

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086190.D
 Acq On : 9 Apr 2016 1:34
 Operator : UM/SJ
 Sample : H2334-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

Quant Time: Apr 09 05:27:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	24472	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	48428	20.00	ng	0.01
38) Acenaphthene-d10	9.76	164	42748	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	14423	20.00	ng	-0.15
75) Chrysene-d12	13.91	240	197836	20.00	ng	-0.02
86) Perylene-d12	15.29	264	207515	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	154363	107.82	ng	-0.03
7) Phenol-d6	6.40	99	162596	89.41	ng	-0.02
23) Nitrobenzene-d5	7.32	82	188448	229.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	25118	62.60	ng	0.08
44) 2-Fluorobiphenyl	9.22	172	192903	75.03	ng	0.08
78) Terphenyl-d14	12.88	244	372051	44.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	2.97	42	6310	9.44	ng	# 1
6) Aniline	6.43	93	12536	5.25	ng	# 1
8) 2-Chlorophenol	6.28	128	4252	2.49	ng	# 1
9) Benzaldehyde	6.29	77	499625	510.59	ng	# 1
10) Phenol	6.41	94	6526	3.15	ng	# 1
11) bis(2-Chloroethyl)ether	6.43	93	12986	7.91	ng	# 1
15) Benzyl Alcohol	6.81	79	165647	140.79	ng	# 21
17) 2-Methylphenol	7.04	107	9420	7.00	ng	# 1
18) Hexachloroethane	7.33	117	1580373	2304.73	ng	# 1
19) n-Nitroso-di-n-propylamine	7.20	70	132377	117.44	ng	# 65
20) 3+4-Methylphenols	7.09	107	3491	2.13	ng	# 1
22) Acetophenone	7.09	105	636843	559.41	ng	# 60
24) Nitrobenzene	7.55	77	166823	185.69	ng	# 69
25) Isophorone	7.64	82	317148	195.65	ng	# 1
26) 2-Nitrophenol	7.74	139	101376	235.85	ng	# 1
27) 2,4-Dimethylphenol	7.77	122	44007	57.00	ng	# 1
28) bis(2-Chloroethoxy)methane	7.93	93	7461	7.84	ng	# 1
29) 2,4-Dichlorophenol	8.04	162	396837	608.01	ng	# 40
30) 1,2,4-Trichlorobenzene	8.03	180	22053	30.10	ng	# 1
31) Naphthalene	8.14	128	692797	284.40	ng	# 20
32) Benzoic acid	7.98	122	14165	25.01	ng	# 1
33) 4-Chloroaniline	8.14	127	231107	234.87	ng	# 1
35) Caprolactam	8.60	113	181705	877.57	ng	# 1
36) 4-Chloro-3-methylphenol	8.65	107	54841	74.75	ng	# 43
37) 2-Methylnaphthalene	8.89	142	1183329	743.62	ng	# 82
42) 2,4,6-Trichlorophenol	8.98	196	31905	38.67	ng	# 18
43) 2,4,5-Trichlorophenol	8.98	196	31905	38.09	ng	# 1
45) 1,1'-Biphenyl	9.09	154	104261	28.29	ng	# 83
46) 2-Chloronaphthalene	9.16	162	19031	7.12	ng	# 1
47) 2-Nitroaniline	9.41	65	54469	69.67	ng	# 54
48) Acenaphthylene	9.70	152	25160	5.88	ng	# 1
49) Dimethylphthalate	9.47	163	79529	25.10	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	129301	192.89	ng	# 80
51) Acenaphthene	9.81	154	16236	6.38	ng	# 65

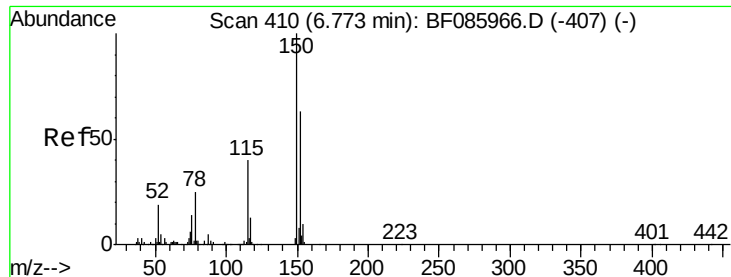
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) 3-Nitroaniline	9.73	138	42514	52.62	ng	# 1
53) 2,4-Dinitrophenol	9.84	184	2145	10.32	ng	# 1
54) Dibenzofuran	9.89	168	322134	95.82	ng	# 82
55) 4-Nitrophenol	9.95	139	65048	136.57	ng	# 1
56) 2,4-Dinitrotoluene	9.89	165	74814	88.32	ng	# 66
57) Fluorene	10.26	166	12358	4.30	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	9.98	232	4438	7.12	ng	# 31
59) Diethylphthalate	10.25	149	163303	51.07	ng	# 35
60) 4-Chlorophenyl-phenylether	10.25	204	98373	73.54	ng	# 1
61) 4-Nitroaniline	10.42	138	56879	71.49	ng	# 25
62) Azobenzene	10.44	77	180345	58.88	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.32	198	1653	18.91	ng	# 1
65) n-Nitrosodiphenylamine	10.26	169	65676	145.60	ng	# 59
66) 4-Bromophenyl-phenylether	10.69	248	7534	51.16	ng	# 1
68) Atrazine	10.88	200	30878	211.87	ng	# 6
69) Pentachlorophenol	10.98	266	2829	39.64	ng	# 47
70) Phenanthrene	11.02	178	74895	95.18	ng	# 1
71) Anthracene	11.39	178	188600	228.82	ng	# 47
72) Carbazole	11.41	167	156161	220.40	ng	# 1
73) Di-n-butylphthalate	11.74	149	95531	108.81	ng	# 1
74) Fluoranthene	12.30	202	13157	16.08	ng	# 1
77) Pyrene	12.75	202	201253	14.44	ng	# 91
79) Butylbenzylphthalate	13.47	149	38139	6.08	ng	# 15
80) Benzo(a)anthracene	13.93	228	25163	2.16	ng	# 1
82) Chrysene	13.93	228	25072	2.23	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.79	149	21467	2.58	ng	# 2

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

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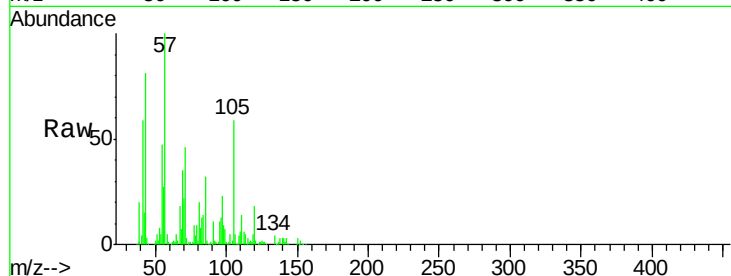
Tgt Ion:152 Resp: 24472

Ion Ratio Lower Upper

152 100

150 148.0 124.2 186.2

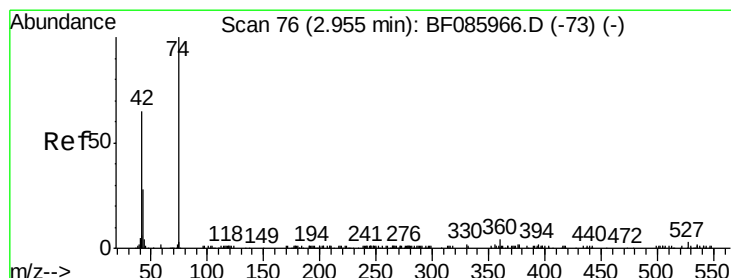
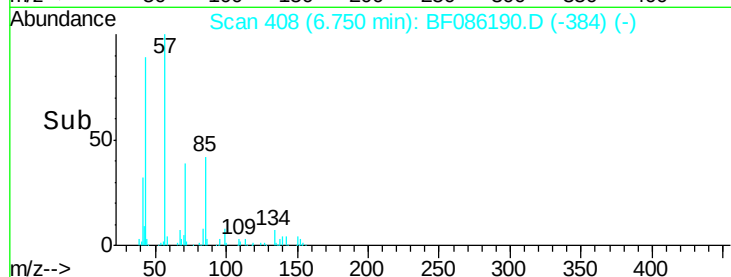
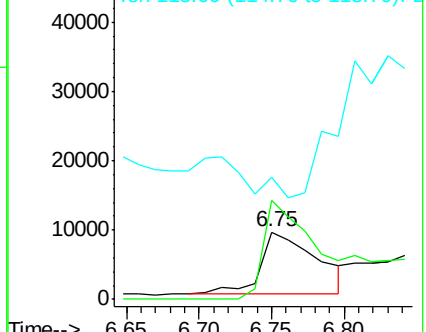
115 181.3 47.0 70.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine

Concen: 9.44 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.01 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

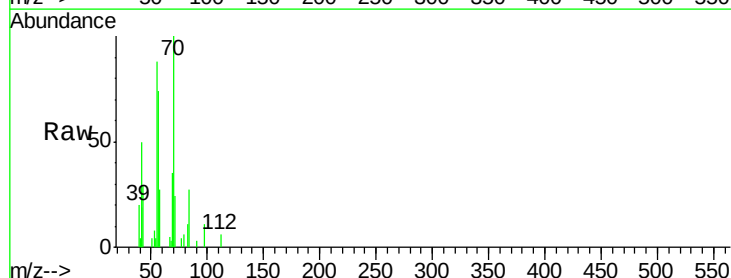
Tgt Ion: 42 Resp: 6310

Ion Ratio Lower Upper

42 100

74 0.0 121.4 182.2#

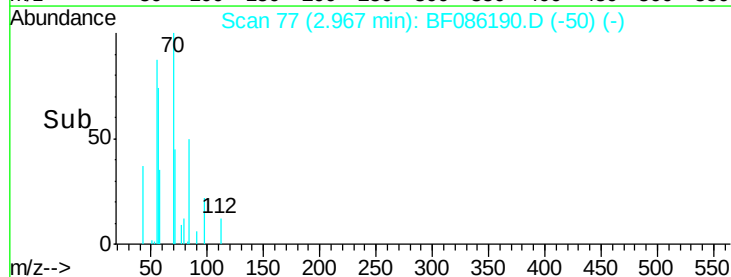
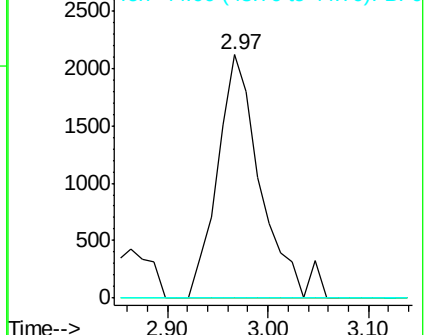
44 0.0 5.6 8.4#

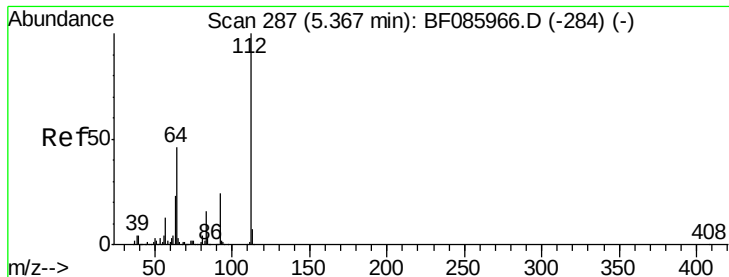


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 107.82 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

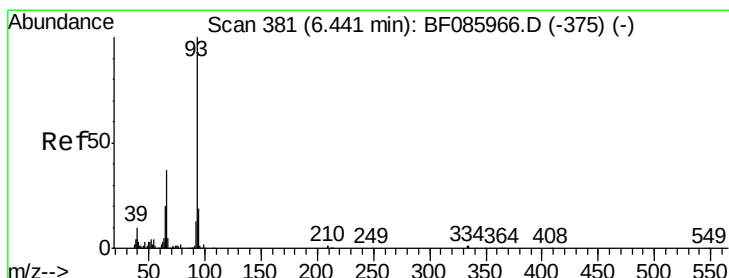
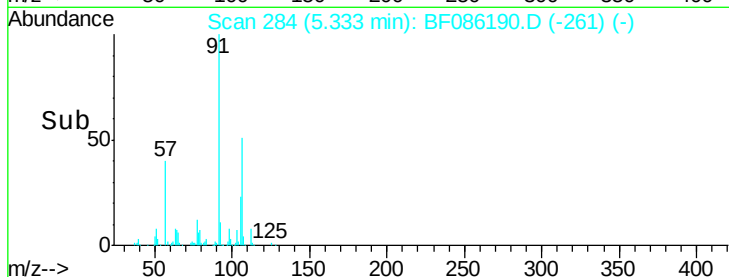
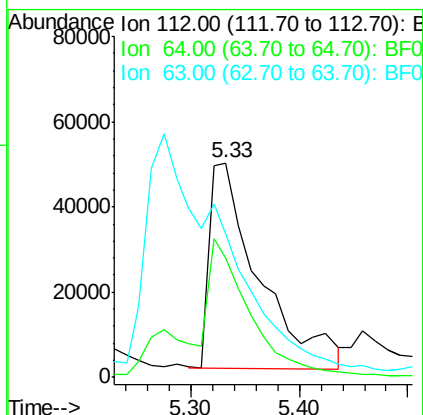
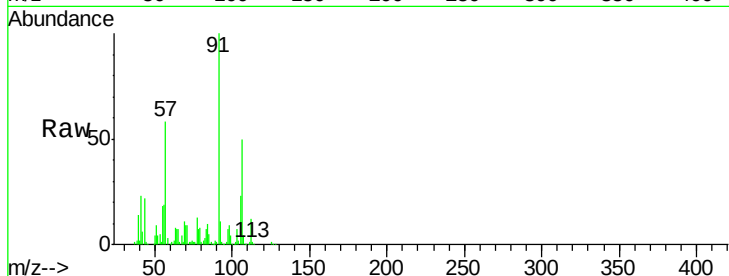
Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

Tgt Ion:	112	Resp:	154363
Ion Ratio		Lower	Upper
112	100		
64	56.0	39.9	59.9
63	67.2	20.2	30.2#



#6

Aniline

Concen: 5.25 ng

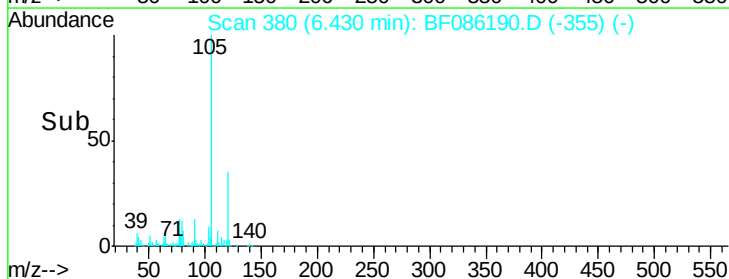
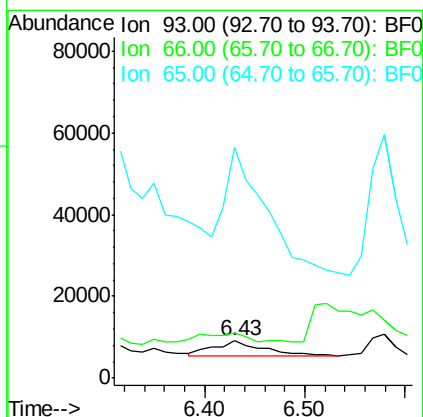
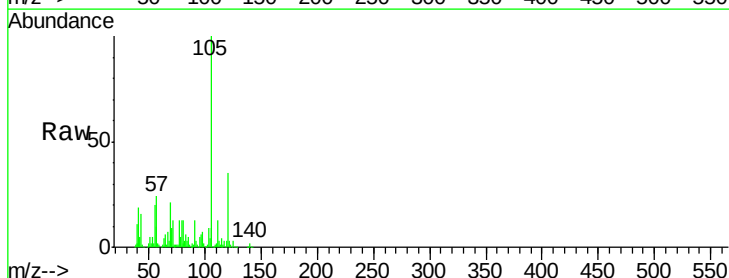
RT: 6.43 min Scan# 380

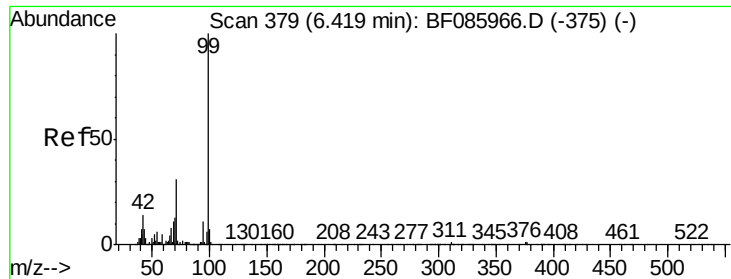
Delta R.T. -0.01 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Tgt Ion:	93	Resp:	12536
Ion Ratio		Lower	Upper
93	100		
66	122.2	31.4	47.2#
65	617.0	15.7	23.5#





#7

Phenol-d6

Concen: 89.41 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

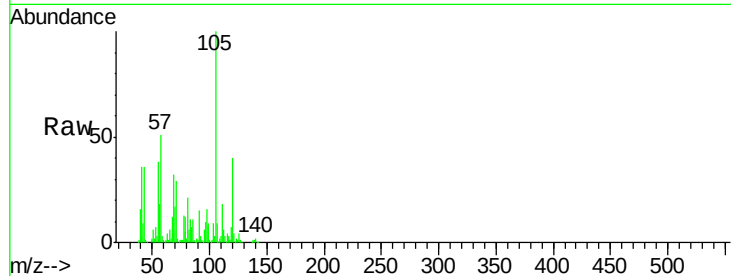
Tgt Ion: 99 Resp: 162596

Ion Ratio Lower Upper

99 100

42 119.4 11.1 16.7#

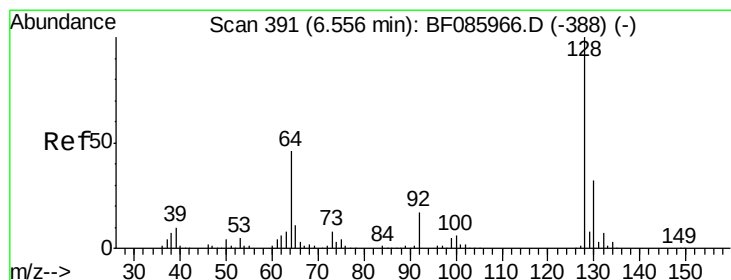
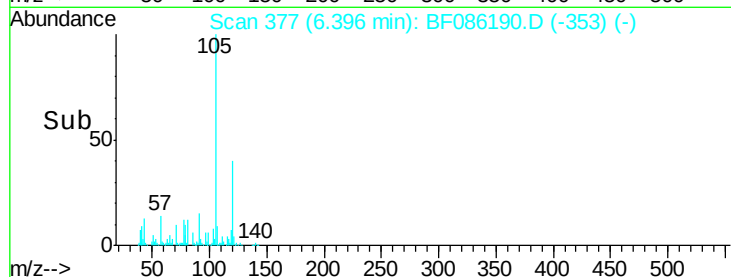
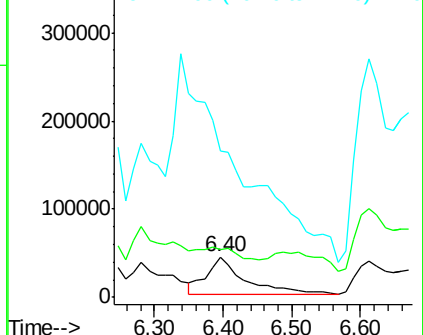
71 366.5 24.9 37.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 2.49 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.27 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

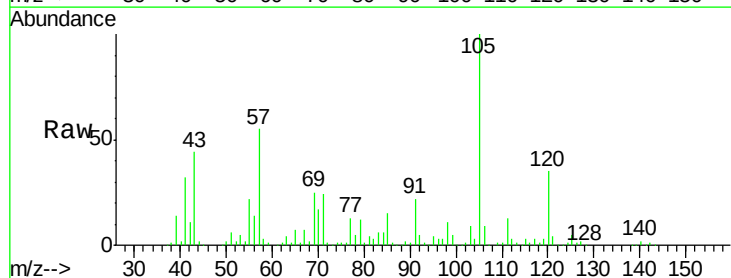
Tgt Ion: 128 Resp: 4252

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

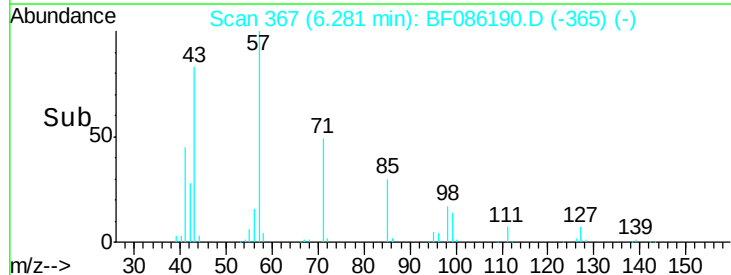
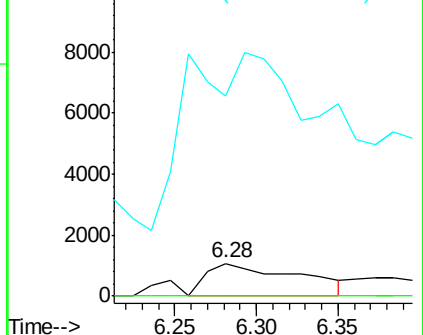
64 617.1 20.2 60.2#

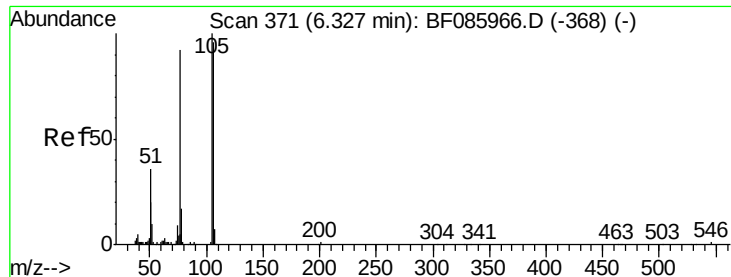


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 510.59 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF086190.D

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ClientSampleId :

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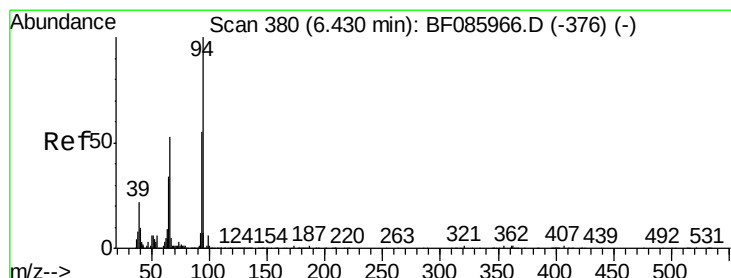
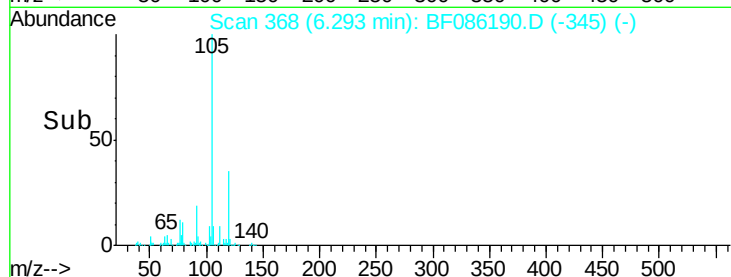
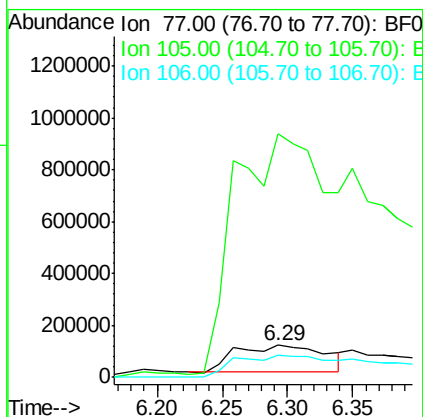
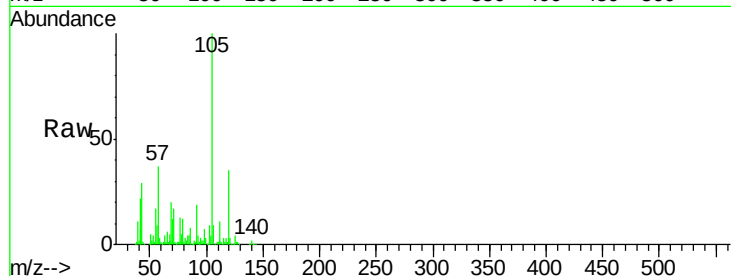
Tgt Ion: 77 Resp: 499625

