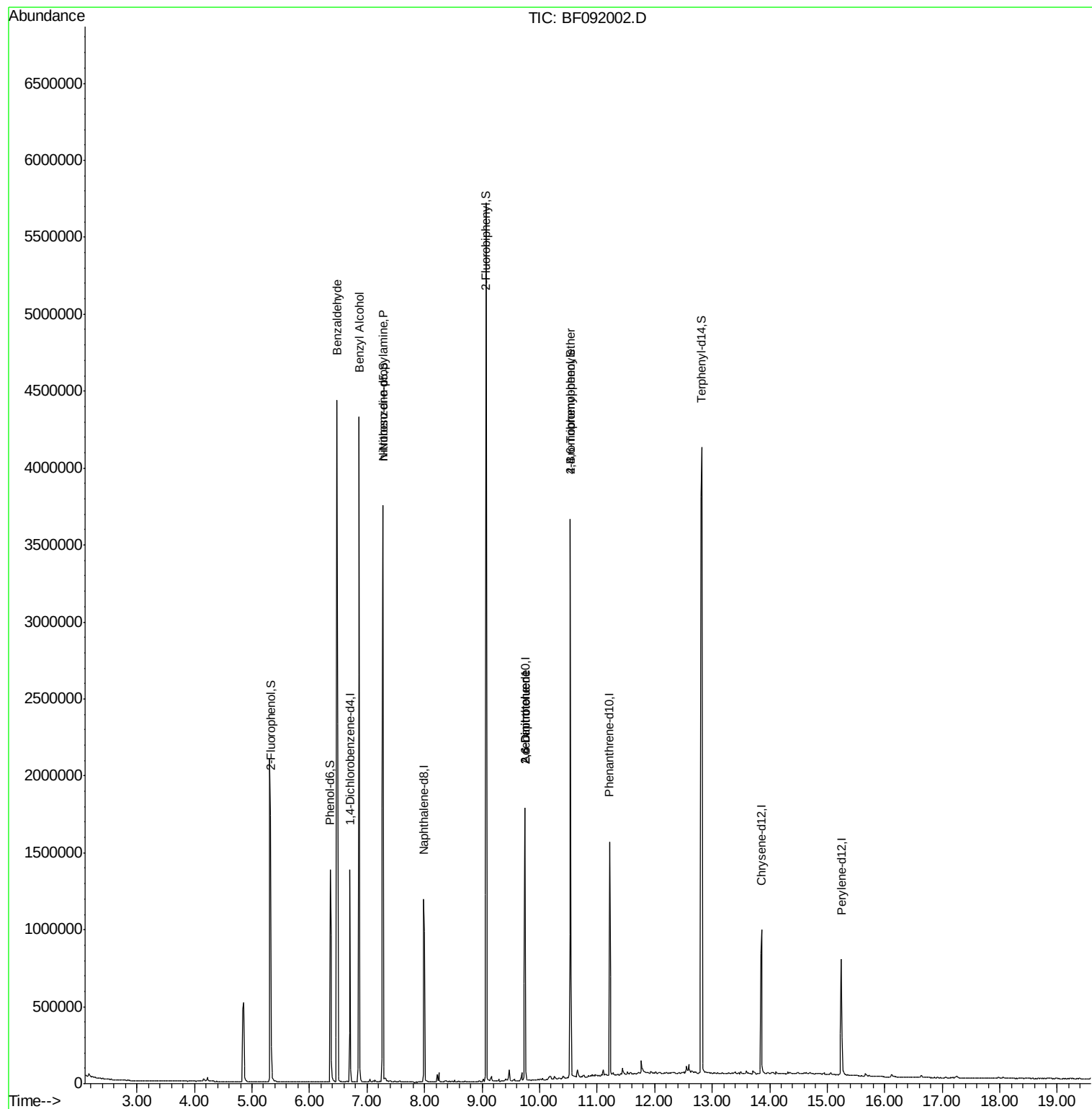
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	206105	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	789398	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	405550	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	617778	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	458009	20.00	ng	-0.01
86) Perylene-d12	15.24	264	335425	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	856026	69.35	ng	0.00
7) Phenol-d6	6.36	99	641996	42.60	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1417480	99.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	425995	126.93	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1874988	96.47	ng	-0.01
78) Terphenyl-d14	12.82	244	1968338	104.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	31686	2.59	ng	# 69
15) Benzyl Alcohol	6.86	79	23543	2.01	ng	# 28
19) n-Nitroso-di-n-propylamine	7.28	70	191122	19.06	ng	# 76
37) 2-Methylnaphthalene	8.70	142	731	Below Cal		94
50) 2,6-Dinitrotoluene	9.74	165	51764	9.12	ng	# 30
56) 2,4-Dinitrotoluene	9.74	165	51764	7.26	ng	# 19
66) 4-Bromophenyl-phenylether	10.53	248	27509	4.28	ng	# 1
71) Anthracene	11.30	178	1746	Below Cal		# 73
73) Di-n-butylphthalate	11.80	149	7903	Below Cal		# 91
74) Fluoranthene	12.43	202	2420	Below Cal		93

