

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091541.D
 Acq On : 9 Dec 2016 21:43
 Operator : UM/SJ
 Sample : H5884-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Dec 09 22:14:49 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

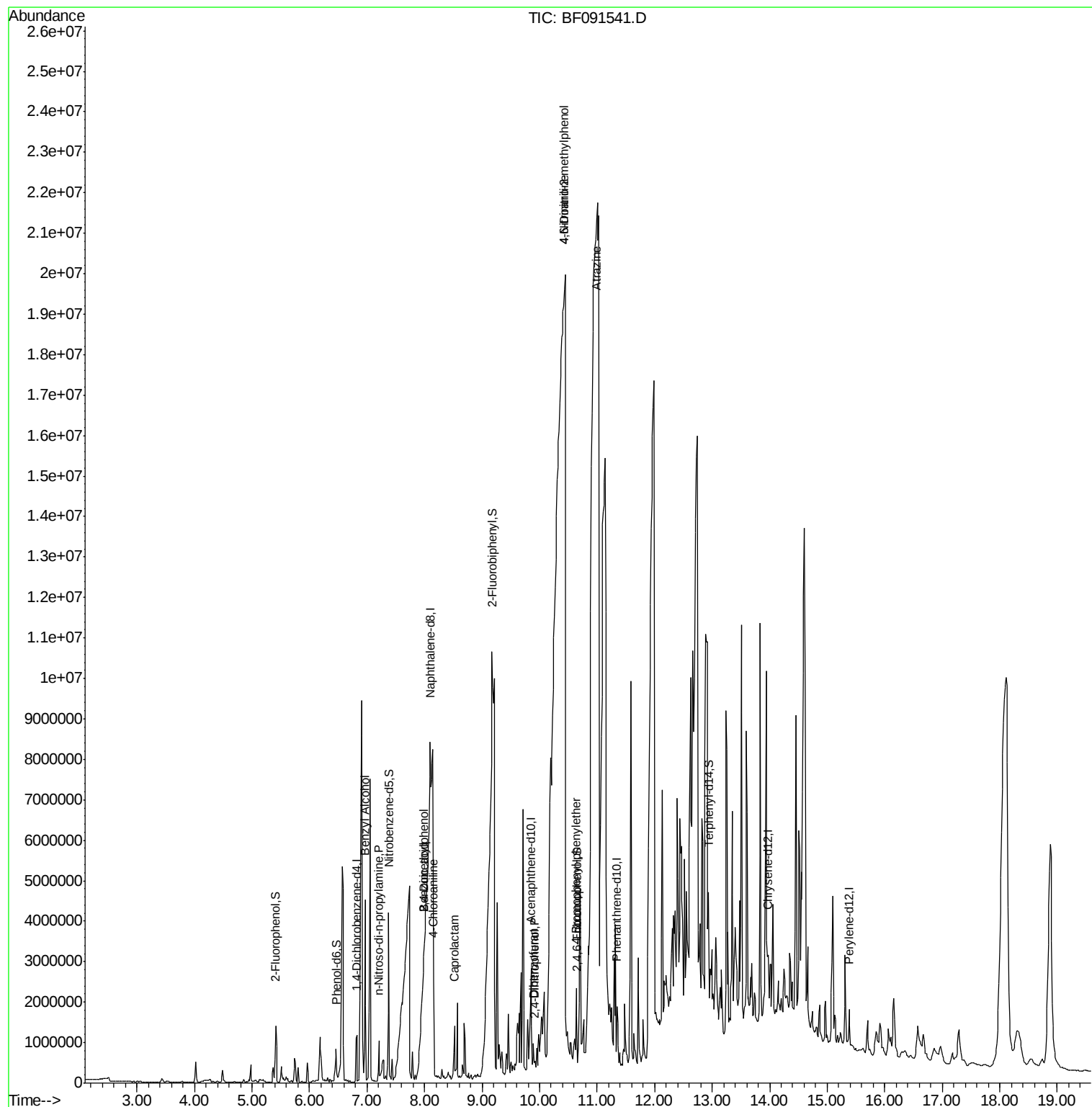
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	257297	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	770911	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	421266	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	603458	20.00	ng	0.01
75) Chrysene-d12	13.97	240	507472	20.00	ng	0.01
86) Perylene-d12	15.38	264	540486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	549297	35.97	ng	0.00
7) Phenol-d6	6.46	99	432312	22.71	ng	0.01
23) Nitrobenzene-d5	7.38	82	1455977	105.41	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	235999	67.45	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	1366906	56.07	ng	-0.01
78) Terphenyl-d14	12.93	244	1008167	45.08	ng	0.01
Target Compounds						
15) Benzyl Alcohol	6.97	79	35948	2.39	ng	# 61
19) n-Nitroso-di-n-propylamine	7.21	70	70514	5.92	ng	# 89
20) 3+4-Methylphenols	7.23	107	4303	Below Cal		91
27) 2,4-Dimethylphenol	7.98	122	78560	6.94	ng	# 4
32) Benzoic acid	7.98	122	78560	13.59	ng	92
33) 4-Chloroaniline	8.16	127	74187	4.80	ng	# 47
35) Caprolactam	8.52	113	7929	2.76	ng	# 1
53) 2,4-Dinitrophenol	9.90	184	299	2.12	ng	# 58
54) Dibenzofuran	9.89	168	153729	4.97	ng	# 55
57) Fluorene	10.35	166	1390	Below Cal		# 1
61) 4-Nitroaniline	10.43	138	950391	139.06	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.43	198	215	3.00	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	14848	2.40	ng	# 1
68) Atrazine	10.99	200	15424	2.67	ng	# 47

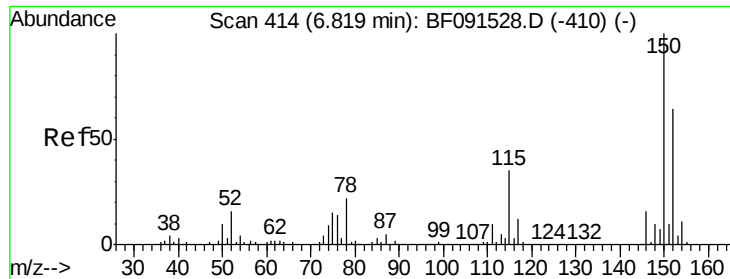
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091541.D

Acq: 9 Dec 2016 21:43

Instrument :

BNA_F

ClientSampleId :

EFF-WW

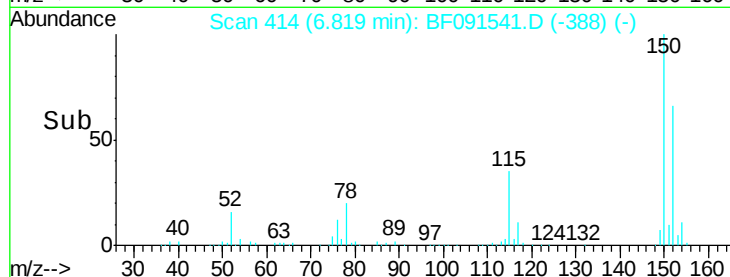
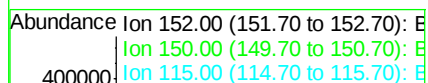
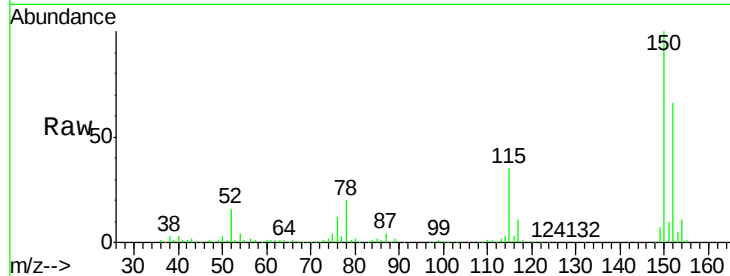
Tgt Ion:152 Resp: 257297

Ion Ratio Lower Upper

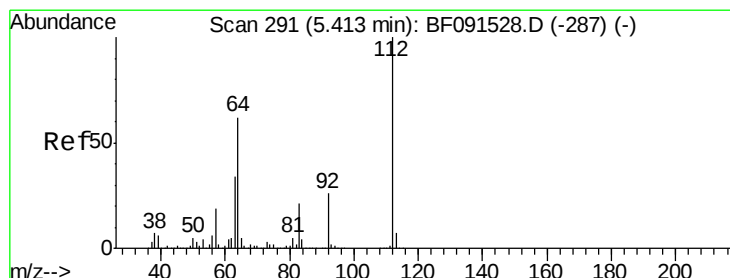
152 100

150 152.5 122.5 183.7

115 53.0 51.8 77.8



Time-->



#5

2-Fluorophenol

Concen: 35.97 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091541.D

Acq: 9 Dec 2016 21:43

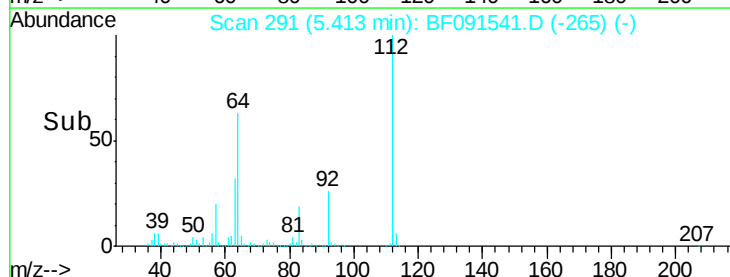
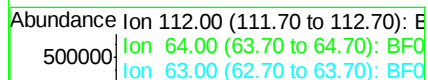
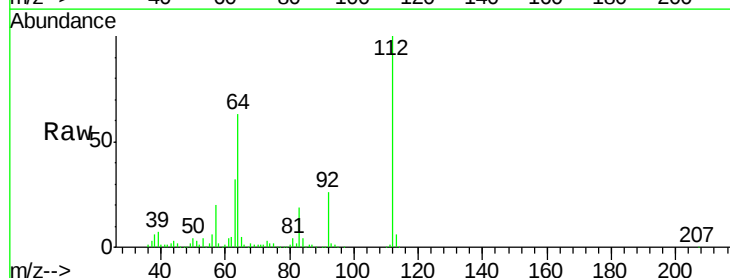
Tgt Ion:112 Resp: 549297

