

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091572.D
 Acq On : 14 Dec 2016 1:30
 Operator : UM/SJ
 Sample : PB95263TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95263TB

Quant Time: Dec 14 04:15:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

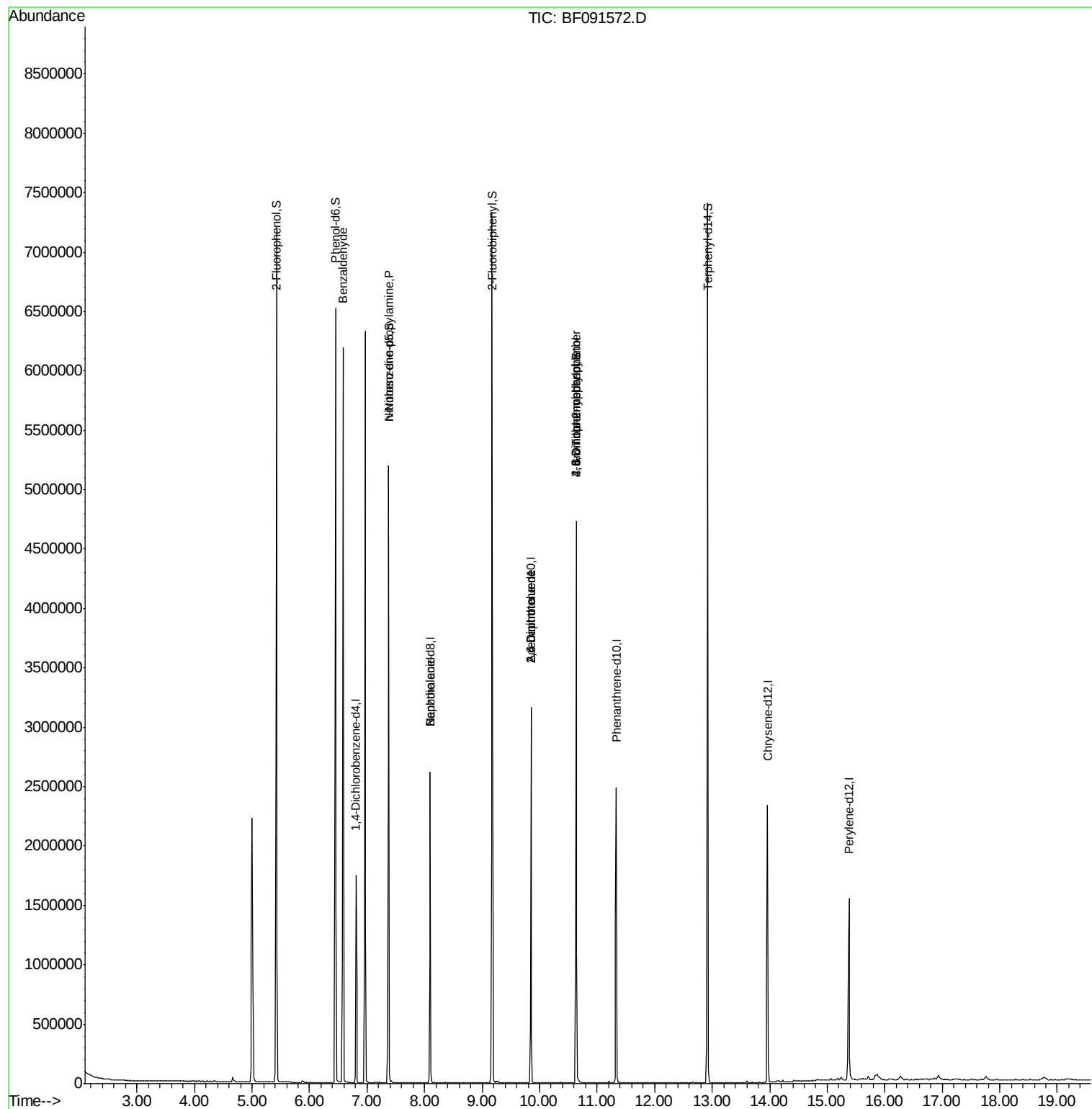
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	299908	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1309123	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	649773	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1095826	20.00	ng	0.00
75) Chrysene-d12	13.96	240	853126	20.00	ng	0.00
86) Perylene-d12	15.38	264	778790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2127803	119.53	ng	0.01
7) Phenol-d6	6.45	99	2649889	119.40	ng	0.00
23) Nitrobenzene-d5	7.38	82	1995742	85.09	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	593410	109.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2861304	76.09	ng	-0.01
78) Terphenyl-d14	12.92	244	2695464	71.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	54793	3.59	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.38	70	272683	19.65	ng	# 63
20) 3+4-Methylphenols	6.97	107	261	Below Cal	#	1
32) Benzoic acid	8.10	122	243	4.91	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	83614	9.26	ng	# 16
56) 2,4-Dinitrotoluene	9.85	165	83617	7.39	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.64	198	1276	3.12	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	35459	3.16	ng	# 1

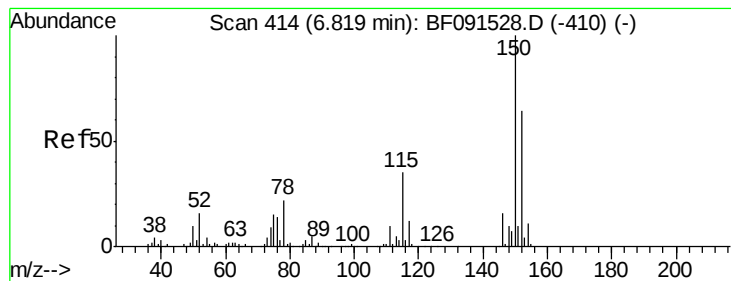
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95263TB

