

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091550.D
 Acq On : 13 Dec 2016 13:32
 Operator : UM/SJ
 Sample : H6009-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1M-BS-HU-01

Quant Time: Dec 14 00:16:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	311774	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1317674	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	650887	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1061986	20.00	ng	0.00
75) Chrysene-d12	13.96	240	836214	20.00	ng	0.00
86) Perylene-d12	15.38	264	666768	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	2506489	135.44	ng	0.01
7) Phenol-d6	6.46	99	3438212	149.03	ng	0.01
23) Nitrobenzene-d5	7.38	82	2126718	90.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	736736	136.28	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2984595	79.23	ng	-0.01
78) Terphenyl-d14	12.92	244	2779687	75.43	ng	0.00

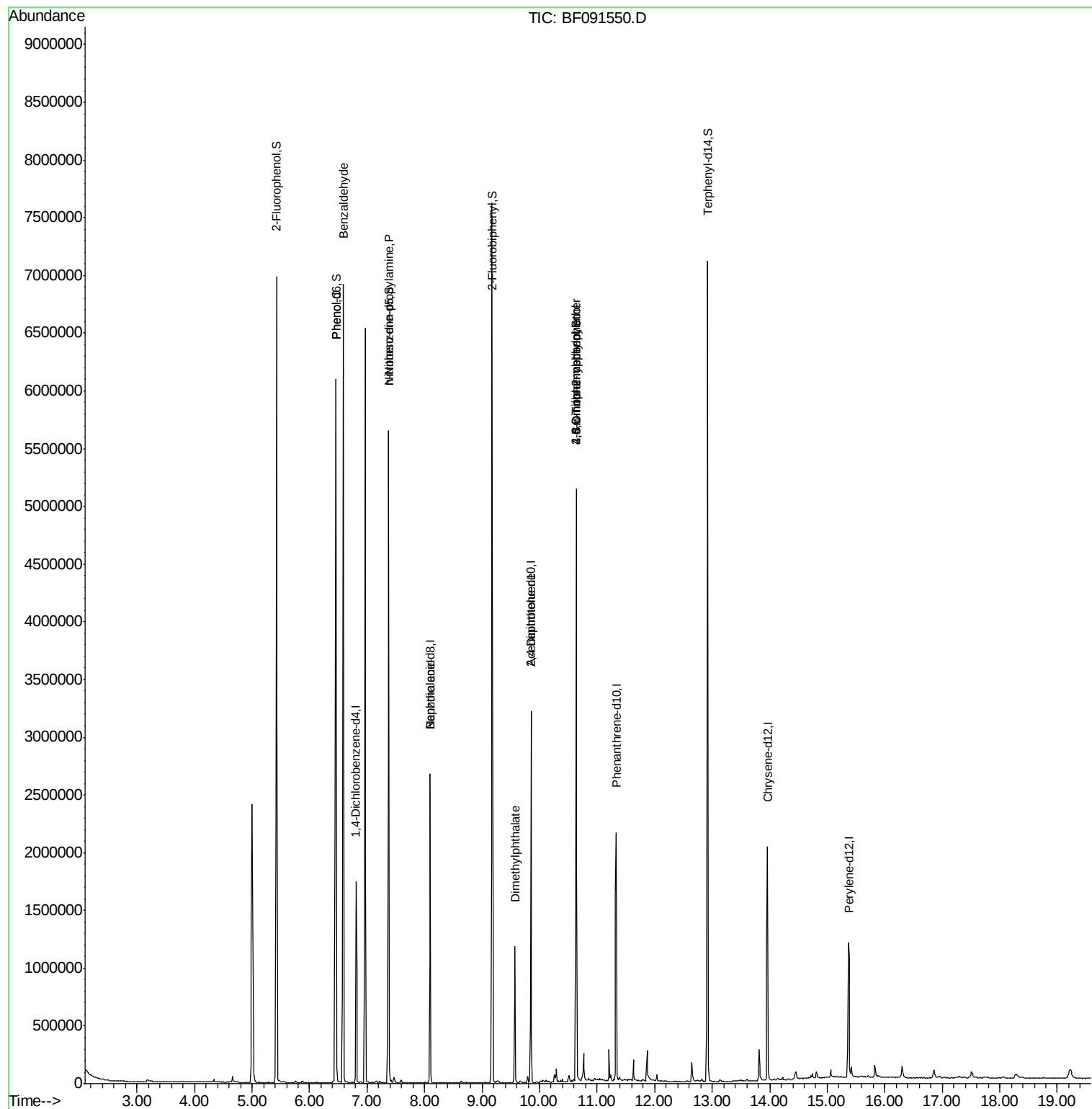
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	67590	4.26	ng	96
10) Phenol	6.46	94	101208	3.75	ng	# 5
19) n-Nitroso-di-n-propylamine	7.38	70	292276	20.26	ng	# 64
20) 3+4-Methylphenols	6.97	107	900	Below Cal		# 1
32) Benzoic acid	8.10	122	282	4.92	ng	# 1
49) Dimethylphthalate	9.57	163	644402	15.64	ng	99
56) 2,4-Dinitrotoluene	9.85	165	85170	7.51	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.64	198	1828	3.21	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	43279	3.97	ng	# 1

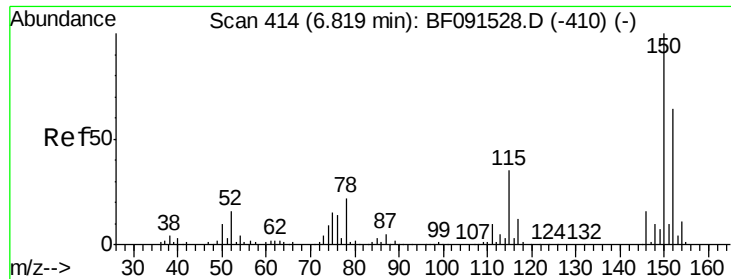
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091550.D
Acq On : 13 Dec 2016 13:32
Operator : UM/SJ
Sample : H6009-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1M-BS-HU-01

Quant Time: Dec 14 00:16:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Instrument :

BNA_F

ClientSampleId :

1M-BS-HU-01

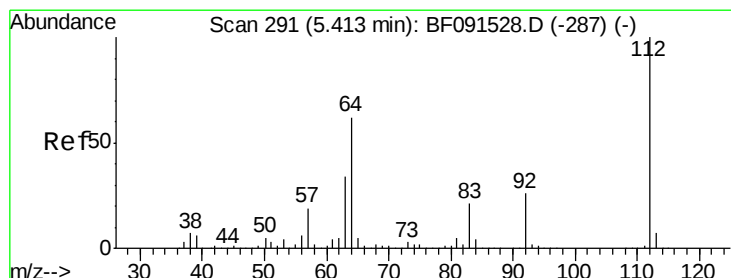
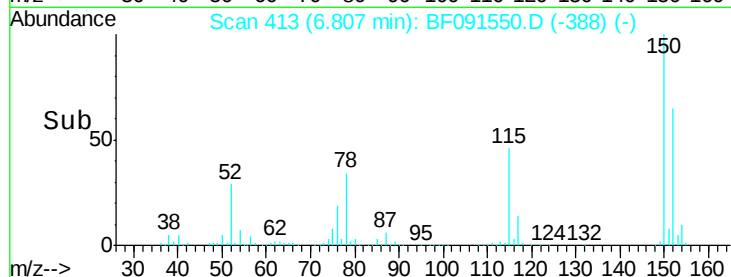
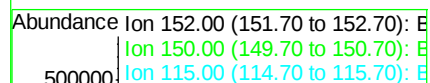
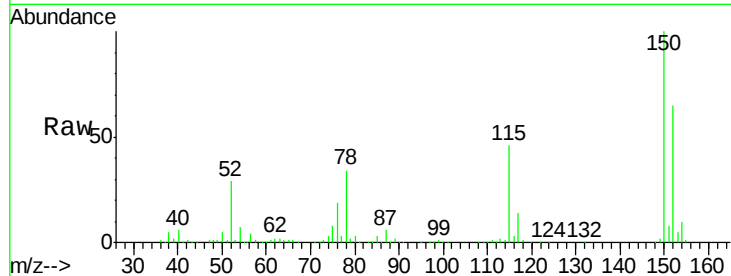
Tgt Ion:152 Resp: 311774

