

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
 Data File : BF092062.D
 Acq On : 3 Jan 2017 15:56
 Operator : UM/SJ
 Sample : PB95723BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95719BL

Quant Time: Jan 04 00:07:03 2017
 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

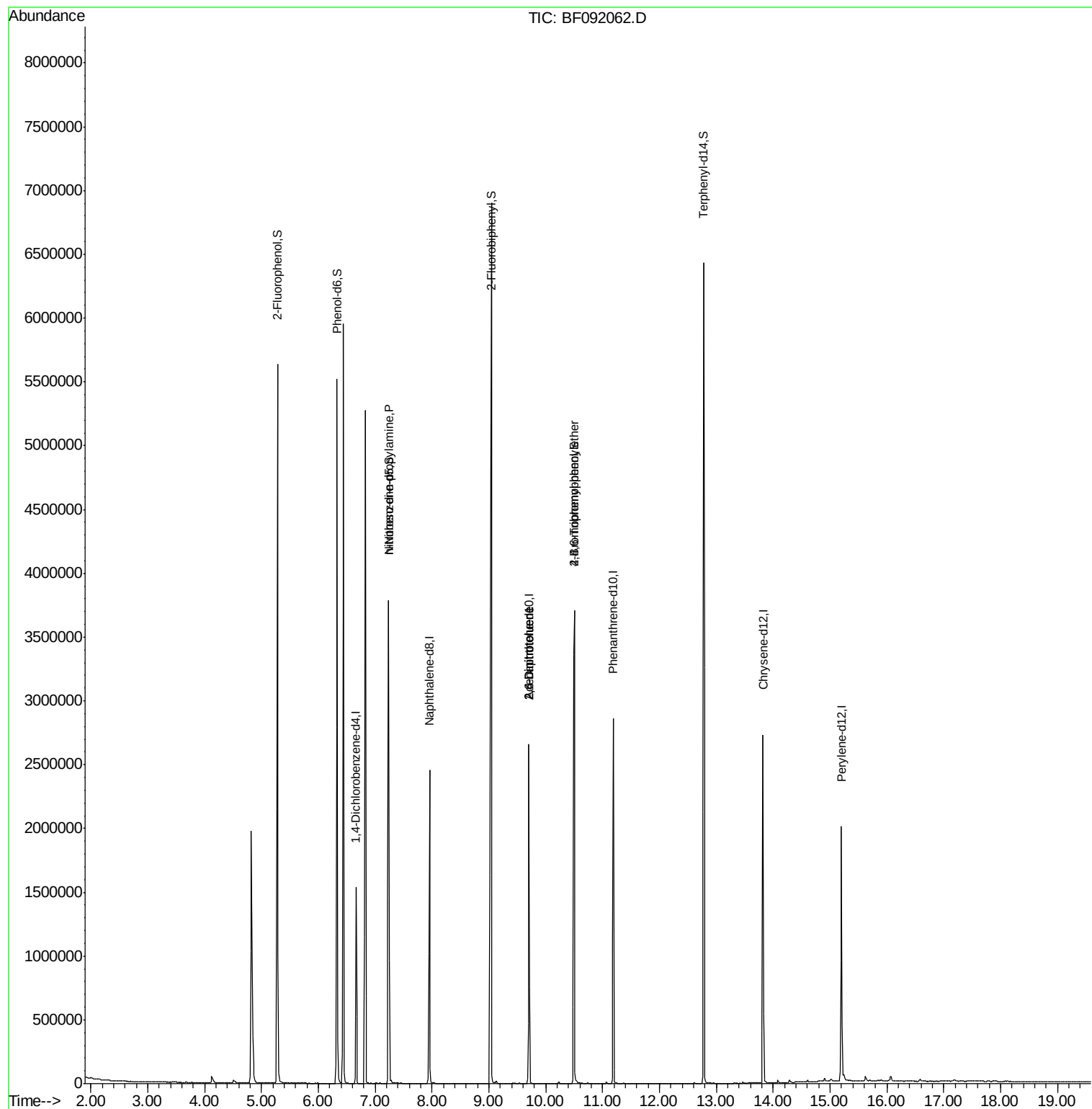
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	241180	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	1270053	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	637021	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	1131494	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	935020	20.00	ng	-0.05
86) Perylene-d12	15.20	264	880238	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1756613	121.61	ng	-0.04
7) Phenol-d6	6.33	99	2139450	121.32	ng	-0.05
23) Nitrobenzene-d5	7.24	82	1539471	67.40	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	688311	130.56	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	3108096	102.65	ng	-0.04
78) Terphenyl-d14	12.78	244	2755341	71.47	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	201657	17.19	ng	# 76
50) 2,6-Dinitrotoluene	9.70	165	83730	9.39	ng	# 31
56) 2,4-Dinitrotoluene	9.70	165	83732	7.48	ng	# 20
66) 4-Bromophenyl-phenylether	10.50	248	43800	3.72	ng	# 1
71) Anthracene	11.19	178	289	Below Cal		# 1
73) Di-n-butylphthalate	11.76	149	1329	Below Cal		# 76

