

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090991.D
 Acq On : 2 Nov 2016 20:29
 Operator : UM/SJ
 Sample : H5509-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-93-0.5-1.5

Quant Time: Nov 02 23:13:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	189377	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	773027	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	345199	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	538716	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	388490	20.00	ng	-0.02
86) Perylene-d12	15.28	264	342212	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1839899	169.87	ng	0.00
7) Phenol-d6	6.37	99	2397489	164.07	ng	-0.02
23) Nitrobenzene-d5	7.30	82	1516279	128.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	551887	155.57	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1950208	99.20	ng	-0.02
78) Terphenyl-d14	12.83	244	1592495	103.27	ng	-0.02

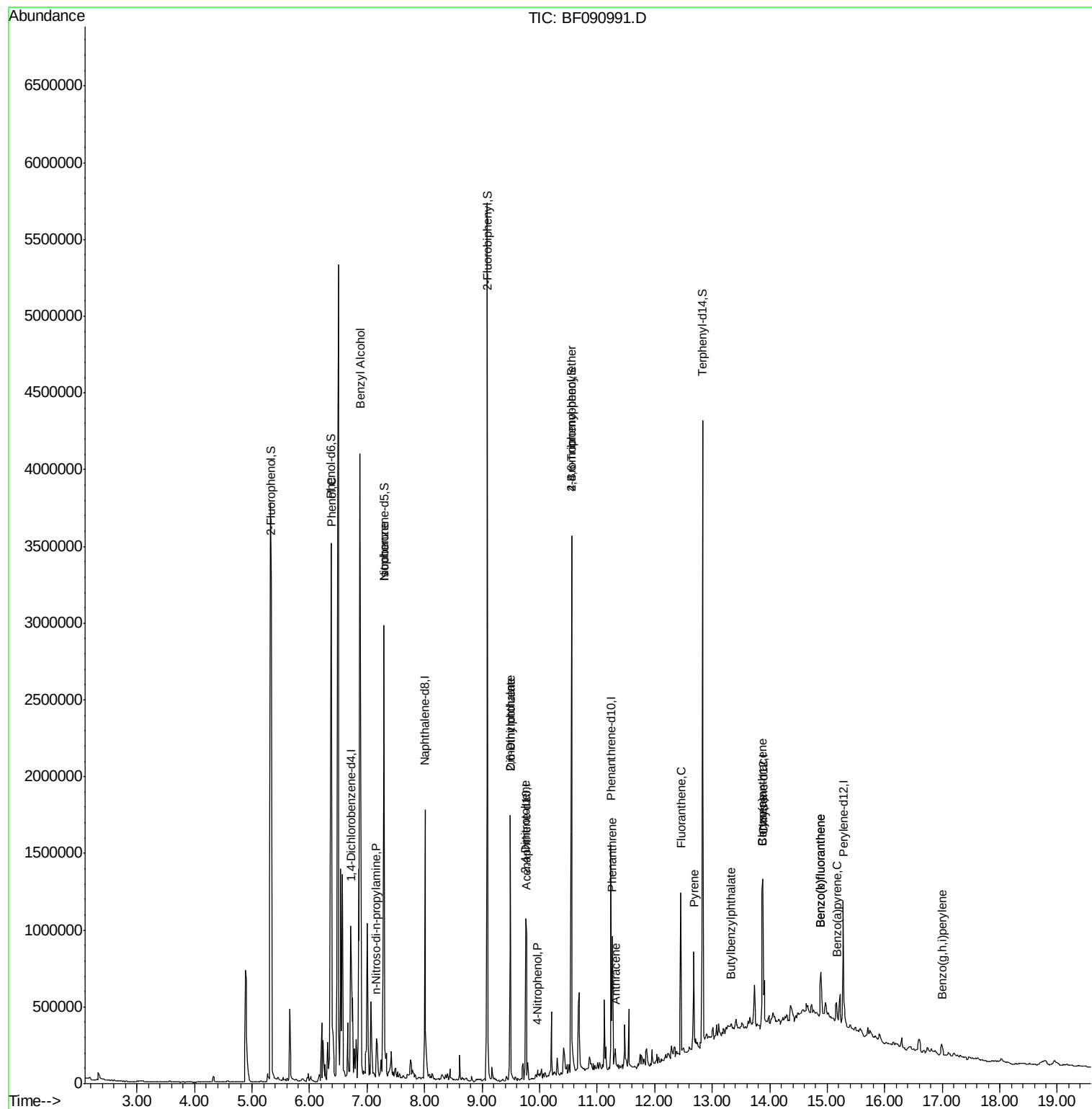
Target Compounds						Qvalue
10) Phenol	6.38	94	39735	2.47	ng	# 1
15) Benzyl Alcohol	6.88	79	26639	2.78	ng	# 32
19) n-Nitroso-di-n-propylamine	7.16	70	23697	2.80	ng	# 35
25) Isophorone	7.30	82	1345793	56.16	ng	# 59
49) Dimethylphthalate	9.49	163	905488	39.26	ng	# 98
50) 2,6-Dinitrotoluene	9.49	165	10602	2.08	ng	# 40
55) 4-Nitrophenol	9.96	139	7873	2.38	ng	# 34
56) 2,4-Dinitrotoluene	9.76	165	45687	7.22	ng	# 33
66) 4-Bromophenyl-phenylether	10.56	248	36111	6.12	ng	# 1
70) Phenanthrene	11.26	178	310838	11.33	ng	97
71) Anthracene	11.32	178	68724	2.38	ng	98
74) Fluoranthene	12.45	202	397708	13.24	ng	93
77) Pyrene	12.68	202	315348	12.83	ng	97
79) Butylbenzylphthalate	13.32	149	23257	2.08	ng	# 89
80) Benzo(a)anthracene	13.87	228	169184	8.21	ng	96
82) Chrysene	13.87	228	169184	8.11	ng	98
87) Benzo(b)fluoranthene	14.89	252	191776	8.33	ng	# 94
88) Benzo(k)fluoranthene	14.89	252	191776	10.55	ng	94
89) Benzo(a)pyrene	15.16	252	69806	3.53	ng	96
91) Benzo(g,h,i)perylene	16.99	276	52864	3.35	ng	# 86

