

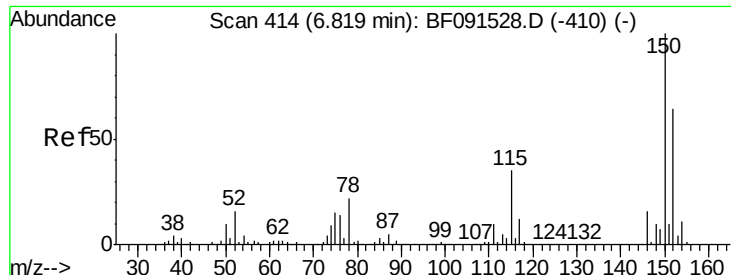
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
 Data File : BF091651.D
 Acq On : 16 Dec 2016 1:45
 Operator : UM/SJ
 Sample : H5940-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

Quant Time: Dec 16 02:23:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	211197	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1003732	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	476340	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	489557	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	568547	20.00	ng	0.00
86) Perylene-d12	15.35	264	351742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1756623	140.13	ng	0.01
7) Phenol-d6	6.43	99	2171921	138.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	1549172	86.14	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	408923	103.36	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2156951	78.24	ng	0.00
78) Terphenyl-d14	12.89	244	1694226	67.62	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	45022	4.19	ng	Qvalue 88
10) Phenol	6.44	94	53960	2.95	ng	95
15) Benzyl Alcohol	6.94	79	25753	2.09	ng	# 32
19) n-Nitroso-di-n-propylamine	7.36	70	211809	21.67	ng	# 60
20) 3+4-Methylphenols	7.21	107	223	Below Cal	#	7
32) Benzoic acid	7.86	122	227	4.92	ng	# 1
49) Dimethylphthalate	9.55	163	1036406	34.36	ng	100
56) 2,4-Dinitrotoluene	9.82	165	64069	7.72	ng	# 33
57) Fluorene	10.37	166	947	Below Cal	#	65
64) 4,6-Dinitro-2-methylphenol	10.61	198	1159	3.31	ng	# 4
66) 4-Bromophenyl-phenylether	10.61	248	28171	5.61	ng	# 1

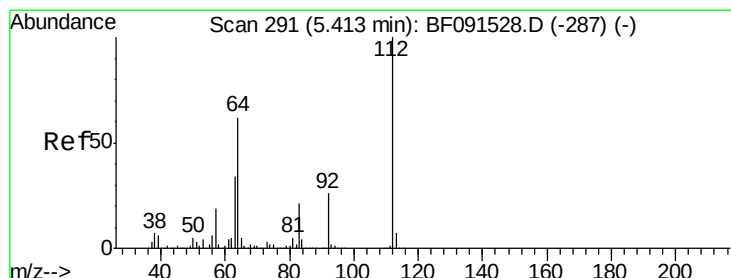
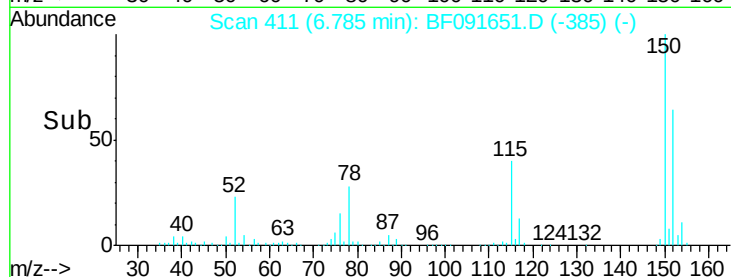
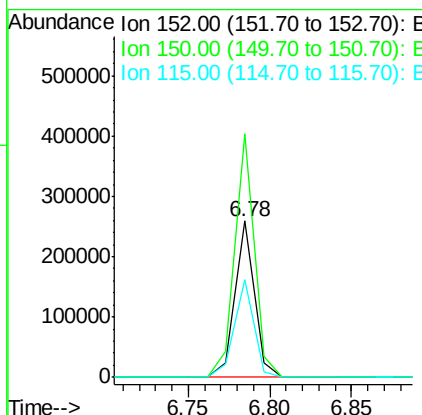
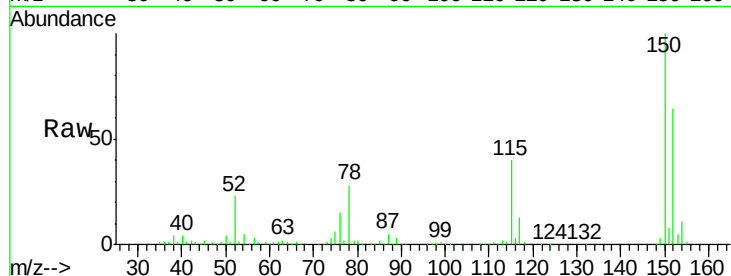
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091651.D
 Acq: 16 Dec 2016 1:45

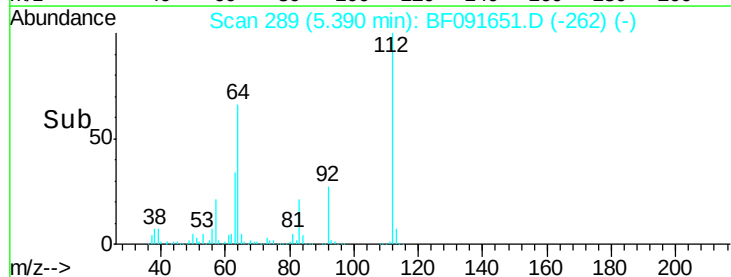
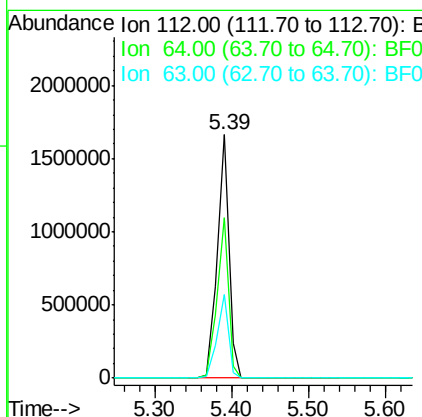
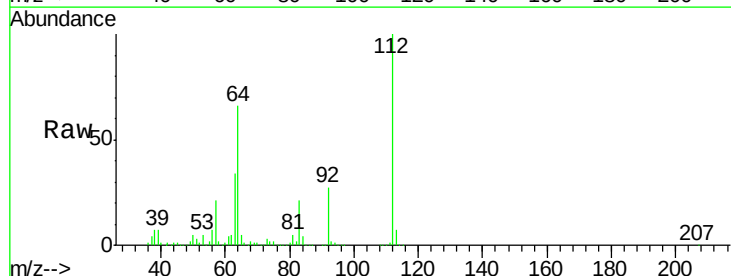
Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

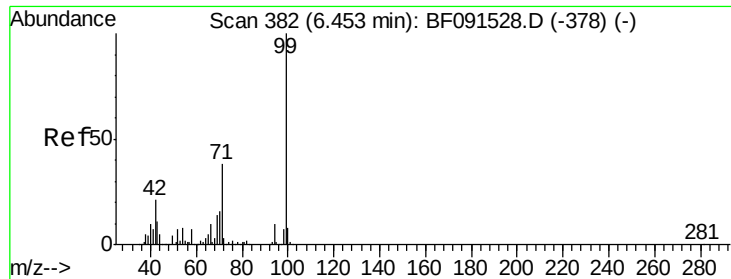
Tgt Ion:152 Resp: 211197
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.5 183.7
 115 62.7 51.8 77.8



#5
 2-Fluorophenol
 Concen: 140.13 ng
 RT: 5.39 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF091651.D
 Acq: 16 Dec 2016 1:45

Tgt Ion:112 Resp: 1756623
 Ion Ratio Lower Upper
 112 100
 64 65.9 61.5 92.3
 63 34.5 33.3 49.9





#7

Phenol-d6

Concen: 138.98 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

Instrument :

