

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021215\
 Data File : BF077301.D
 Acq On : 13 Feb 2015 1:11
 Operator : TP/IZ
 Sample : G1270-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-060-21015

Quant Time: Feb 13 04:38:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

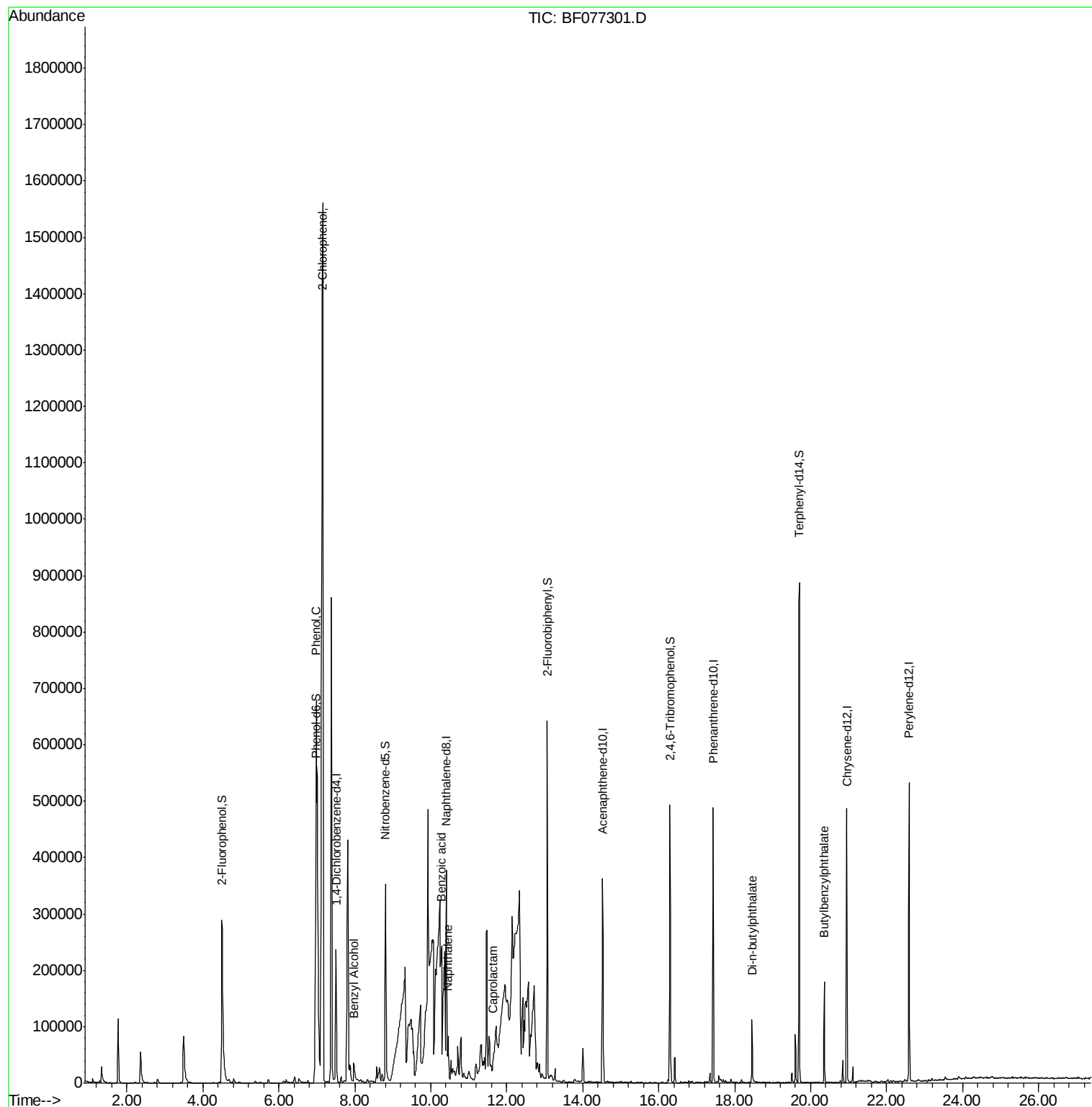
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	65631	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	278418	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	135921	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	256013	20.00	ng	0.00
75) Chrysene-d12	20.96	240	264785	20.00	ng	0.00
86) Perylene-d12	22.59	264	244580	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.51	112	212274	51.20	ng	0.02
7) Phenol-d6	6.99	99	242804	46.74	ng	0.06
23) Nitrobenzene-d5	8.81	82	189820	38.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	76147	68.70	ng	-0.01
44) 2-Fluorobiphenyl	13.07	172	381689	42.27	ng	0.00
78) Terphenyl-d14	19.70	244	434873	36.89	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	1.38	42	208	Below Cal	#	1
8) 2-Chlorophenol	7.15	128	45030	9.45	ng	32
10) Phenol	6.98	94	13549	2.54	ng	42
15) Benzyl Alcohol	7.97	79	22763	5.53	ng	83
31) Naphthalene	10.45	128	55779	4.06	ng	98
32) Benzoic acid	10.28	122	1880	15.73	ng	35
35) Caprolactam	11.64	113	911	8.89	ng	1
73) Di-n-butylphthalate	18.45	149	71603	3.80	ng	97
79) Butylbenzylphthalate	20.36	149	52613	5.88	ng	96

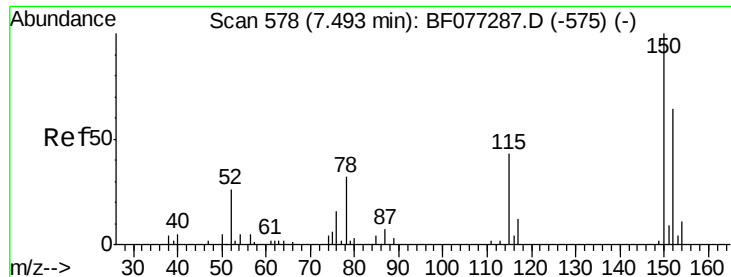
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 13 03:50:26 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

Instrument :

BNA_F

ClientSampleId :

DCW-WC-060-21015

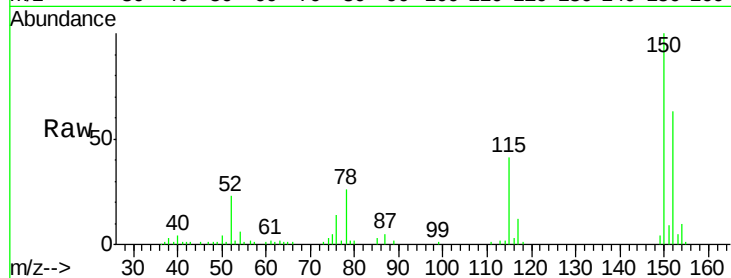
Tgt Ion:152 Resp: 65631

Ion Ratio Lower Upper

152 100

150 159.5 124.9 187.3

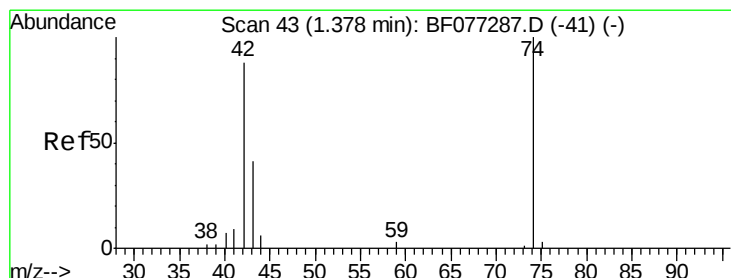
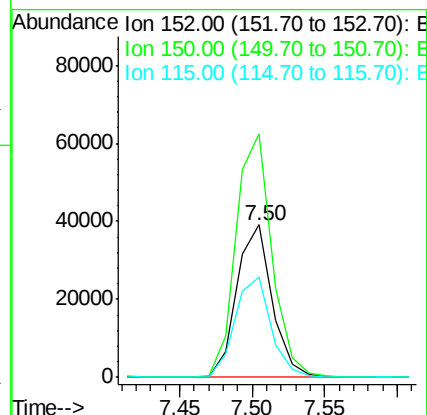
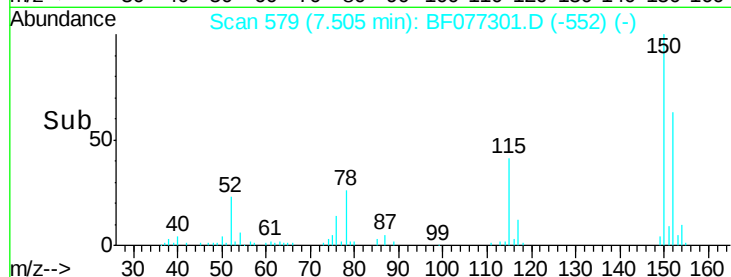
115 65.6 54.1 81.1



