

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090976.D
 Acq On : 2 Nov 2016 13:41
 Operator : UM/SJ
 Sample : H5502-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-87-0.5-1.0

Quant Time: Nov 02 23:07:49 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	185806	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	840225	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	425825	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	708490	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	638863	20.00	ng	-0.02
86) Perylene-d12	15.28	264	407760	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1783334	167.81	ng	-0.01
7) Phenol-d6	6.37	99	2140315	149.28	ng	-0.02
23) Nitrobenzene-d5	7.29	82	1399010	109.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	555531	126.95	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	2315861	95.50	ng	-0.02
78) Terphenyl-d14	12.84	244	2539906	100.16	ng	-0.01

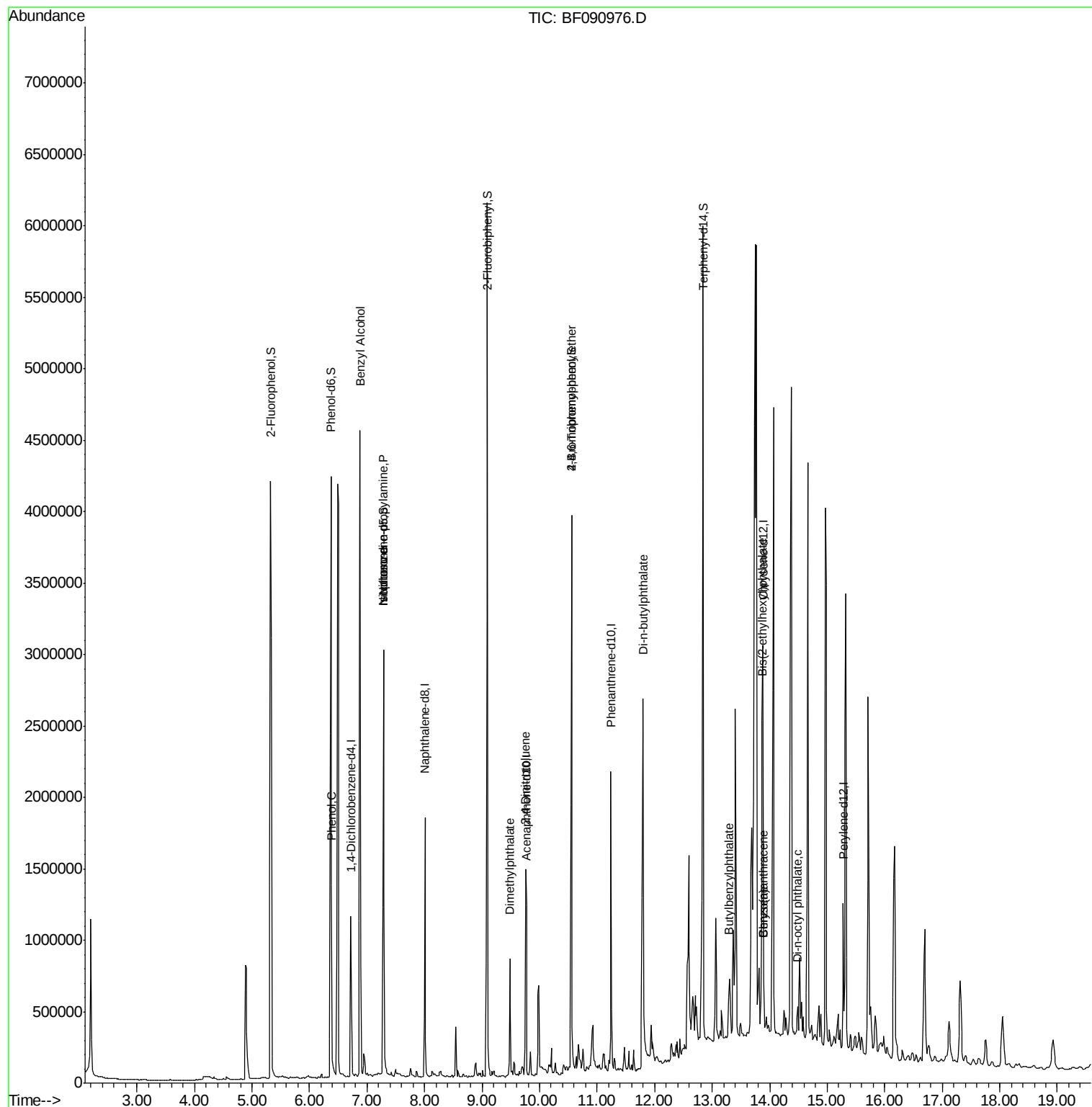
Target Compounds						Qvalue
10) Phenol	6.38	94	39935	2.53	ng	# 16
15) Benzyl Alcohol	6.88	79	25787	2.74	ng	# 33
19) n-Nitroso-di-n-propylamine	7.29	70	193287	23.32	ng	# 55
25) Isophorone	7.29	82	1078336	41.40	ng	# 59
49) Dimethylphthalate	9.48	163	425608	14.96	ng	# 96
56) 2,4-Dinitrotoluene	9.76	165	54668	7.00	ng	# 34
66) 4-Bromophenyl-phenylether	10.56	248	39826	5.13	ng	# 1
73) Di-n-butylphthalate	11.80	149	96761	2.24	ng	# 98
79) Butylbenzylphthalate	13.30	149	79829	4.35	ng	# 86
80) Benzo(a)anthracene	13.89	228	68997	2.03	ng	# 91
82) Chrysene	13.89	228	68997	2.01	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.87	149	762882	31.93	ng	# 90
84) Di-n-octyl phthalate	14.49	149	129073	3.22	ng	# 89

