

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086316.D
 Acq On : 20 Apr 2016 18:45
 Operator : UM/SJ
 Sample : H2625-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: Apr 21 00:59:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	261318	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1079128	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	463079	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	768545	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	467266	20.00	ng	-0.05
86) Perylene-d12	15.44	264	439939	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	967478	64.60	ng	-0.03
7) Phenol-d6	6.49	99	879062	44.85	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1554248	82.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	509540	141.17	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2542541	112.45	ng	-0.03
78) Terphenyl-d14	12.97	244	1644743	83.79	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	955	0.12	ng	# 22
4) n-Nitrosodimethylamine	3.18	42	618	0.09	ng	# 1
6) Aniline	6.62	93	1869	0.07	ng	# 1
8) 2-Chlorophenol	6.64	128	620	0.03	ng	# 1
9) Benzaldehyde	6.49	77	1203	0.09	ng	# 1
10) Phenol	6.50	94	2713	0.12	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1869	0.10	ng	# 1
12) 1,3-Dichlorobenzene	7.01	146	333	0.02	ng	# 1
13) 1,4-Dichlorobenzene	7.01	146	333	0.02	ng	# 1
14) 1,2-Dichlorobenzene	7.01	146	333	0.02	ng	# 1
15) Benzyl Alcohol	7.01	79	23340	1.92	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1519	0.06	ng	# 69
18) Hexachloroethane	7.40	117	226	0.04	ng	# 49
19) n-Nitroso-di-n-propylamine	7.42	70	203209	17.12	ng	# 83
22) Acetophenone	7.28	105	245	0.01	ng	# 1
24) Nitrobenzene	7.42	77	5677	0.28	ng	# 33
25) Isophorone	7.42	82	1241977	34.79	ng	# 67
31) Naphthalene	8.17	128	2946	0.06	ng	# 67
35) Caprolactam	8.56	113	494	0.11	ng	# 56
36) 4-Chloro-3-methylphenol	8.72	107	571	0.04	ng	# 19
45) 1,1'-Biphenyl	9.23	154	4636	0.13	ng	# 1
47) 2-Nitroaniline	9.23	65	4426	0.47	ng	# 1
49) Dimethylphthalate	9.62	163	31088	0.88	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	57185	7.88	ng	# 32
51) Acenaphthene	9.90	154	1885	0.07	ng	# 4
54) Dibenzofuran	10.11	168	1085	0.03	ng	# 46
56) 2,4-Dinitrotoluene	9.89	165	58973	6.54	ng	# 31
57) Fluorene	10.44	166	797	0.03	ng	# 74
59) Diethylphthalate	10.32	149	9755	0.28	ng	# 99
62) Azobenzene	10.61	77	1090	0.03	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.69	198	1057	6.44	ng	# 32
65) n-Nitrosodiphenylamine	10.68	169	16268	0.64	ng	# 41
66) 4-Bromophenyl-phenylether	10.69	248	30944	3.75	ng	# 1
70) Phenanthrene	11.40	178	4356	0.12	ng	# 96

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 ALS Vial : 20 Sample Multiplier: 1

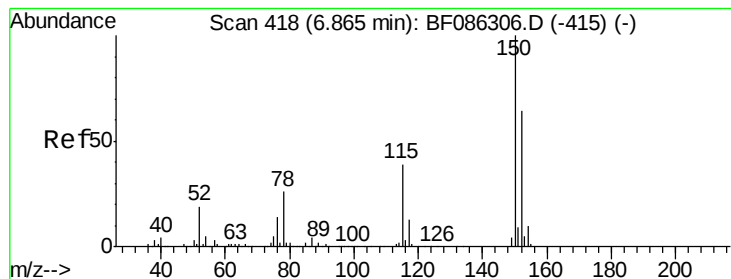
Instrument :
 BNA_F
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Quant Time: Apr 21 00:59:24 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

71) Anthracene	11.40	178	4356	0.11	ng	96
72) Carbazole	11.62	167	1060	0.03	ng	# 57
73) Di-n-butylphthalate	11.95	149	11864	0.25	ng	# 95
74) Fluoranthene	12.59	202	1235	0.04	ng	61
77) Pyrene	12.82	202	748	0.02	ng	# 39
79) Butylbenzylphthalate	13.44	149	773	0.04	ng	# 35
80) Benzo(a)anthracene	14.01	228	2361	0.10	ng	# 50
82) Chrysene	14.01	228	2361	0.09	ng	# 48
83) Bis(2-ethylhexyl)phthalate	14.01	149	12314	0.57	ng	# 90
84) Di-n-octyl phthalate	14.65	149	2306	0.06	ng	# 68
87) Benzo(b)fluoranthene	15.06	252	1093	0.04	ng	# 59
88) Benzo(k)fluoranthene	15.06	252	1093	0.05	ng	# 60
89) Benzo(a)pyrene	15.44	252	1661	0.07	ng	# 67

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

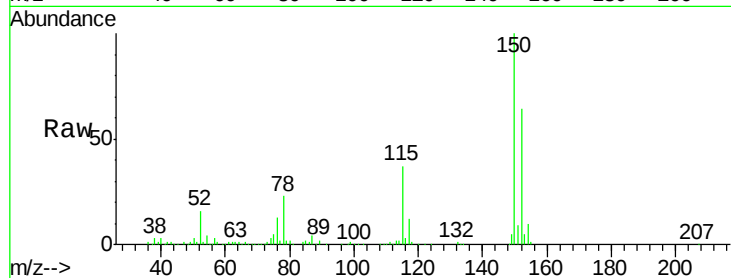
Tgt Ion:152 Resp: 261318

Ion Ratio Lower Upper

152 100

150 155.6 124.1 186.1

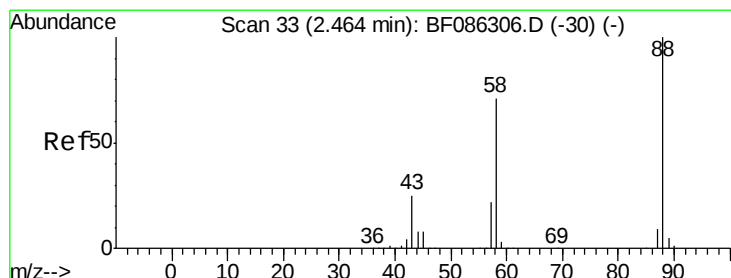
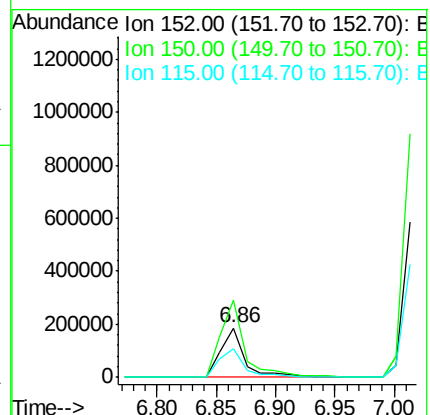
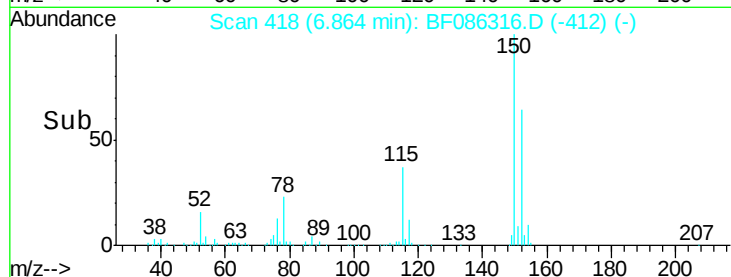
115 57.5 43.9 65.9



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



#2

1,4-Dioxane

Concen: 0.12 ng

RT: 2.64 min Scan# 48

Delta R.T. 0.13 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

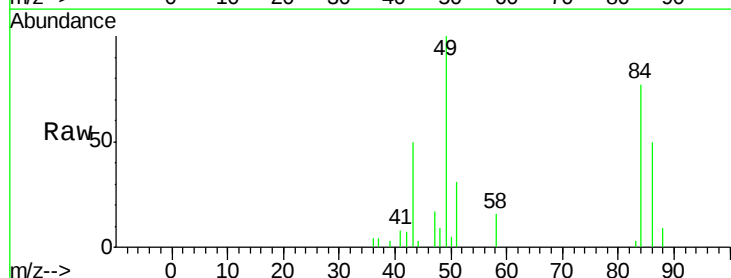
Tgt Ion: 88 Resp: 955

Ion Ratio Lower Upper

88 100

58 0.0 58.4 87.6#

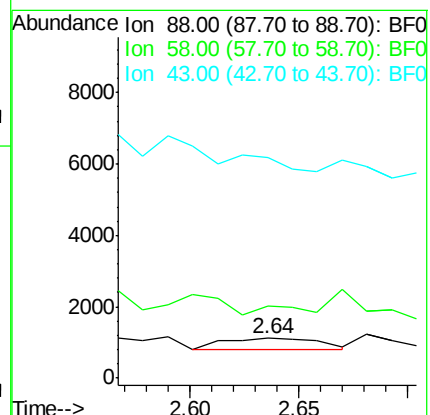
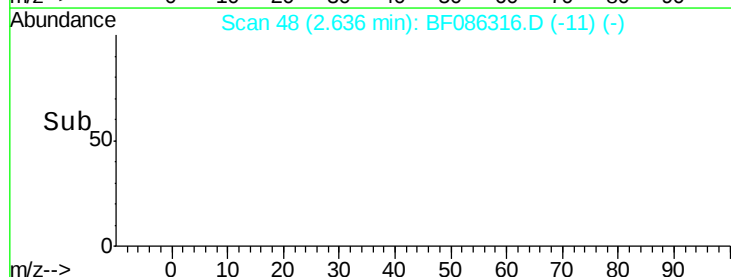
43 0.0 23.3 34.9#

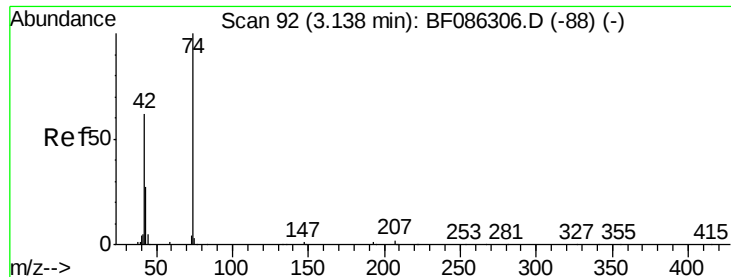


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampled :

MW-8

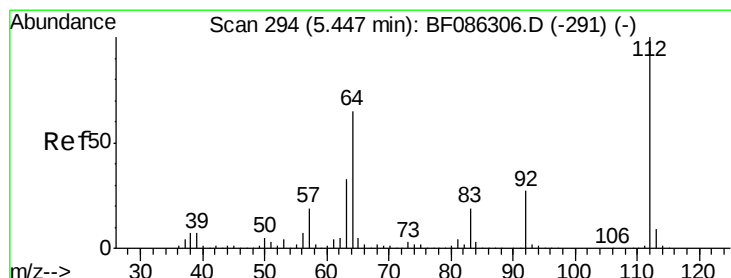
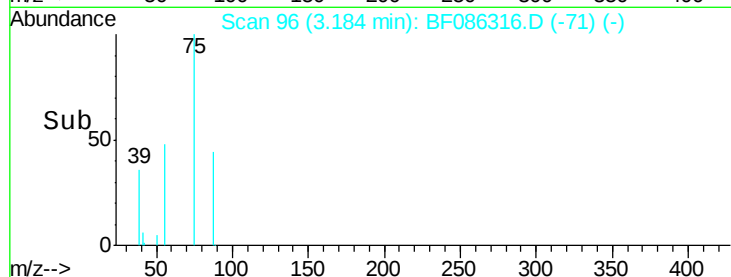
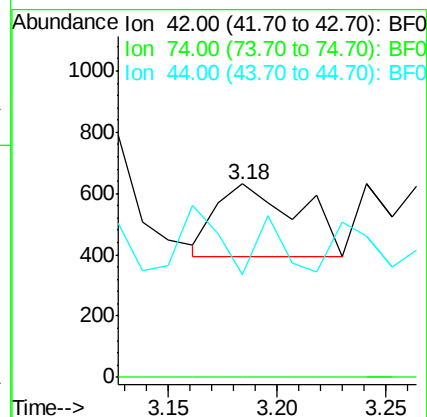
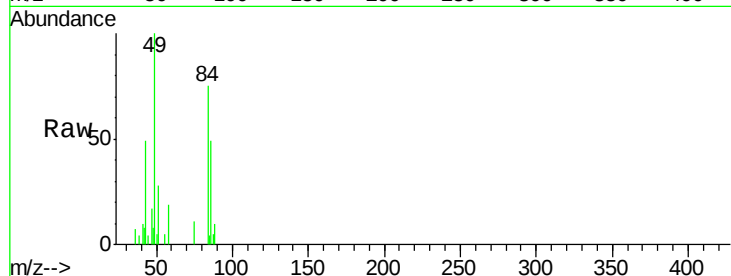
Tgt Ion: 42 Resp: 618

Ion Ratio Lower Upper

42 100

74 0.0 100.5 150.7#

44 52.8 5.4 8.0#



#5

2-Fluorophenol

Concen: 64.60 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

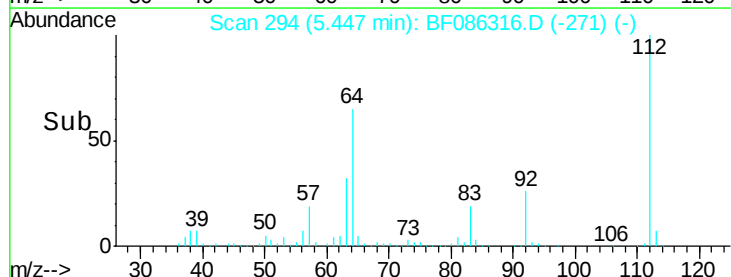
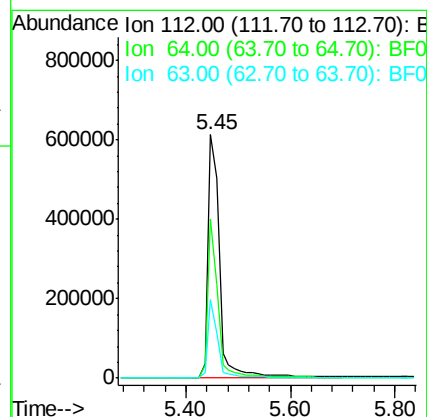
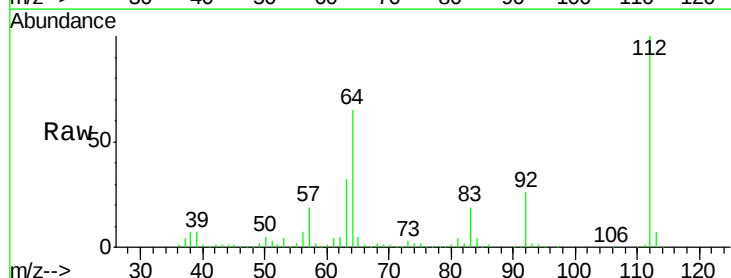
Tgt Ion: 112 Resp: 967478

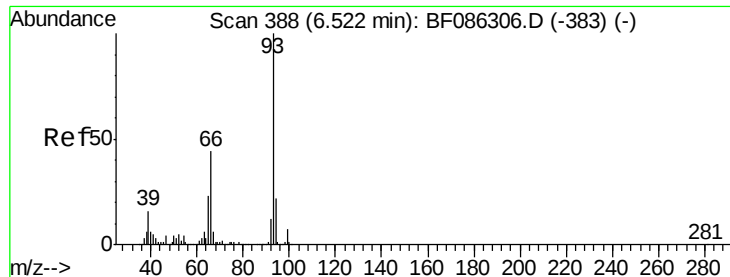
Ion Ratio Lower Upper

112 100

64 65.4 48.1 72.1

63 32.0 25.5 38.3





#6

Aniline

Concen: 0.07 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.07 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

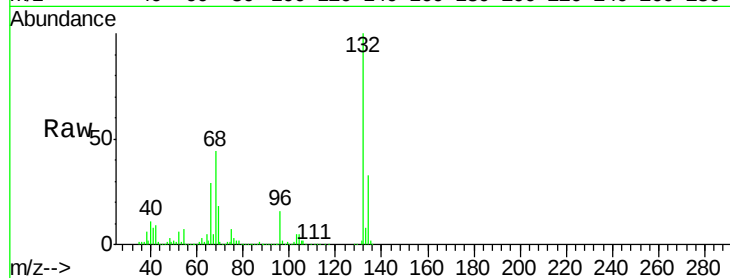
Tgt Ion: 93 Resp: 1869

Ion Ratio Lower Upper

93 100

66 20159.6 32.2 48.2#

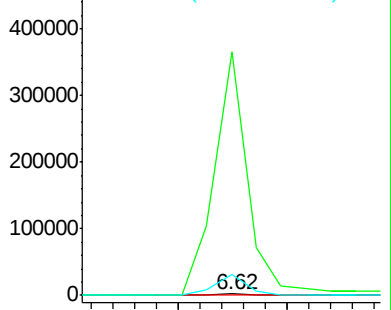
65 1713.8 16.4 24.6#



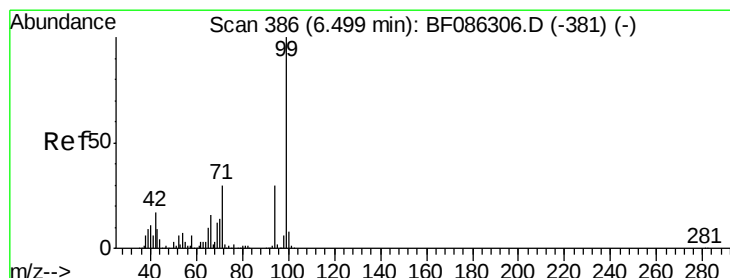
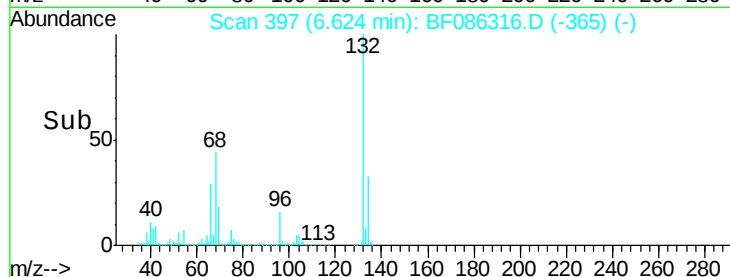
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#7

Phenol-d6

Concen: 44.85 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

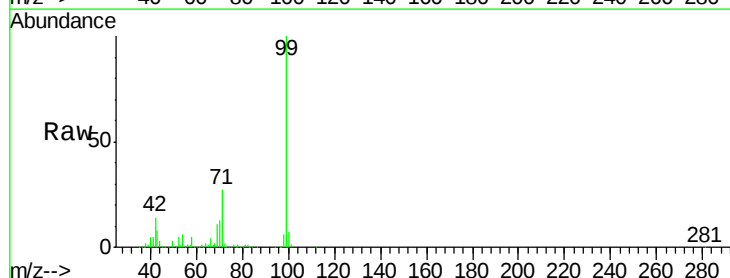
Tgt Ion: 99 Resp: 879062

Ion Ratio Lower Upper

99 100

42 14.0 15.4 23.2#

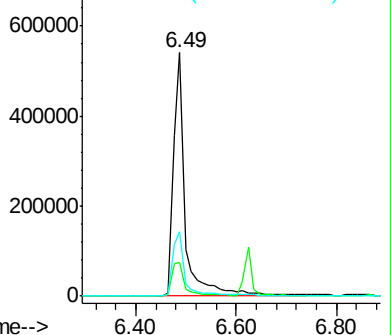
71 26.7 25.6 38.4



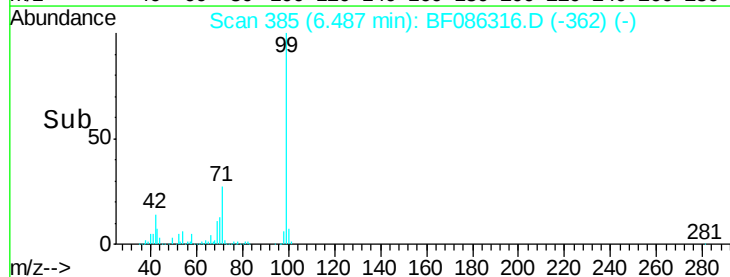
Abundance Ion 99.00 (98.70 to 99.70): BF0

