

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091101.D
 Acq On : 9 Nov 2016 00:02
 Operator : UM/SJ
 Sample : H5537-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF015-01

Quant Time: Nov 09 02:48:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	182892	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	725139	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	347714	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	486859	20.00	ng	0.00
75) Chrysene-d12	13.80	240	336794	20.00	ng	-0.01
86) Perylene-d12	15.19	264	318966	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	1232849	111.33	ng	0.01
7) Phenol-d6	6.32	99	1629010	108.38	ng	0.00
23) Nitrobenzene-d5	7.23	82	1005251	75.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	348594	110.89	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1470439	72.81	ng	-0.01
78) Terphenyl-d14	12.76	244	1162035	86.10	ng	0.00

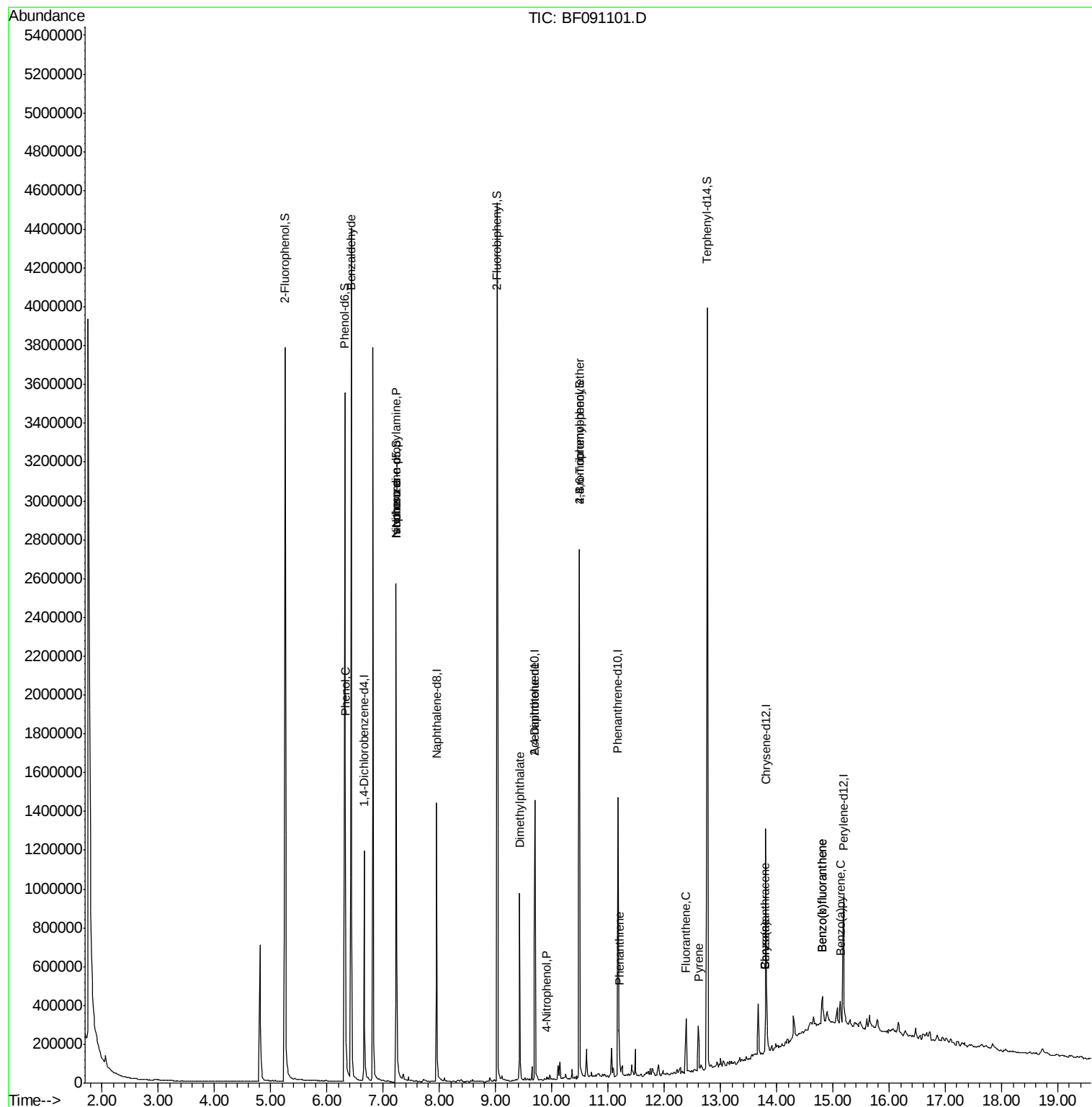
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	30161	3.62	ng	88
10) Phenol	6.33	94	122526	7.37	ng	# 74
19) n-Nitroso-di-n-propylamine	7.23	70	139384	13.38	ng	# 80
25) Isophorone	7.23	82	903094	35.26	ng	# 67
49) Dimethylphthalate	9.42	163	349465	15.33	ng	98
55) 4-Nitrophenol	9.90	139	1321	6.05	ng	# 17
56) 2,4-Dinitrotoluene	9.70	165	45303	7.29	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	24509	4.84	ng	# 1
70) Phenanthrene	11.20	178	77423	2.99	ng	97
74) Fluoranthene	12.39	202	124475	4.64	ng	90
77) Pyrene	12.60	202	109859	4.98	ng	96
80) Benzo(a)anthracene	13.79	228	60917	3.19	ng	98
82) Chrysene	13.79	228	60917	3.23	ng	96
87) Benzo(b)fluoranthene	14.81	252	97439	4.50	ng	# 92
88) Benzo(k)fluoranthene	14.81	252	97439	5.13	ng	# 96
89) Benzo(a)pyrene	15.13	252	48564	2.58	ng	# 92

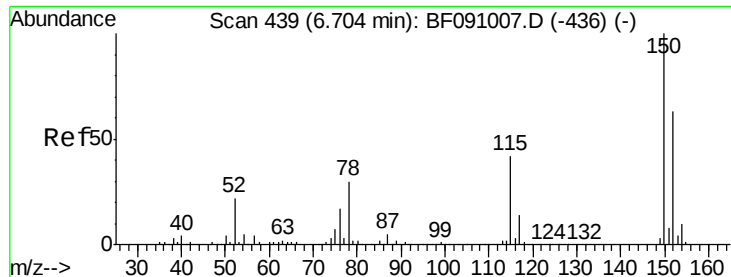
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