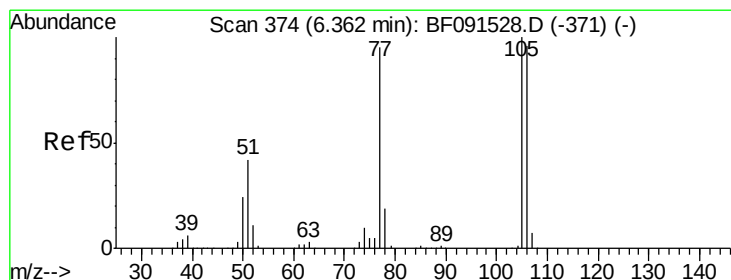
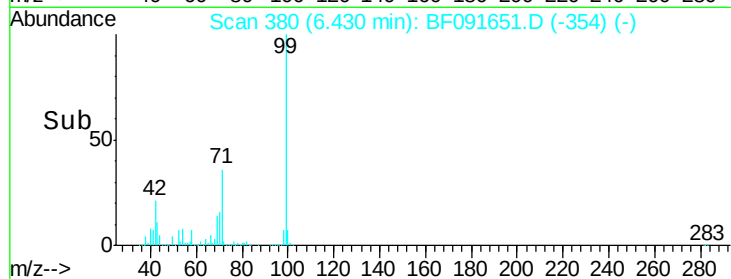
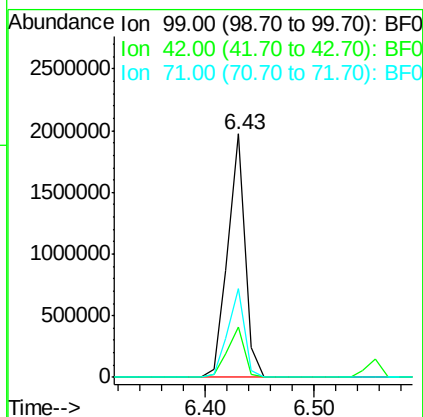
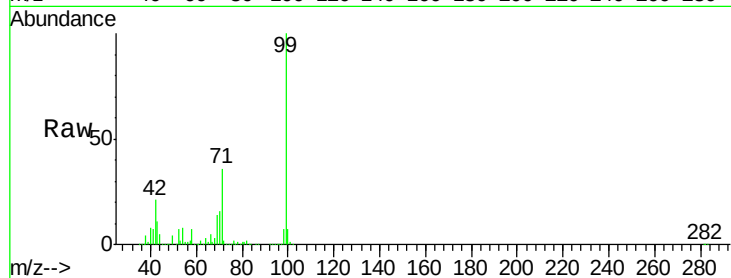
BNA_F

ClientSampleId :

SS05-1FT

Tgt Ion: 99 Resp: 2171921

Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.6	31.0#
71	36.3	29.9	44.9



#9

Benzaldehyde

Concen: 4.19 ng

RT: 6.56 min Scan# 391

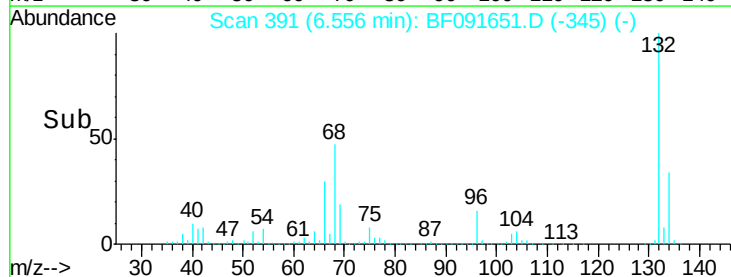
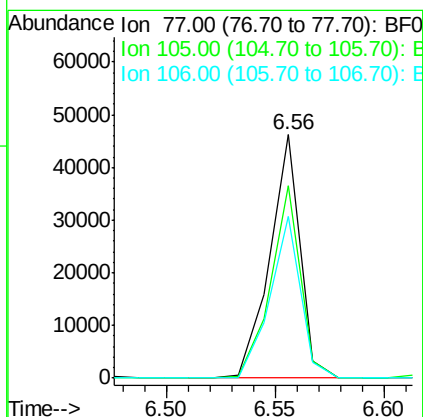
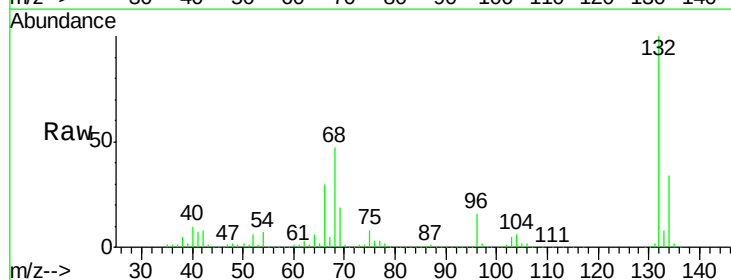
Delta R.T. 0.23 min

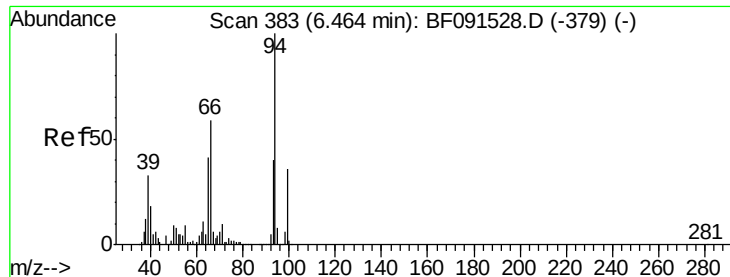
Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

Tgt Ion: 77 Resp: 45022

Ion	Ratio	Lower	Upper
77	100		
105	78.8	66.4	106.4
106	66.5	60.9	100.9





#10

Phenol

Concen: 2.95 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

Instrument :

BNA_F

ClientSampled :

SS05-1FT

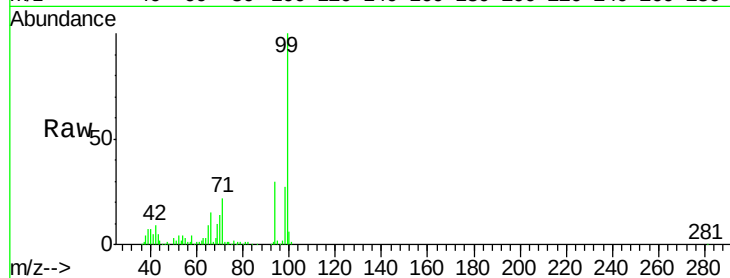
Tgt Ion: 94 Resp: 53960

Ion Ratio Lower Upper

94 100

65 31.3 16.9 56.9

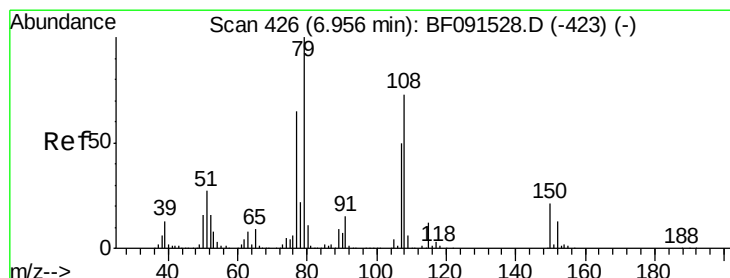
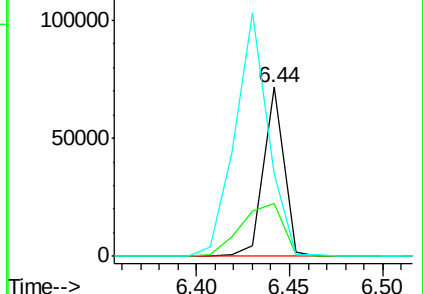
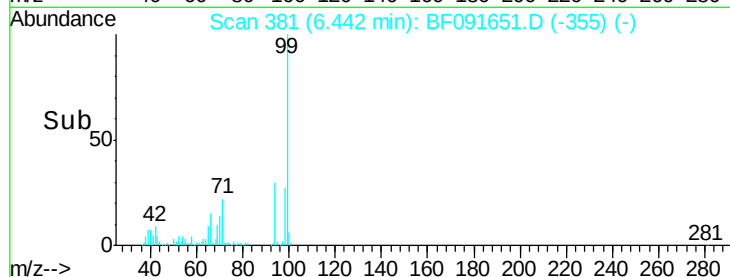
66 49.0 30.6 70.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