Ion Ratio Lower Upper

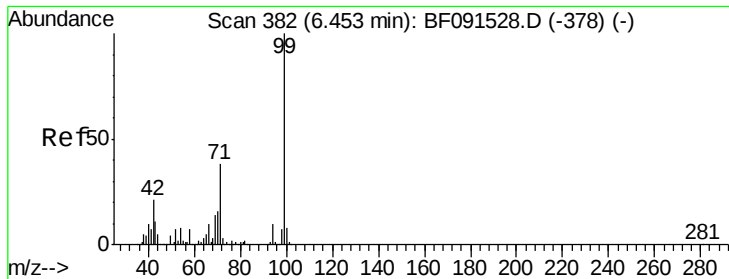
112 100

64 62.7 61.5 92.3

63 32.1 33.3 49.9#



Time-->



#7

Phenol-d6

Concen: 22.71 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091541.D

Acq: 9 Dec 2016 21:43

Instrument :

BNA_F

ClientSampleId :

EFF-WW

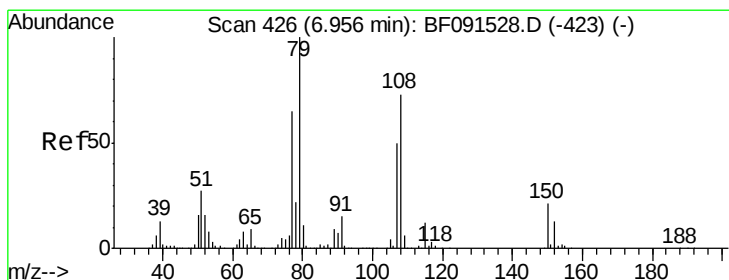
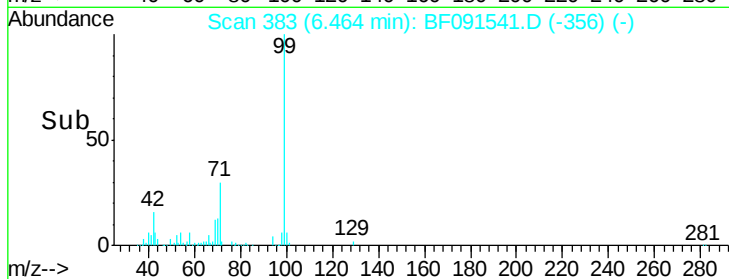
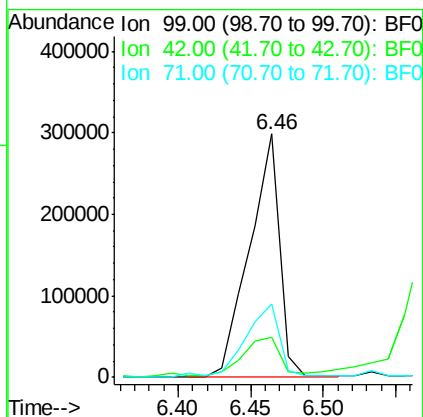
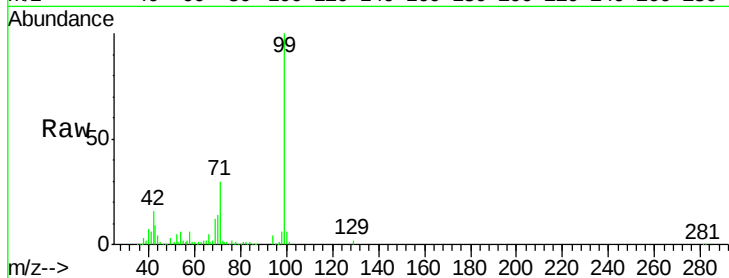
Tgt Ion: 99 Resp: 432312

Ion Ratio Lower Upper

99 100

42 16.4 20.6 31.0#

71 30.4 29.9 44.9



#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091541.D

Acq: 9 Dec 2016 21:43

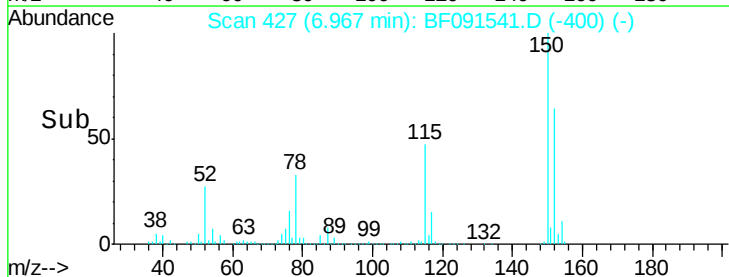
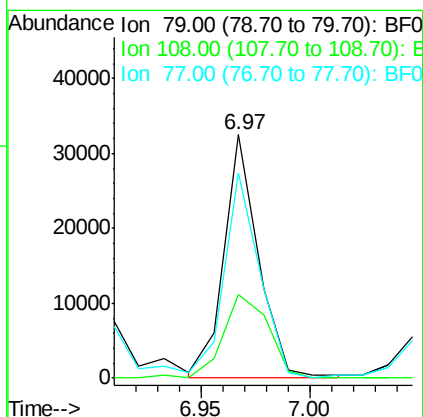
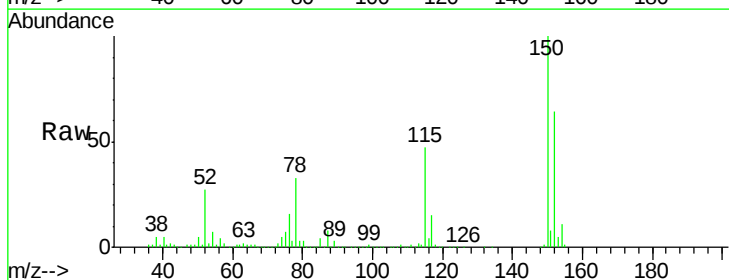
Tgt Ion: 79 Resp: 35948

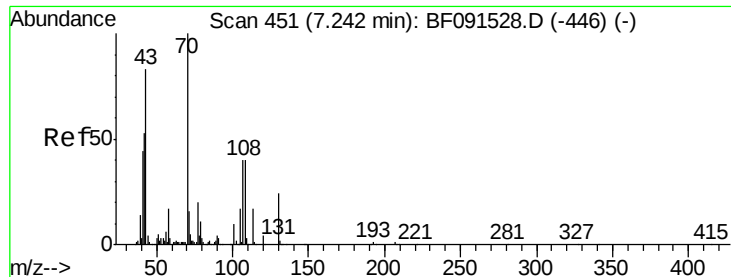
Ion Ratio Lower Upper

79 100

108 34.1 62.7 94.1#

77 84.2 51.7 77.5#

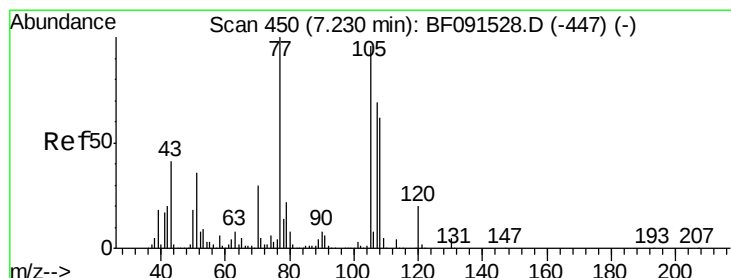
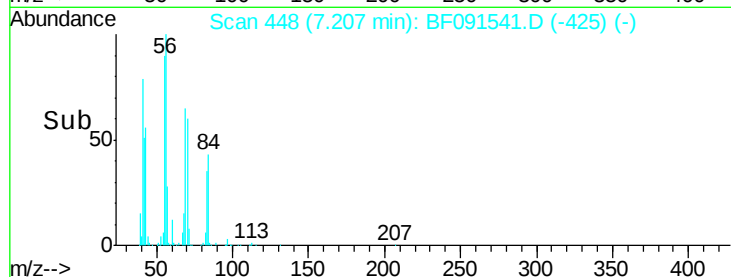
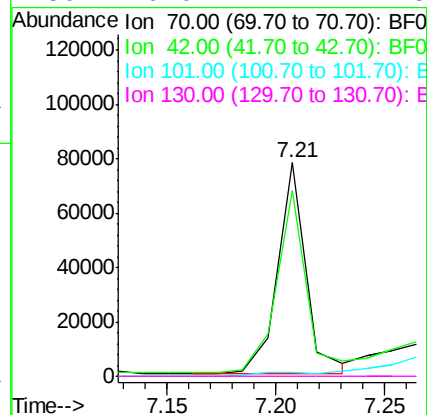
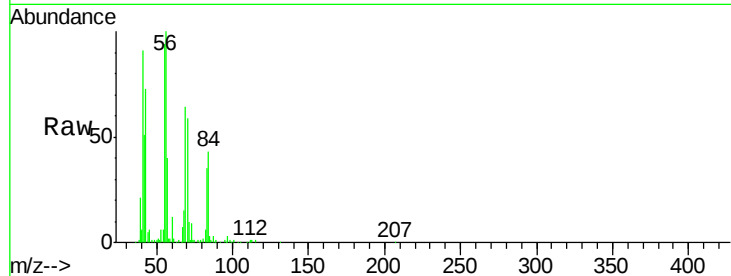