Instrument :

BNA_F

ClientSampleId :

V001-BF015-01

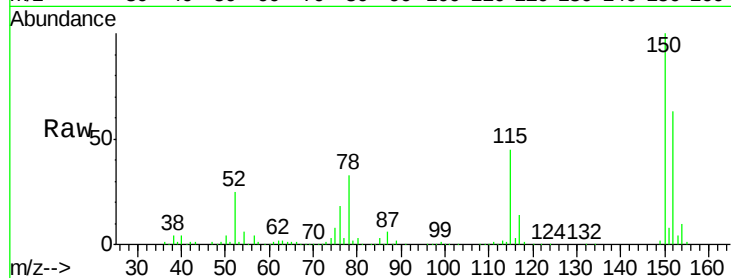
Tgt Ion:152 Resp: 182892

Ion Ratio Lower Upper

152 100

150 158.0 126.8 190.2

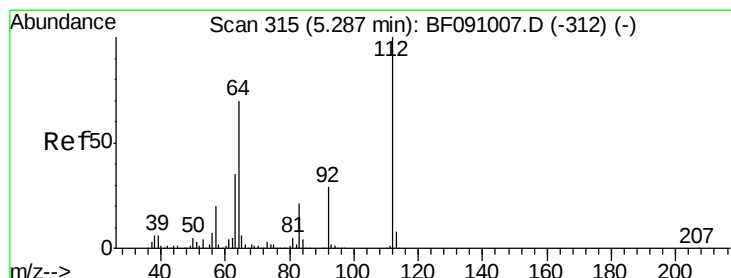
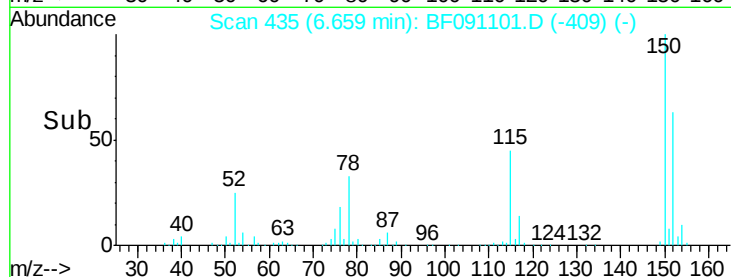
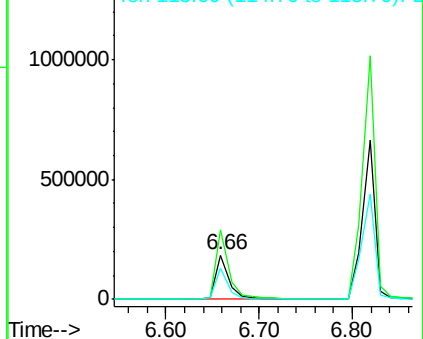
115 70.8 53.3 79.9



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: 111.33 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

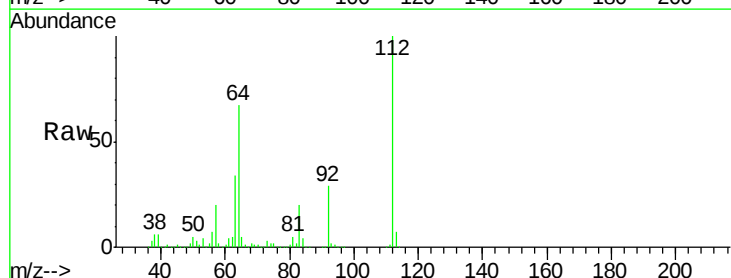
Tgt Ion:112 Resp: 1232849

Ion Ratio Lower Upper

112 100

64 66.5 55.8 83.6

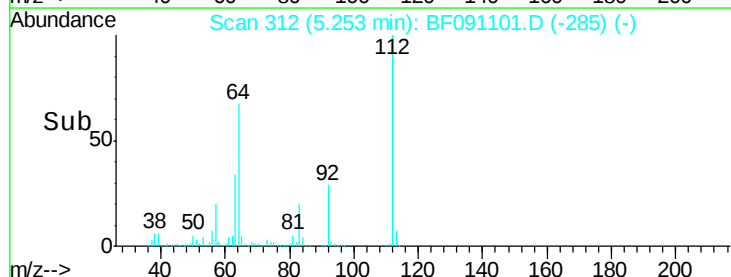
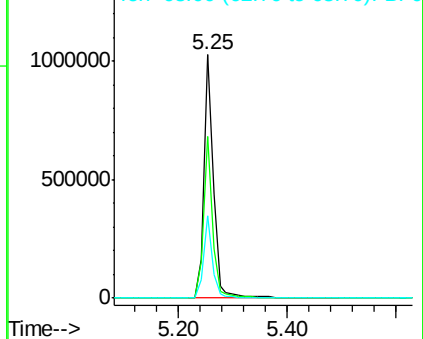
63 33.9 28.0 42.0

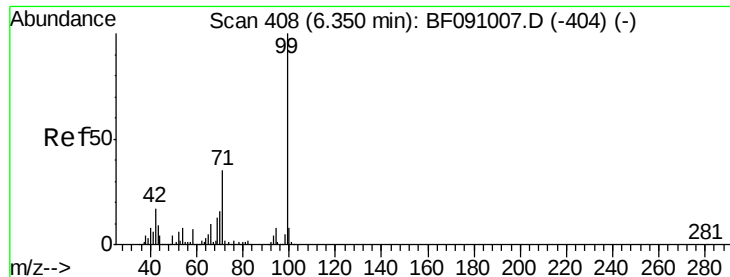


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.38 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

Instrument :

BNA_F

ClientSampleId :