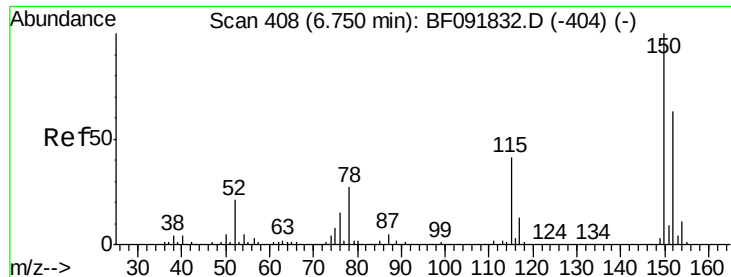
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092002.D

Acq: 28 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

MW-9

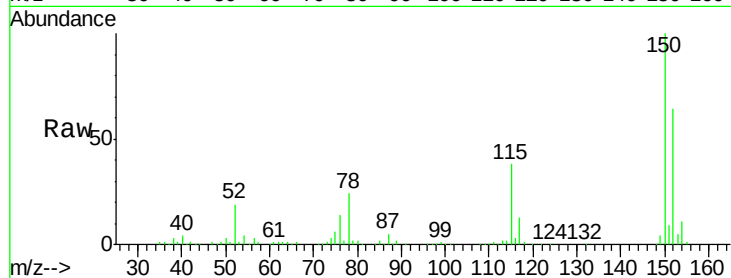
Tgt Ion:152 Resp: 206105

Ion Ratio Lower Upper

152 100

150 155.2 124.9 187.3

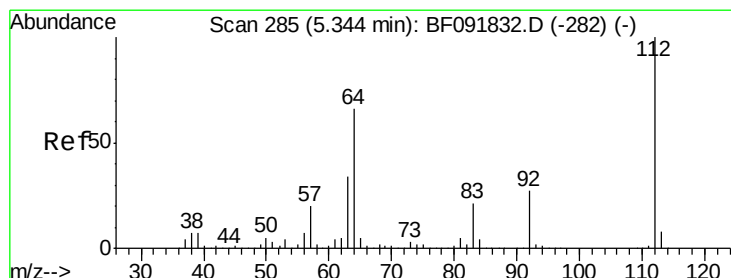
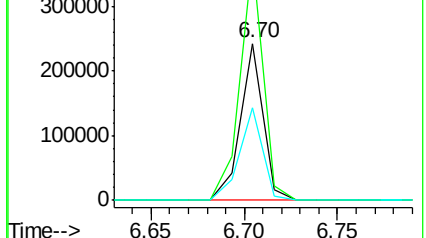
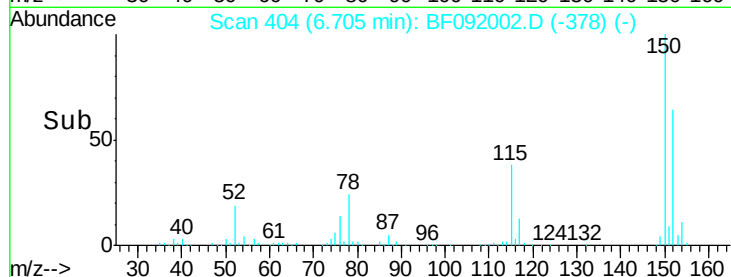
115 59.2 46.0 69.0



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: 69.35 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF092002.D

Acq: 28 Dec 2016 18:52

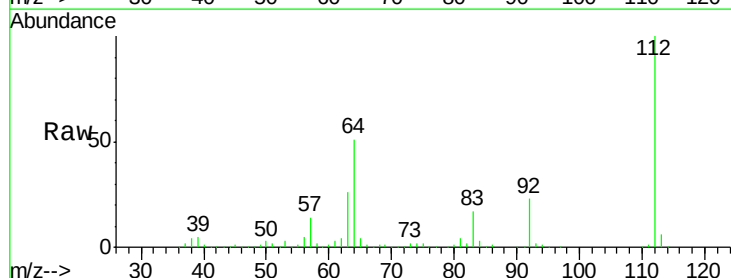
Tgt Ion:112 Resp: 856026

Ion Ratio Lower Upper

112 100

64 51.3 46.1 69.1

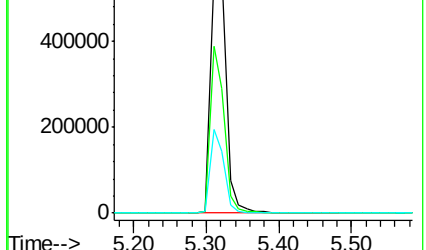
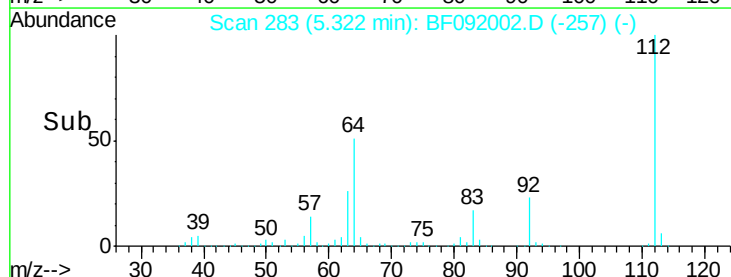
63 25.6 23.8 35.6