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

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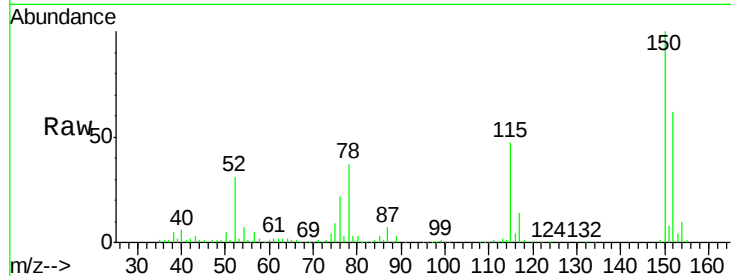




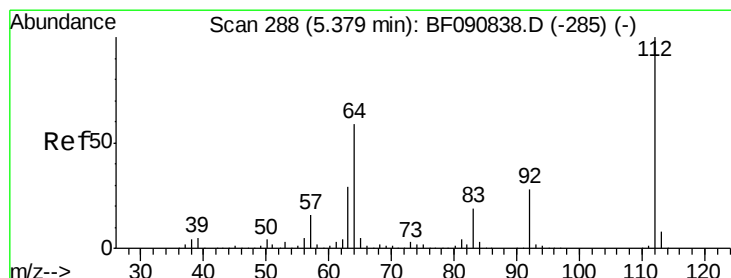
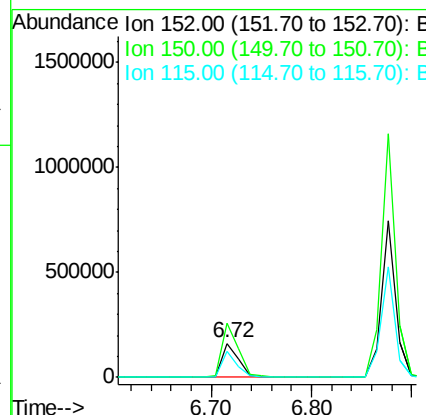
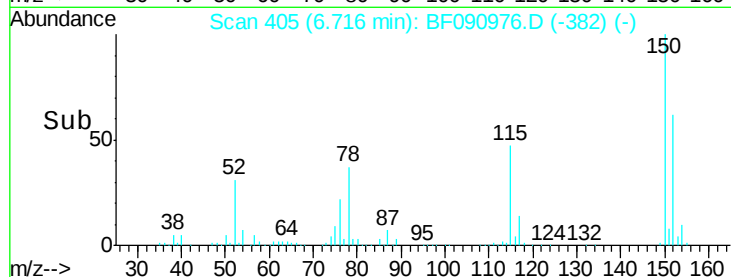
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 405
 Delta R.T. -0.03 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-87-0.5-1.0

Tgt Ion:152 Resp: 185806
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.7 187.1
 115 75.4 39.0 58.4#