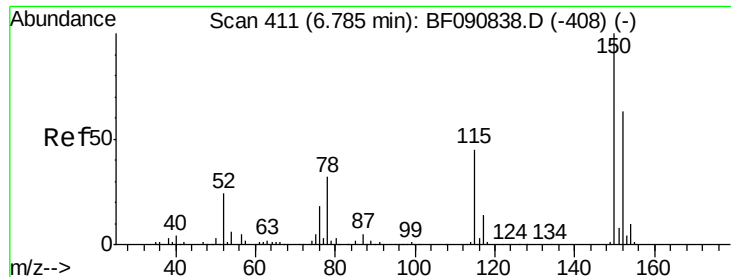
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SB-93-0.5-1.5

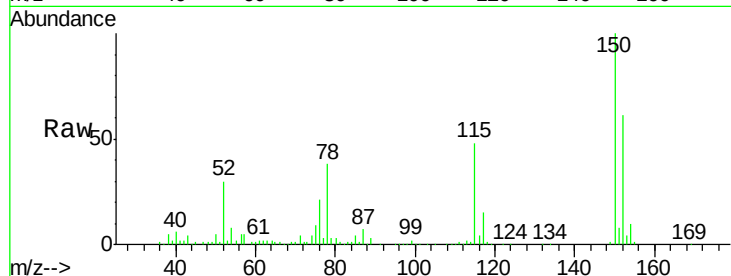
Tgt Ion:152 Resp: 189377

Ion Ratio Lower Upper

152 100

150 163.1 124.7 187.1

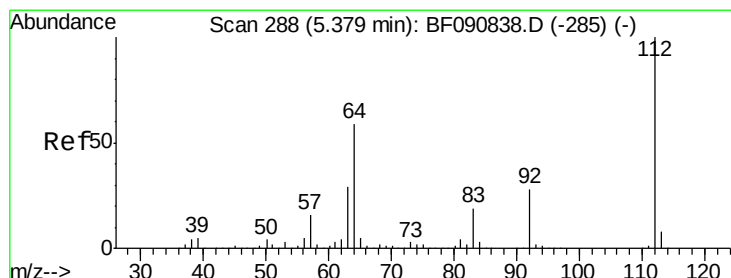
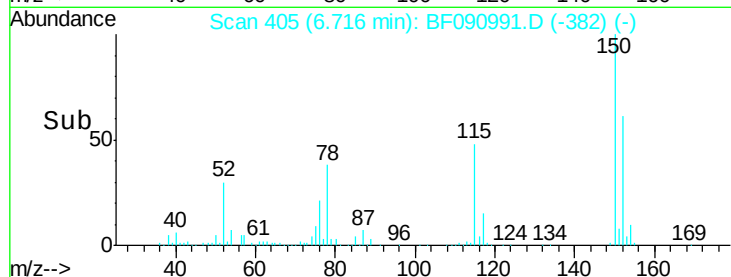
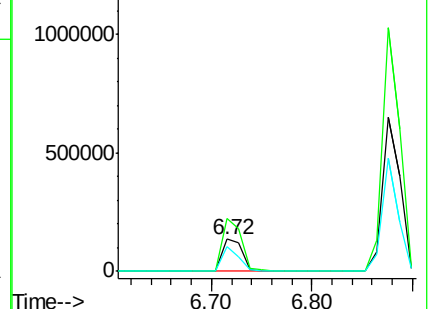
115 78.2 39.0 58.4#