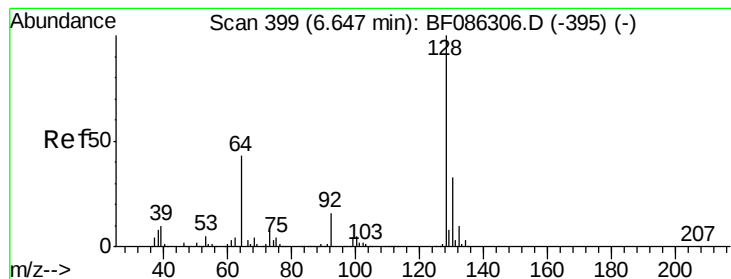
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

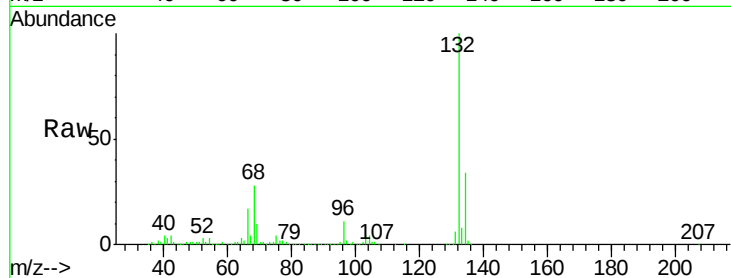
Tgt Ion:128 Resp: 620

Ion Ratio Lower Upper

128 100

130 177.4 11.8 51.8#

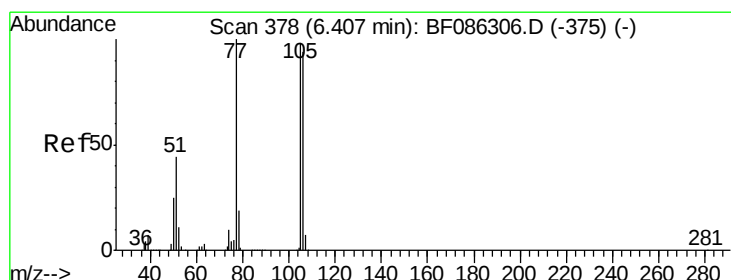
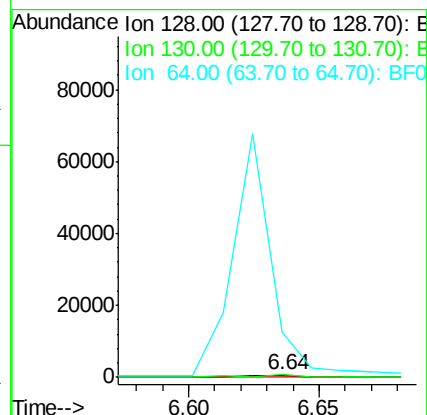
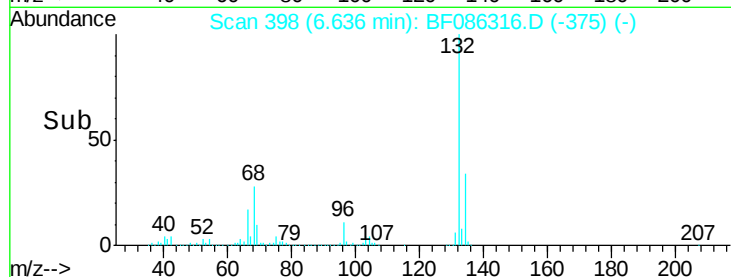
64 2530.0 39.5 79.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 0.09 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.05 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

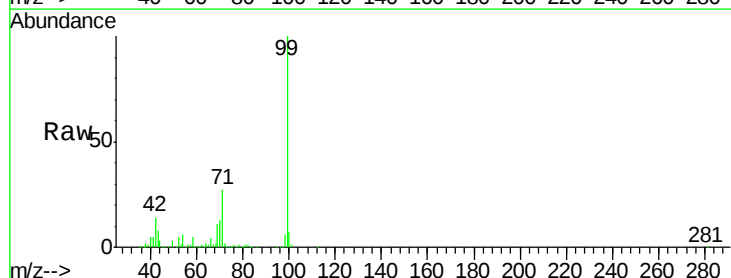
Tgt Ion: 77 Resp: 1203

Ion Ratio Lower Upper

77 100

105 0.0 84.6 124.6#

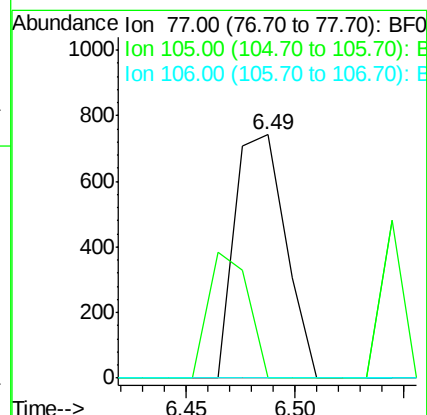
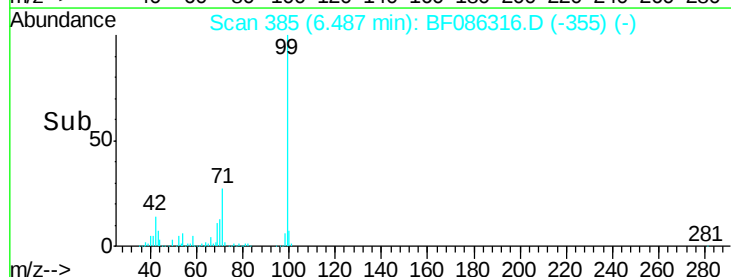
106 0.0 78.6 118.6#

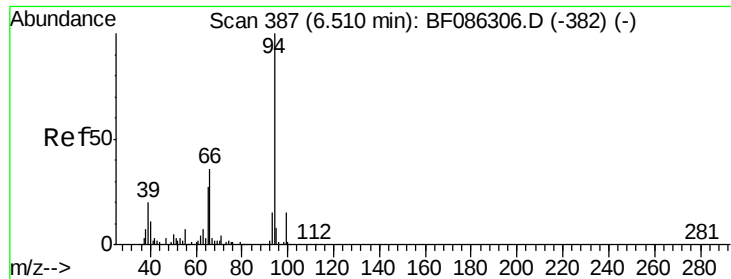


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.12 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

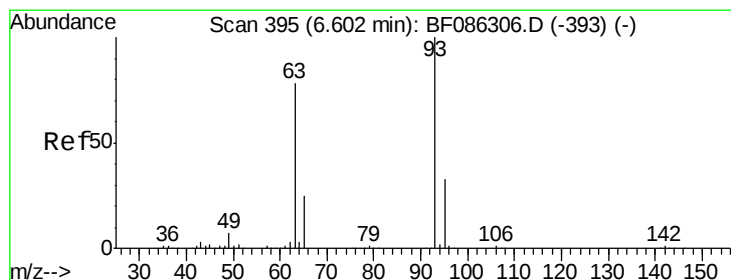
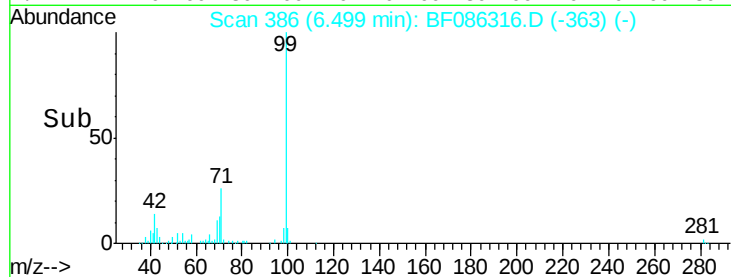
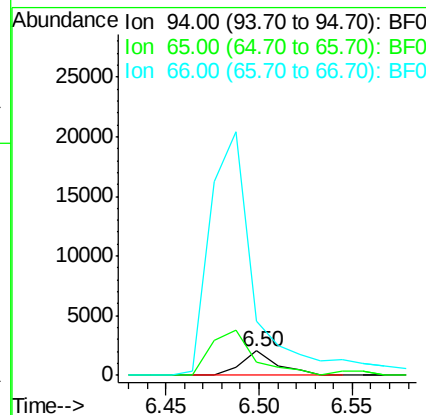
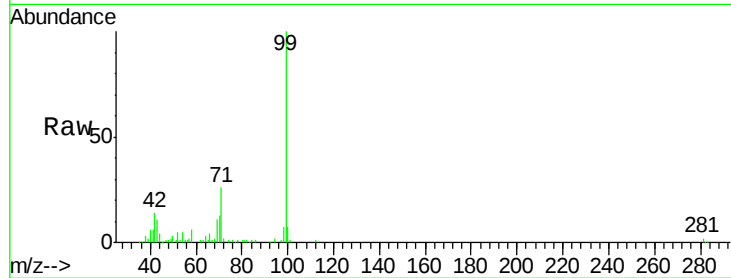
Tgt Ion: 94 Resp: 2713

Ion Ratio Lower Upper

94 100

65 51.5 7.9 47.9#

66 217.8 16.5 56.5#



#11

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

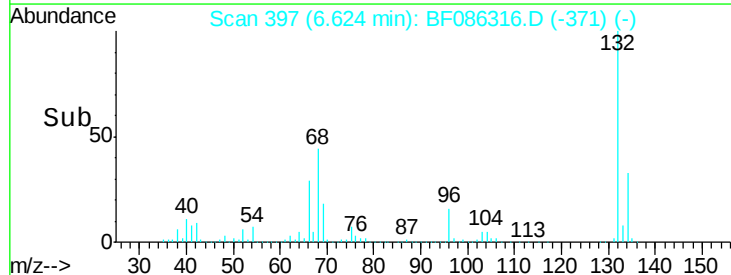
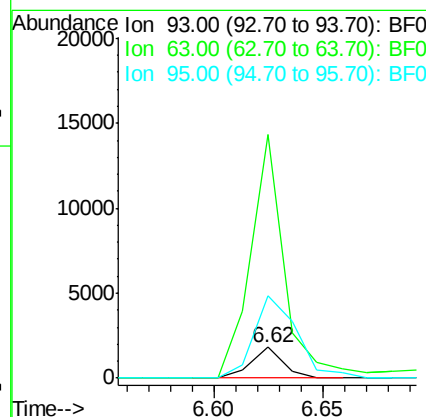
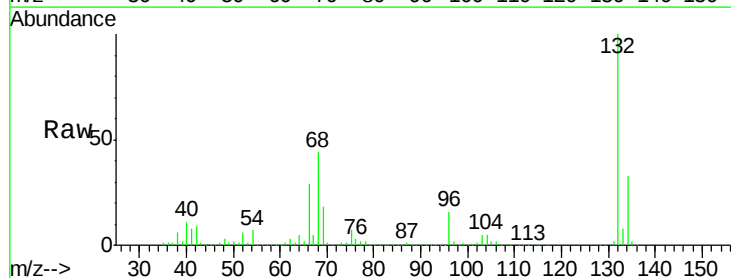
Tgt Ion: 93 Resp: 1869

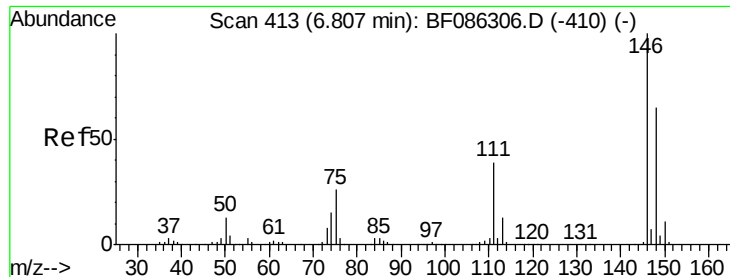
Ion Ratio Lower Upper

93 100

63 790.2 44.4 84.4#

95 267.0 13.1 53.1#





#12

1,3-Dichlorobenzene

Concen: 0.02 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.18 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

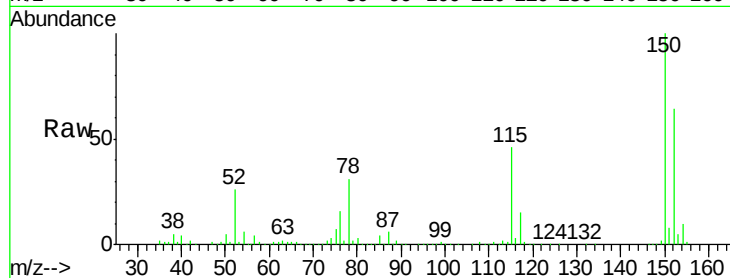
Tgt Ion:146 Resp: 333

Ion Ratio Lower Upper

146 100

148 505.6 51.0 76.4#

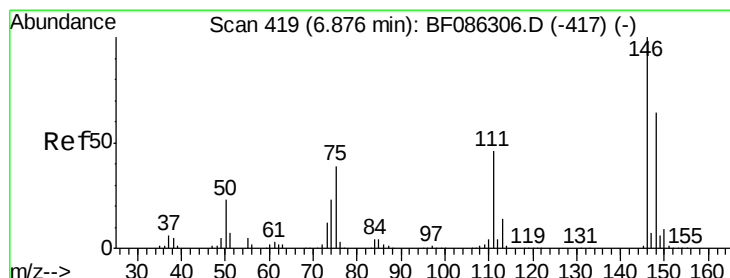
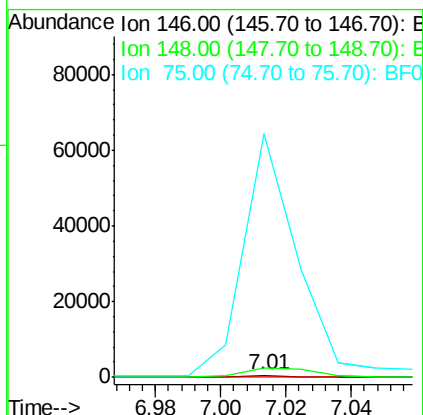
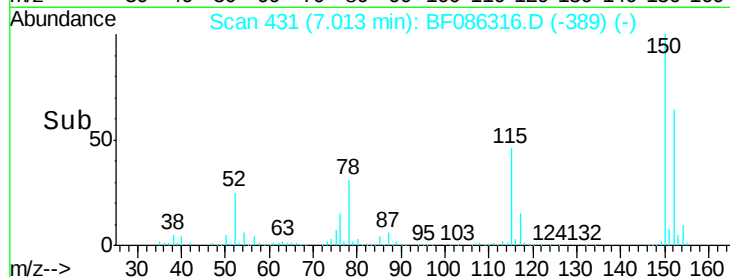
75 13232.9 29.9 44.9#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.02 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.10 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

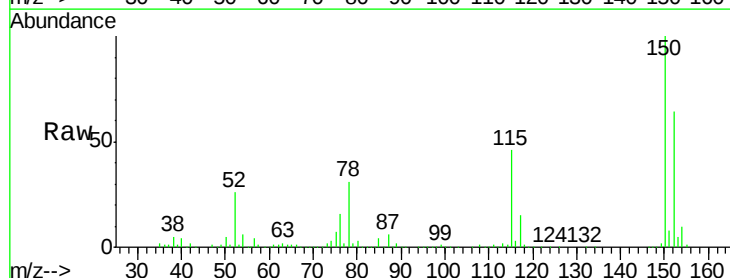
Tgt Ion:146 Resp: 333

Ion Ratio Lower Upper

146 100

148 505.6 51.8 77.6#

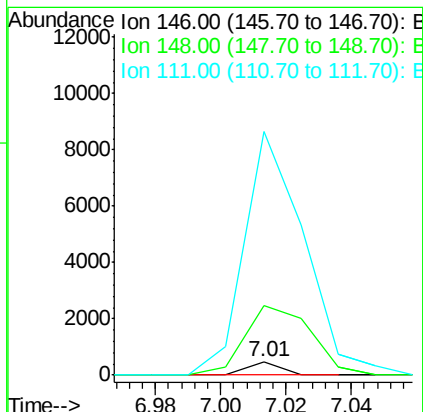
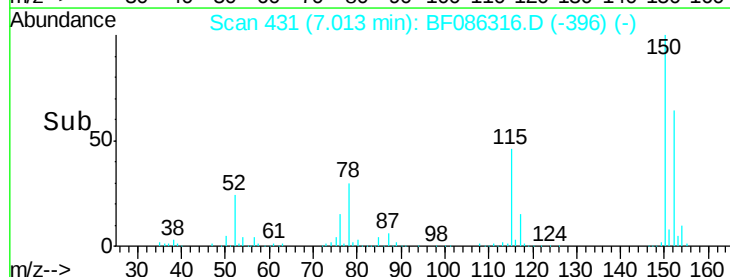
111 1780.0 34.9 52.3#

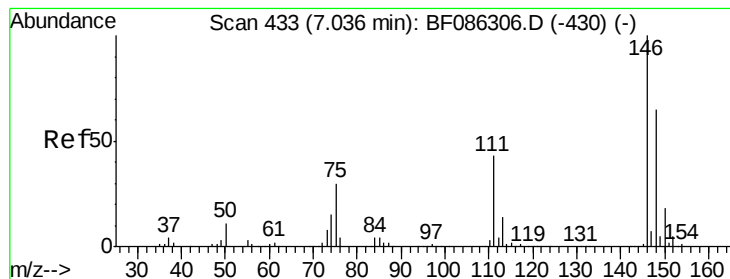


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.02 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.06 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

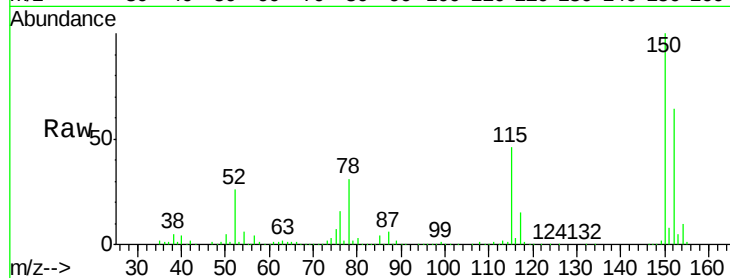
Tgt Ion:146 Resp: 333

Ion Ratio Lower Upper

146 100

148 505.6 52.2 78.2#

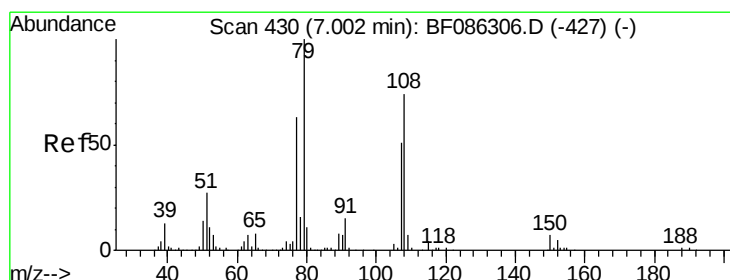
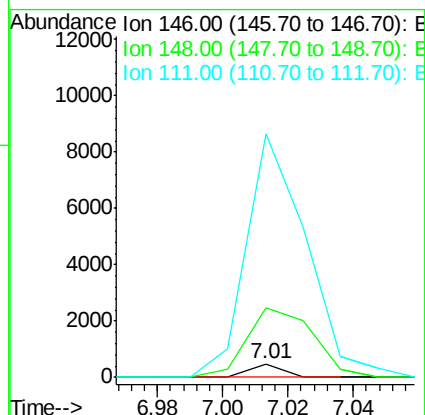
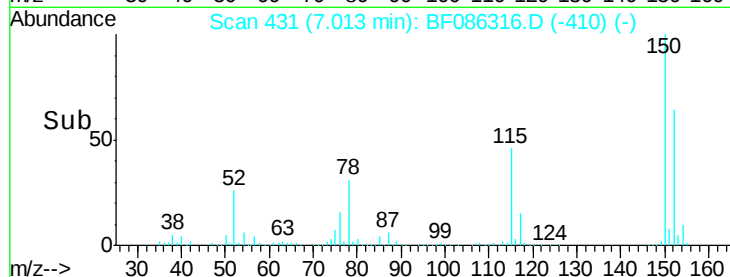
111 1780.0 31.0 46.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.92 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

