

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086844.D
 Acq On : 10 May 2016 2:22
 Operator : UM/SJ
 Sample : H2895-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Quant Time: May 10 03:51:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	166032	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	672224	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	327008	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	569585	20.00	ng	0.00
75) Chrysene-d12	13.84	240	329914	20.00	ng	0.00
86) Perylene-d12	15.21	264	336187	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1307188	133.33	ng	0.01
7) Phenol-d6	6.36	99	1734797	132.40	ng	0.00
23) Nitrobenzene-d5	7.26	82	1267679	94.69	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	425170	122.81	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1620241	83.27	ng	0.00
78) Terphenyl-d14	12.78	244	1417171	91.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	159326	33.10	ng	# 68
3) Pyridine	2.92	79	457598	38.89	ng	# 68
4) n-Nitrosodimethylamine	2.88	42	381866	44.75	ng	# 49
6) Aniline	6.36	93	393668	24.84	ng	# 29
8) 2-Chlorophenol	6.49	128	526650	44.52	ng	97
9) Benzaldehyde	6.25	77	53323	7.03	ng	94
10) Phenol	6.37	94	715894	45.97	ng	# 69
11) bis(2-Chloroethyl)ether	6.44	93	525059	43.24	ng	89
12) 1,3-Dichlorobenzene	6.86	146	491699	38.41	ng	96
13) 1,4-Dichlorobenzene	6.86	146	494932	37.91	ng	96
14) 1,2-Dichlorobenzene	6.86	146	497409	43.71	ng	99
15) Benzyl Alcohol	6.85	79	440274	48.66	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1033521	39.14	ng	52
17) 2-Methylphenol	6.98	107	445479	47.32	ng	# 82
18) Hexachloroethane	7.20	117	197927	40.29	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	446098	48.72	ng	# 76
20) 3+4-Methylphenols	7.14	107	582606	47.39	ng	# 58
22) Acetophenone	7.12	105	756822	47.66	ng	99
24) Nitrobenzene	7.29	77	640146	46.48	ng	99
25) Isophorone	7.53	82	1113565	44.83	ng	99
26) 2-Nitrophenol	7.61	139	281858	46.56	ng	95
27) 2,4-Dimethylphenol	7.65	122	445367	43.19	ng	89
28) bis(2-Chloroethoxy)methane	7.74	93	699968	52.24	ng	99
29) 2,4-Dichlorophenol	7.85	162	423971	46.71	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	462051	45.53	ng	99
31) Naphthalene	8.00	128	1517113	45.06	ng	99
32) Benzoic acid	7.77	122	71226	11.76	ng	# 82
33) 4-Chloroaniline	8.06	127	191645	14.65	ng	# 95
34) Hexachlorobutadiene	8.12	225	261968	44.49	ng	98
35) Caprolactam	8.45	113	95149	30.81	ng	# 58
36) 4-Chloro-3-methylphenol	8.57	107	480070	43.61	ng	91
37) 2-Methylnaphthalene	8.69	142	977645	49.67	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	400962	42.17	ng	99
40) Hexachlorocyclopentadiene	8.84	237	257596	57.08	ng	96

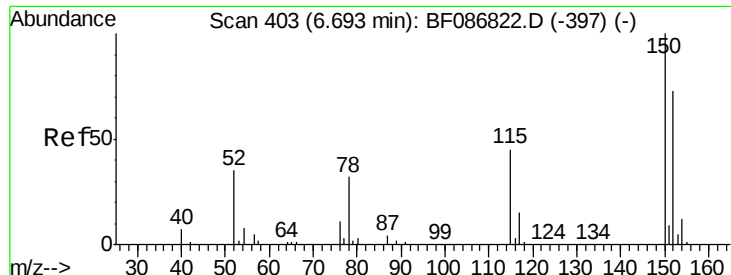
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086844.D
 Acq On : 10 May 2016 2:22
 Operator : UM/SJ
 Sample : H2895-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Quant Time: May 10 03:51:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	280809	44.17	ng	95
43) 2,4,5-Trichlorophenol	9.04	196	292776	44.53	ng	94
45) 1,1'-Biphenyl	9.16	154	1220776	46.93	ng	98
46) 2-Chloronaphthalene	9.18	162	919407	45.12	ng	98
47) 2-Nitroaniline	9.29	65	326555	43.85	ng	# 74
48) Acenaphthylene	9.60	152	1365240	45.55	ng	99
49) Dimethylphthalate	9.47	163	1454616	58.30	ng	99
50) 2,6-Dinitrotoluene	9.54	165	243572	46.39	ng	# 64
51) Acenaphthene	9.77	154	945646	50.72	ng	99
52) 3-Nitroaniline	9.70	138	130319	23.58	ng	# 80
53) 2,4-Dinitrophenol	9.81	184	90607	38.21	ng	90
54) Dibenzofuran	9.94	168	1277366	53.37	ng	97
55) 4-Nitrophenol	9.89	139	333906	89.99	ng	# 60
56) 2,4-Dinitrotoluene	9.94	165	302144	46.50	ng	# 88
57) Fluorene	10.28	166	1083281	53.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	253683	51.25	ng	99
59) Diethylphthalate	10.17	149	1062772	43.71	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	380316	42.16	ng	98
61) 4-Nitroaniline	10.32	138	219285	41.31	ng	# 70
62) Azobenzene	10.43	77	1215349	46.34	ng	86
64) 4,6-Dinitro-2-methylphenol	10.34	198	103987	29.39	ng	# 14
65) n-Nitrosodiphenylamine	10.40	169	825564	47.18	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	272484	47.18	ng	# 83
67) Hexachlorobenzene	10.82	284	274714	40.70	ng	# 73
68) Atrazine	10.93	200	279654	47.84	ng	95
69) Pentachlorophenol	11.02	266	291059	93.31	ng	97
70) Phenanthrene	11.24	178	2426965	79.84	ng	99
71) Anthracene	11.29	178	1583960	50.95	ng	99
72) Carbazole	11.45	167	1278535	47.84	ng	98
73) Di-n-butylphthalate	11.78	149	1392357	42.67	ng	# 98
74) Fluoranthene	12.42	202	1901380	60.82	ng	97
76) Benzidine	12.54	184	492019	58.50	ng	97
77) Pyrene	12.65	202	1968982	77.96	ng	98
79) Butylbenzylphthalate	13.27	149	496396	46.46	ng	# 69
80) Benzo(a)anthracene	13.83	228	1125556	60.77	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	142148	12.08	ng	98
82) Chrysene	13.86	228	974447	51.72	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	613271	47.72	ng	97
84) Di-n-octyl phthalate	14.43	149	1036621	48.70	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.51	276	1010351	64.46	ng	94
87) Benzo(b)fluoranthene	14.83	252	1919353	87.85	ng	97
88) Benzo(k)fluoranthene	14.83	252	1919353	107.29	ng	99
89) Benzo(a)pyrene	15.16	252	1022327	54.25	ng	# 96
90) Dibenzo(a,h)anthracene	16.65	278	43799	2.76	ng	97
91) Benzo(g,h,i)perylene	16.90	276	876192	54.29	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

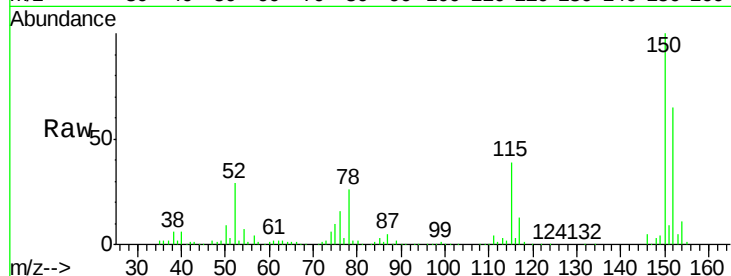
Tgt Ion:152 Resp: 166032

Ion Ratio Lower Upper

152 100

150 152.9 125.8 188.6

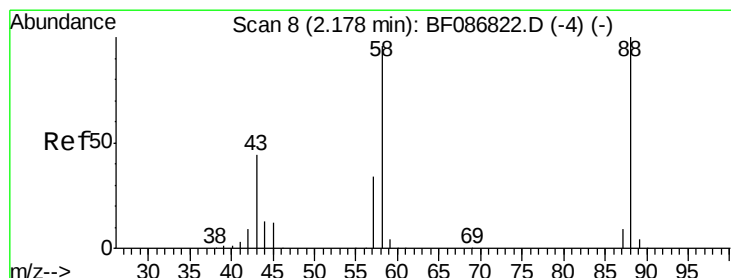
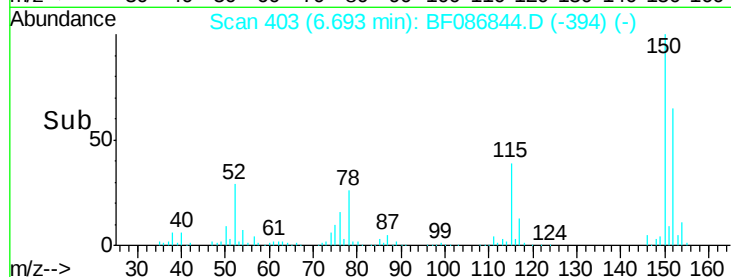
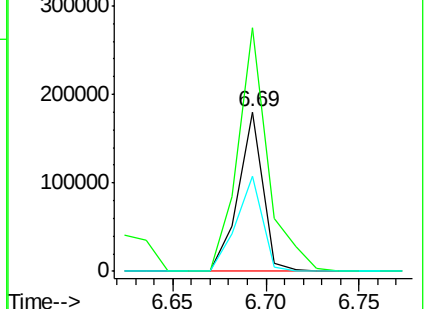
115 59.7 51.5 77.3



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: 33.10 ng

RT: 2.25 min Scan# 14

Delta R.T. 0.07 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

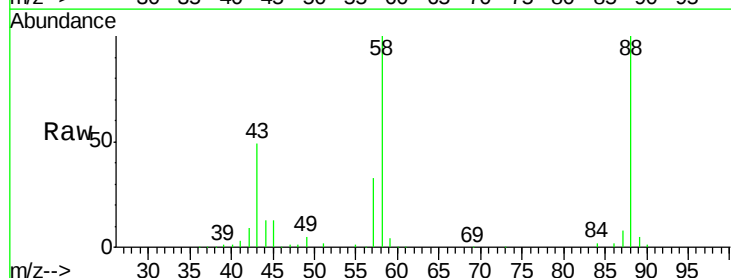
Tgt Ion: 88 Resp: 159326

Ion Ratio Lower Upper

88 100

58 100.5 59.6 89.4#

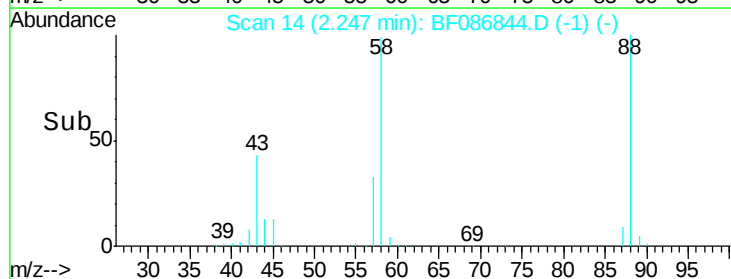
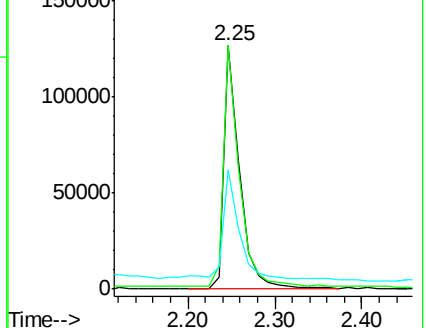
43 45.5 21.8 32.6#

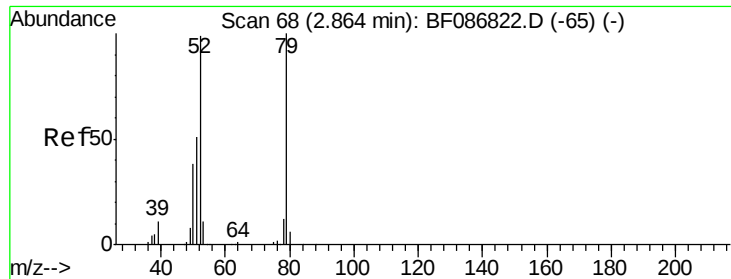


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.89 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.06 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

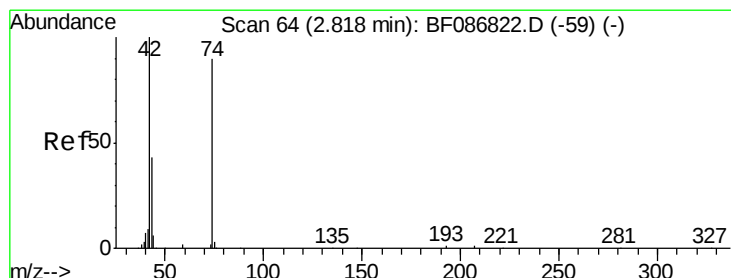
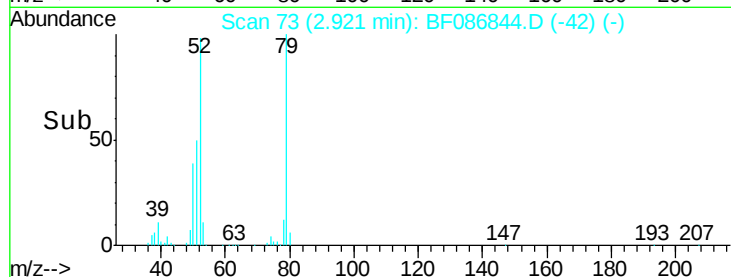
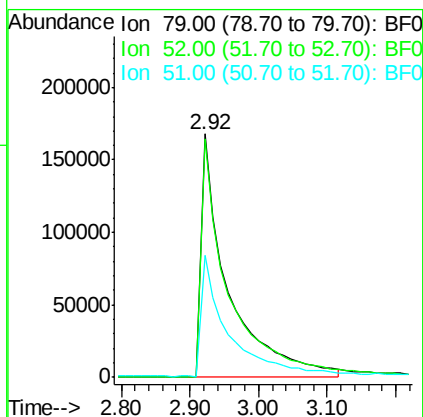
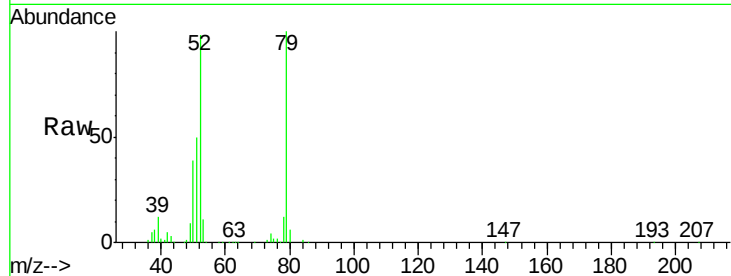
Tgt Ion: 79 Resp: 457598

Ion Ratio Lower Upper

79 100

52 98.2 55.9 83.9#

51 50.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 44.75 ng

RT: 2.88 min Scan# 69

Delta R.T. 0.06 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

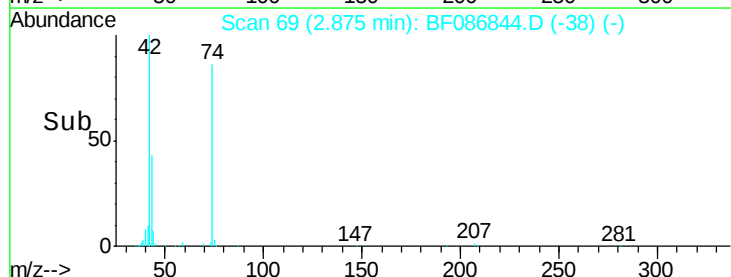
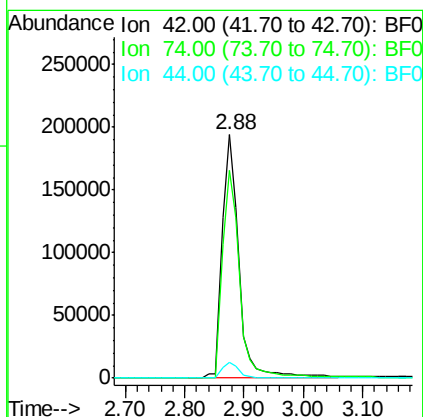
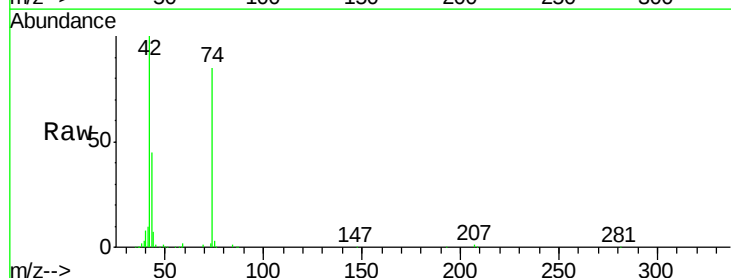
Tgt Ion: 42 Resp: 381866

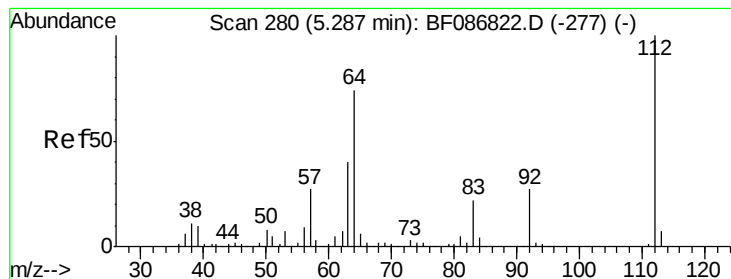
Ion Ratio Lower Upper

42 100

74 85.3 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 133.33 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampled :

TP8-9.5FTMS

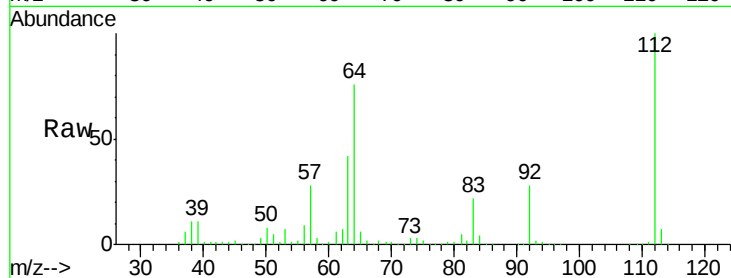
Tgt Ion: 112 Resp: 1307188

Ion Ratio Lower Upper

112 100

64 76.2 52.1 78.1

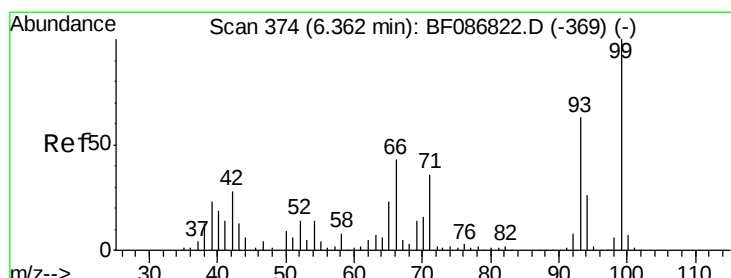
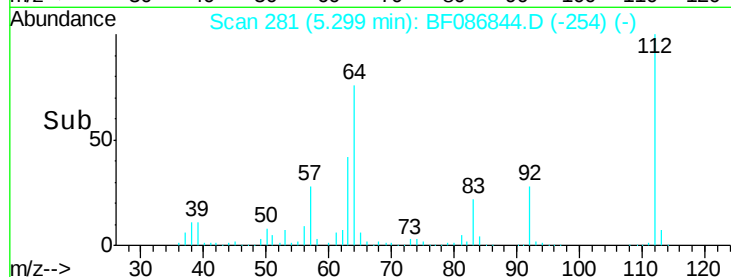
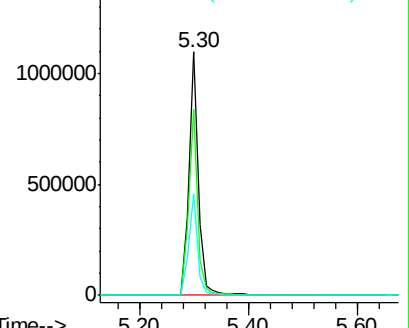
63 41.5 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.84 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

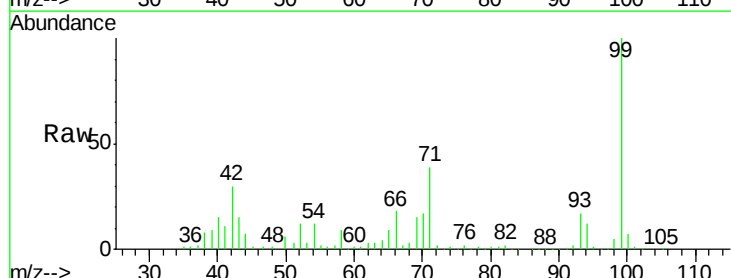
Tgt Ion: 93 Resp: 393668

Ion Ratio Lower Upper

93 100

66 105.6 39.0 58.6#

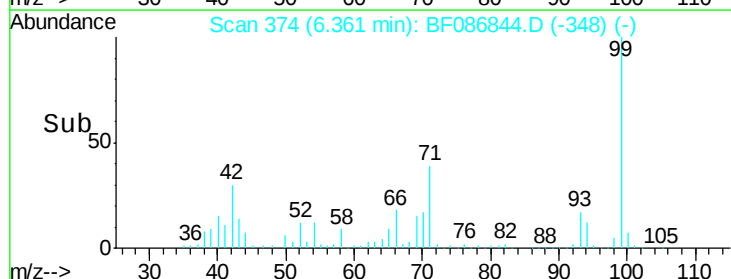
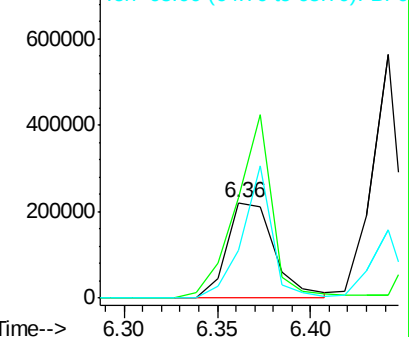
65 50.7 20.6 31.0#

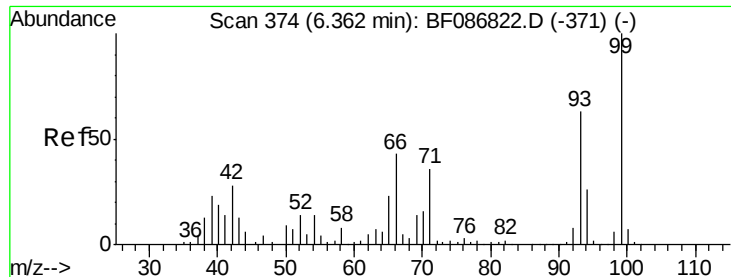


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.40 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

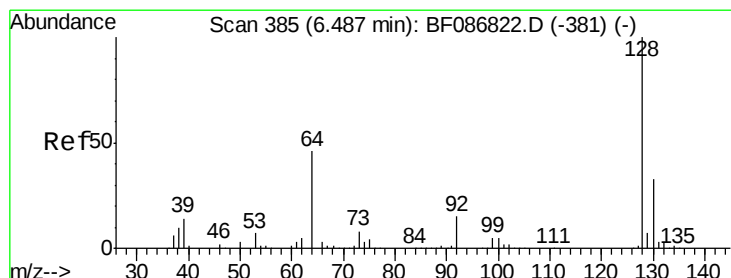
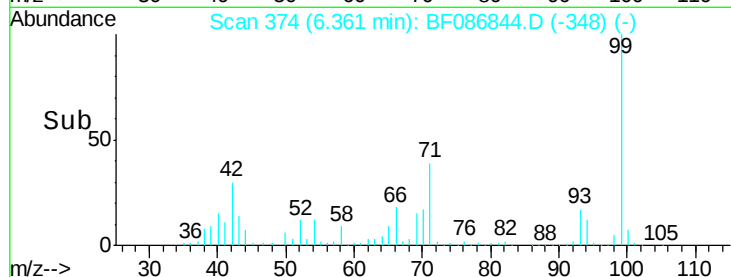
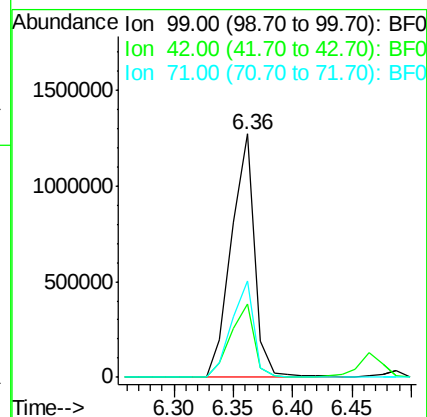
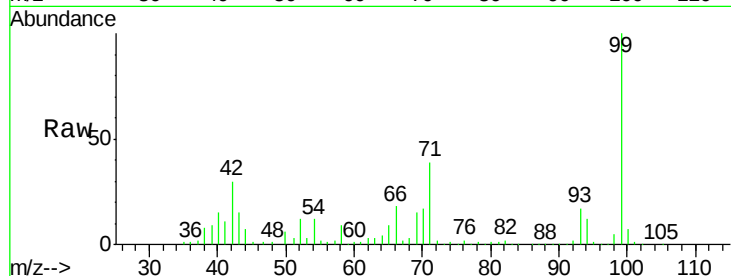
Tgt Ion: 99 Resp: 1734797

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

71 39.5 24.6 36.8#



#8

2-Chlorophenol

Concen: 44.52 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

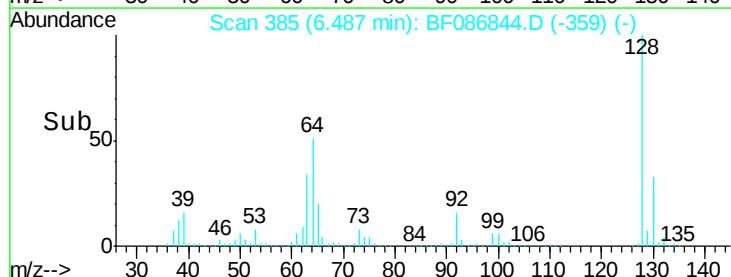
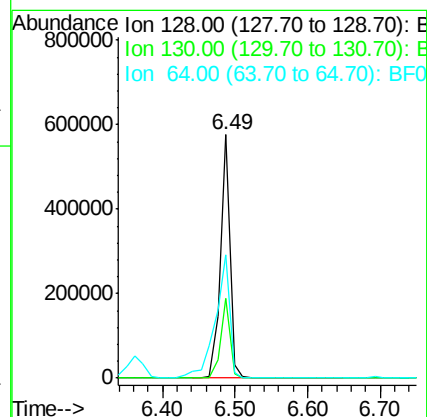
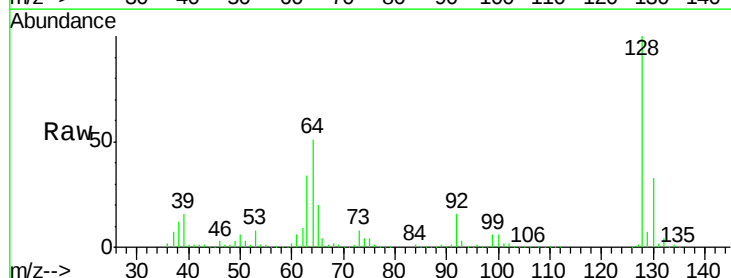
Tgt Ion: 128 Resp: 526650

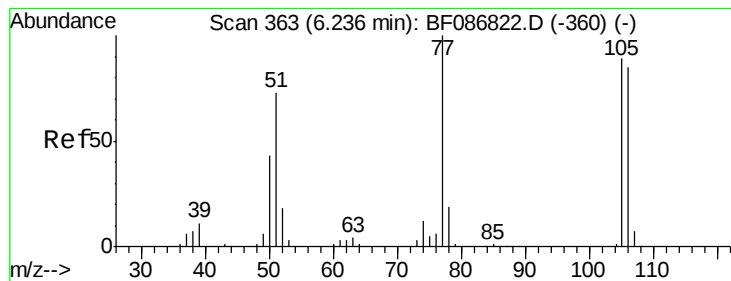
Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

64 50.8 27.3 67.3





#9

Benzaldehyde

Concen: 7.03 ng

RT: 6.25 min Scan# 364

Delta R.T. 0.01 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

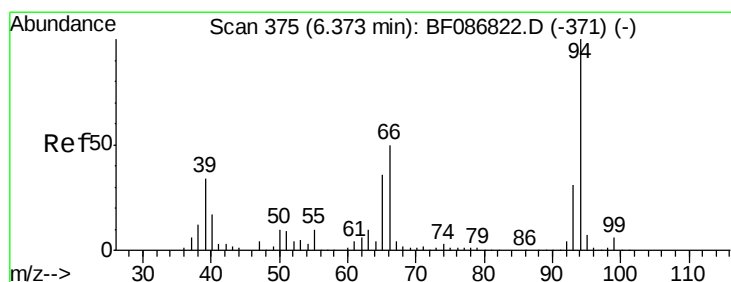
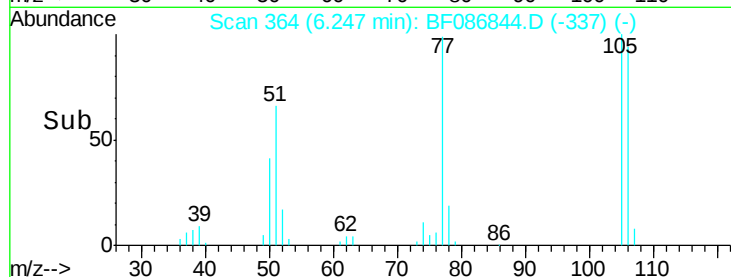
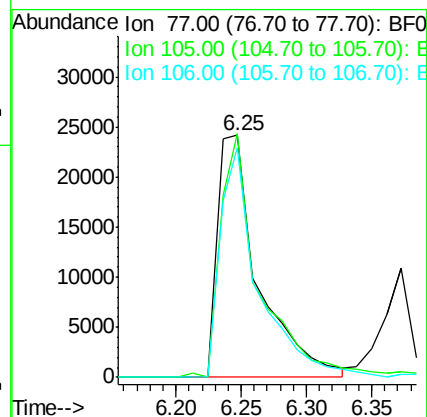
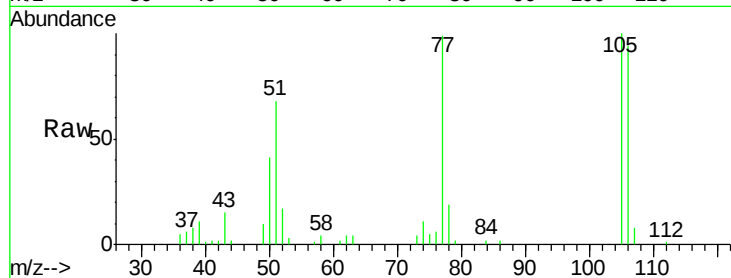
Tgt Ion: 77 Resp: 53323