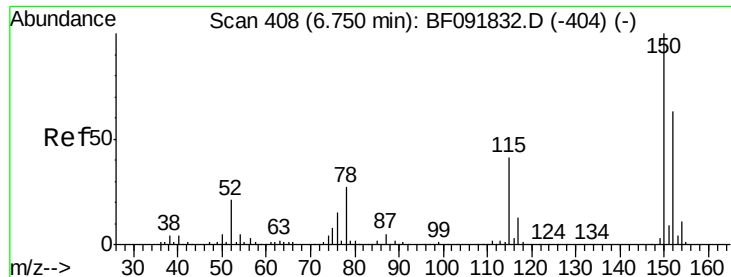
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092062.D

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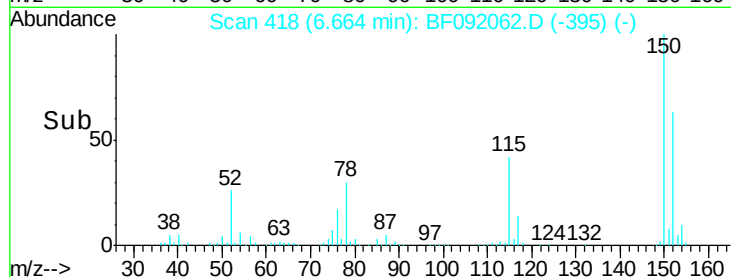
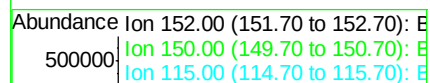
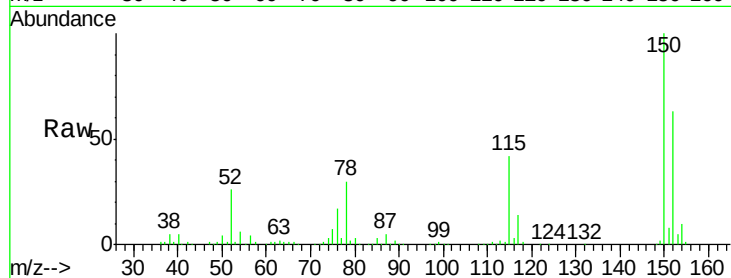
Tgt Ion:152 Resp: 241180

Ion Ratio Lower Upper

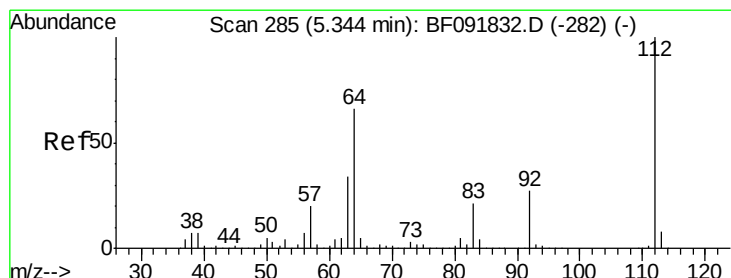
152 100

150 158.5 124.9 187.3

115 66.0 46.0 69.0



Time-->



#5

2-Fluorophenol

Concen: 121.61 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

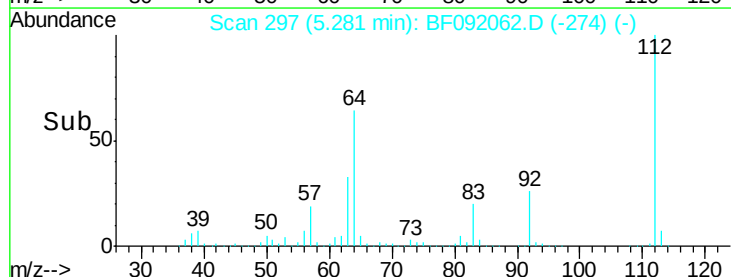
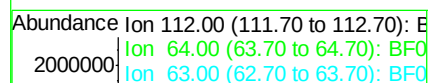
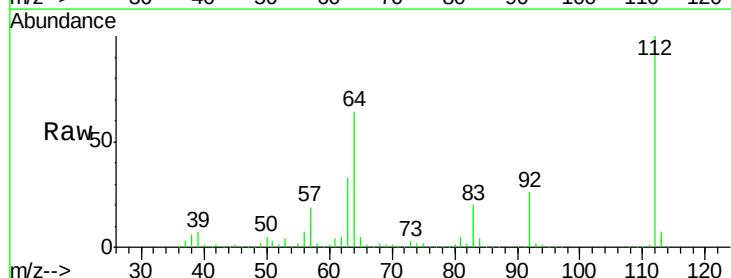
Tgt Ion:112 Resp: 1756613

