

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091092.D
 Acq On : 8 Nov 2016 19:55
 Operator : UM/SJ
 Sample : H5581-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRW1

Quant Time: Nov 09 00:44:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170936	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	719032	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	380868	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	618700	20.00	ng	0.00
75) Chrysene-d12	13.80	240	476760	20.00	ng	-0.01
86) Perylene-d12	15.17	264	343777	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	661595	63.92	ng	0.01
7) Phenol-d6	6.32	99	522040	37.16	ng	0.00
23) Nitrobenzene-d5	7.23	82	1207210	91.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	475594	138.12	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1908127	86.25	ng	-0.01
78) Terphenyl-d14	12.76	244	1982454	103.76	ng	0.00

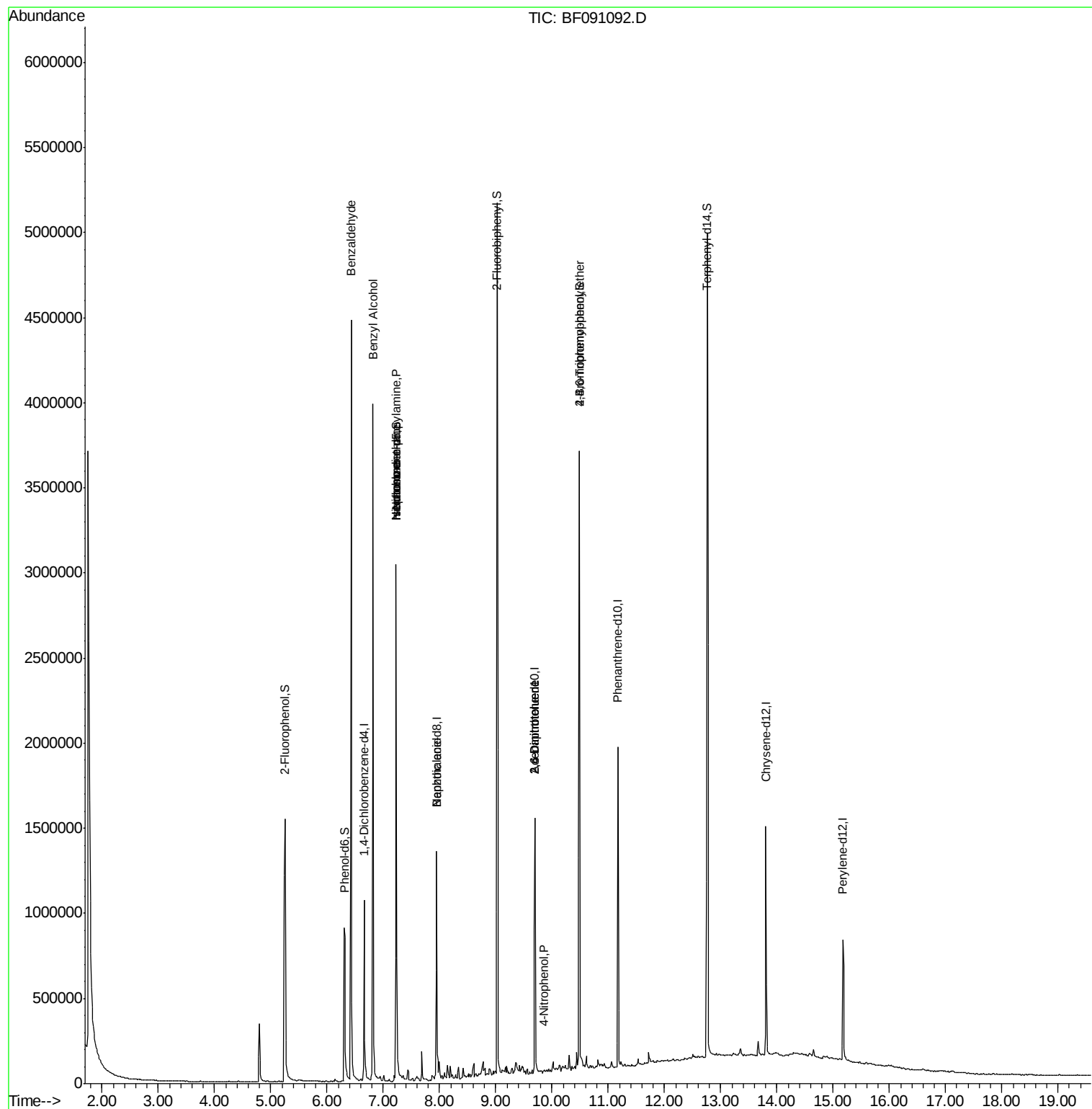
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	30145	3.87	ng	87
15) Benzyl Alcohol	6.82	79	22841	2.31	ng	# 49
18) Hexachloroethane	7.23	117	28793	5.55	ng	# 2
19) n-Nitroso-di-n-propylamine	7.23	70	170110	17.47	ng	# 79
25) Isophorone	7.23	82	1006301	39.62	ng	# 67
32) Benzoic acid	7.95	122	234	5.10	ng	# 1
50) 2,6-Dinitrotoluene	9.70	165	49829	9.31	ng	# 12
55) 4-Nitrophenol	9.85	139	1018	5.96	ng	# 1
56) 2,4-Dinitrotoluene	9.70	165	50755	7.45	ng	# 27
66) 4-Bromophenyl-phenylether	10.49	248	32622	5.07	ng	# 1