Ion Ratio Lower Upper

152 100

150 153.6 122.5 183.7

115 71.3 51.8 77.8



#5

2-Fluorophenol

Concen: 135.44 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

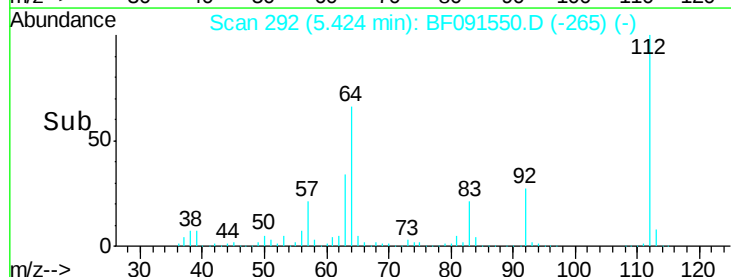
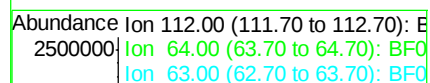
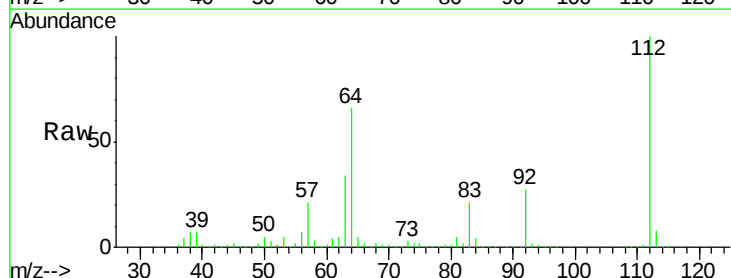
Tgt Ion:112 Resp: 2506489

Ion Ratio Lower Upper

112 100

64 65.8 61.5 92.3

63 34.3 33.3 49.9





#7

Phenol-d6

Concen: 149.03 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Instrument :

BNA_F

ClientSampleId :

1M-BS-HU-01

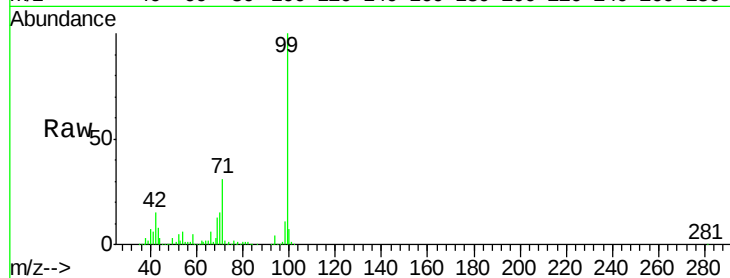
Tgt Ion: 99 Resp: 3438212

Ion Ratio Lower Upper

99 100

42 14.9 20.6 31.0#

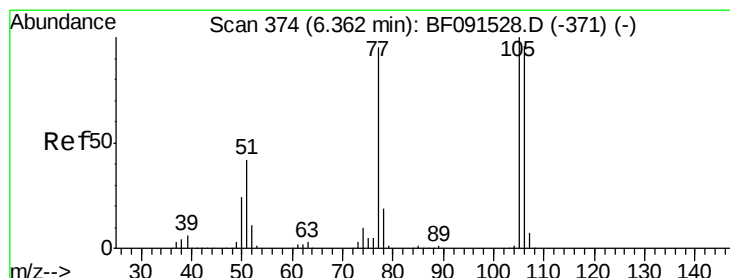
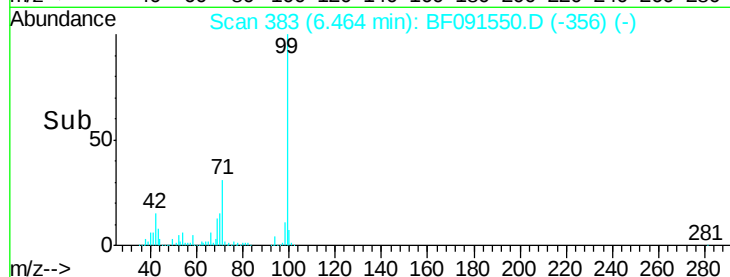
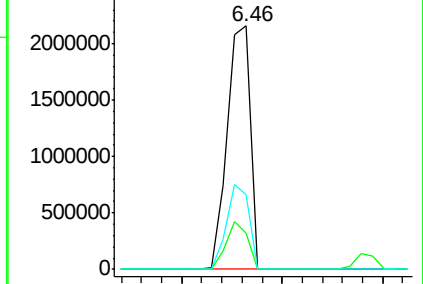
71 30.9 29.9 44.9



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: 4.26 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.23 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

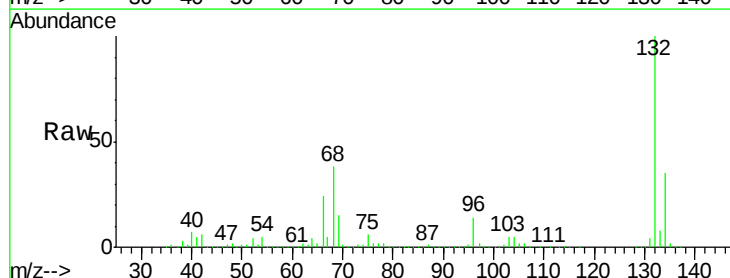
Tgt Ion: 77 Resp: 67590

Ion Ratio Lower Upper

77 100

105 85.8 66.4 106.4

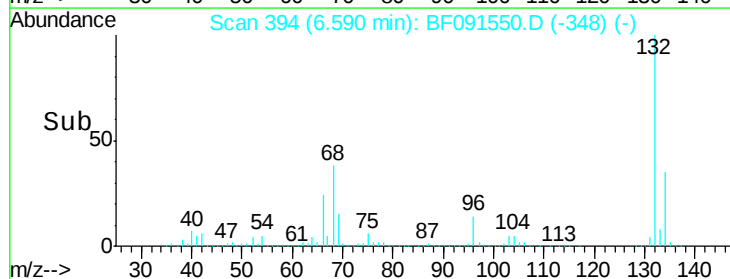
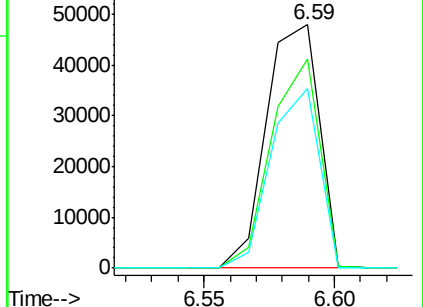
106 73.5 60.9 100.9

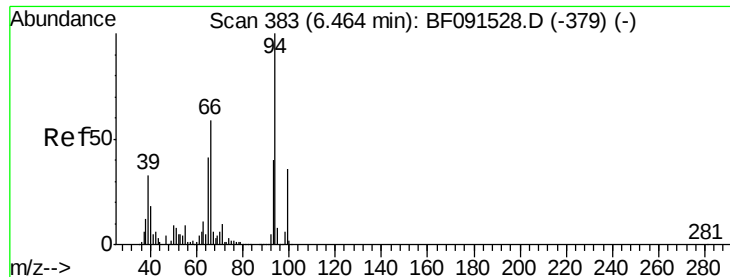


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.75 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Instrument :