Ion Ratio Lower Upper

77 100

105 100.6 72.7 112.7

106 94.8 70.8 110.8



#10

Phenol

Concen: 45.97 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

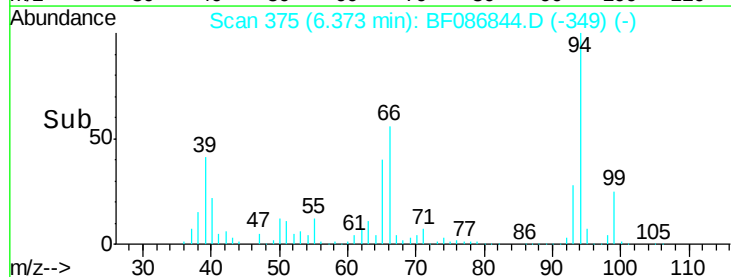
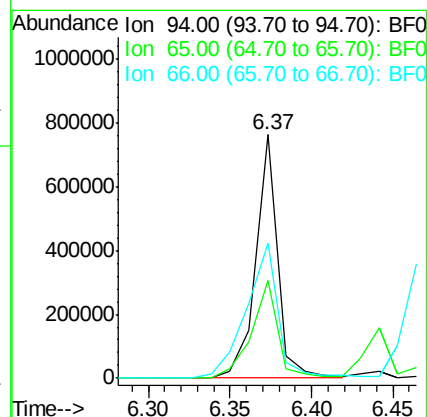
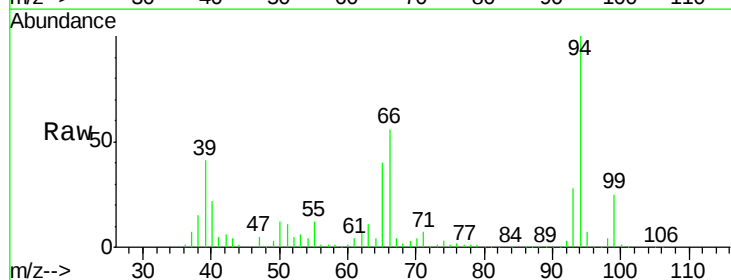
Tgt Ion: 94 Resp: 715894

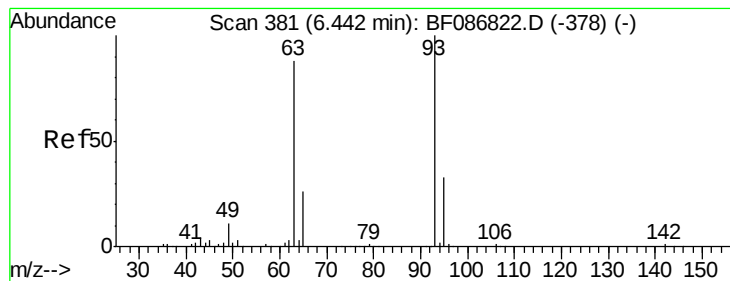
Ion Ratio Lower Upper

94 100

65 40.2 7.2 47.2

66 55.6 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 43.24 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

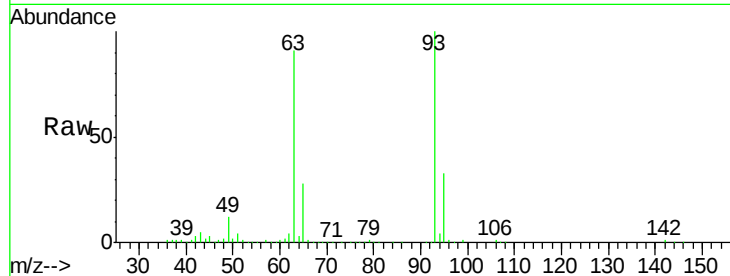
Tgt Ion: 93 Resp: 525059

Ion Ratio Lower Upper

93 100

63 90.8 58.0 98.0

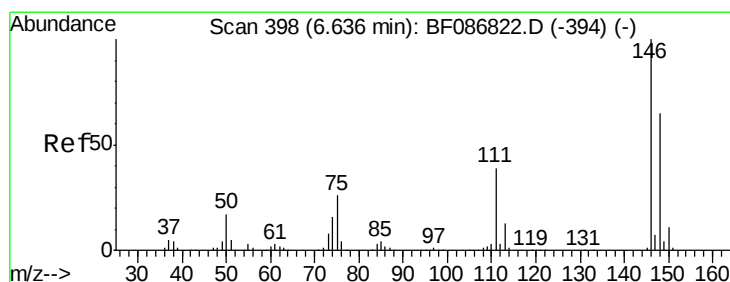
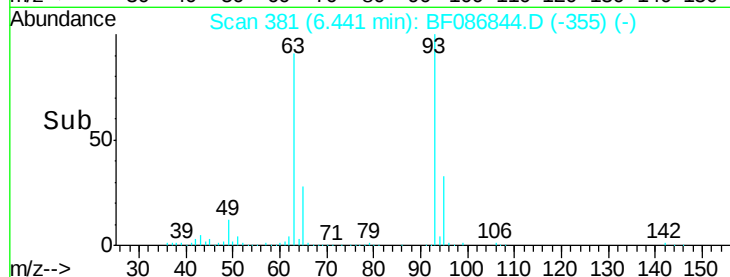
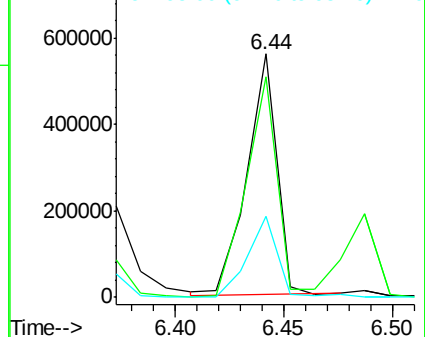
95 33.1 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.41 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.23 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

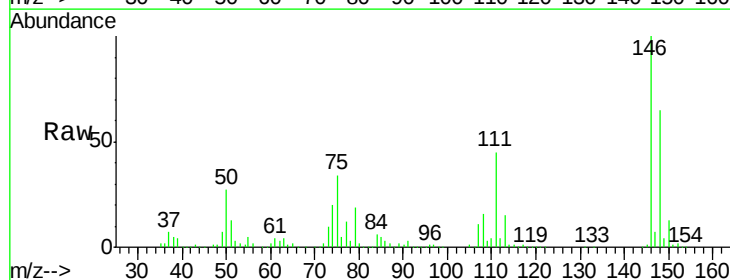
Tgt Ion: 146 Resp: 491699

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

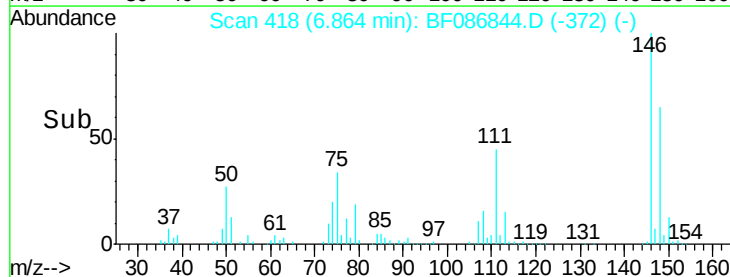
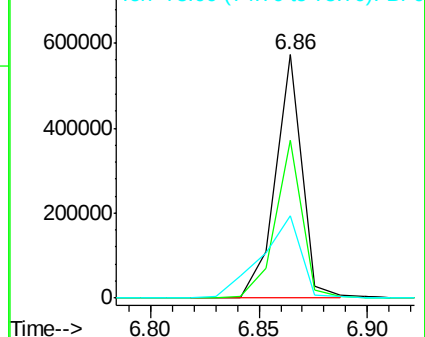
75 33.6 22.8 34.2

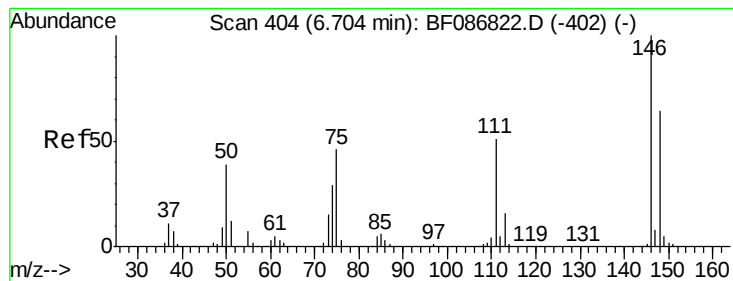


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.91 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

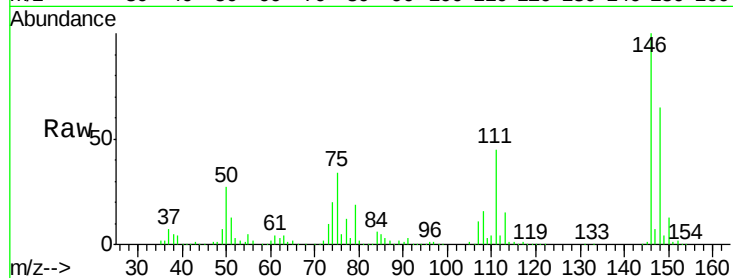
Tgt Ion:146 Resp: 494932

Ion Ratio Lower Upper

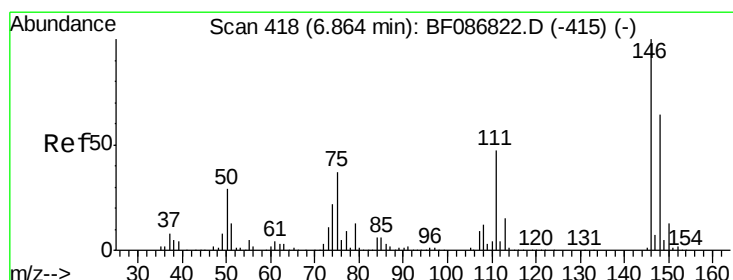
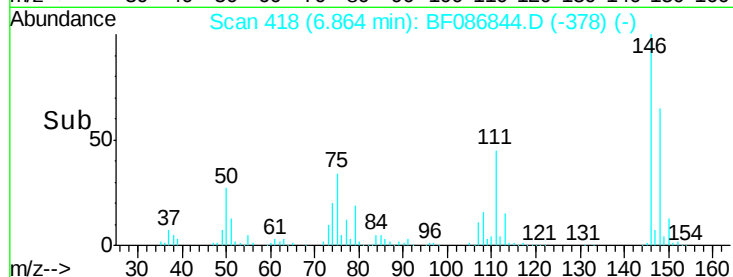
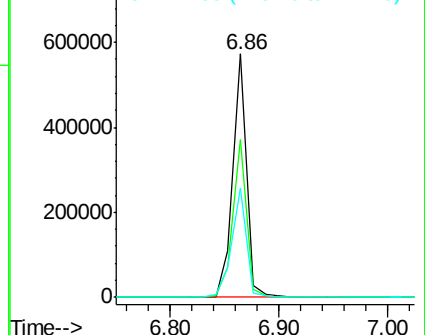
146 100

148 64.7 52.2 78.4

111 44.9 30.7 46.1



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: 43.71 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

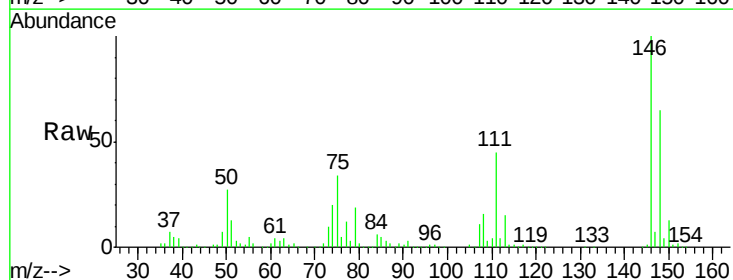
Tgt Ion:146 Resp: 497409

Ion Ratio Lower Upper

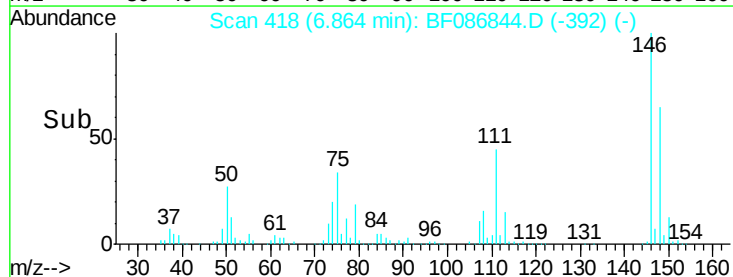
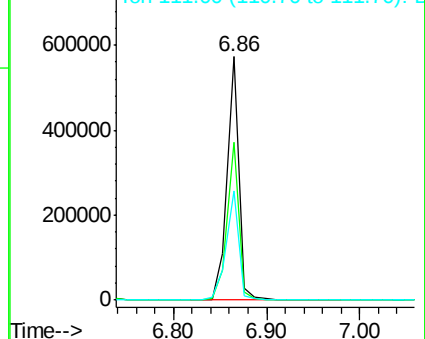
146 100

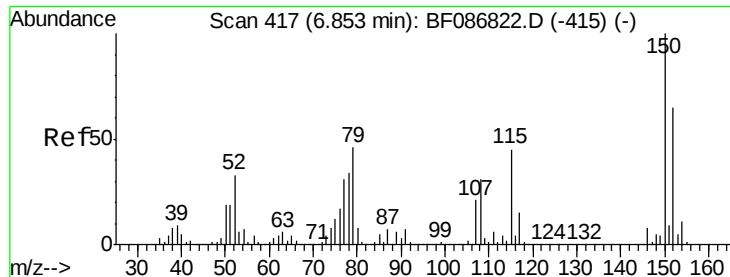
148 64.7 51.0 76.6

111 44.9 36.2 54.4



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

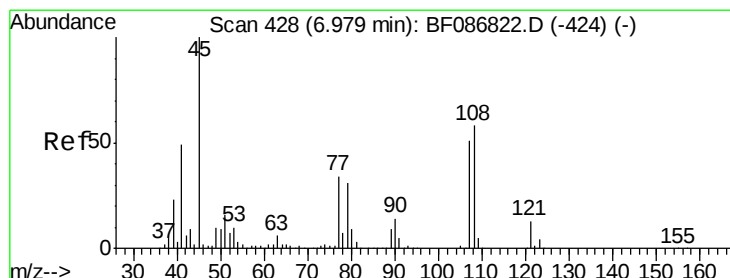
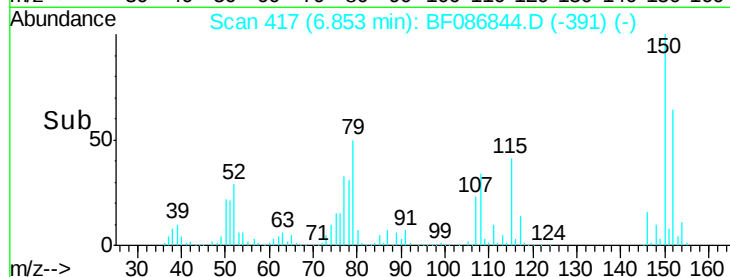
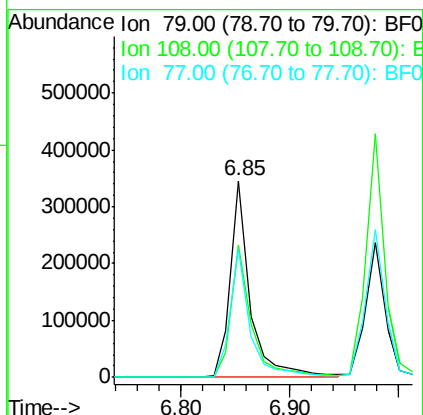
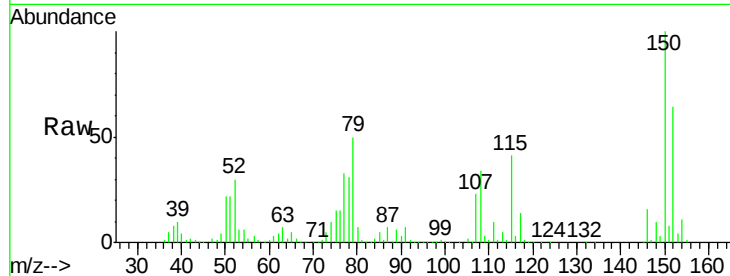




#15
Benzyl Alcohol
Concen: 48.66 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

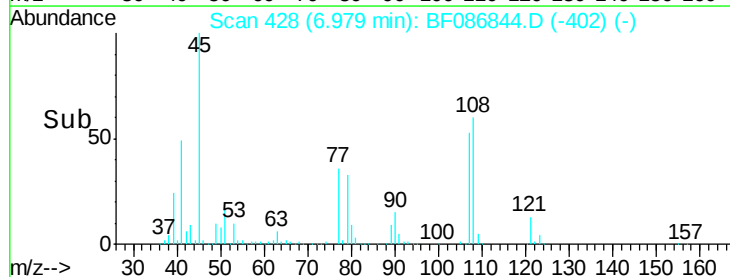
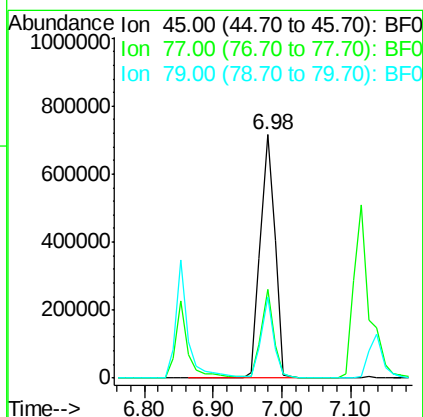
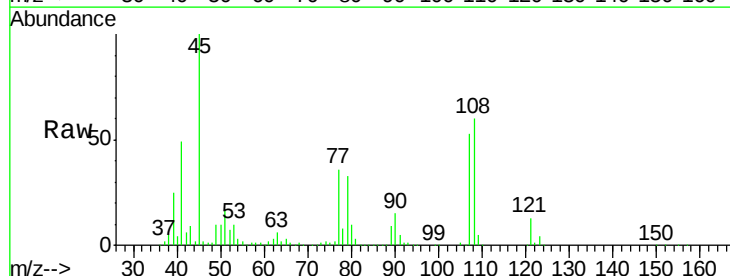
Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMS

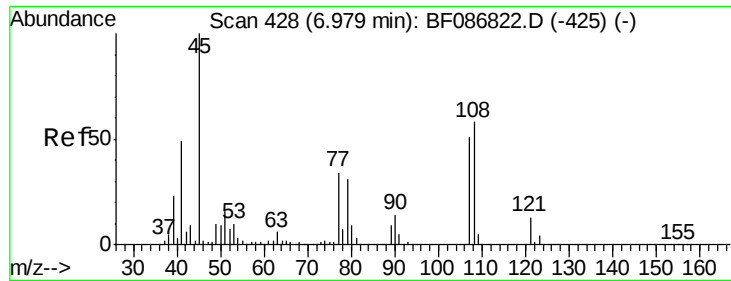
Tgt Ion: 79 Resp: 440274
Ion Ratio Lower Upper
79 100
108 67.2 68.4 102.6#
77 65.5 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.14 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Tgt Ion: 45 Resp: 1033521
Ion Ratio Lower Upper
45 100
77 36.2 0.0 36.4
79 33.2 0.0 33.4

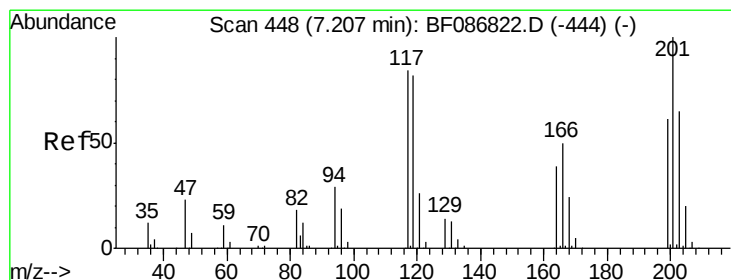
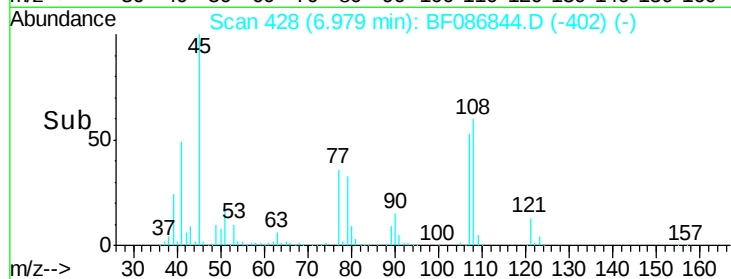
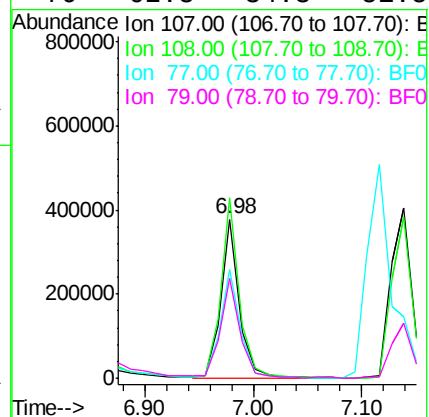
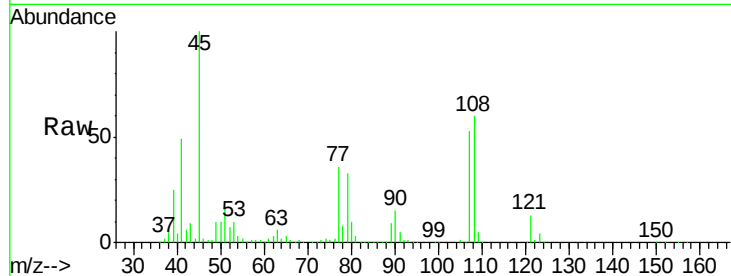




#17
2-Methylphenol
Concen: 47.32 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

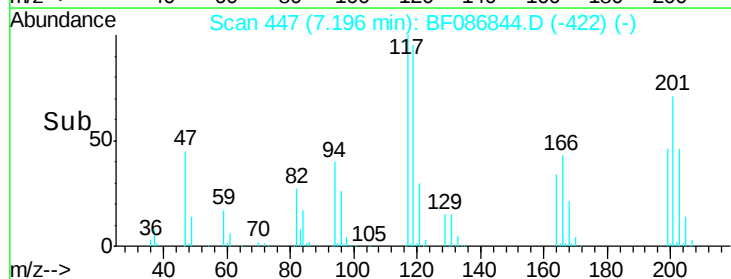
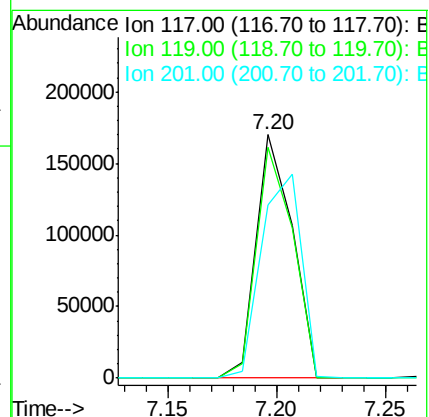
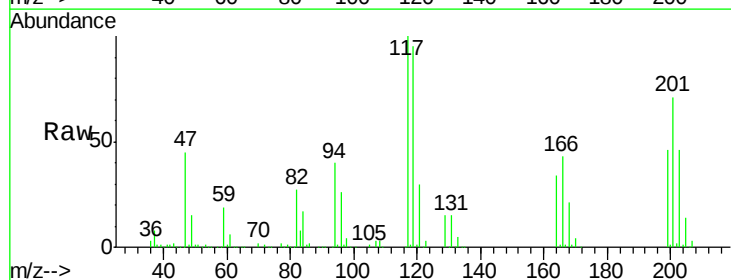
Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMS

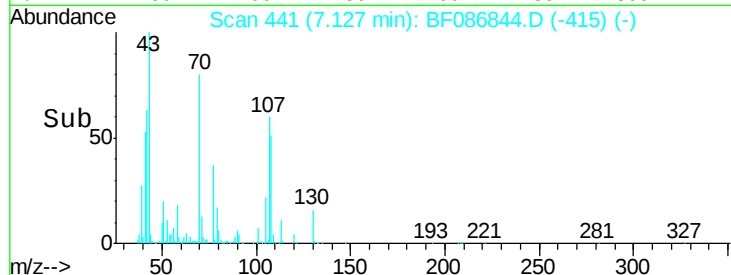
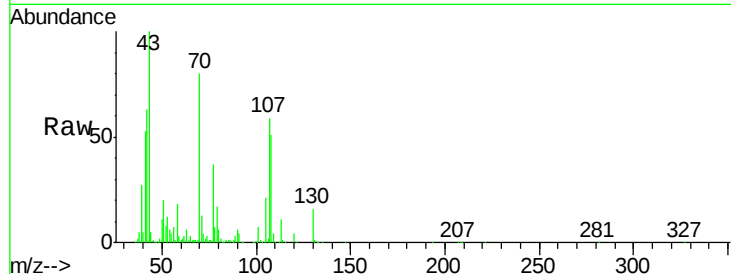
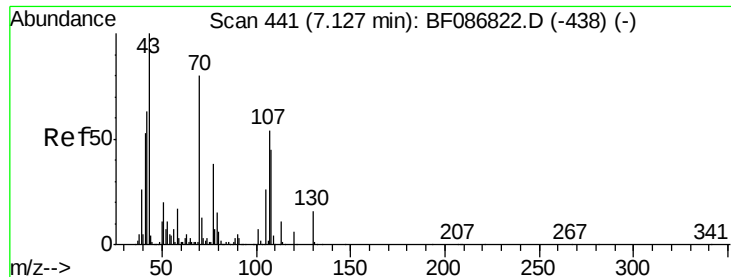
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.7	140.5
77	68.5	33.4	50.0
79	62.8	34.3	51.5



#18
Hexachloroethane
Concen: 40.29 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.5	114.7
201	71.1	63.0	94.6

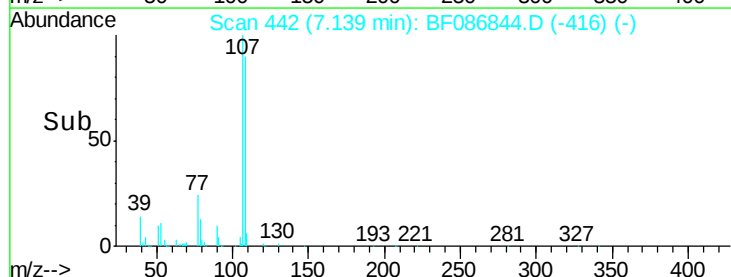
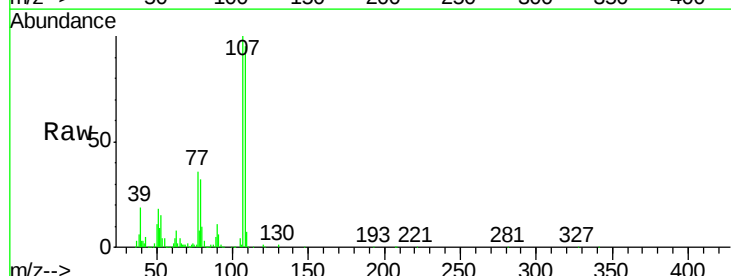
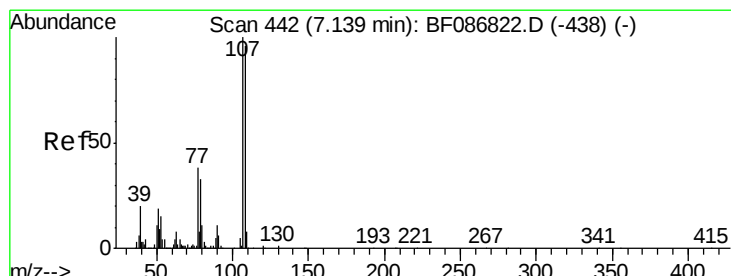
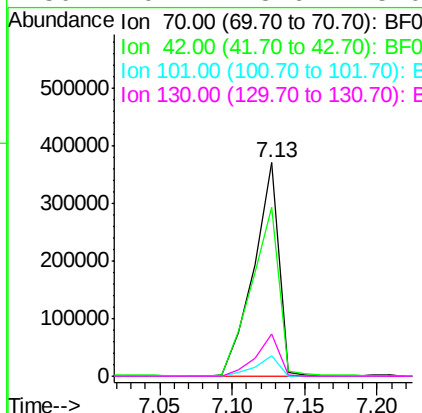




#19
n-Nitroso-di-n-propylamine
Concen: 48.72 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

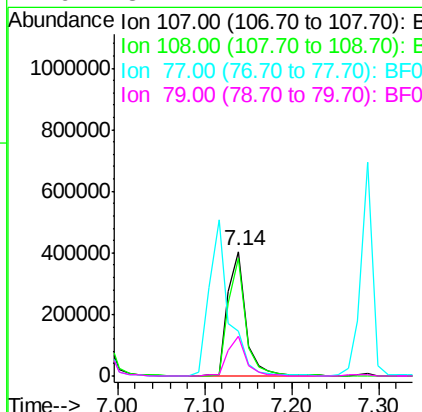
Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMS

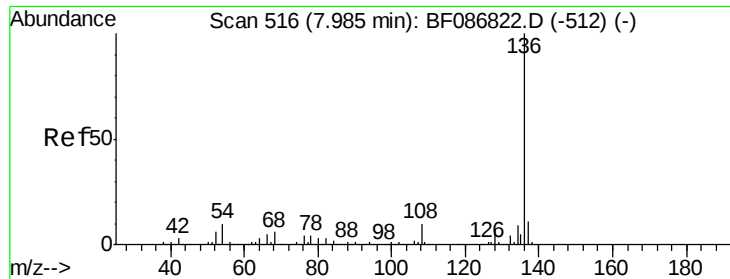
Tgt Ion: 70 Resp: 446098
Ion Ratio Lower Upper
70 100
42 79.4 43.1 64.7#
101 9.3 8.1 12.1
130 19.7 18.6 28.0



#20
3+4-Methylphenols
Concen: 47.39 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Tgt Ion: 107 Resp: 582606
Ion Ratio Lower Upper
107 100
108 94.5 68.5 108.5
77 36.3 101.6 141.6#
79 32.2 7.4 47.4

