

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086315.D
 Acq On : 20 Apr 2016 18:16
 Operator : UM/SJ
 Sample : H2625-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Apr 21 00:58:47 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	264355	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1095386	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	459311	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	744264	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	439381	20.00	ng	-0.05
86) Perylene-d12	15.44	264	427158	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1044301	68.92	ng	-0.02
7) Phenol-d6	6.49	99	928605	46.83	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1581125	82.67	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	478729	133.72	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2492644	110.67	ng	-0.03
78) Terphenyl-d14	12.97	244	1514172	82.03	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	252	0.03	ng	# 22
4) n-Nitrosodimethylamine	3.22	42	1504	0.21	ng	# 1
6) Aniline	6.62	93	2099	0.08	ng	# 1
8) 2-Chlorophenol	6.64	128	688	0.04	ng	# 1
9) Benzaldehyde	6.49	77	1135	0.08	ng	# 1
10) Phenol	6.50	94	2628	0.12	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	2099	0.11	ng	# 1
12) 1,3-Dichlorobenzene	7.02	146	292	0.01	ng	# 1
13) 1,4-Dichlorobenzene	7.02	146	291	0.01	ng	# 1
14) 1,2-Dichlorobenzene	7.02	146	291	0.02	ng	# 1
15) Benzyl Alcohol	7.01	79	24001	1.95	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.02	45	472	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	204791	17.05	ng	# 83
22) Acetophenone	7.14	105	261	0.01	ng	# 1
24) Nitrobenzene	7.42	77	4529	0.22	ng	# 33
25) Isophorone	7.42	82	1267368	34.97	ng	# 67
31) Naphthalene	8.17	128	3079	0.06	ng	# 67
45) 1,1'-Biphenyl	9.23	154	4396	0.12	ng	# 1
47) 2-Nitroaniline	9.62	65	378	0.04	ng	# 1
48) Acenaphthylene	9.76	152	233	0.01	ng	# 59
49) Dimethylphthalate	9.62	163	42338	1.21	ng	# 97
50) 2,6-Dinitrotoluene	9.90	165	55862	7.76	ng	# 32
51) Acenaphthene	9.90	154	2009	0.08	ng	# 4
54) Dibenzofuran	10.11	168	1221	0.04	ng	# 46
56) 2,4-Dinitrotoluene	9.90	165	57554	6.44	ng	# 31
57) Fluorene	10.68	166	21242	0.84	ng	# 91
59) Diethylphthalate	10.32	149	4751	0.14	ng	# 95
62) Azobenzene	10.61	77	1542	0.05	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.68	198	1080	6.46	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	16110	0.66	ng	# 44
66) 4-Bromophenyl-phenylether	10.69	248	29298	3.66	ng	# 1
70) Phenanthrene	11.40	178	2657	0.08	ng	# 95
71) Anthracene	11.40	178	2657	0.07	ng	# 95
73) Di-n-butylphthalate	11.95	149	6003	0.13	ng	# 97

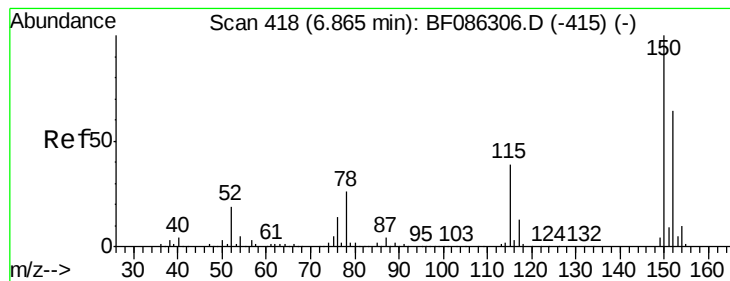
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086315.D
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	12.59	202	488	0.01	ng	61
77) Pyrene	12.82	202	418	0.01	ng	# 55
79) Butylbenzylphthalate	13.44	149	230	0.01	ng	# 48
80) Benzo(a)anthracene	14.01	228	2100	0.09	ng	# 56
82) Chrysene	14.01	228	2100	0.08	ng	# 54
83) Bis(2-ethylhexyl)phthalate	14.01	149	4592	0.23	ng	# 83
84) Di-n-octyl phthalate	14.61	149	536	0.01	ng	# 73
87) Benzo(b)fluoranthene	15.03	252	267	0.01	ng	# 59
88) Benzo(k)fluoranthene	15.06	252	260	0.01	ng	# 60
89) Benzo(a)pyrene	15.38	252	312	0.01	ng	# 58
90) Dibenzo(a,h)anthracene	16.85	278	227	0.01	ng	# 54

(#) = 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: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

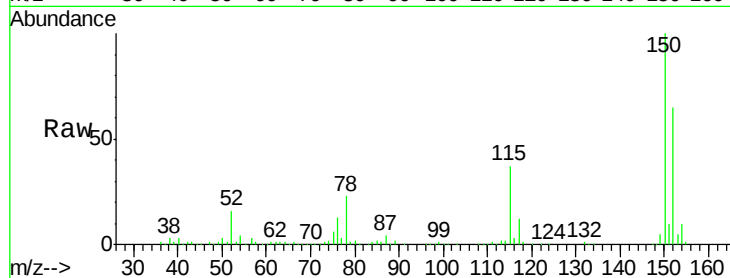
Tgt Ion:152 Resp: 264355

Ion Ratio Lower Upper

152 100

150 154.7 124.1 186.1

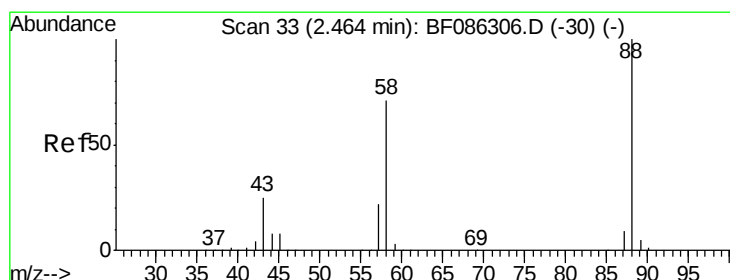
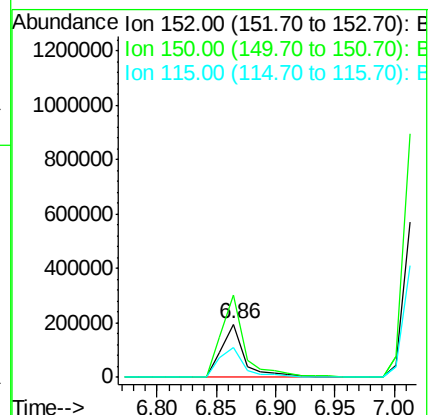
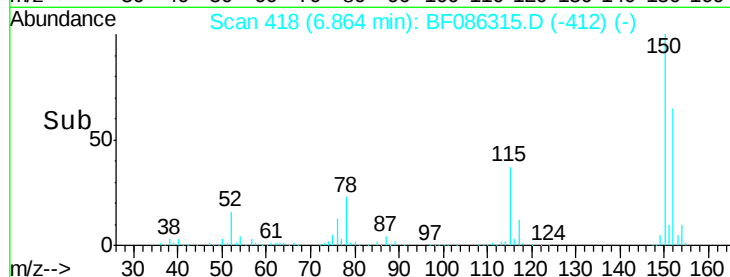
115 57.3 43.9 65.9



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: 0.03 ng

RT: 2.49 min Scan# 35

Delta R.T. -0.02 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

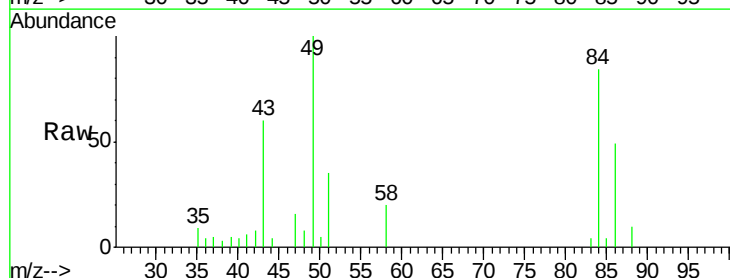
Tgt Ion: 88 Resp: 252

Ion Ratio Lower Upper

88 100

58 0.0 58.4 87.6#

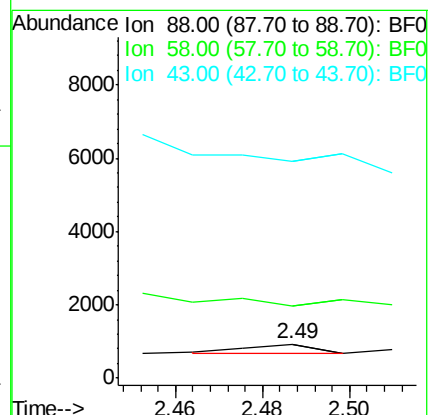
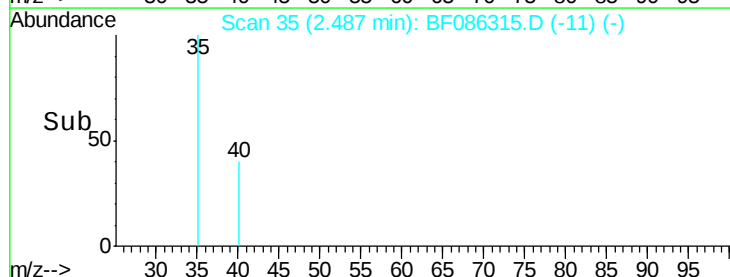
43 0.0 23.3 34.9#

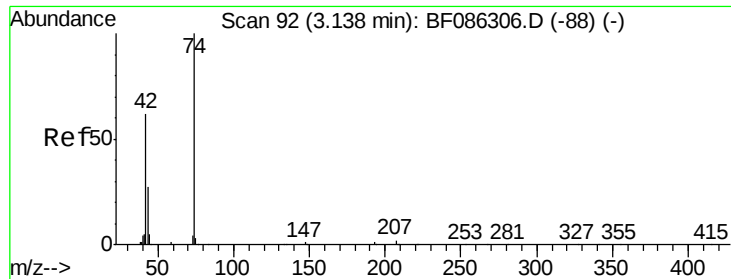


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

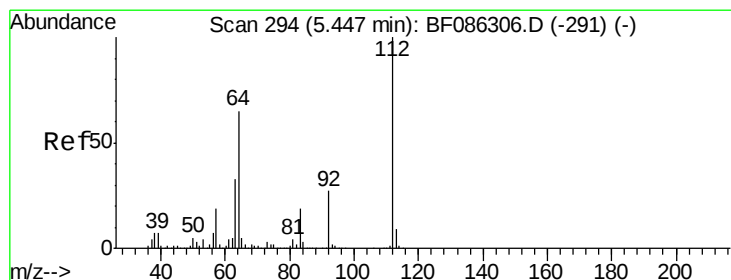
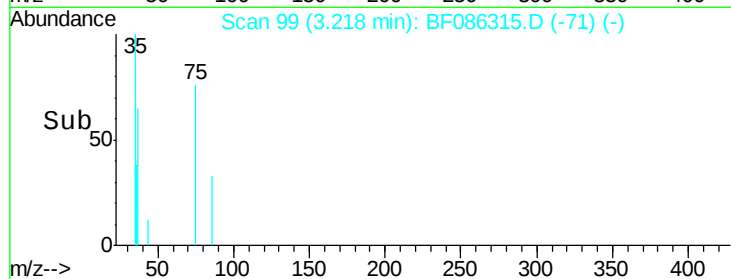
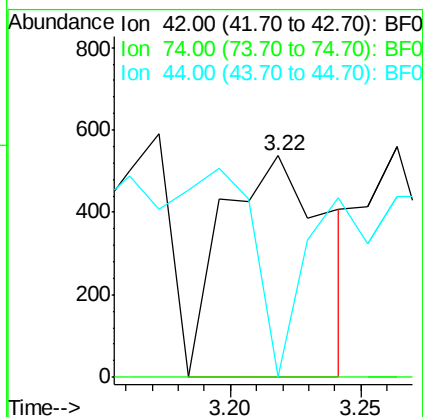
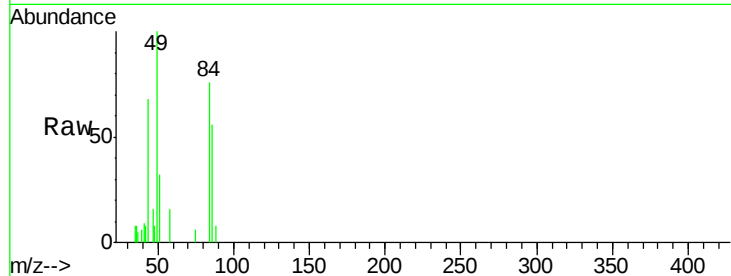
Instrument :

BNA_F

ClientSampleId :

MW-6

Tgt Ion:	42	Resp:	1504
Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.5	150.7#
44	0.0	5.4	8.0#



#5

2-Fluorophenol

Concen: 68.92 ng

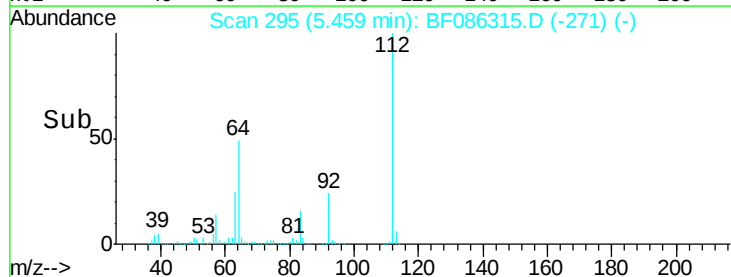
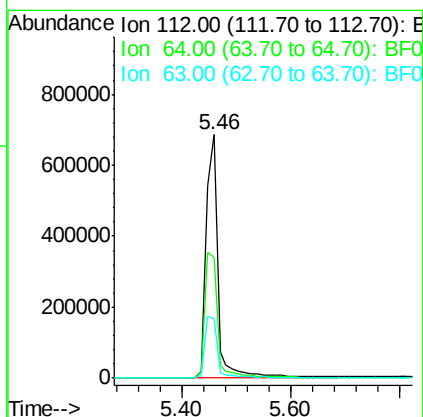
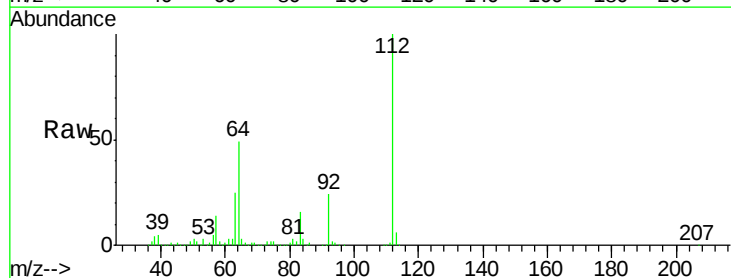
RT: 5.46 min Scan# 295

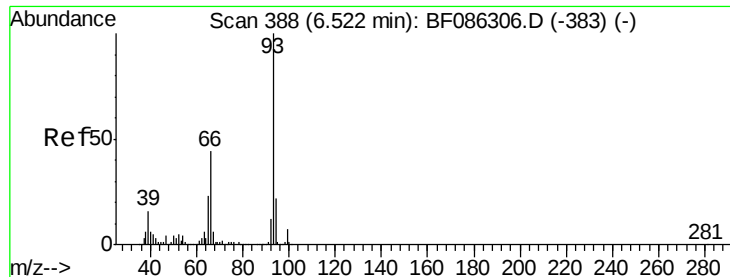
Delta R.T. -0.02 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Tgt Ion:	112	Resp:	1044301
Ion	Ratio	Lower	Upper
112	100		
64	49.4	48.1	72.1
63	24.5	25.5	38.3#





#6

Aniline

Concen: 0.08 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.07 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

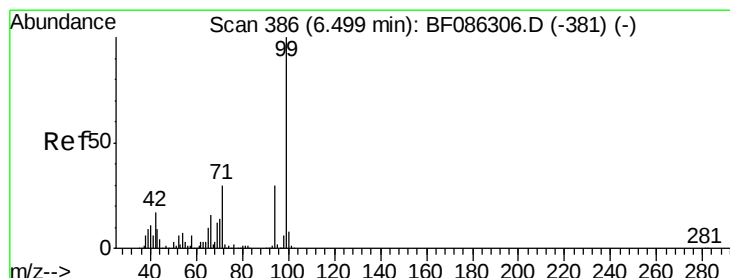
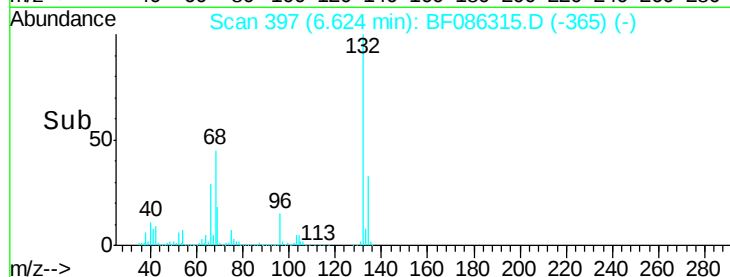
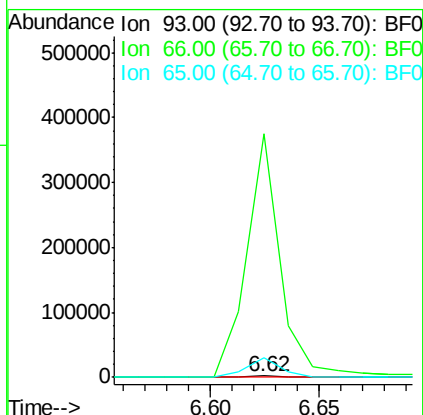
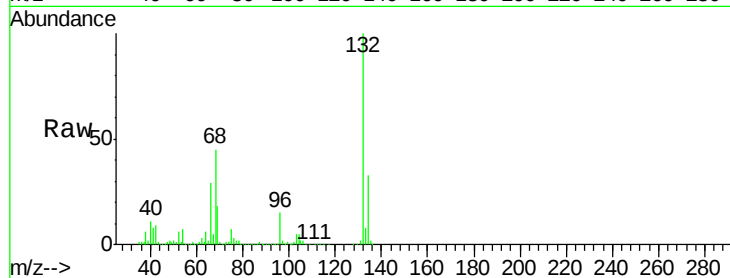
Tgt Ion: 93 Resp: 2099