#19
n-Nitroso-di-n-propylamine
Concen: 5.92 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

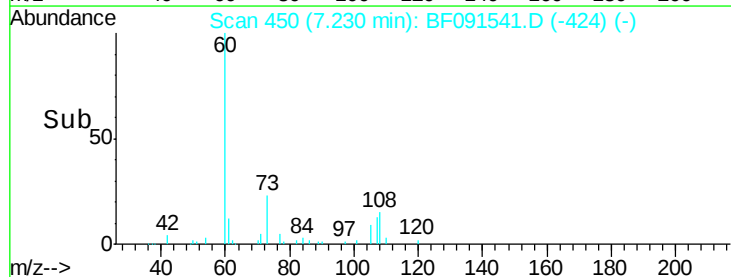
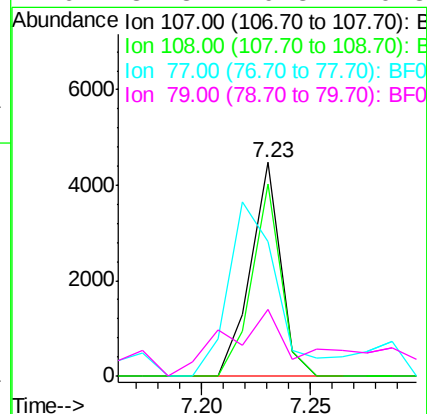
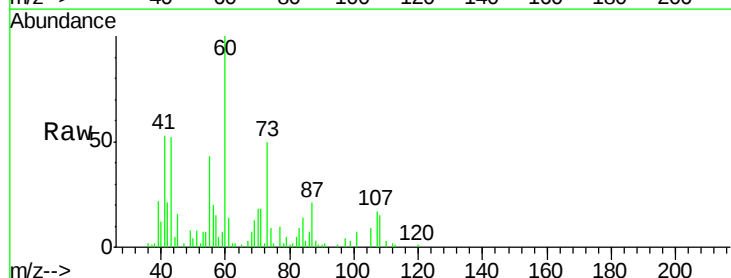
Instrument :
BNA_F
ClientSampleId :
EFF-WW

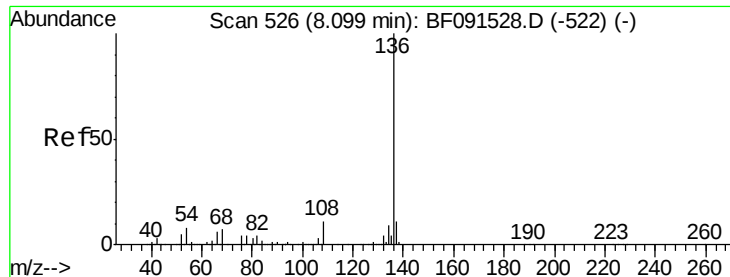
Tgt Ion: 70 Resp: 70514
Ion Ratio Lower Upper
70 100
42 86.8 64.8 97.2
101 1.9 6.2 9.4#
130 0.0 11.7 17.5#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

Tgt Ion:107 Resp: 4303
Ion Ratio Lower Upper
107 100
108 90.0 64.6 104.6
77 62.9 30.9 70.9
79 31.3 9.3 49.3

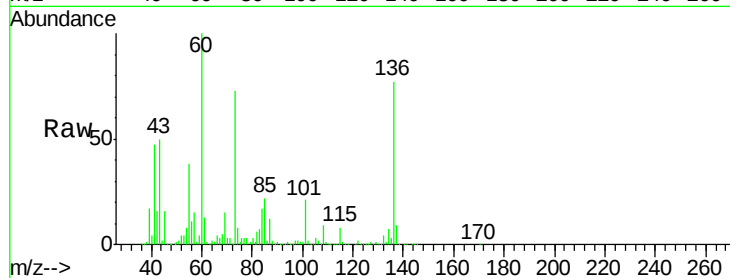




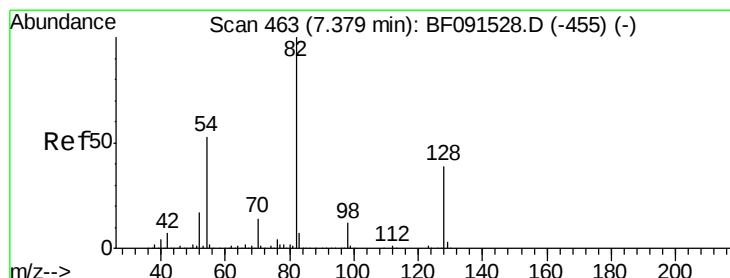
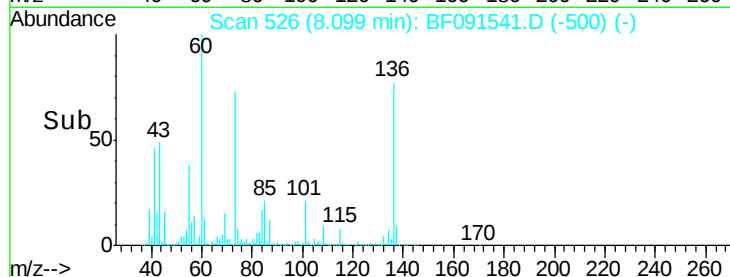
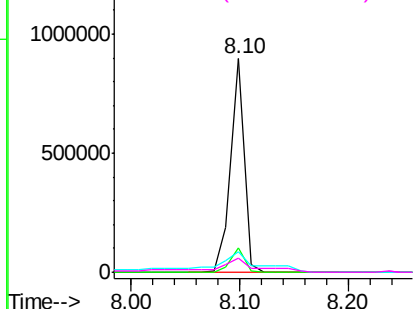
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:	136	Resp:	770911
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.8	9.1	13.7
68	6.8	5.9	8.9

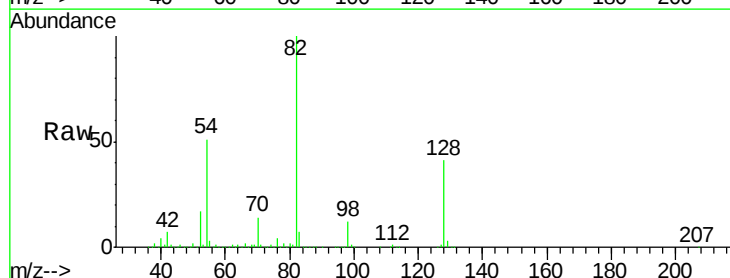


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

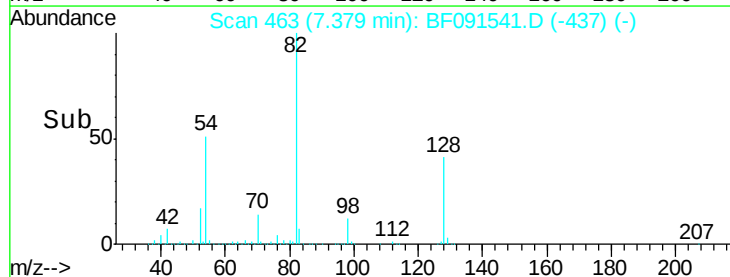
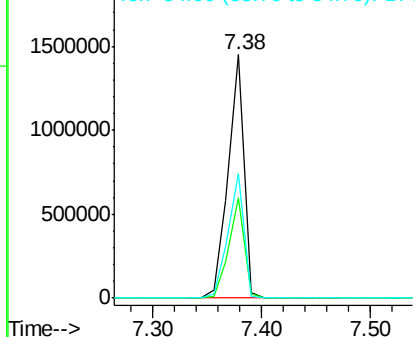


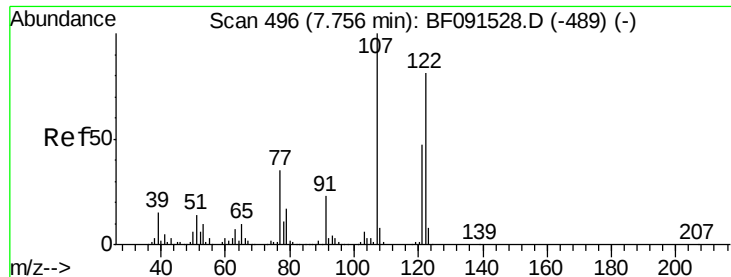
#23
Nitrobenzene-d5
Concen: 105.41 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

Tgt Ion:	82	Resp:	1455977
Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.8	47.6
54	51.2	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





#27

2,4-Dimethylphenol

Concen: 6.94 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.23 min

Lab File: BF091541.D

Acq: 9 Dec 2016 21:43

Instrument :

BNA_F

ClientSampled :