V001-BF015-01

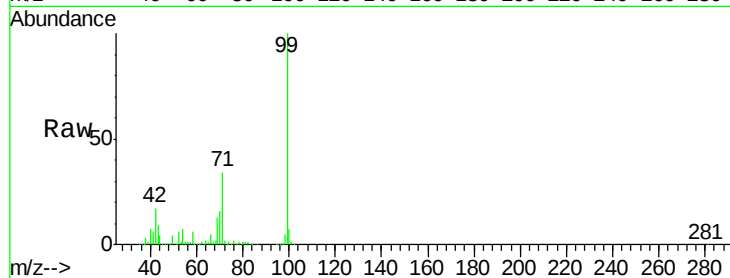
Tgt Ion: 99 Resp: 1629010

Ion Ratio Lower Upper

99 100

42 17.5 13.9 20.9

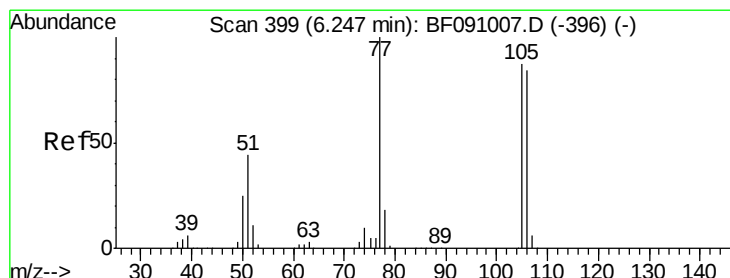
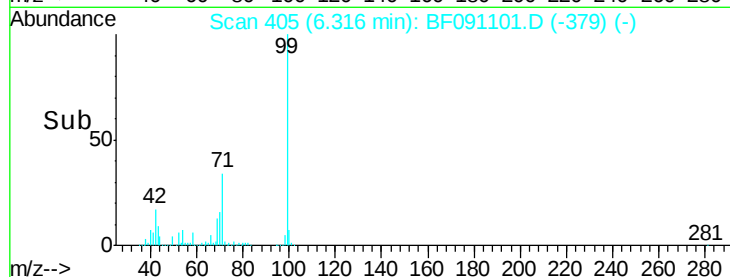
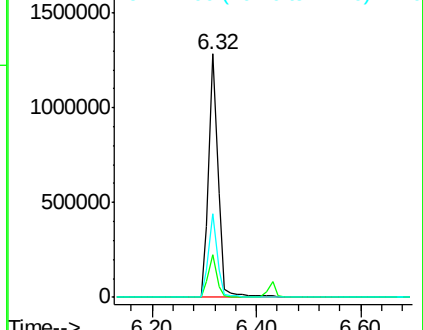
71 34.4 27.8 41.8



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: 3.62 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

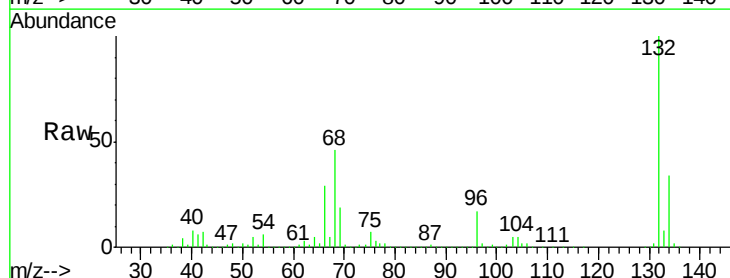
Tgt Ion: 77 Resp: 30161

Ion Ratio Lower Upper

77 100

105 78.4 66.8 106.8

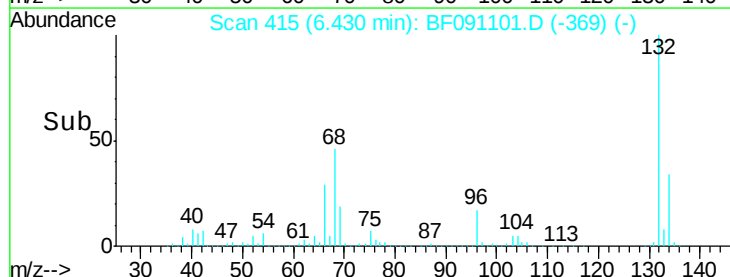
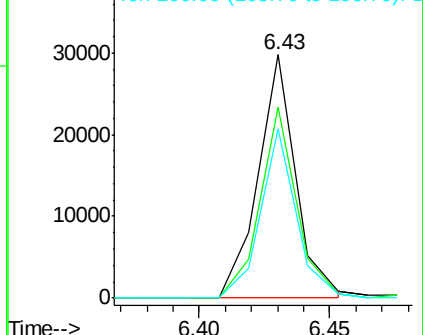
106 69.8 64.0 104.0

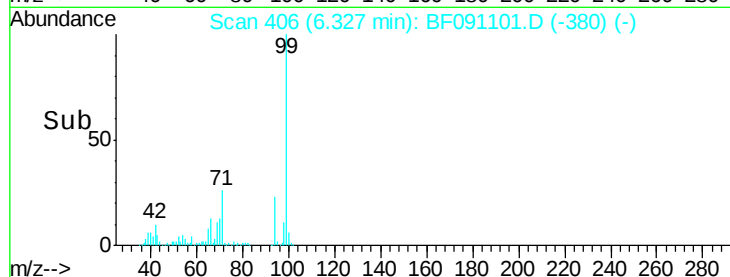
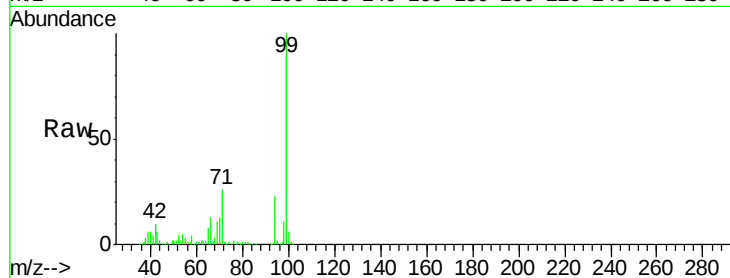
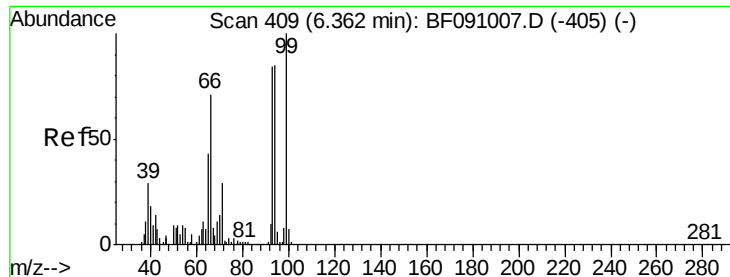


