

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF091000.D
 Acq On : 3 Nov 2016 00:34
 Operator : UM/SJ
 Sample : H5493-25DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)DL

Quant Time: Nov 03 01:05:50 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	6.73	152	161182	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	647026	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	332284	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	458043	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	351079	20.00	ng	0.01
86) Perylene-d12	15.32	264	396537	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1263767	137.09	ng	-0.01
7) Phenol-d6	6.37	99	1511556	121.53	ng	-0.02
23) Nitrobenzene-d5	7.29	82	968504	97.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	299056	87.58	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1510350	79.82	ng	-0.02
78) Terphenyl-d14	12.84	244	1148201	82.40	ng	-0.01

Target Compounds						Qvalue
15) Benzyl Alcohol	6.88	79	17665	2.16	ng	# 31
18) Hexachloroethane	7.26	117	17696	3.97	ng	# 65
19) n-Nitroso-di-n-propylamine	7.29	70	141554	19.69	ng	# 55
25) Isophorone	7.29	82	864571	43.10	ng	# 59
31) Naphthalene	8.03	128	612420	20.25	ng	# 98
33) 4-Chloroaniline	8.03	127	81563	6.67	ng	# 32
35) Caprolactam	8.44	113	9479	3.64	ng	# 1
37) 2-Methylnaphthalene	8.73	142	153107	7.84	ng	# 90
45) 1,1'-Biphenyl	9.20	154	70236	2.93	ng	# 94
47) 2-Nitroaniline	9.29	65	15615	3.04	ng	# 24
48) Acenaphthylene	9.63	152	1845898	66.96	ng	# 93
49) Dimethylphthalate	9.49	163	568275	25.60	ng	# 98
51) Acenaphthene	9.80	154	499164	26.29	ng	# 87
54) Dibenzofuran	9.97	168	461147	18.82	ng	# 76
55) 4-Nitrophenol	9.87	139	15837	4.98	ng	# 53
56) 2,4-Dinitrotoluene	9.97	165	20787	3.41	ng	# 1
57) Fluorene	10.32	166	1296613	64.61	ng	# 91
61) 4-Nitroaniline	10.32	138	15698	3.04	ng	# 76
65) n-Nitrosodiphenylamine	10.43	169	131953	9.40	ng	# 88
70) Phenanthrene	11.29	178	4846243	207.76	ng	# 91
71) Anthracene	11.33	178	2668796	108.66	ng	# 93
72) Carbazole	11.49	167	219657	10.13	ng	# 85
73) Di-n-butylphthalate	11.83	149	87469	3.13	ng	# 80
74) Fluoranthene	12.50	202	6491079	254.11	ng	# 89
77) Pyrene	12.57	202	1036824	46.67	ng	# 94
80) Benzo(a)anthracene	13.91	228	4122706	221.27	ng	# 82
82) Chrysene	13.91	228	4122706	218.76	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.51	276	453122	27.13	ng	# 93
87) Benzo(b)fluoranthene	14.93	252	5993442	224.78	ng	# 86
88) Benzo(k)fluoranthene	14.93	252	5993442	284.43	ng	# 87
89) Benzo(a)pyrene	15.28	252	3479822	151.89	ng	# 83
90) Dibenzo(a,h)anthracene	16.68	278	625109	32.23	ng	# 77
91) Benzo(g,h,i)perylene	17.09	276	2013357	110.22	ng	# 73

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SB-6(0-2)DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