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



#4

n-Nitrosodimethylamine

Concen: Below Cal

RT: 1.38 min Scan# 43

Delta R.T. 0.00 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

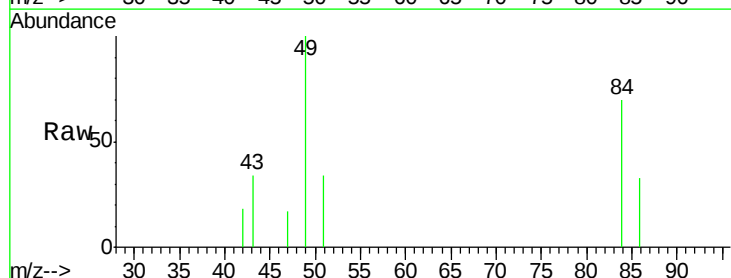
Tgt Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

74 0.0 90.8 136.2#

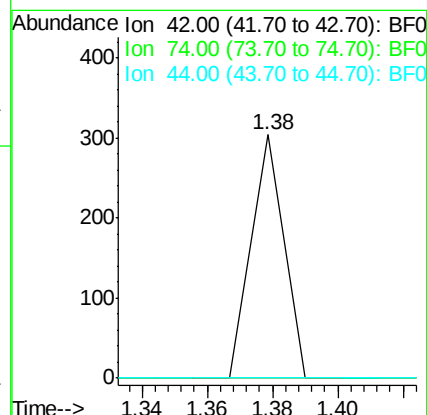
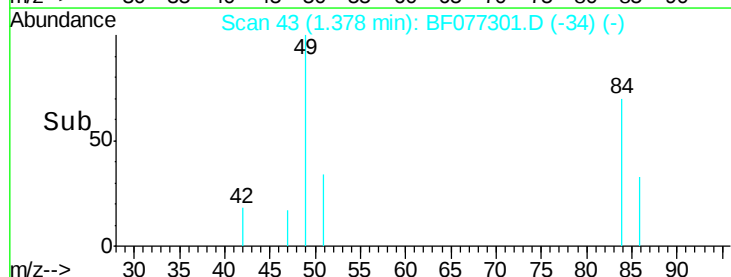
44 0.0 5.8 8.6#

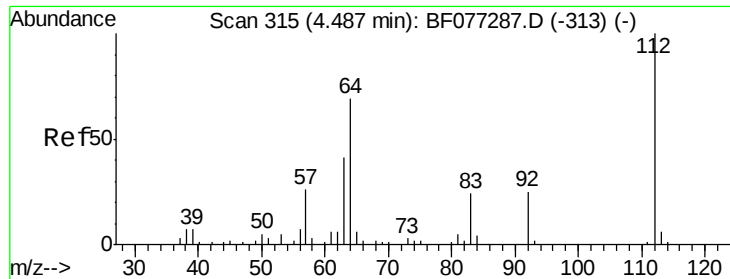


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 51.20 ng

RT: 4.51 min Scan# 317

Delta R.T. 0.02 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

Instrument :

BNA_F

ClientSampleId :

DCW-WC-060-21015

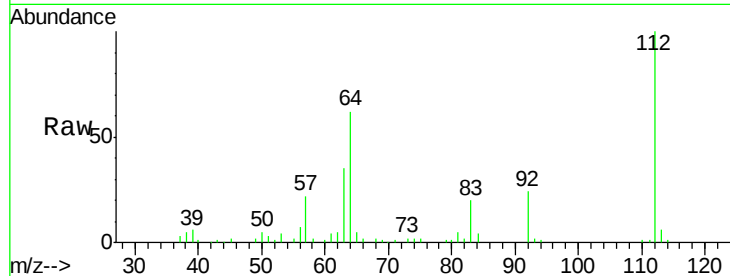
Tgt Ion: 112 Resp: 212274

Ion Ratio Lower Upper

112 100

64 62.3 55.0 82.4

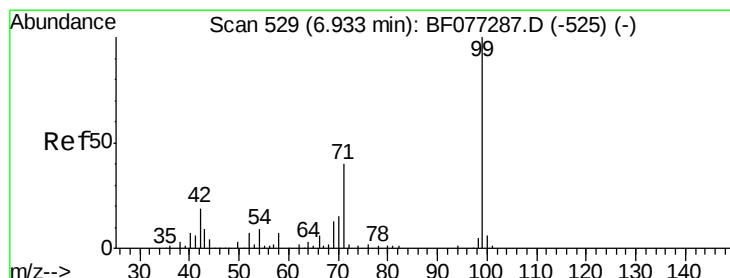
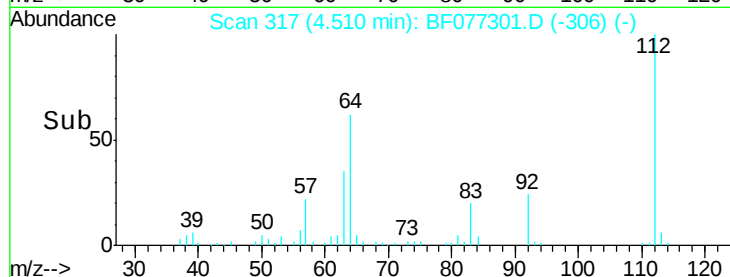
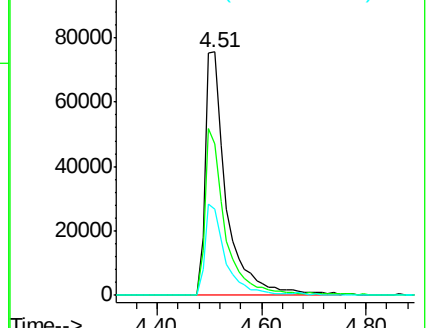
63 35.3 33.0 49.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 46.74 ng

RT: 6.99 min Scan# 534

Delta R.T. 0.06 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

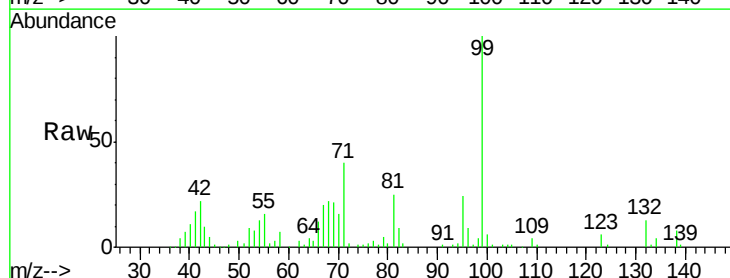
Tgt Ion: 99 Resp: 242804

Ion Ratio Lower Upper

99 100

42 21.5 15.0 22.4

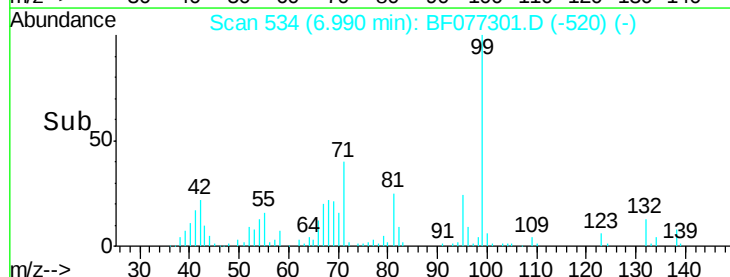
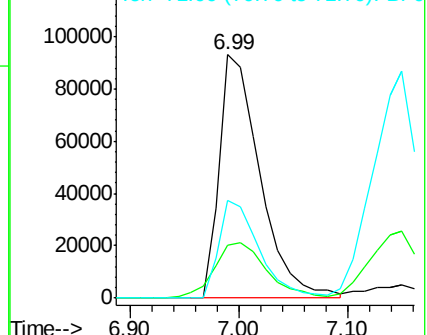
71 39.9 31.8 47.6