Ion Ratio Lower Upper

93 100

66 19050.5 32.2 48.2#

65 1569.5 16.4 24.6#



#7

Phenol-d6

Concen: 46.83 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

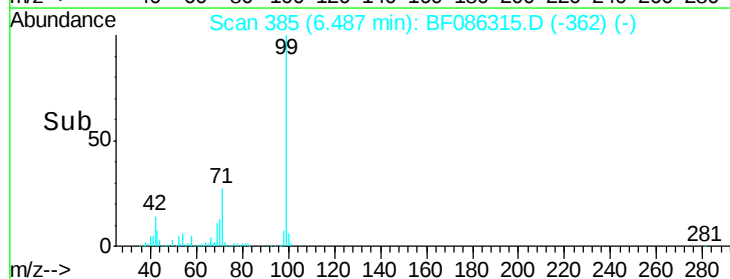
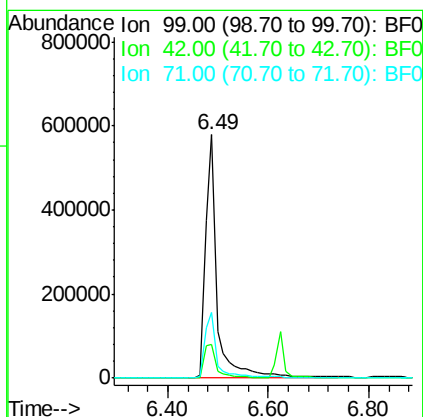
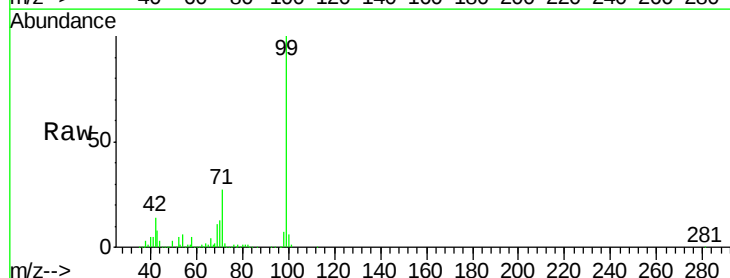
Tgt Ion: 99 Resp: 928605

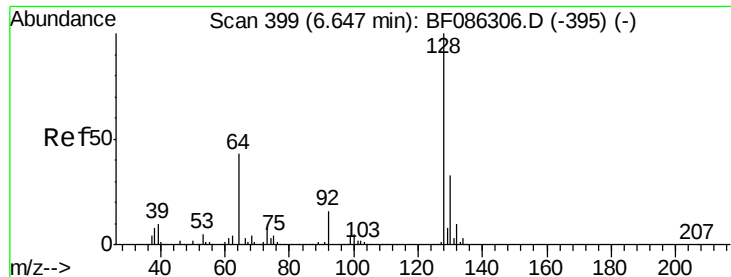
Ion Ratio Lower Upper

99 100

42 14.0 15.4 23.2#

71 27.1 25.6 38.4





#8

2-Chlorophenol

Concen: 0.04 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

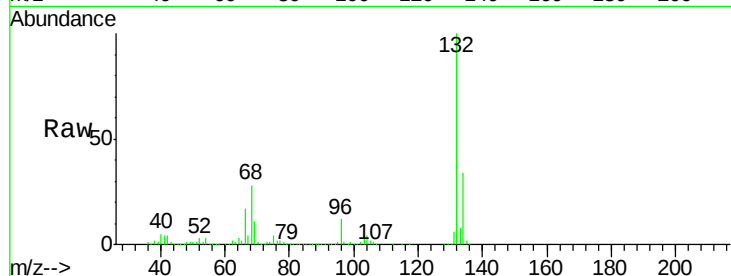
Tgt Ion:128 Resp: 688

Ion Ratio Lower Upper

128 100

130 235.6 11.8 51.8#

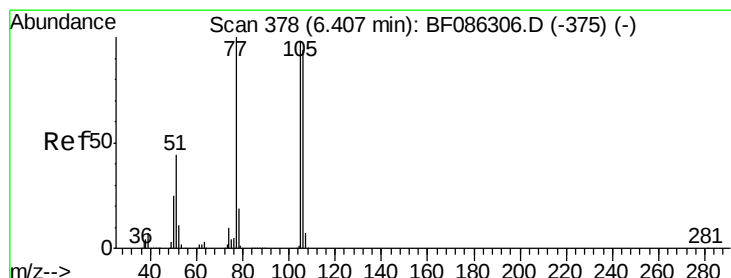
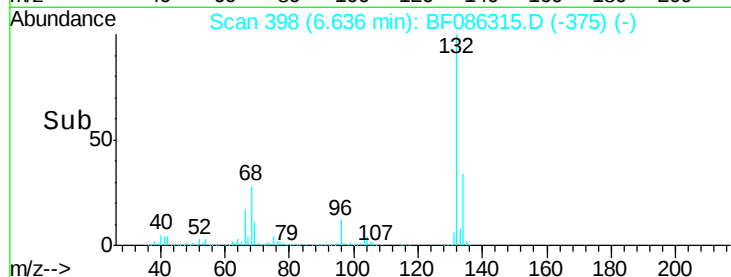
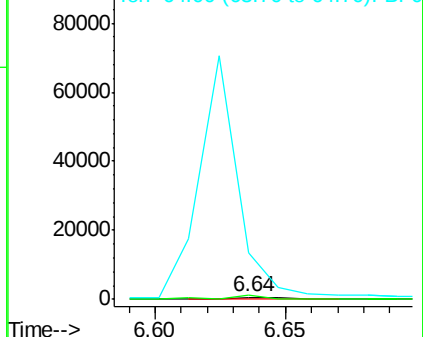
64 2370.6 39.5 79.5#



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: 0.08 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.05 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

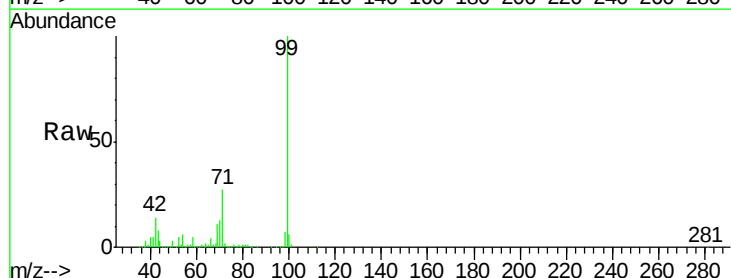
Tgt Ion: 77 Resp: 1135

Ion Ratio Lower Upper

77 100

105 0.0 84.6 124.6#

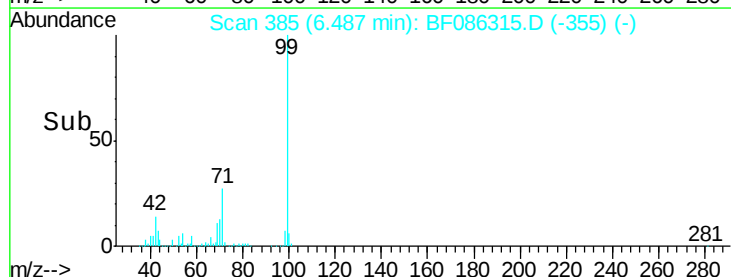
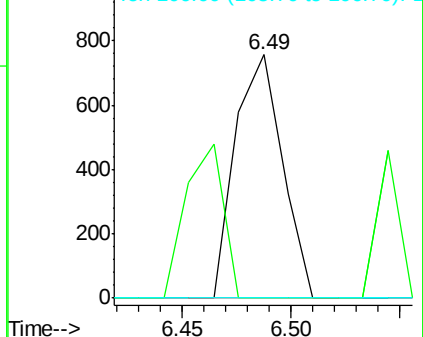
106 0.0 78.6 118.6#

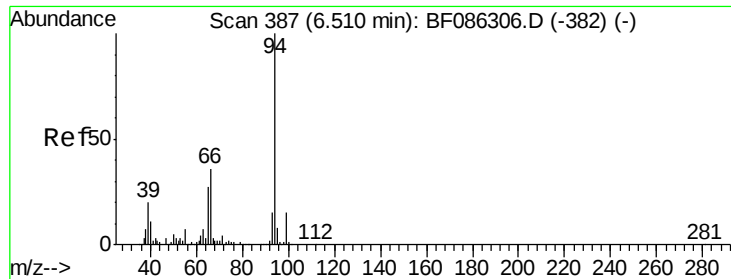


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

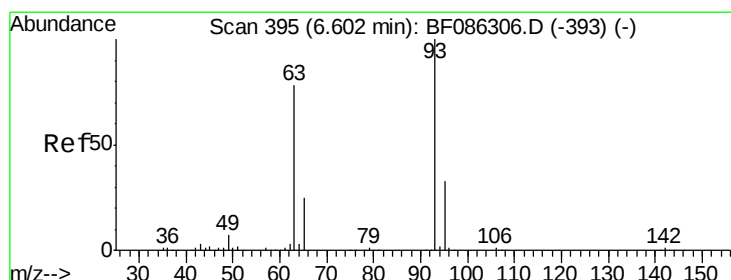
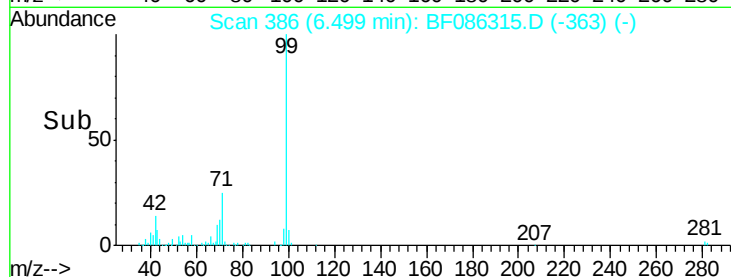
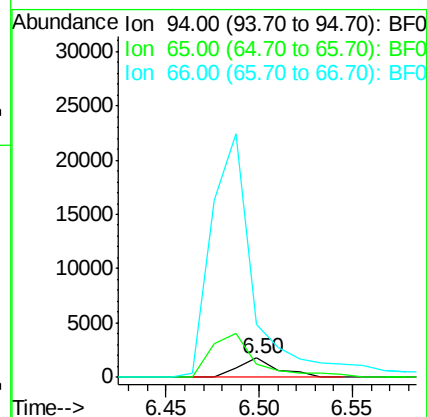
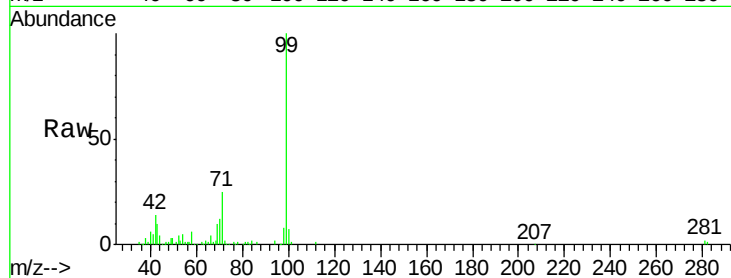
Tgt Ion: 94 Resp: 2628

Ion Ratio Lower Upper

94 100

65 70.8 7.9 47.9#

66 273.5 16.5 56.5#



#11

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

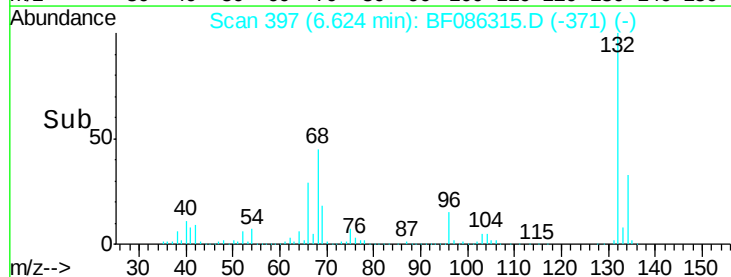
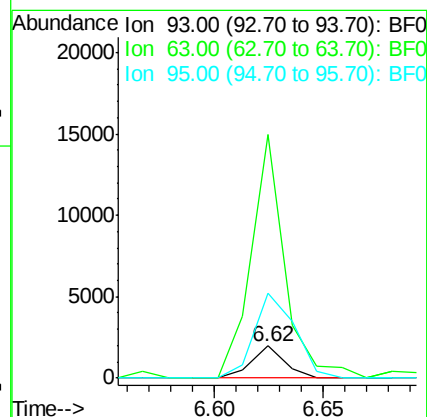
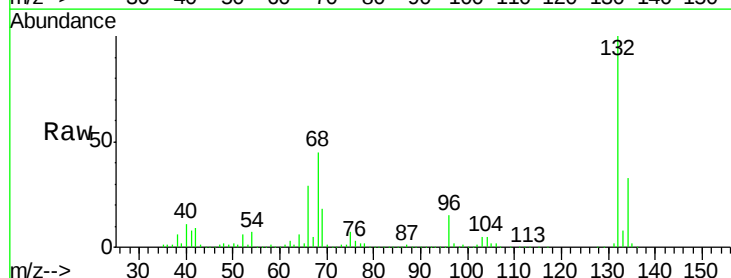
Tgt Ion: 93 Resp: 2099

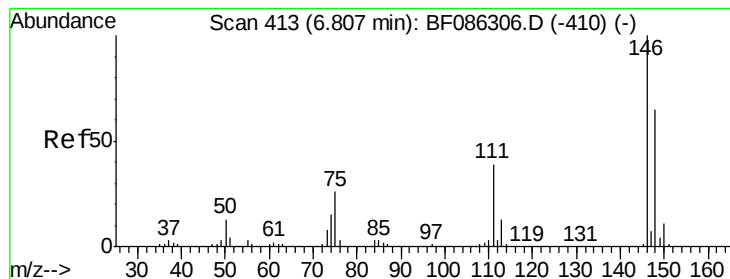
Ion Ratio Lower Upper

93 100

63 759.6 44.4 84.4#

95 263.1 13.1 53.1#





#12

1,3-Dichlorobenzene

Concen: 0.01 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.19 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampled :

MW-6

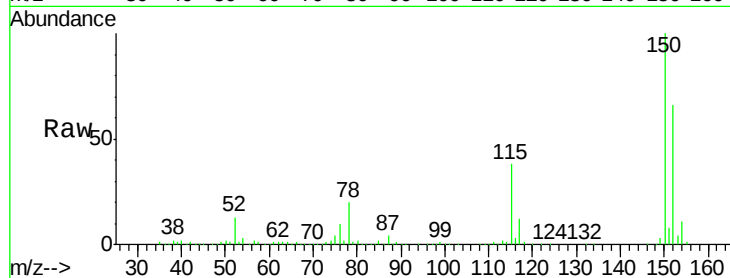
Tgt Ion:146 Resp: 292

Ion Ratio Lower Upper

146 100

148 552.9 51.0 76.4#

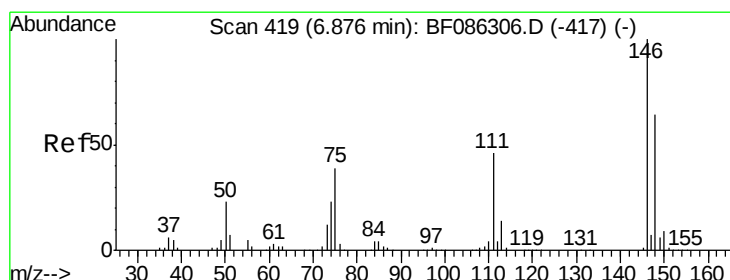
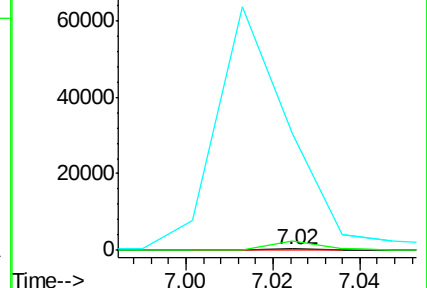
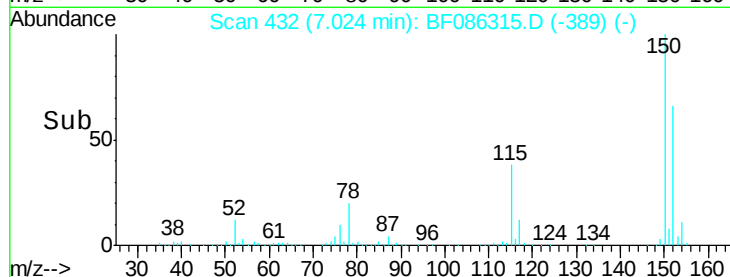
75 7141.6 29.9 44.9#



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: 0.01 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.11 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

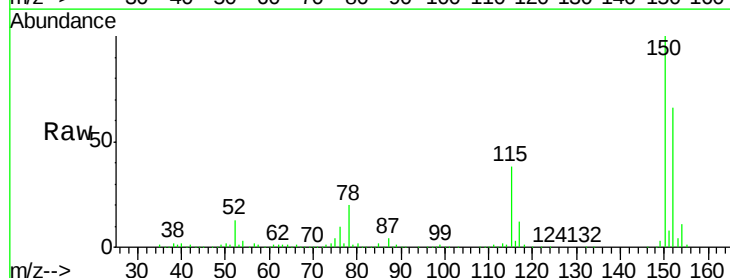
Tgt Ion:146 Resp: 291

Ion Ratio Lower Upper

146 100

148 552.9 51.8 77.6#

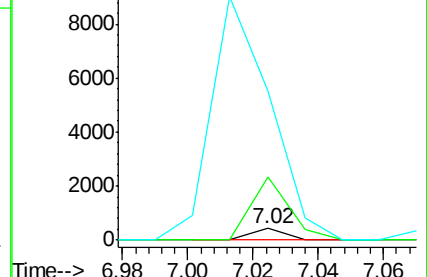
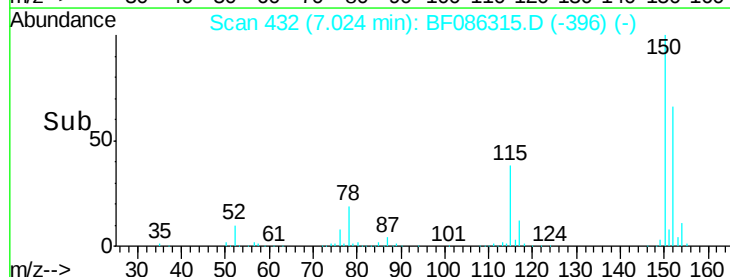
111 1298.8 34.9 52.3#

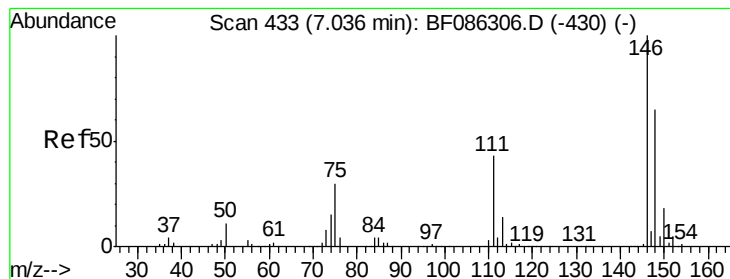


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

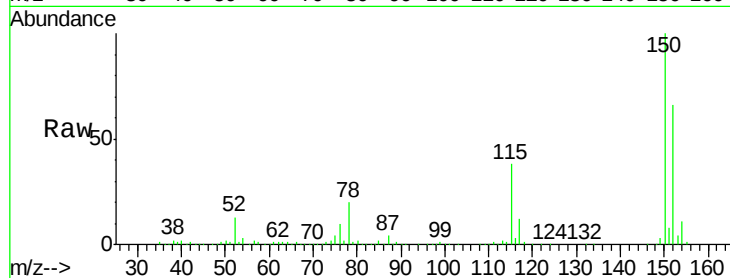




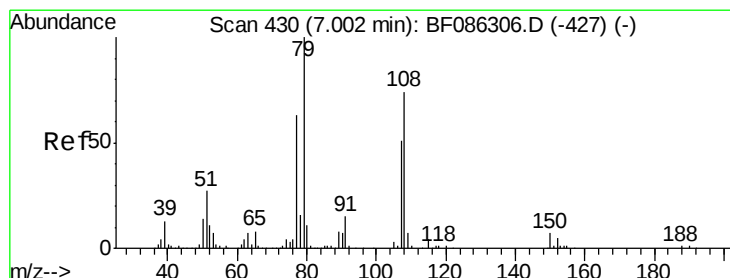
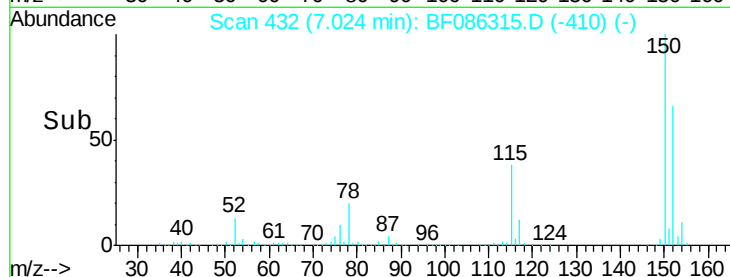
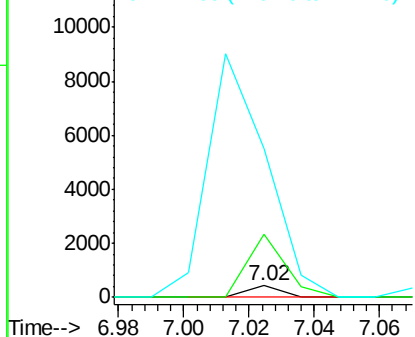
#14
1,2-Dichlorobenzene
Concen: 0.02 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.05 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:146 Resp: 291
Ion Ratio Lower Upper
146 100
148 552.9 52.2 78.2#
111 1298.8 31.0 46.4#

