

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091282.D
 Acq On : 23 Nov 2016 18:39
 Operator : UM/SJ
 Sample : H5718-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

Quant Time: Nov 23 23:59:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

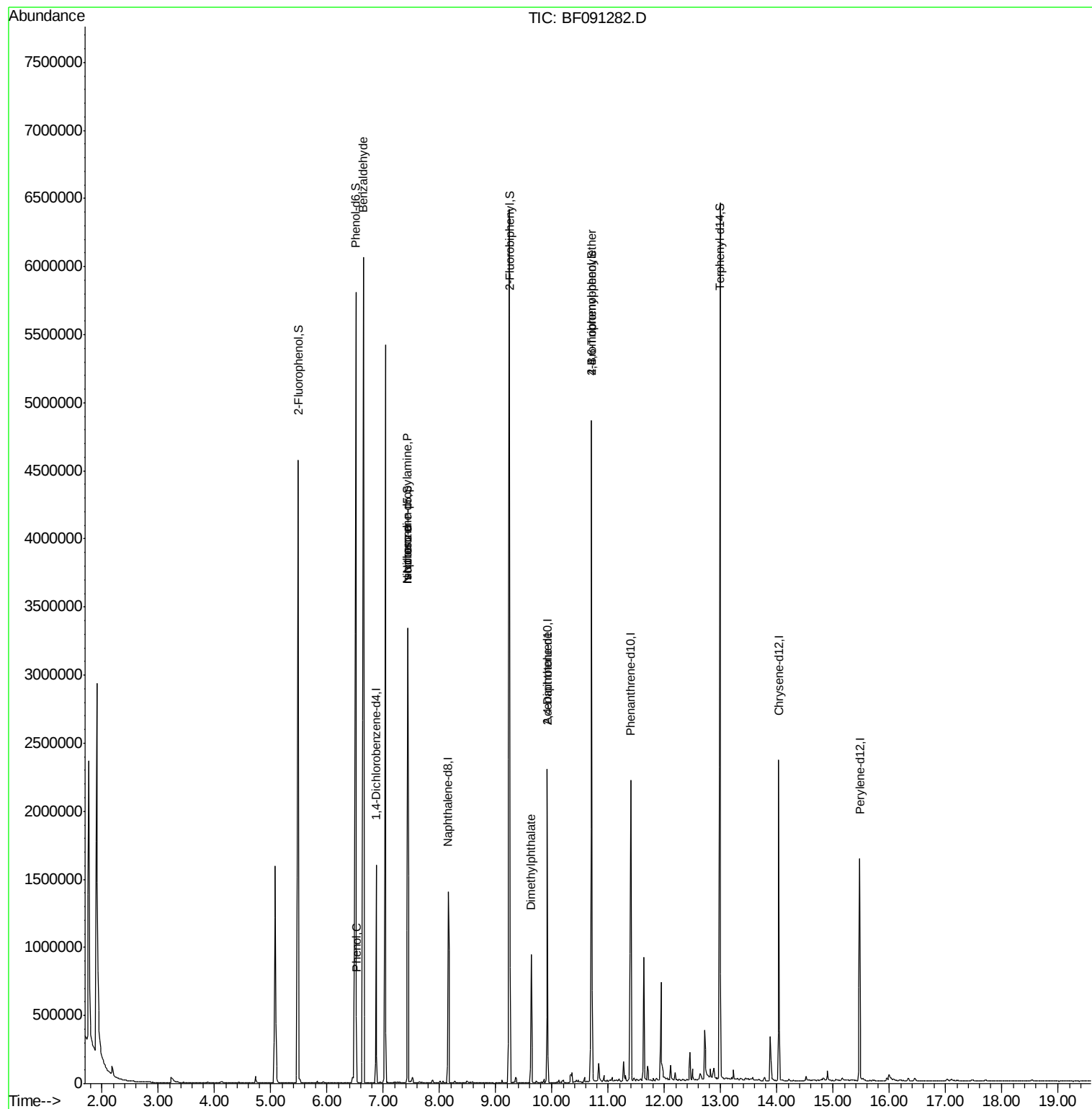
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	206941	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	833609	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	500156	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	899367	20.00	ng	0.00
75) Chrysene-d12	14.03	240	816456	20.00	ng	-0.01
86) Perylene-d12	15.47	264	748304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1850400	143.67	ng	0.02
7) Phenol-d6	6.51	99	2207356	133.39	ng	0.01
23) Nitrobenzene-d5	7.44	82	1311625	90.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	638078	126.51	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2245302	73.51	ng	0.00
78) Terphenyl-d14	12.99	244	2154167	60.26	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	43857	3.76	ng	83
10) Phenol	6.52	94	131576	7.13	ng	76
19) n-Nitroso-di-n-propylamine	7.44	70	177538	17.10	ng	# 76
25) Isophorone	7.44	82	1063581	39.32	ng	# 67
49) Dimethylphthalate	9.63	163	387471	12.41	ng	98
56) 2,4-Dinitrotoluene	9.92	165	64696	7.49	ng	# 33
66) 4-Bromophenyl-phenylether	10.70	248	37695	3.83	ng	# 1

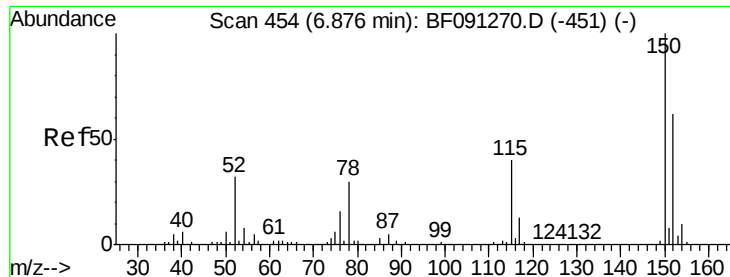
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

