

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
 Data File : BF091062.D
 Acq On : 7 Nov 2016 18:06
 Operator : UM/SJ
 Sample : H5539-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF018-01

Quant Time: Nov 07 23:56:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	198578	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	798613	20.00	ng	-0.05
38) Acenaphthene-d10	9.71	164	428465	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	602675	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	430075	20.00	ng	-0.03
86) Perylene-d12	15.21	264	385571	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1539999	128.08	ng	-0.02
7) Phenol-d6	6.33	99	1875064	114.89	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1267404	86.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	441790	114.05	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1818165	73.06	ng	-0.03
78) Terphenyl-d14	12.79	244	1630275	94.59	ng	-0.02

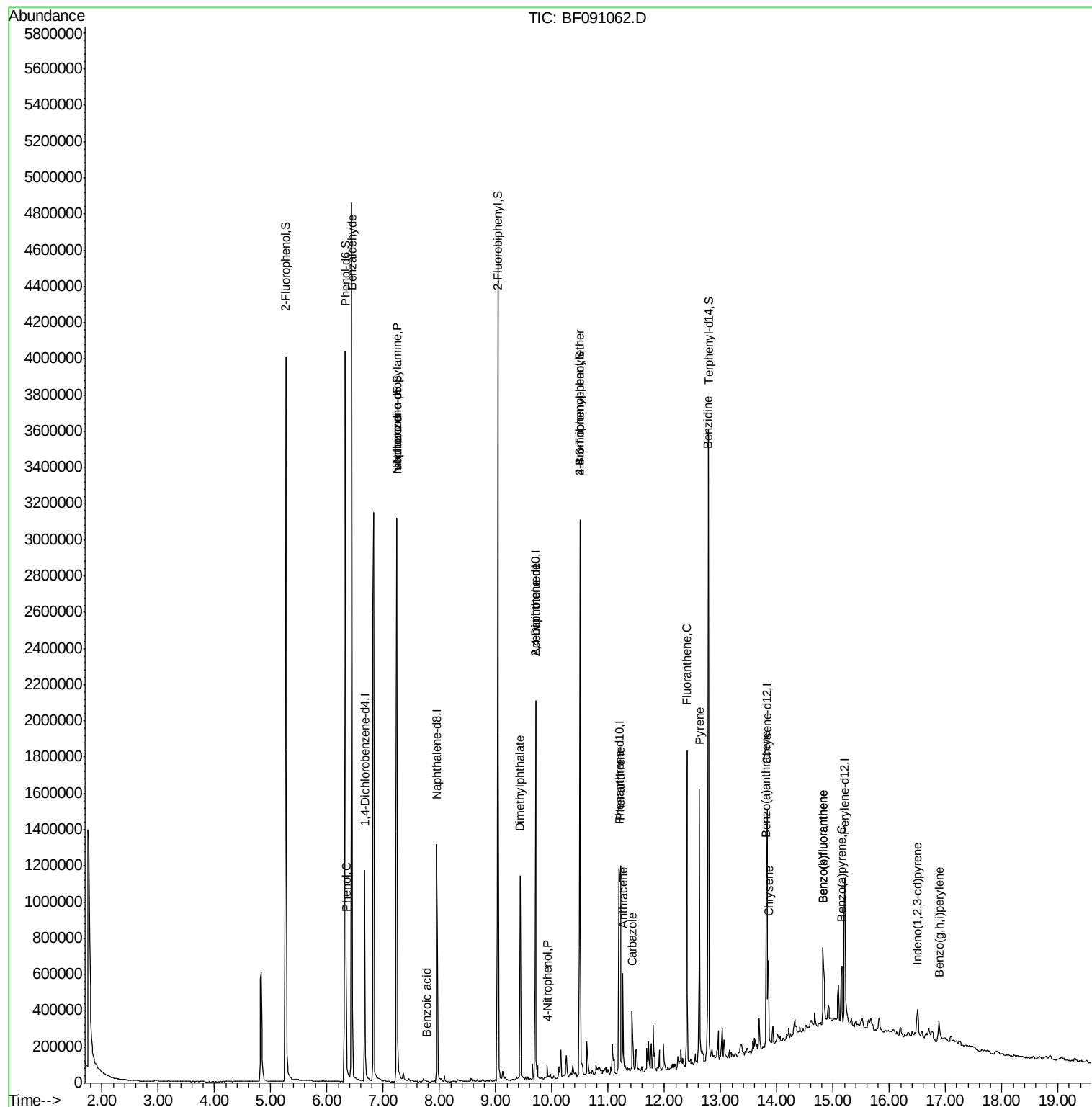
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	36515	4.03	ng	88