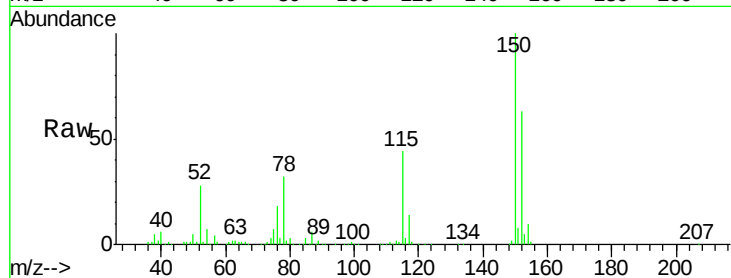
Tgt Ion:152 Resp: 299908

Ion Ratio Lower Upper

152 100

150 159.8 122.5 183.7

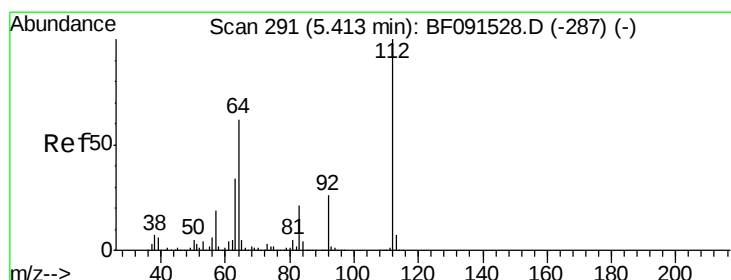
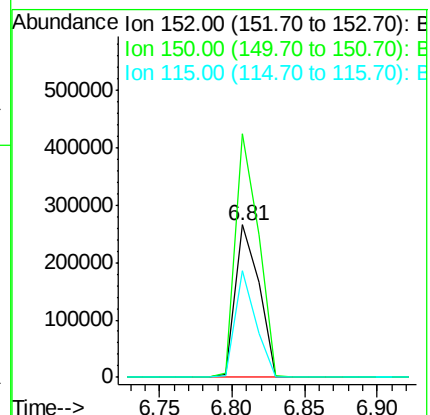
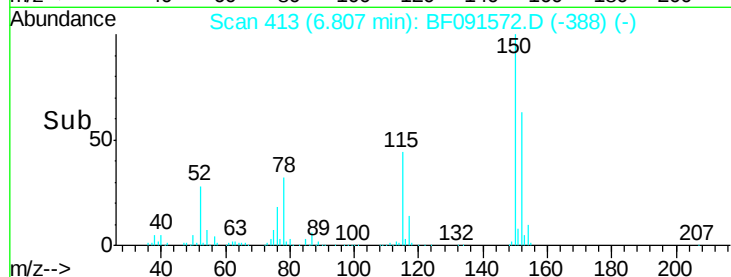
115 70.1 51.8 77.8



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: 119.53 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

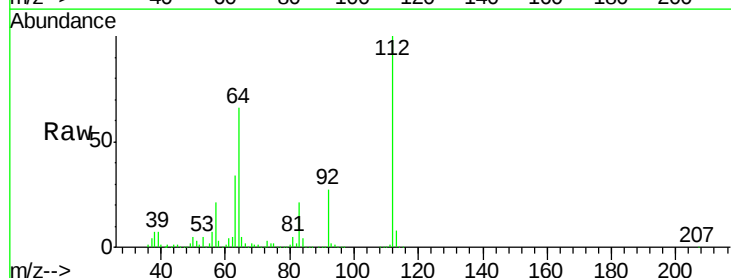
Tgt Ion:112 Resp: 2127803

Ion Ratio Lower Upper

112 100

64 65.7 61.5 92.3

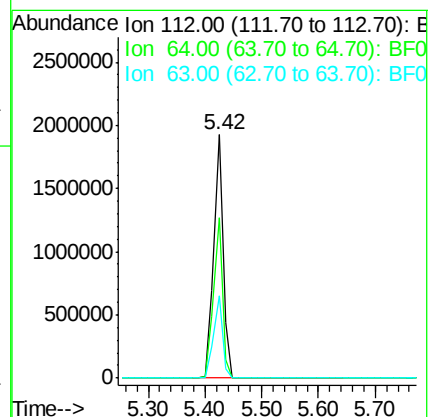
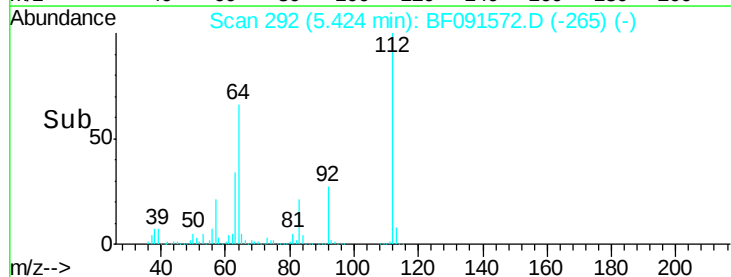
63 34.1 33.3 49.9

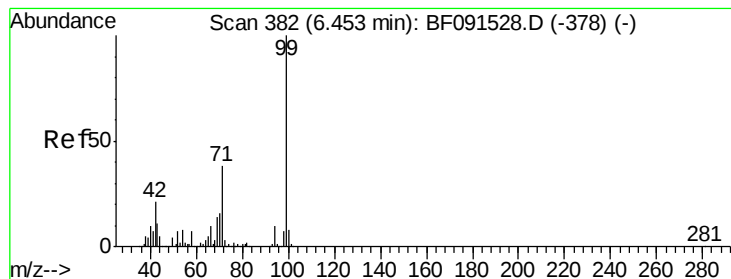


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.40 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Instrument :

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ClientSampleId :

PB95263TB

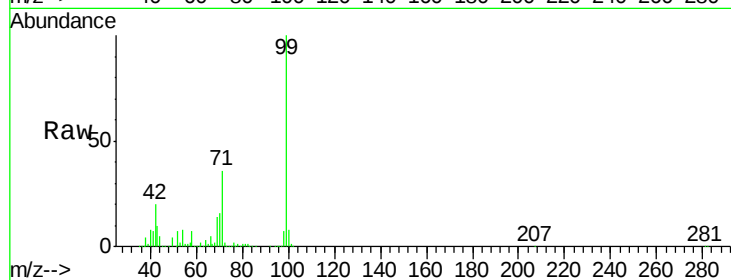
Tgt Ion: 99 Resp: 2649889

Ion Ratio Lower Upper

99 100

42 20.2 20.6 31.0#

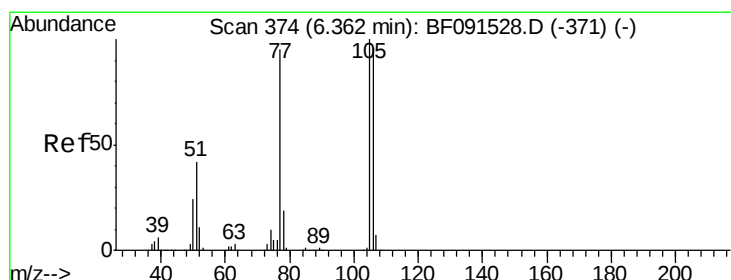
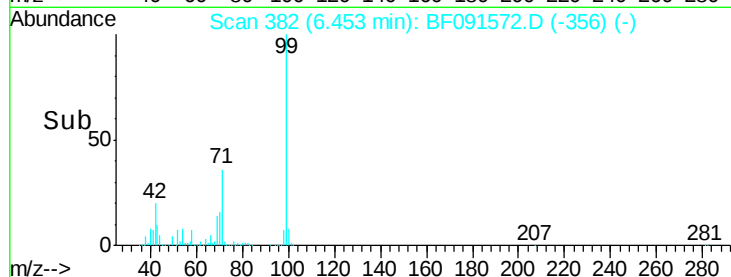
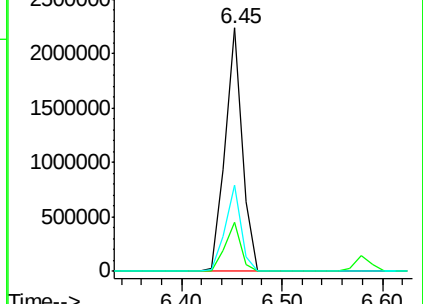
71 35.6 29.9 44.9



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: 3.59 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.22 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

