

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091573.D
 Acq On : 14 Dec 2016 1:58
 Operator : UM/SJ
 Sample : H5922-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC120716

Quant Time: Dec 14 04:15:47 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

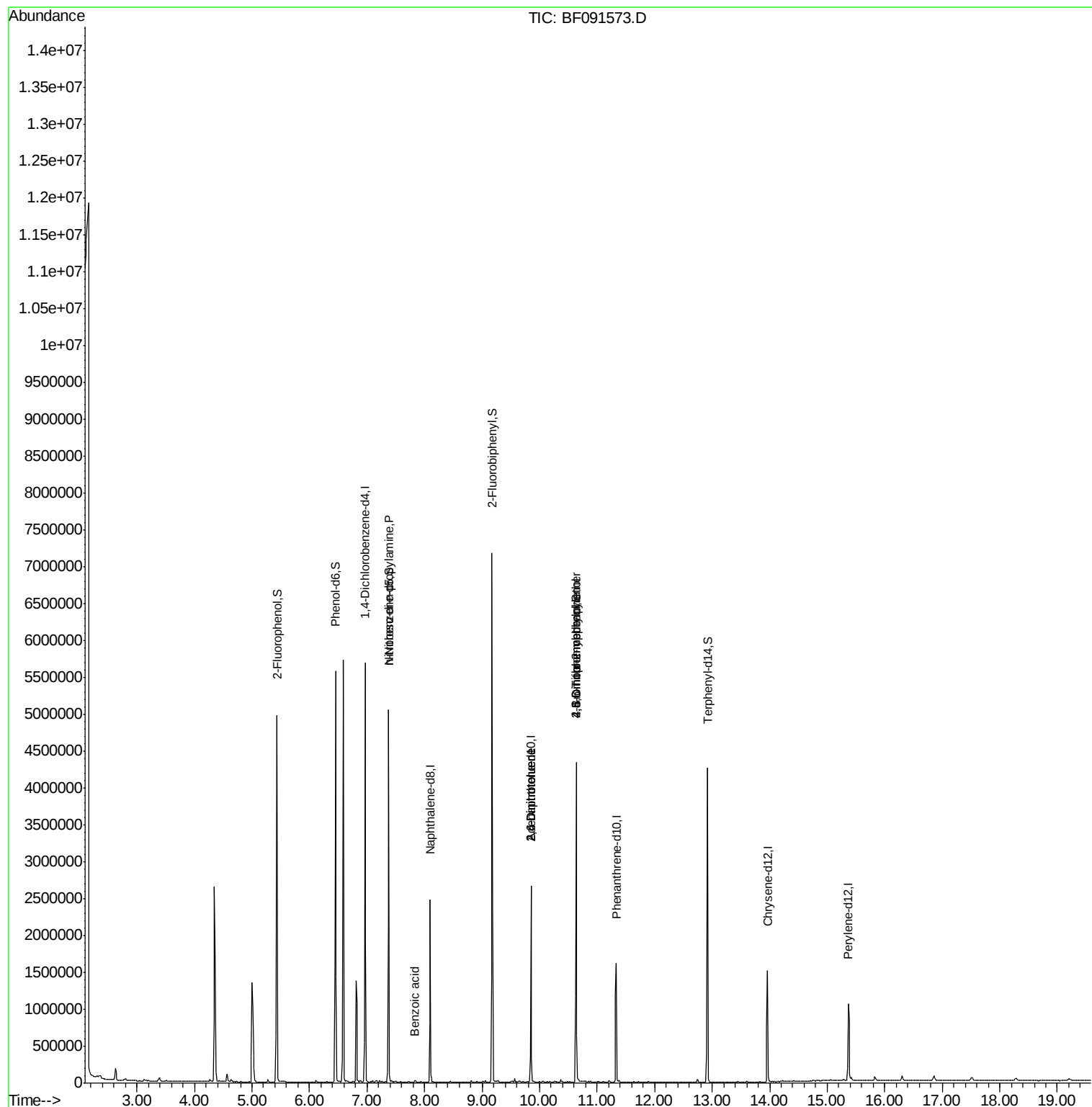
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	919913	20.00	ng	0.15
21) Naphthalene-d8	8.10	136	1161807	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	530062	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	776498	20.00	ng	0.00
75) Chrysene-d12	13.96	240	591055	20.00	ng	0.00
86) Perylene-d12	15.37	264	524917	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2116418	38.76	ng	0.02
7) Phenol-d6	6.45	99	2127716	31.26	ng	0.00
23) Nitrobenzene-d5	7.38	82	1800062	86.47	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	493862	112.17	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2537256	82.71	ng	-0.01
78) Terphenyl-d14	12.92	244	2046355	78.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	248569	5.84	ng	# 62
32) Benzoic acid	7.84	122	2412	5.07	ng	# 72
50) 2,6-Dinitrotoluene	9.85	165	70356	9.55	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	70361	7.62	ng	# 34
57) Fluorene	10.40	166	1330	Below Cal		# 80
64) 4,6-Dinitro-2-methylphenol	10.64	198	1178	3.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	30806	3.87	ng	# 1

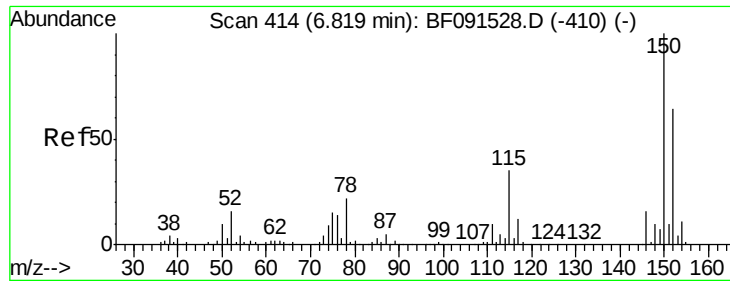
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091573.D
Acq On : 14 Dec 2016 1:58
Operator : UM/SJ
Sample : H5922-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC120716

Quant Time: Dec 14 04:15:47 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: 6.97 min Scan# 427

