

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
 Data File : BF090187.D
 Acq On : 22 Sep 2016 4:22
 Operator : UM/SJ
 Sample : H4856-10MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Quant Time: Sep 22 04:56:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	102443	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	372180	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	182219	20.00	ng	-0.01
63) Phenanthrene-d10	11.02	188	263846	20.00	ng	-0.01
75) Chrysene-d12	13.63	240	197879	20.00	ng	0.00
86) Perylene-d12	14.96	264	154251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	1009819	160.67	ng	0.02
7) Phenol-d6	6.18	99	1146758	147.75	ng	0.01
23) Nitrobenzene-d5	7.08	82	690899	107.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	208778	133.55	ng	-0.01
44) 2-Fluorobiphenyl	8.88	172	1225660	132.05	ng	-0.01
78) Terphenyl-d14	12.59	244	811714	104.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	149293	43.78	ng	98
3) Pyridine	2.56	79	357772	48.38	ng	94
4) n-Nitrosodimethylamine	2.51	42	134184	60.80	ng	92
6) Aniline	6.17	93	181061	18.71	ng	# 75
8) 2-Chlorophenol	6.30	128	365173	50.50	ng	99
9) Benzaldehyde	6.04	77	39909	11.80	ng	99
10) Phenol	6.19	94	434121	47.31	ng	# 70
11) bis(2-Chloroethyl)ether	6.26	93	413425	57.78	ng	95
12) 1,3-Dichlorobenzene	6.46	146	402172	53.23	ng	# 95
13) 1,4-Dichlorobenzene	6.54	146	405785	52.61	ng	93
14) 1,2-Dichlorobenzene	6.54	146	401153	58.38	ng	98
15) Benzyl Alcohol	6.67	79	260203	56.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.81	45	409268	47.87	ng	71
17) 2-Methylphenol	6.80	107	287558	50.48	ng	94
18) Hexachloroethane	7.03	117	121457	44.15	ng	# 82
19) n-Nitroso-di-n-propylamine	6.95	70	254965	55.92	ng	95
20) 3+4-Methylphenols	6.96	107	395685	57.86	ng	93
22) Acetophenone	6.94	105	479742	53.45	ng	# 98
24) Nitrobenzene	7.11	77	393174	58.77	ng	93
25) Isophorone	7.36	82	701941	52.33	ng	# 92
26) 2-Nitrophenol	7.43	139	163711	49.70	ng	# 84
27) 2,4-Dimethylphenol	7.48	122	312582	53.41	ng	98
28) bis(2-Chloroethoxy)methane	7.58	93	475336	58.58	ng	99
29) 2,4-Dichlorophenol	7.68	162	275150	53.60	ng	98
30) 1,2,4-Trichlorobenzene	7.75	180	285745	55.73	ng	98
31) Naphthalene	7.83	128	1054230	59.49	ng	99
32) Benzoic acid	7.56	122	10420	2.59	ng	# 81
33) 4-Chloroaniline	7.88	127	105565	14.36	ng	97
34) Hexachlorobutadiene	7.95	225	159042	58.80	ng	98
35) Caprolactam	8.25	113	67801	39.90	ng	96
36) 4-Chloro-3-methylphenol	8.39	107	341197	58.81	ng	94
37) 2-Methylnaphthalene	8.51	142	663502	60.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	258523	61.81	ng	97
40) Hexachlorocyclopentadiene	8.67	237	39224	19.00	ng	97

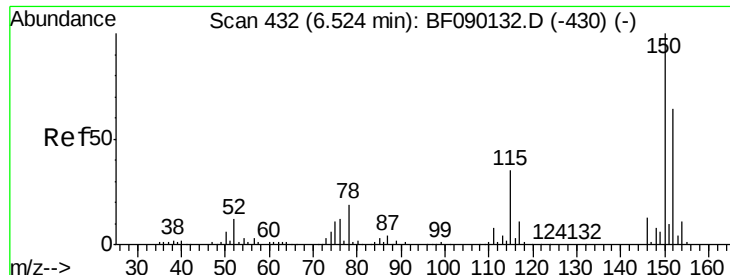
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
 Data File : BF090187.D
 Acq On : 22 Sep 2016 4:22
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 BNA_F
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 BH-8-1.5-2.5FTMSD

Quant Time: Sep 22 04:56:25 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	174507	58.55	ng	99
43) 2,4,5-Trichlorophenol	8.84	196	167976	54.43	ng #	83
45) 1,1'-Biphenyl	8.98	154	747359	57.33	ng	96
46) 2-Chloronaphthalene	9.00	162	604097	62.81	ng	92
47) 2-Nitroaniline	9.11	65	194022	66.91	ng #	82
48) Acenaphthylene	9.40	152	855490	54.77	ng	99
49) Dimethylphthalate	9.29	163	947124	81.61	ng	99
50) 2,6-Dinitrotoluene	9.35	165	136052	52.60	ng	94
51) Acenaphthene	9.58	154	498912	53.81	ng	99
52) 3-Nitroaniline	9.51	138	149504	49.30	ng	86
53) 2,4-Dinitrophenol	9.63	184	1034	3.84	ng #	30
54) Dibenzofuran	9.75	168	733757	60.14	ng	95
55) 4-Nitrophenol	9.70	139	170245	81.94	ng	93
56) 2,4-Dinitrotoluene	9.75	165	157151	51.38	ng	95
57) Fluorene	10.09	166	536298	58.33	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	122799	53.15	ng #	98
59) Diethylphthalate	9.99	149	693519	61.87	ng	98
60) 4-Chlorophenyl-phenylether	10.09	204	226552	54.03	ng	93
61) 4-Nitroaniline	10.12	138	163369	52.85	ng	98
62) Azobenzene	10.25	77	747943	64.11	ng	93
64) 4,6-Dinitro-2-methylphenol	10.16	198	3365	2.04	ng #	60
65) n-Nitrosodiphenylamine	10.22	169	527028	60.74	ng	99
66) 4-Bromophenyl-phenylether	10.57	248	147026	56.63	ng #	78
67) Hexachlorobenzene	10.64	284	172666	57.06	ng #	84
68) Atrazine	10.74	200	129685	54.55	ng	95
69) Pentachlorophenol	10.83	266	150794	87.80	ng	99
70) Phenanthrene	11.04	178	777625	63.02	ng	99
71) Anthracene	11.09	178	799781	61.80	ng	100
72) Carbazole	11.26	167	809943	59.20	ng	98
73) Di-n-butylphthalate	11.60	149	859594	54.03	ng	99
74) Fluoranthene	12.22	202	772885	58.35	ng	95
76) Benzidine	12.35	184	280996	42.43	ng	97
77) Pyrene	12.43	202	718752	53.08	ng	98
79) Butylbenzylphthalate	13.09	149	372251	56.20	ng	92
80) Benzo(a)anthracene	13.62	228	654567	61.48	ng	99
81) 3,3'-Dichlorobenzidine	13.60	252	189192	43.09	ng #	97
82) Chrysene	13.66	228	512716	49.44	ng	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	531579	62.72	ng	99
84) Di-n-octyl phthalate	14.25	149	929898	63.69	ng	99
85) Indeno(1,2,3-cd)pyrene	16.13	276	468146	55.83	ng	96
87) Benzo(b)fluoranthene	14.64	252	1081729	126.64	ng #	93
88) Benzo(k)fluoranthene	14.64	252	1082847	135.08	ng	100
89) Benzo(a)pyrene	14.90	252	477182	59.39	ng #	93
90) Dibenzo(a,h)anthracene	16.14	278	400578	63.89	ng #	95
91) Benzo(g,h,i)perylene	16.48	276	386725	63.02	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

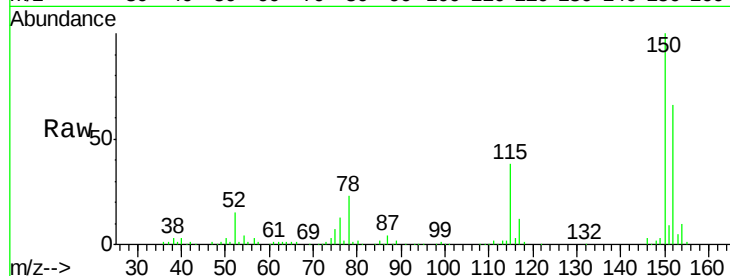
Tgt Ion:152 Resp: 102443

Ion Ratio Lower Upper

152 100

150 150.8 128.9 193.3

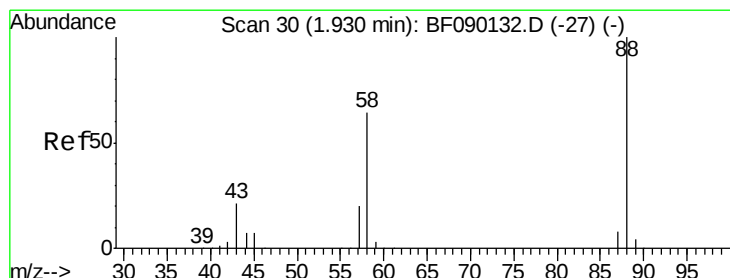
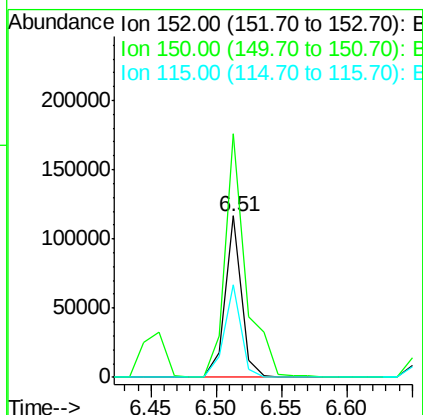
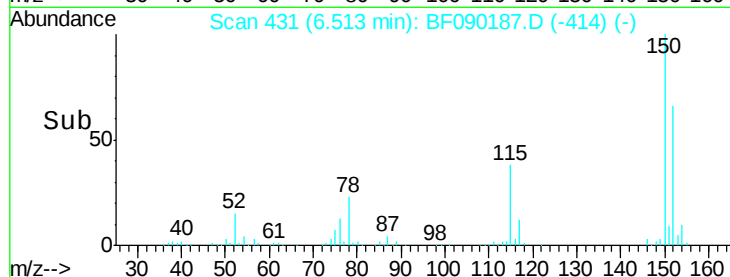
115 57.5 55.5 83.3



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: 43.78 ng

RT: 1.96 min Scan# 33

Delta R.T. 0.04 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

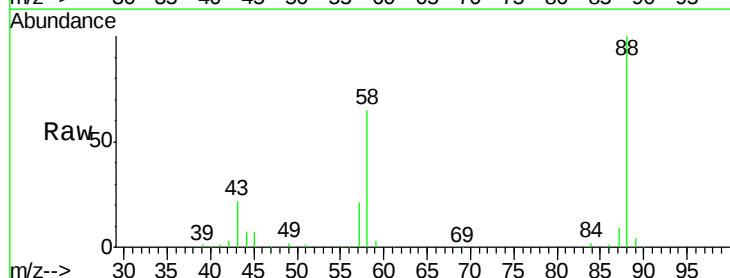
Tgt Ion: 88 Resp: 149293

Ion Ratio Lower Upper

88 100

58 65.9 53.4 80.0

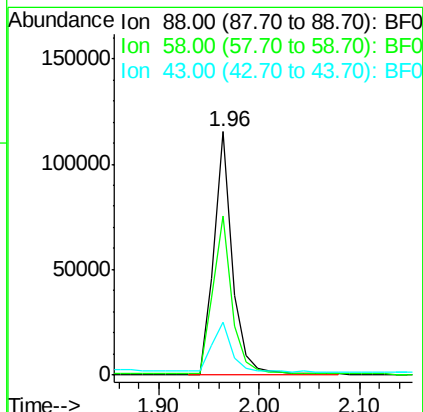
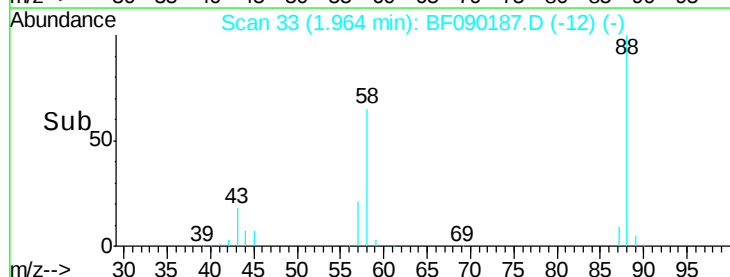
43 22.2 16.5 24.7