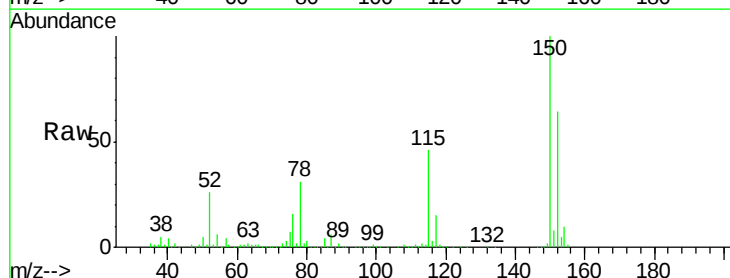
Tgt Ion: 79 Resp: 23340

Ion Ratio Lower Upper

79 100

108 31.0 64.8 97.2#

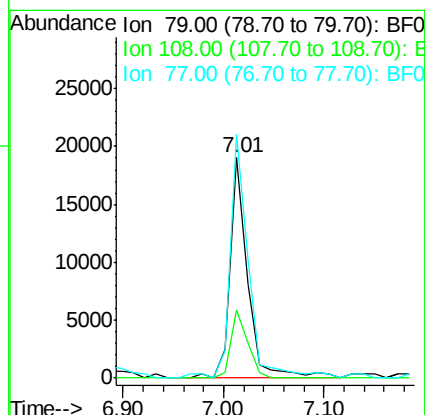
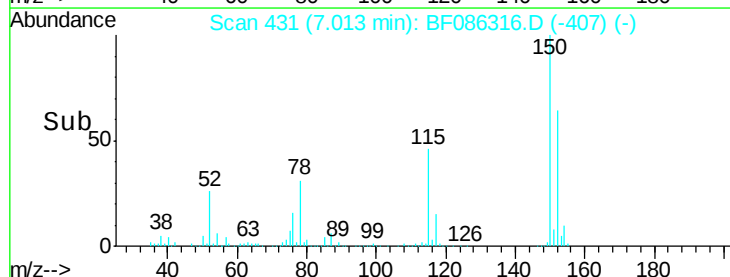
77 110.5 51.9 77.9#

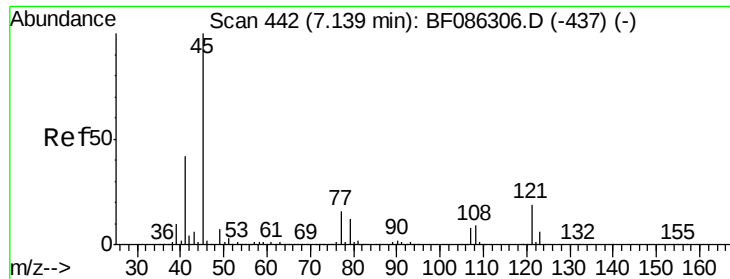


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

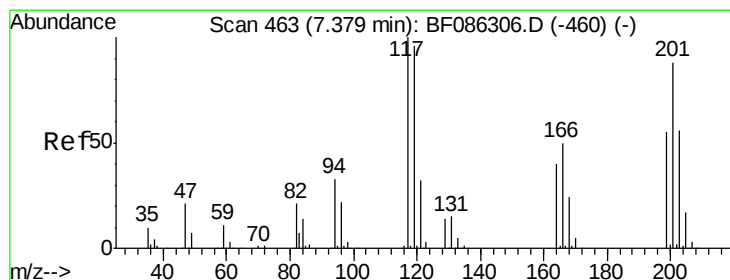
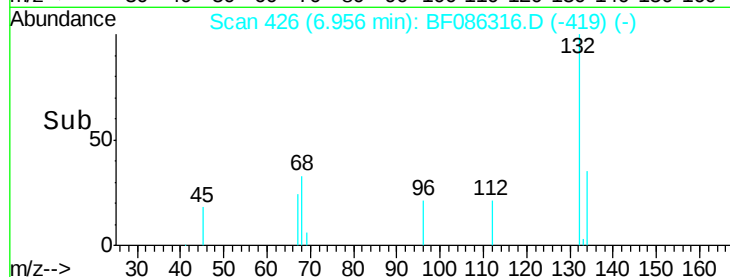
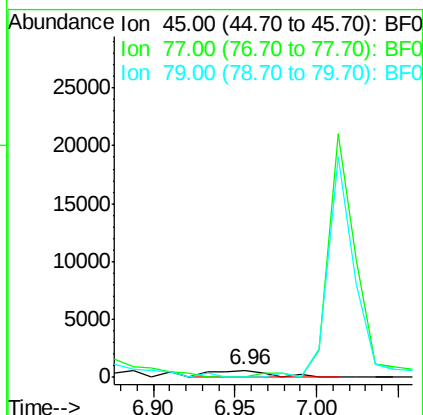
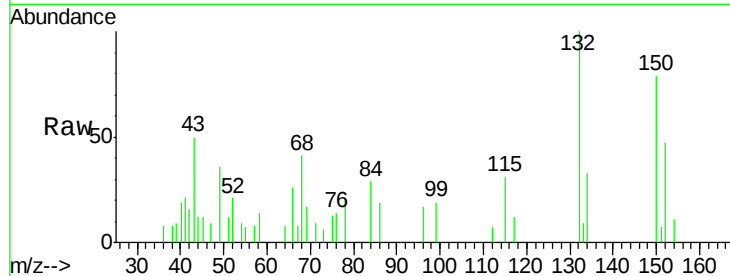




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.06 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.22 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

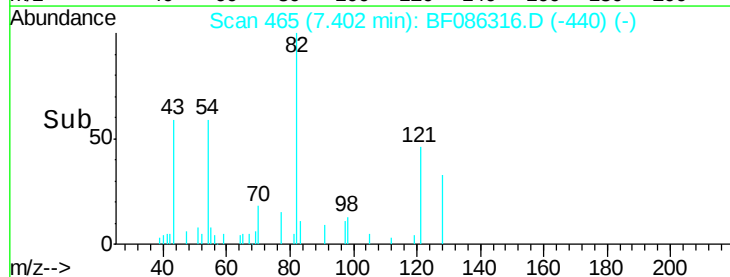
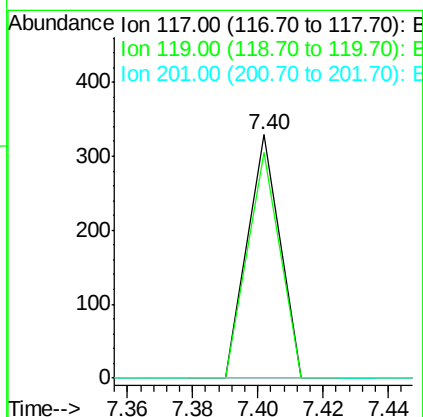
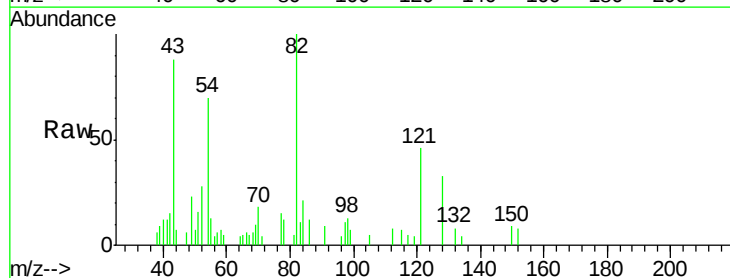
Instrument :
 BNA_F
 ClientSampled :
 MW-8

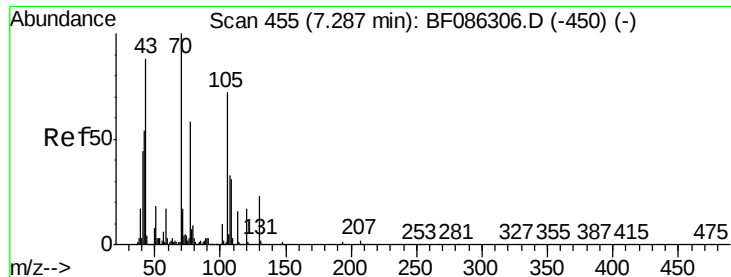
Tgt Ion: 45 Resp: 1519
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 33.7
 79 0.0 0.0 30.1



#18
 Hexachloroethane
 Concen: 0.04 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Tgt Ion: 117 Resp: 226
 Ion Ratio Lower Upper
 117 100
 119 92.7 78.2 117.4
 201 0.0 75.7 113.5#

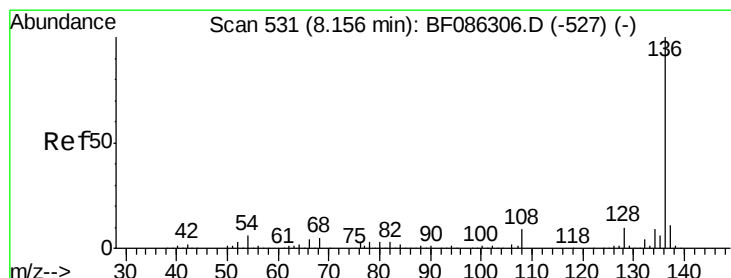
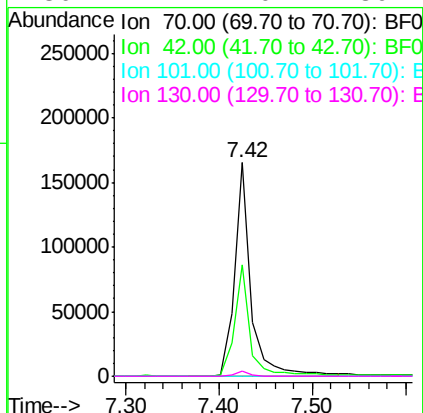
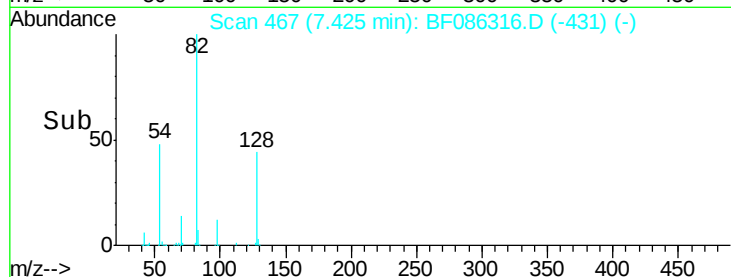
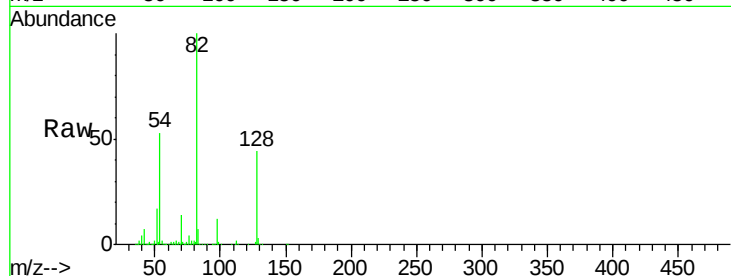




#19
n-Nitroso-di-n-propylamine
Concen: 17.12 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.11 min
Lab File: BF086316.D
Acq: 20 Apr 2016 18:45

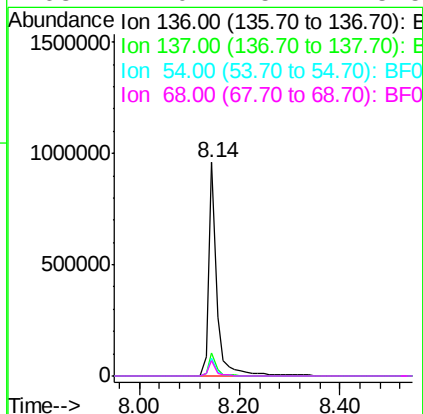
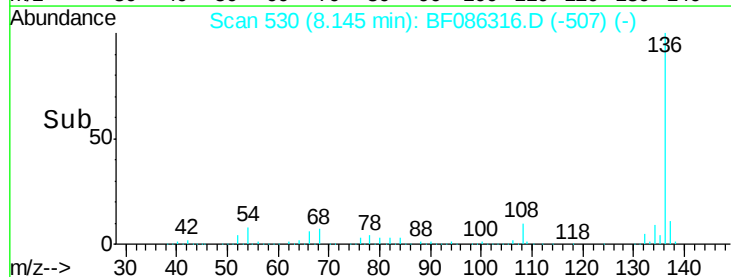
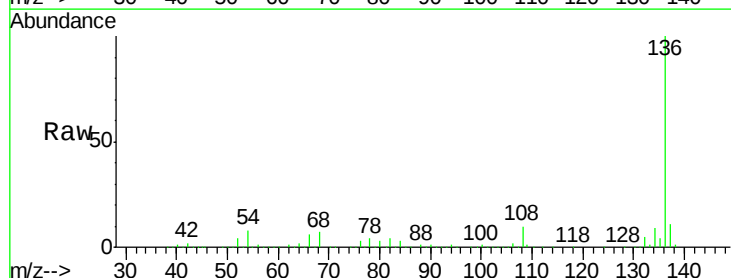
Instrument :
BNA_F
ClientSampleId :
MW-8

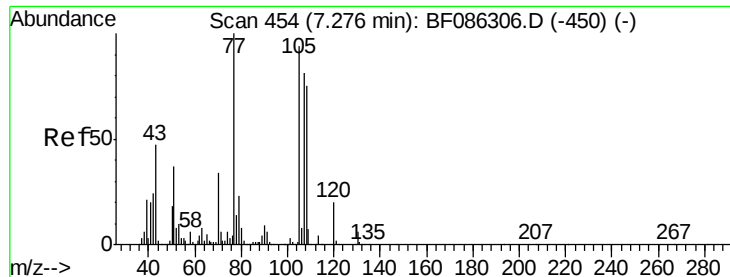
Tgt Ion:	70	Resp:	203209
Ion	Ratio	Lower	Upper
70	100		
42	51.9	43.0	64.4
101	0.0	8.1	12.1#
130	2.2	20.1	30.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF086316.D
Acq: 20 Apr 2016 18:45

Tgt Ion:	136	Resp:	1079128
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.3	7.3	10.9
68	7.0	5.7	8.5





#22

Acetophenone

Concen: 0.01 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

Tgt Ion:105 Resp: 245

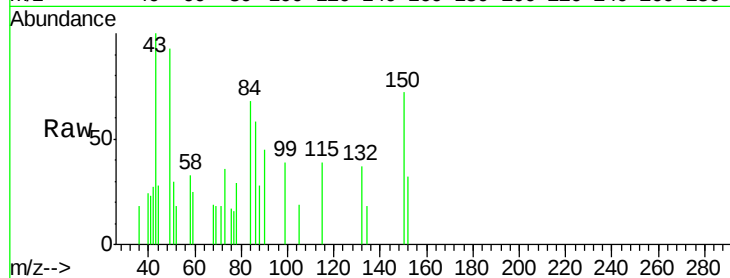
Ion Ratio Lower Upper

105 100

71 91.6 4.0 6.0#

51 153.1 22.0 33.0#

120 0.0 17.5 26.3#

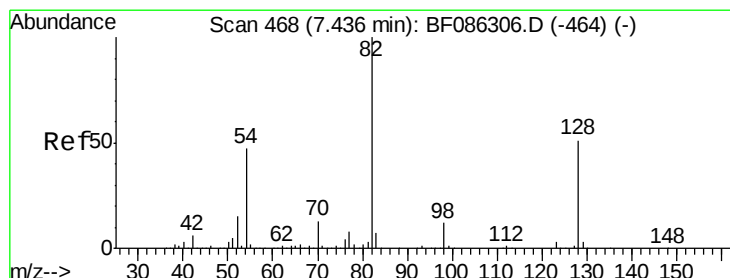
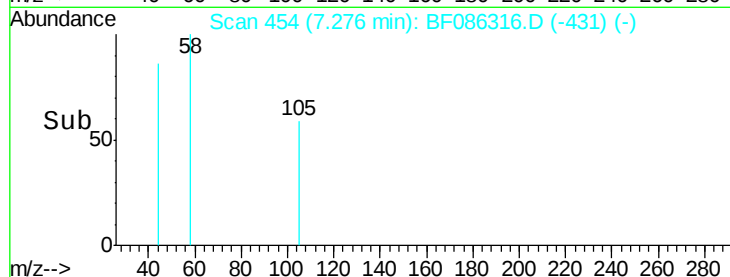
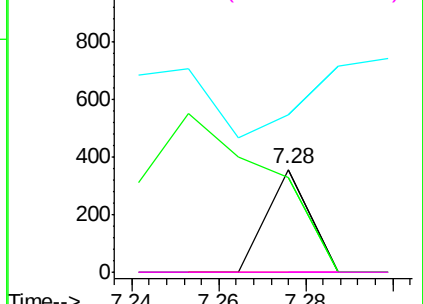


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 82.49 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

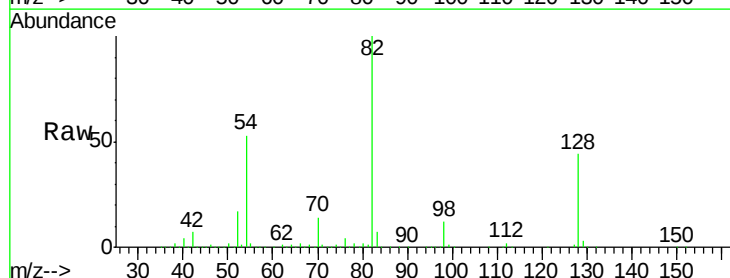
Tgt Ion: 82 Resp: 1554248

Ion Ratio Lower Upper

82 100

128 44.0 35.4 53.2

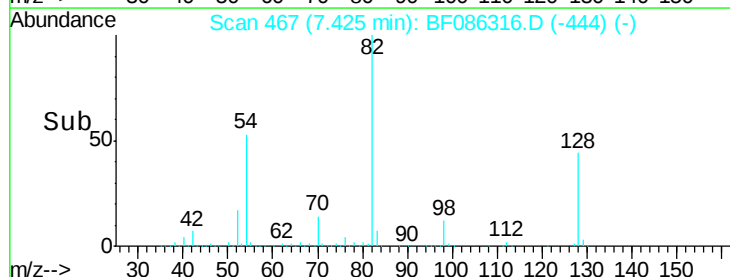
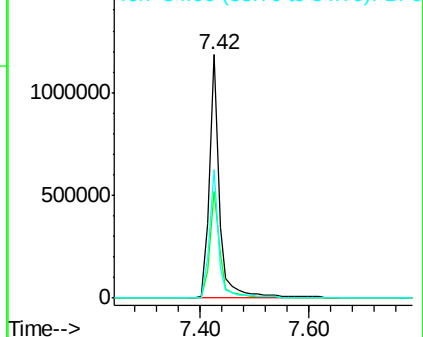
54 52.7 43.4 65.0

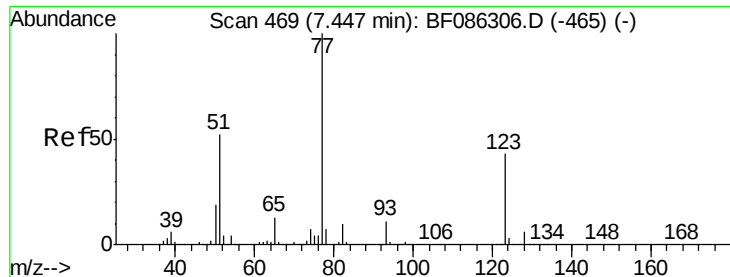


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.28 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.06 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampled :

MW-8

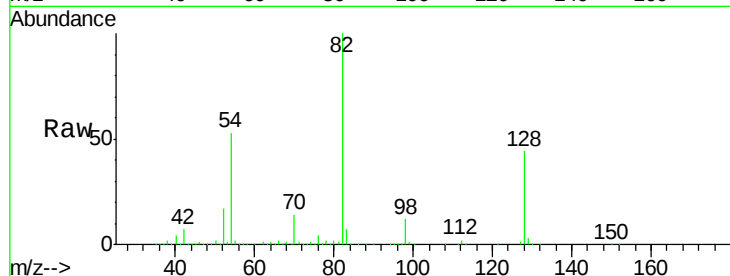
Tgt Ion: 77 Resp: 5677

Ion Ratio Lower Upper

77 100

123 0.0 38.3 57.5#

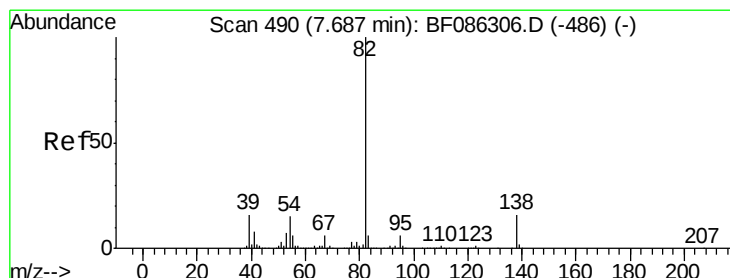
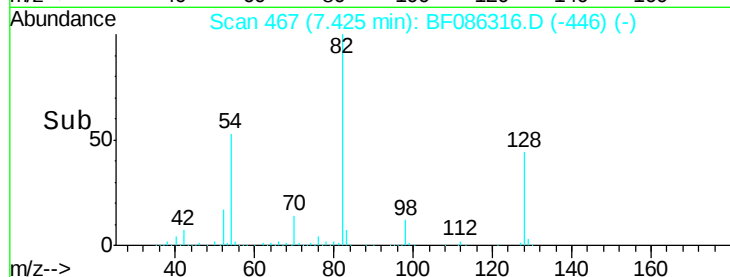
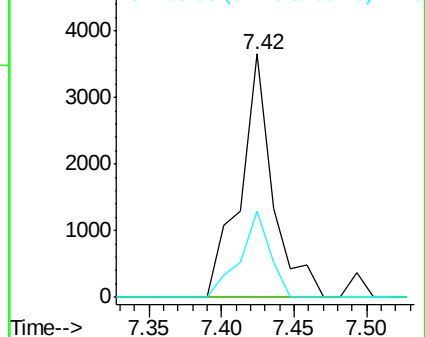
65 35.3 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 34.79 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.30 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

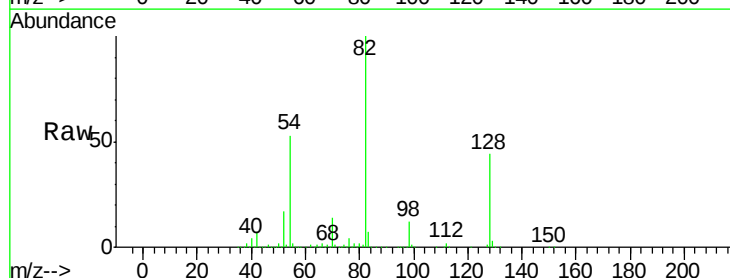
Tgt Ion: 82 Resp: 1241977

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

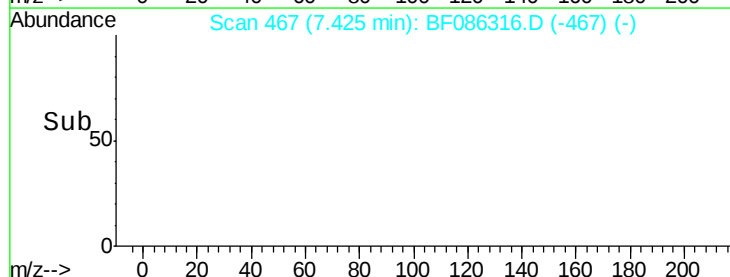
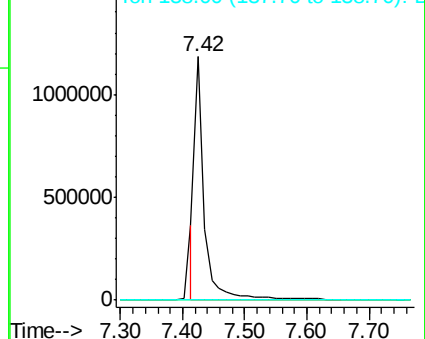
138 0.0 13.4 20.2#

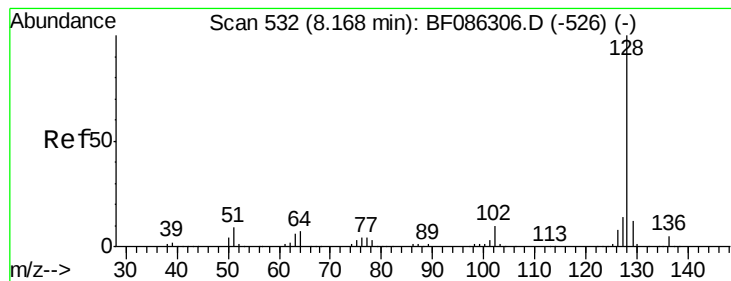


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 0.06 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampled :

MW-8

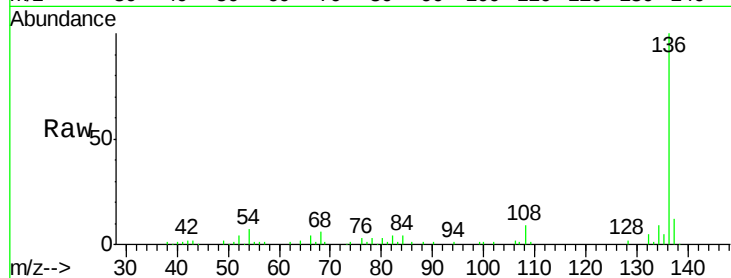
Tgt Ion:128 Resp: 2946

Ion Ratio Lower Upper

128 100

129 0.0 9.6 14.4#

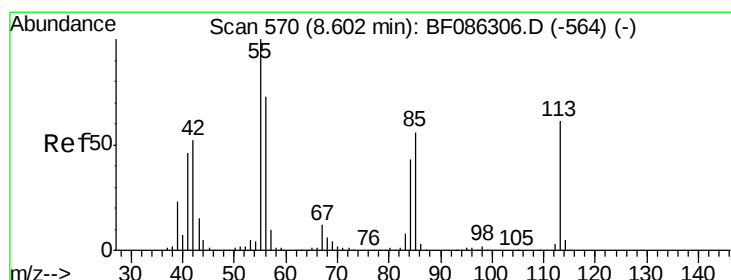
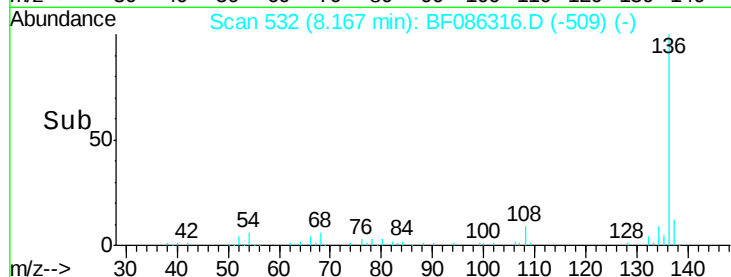
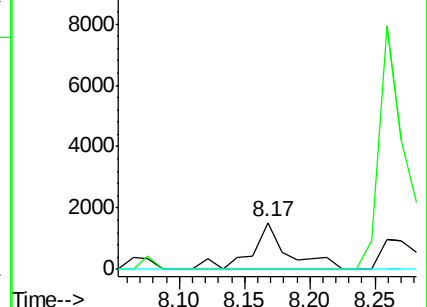
127 0.0 11.4 17.2#



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



#35

Caprolactam

Concen: 0.11 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.07 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

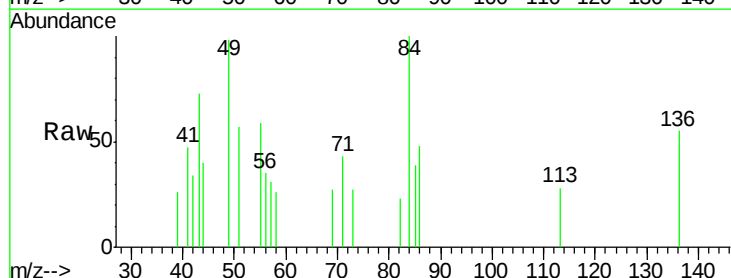
Tgt Ion:113 Resp: 494

Ion Ratio Lower Upper

113 100

55 209.6 117.5 157.5#

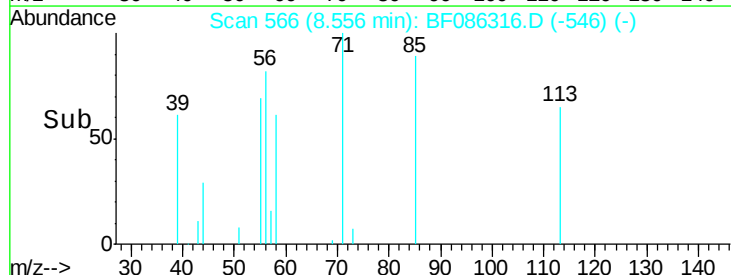
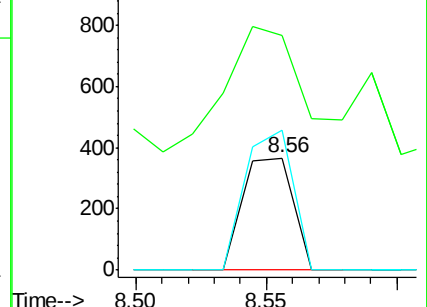
56 124.9 82.5 122.5#

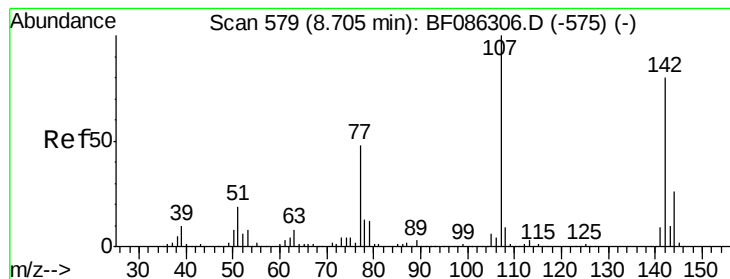


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

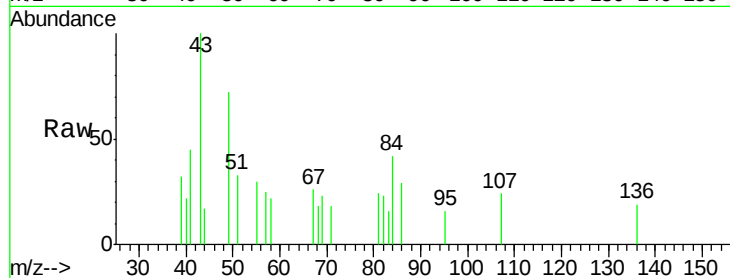




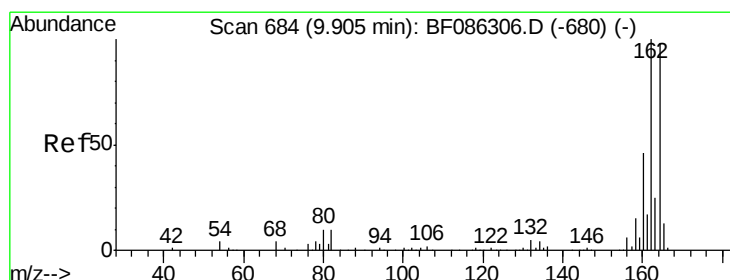
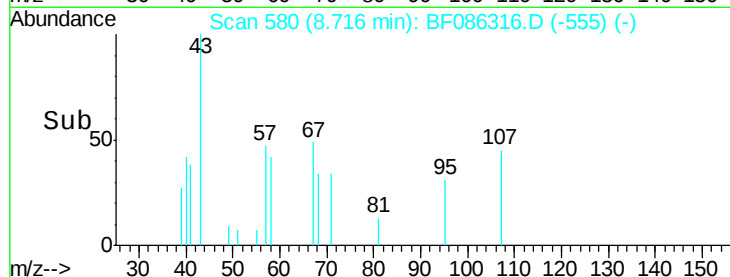
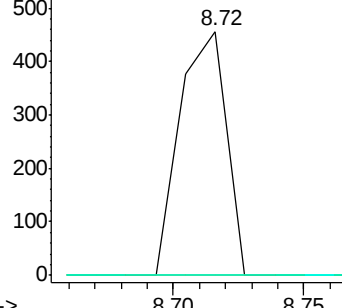
#36
 4-Chloro-3-methylphenol
 Concen: 0.04 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tgt Ion:107 Resp: 571
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.7 31.1#
 142 0.0 64.5 96.7#

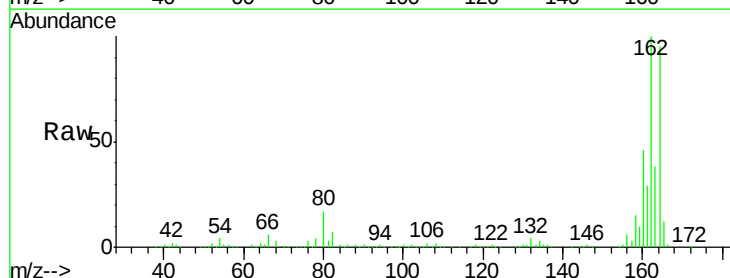


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

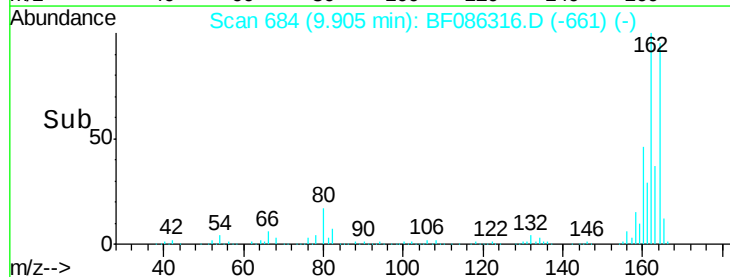
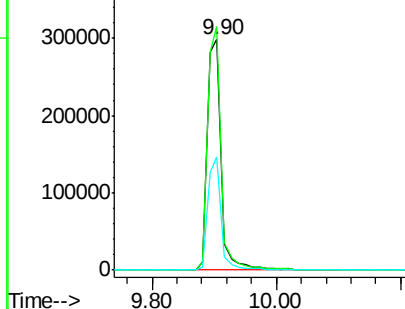


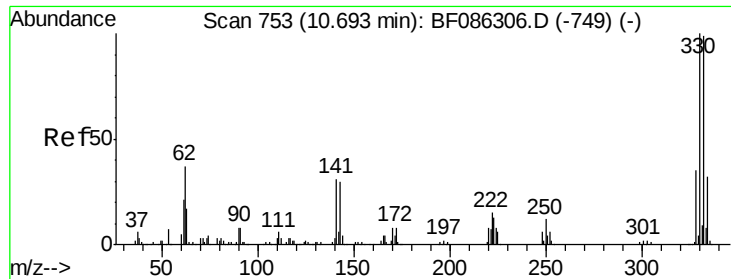
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Tgt Ion:164 Resp: 463079
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.8 124.2
 160 48.9 38.9 58.3



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

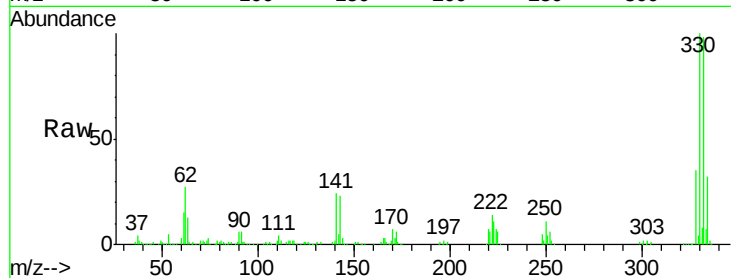




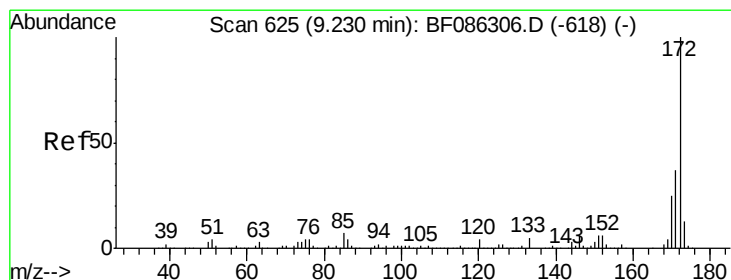
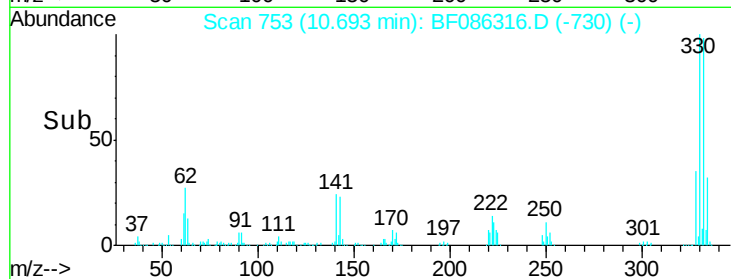
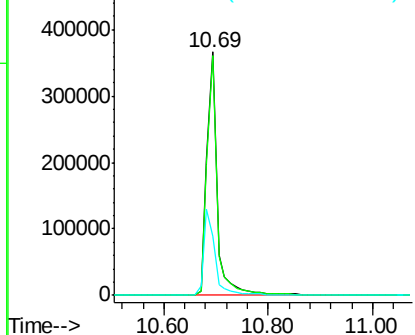
#41
 2,4,6-Tribromophenol
 Concen: 141.17 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tgt Ion:330 Resp: 509540
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.7 118.1
 141 38.3 28.6 42.8

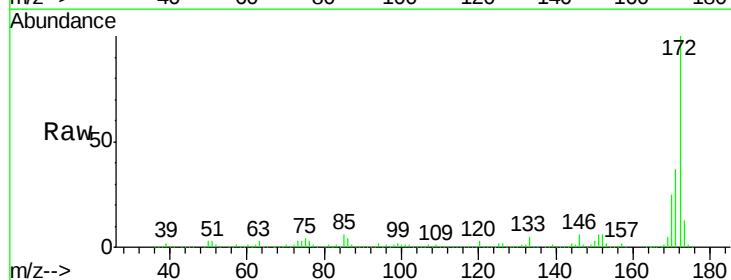


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

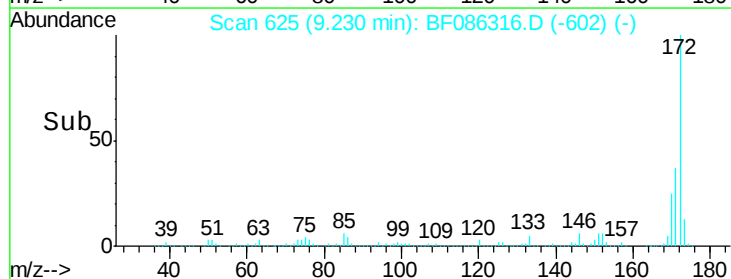
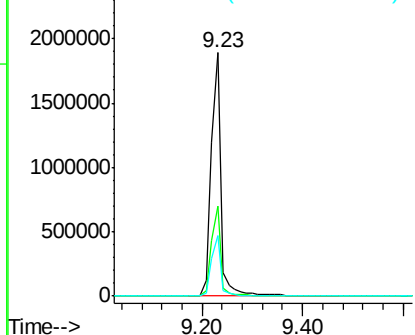


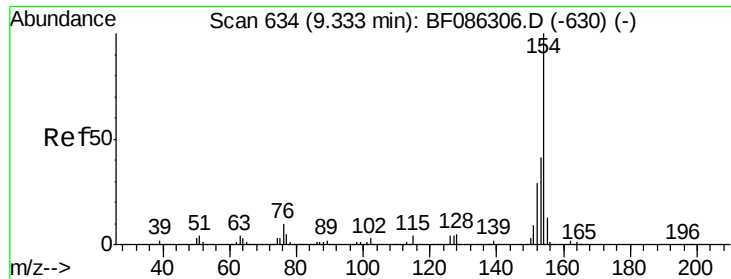
#44
 2-Fluorobiphenyl
 Concen: 112.45 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Tgt Ion:172 Resp: 2542541
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 24.9 19.9 29.9