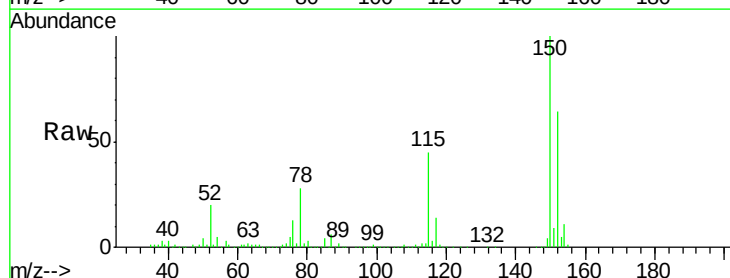
Tgt Ion: 79 Resp: 25753

Ion Ratio Lower Upper

79 100

108 31.4 62.7 94.1#

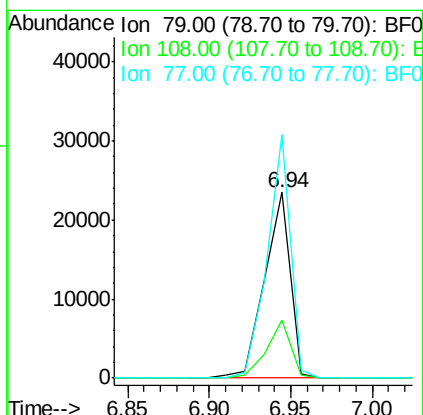
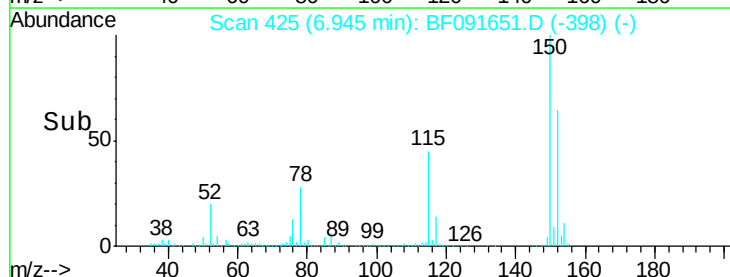
77 131.2 51.7 77.5#

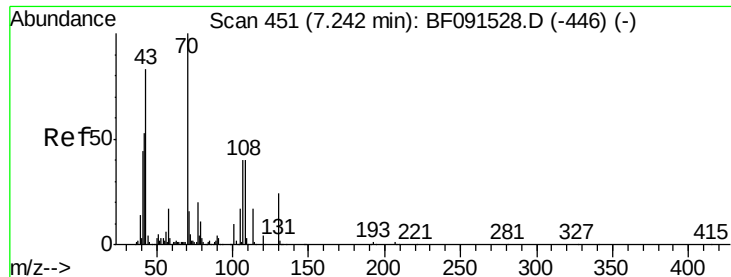


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

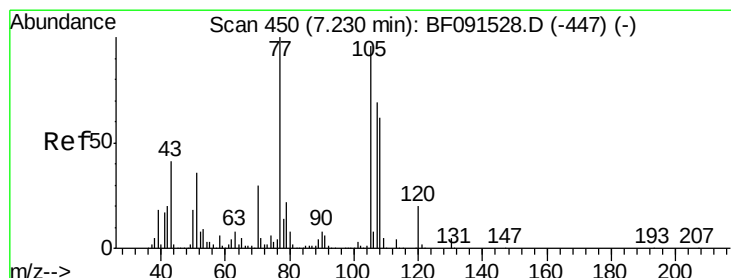
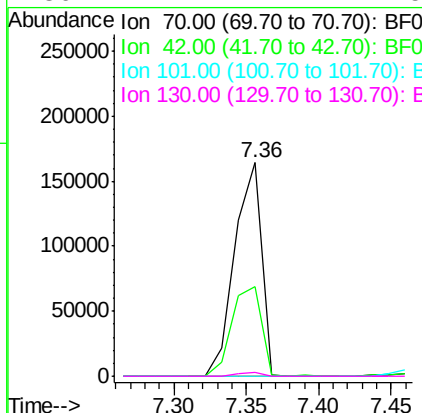
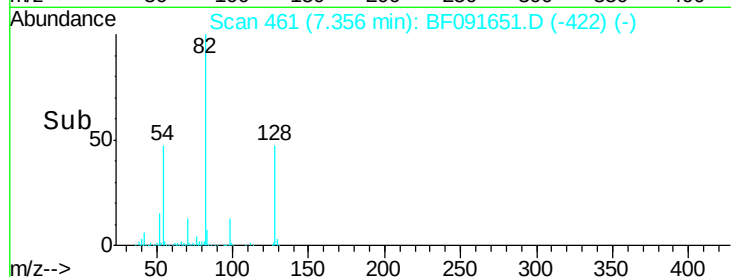
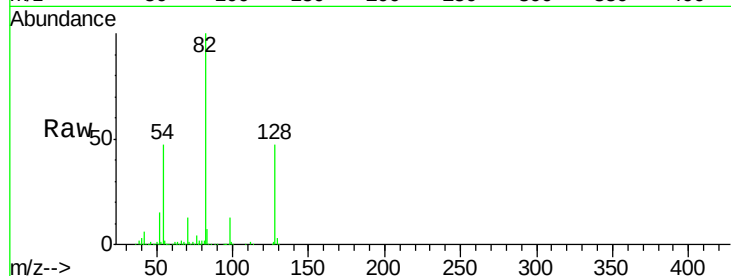




#19
n-Nitroso-di-n-propylamine
Concen: 21.67 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

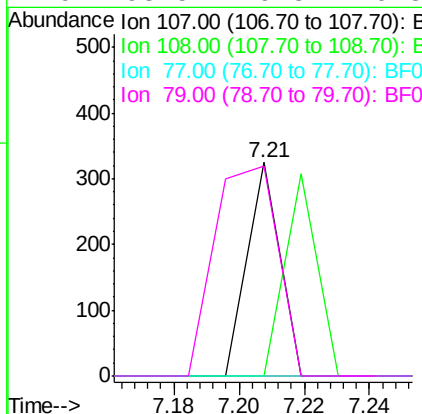
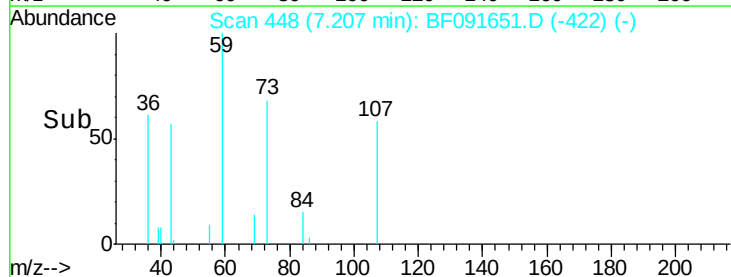
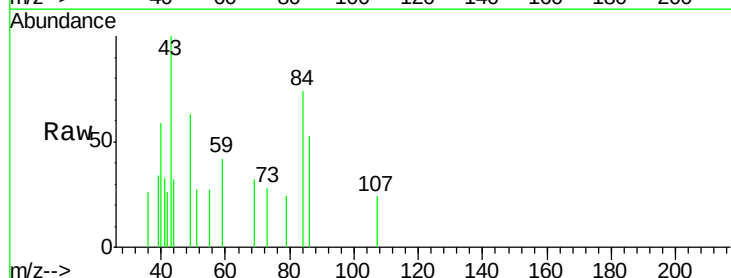
Instrument :
BNA_F
ClientSampleId :
SS05-1FT