EFF-WW

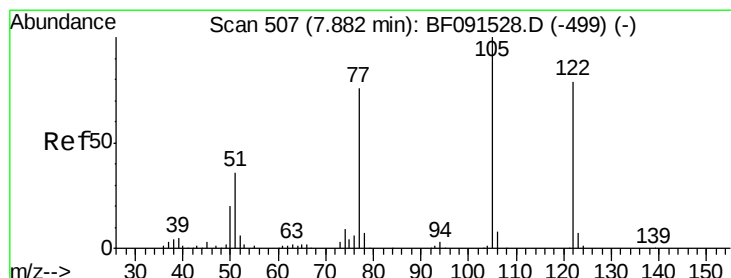
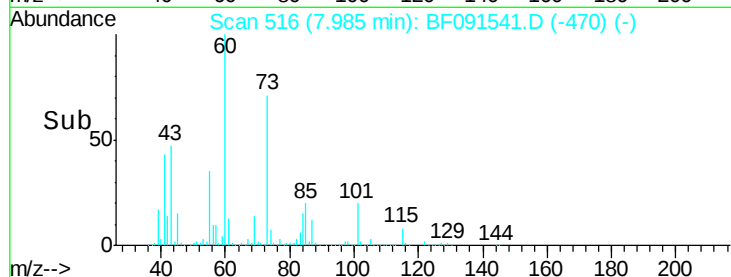
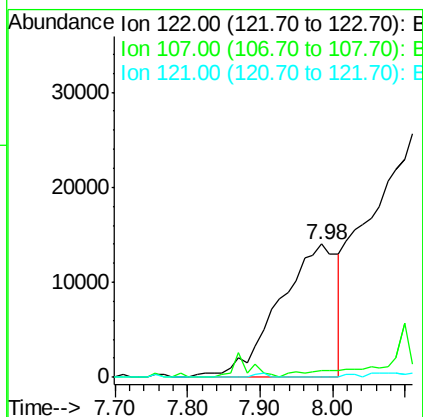
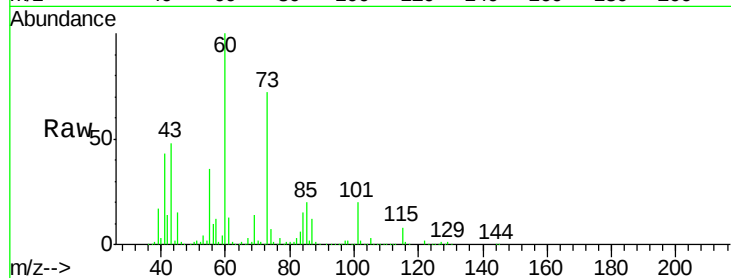
Tgt Ion:122 Resp: 78560

Ion Ratio Lower Upper

122 100

107 4.8 96.8 145.2#

121 0.0 47.7 71.5#



#32

Benzoic acid

Concen: 13.59 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.10 min

Lab File: BF091541.D

Acq: 9 Dec 2016 21:43

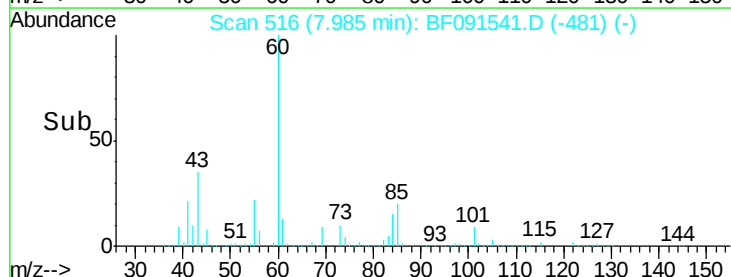
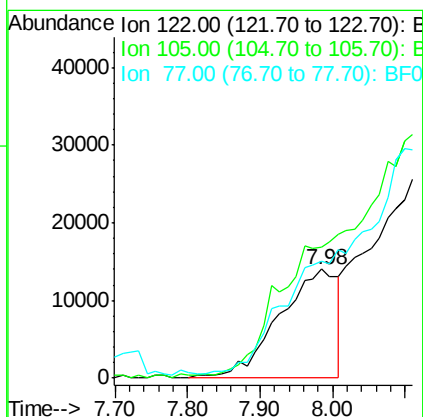
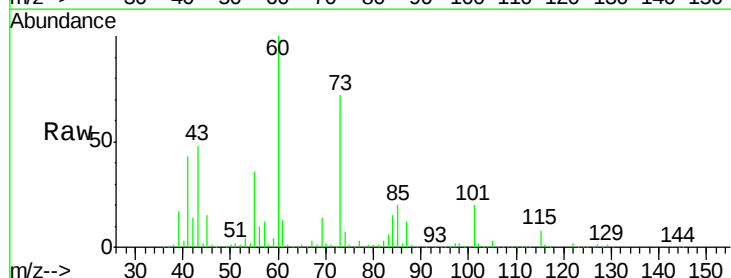
Tgt Ion:122 Resp: 78560

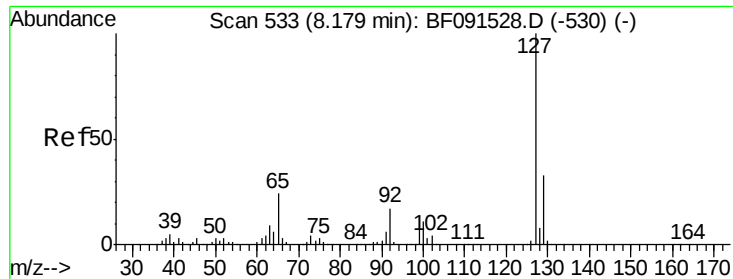
Ion Ratio Lower Upper

122 100

105 120.6 113.0 153.0

77 107.3 82.0 122.0

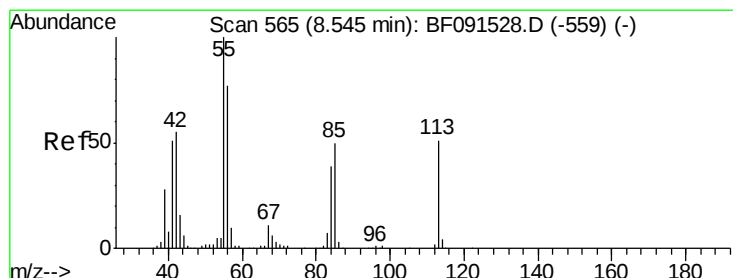
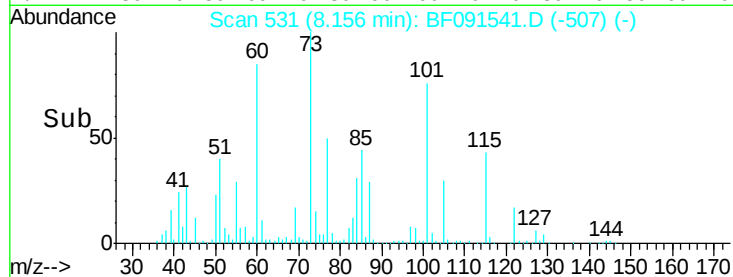
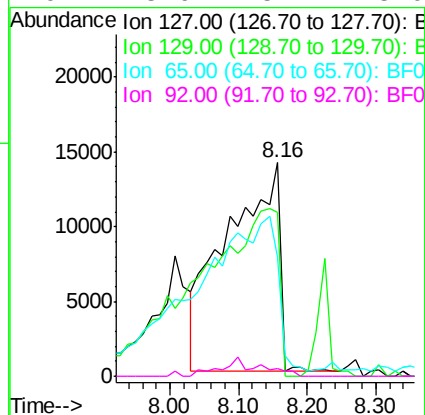
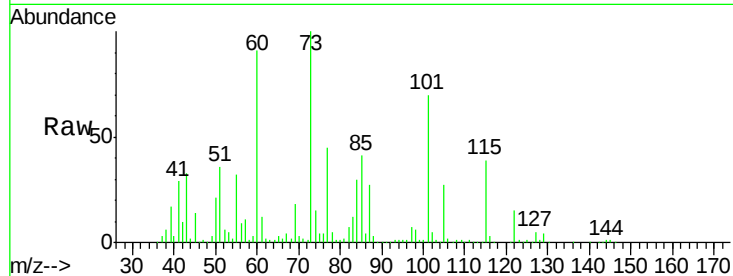




#33
 4-Chloroaniline
 Concen: 4.80 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: BF091541.D
 Acq: 9 Dec 2016 21:43

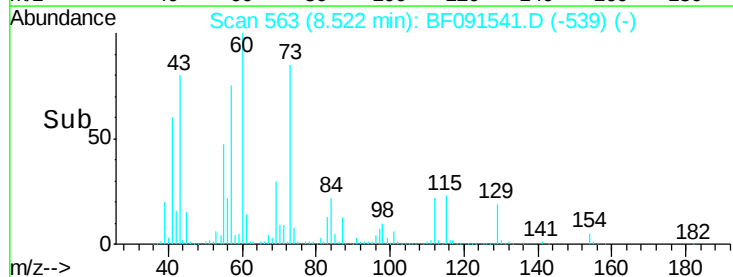
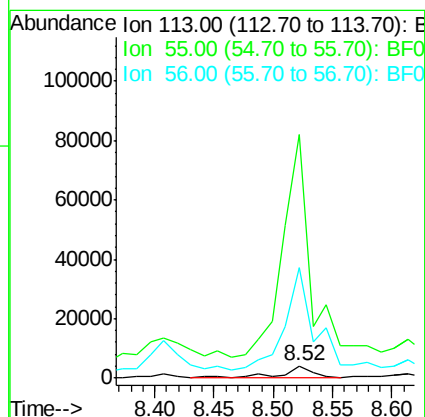
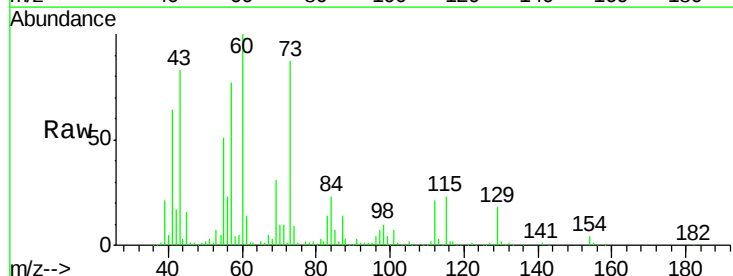
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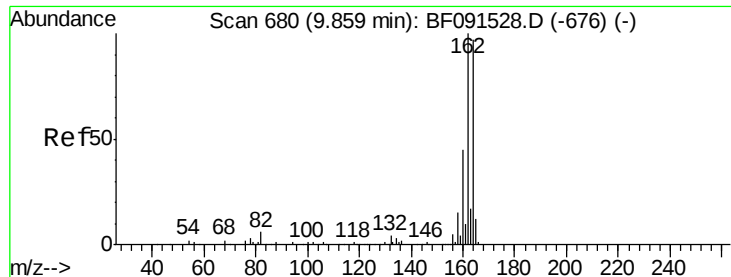
Tgt Ion:127 Resp: 74187
 Ion Ratio Lower Upper
 127 100
 129 76.6 26.2 39.4#
 65 55.7 26.6 39.8#
 92 3.6 15.4 23.0#