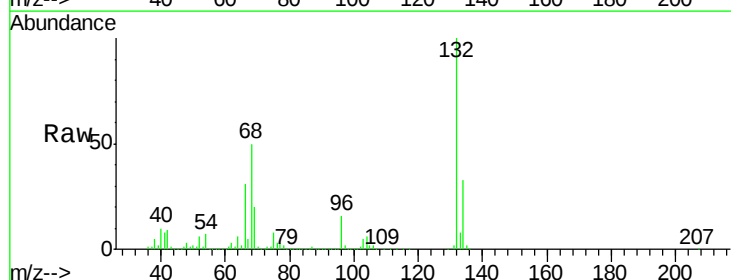
Tgt Ion: 77 Resp: 54793

Ion Ratio Lower Upper

77 100

105 75.1 66.4 106.4

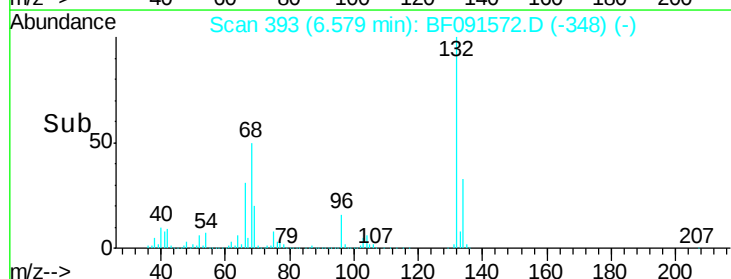
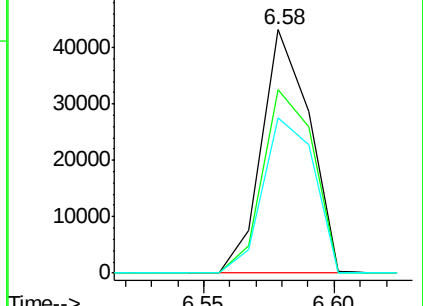
106 63.9 60.9 100.9

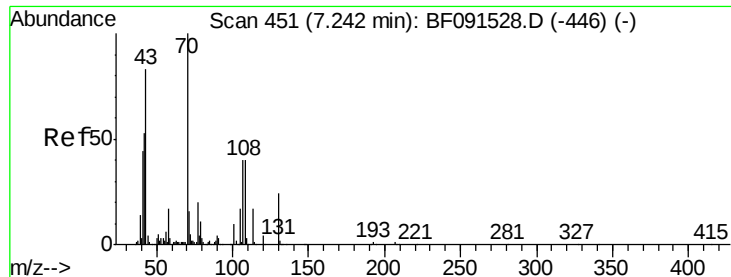


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

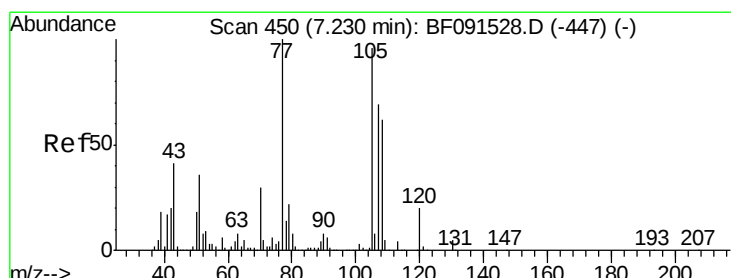
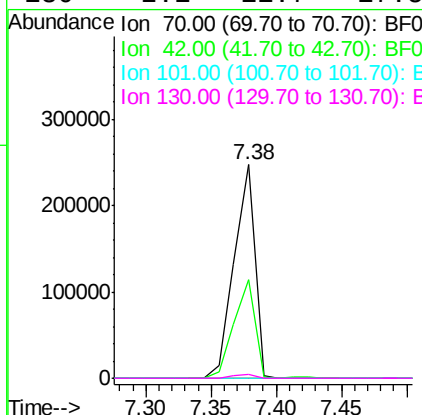
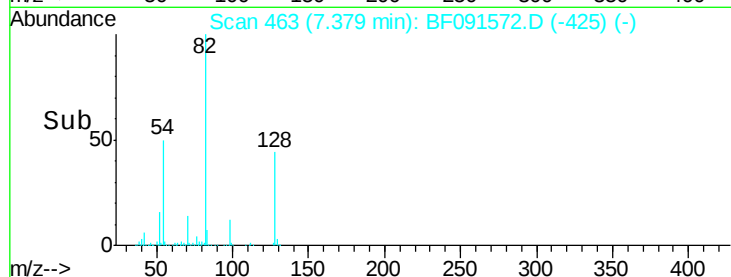
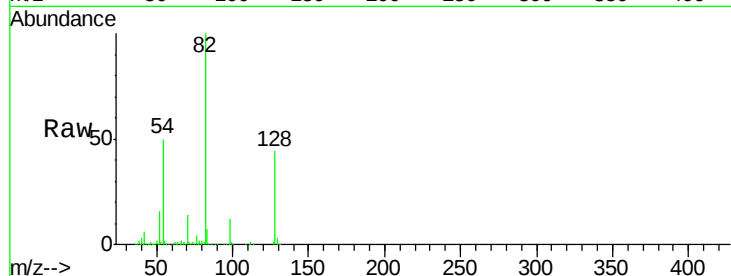




#19
n-Nitroso-di-n-propylamine
Concen: 19.65 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF091572.D
Acq: 14 Dec 2016 1:30

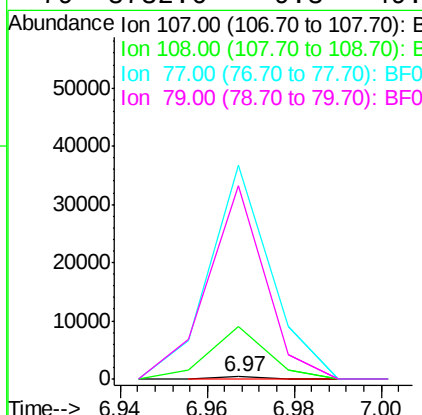
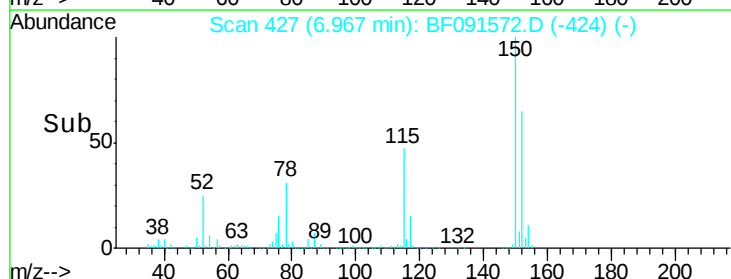
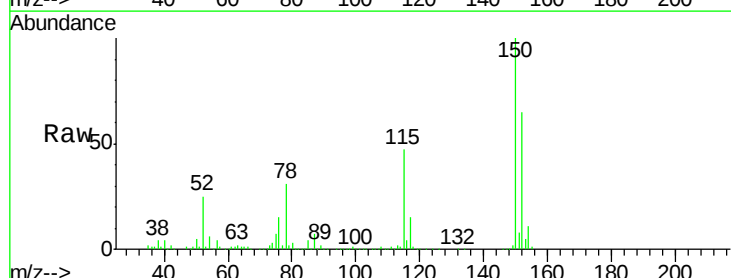
Instrument :
BNA_F
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PB95263TB