10) Phenol	6.34	94	154507	8.55	ng	# 53
19) n-Nitroso-di-n-propylamine	7.24	70	176477	15.60	ng	# 76
25) Isophorone	7.24	82	1234954	43.78	ng	# 67
32) Benzoic acid	7.78	122	217	5.10	ng	# 1
49) Dimethylphthalate	9.44	163	407066	14.49	ng	99
55) 4-Nitrophenol	9.92	139	10551	7.79	ng	# 6
56) 2,4-Dinitrotoluene	9.71	165	56640	7.39	ng	# 26
66) 4-Bromophenyl-phenylether	10.50	248	28188	4.50	ng	# 1
70) Phenanthrene	11.22	178	615113	19.20	ng	98
71) Anthracene	11.26	178	211588	6.21	ng	98
72) Carbazole	11.42	167	78625	2.56	ng	98
74) Fluoranthene	12.40	202	658519	19.82	ng	98
76) Benzidine	12.77	184	21739	2.26	ng	95
77) Pyrene	12.63	202	566527	20.11	ng	98
80) Benzo(a)anthracene	13.81	228	243787	9.98	ng	99
82) Chrysene	13.85	228	143736	5.97	ng	97
85) Indeno(1,2,3-cd)pyrene	16.50	276	91070	4.56	ng	# 92
87) Benzo(b)fluoranthene	14.82	252	285848	10.93	ng	# 94
88) Benzo(k)fluoranthene	14.82	252	285848	12.46	ng	98
89) Benzo(a)pyrene	15.15	252	168122	7.38	ng	97
91) Benzo(g,h,i)perylene	16.89	276	83579	4.70	ng	96