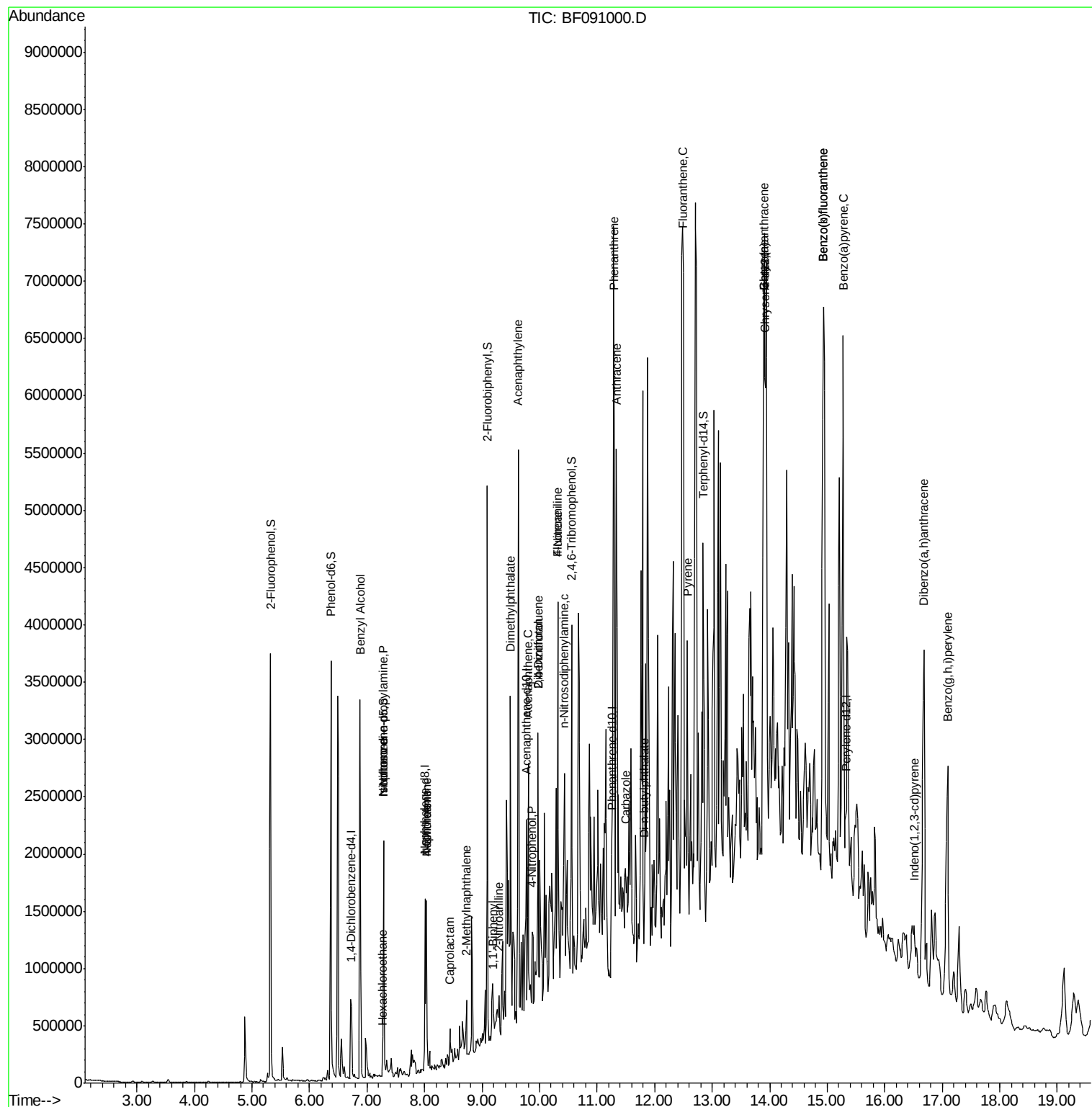
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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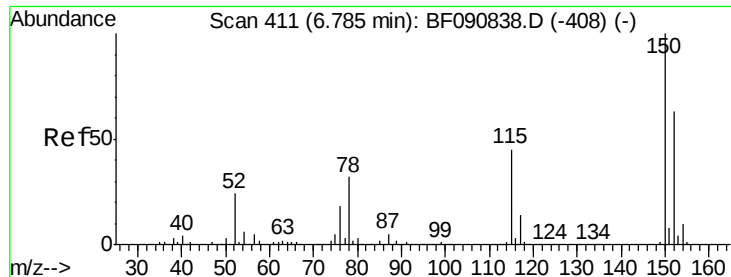
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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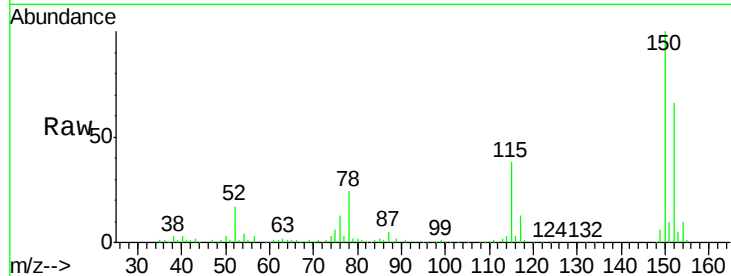


#1

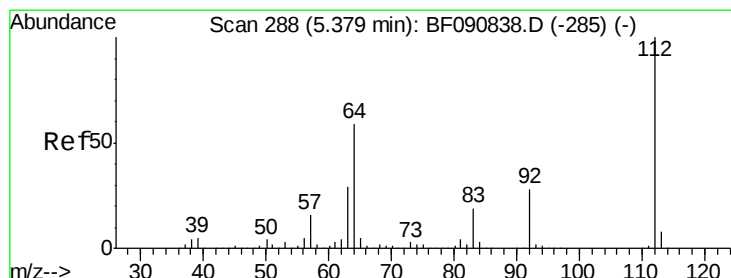
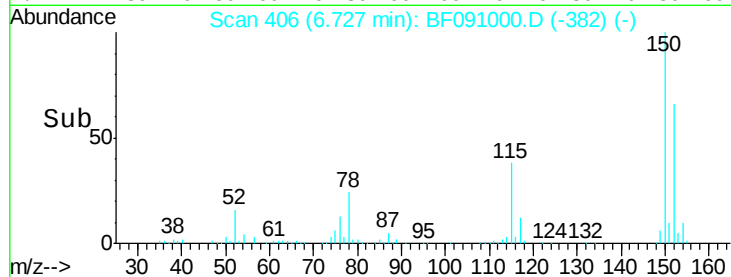
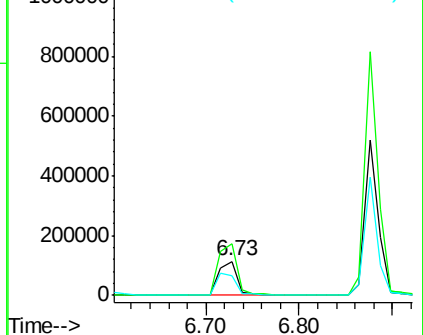
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Instrument :
BNA_F
ClientSampled :
SB-6(0-2)DL