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

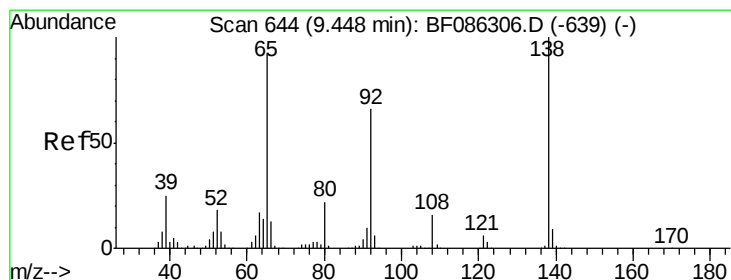
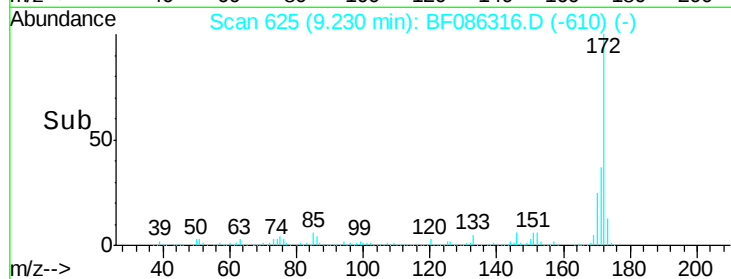
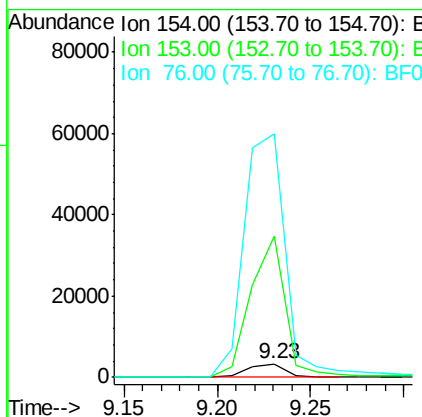
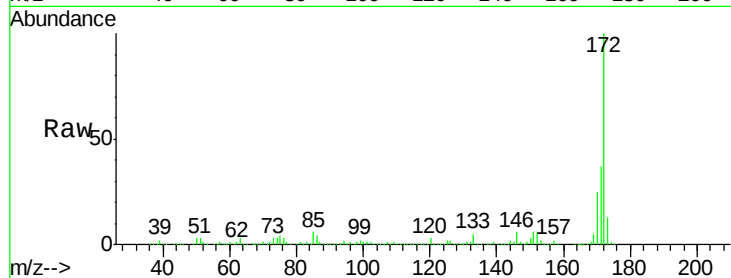




#45
 1,1'-Biphenyl
 Concen: 0.13 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.13 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

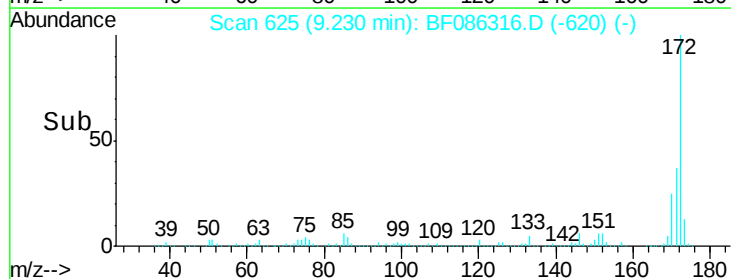
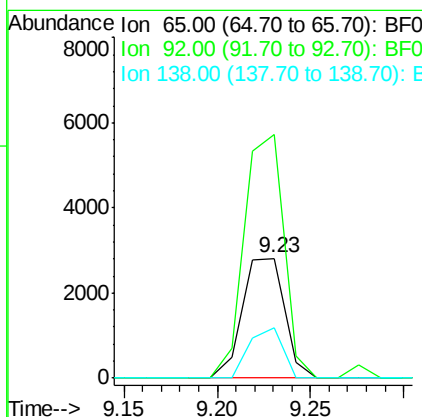
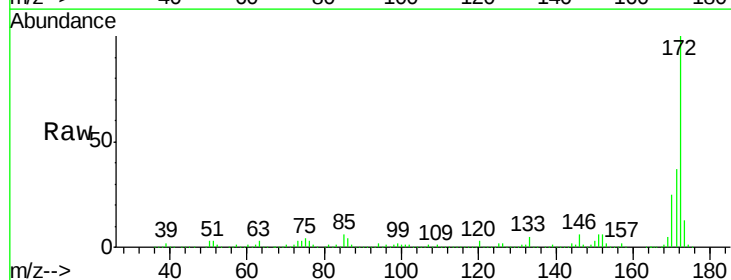
Instrument :
 BNA_F
 ClientSampleId :
 MW-8

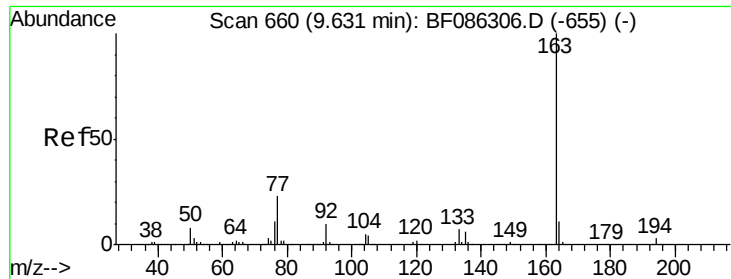
Tgt Ion: 154 Resp: 4636
 Ion Ratio Lower Upper
 154 100
 153 1023.0 21.3 61.3#
 76 1764.1 0.0 36.4#



#47
 2-Nitroaniline
 Concen: 0.47 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.24 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Tgt Ion: 65 Resp: 4426
 Ion Ratio Lower Upper
 65 100
 92 203.7 51.9 77.9#
 138 42.0 72.6 108.8#

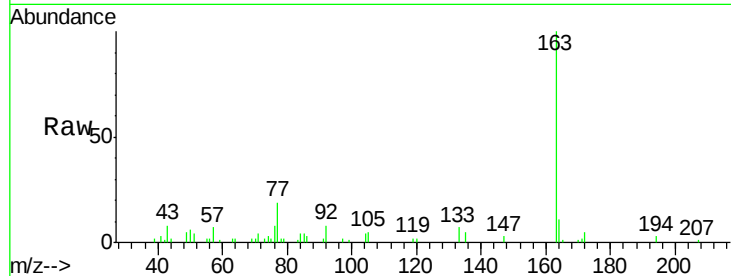




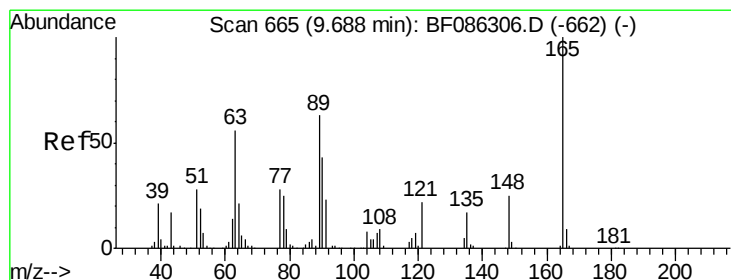
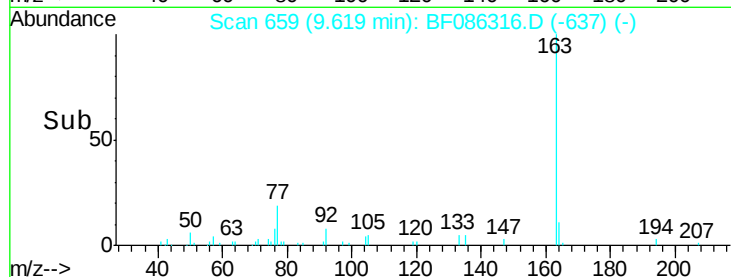
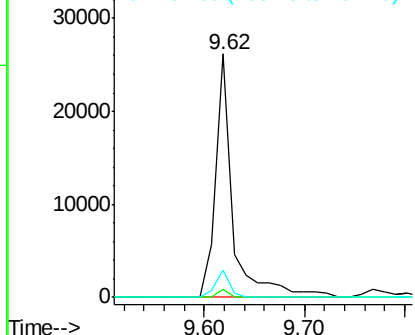
#49
Dimethylphthalate
Concen: 0.88 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF086316.D
Acq: 20 Apr 2016 18:45

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:163 Resp: 31088
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 11.0 8.4 12.6

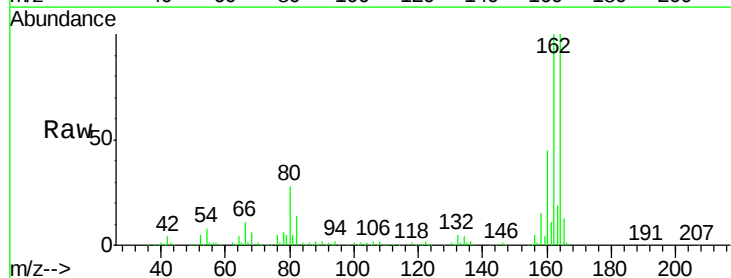


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

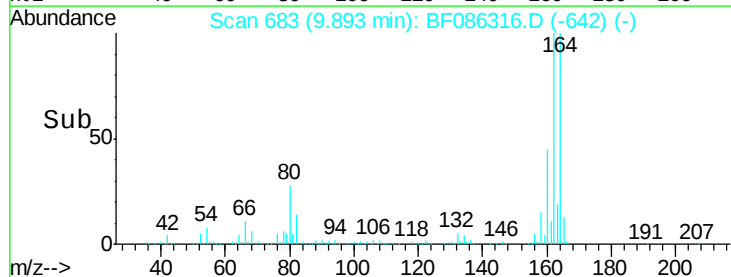
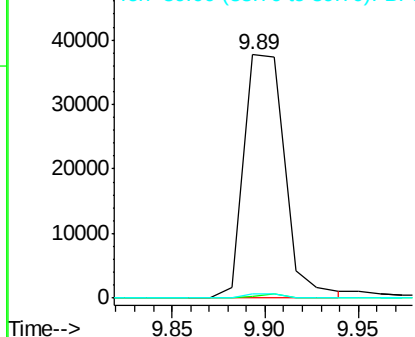


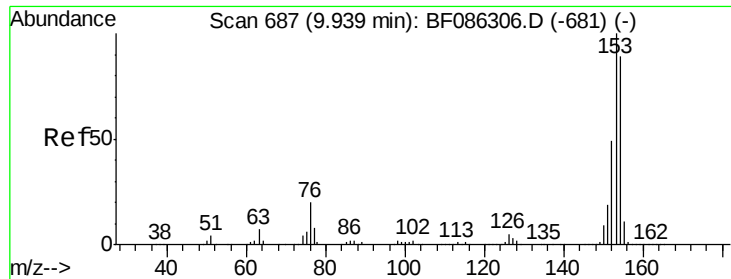
#50
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.17 min
Lab File: BF086316.D
Acq: 20 Apr 2016 18:45

Tgt Ion:165 Resp: 57185
Ion Ratio Lower Upper
165 100
63 0.9 35.1 52.7#
89 1.7 39.8 59.6#



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





#51

Acenaphthene

Concen: 0.07 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

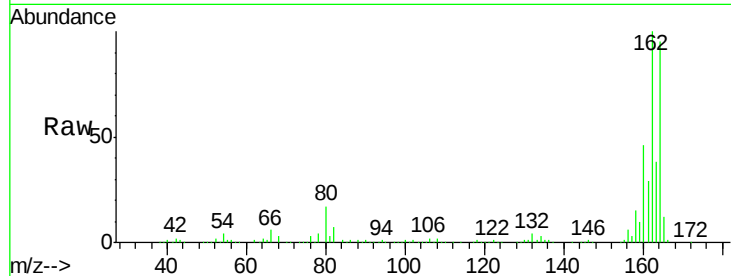
Tgt Ion:154 Resp: 1885

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

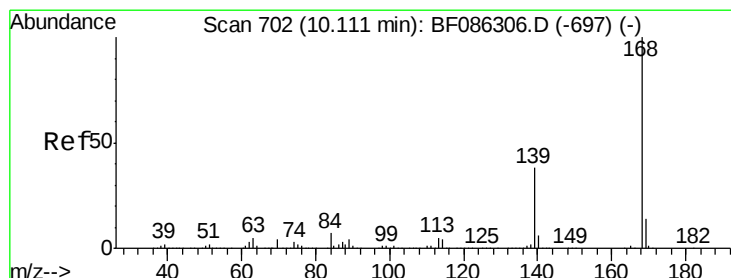
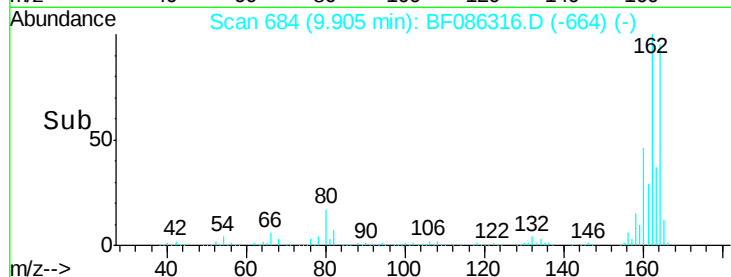
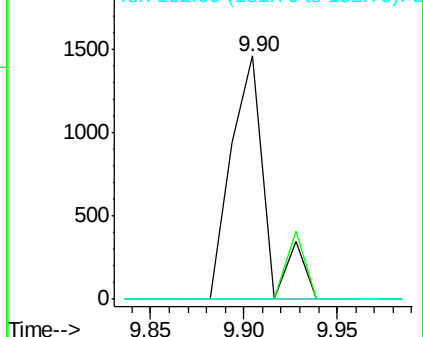
152 0.0 44.3 66.5#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.03 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

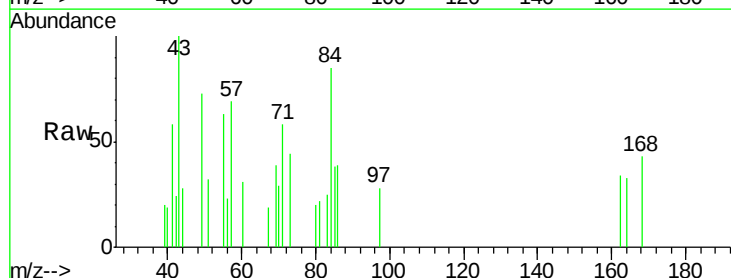
Tgt Ion:168 Resp: 1085

Ion Ratio Lower Upper

168 100

139 0.0 29.5 44.3#

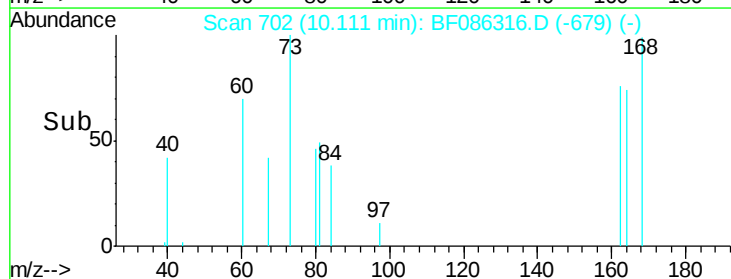
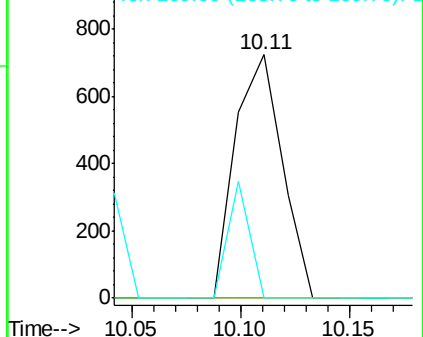
169 0.0 10.6 16.0#

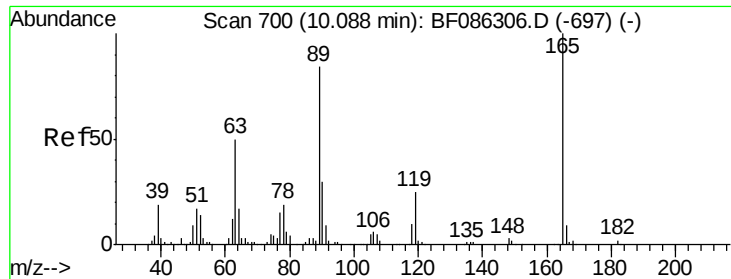


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

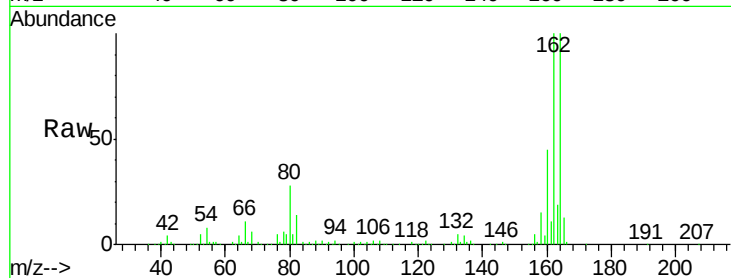




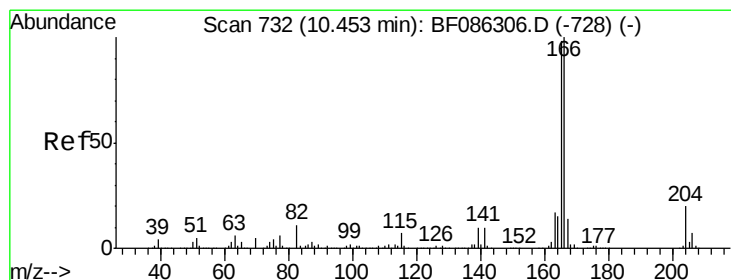
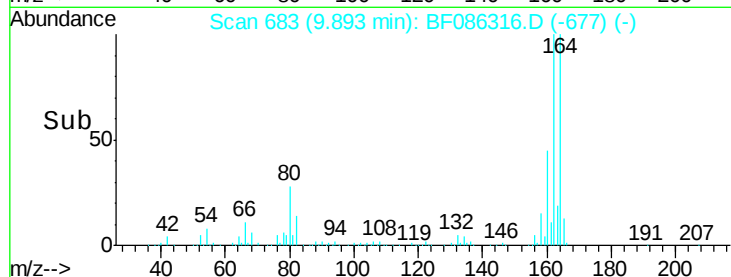
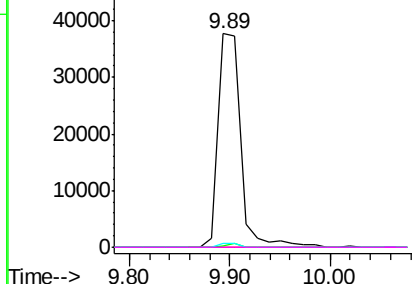
#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.23 min
Lab File: BF086316.D
Acq: 20 Apr 2016 18:45

Instrument :
BNA_F
ClientSampleId :
MW-8

Tgt Ion:165 Resp: 58973
Ion Ratio Lower Upper
165 100
63 0.9 26.6 40.0#
89 1.7 49.5 74.3#
182 0.0 1.9 2.9#

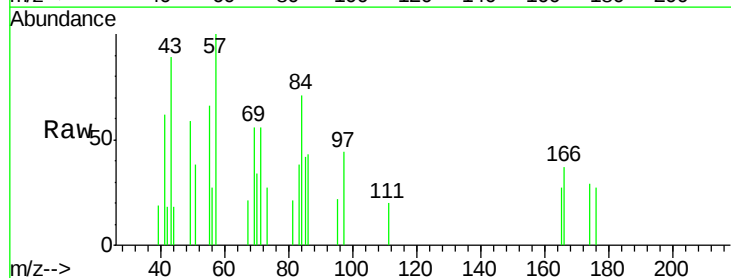


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

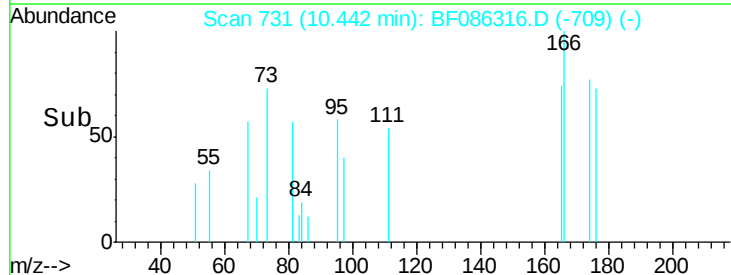
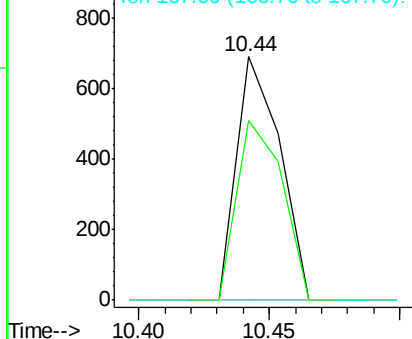