Delta R.T. 0.15 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

WC120716

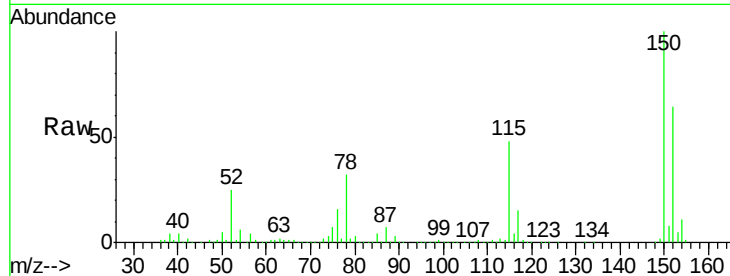
Tgt Ion:152 Resp: 919913

Ion Ratio Lower Upper

152 100

150 155.4 122.5 183.7

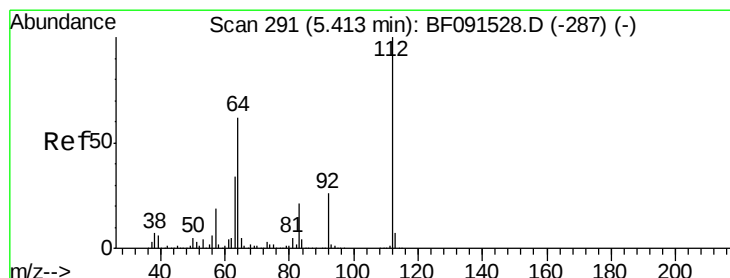
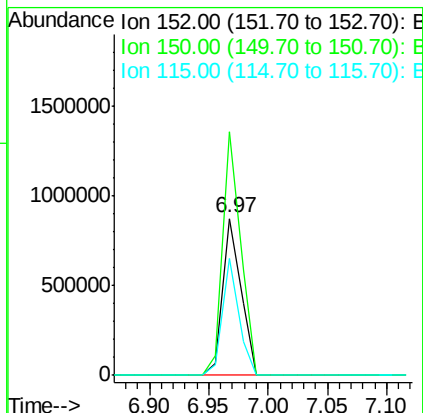
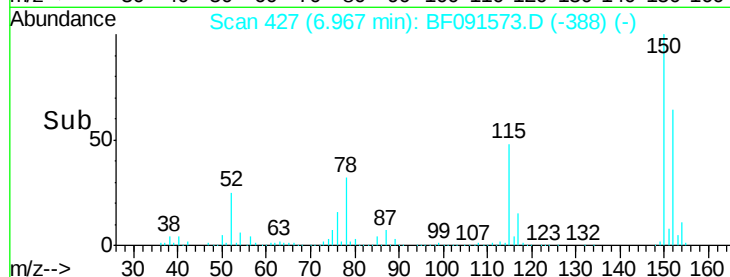
115 74.6 51.8 77.8



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: 38.76 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

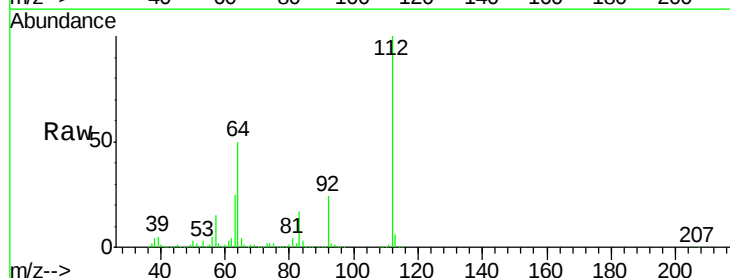
Tgt Ion:112 Resp: 2116418

Ion Ratio Lower Upper

112 100

64 50.2 61.5 92.3#

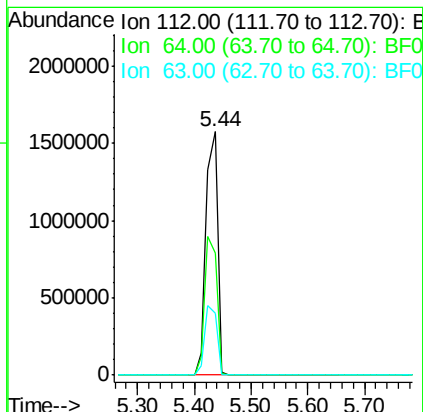
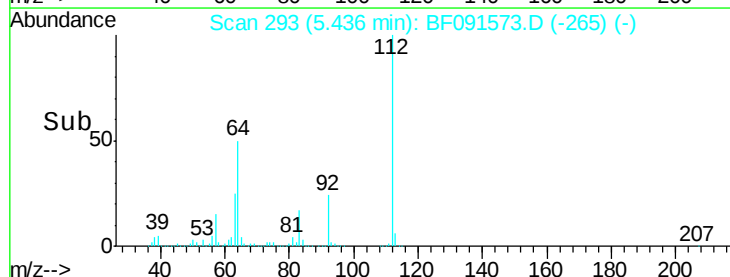
63 25.3 33.3 49.9#

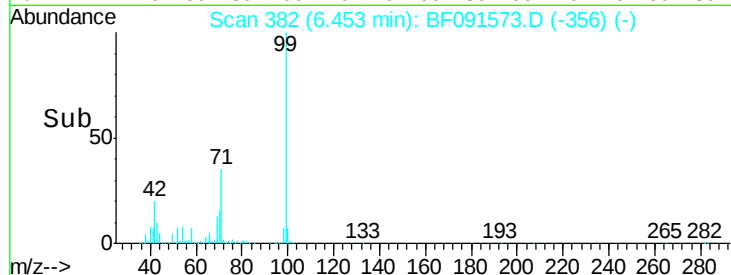
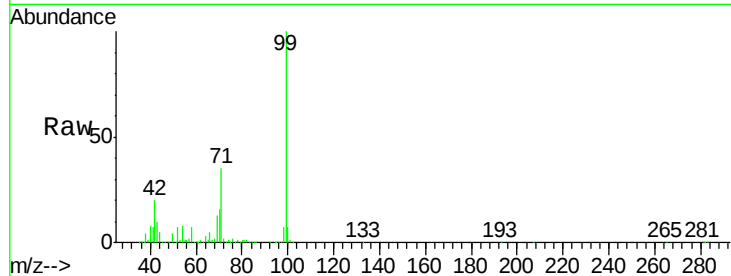
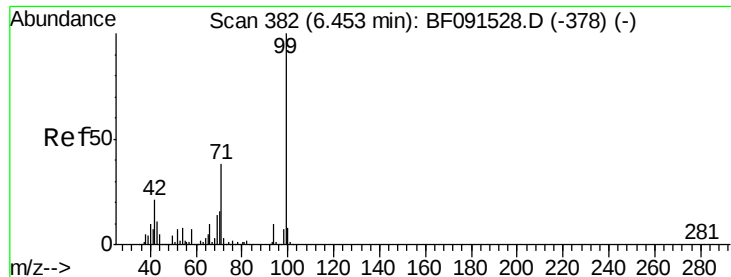


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.26 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