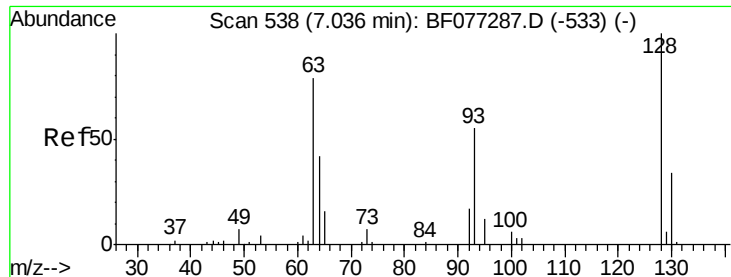


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

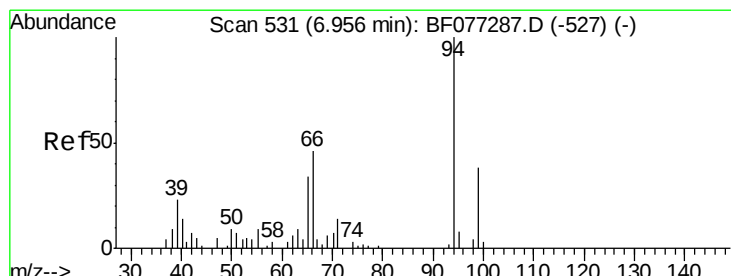
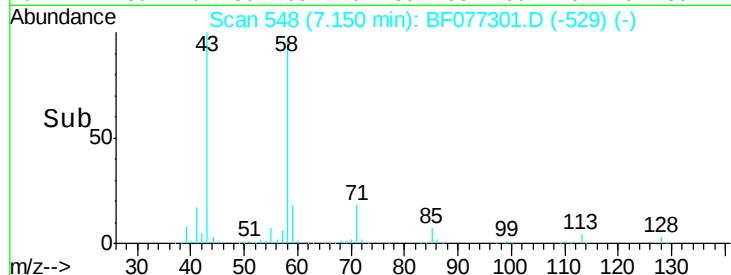
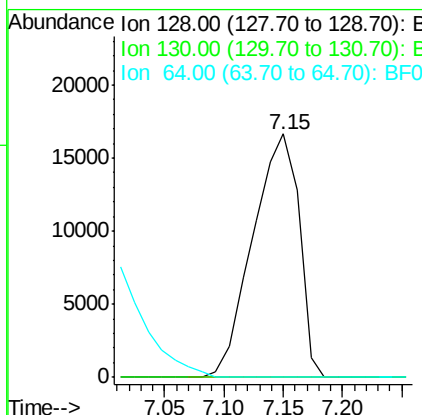
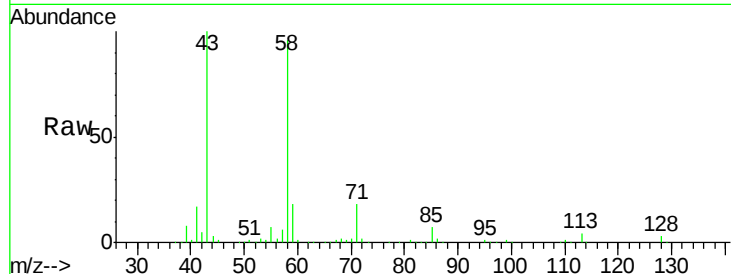




#8
 2-Chlorophenol
 Concen: 9.45 ng
 RT: 7.15 min Scan# 548
 Delta R.T. 0.11 min
 Lab File: BF077301.D
 Acq: 13 Feb 2015 1:11

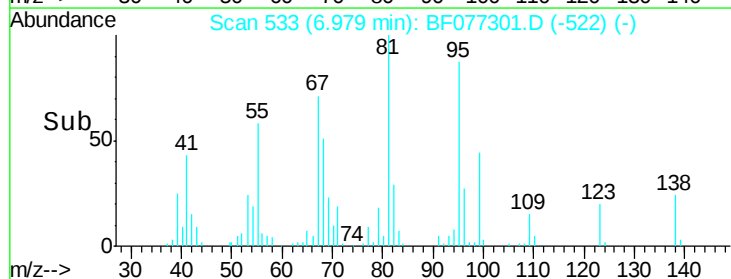
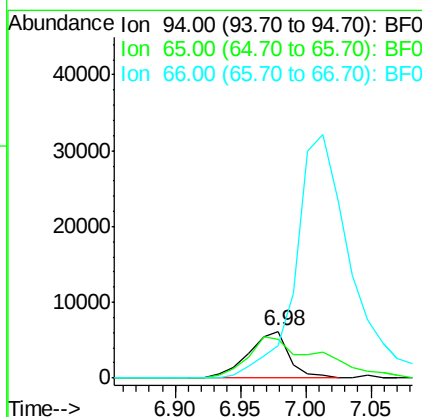
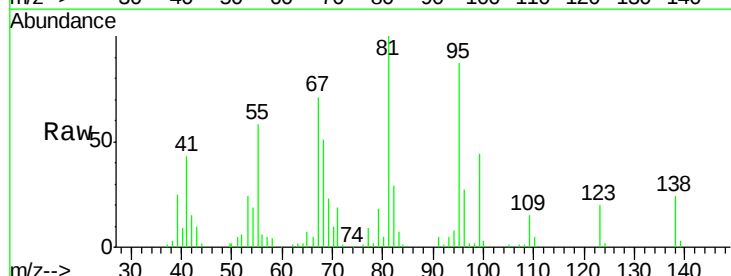
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-060-21015

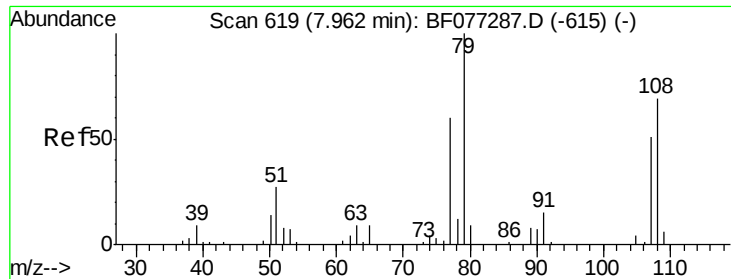
Tgt Ion: 128 Resp: 45030
 Ion Ratio Lower Upper
 128 100
 130 0.0 14.4 54.4#
 64 0.0 30.4 70.4#



#10
 Phenol
 Concen: 2.54 ng
 RT: 6.98 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: BF077301.D
 Acq: 13 Feb 2015 1:11

Tgt Ion: 94 Resp: 13549
 Ion Ratio Lower Upper
 94 100
 65 84.0 14.2 54.2#
 66 69.6 25.7 65.7#





#15

Benzyl Alcohol

Concen: 5.53 ng

RT: 7.97 min Scan# 620

Delta R.T. 0.01 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

Instrument :

BNA_F

ClientSampleId :