Ion Ratio Lower Upper

77 100

105 758.3 80.1 120.1#

106 68.4 75.0 115.0#



#10

Phenol

Concen: 3.15 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

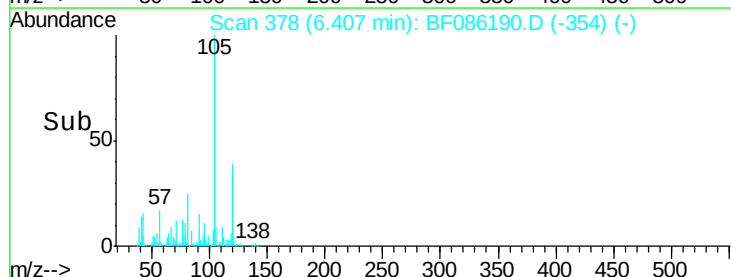
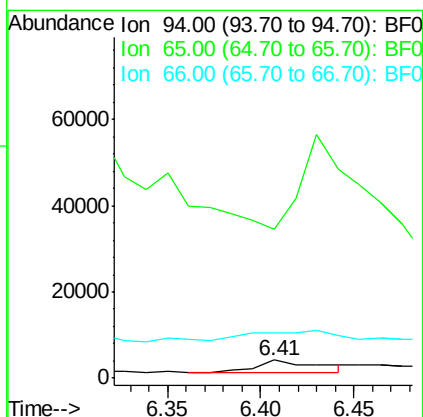
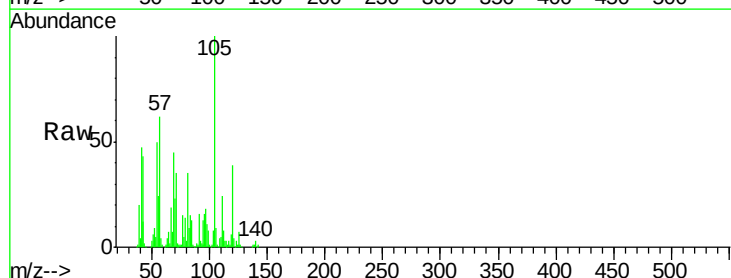
Tgt Ion: 94 Resp: 6526

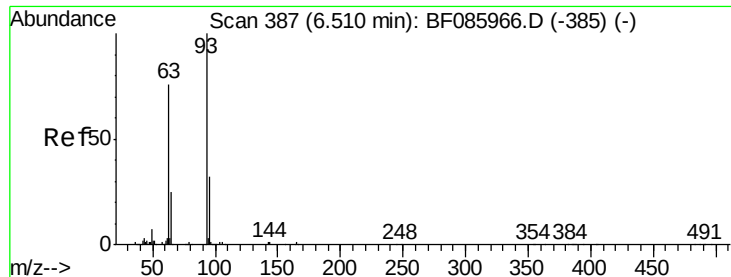
Ion Ratio Lower Upper

94 100

65 840.3 8.6 48.6#

66 257.5 20.0 60.0#





#11

bis(2-Chloroethyl)ether

Concen: 7.91 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.08 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

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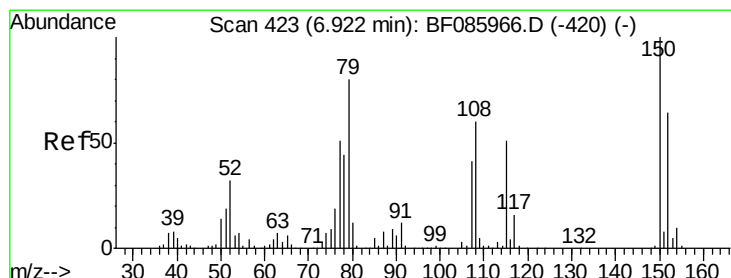
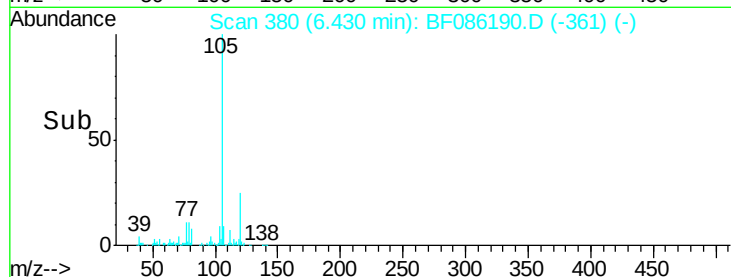
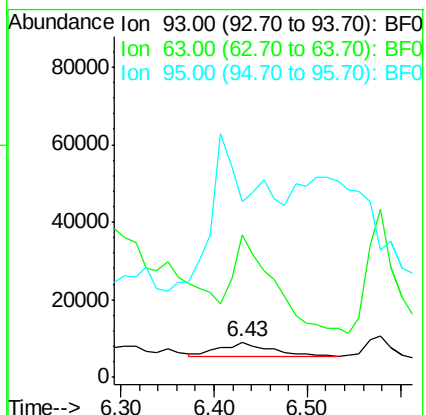
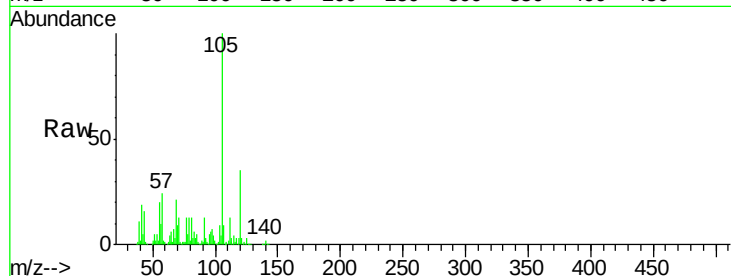
Tgt Ion: 93 Resp: 12986

Ion Ratio Lower Upper

93 100

63 401.0 50.9 90.9#

95 494.9 13.3 53.3#



#15

Benzyl Alcohol

Concen: 140.79 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.11 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

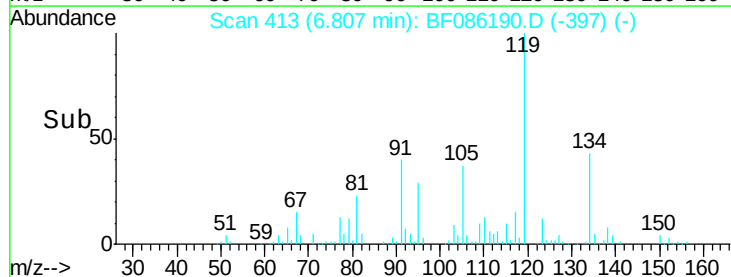
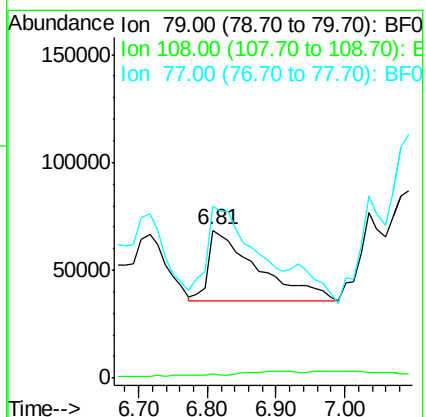
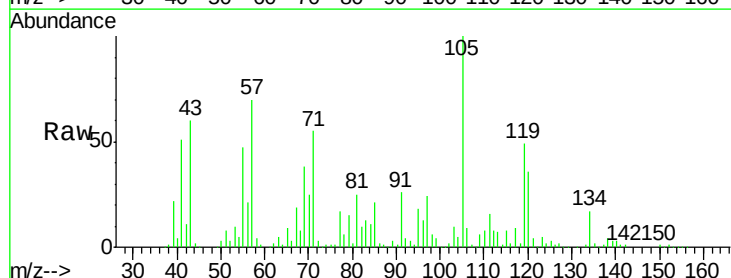
Tgt Ion: 79 Resp: 165647

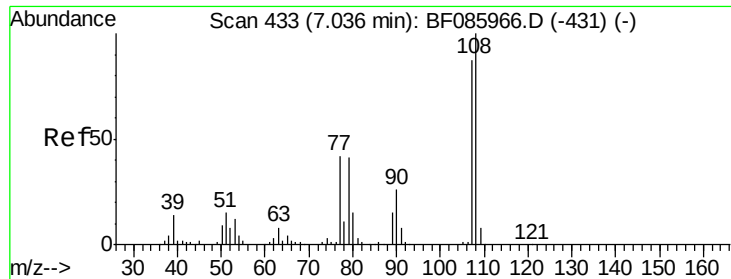
Ion Ratio Lower Upper

79 100

108 2.6 61.8 92.6#

77 116.4 49.6 74.4#

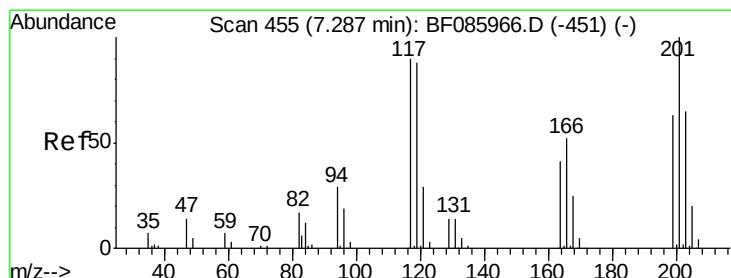
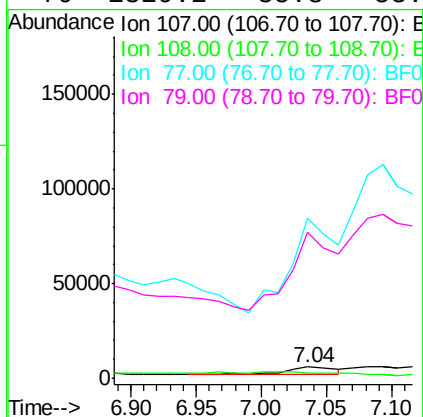
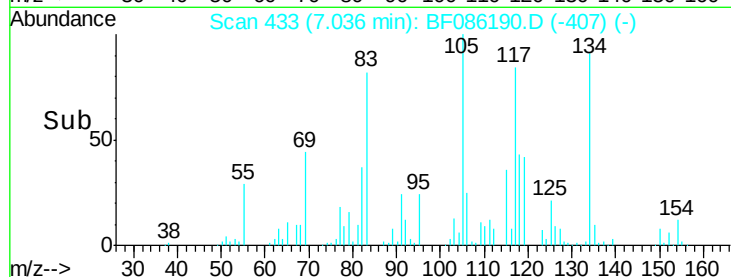
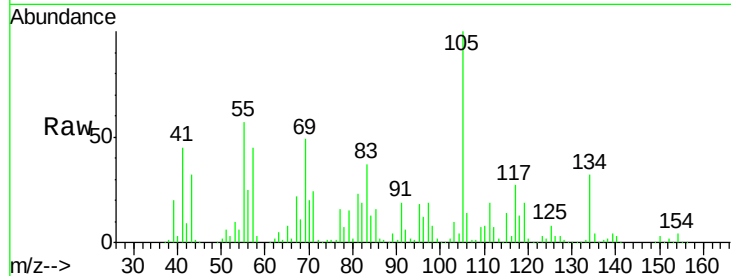




#17
2-Methylphenol
Concen: 7.00 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

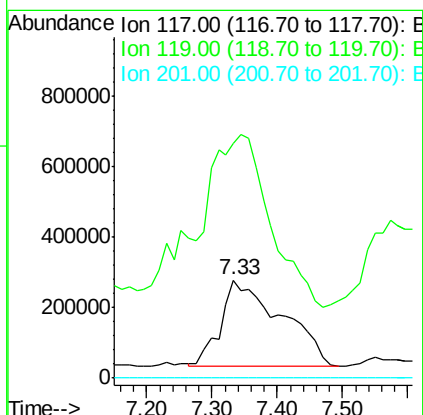
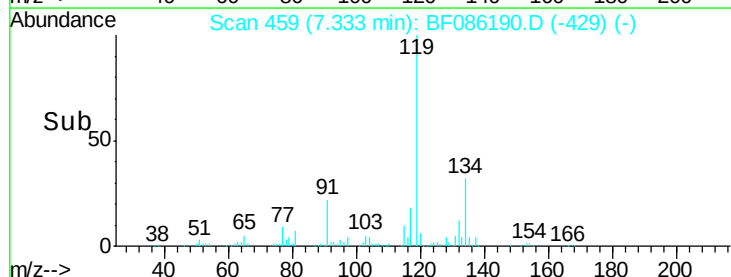
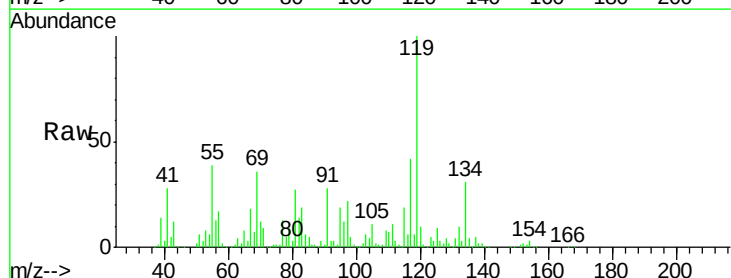
Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

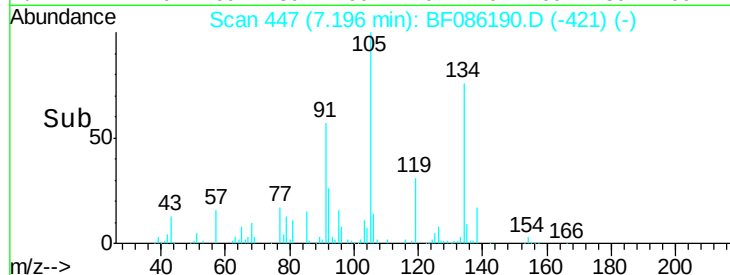
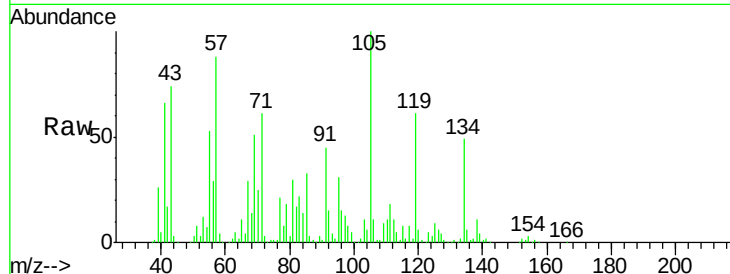
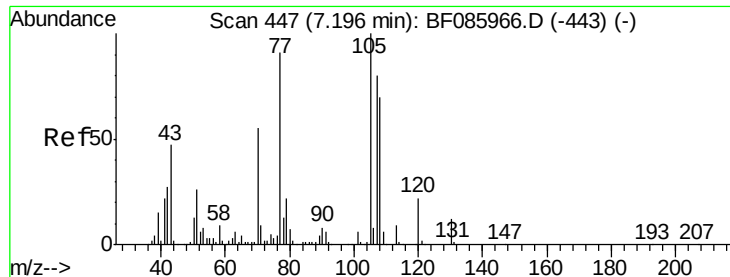
Tgt Ion:107 Resp: 9420
Ion Ratio Lower Upper
107 100
108 47.6 91.4 137.0#
77 1458.1 36.2 54.2#
79 1329.2 35.8 53.8#



#18
Hexachloroethane
Concen: 2304.73 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.05 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

Tgt Ion:117 Resp: 1580373
Ion Ratio Lower Upper
117 100
119 238.9 76.7 115.1#
201 0.0 83.3 124.9#

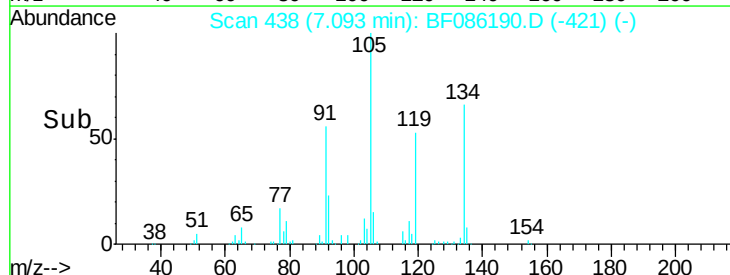
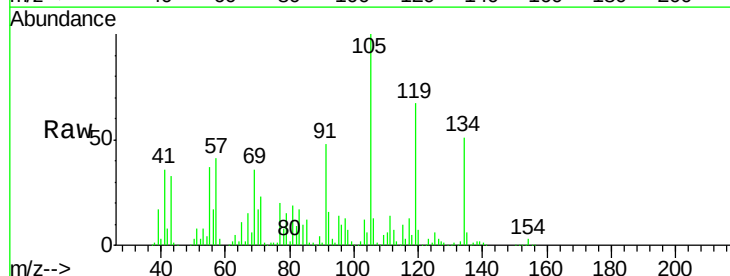
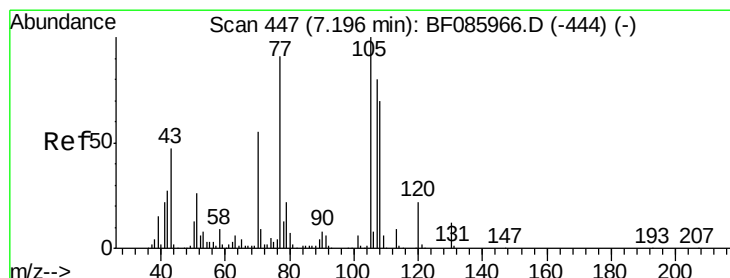
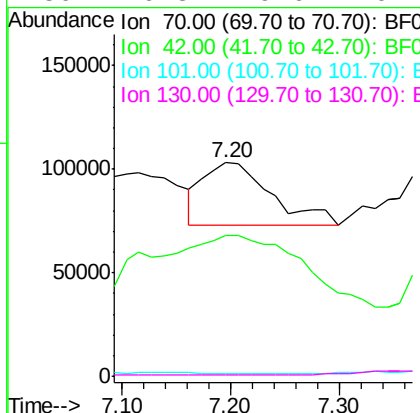




#19
n-Nitroso-di-n-propylamine
Concen: 117.44 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

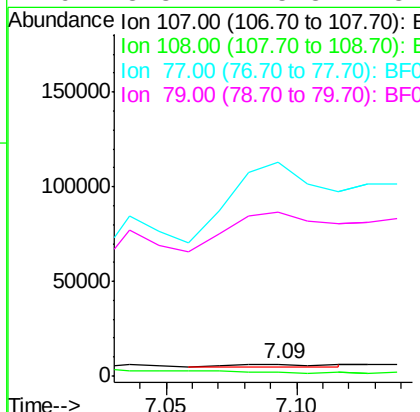
Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

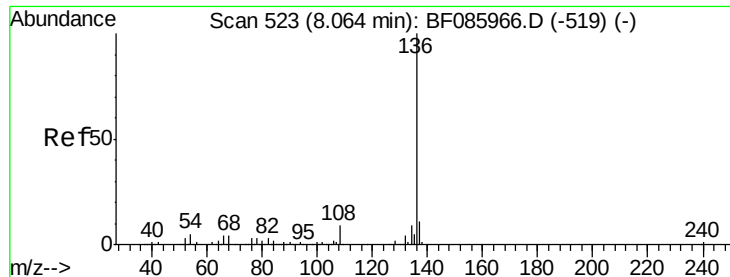
Tgt Ion: 70 Resp: 132377
Ion Ratio Lower Upper
70 100
42 66.1 37.1 55.7#
101 1.2 8.6 12.8#
130 0.3 19.6 29.4#



#20
3+4-Methylphenols
Concen: 2.13 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.10 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

Tgt Ion: 107 Resp: 3491
Ion Ratio Lower Upper
107 100
108 28.9 69.3 109.3#
77 1794.2 101.7 141.7#
79 1378.1 8.3 48.3#

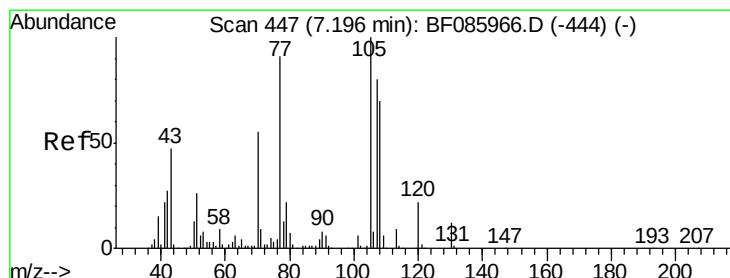
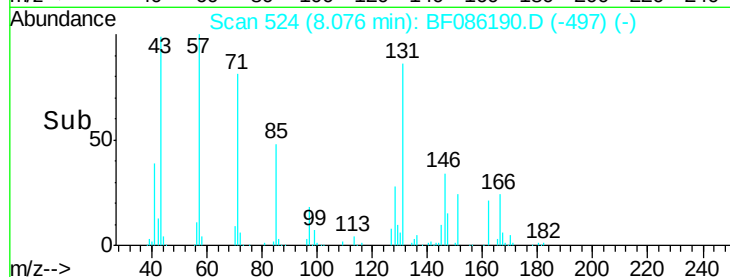
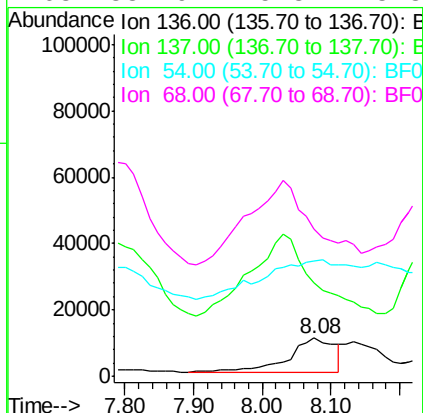
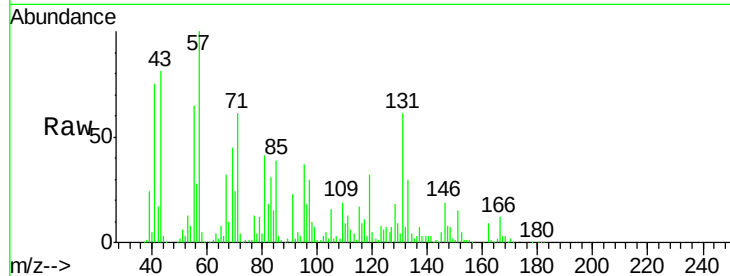




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.01 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

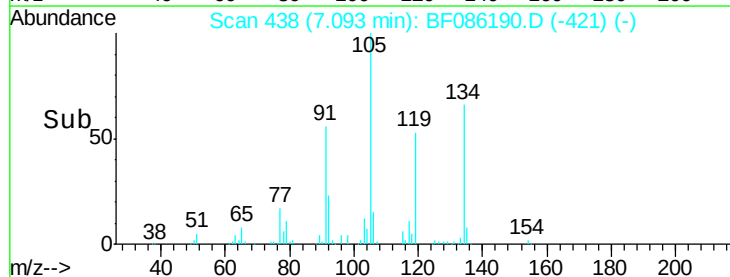
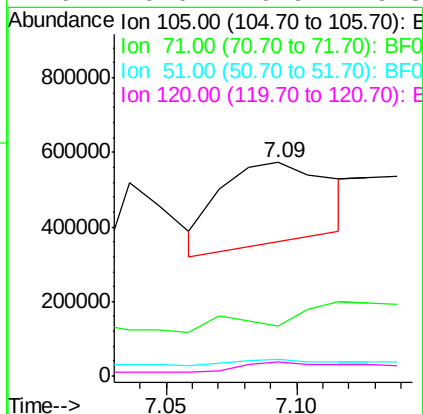
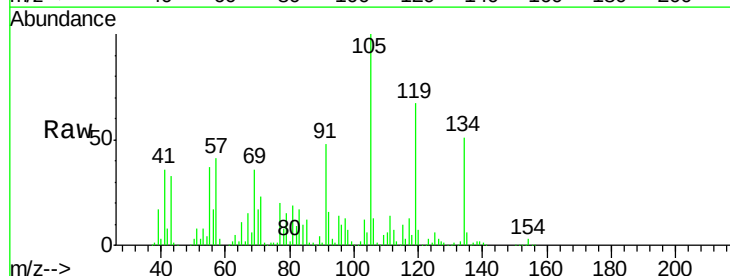
Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

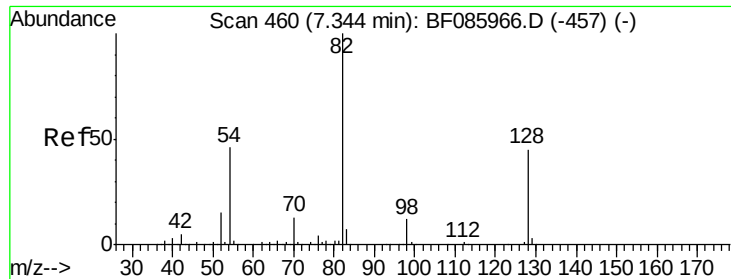
Tgt Ion:	136	Resp:	48428
Ion	Ratio	Lower	Upper
136	100		
137	247.8	9.1	13.7#
54	305.9	7.4	11.0#
68	387.9	5.8	8.8#



#22
Acetophenone
Concen: 559.41 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.10 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