WC120716

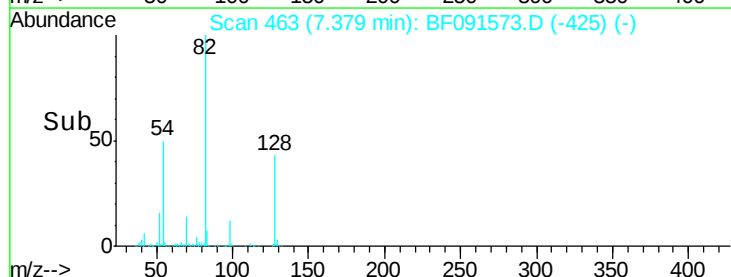
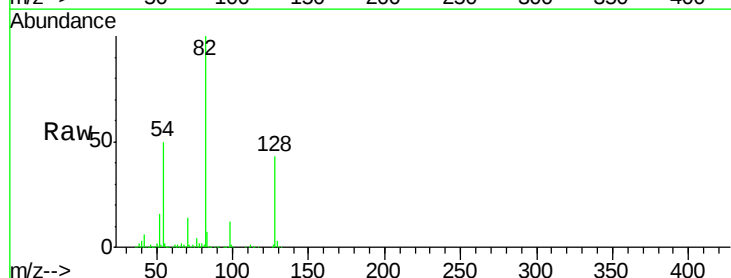
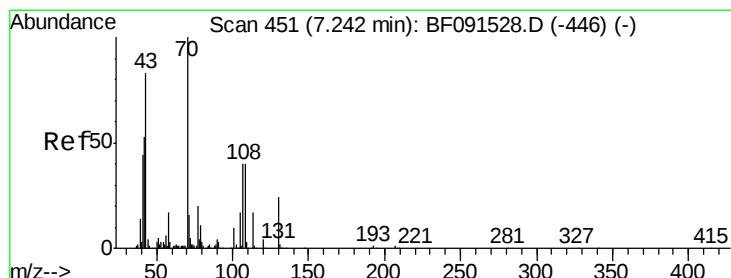
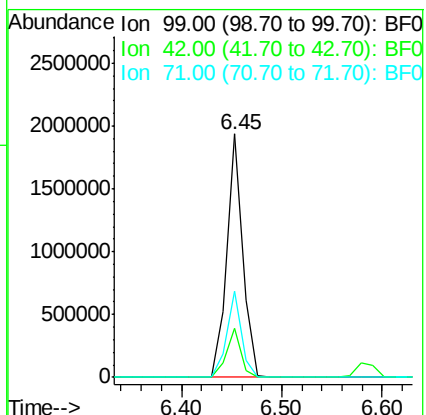
Tgt Ion: 99 Resp: 2127716

Ion Ratio Lower Upper

99 100

42 19.9 20.6 31.0#

71 35.2 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 5.84 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

Tgt Ion: 70 Resp: 248569

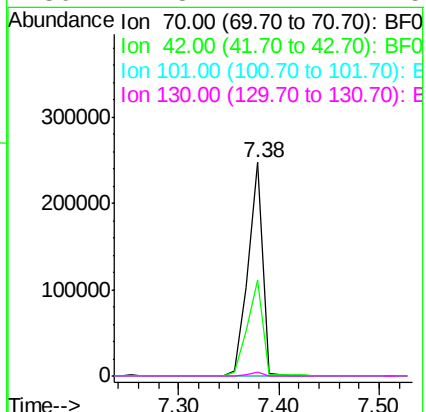
Ion Ratio Lower Upper

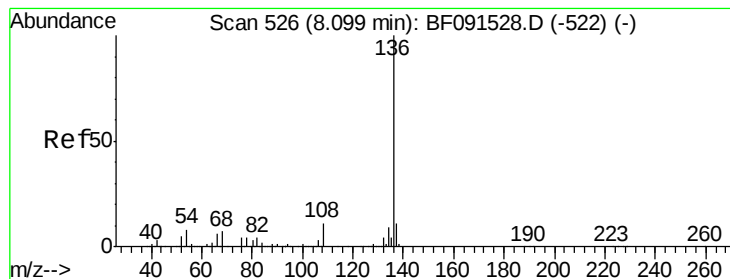
70 100

42 45.0 64.8 97.2#

101 0.0 6.2 9.4#

130 1.8 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

WC120716

Tgt Ion:136 Resp: 1161807

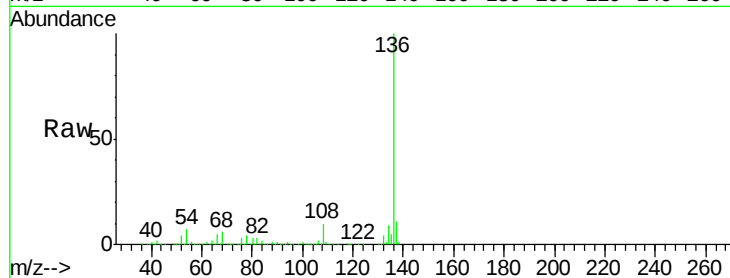
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 9.1 13.7#

68 6.0 5.9 8.9

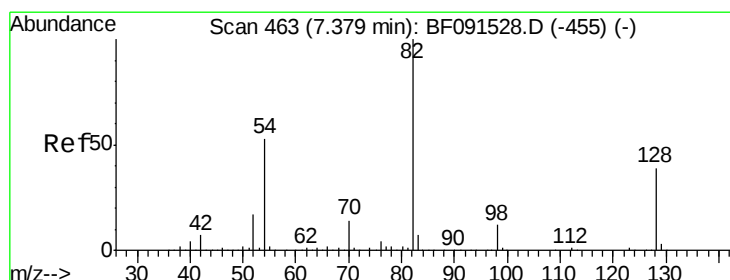
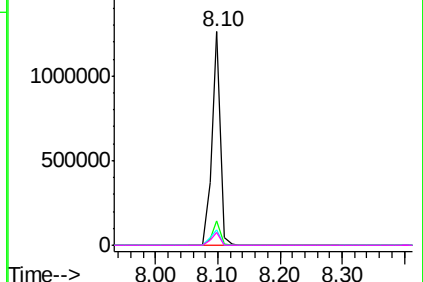
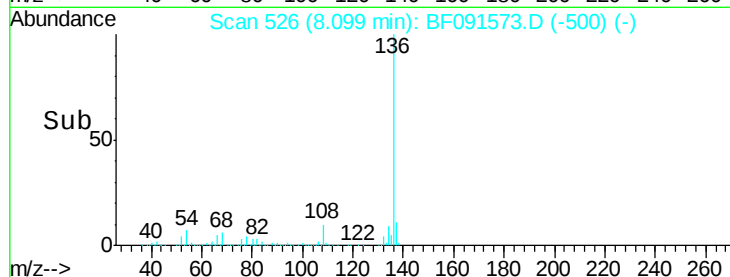


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.47 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

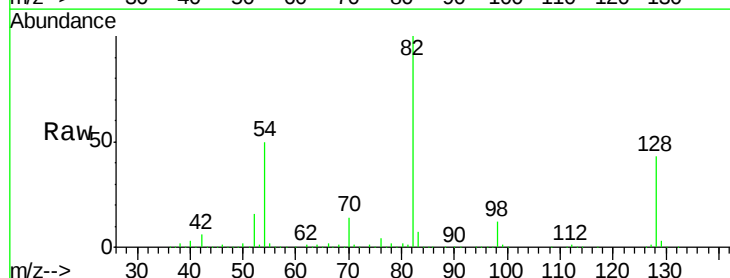
Tgt Ion: 82 Resp: 1800062

Ion Ratio Lower Upper

82 100

128 42.8 31.8 47.6

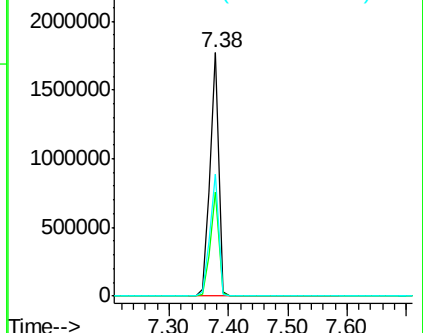
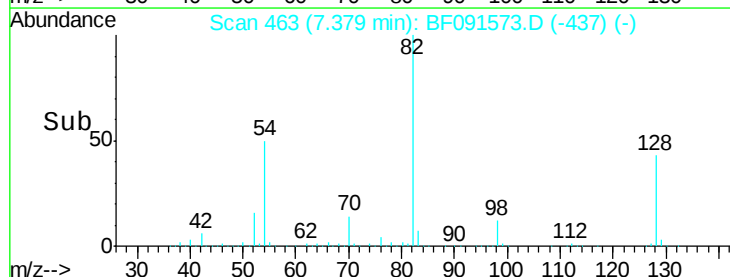
54 49.9 49.1 73.7