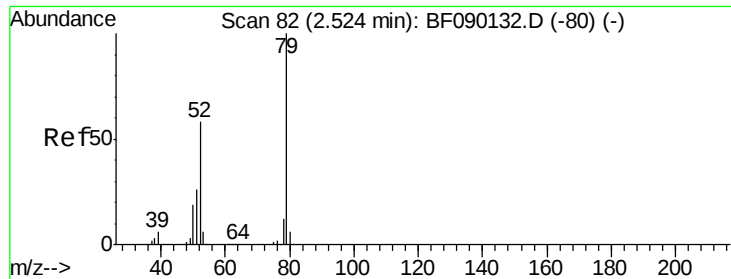


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

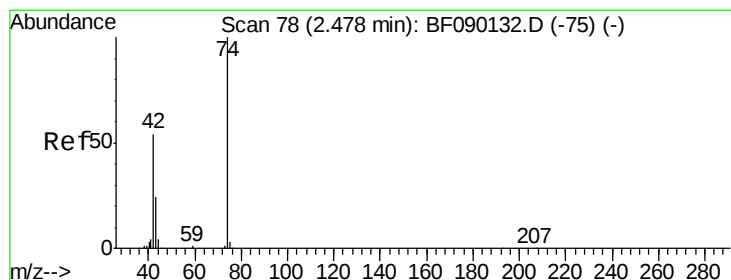
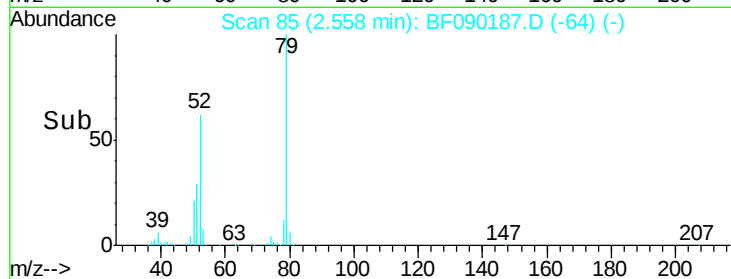
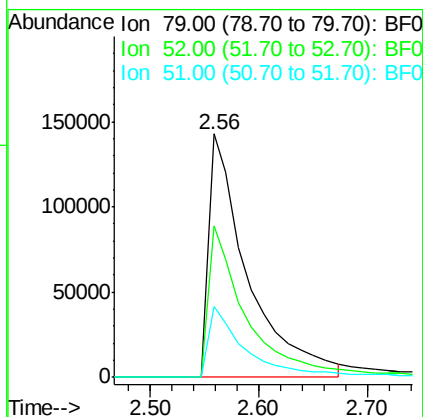
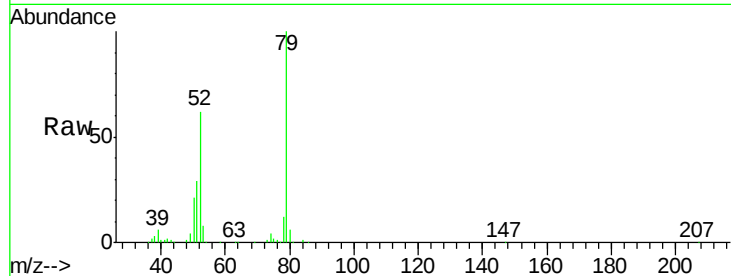




#3
 Pyridine
 Concen: 48.38 ng
 RT: 2.56 min Scan# 85
 Delta R.T. 0.03 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

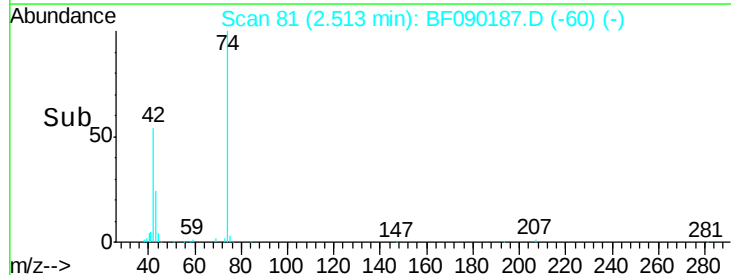
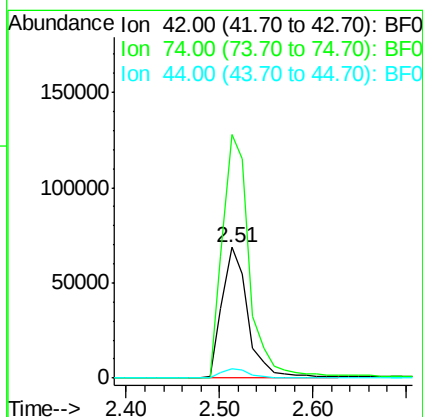
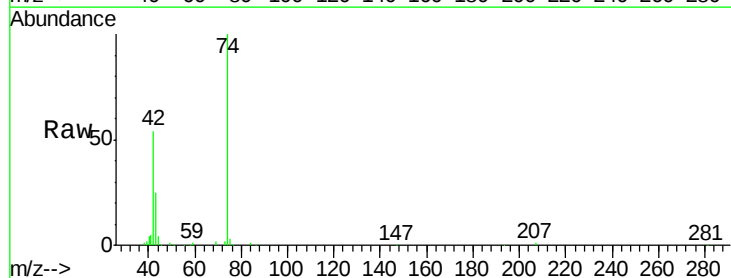
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

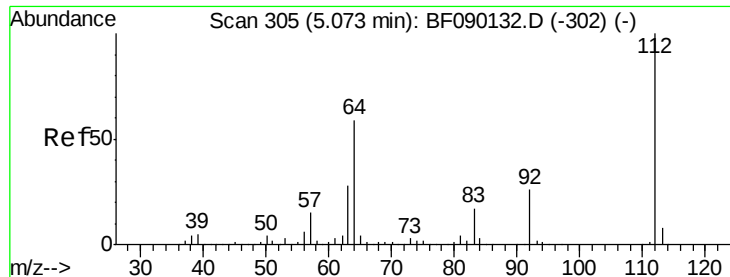
Tgt Ion: 79 Resp: 357772
 Ion Ratio Lower Upper
 79 100
 52 62.3 45.9 68.9
 51 29.2 21.3 31.9



#4
 n-Nitrosodimethylamine
 Concen: 60.80 ng
 RT: 2.51 min Scan# 81
 Delta R.T. 0.03 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion: 42 Resp: 134184
 Ion Ratio Lower Upper
 42 100
 74 186.5 158.7 238.1
 44 7.6 6.4 9.6





#5

2-Fluorophenol

Concen: 160.67 ng

RT: 5.10 min Scan# 307

Delta R.T. 0.02 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

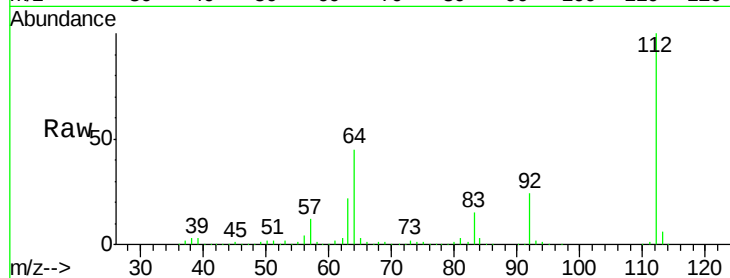
Tgt Ion: 112 Resp: 1009819

Ion Ratio Lower Upper

112 100

64 44.7 39.8 59.6

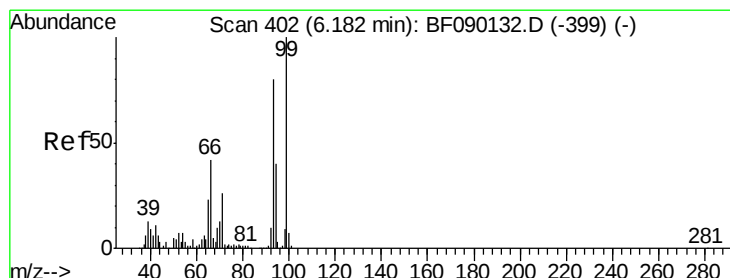
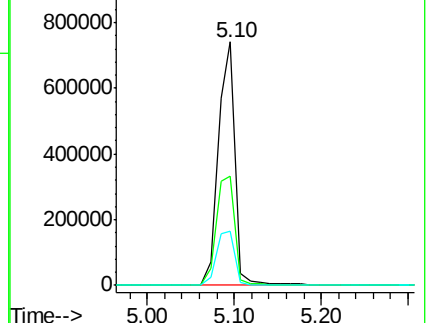
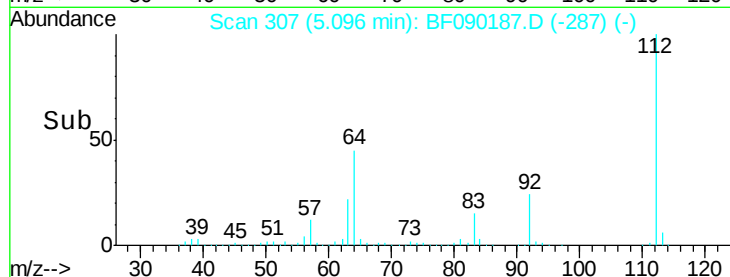
63 22.1 18.9 28.3



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: 18.71 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

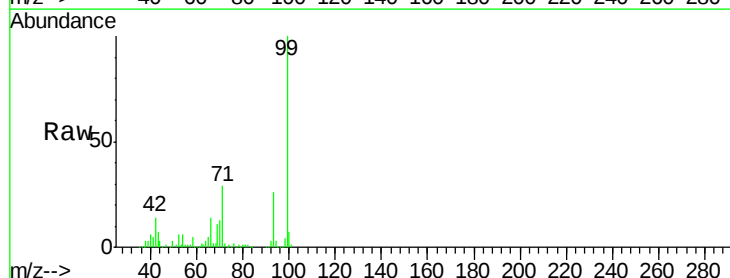
Tgt Ion: 93 Resp: 181061

Ion Ratio Lower Upper

93 100

66 52.0 54.2 81.2#

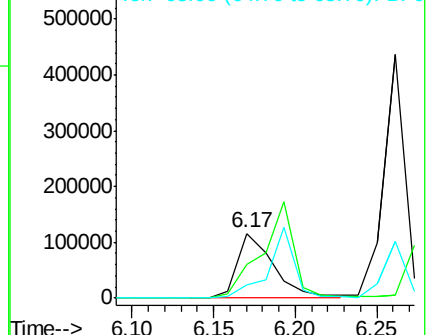
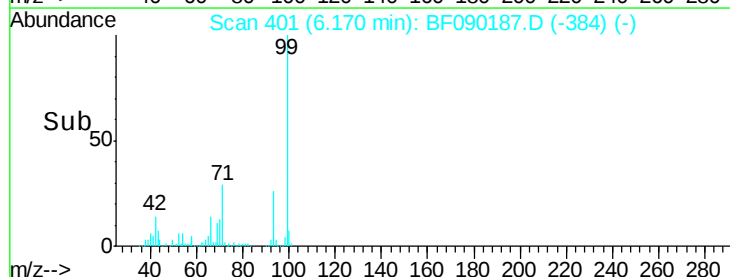
65 21.0 33.8 50.6#

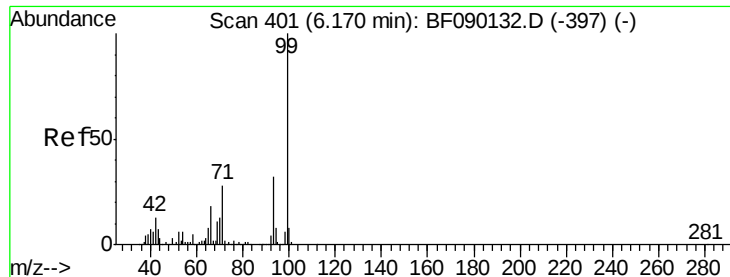


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.75 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