DCW-WC-060-21015

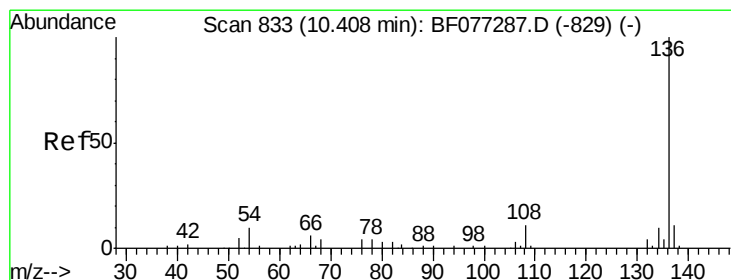
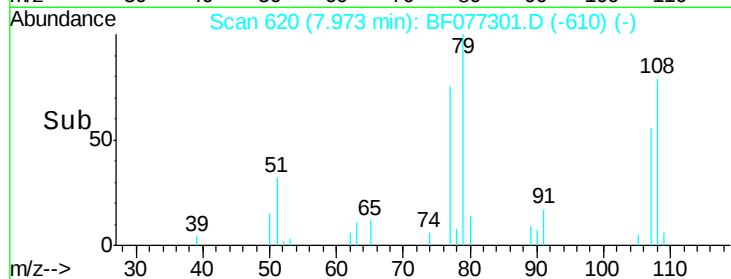
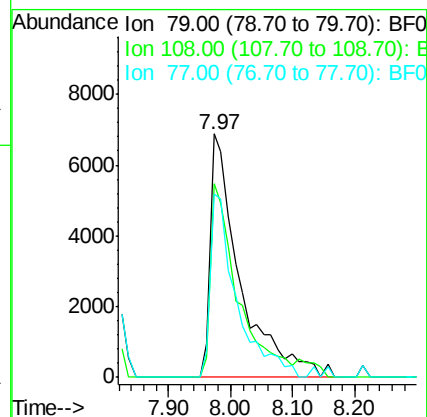
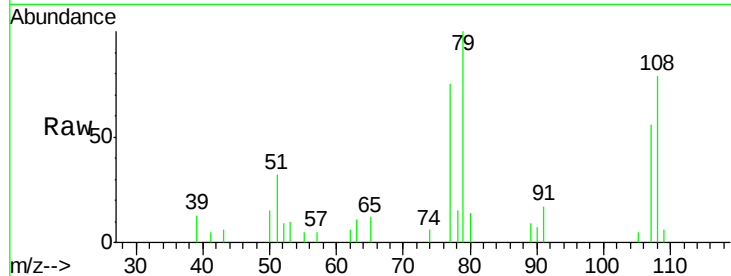
Tgt Ion: 79 Resp: 22763

Ion Ratio Lower Upper

79 100

108 79.3 54.8 82.2

77 75.3 48.0 72.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.41 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

Tgt Ion: 136 Resp: 278418

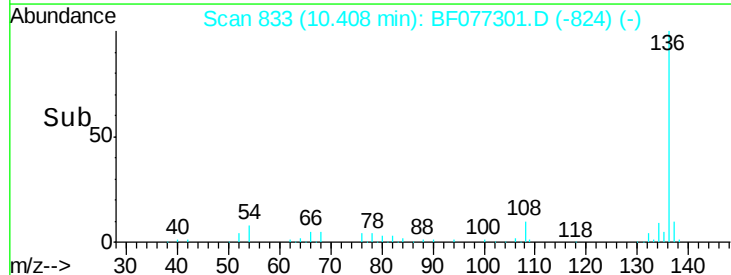
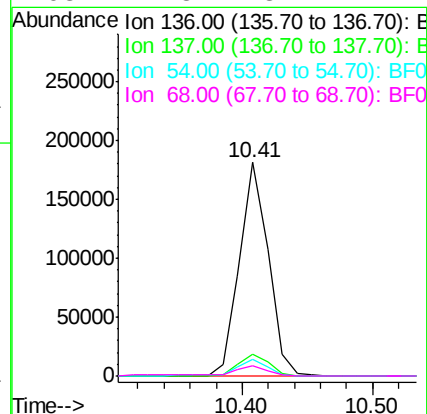
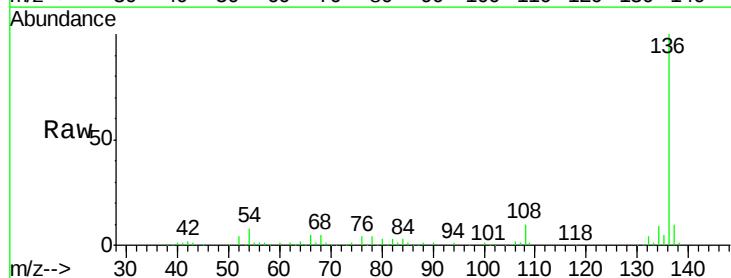
Ion Ratio Lower Upper

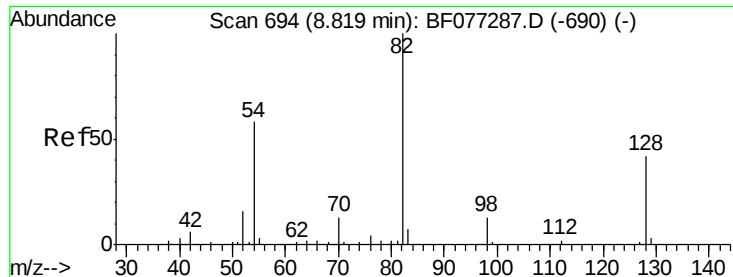
136 100

137 10.2 8.7 13.1

54 8.1 8.2 12.2#

68 4.8 3.1 4.7#

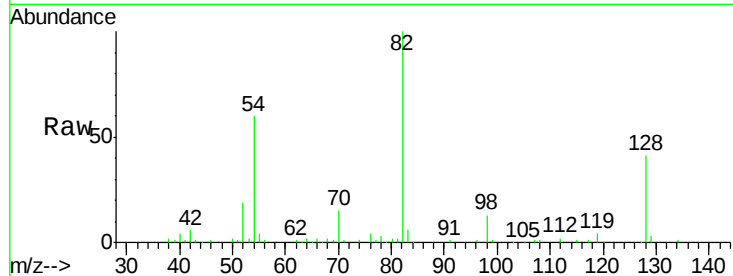




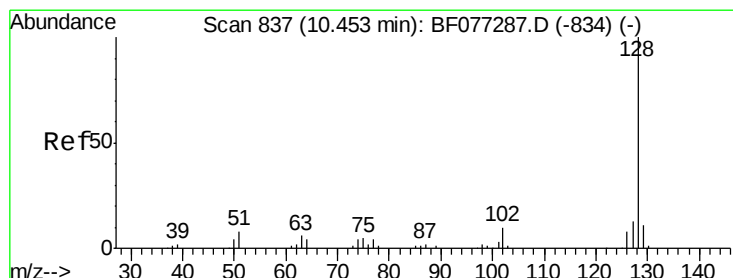
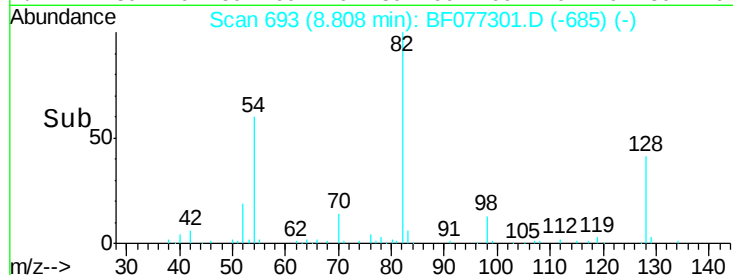
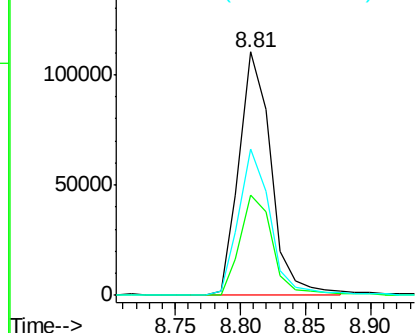
#23
 Nitrobenzene-d5
 Concen: 38.94 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077301.D
 Acq: 13 Feb 2015 1:11