Tgt Ion:	105	Resp:	636843
Ion	Ratio	Lower	Upper
105	100		
71	23.4	3.6	5.4#
51	7.6	25.4	38.0#
120	6.6	16.9	25.3#

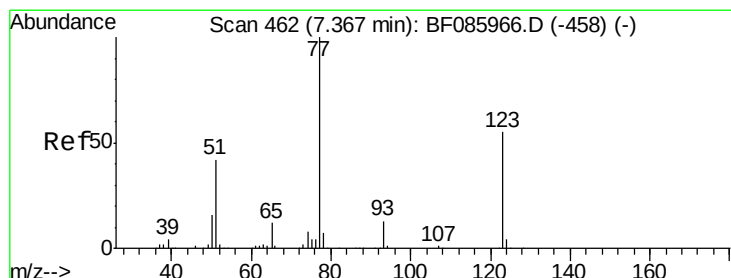
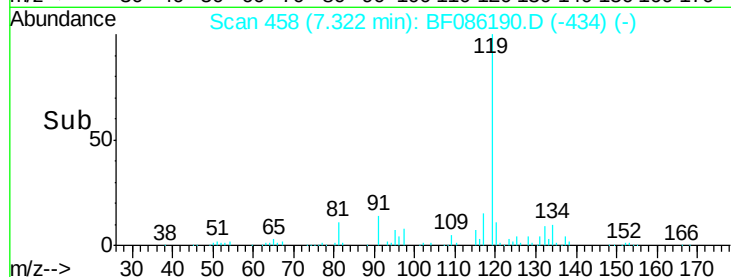
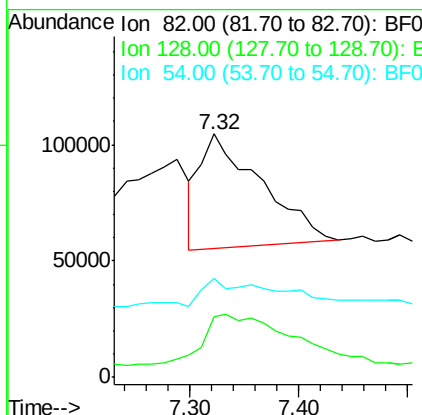
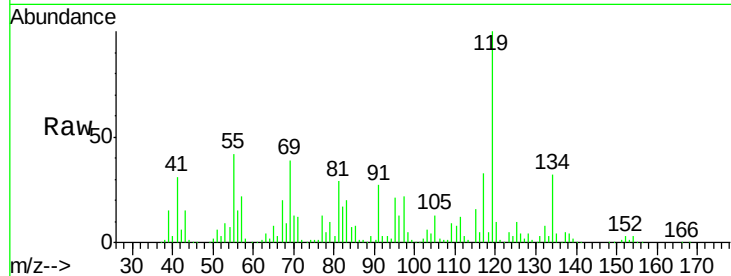




#23
 Nitrobenzene-d5
 Concen: 229.48 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

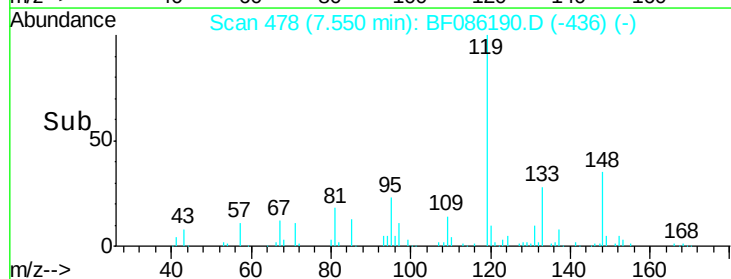
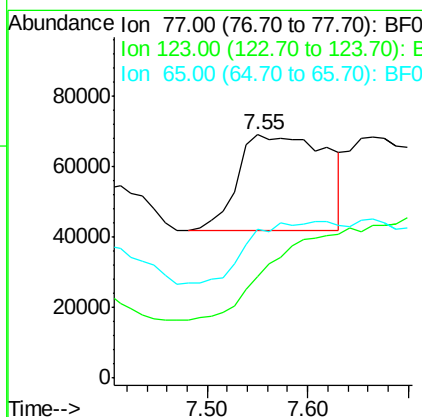
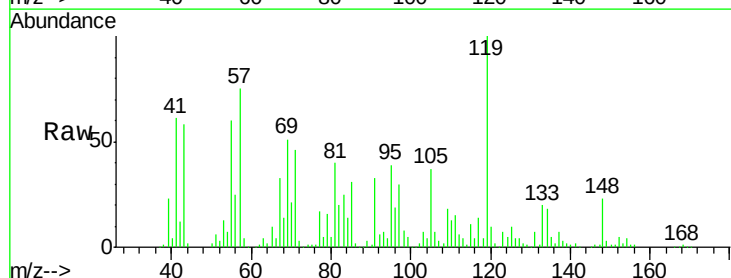
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

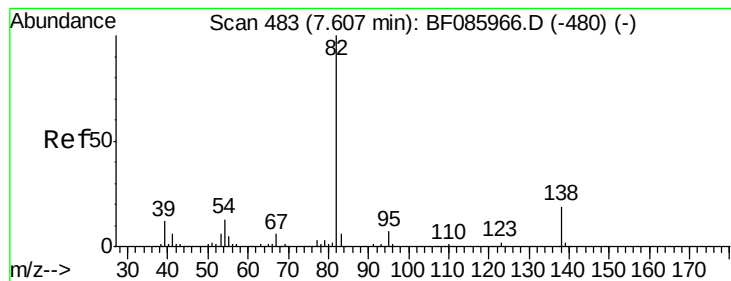
Tgt Ion: 82 Resp: 188448
 Ion Ratio Lower Upper
 82 100
 128 25.1 41.8 62.8#
 54 40.8 33.4 50.0



#24
 Nitrobenzene
 Concen: 185.69 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.18 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

Tgt Ion: 77 Resp: 166823
 Ion Ratio Lower Upper
 77 100
 123 41.5 35.0 52.4
 65 61.2 10.6 16.0#





#25

Isophorone

Concen: 195.65 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.03 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

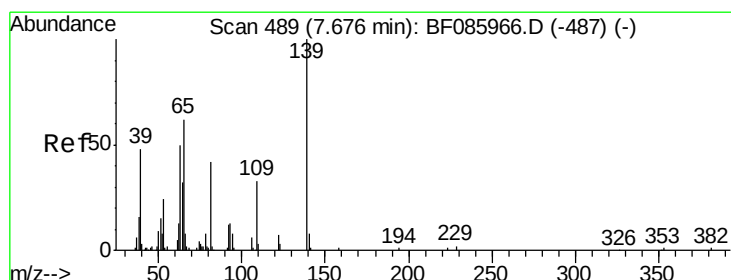
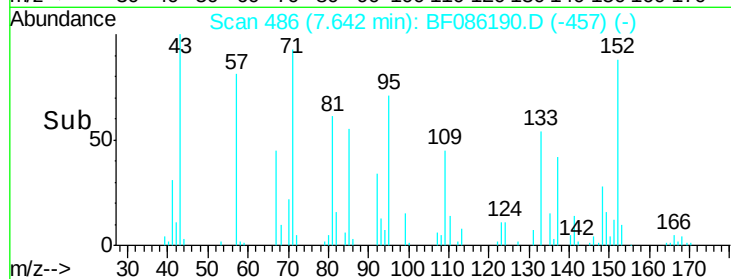
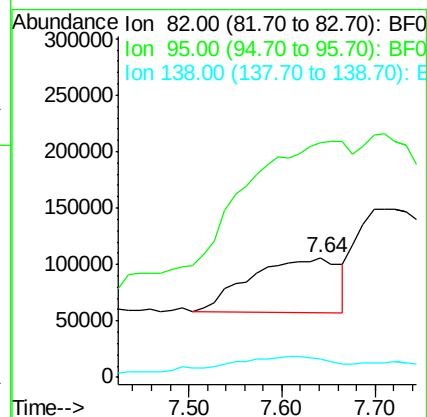
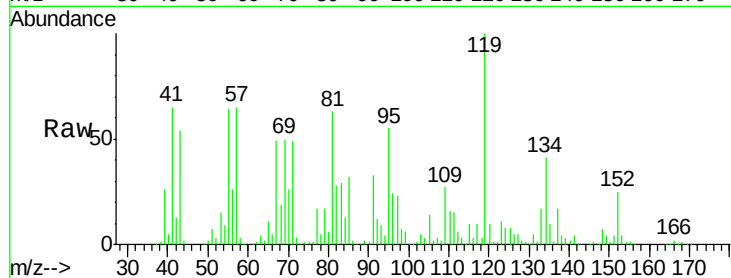
Tgt Ion: 82 Resp: 317148

Ion Ratio Lower Upper

82 100

95 196.3 5.4 8.2#

138 15.4 12.9 19.3



#26

2-Nitrophenol

Concen: 235.85 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.07 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

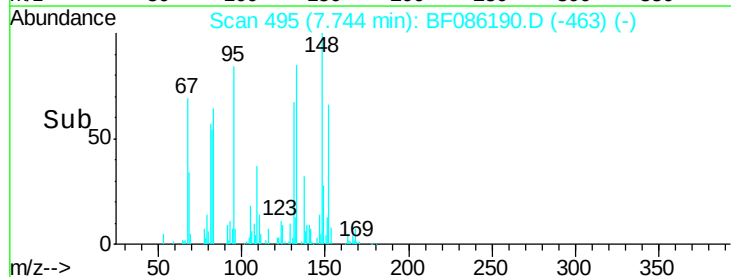
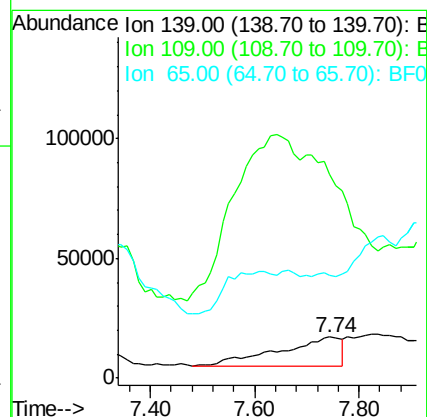
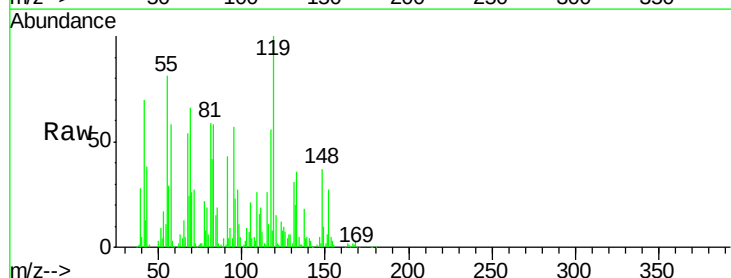
Tgt Ion: 139 Resp: 101376

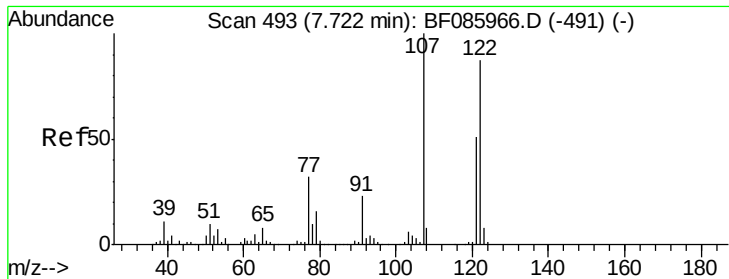
Ion Ratio Lower Upper

139 100

109 497.1 22.1 33.1#

65 250.0 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 57.00 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.05 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

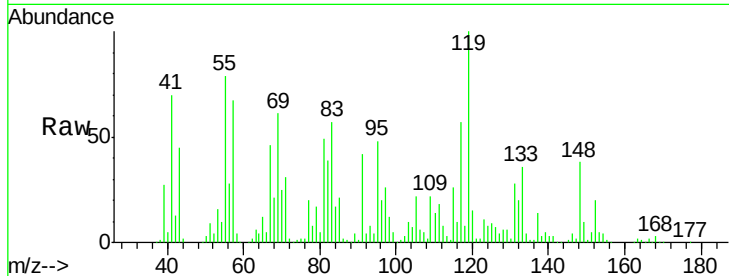
Tgt Ion:122 Resp: 44007

Ion Ratio Lower Upper

122 100

107 308.1 93.0 139.6#

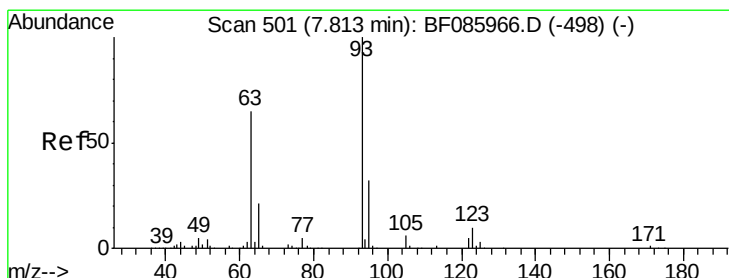
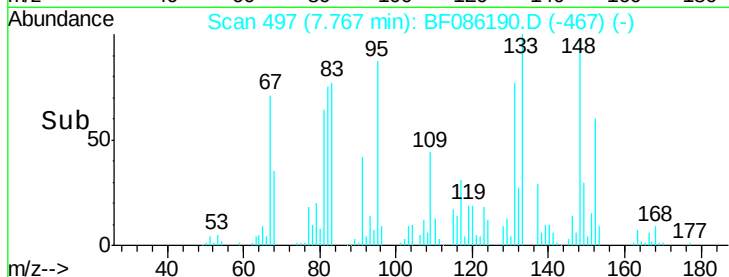
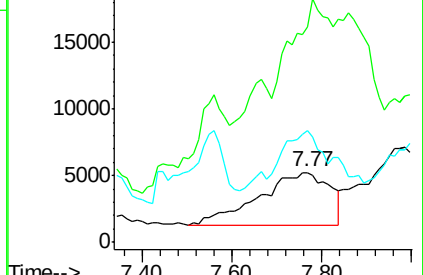
121 159.5 45.9 68.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 7.84 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.11 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

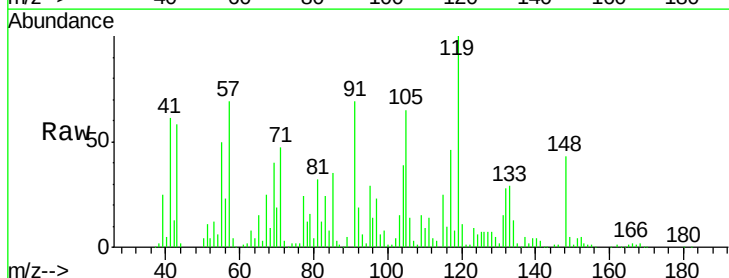
Tgt Ion: 93 Resp: 7461

Ion Ratio Lower Upper

93 100

95 498.3 26.4 39.6#

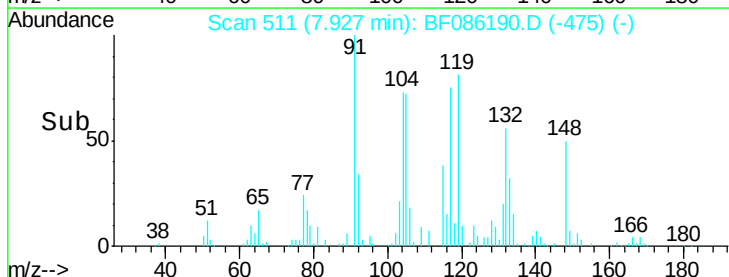
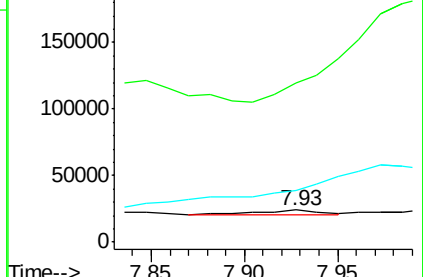
123 162.1 9.8 14.6#

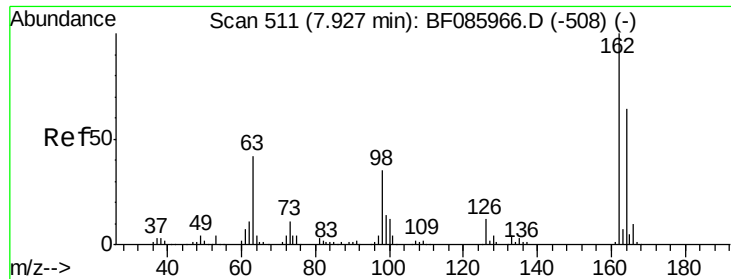


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

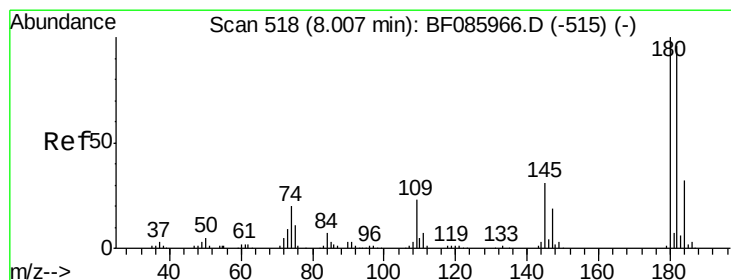
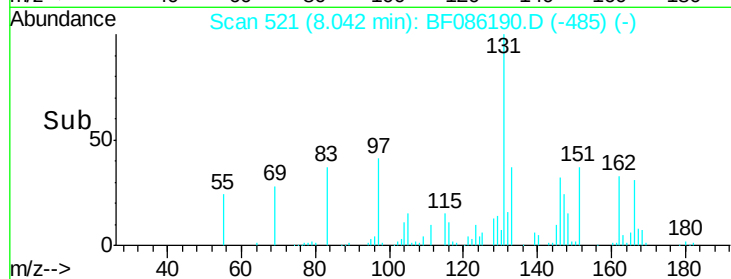
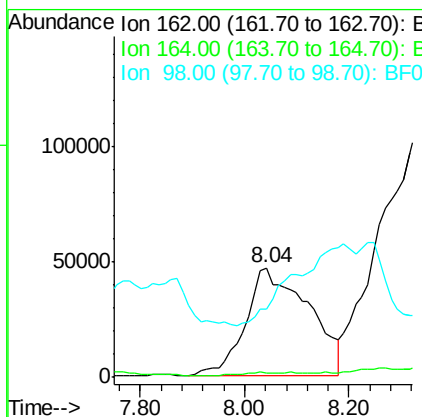
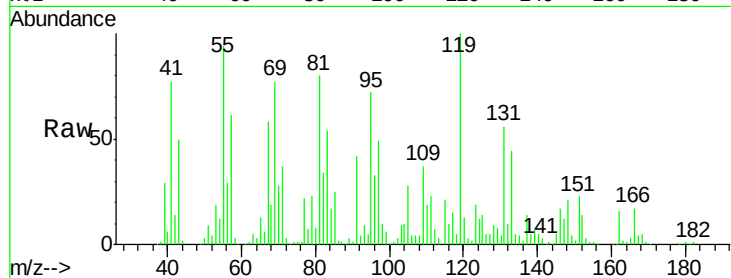




#29
 2,4-Dichlorophenol
 Concen: 608.01 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.11 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

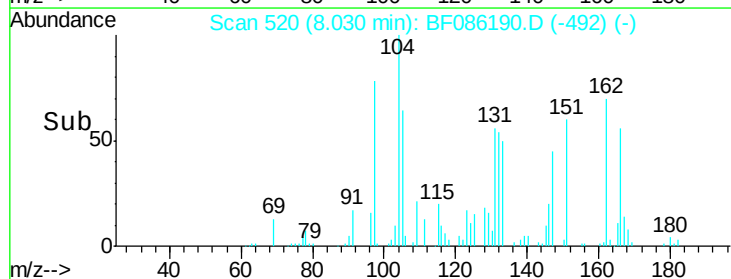
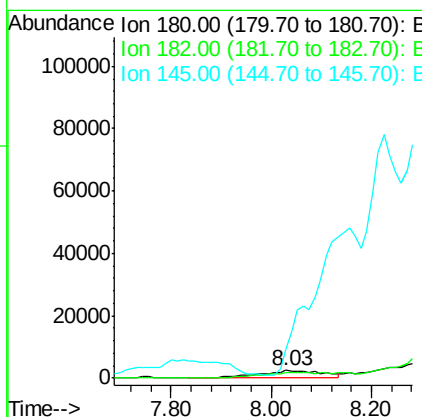
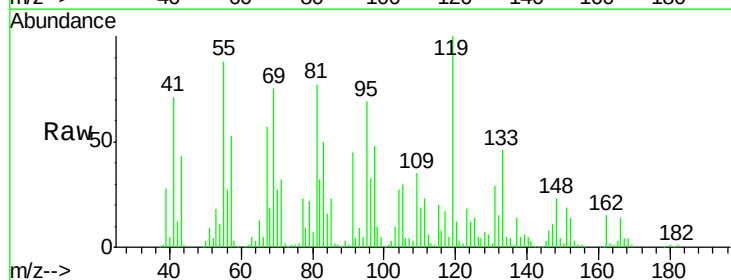
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

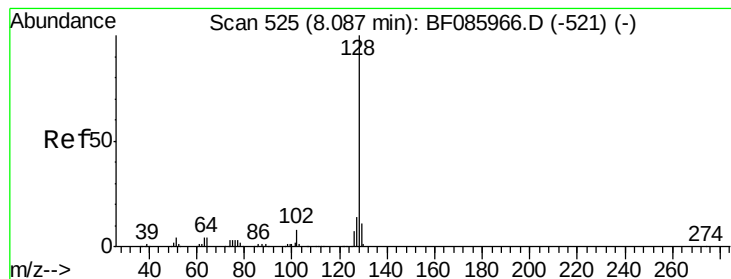
Tgt Ion	Ratio	Lower	Upper
162	100		
164	4.4	43.7	83.7#
98	61.9	20.4	60.4#



#30
 1,2,4-Trichlorobenzene
 Concen: 30.10 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.02 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	71.2	73.8	110.8#
145	378.1	28.4	42.6#





#31

Naphthalene

Concen: 284.40 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.06 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

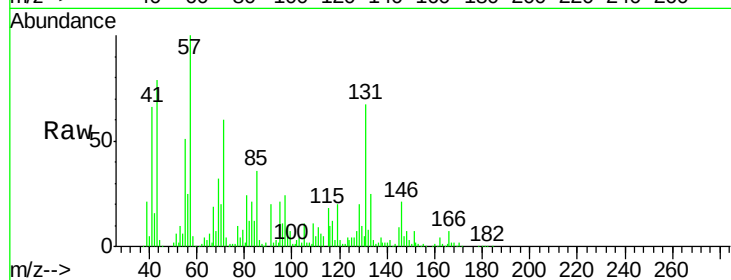
Tgt Ion:128 Resp: 692797

Ion Ratio Lower Upper

128 100

129 52.7 9.4 14.0#

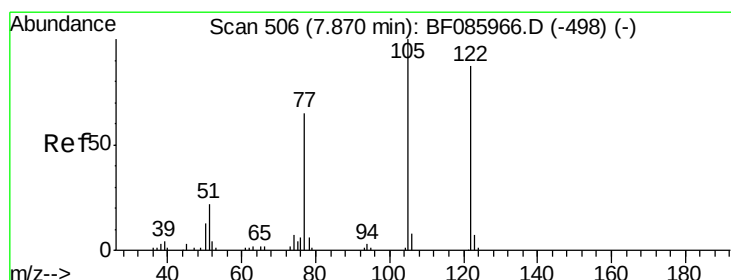
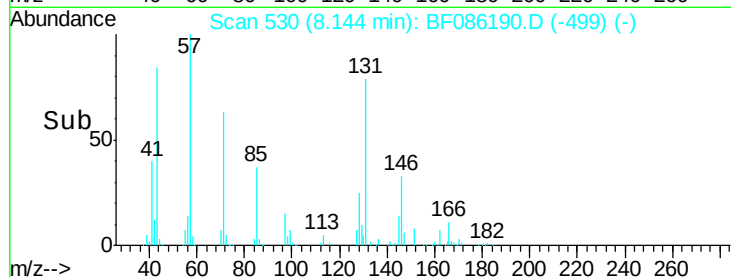
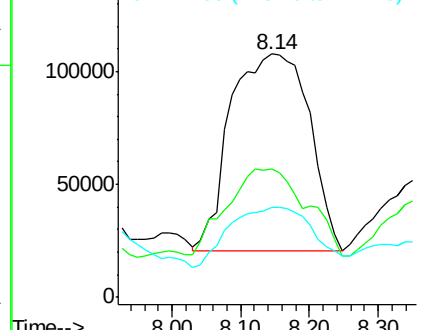
127 37.1 11.0 16.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.01 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.11 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