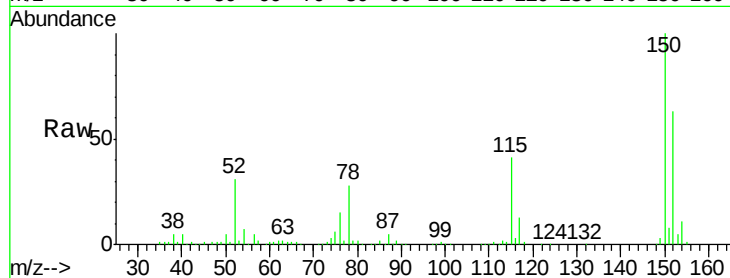
Tgt Ion:152 Resp: 206941

Ion Ratio Lower Upper

152 100

150 158.9 122.5 183.7

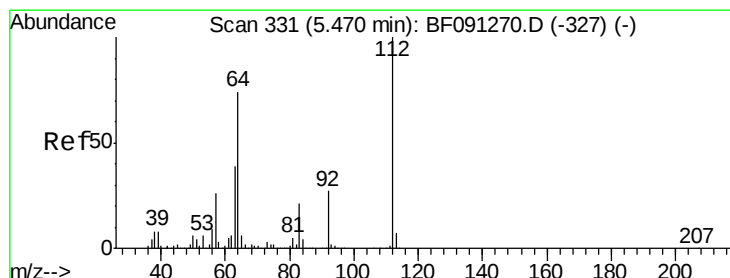
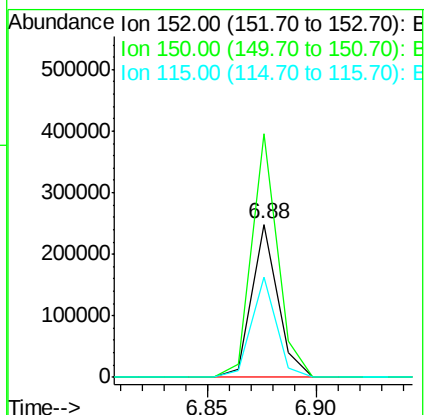
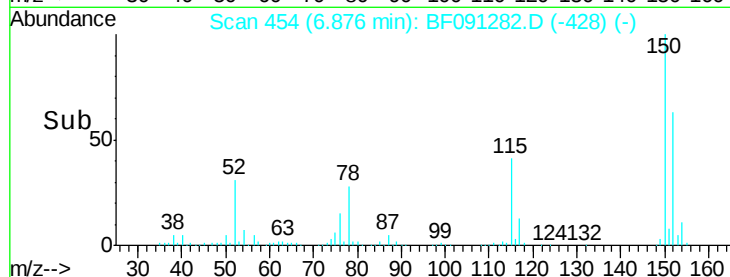
115 65.4 51.8 77.8



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: 143.67 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

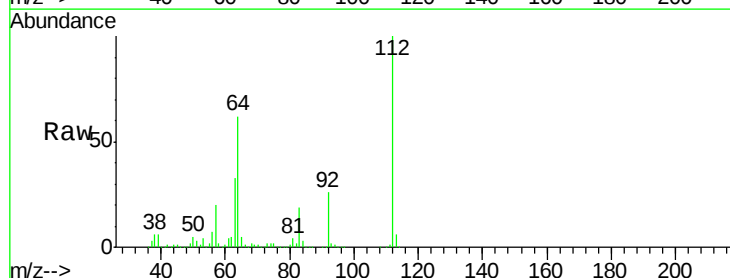
Tgt Ion:112 Resp: 1850400

Ion Ratio Lower Upper

112 100

64 62.3 61.5 92.3

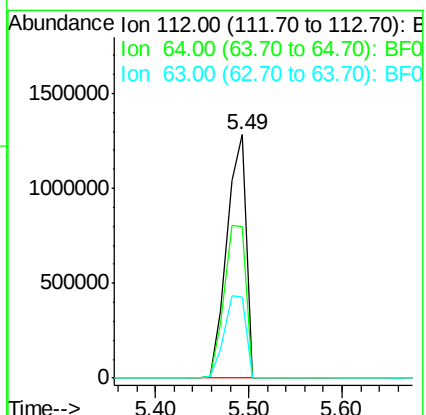
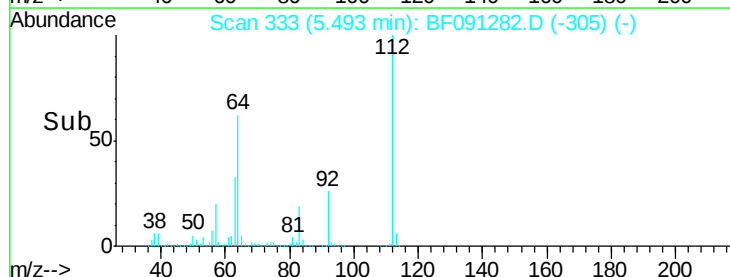
63 33.1 33.3 49.9#

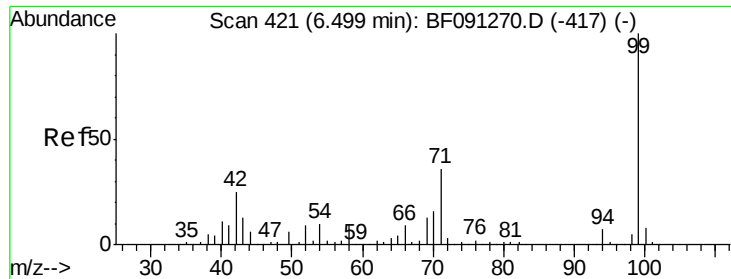


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.39 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

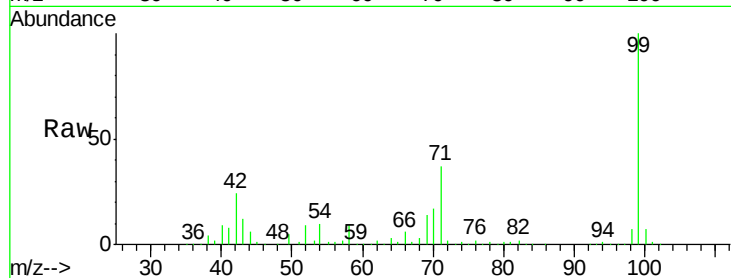
Tgt Ion: 99 Resp: 2207356

Ion Ratio Lower Upper

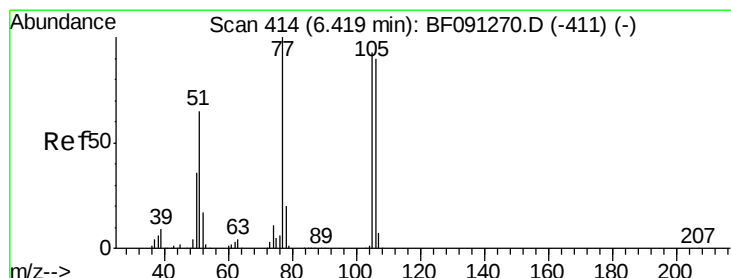
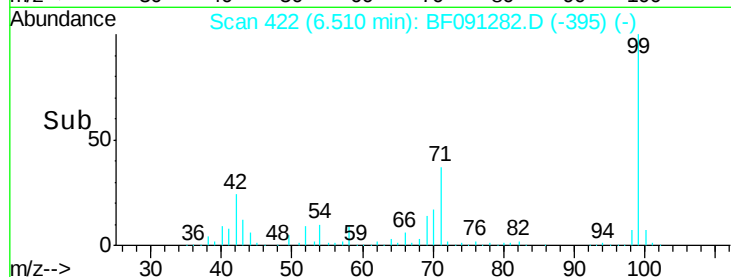
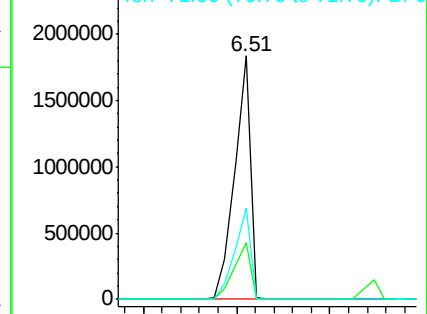
99 100

42 23.5 20.6 31.0

71 37.5 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: 3.76 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