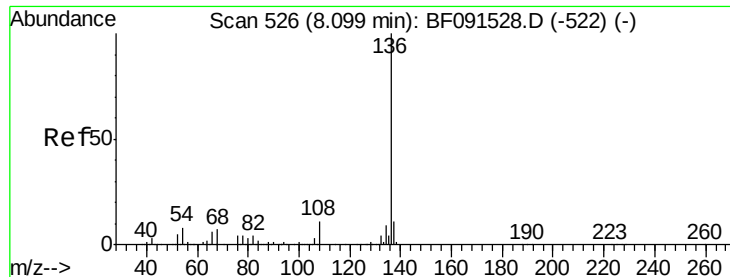
Tgt Ion: 70 Resp: 211809
Ion Ratio Lower Upper
70 100
42 42.1 64.8 97.2#
101 0.0 6.2 9.4#
130 2.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

Tgt Ion: 107 Resp: 223
Ion Ratio Lower Upper
107 100
108 0.0 64.6 104.6#
77 0.0 30.9 70.9#
79 98.5 9.3 49.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

Tgt Ion:136 Resp: 1003732

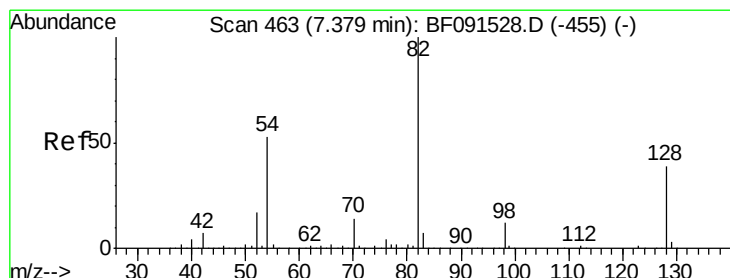
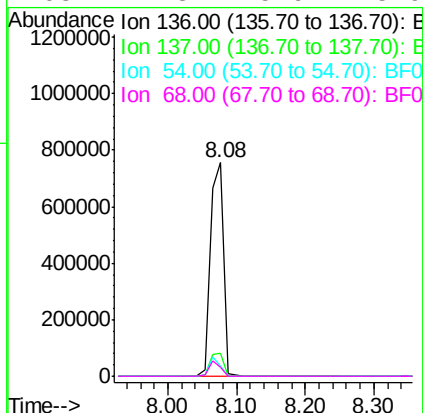
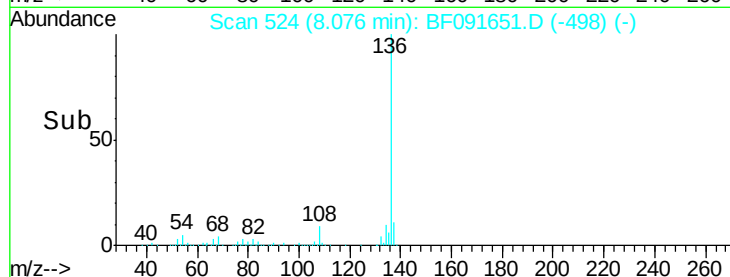
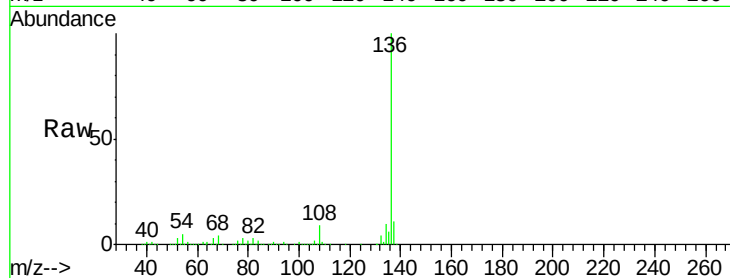
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.1 9.1 13.7#

68 4.3 5.9 8.9#



#23

Nitrobenzene-d5

Concen: 86.14 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

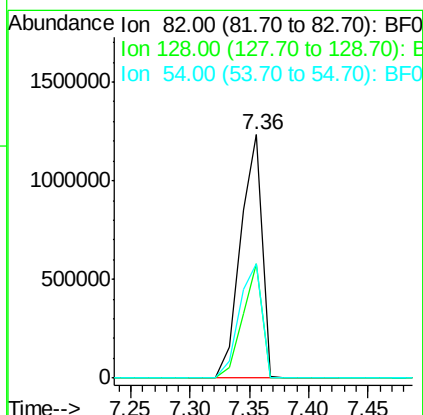
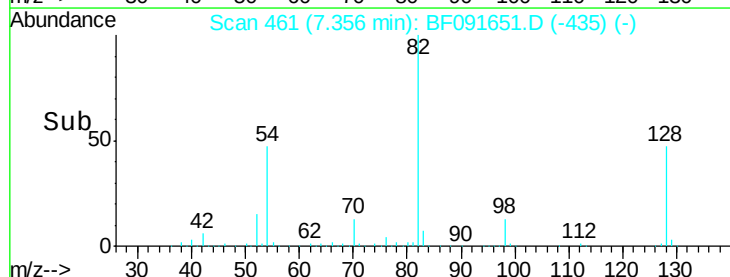
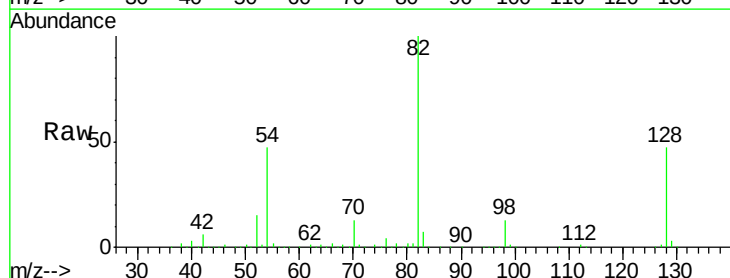
Tgt Ion: 82 Resp: 1549172

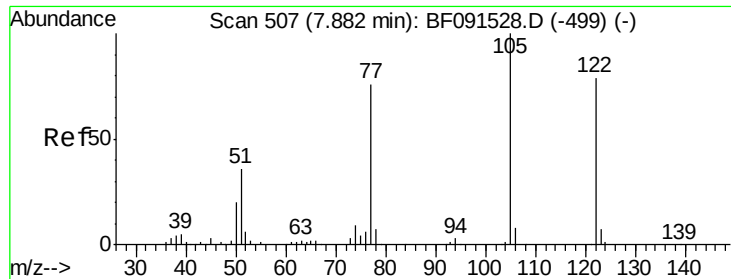
Ion Ratio Lower Upper

82 100

128 47.0 31.8 47.6

54 46.9 49.1 73.7#

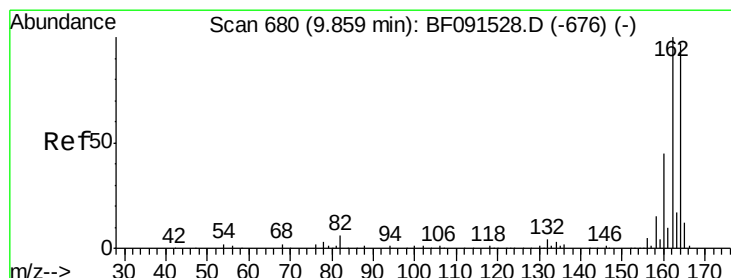
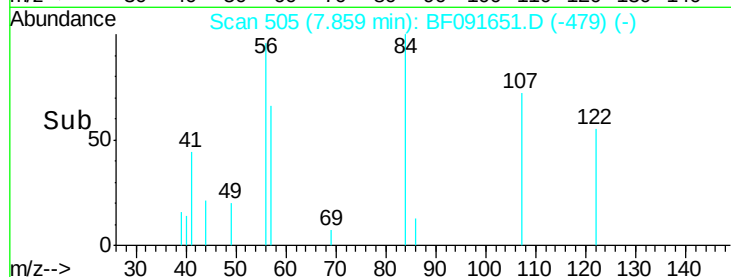
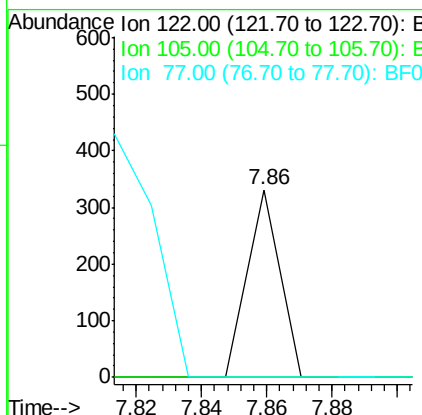
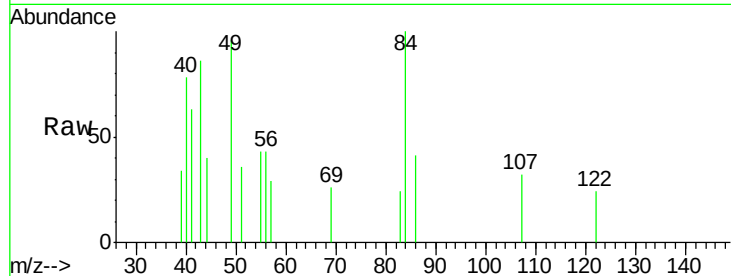