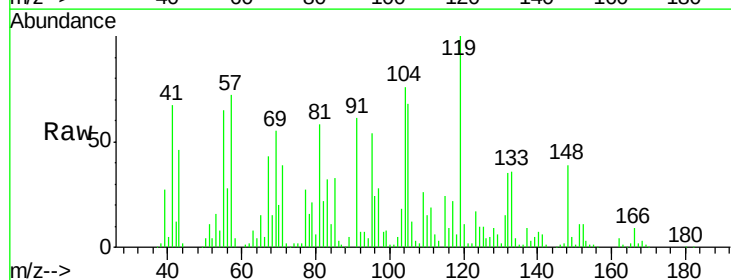
Tgt Ion:122 Resp: 14165

Ion Ratio Lower Upper

122 100

105 3207.7 102.9 142.9#

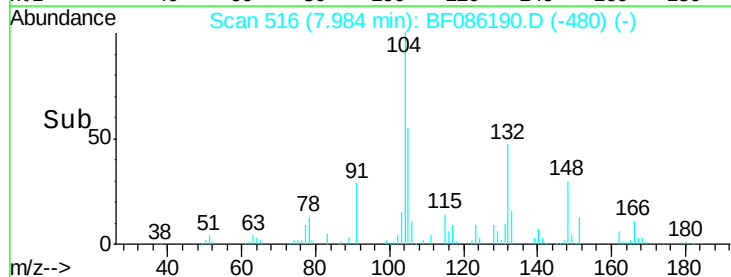
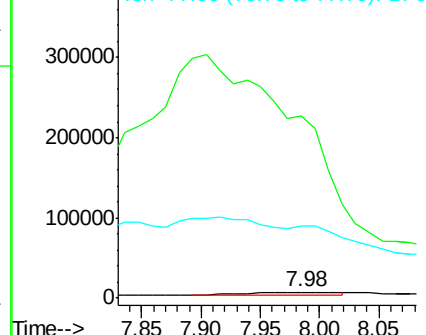
77 1276.1 71.8 111.8#

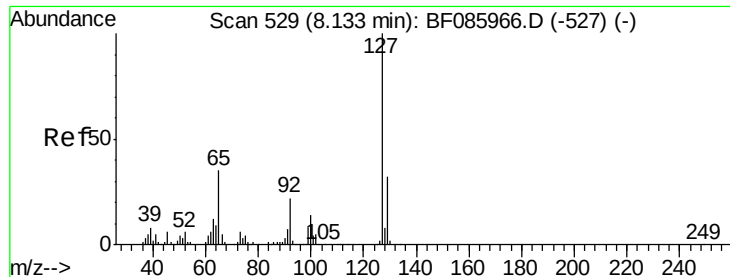


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

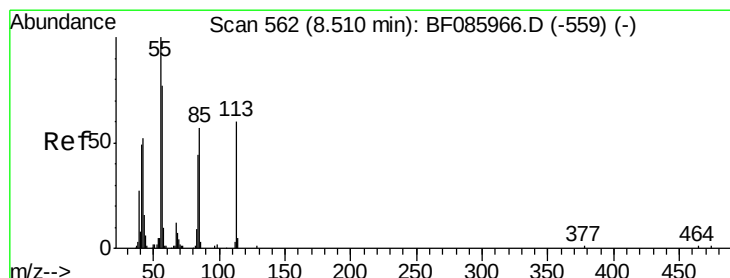
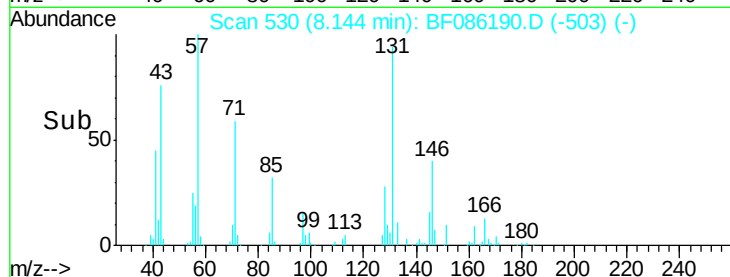
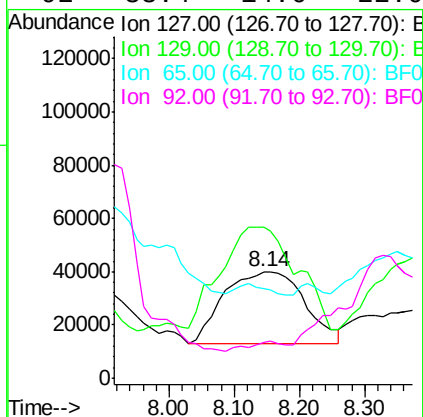
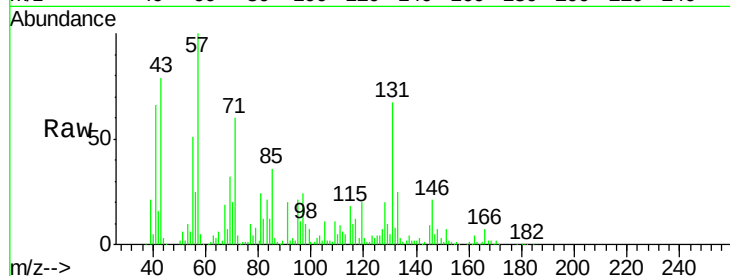




#33
 4-Chloroaniline
 Concen: 234.87 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

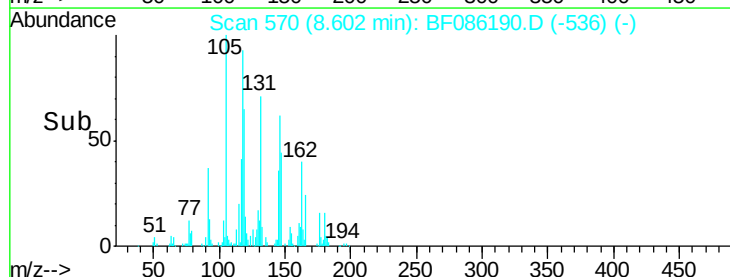
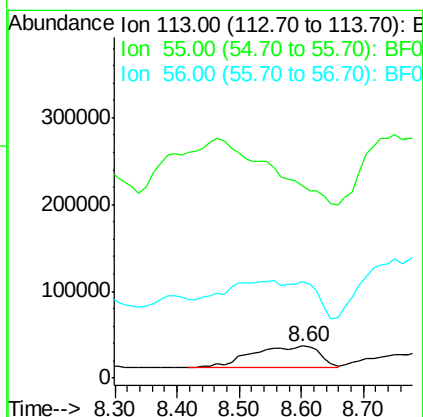
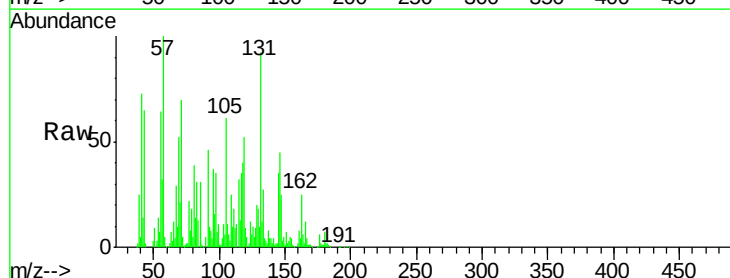
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

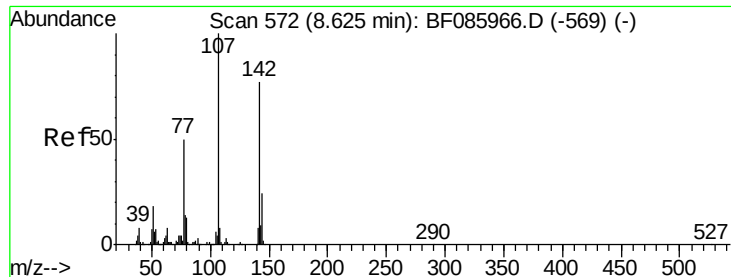
Tgt Ion:	127	Resp:	231107
Ion Ratio	Lower	Upper	
127	100		
129	142.1	26.1	39.1#
65	84.1	19.5	29.3#
92	33.4	14.6	22.0#



#35
 Caprolactam
 Concen: 877.57 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.09 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

Tgt Ion:	113	Resp:	181705
Ion Ratio	Lower	Upper	
113	100		
55	603.5	139.4	179.4#
56	303.1	100.4	140.4#





#36

4-Chloro-3-methylphenol

Concen: 74.75 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

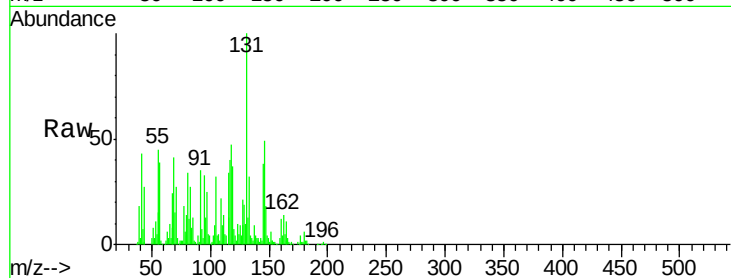
Tgt Ion:107 Resp: 54841

Ion Ratio Lower Upper

107 100

144 37.7 19.3 28.9#

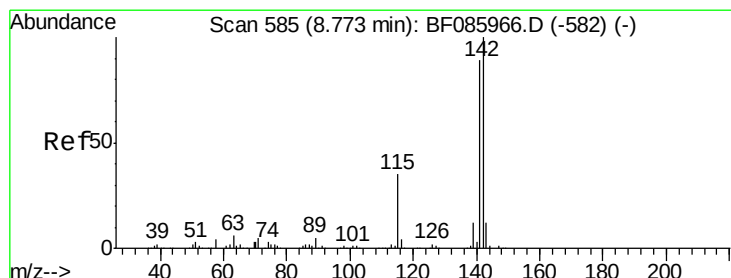
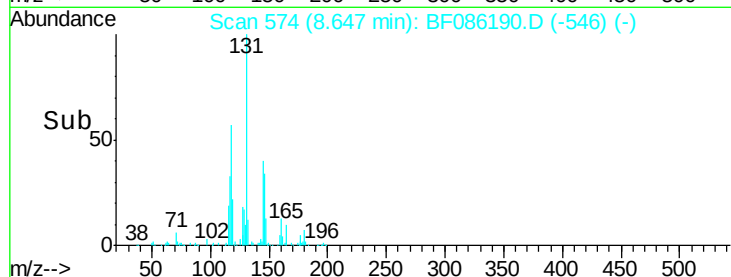
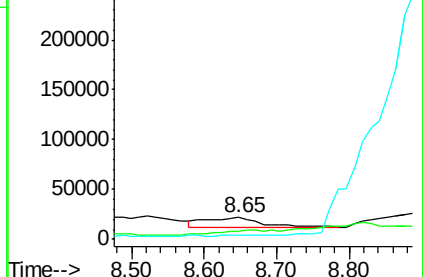
142 19.6 61.4 92.0#



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



#37

2-Methylnaphthalene

Concen: 743.62 ng

RT: 8.89 min Scan# 595

Delta R.T. 0.11 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

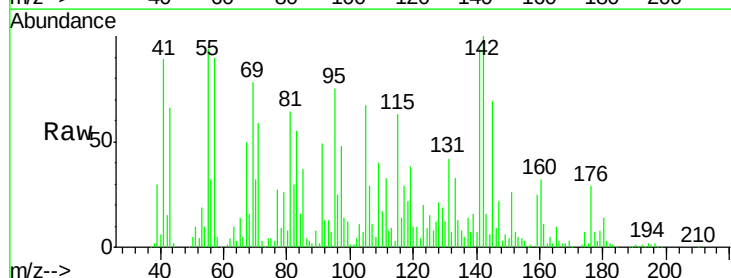
Tgt Ion:142 Resp: 1183329

Ion Ratio Lower Upper

142 100

141 94.1 71.6 107.4

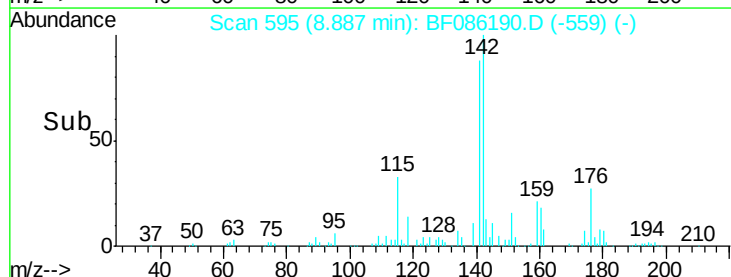
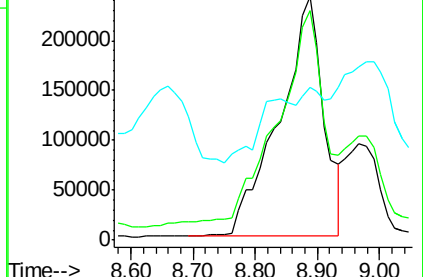
115 62.7 26.8 40.2#

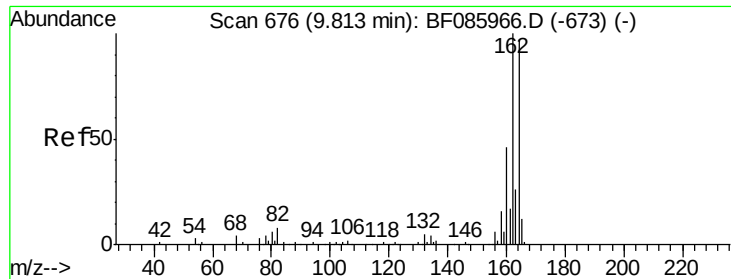


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.06 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

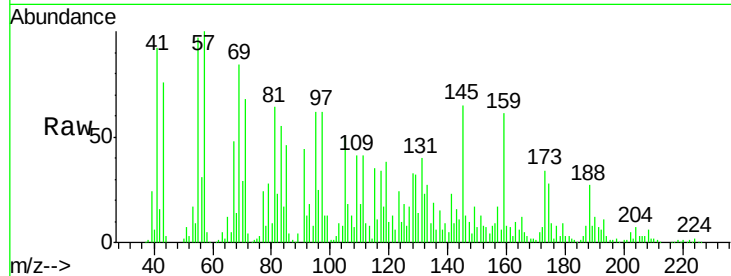
Tgt Ion:164 Resp: 42748

Ion Ratio Lower Upper

164 100

162 43.9 82.1 123.1#

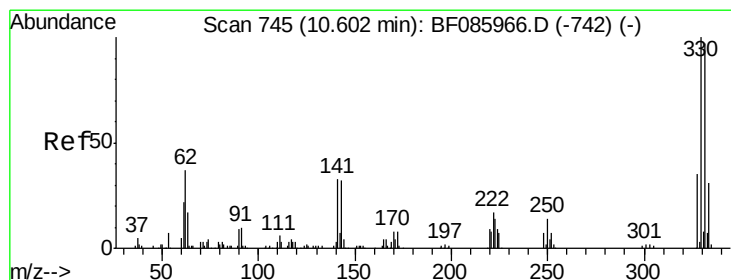
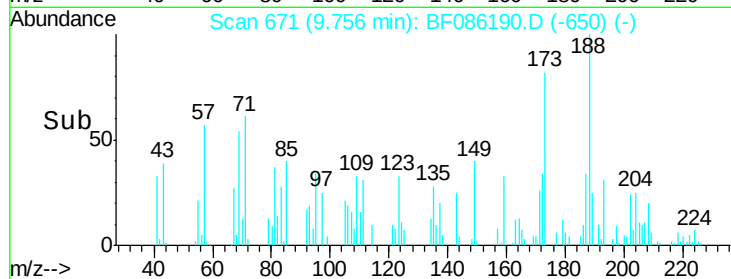
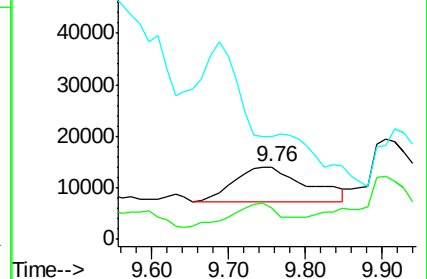
160 142.9 37.4 56.2#



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: 62.60 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

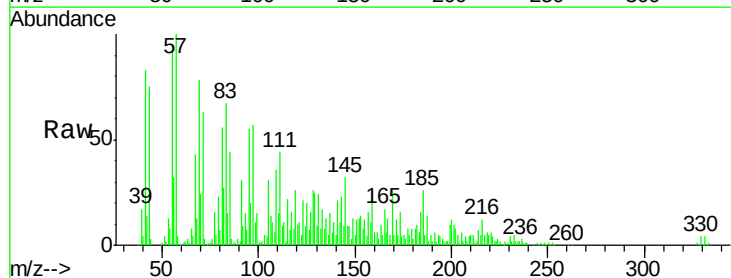
Tgt Ion:330 Resp: 25118

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

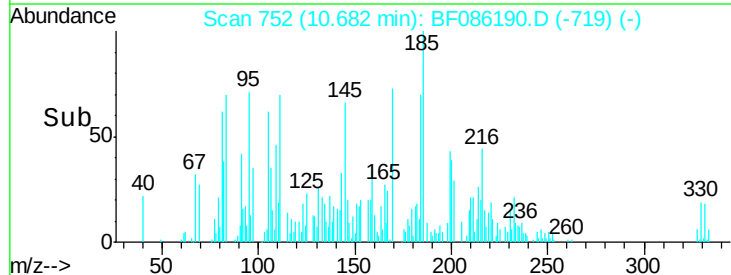
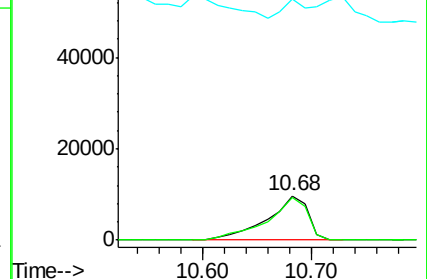
141 21.6 31.5 47.3#

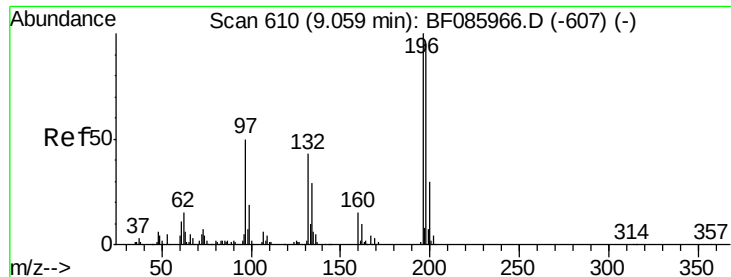


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 38.67 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.08 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

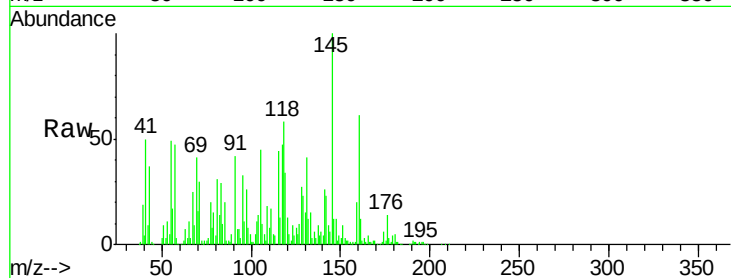
Tgt Ion:196 Resp: 31905

Ion Ratio Lower Upper

196 100

198 6.5 75.3 112.9#

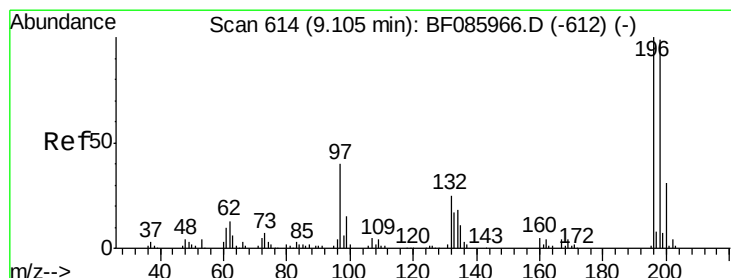
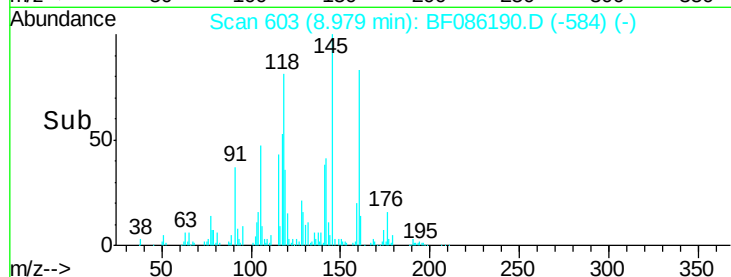
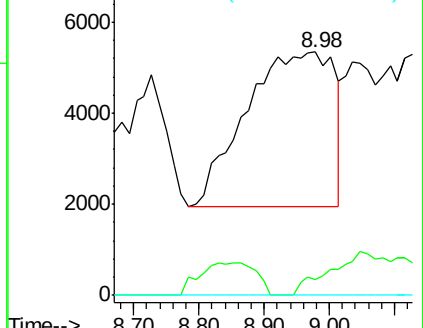
200 0.0 23.7 35.5#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 38.09 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.13 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Tgt Ion:196 Resp: 31905

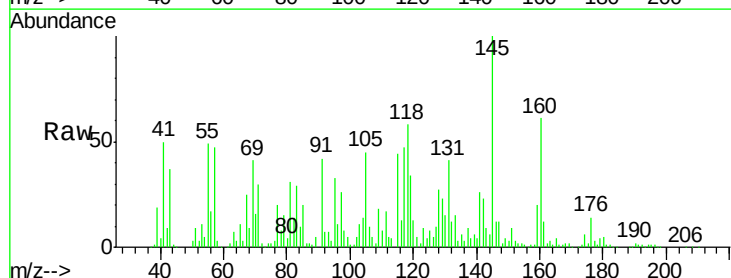
Ion Ratio Lower Upper

196 100

198 6.5 76.6 114.8#

97 1978.8 30.5 45.7#

132 929.2 20.2 30.2#

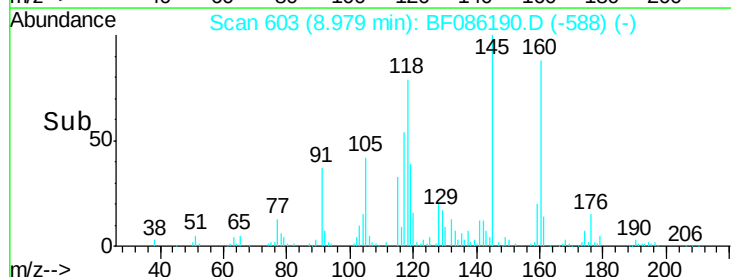
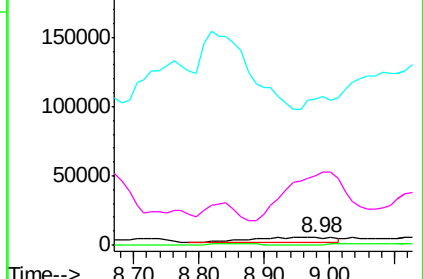


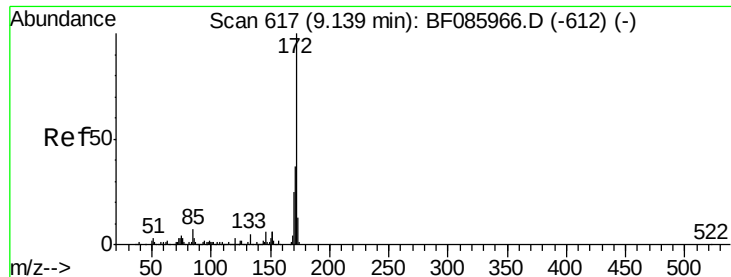
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 75.03 ng

RT: 9.22 min Scan# 624

Delta R.T. 0.08 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

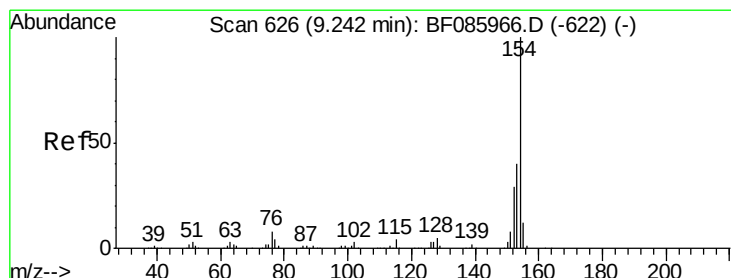
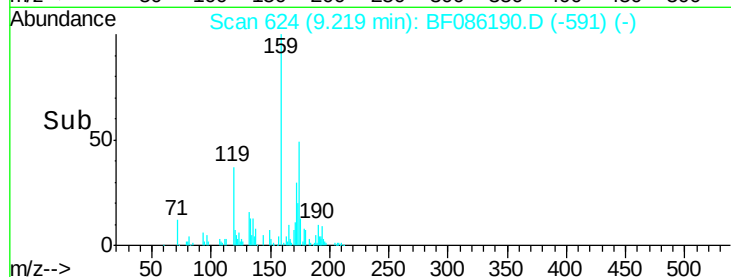
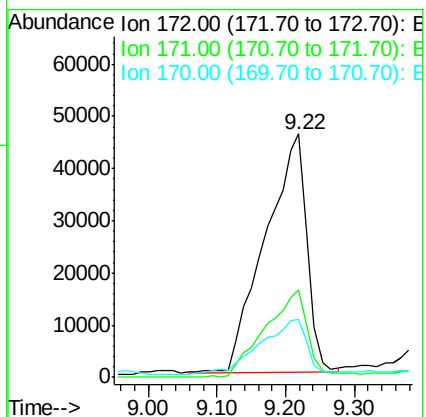
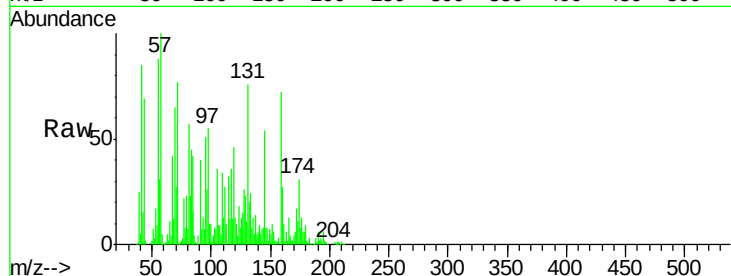
Tgt Ion:172 Resp: 192903