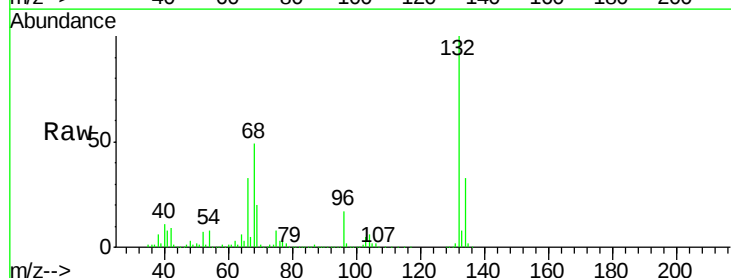
Tgt Ion: 77 Resp: 43857

Ion Ratio Lower Upper

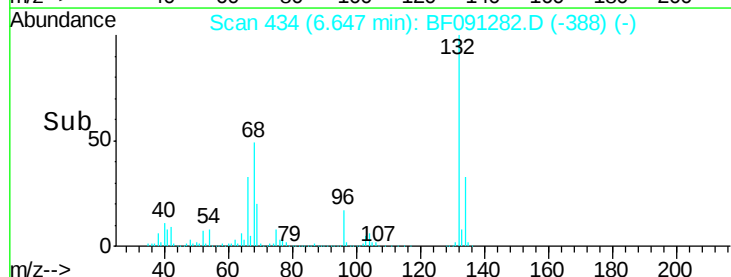
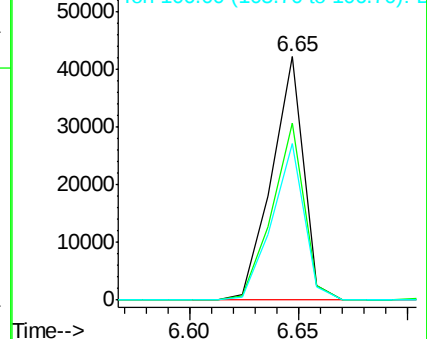
77 100

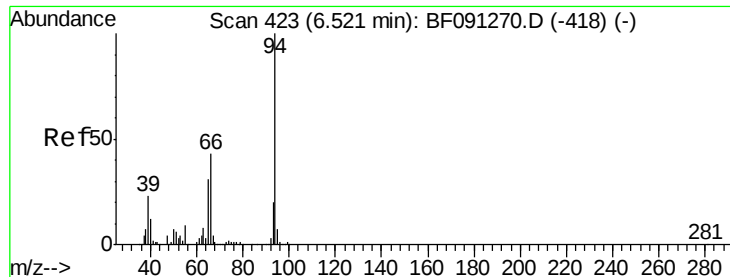
105 72.7 66.4 106.4

106 64.5 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 7.13 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

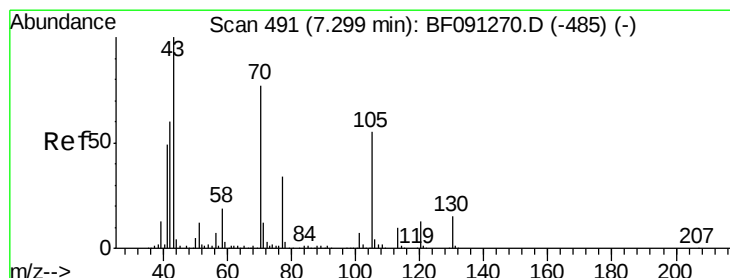
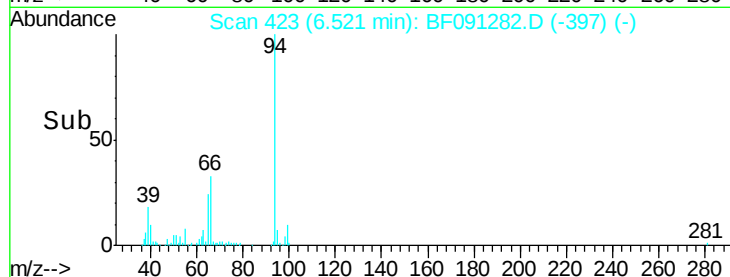
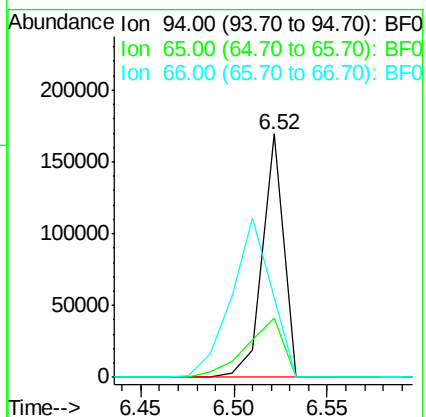
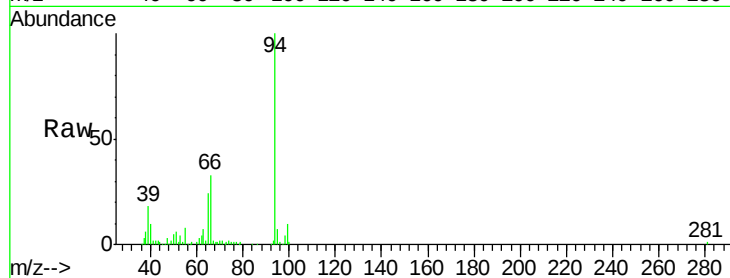
Tgt Ion: 94 Resp: 131576

Ion Ratio Lower Upper

94 100

65 24.4 16.9 56.9

66 32.8 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.10 ng

RT: 7.44 min Scan# 503

Delta R.T. 0.14 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Tgt Ion: 70 Resp: 177538

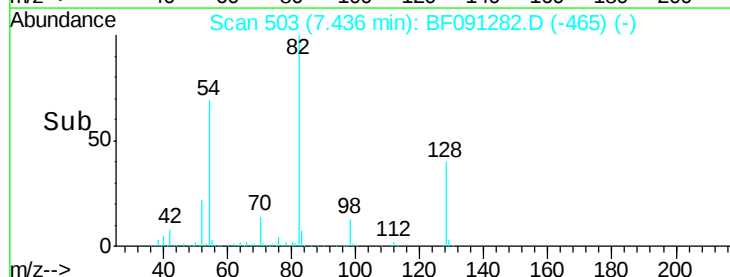
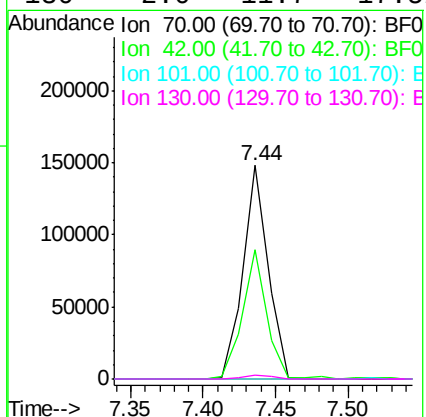
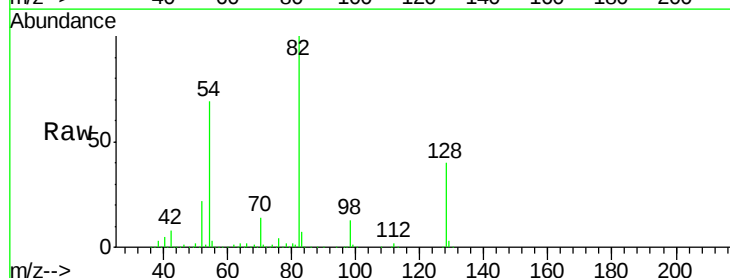
Ion Ratio Lower Upper