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-060-21015

Tgt Ion: 82 Resp: 189820
 Ion Ratio Lower Upper
 82 100
 128 41.2 33.6 50.4
 54 60.1 46.2 69.2

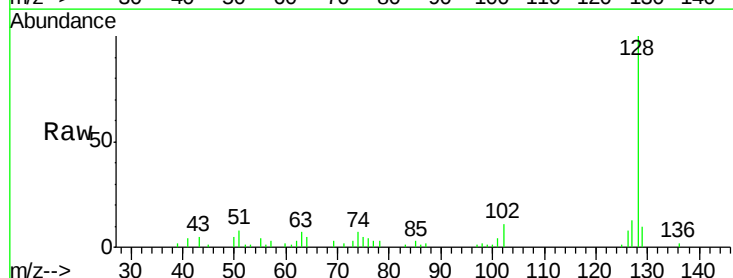


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

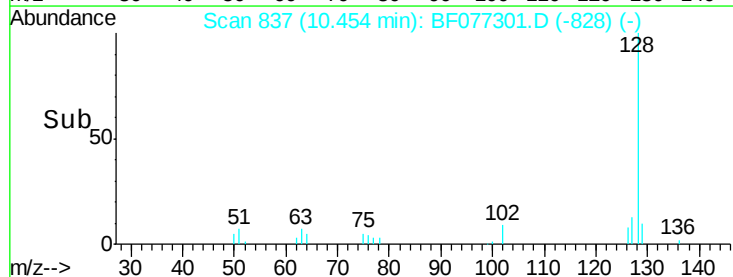
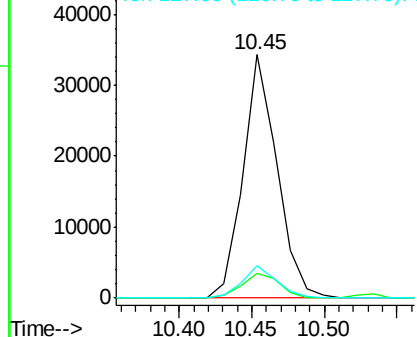


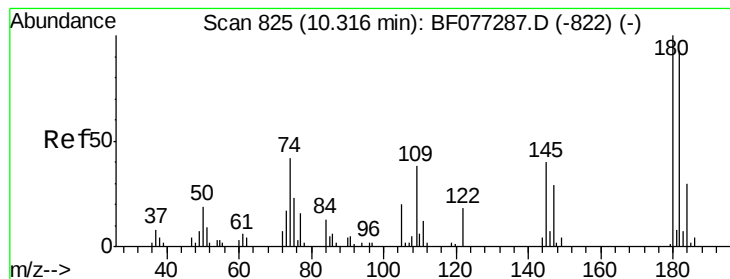
#31
 Naphthalene
 Concen: 4.06 ng
 RT: 10.45 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF077301.D
 Acq: 13 Feb 2015 1:11

Tgt Ion: 128 Resp: 55779
 Ion Ratio Lower Upper
 128 100
 129 10.3 9.0 13.6
 127 13.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 15.73 ng

RT: 10.28 min Scan# 822

Delta R.T. -0.03 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

Instrument :

BNA_F

ClientSampleId :

DCW-WC-060-21015

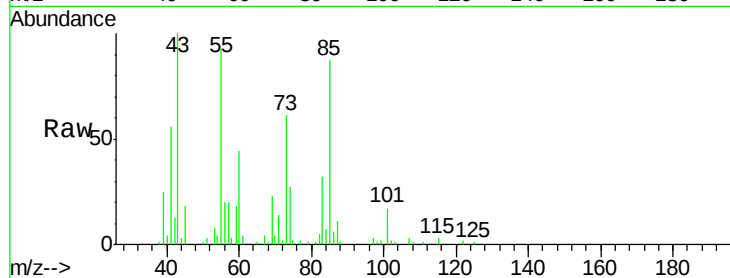
Tgt Ion:122 Resp: 1880

Ion Ratio Lower Upper

122 100

105 0.0 93.4 133.4#

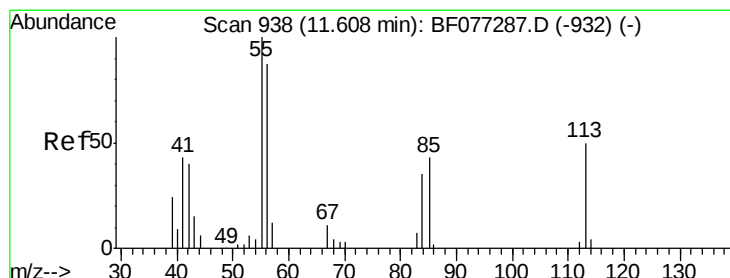
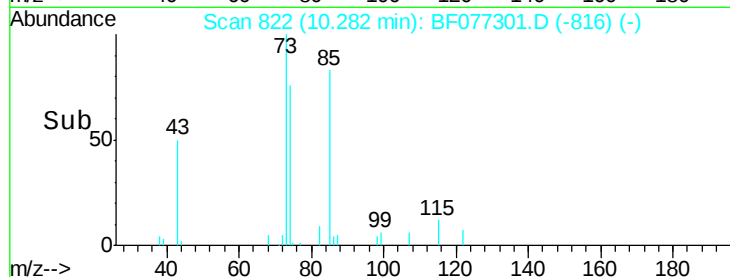
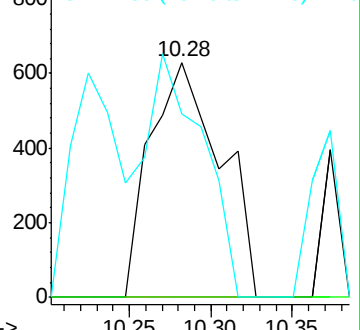
77 77.9 72.6 112.6



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



#35

Caprolactam

Concen: 8.89 ng

RT: 11.64 min Scan# 941

Delta R.T. 0.04 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

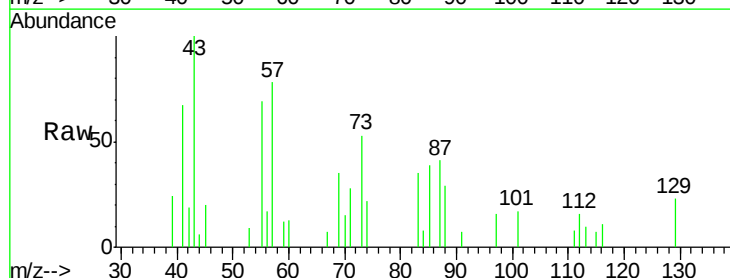
Tgt Ion:113 Resp: 911

Ion Ratio Lower Upper

113 100

55 681.3 178.4 218.4#

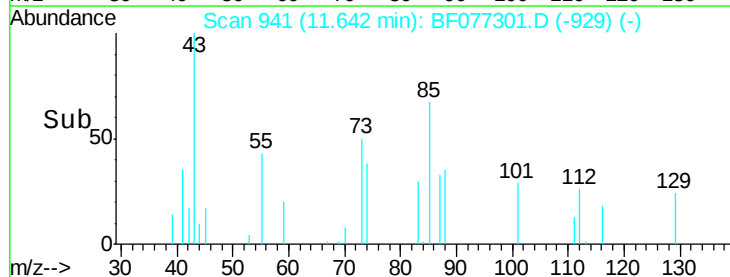
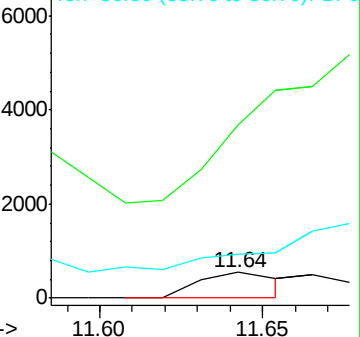
56 172.6 152.8 192.8