#32
Benzoic acid
Concen: 4.92 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

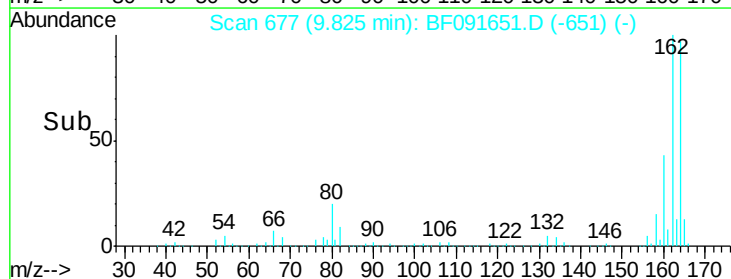
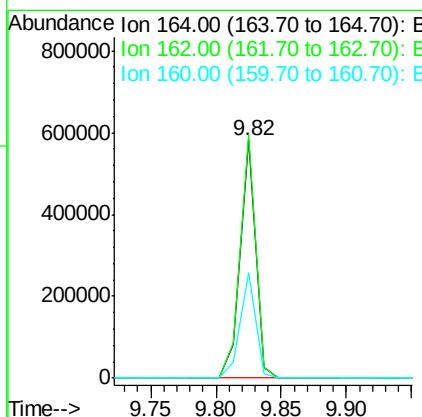
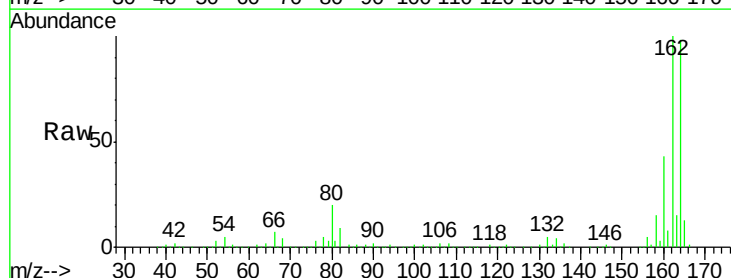
Instrument :
BNA_F
ClientSampleId :
SS05-1FT

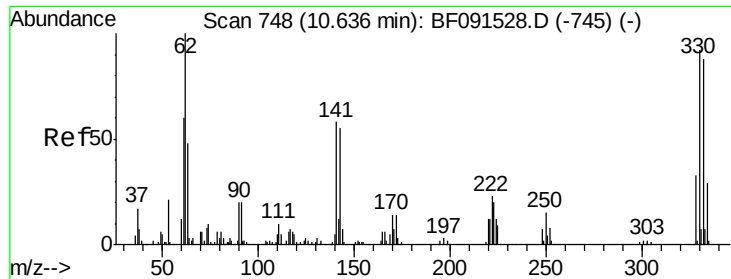
Tgt Ion:122 Resp: 227
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 0.0 82.0 122.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

Tgt Ion:164 Resp: 476340
Ion Ratio Lower Upper
164 100
162 102.3 82.6 124.0
160 44.5 36.7 55.1

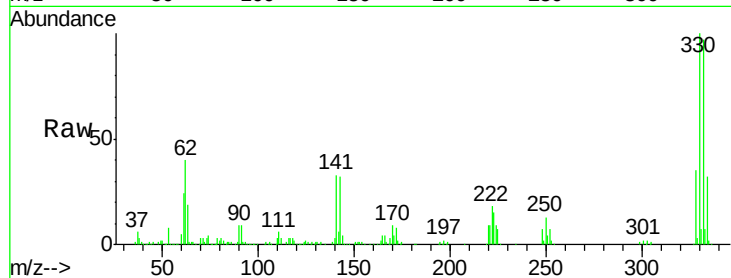




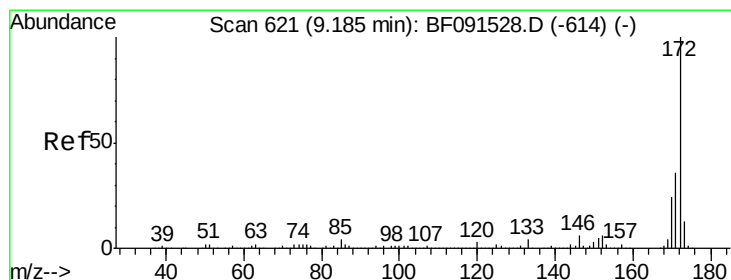
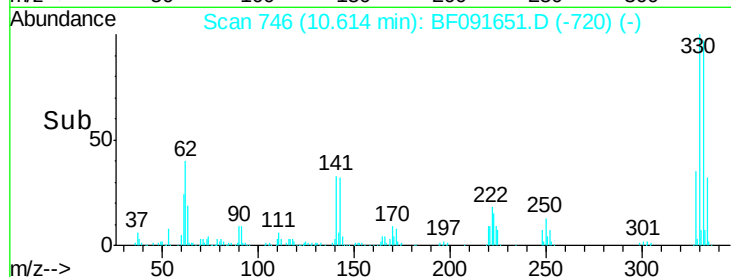
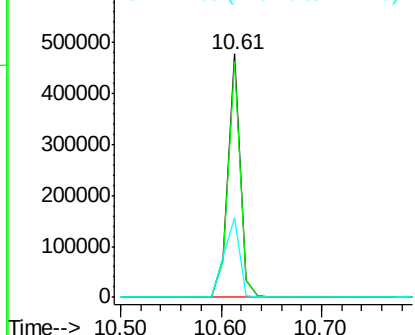
#41
 2,4,6-Tribromophenol
 Concen: 103.36 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091651.D
 Acq: 16 Dec 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

Tgt Ion:330 Resp: 408923
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 40.6 33.6 50.4

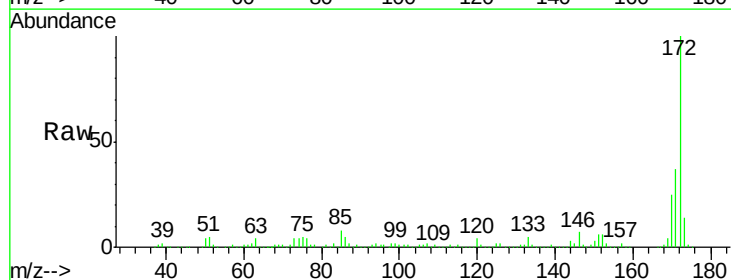


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

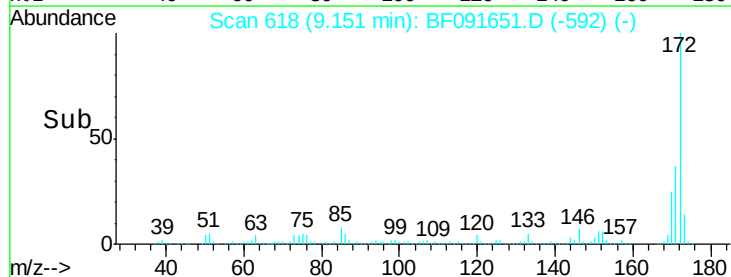
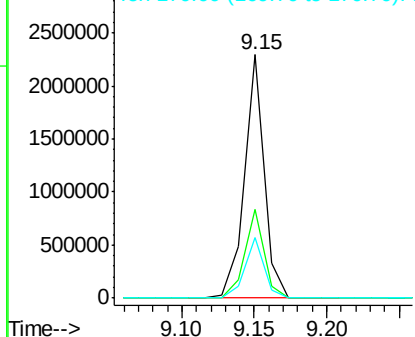