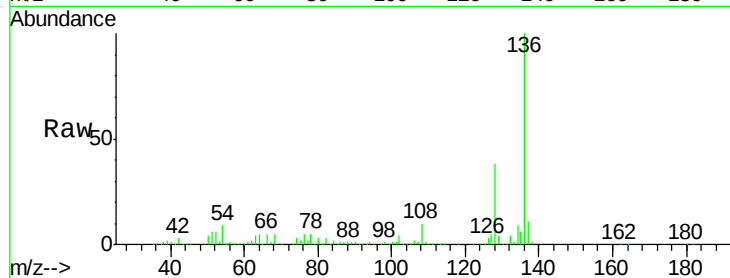




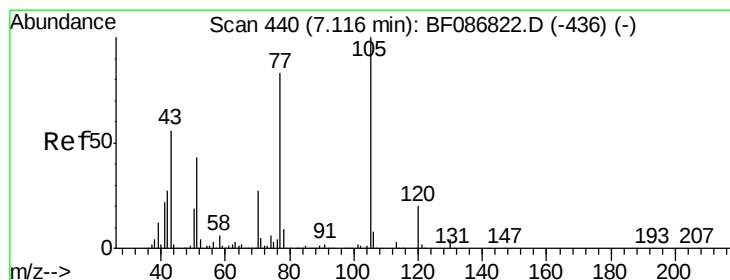
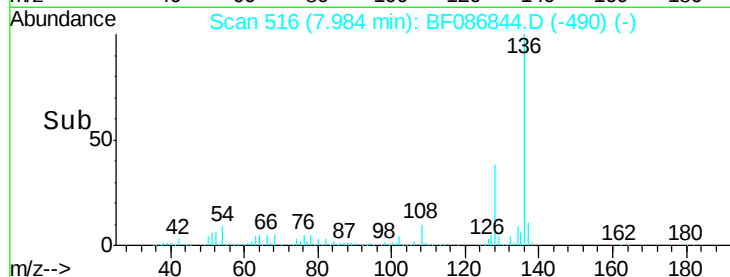
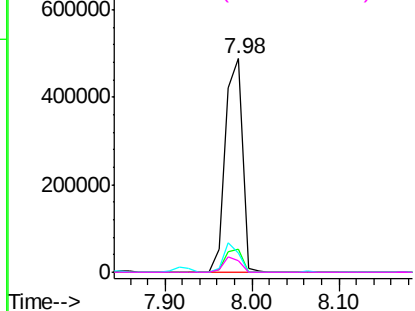
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMS

Tgt Ion:	136	Resp:	672224
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.7	5.0	7.4#
68	5.2	4.4	6.6

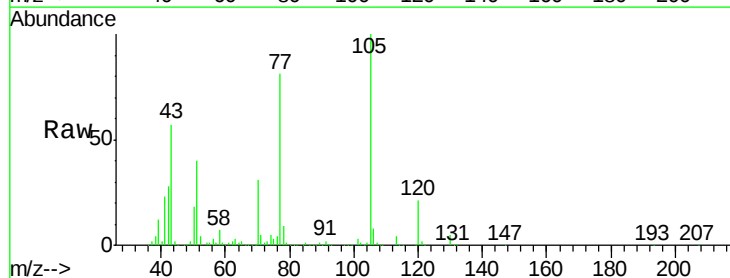


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

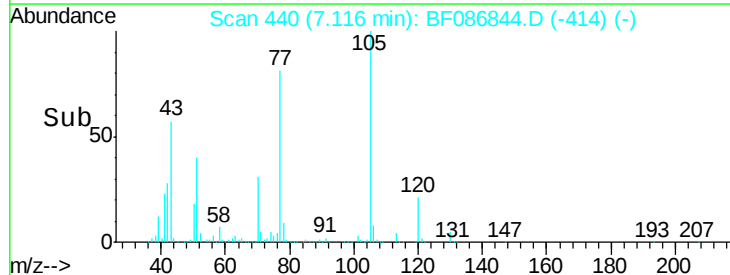
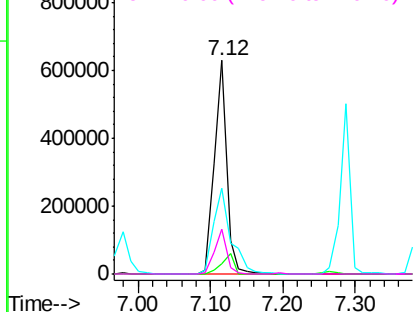


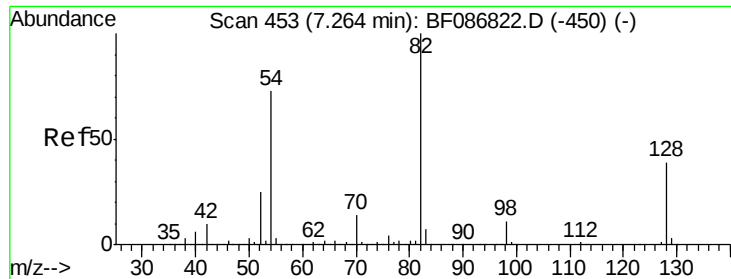
#22
Acetophenone
Concen: 47.66 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Tgt Ion:	105	Resp:	756822
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.8	7.2
51	40.1	32.6	49.0
120	21.1	16.5	24.7



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

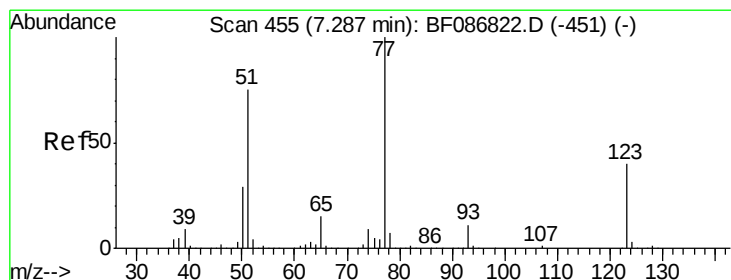
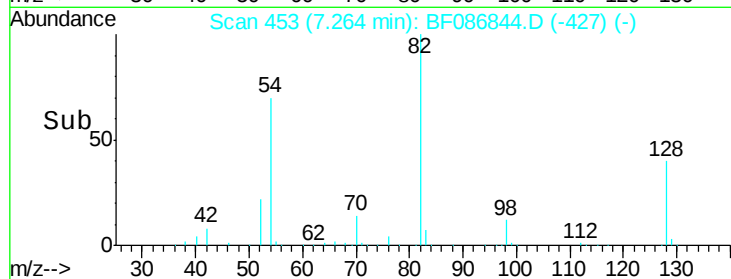
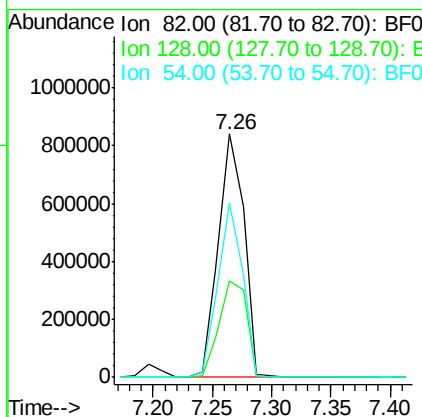
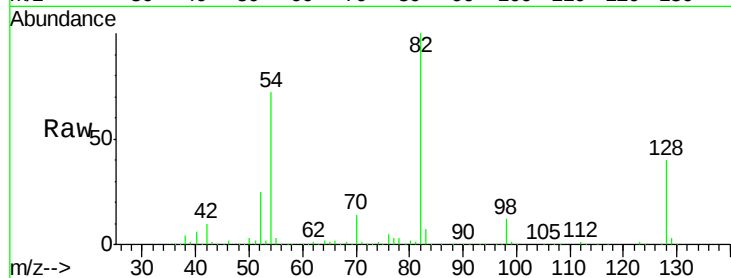




#23
 Nitrobenzene-d5
 Concen: 94.69 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

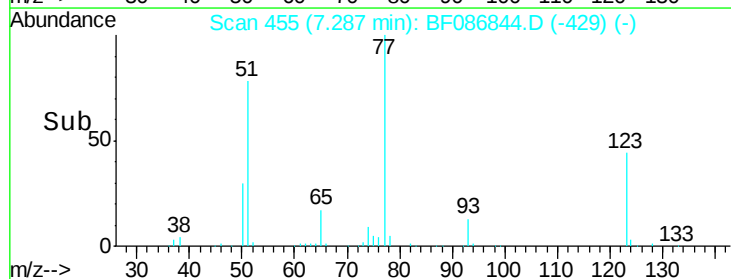
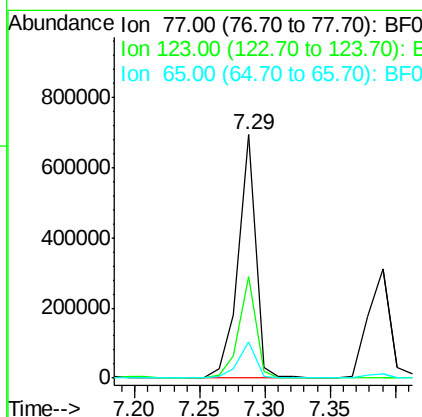
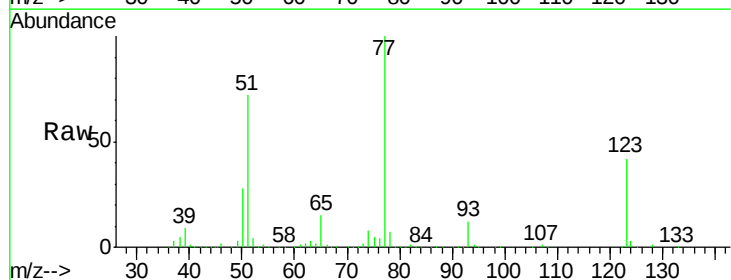
Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

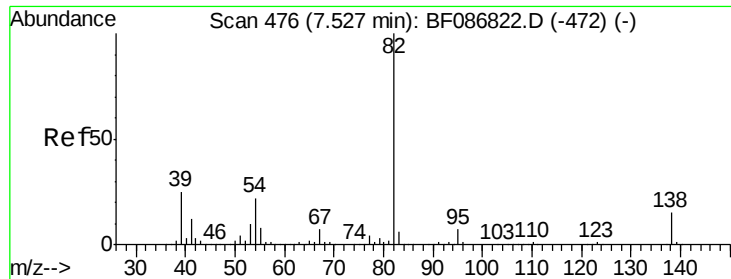
Tgt Ion: 82 Resp: 1267679
 Ion Ratio Lower Upper
 82 100
 128 39.5 40.6 61.0#
 54 71.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 46.48 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion: 77 Resp: 640146
 Ion Ratio Lower Upper
 77 100
 123 41.6 33.0 49.4
 65 15.1 10.8 16.2

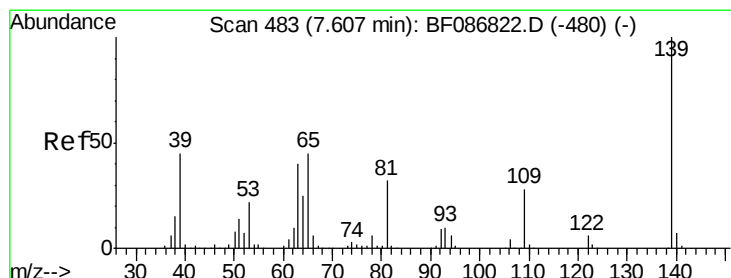
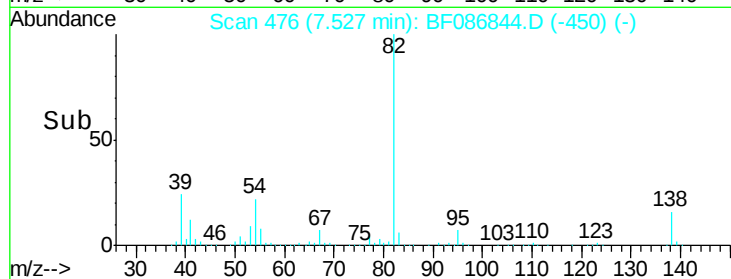
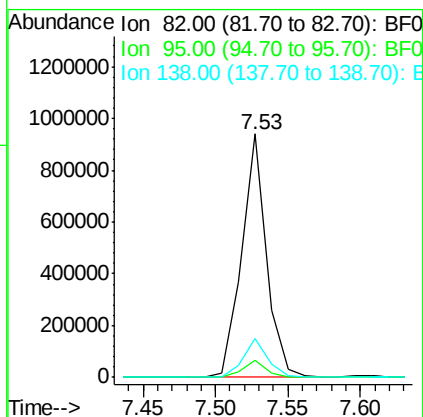
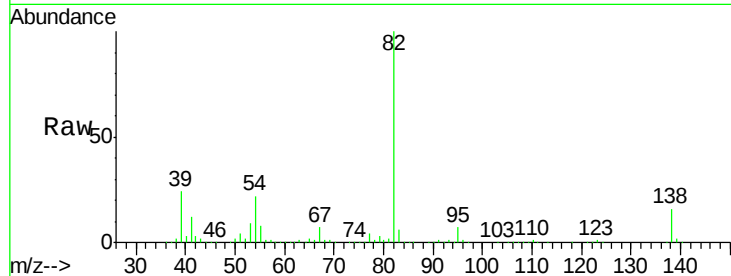




#25
Isophorone
Concen: 44.83 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

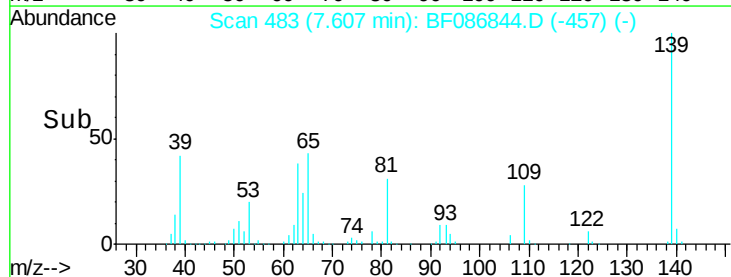
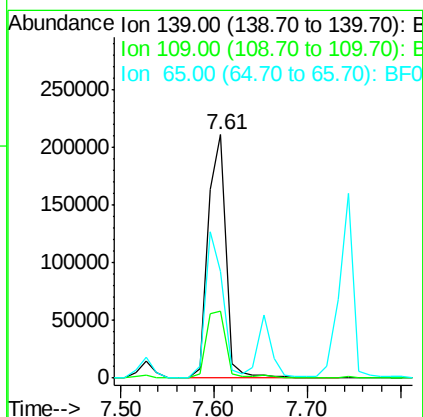
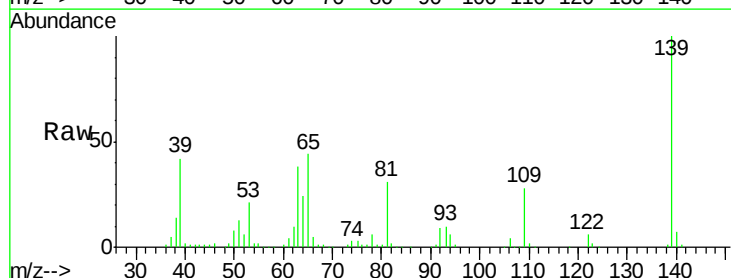
Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMS

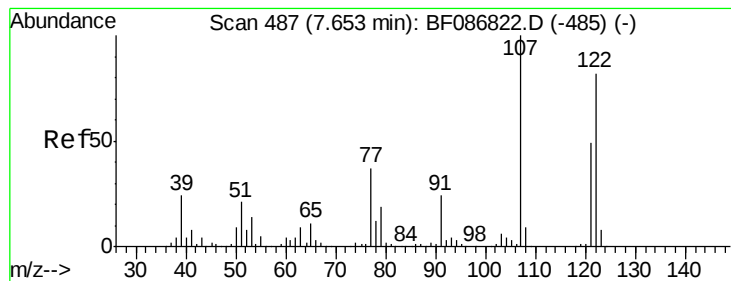
Tgt Ion: 82 Resp: 1113565
Ion Ratio Lower Upper
82 100
95 7.2 5.1 7.7
138 15.7 12.4 18.6



#26
2-Nitrophenol
Concen: 46.56 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Tgt Ion: 139 Resp: 281858
Ion Ratio Lower Upper
139 100
109 27.7 19.5 29.3
65 43.6 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 43.19 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

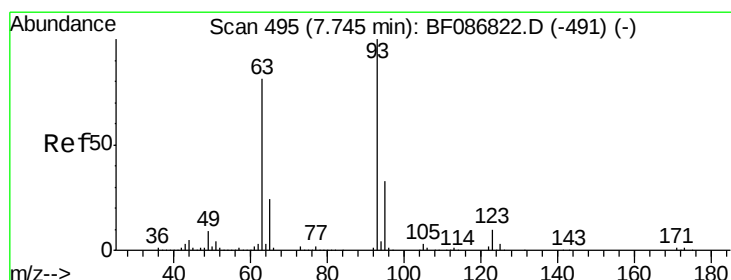
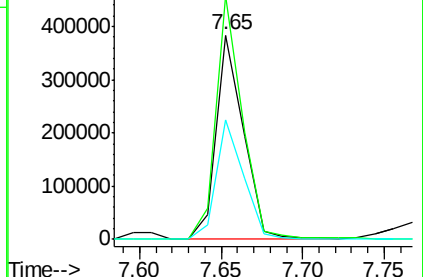
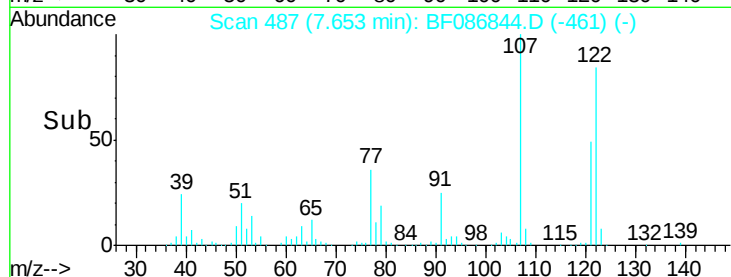
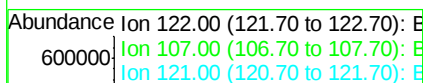
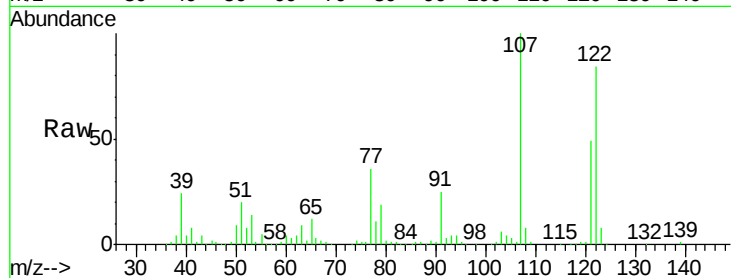
Tgt Ion:122 Resp: 445367

Ion Ratio Lower Upper

122 100

107 119.2 82.0 123.0

121 58.4 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 52.24 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

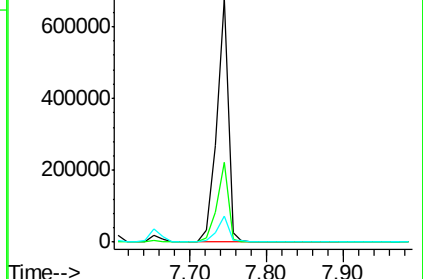
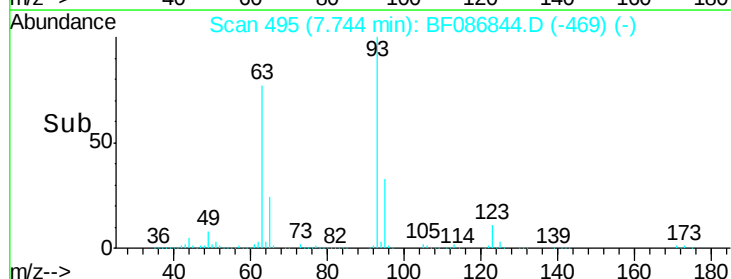
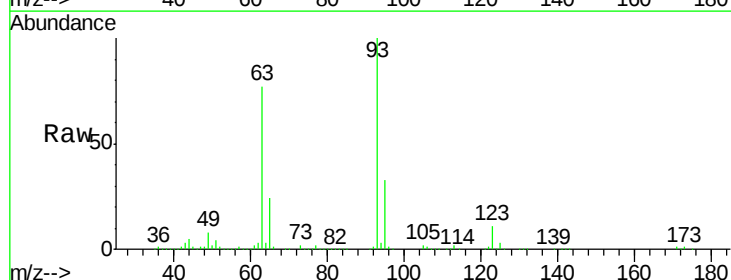
Tgt Ion: 93 Resp: 699968

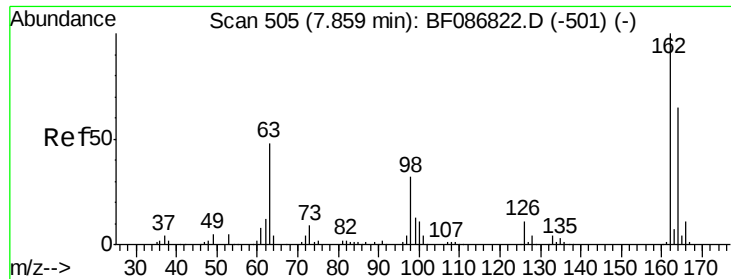
Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

123 10.5 9.5 14.3

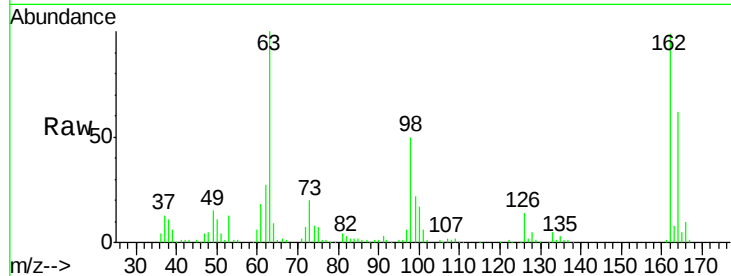




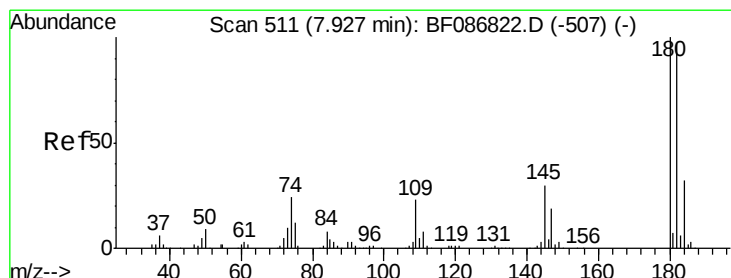
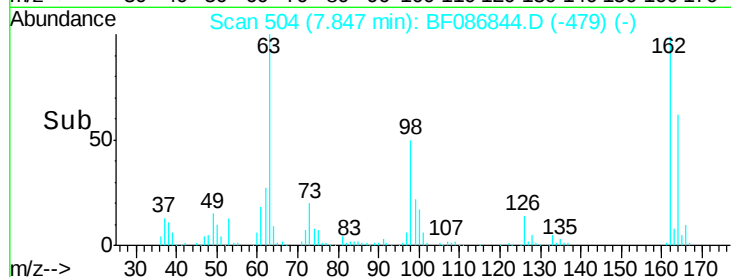
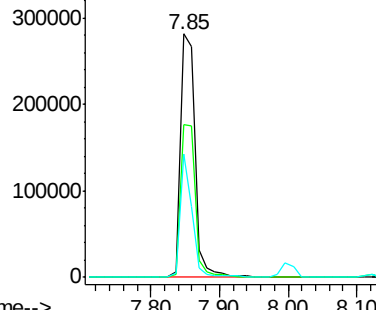
#29
 2,4-Dichlorophenol
 Concen: 46.71 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.2	82.2
98	50.6	19.0	59.0

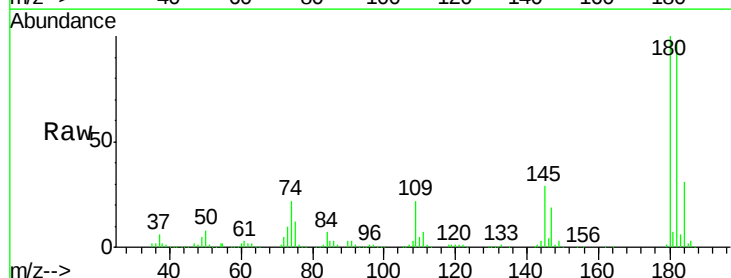


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

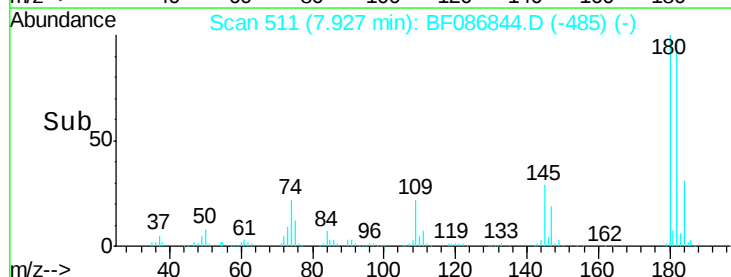
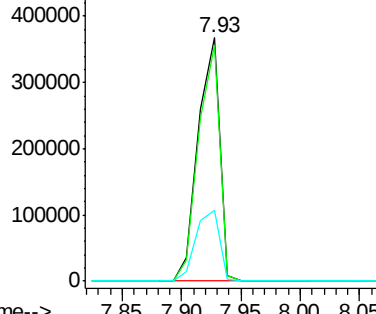


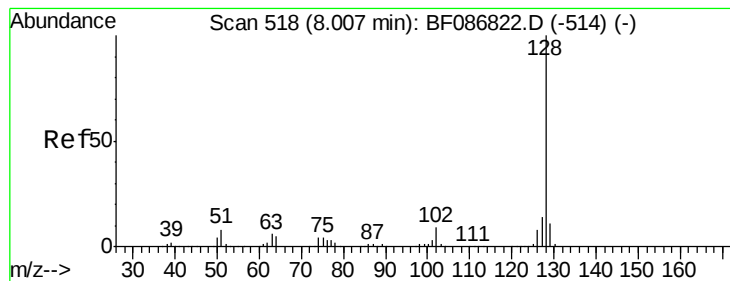
#30
 1,2,4-Trichlorobenzene
 Concen: 45.53 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.0	117.0
145	29.0	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.06 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

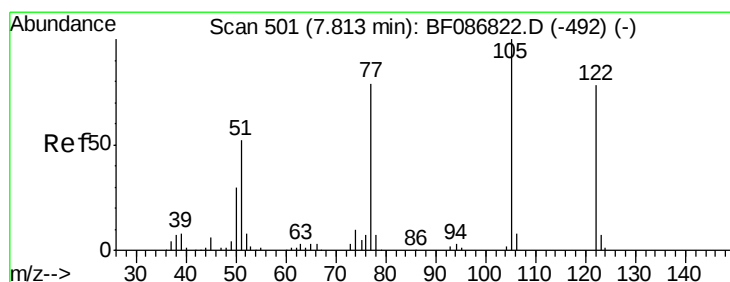
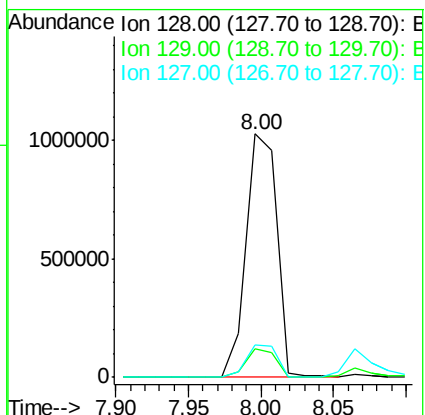
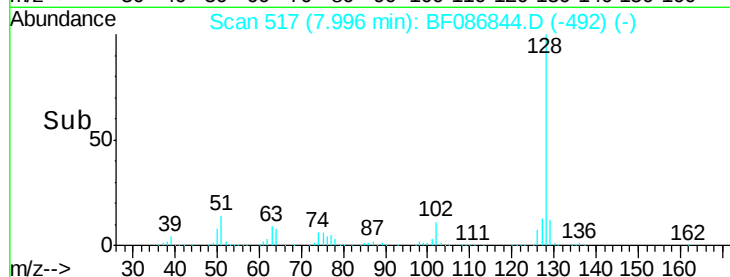
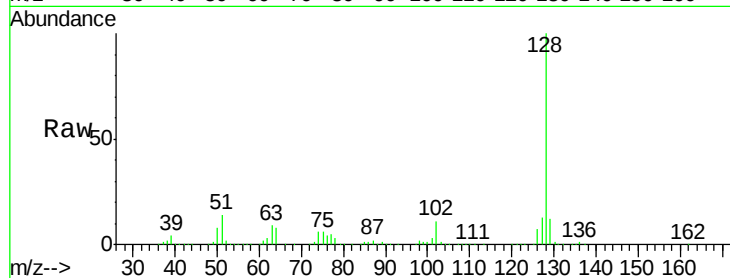
Tgt Ion:128 Resp: 1517113

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 11.76 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

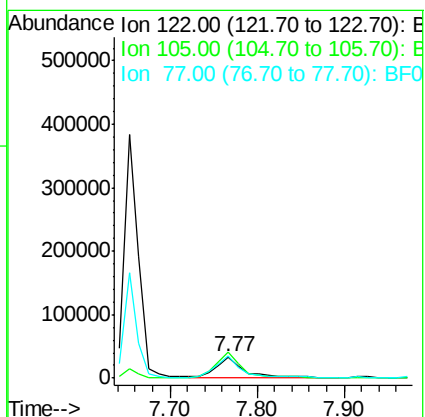
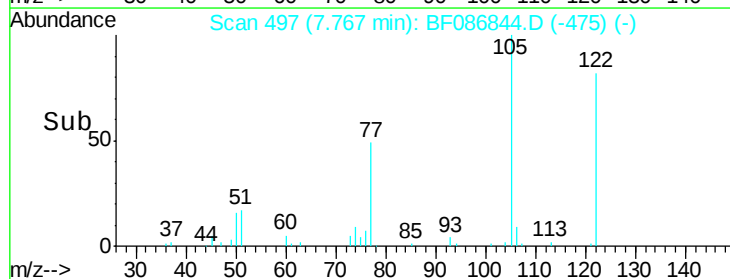
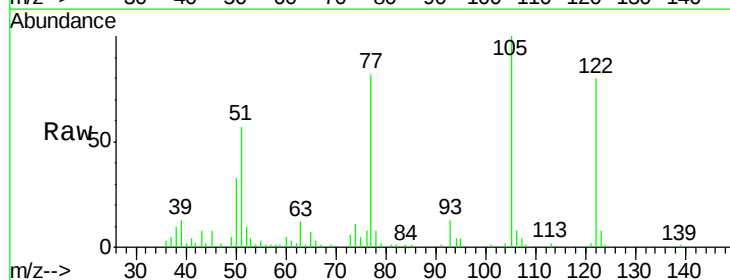
Tgt Ion:122 Resp: 71226