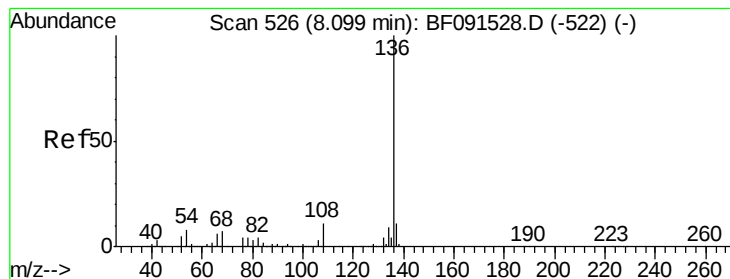
Tgt Ion: 70 Resp: 272683
Ion Ratio Lower Upper
70 100
42 46.2 64.8 97.2#
101 0.0 6.2 9.4#
130 2.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 6.97 min Scan# 427
Delta R.T. -0.26 min
Lab File: BF091572.D
Acq: 14 Dec 2016 1:30

Tgt Ion:107 Resp: 261
Ion Ratio Lower Upper
107 100
108 2349.2 64.6 104.6#
77 9661.1 30.9 70.9#
79 8732.6 9.3 49.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95263TB

Tgt Ion:136 Resp: 1309123

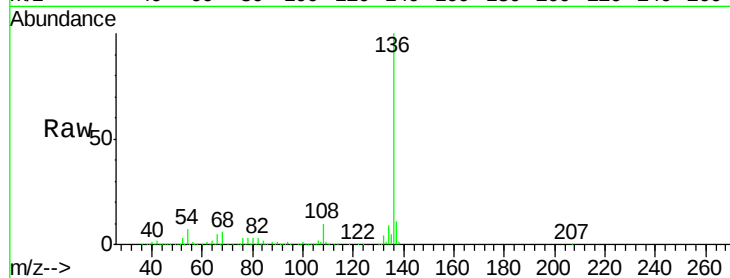
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.0 9.1 13.7#

68 5.9 5.9 8.9#

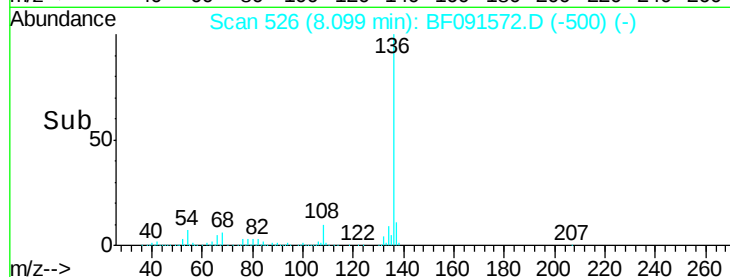


Abundance Ion 136.00 (135.70 to 136.70): E

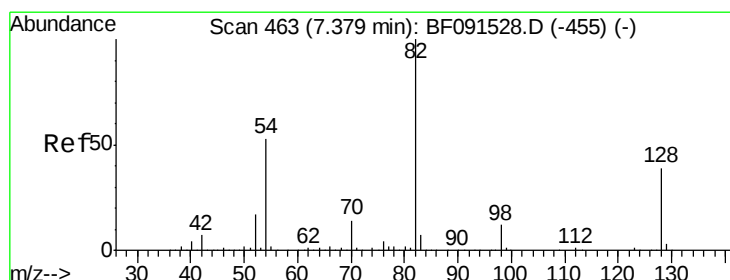
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 85.09 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

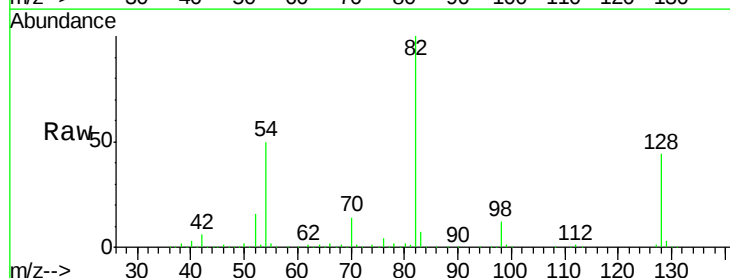
Tgt Ion: 82 Resp: 1995742

Ion Ratio Lower Upper

82 100

128 43.7 31.8 47.6

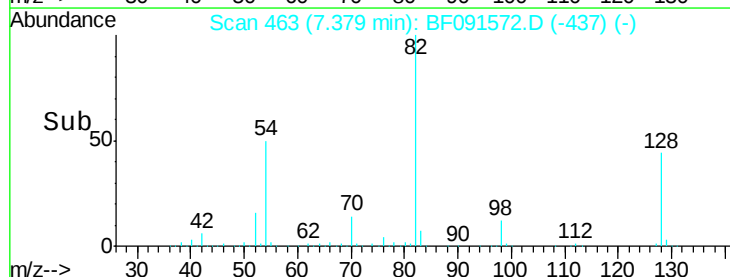
54 49.7 49.1 73.7



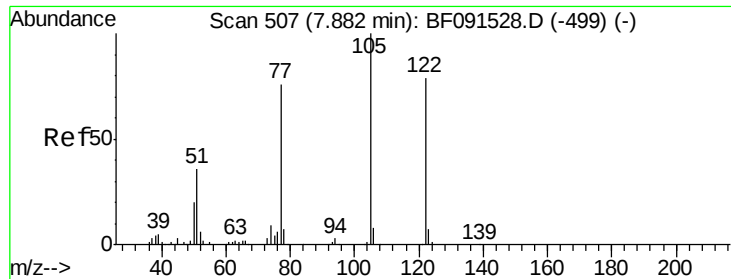
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