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.2

170 23.8 19.8 29.6



#45

1,1'-Biphenyl

Concen: 28.29 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.15 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

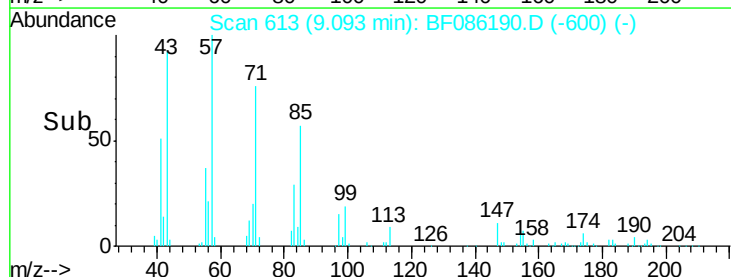
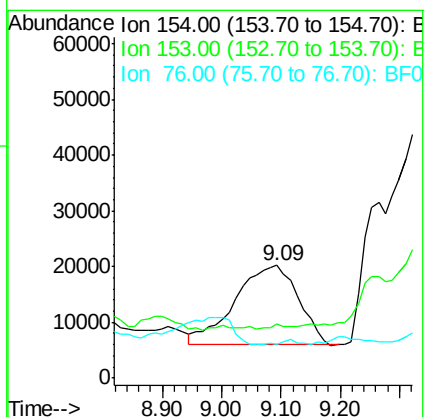
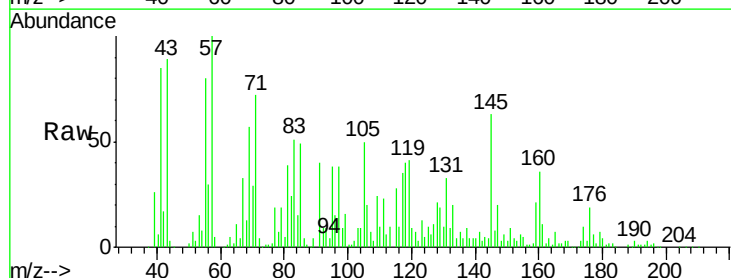
Tgt Ion:154 Resp: 104261

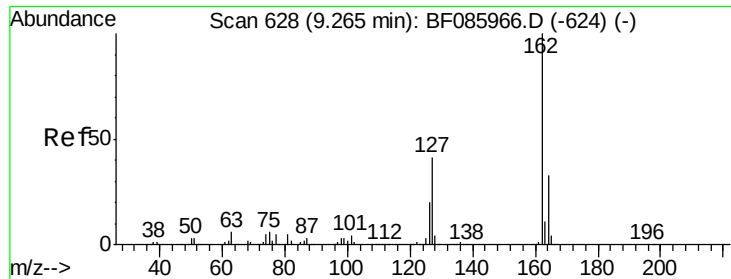
Ion Ratio Lower Upper

154 100

153 48.0 20.8 60.8

76 30.3 0.0 36.7

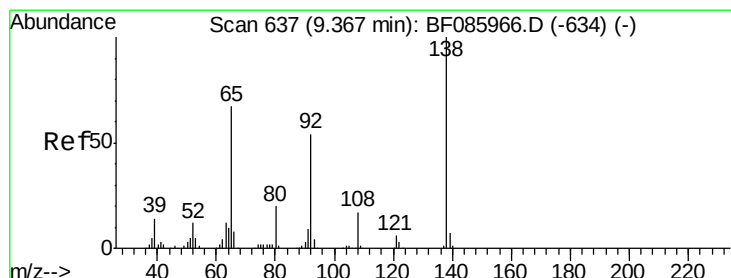
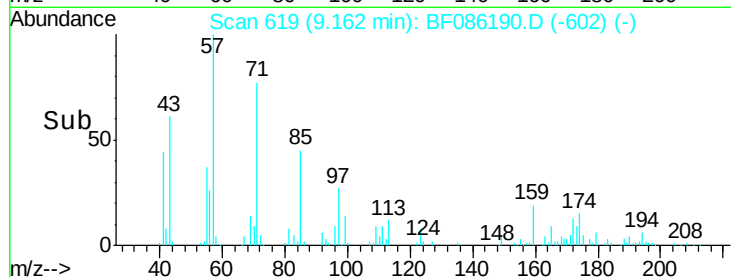
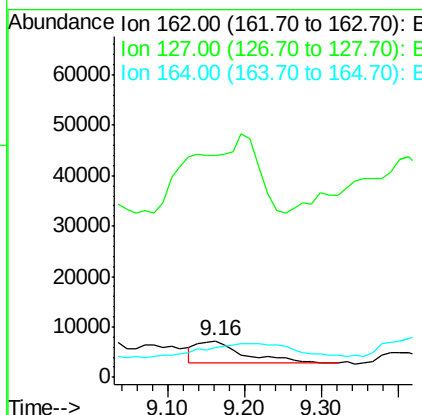
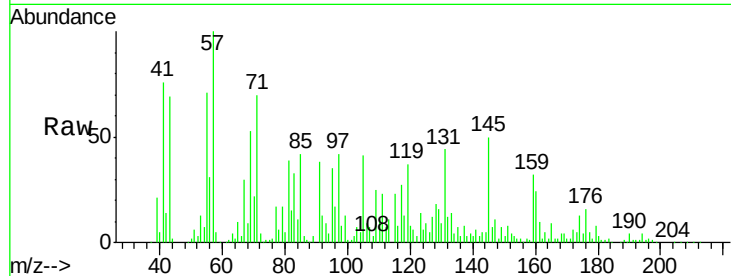




#46
 2-Chloronaphthalene
 Concen: 7.12 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.10 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

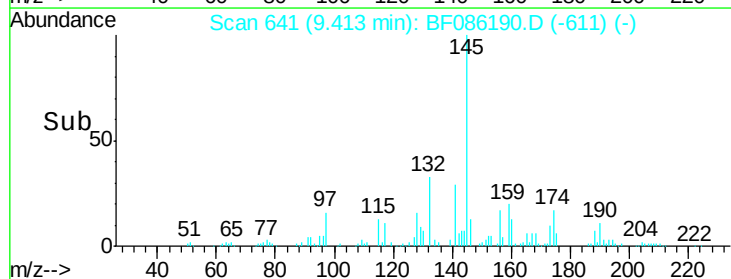
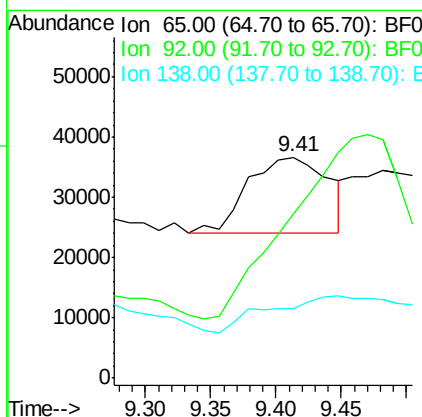
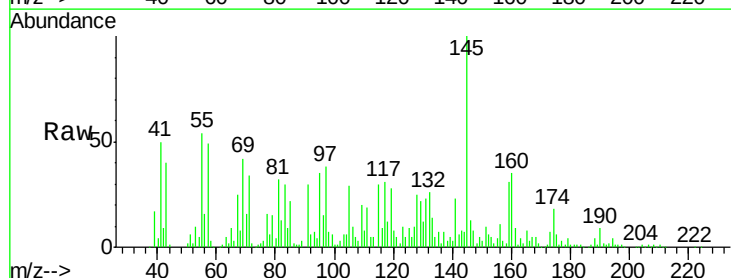
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

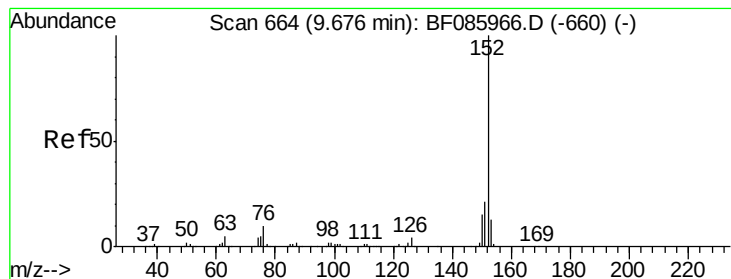
Tgt Ion: 162 Resp: 19031
 Ion Ratio Lower Upper
 162 100
 127 602.3 31.7 47.5#
 164 82.6 27.3 40.9#



#47
 2-Nitroaniline
 Concen: 69.67 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.05 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

Tgt Ion: 65 Resp: 54469
 Ion Ratio Lower Upper
 65 100
 92 74.4 59.7 89.5
 138 31.7 91.4 137.0#





#48

Acenaphthylene

Concen: 5.88 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.02 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

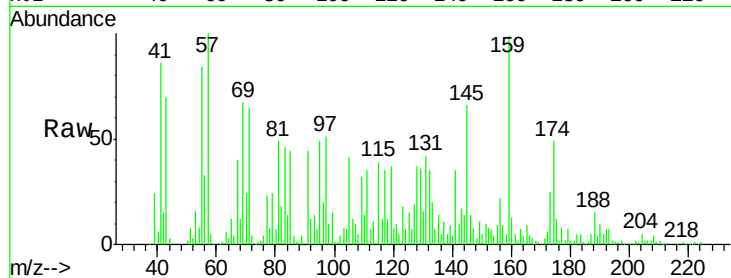
Tgt Ion:152 Resp: 25160

Ion Ratio Lower Upper

152 100

151 139.6 16.8 25.2#

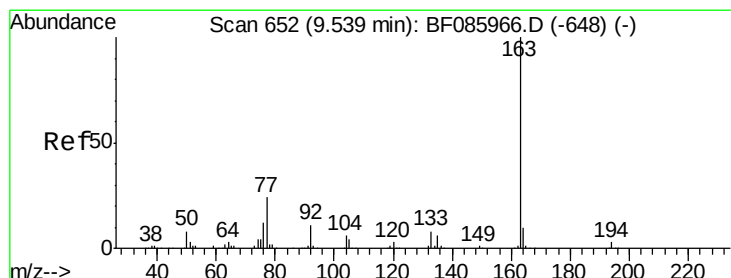
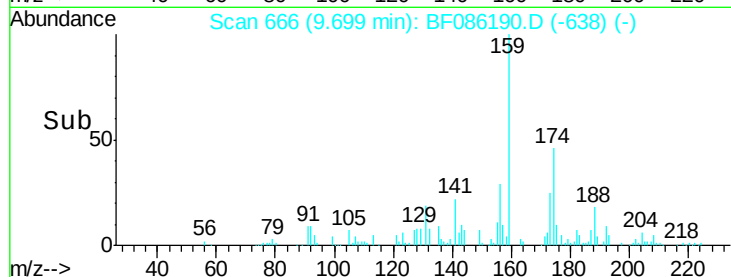
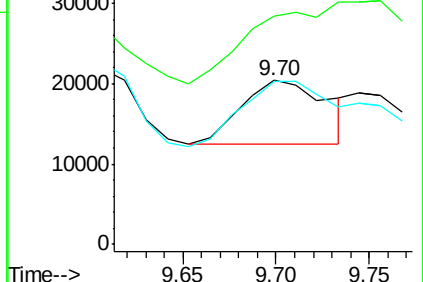
153 99.3 10.9 16.3#



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: 25.10 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.07 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

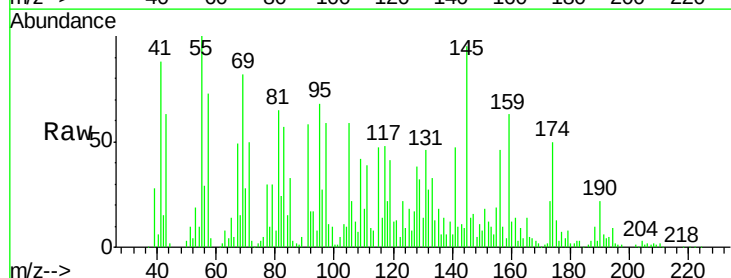
Tgt Ion:163 Resp: 79529

Ion Ratio Lower Upper

163 100

194 101.8 2.9 4.3#

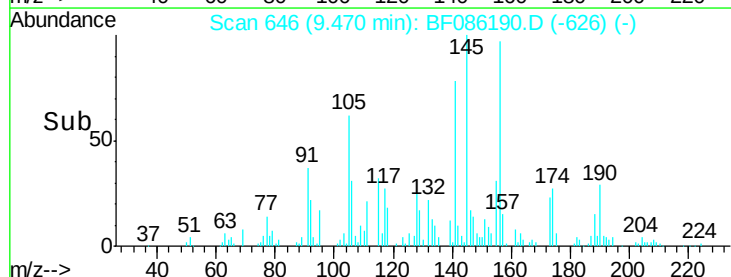
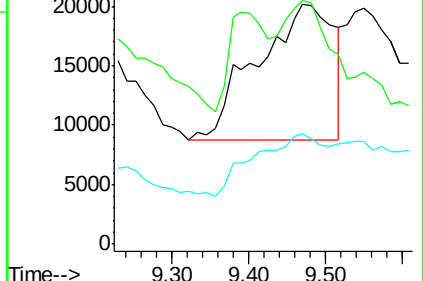
164 46.0 8.3 12.5#

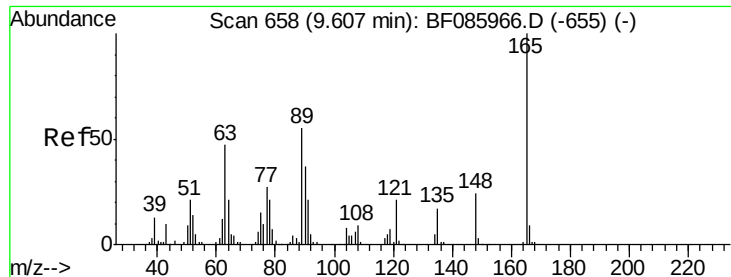


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

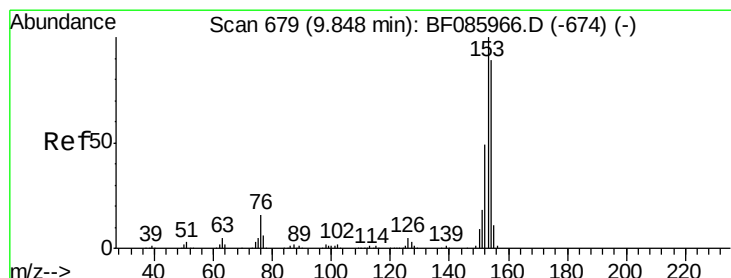
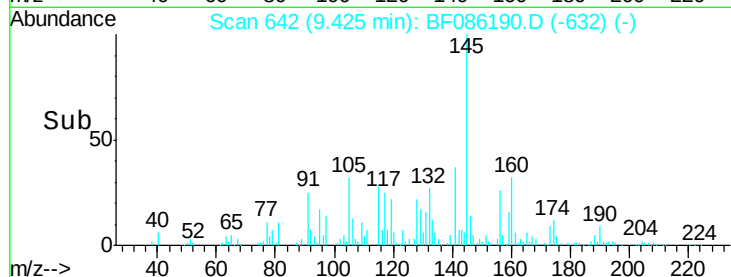
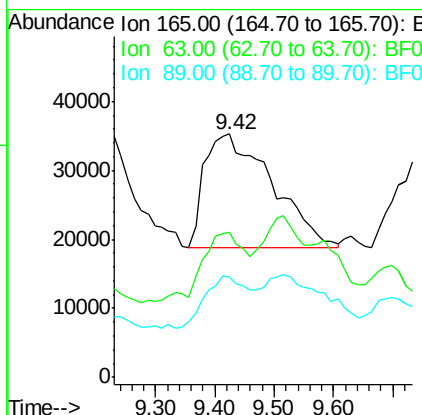
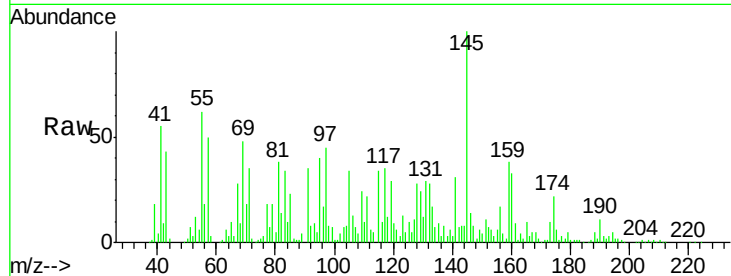




#50
 2,6-Dinitrotoluene
 Concen: 192.89 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.18 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

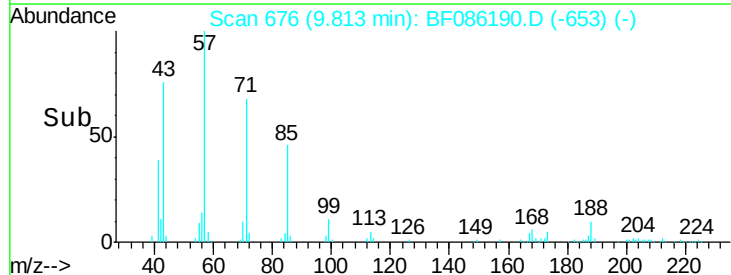
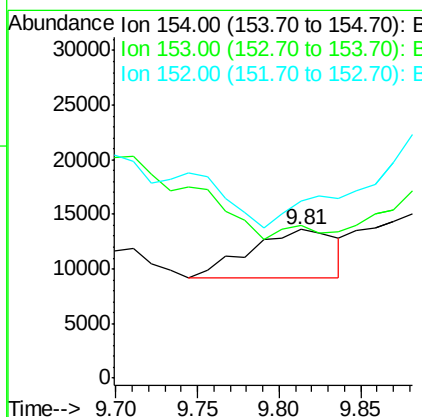
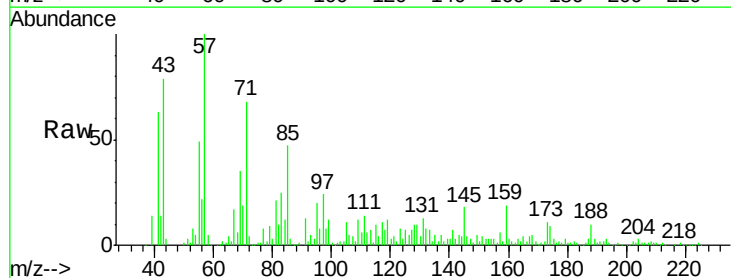
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

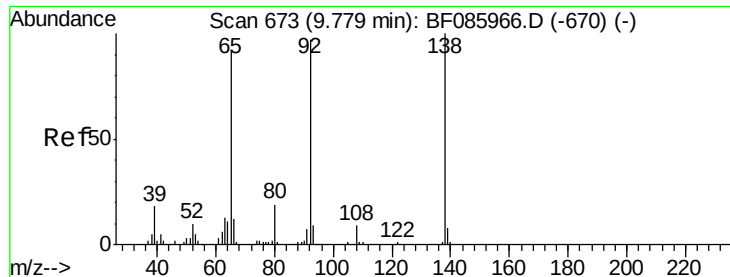
Tgt Ion:165 Resp: 129301
 Ion Ratio Lower Upper
 165 100
 63 59.6 51.8 77.8
 89 40.9 53.7 80.5#



#51
 Acenaphthene
 Concen: 6.38 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

Tgt Ion:154 Resp: 16236
 Ion Ratio Lower Upper
 154 100
 153 102.7 90.1 135.1
 152 119.6 44.2 66.2#





#52

3-Nitroaniline

Concen: 52.62 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

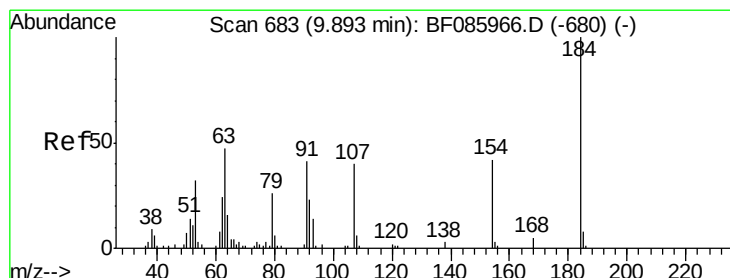
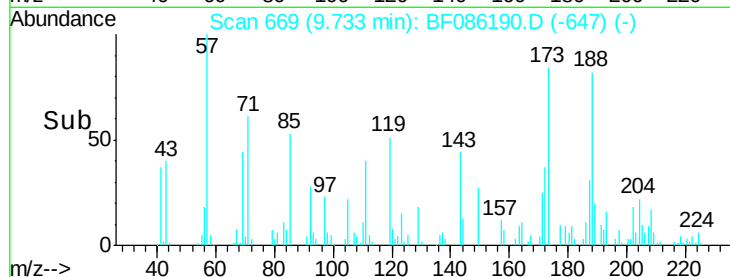
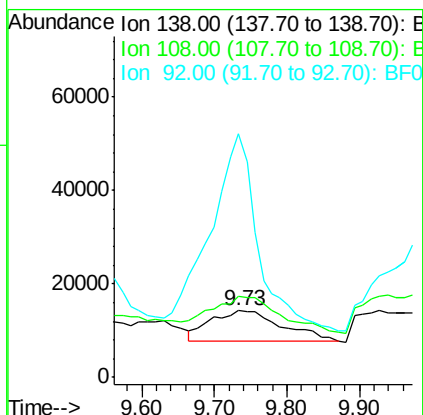
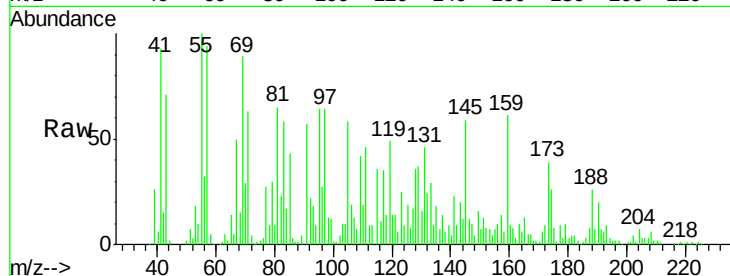
Tgt Ion:138 Resp: 42514

Ion Ratio Lower Upper

138 100

108 121.7 8.7 13.1#

92 365.8 93.3 139.9#



#53

2,4-Dinitrophenol

Concen: 10.32 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

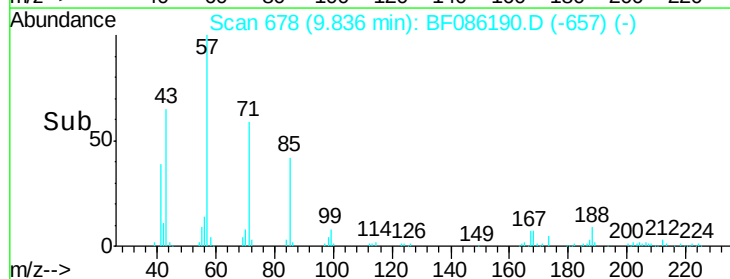
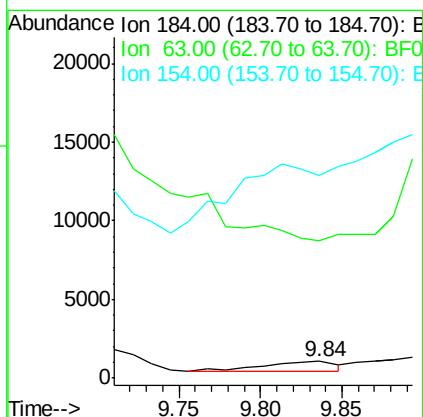
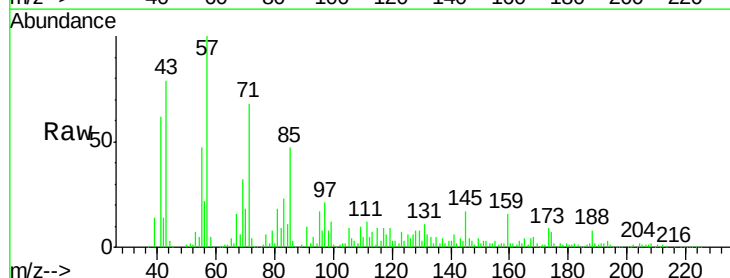
Tgt Ion:184 Resp: 2145