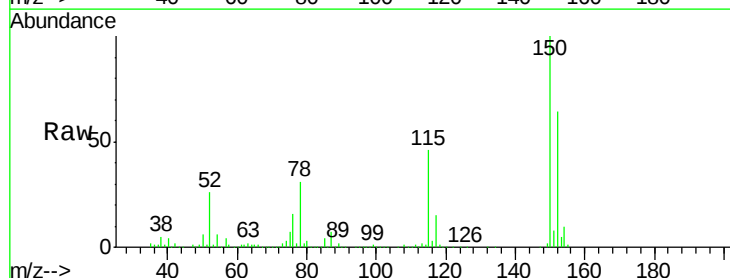


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

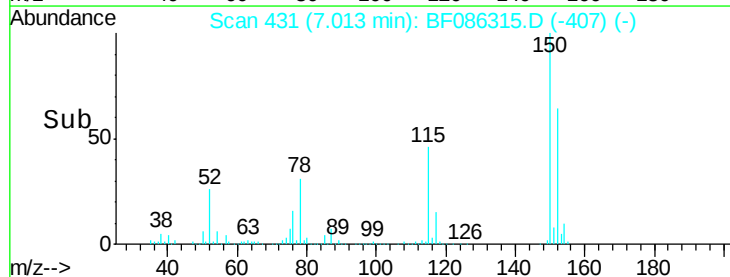
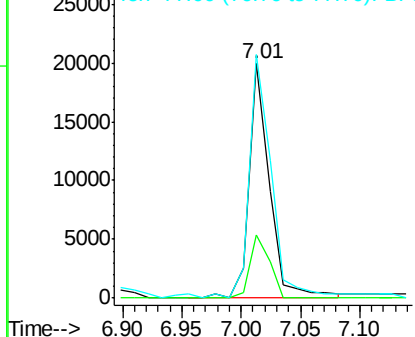


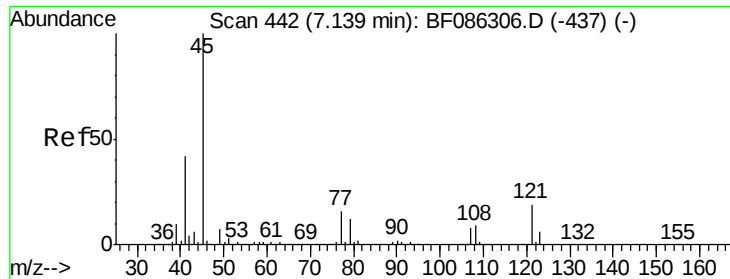
#15
Benzyl Alcohol
Concen: 1.95 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Tgt Ion: 79 Resp: 24001
Ion Ratio Lower Upper
79 100
108 27.1 64.8 97.2#
77 103.9 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

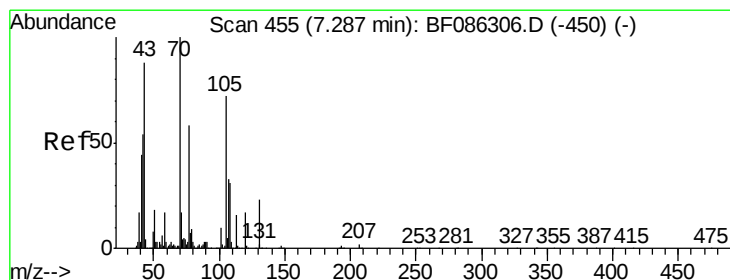
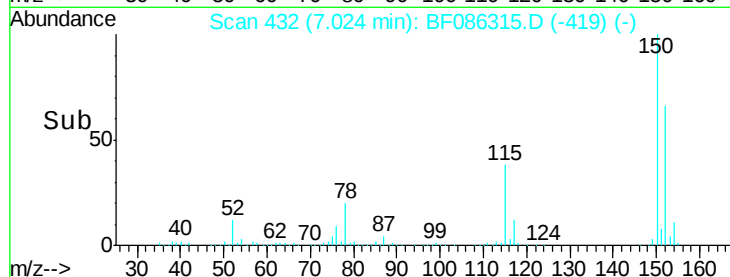
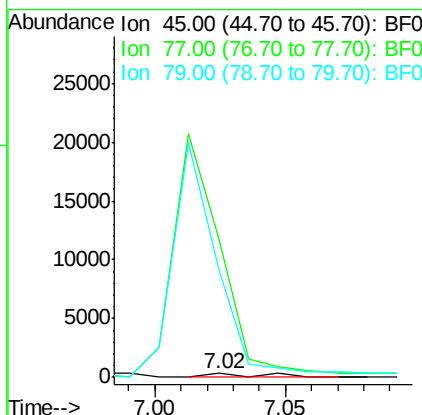
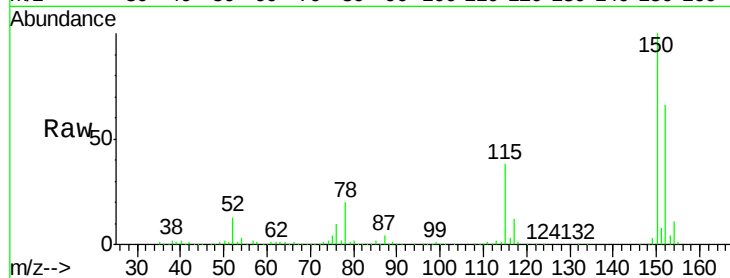




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.02 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.15 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

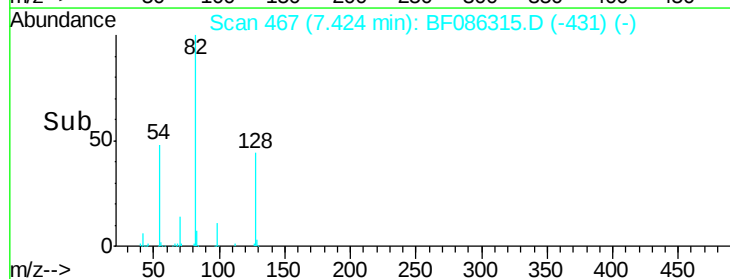
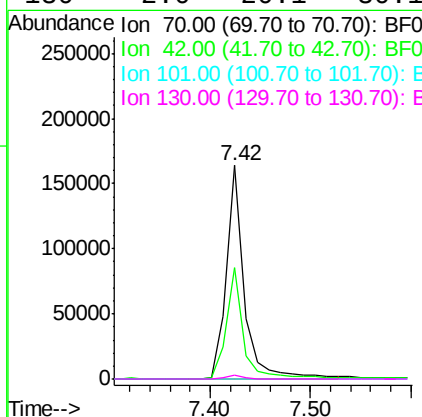
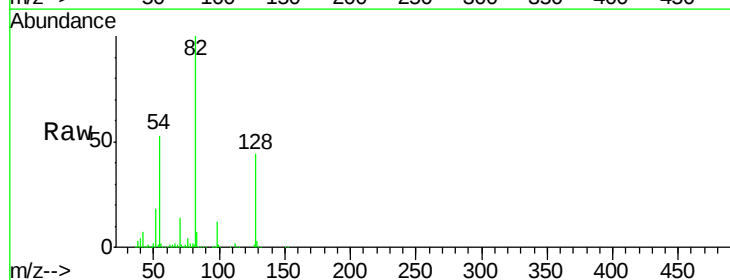
Instrument :
 BNA_F
 ClientSampled :
 MW-6

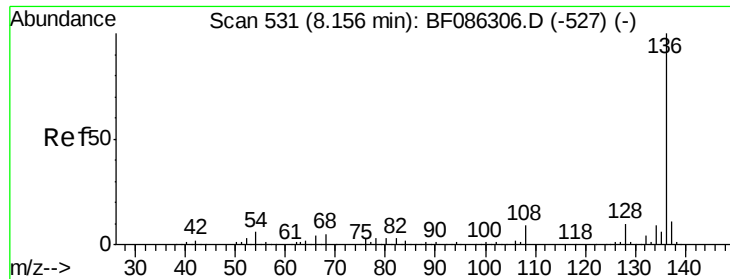
Tgt Ion: 45 Resp: 472
 Ion Ratio Lower Upper
 45 100
 77 3385.5 0.0 33.7#
 79 2637.5 0.0 30.1#



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.05 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.11 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Tgt Ion: 70 Resp: 204791
 Ion Ratio Lower Upper
 70 100
 42 52.2 43.0 64.4
 101 0.0 8.1 12.1#
 130 2.0 20.1 30.1#

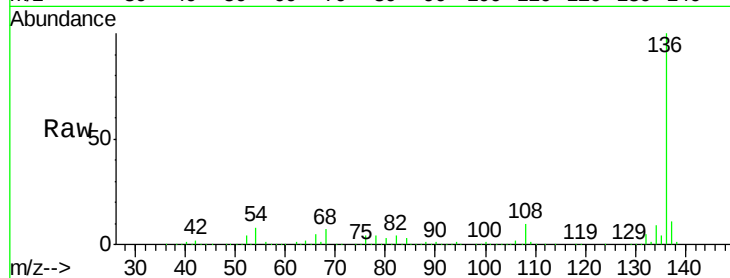




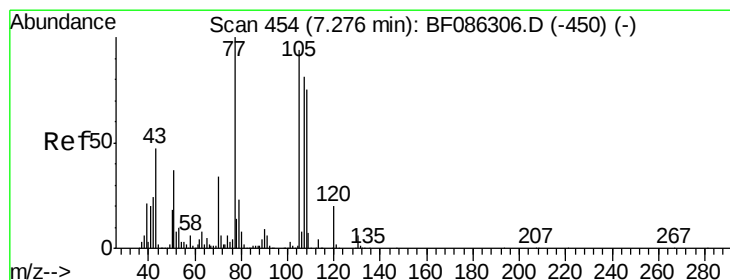
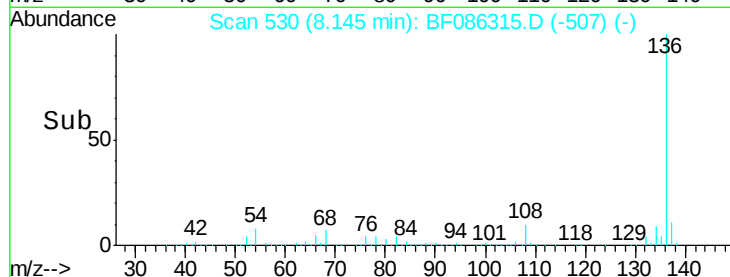
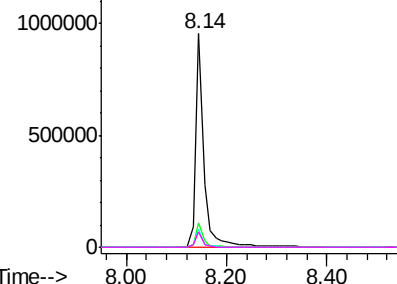
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Instrument :
BNA_F
ClientSampled :
MW-6

Tgt Ion:136 Resp: 1095386
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.3 7.3 10.9
68 7.2 5.7 8.5

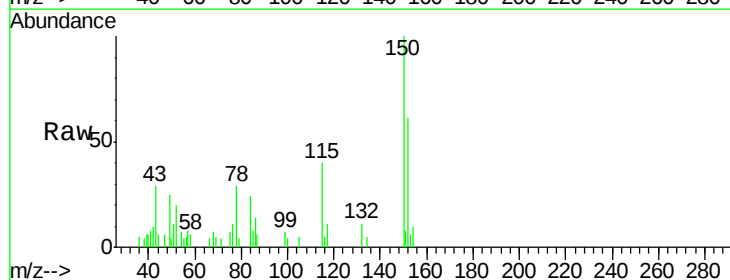


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

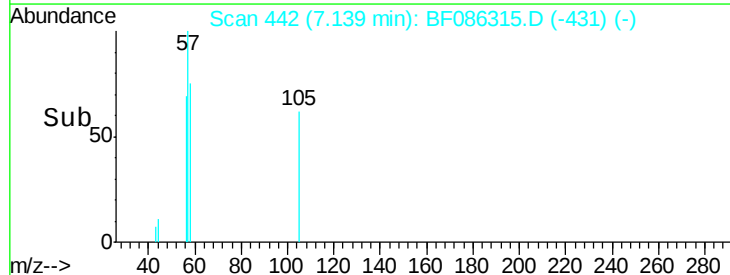
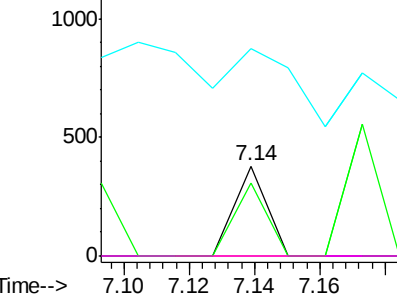


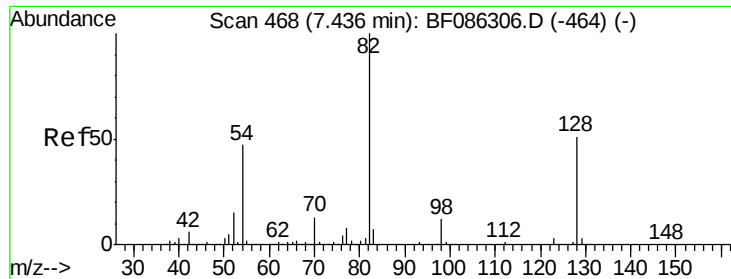
#22
Acetophenone
Concen: 0.01 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.17 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Tgt Ion:105 Resp: 261
Ion Ratio Lower Upper
105 100
71 80.3 4.0 6.0#
51 229.5 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

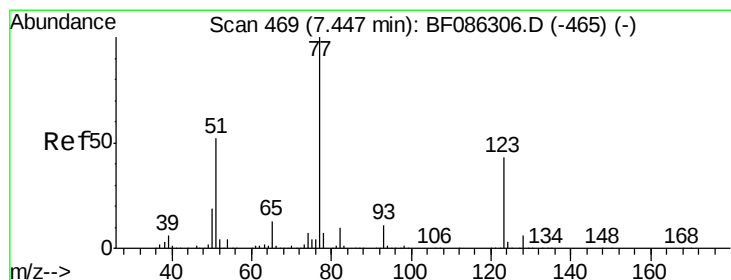
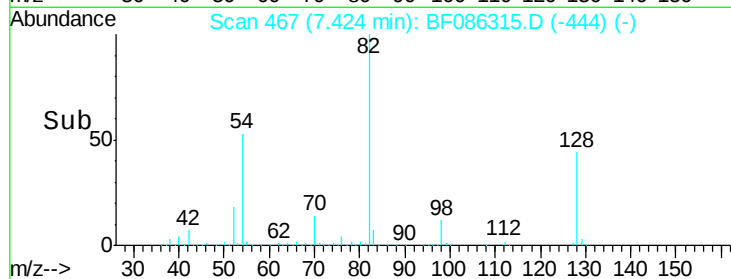
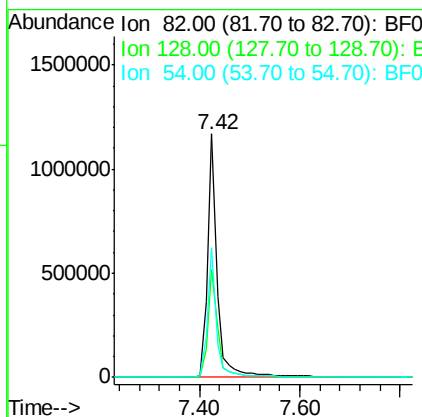
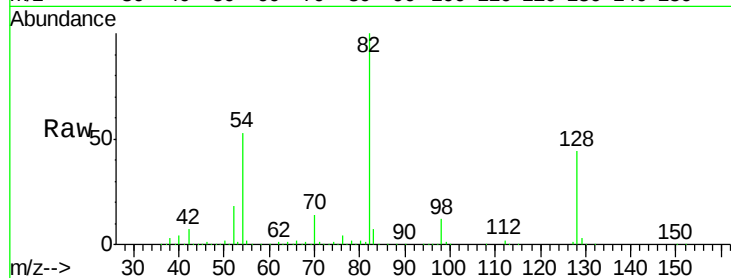




#23
 Nitrobenzene-d5
 Concen: 82.67 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

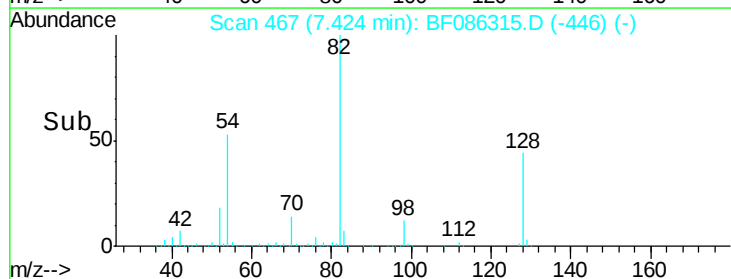
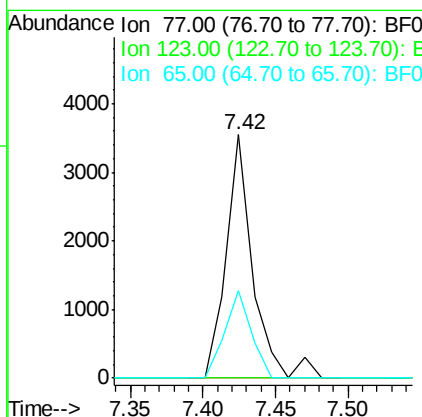
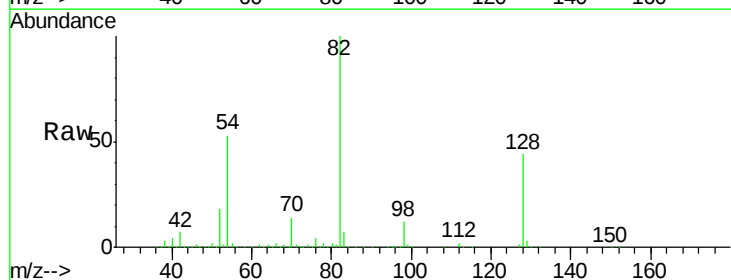
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