BNA_F

ClientSampleId :

1M-BS-HU-01

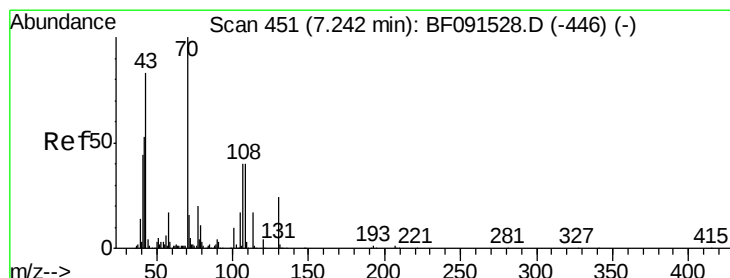
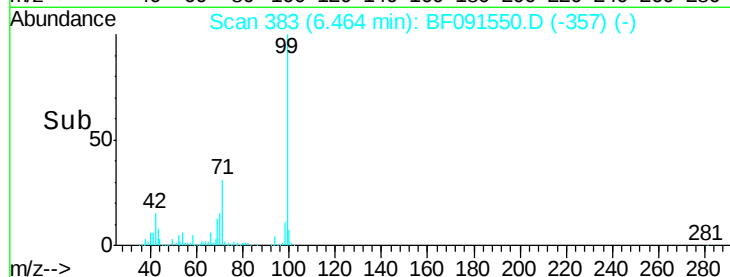
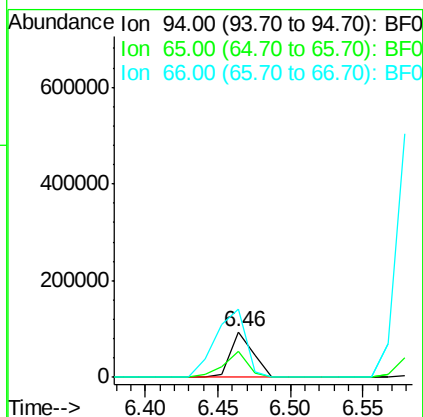
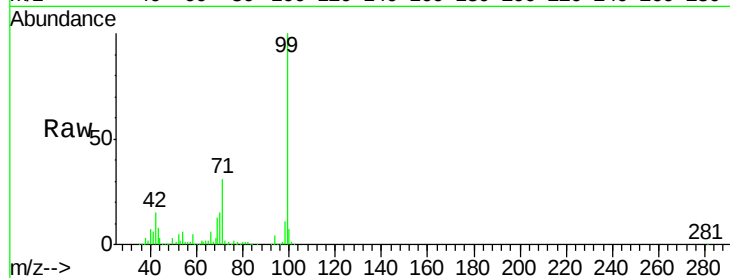
Tgt Ion: 94 Resp: 101208

Ion Ratio Lower Upper

94 100

65 56.0 16.9 56.9

66 148.5 30.6 70.6#



#19

n-Nitroso-di-n-propylamine

Concen: 20.26 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Tgt Ion: 70 Resp: 292276

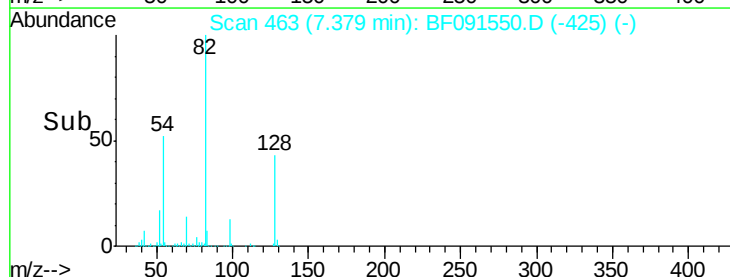
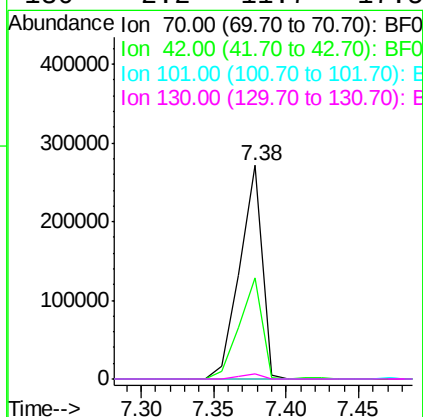
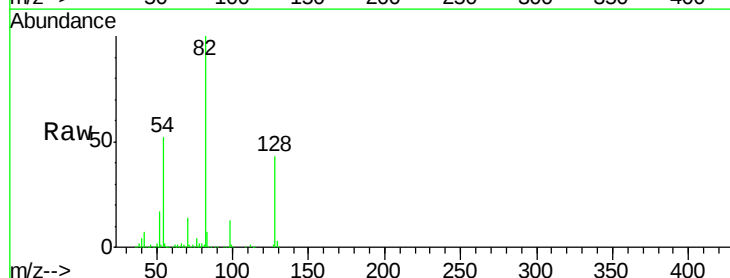
Ion Ratio Lower Upper

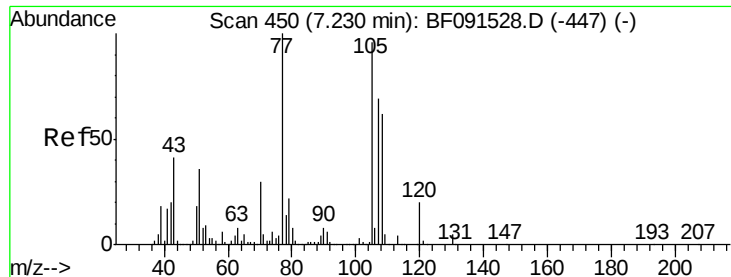
70 100

42 47.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#

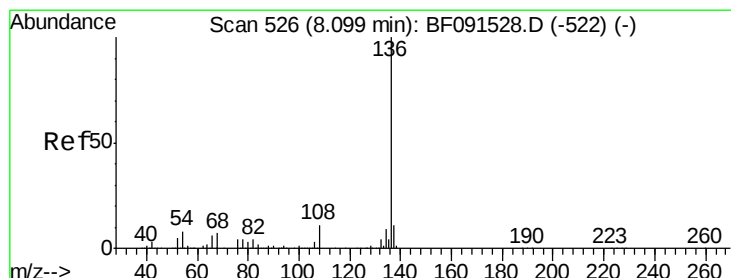
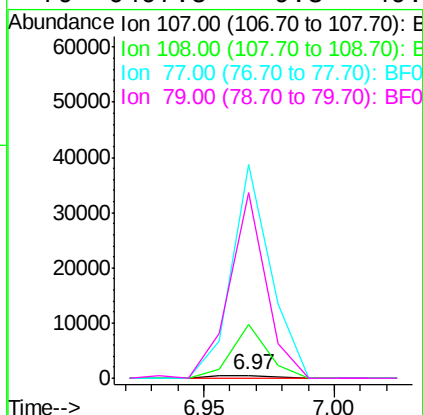
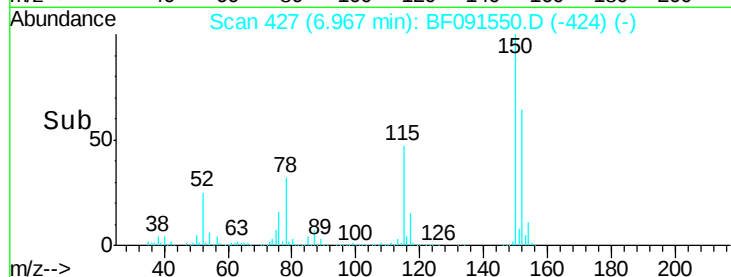
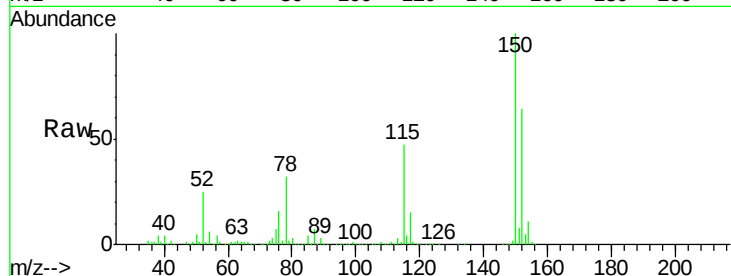