Ion Ratio Lower Upper

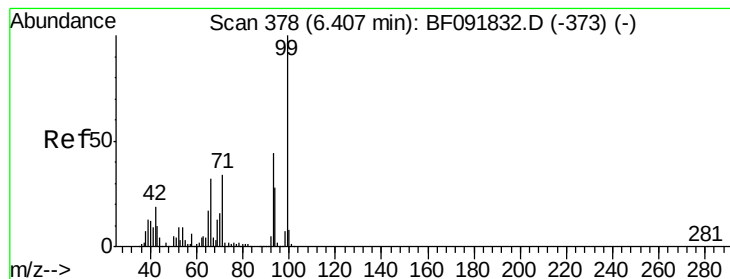
112 100

64 64.0 46.1 69.1

63 32.6 23.8 35.6



Time-->



#7

Phenol-d6

Concen: 121.32 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

Instrument :

BNA_F

ClientSampleId :

PB95719BL

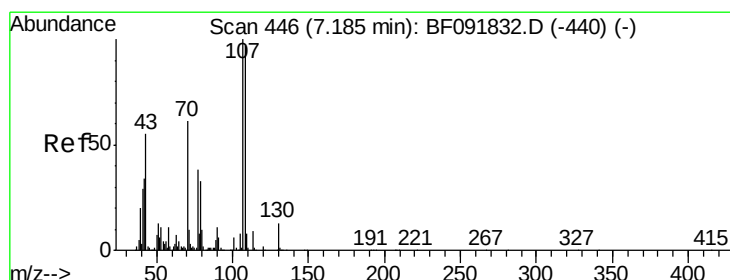
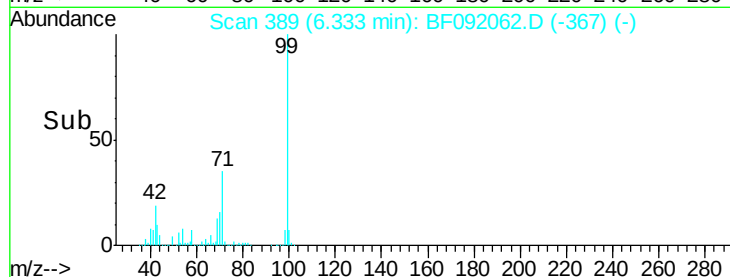
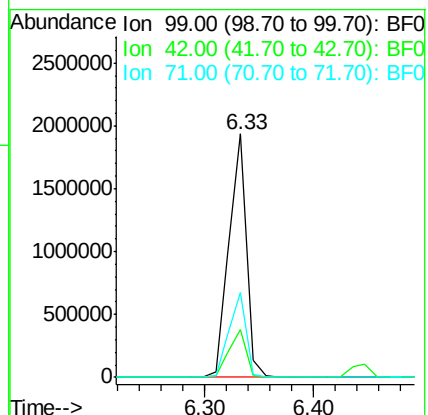
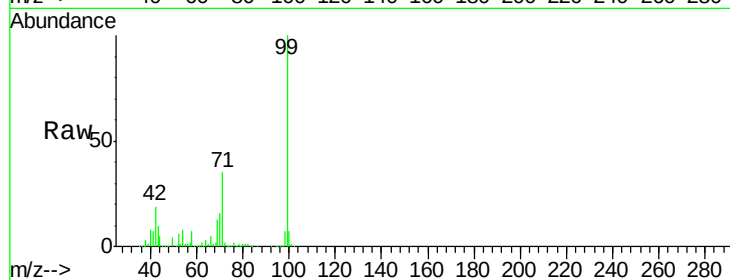
Tgt Ion: 99 Resp: 2139450

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

71 34.8 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.19 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