#35
 Caprolactam
 Concen: 2.76 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF091541.D
 Acq: 9 Dec 2016 21:43

Tgt Ion:113 Resp: 7929
 Ion Ratio Lower Upper
 113 100
 55 2008.5 239.8 279.8#
 56 907.0 165.6 205.6#

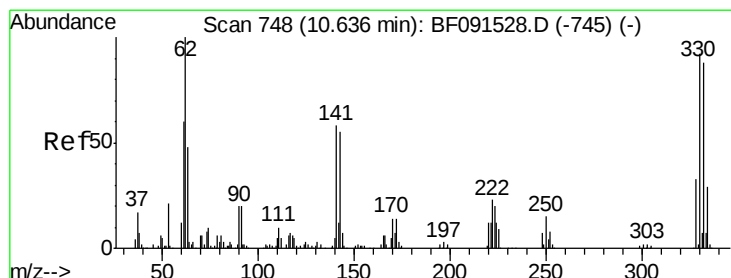
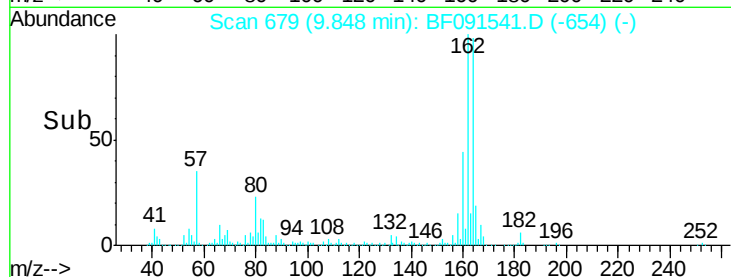
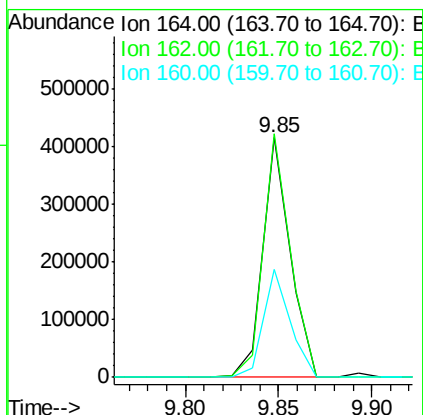
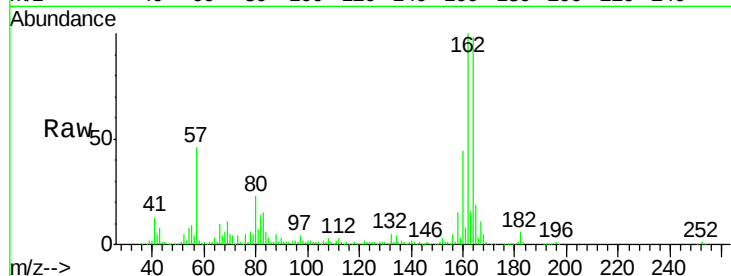




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091541.D
 Acq: 9 Dec 2016 21:43

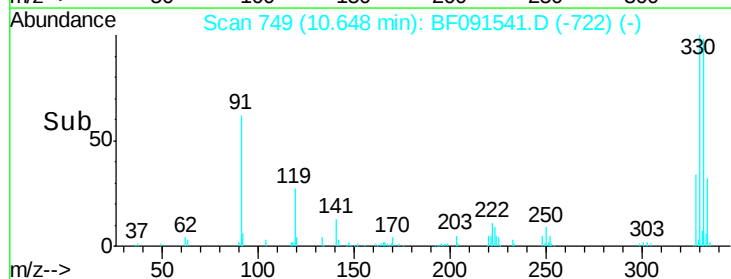
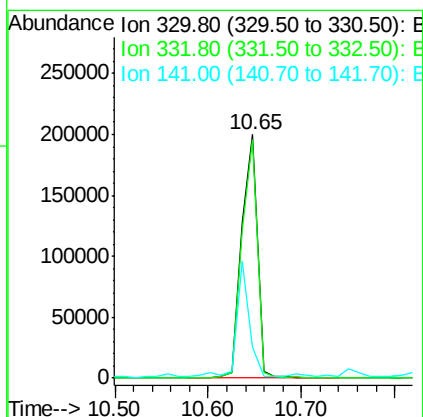
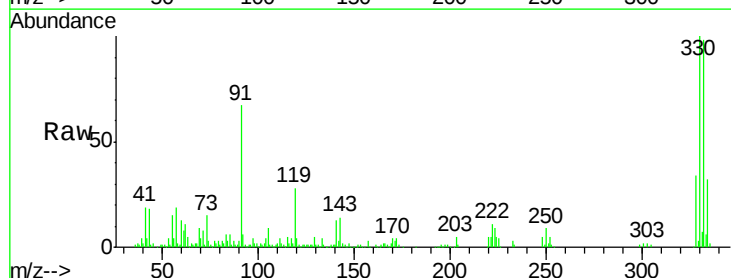
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

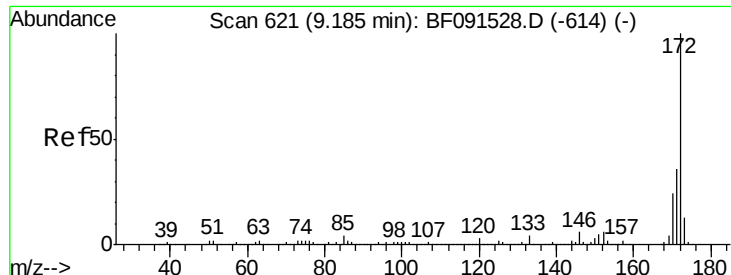
Tgt Ion:164 Resp: 421266
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 124.0
 160 45.1 36.7 55.1



#41
 2,4,6-Tribromophenol
 Concen: 67.45 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091541.D
 Acq: 9 Dec 2016 21:43

Tgt Ion:330 Resp: 235999
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 38.7 33.6 50.4

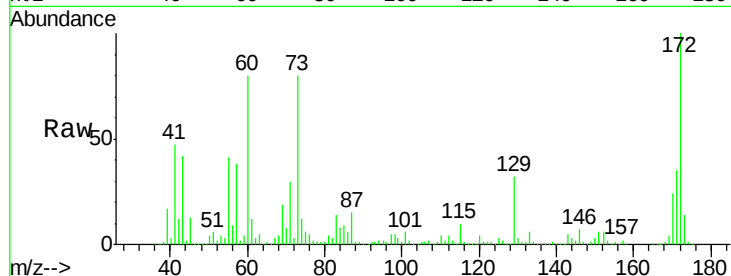




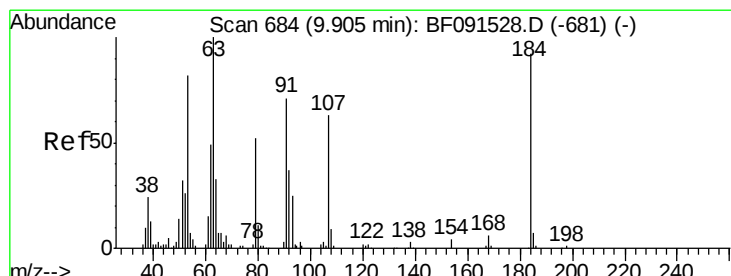
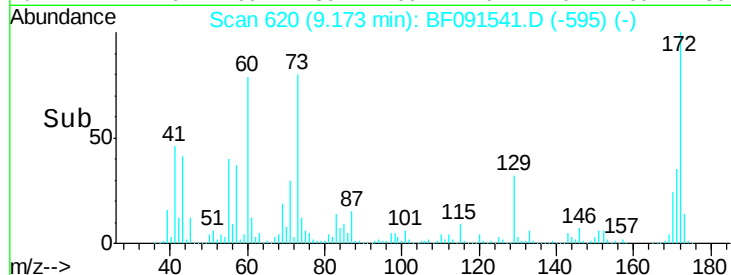
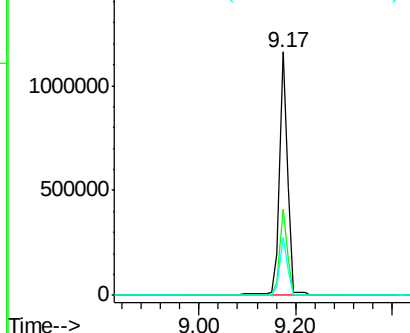
#44
2-Fluorobiphenyl
Concen: 56.07 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:172 Resp: 1366906
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.6 19.7 29.5