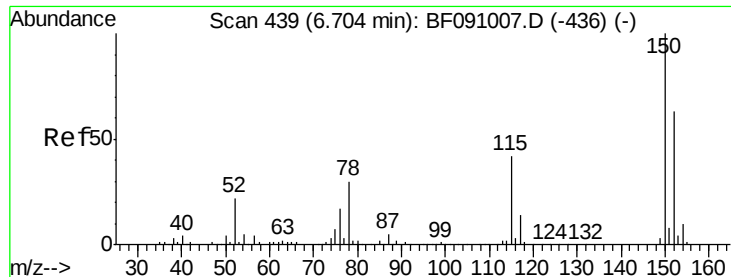
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF091062.D

Acq: 7 Nov 2016 18:06

Instrument :

BNA_F

ClientSampleId :

V001-BF018-01

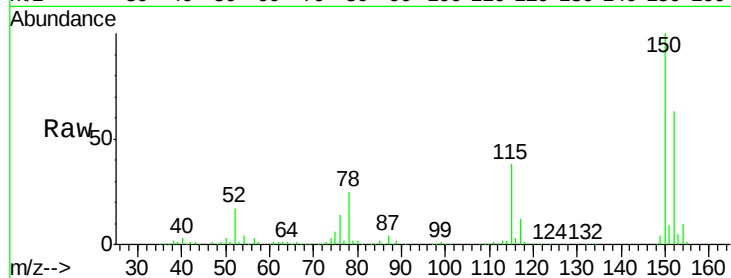
Tgt Ion:152 Resp: 198578

Ion Ratio Lower Upper

152 100

150 158.2 126.8 190.2

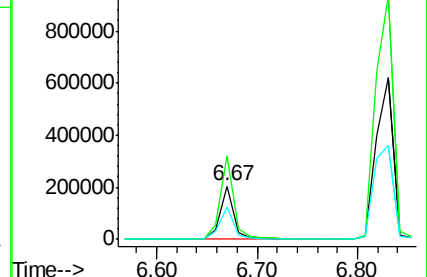
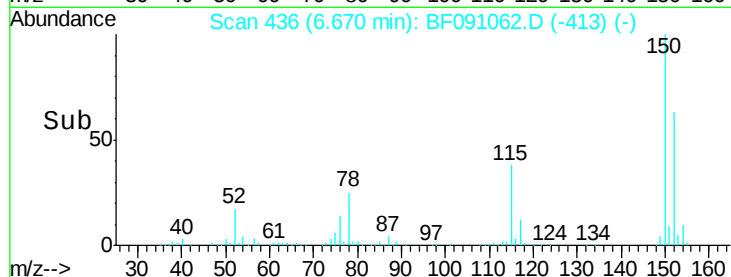
115 60.6 53.3 79.9



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: 128.08 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF091062.D

Acq: 7 Nov 2016 18:06

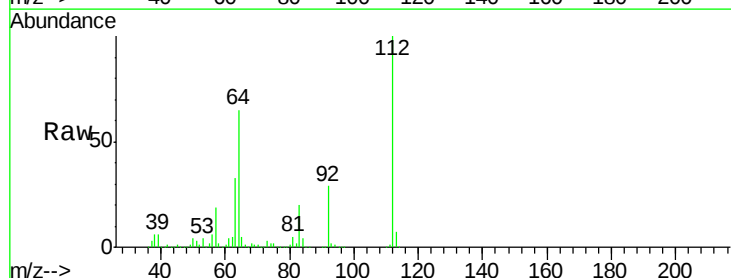
Tgt Ion:112 Resp: 1539999

Ion Ratio Lower Upper

112 100

64 64.9 55.8 83.6

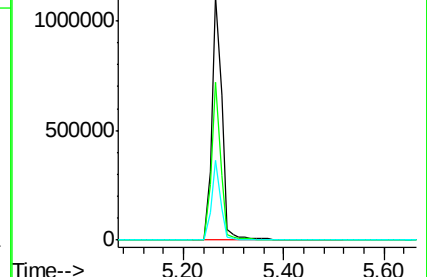
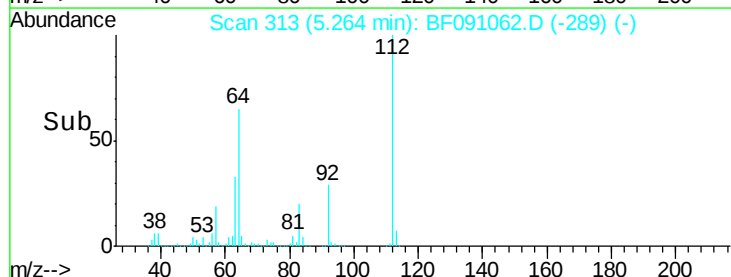
63 32.8 28.0 42.0

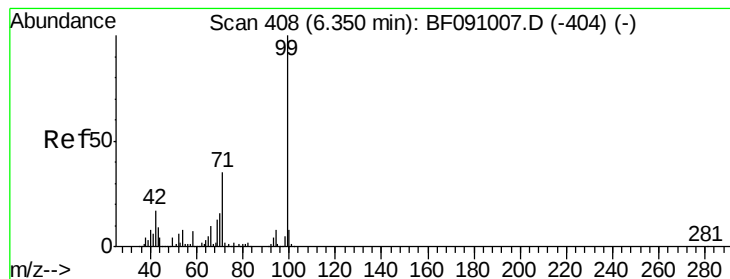


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.89 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091062.D