#20
3+4-Methylphenols
Concen: Below Cal
RT: 6.97 min Scan# 427
Delta R.T. -0.26 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

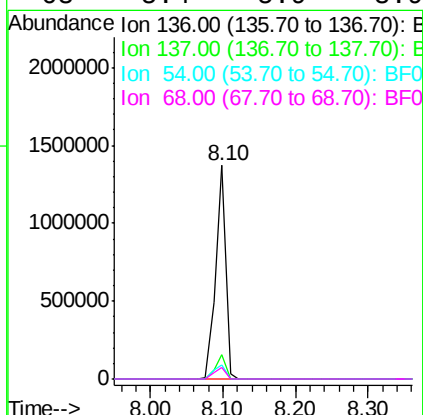
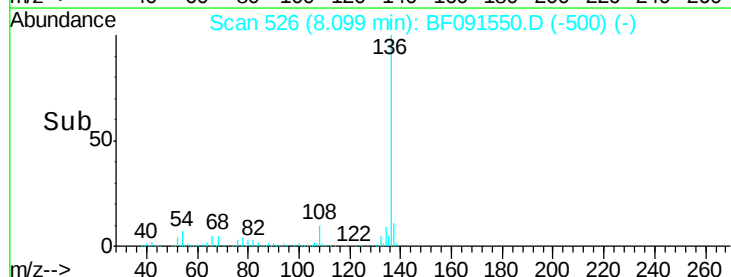
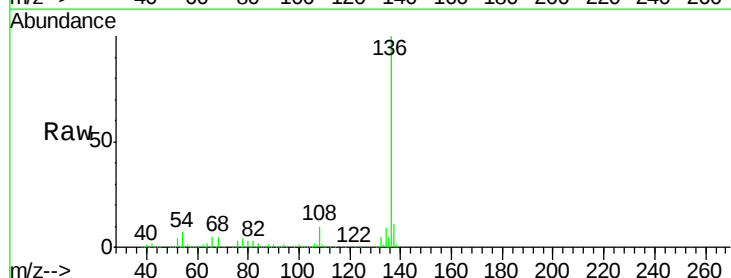
Instrument :
BNA_F
ClientSampleId :
1M-BS-HU-01

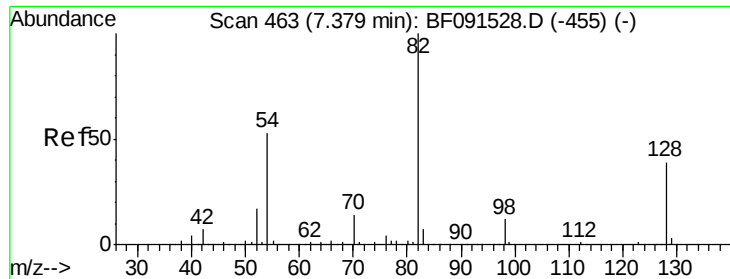
Tgt Ion:107 Resp: 900
Ion Ratio Lower Upper
107 100
108 1877.4 64.6 104.6#
77 7486.3 30.9 70.9#
79 6497.5 9.3 49.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

Tgt Ion:136 Resp: 1317674
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 6.6 9.1 13.7#
68 5.4 5.9 8.9#

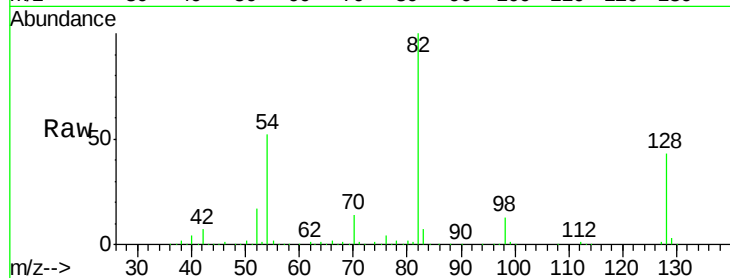




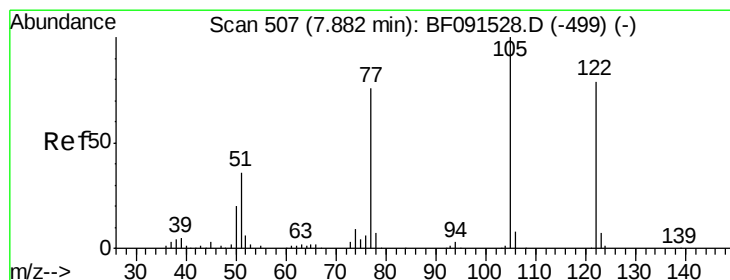
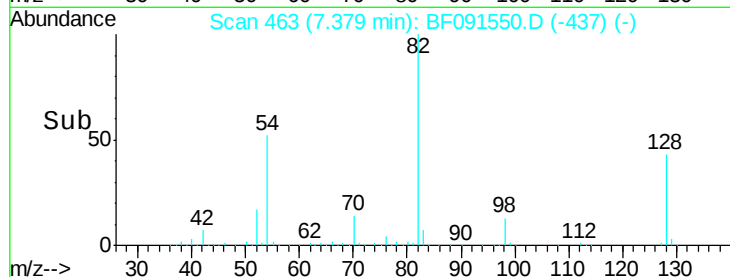
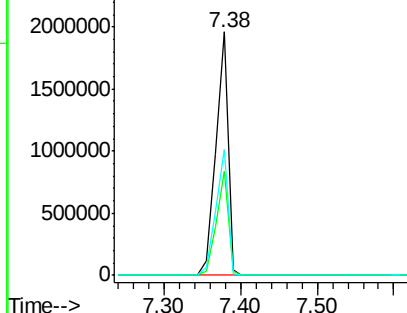
#23
 Nitrobenzene-d5
 Concen: 90.08 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091550.D
 Acq: 13 Dec 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :
 1M-BS-HU-01

Tgt Ion: 82 Resp: 2126718
 Ion Ratio Lower Upper
 82 100
 128 42.6 31.8 47.6
 54 51.6 49.1 73.7