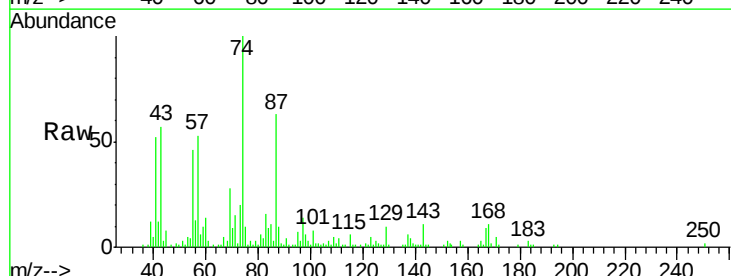


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

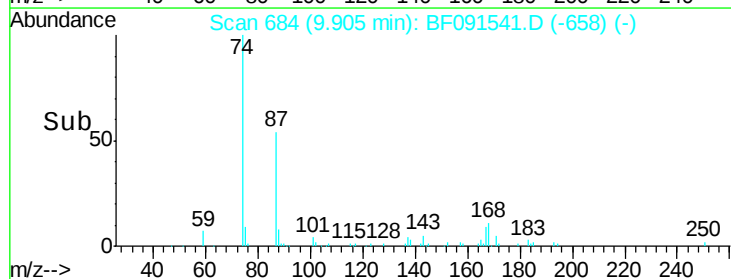
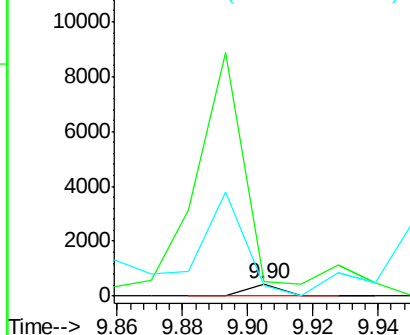


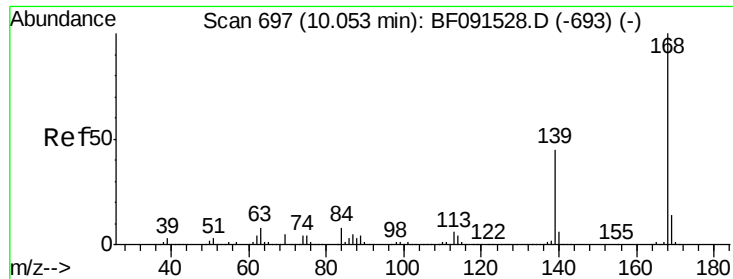
#53
2,4-Dinitrophenol
Concen: 2.12 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

Tgt Ion:184 Resp: 299
Ion Ratio Lower Upper
184 100
63 116.1 58.3 87.5#
154 84.6 48.6 73.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

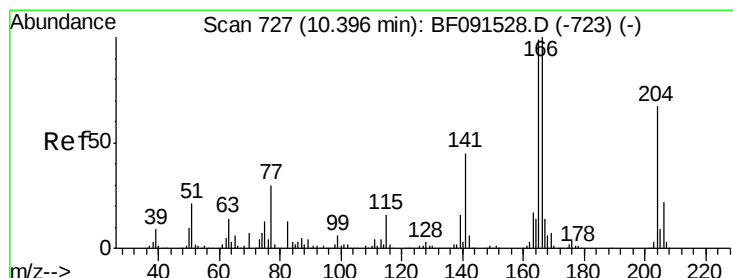
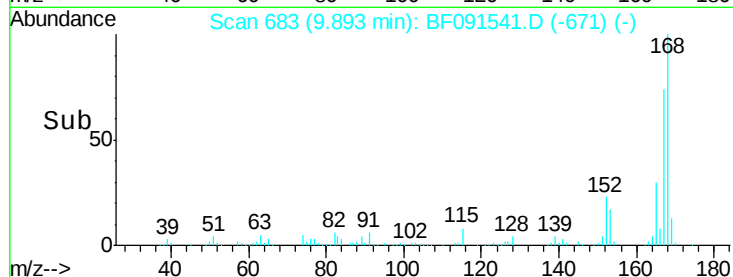
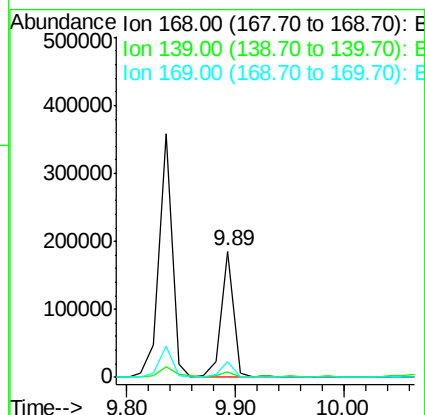
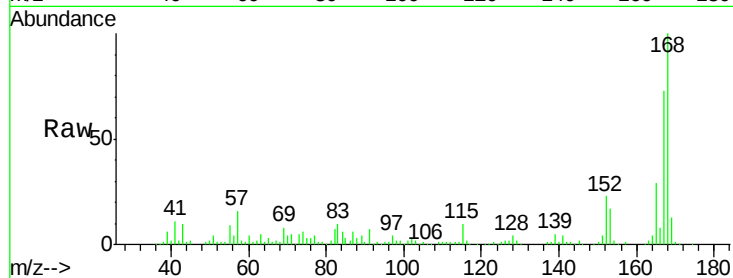




#54
Dibenzenofuran
Concen: 4.97 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.16 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

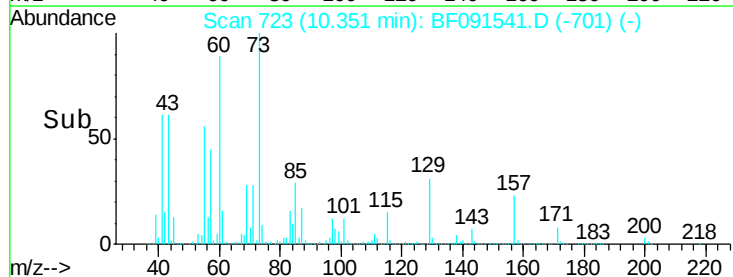
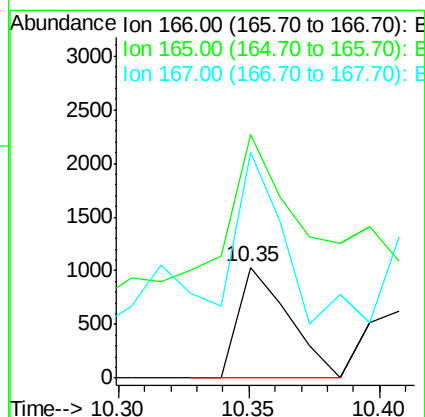
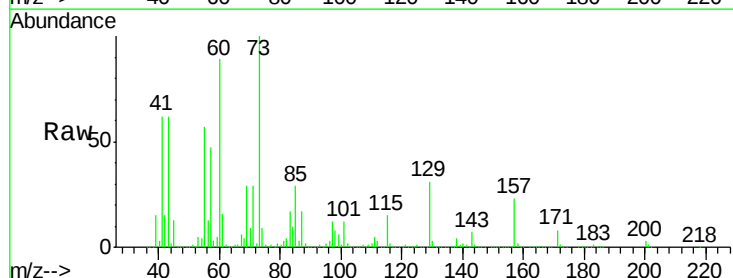
Instrument :
BNA_F
ClientSampleId :
EFF-WW

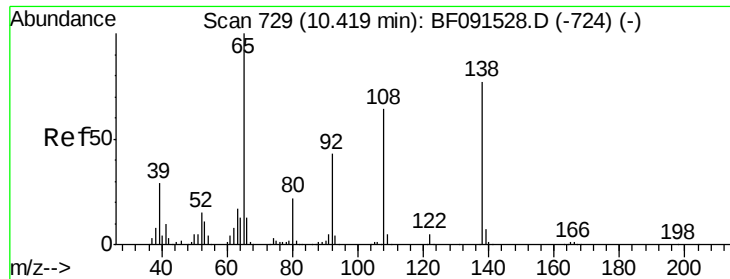
Tgt Ion:168 Resp: 153729
Ion Ratio Lower Upper
168 100
139 4.7 33.4 50.2#
169 12.8 11.1 16.7



#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 723
Delta R.T. -0.05 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

Tgt Ion:166 Resp: 1390
Ion Ratio Lower Upper
166 100
165 219.6 80.0 120.0#
167 203.0 10.8 16.2#