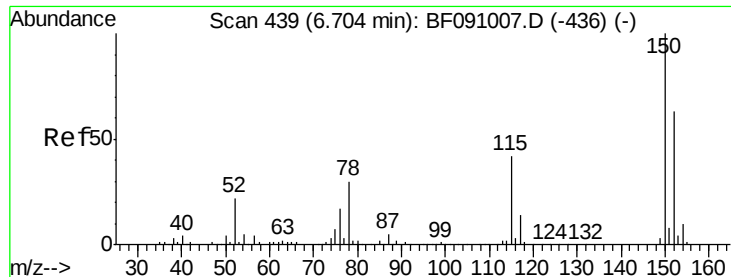
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 09 00:44:34 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

Instrument :

BNA_F

ClientSampleId :

DRW1

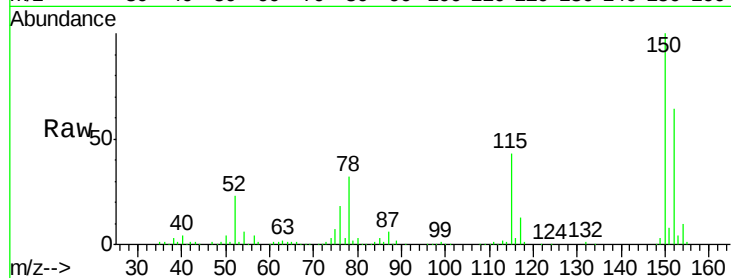
Tgt Ion:152 Resp: 170936

Ion Ratio Lower Upper

152 100

150 157.1 126.8 190.2

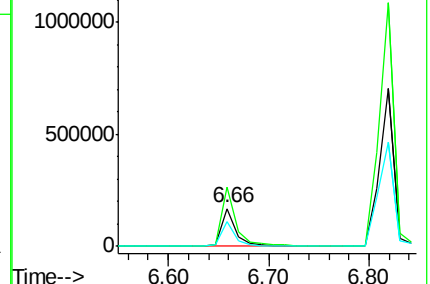
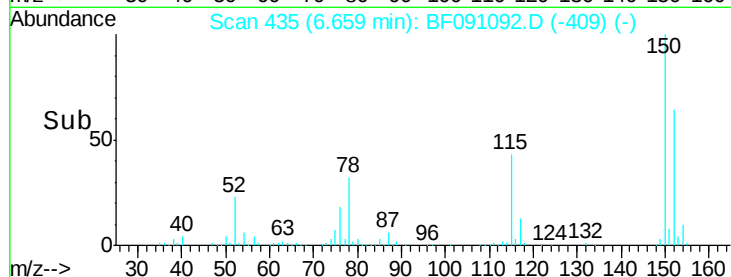
115 67.2 53.3 79.9



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: 63.92 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

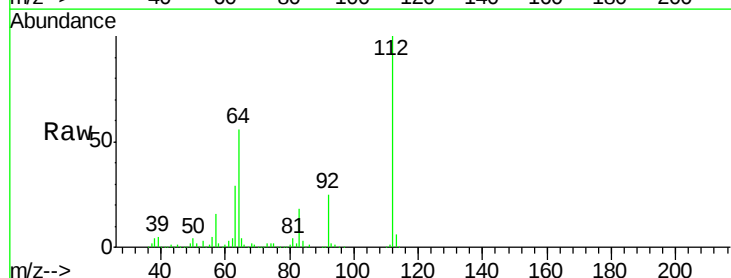
Tgt Ion:112 Resp: 661595

Ion Ratio Lower Upper

112 100

64 56.4 55.8 83.6

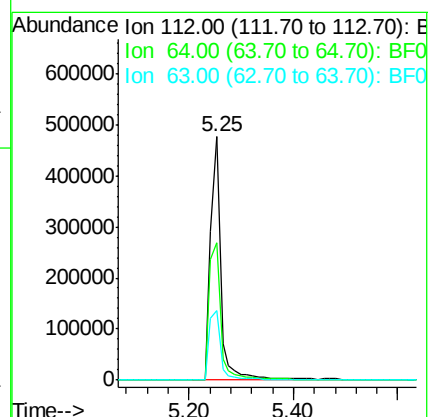
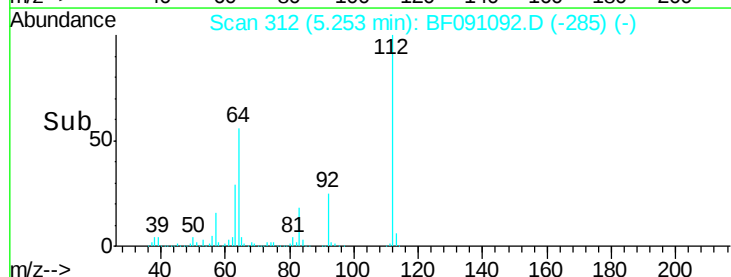
63 28.6 28.0 42.0

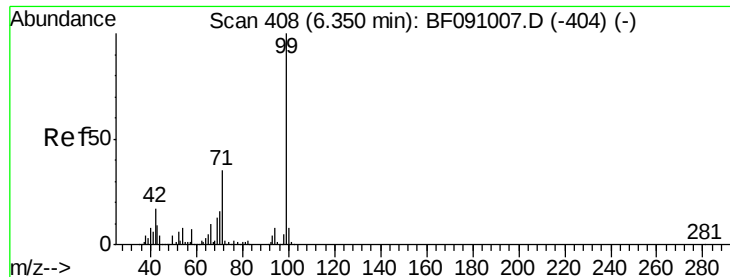


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.16 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