Tgt Ion:152 Resp: 161182
Ion Ratio Lower Upper
152 100
150 151.1 124.7 187.1
115 57.9 39.0 58.4



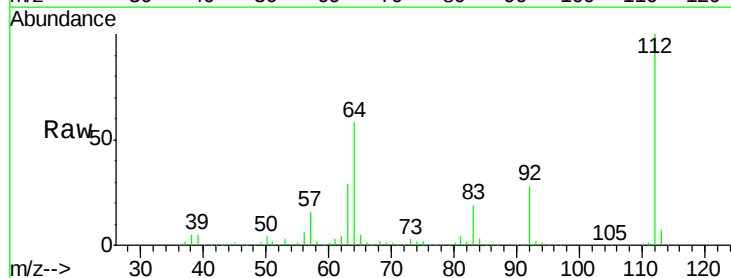
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



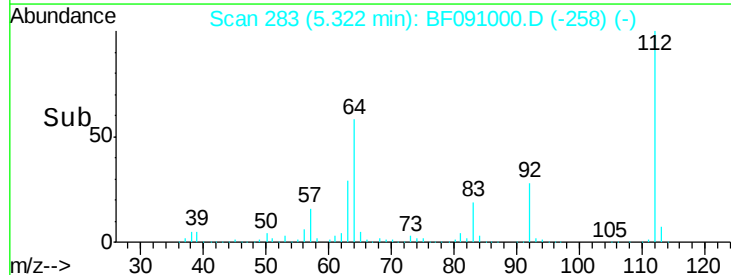
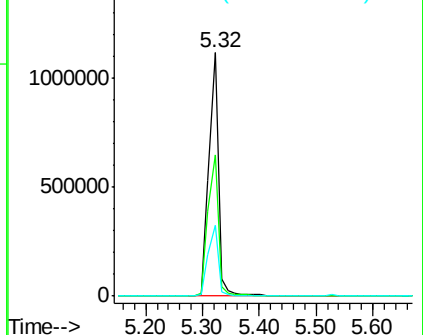
#5

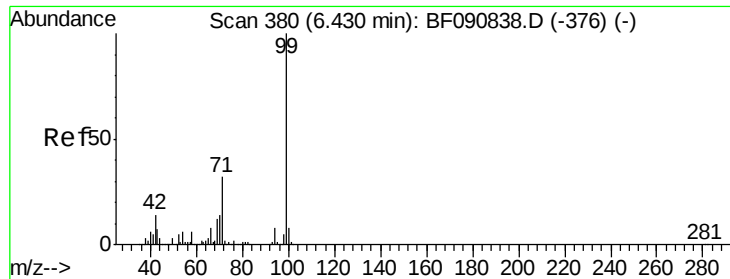
2-Fluorophenol
Concen: 137.09 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:112 Resp: 1263767
Ion Ratio Lower Upper
112 100
64 58.2 39.7 59.5
63 29.3 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: 121.53 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF091000.D