Tgt Ion: 70 Resp: 201657

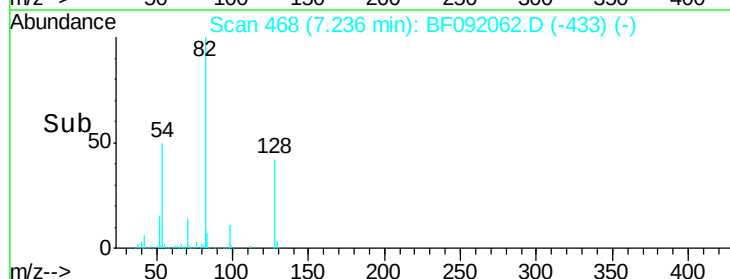
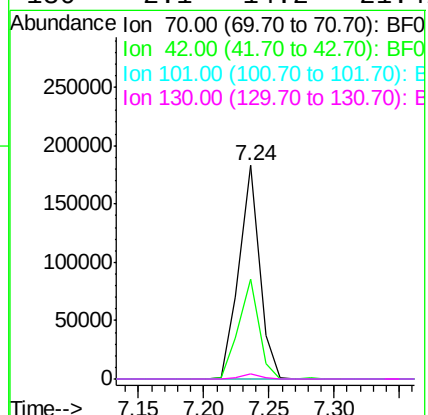
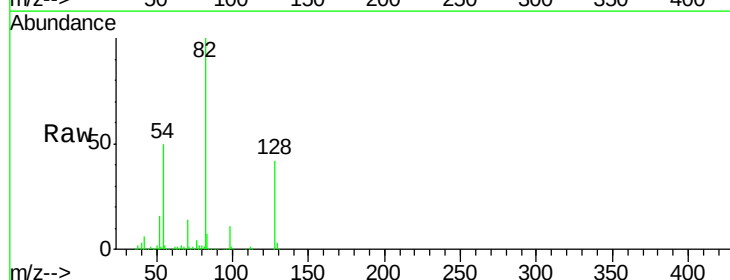
Ion Ratio Lower Upper

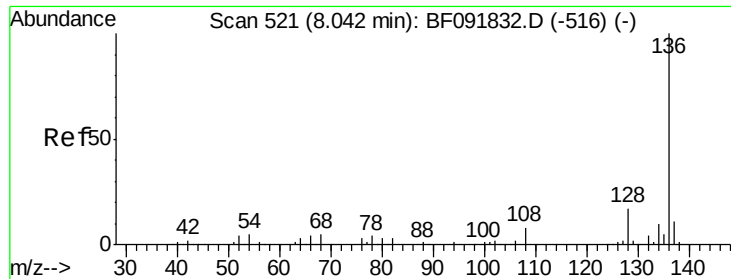
70 100

42 46.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

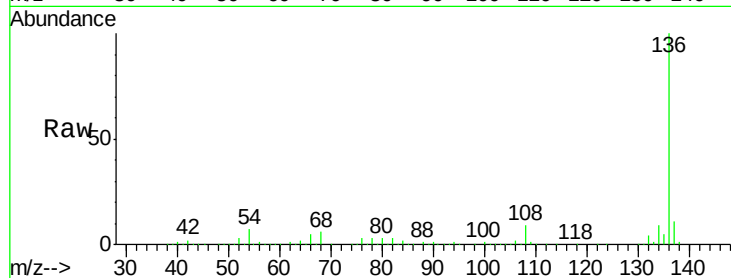




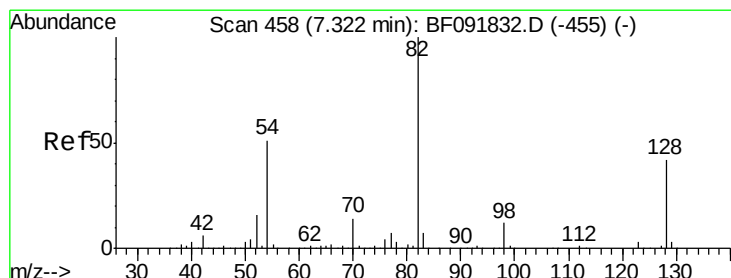
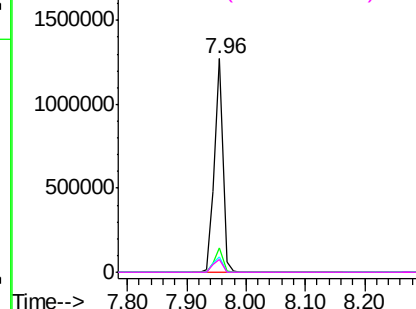
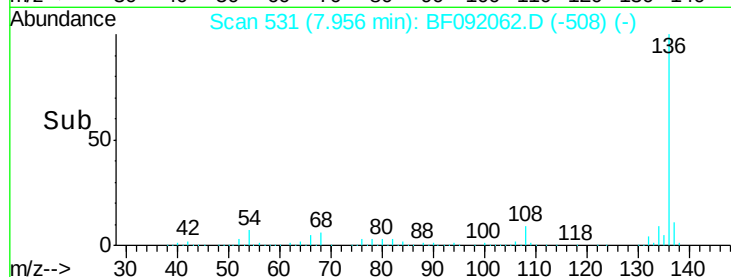
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092062.D
Acq: 3 Jan 2017 15:56