Instrument :

BNA_F

ClientSampleId :

DRW1

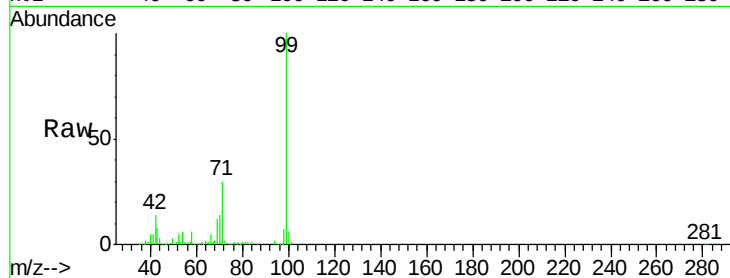
Tgt Ion: 99 Resp: 522040

Ion Ratio Lower Upper

99 100

42 13.7 13.9 20.9#

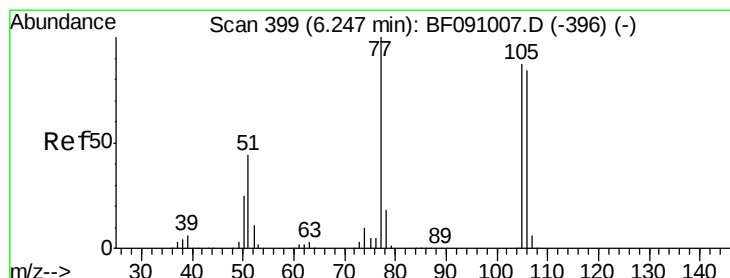
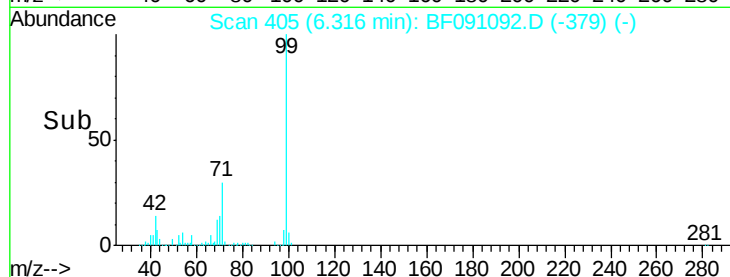
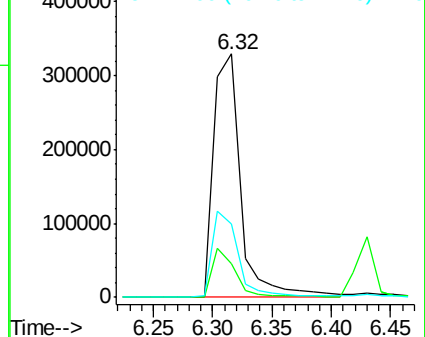
71 30.2 27.8 41.8



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: 3.87 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

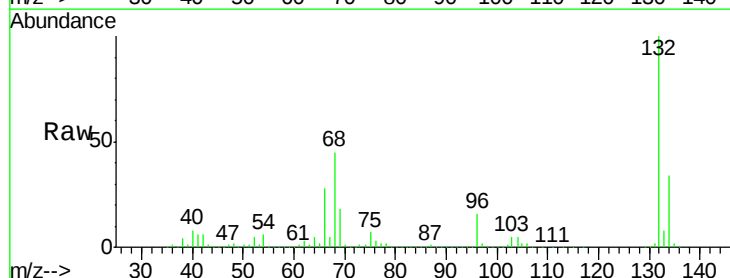
Tgt Ion: 77 Resp: 30145

Ion Ratio Lower Upper

77 100

105 78.7 66.8 106.8

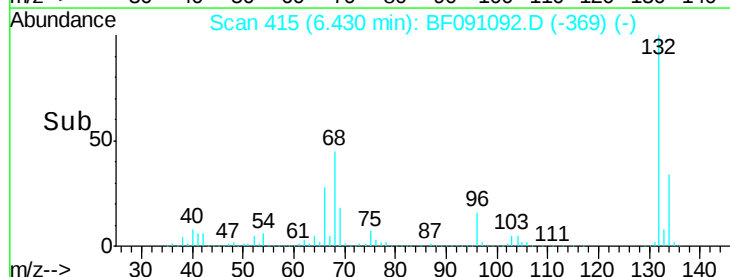
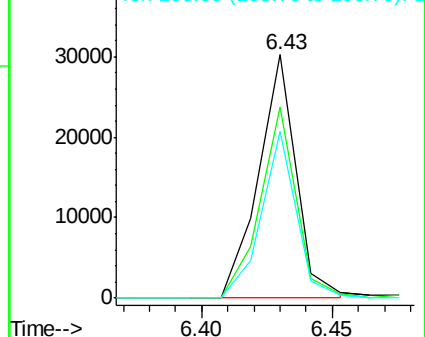
106 68.7 64.0 104.0