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: 169.87 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

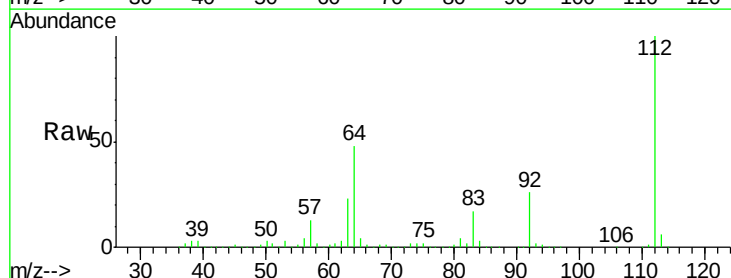
Tgt Ion:112 Resp: 1839899

Ion Ratio Lower Upper

112 100

64 48.0 39.7 59.5

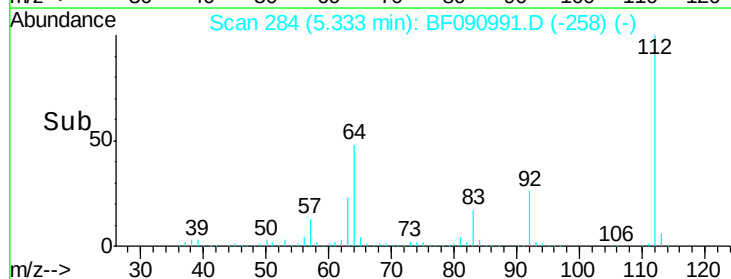
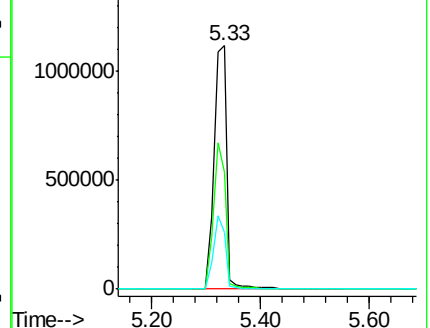
63 23.4 17.4 26.0

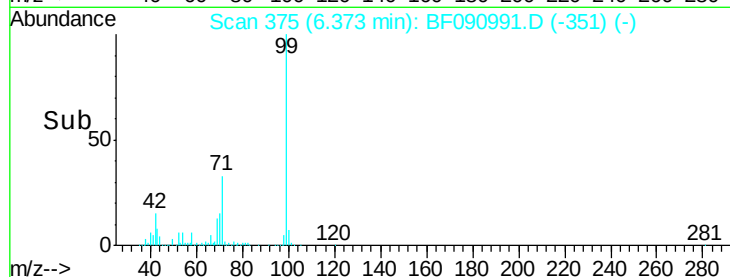
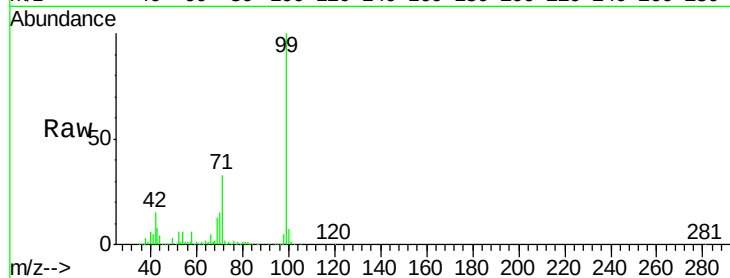
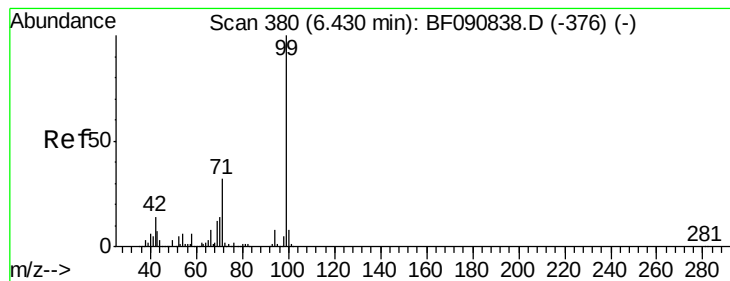


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 164.07 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SB-93-0.5-1.5