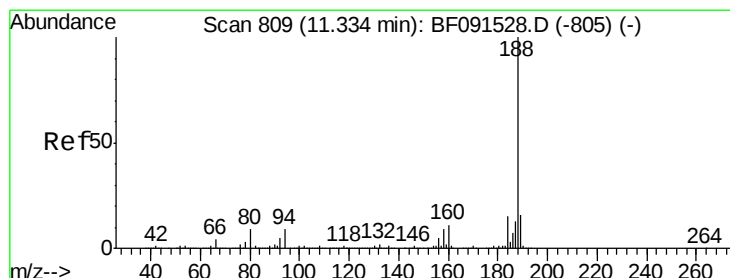
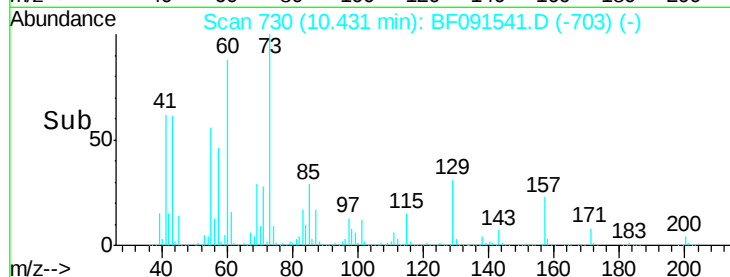
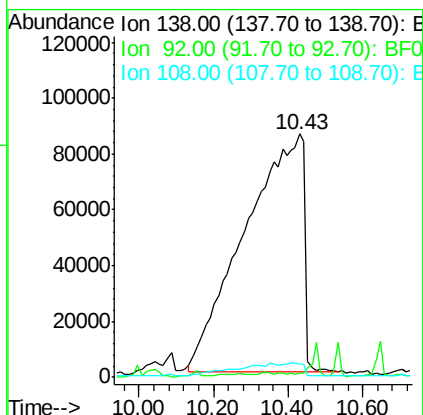
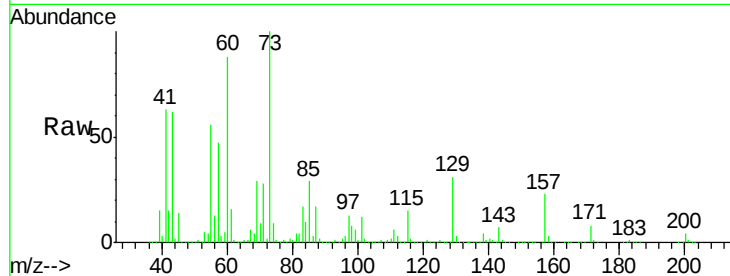




#61
4-Nitroaniline
Concen: 139.06 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

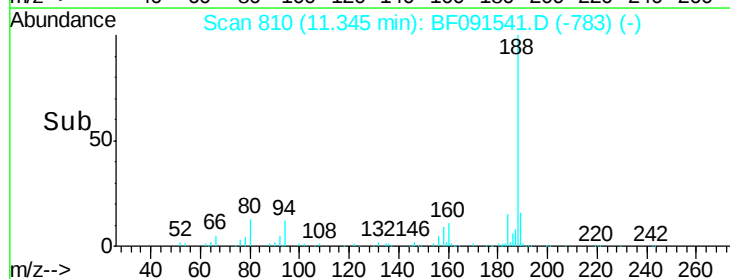
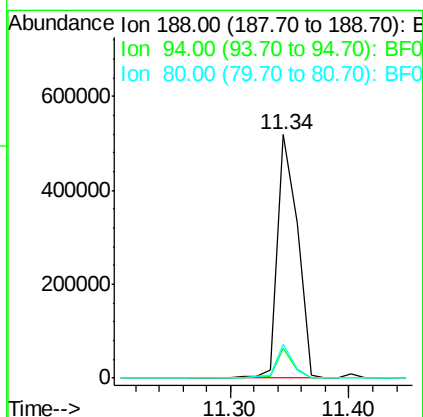
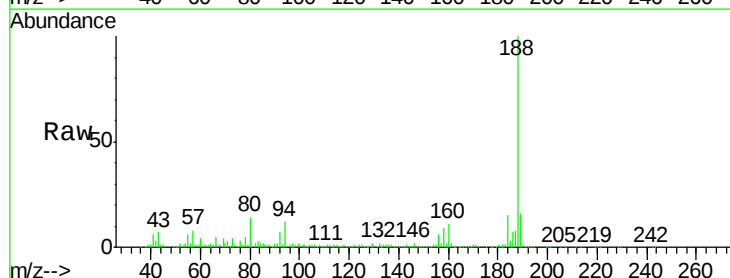
Instrument :
BNA_F
ClientSampleId :
EFF-WW

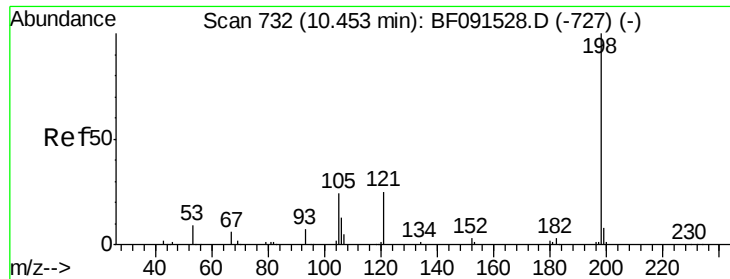
Tgt Ion:138 Resp: 950391
Ion Ratio Lower Upper
138 100
92 1.7 26.9 66.9#
108 5.5 49.1 89.1#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

Tgt Ion:188 Resp: 603458
Ion Ratio Lower Upper
188 100
94 12.1 9.2 13.8
80 13.6 10.5 15.7





#64

4,6-Dinitro-2-methylphenol

Concen: 3.00 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF091541.D

Acq: 9 Dec 2016 21:43

Instrument :

BNA_F

ClientSampleId :

EFF-WW

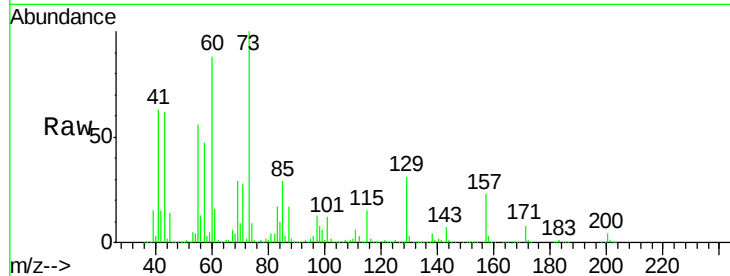
Tgt Ion:198 Resp: 215

Ion Ratio Lower Upper

198 100

51 5669.0 77.1 117.1#

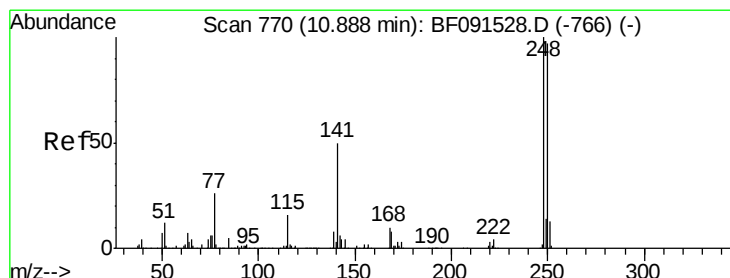
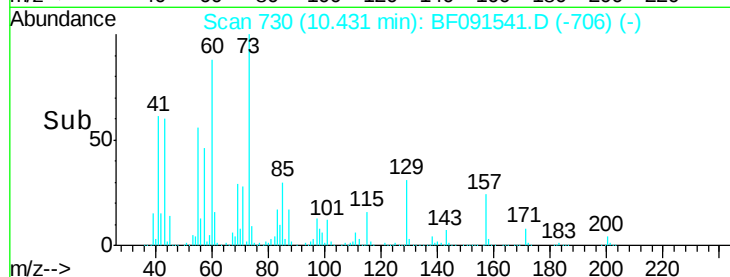
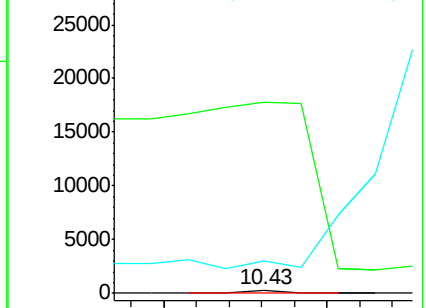
105 978.3 44.8 84.8#



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: 2.40 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF091541.D

Acq: 9 Dec 2016 21:43

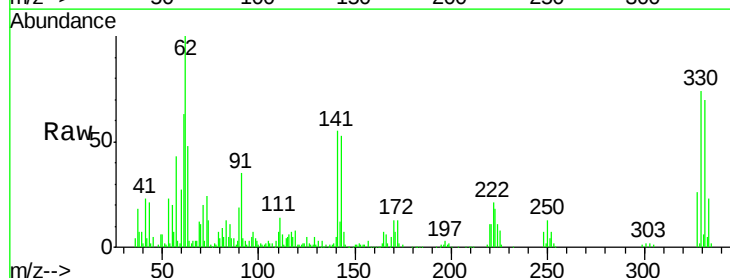
Tgt Ion:248 Resp: 14848

Ion Ratio Lower Upper

248 100

250 180.6 78.2 117.4#

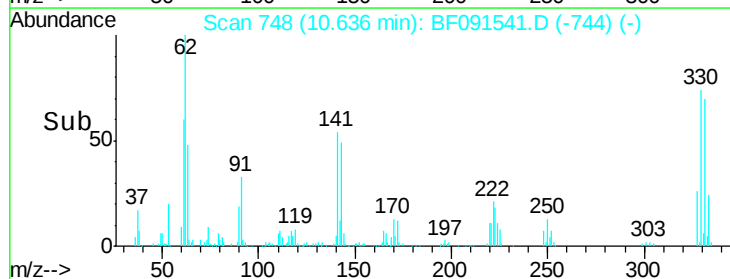
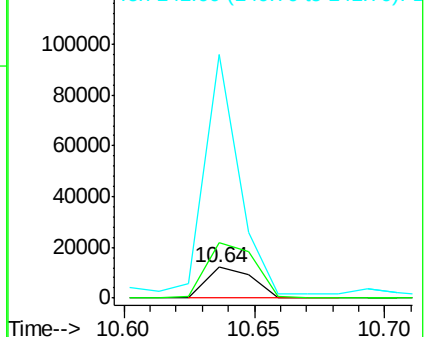
141 784.9 71.9 107.9#