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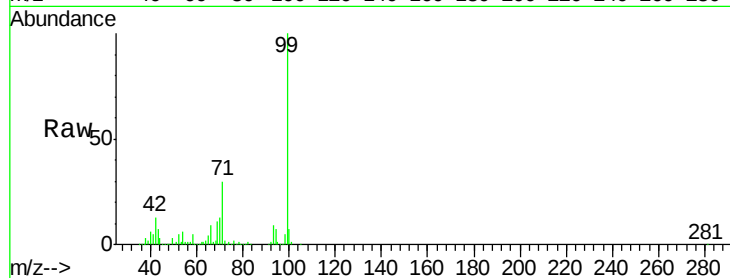
Tgt Ion: 99 Resp: 1146758

Ion Ratio Lower Upper

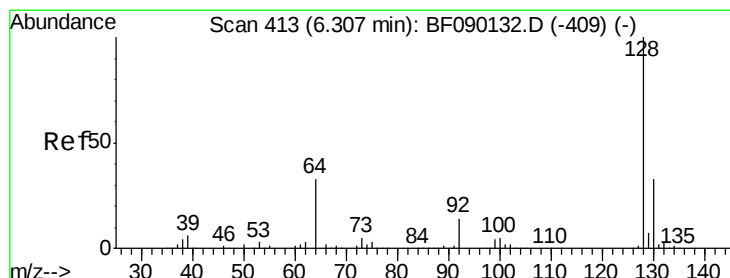
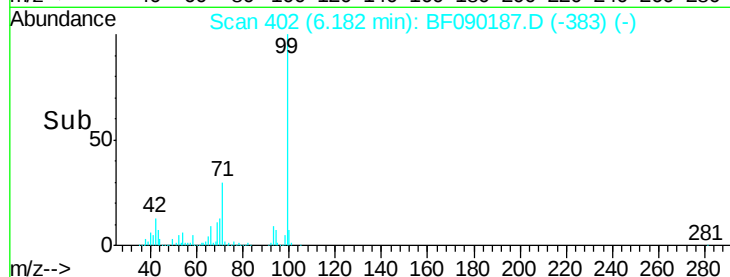
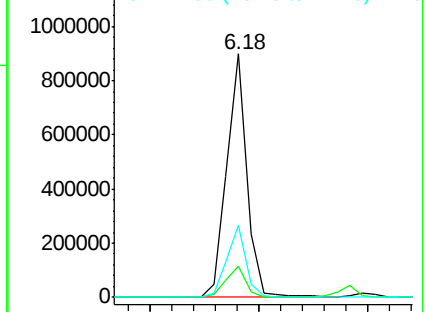
99 100

42 12.9 10.6 15.8

71 29.7 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.50 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

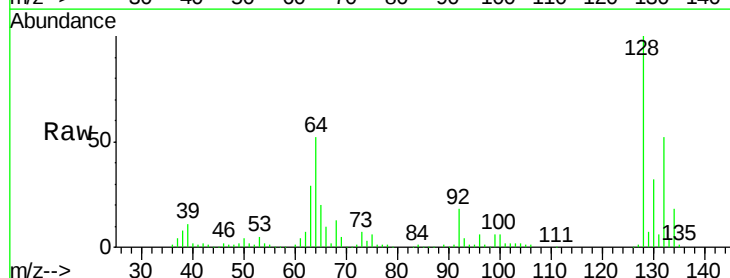
Tgt Ion: 128 Resp: 365173

Ion Ratio Lower Upper

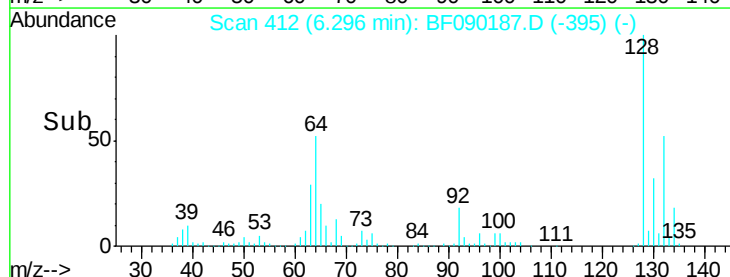
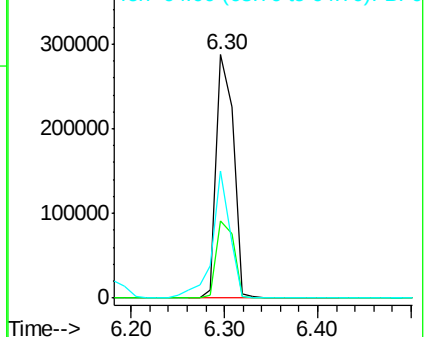
128 100

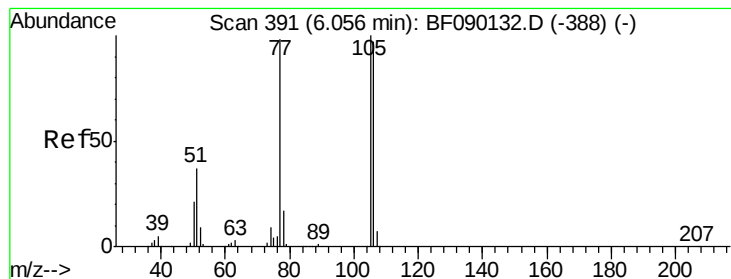
130 31.6 12.0 52.0

64 52.2 33.6 73.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.80 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

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ClientSampleId :

BH-8-1.5-2.5FTMSD

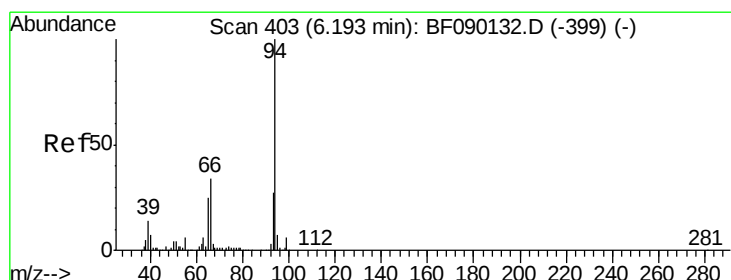
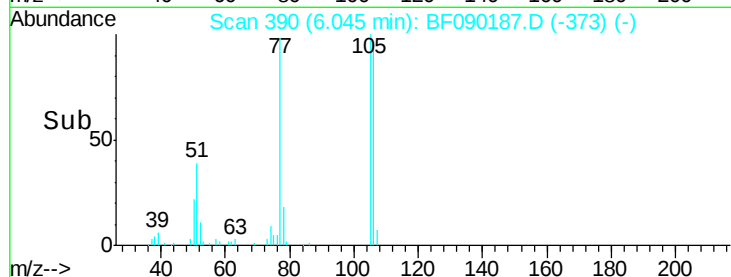
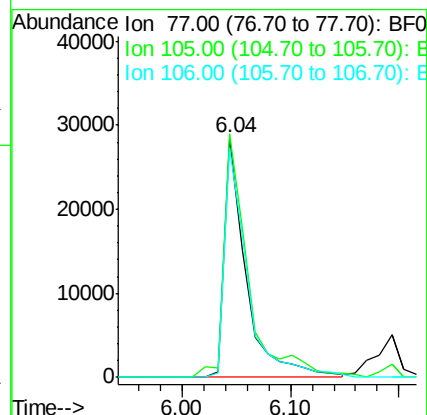
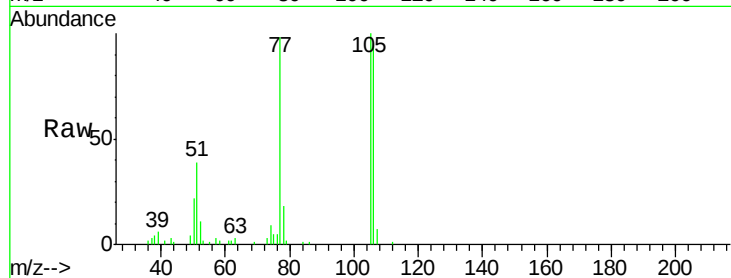
Tgt Ion: 77 Resp: 39909

Ion Ratio Lower Upper

77 100

105 102.0 83.0 123.0

106 96.5 78.5 118.5



#10

Phenol

Concen: 47.31 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

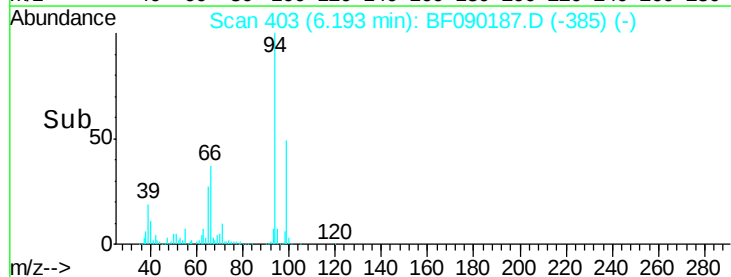
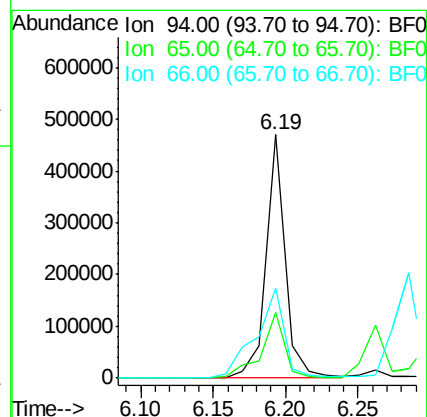
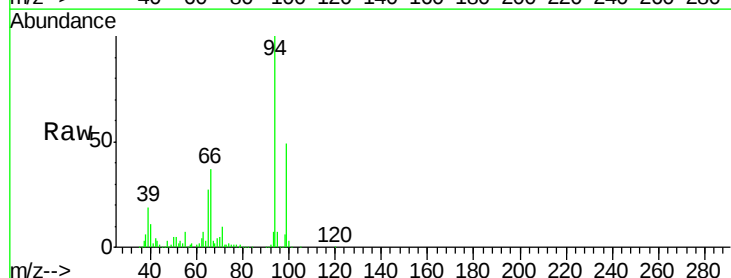
Tgt Ion: 94 Resp: 434121

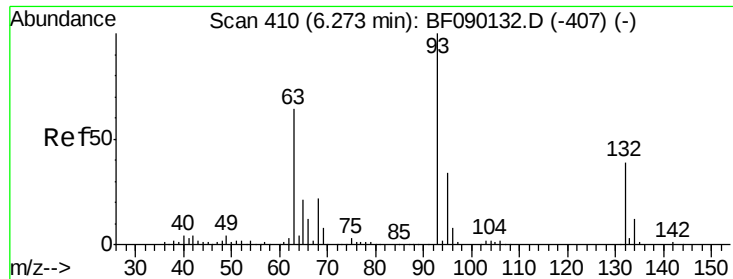
Ion Ratio Lower Upper

94 100

65 27.0 20.6 60.6

66 36.9 45.1 85.1#

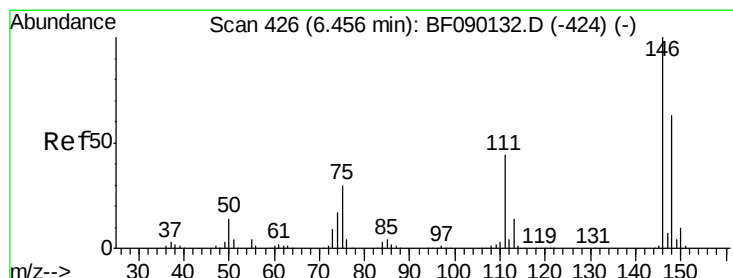
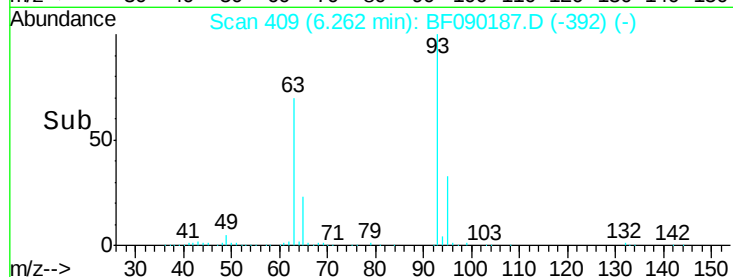
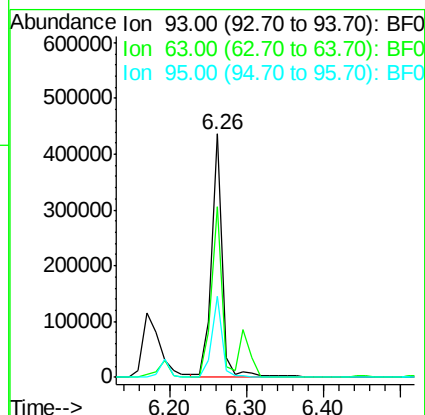
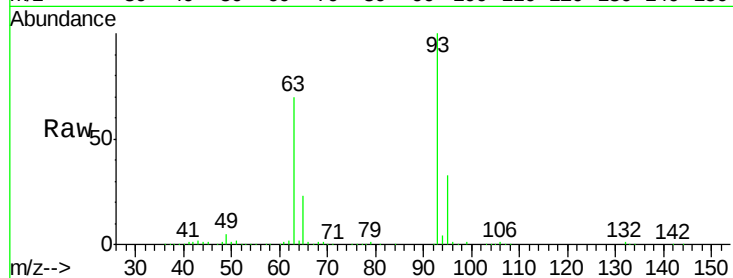