Acq: 3 Nov 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SB-6(0-2)DL

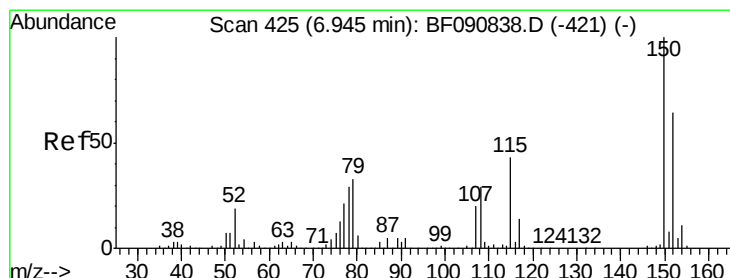
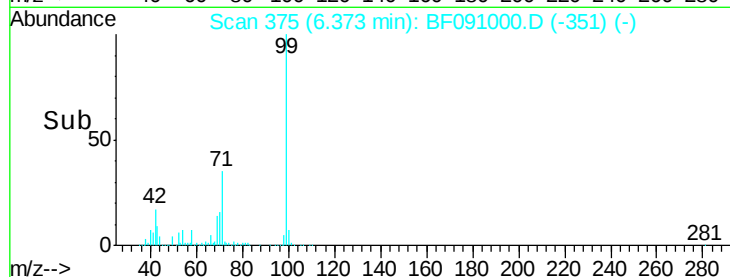
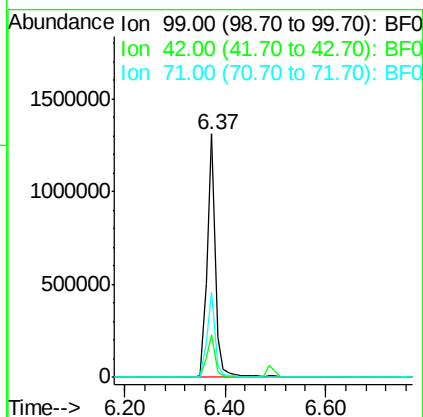
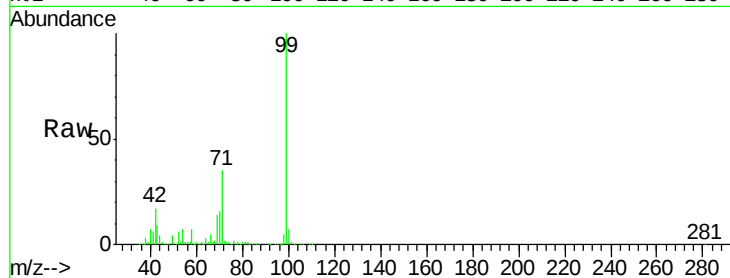
Tgt Ion: 99 Resp: 1511556

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 34.9 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF091000.D

Acq: 3 Nov 2016 00:34

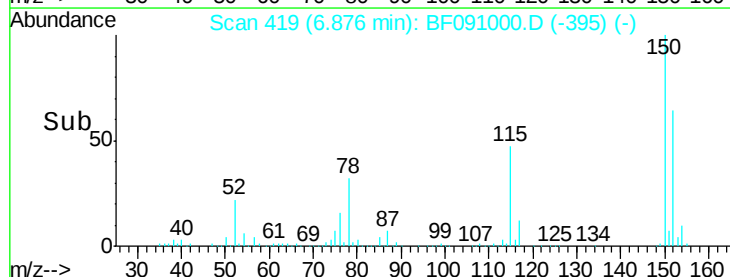
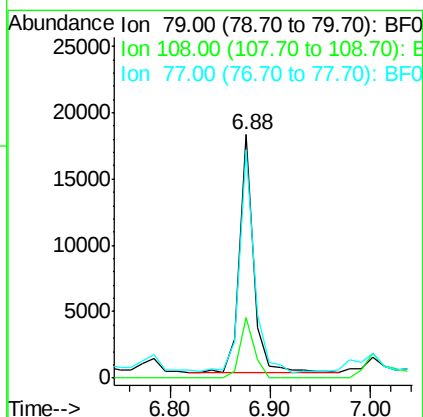
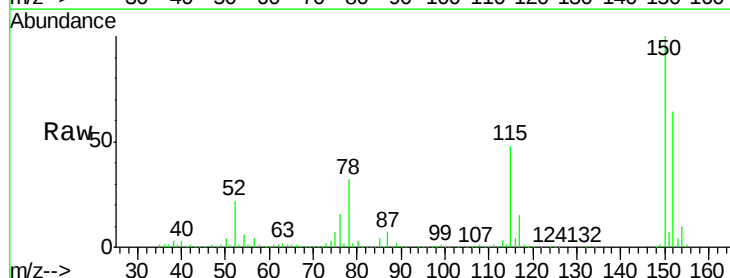
Tgt Ion: 79 Resp: 17665