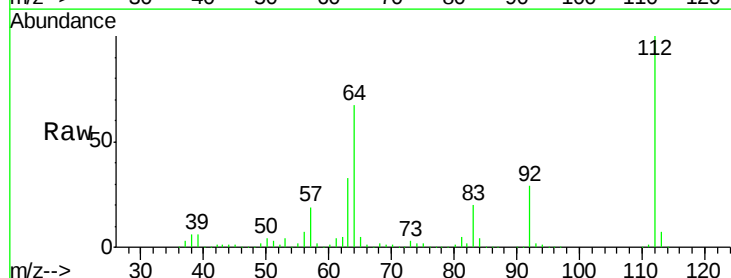


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

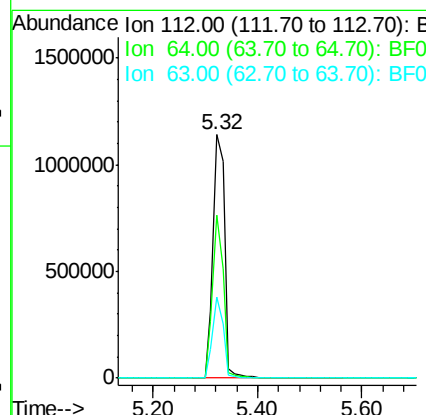
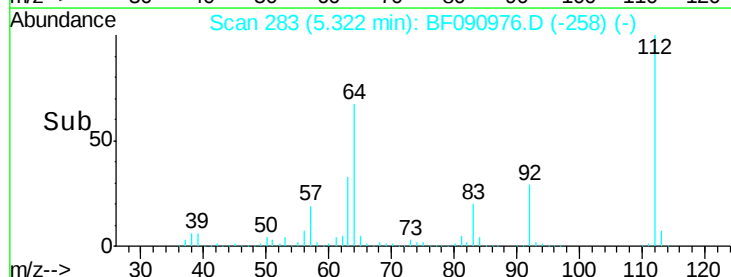


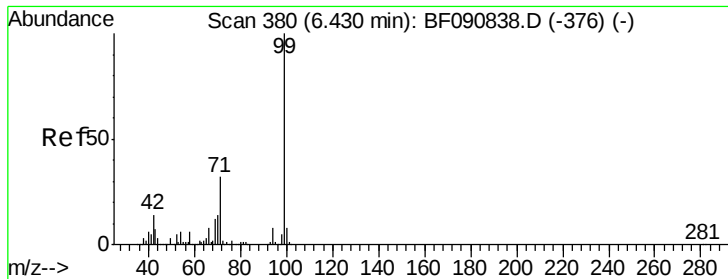
#5
 2-Fluorophenol
 Concen: 167.81 ng
 RT: 5.32 min Scan# 283
 Delta R.T. -0.01 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Tgt Ion:112 Resp: 1783334
 Ion Ratio Lower Upper
 112 100
 64 66.9 39.7 59.5#
 63 33.4 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: 149.28 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SB-87-0.5-1.0

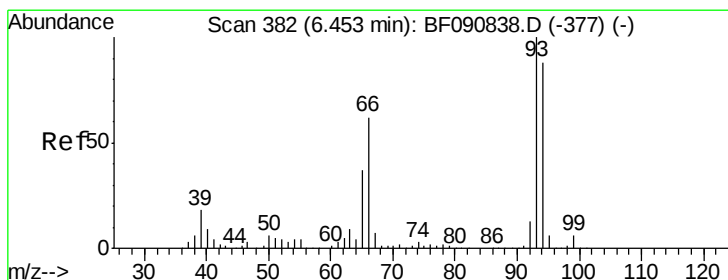
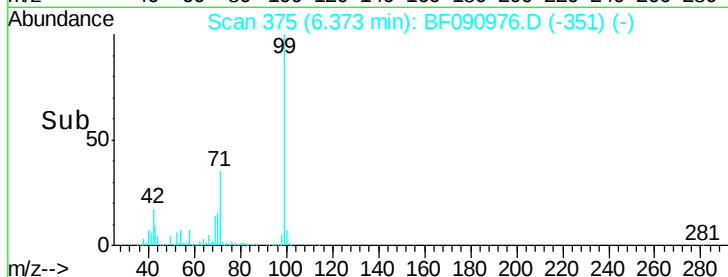
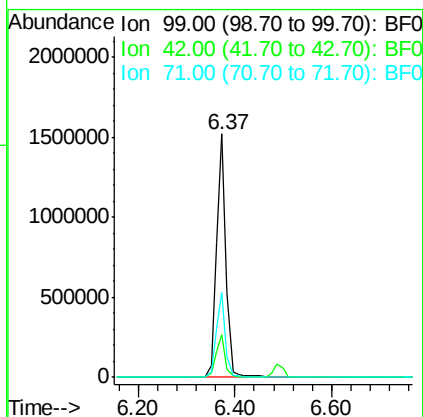
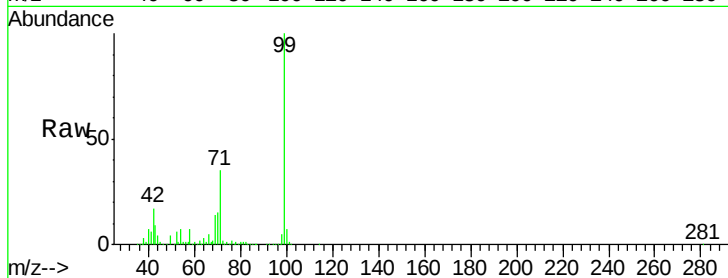
Tgt Ion: 99 Resp: 2140315