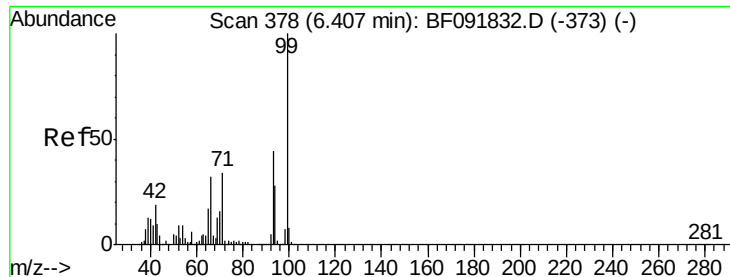


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.60 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092002.D

Acq: 28 Dec 2016 18:52

Instrument :

BNA_F

ClientSampleId :

MW-9

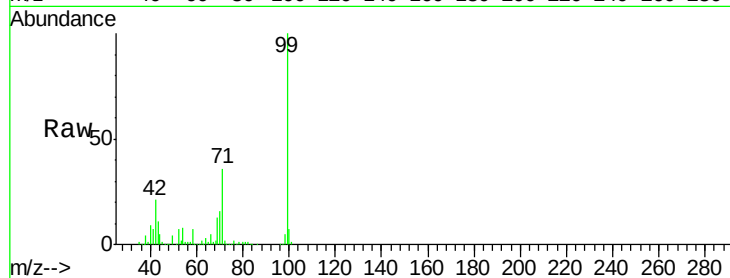
Tgt Ion: 99 Resp: 641996

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

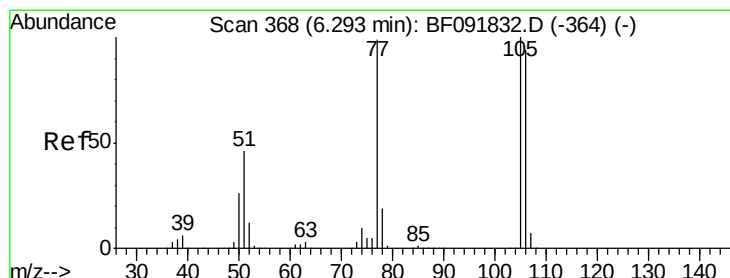
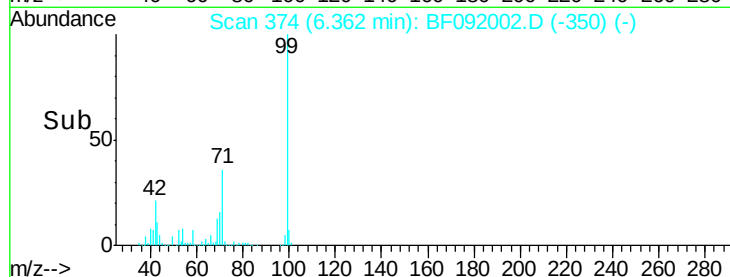
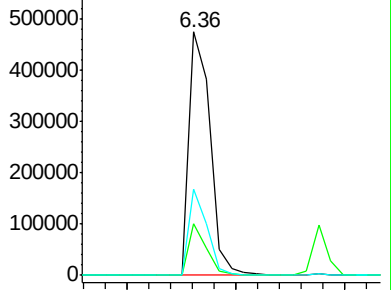
71 35.6 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.59 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.23 min

Lab File: BF092002.D

Acq: 28 Dec 2016 18:52

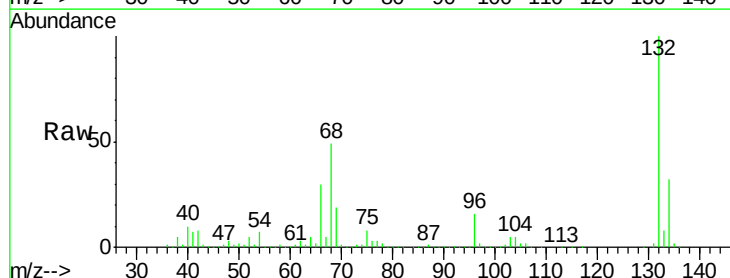
Tgt Ion: 77 Resp: 31686

Ion Ratio Lower Upper

77 100

105 73.2 83.9 123.9#

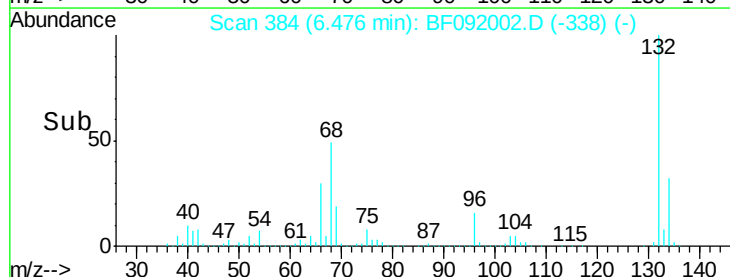
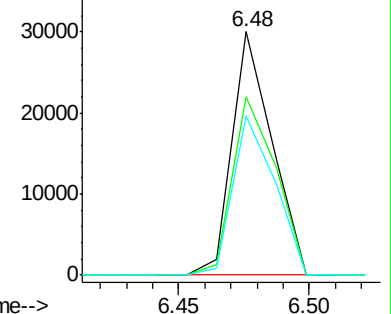
106 65.2 77.6 117.6#