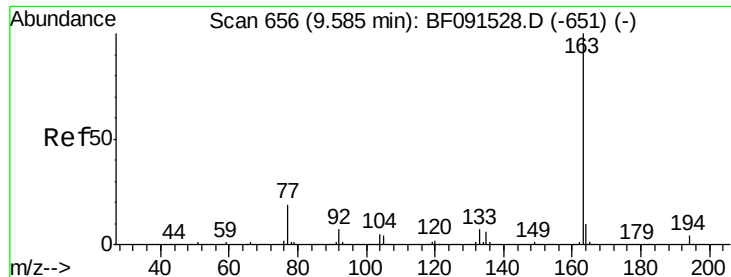
#44
 2-Fluorobiphenyl
 Concen: 78.24 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091651.D
 Acq: 16 Dec 2016 1:45

Tgt Ion:172 Resp: 2156951
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.1 19.7 29.5



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

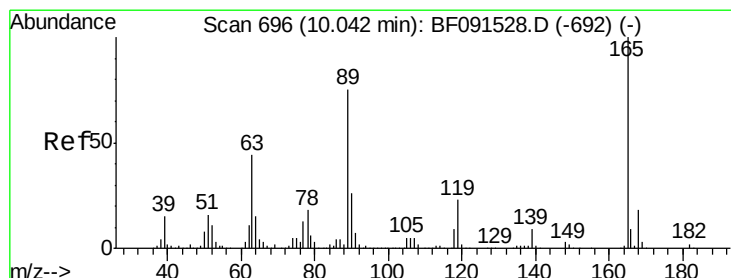
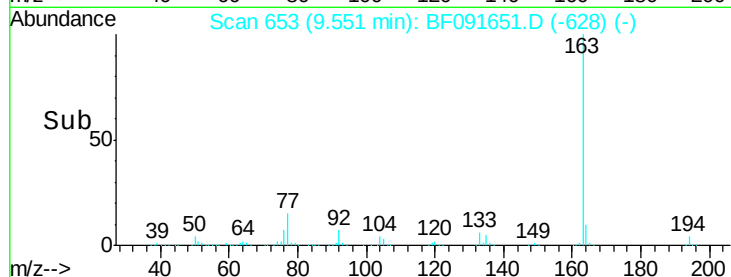
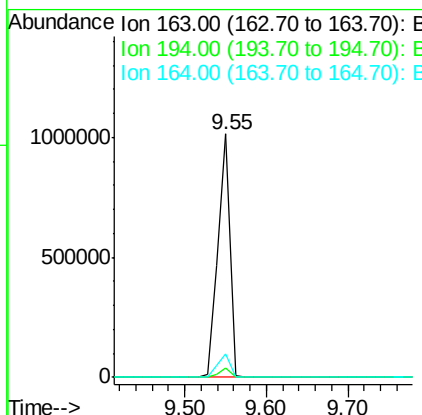
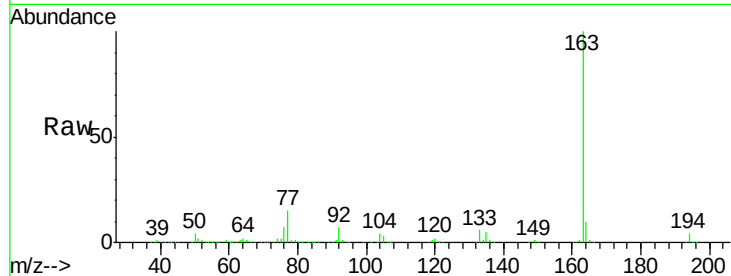




#49
Dimethylphthalate
Concen: 34.36 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

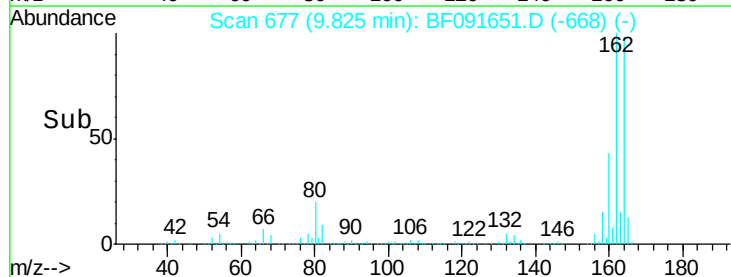
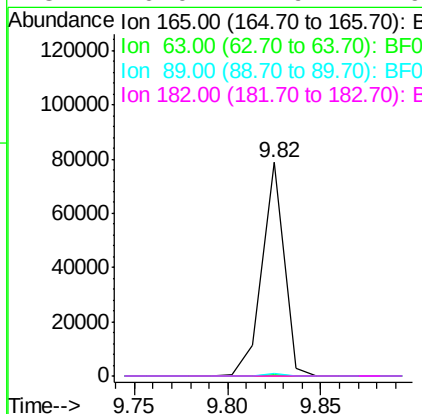
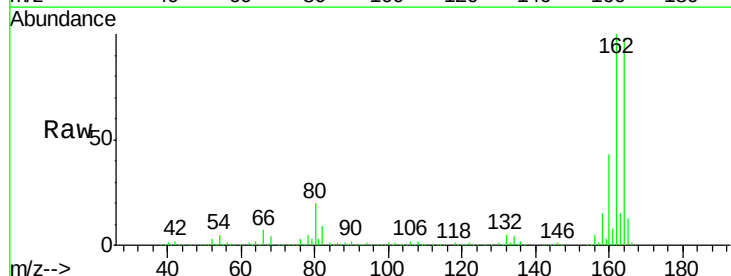
Instrument :
BNA_F
ClientSampleId :
SS05-1FT

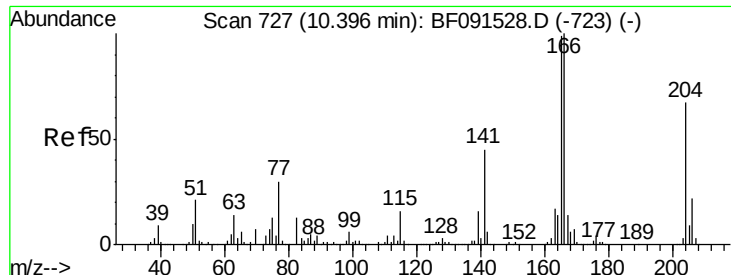
Tgt Ion:163 Resp: 1036406
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.8 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 7.72 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

Tgt Ion:165 Resp: 64069
Ion Ratio Lower Upper
165 100
63 0.8 29.0 43.4#
89 1.1 43.1 64.7#
182 0.0 1.9 2.9#