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 7.37 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

Instrument :

BNA_F

ClientSampleId :

V001-BF015-01

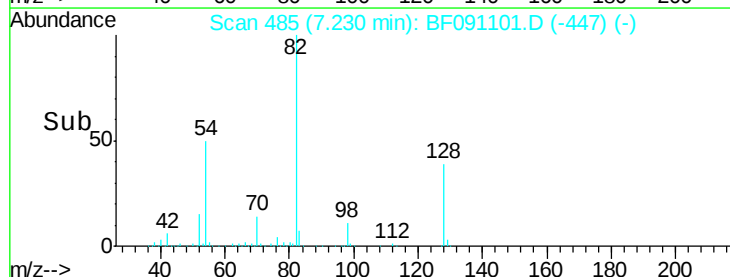
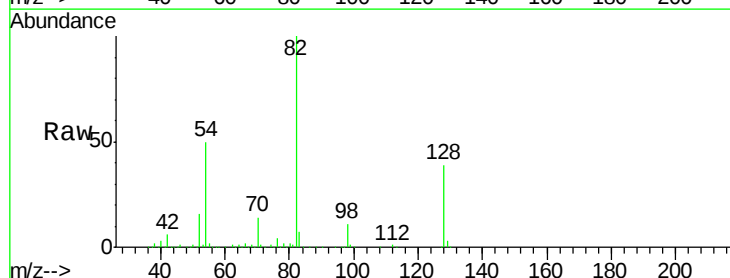
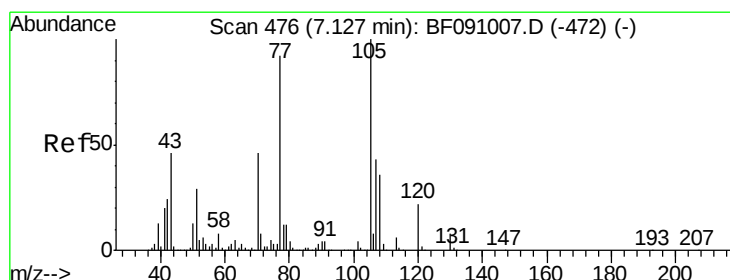
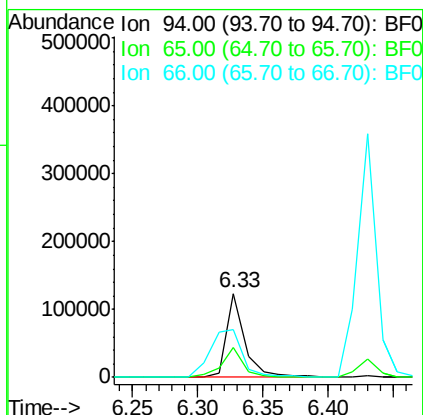
Tgt Ion: 94 Resp: 122526