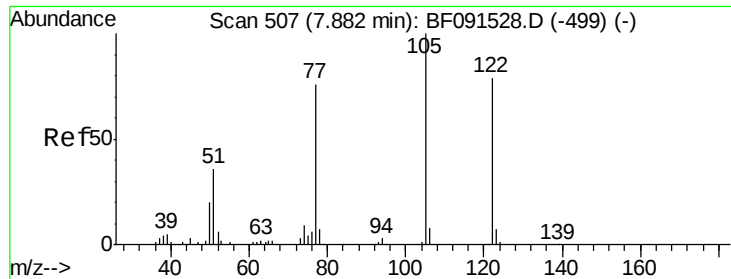


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

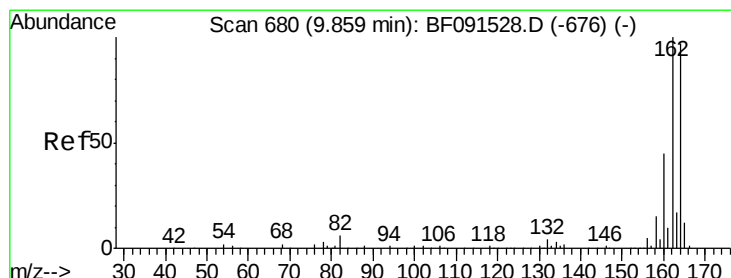
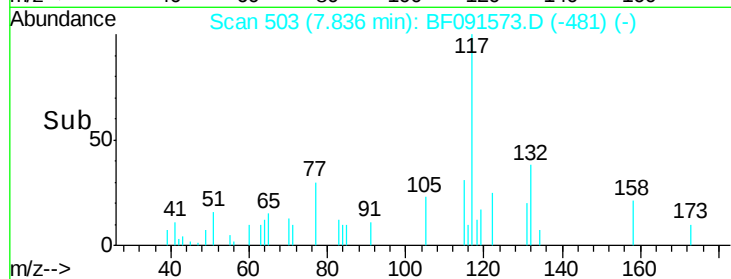
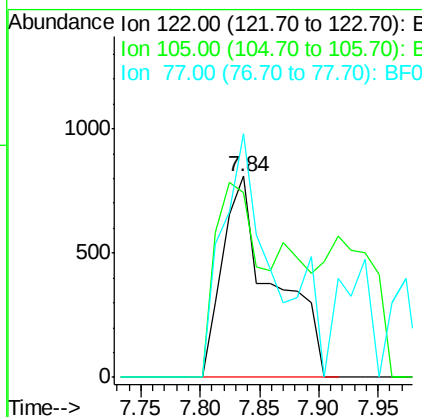
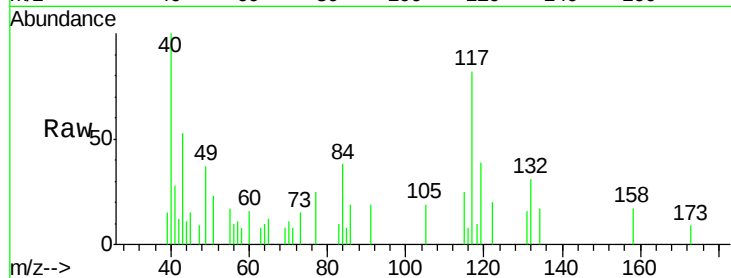




#32
Benzoic acid
Concen: 5.07 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.04 min
Lab File: BF091573.D
Acq: 14 Dec 2016 1:58

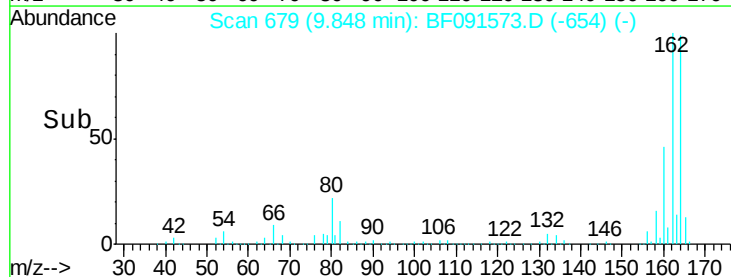
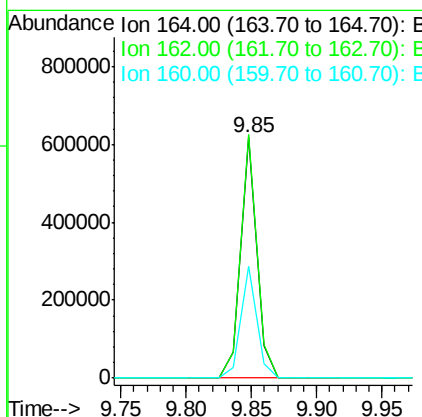
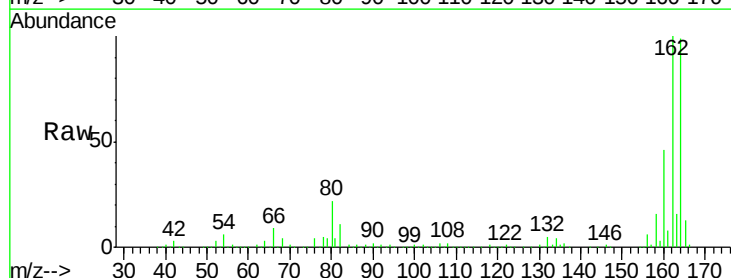
Instrument :
BNA_F
ClientSampleId :
WC120716

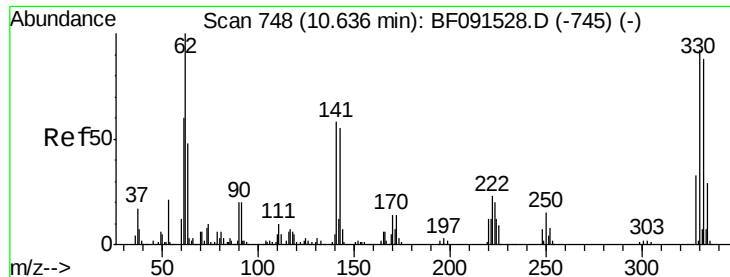
Tgt Ion:122 Resp: 2412
Ion Ratio Lower Upper
122 100
105 91.8 113.0 153.0#
77 121.1 82.0 122.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091573.D
Acq: 14 Dec 2016 1:58

Tgt Ion:164 Resp: 530062
Ion Ratio Lower Upper
164 100
162 101.0 82.6 124.0
160 46.3 36.7 55.1