#11
bis(2-Chloroethyl)ether
Concen: 57.78 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

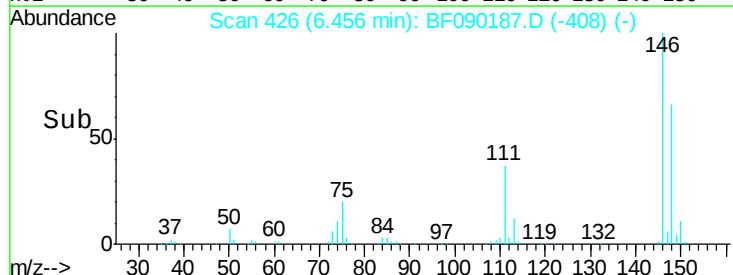
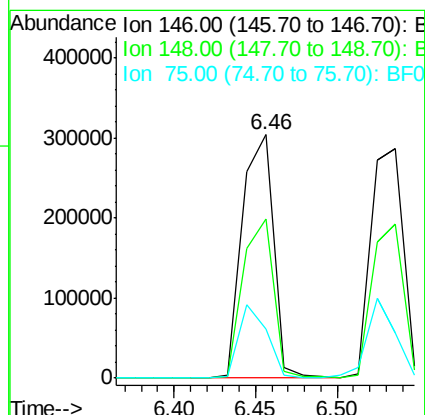
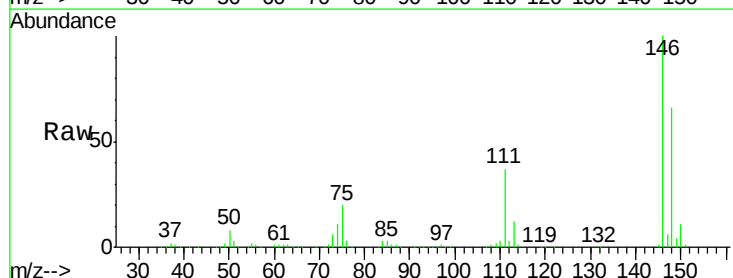
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

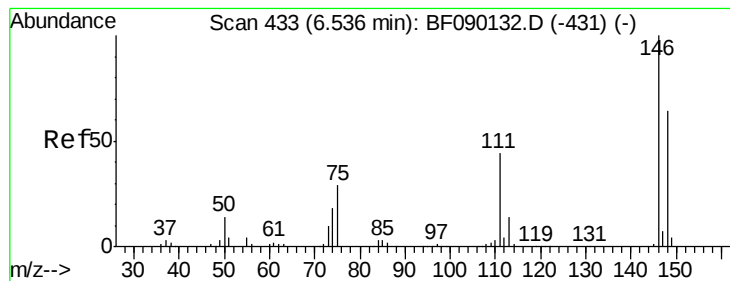
Tgt Ion: 93 Resp: 413425
Ion Ratio Lower Upper
93 100
63 70.0 55.6 95.6
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 53.23 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Tgt Ion: 146 Resp: 402172
Ion Ratio Lower Upper
146 100
148 65.6 51.9 77.9
75 20.2 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 52.61 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

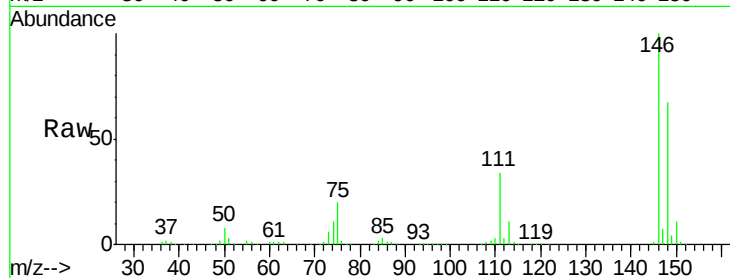
Tgt Ion:146 Resp: 405785

Ion Ratio Lower Upper

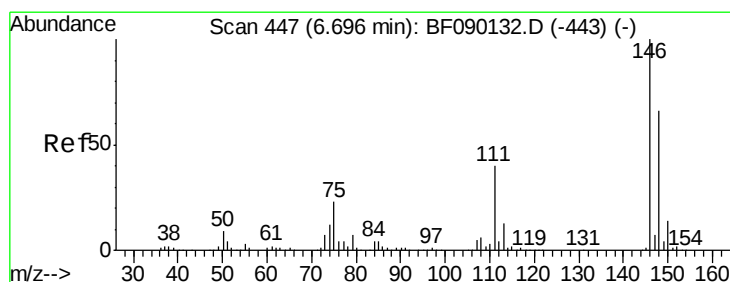
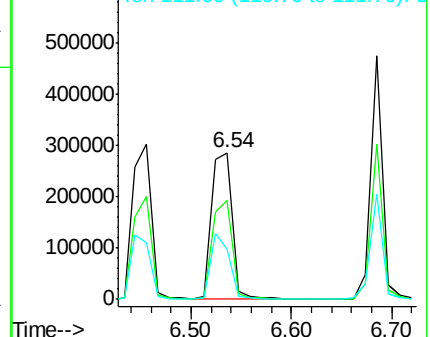
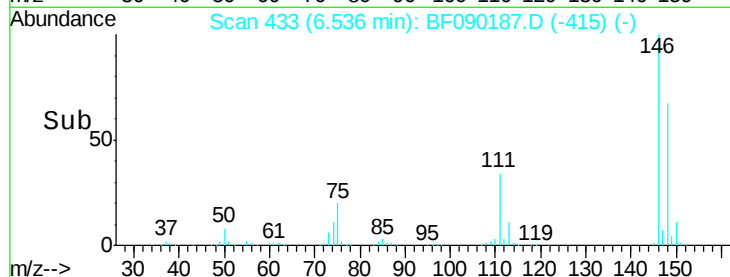
146 100

148 67.1 52.0 78.0

111 34.2 33.8 50.6



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: 58.38 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.16 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

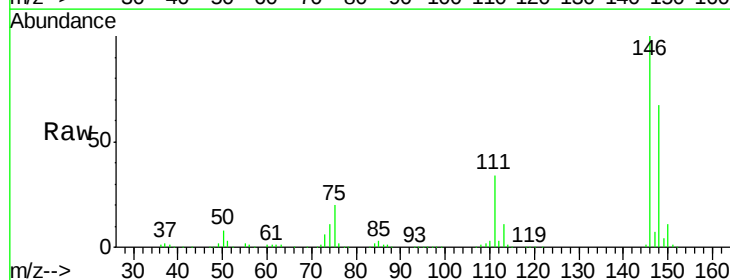
Tgt Ion:146 Resp: 401153

Ion Ratio Lower Upper

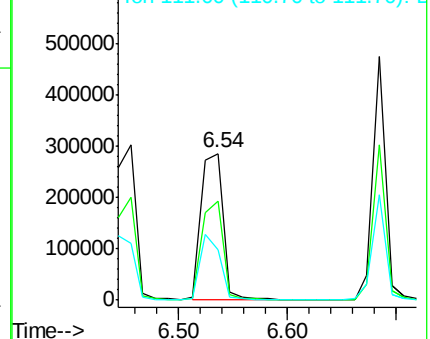
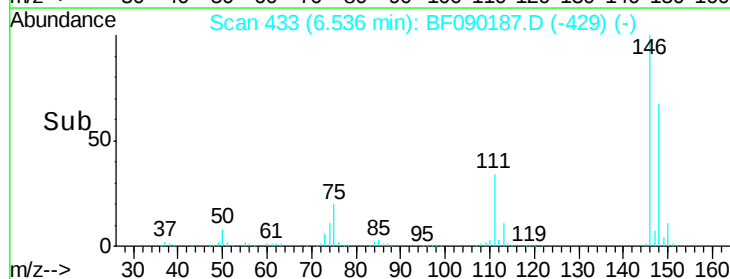
146 100

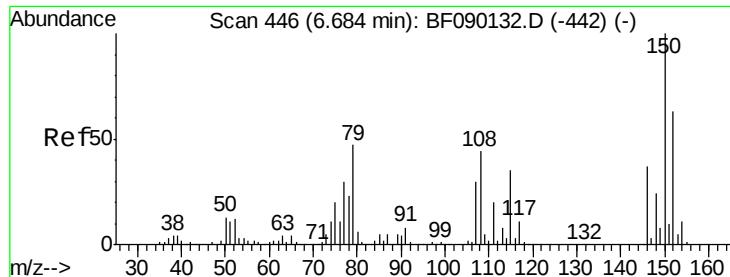
148 67.1 52.6 79.0

111 34.2 28.2 42.2



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: 56.22 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

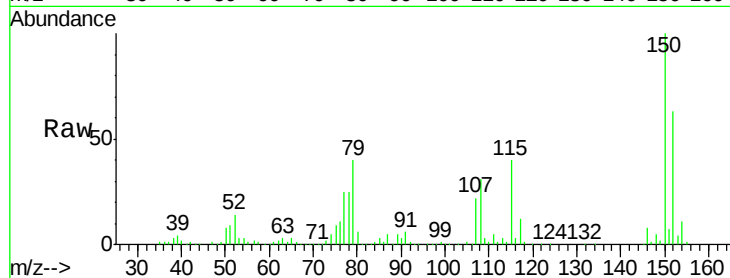
Tgt Ion: 79 Resp: 260203

Ion Ratio Lower Upper

79 100

108 78.0 62.2 93.4

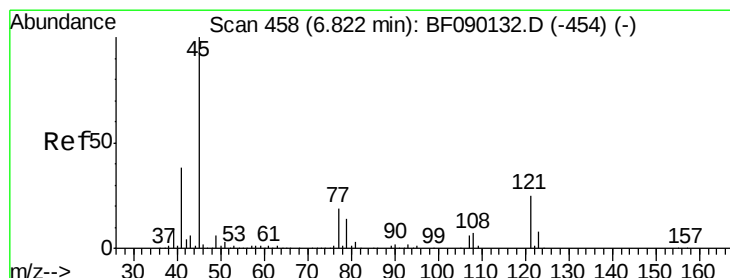
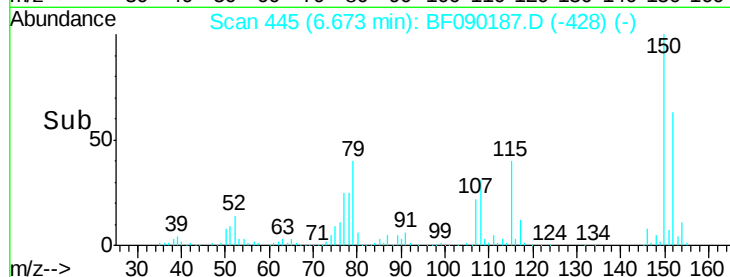
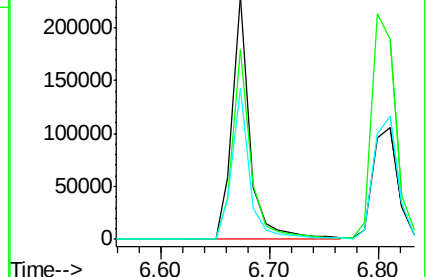
77 62.0 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.87 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