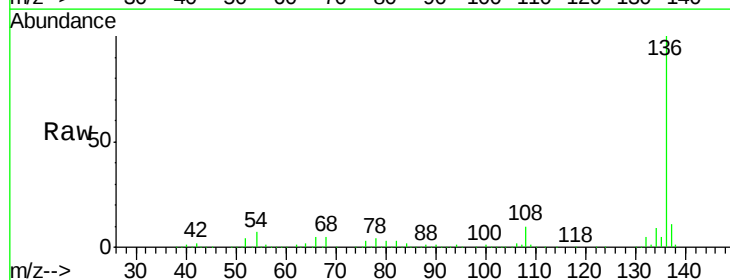


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

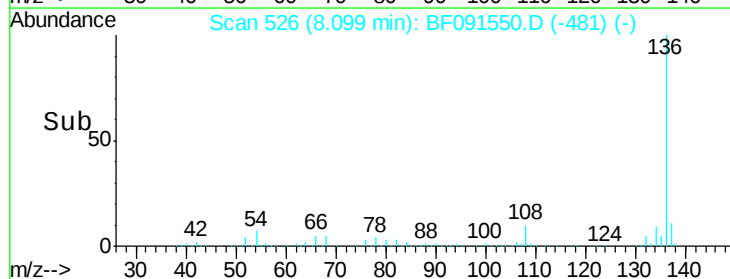
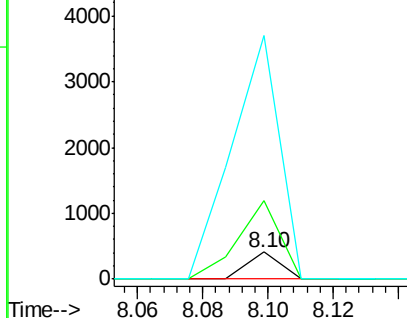


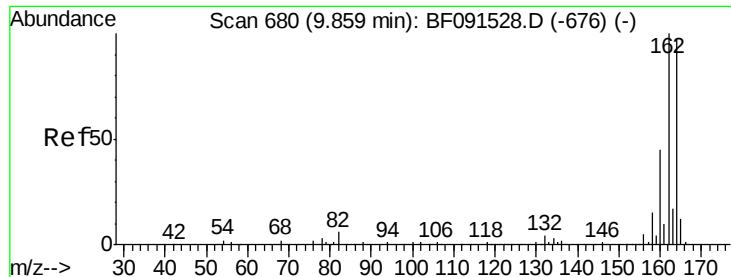
#32
 Benzoic acid
 Concen: 4.92 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.22 min
 Lab File: BF091550.D
 Acq: 13 Dec 2016 13:32

Tgt Ion: 122 Resp: 282
 Ion Ratio Lower Upper
 122 100
 105 291.0 113.0 153.0#
 77 900.5 82.0 122.0#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Instrument :

BNA_F

ClientSampleId :

1M-BS-HU-01

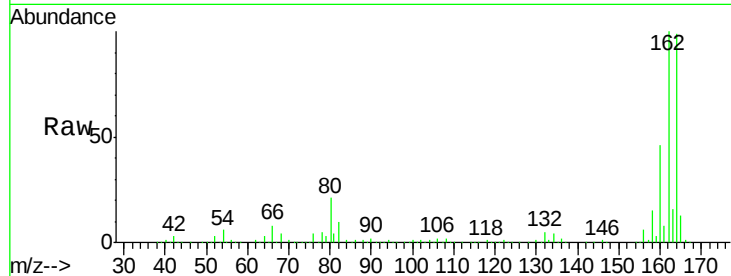
Tgt Ion:164 Resp: 650887

Ion Ratio Lower Upper

164 100

162 101.1 82.6 124.0

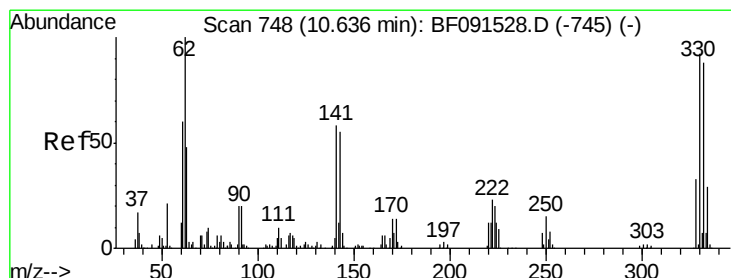
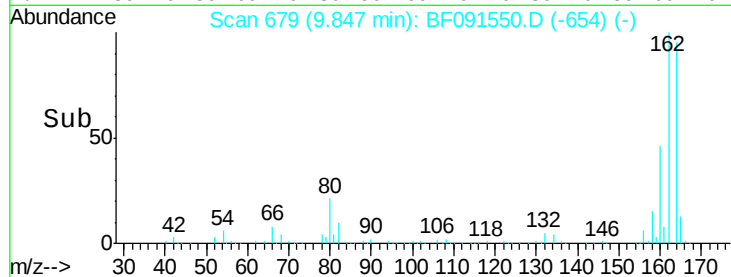
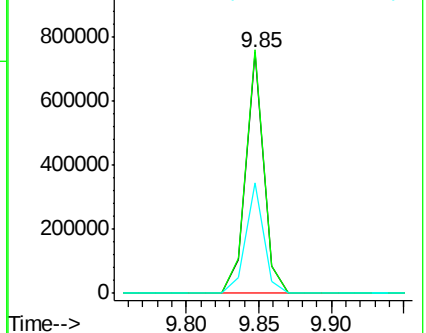
160 46.0 36.7 55.1



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: 136.28 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

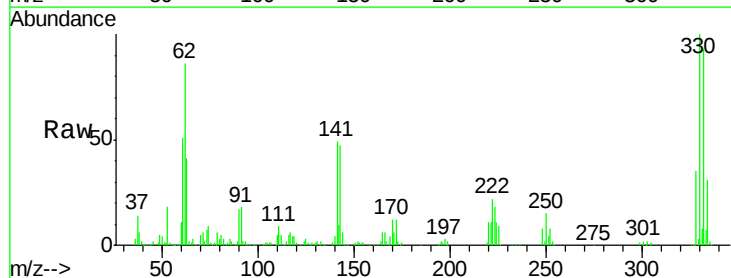
Tgt Ion:330 Resp: 736736

Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

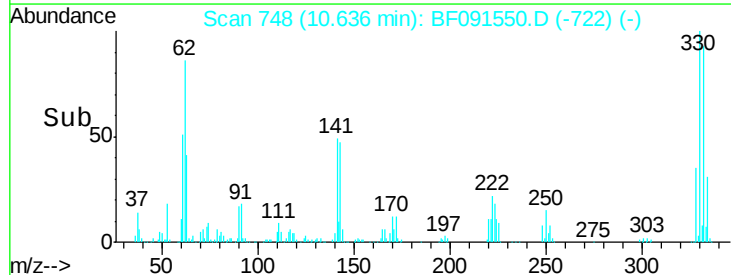
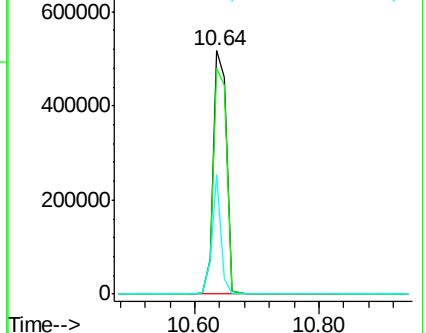
141 34.2 33.6 50.4