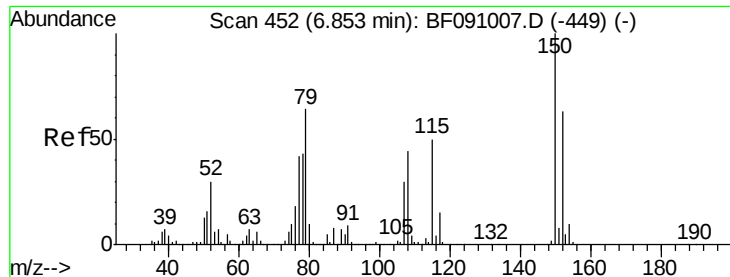


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.31 ng

RT: 6.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

Instrument :

BNA_F

ClientSampleId :

DRW1

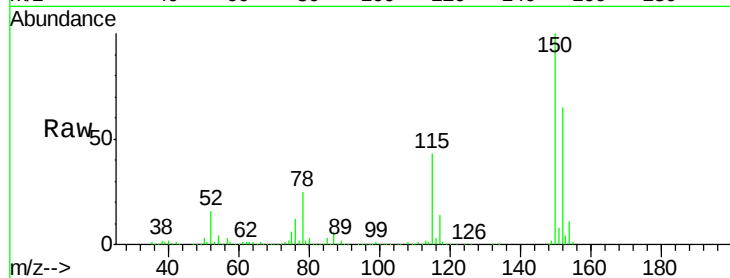
Tgt Ion: 79 Resp: 22841

Ion Ratio Lower Upper

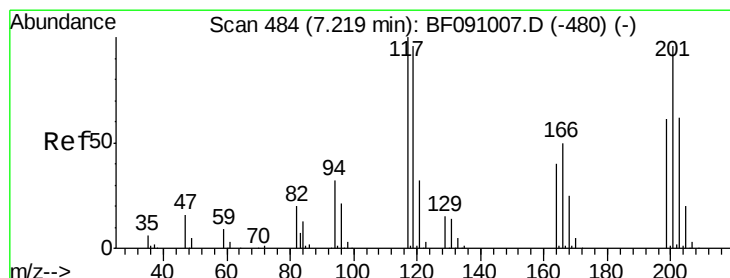
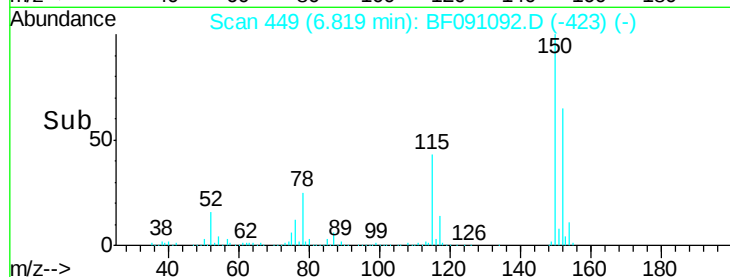
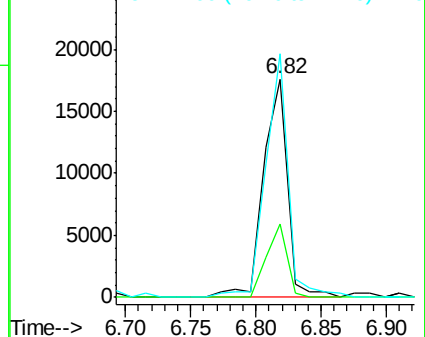
79 100

108 33.4 55.7 83.5#

77 111.4 52.6 79.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 5.55 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.06 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

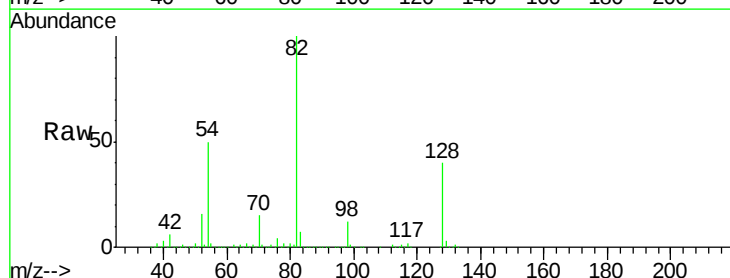
Tgt Ion: 117 Resp: 28793

Ion Ratio Lower Upper

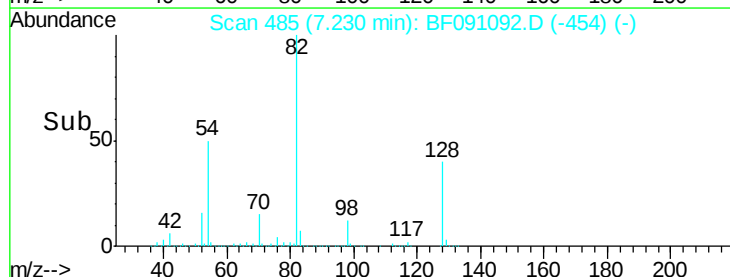
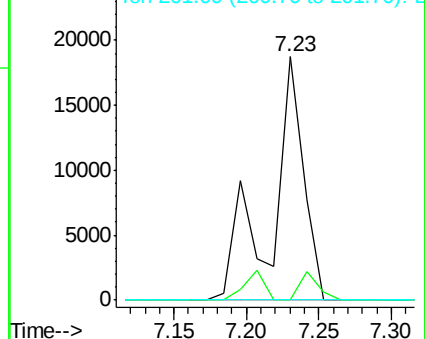
117 100