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

71 34.6 14.2 21.2#



#10

Phenol

Concen: 2.53 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

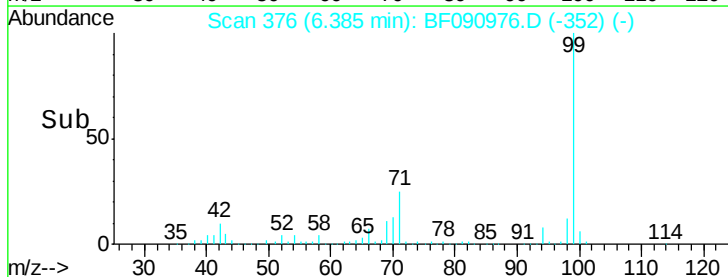
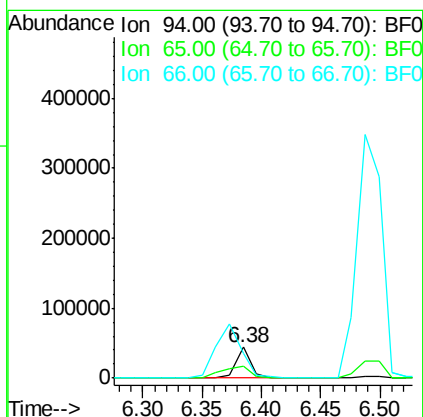
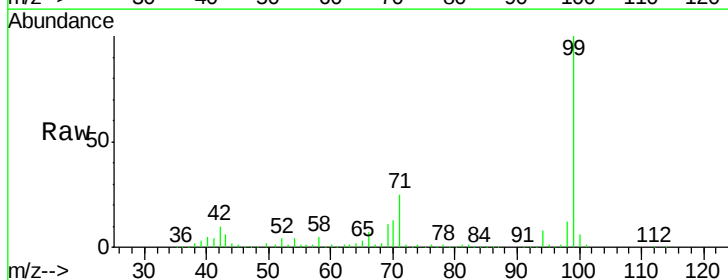
Tgt Ion: 94 Resp: 39935

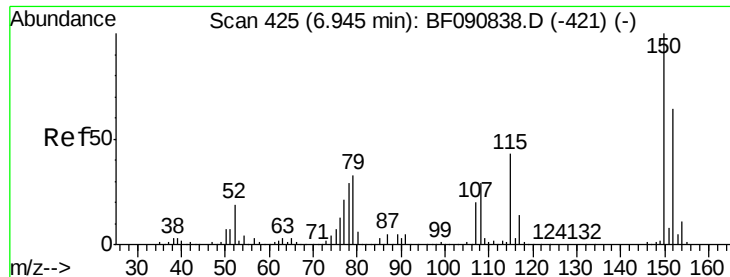
Ion Ratio Lower Upper

94 100

65 40.3 0.7 40.7

66 79.3 0.8 40.8#

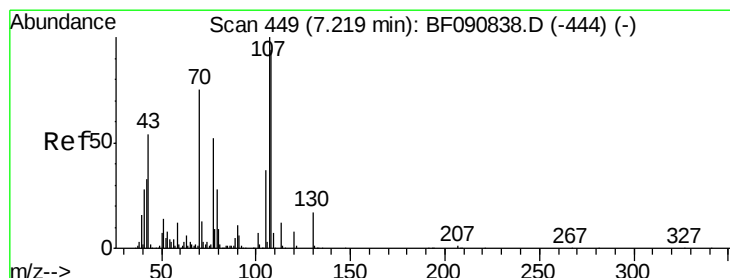
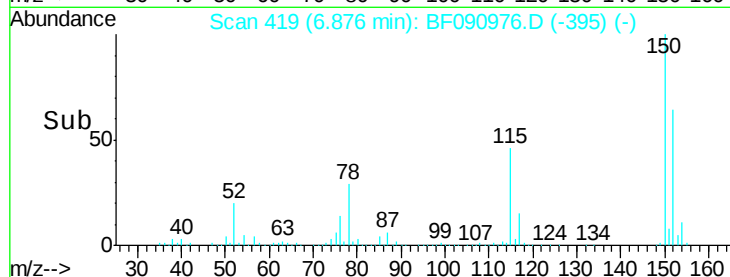
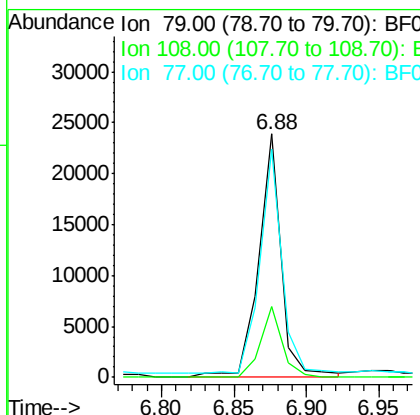
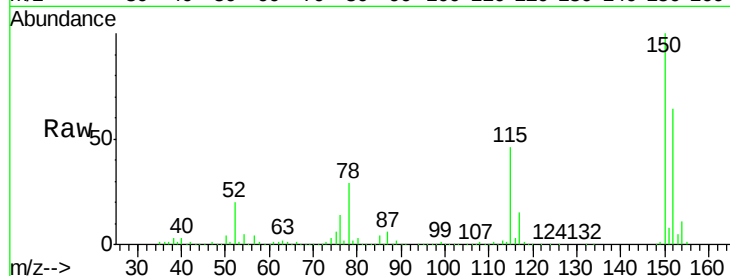