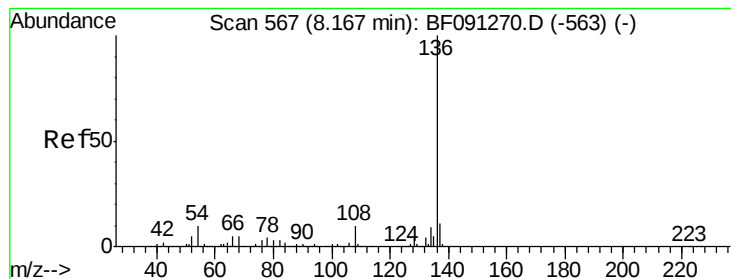
70 100

42 60.3 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

Tgt Ion:136 Resp: 833609

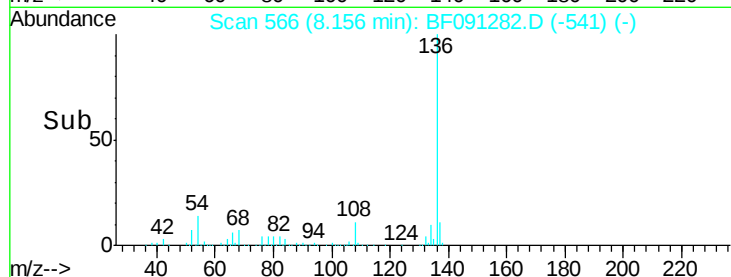
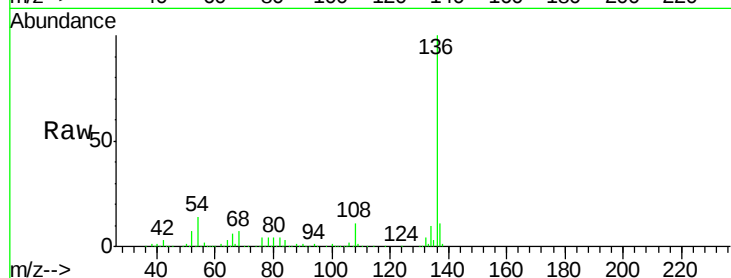
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 13.8 9.1 13.7#

68 6.7 5.9 8.9

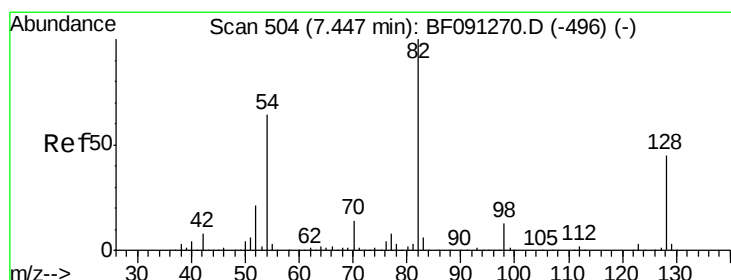
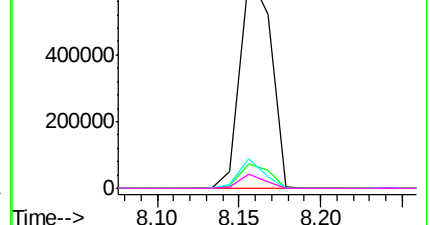


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 90.58 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

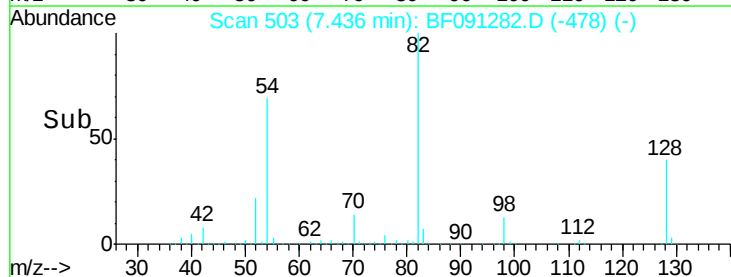
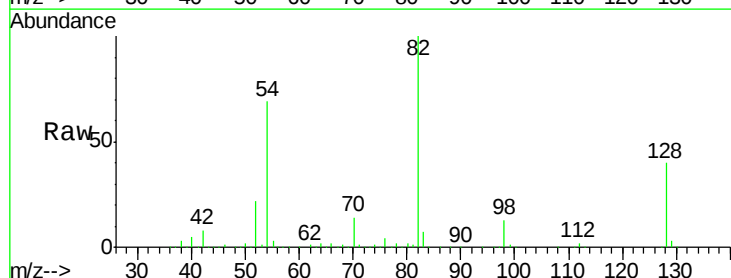
Tgt Ion: 82 Resp: 1311625

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

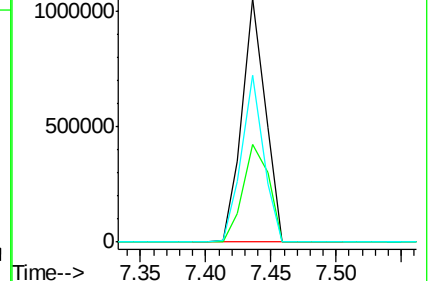
54 68.5 49.1 73.7

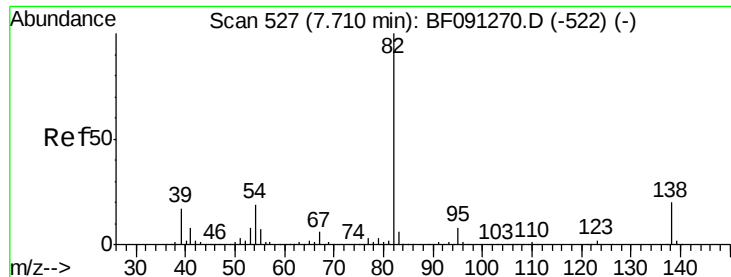


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.32 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.27 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