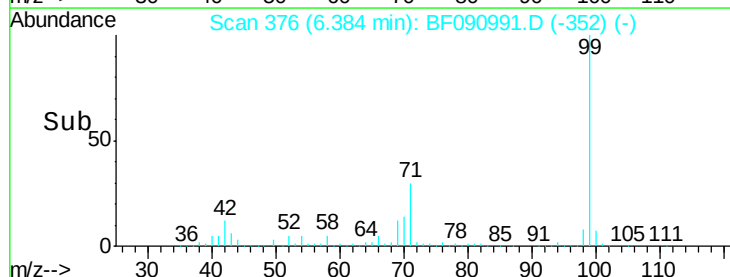
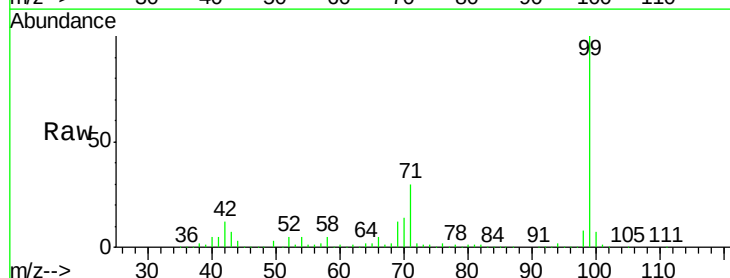
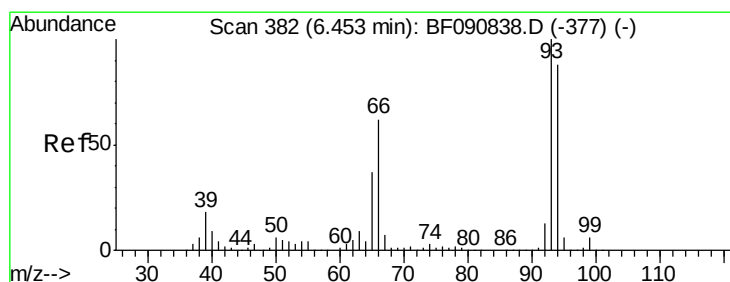
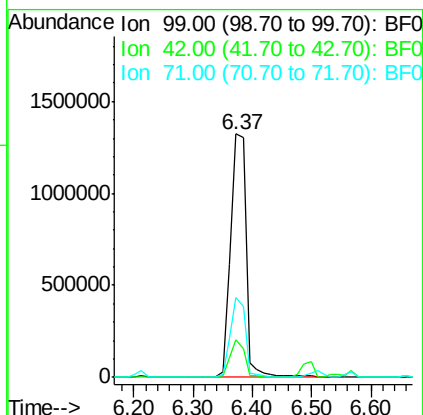
Tgt Ion: 99 Resp: 2397489