Ion Ratio Lower Upper

94 100

65 35.3 30.4 70.4

66 56.9 62.9 102.9#



#19

n-Nitroso-di-n-propylamine

Concen: 13.38 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

Tgt Ion: 70 Resp: 139384

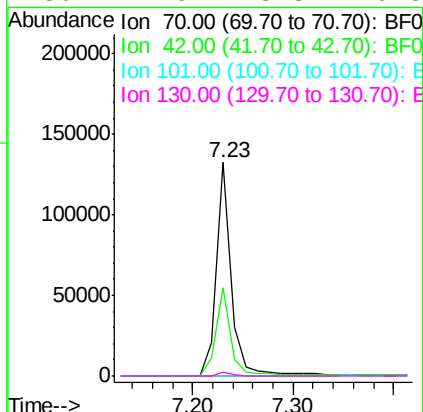
Ion Ratio Lower Upper

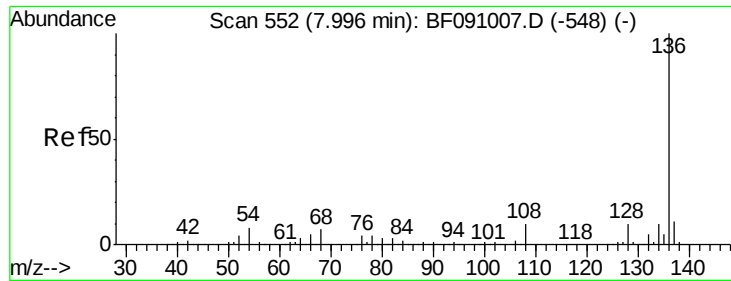
70 100

42 41.6 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#

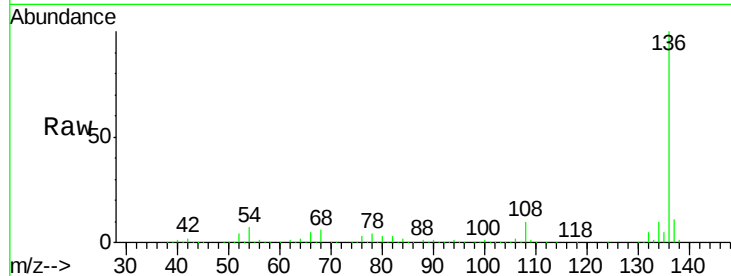




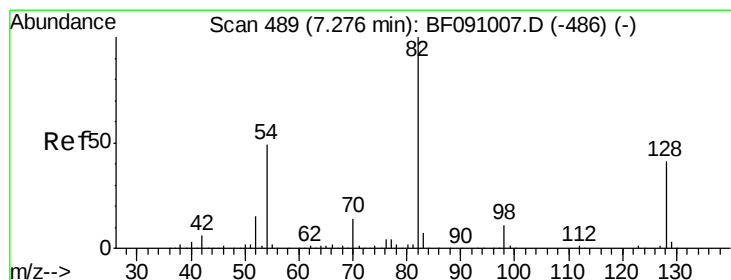
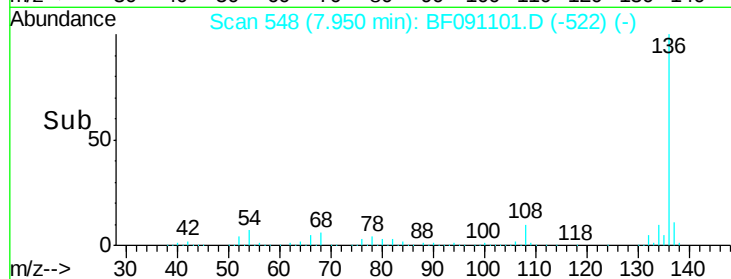
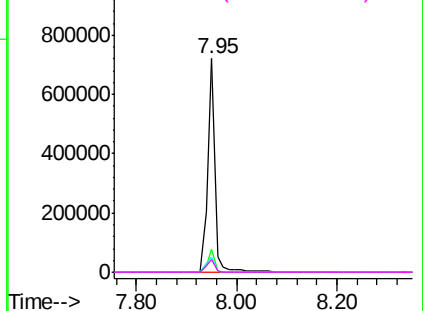
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

Tgt Ion:	136	Resp:	725139
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.2	9.2
68	6.1	5.5	8.3

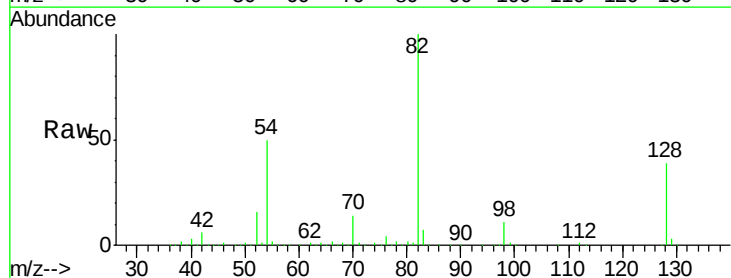


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

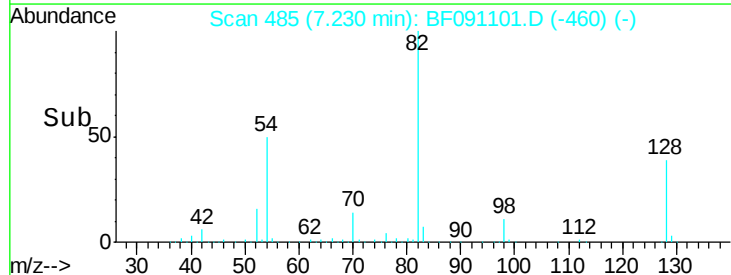
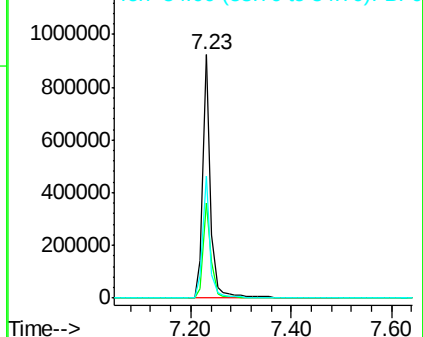


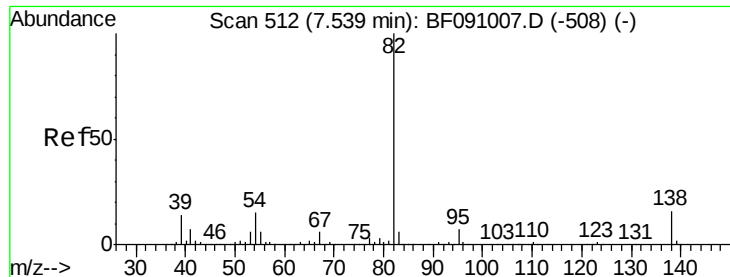
#23
Nitrobenzene-d5
Concen: 75.62 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion:	82	Resp:	1005251
Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.4	48.6
54	50.0	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





#25

Isophorone

Concen: 35.26 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

Instrument :

BNA_F

ClientSampleId :

V001-BF015-01

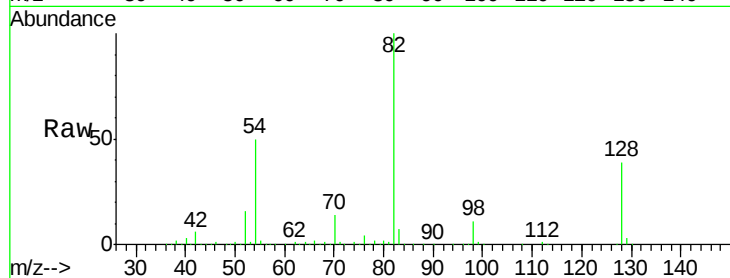
Tgt Ion: 82 Resp: 903094

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

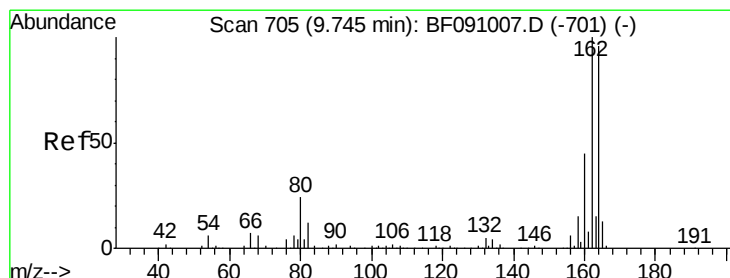
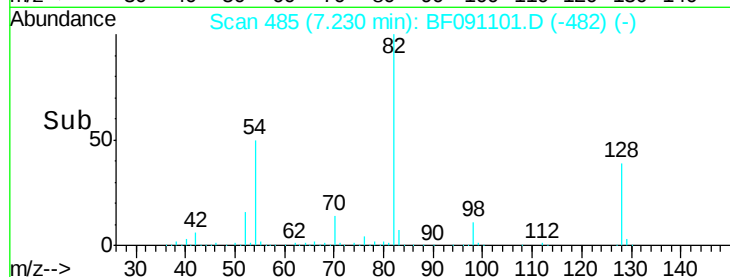
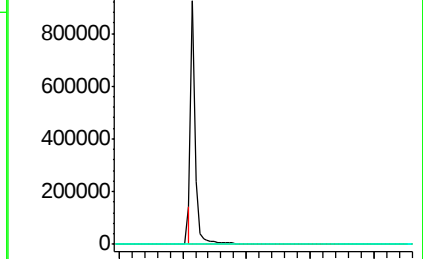
138 0.0 13.0 19.4#