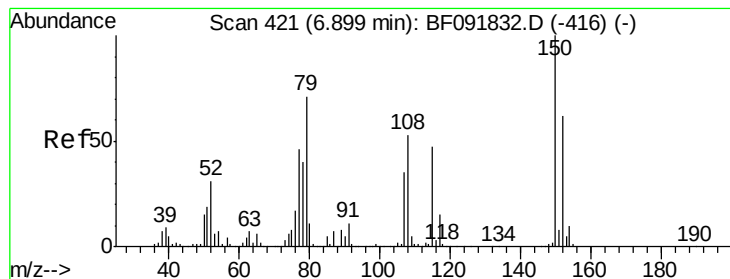


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF092002.D

Acq: 28 Dec 2016 18:52

Instrument :

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ClientSampleId :

MW-9

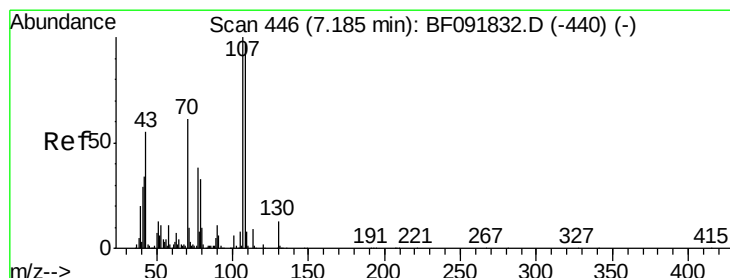
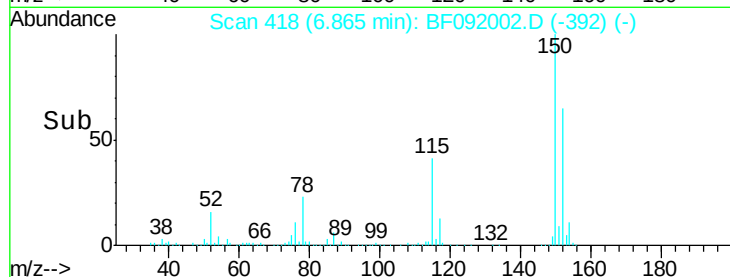
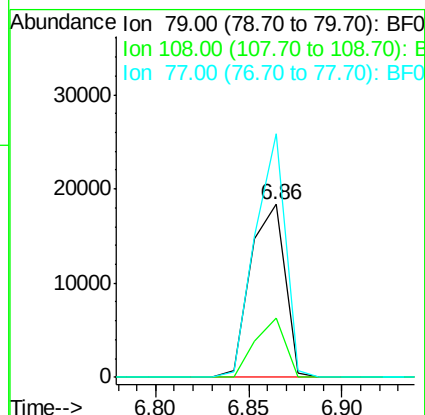
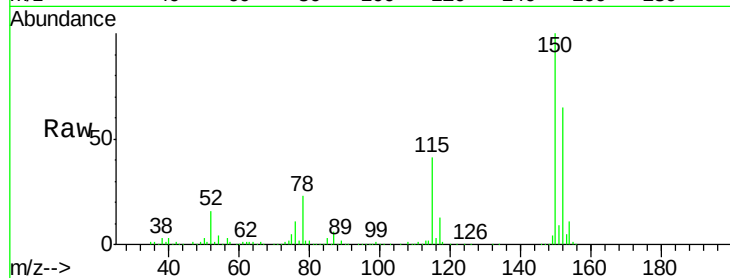
Tgt Ion: 79 Resp: 23543

Ion Ratio Lower Upper

79 100

108 34.3 61.4 92.0#

77 140.6 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 19.06 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF092002.D

Acq: 28 Dec 2016 18:52

Tgt Ion: 70 Resp: 191122

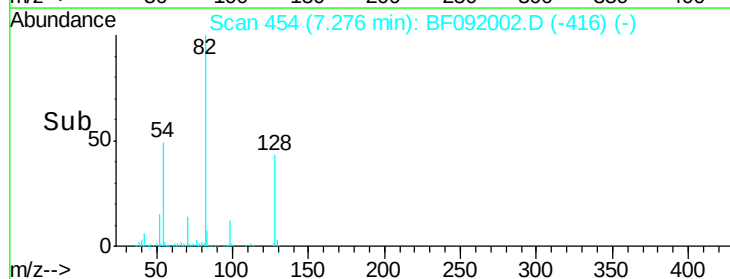
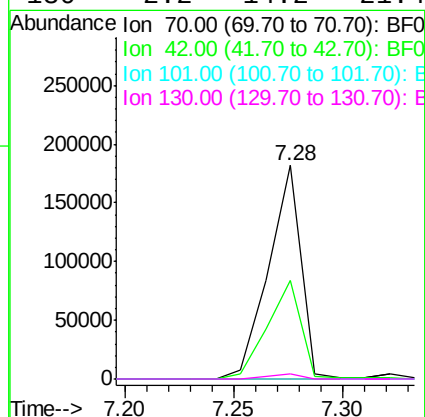
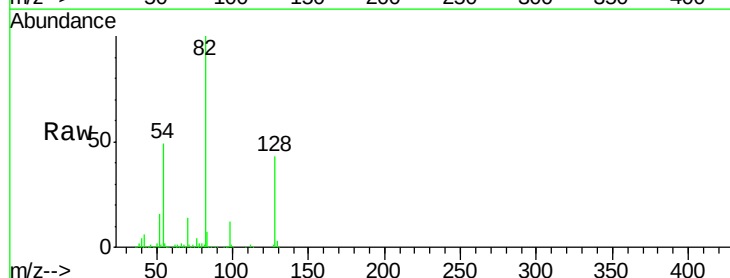
Ion Ratio Lower Upper