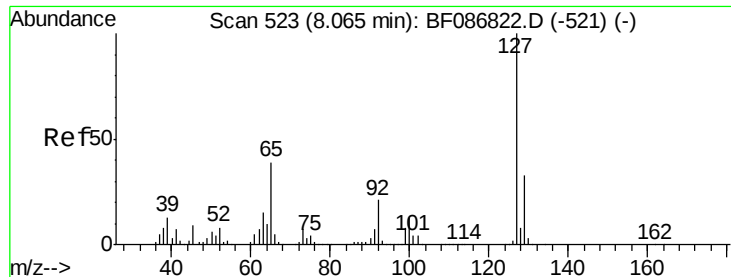
Ion Ratio Lower Upper

122 100

105 125.6 92.6 132.6

77 103.6 60.0 100.0#

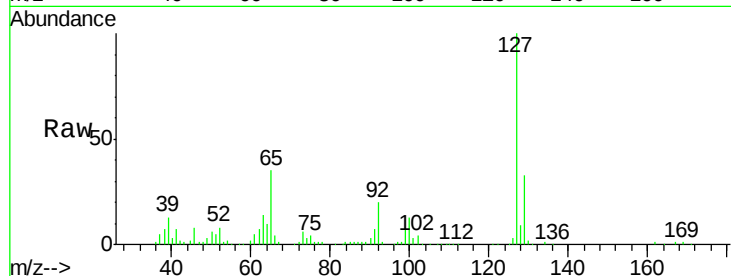




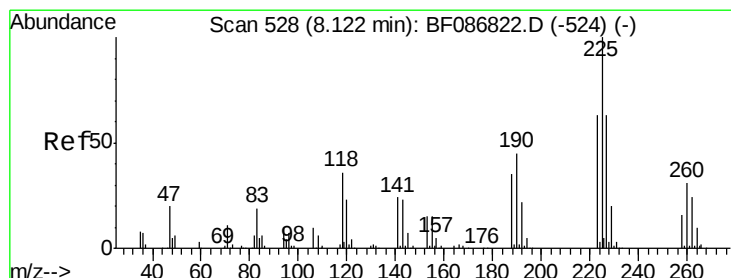
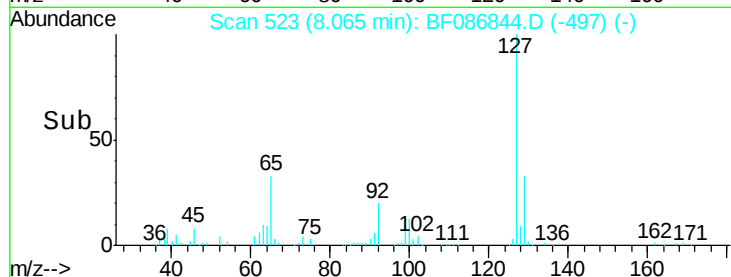
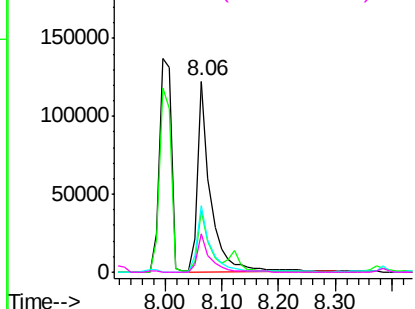
#33
 4-Chloroaniline
 Concen: 14.65 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion:	127	Resp:	191645
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	34.9	23.0	34.4#
92	19.9	15.1	22.7

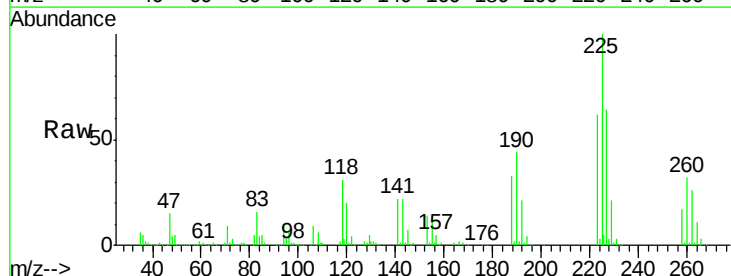


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

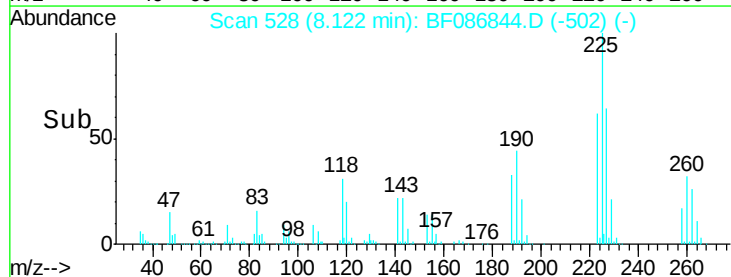
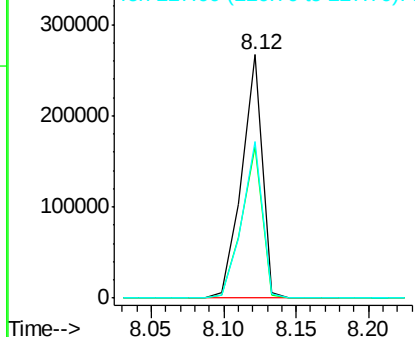


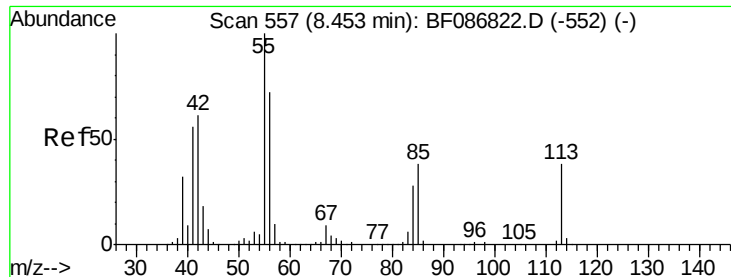
#34
 Hexachlorobutadiene
 Concen: 44.49 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:	225	Resp:	261968
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.5	77.3
227	64.1	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.81 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

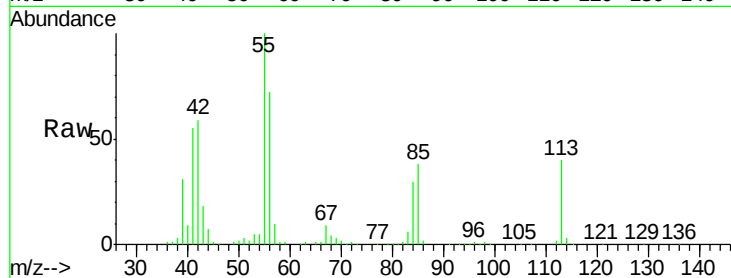
Tgt Ion:113 Resp: 95149

Ion Ratio Lower Upper

113 100

55 248.1 162.0 202.0#

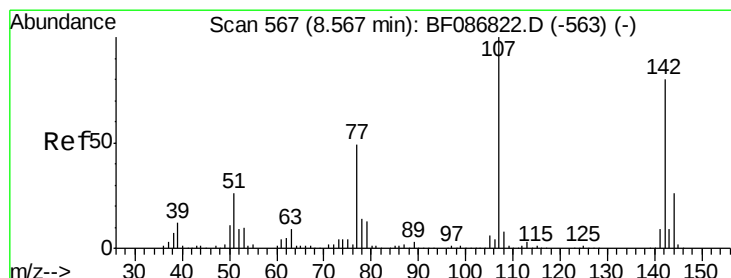
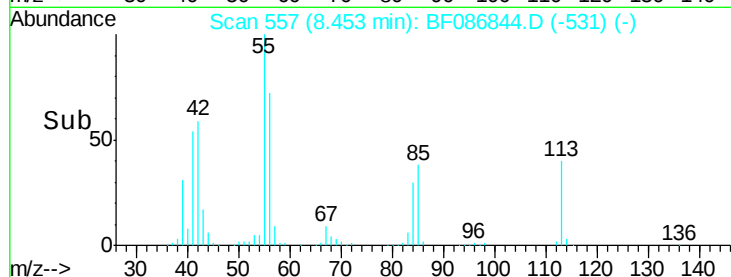
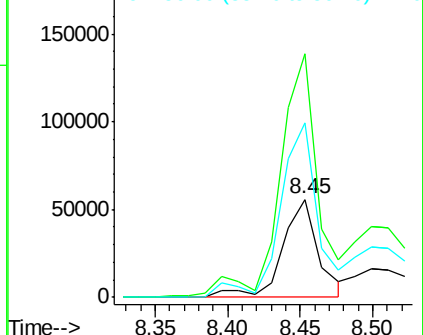
56 177.5 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.61 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

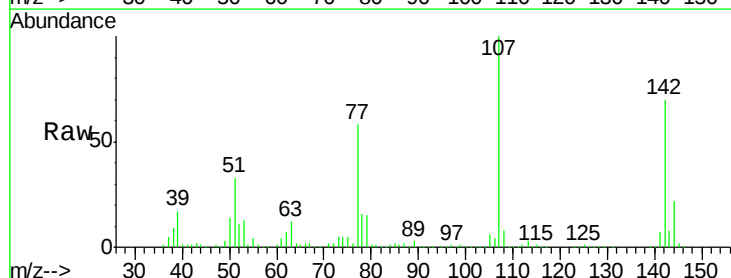
Tgt Ion:107 Resp: 480070

Ion Ratio Lower Upper

107 100

144 22.0 20.7 31.1

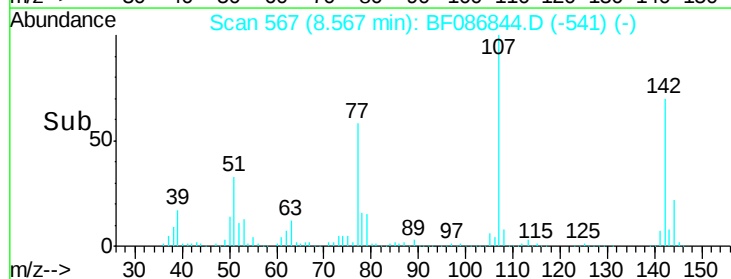
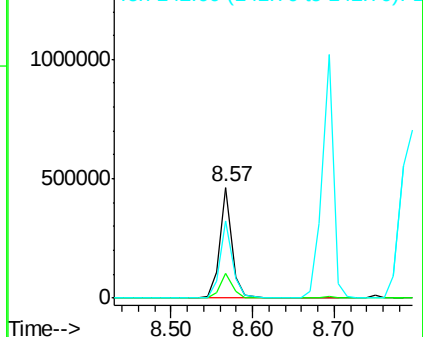
142 70.3 63.2 94.8

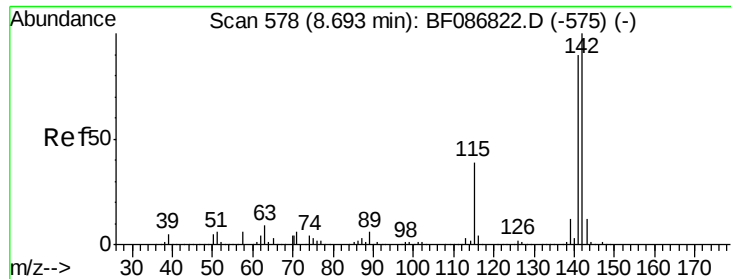


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

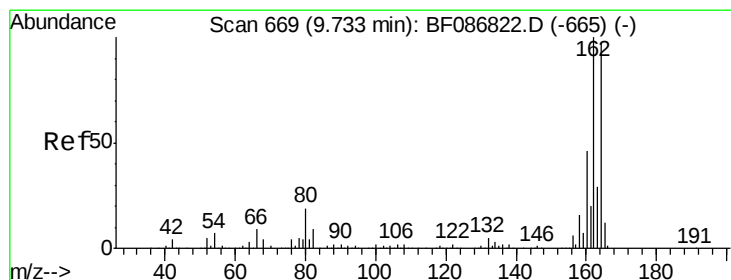
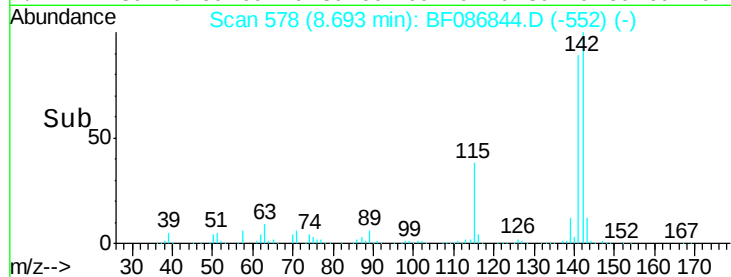
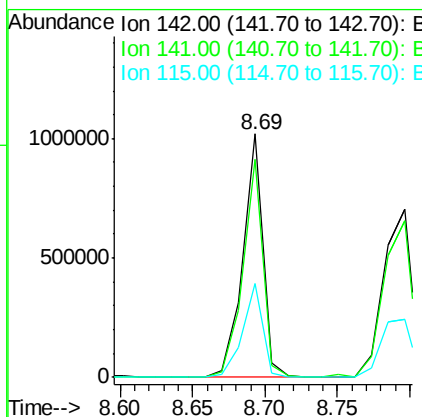
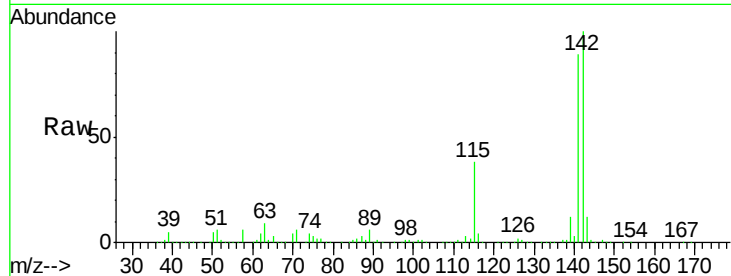




#37
 2-Methylnaphthalene
 Concen: 49.67 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

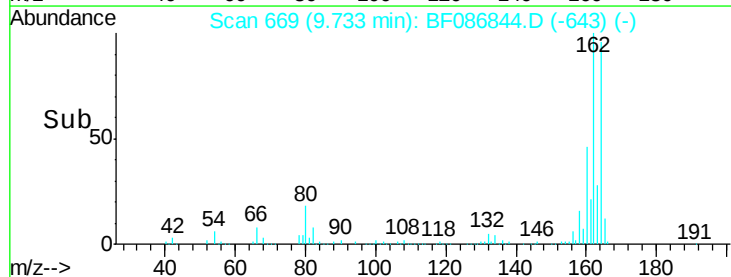
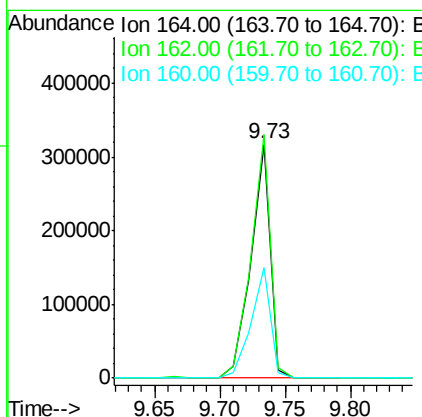
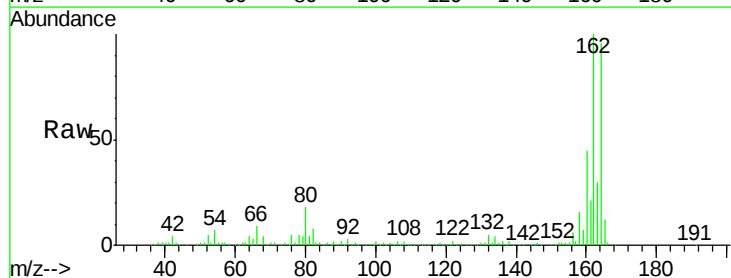
Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

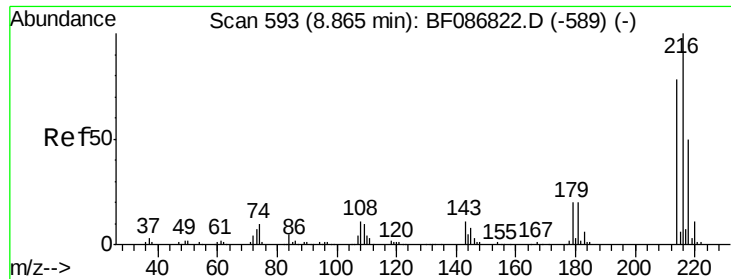
Tgt Ion:142 Resp: 977645
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 38.3 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:164 Resp: 327008
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.8 124.2
 160 47.4 36.9 55.3

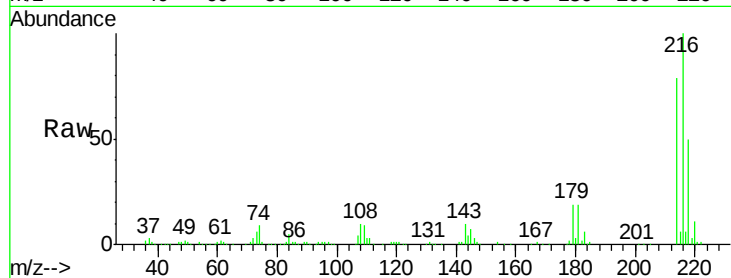




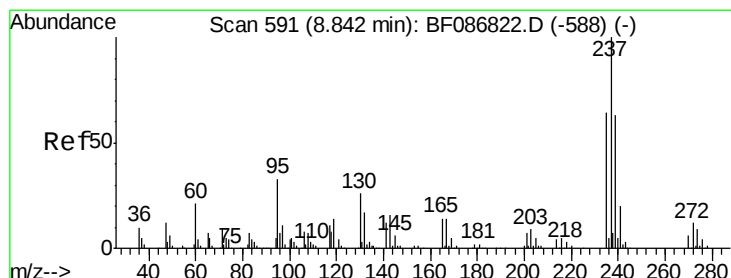
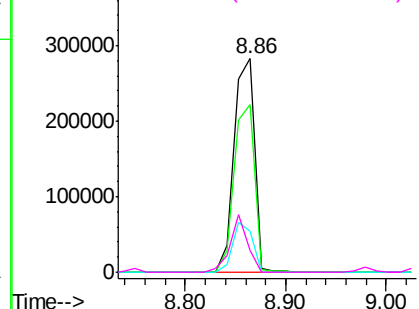
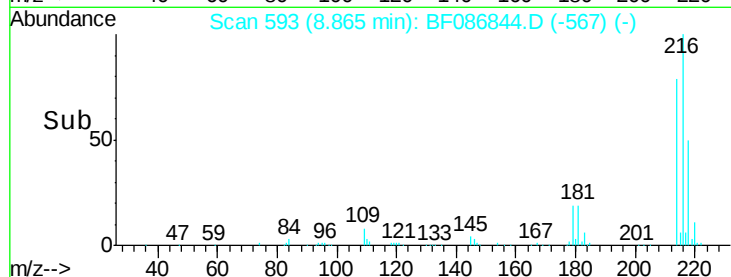
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.17 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion:	216	Resp:	400962
Ion Ratio		Lower	Upper
216	100		
214	78.7	62.6	93.8
179	22.7	18.2	27.4
108	23.1	17.5	26.3

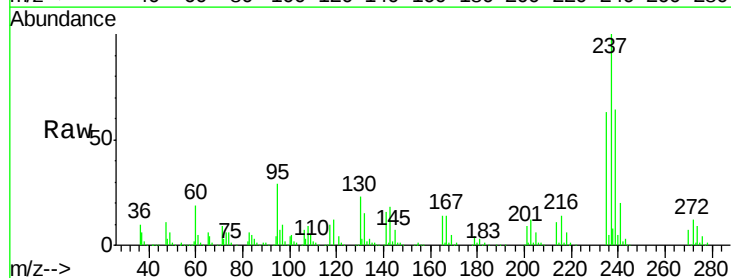


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

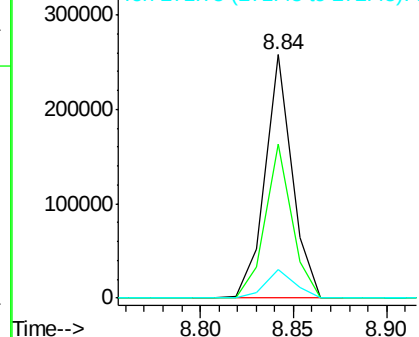
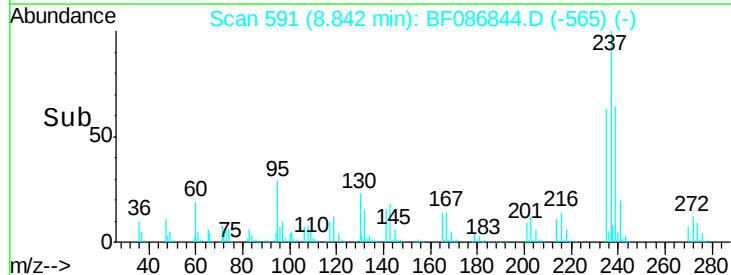


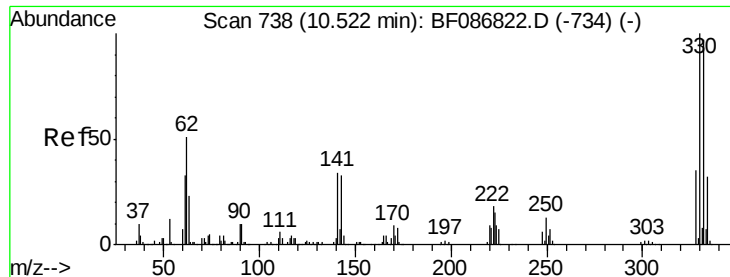
#40
 Hexachlorocyclopentadiene
 Concen: 57.08 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:	237	Resp:	257596
Ion Ratio		Lower	Upper
237	100		
235	63.3	47.2	87.2
272	11.7	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

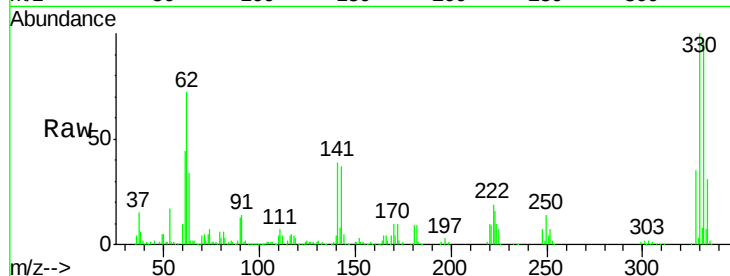




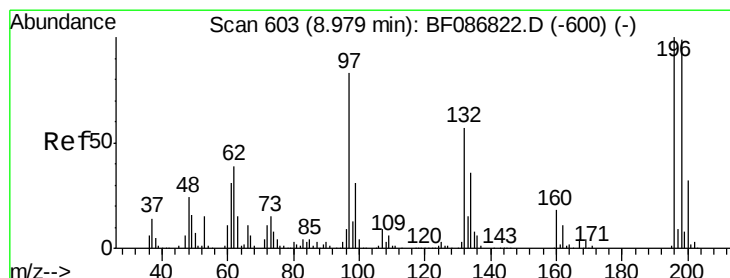
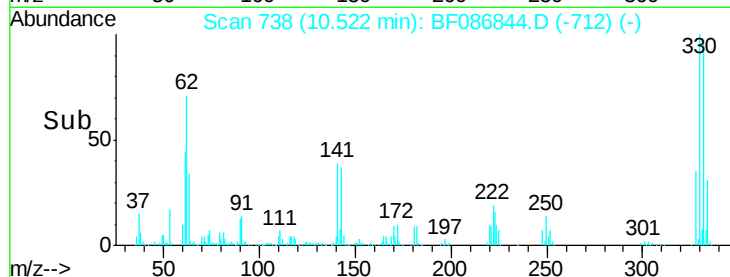
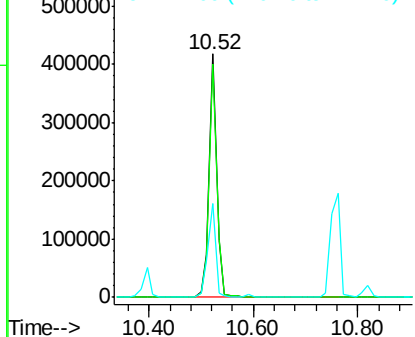
#41
 2,4,6-Tribromophenol
 Concen: 122.81 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion:330 Resp: 425170
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.0 118.4
 141 38.7 31.2 46.8

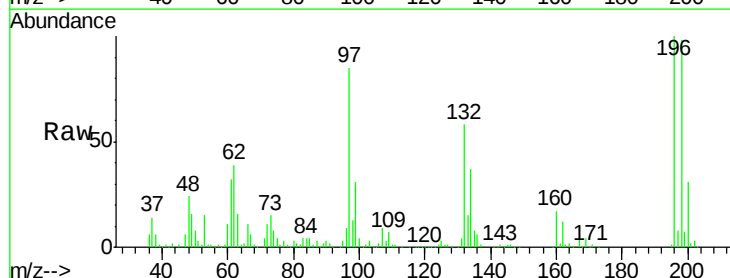


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

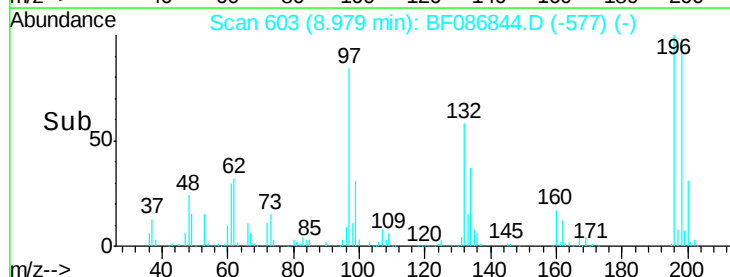
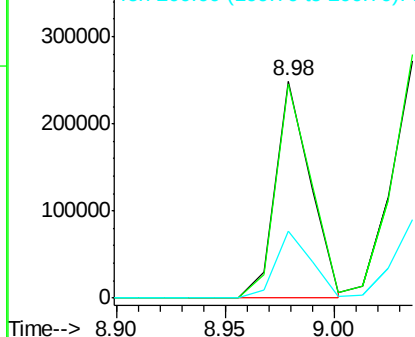


#42
 2,4,6-Trichlorophenol
 Concen: 44.17 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:196 Resp: 280809
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.7 112.1
 200 31.1 23.8 35.6



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

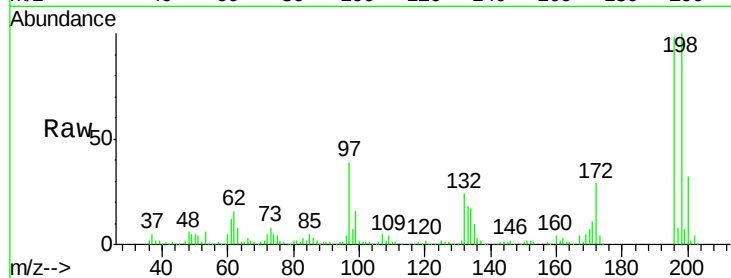




#43
 2,4,5-Trichlorophenol
 Concen: 44.53 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion	Resp	Lower	Upper
196	292776		
198	102.6	77.5	116.3
97	39.7	34.8	52.2
132	25.0	23.0	34.4



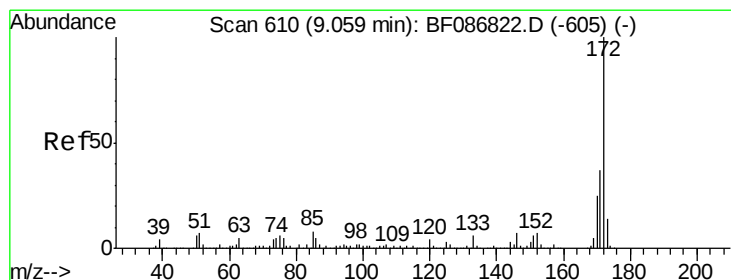
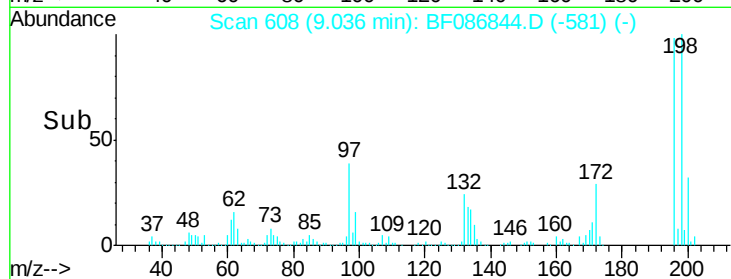
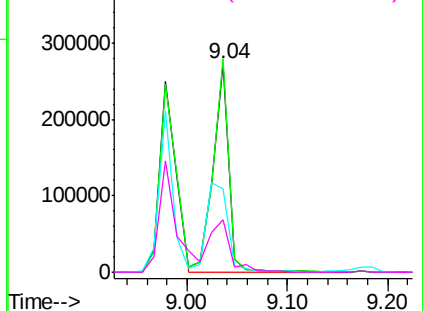
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

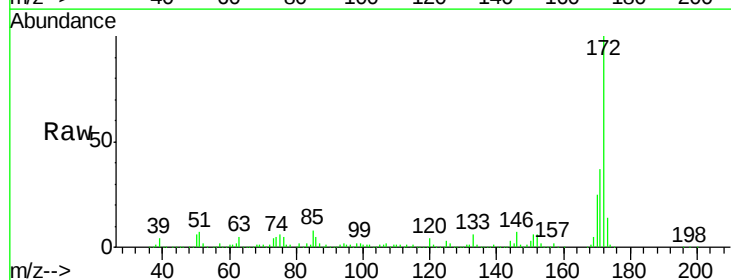
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.27 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion	Resp	Lower	Upper
172	1620241		
171	36.7	29.0	43.6
170	24.8	19.8	29.8