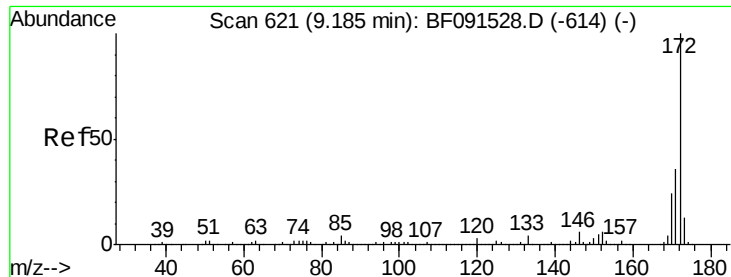


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

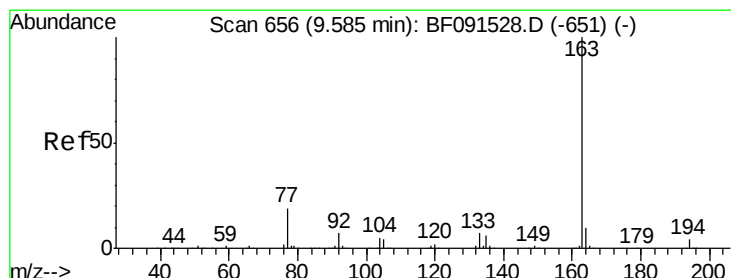
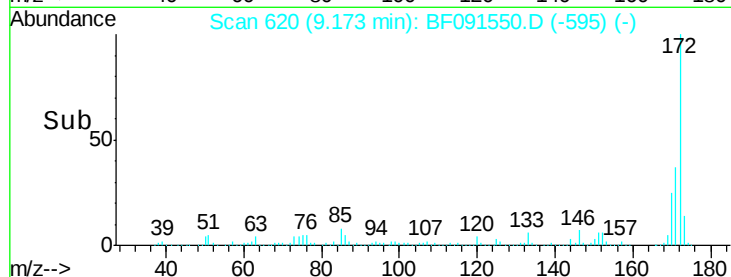
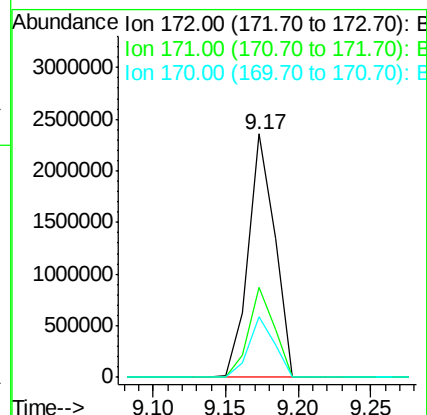
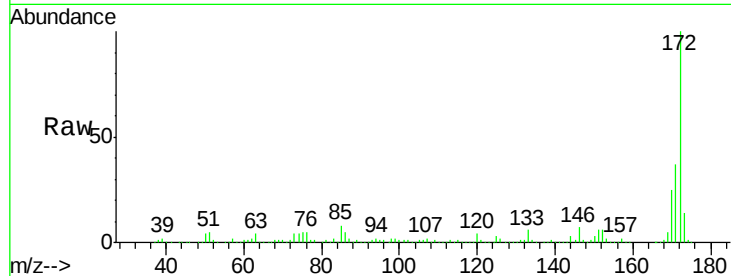




#44
2-Fluorobiphenyl
Concen: 79.23 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

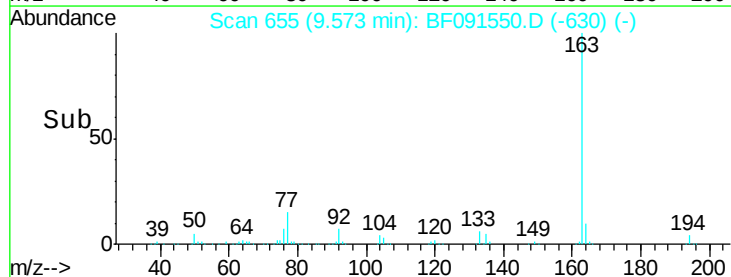
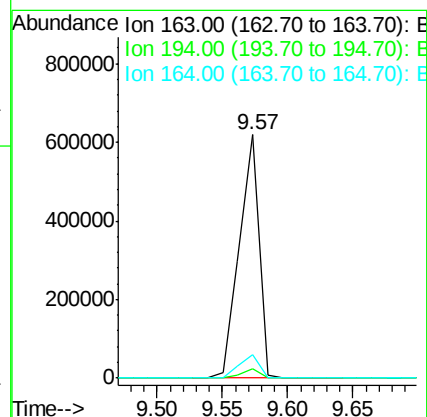
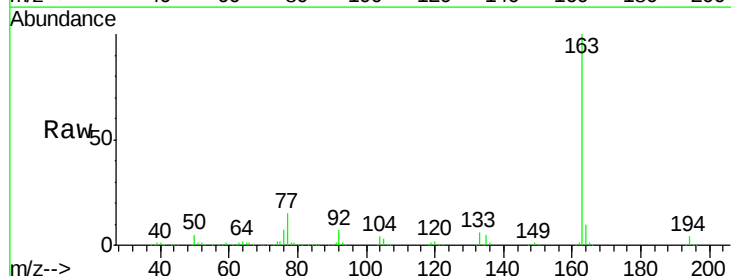
Instrument :
BNA_F
ClientSampleId :
1M-BS-HU-01

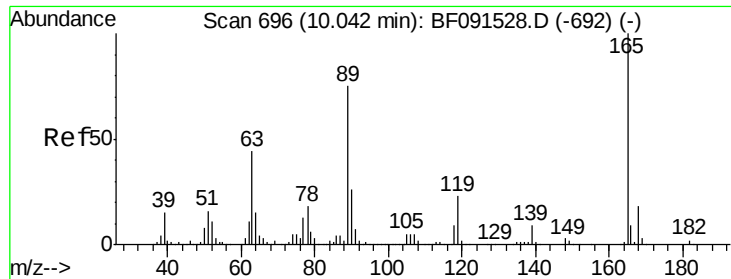
Tgt Ion:172 Resp: 2984595
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 25.1 19.7 29.5



#49
Dimethylphthalate
Concen: 15.64 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

Tgt Ion:163 Resp: 644402
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.6 7.8 11.8

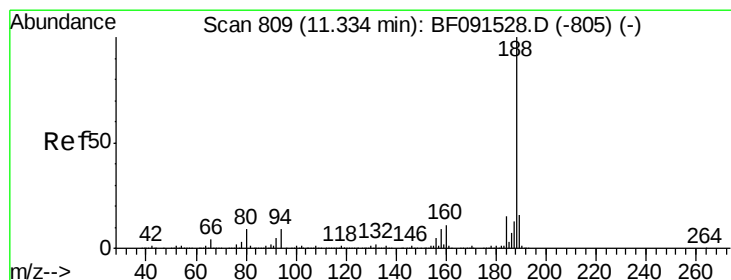
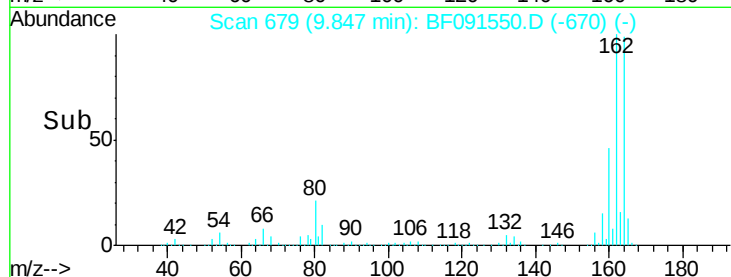
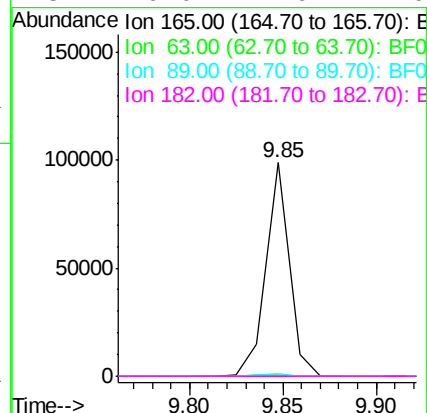
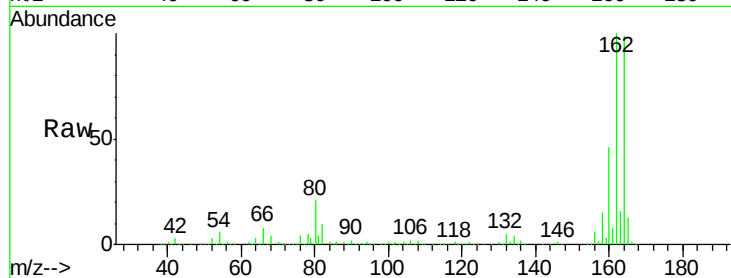