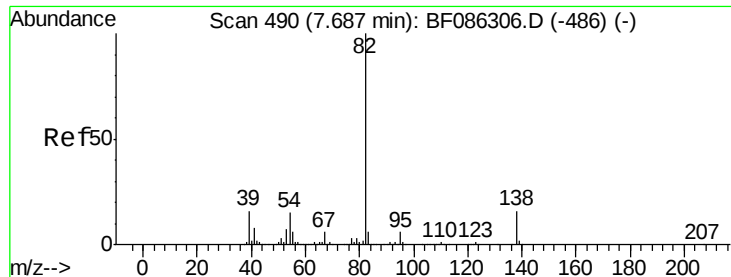
Tgt Ion: 82 Resp: 1581125
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.4 53.2
 54 53.0 43.4 65.0



#24
 Nitrobenzene
 Concen: 0.22 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Tgt Ion: 77 Resp: 4529
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.3 57.5#
 65 36.0 11.3 16.9#





#25

Isophorone

Concen: 34.97 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.30 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

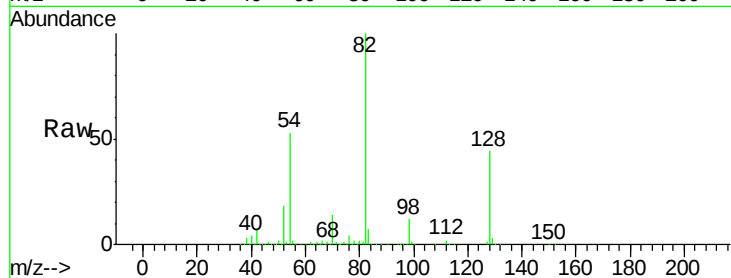
Tgt Ion: 82 Resp: 1267368

Ion Ratio Lower Upper

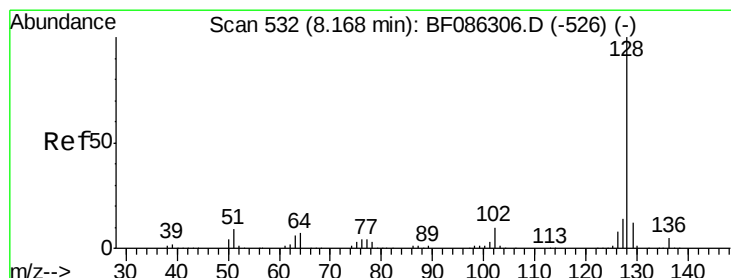
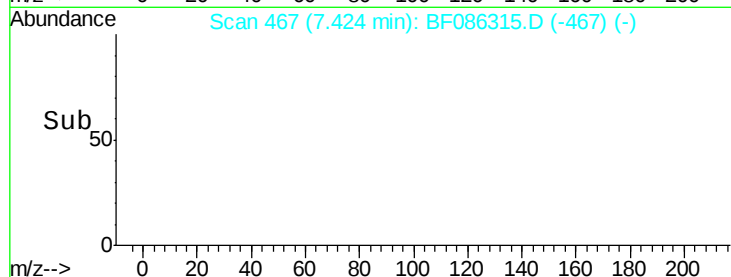
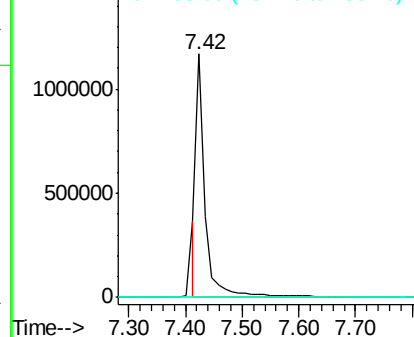
82 100

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): E



#31

Naphthalene

Concen: 0.06 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

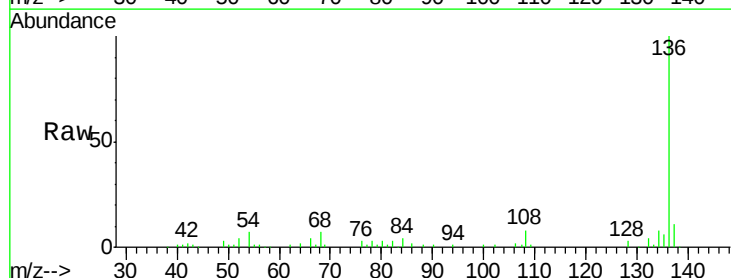
Tgt Ion: 128 Resp: 3079

Ion Ratio Lower Upper

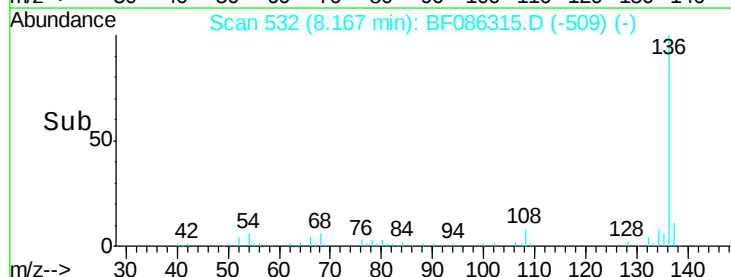
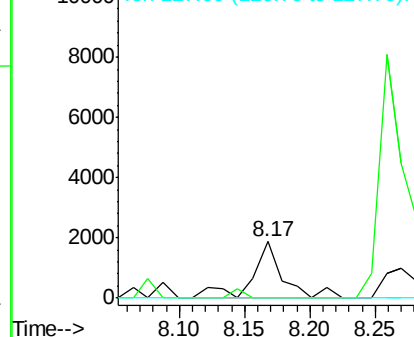
128 100

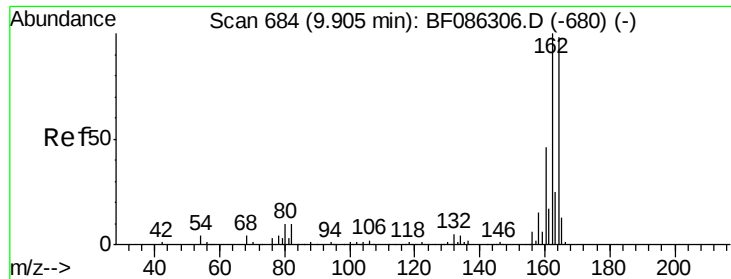
129 0.0 9.6 14.4#

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

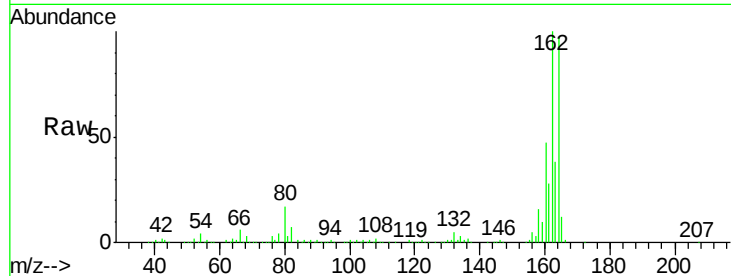
Tgt Ion:164 Resp: 459311

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

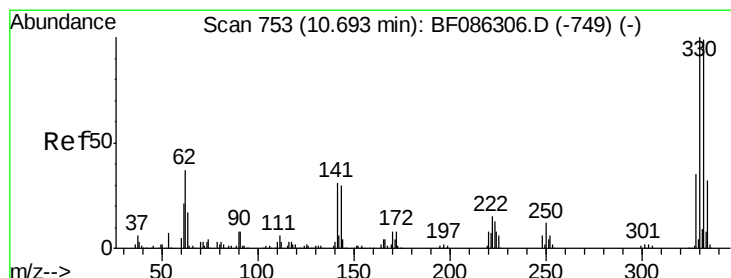
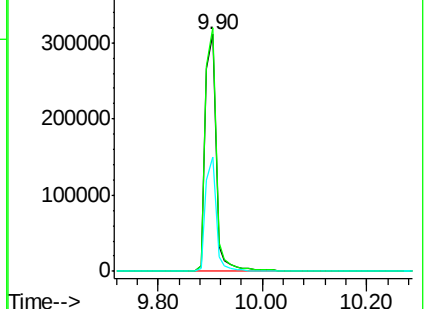
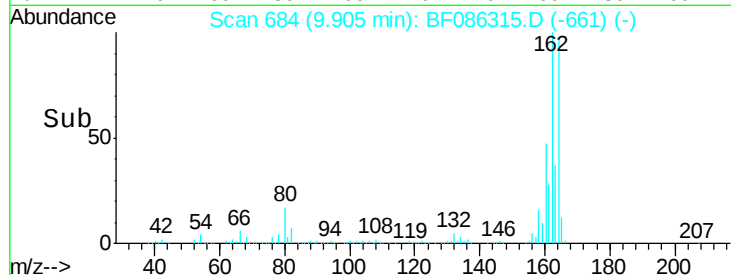
160 48.4 38.9 58.3



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: 133.72 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

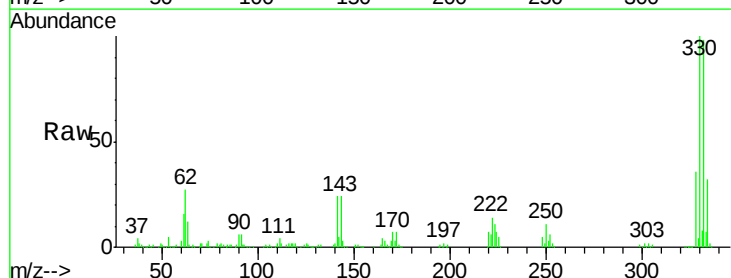
Tgt Ion:330 Resp: 478729

Ion Ratio Lower Upper

330 100

332 96.9 78.7 118.1

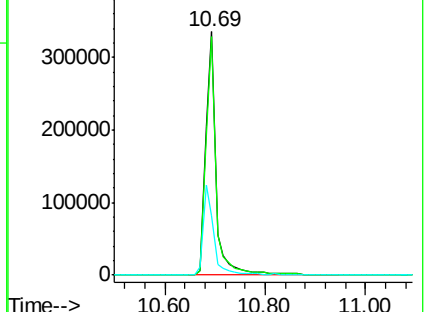
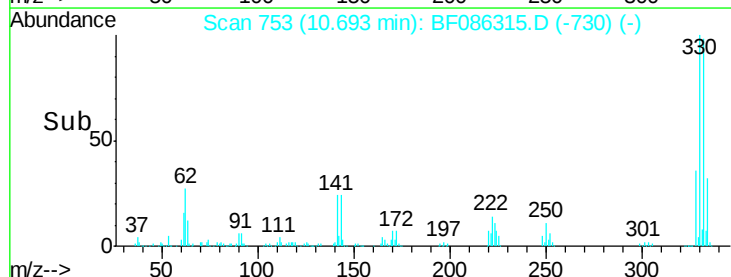
141 38.9 28.6 42.8

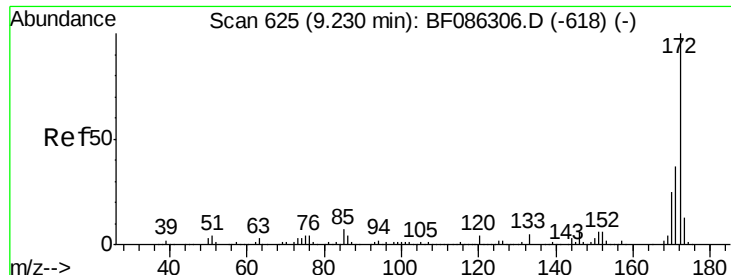


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

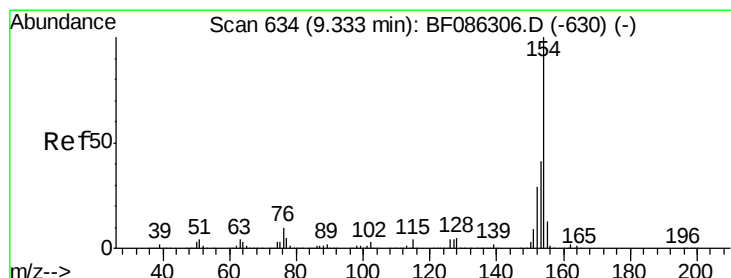
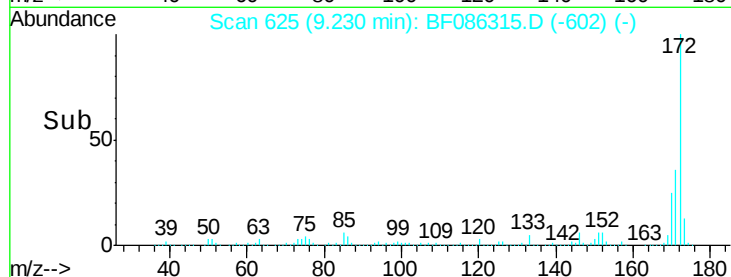
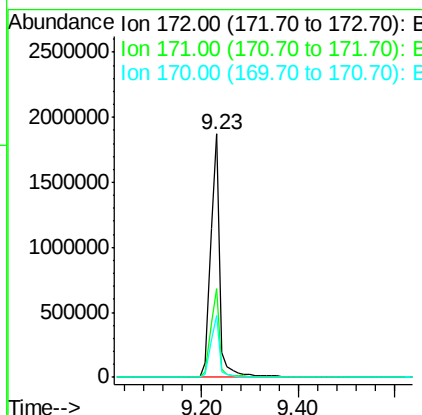
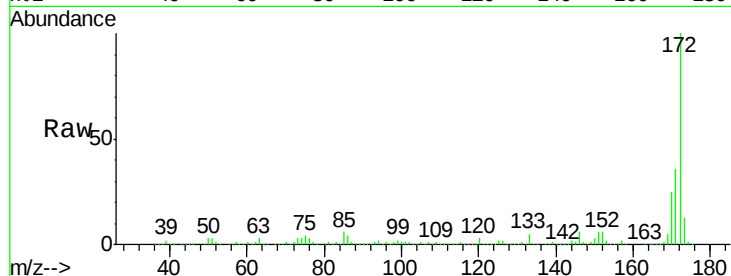




#44
 2-Fluorobiphenyl
 Concen: 110.67 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

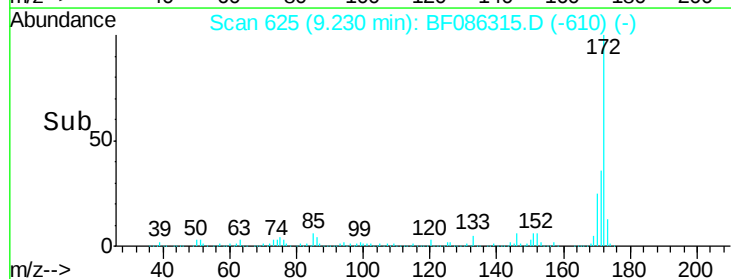
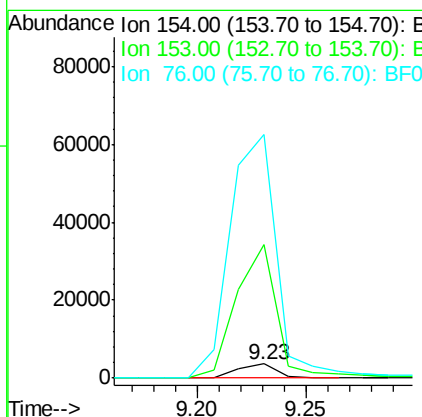
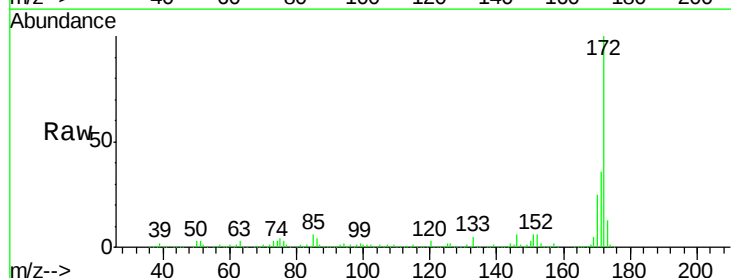
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

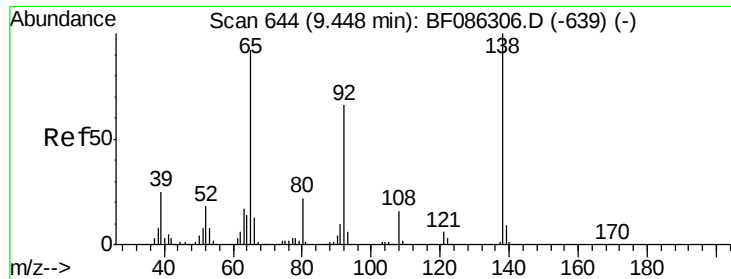
Tgt Ion:172 Resp: 2492644
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 25.4 19.9 29.9



#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.13 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Tgt Ion:154 Resp: 4396
 Ion Ratio Lower Upper
 154 100
 153 931.6 21.3 61.3#
 76 1694.1 0.0 36.4#

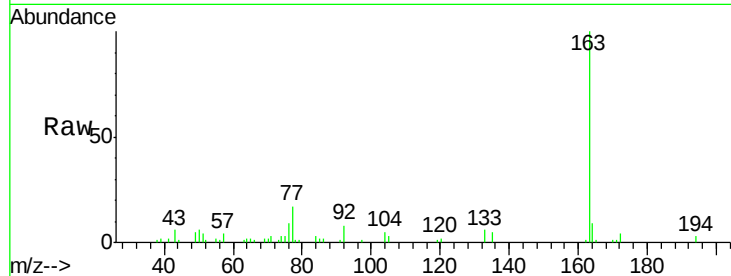




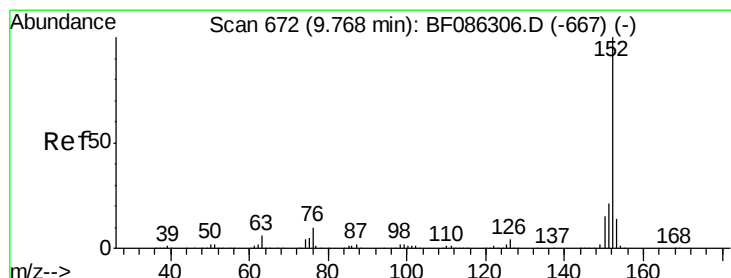
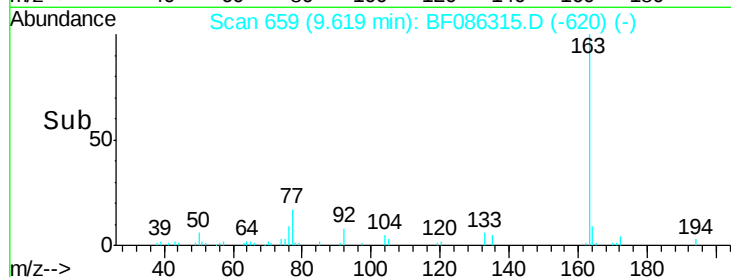
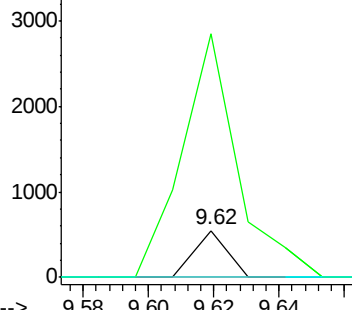
#47
2-Nitroaniline
Concen: 0.04 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.15 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 65 Resp: 378
Ion Ratio Lower Upper
65 100
92 516.7 51.9 77.9#
138 0.0 72.6 108.8#