Acq: 7 Nov 2016 18:06

Instrument :

BNA_F

ClientSampleId :

V001-BF018-01

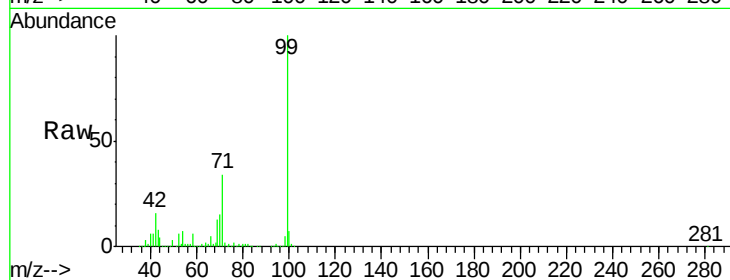
Tgt Ion: 99 Resp: 1875064

Ion Ratio Lower Upper

99 100

42 15.9 13.9 20.9

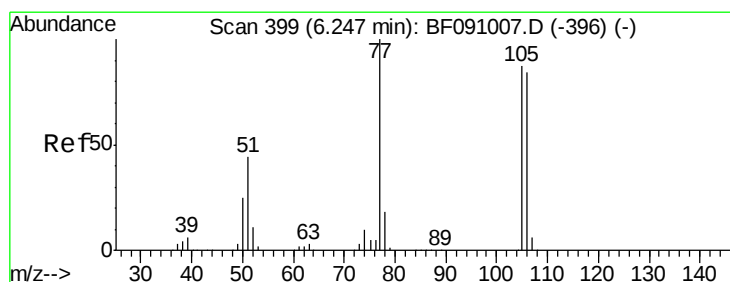
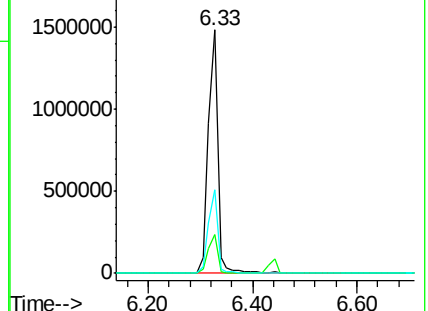
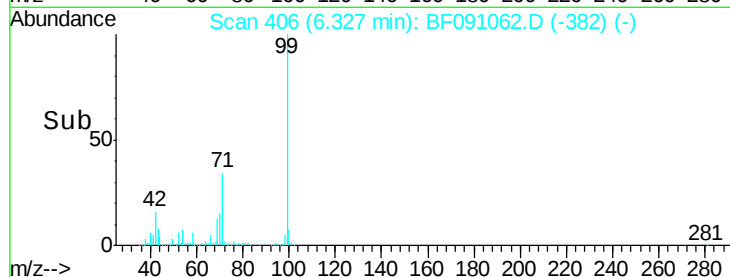
71 34.1 27.8 41.8