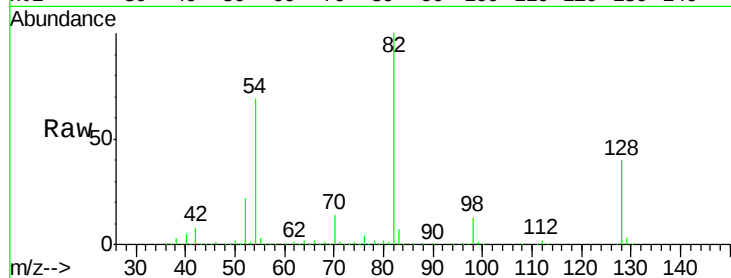
Tgt Ion: 82 Resp: 1063581

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

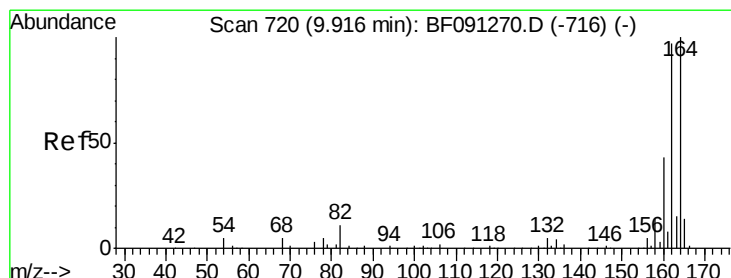
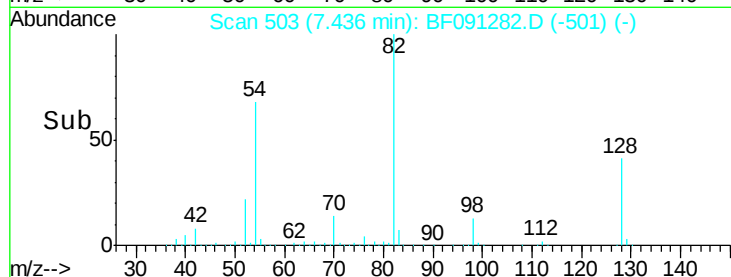
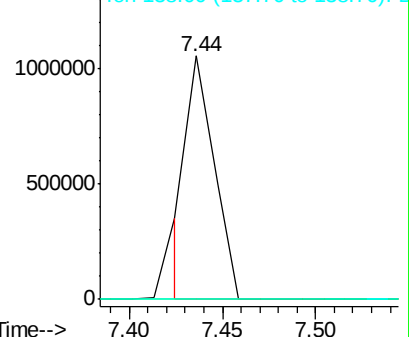
138 0.0 13.4 20.0#



Abundance Ion 82.00 (81.70 to 82.70): BF091270.D (-522) (-)

Ion 95.00 (94.70 to 95.70): BF091270.D (-522) (-)

Ion 138.00 (137.70 to 138.70): BF091270.D (-522) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

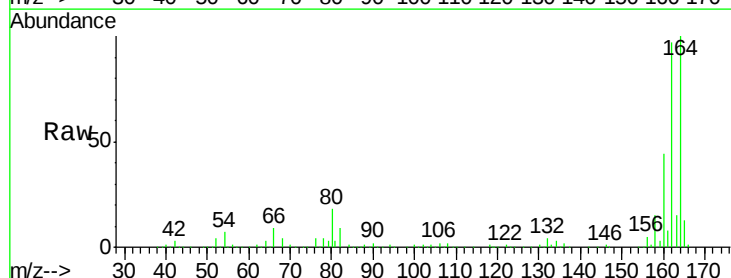
Tgt Ion: 164 Resp: 500156

Ion Ratio Lower Upper

164 100

162 96.6 82.6 124.0

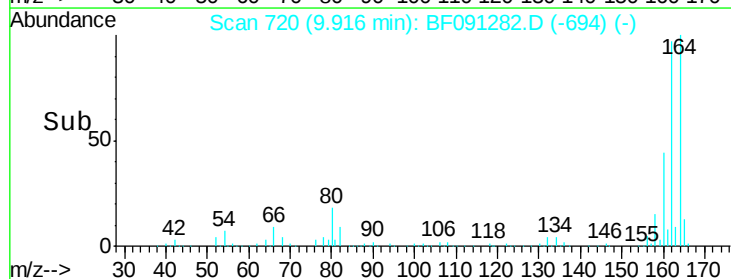
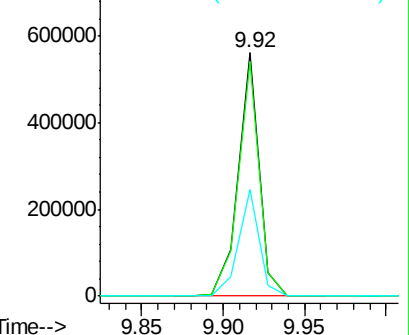
160 43.6 36.7 55.1

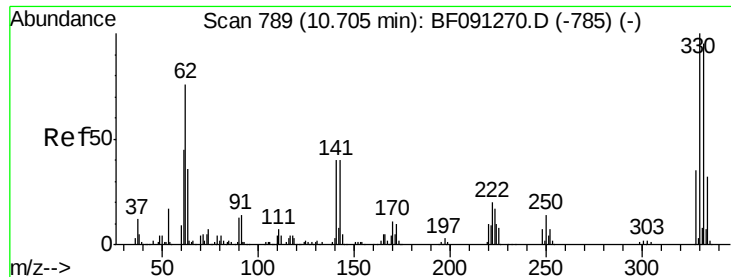


Abundance Ion 164.00 (163.70 to 164.70): BF091270.D (-716) (-)

Ion 162.00 (161.70 to 162.70): BF091270.D (-716) (-)

Ion 160.00 (159.70 to 160.70): BF091270.D (-716) (-)

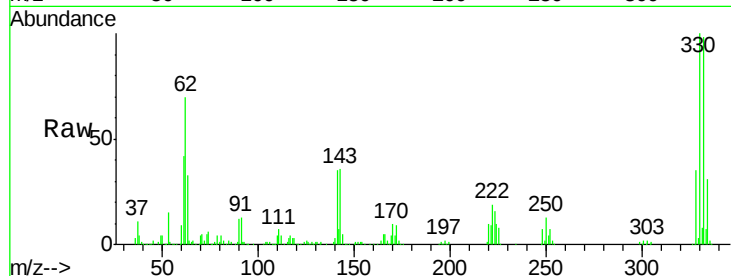




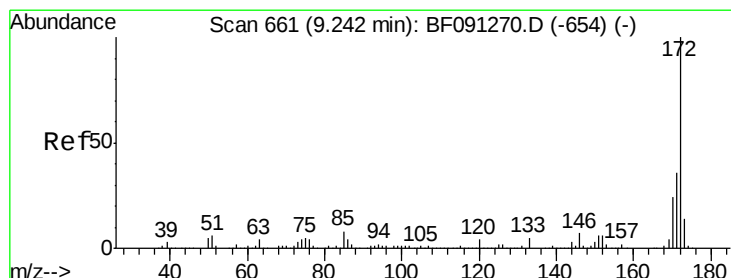
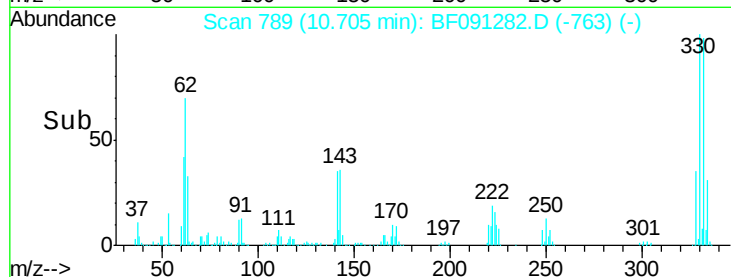
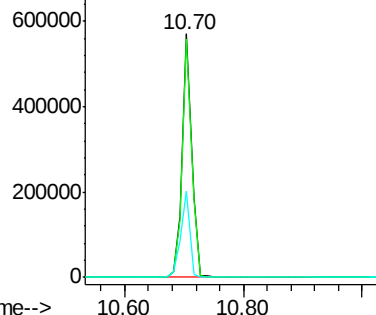
#41
 2,4,6-Tribromophenol
 Concen: 126.51 ng
 RT: 10.70 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF091282.D
 Acq: 23 Nov 2016 18:39