Instrument :
BNA_F
ClientSampleId :
PB95719BL

Tgt Ion: 136 Resp: 1270053
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.9 4.5 6.7#
68 5.9 3.6 5.4#

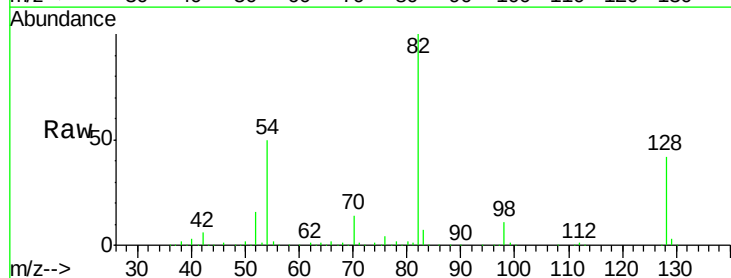


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

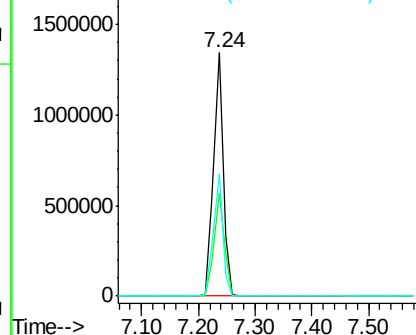
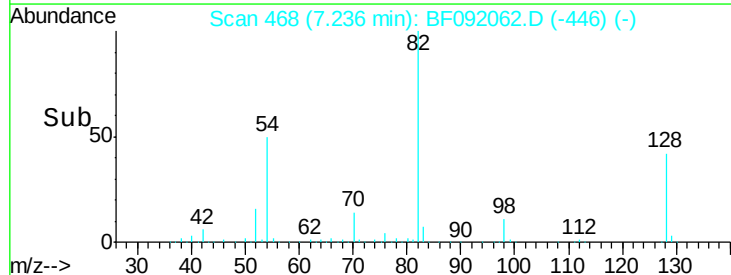


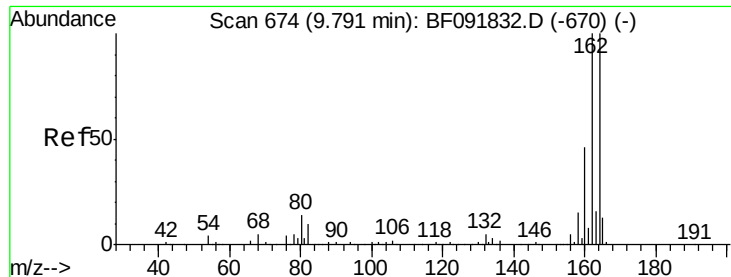
#23
Nitrobenzene-d5
Concen: 67.40 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092062.D
Acq: 3 Jan 2017 15:56

Tgt Ion: 82 Resp: 1539471
Ion Ratio Lower Upper
82 100
128 42.2 34.6 52.0
54 49.9 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: 9.70 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

Instrument :

BNA_F

ClientSampleId :