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

71 32.9 14.2 21.2#



#10

Phenol

Concen: 2.47 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

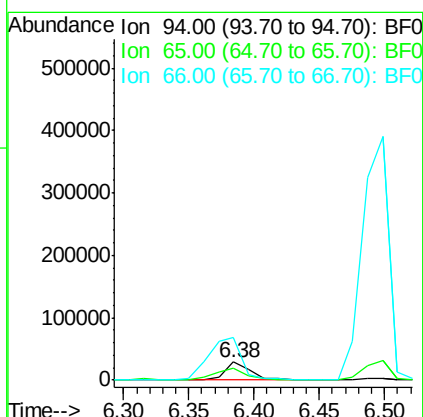
Tgt Ion: 94 Resp: 39735

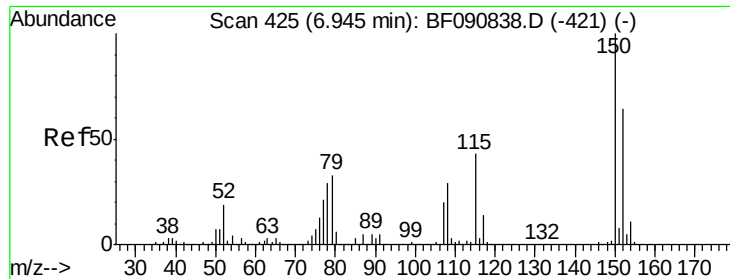
Ion Ratio Lower Upper

94 100

65 68.8 0.7 40.7#

66 234.0 0.8 40.8#





#15

Benzyl Alcohol

Concen: 2.78 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SB-93-0.5-1.5

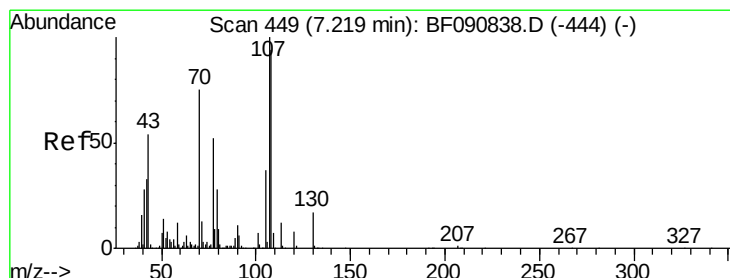
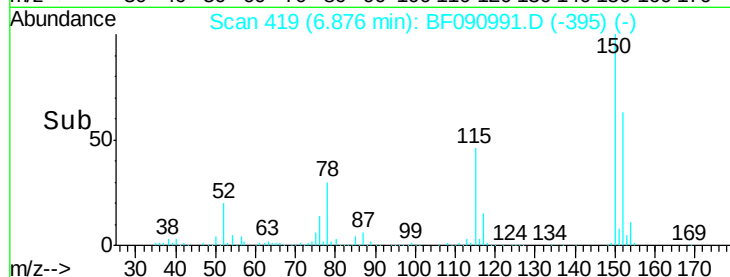
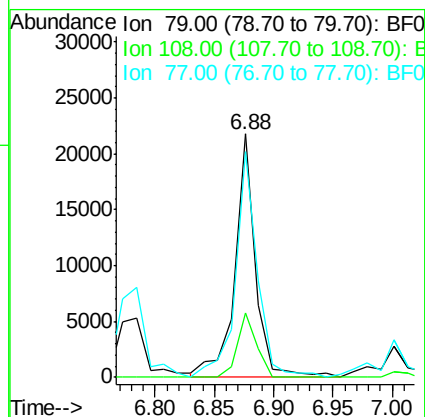
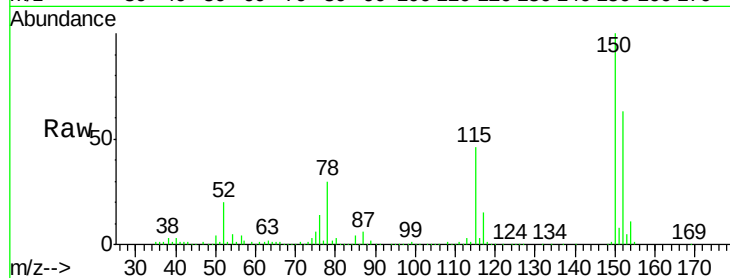
Tgt Ion: 79 Resp: 26639

Ion Ratio Lower Upper

79 100

108 26.7 88.6 132.8#

77 92.8 47.0 70.4#



#19

n-Nitroso-di-n-propylamine

Concen: 2.80 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

Tgt Ion: 70 Resp: 23697

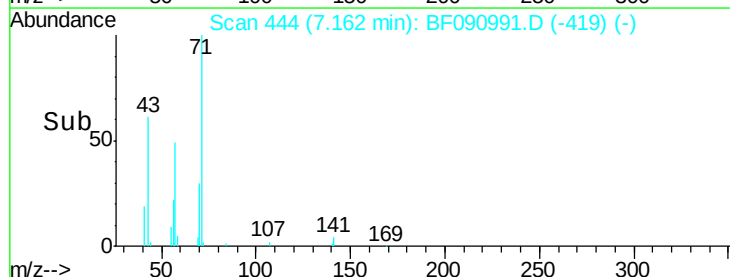
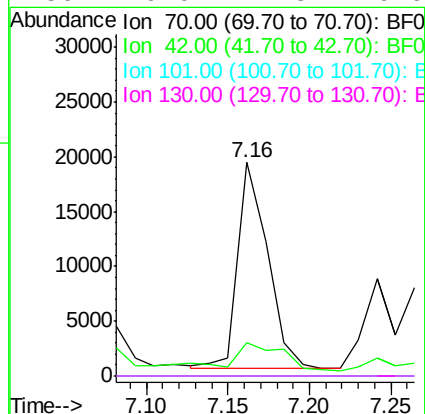
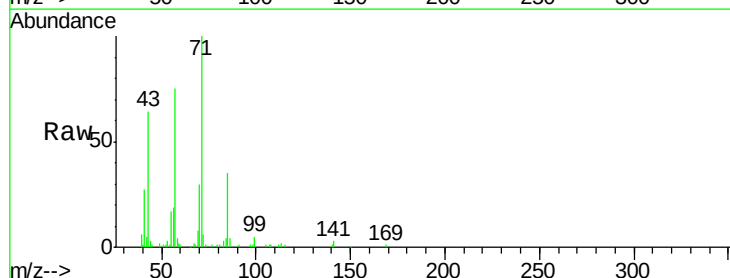
Ion Ratio Lower Upper

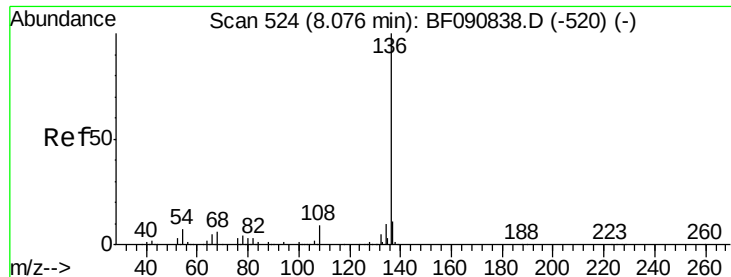
70 100

42 15.4 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

Instrument :