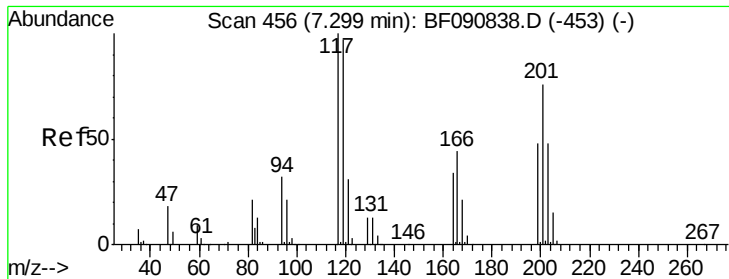
Ion Ratio Lower Upper

79 100

108 24.7 88.6 132.8#

77 93.9 47.0 70.4#





#18

Hexachloroethane

Concen: 3.97 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF091000.D

Acq: 3 Nov 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SB-6(0-2)DL

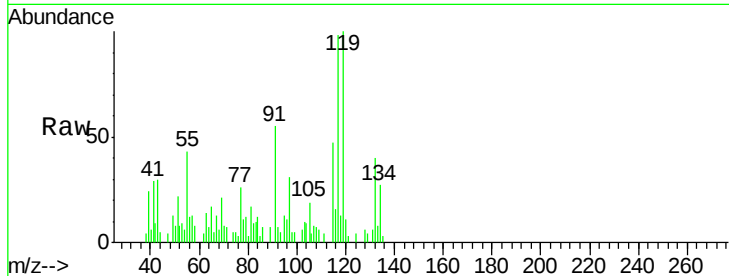
Tgt Ion:117 Resp: 17696

Ion Ratio Lower Upper

117 100

119 101.9 83.8 125.6

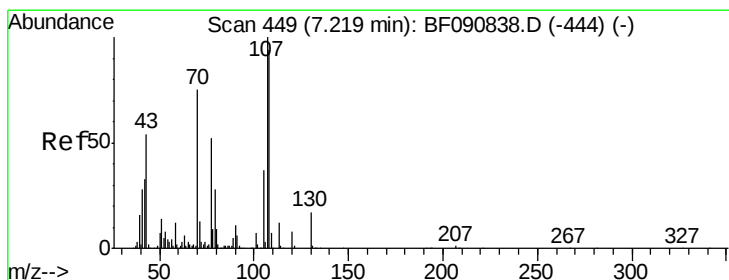
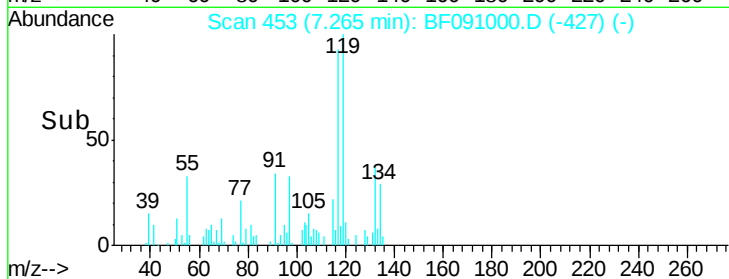
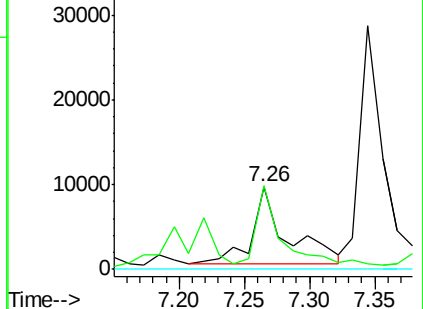
201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 19.69 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.11 min

Lab File: BF091000.D

Acq: 3 Nov 2016 00:34

Tgt Ion: 70 Resp: 141554

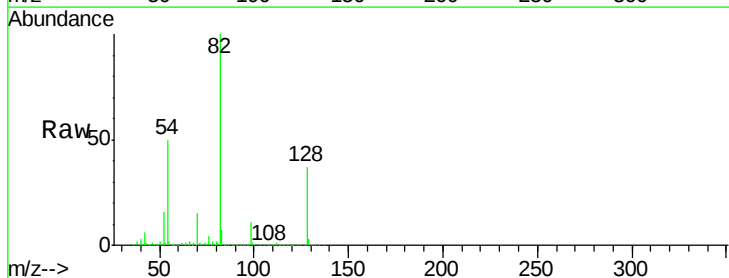
Ion Ratio Lower Upper

70 100

42 41.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

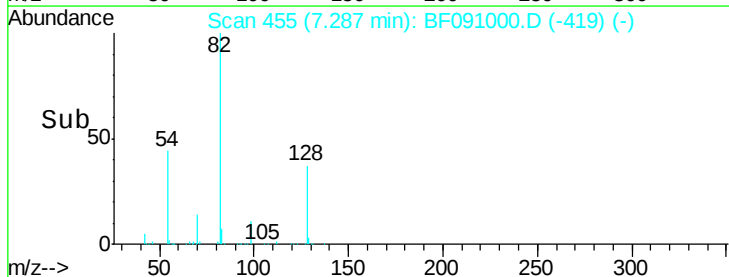
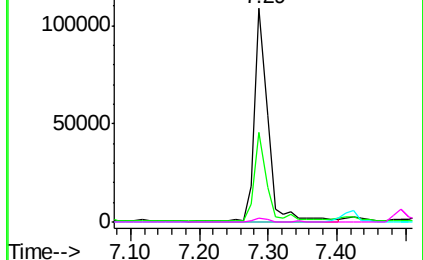