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: 4.03 ng

RT: 6.44 min Scan# 416

Delta R.T. 0.19 min

Lab File: BF091062.D

Acq: 7 Nov 2016 18:06

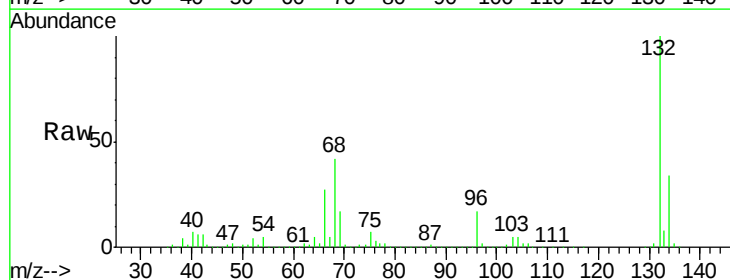
Tgt Ion: 77 Resp: 36515

Ion Ratio Lower Upper

77 100

105 78.4 66.8 106.8

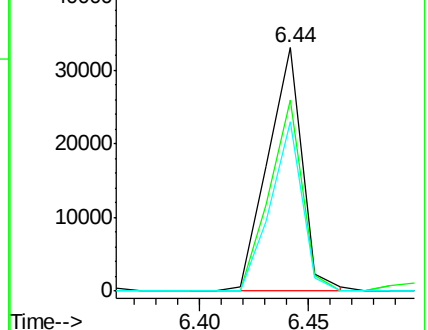
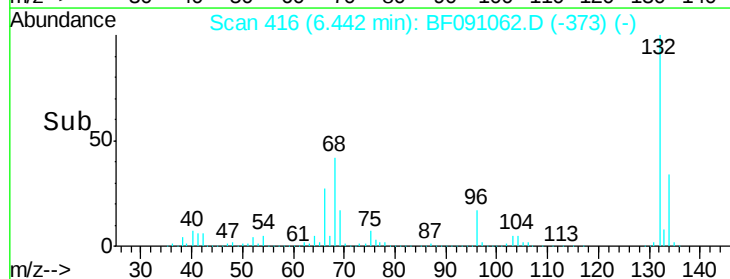
106 69.8 64.0 104.0

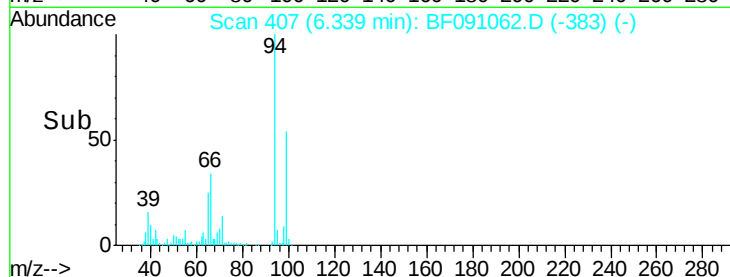
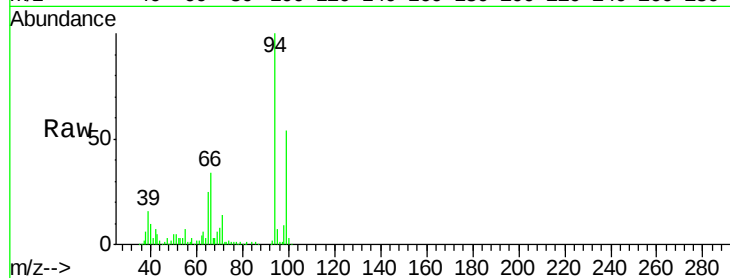
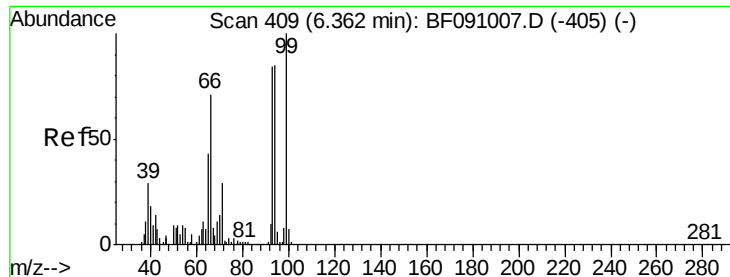


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 8.55 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF091062.D

Acq: 7 Nov 2016 18:06

Instrument :

BNA_F

ClientSampleId :