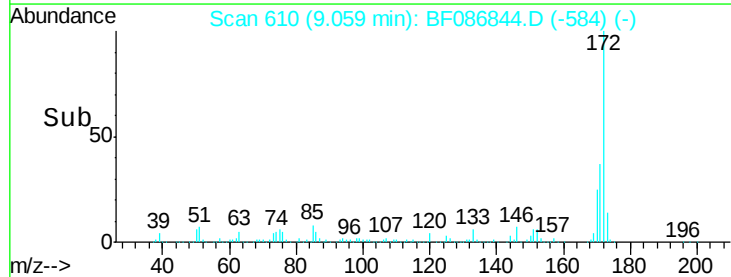
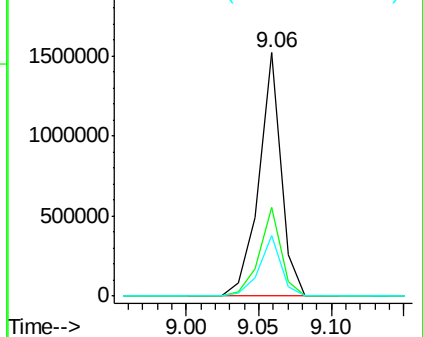


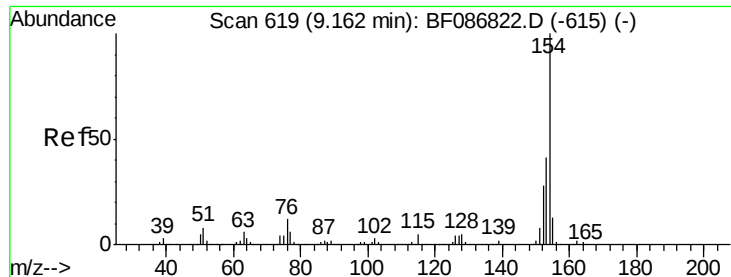
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

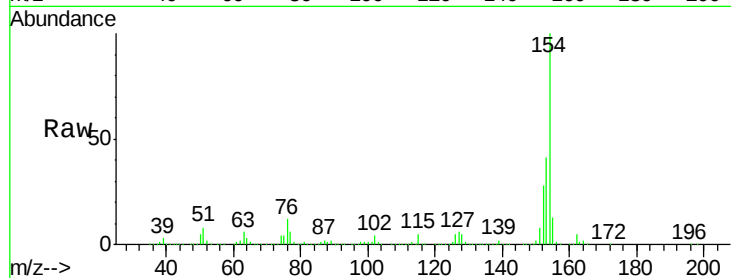




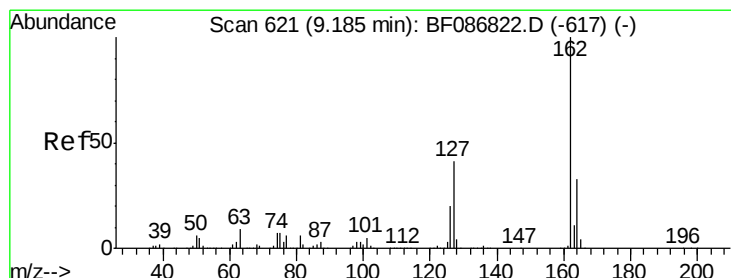
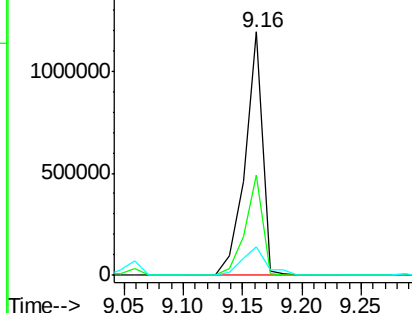
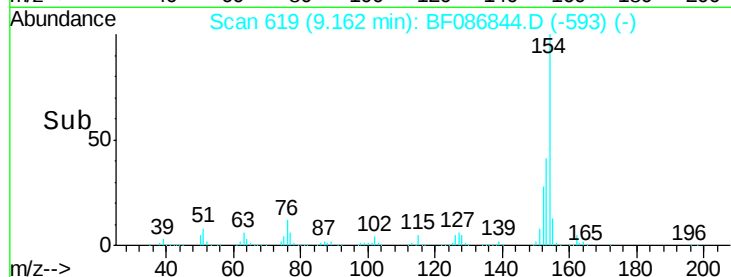
#45
 1,1'-Biphenyl
 Concen: 46.93 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion:154 Resp: 1220776
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.3 60.3
 76 11.7 0.0 30.2

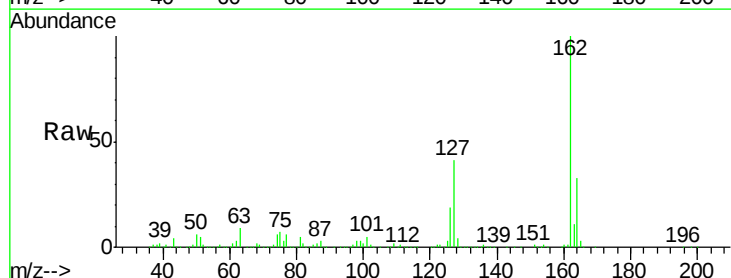


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

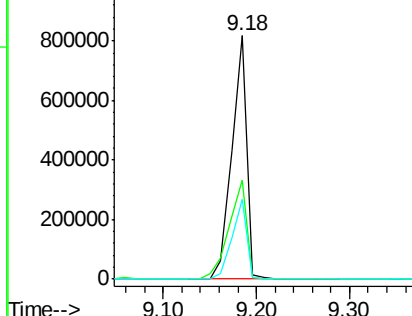
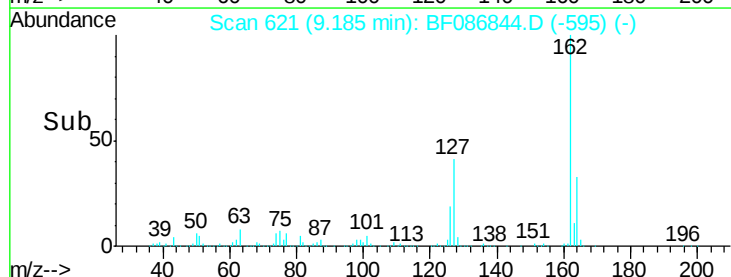


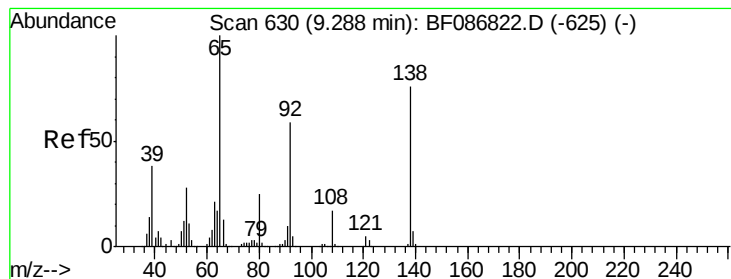
#46
 2-Chloronaphthalene
 Concen: 45.12 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:162 Resp: 919407
 Ion Ratio Lower Upper
 162 100
 127 40.6 31.8 47.6
 164 32.9 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.85 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

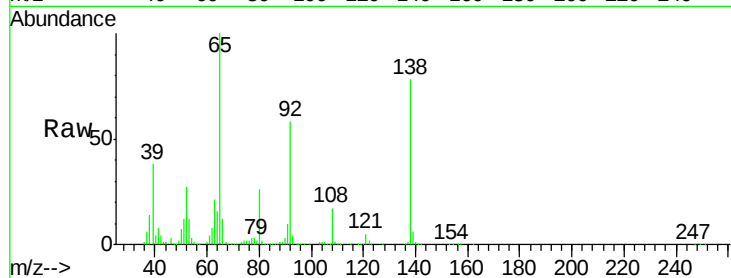
Tgt Ion: 65 Resp: 326555

Ion Ratio Lower Upper

65 100

92 58.4 57.4 86.2

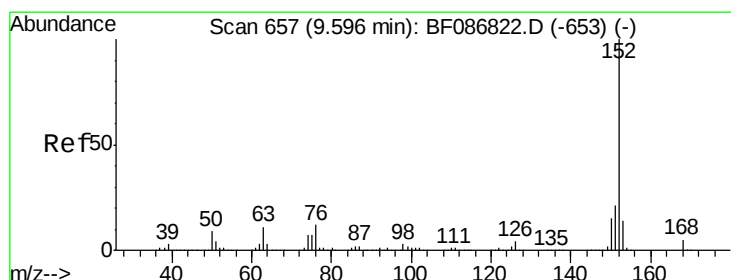
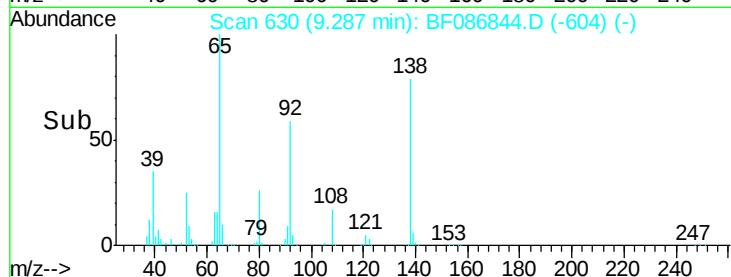
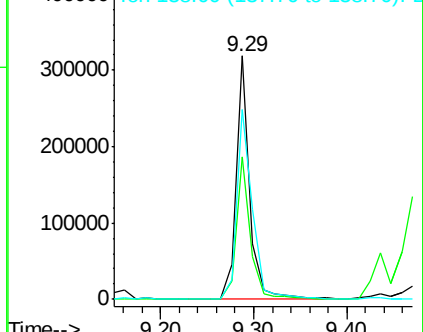
138 78.0 90.1 135.1#



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): BF0



#48

Acenaphthylene

Concen: 45.55 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

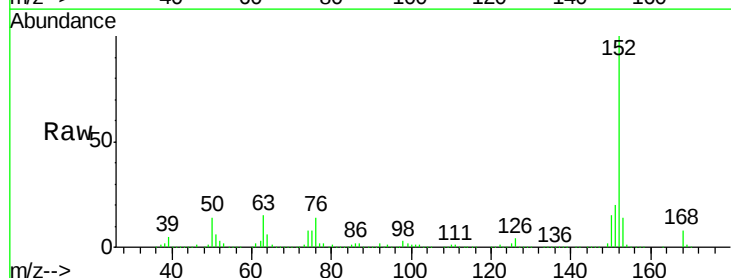
Tgt Ion: 152 Resp: 1365240

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

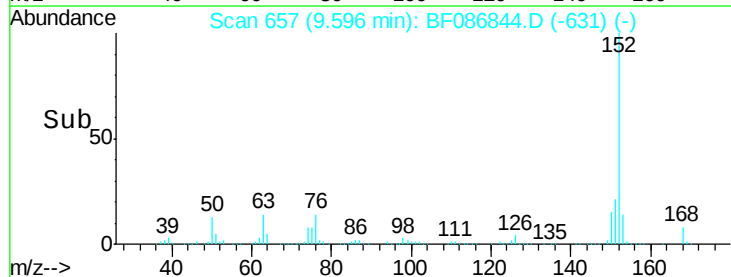
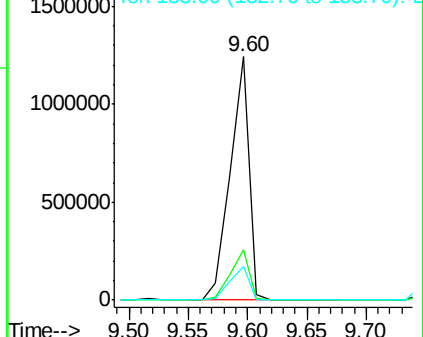
153 14.0 10.9 16.3

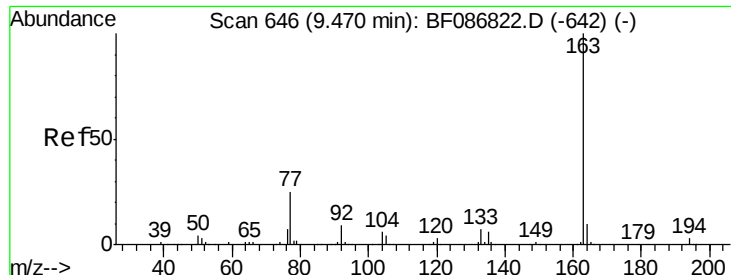


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 58.30 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

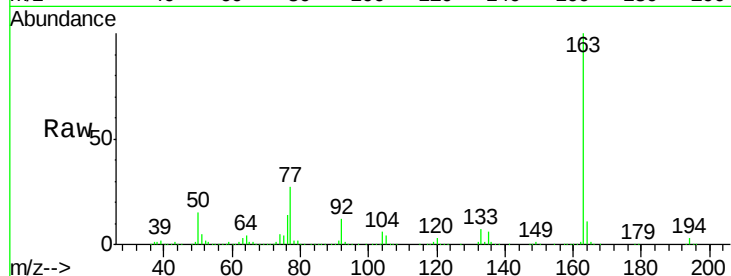
Tgt Ion:163 Resp: 1454616

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

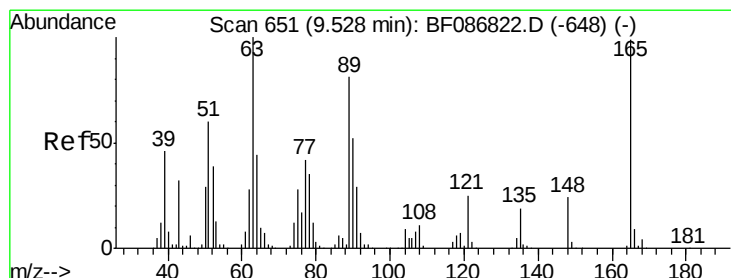
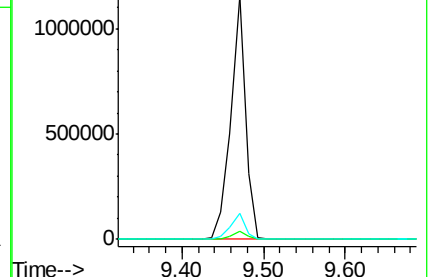
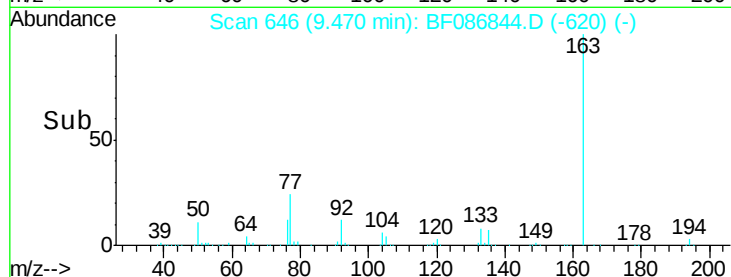
164 10.7 8.2 12.4



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: 46.39 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

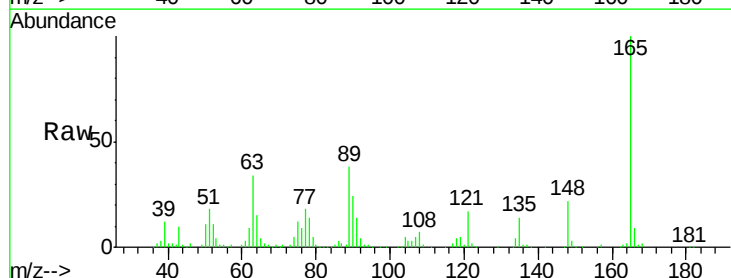
Tgt Ion:165 Resp: 243572

Ion Ratio Lower Upper

165 100

63 34.4 51.8 77.8#

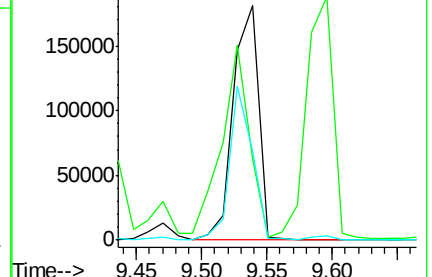
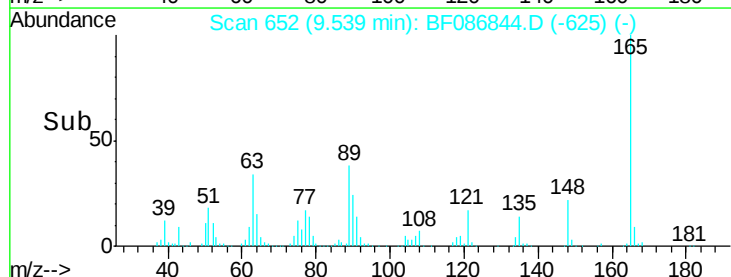
89 37.7 50.7 76.1#

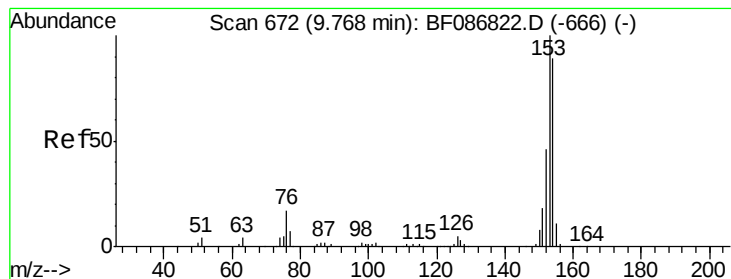


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.72 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

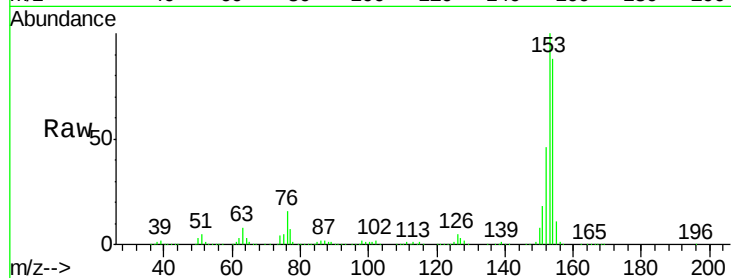
Tgt Ion:154 Resp: 945646

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

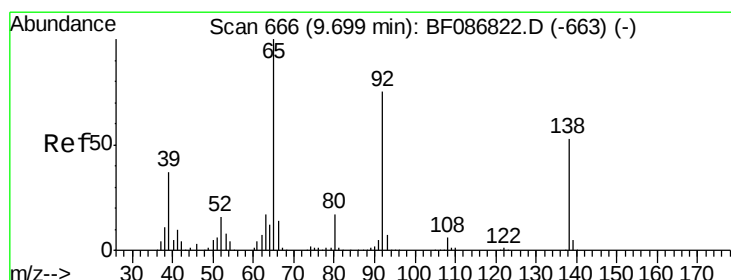
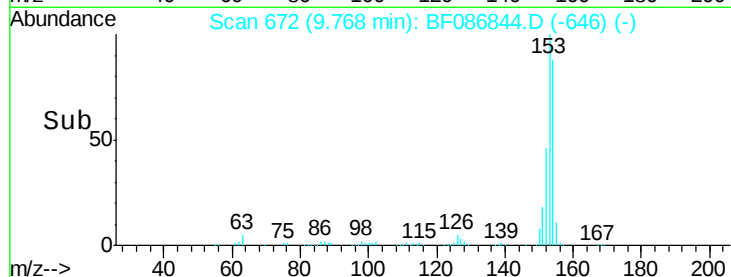
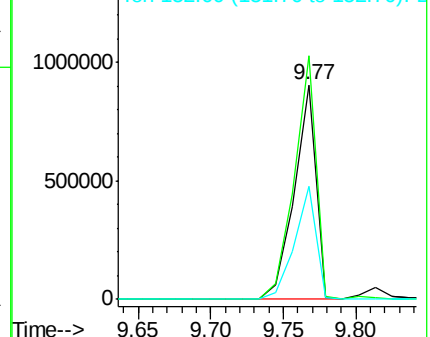
152 52.6 43.4 65.0



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



#52

3-Nitroaniline

Concen: 23.58 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

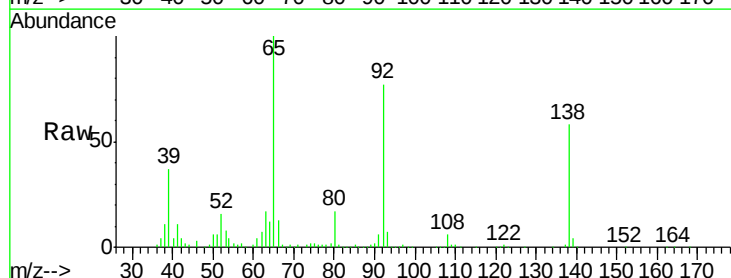
Tgt Ion:138 Resp: 130319

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

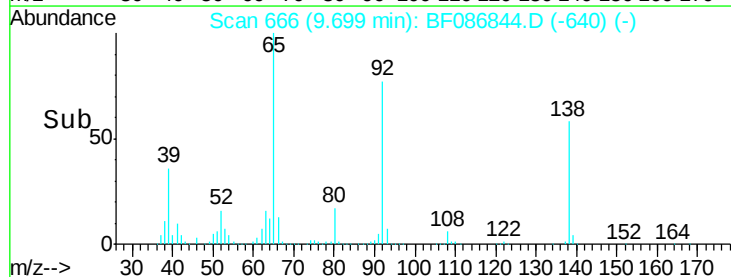
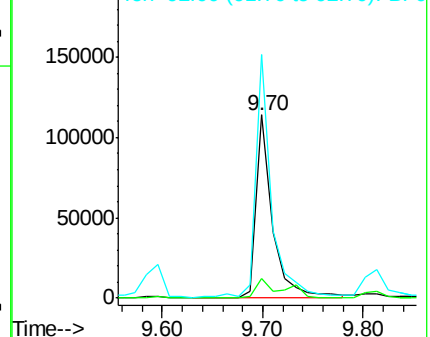
92 133.0 87.8 131.8#

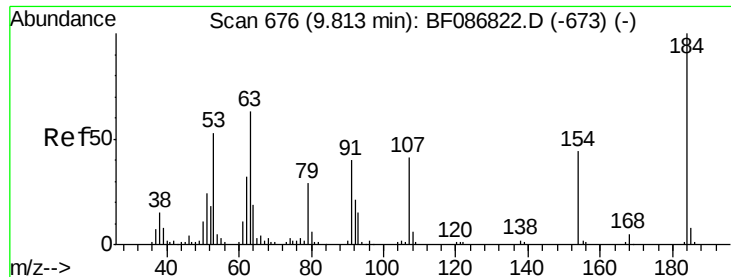


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

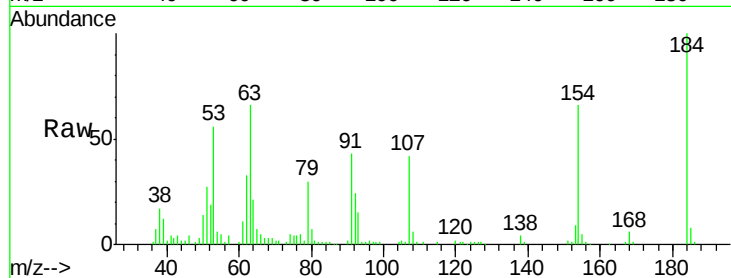




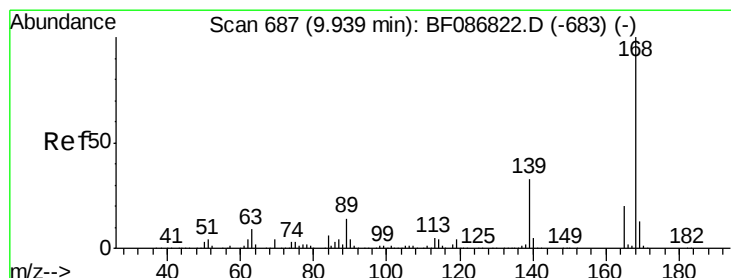
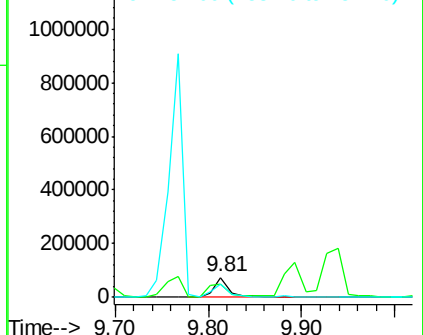
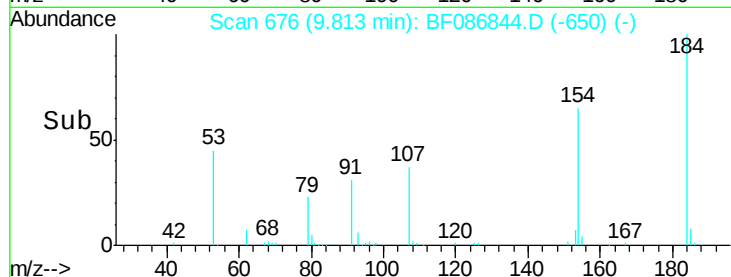
#53
 2,4-Dinitrophenol
 Concen: 38.21 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion:184 Resp: 90607
 Ion Ratio Lower Upper
 184 100
 63 65.9 55.8 83.8
 154 65.6 62.4 93.6

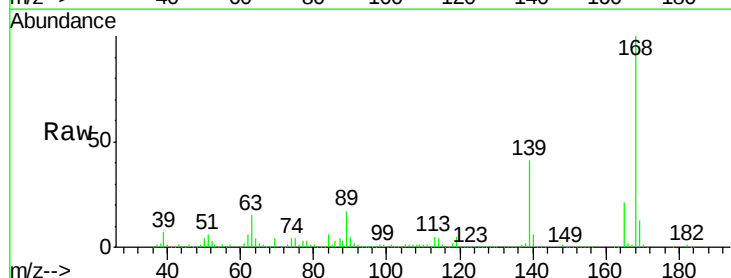


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

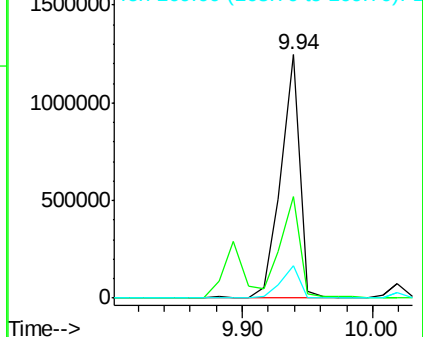
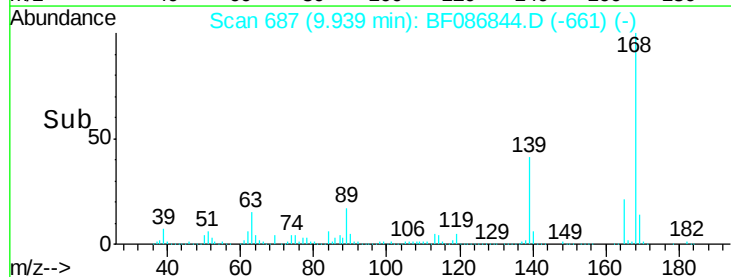


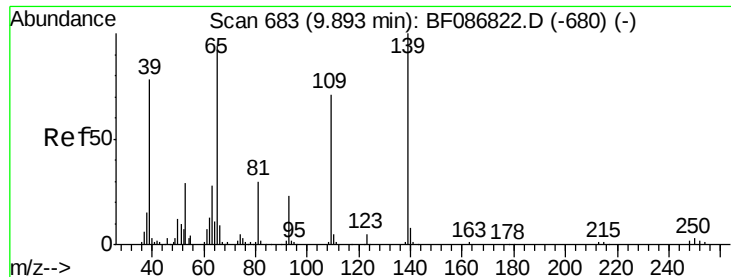
#54
 Dibenzofuran
 Concen: 53.37 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:168 Resp: 1277366
 Ion Ratio Lower Upper
 168 100
 139 41.5 31.4 47.0
 169 13.5 10.7 16.1



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

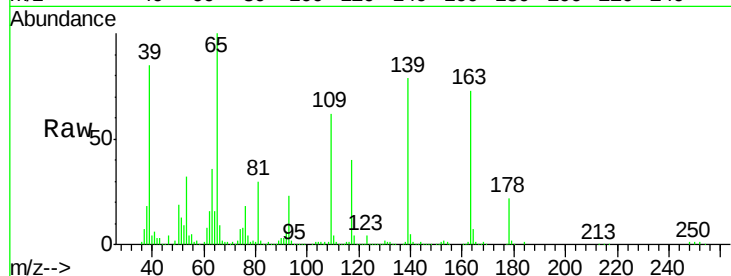




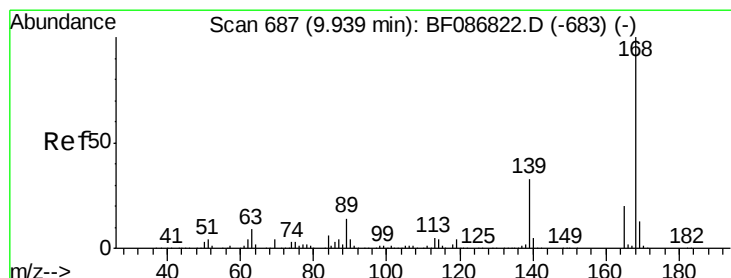
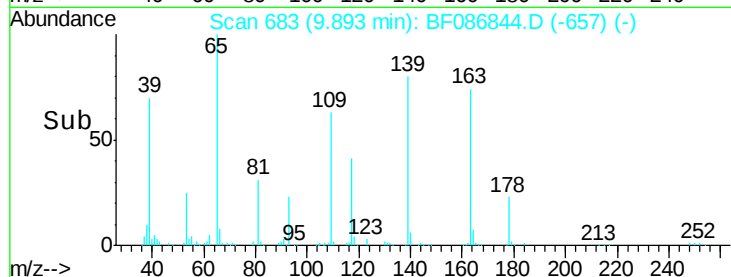
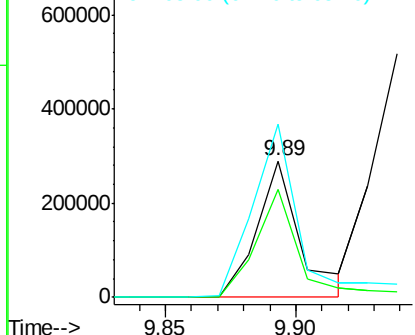
#55
4-Nitrophenol
Concen: 89.99 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMS

Tgt Ion:139 Resp: 333906
Ion Ratio Lower Upper
139 100
109 79.2 36.9 76.9#
65 126.9 64.0 104.0#