#56
 2,4-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.19 min
 Lab File: BF091550.D
 Acq: 13 Dec 2016 13:32

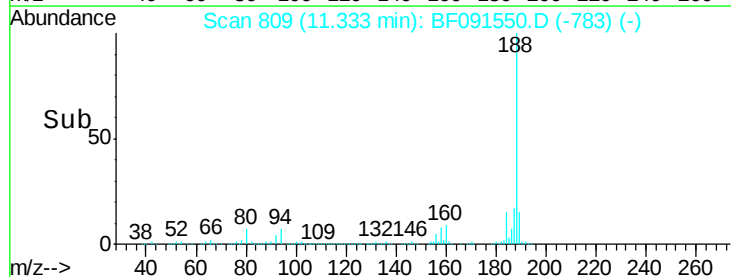
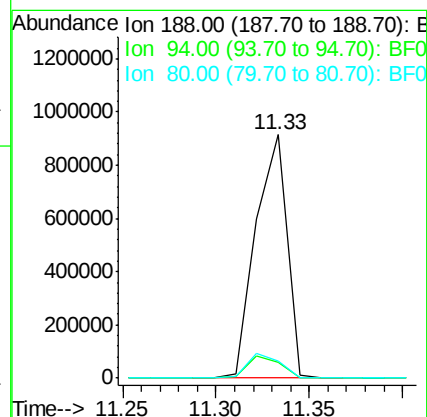
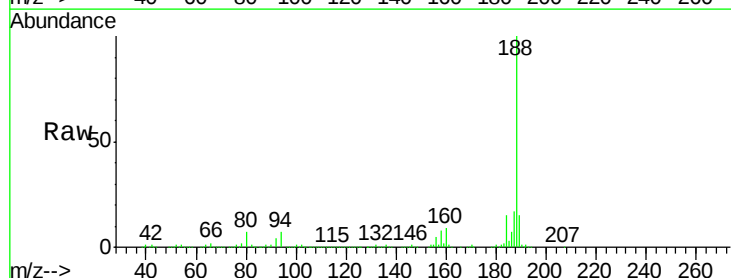
Instrument :
 BNA_F
 ClientSampleId :
 1M-BS-HU-01

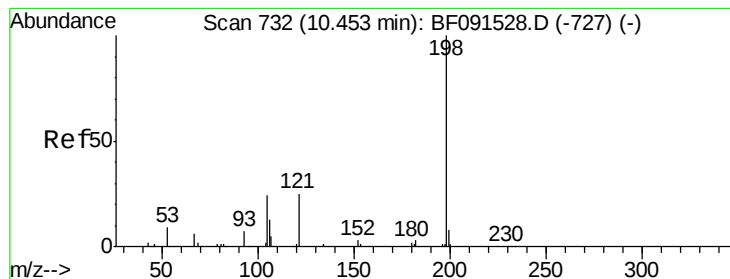
Tgt Ion:	165	Resp:	85170
Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF091550.D
 Acq: 13 Dec 2016 13:32

Tgt Ion:	188	Resp:	1061986
Ion	Ratio	Lower	Upper
188	100		
94	6.7	9.2	13.8#
80	7.2	10.5	15.7#





#64

4,6-Dinitro-2-methylphenol

Concen: 3.21 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.18 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Instrument :

BNA_F

ClientSampleId :

1M-BS-HU-01

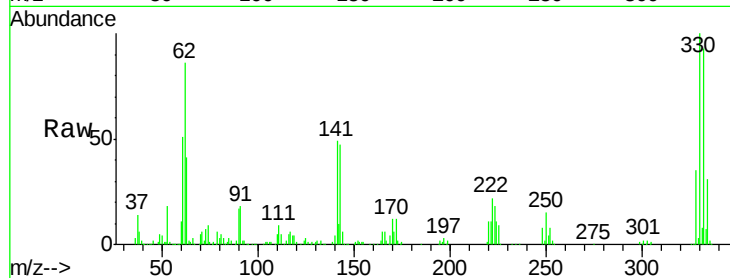
Tgt Ion:198 Resp: 1828

Ion Ratio Lower Upper

198 100

51 174.2 77.1 117.1#

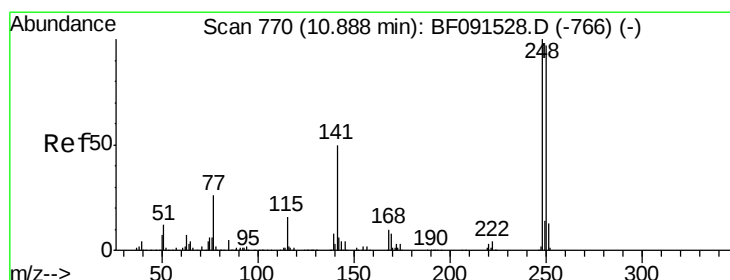
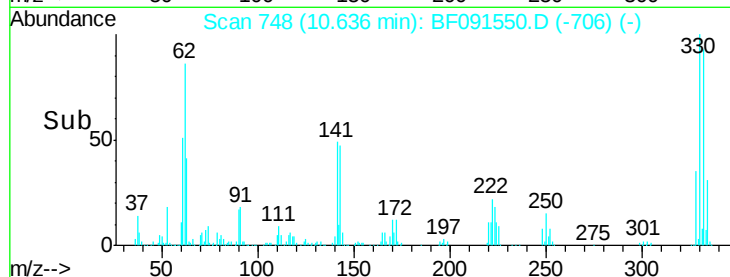
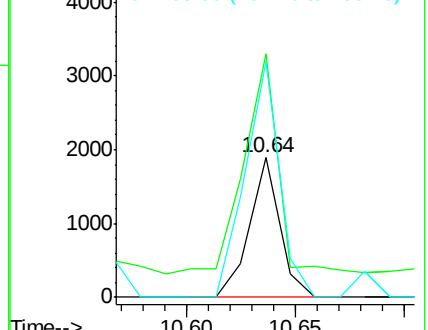
105 169.1 44.8 84.8#



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: 3.97 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

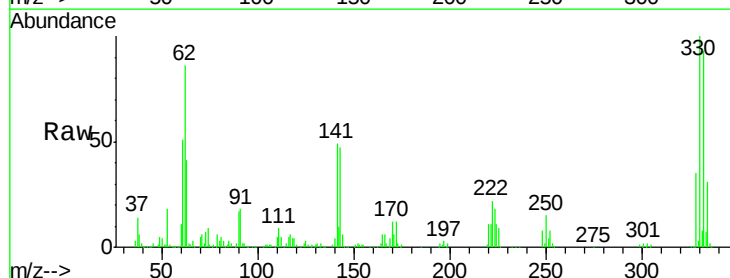
Tgt Ion:248 Resp: 43279

Ion Ratio Lower Upper

248 100

250 198.4 78.2 117.4#

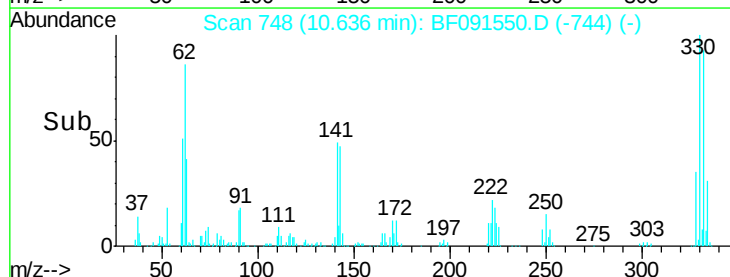
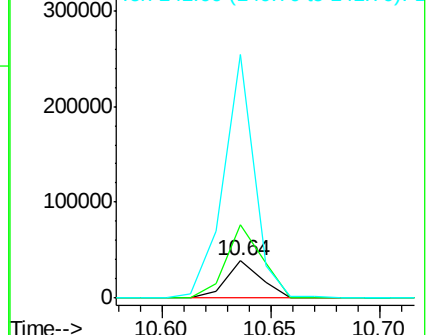
141 652.9 71.9 107.9#