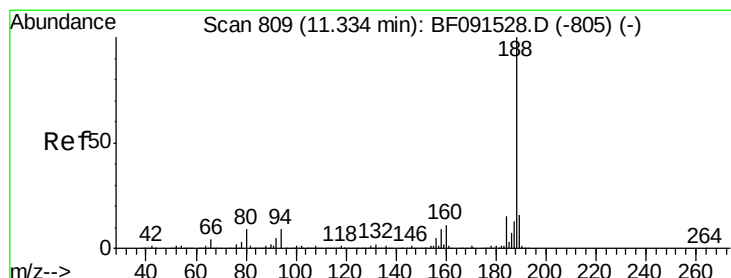
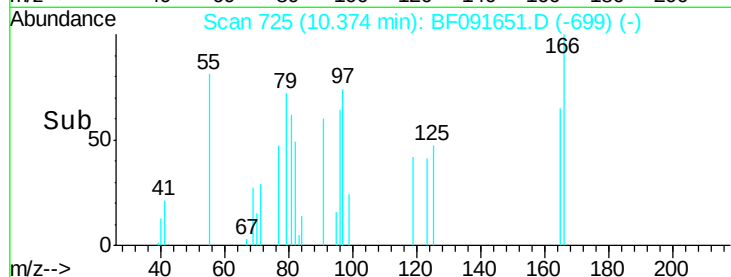
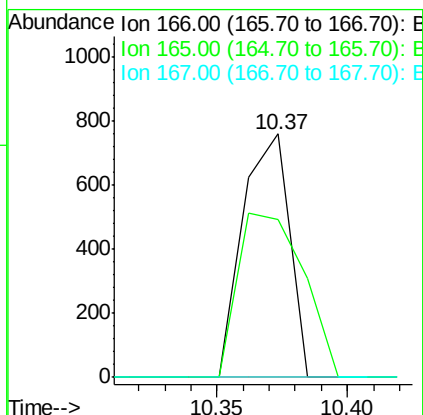
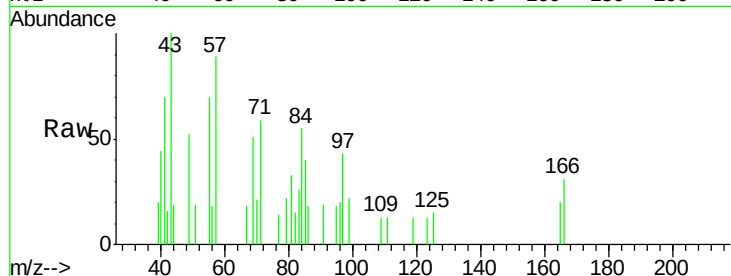




#57
 Fluorene
 Concen: Below Cal
 RT: 10.37 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF091651.D
 Acq: 16 Dec 2016 1:45

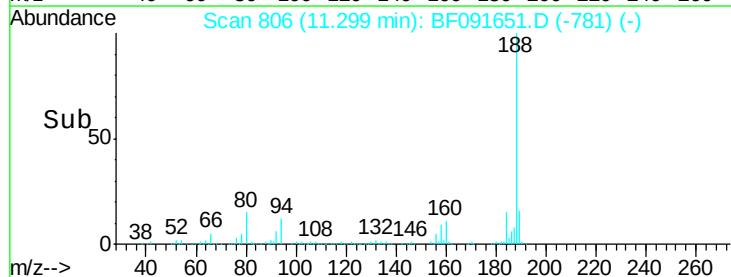
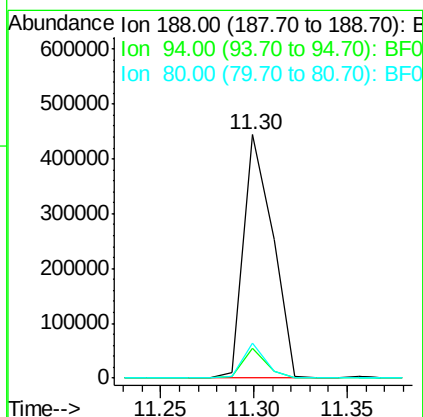
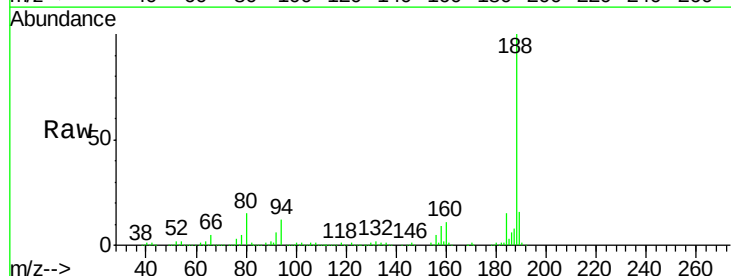
Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

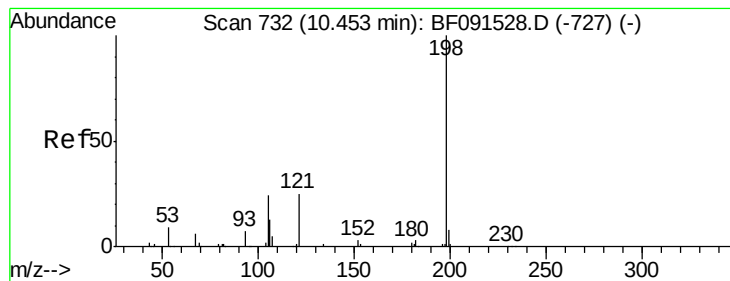
Tgt Ion:166 Resp: 947
 Ion Ratio Lower Upper
 166 100
 165 65.0 80.0 120.0#
 167 0.0 10.8 16.2#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF091651.D
 Acq: 16 Dec 2016 1:45

Tgt Ion:188 Resp: 489557
 Ion Ratio Lower Upper
 188 100
 94 12.4 9.2 13.8
 80 14.6 10.5 15.7





#64

4,6-Dinitro-2-methylphenol

Concen: 3.31 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.18 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

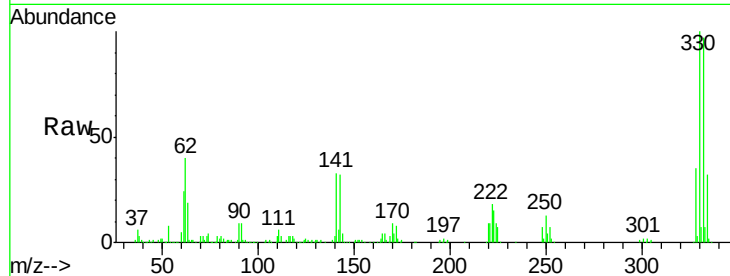
Tgt Ion:198 Resp: 1159

Ion Ratio Lower Upper

198 100

51 147.8 77.1 117.1#

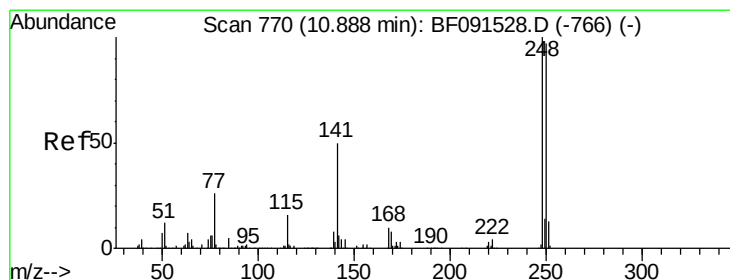
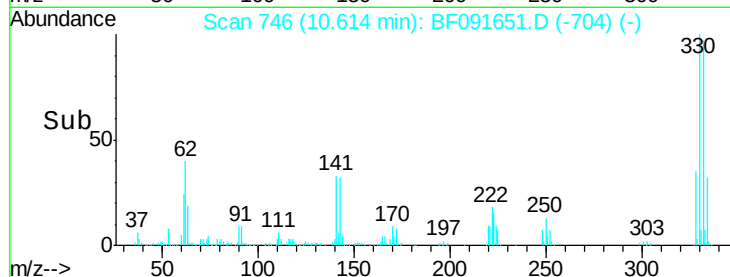
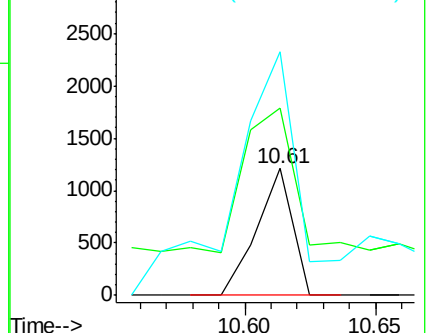
105 192.3 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.61 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.24 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