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: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091101.D

Acq: 9 Nov 2016 00:02

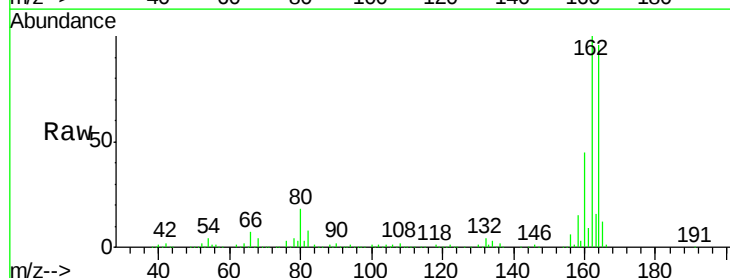
Tgt Ion: 164 Resp: 347714

Ion Ratio Lower Upper

164 100

162 104.2 83.6 125.4

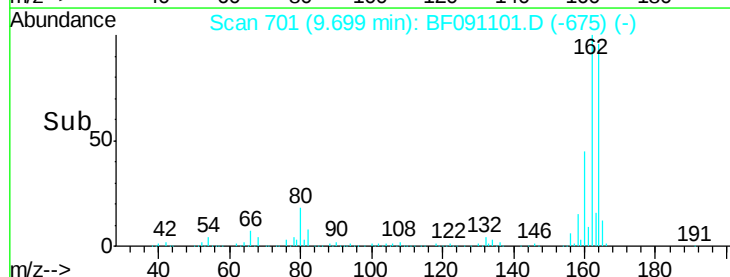
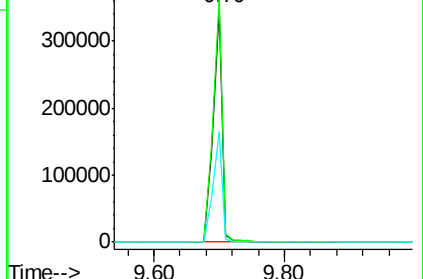
160 47.2 37.9 56.9

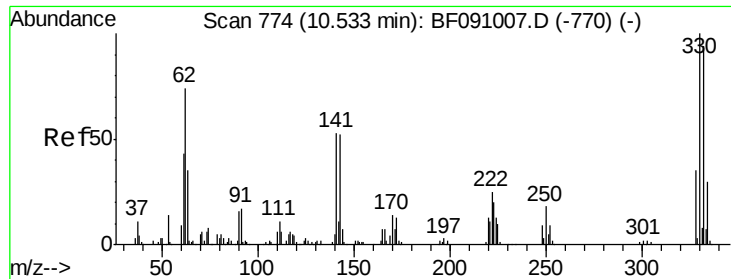


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

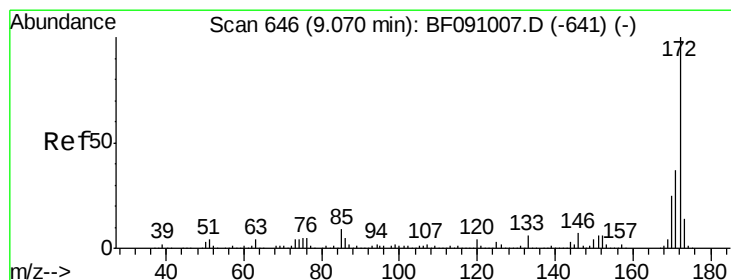
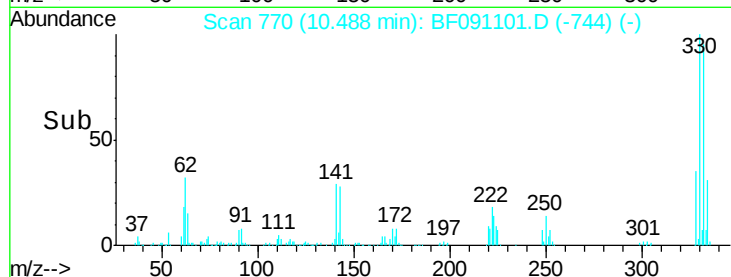
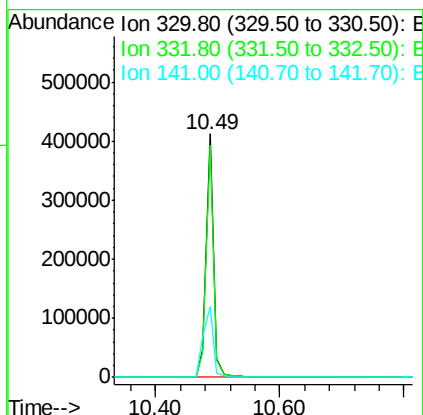
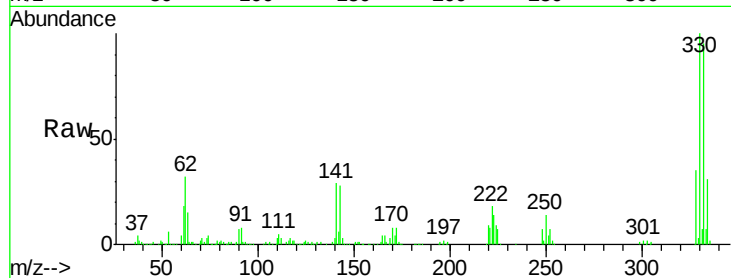




#41
 2,4,6-Tribromophenol
 Concen: 110.89 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091101.D
 Acq: 9 Nov 2016 00:02