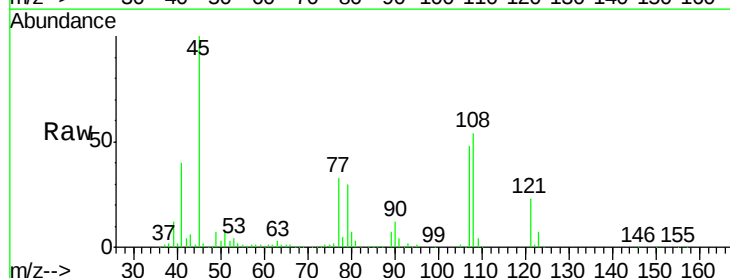
Tgt Ion: 45 Resp: 409268

Ion Ratio Lower Upper

45 100

77 33.2 0.5 40.5

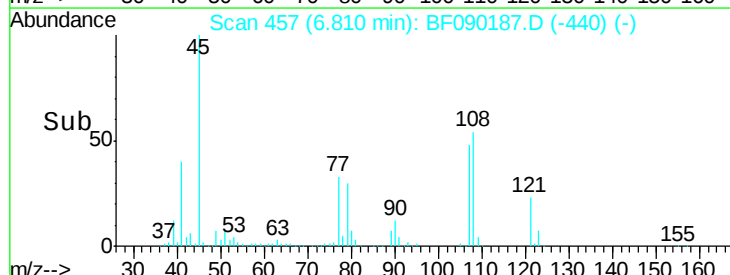
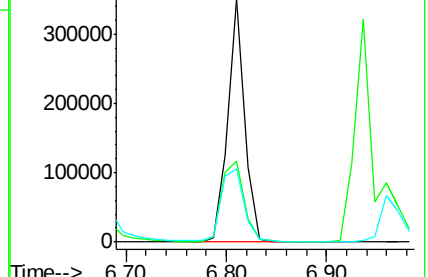
79 30.0 0.0 37.0

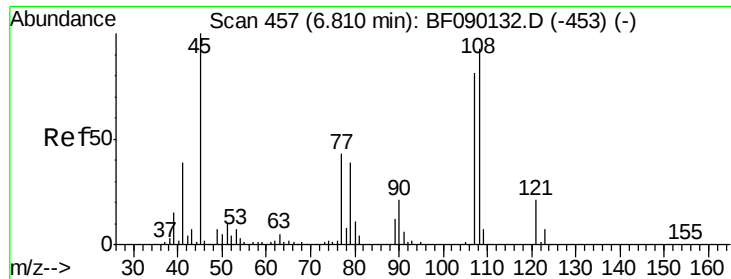


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

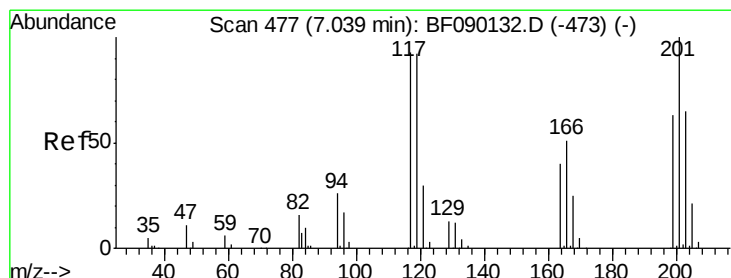
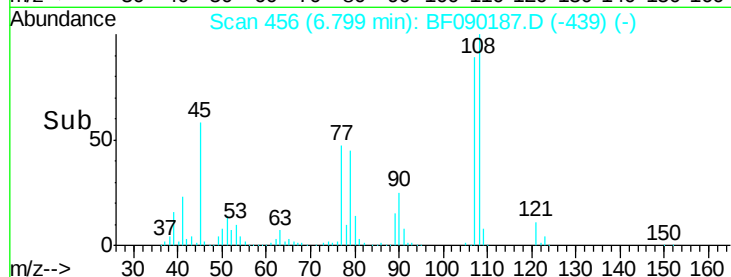
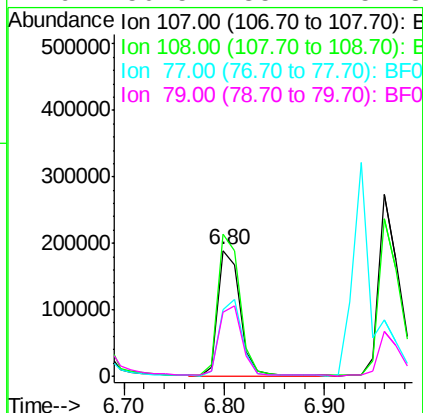
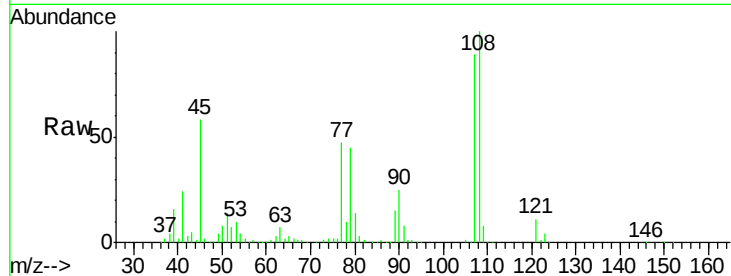




#17
2-Methylphenol
Concen: 50.48 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

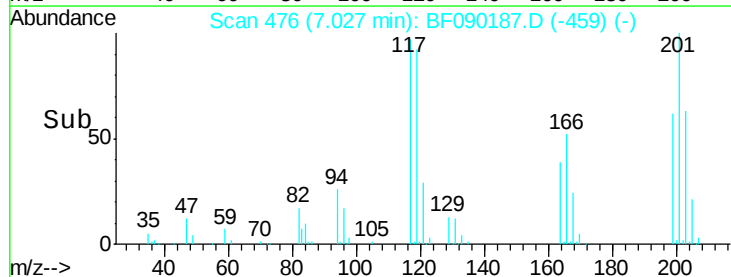
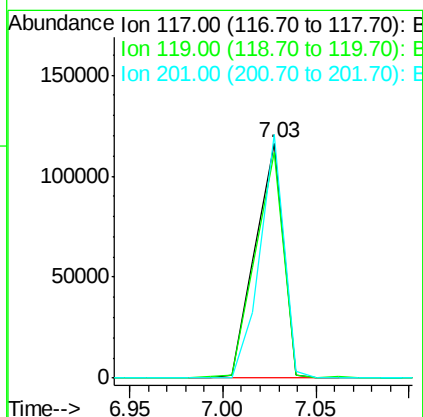
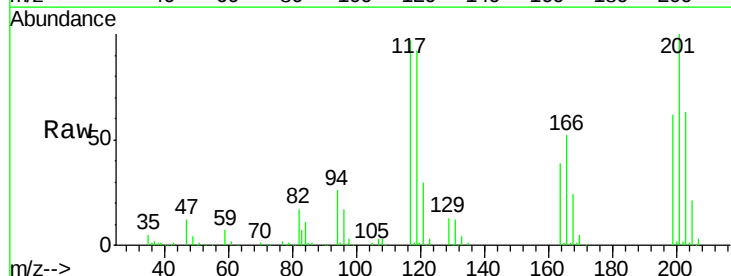
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

Tgt Ion:	107	Resp:	287558
Ion	Ratio	Lower	Upper
107	100		
108	113.0	92.0	138.0
77	52.9	35.6	53.4
79	50.5	35.2	52.8



#18
Hexachloroethane
Concen: 44.15 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Tgt Ion:	117	Resp:	121457
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	115.0
201	103.6	55.5	83.3#

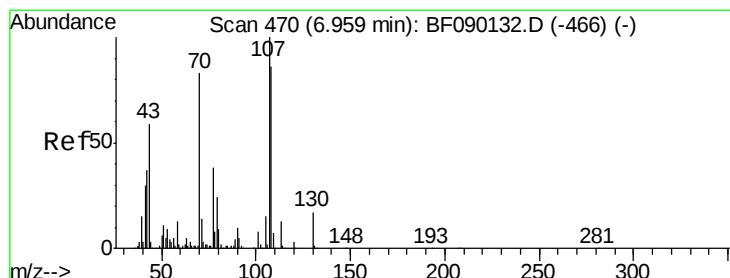
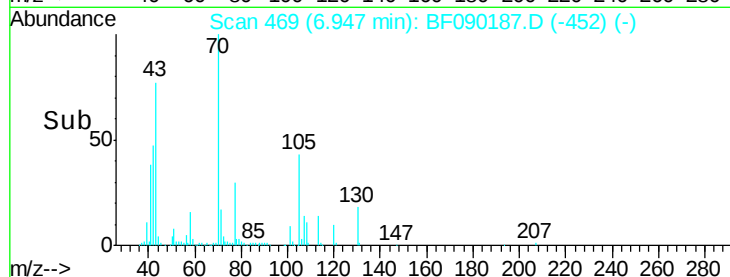
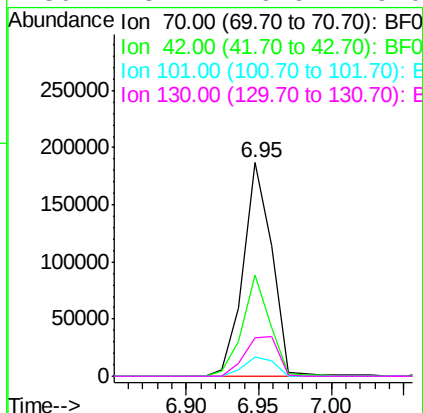
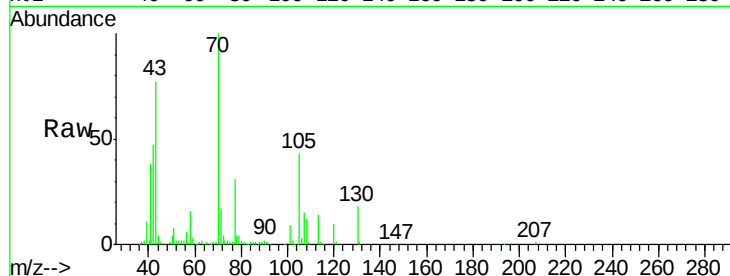




#19
n-Nitroso-di-n-propylamine
Concen: 55.92 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

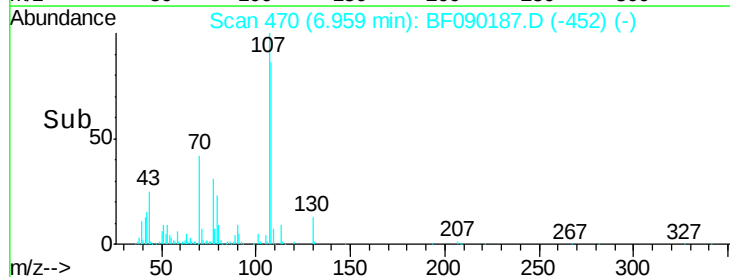
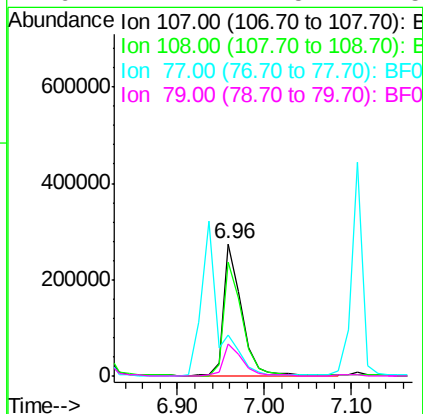
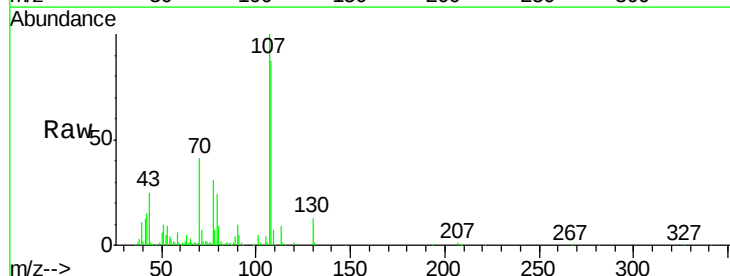
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

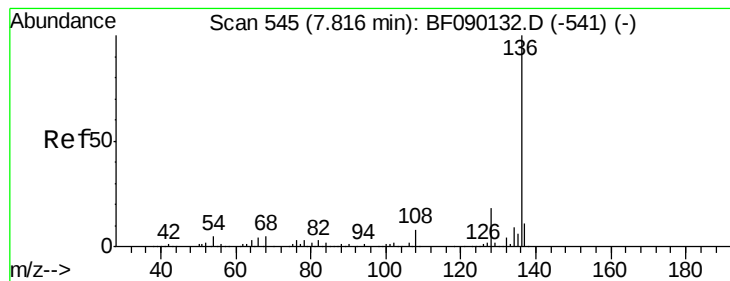
Tgt Ion:	70	Resp:	254965
Ion	Ratio	Lower	Upper
70	100		
42	47.5	35.1	52.7
101	9.0	7.5	11.3
130	18.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 57.86 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Tgt Ion:	107	Resp:	395685
Ion	Ratio	Lower	Upper
107	100		
108	86.5	73.3	113.3
77	31.0	14.1	54.1
79	24.2	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