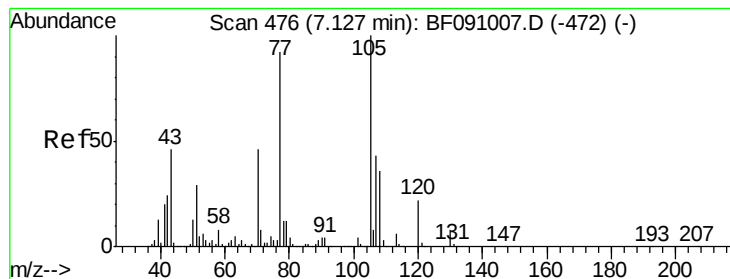
119 0.0 76.6 115.0#

201 0.0 77.1 115.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.47 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

Instrument :

BNA_F

ClientSampleId :

DRW1

Tgt Ion: 70 Resp: 170110

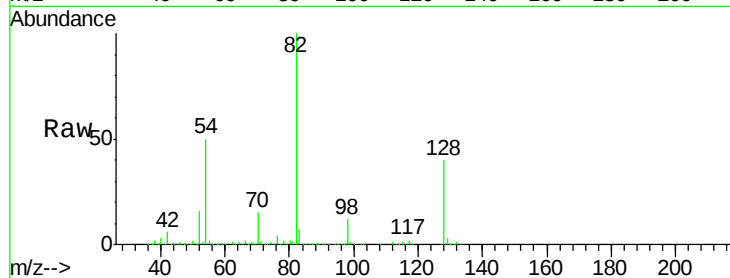
Ion Ratio Lower Upper

70 100

42 40.6 41.7 62.5#

101 0.0 6.7 10.1#

130 2.1 13.8 20.8#

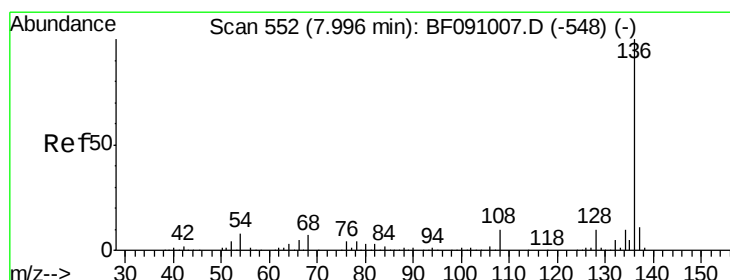
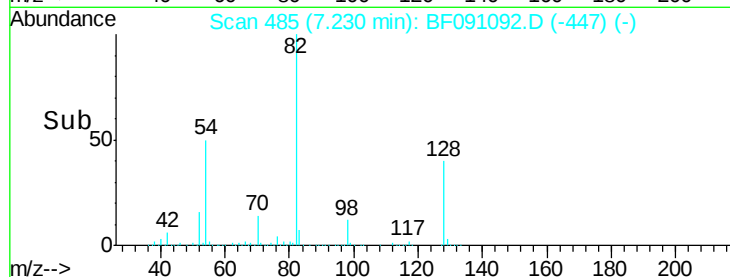
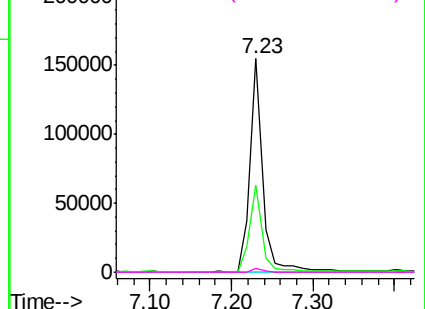


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF091092.D

Acq: 8 Nov 2016 19:55

Tgt Ion: 136 Resp: 719032

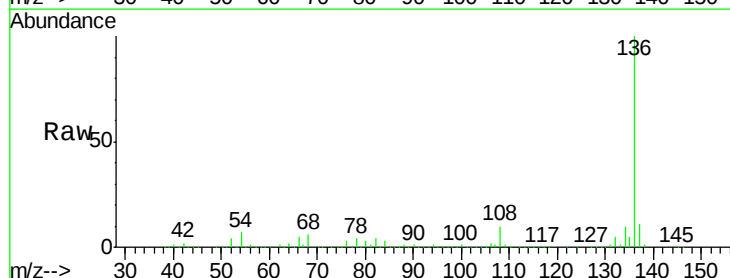
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.2 9.2

68 6.4 5.5 8.3

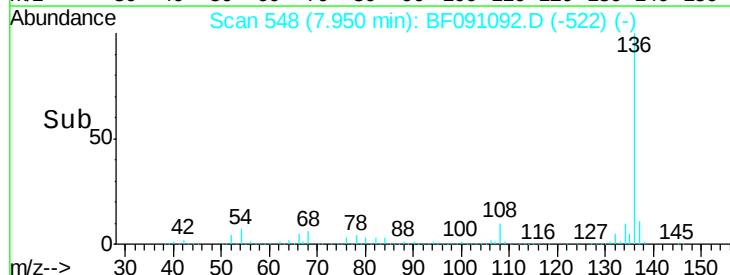
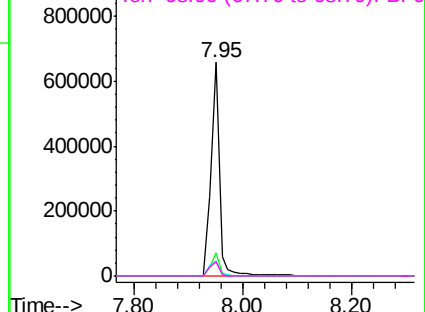