BNA_F

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SB-93-0.5-1.5

Tgt Ion:136 Resp: 773027

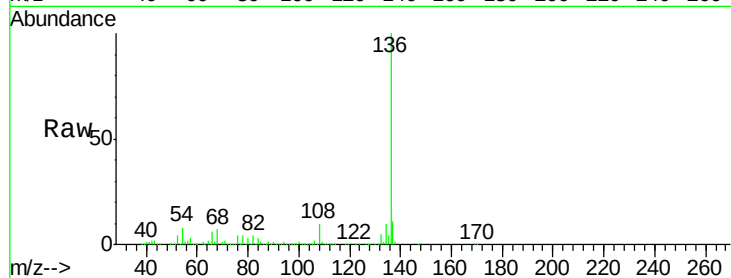
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.2 8.2 12.2

68 7.4 5.8 8.6

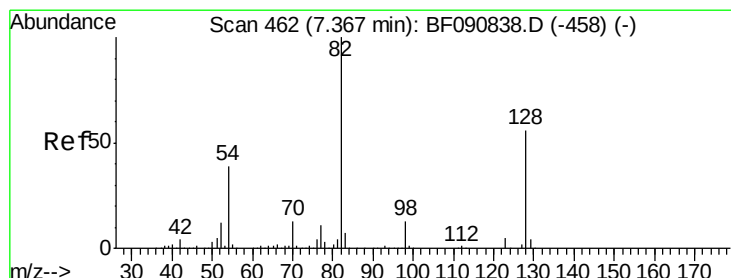
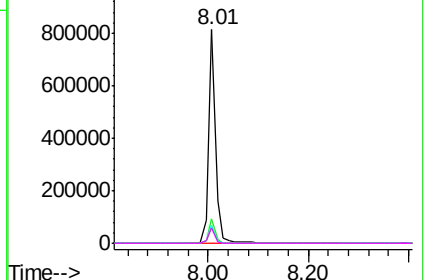
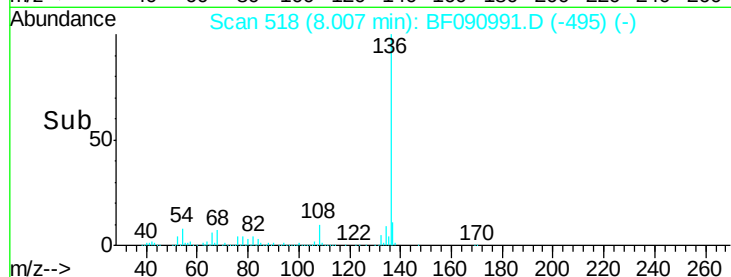


Abundance Ion 136.00 (135.70 to 136.70): E

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: 128.41 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

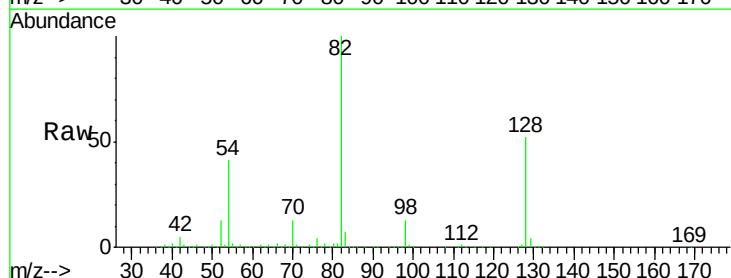
Tgt Ion: 82 Resp: 1516279

Ion Ratio Lower Upper

82 100

128 51.7 51.0 76.6

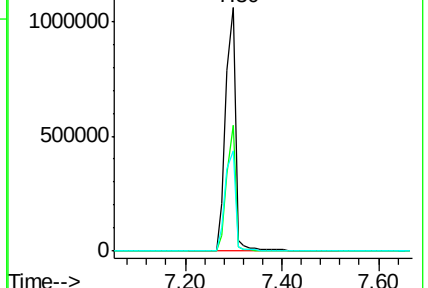
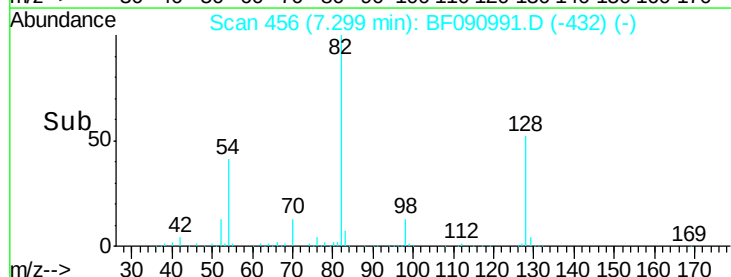
54 41.0 47.5 71.3#