Instrument :
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 PHOENIX-BPM

Tgt Ion:330 Resp: 638078
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 33.2 33.6 50.4#

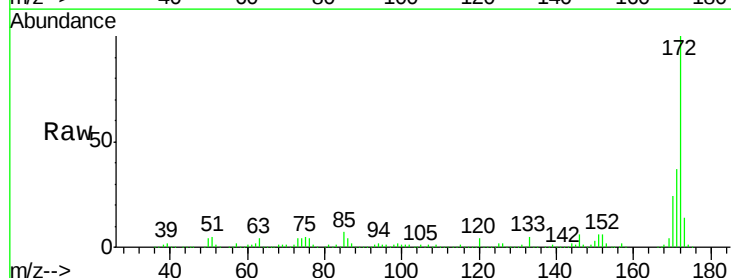


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

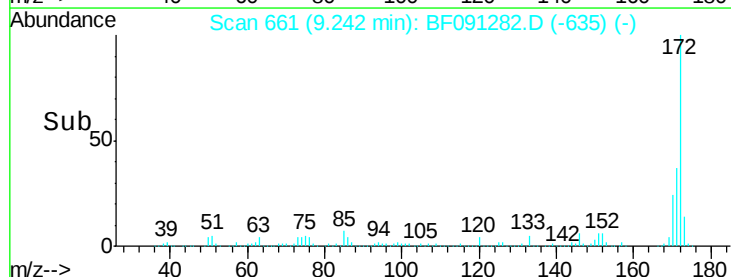
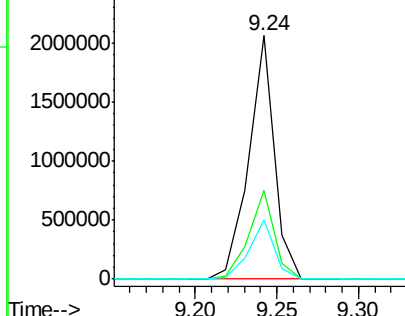


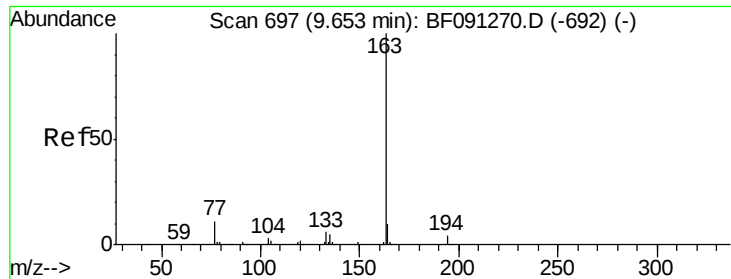
#44
 2-Fluorobiphenyl
 Concen: 73.51 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091282.D
 Acq: 23 Nov 2016 18:39

Tgt Ion:172 Resp: 2245302
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 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

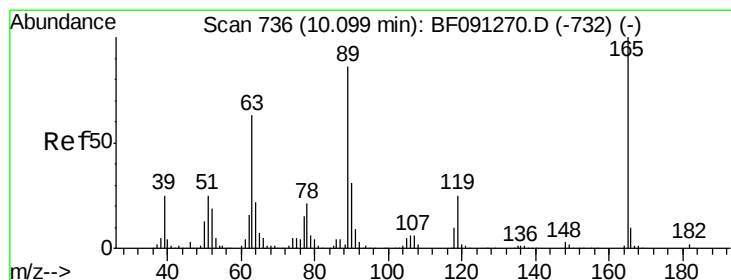
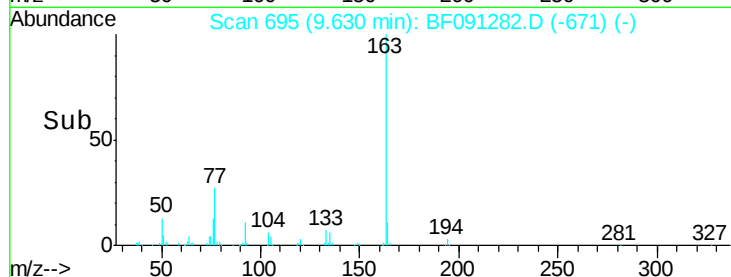
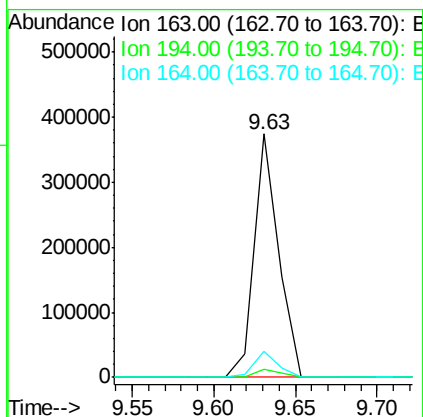
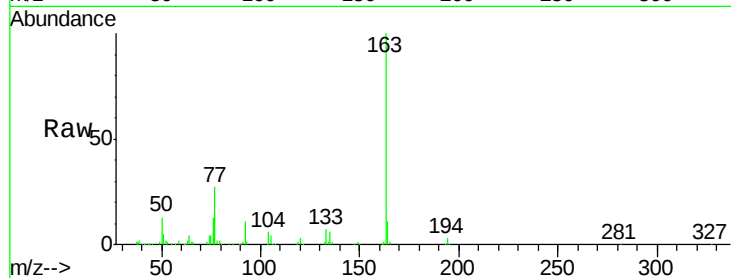




#49
Dimethylphthalate
Concen: 12.41 ng
RT: 9.63 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091282.D
Acq: 23 Nov 2016 18:39