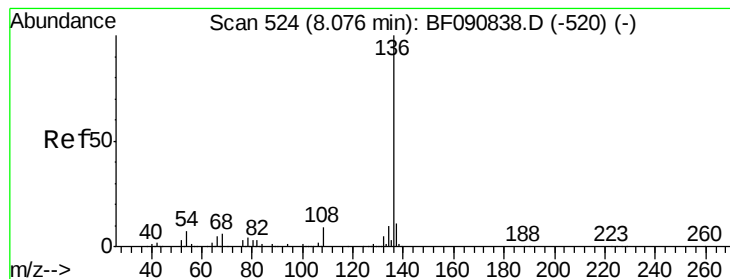
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF091000.D

Acq: 3 Nov 2016 00:34

Instrument :

BNA_F

ClientSampleId :

SB-6(0-2)DL

Tgt Ion:136 Resp: 647026

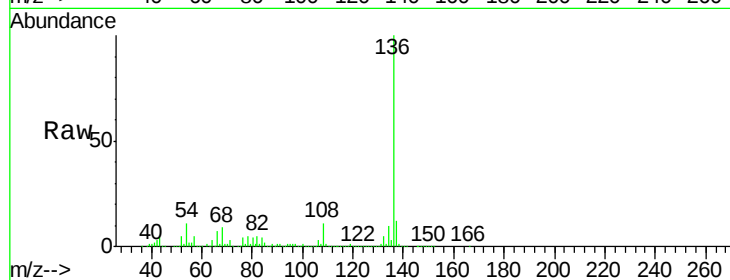
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 11.1 8.2 12.2

68 9.2 5.8 8.6#

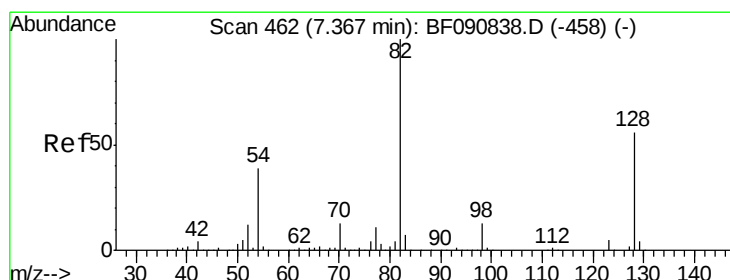
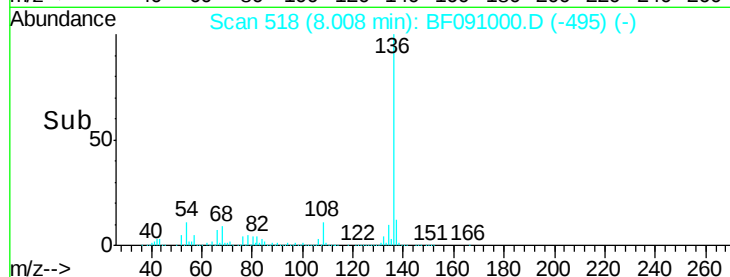
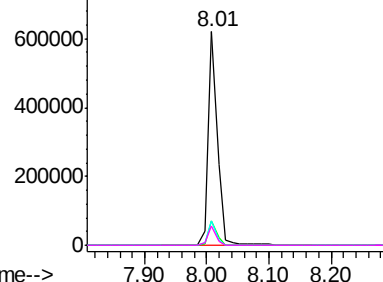


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.99 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF091000.D

Acq: 3 Nov 2016 00:34

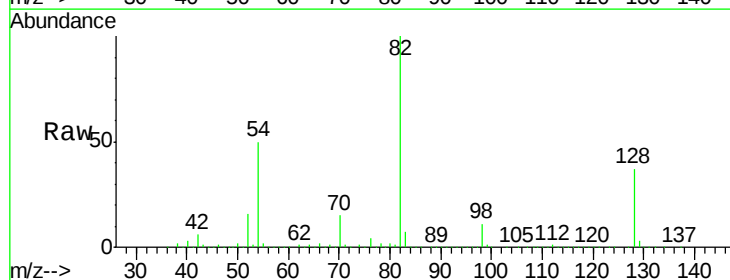
Tgt Ion: 82 Resp: 968504

Ion Ratio Lower Upper

82 100

128 37.1 51.0 76.6#

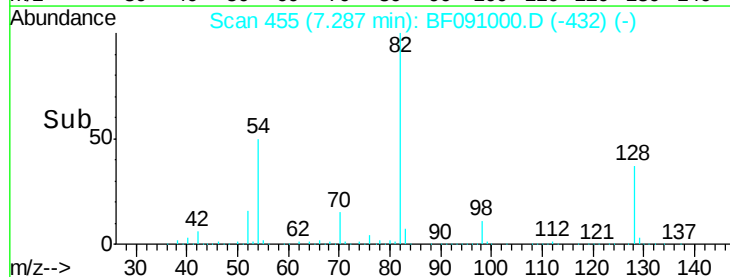
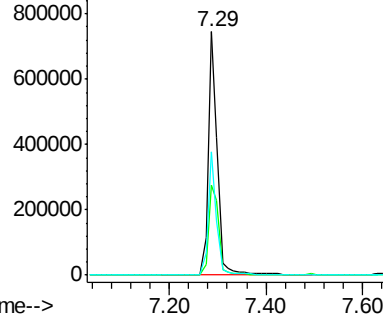
54 50.4 47.5 71.3