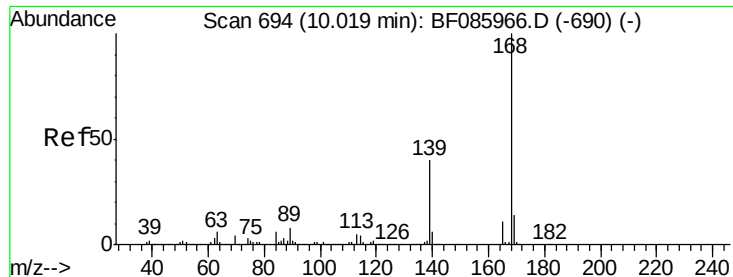
Ion Ratio Lower Upper

184 100

63 804.2 69.5 104.3#

154 1190.4 58.3 87.5#

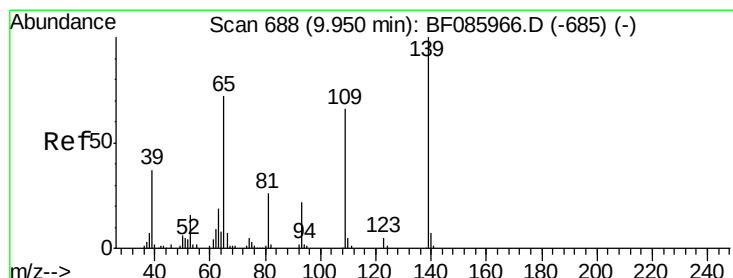
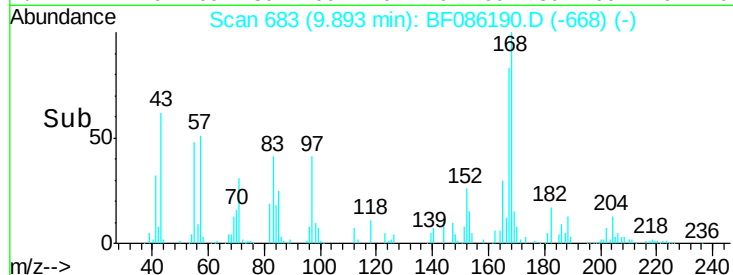
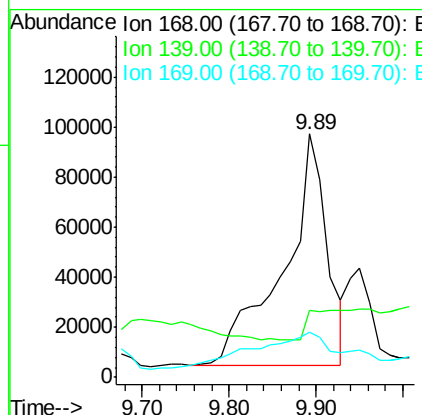
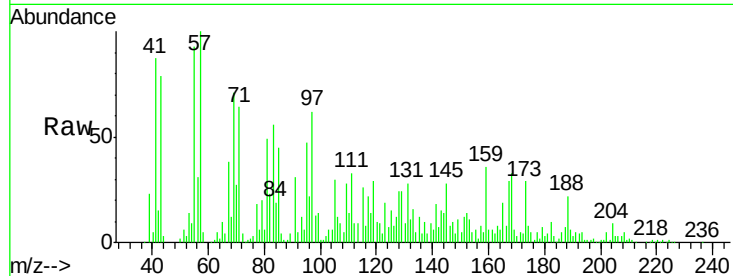




#54
Dibenzofuran
Concen: 95.82 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.13 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

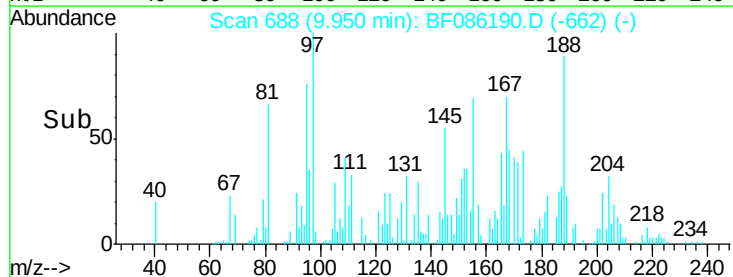
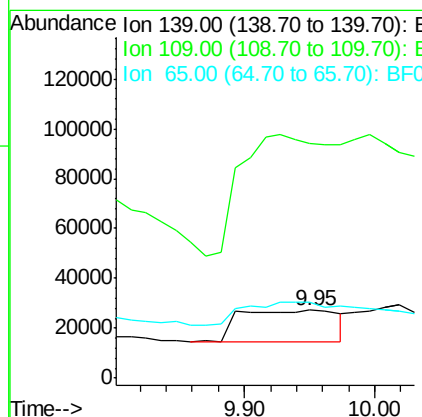
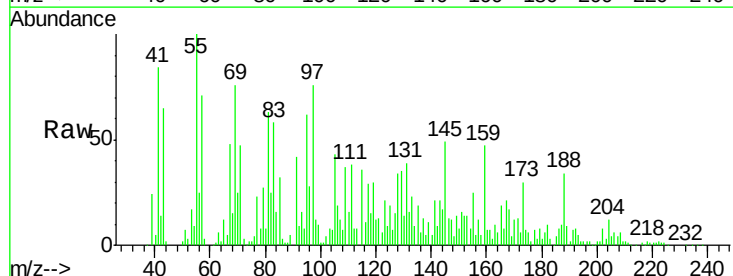
Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

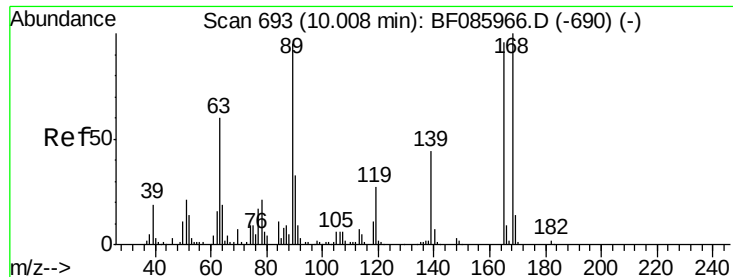
Tgt Ion:168 Resp: 322134
Ion Ratio Lower Upper
168 100
139 27.6 31.9 47.9#
169 18.3 11.0 16.6#



#55
4-Nitrophenol
Concen: 136.57 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

Tgt Ion:139 Resp: 65048
Ion Ratio Lower Upper
139 100
109 345.4 49.2 89.2#
65 111.1 66.9 106.9#

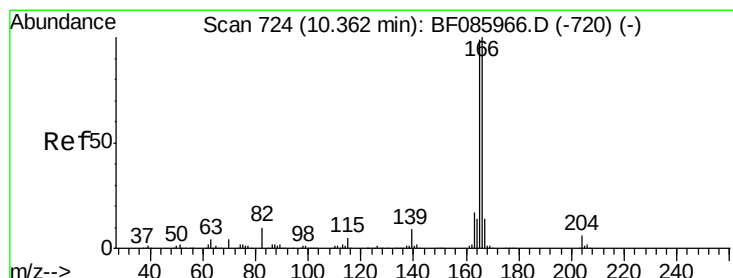
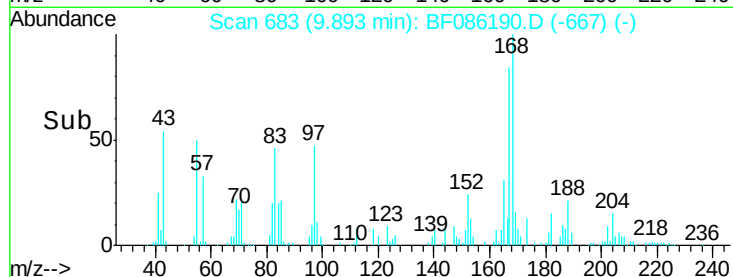
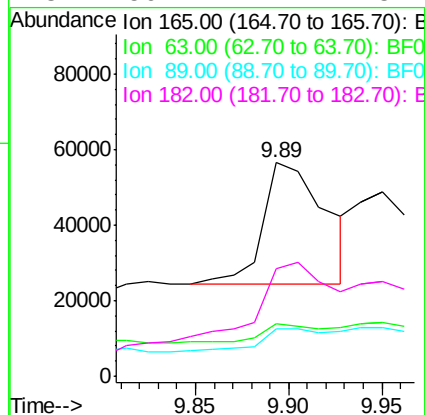
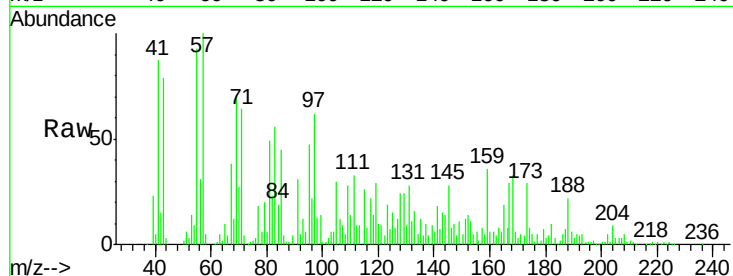




#56
2,4-Dinitrotoluene
Concen: 88.32 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.11 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

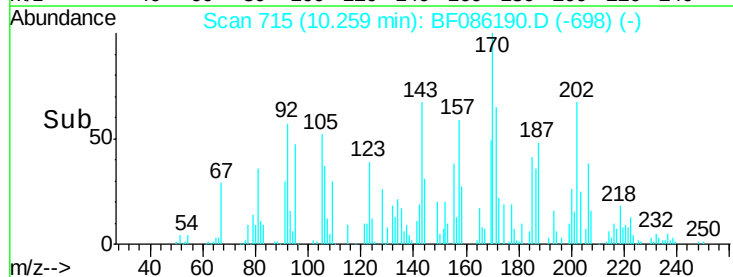
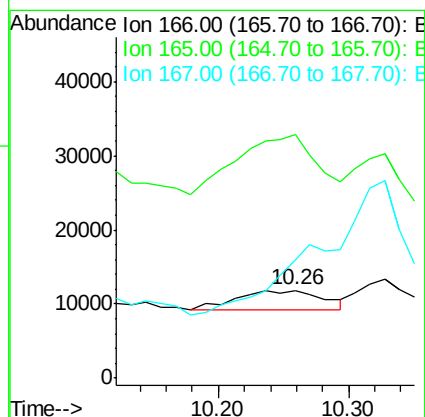
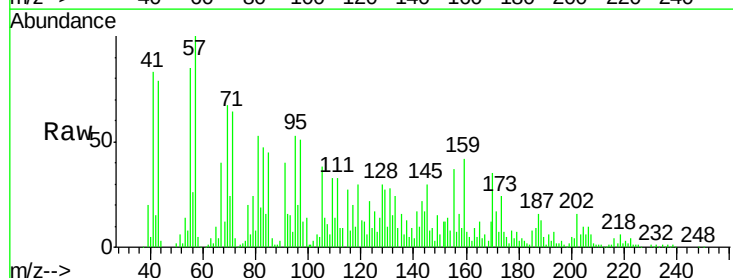
Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

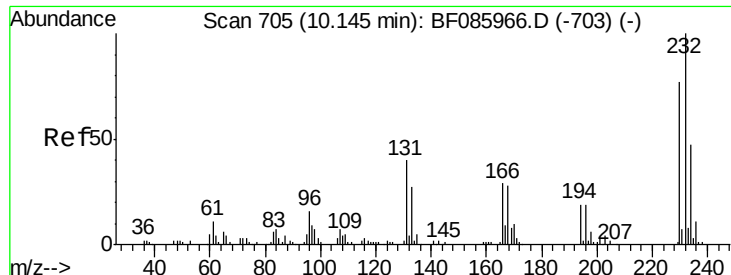
Tgt Ion:165 Resp: 74814
Ion Ratio Lower Upper
165 100
63 24.6 24.9 37.3#
89 22.4 41.0 61.6#
182 50.2 2.1 3.1#



#57
Fluorene
Concen: 4.30 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.10 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

Tgt Ion:166 Resp: 12358
Ion Ratio Lower Upper
166 100
165 276.4 79.4 119.0#
167 133.8 11.0 16.4#

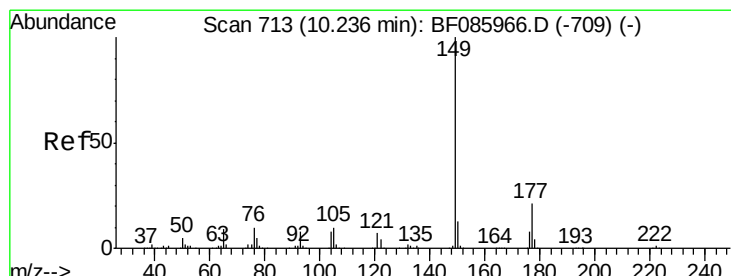
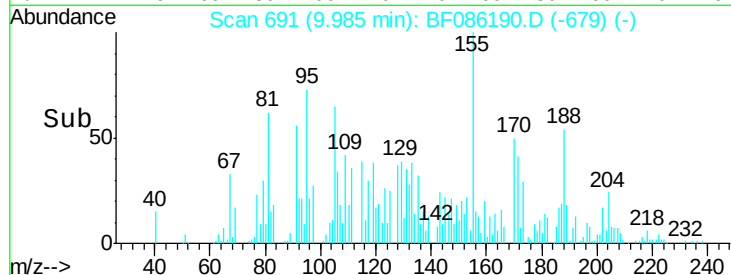
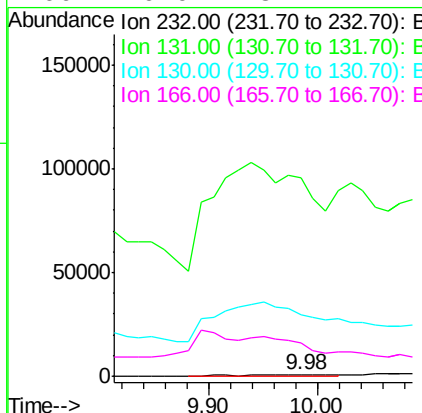
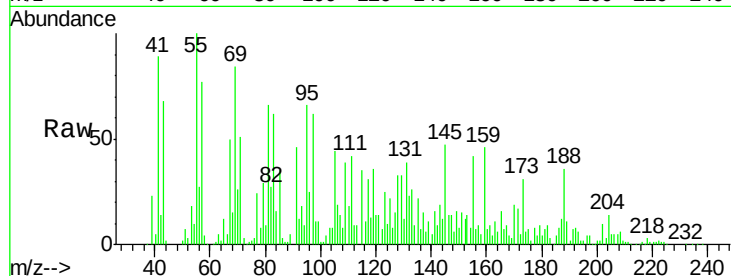




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.12 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.16 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

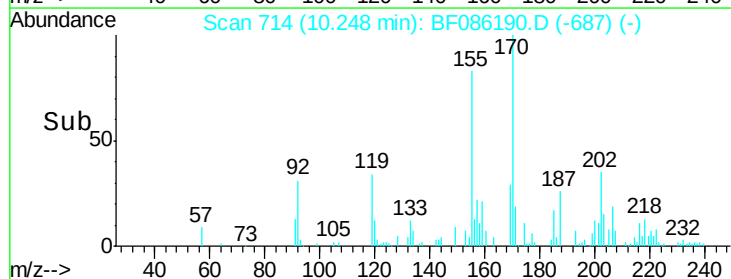
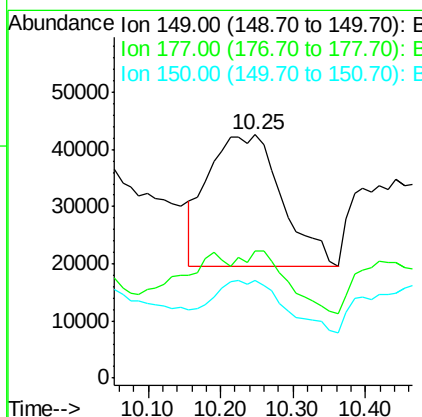
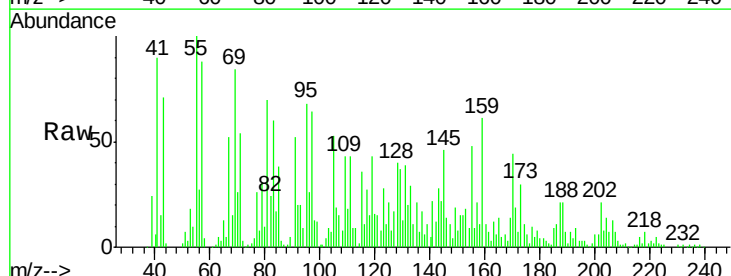
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

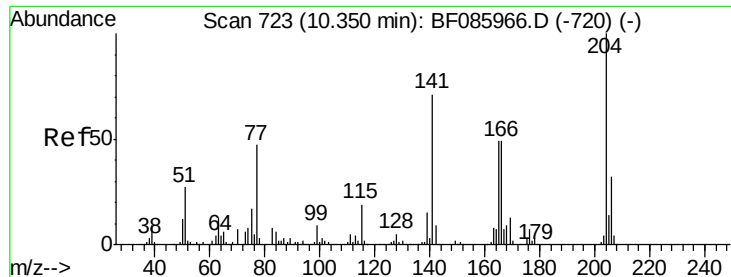
Tgt Ion: 232 Resp: 4438
 Ion Ratio Lower Upper
 232 100
 131 0.0 44.9 67.3#
 130 0.0 2.3 3.5#
 166 0.0 28.1 42.1#



#59
 Diethylphthalate
 Concen: 51.07 ng
 RT: 10.25 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

Tgt Ion: 149 Resp: 163303
 Ion Ratio Lower Upper
 149 100
 177 52.3 17.9 26.9#
 150 39.9 10.2 15.2#

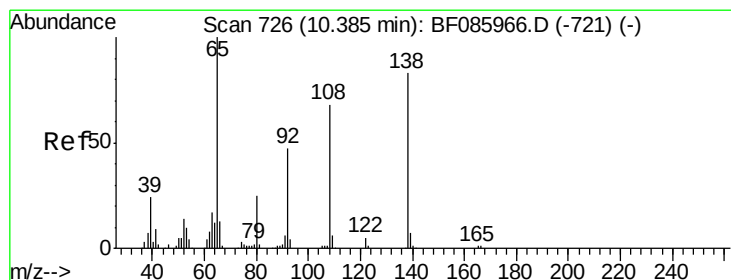
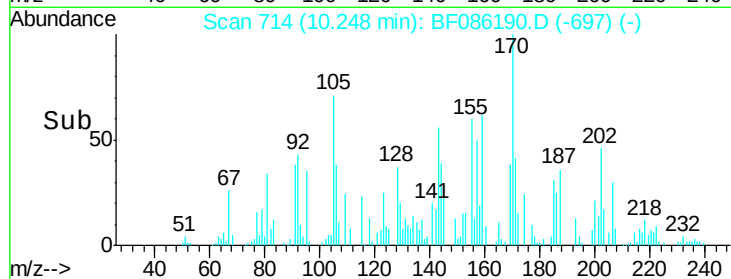
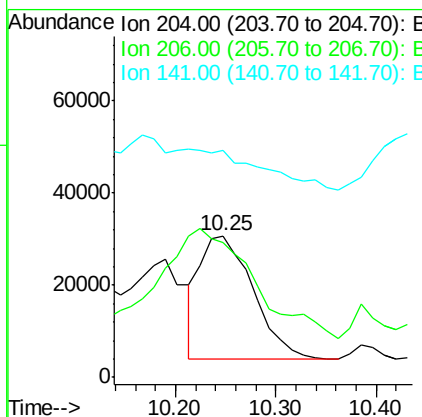
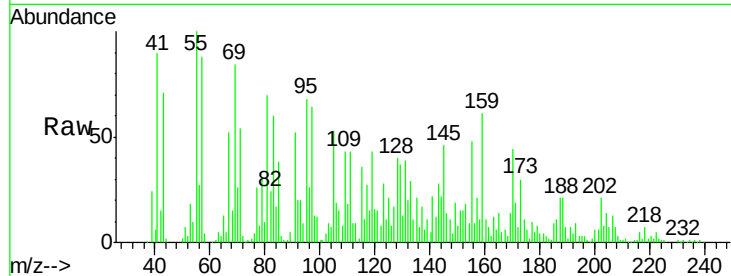




#60
4-Chlorophenyl-phenylether
Concen: 73.54 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.10 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

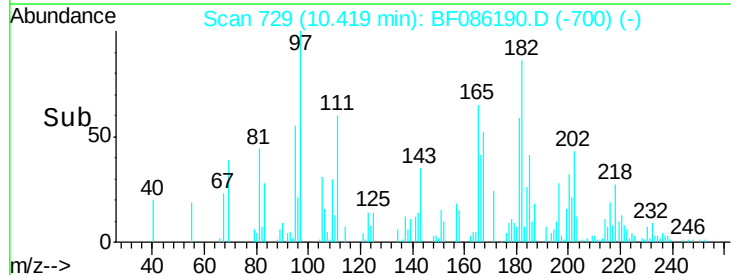
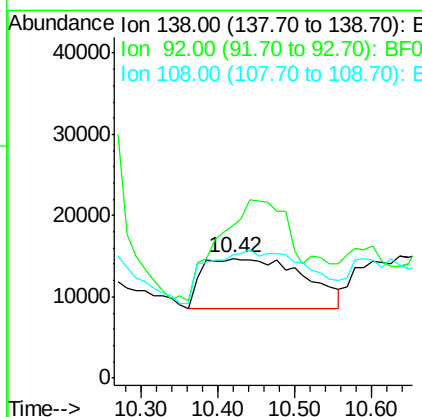
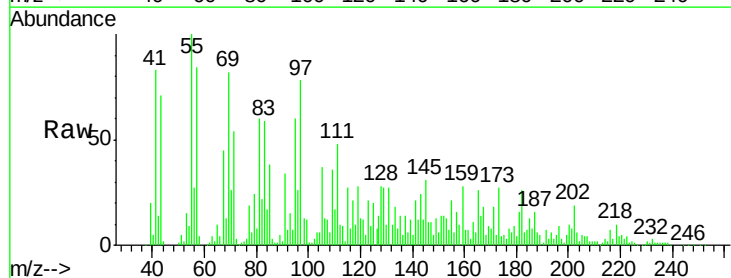
Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

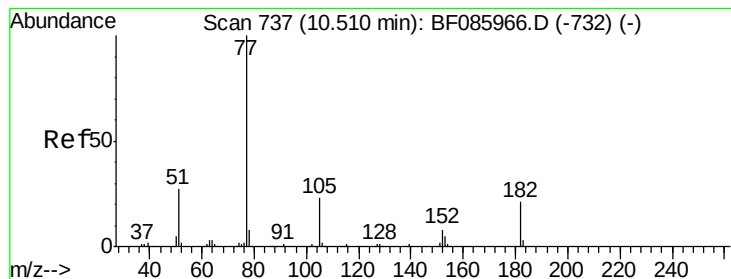
Tgt Ion: 204 Resp: 98373
Ion Ratio Lower Upper
204 100
206 95.3 26.6 39.8#
141 160.0 57.4 86.0#



#61
4-Nitroaniline
Concen: 71.49 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.03 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

Tgt Ion: 138 Resp: 56879
Ion Ratio Lower Upper
138 100
92 127.7 26.4 66.4#
108 103.5 49.0 89.0#





#62

Azobenzene

Concen: 58.88 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.07 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