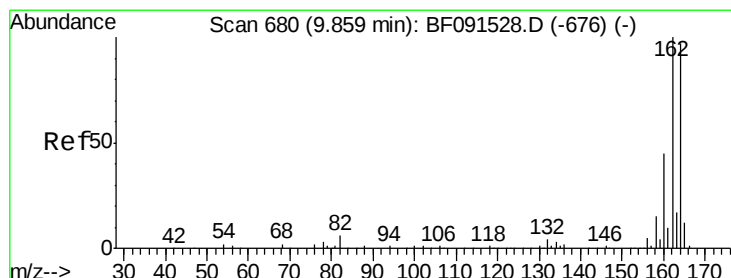
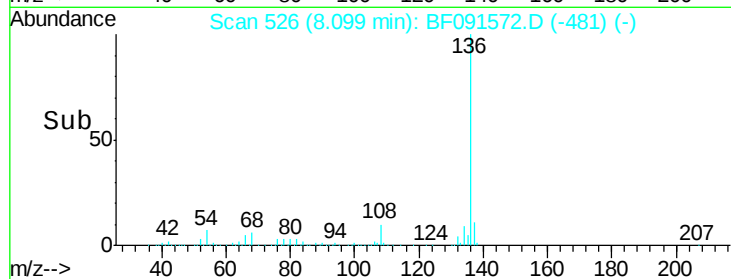
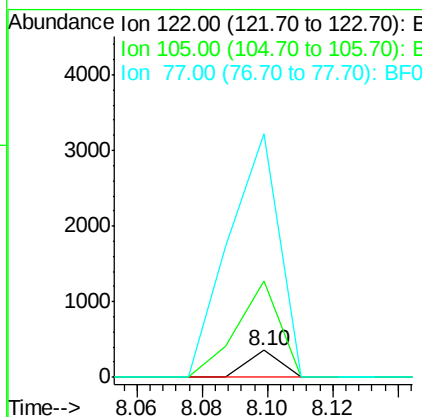
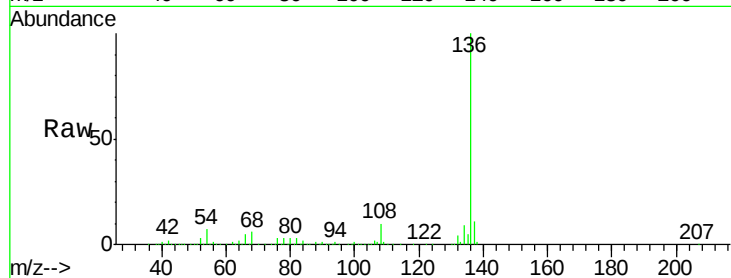
Time-->



#32
Benzoic acid
Concen: 4.91 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.22 min
Lab File: BF091572.D
Acq: 14 Dec 2016 1:30

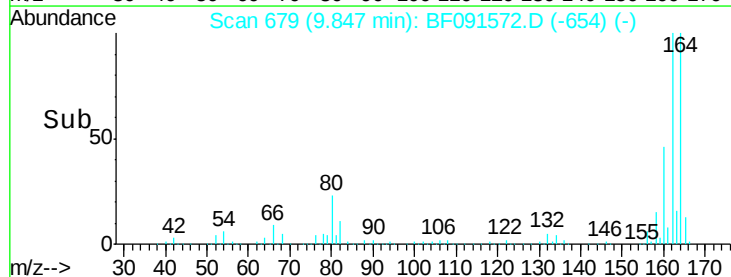
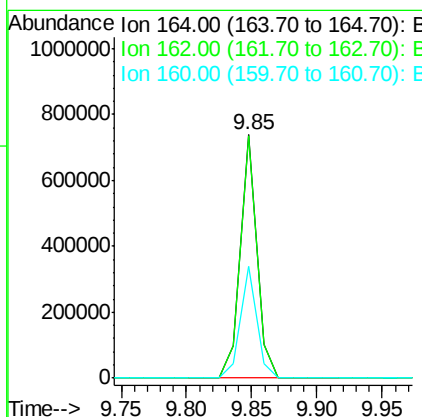
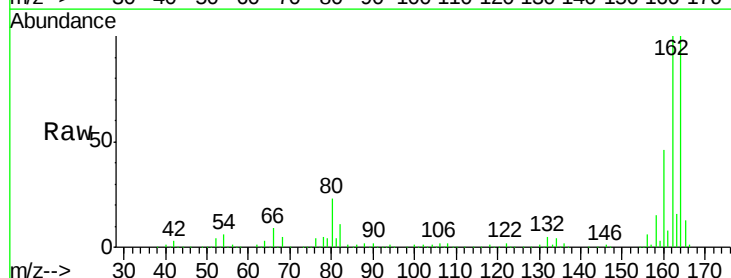
Instrument :
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PB95263TB

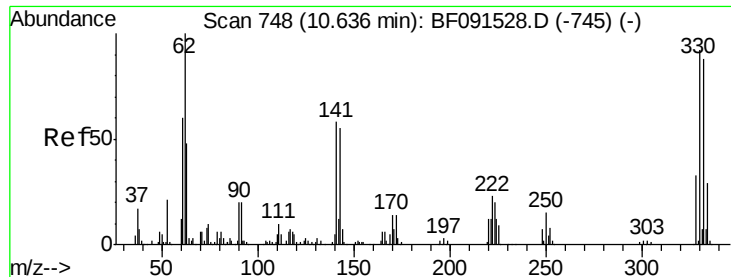
Tgt Ion:122 Resp: 243
Ion Ratio Lower Upper
122 100
105 361.1 113.0 153.0#
77 907.0 82.0 122.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091572.D
Acq: 14 Dec 2016 1:30

Tgt Ion:164 Resp: 649773
Ion Ratio Lower Upper
164 100
162 99.6 82.6 124.0
160 45.9 36.7 55.1

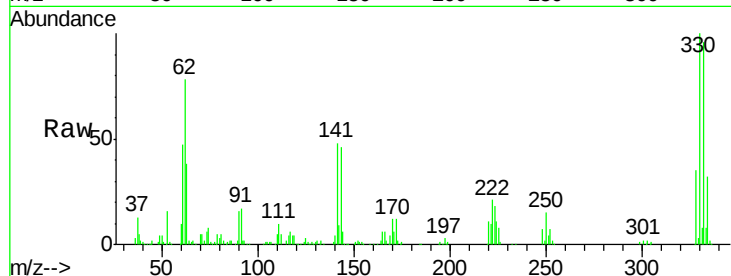




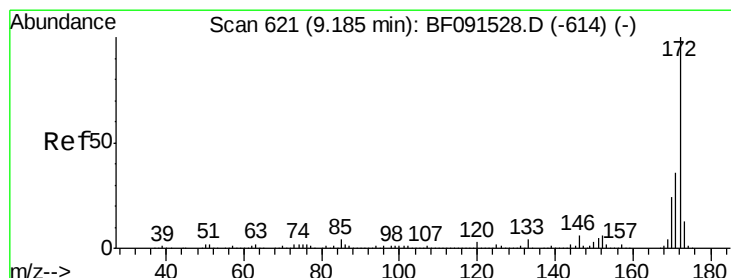
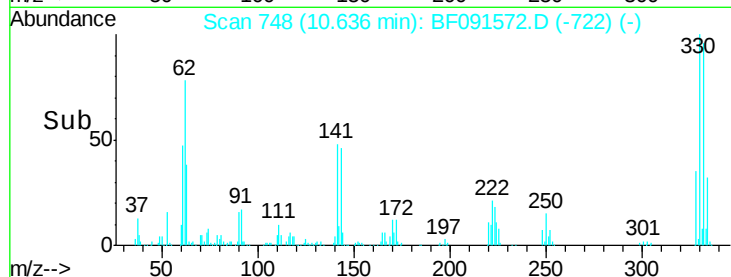
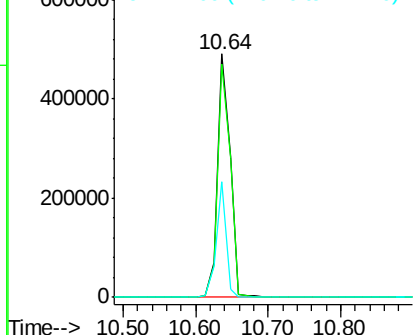
#41
 2,4,6-Tribromophenol
 Concen: 109.95 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091572.D
 Acq: 14 Dec 2016 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95263TB