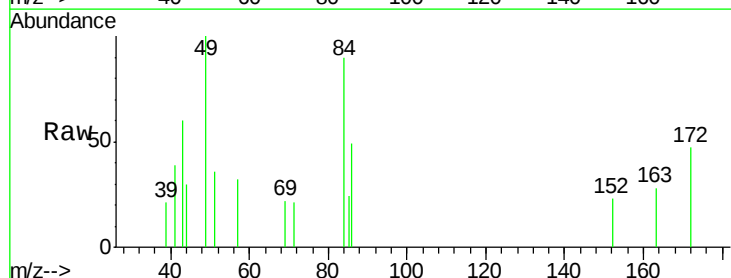


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

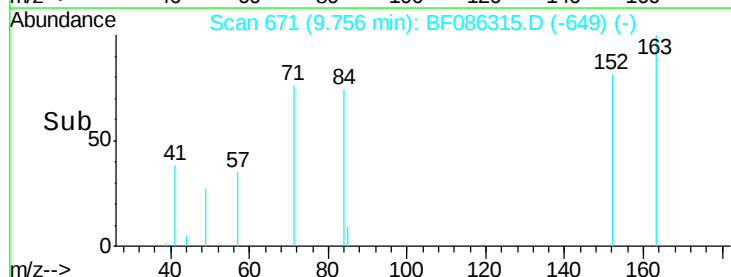
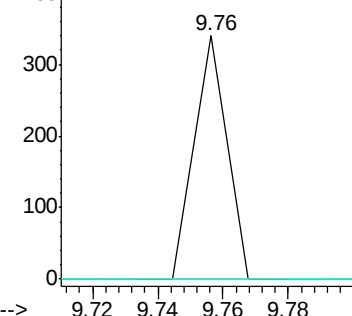


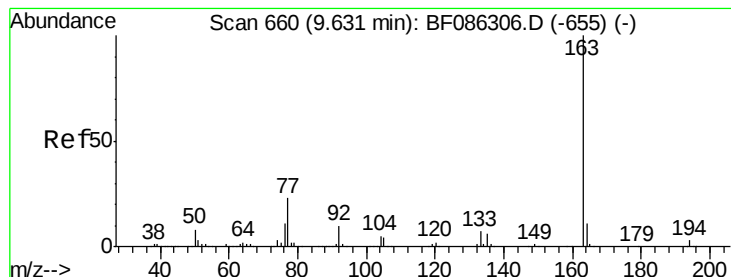
#48
Acenaphthylene
Concen: 0.01 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.04 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Tgt Ion: 152 Resp: 233
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 1.21 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

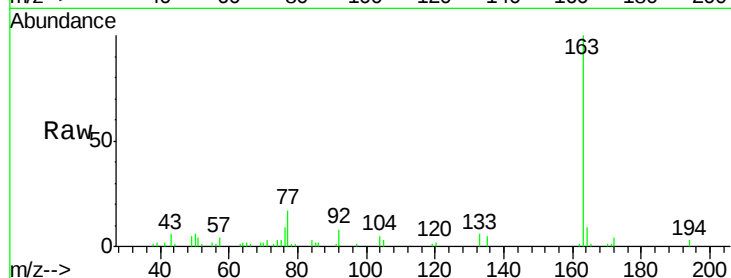
Tgt Ion:163 Resp: 42338

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

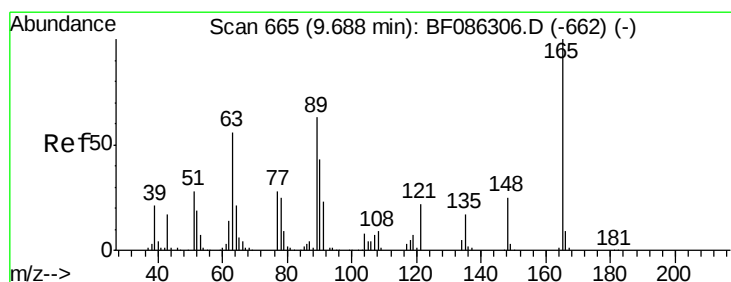
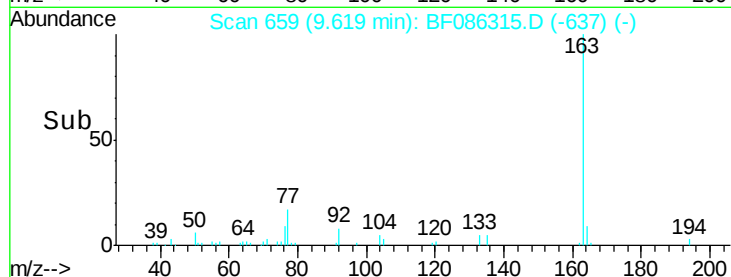
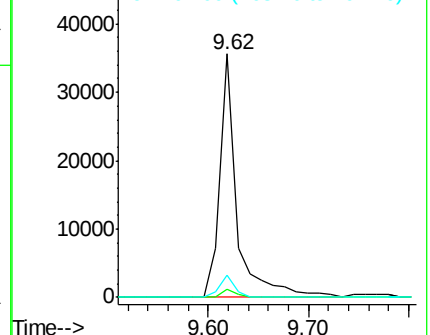
164 9.1 8.4 12.6



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: 7.76 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.18 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

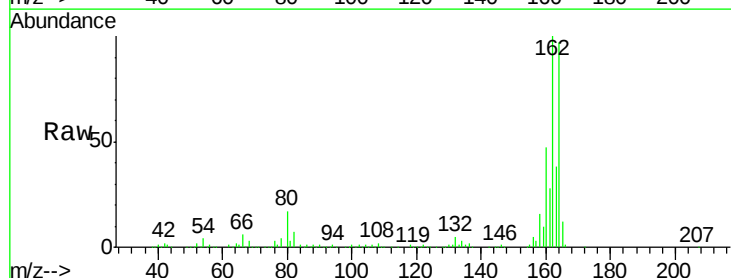
Tgt Ion:165 Resp: 55862

Ion Ratio Lower Upper

165 100

63 1.6 35.1 52.7#

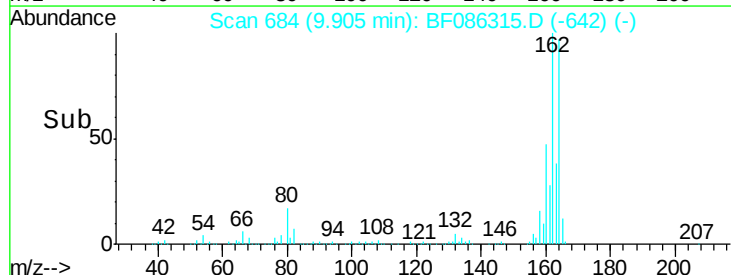
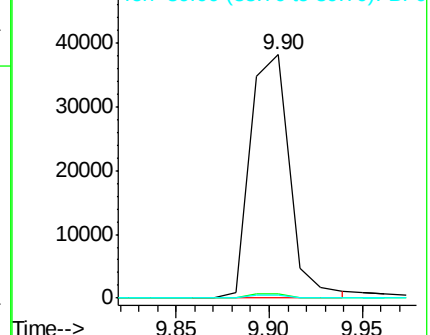
89 1.4 39.8 59.6#

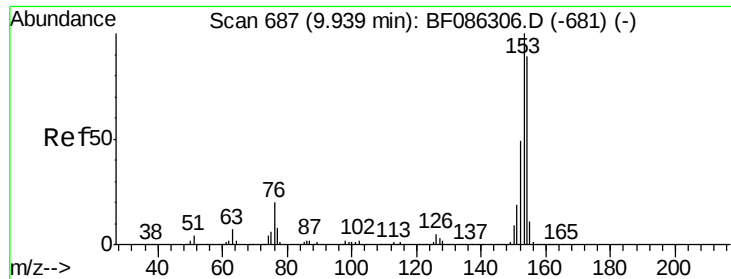


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.08 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

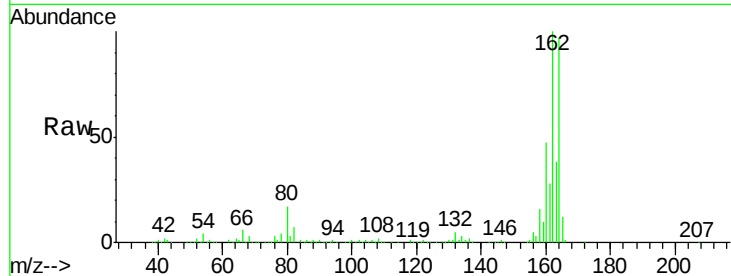
Tgt Ion:154 Resp: 2009

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

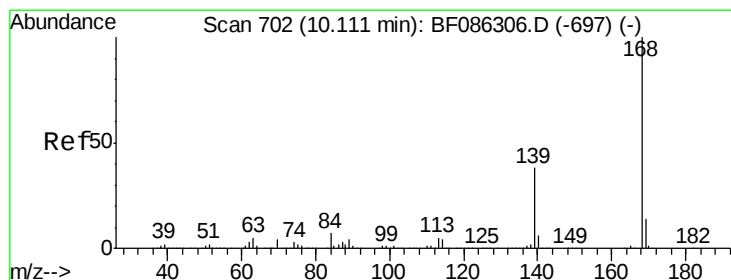
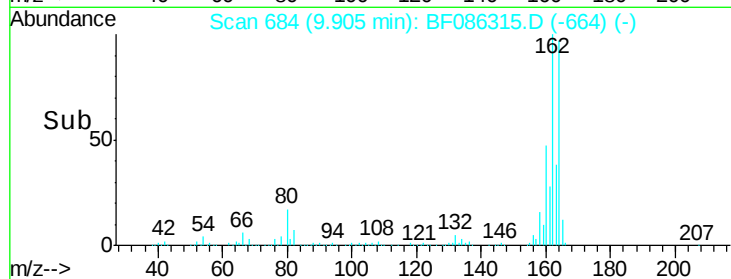
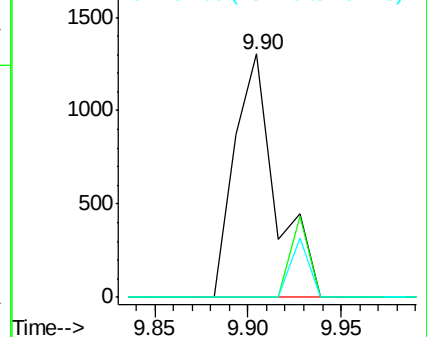
152 0.0 44.3 66.5#



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: 0.04 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

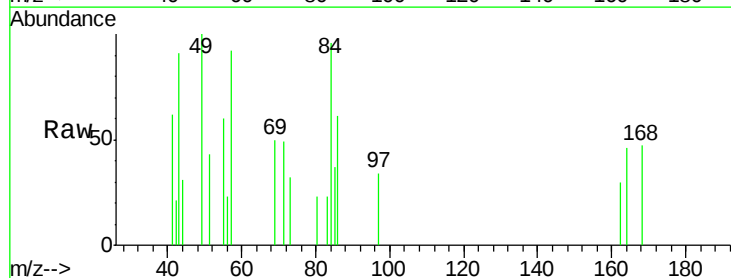
Tgt Ion:168 Resp: 1221

Ion Ratio Lower Upper

168 100

139 0.0 29.5 44.3#

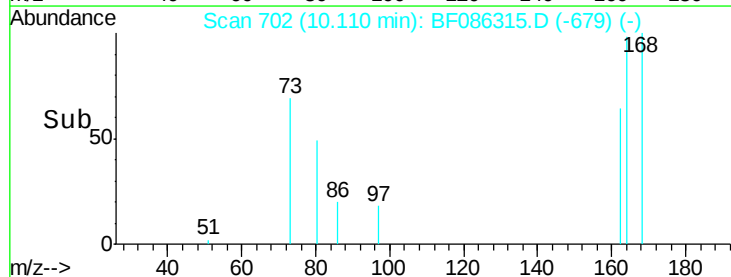
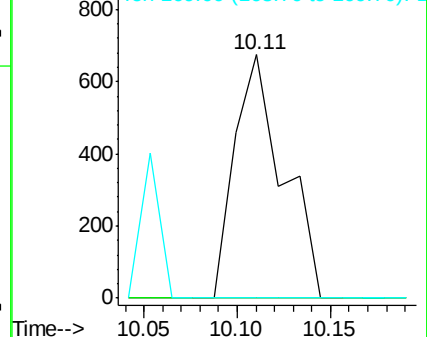
169 0.0 10.6 16.0#

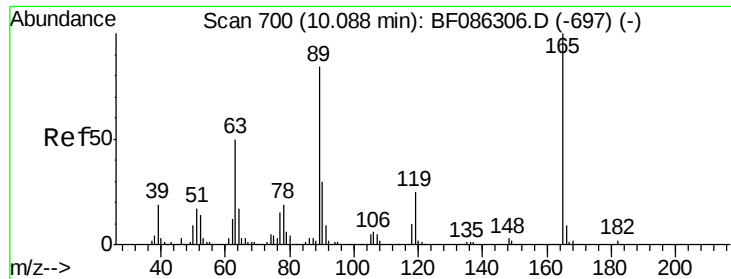


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

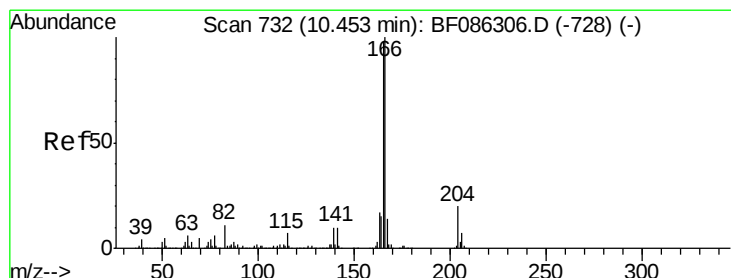
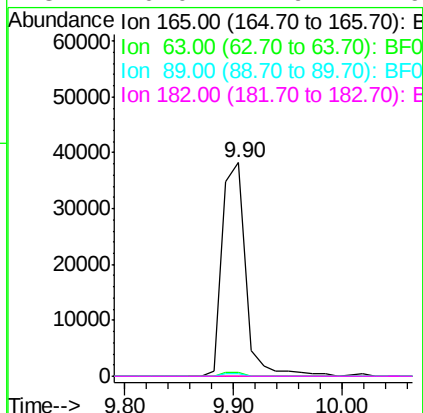
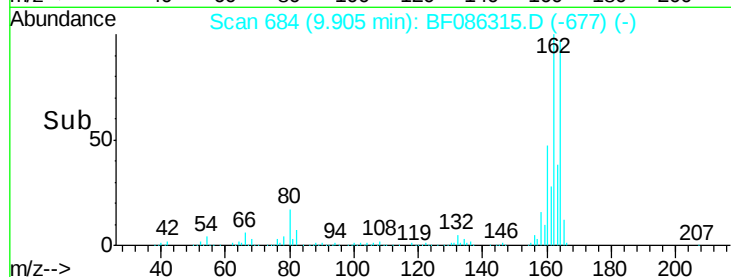
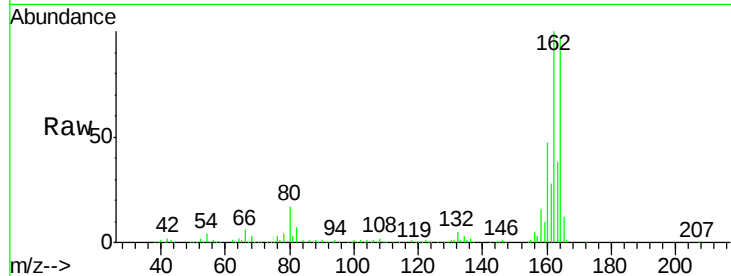




#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

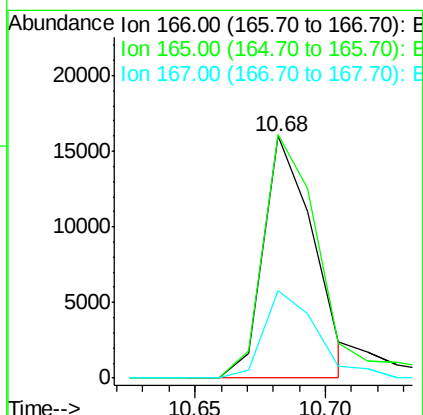
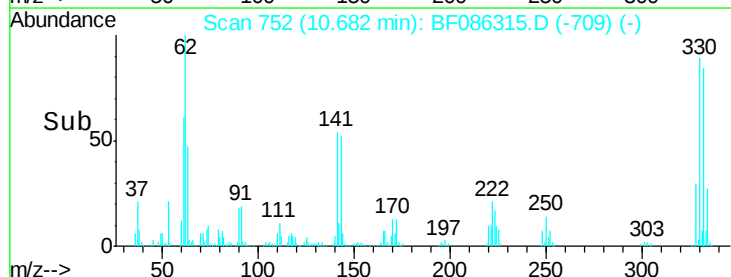
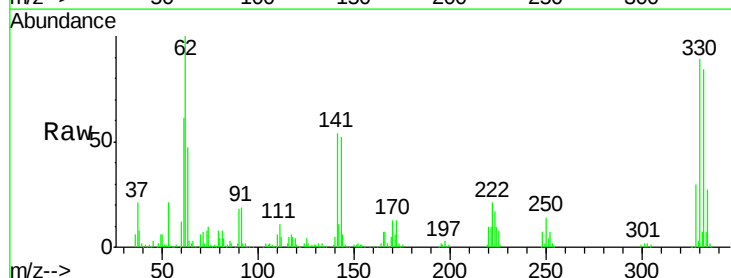
Instrument :
BNA_F
ClientSampleId :
MW-6

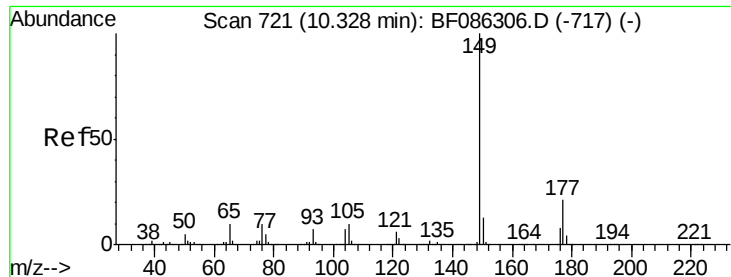
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	26.6	40.0#
89	1.4	49.5	74.3#
182	0.0	1.9	2.9#



#57
Fluorene
Concen: 0.84 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.19 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.6	117.8
167	36.0	10.4	15.6#