PB95719BL

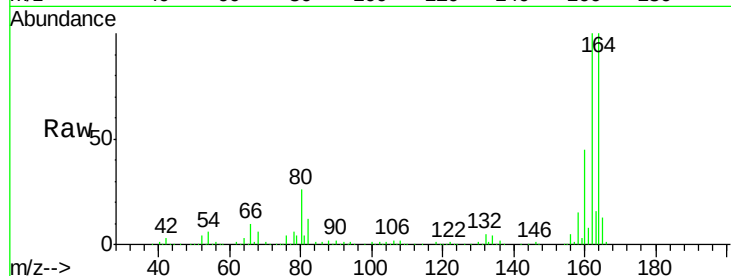
Tgt Ion:164 Resp: 637021

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

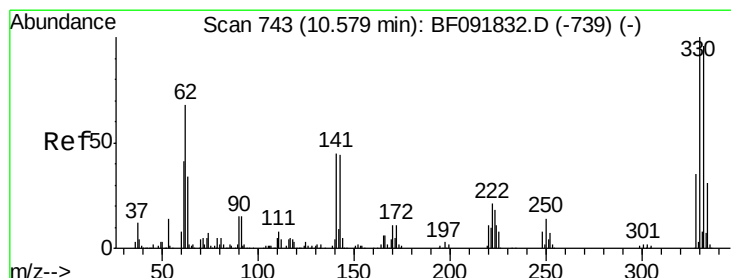
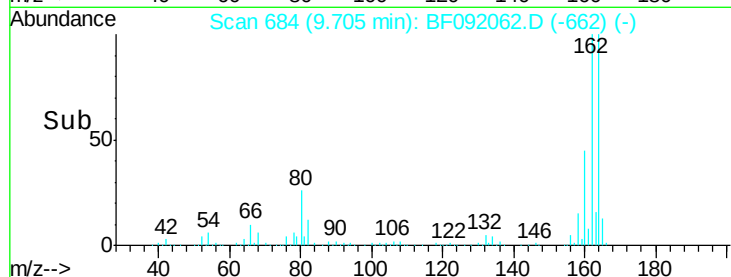
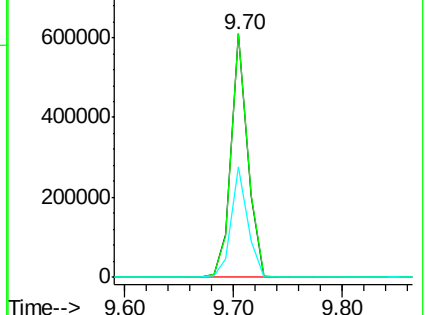
160 45.5 36.9 55.3



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: 130.56 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.04 min

Lab File: BF092062.D

Acq: 3 Jan 2017 15:56

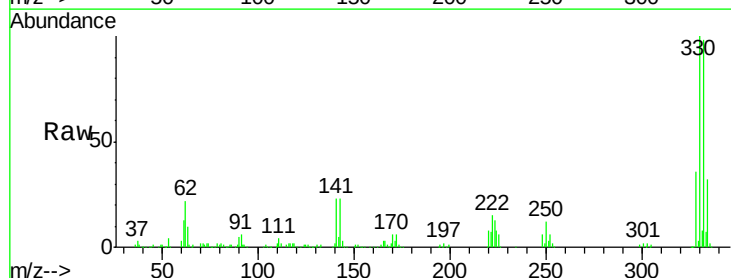
Tgt Ion:330 Resp: 688311

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

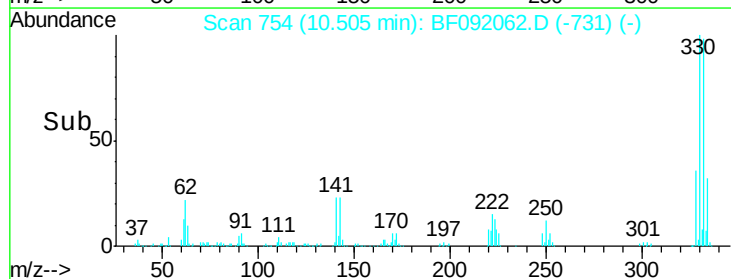
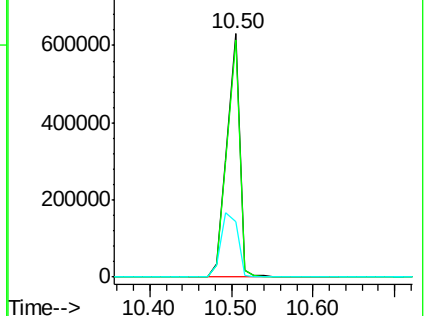
141 34.5 34.1 51.1