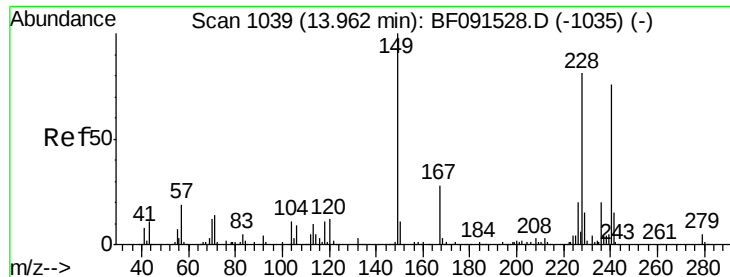


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

Instrument :

BNA_F

ClientSampleId :

1M-BS-HU-01

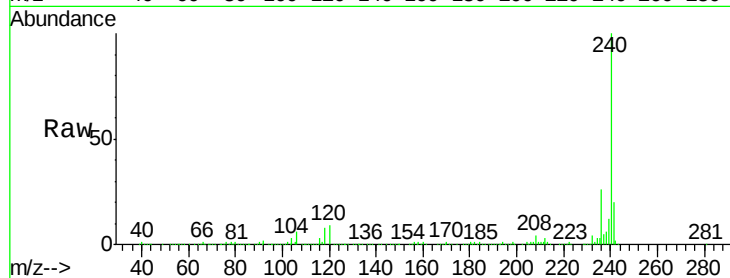
Tgt Ion:240 Resp: 836214

Ion Ratio Lower Upper

240 100

120 8.9 12.1 18.1#

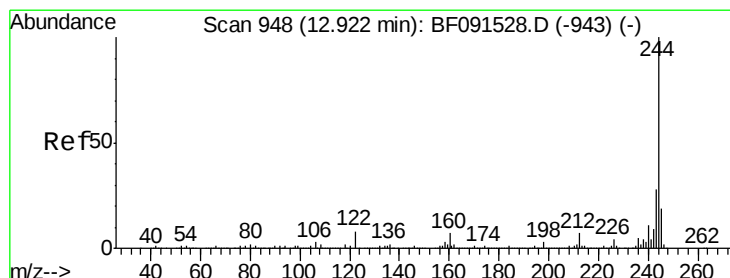
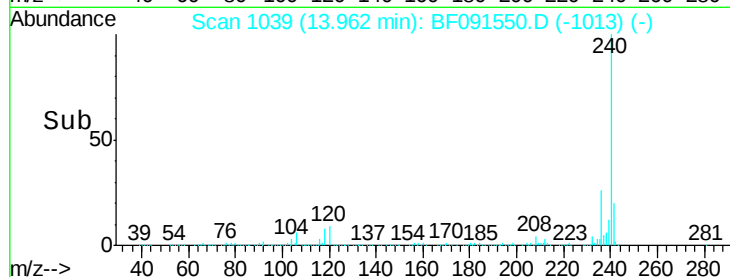
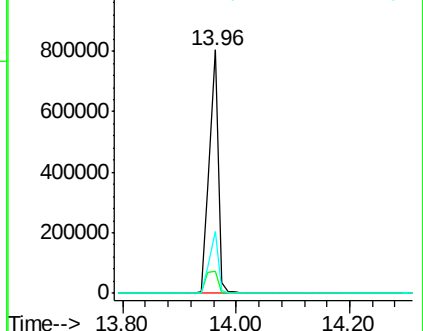
236 25.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 75.43 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091550.D

Acq: 13 Dec 2016 13:32

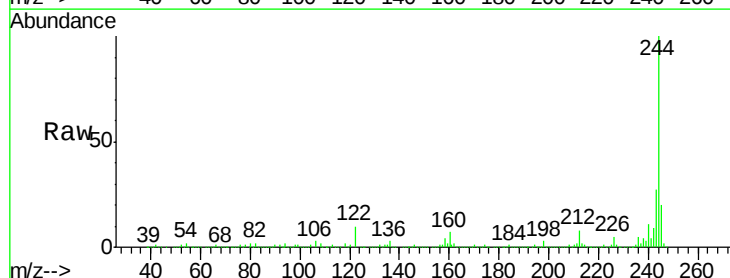
Tgt Ion:244 Resp: 2779687

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

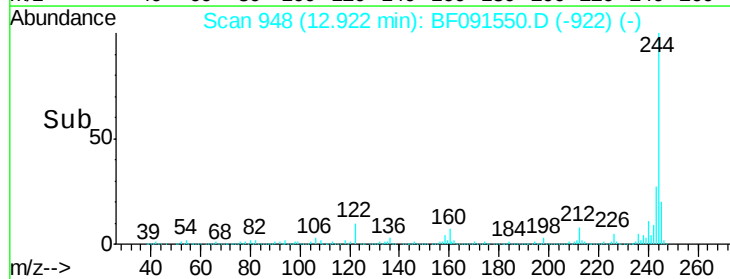
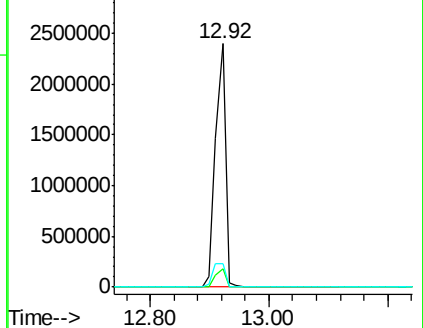
122 9.8 9.5 14.3

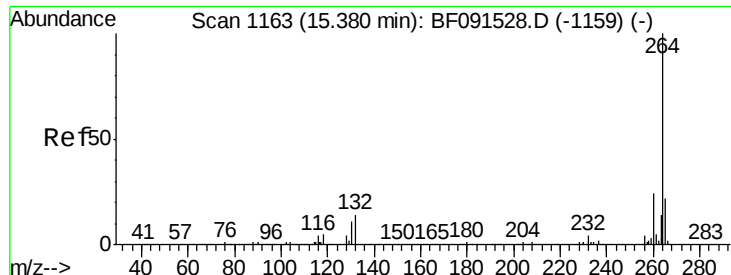


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

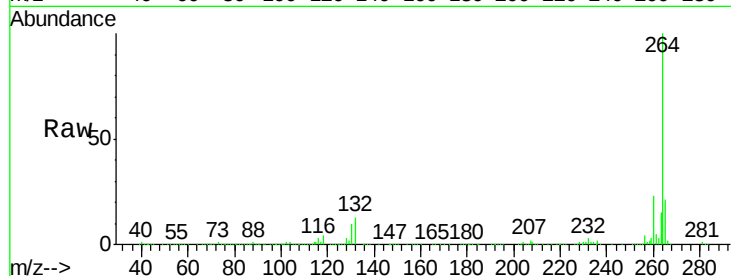




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091550.D
Acq: 13 Dec 2016 13:32

Instrument :
BNA_F
ClientSampleId :
1M-BS-HU-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.1	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