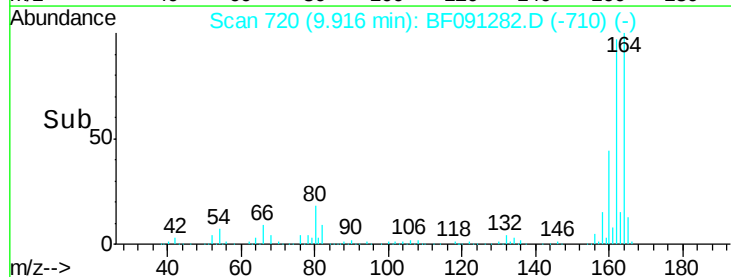
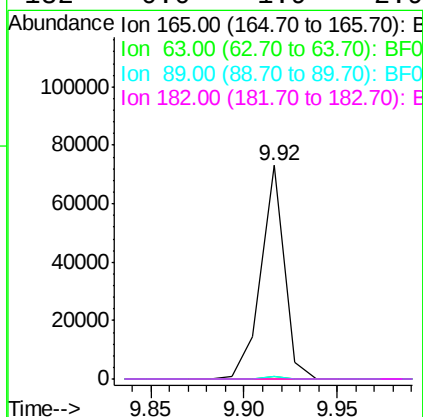
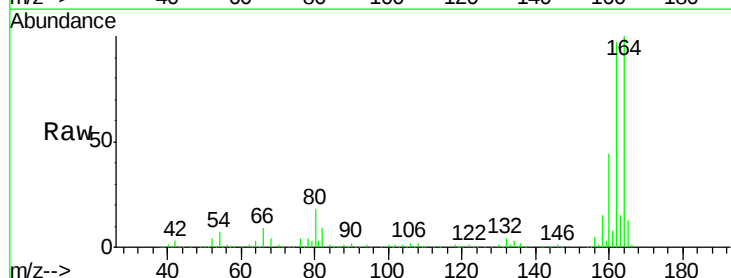
Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

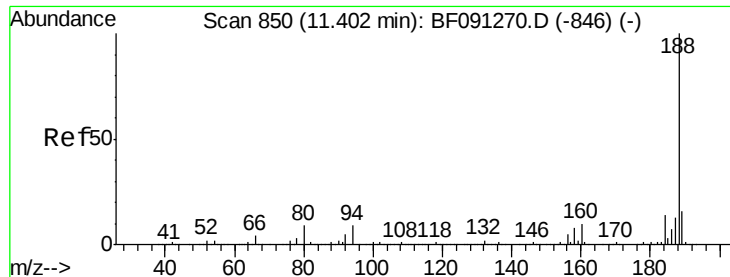
Tgt Ion:163 Resp: 387471
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.6 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.18 min
Lab File: BF091282.D
Acq: 23 Nov 2016 18:39

Tgt Ion:165 Resp: 64696
Ion Ratio Lower Upper
165 100
63 1.1 29.0 43.4#
89 0.9 43.1 64.7#
182 0.0 1.9 2.9#

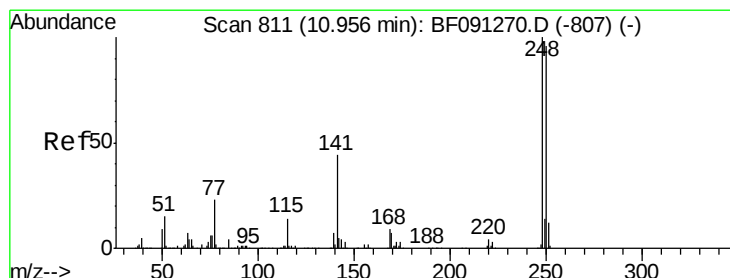
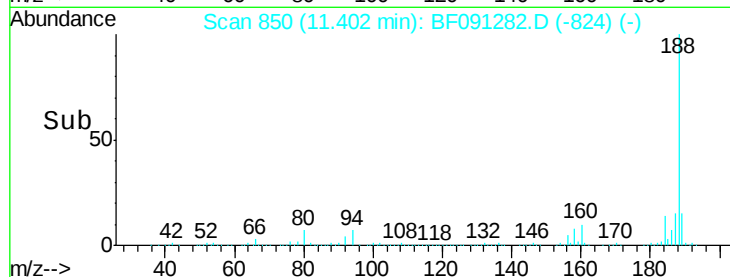
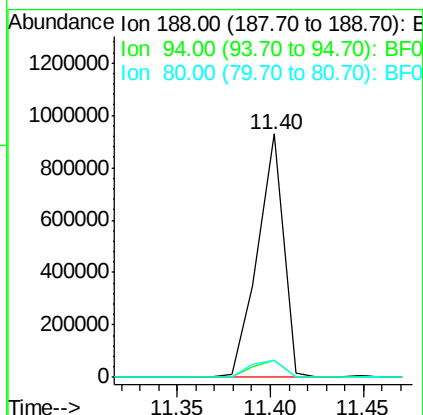
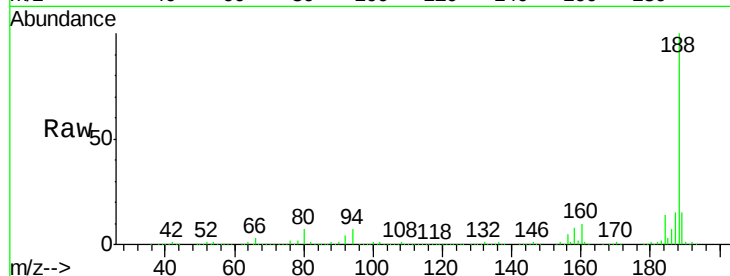




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF091282.D
 Acq: 23 Nov 2016 18:39

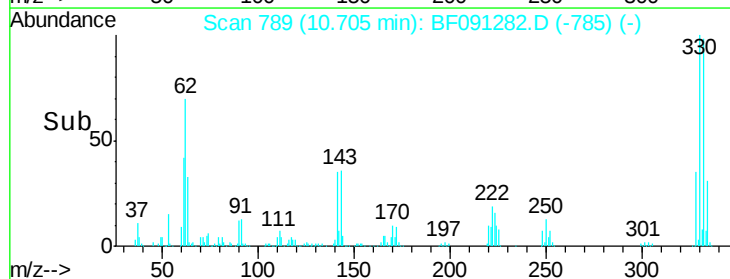
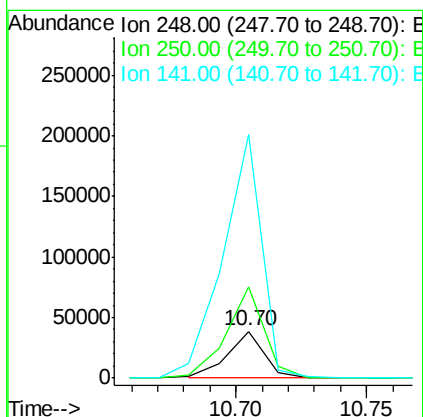
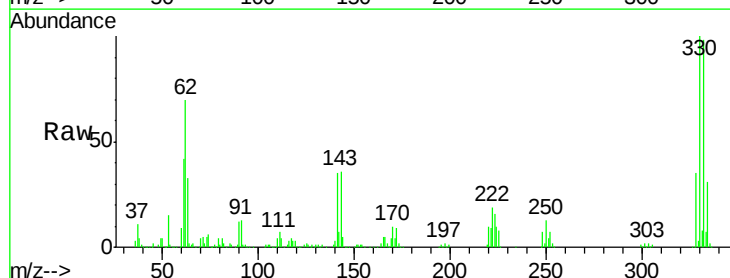
Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