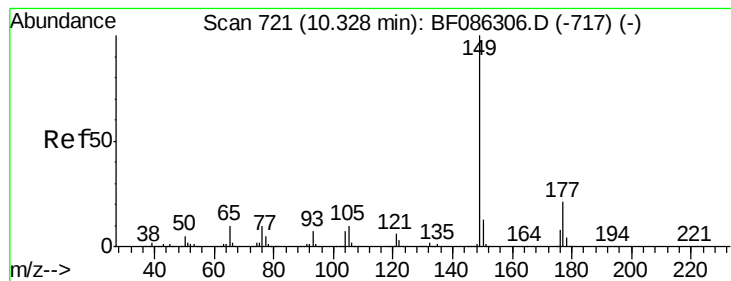
#57
Fluorene
Concen: 0.03 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF086316.D
Acq: 20 Apr 2016 18:45

Tgt Ion:166 Resp: 797
Ion Ratio Lower Upper
166 100
165 73.8 78.6 117.8#
167 0.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.28 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

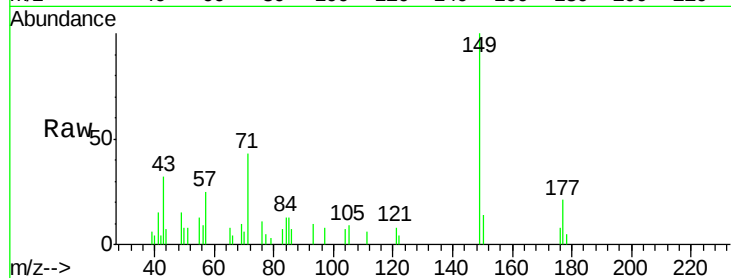
Tgt Ion: 149 Resp: 9755

Ion Ratio Lower Upper

149 100

177 20.8 17.0 25.6

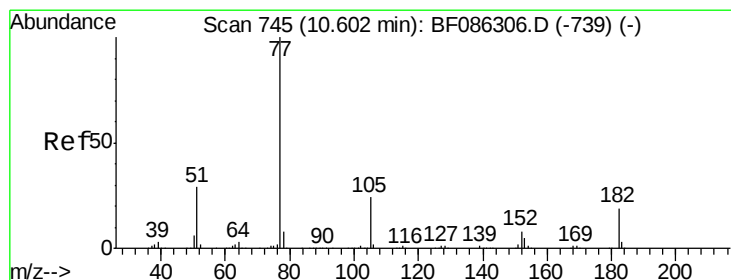
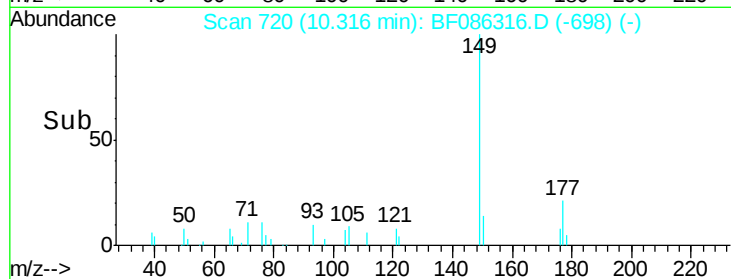
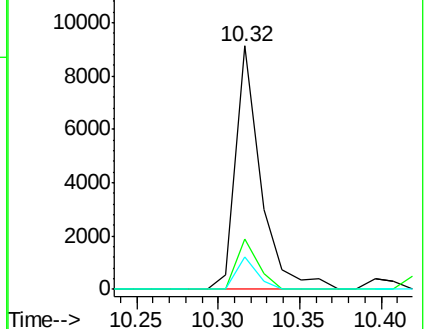
150 13.6 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.03 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Tgt Ion: 77 Resp: 1090

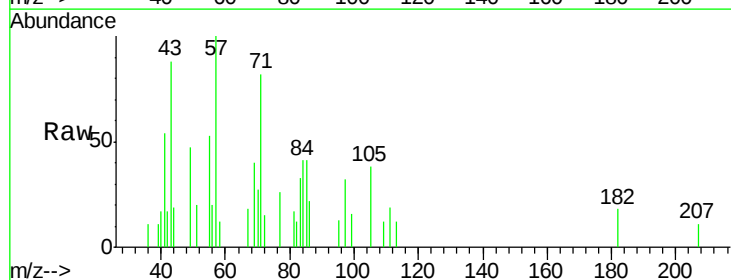
Ion Ratio Lower Upper

77 100

182 69.8 2.3 42.3#

105 147.0 3.4 43.4#

51 77.3 11.7 51.7#

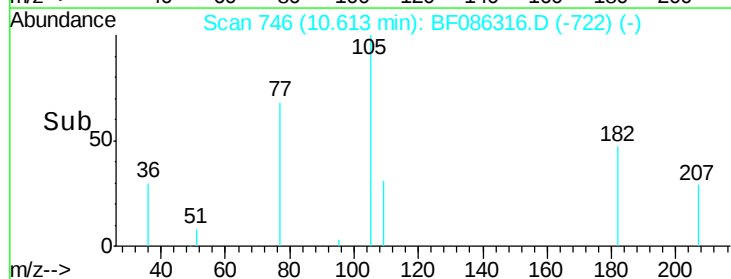
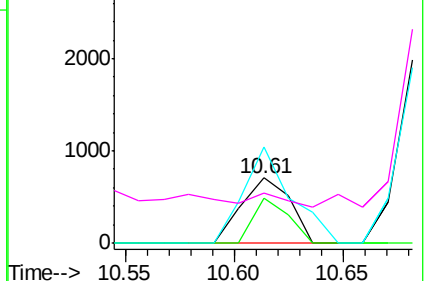


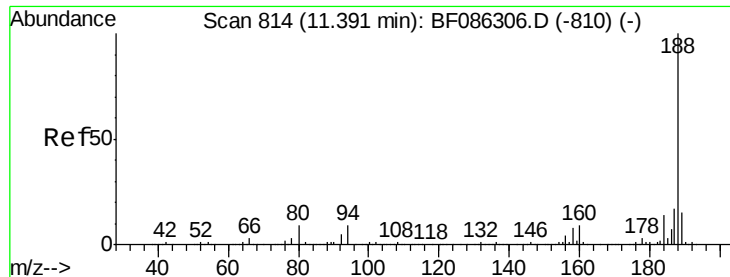
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

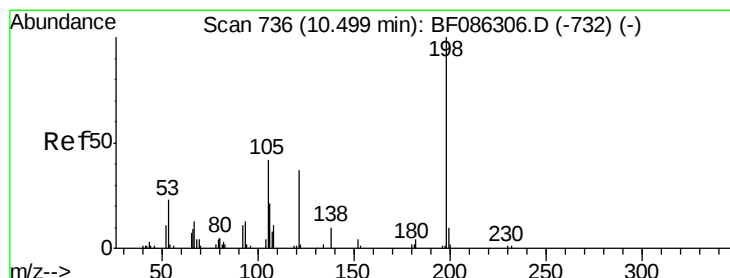
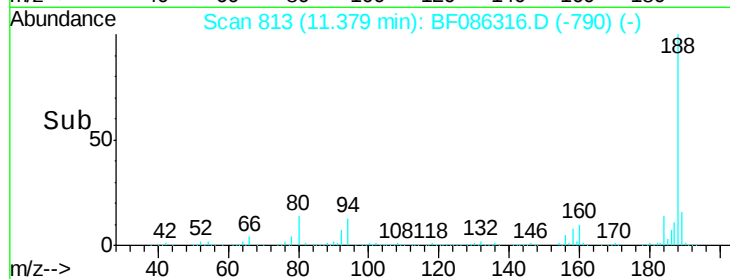
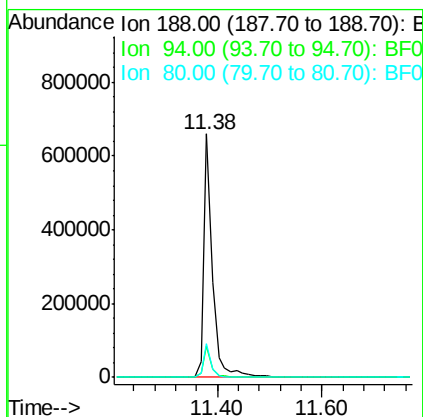
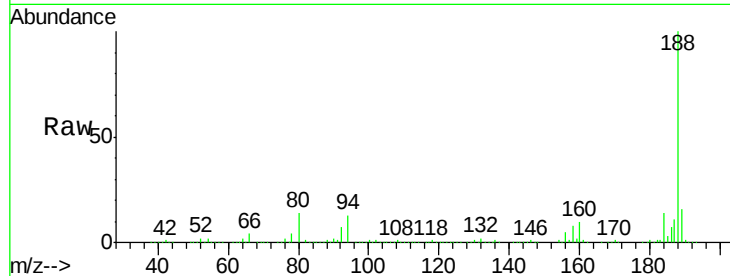




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

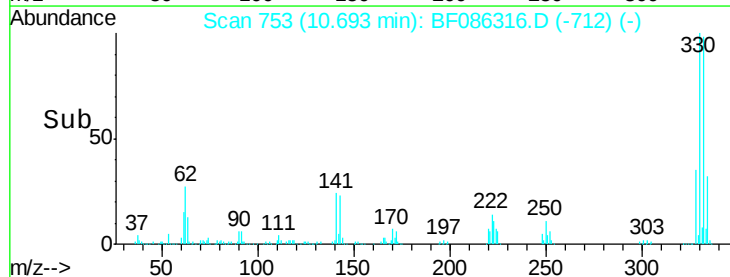
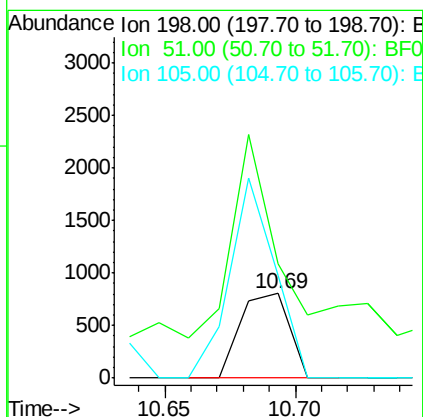
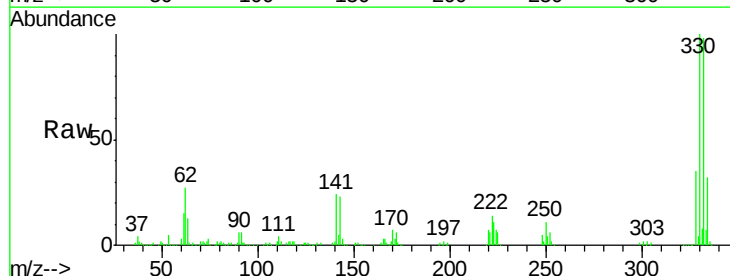
Instrument :
 BNA_F
 ClientSampled :
 MW-8

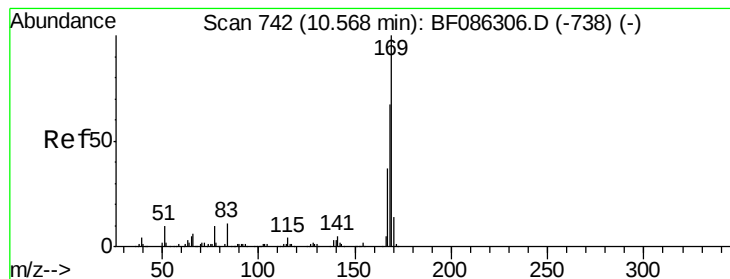
Tgt Ion:188 Resp: 768545
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.8 14.8
 80 13.7 10.5 15.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.44 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.17 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Tgt Ion:198 Resp: 1057
 Ion Ratio Lower Upper
 198 100
 51 135.6 56.5 96.5#
 105 121.7 48.0 88.0#





#65

n-Nitrosodiphenylamine

Concen: 0.64 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.09 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampled :

MW-8

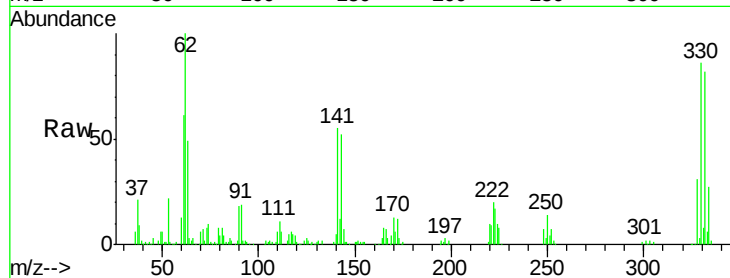
Tgt Ion:169 Resp: 16268

Ion Ratio Lower Upper

169 100

168 9.1 54.3 81.5#

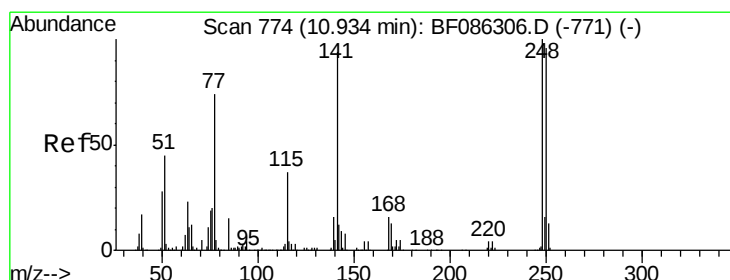
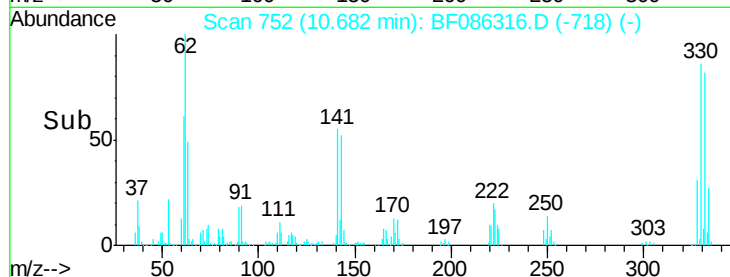
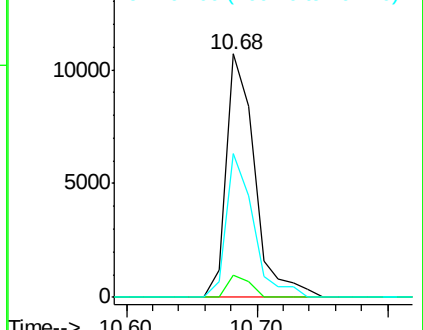
167 58.9 30.2 45.2#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.75 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.27 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

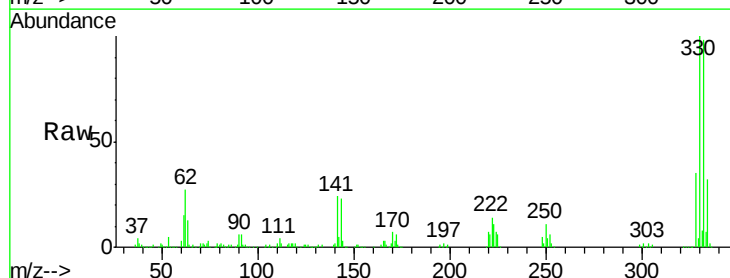
Tgt Ion:248 Resp: 30944

Ion Ratio Lower Upper

248 100

250 201.8 78.6 118.0#

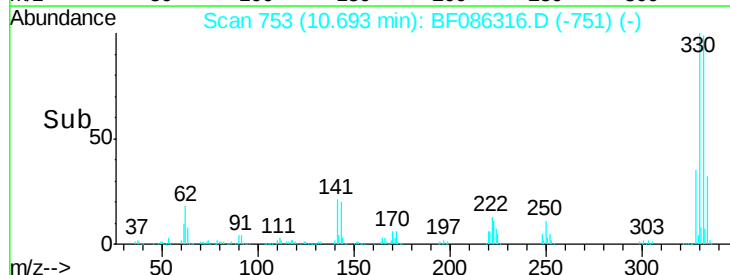
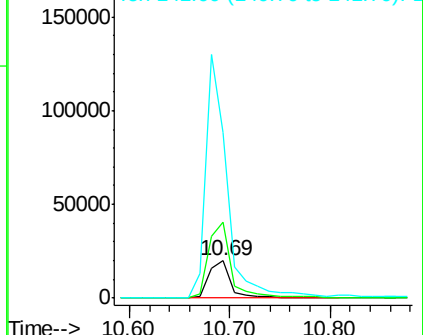
141 442.7 57.9 86.9#

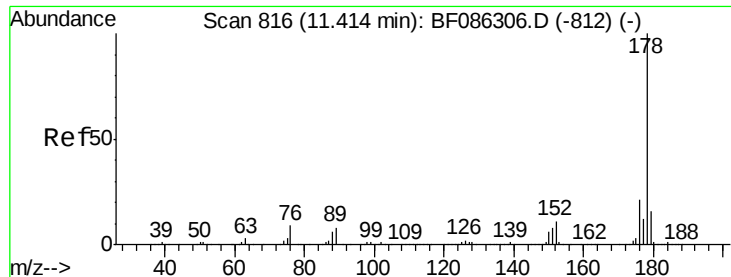


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.12 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

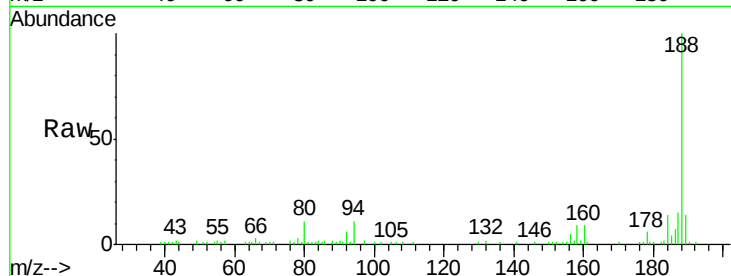
Tgt Ion:178 Resp: 4356

Ion Ratio Lower Upper

178 100

176 16.8 16.3 24.5

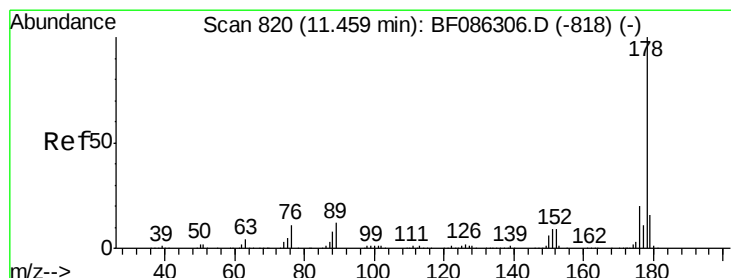
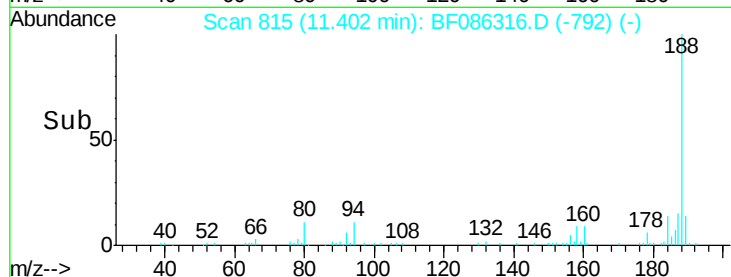
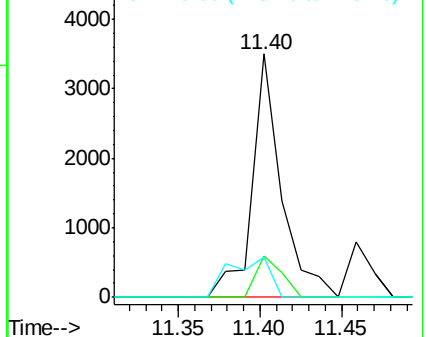
179 16.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.11 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.09 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