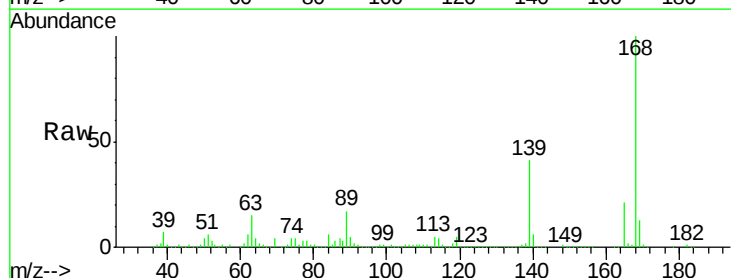


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

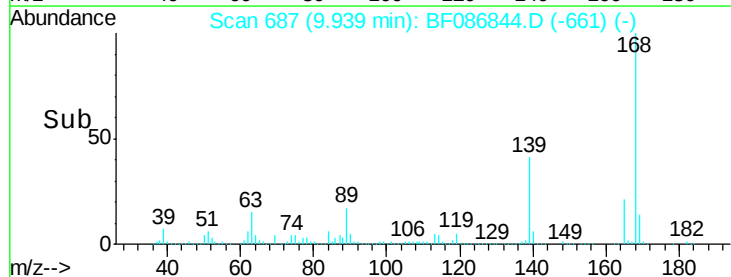
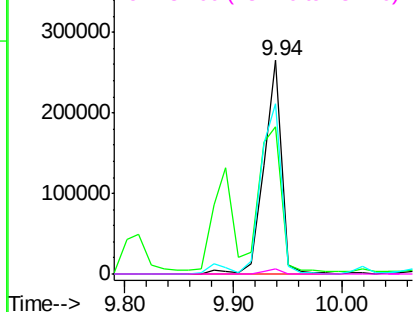


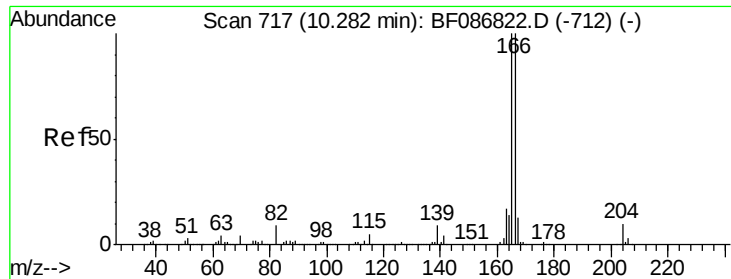
#56
2,4-Dinitrotoluene
Concen: 46.50 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Tgt Ion:165 Resp: 302144
Ion Ratio Lower Upper
165 100
63 69.2 44.3 66.5#
89 80.0 70.0 105.0
182 2.5 1.8 2.6



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 53.07 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

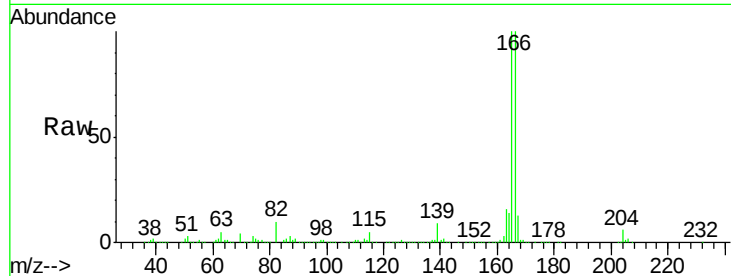
Tgt Ion:166 Resp: 1083281

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

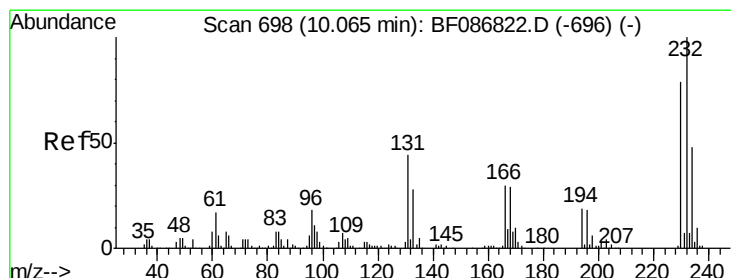
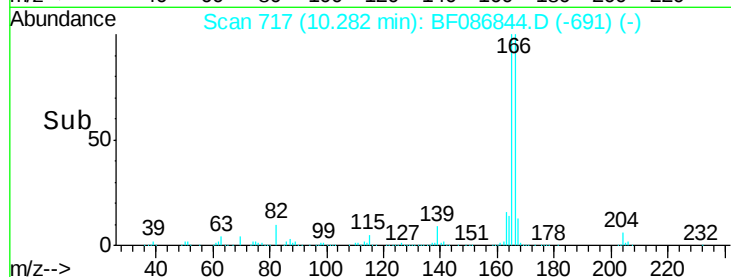
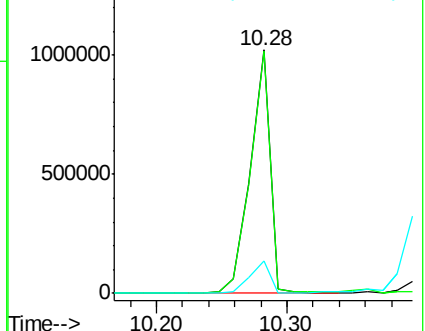
167 13.4 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.25 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Tgt Ion:232 Resp: 253683

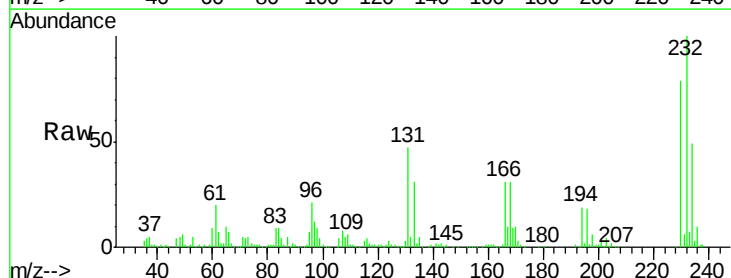
Ion Ratio Lower Upper

232 100

131 53.0 41.9 62.9

130 3.0 2.2 3.4

166 32.1 26.8 40.2

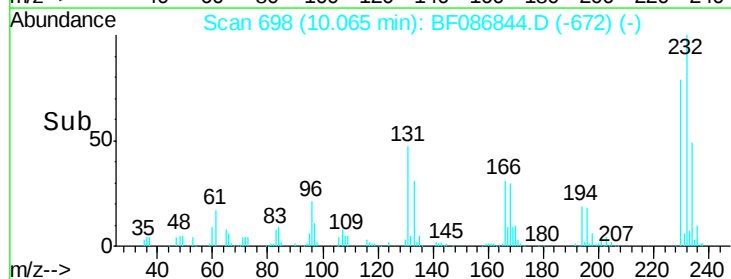
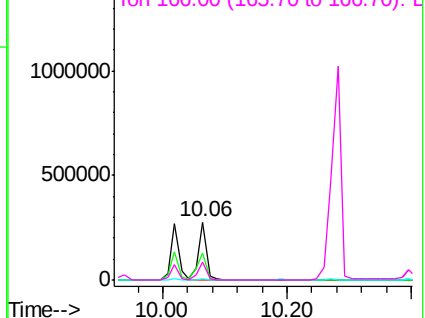


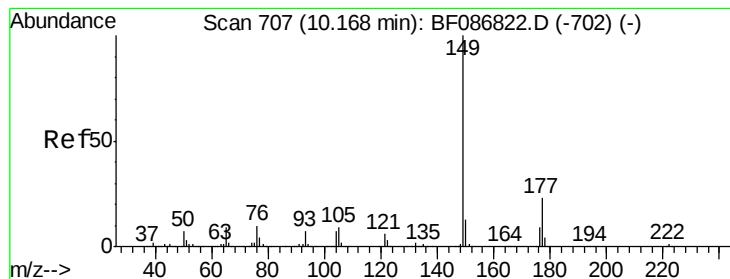
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.71 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

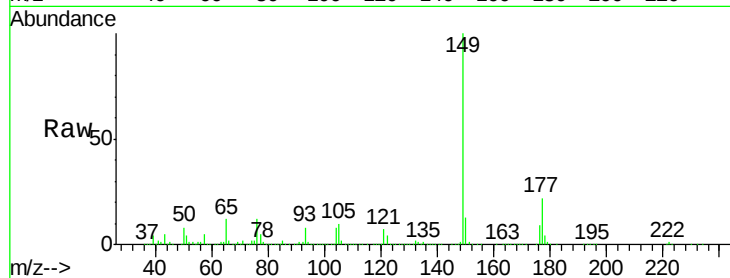
Tgt Ion:149 Resp: 1062772

Ion Ratio Lower Upper

149 100

177 22.2 16.6 24.8

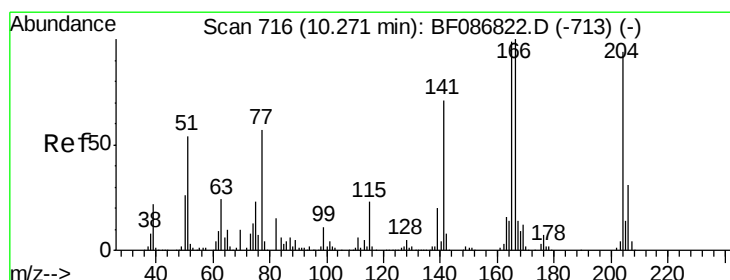
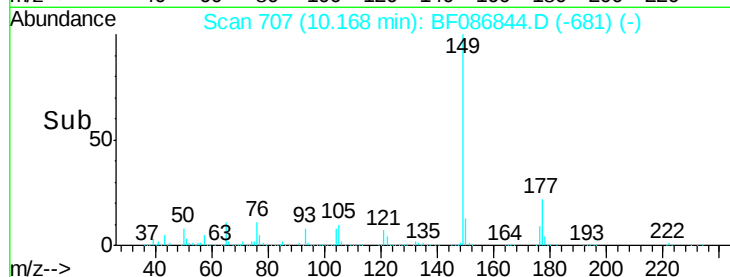
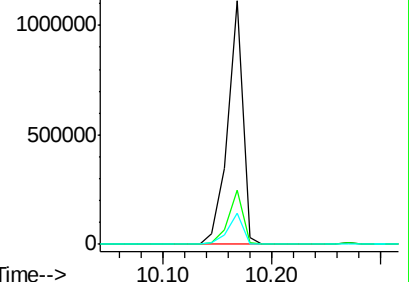
150 12.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.16 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

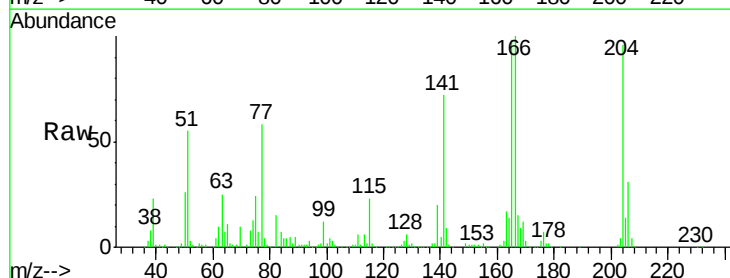
Tgt Ion:204 Resp: 380316

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

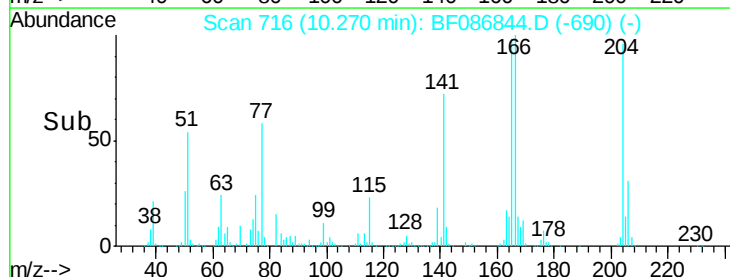
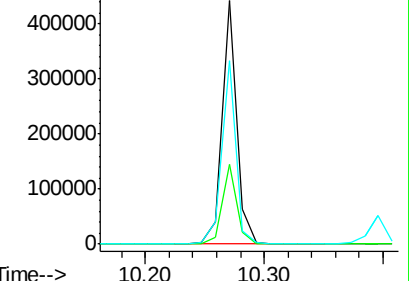
141 75.2 61.6 92.4

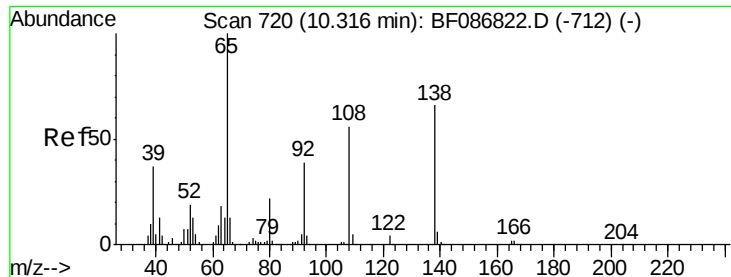


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.31 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

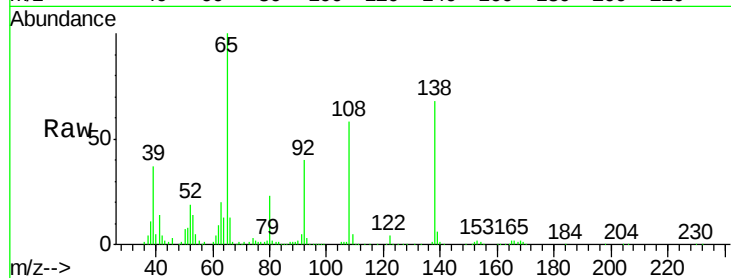
Tgt Ion:138 Resp: 219285

Ion Ratio Lower Upper

138 100

92 58.2 24.7 64.7

108 85.1 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

200000

150000

100000

50000

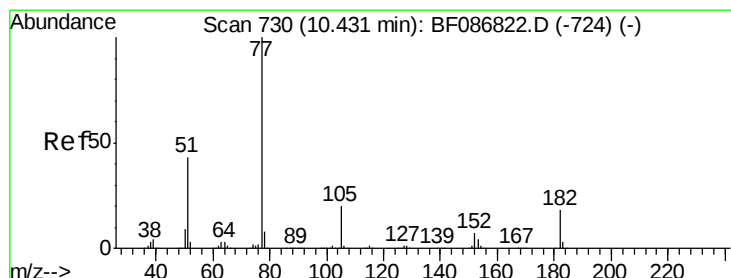
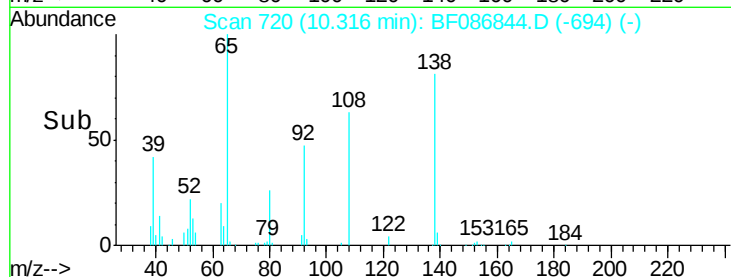
0

10.20

10.40

10.60

Time-->



#62

Azobenzene

Concen: 46.34 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Tgt Ion: 77 Resp: 1215349

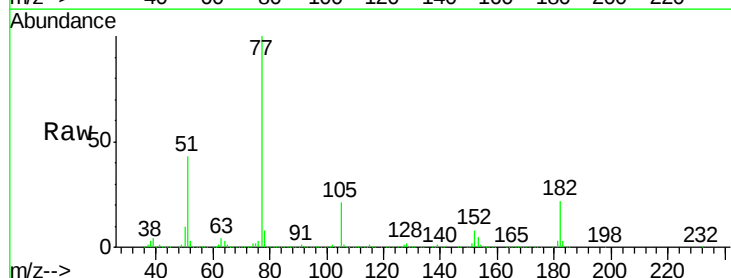
Ion Ratio Lower Upper

77 100

182 21.7 0.0 38.8

105 20.7 3.2 43.2

51 43.0 8.8 48.8



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

1500000

1000000

500000

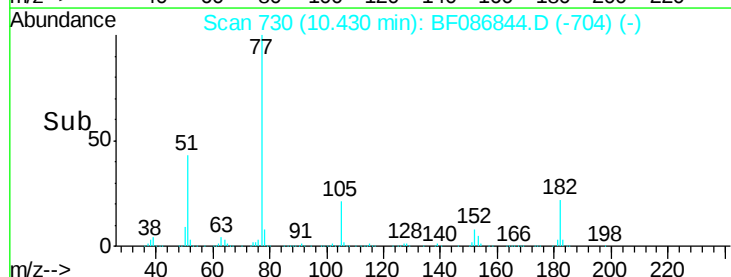
0

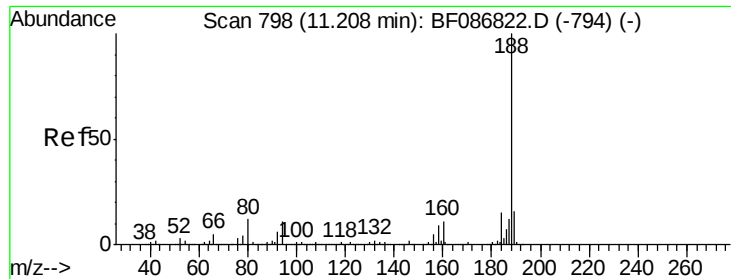
10.30

10.40

10.50

Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

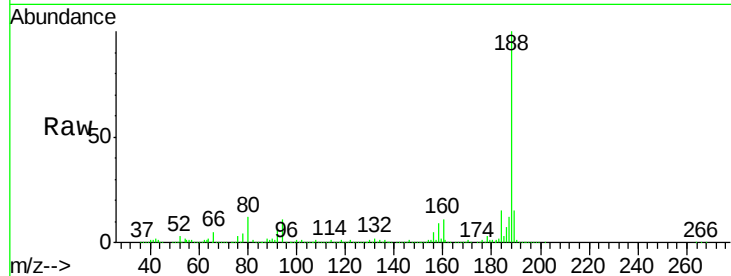
Tgt Ion:188 Resp: 569585

Ion Ratio Lower Upper

188 100

94 10.9 6.8 10.2#

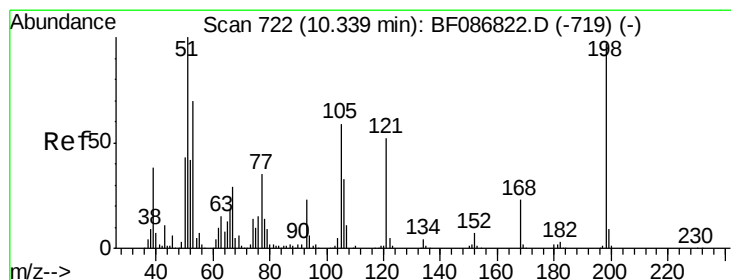
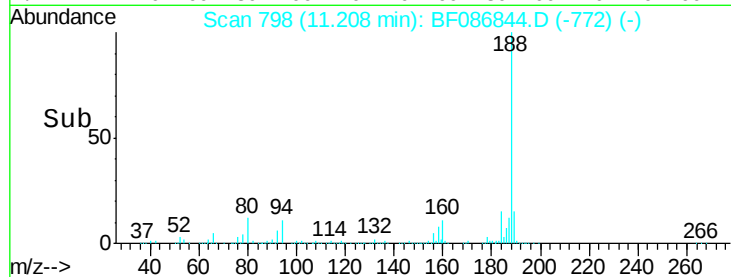
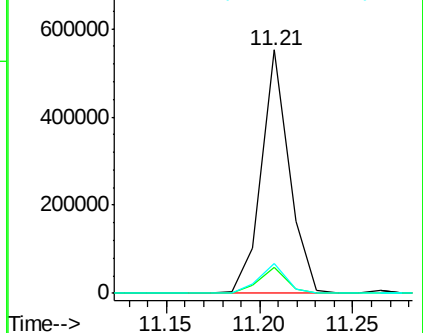
80 12.1 7.1 10.7#



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: 29.39 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

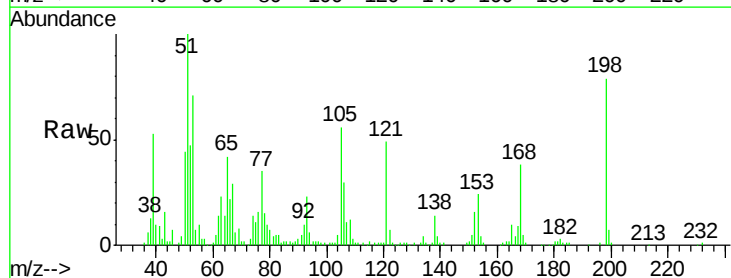
Tgt Ion:198 Resp: 103987

Ion Ratio Lower Upper

198 100

51 125.8 20.5 60.5#

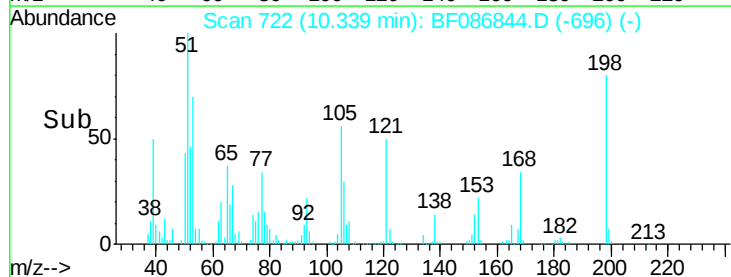
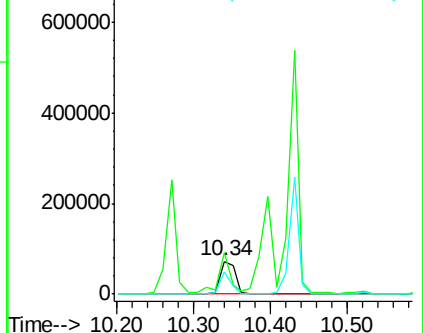
105 70.2 24.5 64.5#

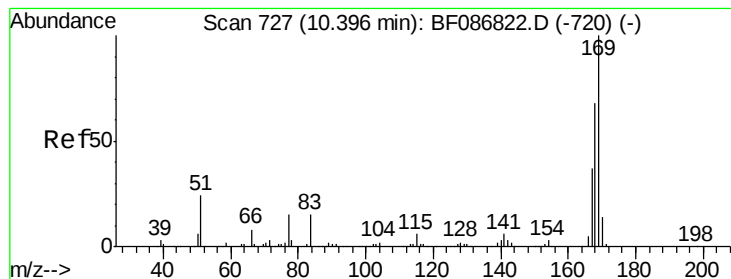


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.18 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

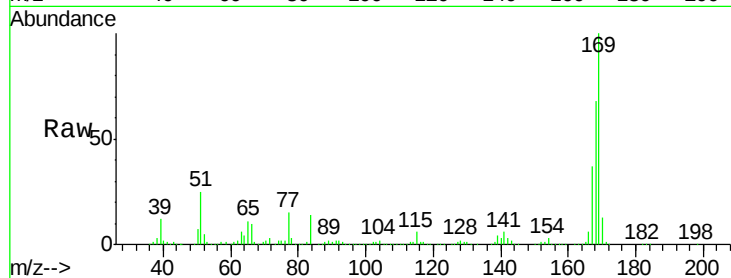
Tgt Ion:169 Resp: 825564

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.6

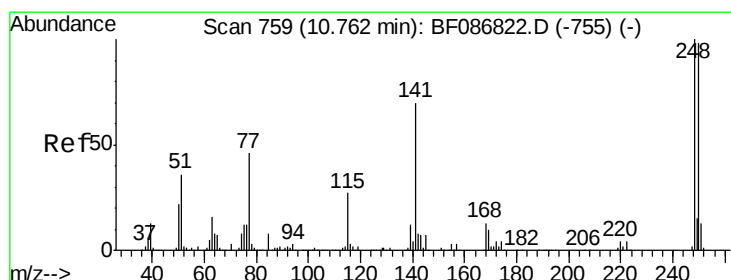
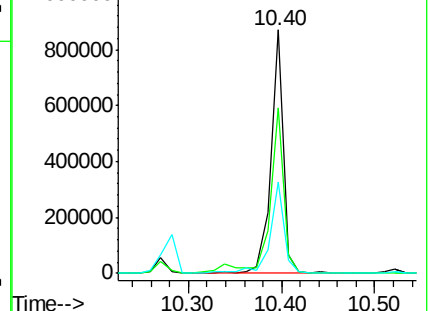
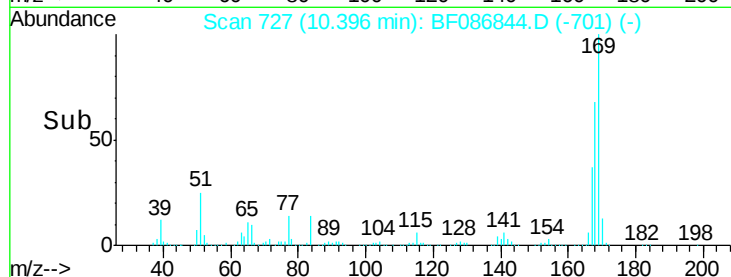
167 37.5 29.5 44.3



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: 47.18 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

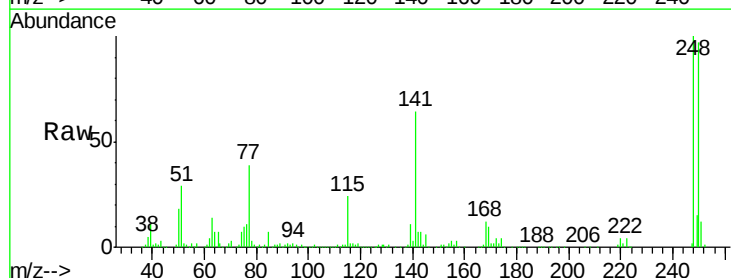
Tgt Ion:248 Resp: 272484

Ion Ratio Lower Upper

248 100

250 96.6 78.6 117.8

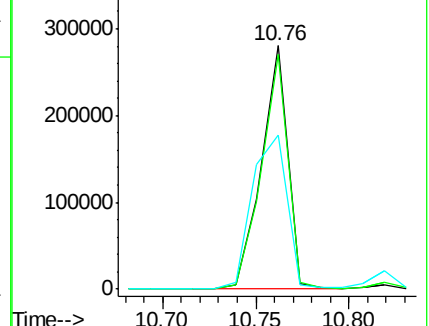
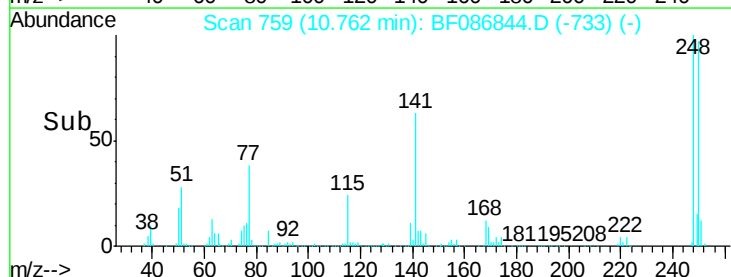
141 63.5 76.0 114.0#

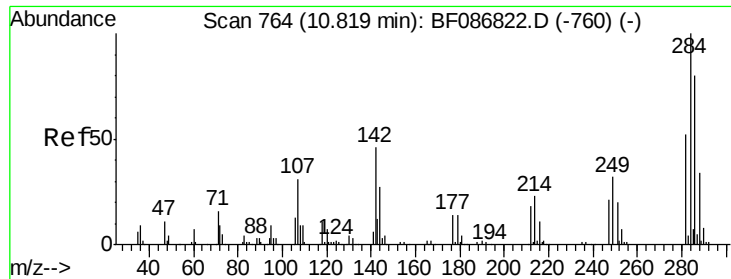


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

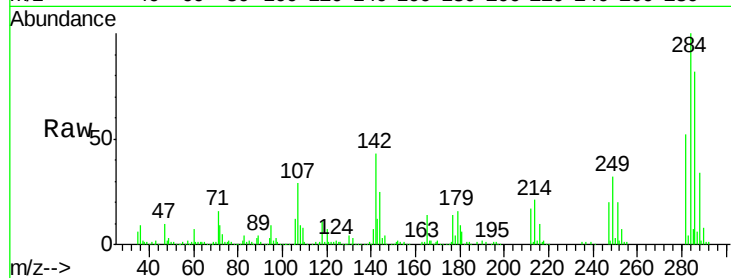




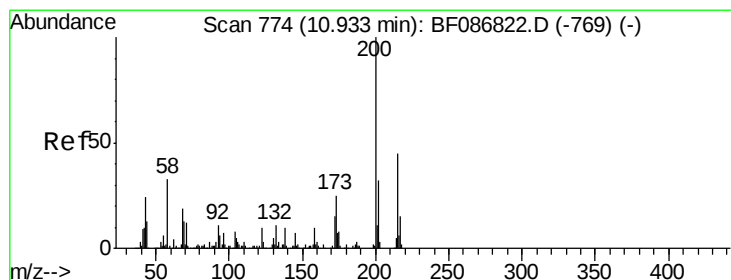
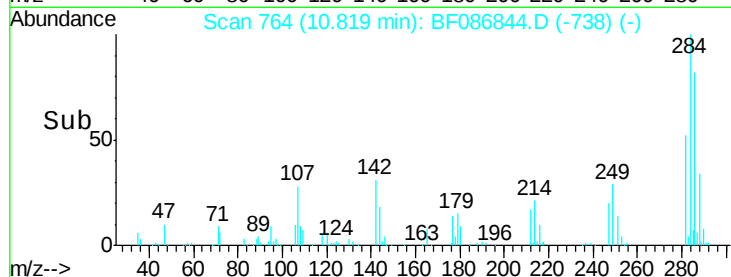
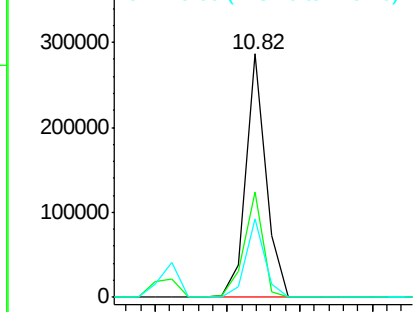
#67
Hexachlorobenzene
Concen: 40.70 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMS

Tgt Ion:284 Resp: 274714
Ion Ratio Lower Upper
284 100
142 43.2 16.7 25.1#
249 32.4 21.3 31.9#