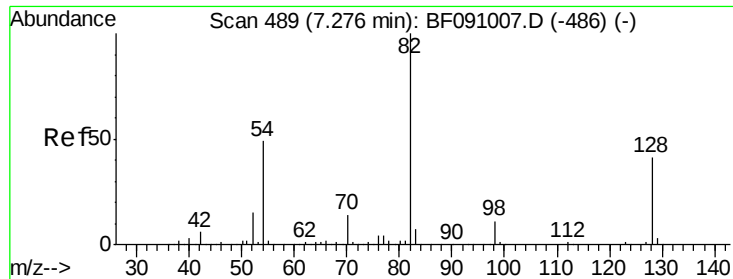
Abundance Ion 136.00 (135.70 to 136.70): E

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

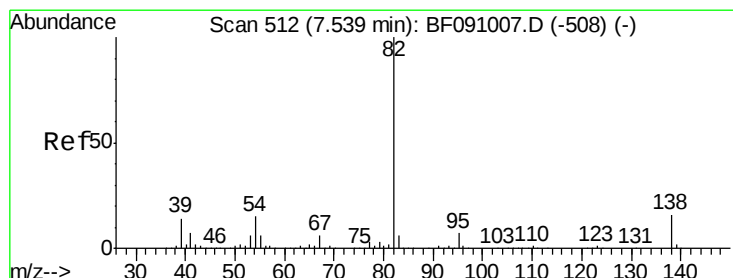
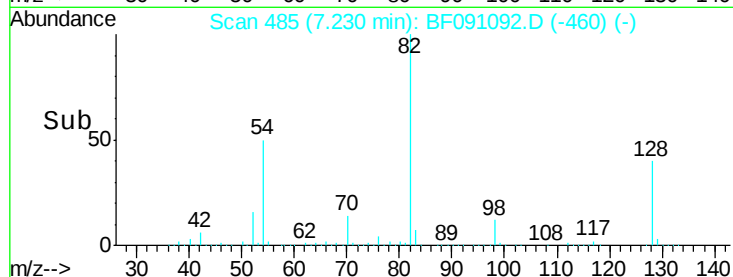
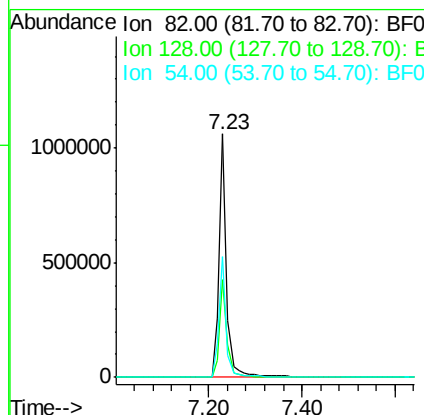
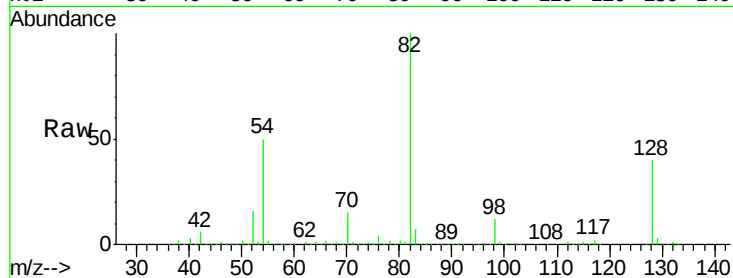




#23
 Nitrobenzene-d5
 Concen: 91.59 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

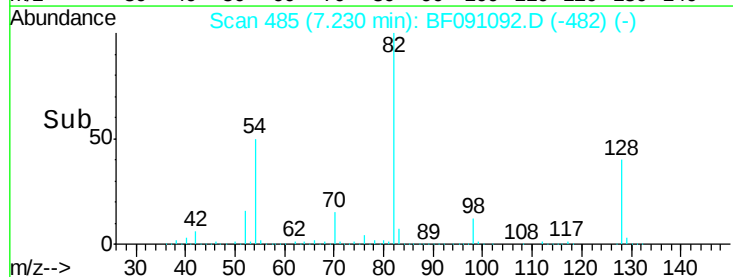
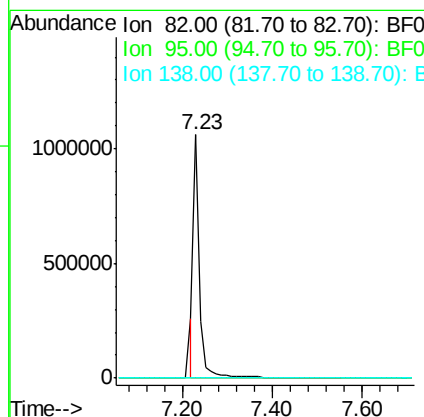
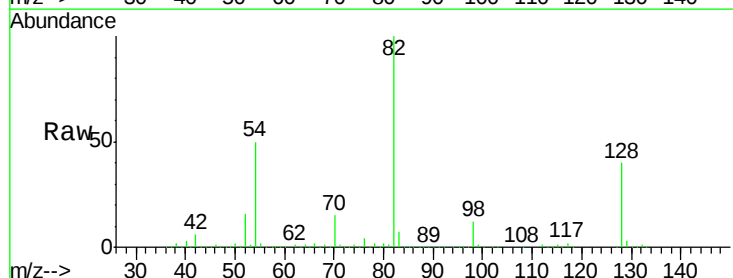
Instrument :
 BNA_F
 ClientSampled :
 DRW1