Tgt Ion:136 Resp: 372180

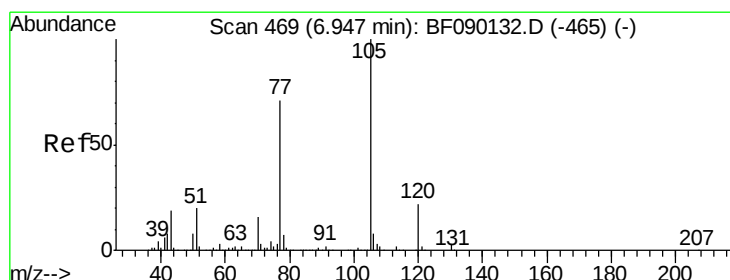
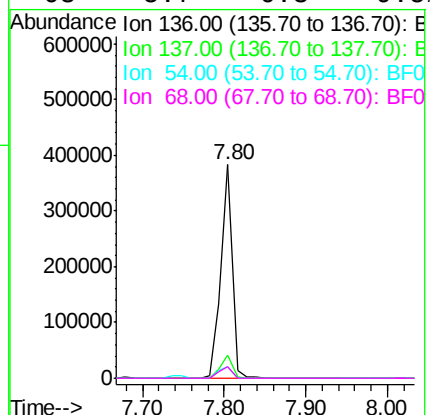
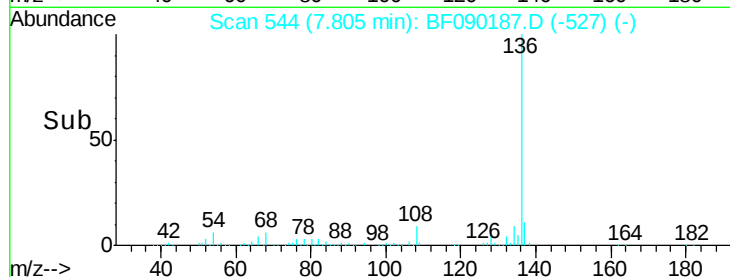
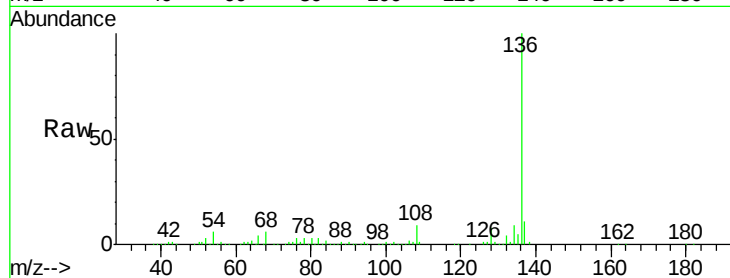
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.7 6.4 9.6#

68 5.7 6.3 9.5#



#22

Acetophenone

Concen: 53.45 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Tgt Ion:105 Resp: 479742

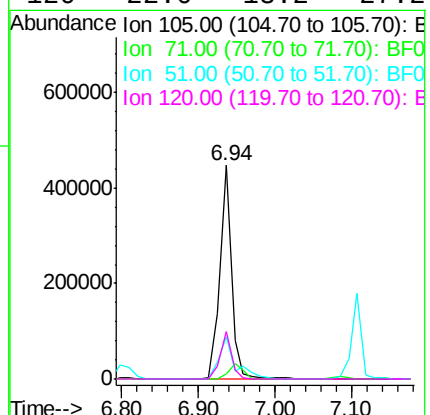
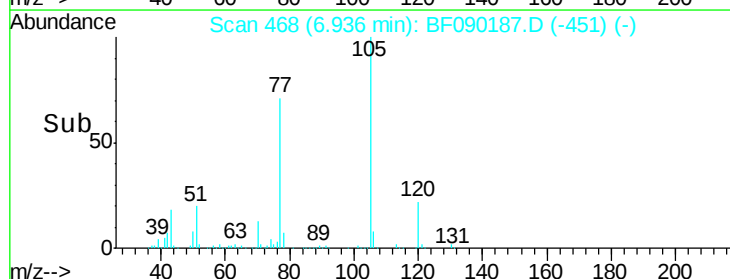
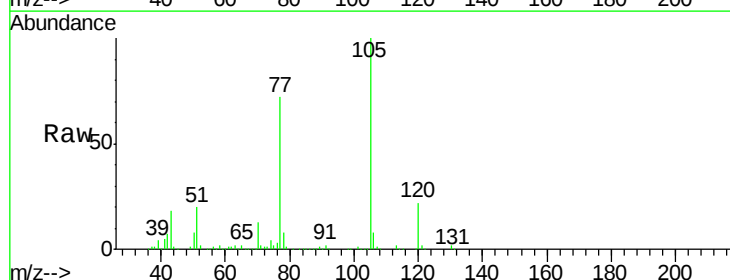
Ion Ratio Lower Upper

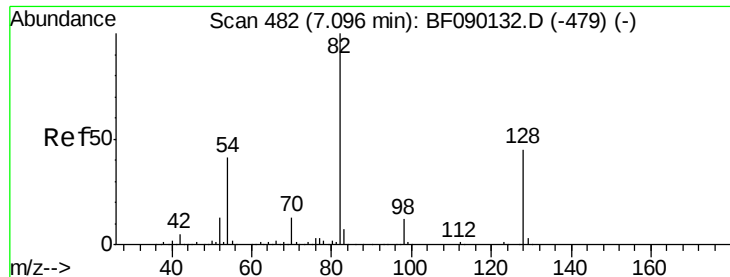
105 100

71 2.3 4.1 6.1#

51 20.0 16.2 24.2

120 22.0 18.2 27.2

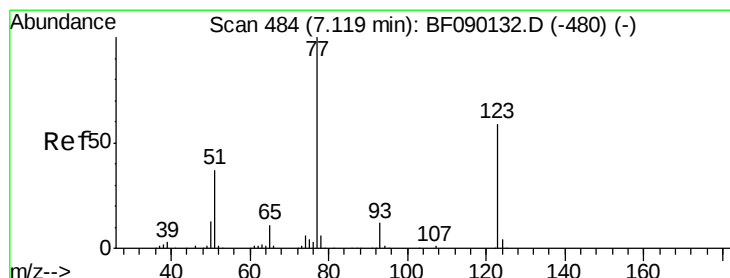
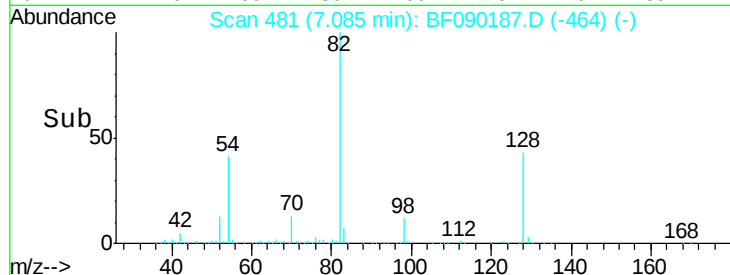
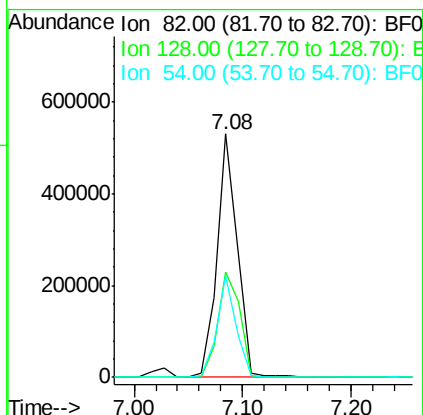
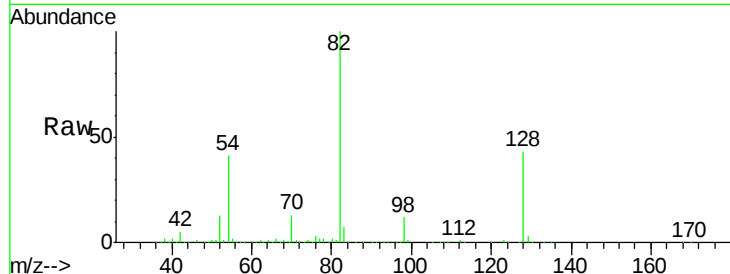




#23
 Nitrobenzene-d5
 Concen: 107.61 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

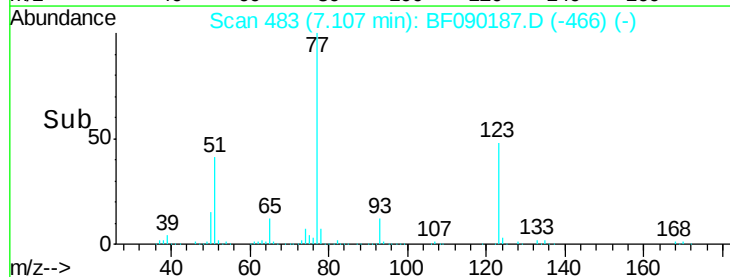
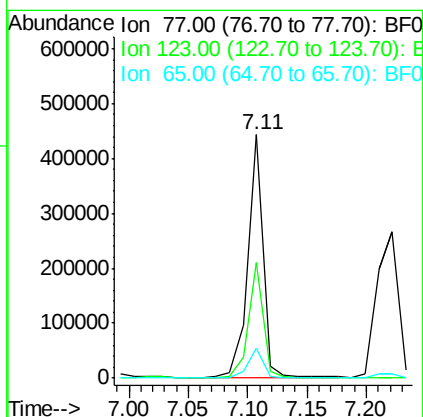
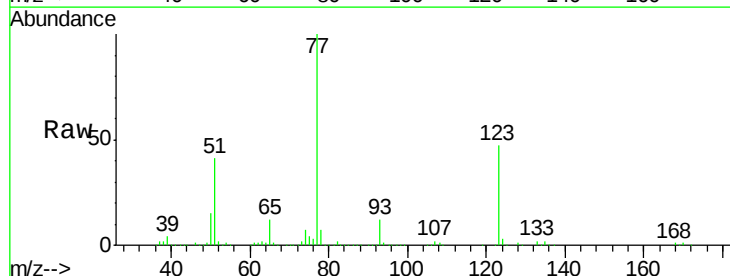
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

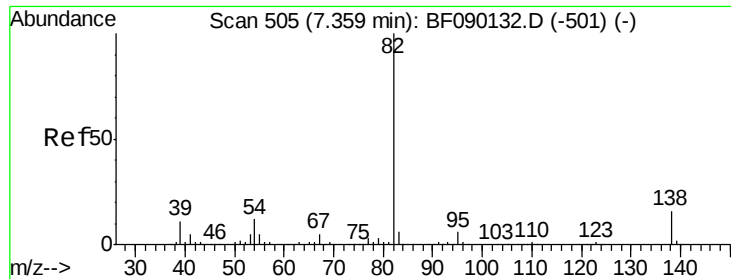
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.5	56.3
54	41.5	31.9	47.9



#24
 Nitrobenzene
 Concen: 58.77 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	33.4	50.2
65	12.2	10.1	15.1