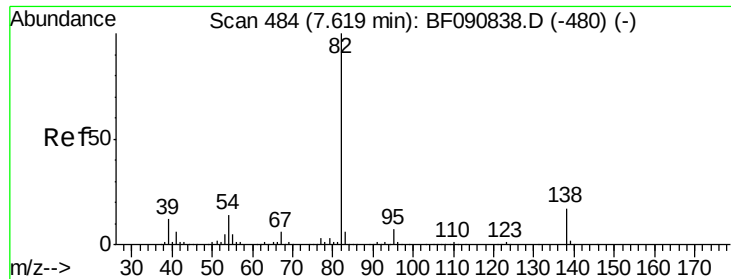


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 56.16 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

Instrument :

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ClientSampleId :

SB-93-0.5-1.5

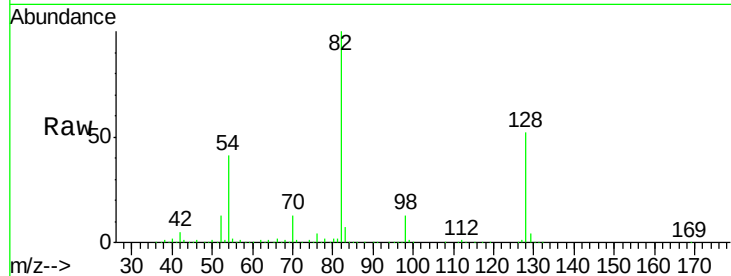
Tgt Ion: 82 Resp: 1345793

Ion Ratio Lower Upper

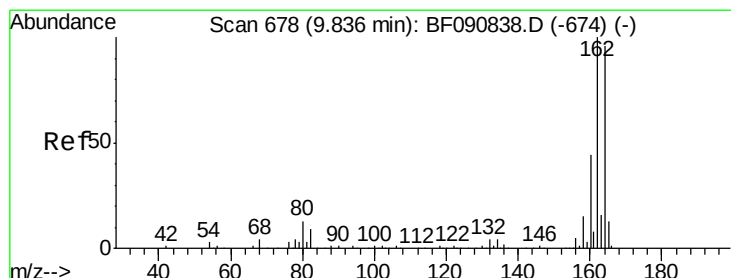
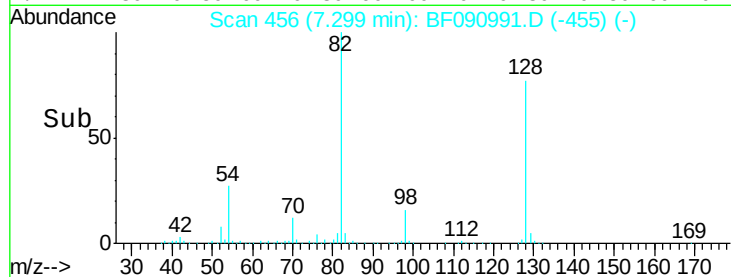
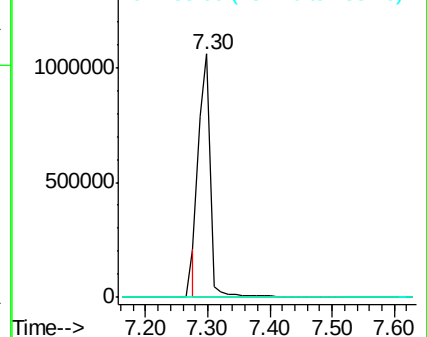
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF090991.D

Acq: 2 Nov 2016 20:29

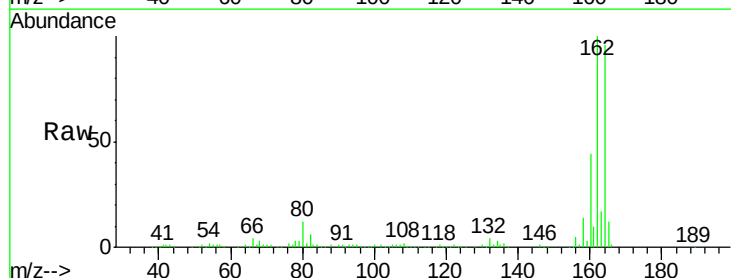
Tgt Ion: 164 Resp: 345199

Ion Ratio Lower Upper

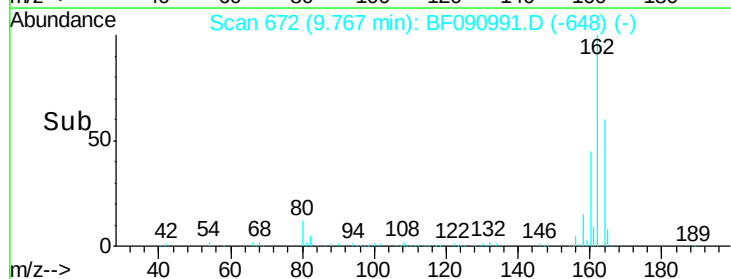
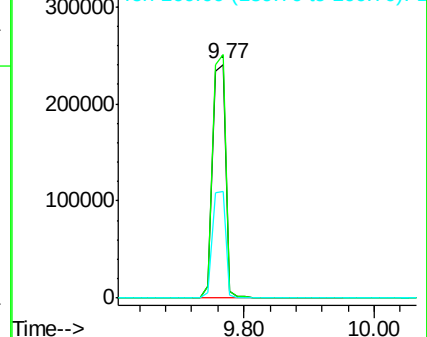
164 100