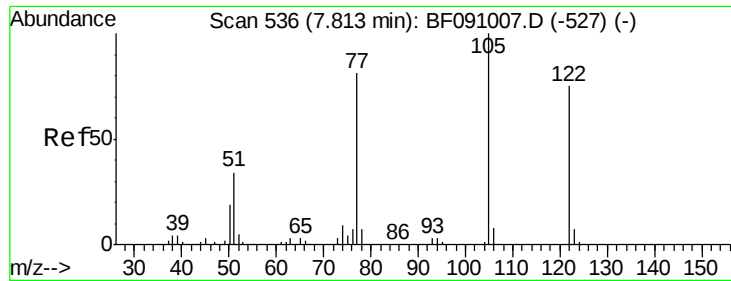
Tgt Ion: 82 Resp: 1207210
 Ion Ratio Lower Upper
 82 100
 128 39.9 32.4 48.6
 54 49.8 39.2 58.8



#25
 Isophorone
 Concen: 39.62 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.26 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

Tgt Ion: 82 Resp: 1006301
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#

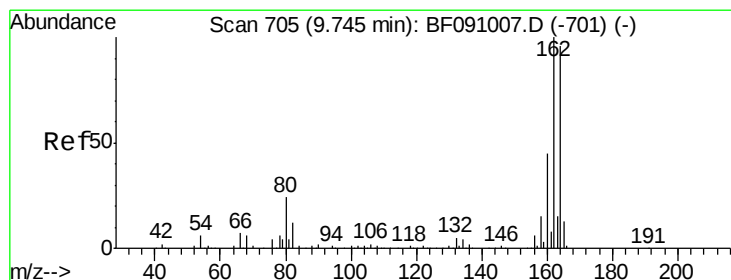
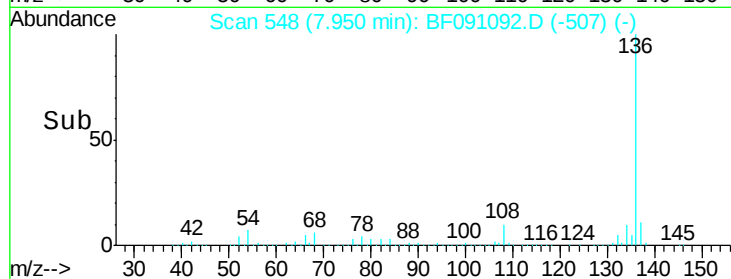
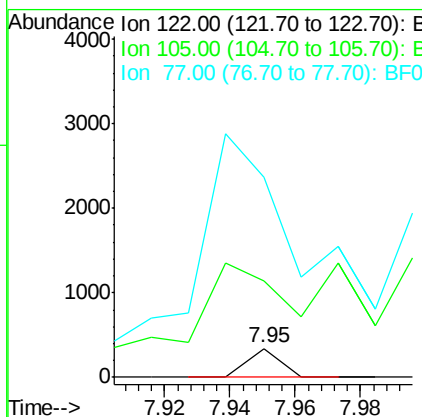
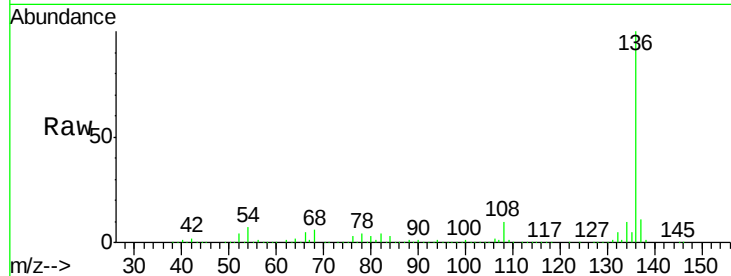




#32
Benzoic acid
Concen: 5.10 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.17 min
Lab File: BF091092.D
Acq: 8 Nov 2016 19:55

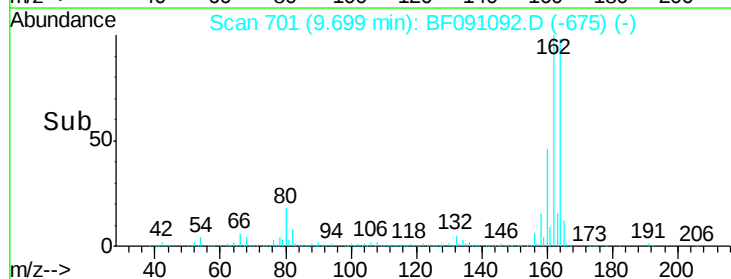
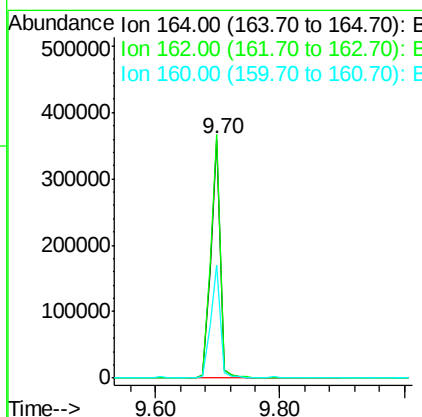
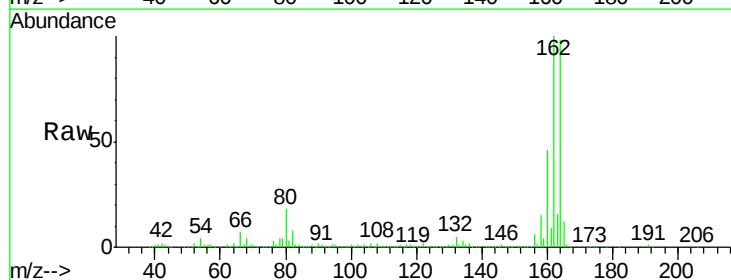
Instrument :
BNA_F
ClientSampleId :
DRW1