#25

Isophorone

Concen: 52.33 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

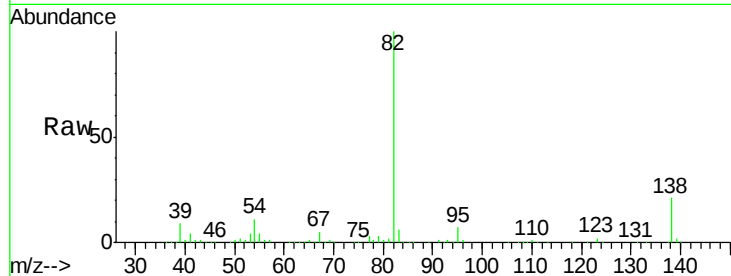
Tgt Ion: 82 Resp: 701941

Ion Ratio Lower Upper

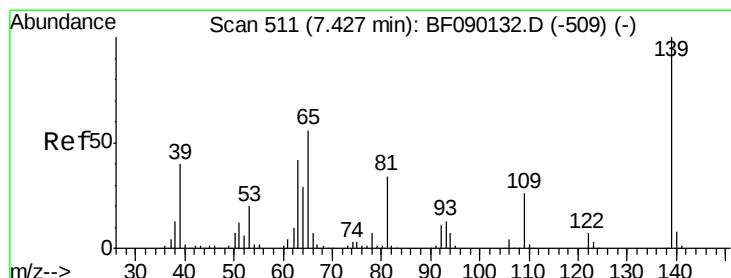
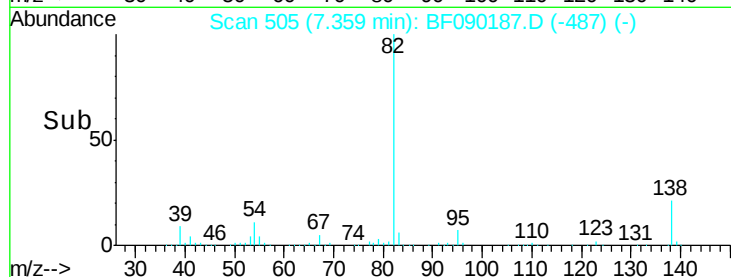
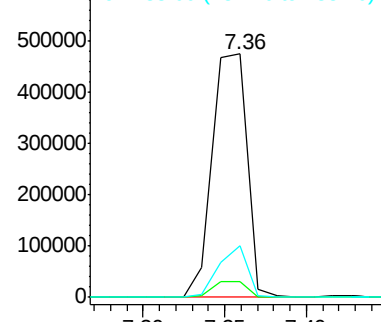
82 100

95 6.7 5.1 7.7

138 21.3 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.70 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

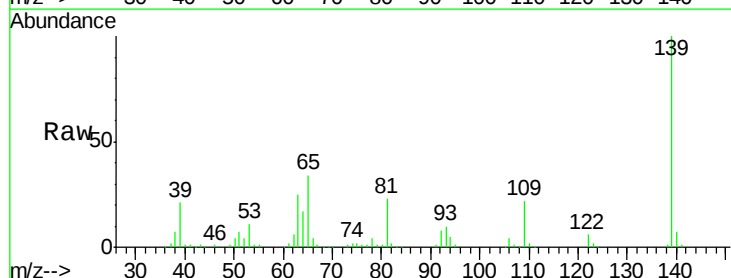
Tgt Ion: 139 Resp: 163711

Ion Ratio Lower Upper

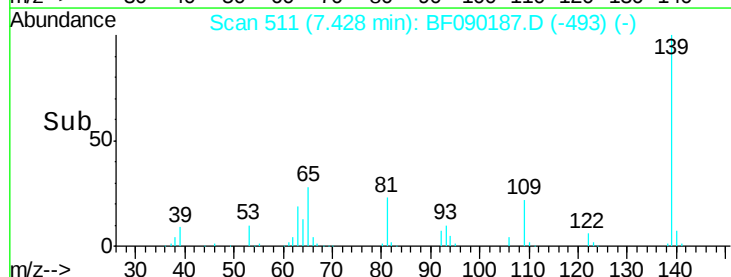
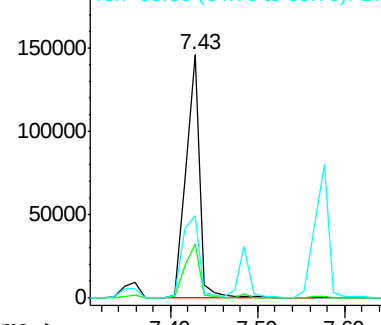
139 100

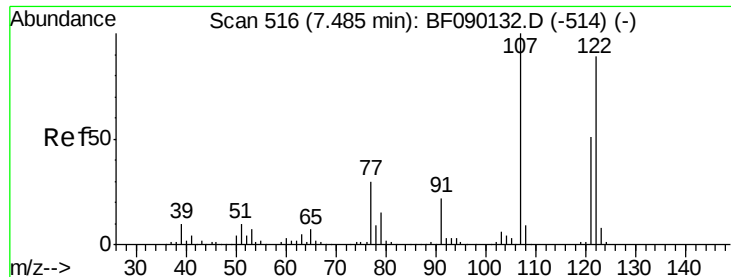
109 22.3 20.5 30.7

65 33.7 37.9 56.9#



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

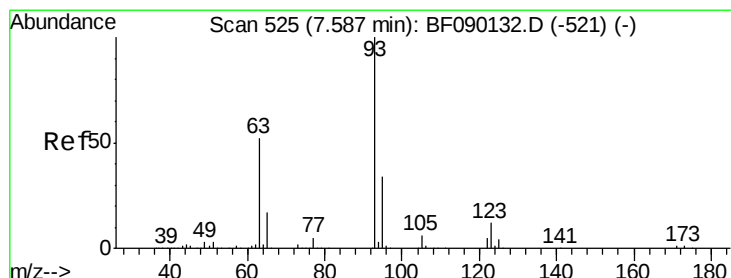
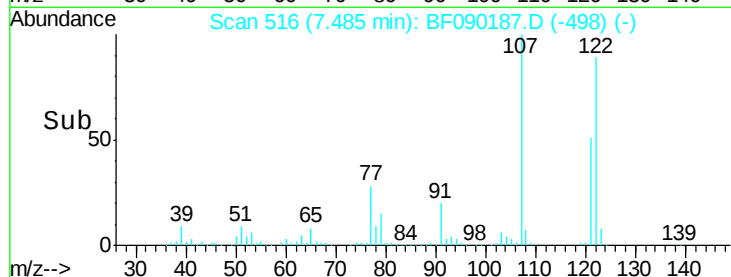
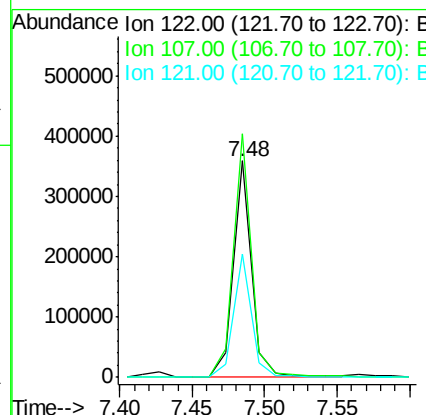
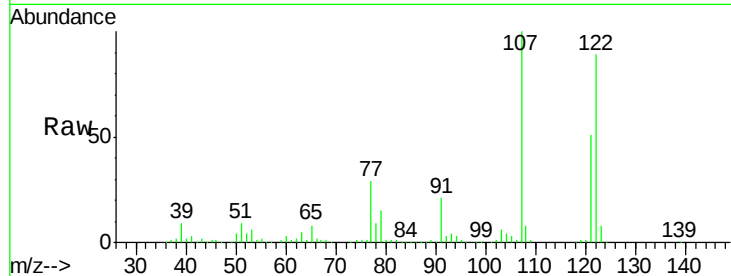




#27
 2,4-Dimethylphenol
 Concen: 53.41 ng
 RT: 7.48 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

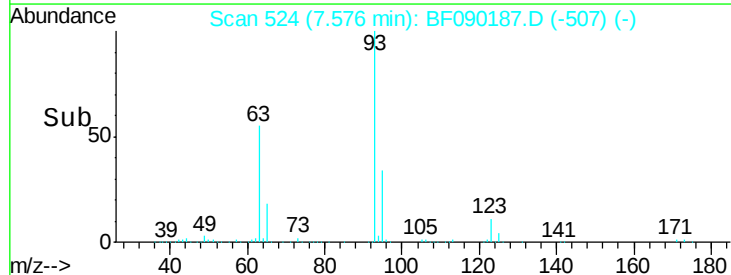
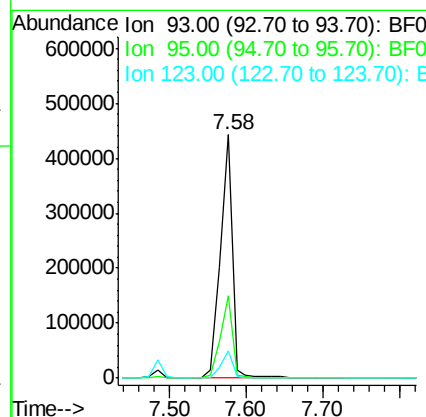
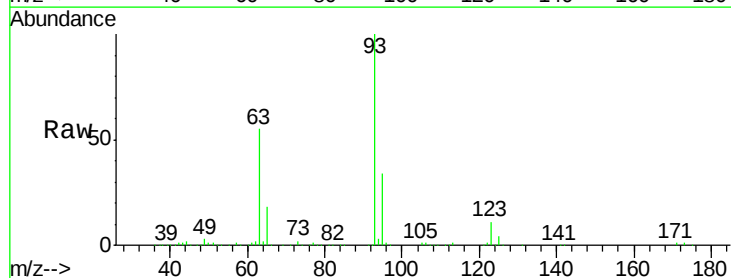
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

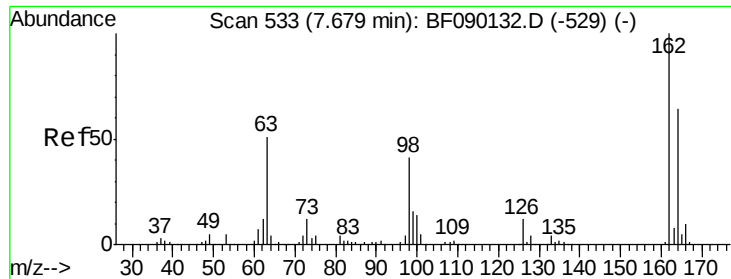
Tgt Ion: 122 Resp: 312582
 Ion Ratio Lower Upper
 122 100
 107 112.6 87.8 131.6
 121 57.0 45.7 68.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 58.58 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion: 93 Resp: 475336
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.8 40.2
 123 11.4 8.5 12.7

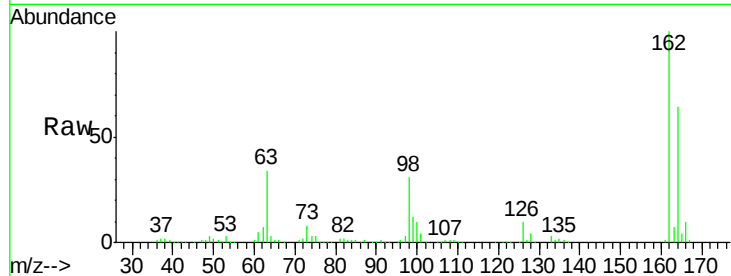




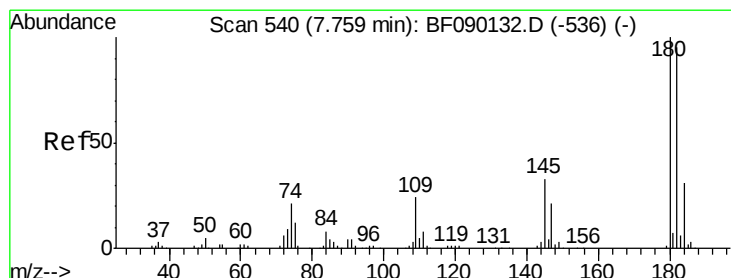
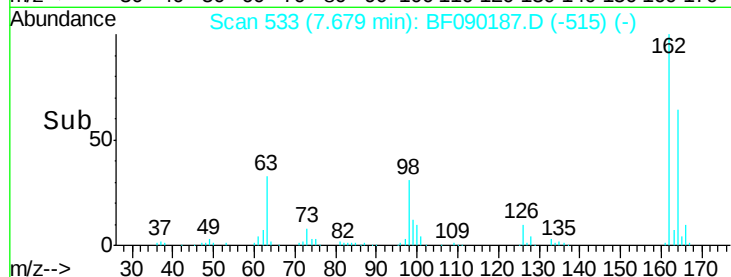
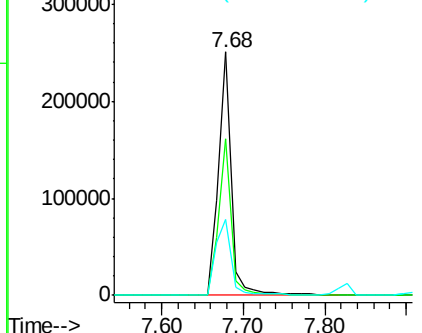
#29
 2,4-Dichlorophenol
 Concen: 53.60 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.2	86.2
98	31.4	10.4	50.4