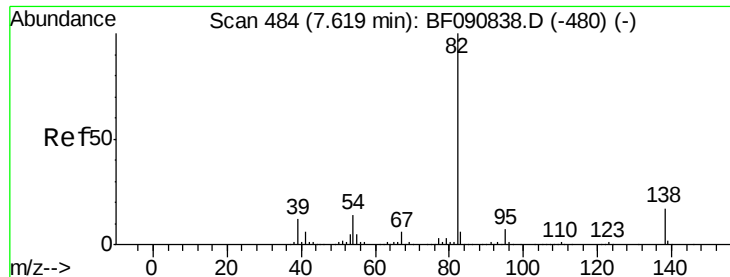


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.10 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.30 min

Lab File: BF091000.D

Acq: 3 Nov 2016 00:34

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SB-6(0-2)DL

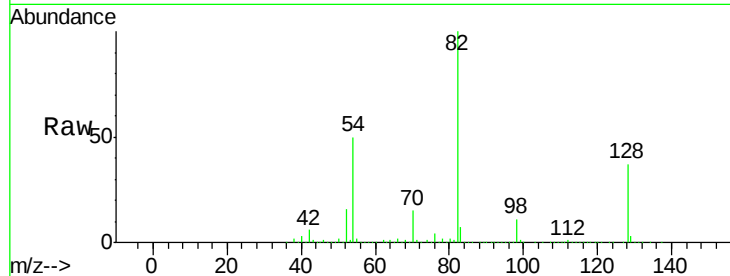
Tgt Ion: 82 Resp: 864571

Ion Ratio Lower Upper

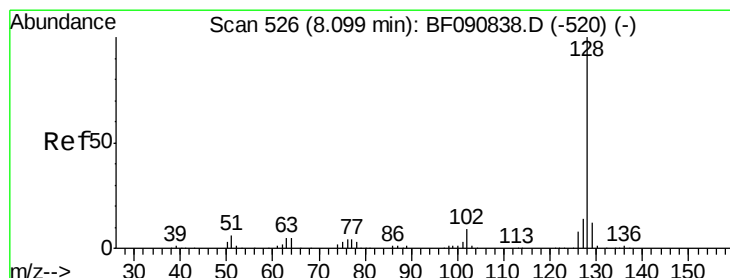
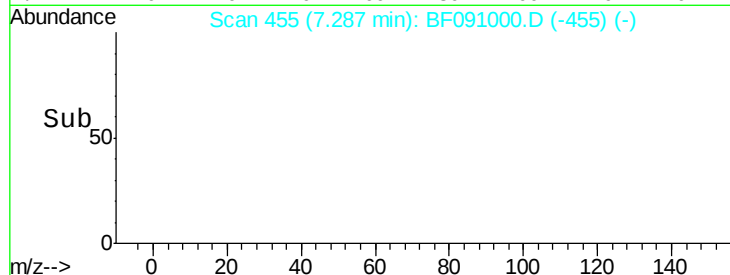
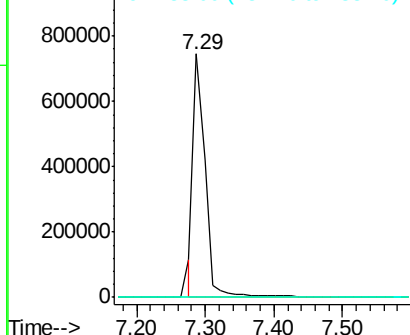
82 100