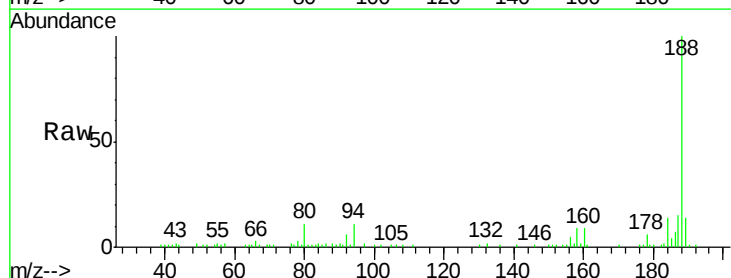
Tgt Ion:178 Resp: 4356

Ion Ratio Lower Upper

178 100

176 16.8 16.2 24.4

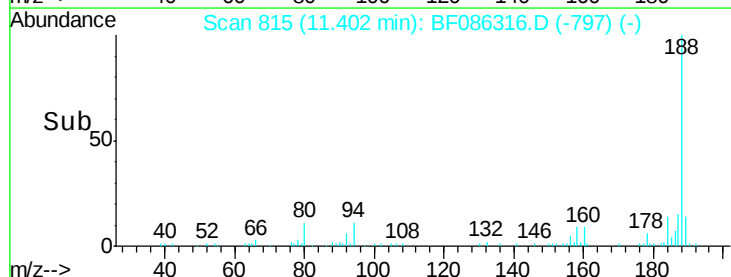
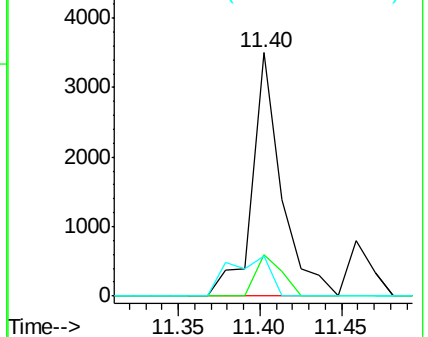
179 16.4 13.2 19.8

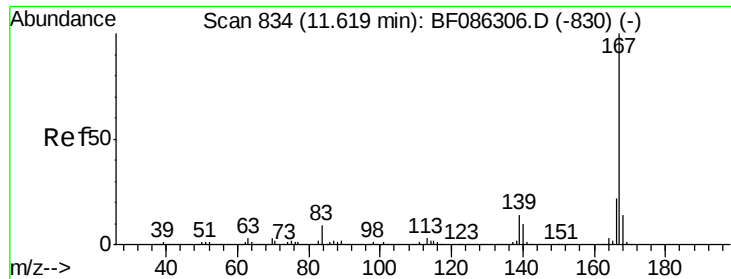


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.03 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

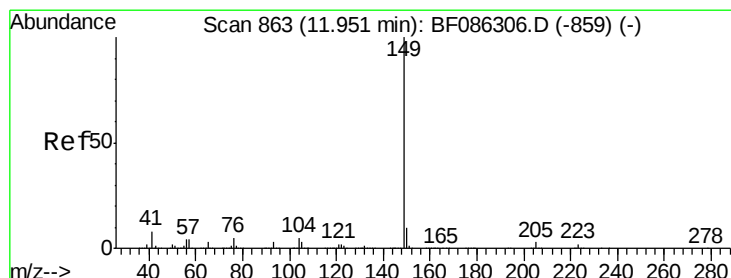
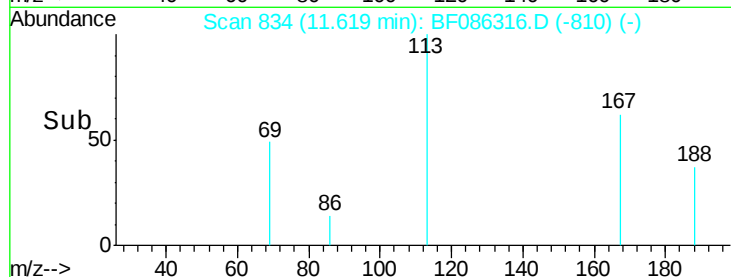
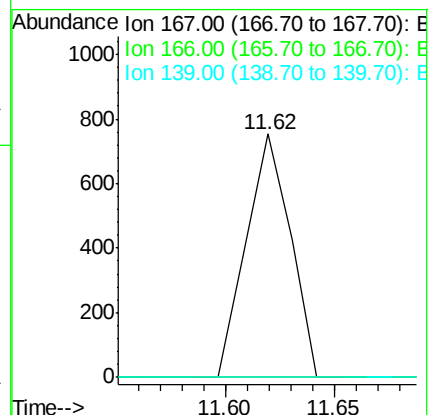
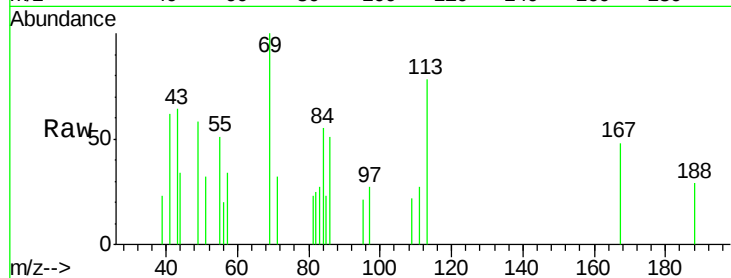
Tgt Ion:167 Resp: 1060

Ion Ratio Lower Upper

167 100

166 0.0 18.3 27.5#

139 0.0 12.3 18.5#



#73

Di-n-butylphthalate

Concen: 0.25 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

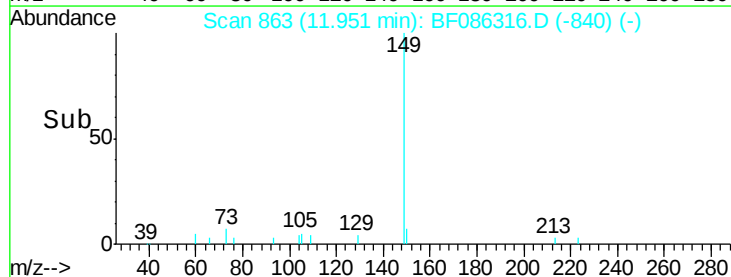
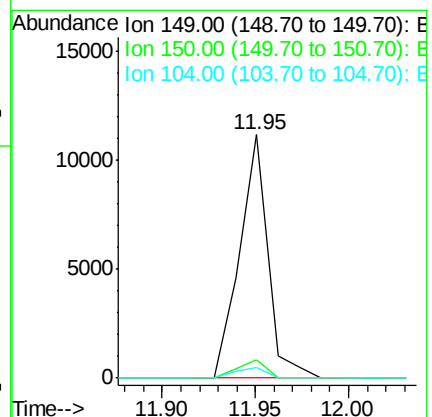
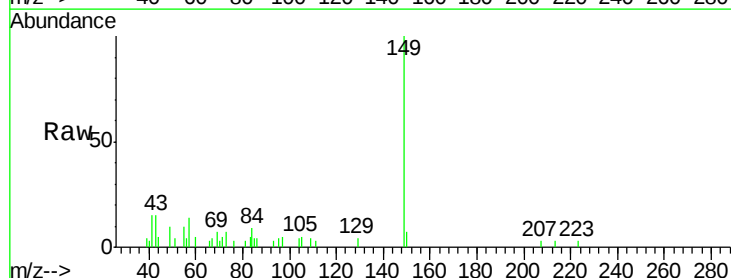
Tgt Ion:149 Resp: 11864

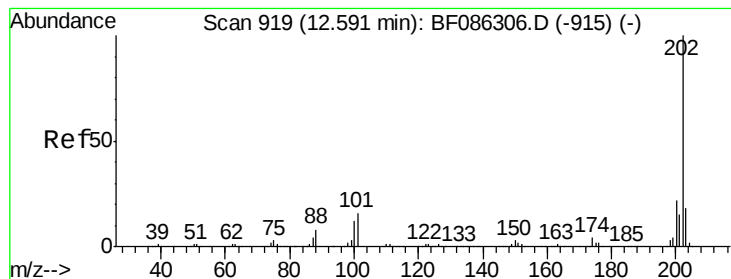
Ion Ratio Lower Upper

149 100

150 7.5 7.8 11.8#

104 4.2 4.1 6.1





#74

Fluoranthene

Concen: 0.04 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampled :

MW-8

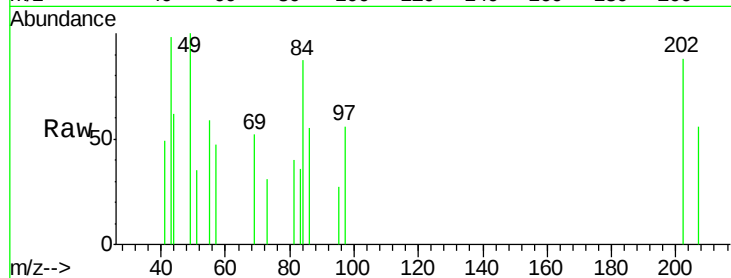
Tgt Ion: 202 Resp: 1235

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.2

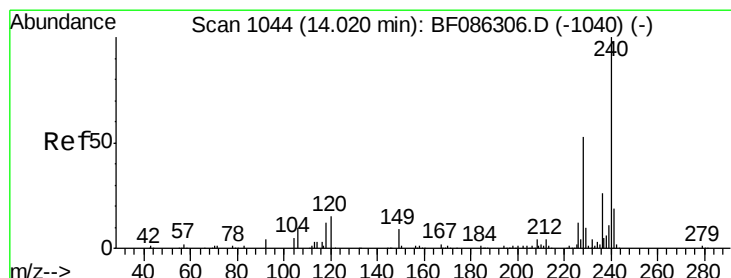
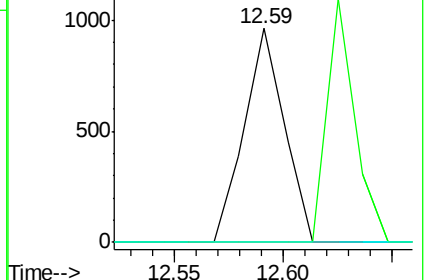
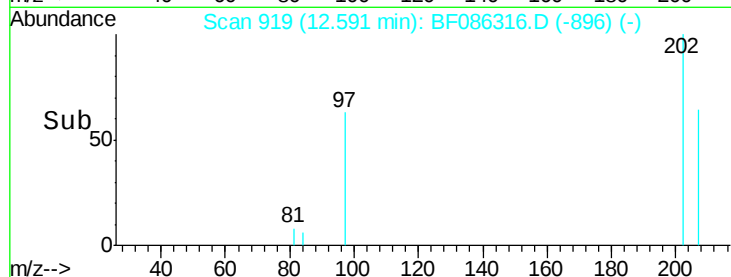
203 0.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

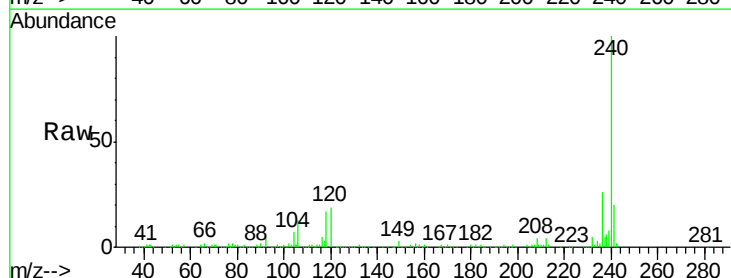
Tgt Ion: 240 Resp: 467266

Ion Ratio Lower Upper

240 100

120 19.1 9.3 13.9#

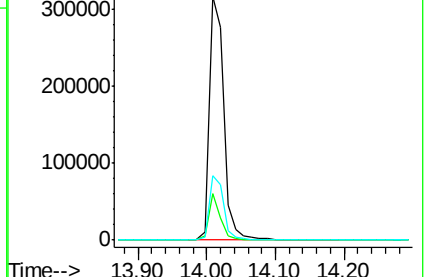
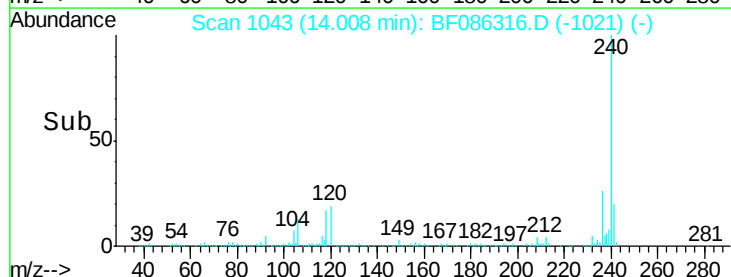
236 26.5 21.1 31.7

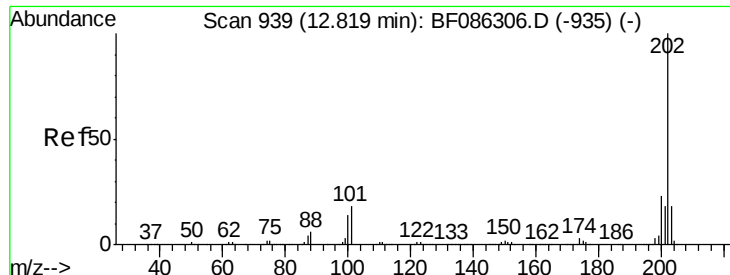


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

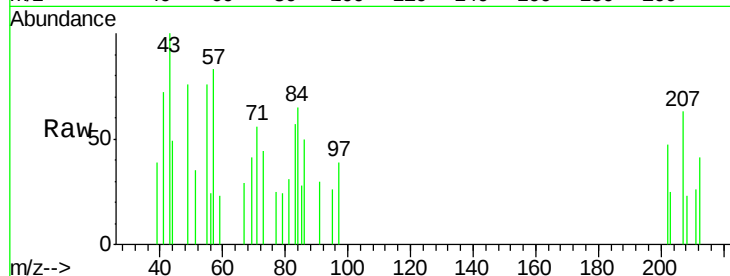




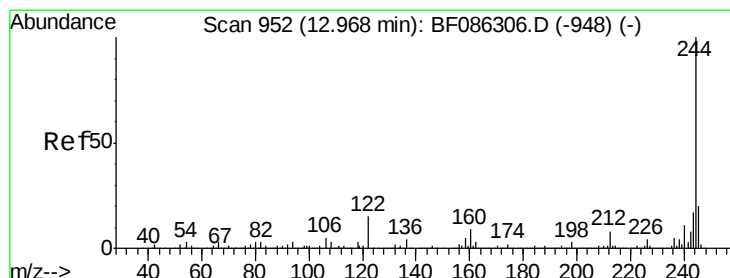
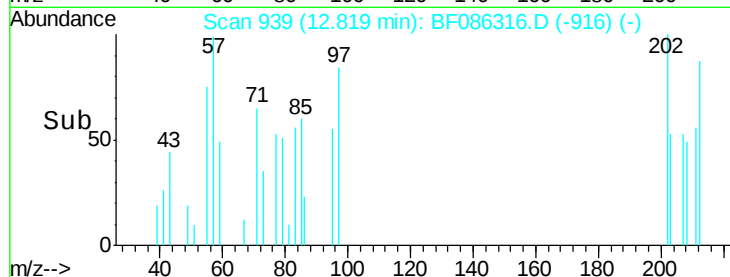
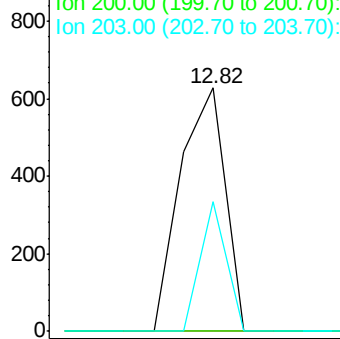
#77
 Pyrene
 Concen: 0.02 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Tgt Ion: 202 Resp: 748
 Ion Ratio Lower Upper
 202 100
 200 0.0 18.3 27.5#
 203 53.3 14.9 22.3#

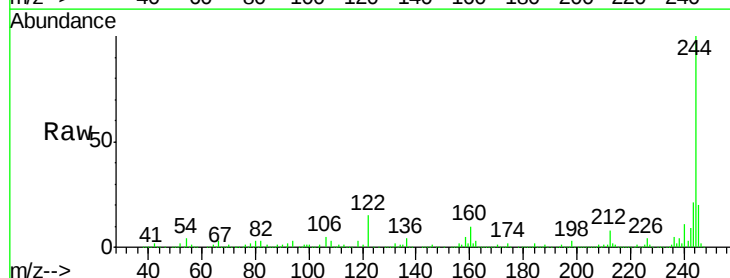


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

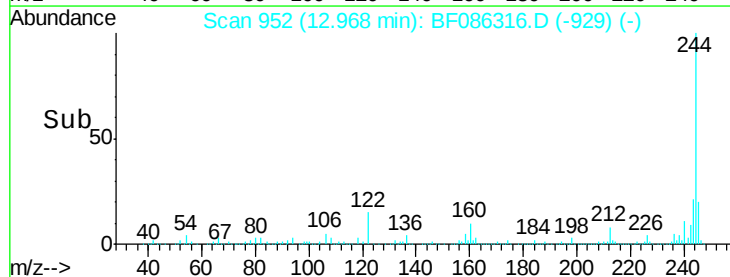
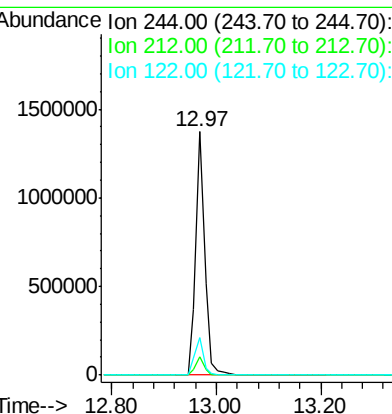


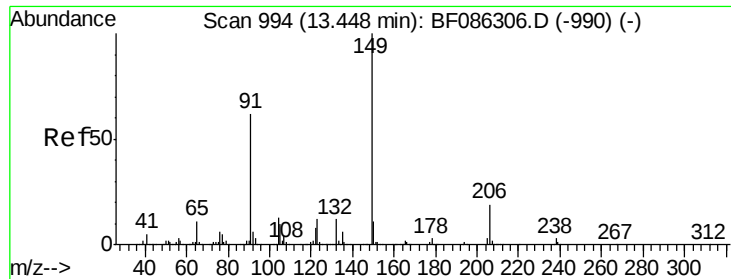
#78
 Terphenyl-d14
 Concen: 83.79 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086316.D
 Acq: 20 Apr 2016 18:45

Tgt Ion: 244 Resp: 1644743
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 15.5 11.7 17.5