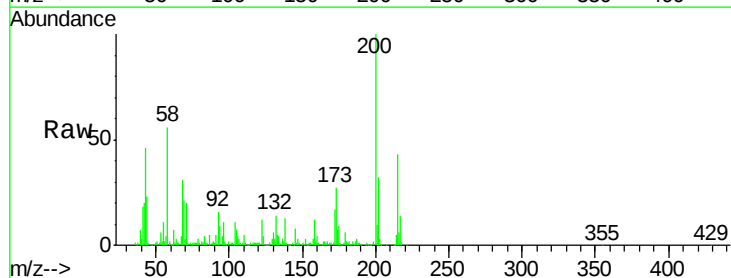


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

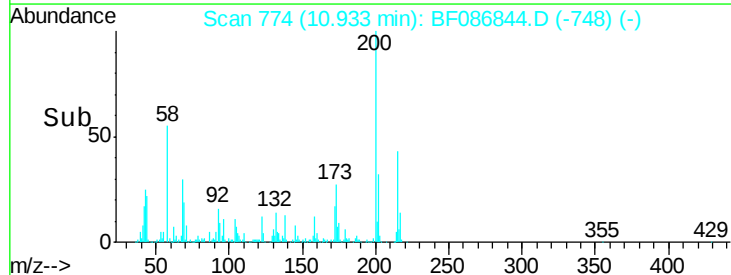
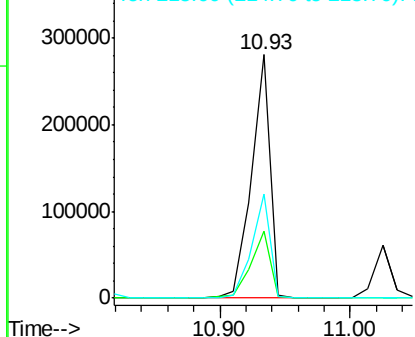


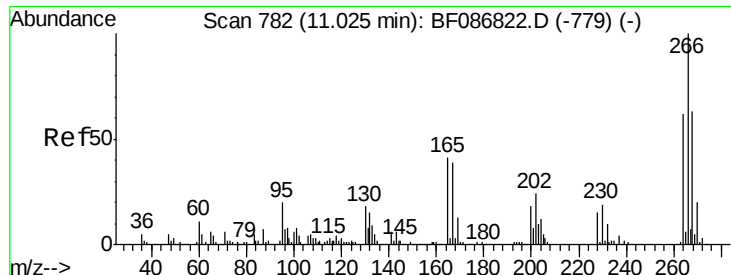
#68
Atrazine
Concen: 47.84 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Tgt Ion:200 Resp: 279654
Ion Ratio Lower Upper
200 100
173 27.4 8.5 48.5
215 43.0 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

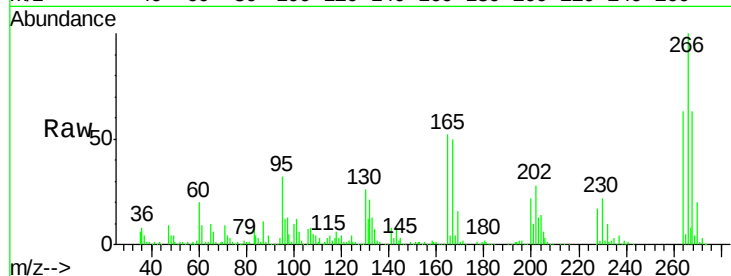




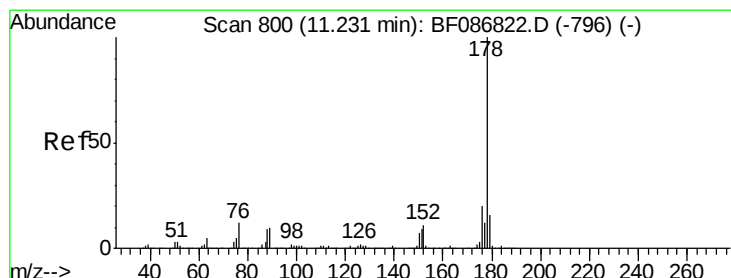
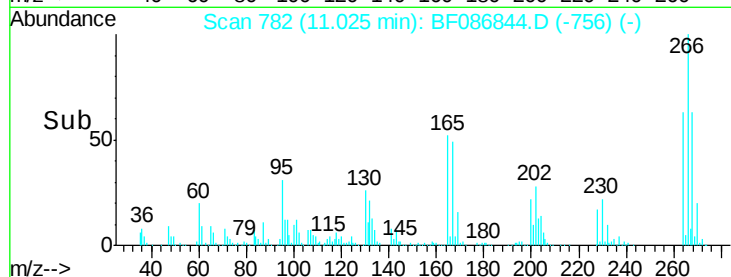
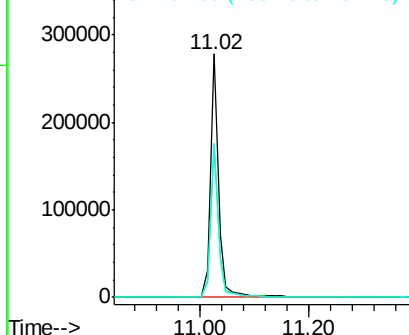
#69
 Pentachlorophenol
 Concen: 93.31 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion:266 Resp: 291059
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.5 77.3
 264 63.4 52.9 79.3

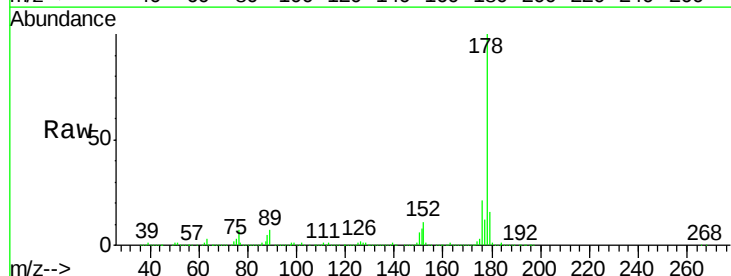


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

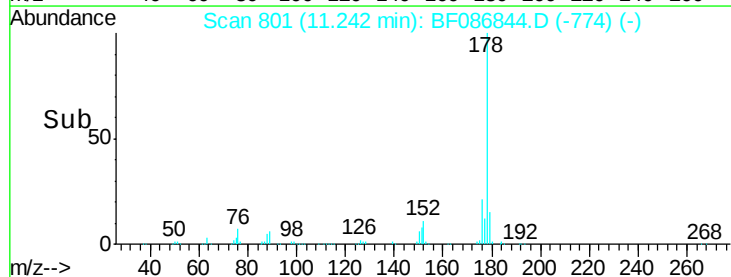
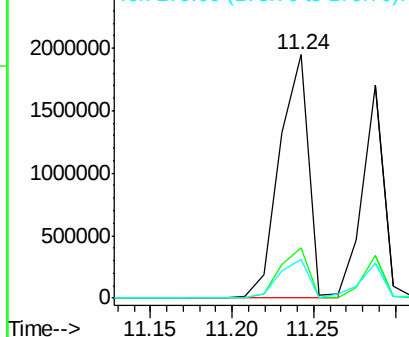


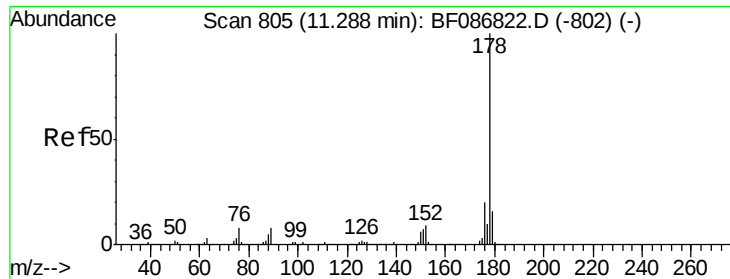
#70
 Phenanthrene
 Concen: 79.84 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:178 Resp: 2426965
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.0 24.0
 179 16.0 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

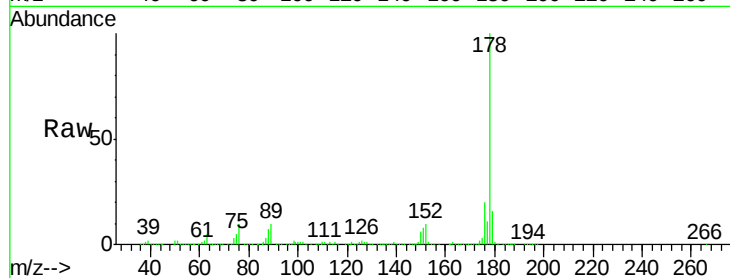




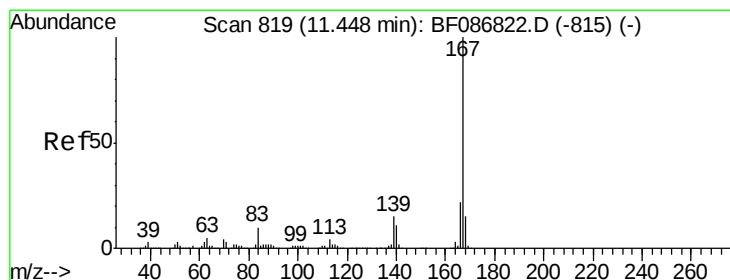
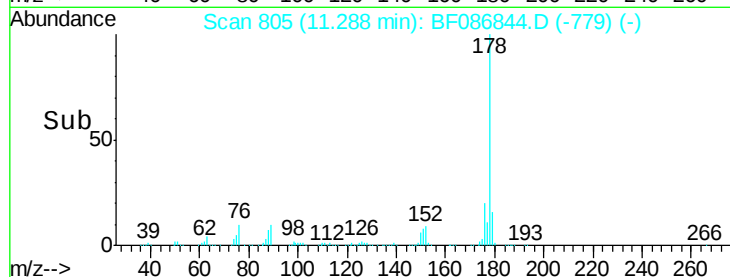
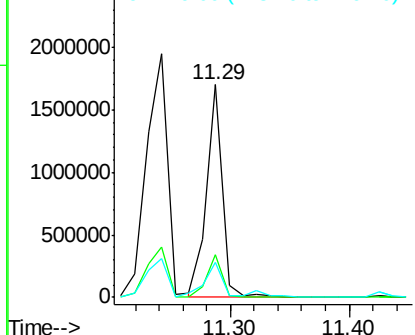
#71
 Anthracene
 Concen: 50.95 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion:178 Resp: 1583960
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.6 23.4
 179 16.4 12.7 19.1

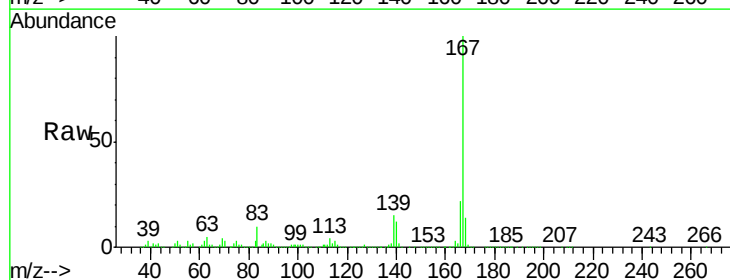


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

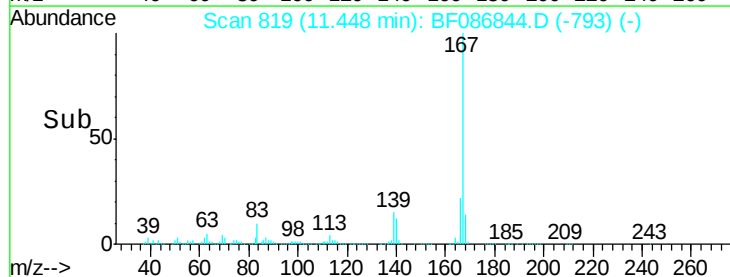
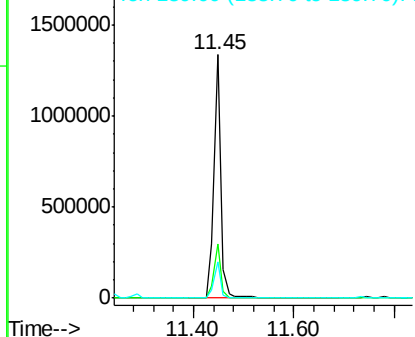


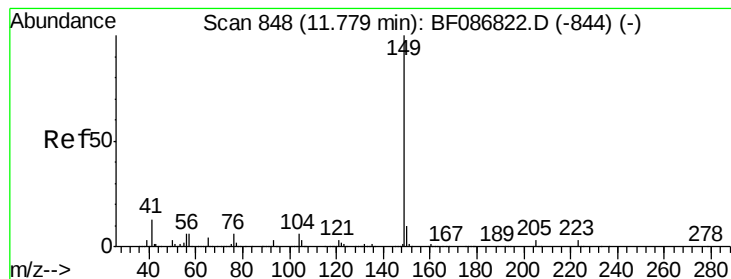
#72
 Carbazole
 Concen: 47.84 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:167 Resp: 1278535
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 15.0 10.8 16.2



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: 42.67 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

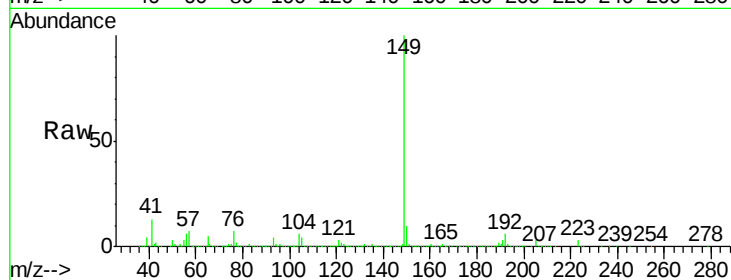
Tgt Ion:149 Resp: 1392357

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

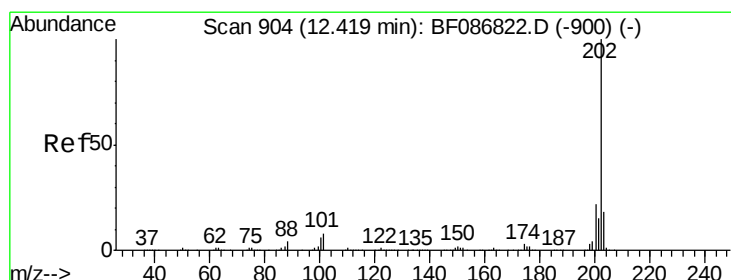
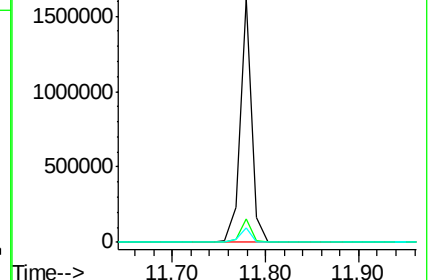
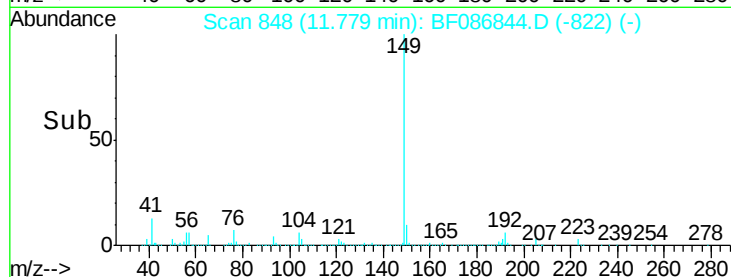
104 6.2 3.8 5.6#



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: 60.82 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

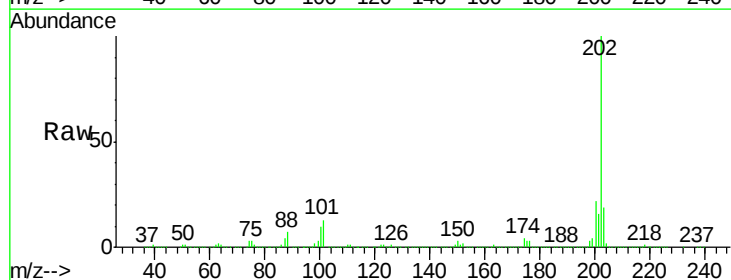
Tgt Ion:202 Resp: 1901380

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.4

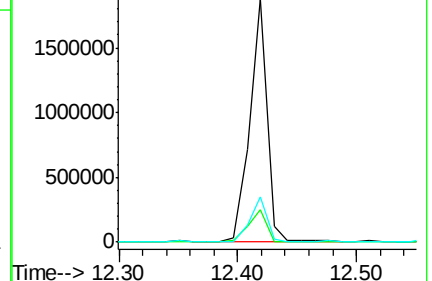
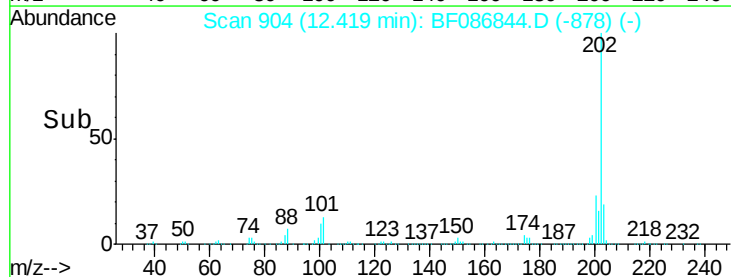
203 18.7 0.0 38.1

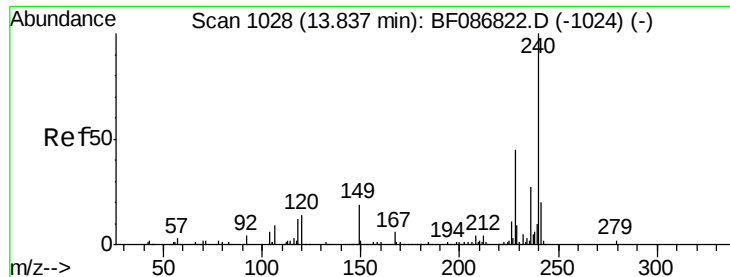


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

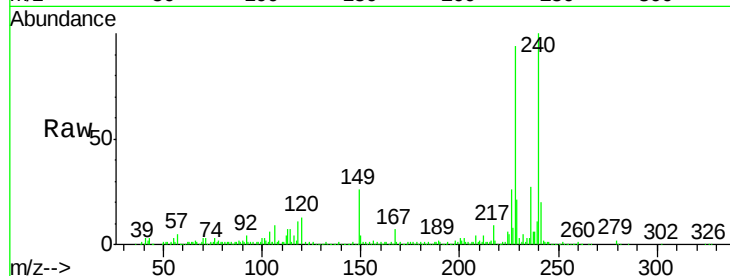
Tgt Ion:240 Resp: 329914

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

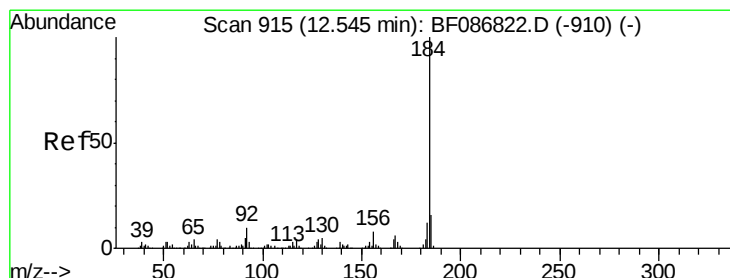
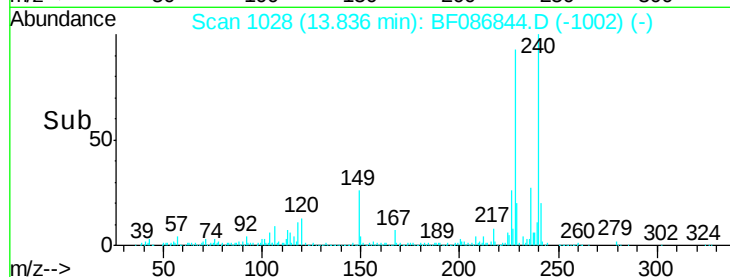
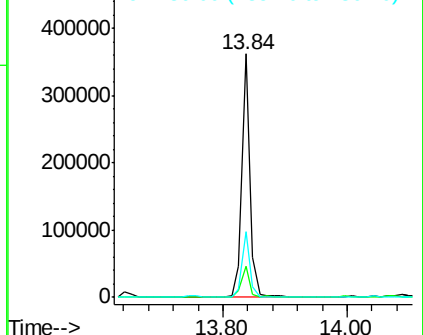
236 27.0 21.2 31.8



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



#76

Benzidine

Concen: 58.50 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

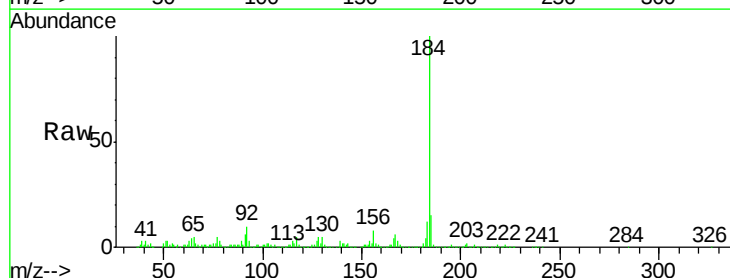
Tgt Ion:184 Resp: 492019

Ion Ratio Lower Upper

184 100

185 14.8 13.6 20.4

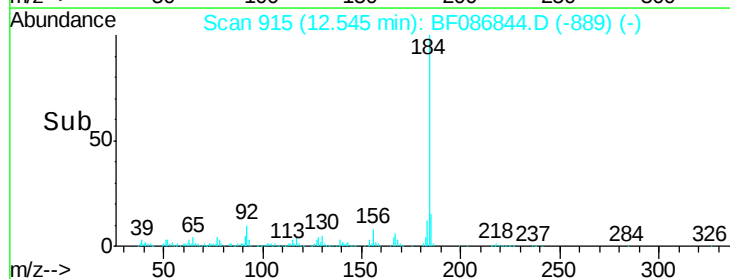
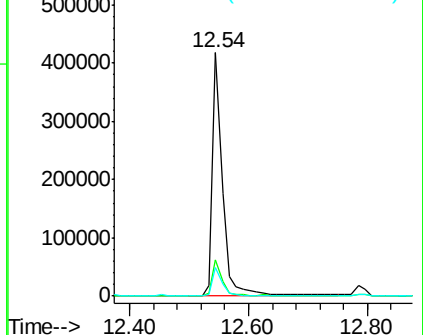
183 11.8 9.8 14.6

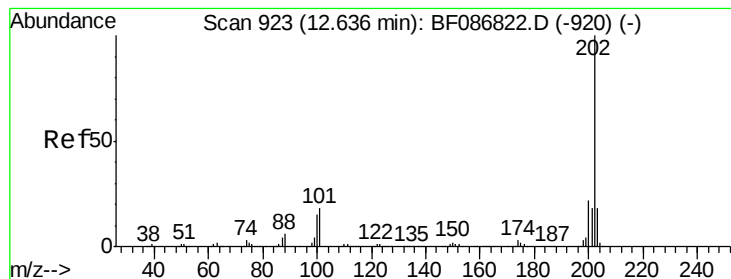


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 77.96 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

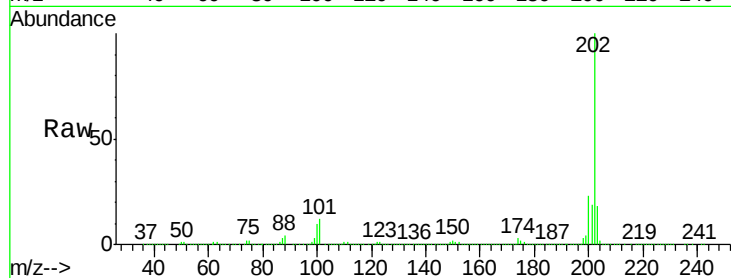
Tgt Ion:202 Resp: 1968982

Ion Ratio Lower Upper

202 100

200 22.9 17.7 26.5

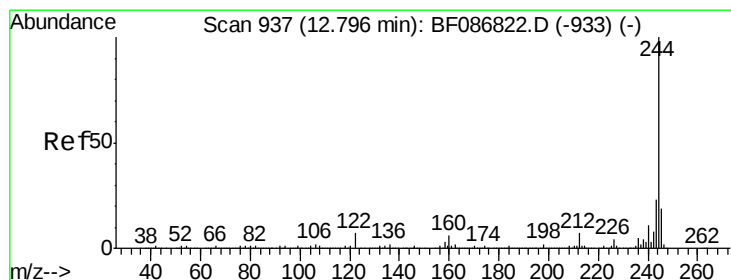
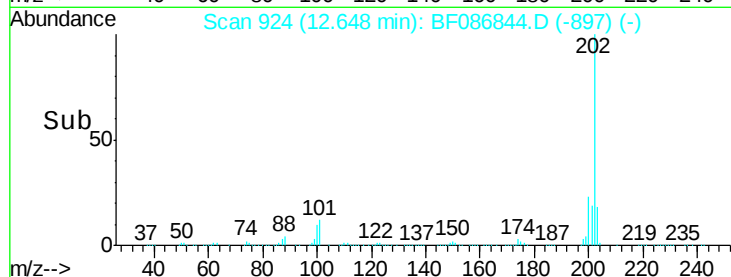
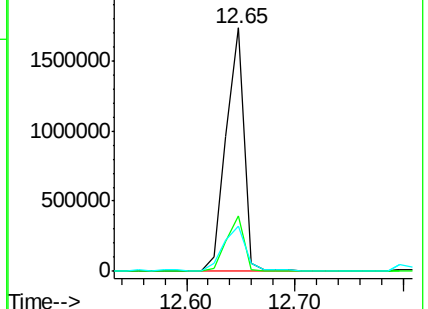
203 18.4 14.2 21.4



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: 91.14 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

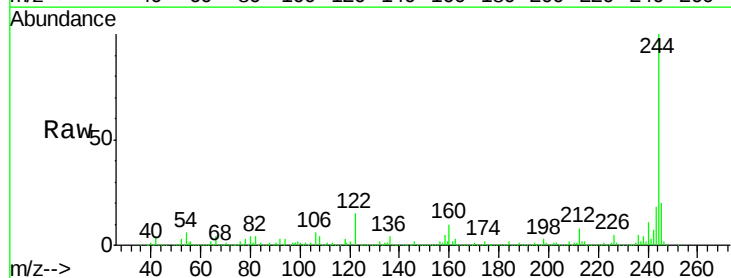
Tgt Ion:244 Resp: 1417171

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

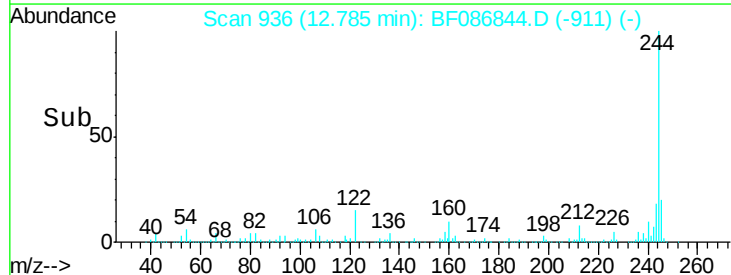
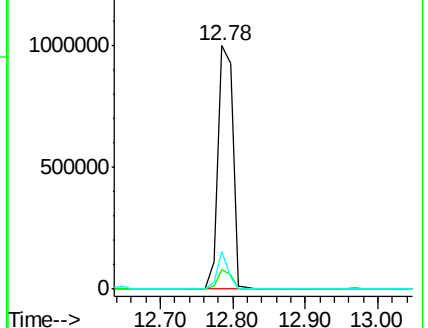
122 15.4 12.0 18.0

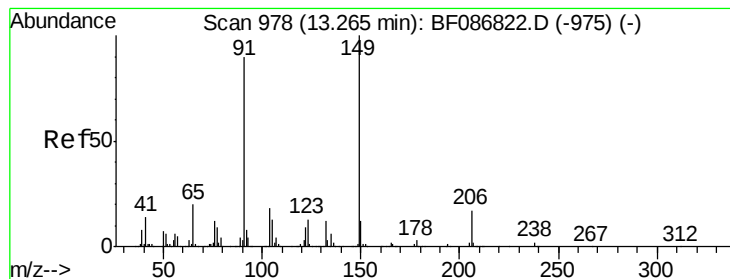


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.46 ng

RT: 13.27 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

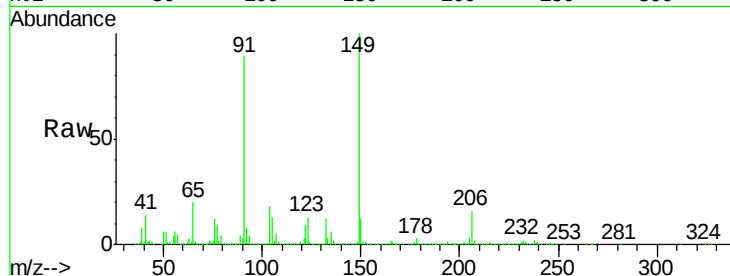
Tgt Ion:149 Resp: 496396

Ion Ratio Lower Upper

149 100

91 89.1 48.0 72.0#

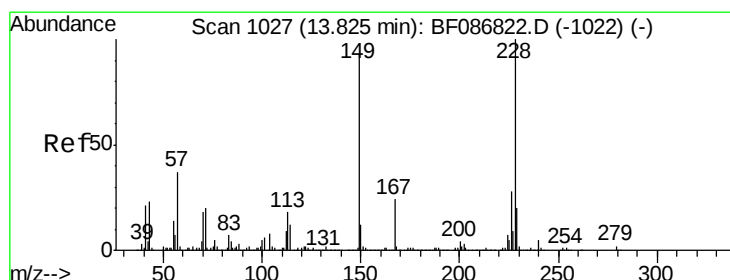
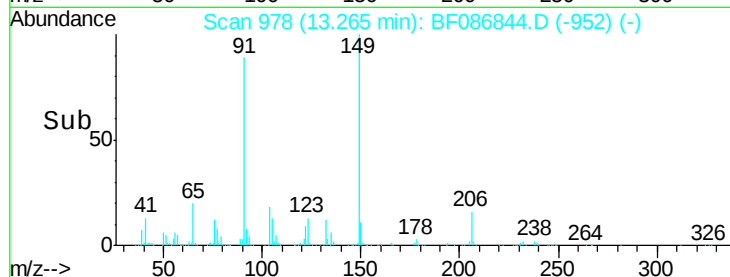
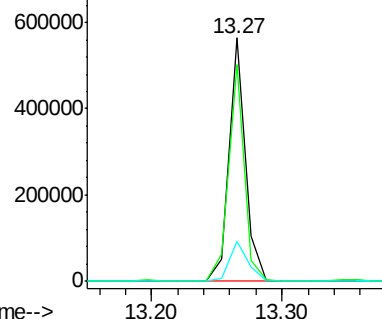
206 16.3 15.8 23.6



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: 60.77 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