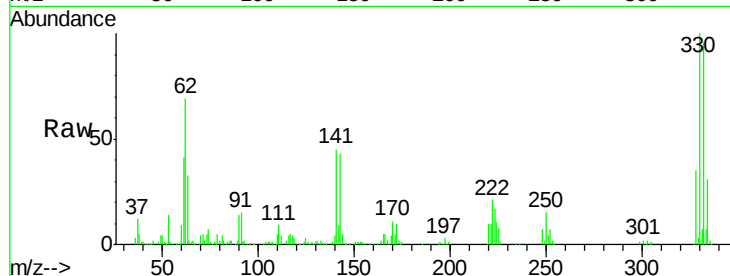




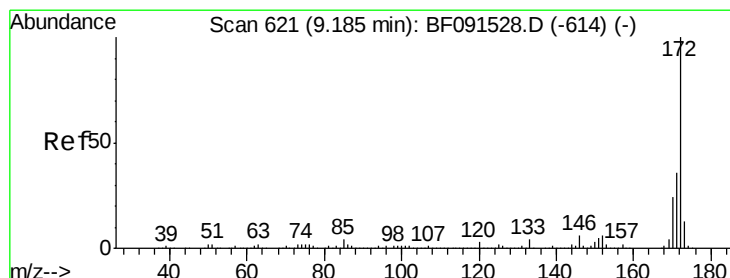
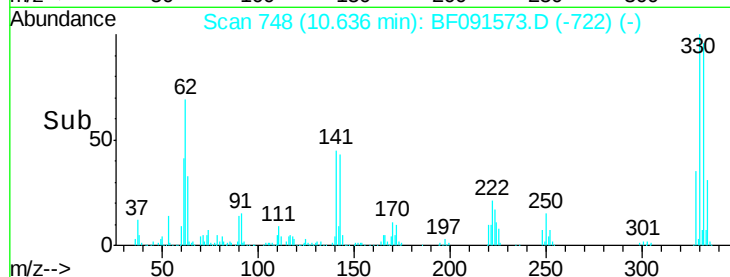
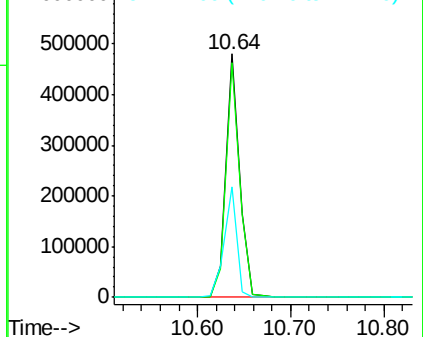
#41
 2,4,6-Tribromophenol
 Concen: 112.17 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 WC120716

Tgt Ion:330 Resp: 493862
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 41.5 33.6 50.4

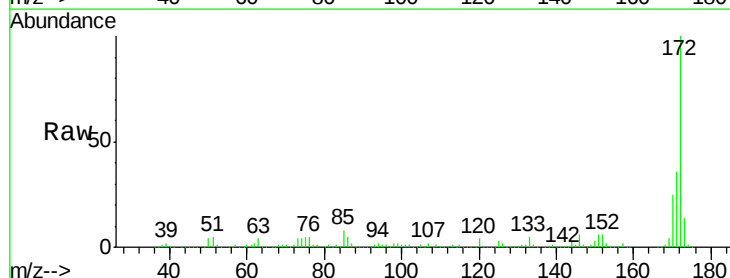


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

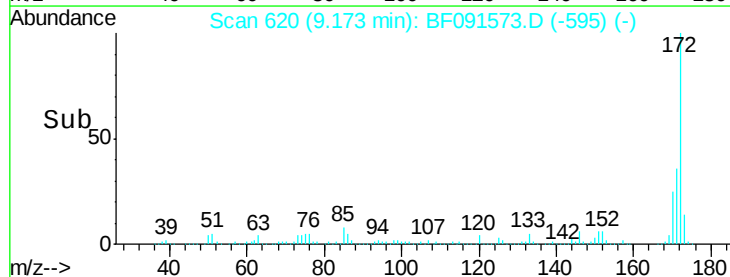
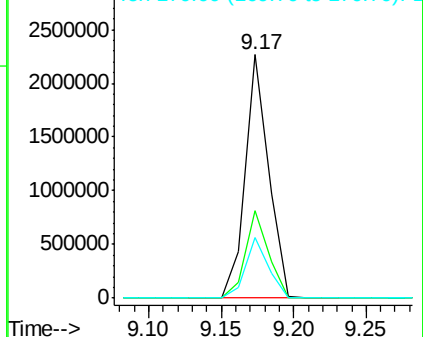


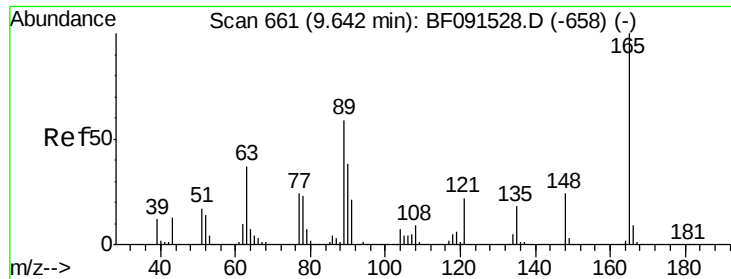
#44
 2-Fluorobiphenyl
 Concen: 82.71 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

Tgt Ion:172 Resp: 2537256
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.7 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

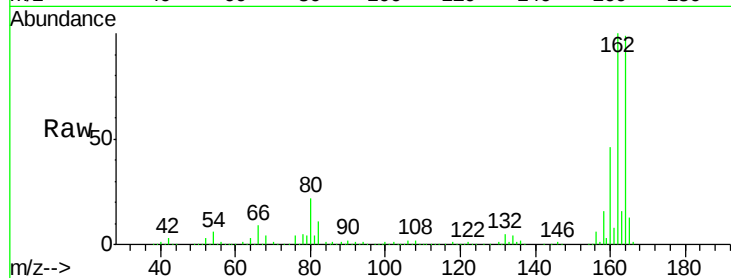




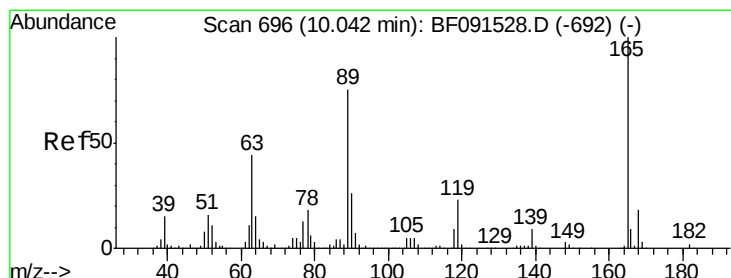
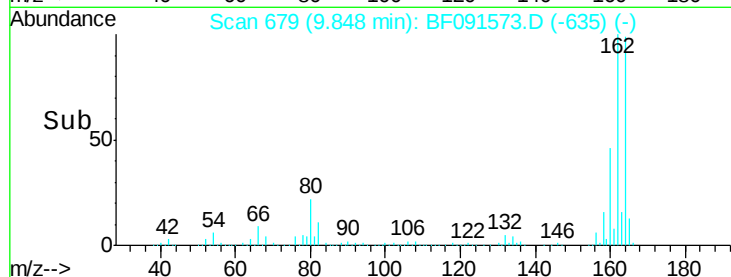
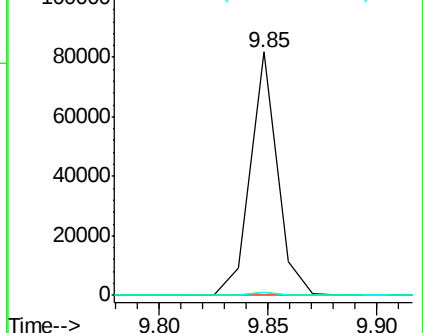
#50
 2,6-Dinitrotoluene
 Concen: 9.55 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.21 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampled :
 WC120716