#15
Benzyl Alcohol
Concen: 2.74 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF090976.D
Acq: 2 Nov 2016 13:41

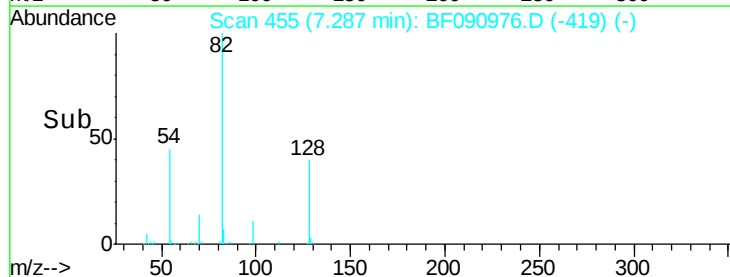
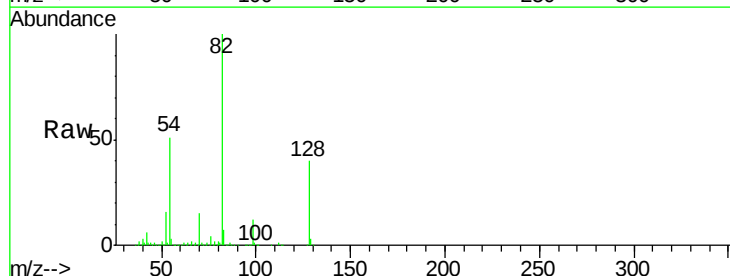
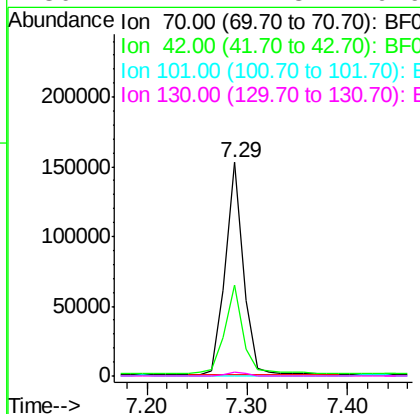
Instrument :
BNA_F
ClientSampleId :
SB-87-0.5-1.0

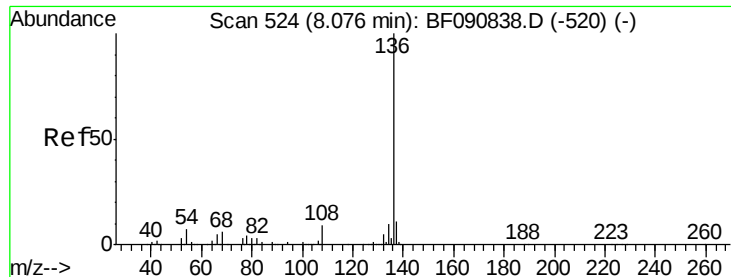
Tgt Ion: 79 Resp: 25787
Ion Ratio Lower Upper
79 100
108 28.9 88.6 132.8#
77 93.9 47.0 70.4#



#19
n-Nitroso-di-n-propylamine
Concen: 23.32 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.11 min
Lab File: BF090976.D
Acq: 2 Nov 2016 13:41

Tgt Ion: 70 Resp: 193287
Ion Ratio Lower Upper
70 100
42 42.7 63.8 95.6#
101 0.2 9.2 13.8#
130 2.1 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: BF090976.D