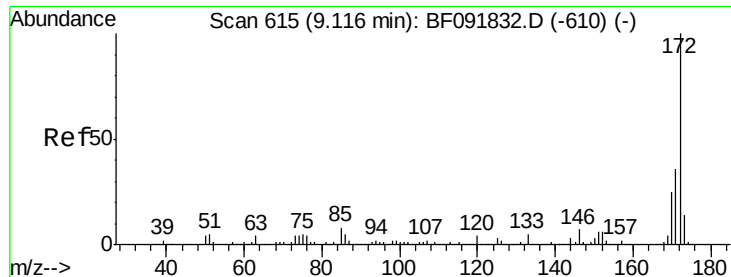


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

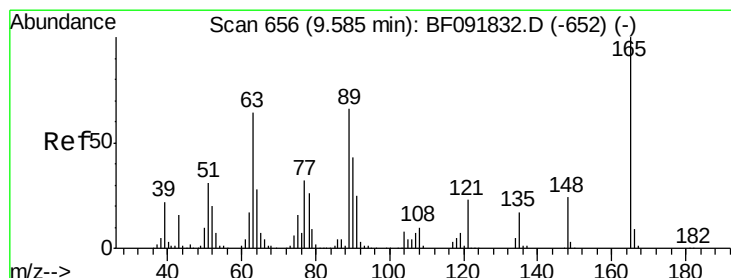
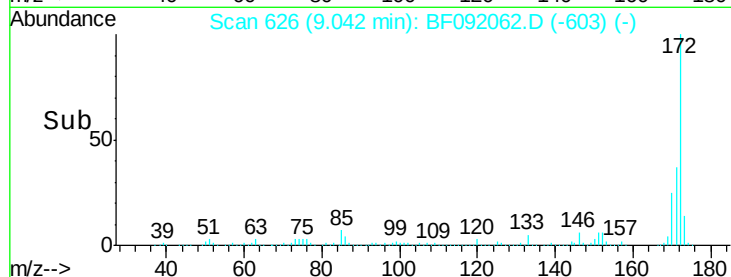
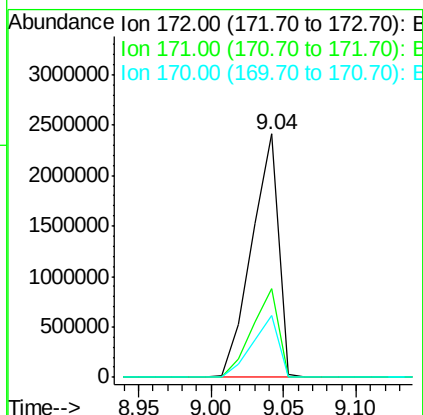
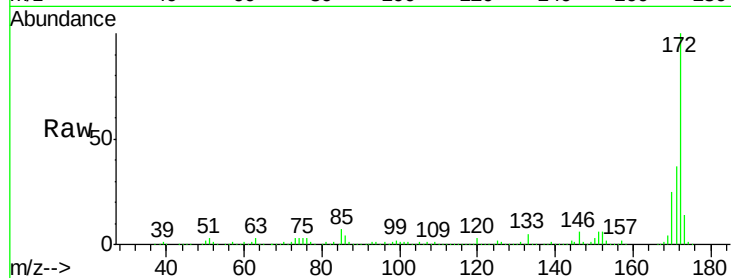




#44
 2-Fluorobiphenyl
 Concen: 102.65 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092062.D
 Acq: 3 Jan 2017 15:56

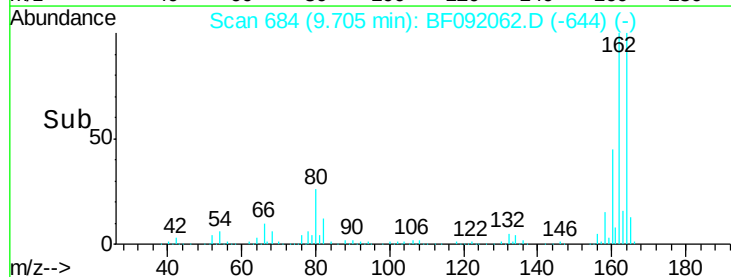
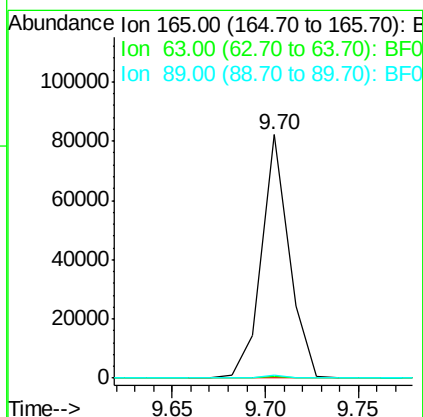
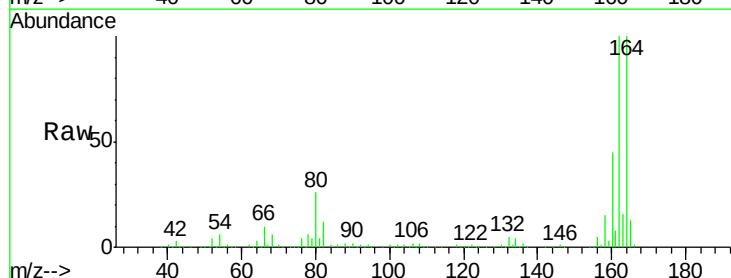
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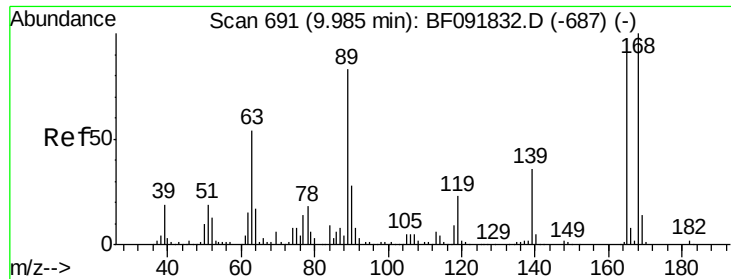
Tgt Ion:172 Resp: 3108096
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.2 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.39 ng
 RT: 9.70 min Scan# 684
 Delta R.T. 0.15 min
 Lab File: BF092062.D
 Acq: 3 Jan 2017 15:56