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	59.4	89.0#
89	1.2	50.8	76.2#

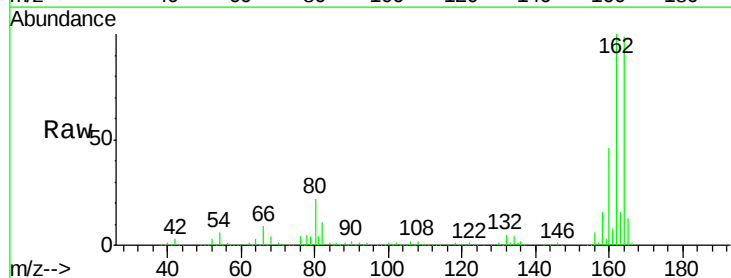


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

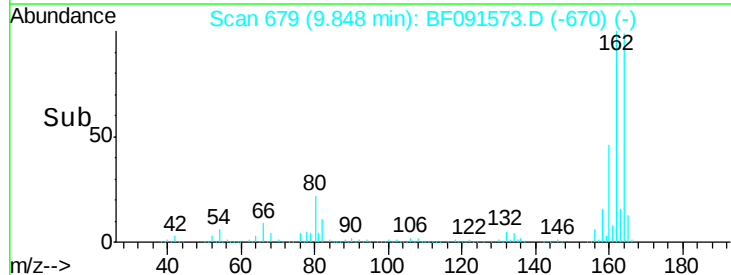
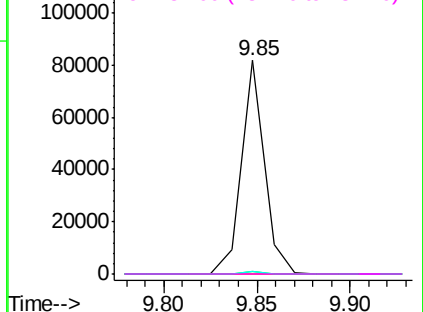


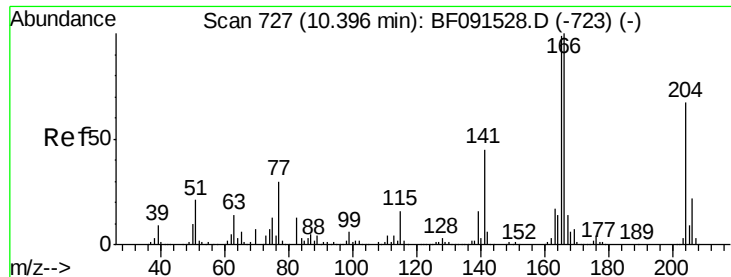
#56
 2,4-Dinitrotoluene
 Concen: 7.62 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.19 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#



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

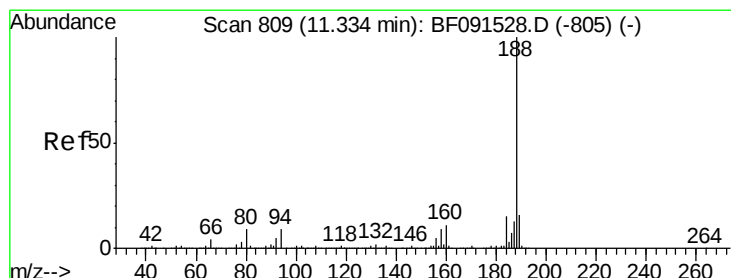
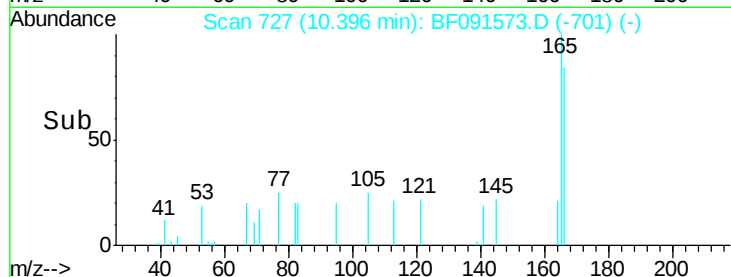
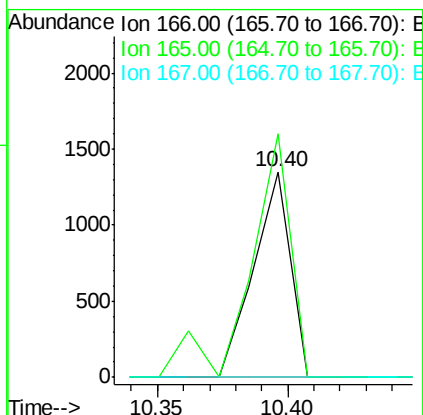
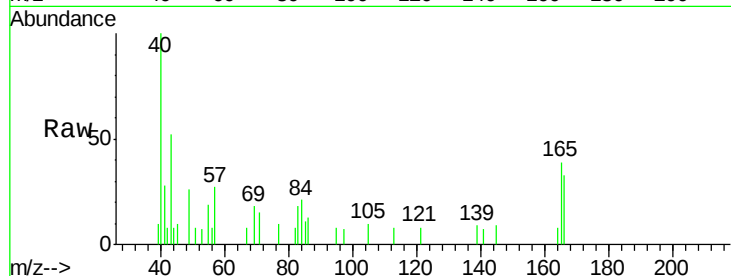




#57
Fluorene
 Concen: Below Cal
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