Acq: 2 Nov 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SB-87-0.5-1.0

Tgt Ion:136 Resp: 840225

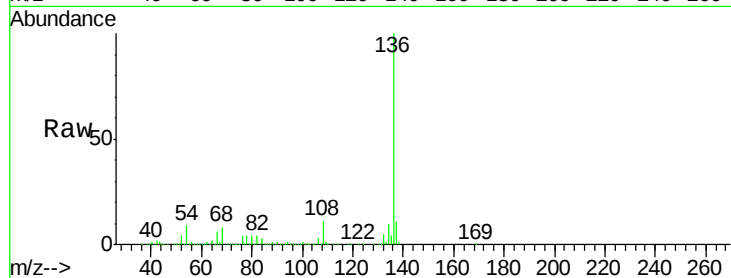
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.5 8.2 12.2

68 8.1 5.8 8.6

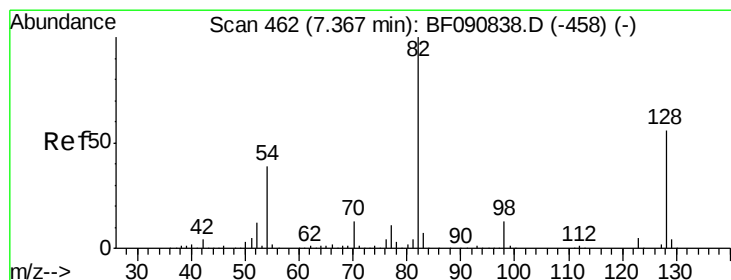
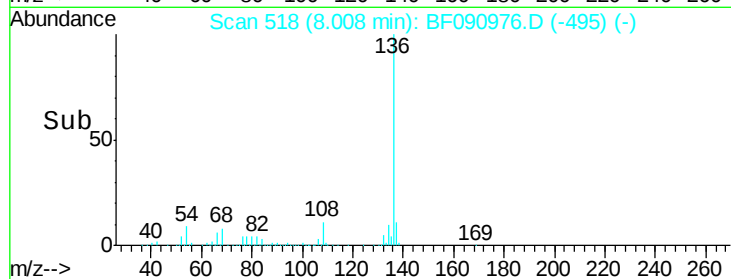
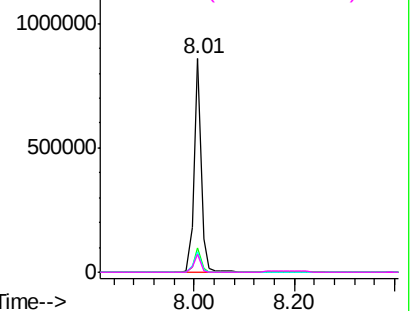


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.00 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

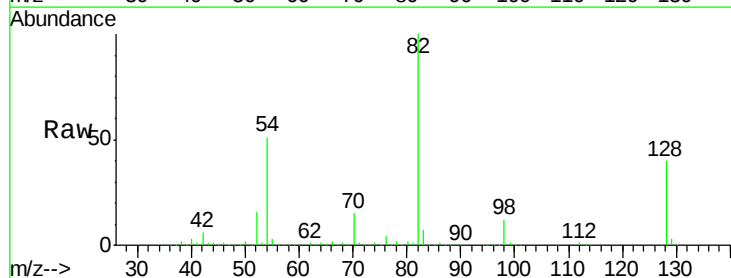
Tgt Ion: 82 Resp: 1399010

Ion Ratio Lower Upper

82 100

128 40.5 51.0 76.6#

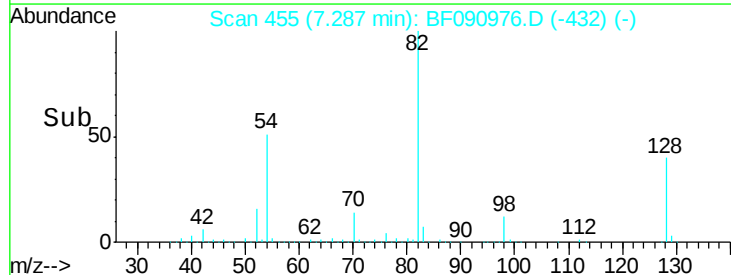
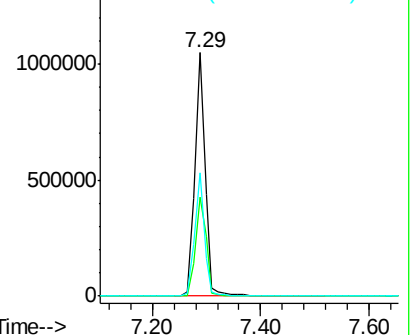
54 50.7 47.5 71.3