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





#79

Butylbenzylphthalate

Concen: 0.04 ng

RT: 13.44 min Scan# 993

Delta R.T. -0.05 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

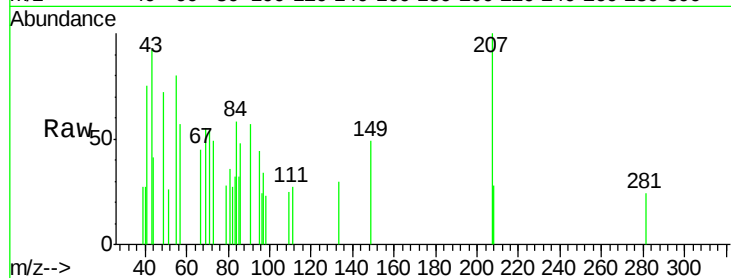
Tgt Ion:149 Resp: 773

Ion Ratio Lower Upper

149 100

91 115.7 48.7 73.1#

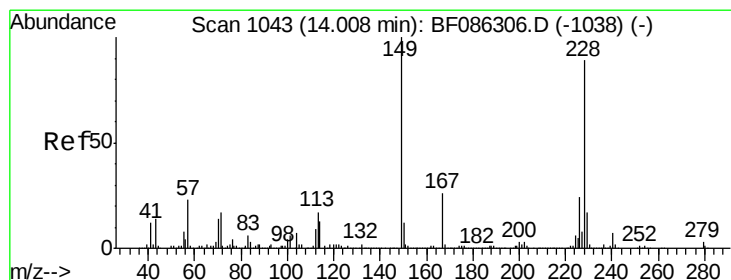
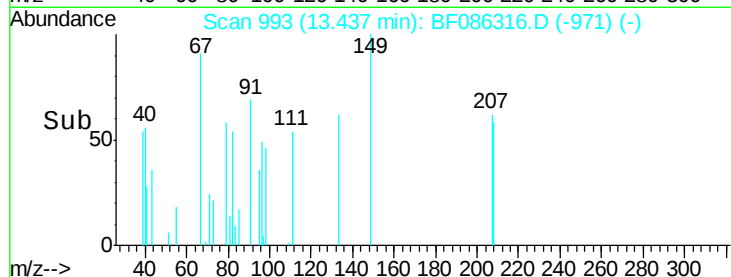
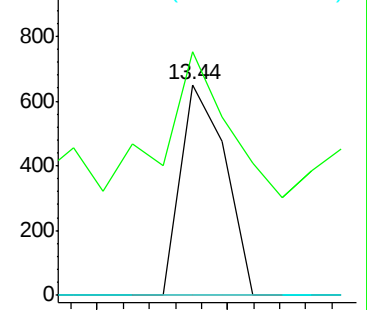
206 0.0 15.7 23.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.10 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

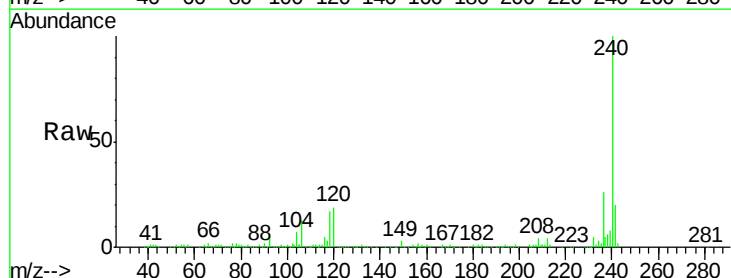
Tgt Ion:228 Resp: 2361

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

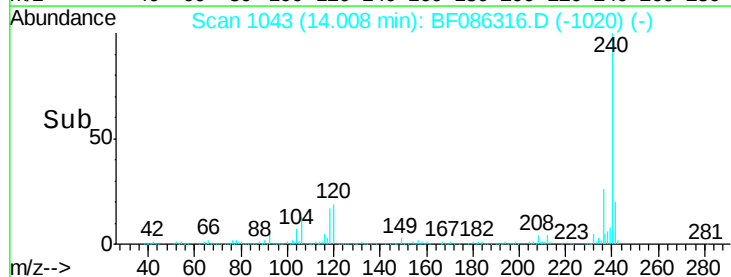
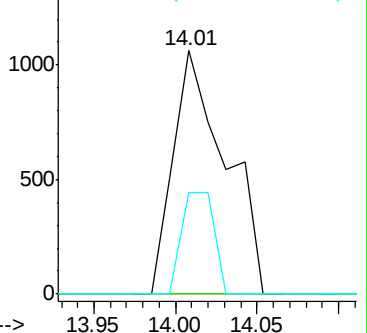
229 41.5 16.2 24.2#

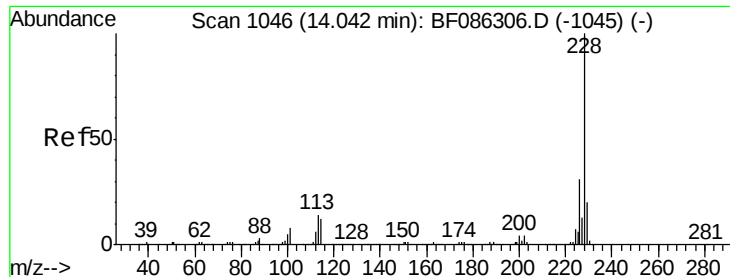


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.09 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.07 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

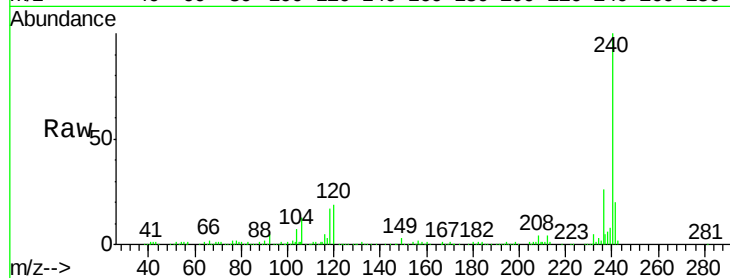
Tgt Ion:228 Resp: 2361

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.2#

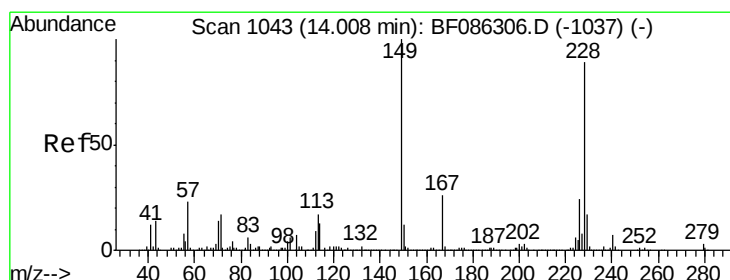
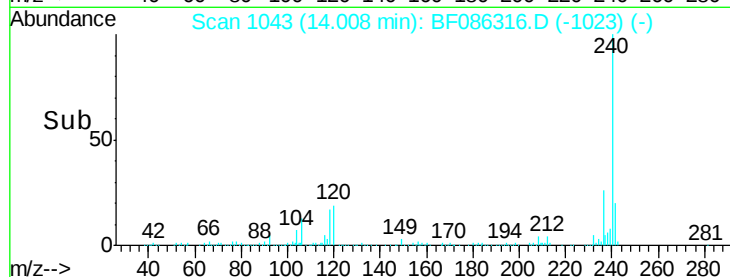
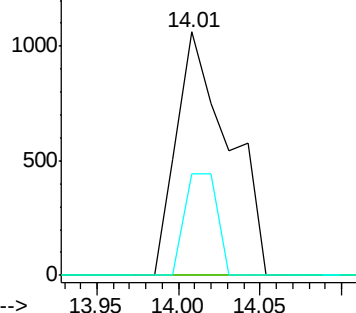
229 41.5 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.57 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

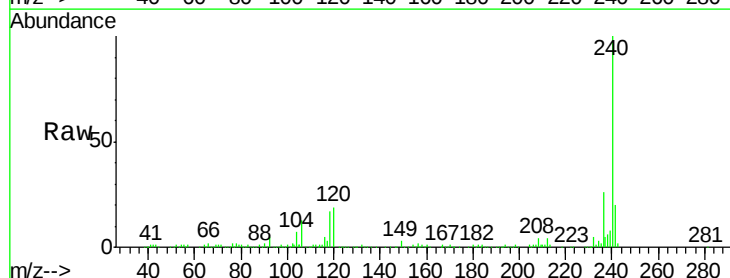
Tgt Ion:149 Resp: 12314

Ion Ratio Lower Upper

149 100

167 31.5 21.0 31.4#

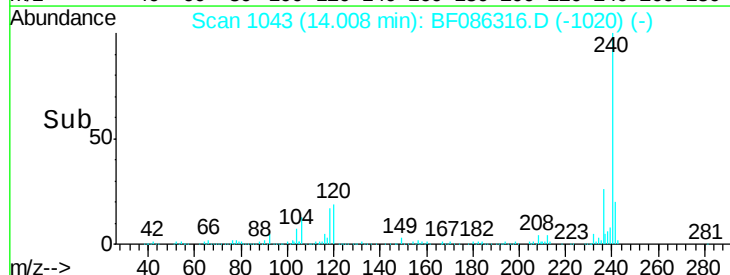
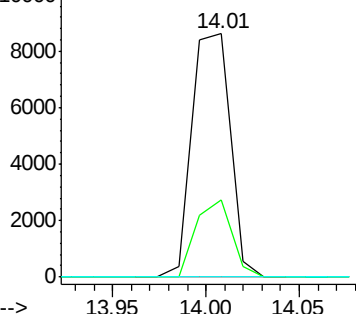
279 0.0 2.4 3.6#

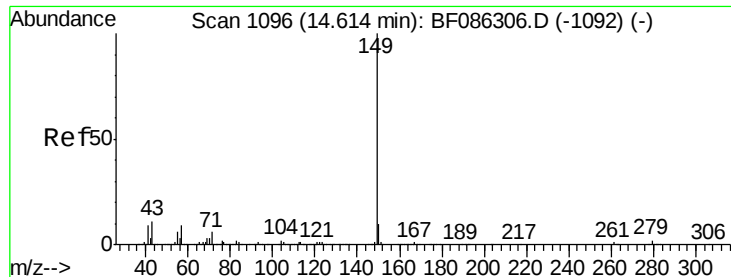


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.06 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8

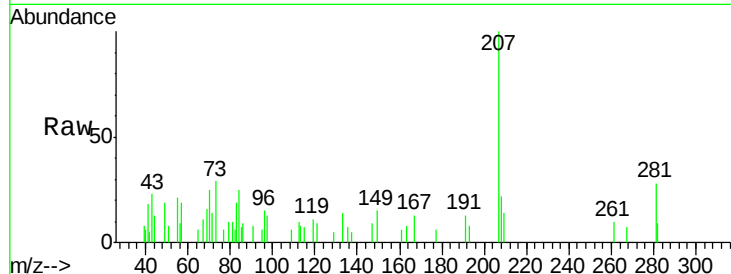
Tgt Ion:149 Resp: 2306

Ion Ratio Lower Upper

149 100

167 21.1 1.1 1.7#

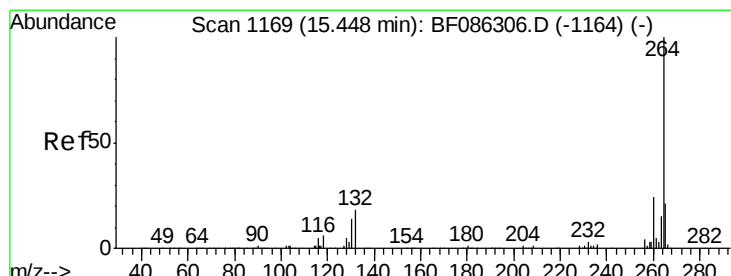
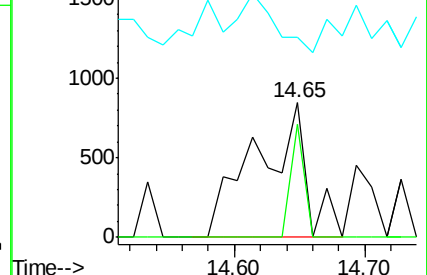
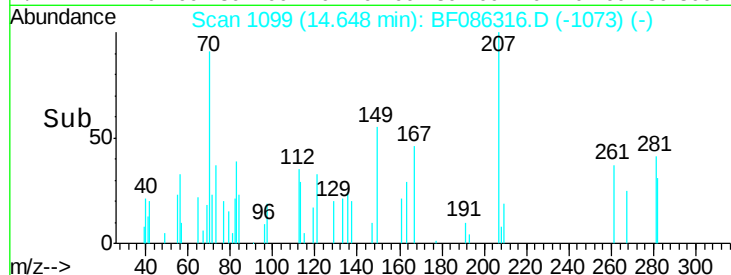
43 0.0 9.1 13.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

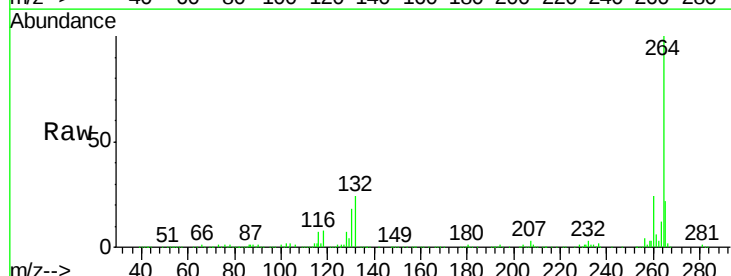
Tgt Ion:264 Resp: 439939

Ion Ratio Lower Upper

264 100

260 24.0 20.0 30.0

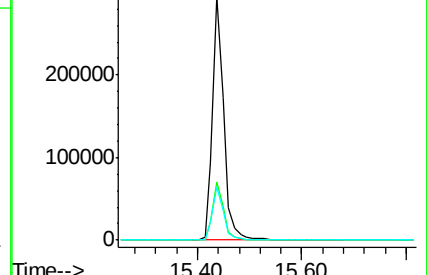
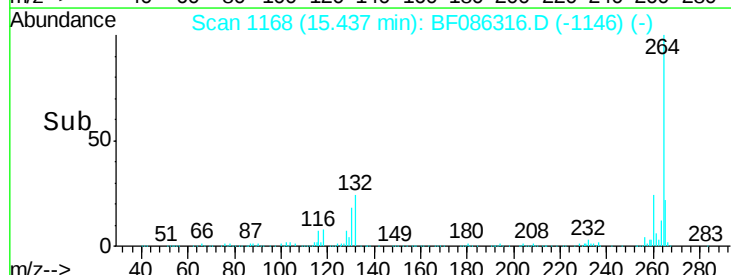
265 22.0 17.4 26.0

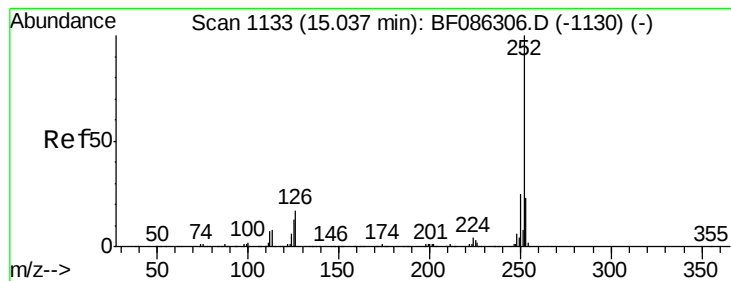


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.04 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampled :

MW-8

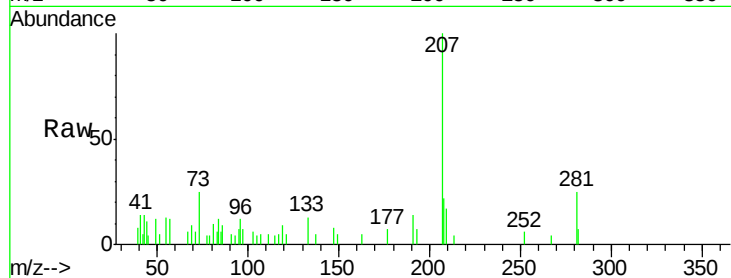
Tgt Ion:252 Resp: 1093

Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

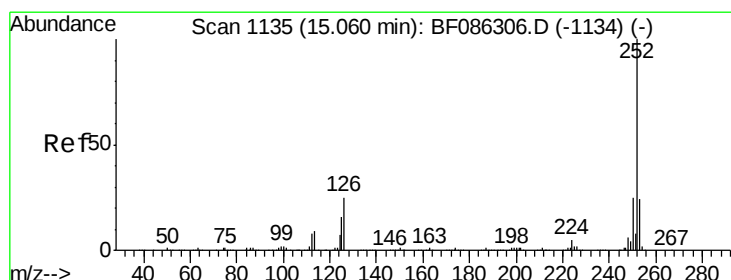
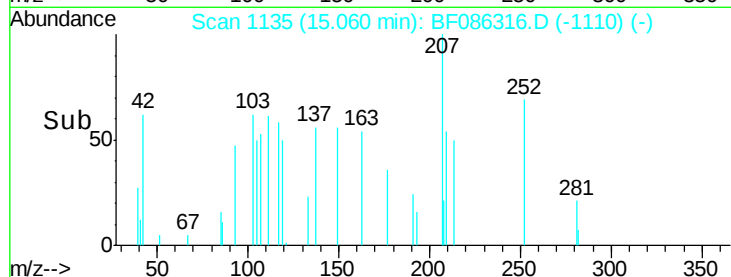
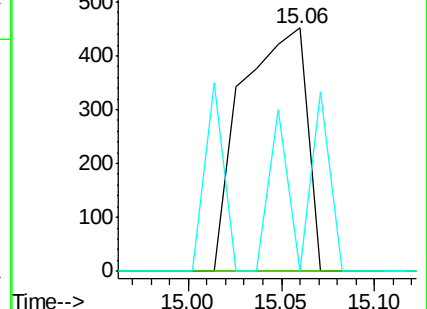
125 0.0 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.05 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF086316.D

Acq: 20 Apr 2016 18:45

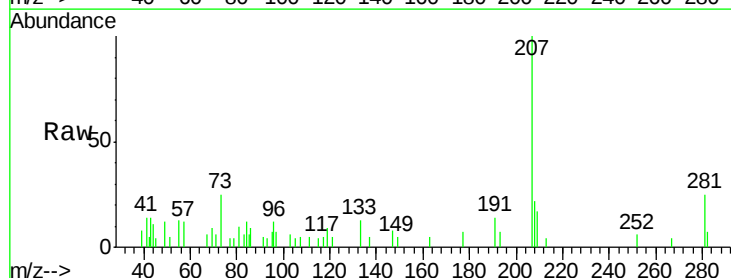
Tgt Ion:252 Resp: 1093

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

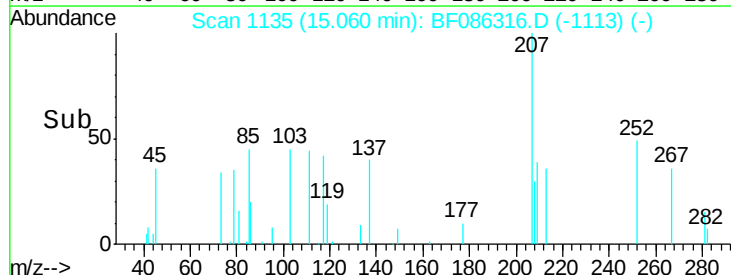
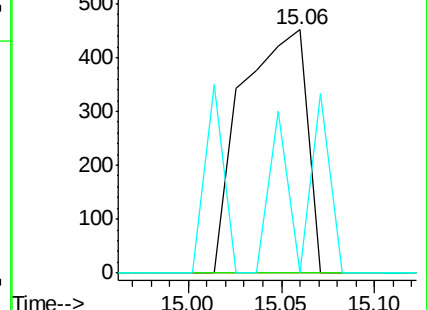
125 0.0 7.8 11.6#

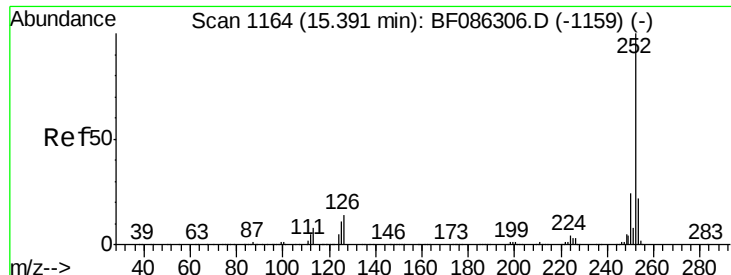


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.07 ng

RT: 15.44 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF086316.D

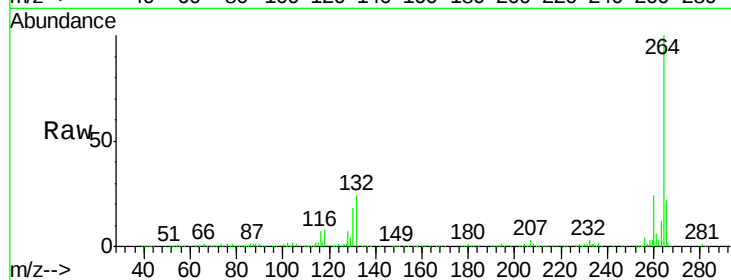
Acq: 20 Apr 2016 18:45

Instrument :

BNA_F

ClientSampleId :

MW-8



Tgt Ion:	252	Resp:	1661
Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.8	26.8#
125	37.4	11.2	16.8#