V001-BF018-01

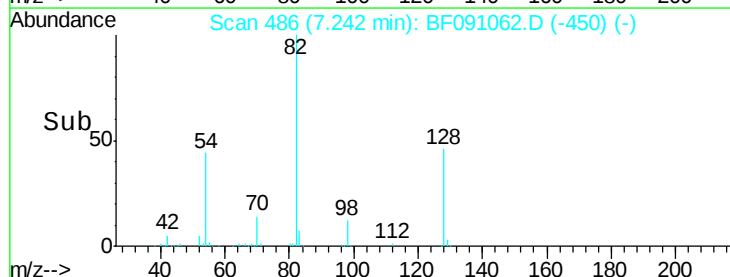
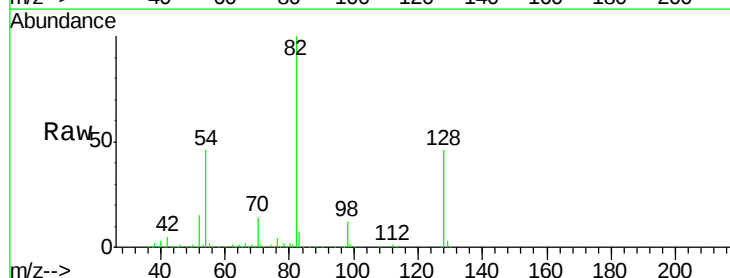
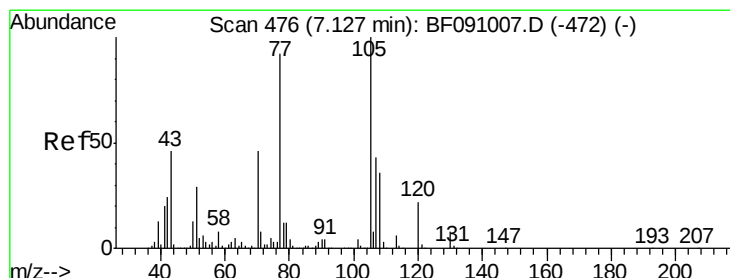
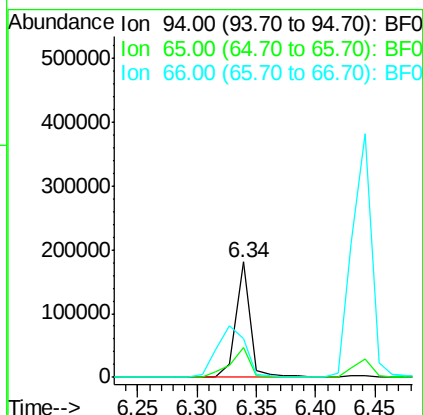
Tgt Ion: 94 Resp: 154507