Tgt Ion: 77 Resp: 180345

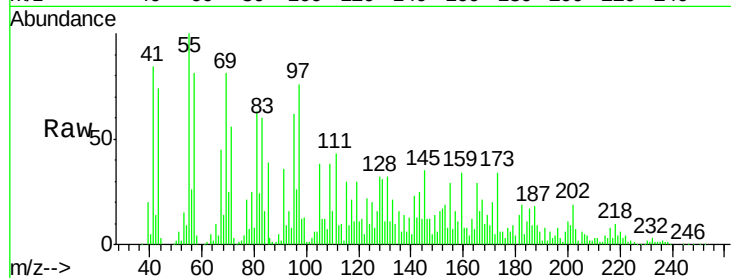
Ion Ratio Lower Upper

77 100

182 92.4 1.9 41.9#

105 184.6 3.5 43.5#

51 27.7 6.3 46.3

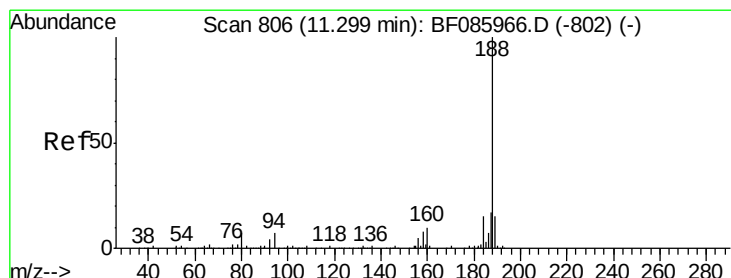
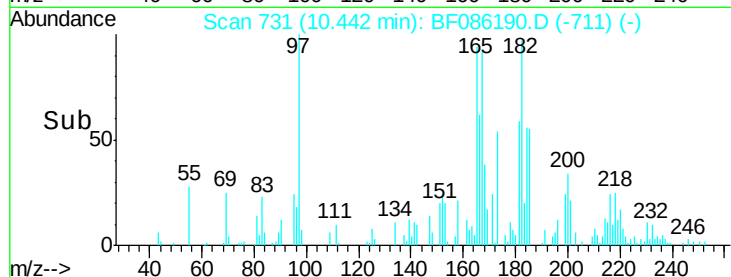
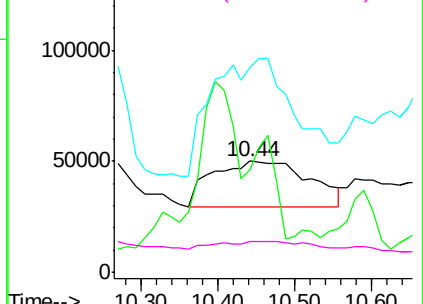


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.15 min Scan# 793

Delta R.T. -0.15 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

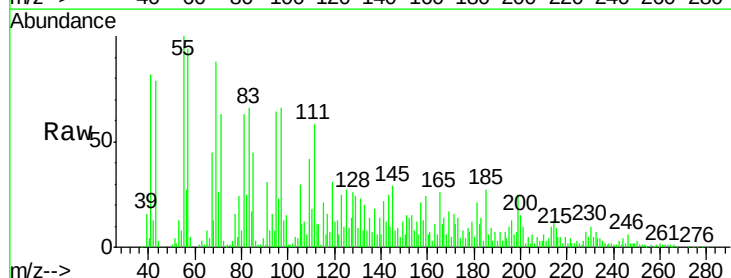
Tgt Ion: 188 Resp: 14423

Ion Ratio Lower Upper

188 100

94 298.1 5.4 8.0#

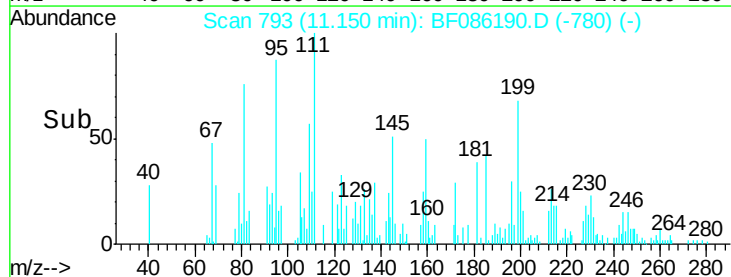
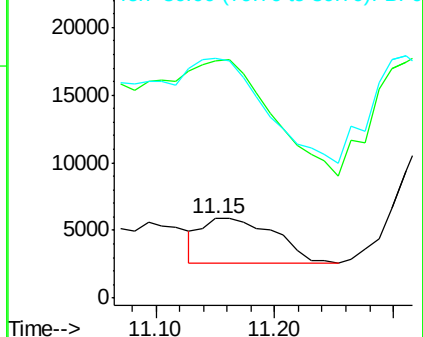
80 300.6 5.5 8.3#

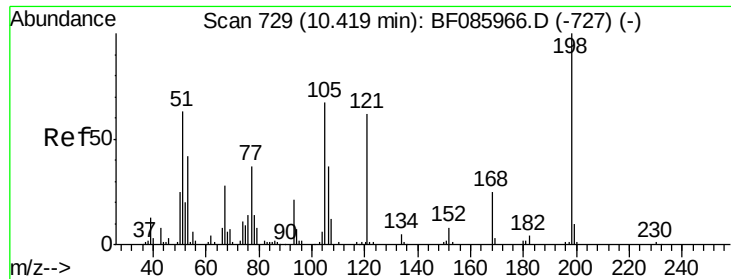


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.91 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.10 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

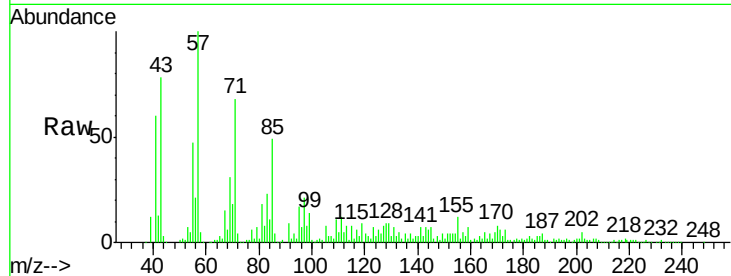
Tgt Ion:198 Resp: 1653

Ion Ratio Lower Upper

198 100

51 872.1 45.4 85.4#

105 3331.3 45.9 85.9#



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

150000

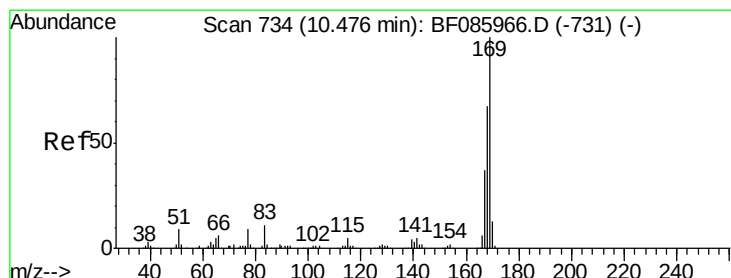
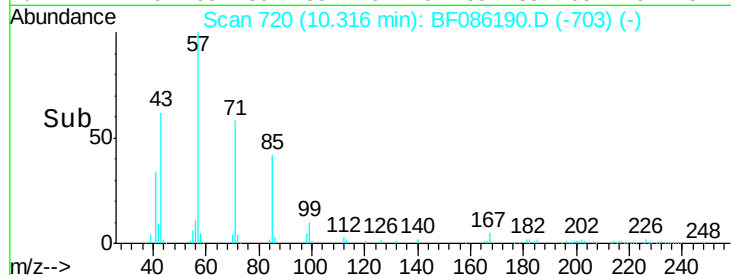
100000

50000

0

10.25 10.30 10.35

Time-->



#65

n-Nitrosodiphenylamine

Concen: 145.60 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.22 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

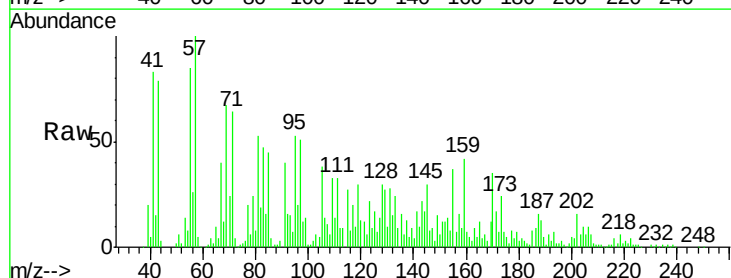
Tgt Ion:169 Resp: 65676

Ion Ratio Lower Upper

169 100

168 25.3 54.4 81.6#

167 48.3 29.4 44.0#



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

40000

30000

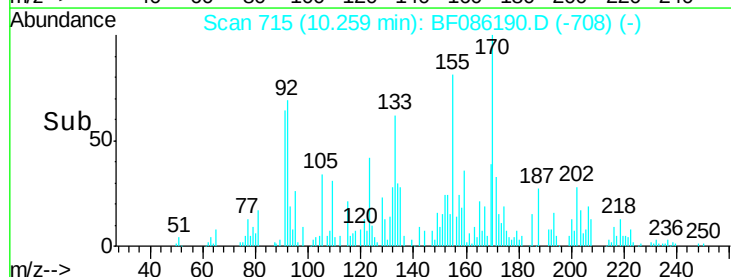
20000

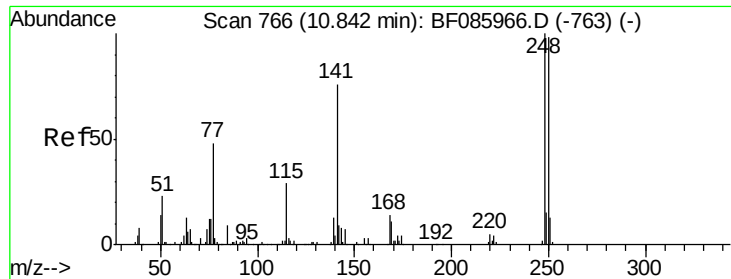
10000

0

10.15 10.20 10.25 10.30

Time-->

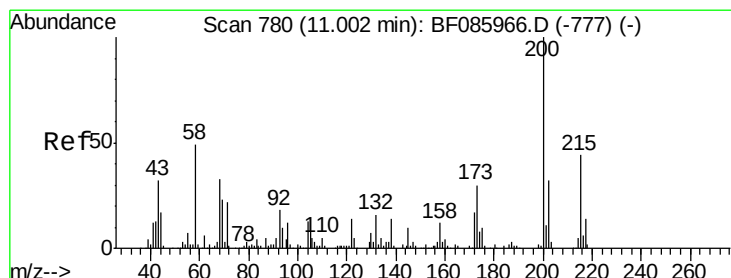
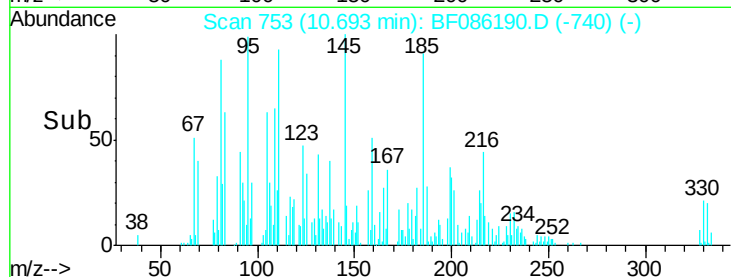
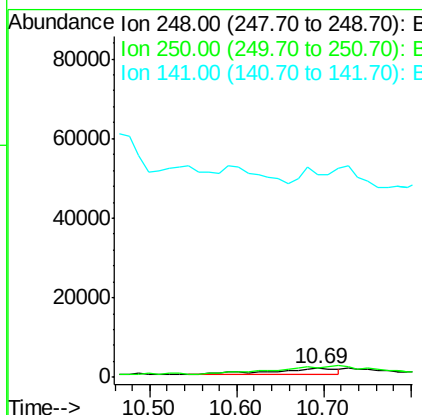
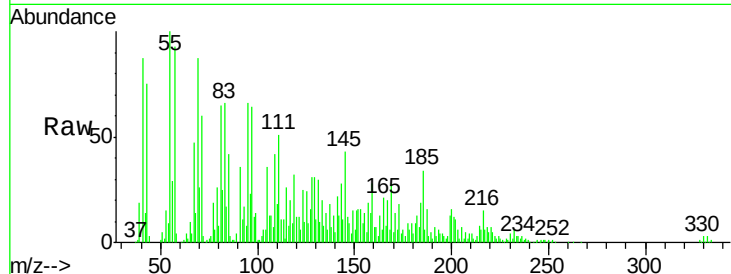




#66
4-Bromophenyl-phenylether
Concen: 51.16 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.15 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

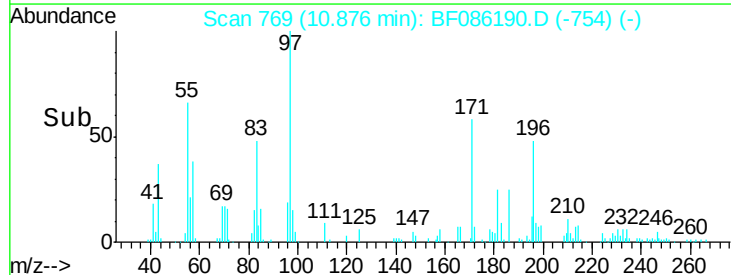
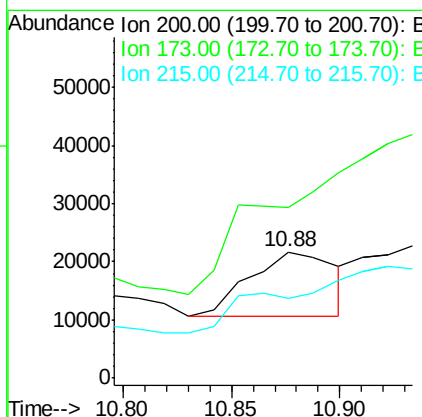
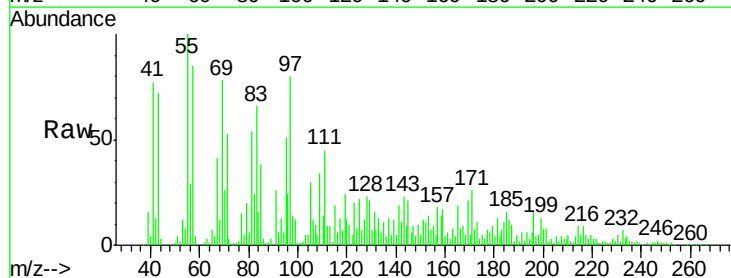
Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

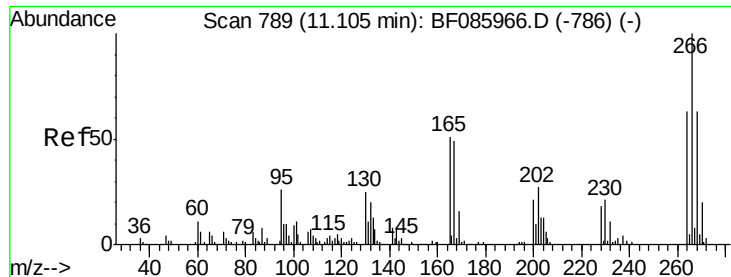
Tgt Ion:248 Resp: 7534
Ion Ratio Lower Upper
248 100
250 112.1 77.4 116.0
141 2281.5 63.6 95.4#



#68
Atrazine
Concen: 211.87 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.13 min
Lab File: BF086190.D
Acq: 9 Apr 2016 1:34

Tgt Ion:200 Resp: 30878
Ion Ratio Lower Upper
200 100
173 135.2 7.7 47.7#
215 63.0 25.4 65.4

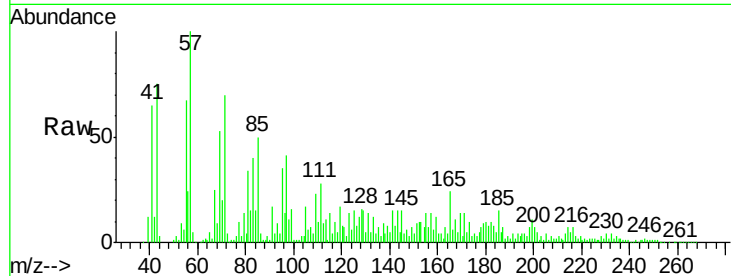




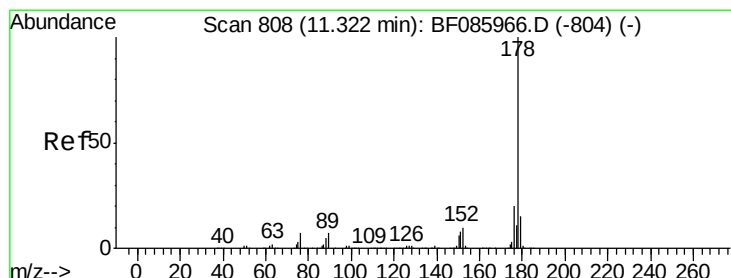
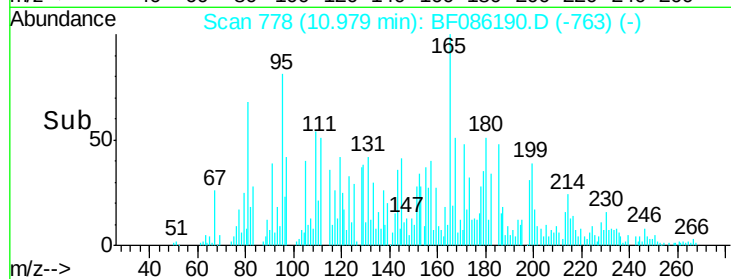
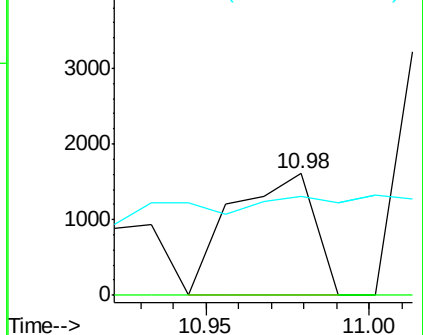
#69
 Pentachlorophenol
 Concen: 39.64 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.13 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

Tgt Ion: 266 Resp: 2829
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.5 77.3#
 264 81.3 50.6 76.0#

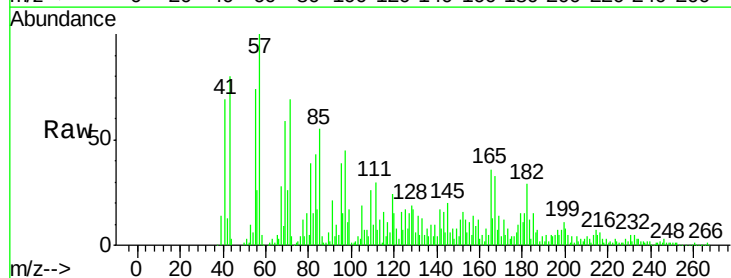


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

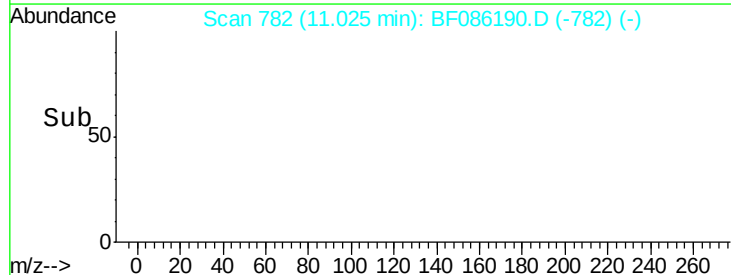
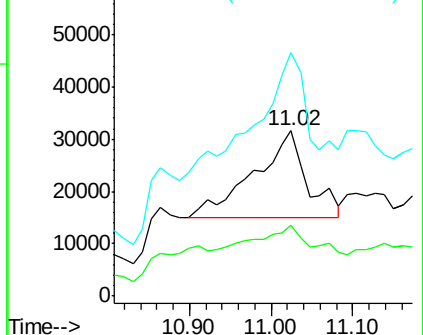


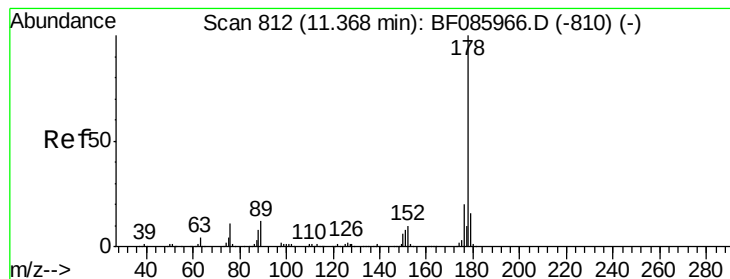
#70
 Phenanthrene
 Concen: 95.18 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.30 min
 Lab File: BF086190.D
 Acq: 9 Apr 2016 1:34

Tgt Ion: 178 Resp: 74895
 Ion Ratio Lower Upper
 178 100
 176 42.6 16.3 24.5#
 179 147.3 12.6 18.8#



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





#71

Anthracene

Concen: 228.82 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.02 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

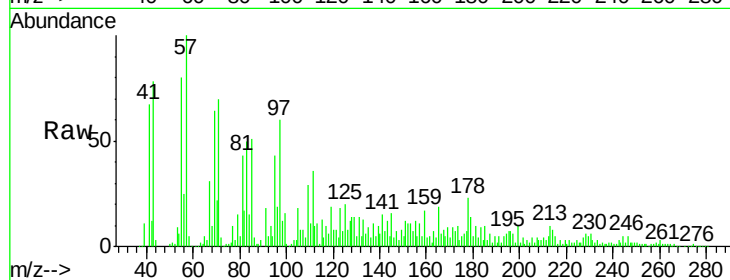
Tgt Ion:178 Resp: 188600

Ion Ratio Lower Upper

178 100

176 25.1 15.9 23.9#

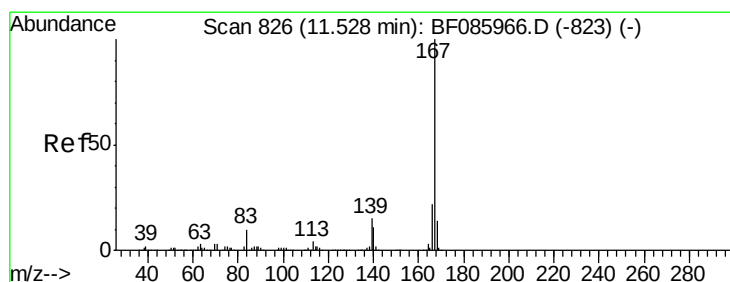
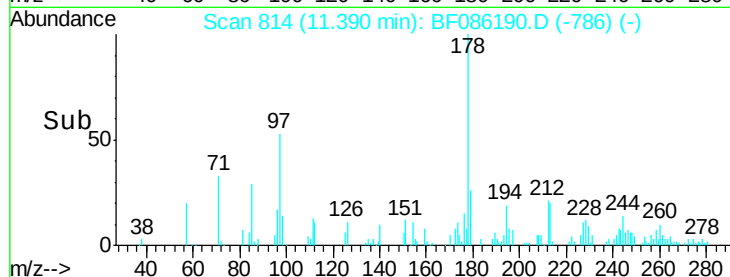
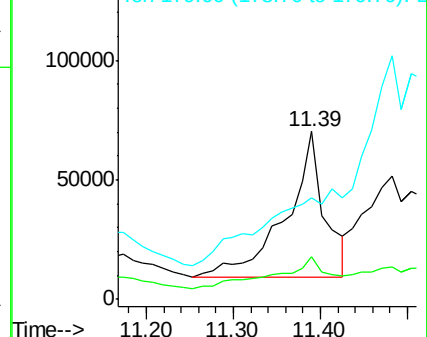
179 60.2 13.0 19.4#



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: 220.40 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.11 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

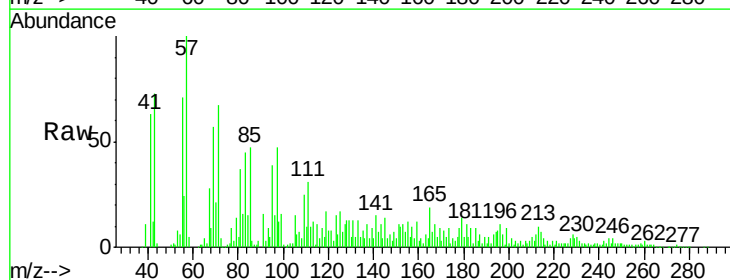
Tgt Ion:167 Resp: 156161

Ion Ratio Lower Upper

167 100

166 61.6 17.8 26.8#

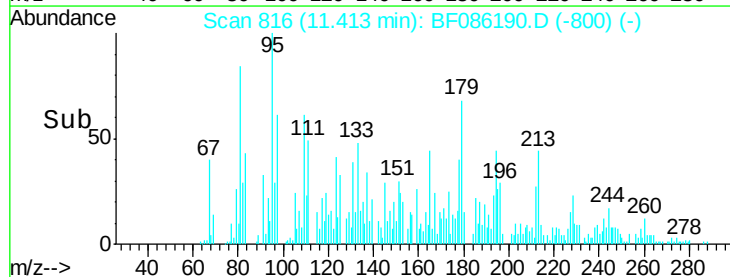
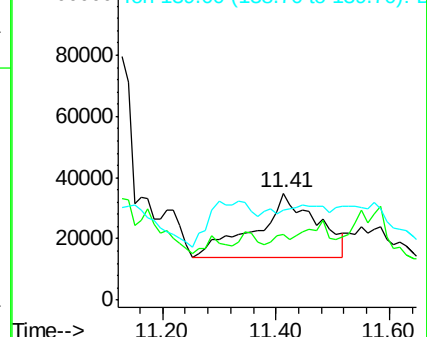
139 84.1 11.6 17.4#

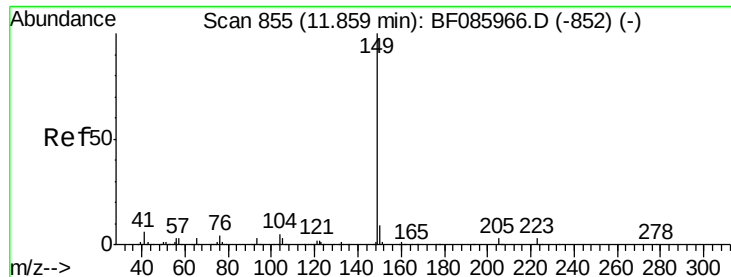


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 108.81 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.11 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