Tgt Ion:165 Resp: 83730
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 1.3 40.2 60.4#

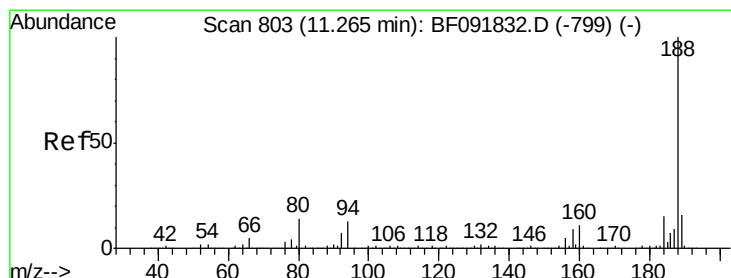
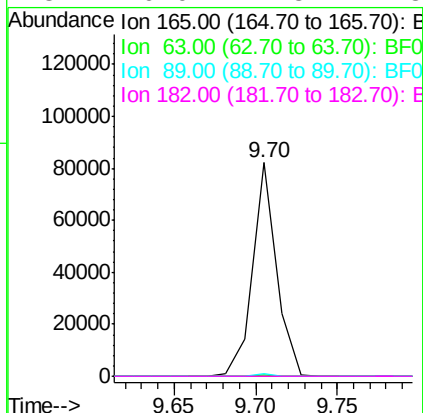
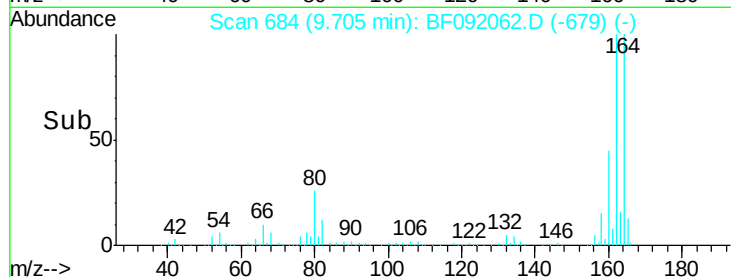
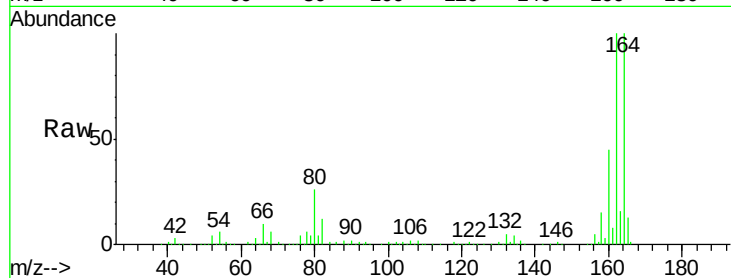




#56
 2,4-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.70 min Scan# 684
 Delta R.T. -0.25 min
 Lab File: BF092062.D
 Acq: 3 Jan 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB95719BL

Tgt Ion:165 Resp: 83732
 Ion Ratio Lower Upper
 165 100
 63 0.8 40.2 60.4#
 89 1.3 62.5 93.7#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.04 min
 Lab File: BF092062.D
 Acq: 3 Jan 2017 15:56

Tgt Ion:188 Resp: 1131494
 Ion Ratio Lower Upper
 188 100
 94 9.4 10.0 15.0#
 80 9.9 11.2 16.8#