Ion Ratio Lower Upper

94 100

65 25.5 30.4 70.4#

66 34.1 62.9 102.9#



#19

n-Nitroso-di-n-propylamine

Concen: 15.60 ng

RT: 7.24 min Scan# 486

Delta R.T. 0.11 min

Lab File: BF091062.D

Acq: 7 Nov 2016 18:06

Tgt Ion: 70 Resp: 176477

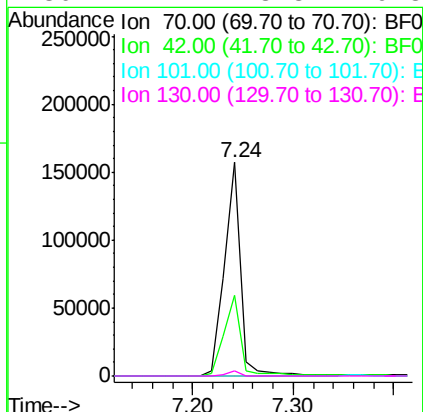
Ion Ratio Lower Upper

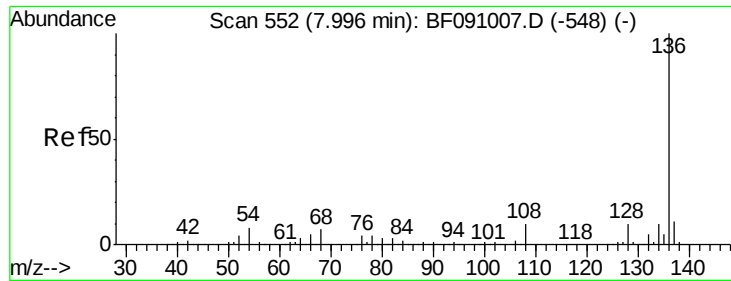
70 100

42 37.5 41.7 62.5#

101 0.0 6.7 10.1#

130 2.2 13.8 20.8#

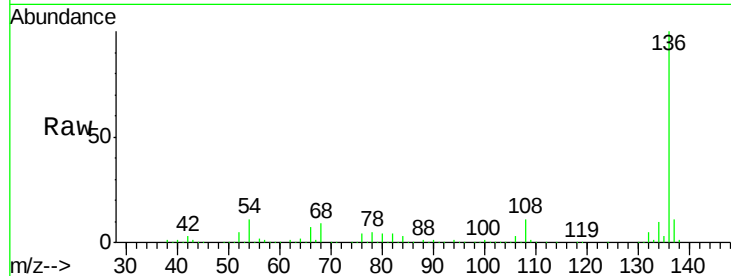




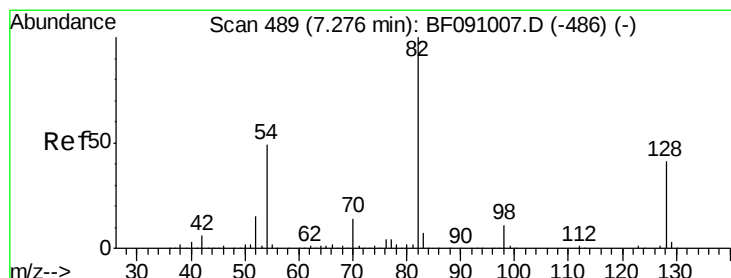
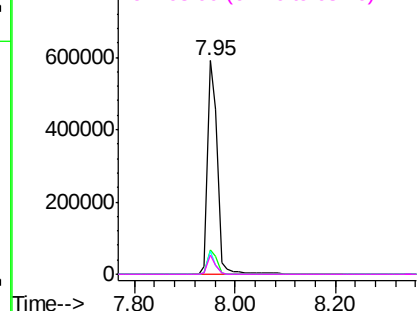
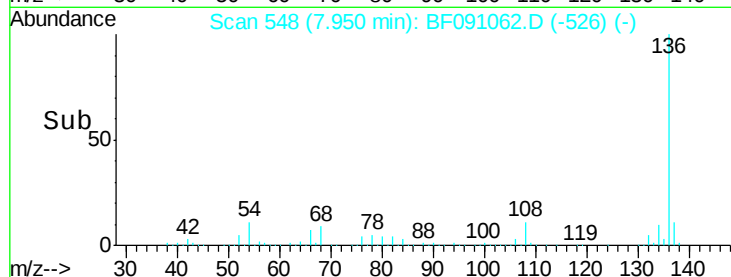
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF091062.D
Acq: 7 Nov 2016 18:06

Instrument :
BNA_F
ClientSampleId :
V001-BF018-01

Tgt Ion:136 Resp: 798613
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 11.0 6.2 9.2#
68 9.1 5.5 8.3#

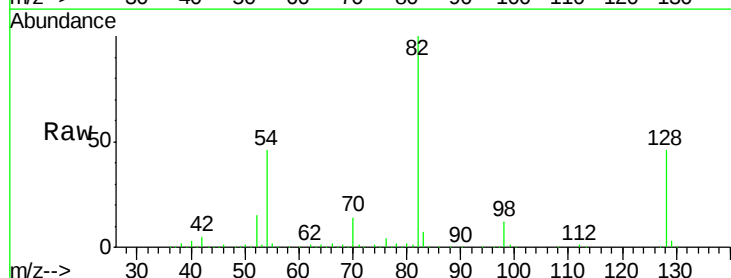


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 86.57 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF091062.D
Acq: 7 Nov 2016 18:06

Tgt Ion: 82 Resp: 1267404
Ion Ratio Lower Upper
82 100
128 46.0 32.4 48.6
54 46.2 39.2 58.8



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