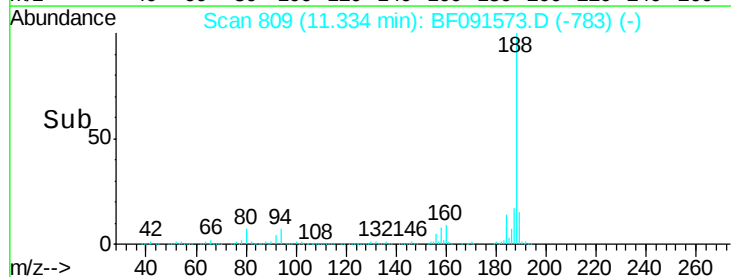
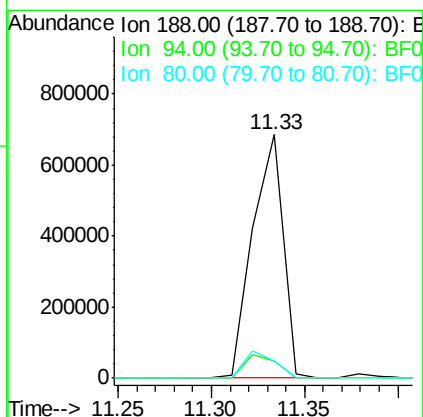
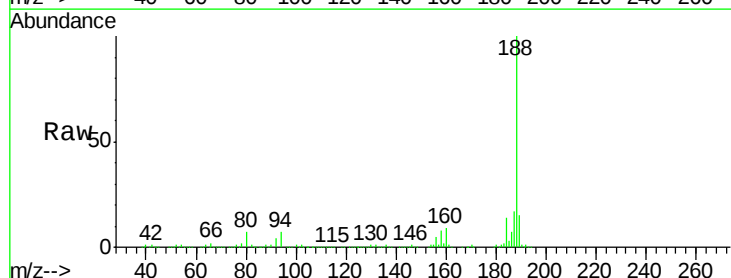
Instrument :
 BNA_F
 ClientSampleId :
 WC120716

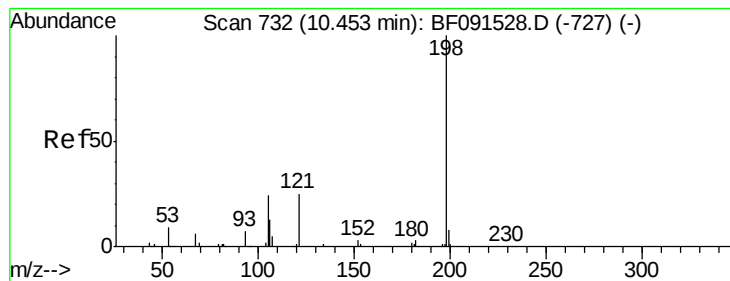
Tgt Ion:166 Resp: 1330
 Ion Ratio Lower Upper
 166 100
 165 118.5 80.0 120.0
 167 0.0 10.8 16.2#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

Tgt Ion:188 Resp: 776498
 Ion Ratio Lower Upper
 188 100
 94 6.9 9.2 13.8#
 80 7.0 10.5 15.7#





#64

4,6-Dinitro-2-methylphenol

Concen: 3.18 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.18 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

WC120716

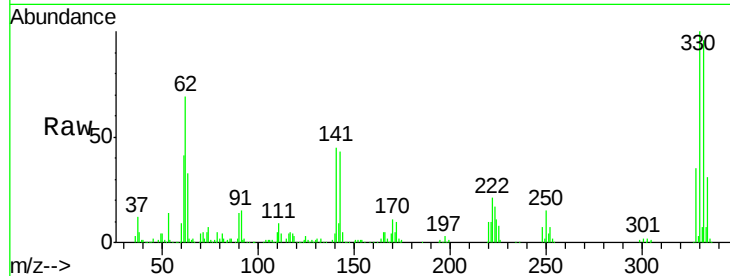
Tgt Ion:198 Resp: 1178

Ion Ratio Lower Upper

198 100

51 206.1 77.1 117.1#

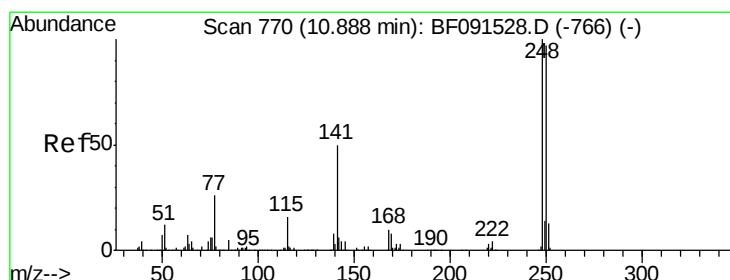
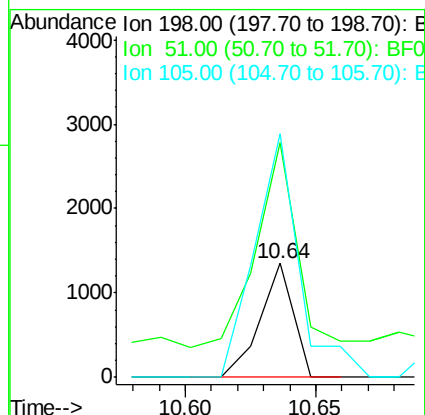
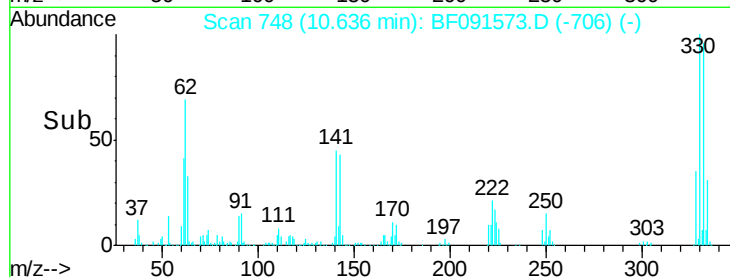
105 214.0 44.8 84.8#



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: 3.87 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

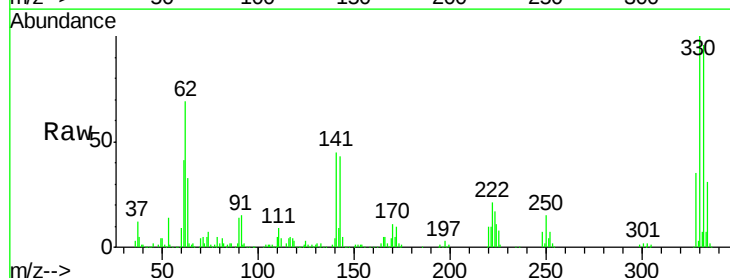
Tgt Ion:248 Resp: 30806

Ion Ratio Lower Upper

248 100

250 215.3 78.2 117.4#

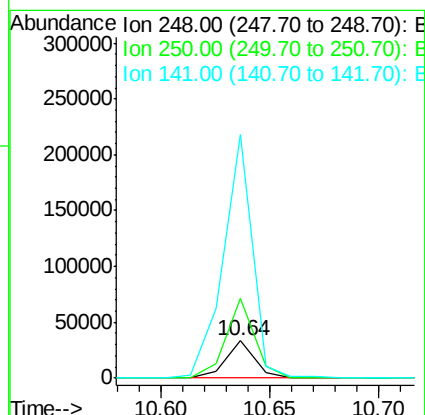
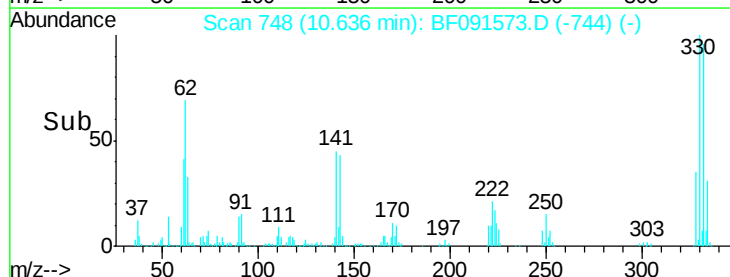
141 655.7 71.9 107.9#