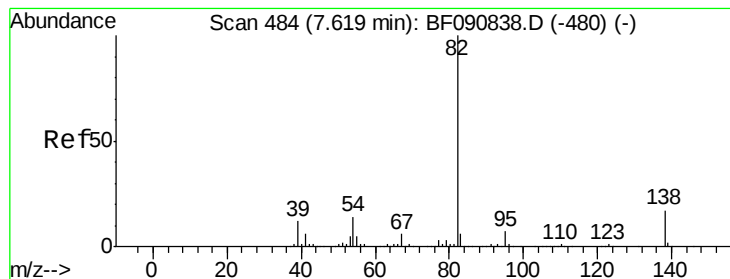


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.40 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.30 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SB-87-0.5-1.0

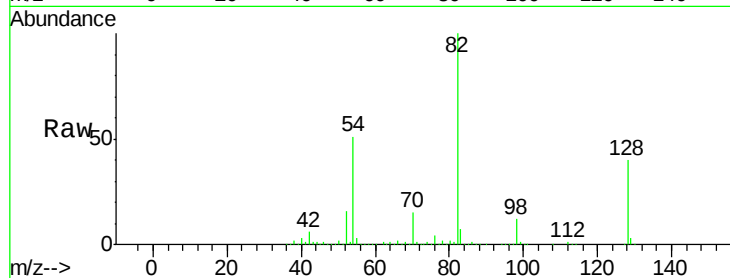
Tgt Ion: 82 Resp: 1078336

Ion Ratio Lower Upper

82 100

95 0.1 4.0 6.0#

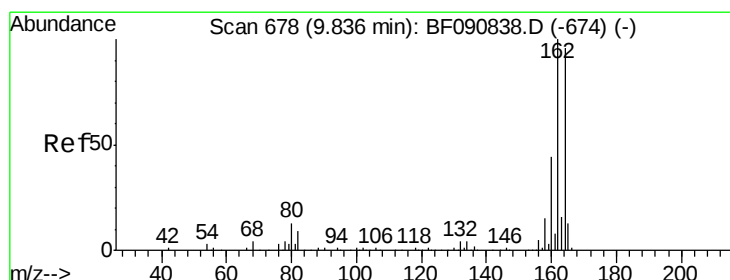
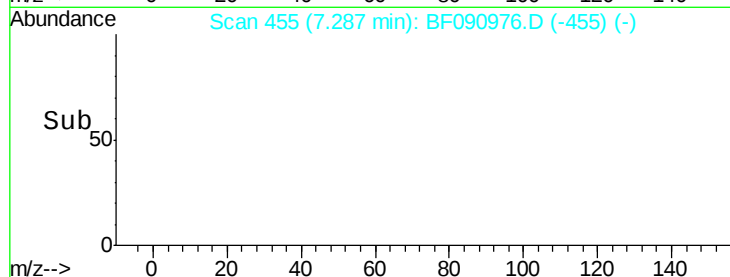
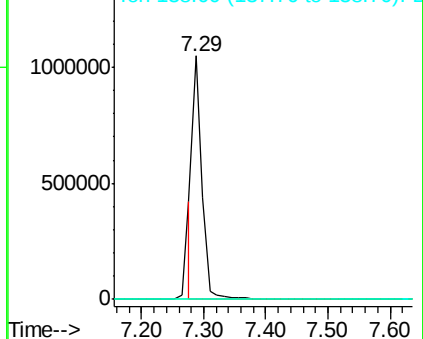
138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

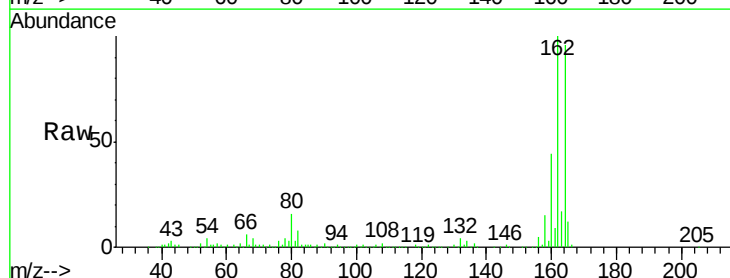
Tgt Ion:164 Resp: 425825

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

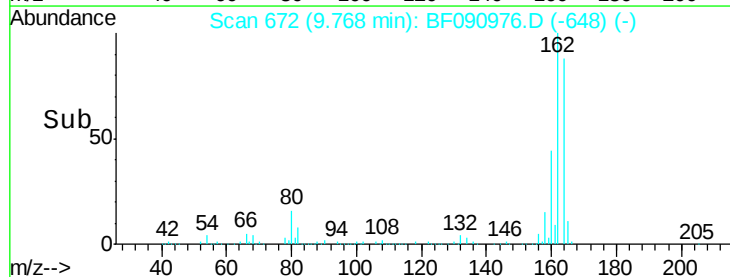
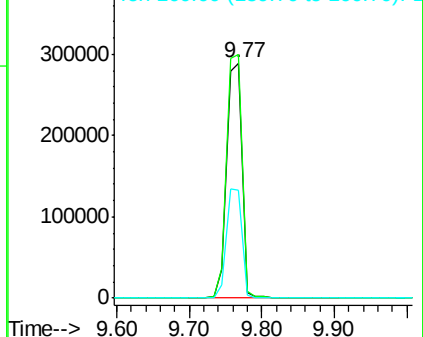
160 46.0 31.5 47.3