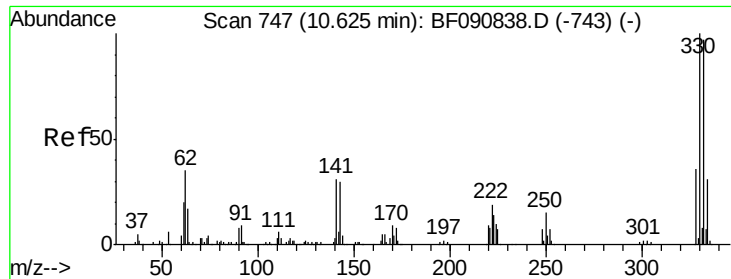
162 104.2 75.2 112.8

160 45.6 31.5 47.3



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

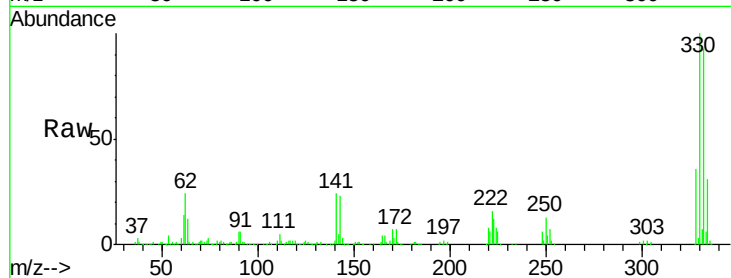




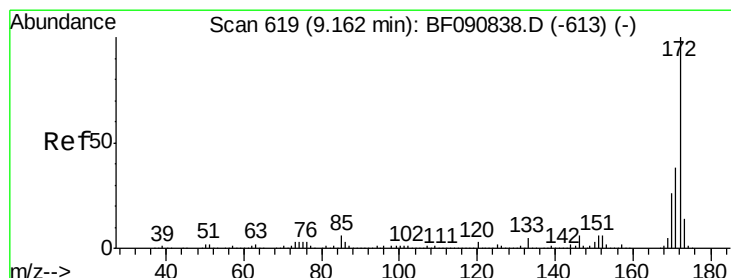
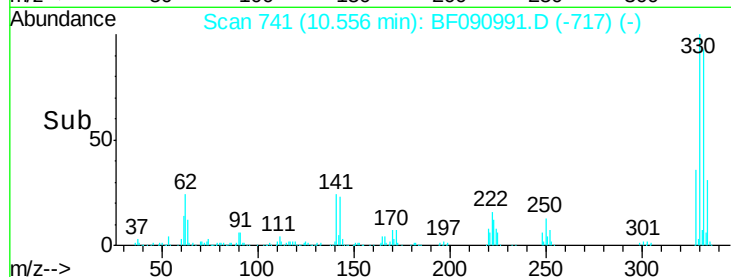
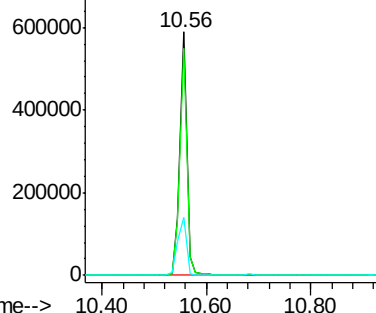
#41
 2,4,6-Tribromophenol
 Concen: 155.57 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090991.D
 Acq: 2 Nov 2016 20:29

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Tgt Ion:330 Resp: 551887
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 29.8 29.7 44.5

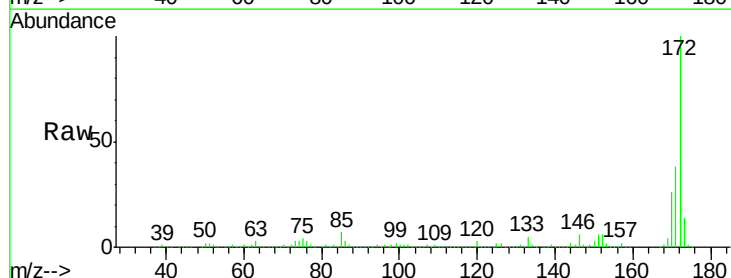


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.20 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090991.D
 Acq: 2 Nov 2016 20:29

Tgt Ion:172 Resp: 1950208
 Ion Ratio Lower Upper
 172 100
 171 37.9 26.1 39.1
 170 25.6 17.4 26.2



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