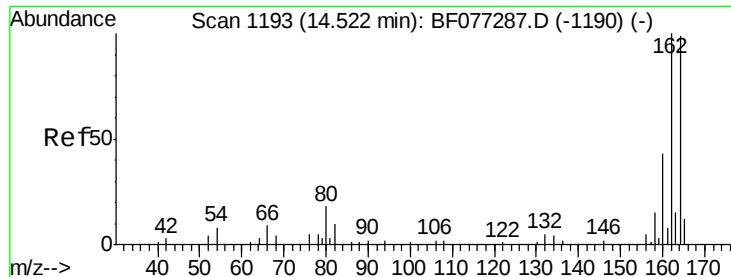


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.52 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

Instrument :

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ClientSampleId :

DCW-WC-060-21015

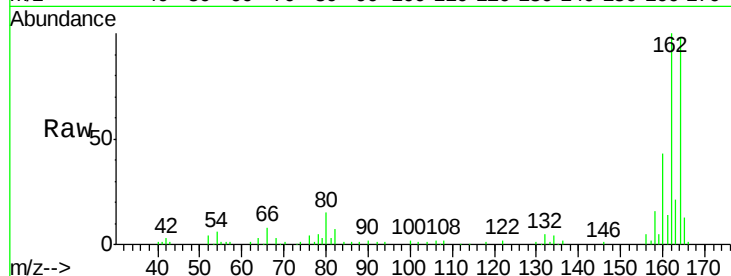
Tgt Ion:164 Resp: 135921

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

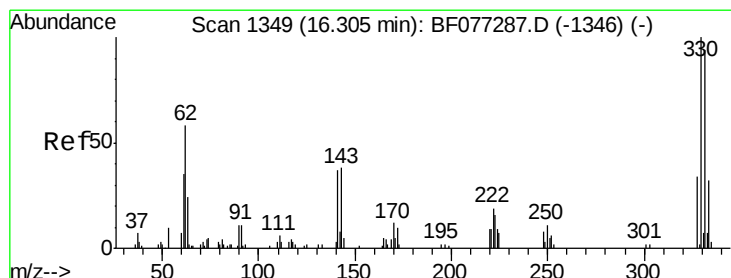
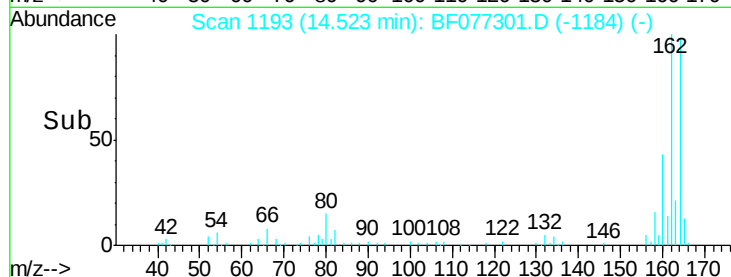
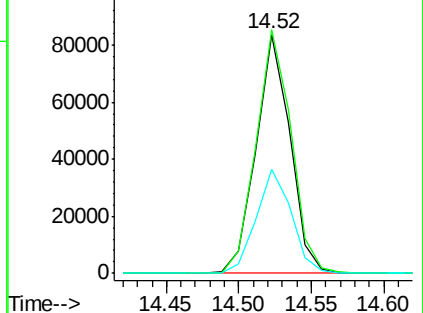
160 43.8 35.2 52.8



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: 68.70 ng

RT: 16.29 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

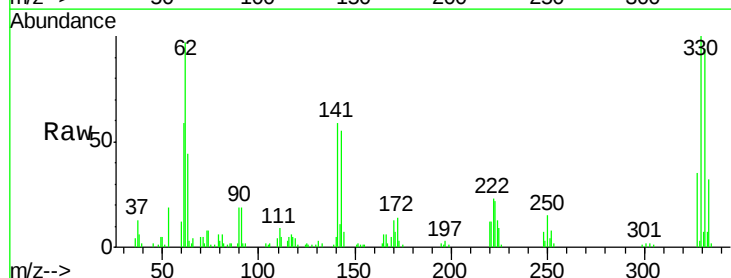
Tgt Ion:330 Resp: 76147

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

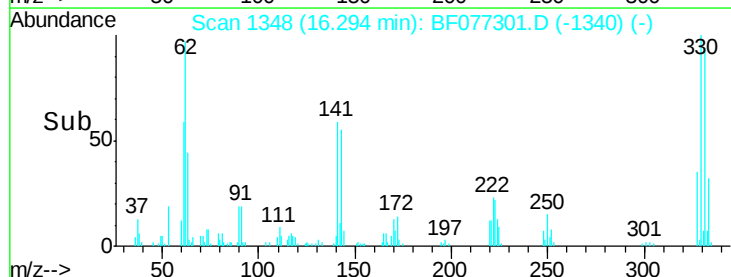
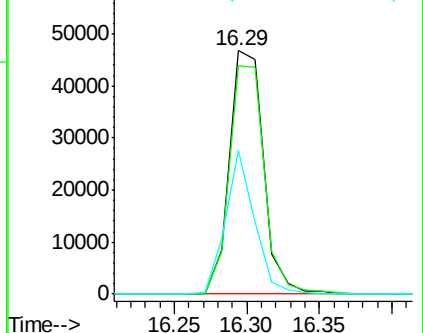
141 50.1 0.0 0.0#

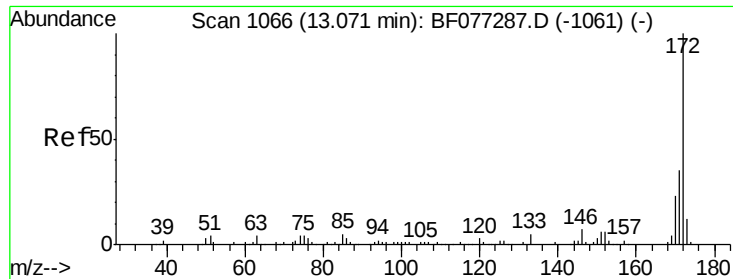


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

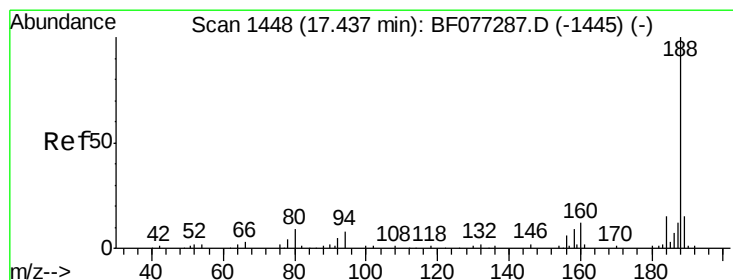
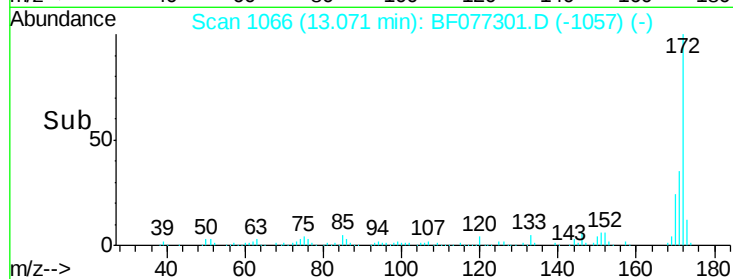
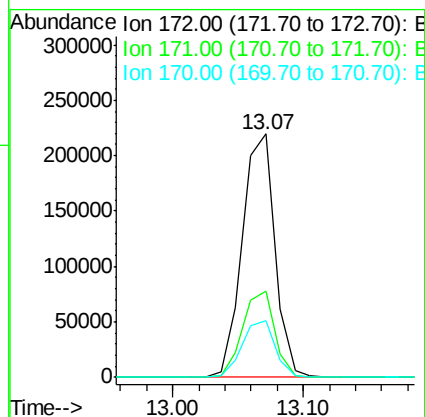
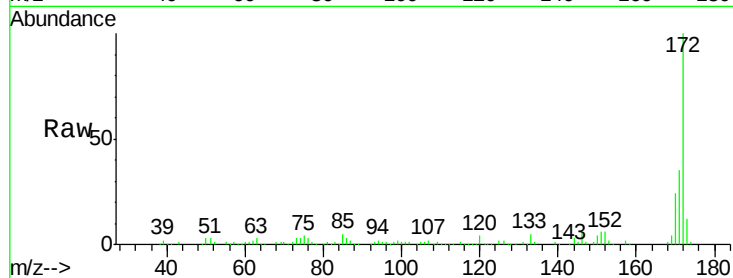