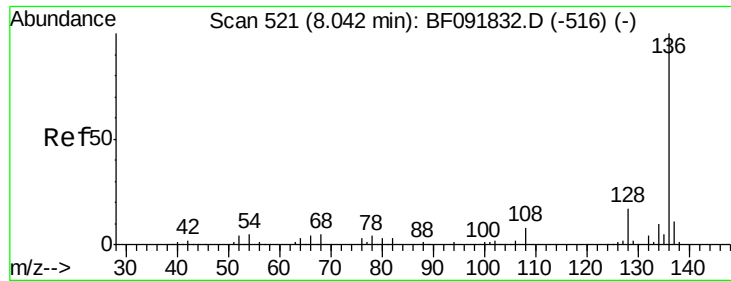
70 100

42 45.9 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

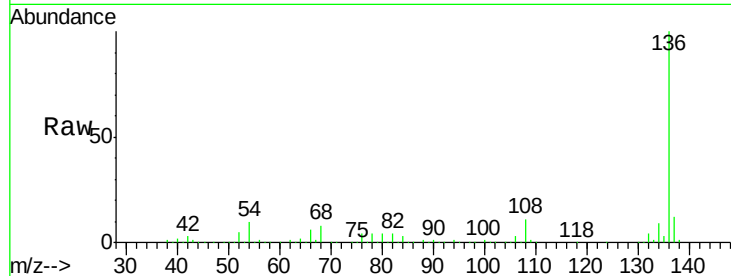




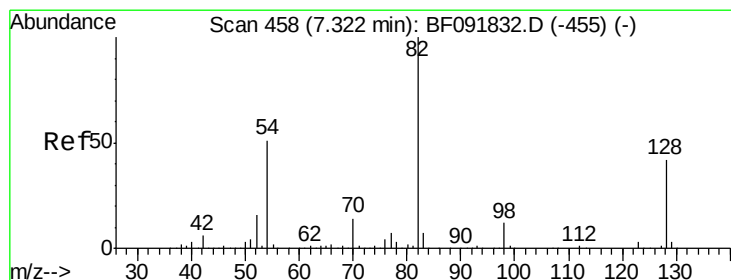
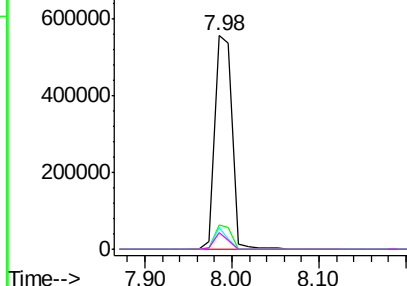
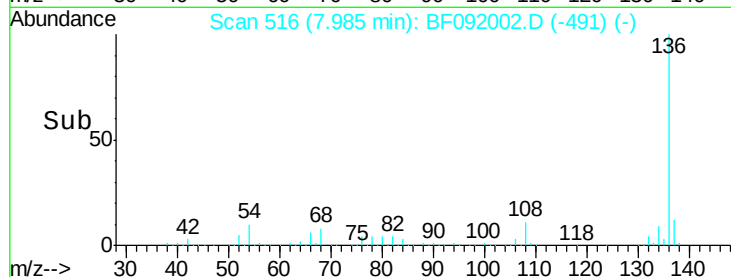
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

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BNA_F
ClientSampleId :
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Tgt Ion: 136 Resp: 789398
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 10.3 4.5 6.7#
68 7.7 3.6 5.4#

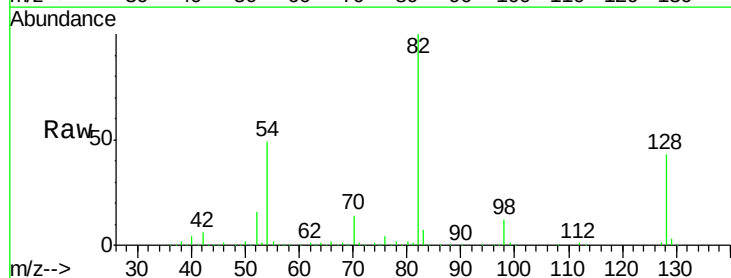


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

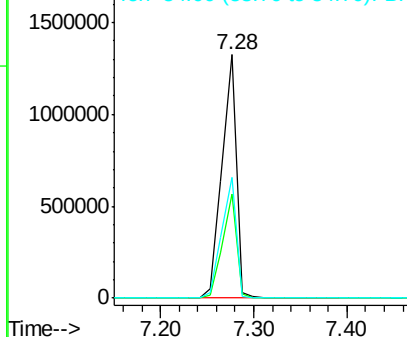
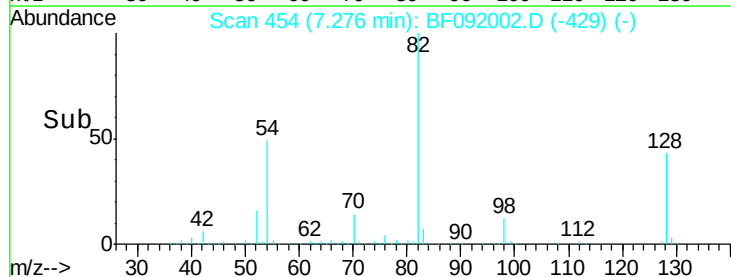