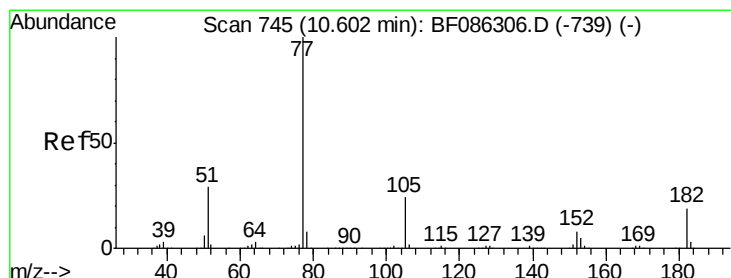
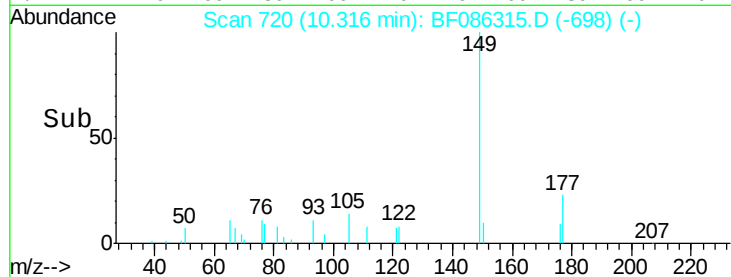
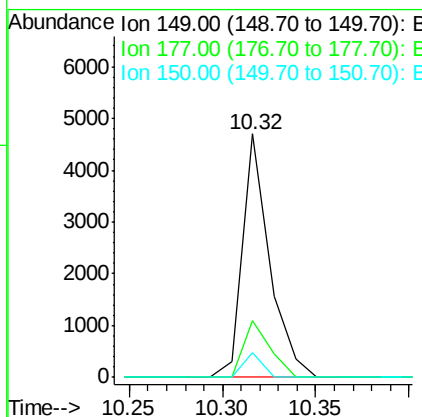
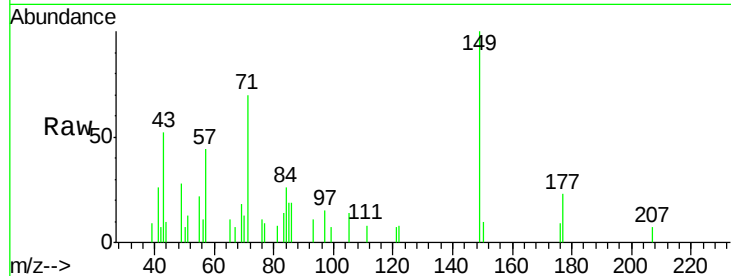




#59
Diethylphthalate
Concen: 0.14 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

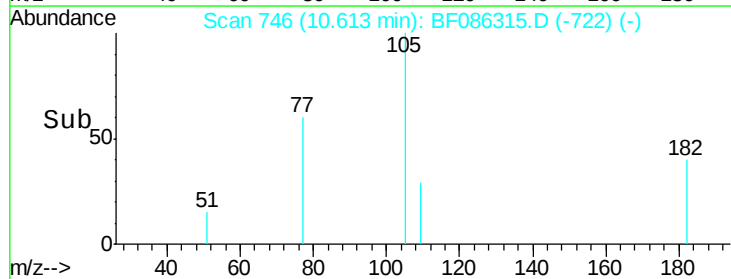
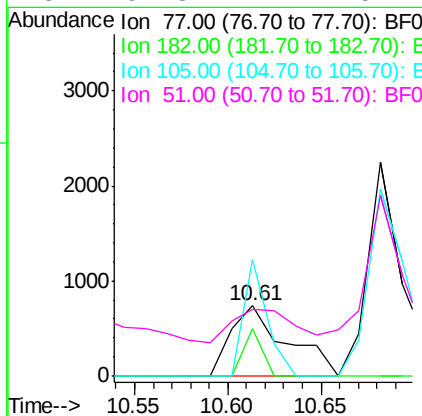
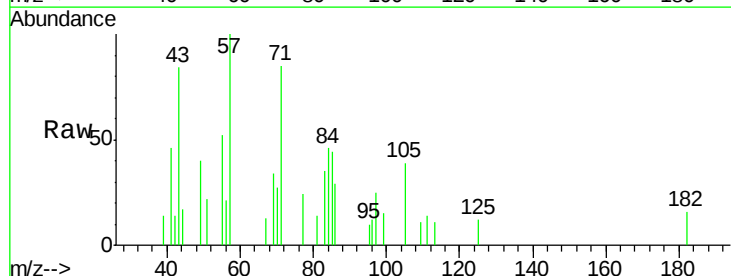
Instrument :
BNA_F
ClientSampleId :
MW-6

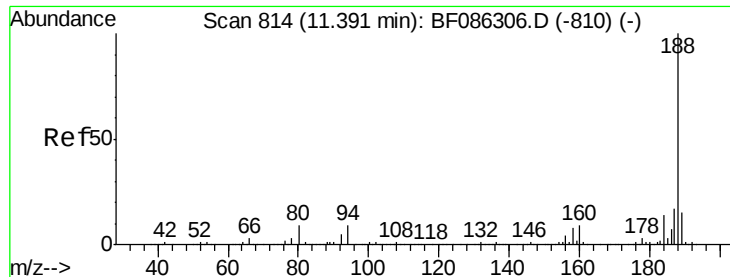
Tgt Ion: 149 Resp: 4751
Ion Ratio Lower Upper
149 100
177 23.5 17.0 25.6
150 10.3 10.2 15.4



#62
Azobenzene
Concen: 0.05 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Tgt Ion: 77 Resp: 1542
Ion Ratio Lower Upper
77 100
182 67.0 2.3 42.3#
105 165.9 3.4 43.4#
51 94.3 11.7 51.7#

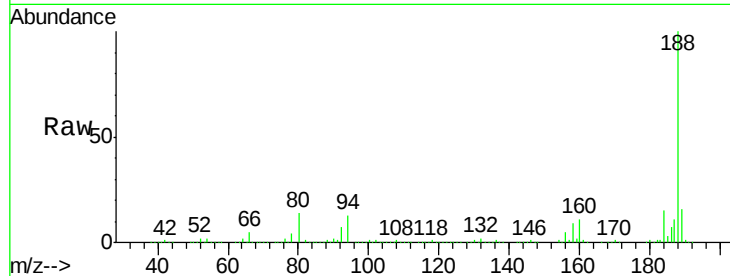




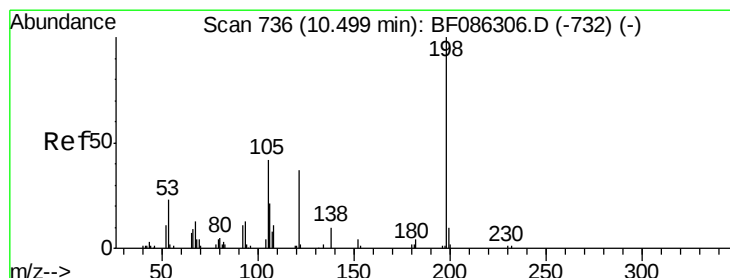
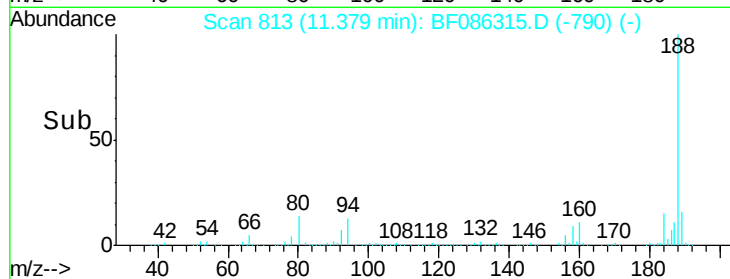
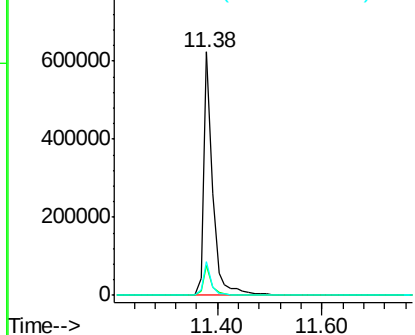
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tgt Ion:188 Resp: 744264
 Ion Ratio Lower Upper
 188 100
 94 12.5 9.8 14.8
 80 13.8 10.5 15.7

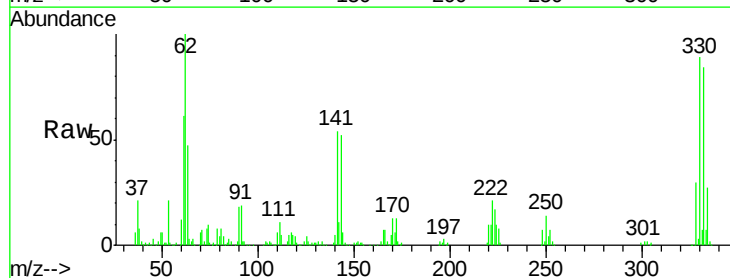


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

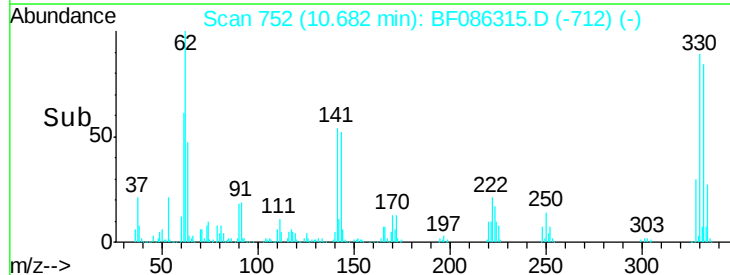
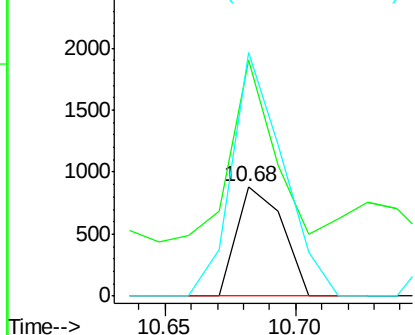


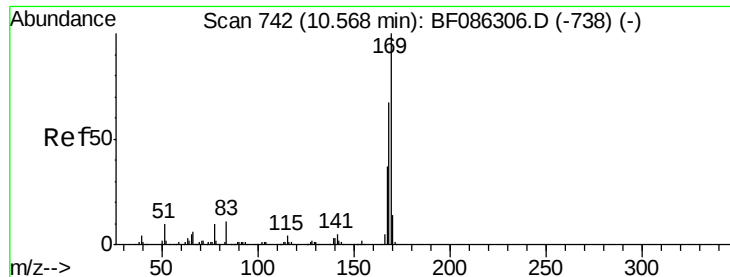
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.46 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.16 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Tgt Ion:198 Resp: 1080
 Ion Ratio Lower Upper
 198 100
 51 215.3 56.5 96.5#
 105 221.9 48.0 88.0#



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





#65

n-Nitrosodiphenylamine

Concen: 0.66 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.09 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

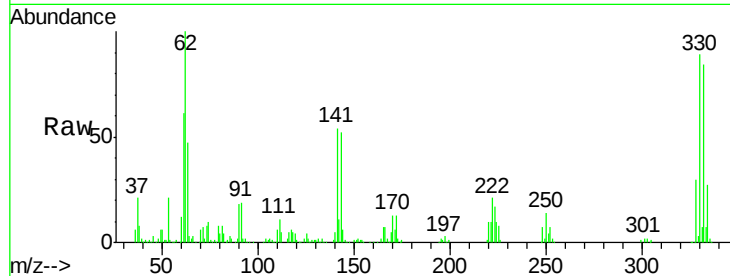
Tgt Ion:169 Resp: 16110

Ion Ratio Lower Upper

169 100

168 10.2 54.3 81.5#

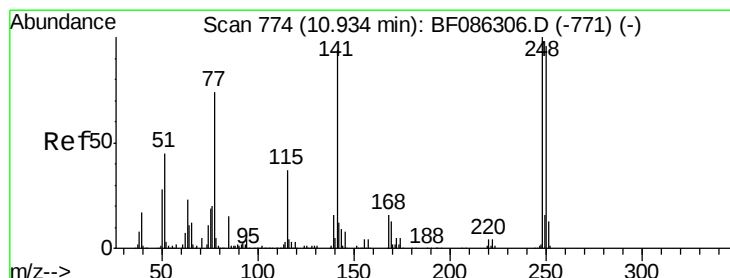
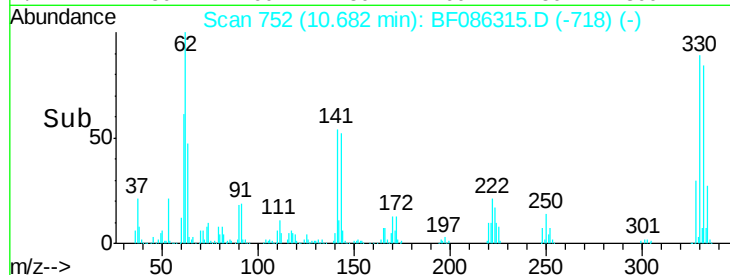
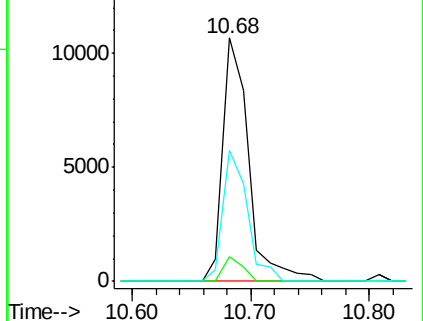
167 53.9 30.2 45.2#



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: 3.66 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.27 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

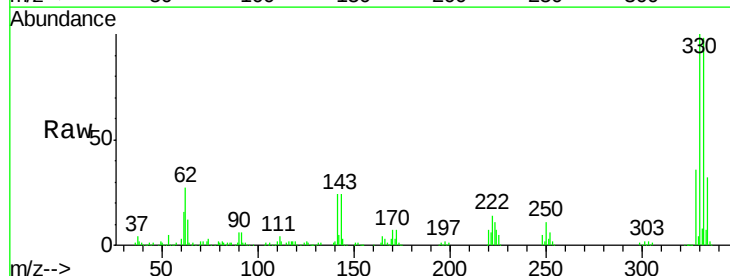
Tgt Ion:248 Resp: 29298

Ion Ratio Lower Upper

248 100

250 206.7 78.6 118.0#

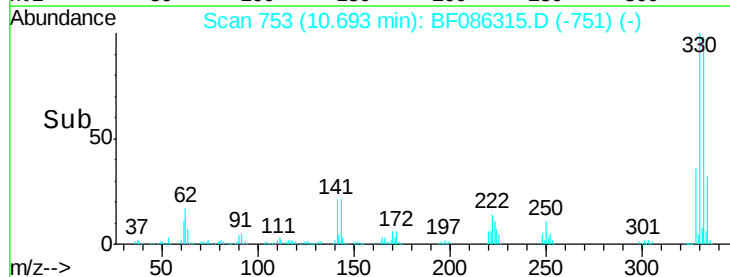
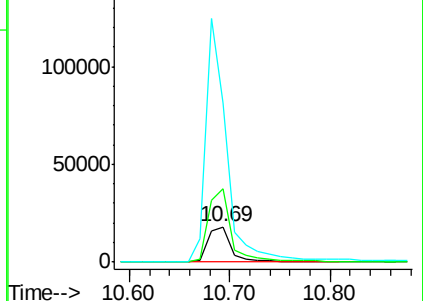
141 450.7 57.9 86.9#

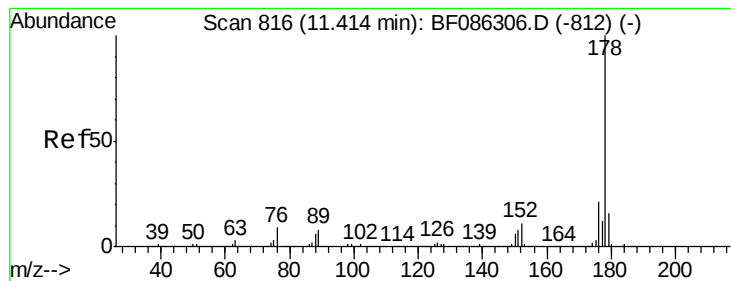


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.08 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

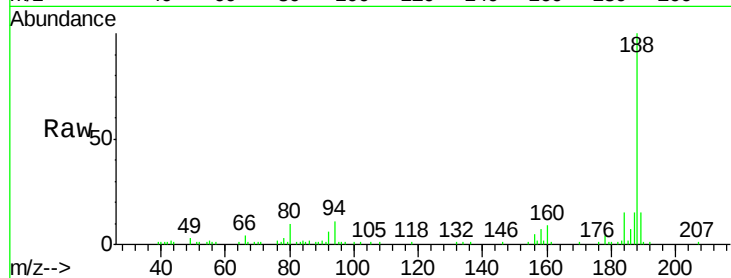
Tgt Ion:178 Resp: 2657

Ion Ratio Lower Upper

178 100

176 18.2 16.3 24.5

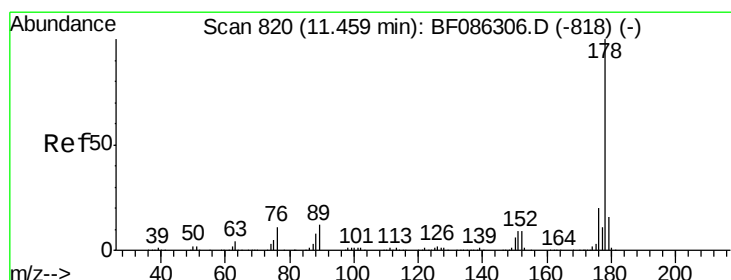
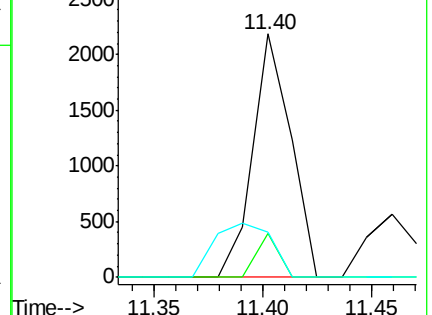
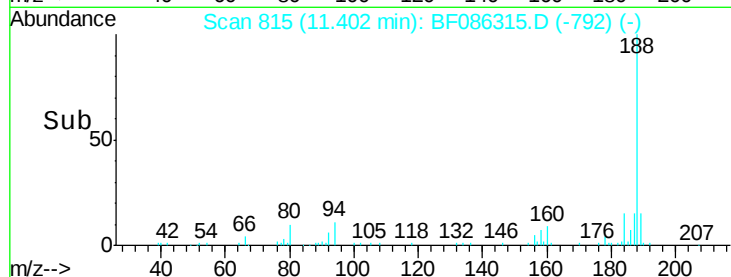
179 18.5 13.0 19.6



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: 0.07 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.09 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

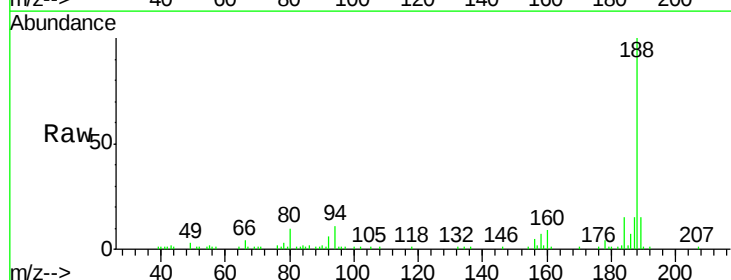
Tgt Ion:178 Resp: 2657

Ion Ratio Lower Upper

178 100

176 18.2 16.2 24.4

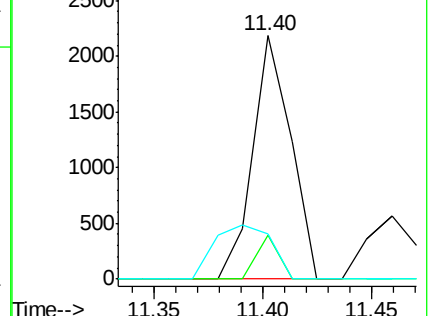
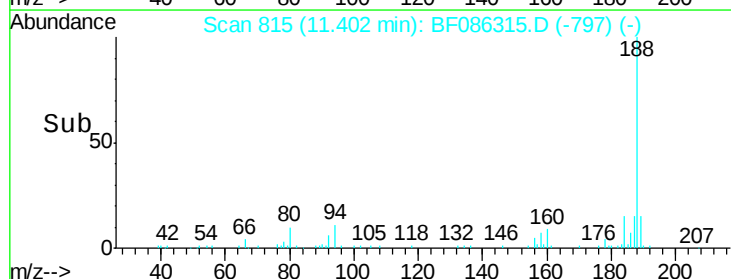
179 18.5 13.2 19.8