#44
2-Fluorobiphenyl
Concen: 42.27 ng
RT: 13.07 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF077301.D
Acq: 13 Feb 2015 1:11

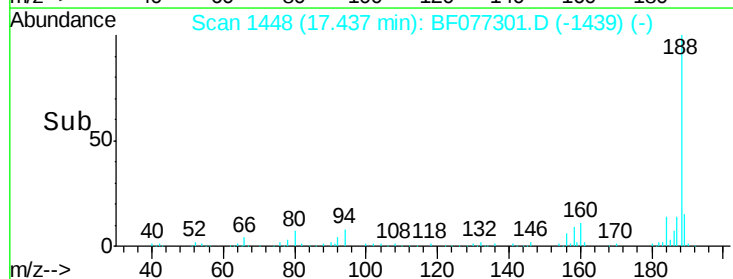
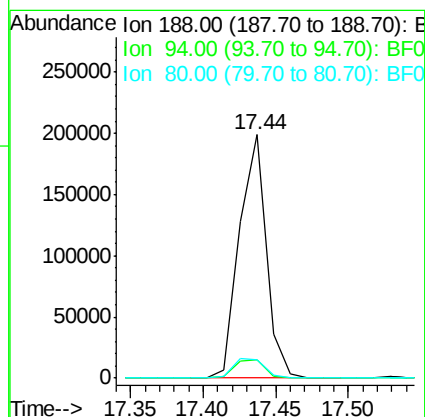
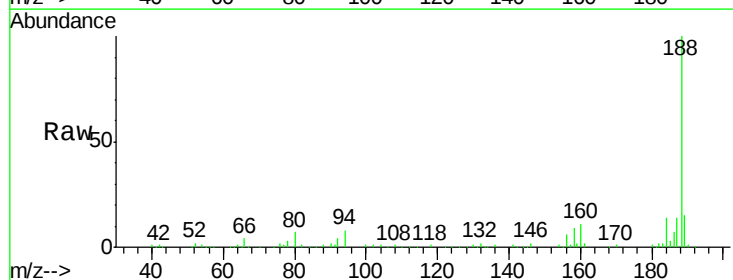
Instrument :
BNA_F
ClientSampleId :
DCW-WC-060-21015

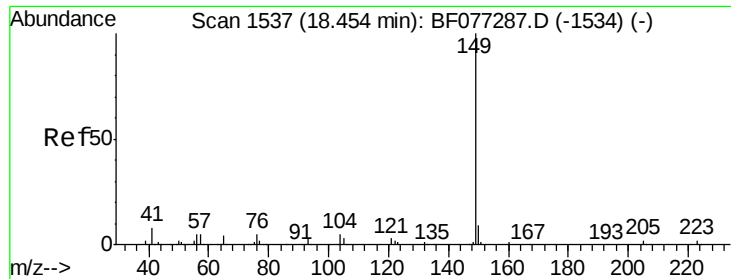
Tgt Ion:172 Resp: 381689
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.6 18.3 27.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077301.D
Acq: 13 Feb 2015 1:11

Tgt Ion:188 Resp: 256013
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 7.4 7.1 10.7





#73

Di-n-butylphthalate

Concen: 3.80 ng

RT: 18.45 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

Instrument :

BNA_F

ClientSampleId :

DCW-WC-060-21015

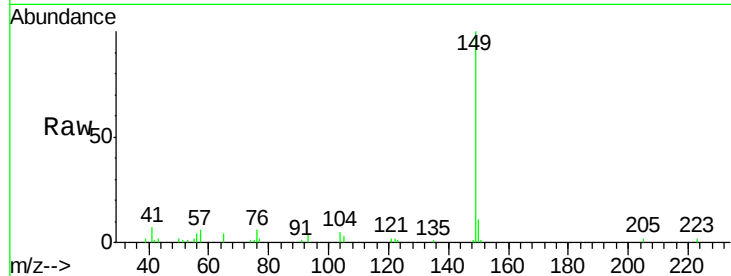
Tgt Ion:149 Resp: 71603

Ion Ratio Lower Upper

149 100

150 10.6 7.4 11.2

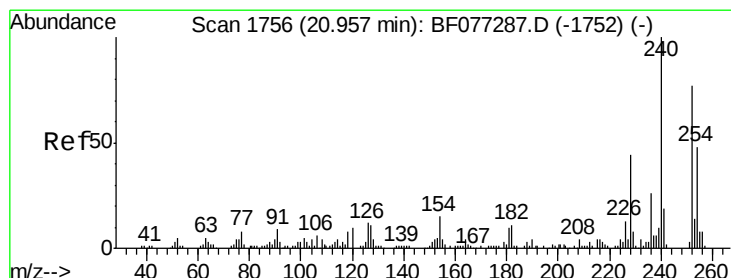
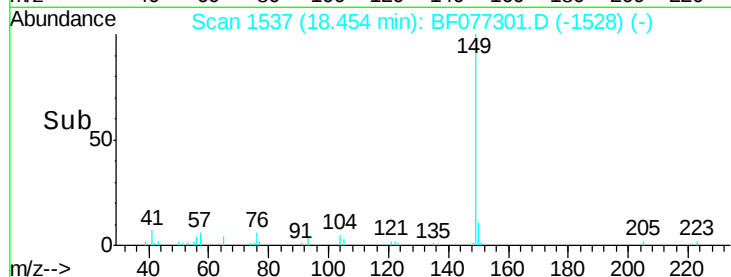
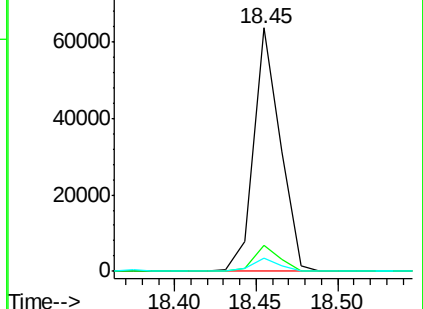
104 5.4 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.96 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077301.D