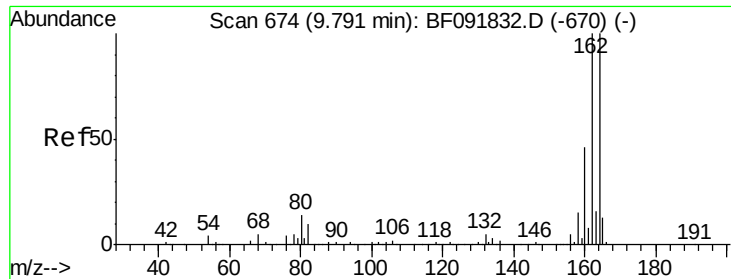
#23
Nitrobenzene-d5
Concen: 99.85 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092002.D
Acq: 28 Dec 2016 18:52

Tgt Ion: 82 Resp: 1417480
Ion Ratio Lower Upper
82 100
128 42.8 34.6 52.0
54 49.4 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

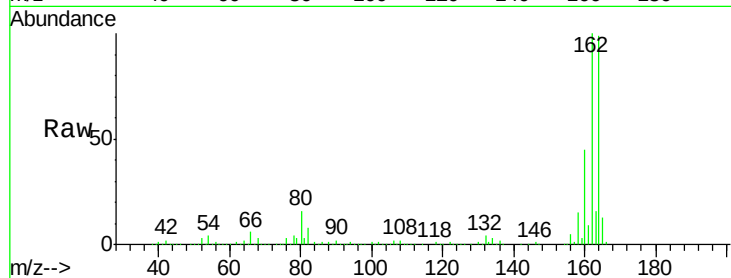




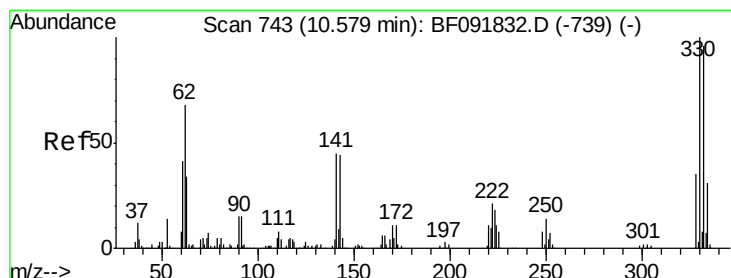
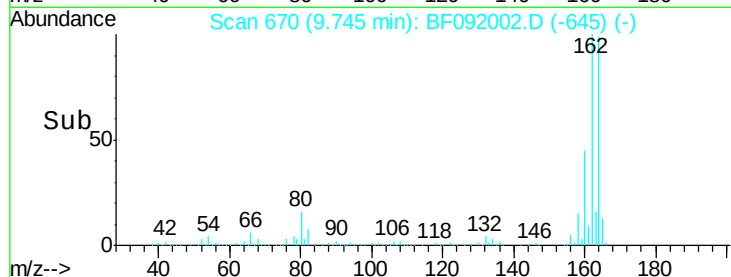
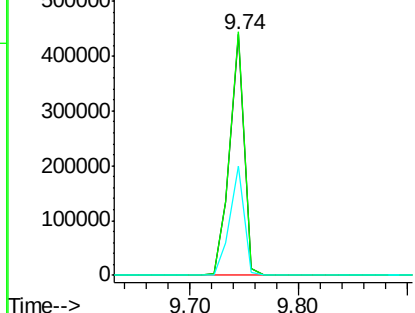
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092002.D
 Acq: 28 Dec 2016 18:52

Instrument :
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 ClientSampleId :
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Tgt Ion:164 Resp: 405550
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 45.2 36.9 55.3

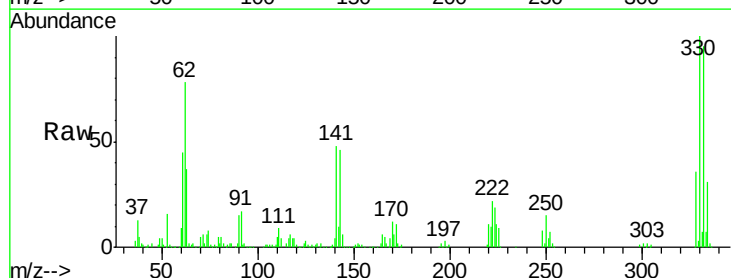


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

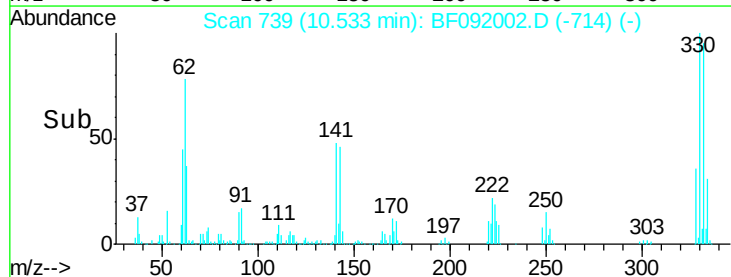
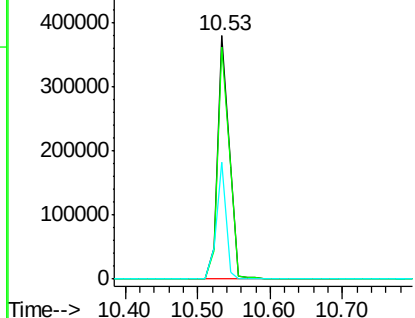