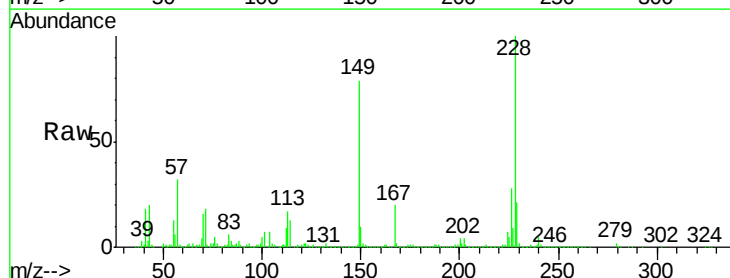
Tgt Ion:228 Resp: 1125556

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

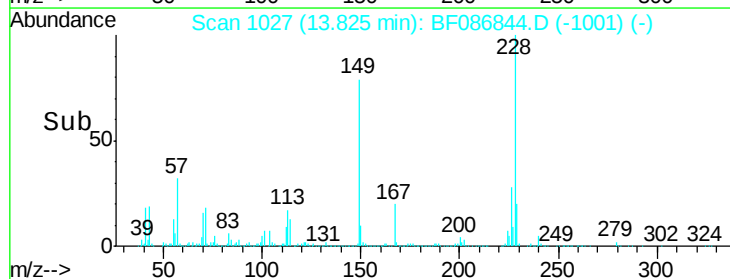
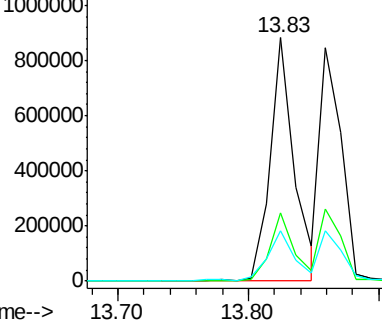
229 20.8 16.6 25.0

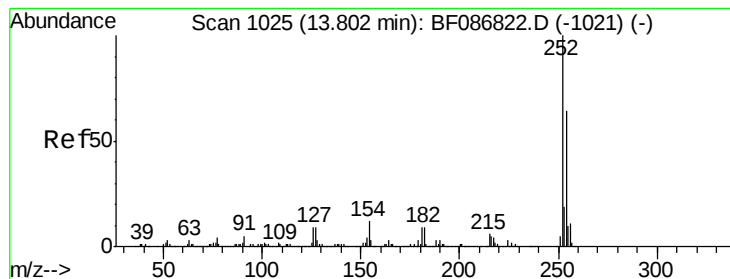


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

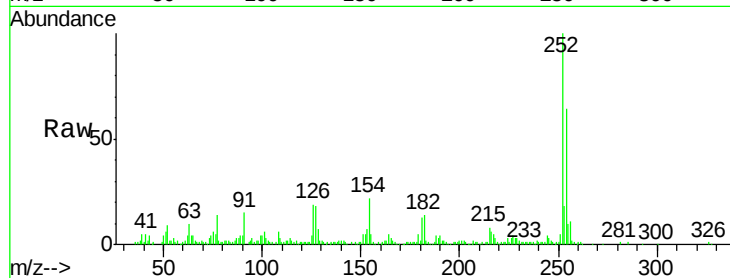




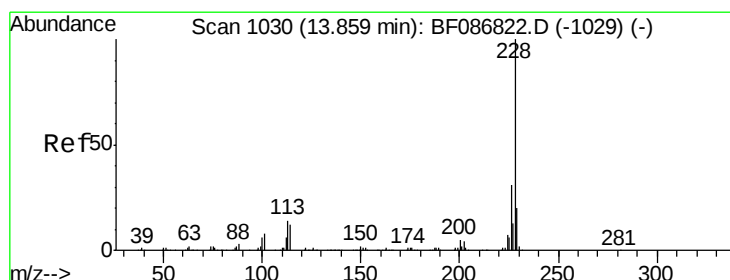
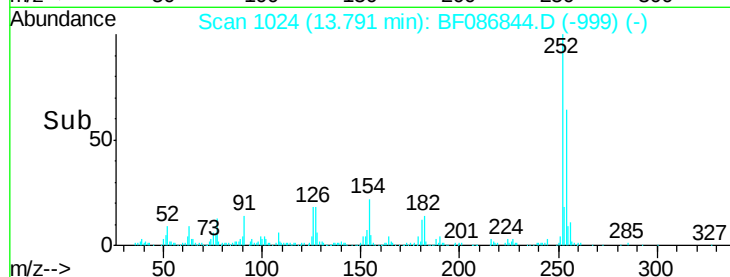
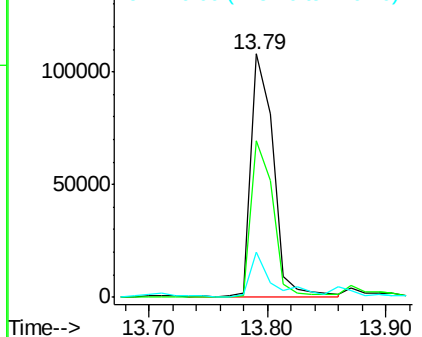
#81
 3,3'-Dichlorobenzidine
 Concen: 12.08 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.7	76.1
126	18.7	12.7	19.1

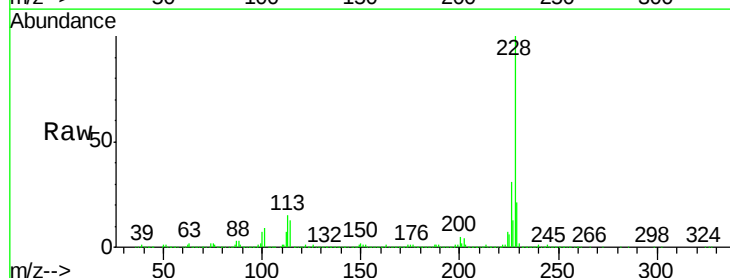


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

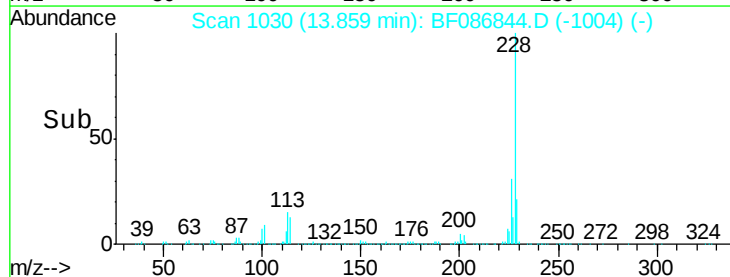
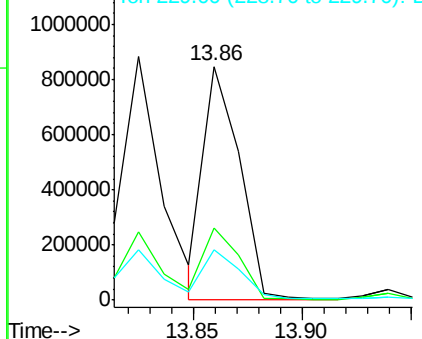


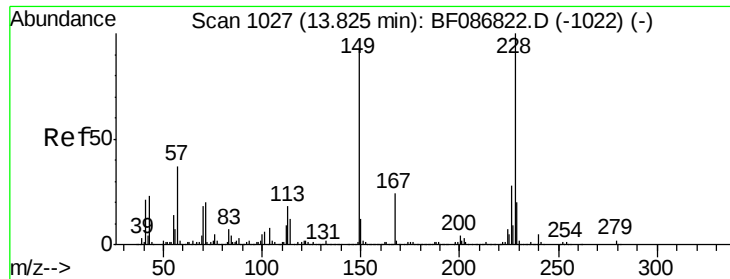
#82
 Chrysene
 Concen: 51.72 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	21.4	15.8	23.8



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

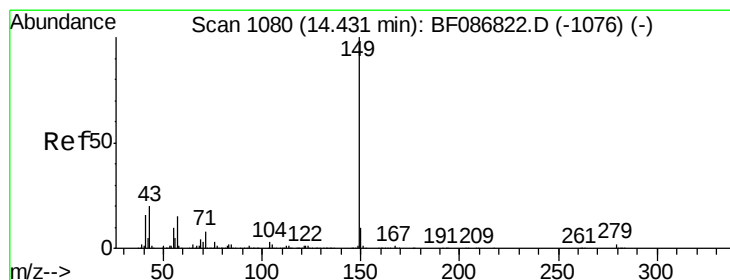
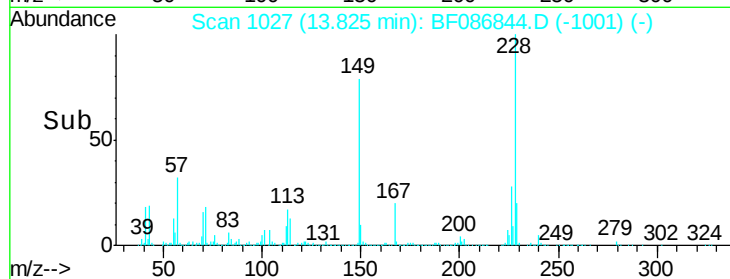
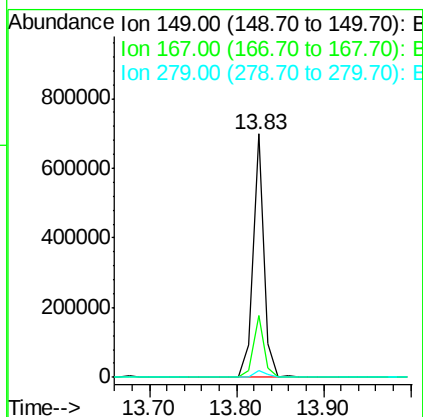
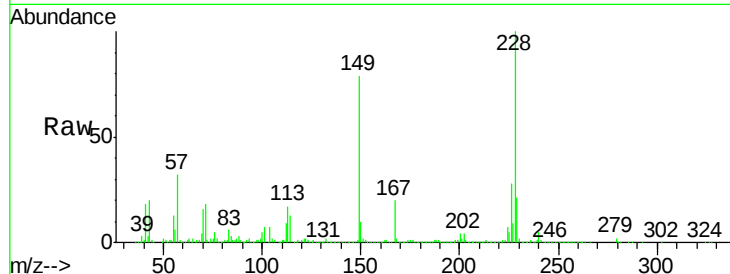




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.72 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

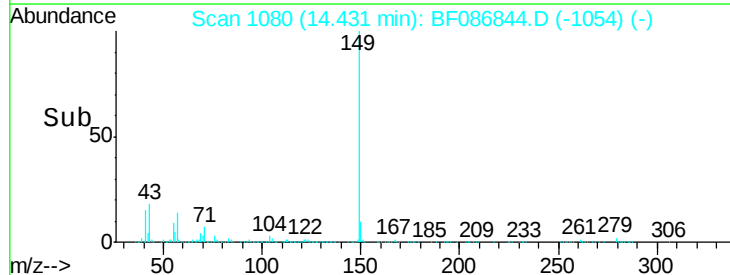
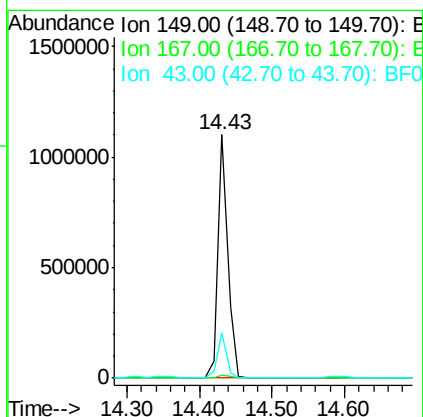
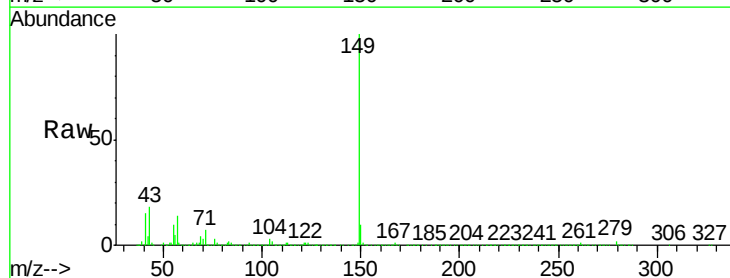
Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

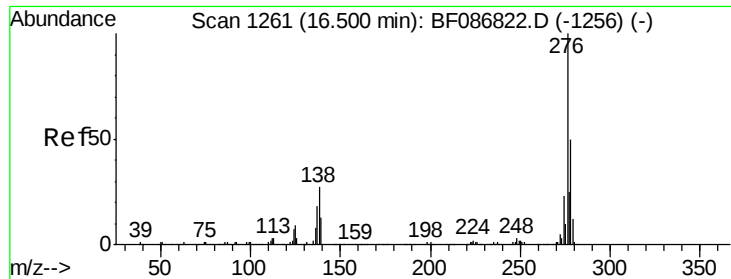
Tgt Ion:149 Resp: 613271
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.8 32.6
 279 2.8 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 48.70 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:149 Resp: 1036621
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 17.0 8.2 12.4#

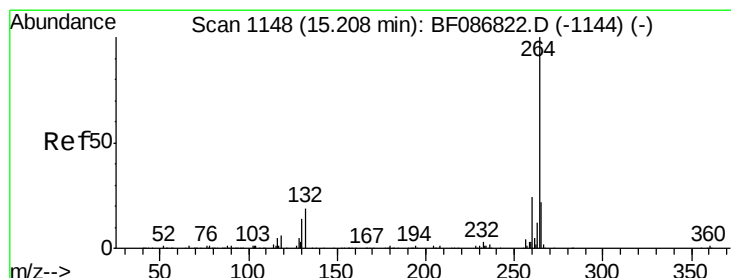
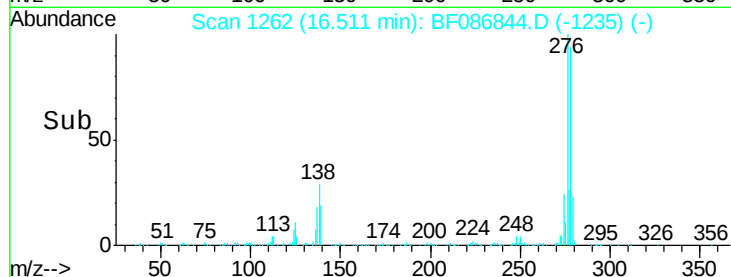
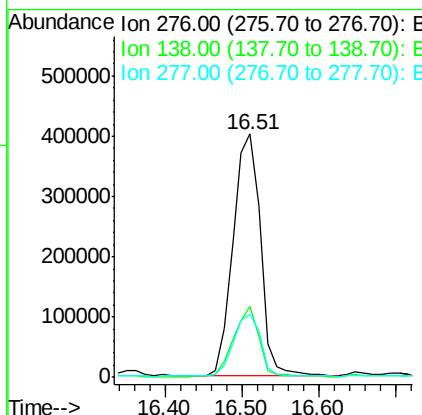
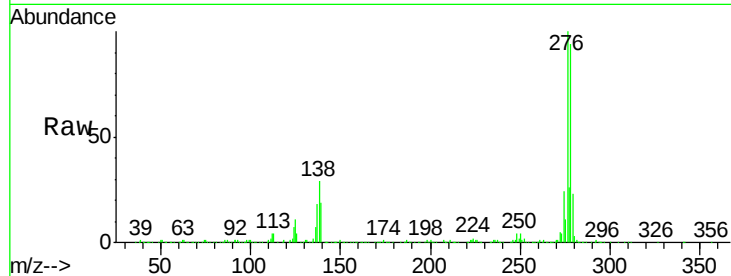




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 64.46 ng
 RT: 16.51 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

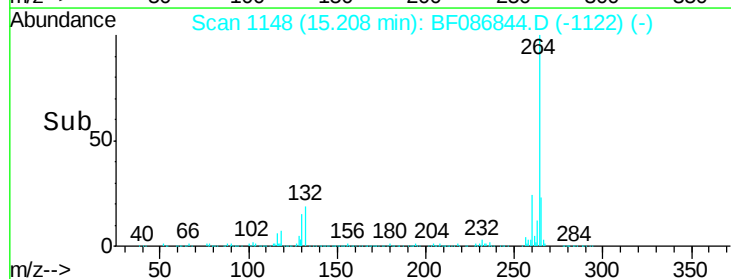
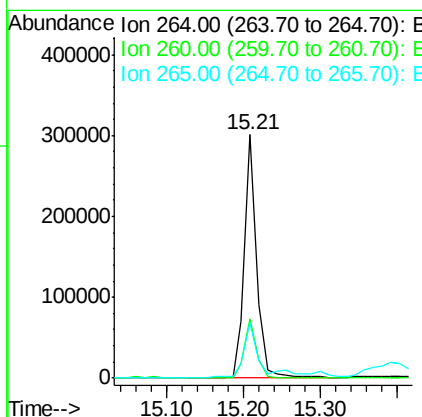
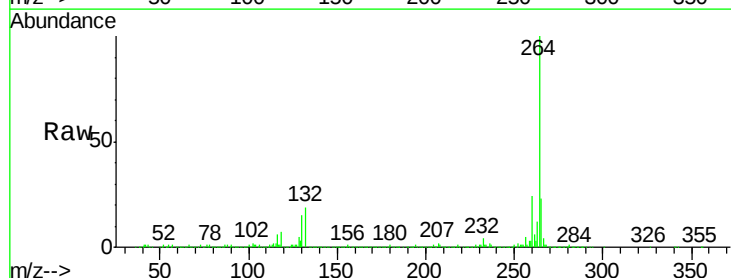
Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMS

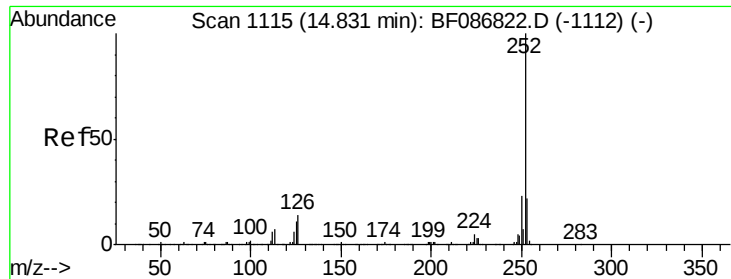
Tgt Ion:276 Resp: 1010351
 Ion Ratio Lower Upper
 276 100
 138 26.8 25.6 38.4
 277 26.0 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086844.D
 Acq: 10 May 2016 2:22

Tgt Ion:264 Resp: 336187
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.8 17.3 25.9

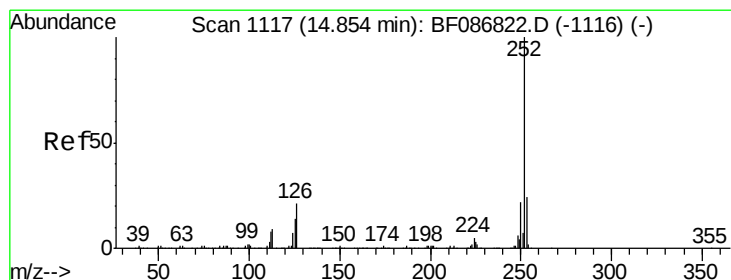
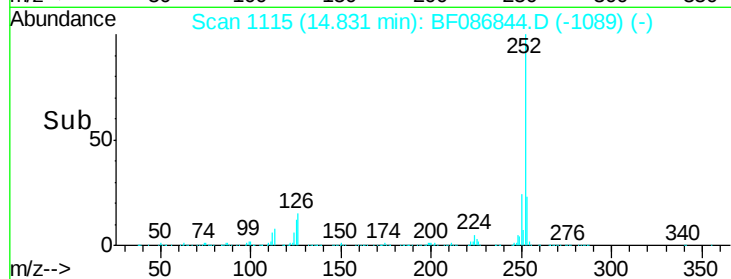
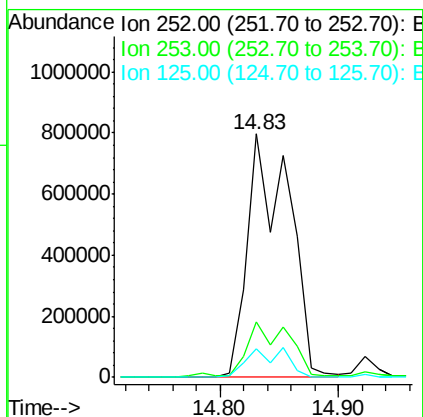
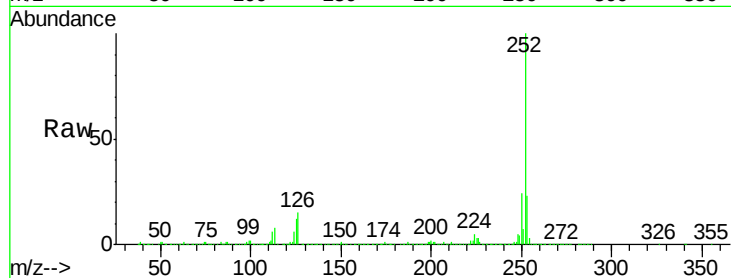




#87
Benzo(b)fluoranthene
Concen: 87.85 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

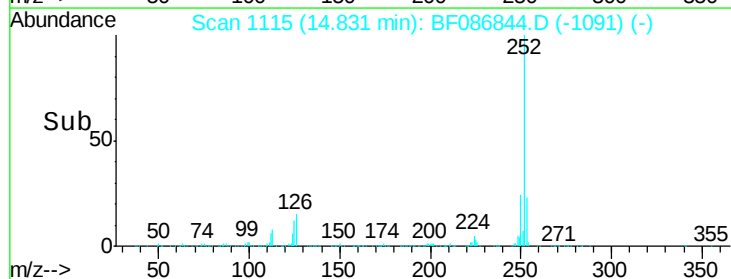
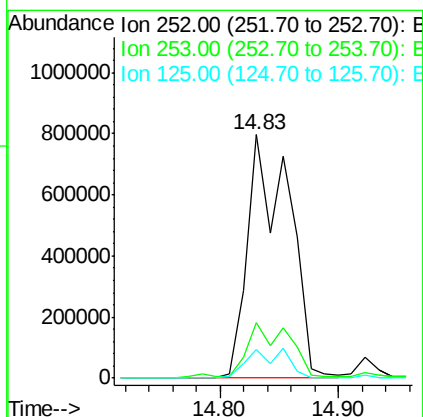
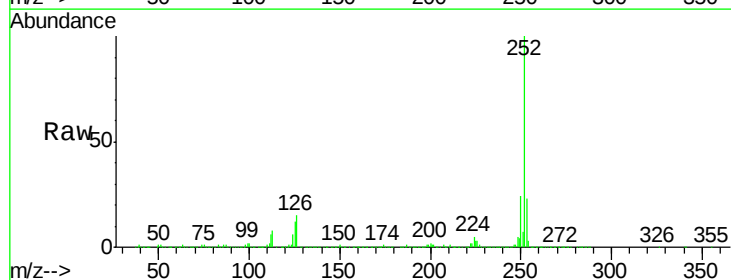
Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMS

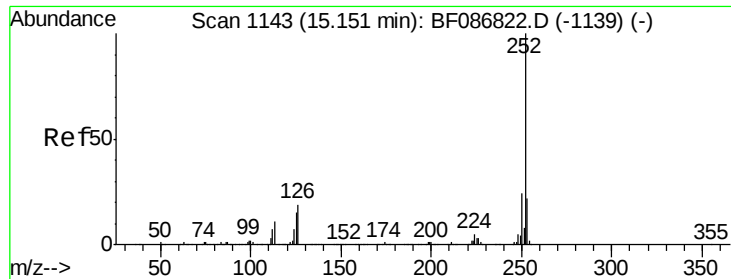
Tgt Ion:252 Resp: 1919353
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.8 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 107.29 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Tgt Ion:252 Resp: 1919353
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.8 9.1 13.7

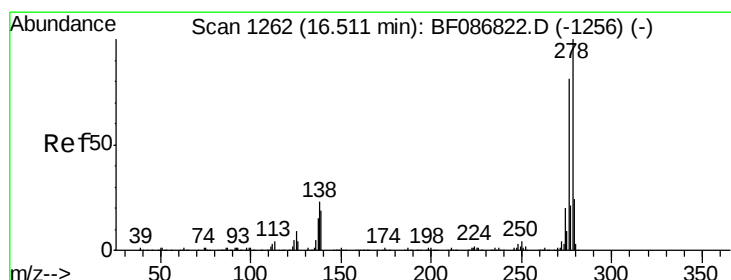
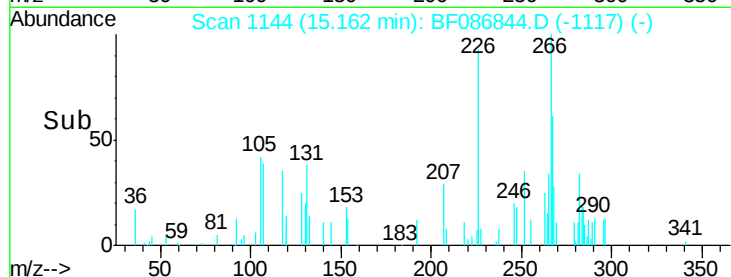
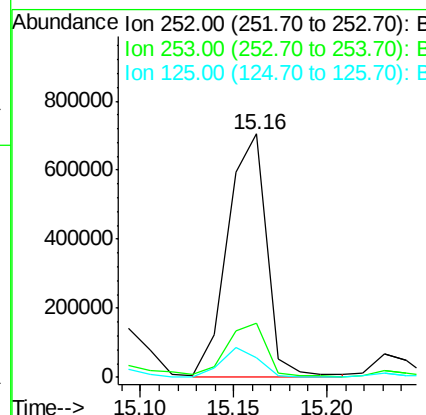
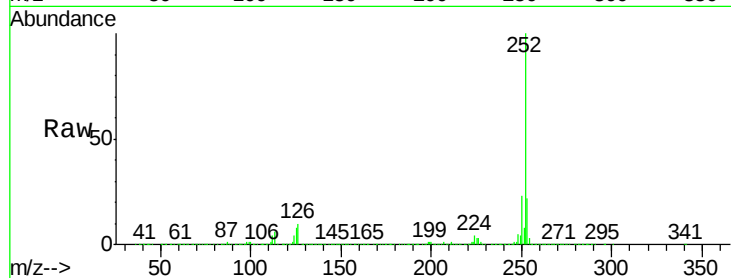




#89
Benzo(a)pyrene
Concen: 54.25 ng
RT: 15.16 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

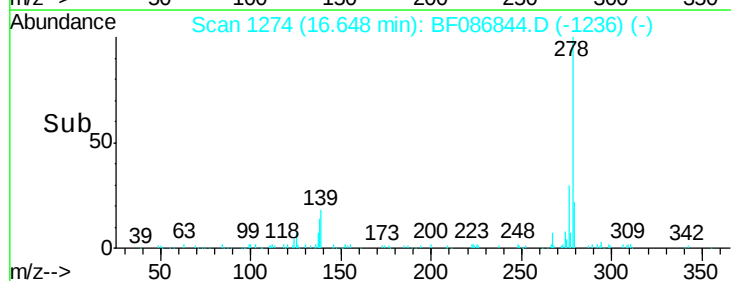
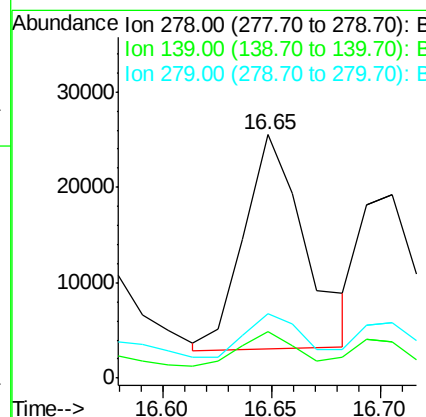
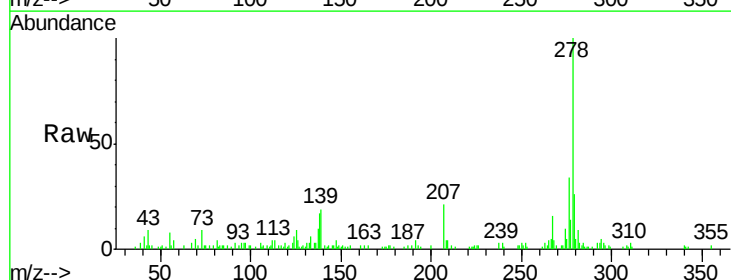
Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMS

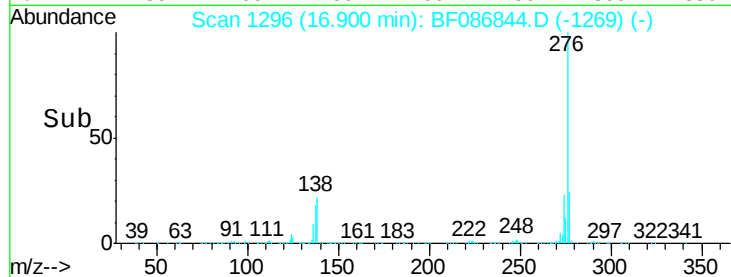
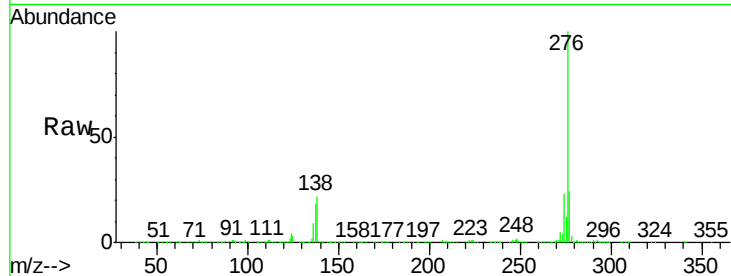
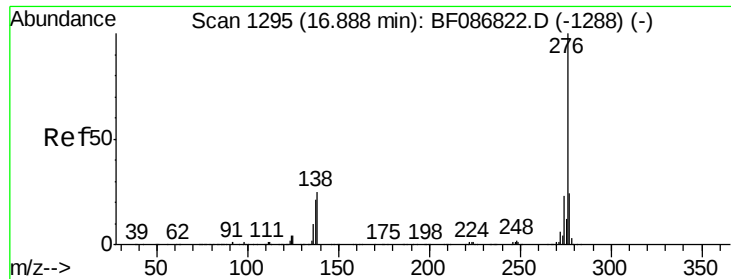
Tgt Ion:252 Resp: 1022327
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 8.1 9.0 13.6#



#90
Dibenzo(a,h)anthracene
Concen: 2.76 ng
RT: 16.65 min Scan# 1274
Delta R.T. 0.14 min
Lab File: BF086844.D
Acq: 10 May 2016 2:22

Tgt Ion:278 Resp: 43799
Ion Ratio Lower Upper
278 100
139 19.2 16.6 24.8
279 26.2 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 54.29 ng

RT: 16.90 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF086844.D

Acq: 10 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMS

Tgt Ion: 276 Resp: 876192

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 21.8 23.6 35.4#