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



#31

Naphthalene

Concen: 20.25 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF091000.D

Acq: 3 Nov 2016 00:34

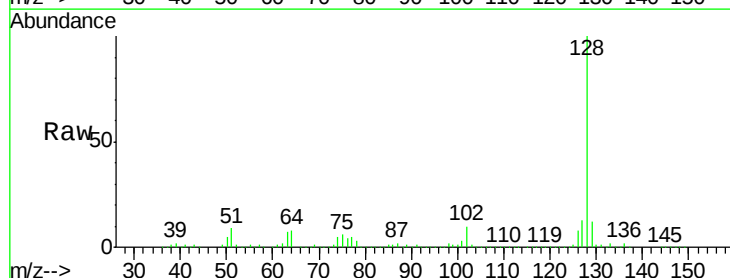
Tgt Ion: 128 Resp: 612420

Ion Ratio Lower Upper

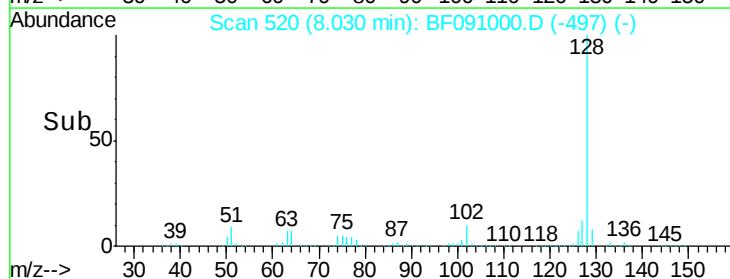
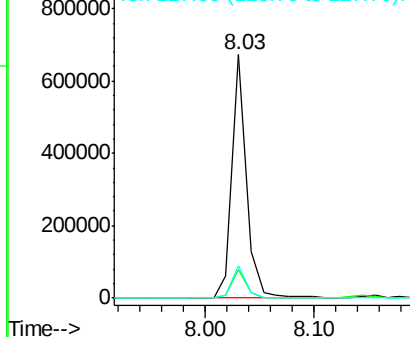
128 100

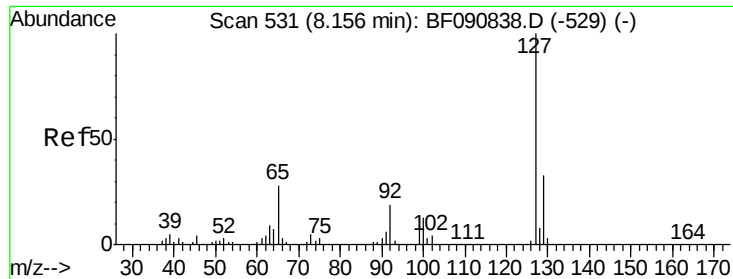
129 11.6 8.4 12.6

127 13.2 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

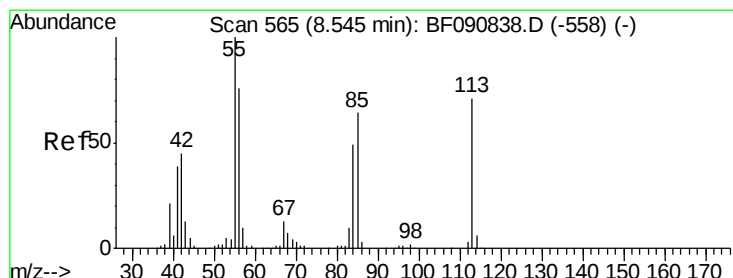
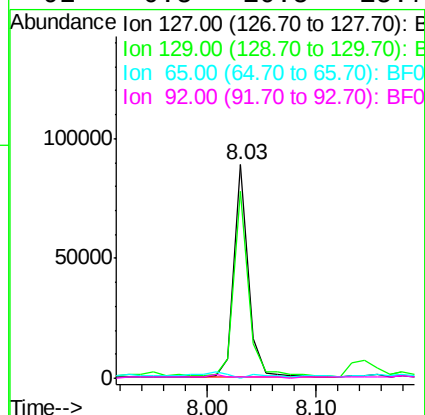
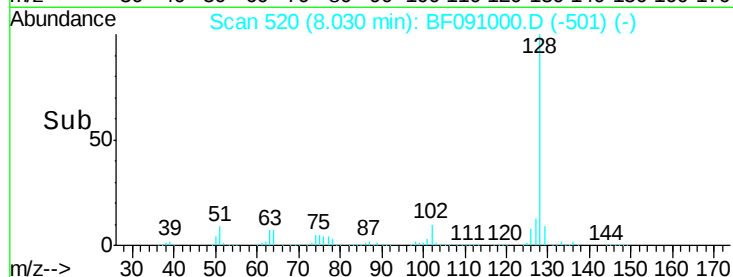
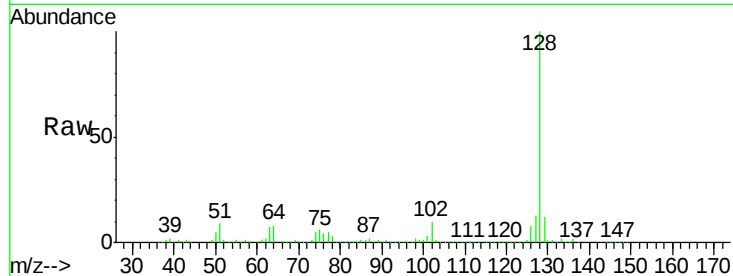




#33
4-Chloroaniline
Concen: 6.67 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.08 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Instrument :
BNA_F
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SB-6(0-2)DL

Tgt Ion	Ratio	Lower	Upper
127	100		
129	87.4	25.8	38.6#
65	0.0	17.9	26.9#
92	0.5	10.5	15.7#



#35
Caprolactam
Concen: 3.64 ng
RT: 8.44 min Scan# 556
Delta R.T. -0.05 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion	Ratio	Lower	Upper
113	100		
55	368.0	152.4	192.4#
56	348.2	104.6	144.6#