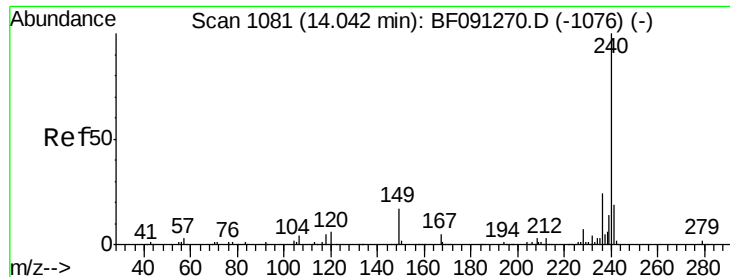
Tgt Ion:188 Resp: 899367
 Ion Ratio Lower Upper
 188 100
 94 7.1 9.2 13.8#
 80 7.2 10.5 15.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.83 ng
 RT: 10.70 min Scan# 789
 Delta R.T. -0.25 min
 Lab File: BF091282.D
 Acq: 23 Nov 2016 18:39

Tgt Ion:248 Resp: 37695
 Ion Ratio Lower Upper
 248 100
 250 196.8 78.2 117.4#
 141 521.9 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

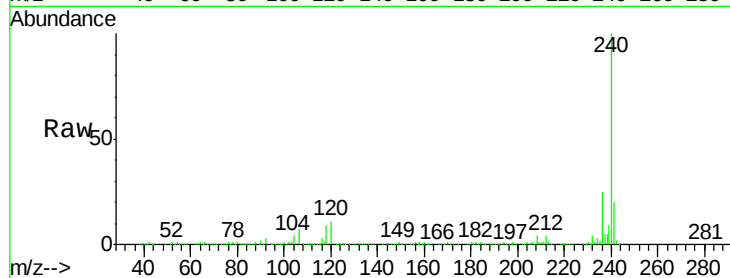
Tgt Ion:240 Resp: 816456

Ion Ratio Lower Upper

240 100

120 10.8 12.1 18.1#

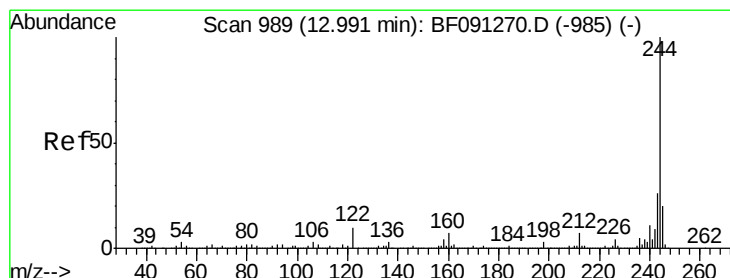
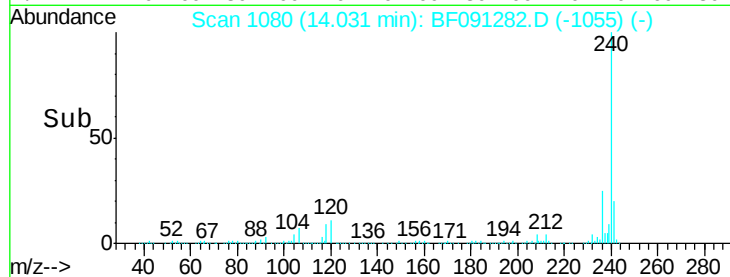
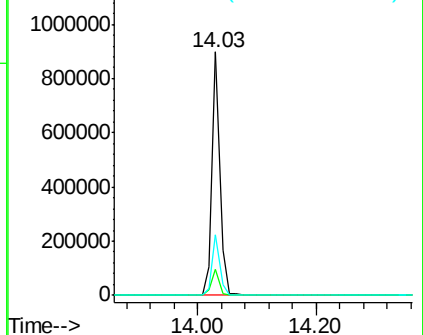
236 24.7 21.0 31.6



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



#78

Terphenyl-d14

Concen: 60.26 ng

RT: 12.99 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

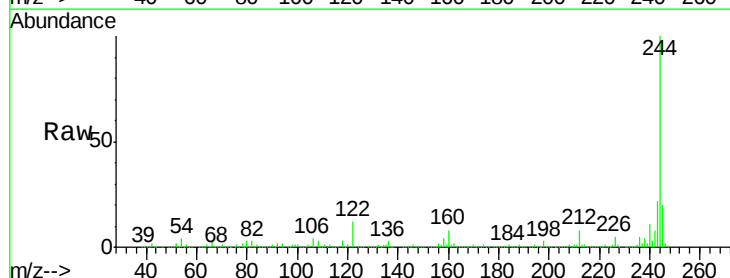
Tgt Ion:244 Resp: 2154167

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

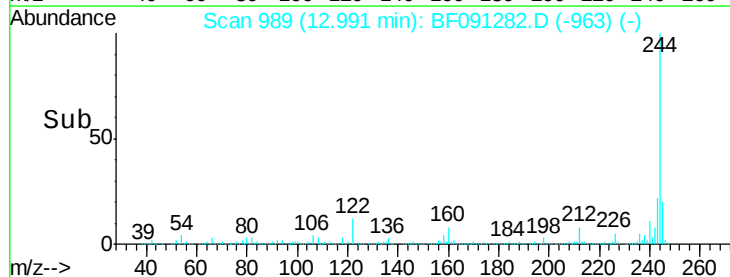
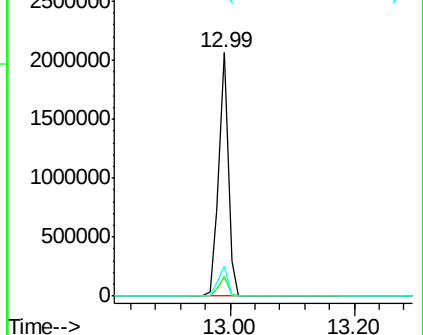
122 12.5 9.5 14.3

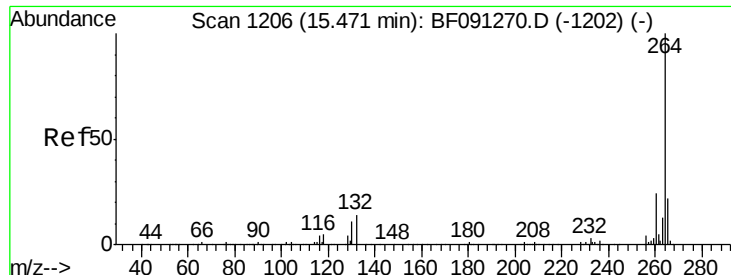


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

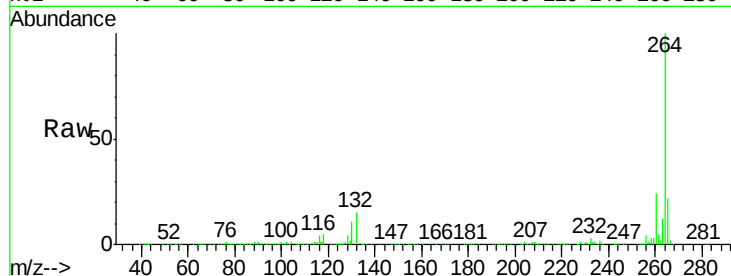




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF091282.D
Acq: 23 Nov 2016 18:39

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Tgt Ion: 264 Resp: 748304
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.1 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