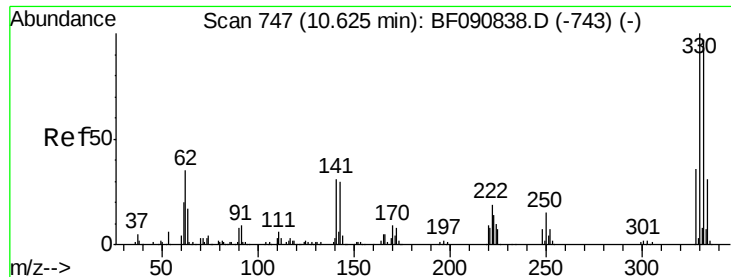


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

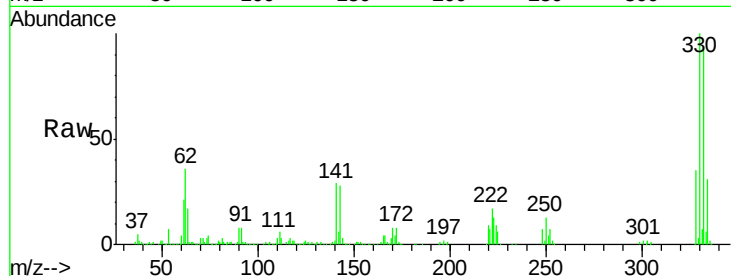




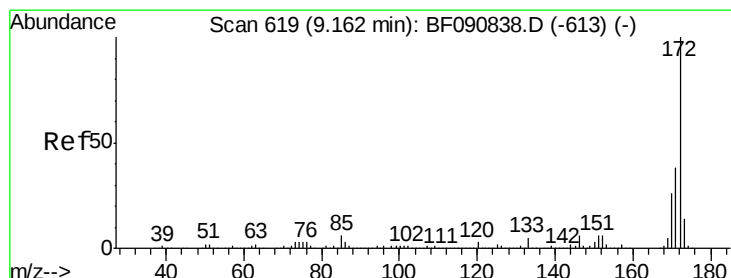
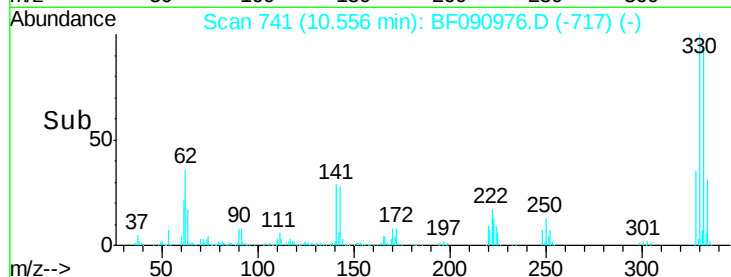
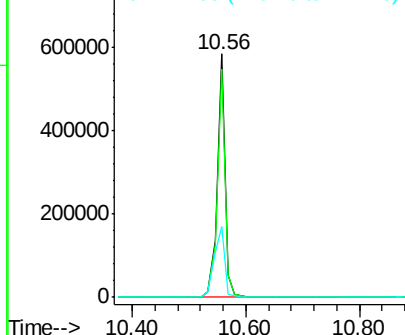
#41
 2,4,6-Tribromophenol
 Concen: 126.95 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-87-0.5-1.0

Tgt Ion:330 Resp: 55531
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 114.8
 141 38.4 29.7 44.5

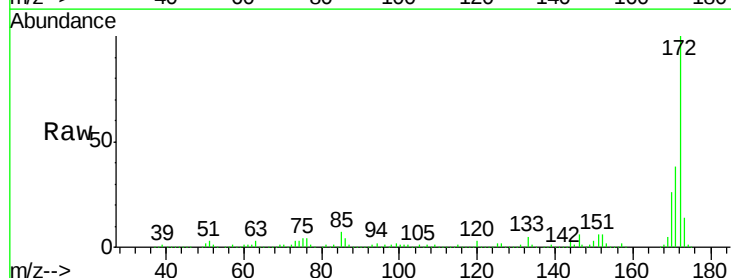


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.50 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Tgt Ion:172 Resp: 2315861
 Ion Ratio Lower Upper
 172 100
 171 38.0 26.1 39.1
 170 26.1 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