Tgt Ion:330 Resp: 593410
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 37.1 33.6 50.4

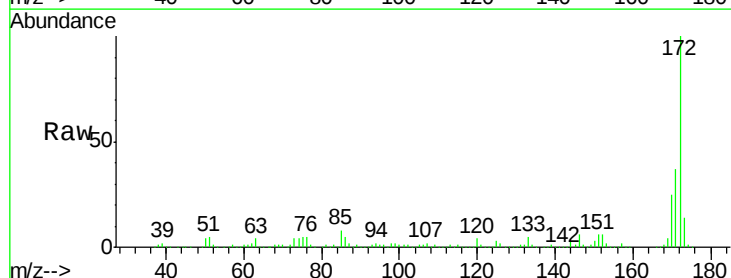


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

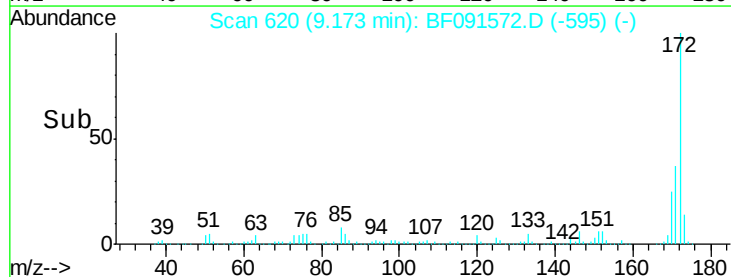
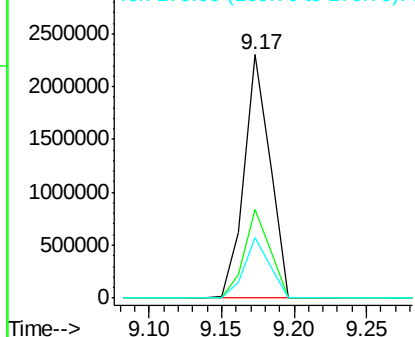


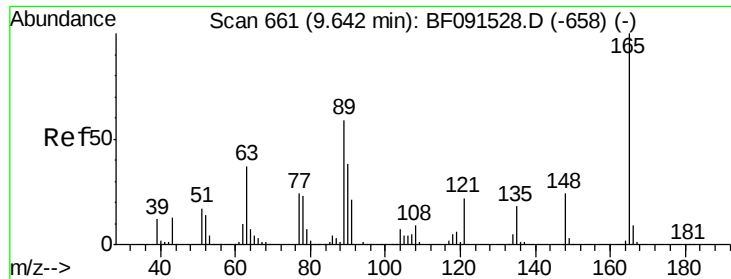
#44
 2-Fluorobiphenyl
 Concen: 76.09 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091572.D
 Acq: 14 Dec 2016 1:30

Tgt Ion:172 Resp: 2861304
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.9 19.7 29.5



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

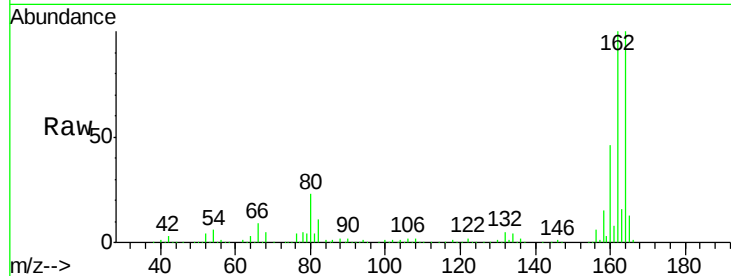




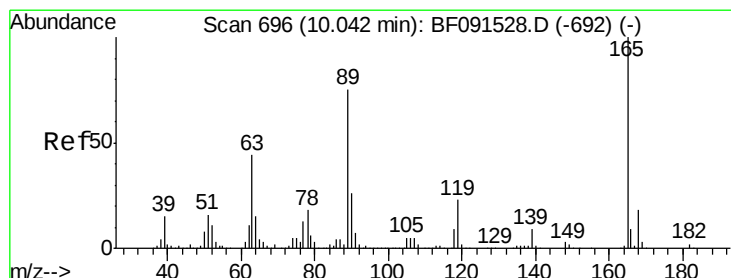
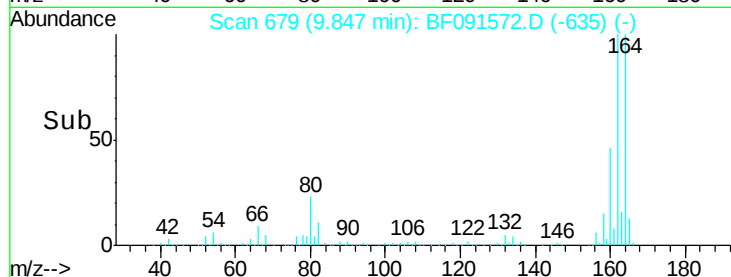
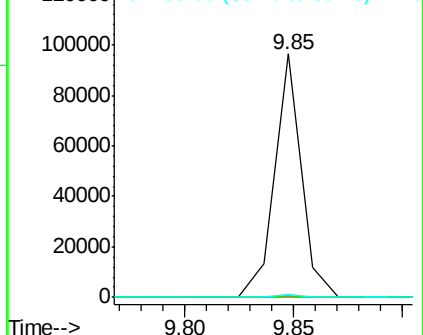
#50
 2,6-Dinitrotoluene
 Concen: 9.26 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.21 min
 Lab File: BF091572.D
 Acq: 14 Dec 2016 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95263TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	59.4	89.0#
89	1.1	50.8	76.2#



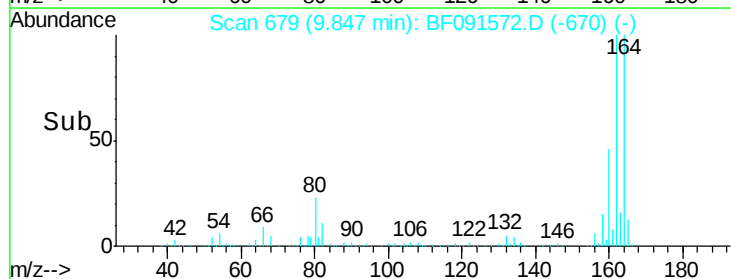
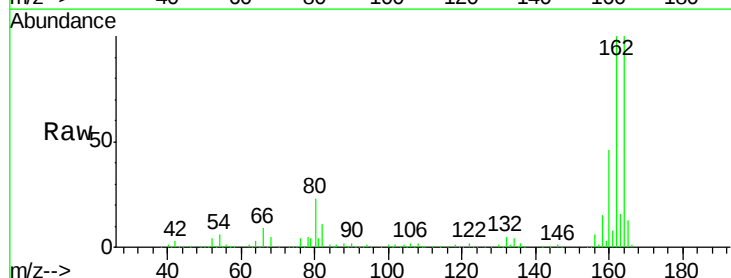
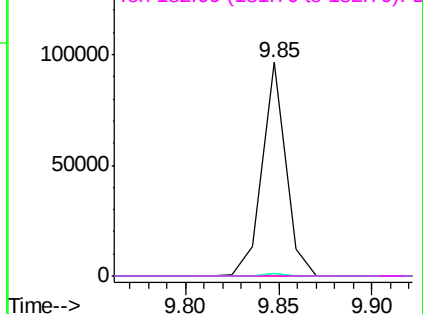
Abundance Ion 165.00 (164.70 to 165.70): E