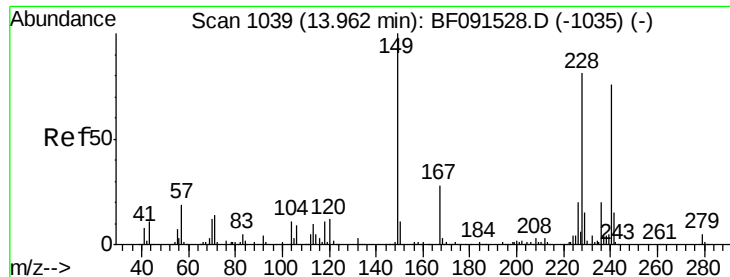


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF091573.D

Acq: 14 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

WC120716

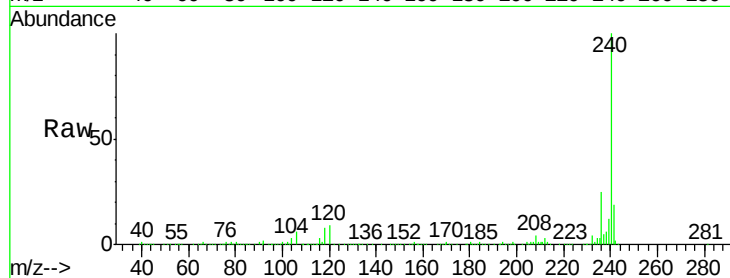
Tgt Ion:240 Resp: 591055

Ion Ratio Lower Upper

240 100

120 9.1 12.1 18.1#

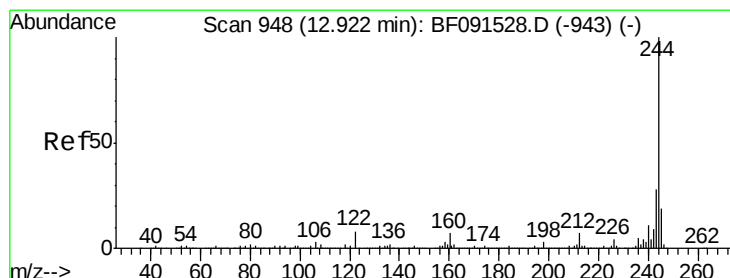
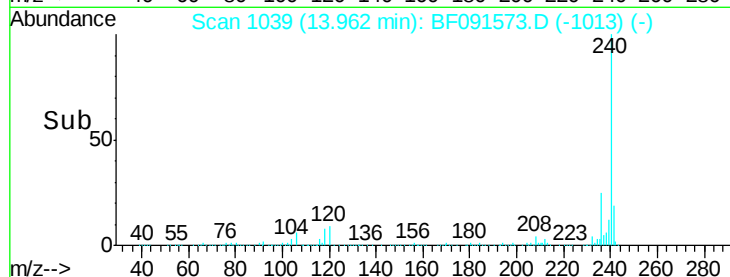
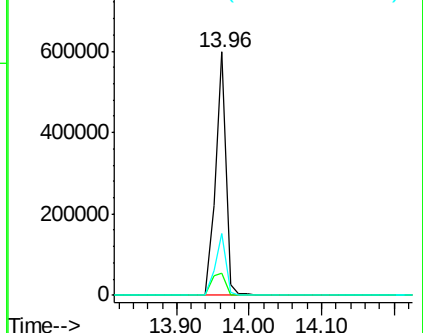
236 25.2 21.0 31.6



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: 78.56 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

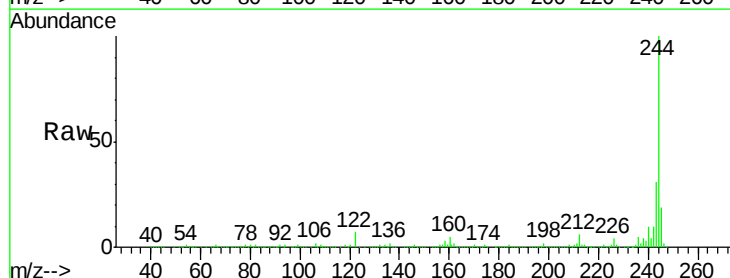
Tgt Ion:244 Resp: 2046355

Ion Ratio Lower Upper

244 100

212 6.4 6.5 9.7#

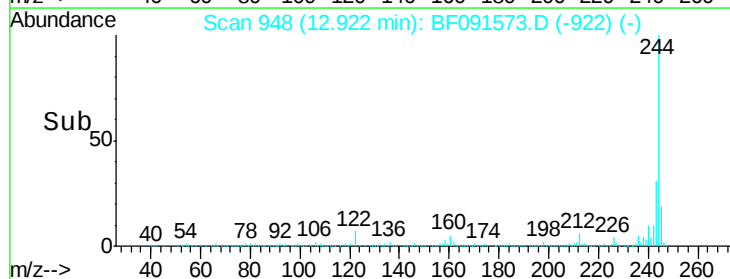
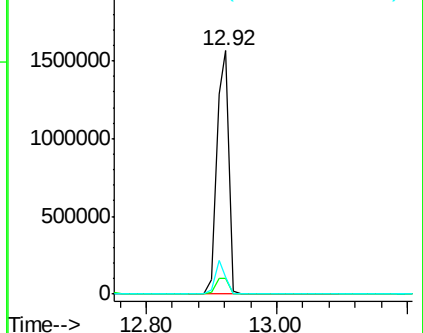
122 6.8 9.5 14.3#

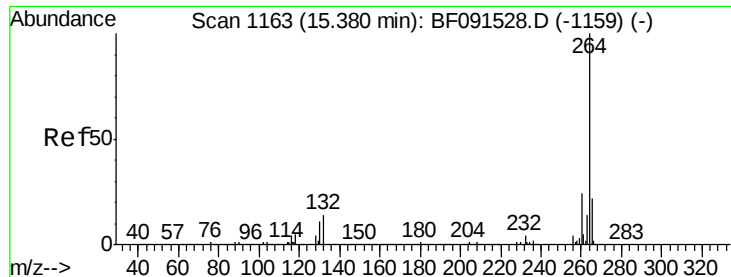


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

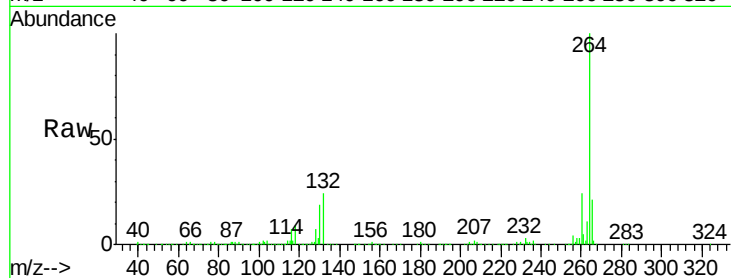




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF091573.D
Acq: 14 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
WC120716

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.2	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