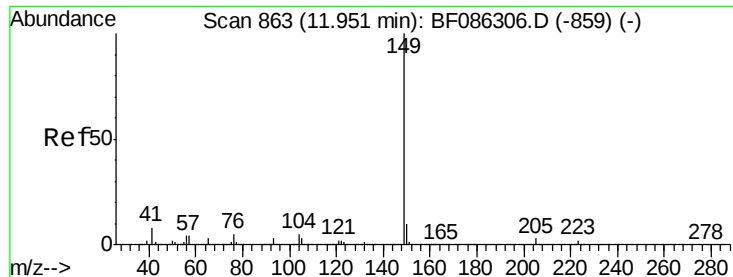


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.13 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

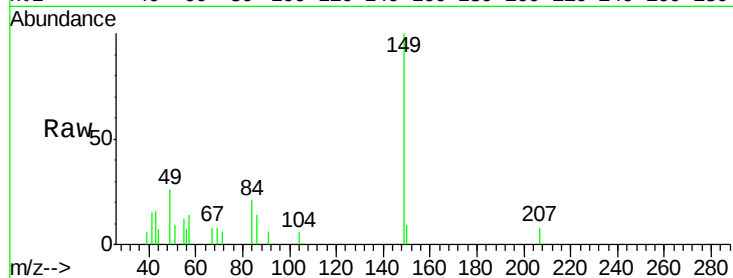
Tgt Ion:149 Resp: 6003

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

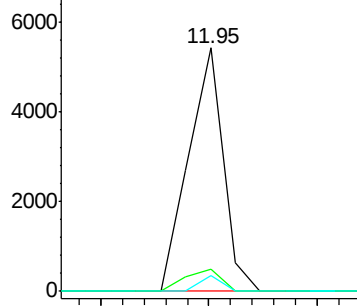
104 6.4 4.1 6.1#



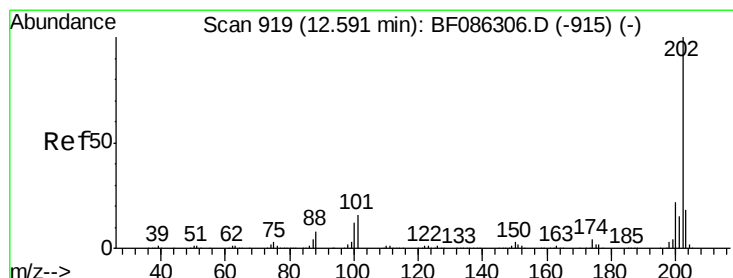
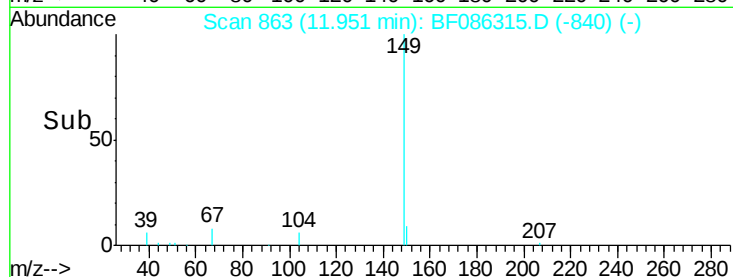
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 0.01 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

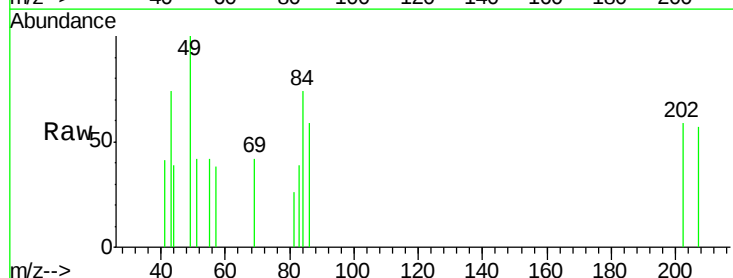
Tgt Ion:202 Resp: 488

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.2

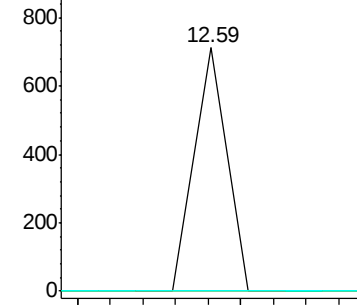
203 0.0 0.0 38.2



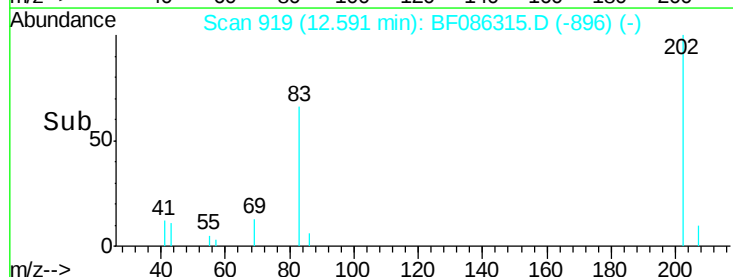
Abundance Ion 202.00 (201.70 to 202.70): E

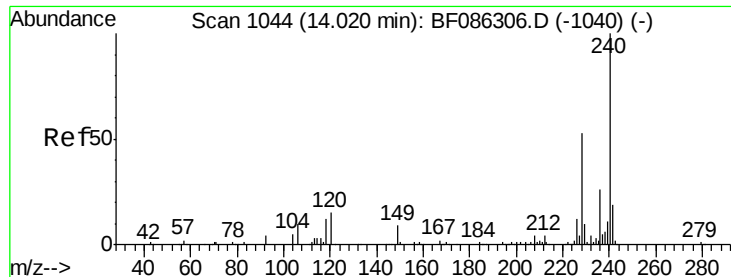
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

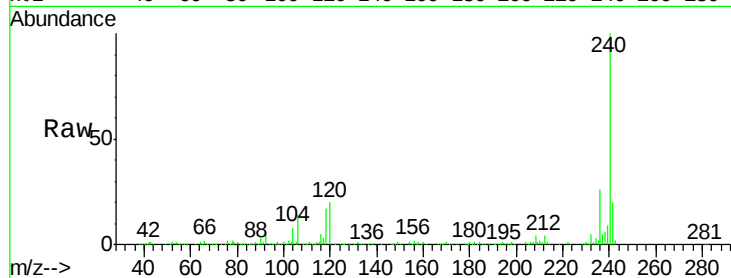
Tgt Ion:240 Resp: 439381

Ion Ratio Lower Upper

240 100

120 19.6 9.3 13.9#

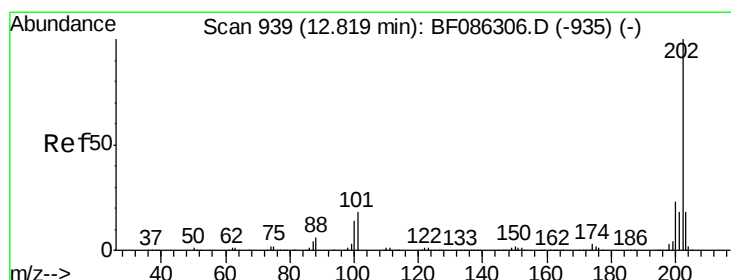
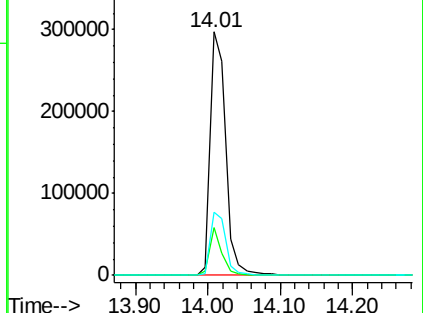
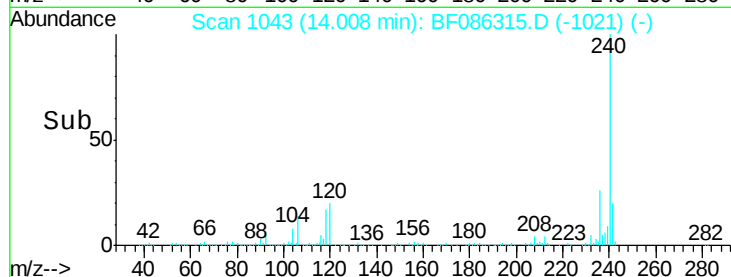
236 25.8 21.1 31.7



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: 0.01 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

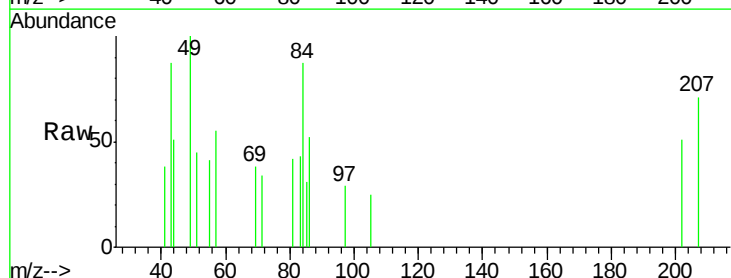
Tgt Ion:202 Resp: 418

Ion Ratio Lower Upper

202 100

200 0.0 18.3 27.5#

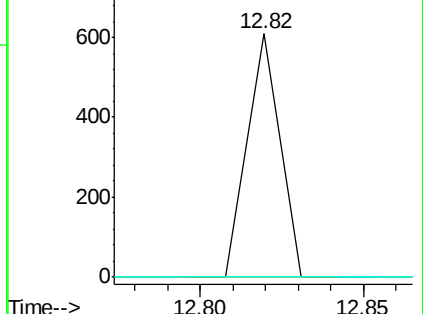
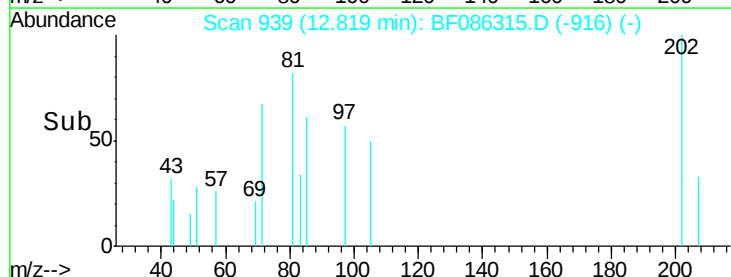
203 0.0 14.9 22.3#

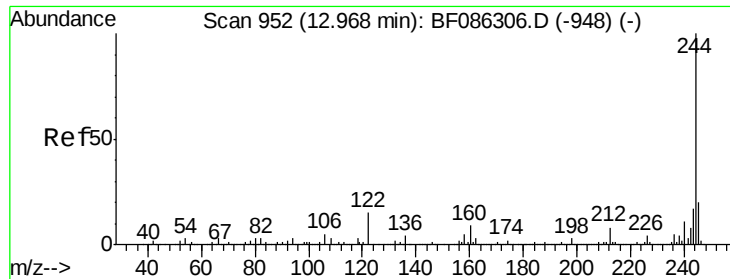


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

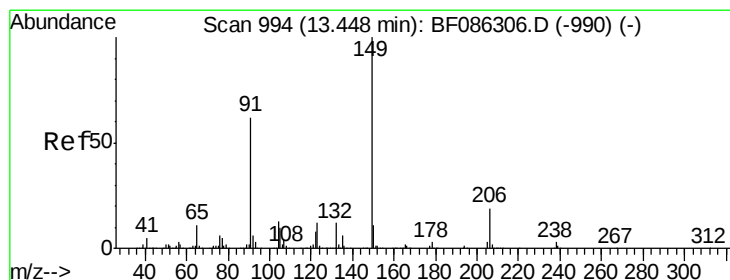
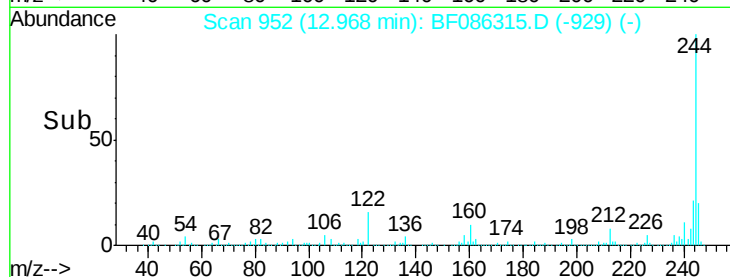
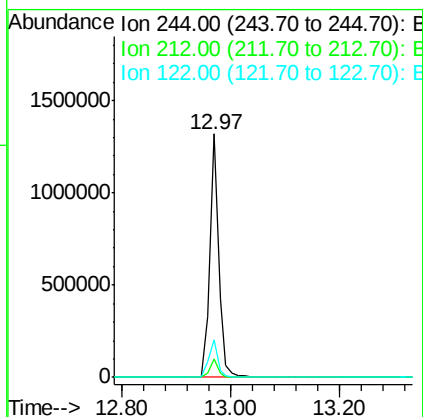
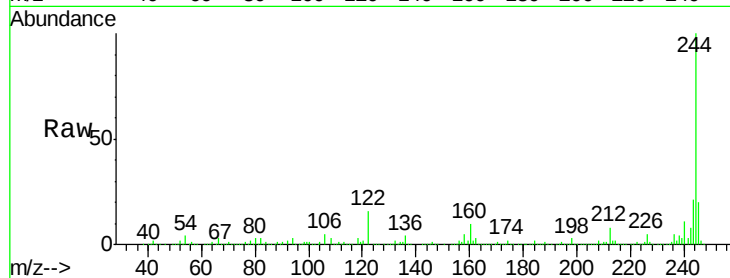




#78
 Terphenyl-d14
 Concen: 82.03 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

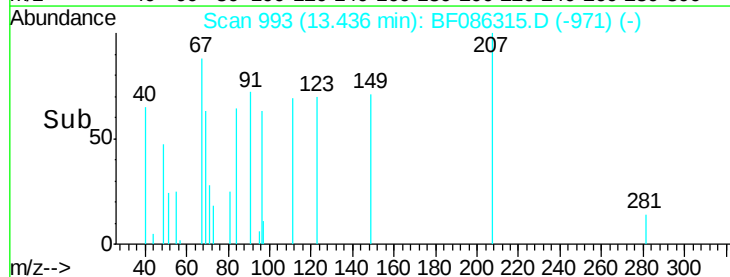
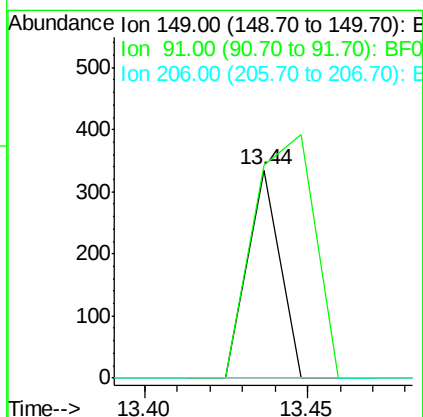
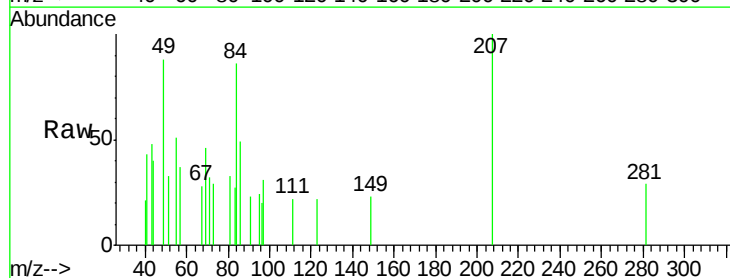
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

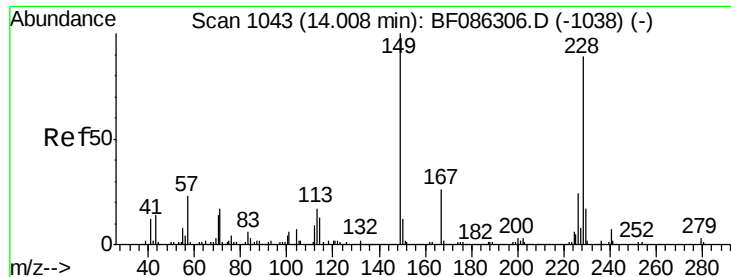
Tgt Ion:244 Resp: 1514172
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 15.7 11.7 17.5



#79
 Butylbenzylphthalate
 Concen: 0.01 ng
 RT: 13.44 min Scan# 993
 Delta R.T. -0.05 min
 Lab File: BF086315.D
 Acq: 20 Apr 2016 18:16

Tgt Ion:149 Resp: 230
 Ion Ratio Lower Upper
 149 100
 91 102.4 48.7 73.1#
 206 0.0 15.7 23.5#





#80

Benzo(a)anthracene

Concen: 0.09 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

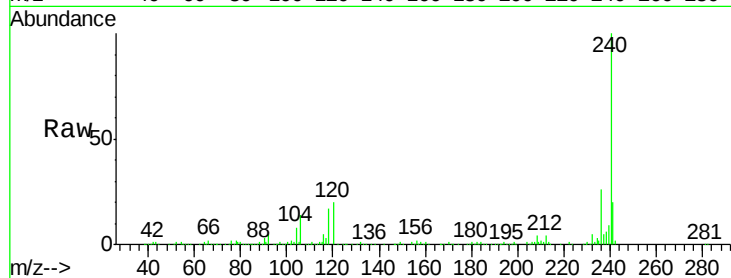
Tgt Ion:228 Resp: 2100

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

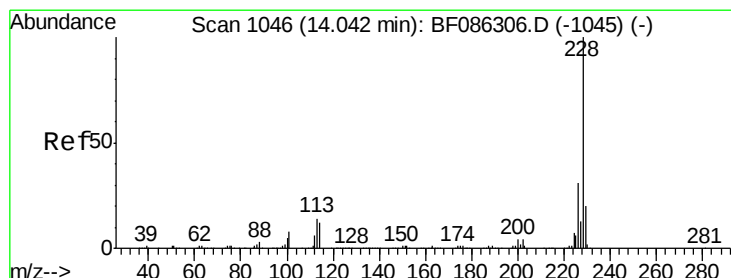
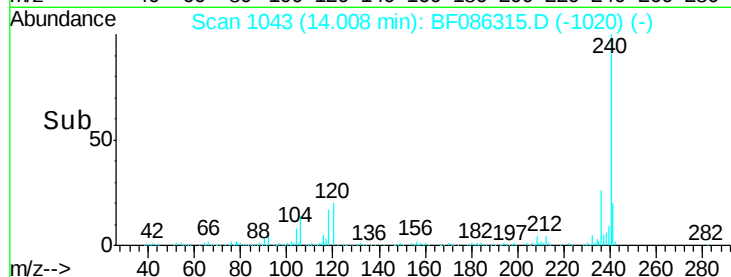
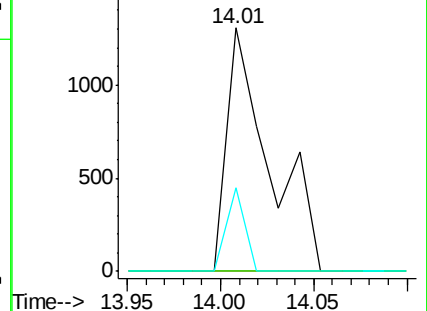
229 34.2 16.2 24.2#