Acq: 13 Feb 2015 1:11

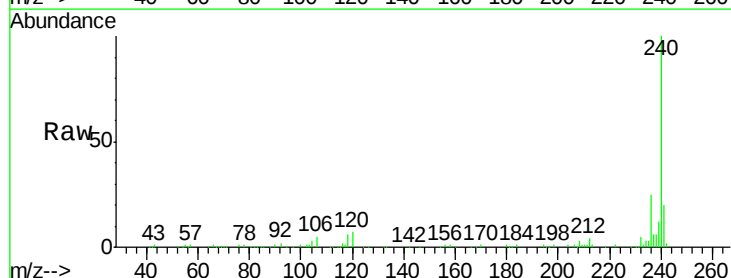
Tgt Ion:240 Resp: 264785

Ion Ratio Lower Upper

240 100

120 7.1 7.8 11.8#

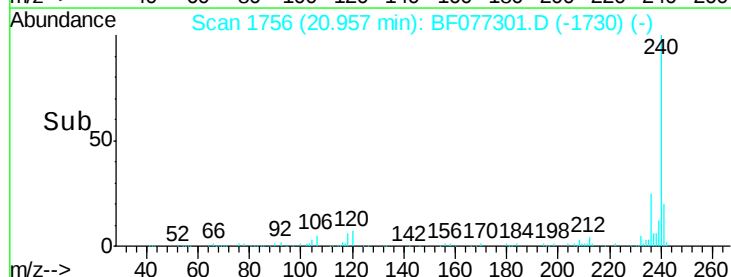
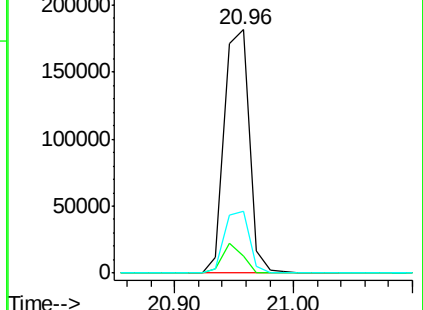
236 25.2 20.4 30.6

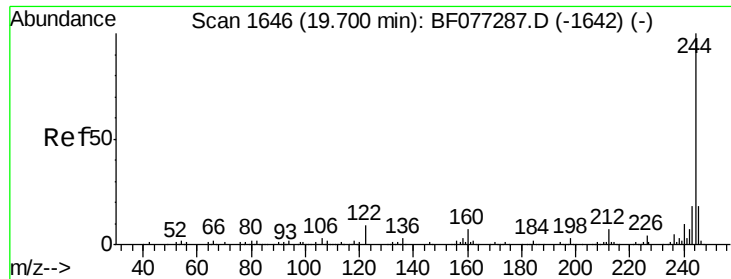


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

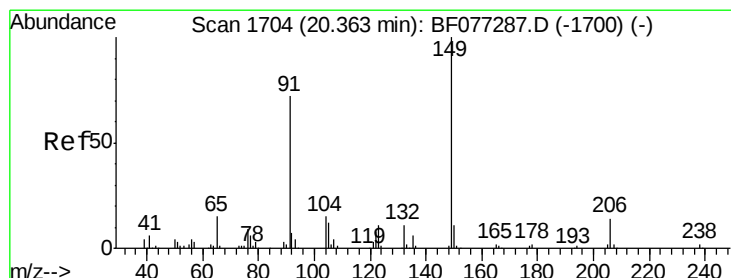
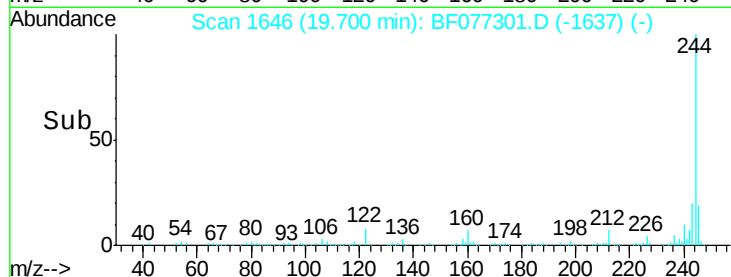
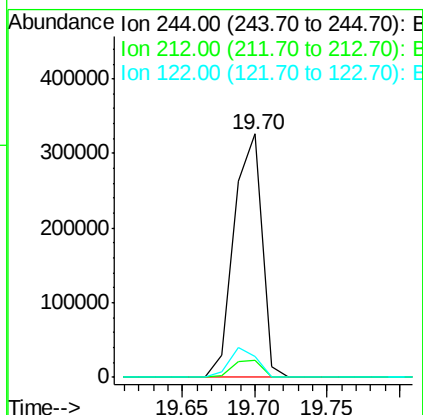
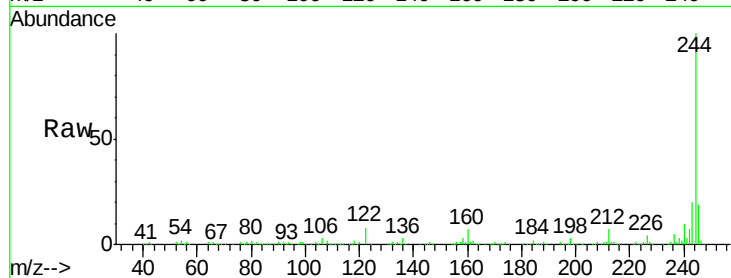




#78
 Terphenyl-d14
 Concen: 36.89 ng
 RT: 19.70 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF077301.D
 Acq: 13 Feb 2015 1:11

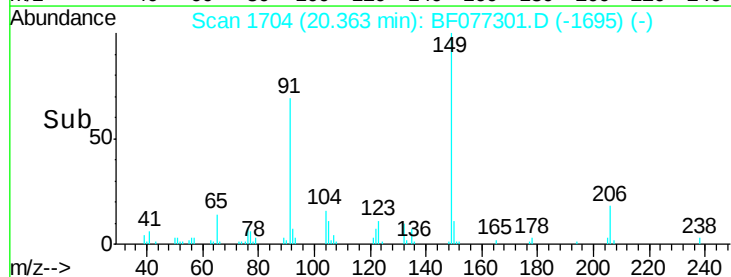
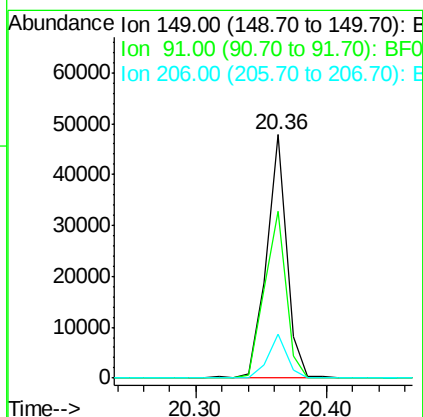
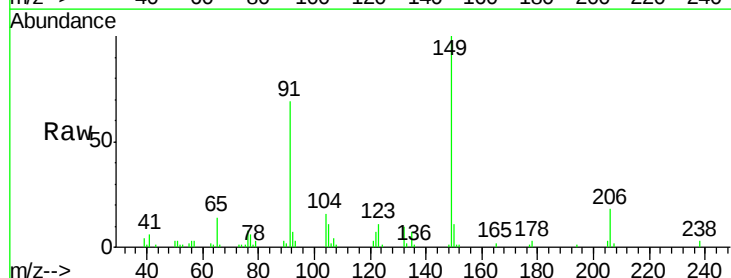
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-060-21015

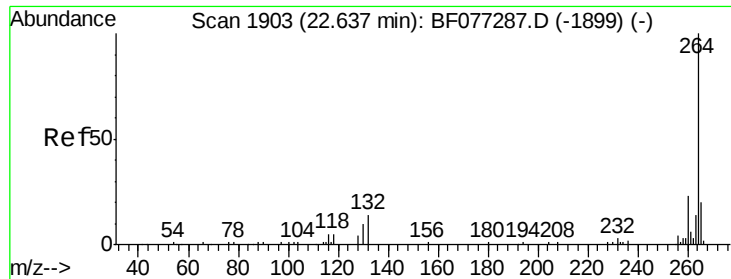
Tgt Ion:244 Resp: 434873
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 8.5 7.0 10.4



#79
 Butylbenzylphthalate
 Concen: 5.88 ng
 RT: 20.36 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BF077301.D
 Acq: 13 Feb 2015 1:11

Tgt Ion:149 Resp: 52613
 Ion Ratio Lower Upper
 149 100
 91 68.6 57.3 85.9
 206 18.0 11.6 17.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.59 min Scan# 1899
Delta R.T. -0.05 min
Lab File: BF077301.D
Acq: 13 Feb 2015 1:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-060-21015

Tgt Ion: 264 Resp: 244580
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.3 16.2 24.2