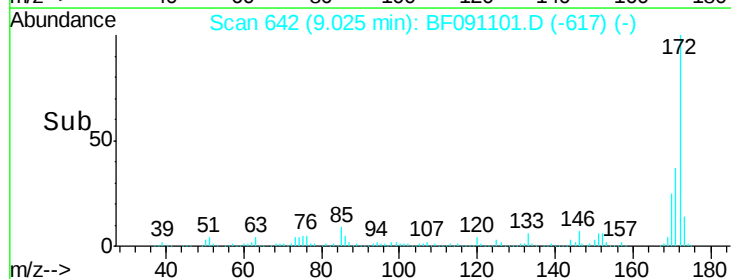
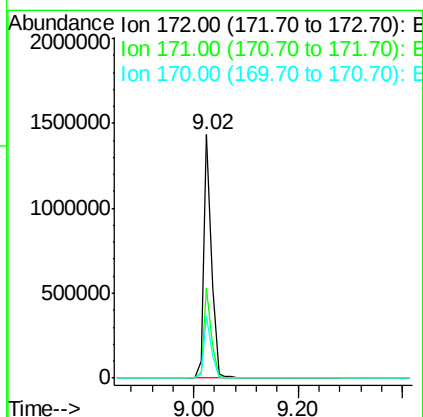
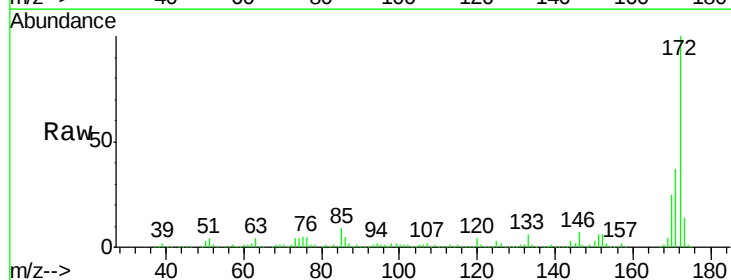
Instrument :
 BNA_F
 ClientSampleId :
 V001-BF015-01

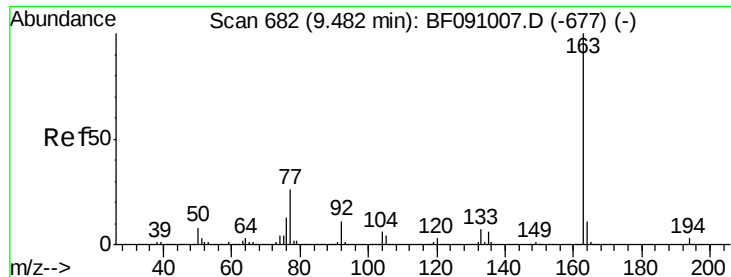
Tgt Ion:330 Resp: 348594
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.9 113.9
 141 39.6 36.1 54.1



#44
 2-Fluorobiphenyl
 Concen: 72.81 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091101.D
 Acq: 9 Nov 2016 00:02

Tgt Ion:172 Resp: 1470439
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 25.4 20.3 30.5

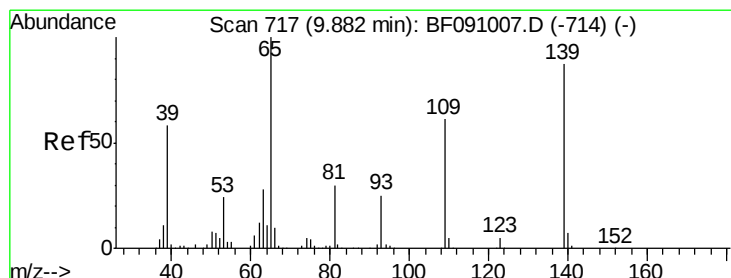
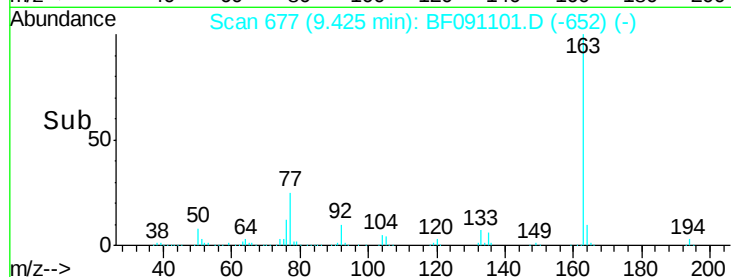
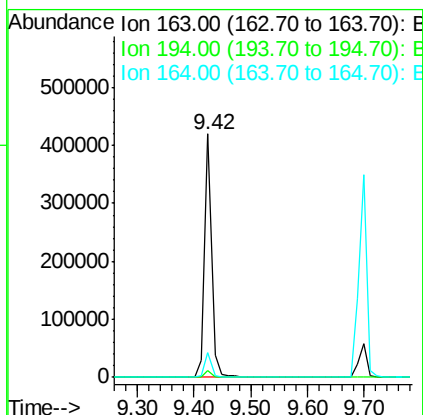
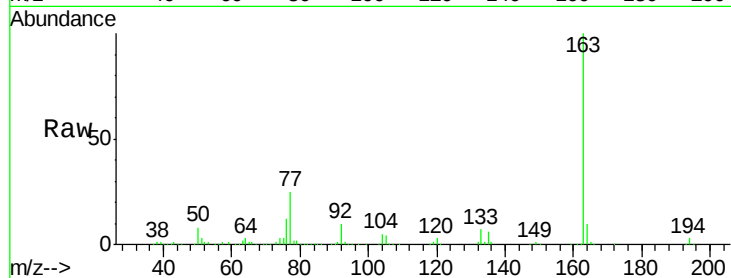




#49
Dimethylphthalate
Concen: 15.33 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