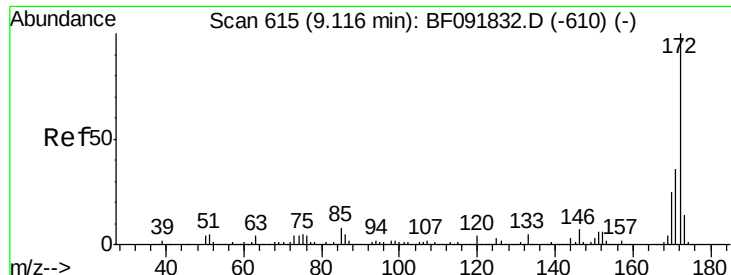
#41
 2,4,6-Tribromophenol
 Concen: 126.93 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092002.D
 Acq: 28 Dec 2016 18:52

Tgt Ion:330 Resp: 425995
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 40.2 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

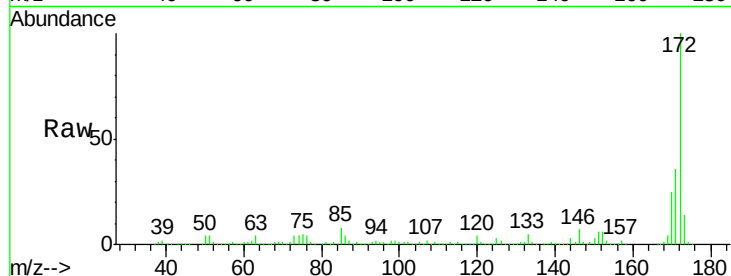




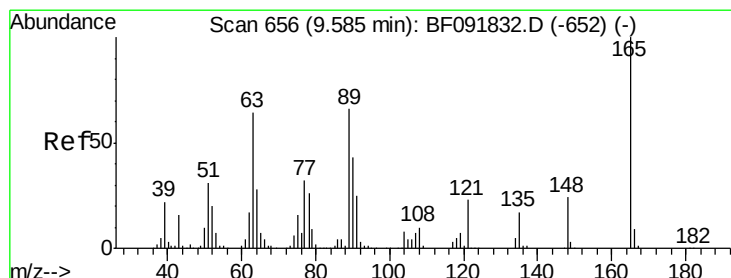
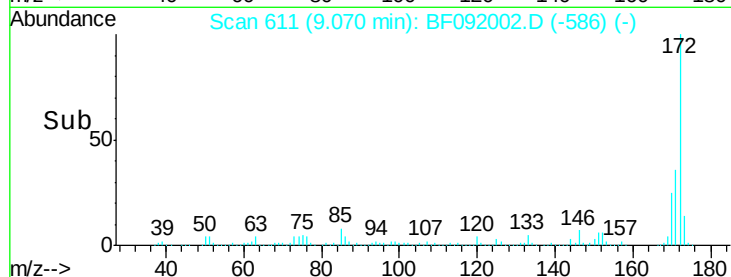
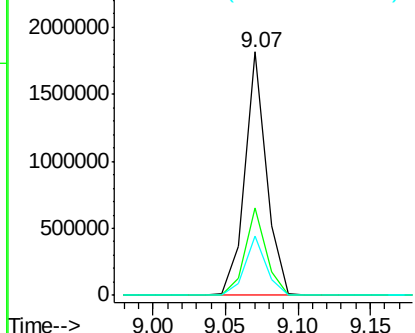
#44
 2-Fluorobiphenyl
 Concen: 96.47 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092002.D
 Acq: 28 Dec 2016 18:52

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Tgt Ion:172 Resp: 1874988
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.6 20.2 30.4

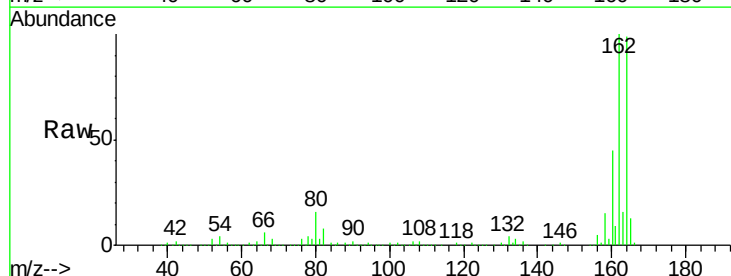


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

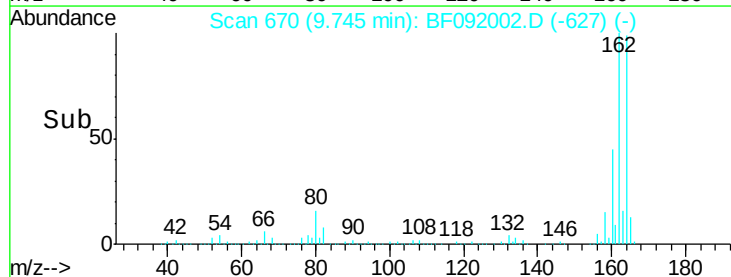
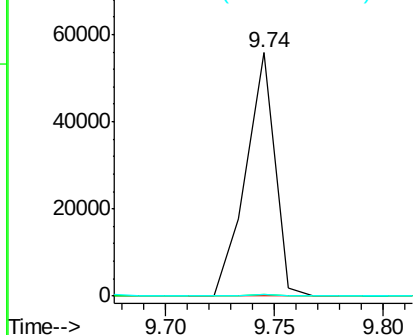