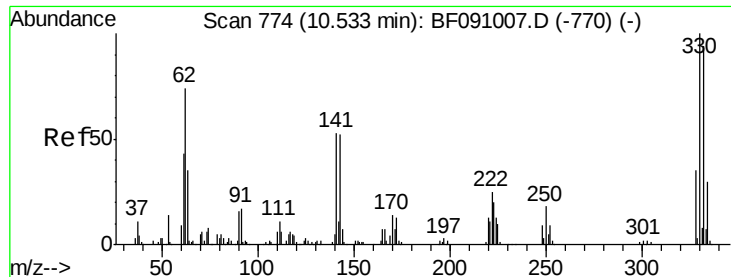
Tgt Ion:122 Resp: 234
Ion Ratio Lower Upper
122 100
105 335.8 105.9 145.9#
77 694.4 84.0 124.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091092.D
Acq: 8 Nov 2016 19:55

Tgt Ion:164 Resp: 380868
Ion Ratio Lower Upper
164 100
162 101.9 83.6 125.4
160 47.1 37.9 56.9

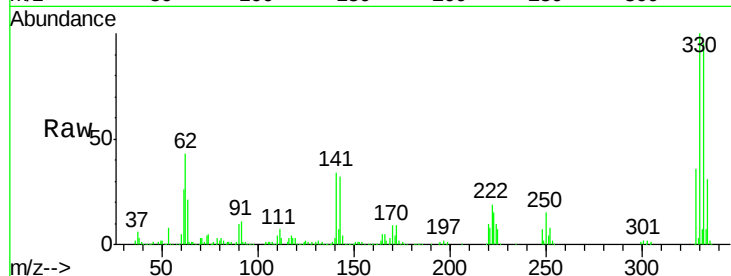




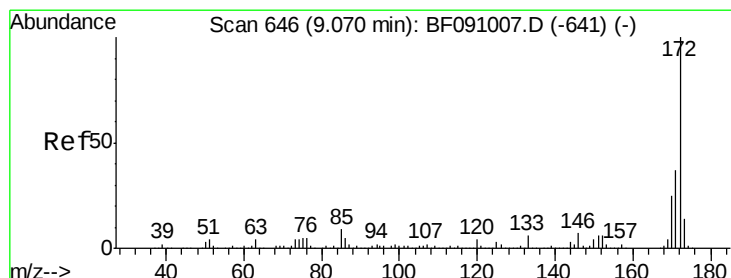
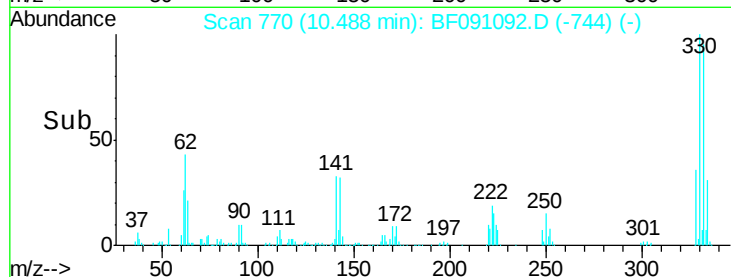
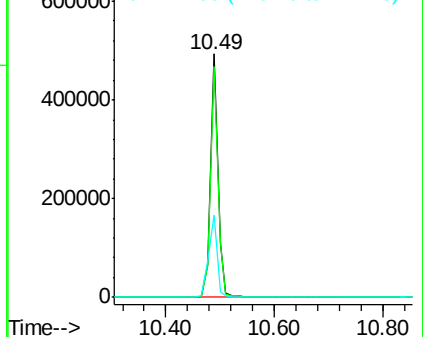
#41
 2,4,6-Tribromophenol
 Concen: 138.12 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

Instrument :
 BNA_F
 ClientSampleId :
 DRW1

Tgt Ion: 330 Resp: 475594
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 37.6 36.1 54.1

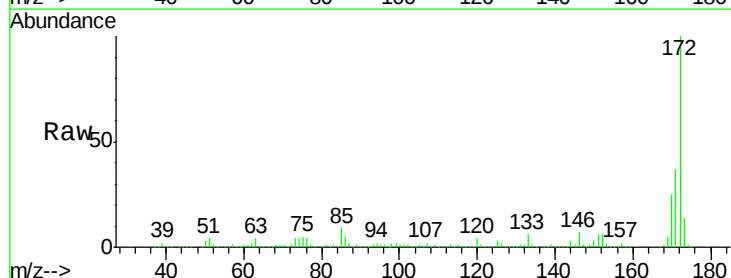


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.25 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091092.D
 Acq: 8 Nov 2016 19:55

Tgt Ion: 172 Resp: 1908127
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.4 20.3 30.5



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