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: 0.08 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.07 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

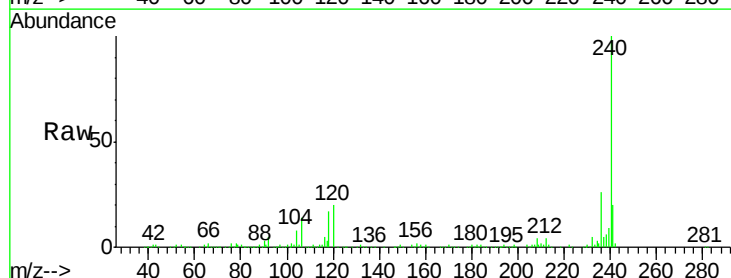
Tgt Ion:228 Resp: 2100

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.2#

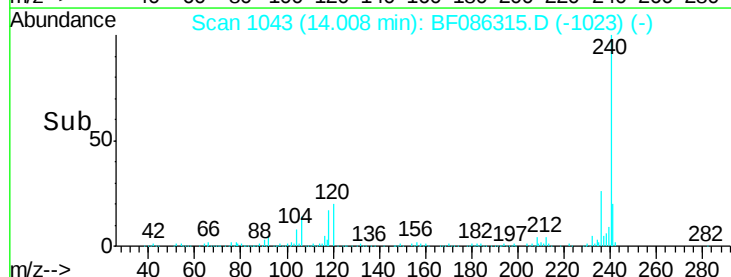
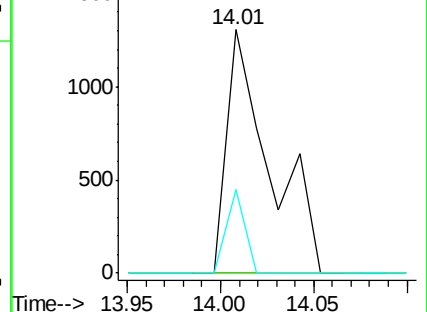
229 34.2 16.5 24.7#

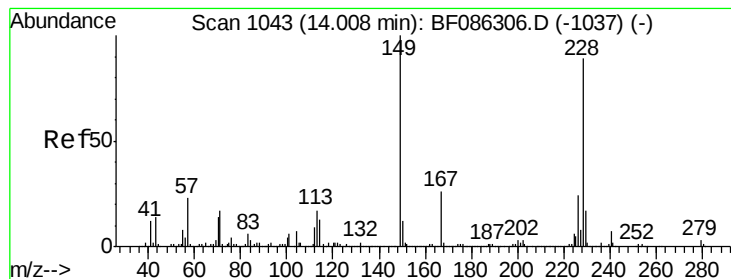


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

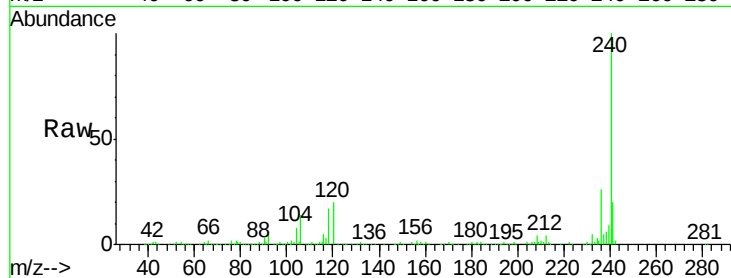
Tgt Ion:149 Resp: 4592

Ion Ratio Lower Upper

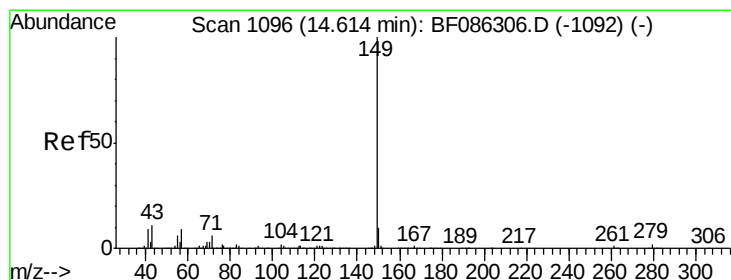
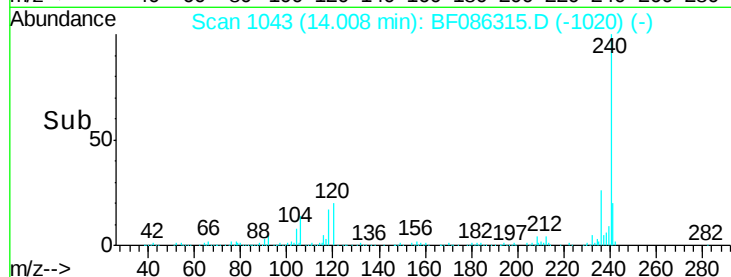
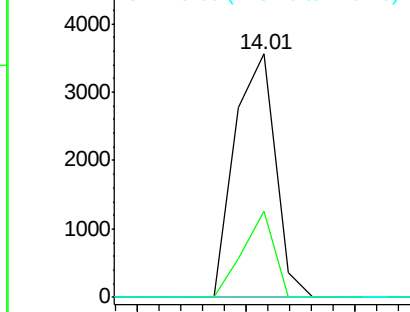
149 100

167 35.2 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: 0.01 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.03 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

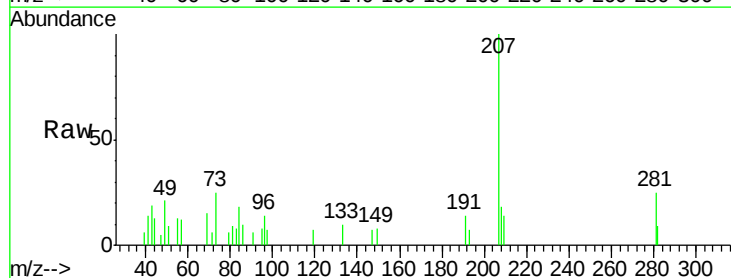
Tgt Ion:149 Resp: 536

Ion Ratio Lower Upper

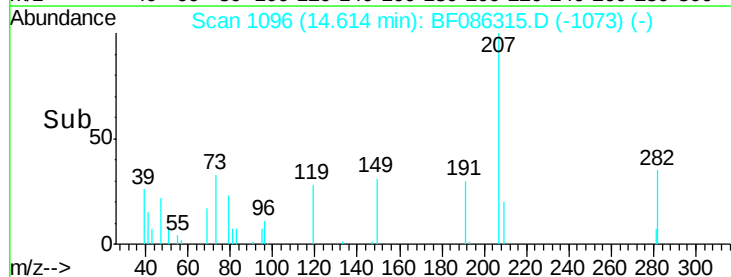
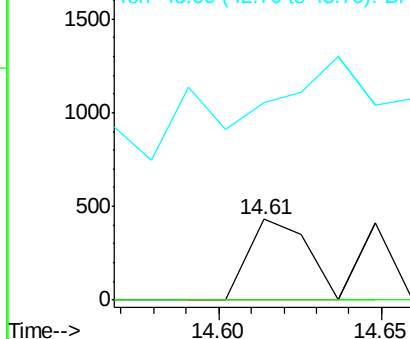
149 100

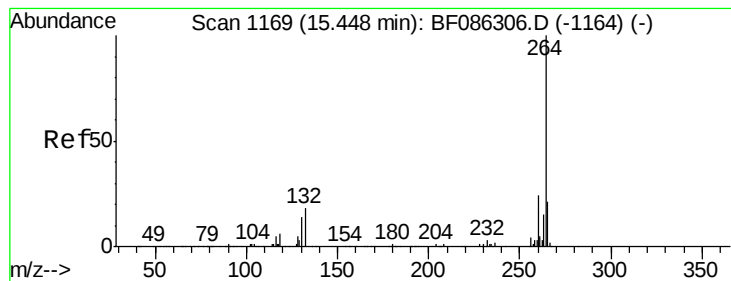
167 0.0 1.1 1.7#

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: BF086315.D

Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6

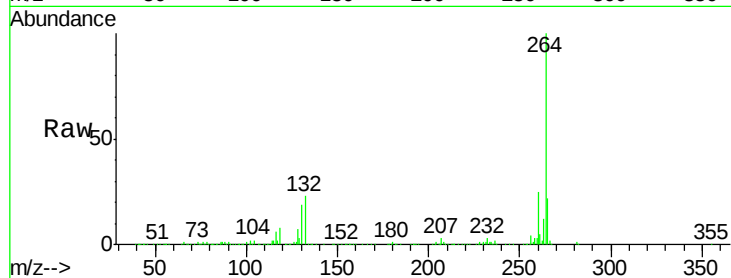
Tgt Ion:264 Resp: 427158

Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

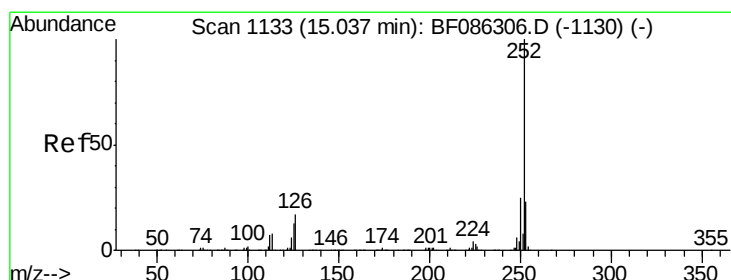
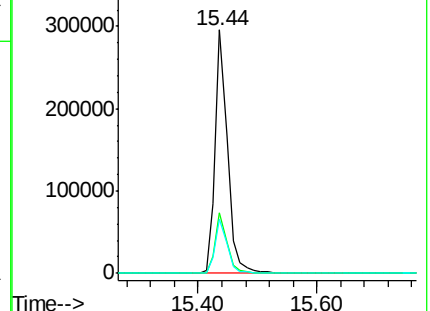
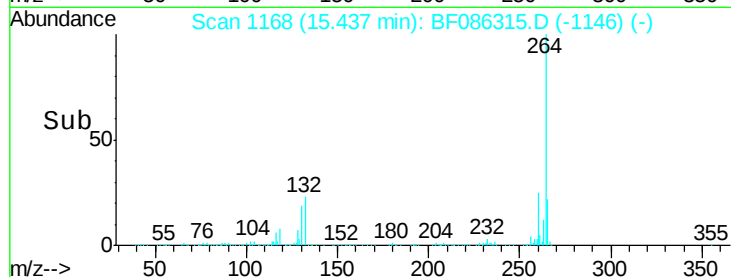
265 22.1 17.4 26.0



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: 0.01 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.05 min

Lab File: BF086315.D

Acq: 20 Apr 2016 18:16

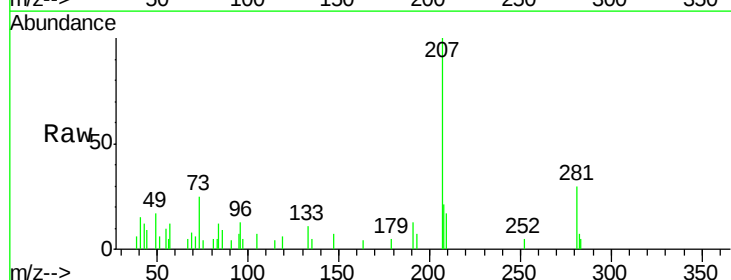
Tgt Ion:252 Resp: 267

Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

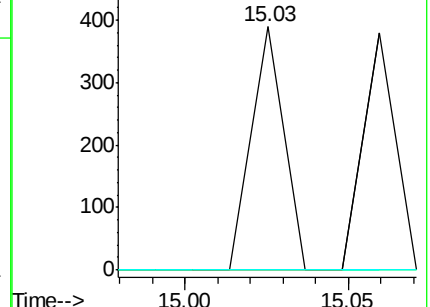
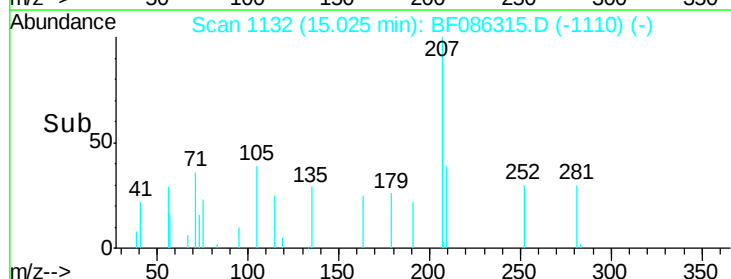
125 0.0 10.3 15.5#

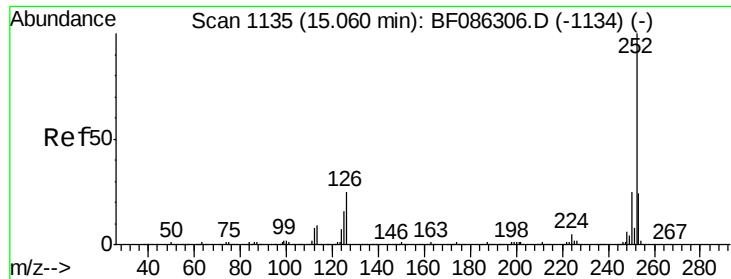


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

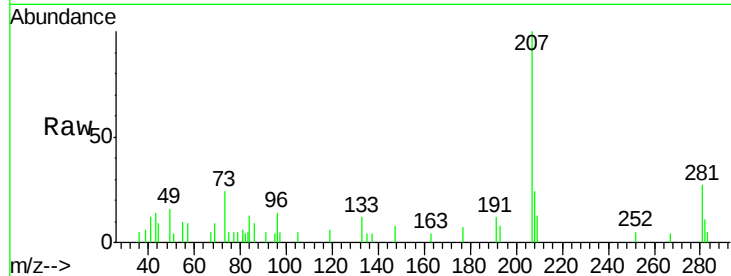




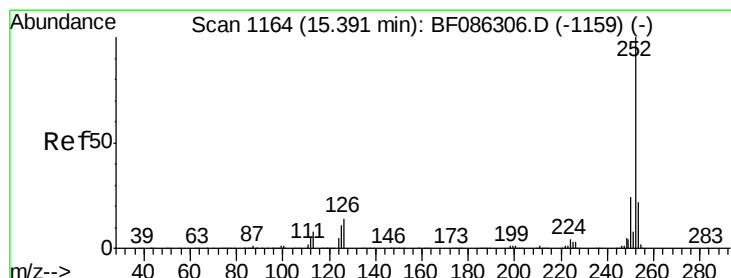
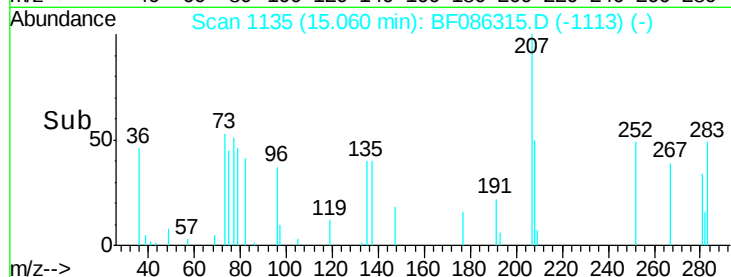
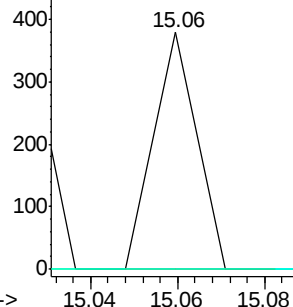
#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 252 Resp: 260
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 7.8 11.6#

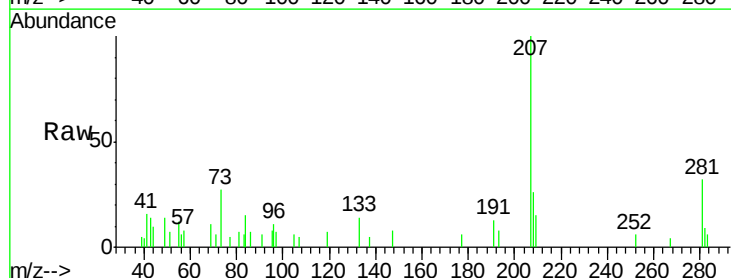


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

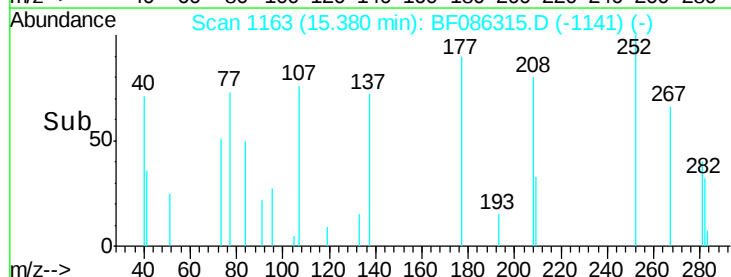
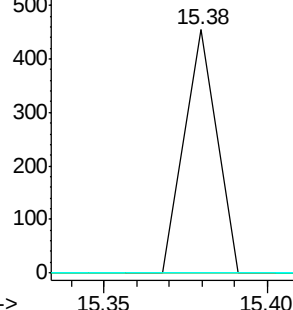


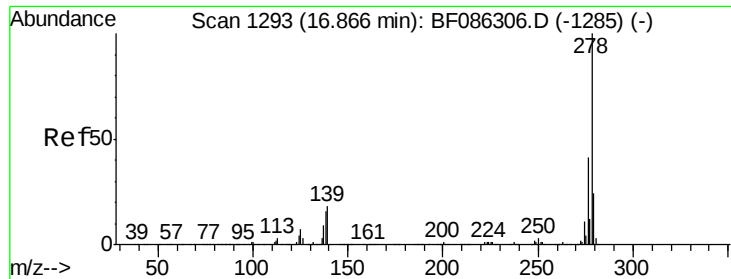
#89
Benzo(a)pyrene
Concen: 0.01 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF086315.D
Acq: 20 Apr 2016 18:16

Tgt Ion: 252 Resp: 312
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 11.2 16.8#



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





#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF086315.D

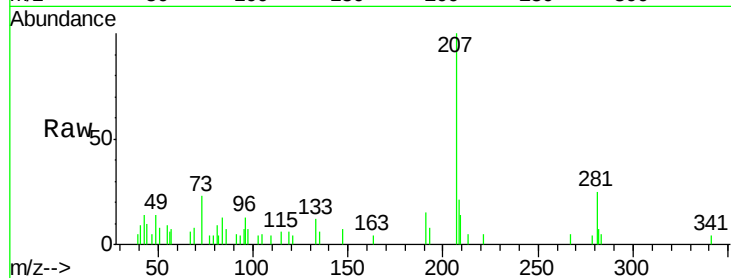
Acq: 20 Apr 2016 18:16

Instrument :

BNA_F

ClientSampleId :

MW-6



Tgt Ion:	278	Resp:	227
Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.3	22.9#
279	0.0	19.1	28.7#