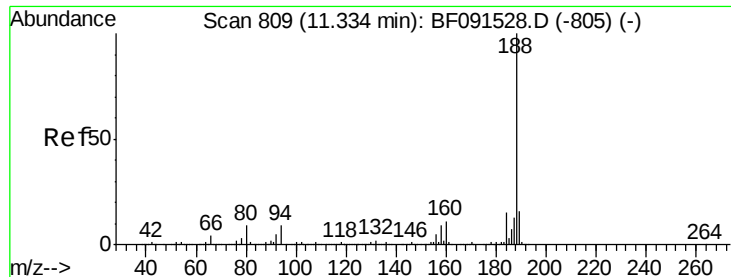


#56
 2,4-Dinitrotoluene
 Concen: 7.39 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.19 min
 Lab File: BF091572.D
 Acq: 14 Dec 2016 1:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#

Abundance Ion 165.00 (164.70 to 165.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95263TB

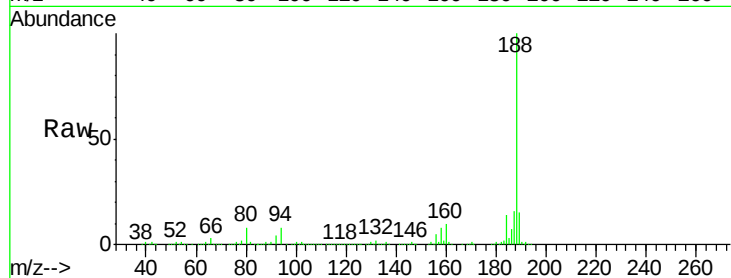
Tgt Ion:188 Resp: 1095826

Ion Ratio Lower Upper

188 100

94 8.1 9.2 13.8#

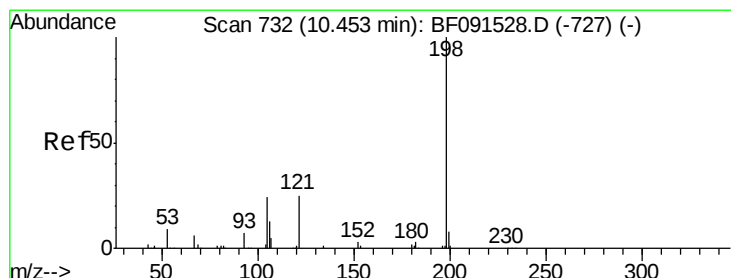
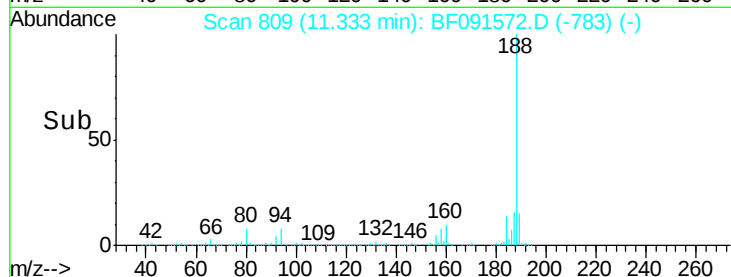
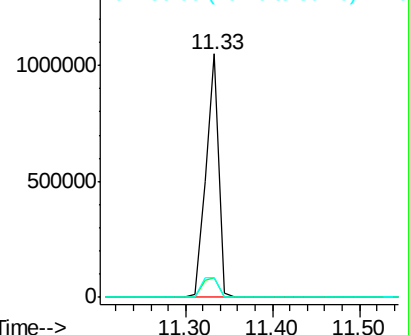
80 8.0 10.5 15.7#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 3.12 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.18 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

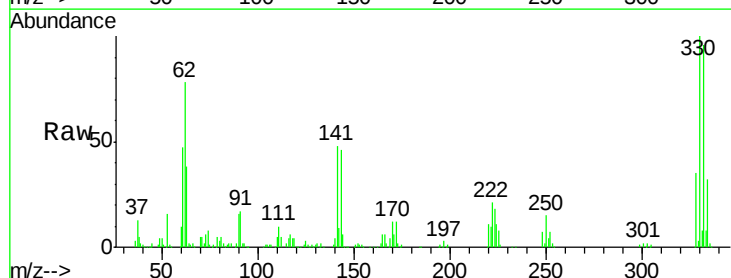
Tgt Ion:198 Resp: 1276

Ion Ratio Lower Upper

198 100

51 198.0 77.1 117.1#

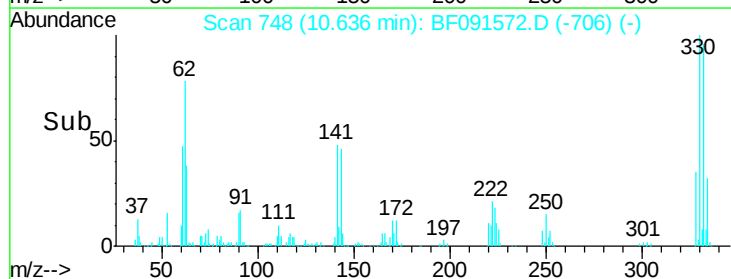
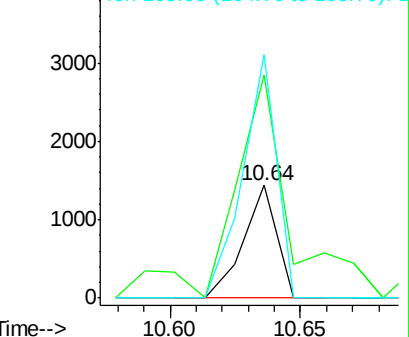
105 216.2 44.8 84.8#

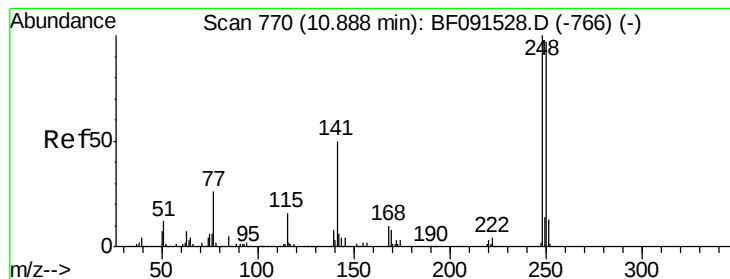


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.16 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95263TB