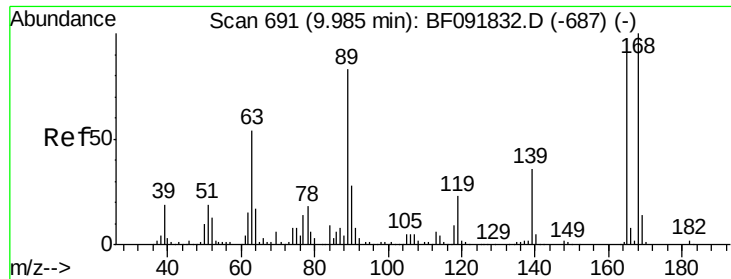
#50
 2,6-Dinitrotoluene
 Concen: 9.12 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.19 min
 Lab File: BF092002.D
 Acq: 28 Dec 2016 18:52

Tgt Ion:165 Resp: 51764
 Ion Ratio Lower Upper
 165 100
 63 0.7 36.2 54.4#
 89 0.8 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

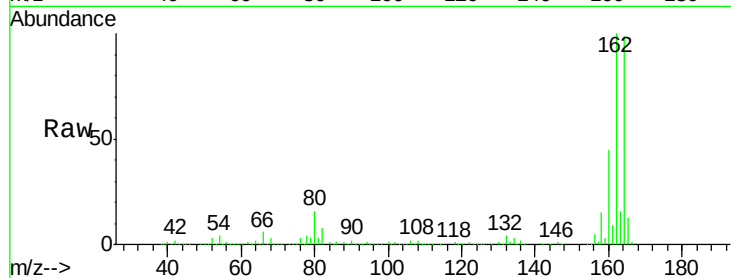




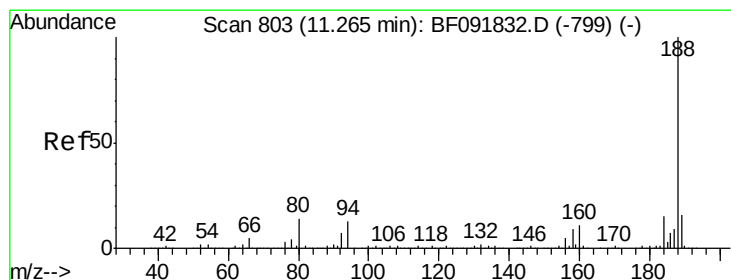
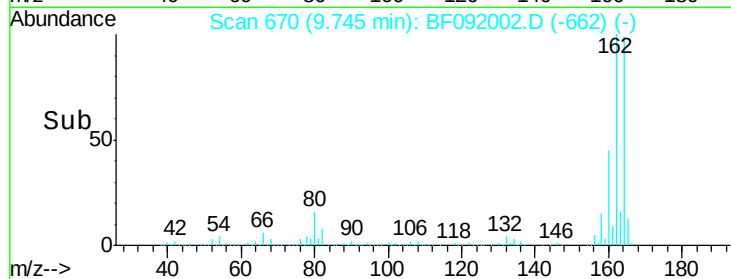
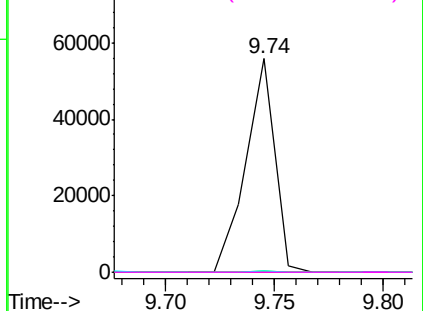
#56
 2,4-Dinitrotoluene
 Concen: 7.26 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.21 min
 Lab File: BF092002.D
 Acq: 28 Dec 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:165 Resp: 51764
 Ion Ratio Lower Upper
 165 100
 63 0.7 40.2 60.4#
 89 0.8 62.5 93.7#
 182 0.0 1.8 2.8#

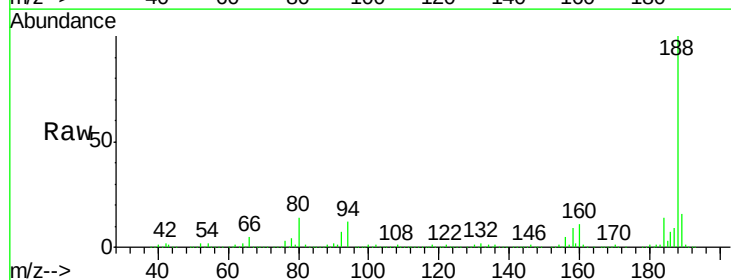


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF092002.D
 Acq: 28 Dec 2016 18:52

Tgt Ion:188 Resp: 617778
 Ion Ratio Lower Upper
 188 100
 94 12.4 10.0 15.0
 80 13.7 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