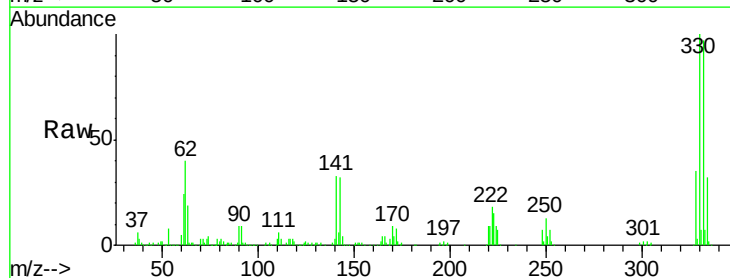
Tgt Ion:248 Resp: 28171

Ion Ratio Lower Upper

248 100

250 189.2 78.2 117.4#

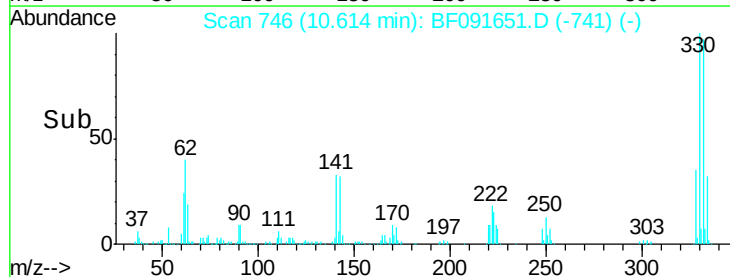
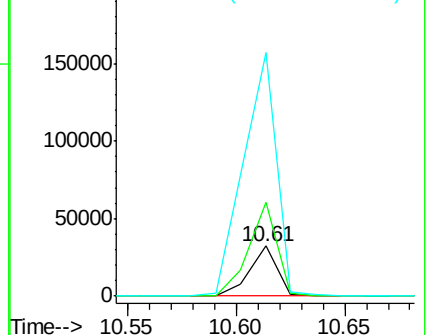
141 489.3 71.9 107.9#

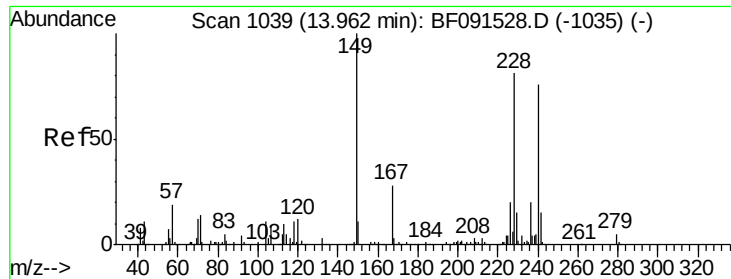


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

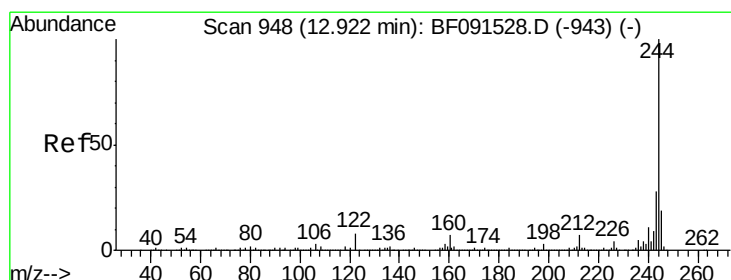
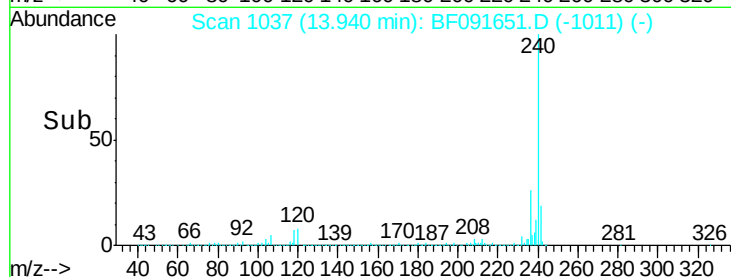
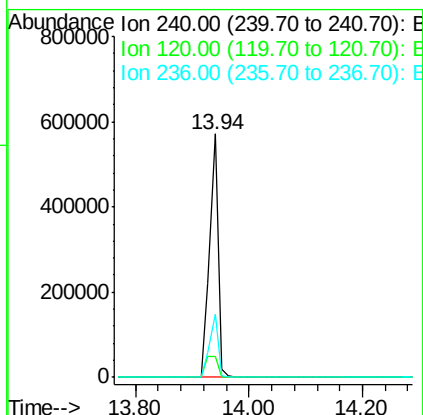
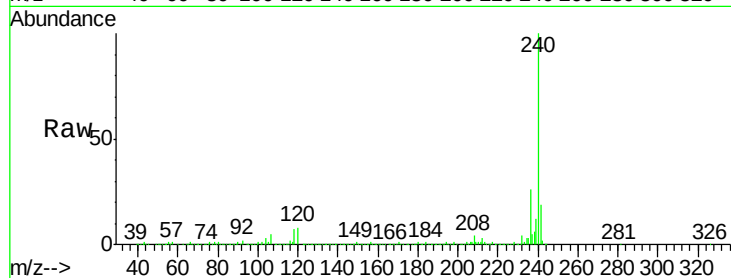




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

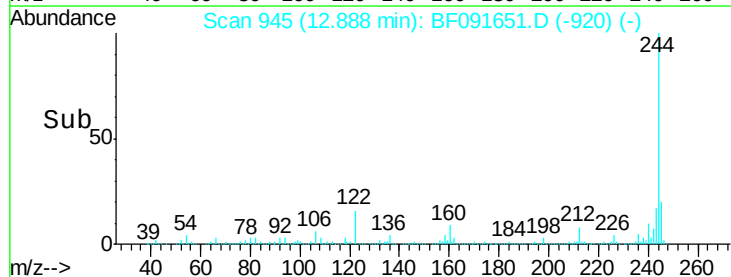
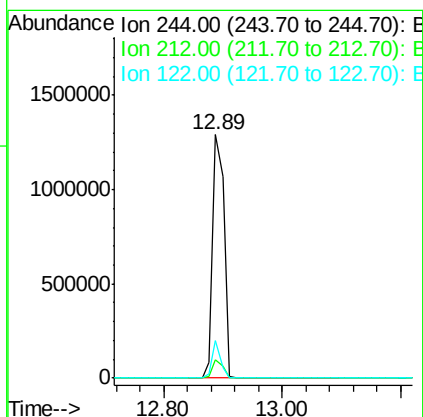
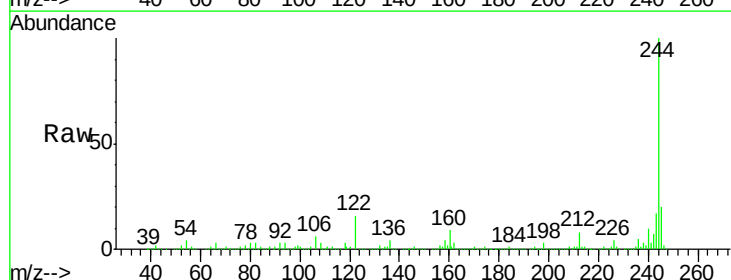
Instrument :
BNA_F
ClientSampleId :
SS05-1FT

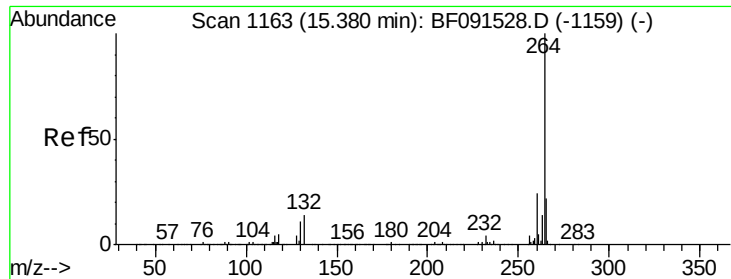
Tgt Ion:240 Resp: 568547
Ion Ratio Lower Upper
240 100
120 8.4 12.1 18.1#
236 25.8 21.0 31.6



#78
Terphenyl-d14
Concen: 67.62 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

Tgt Ion:244 Resp: 1694226
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 15.7 9.5 14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion: 264 Resp: 351742
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.2 17.0 25.6