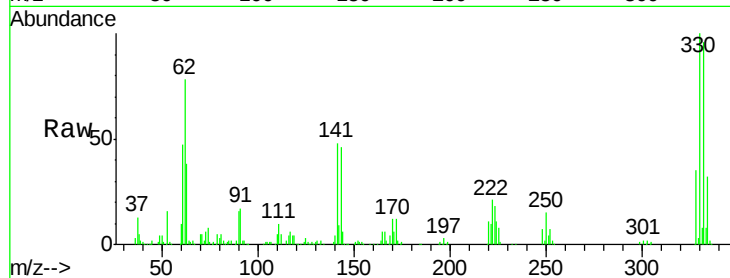
Tgt Ion:248 Resp: 35459

Ion Ratio Lower Upper

248 100

250 205.0 78.2 117.4#

141 652.3 71.9 107.9#

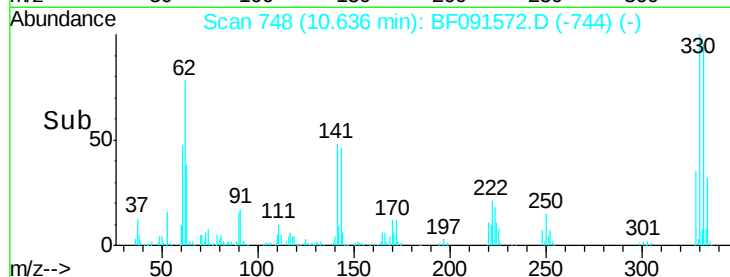


Abundance Ion 248.00 (247.70 to 248.70): E

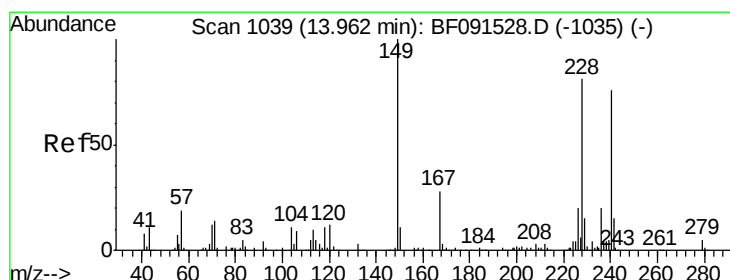
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

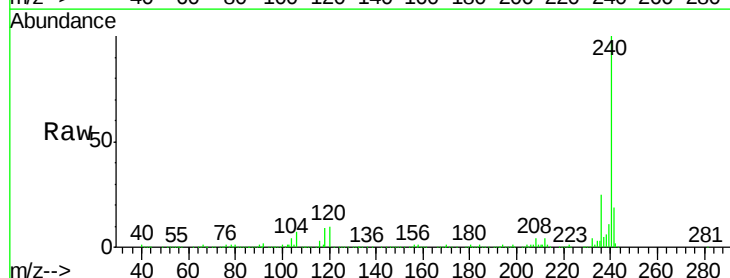
Tgt Ion:240 Resp: 853126

Ion Ratio Lower Upper

240 100

120 10.4 12.1 18.1#

236 25.5 21.0 31.6

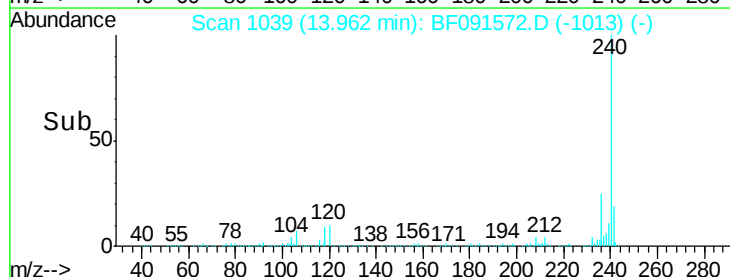


Abundance Ion 240.00 (239.70 to 240.70): E

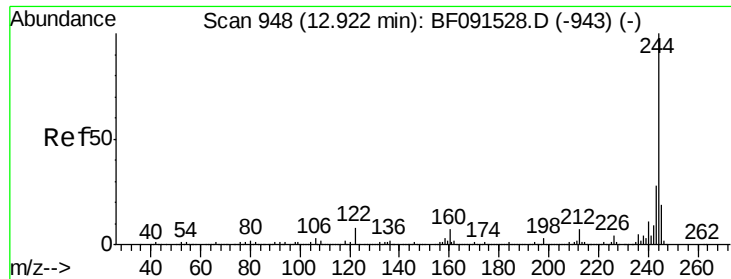
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



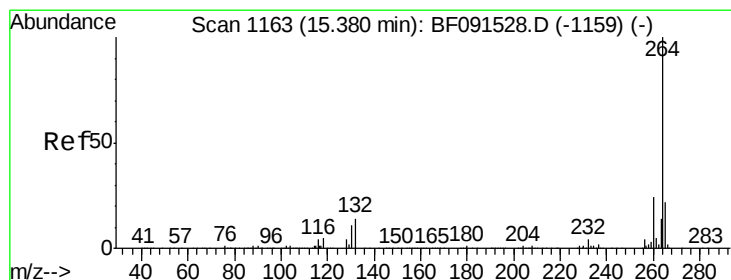
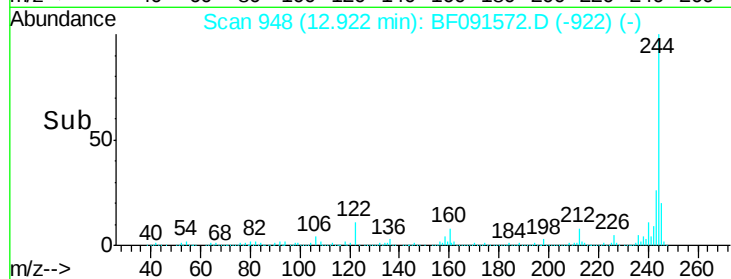
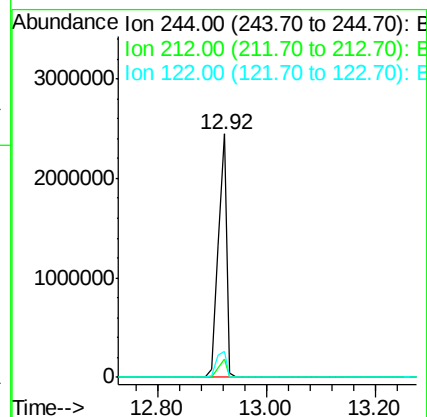
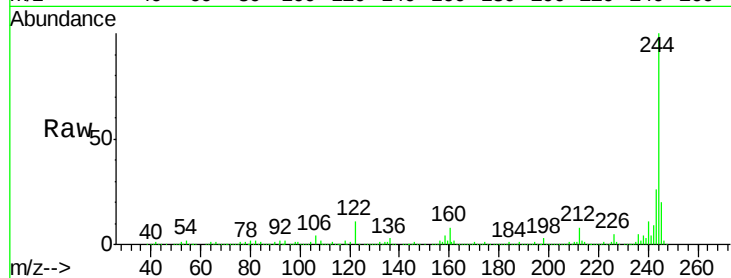
Time-->



#78
 Terphenyl-d14
 Concen: 71.69 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF091572.D
 Acq: 14 Dec 2016 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95263TB

Tgt Ion:244 Resp: 2695464
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 10.7 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091572.D
 Acq: 14 Dec 2016 1:30

Tgt Ion:264 Resp: 778790
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.7 17.0 25.6