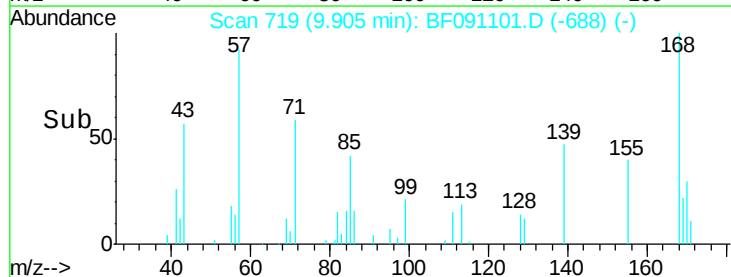
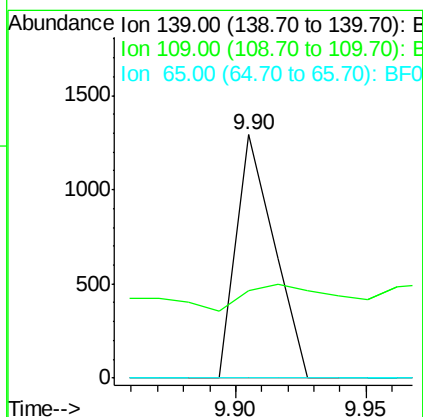
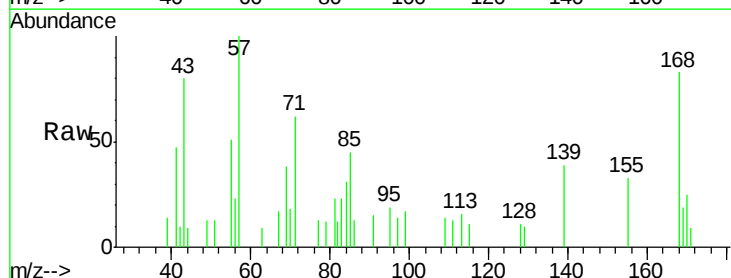
Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

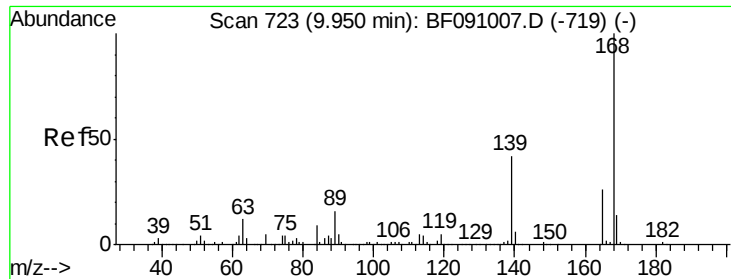
Tgt Ion:163 Resp: 349465
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.7 13.1



#55
4-Nitrophenol
Concen: 6.05 ng
RT: 9.90 min Scan# 719
Delta R.T. 0.06 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion:139 Resp: 1321
Ion Ratio Lower Upper
139 100
109 35.7 50.5 90.5#
65 0.0 97.1 137.1#

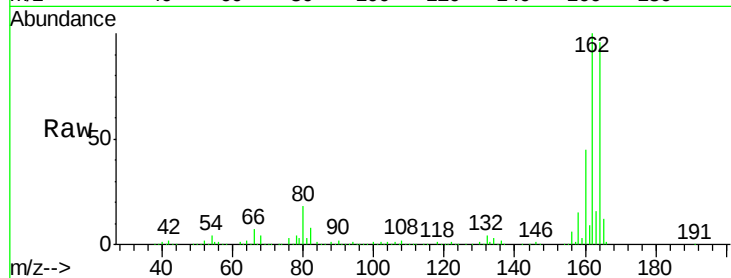




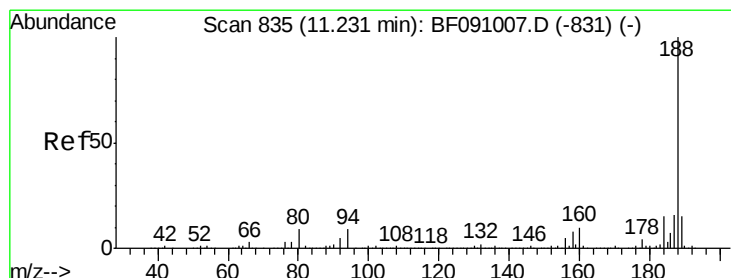
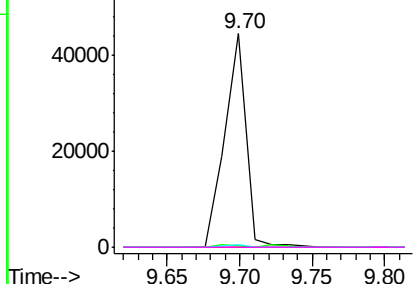
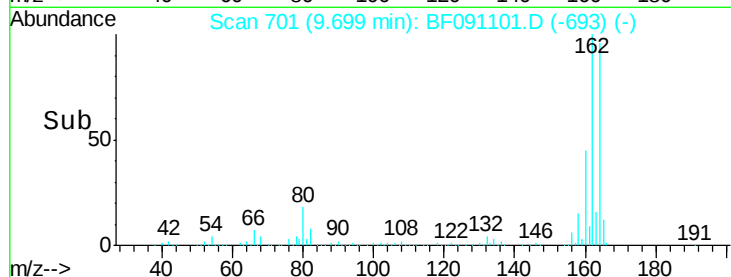
#56
2,4-Dinitrotoluene
Concen: 7.29 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

Tgt Ion:165 Resp: 45303
Ion Ratio Lower Upper
165 100
63 0.8 38.7 58.1#
89 1.2 50.6 76.0#
182 0.0 1.8 2.8#

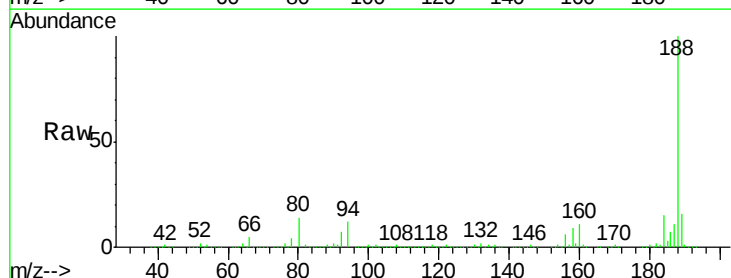


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091101.D
Acq: 9 Nov 2016 00:02

Tgt Ion:188 Resp: 486859
Ion Ratio Lower Upper
188 100
94 12.0 7.0 10.4#
80 13.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