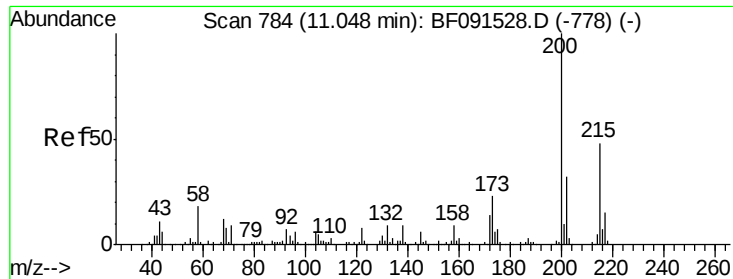


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

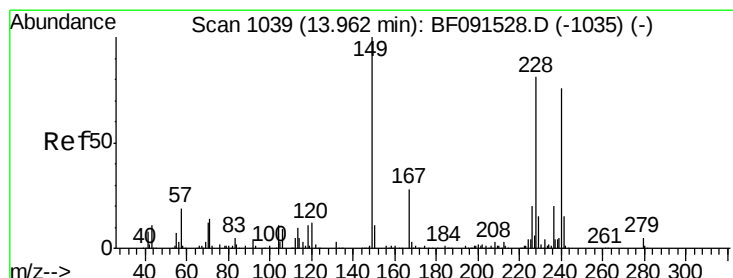
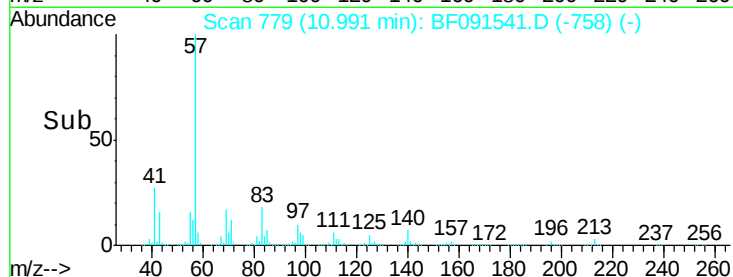
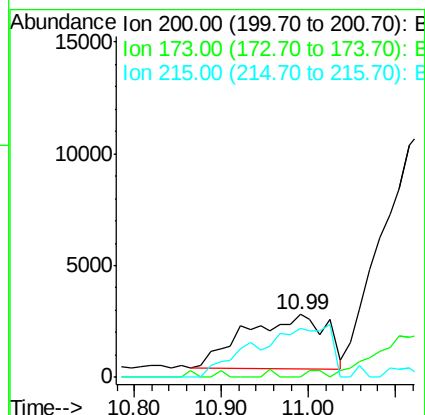
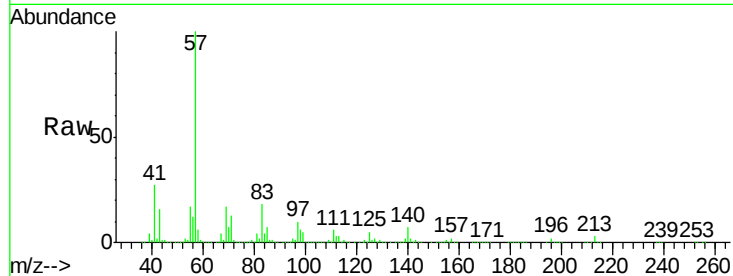




#68
Atrazine
Concen: 2.67 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.06 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

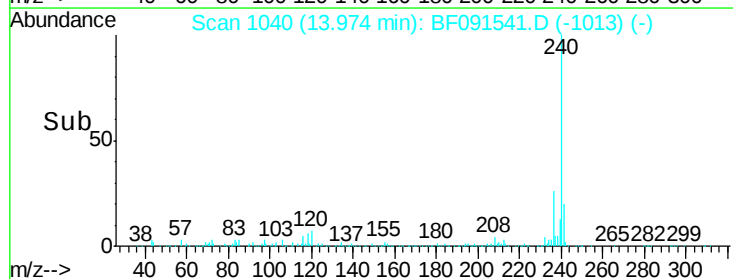
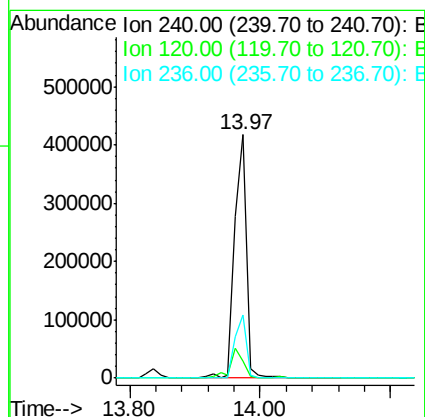
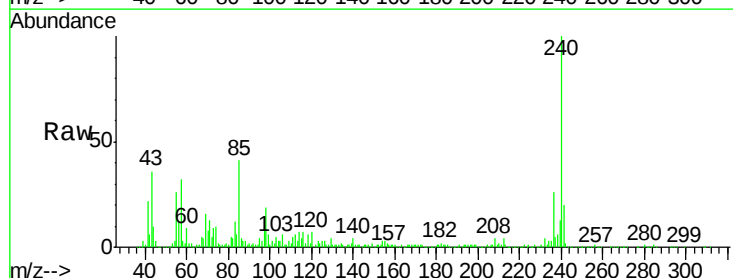
Instrument :
BNA_F
ClientSampleId :
EFF-WW

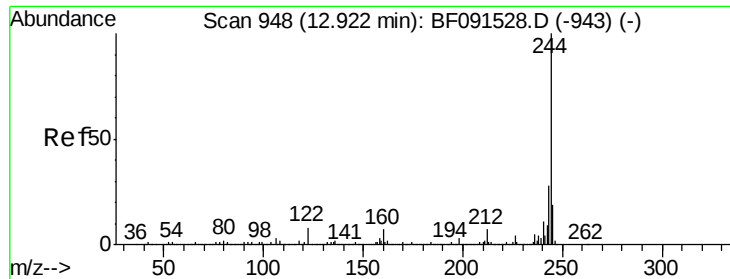
Tgt Ion:200 Resp: 15424
Ion Ratio Lower Upper
200 100
173 0.0 7.8 47.8#
215 79.1 24.3 64.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF091541.D
Acq: 9 Dec 2016 21:43

Tgt Ion:240 Resp: 507472
Ion Ratio Lower Upper
240 100
120 7.1 12.1 18.1#
236 25.8 21.0 31.6

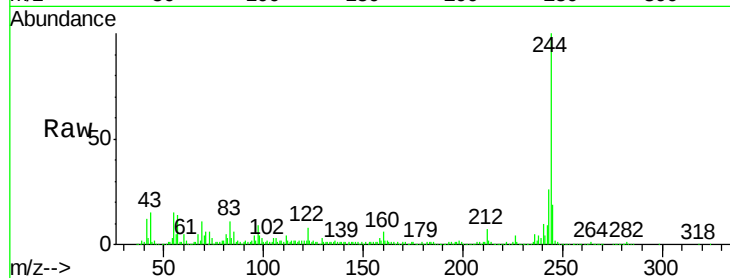




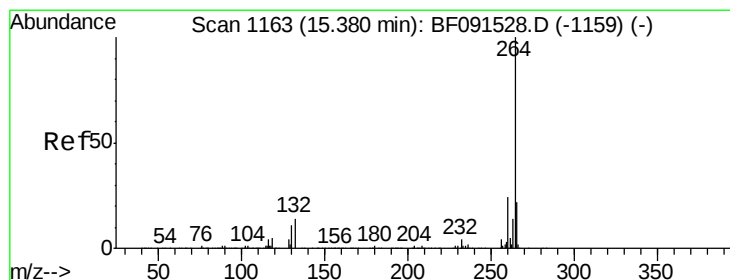
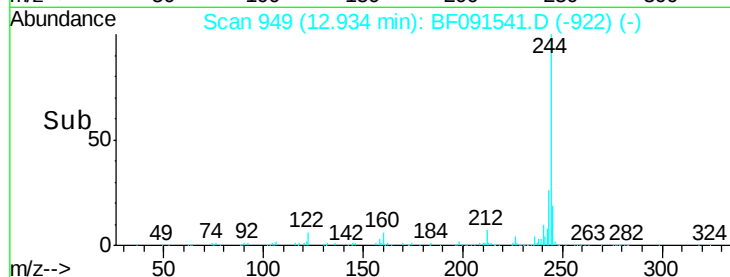
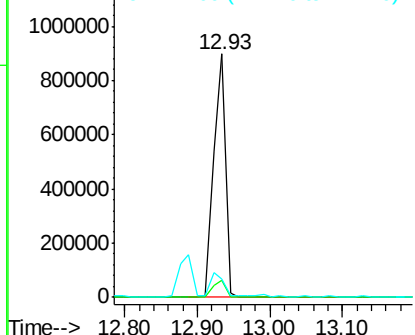
#78
 Terphenyl-d14
 Concen: 45.08 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF091541.D
 Acq: 9 Dec 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 1008167
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 7.6 9.5 14.3#

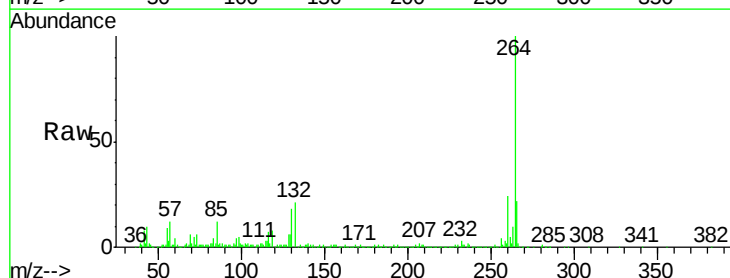


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091541.D
 Acq: 9 Dec 2016 21:43

Tgt Ion:264 Resp: 540486
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.6 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