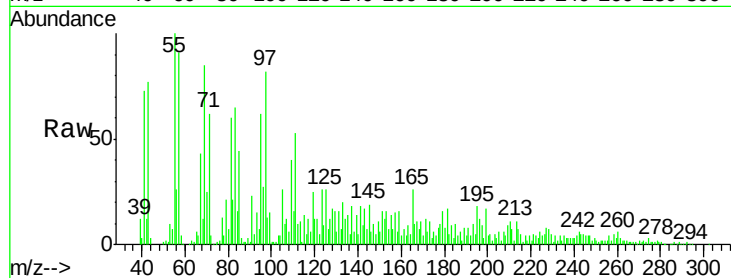
Tgt Ion:149 Resp: 95531

Ion Ratio Lower Upper

149 100

150 50.3 7.6 11.4#

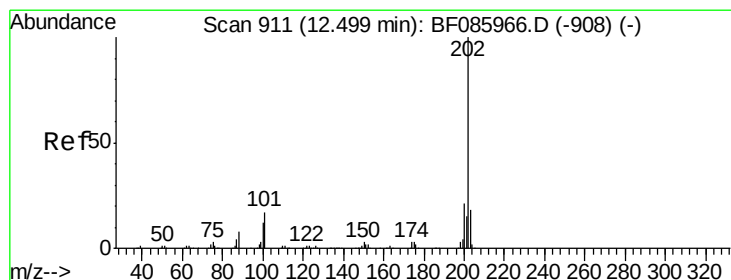
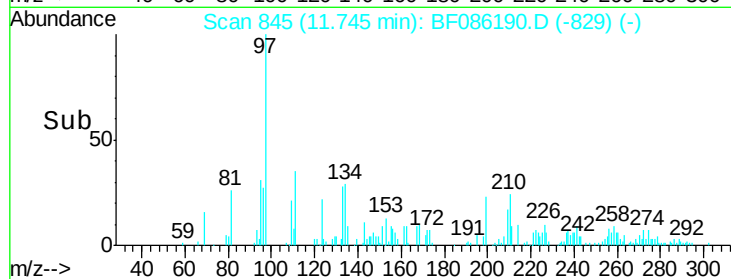
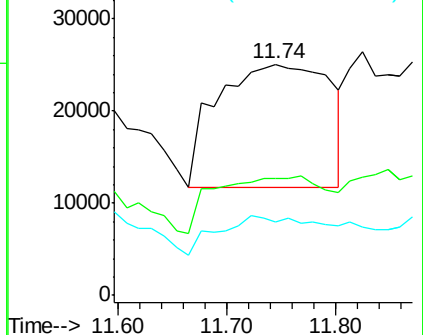
104 31.6 3.8 5.8#



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



#74

Fluoranthene

Concen: 16.08 ng

RT: 12.30 min Scan# 894

Delta R.T. -0.19 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

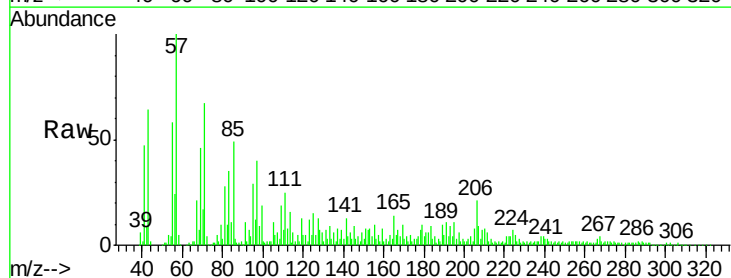
Tgt Ion:202 Resp: 13157

Ion Ratio Lower Upper

202 100

101 44.2 0.0 36.6#

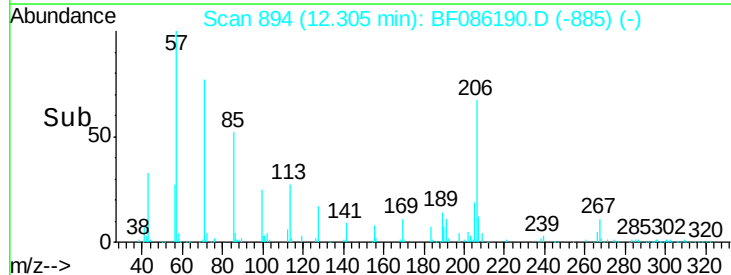
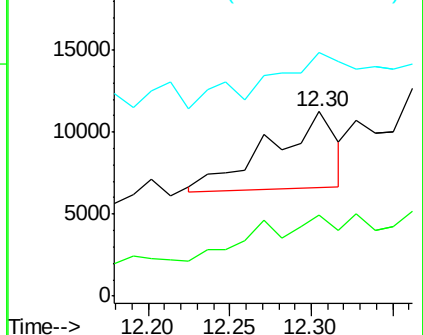
203 132.1 0.0 38.1#

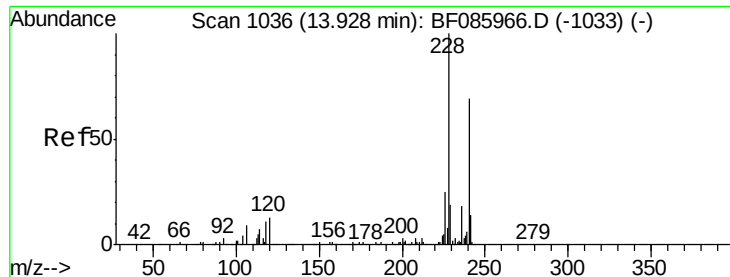


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

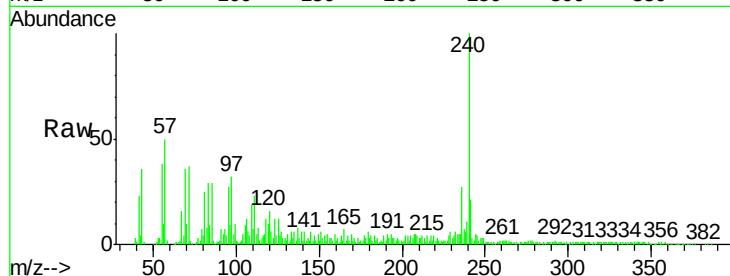
Tgt Ion:240 Resp: 197836

Ion Ratio Lower Upper

240 100

120 15.8 13.8 20.8

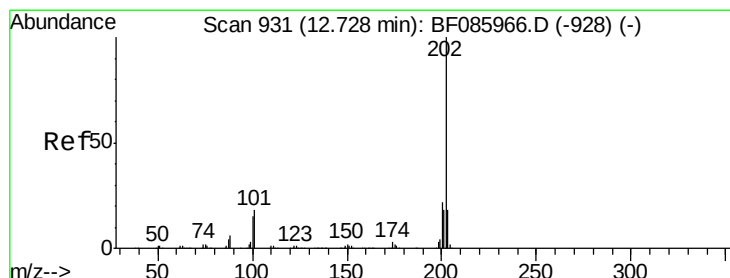
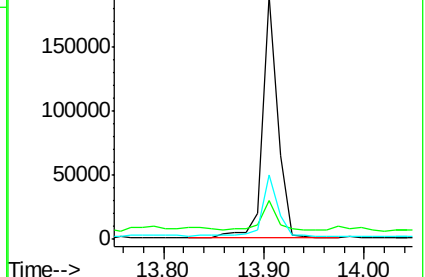
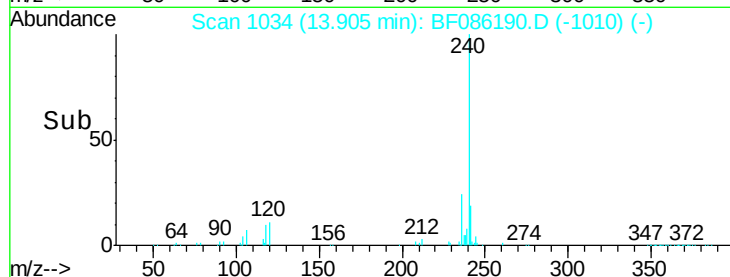
236 26.5 20.6 30.8



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: 14.44 ng

RT: 12.75 min Scan# 933

Delta R.T. 0.02 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

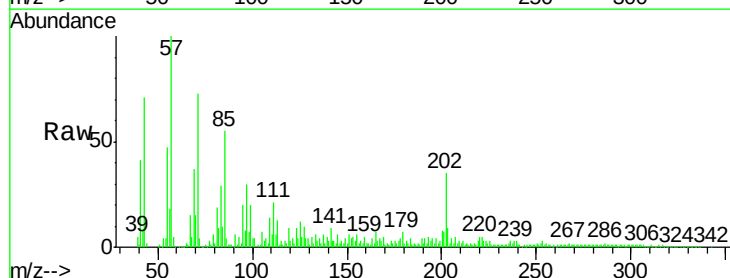
Tgt Ion:202 Resp: 201253

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

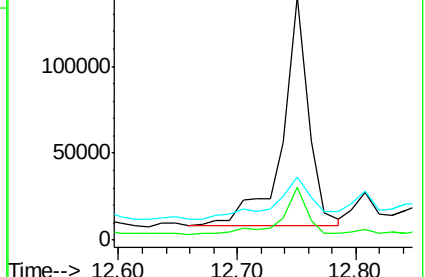
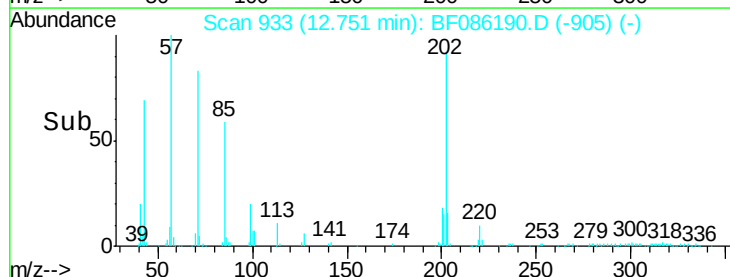
203 25.7 14.0 21.0#

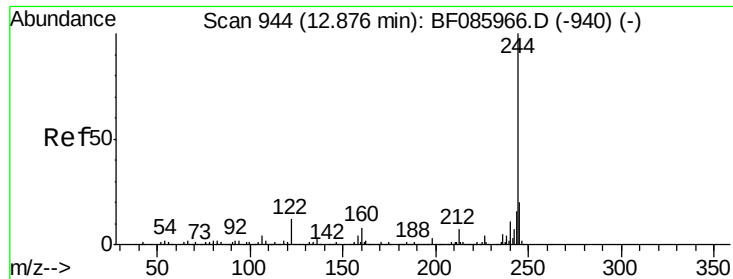


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 44.21 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

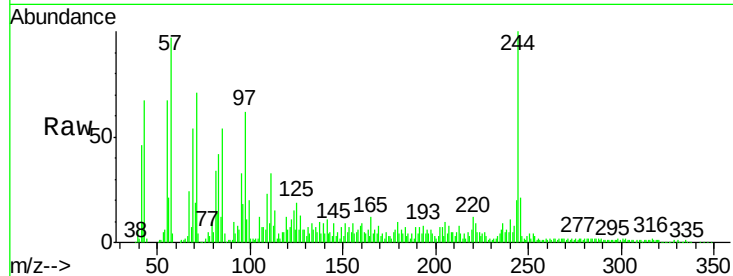
Tgt Ion:244 Resp: 372051

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

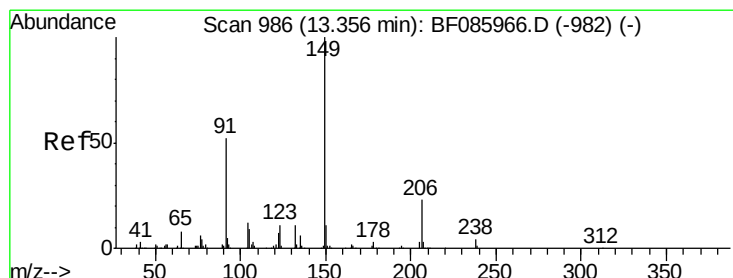
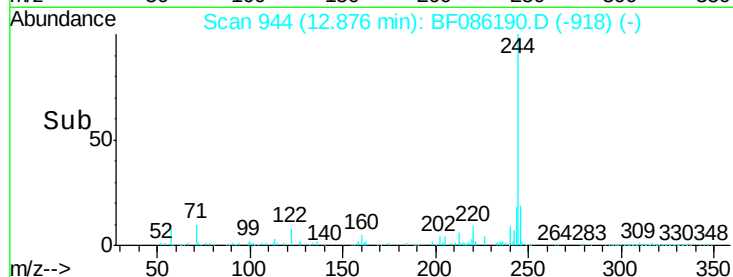
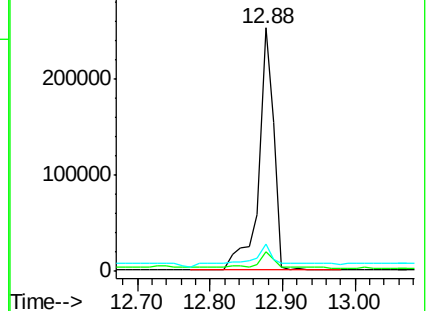
122 11.4 10.2 15.4



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: 6.08 ng

RT: 13.47 min Scan# 996

Delta R.T. 0.11 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

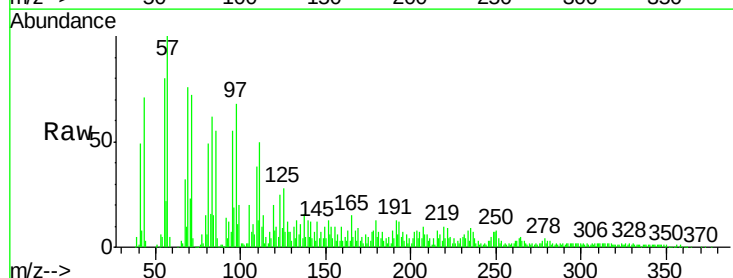
Tgt Ion:149 Resp: 38139

Ion Ratio Lower Upper

149 100

91 132.5 45.8 68.8#

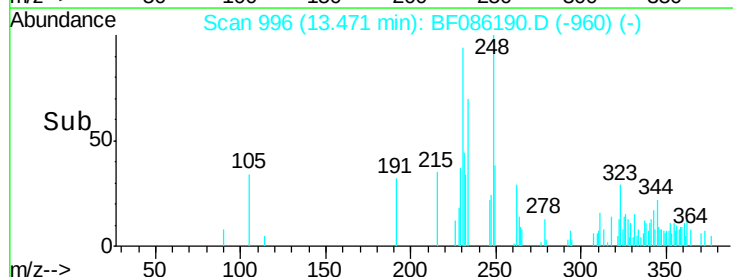
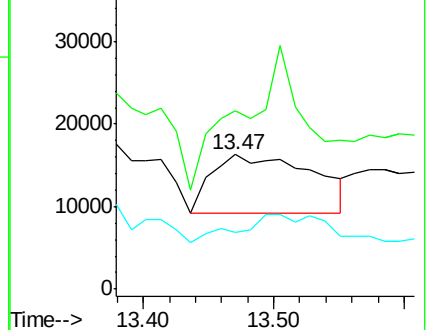
206 41.8 17.8 26.8#

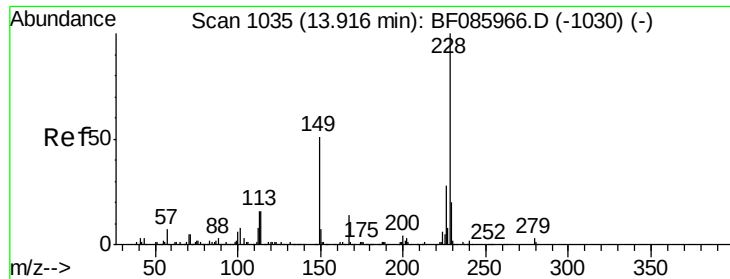


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.16 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

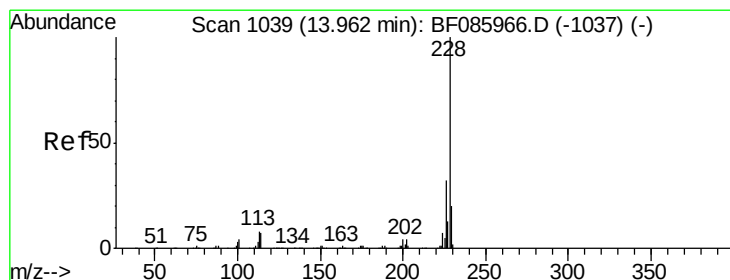
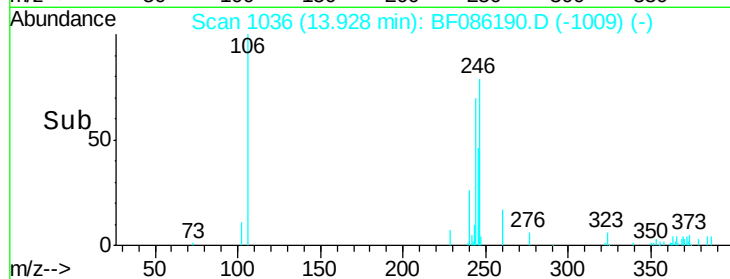
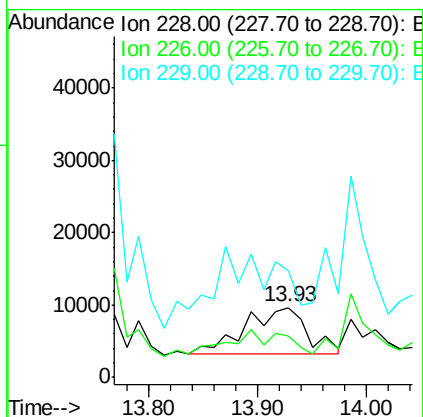
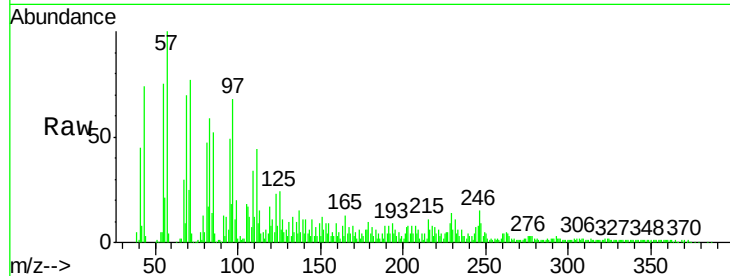
Tgt Ion:228 Resp: 25163

Ion Ratio Lower Upper

228 100

226 59.4 22.1 33.1#

229 153.9 16.2 24.4#



#82

Chrysene

Concen: 2.23 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

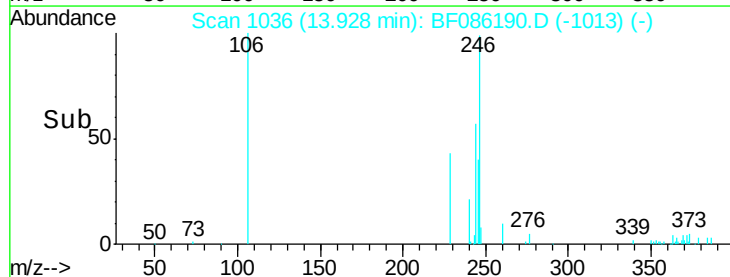
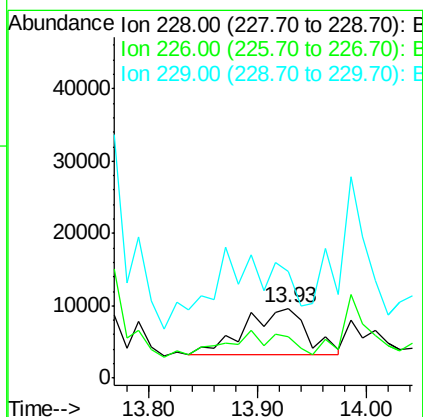
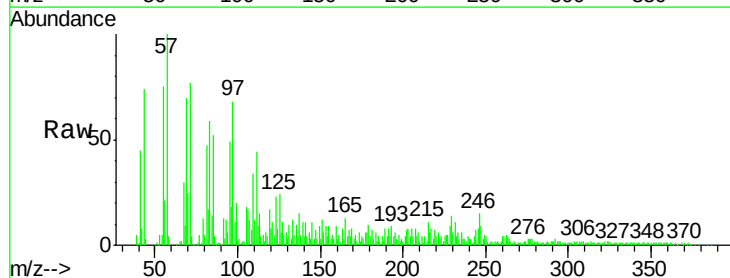
Tgt Ion:228 Resp: 25072

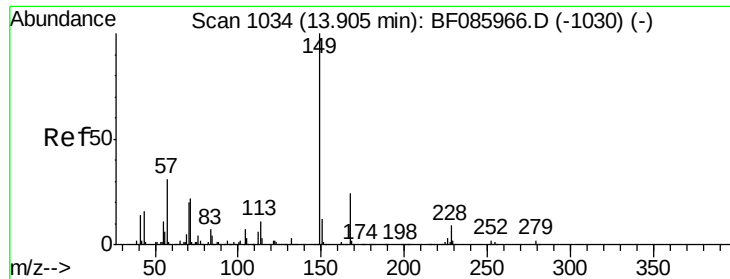
Ion Ratio Lower Upper

228 100

226 59.4 25.0 37.6#

229 153.9 15.7 23.5#





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.58 ng

RT: 13.79 min Scan# 1024

Delta R.T. -0.11 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

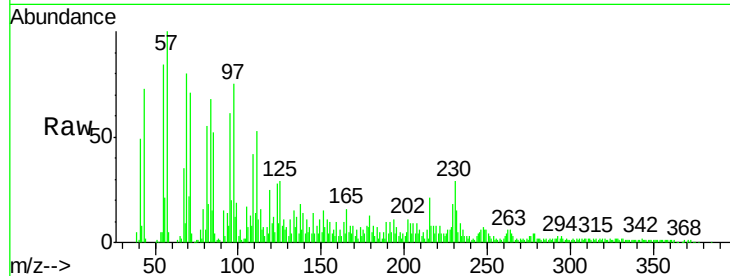
Tgt Ion:149 Resp: 21467

Ion Ratio Lower Upper

149 100

167 74.7 19.4 29.2#

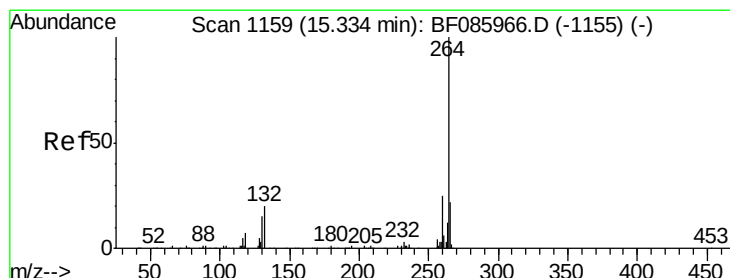
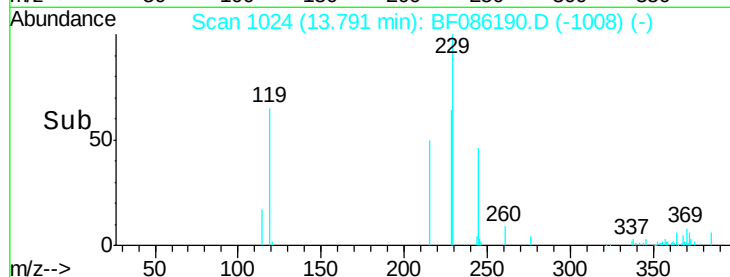
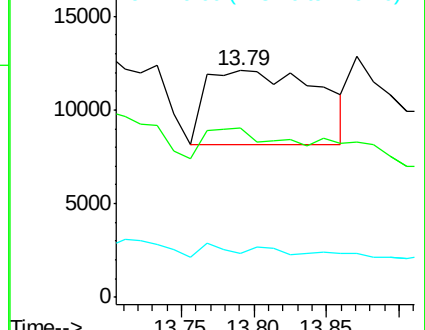
279 19.6 1.5 2.3#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BF086190.D

Acq: 9 Apr 2016 1:34

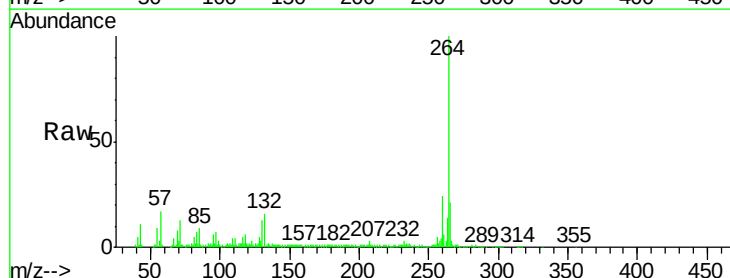
Tgt Ion:264 Resp: 207515

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.2 17.2 25.8



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