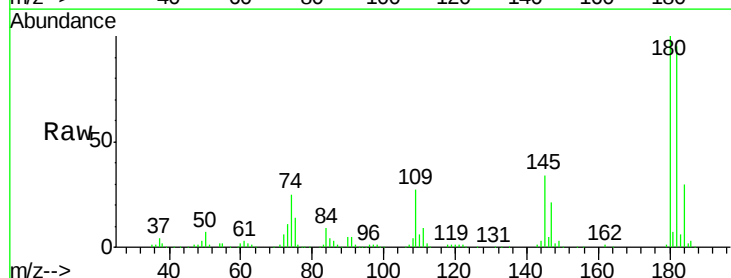


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

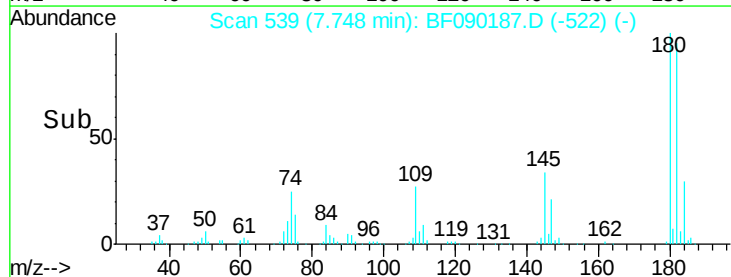
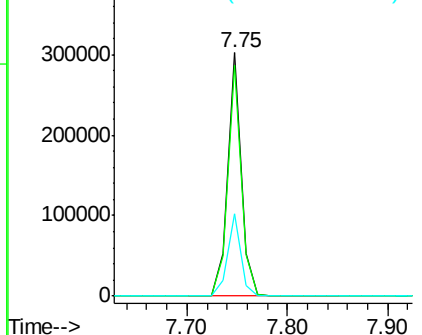


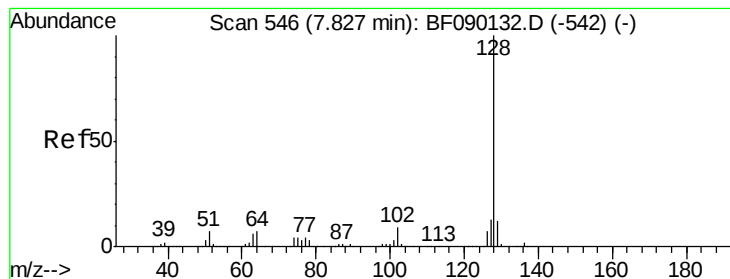
#30
 1,2,4-Trichlorobenzene
 Concen: 55.73 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.0	112.6
145	33.8	28.6	42.8



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: 59.49 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

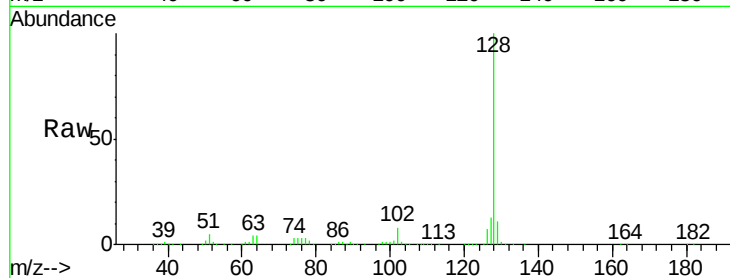
Tgt Ion:128 Resp: 1054230

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

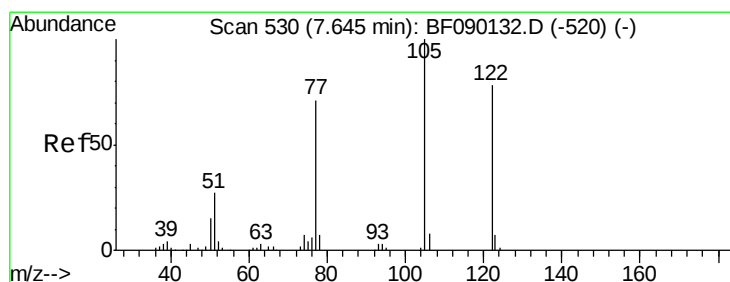
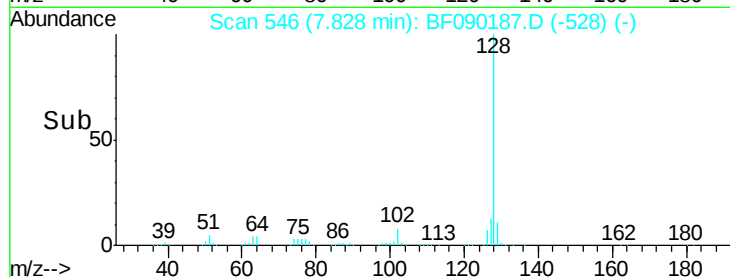
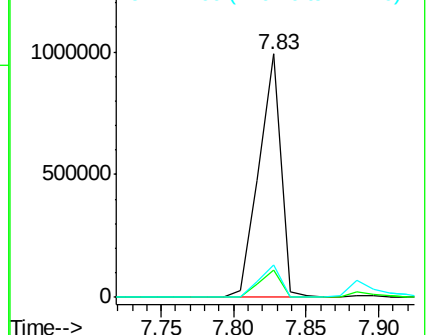
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.59 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.08 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

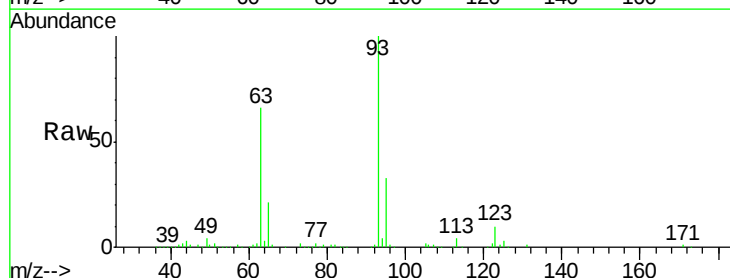
Tgt Ion:122 Resp: 10420

Ion Ratio Lower Upper

122 100

105 95.2 105.0 145.0#

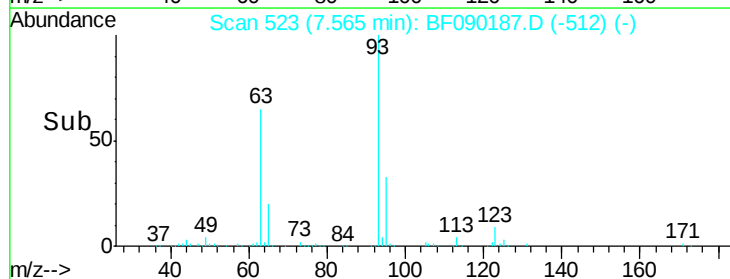
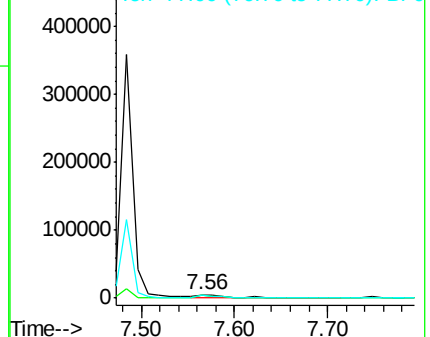
77 82.4 70.4 110.4

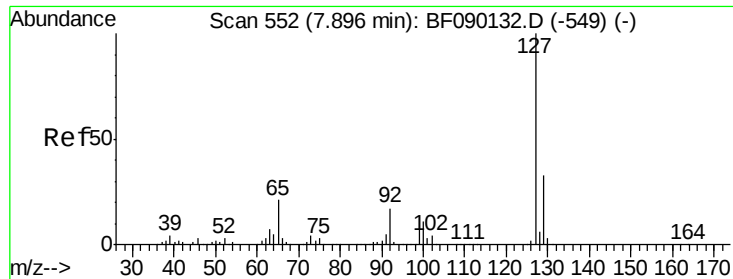


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

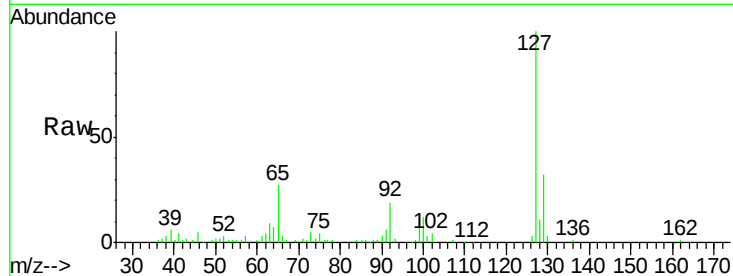




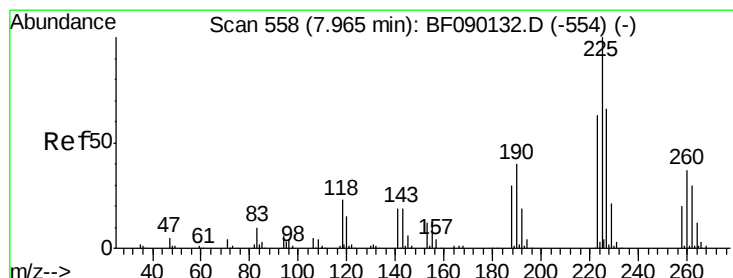
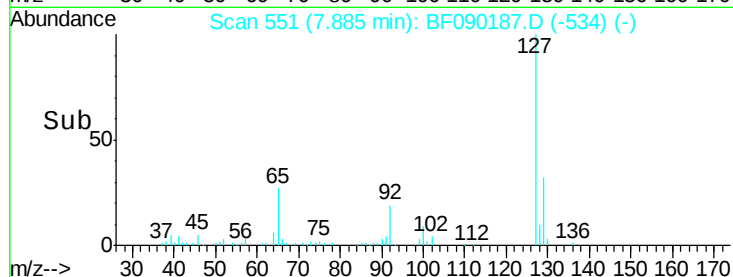
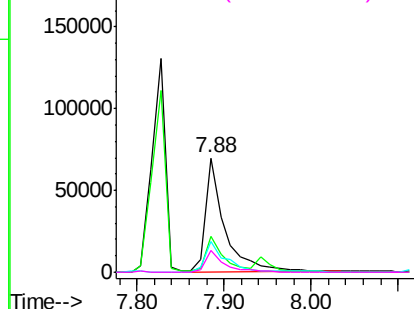
#33
4-Chloroaniline
Concen: 14.36 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

Tgt Ion:	127	Resp:	105565
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	27.3	24.1	36.1
92	18.6	16.3	24.5

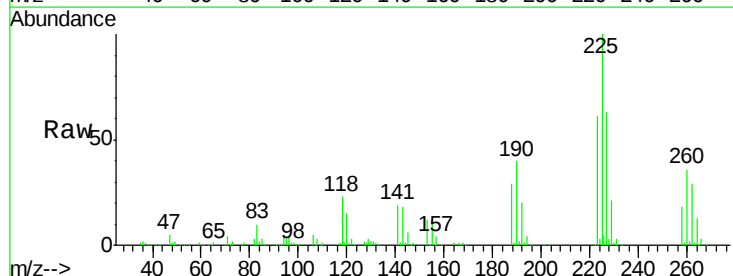


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

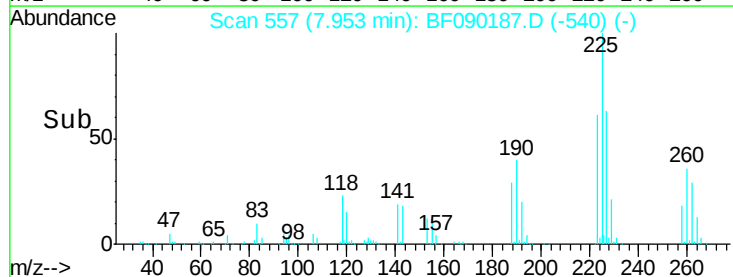
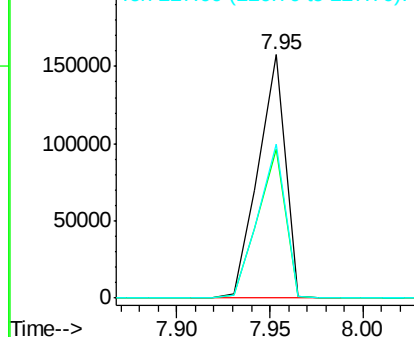


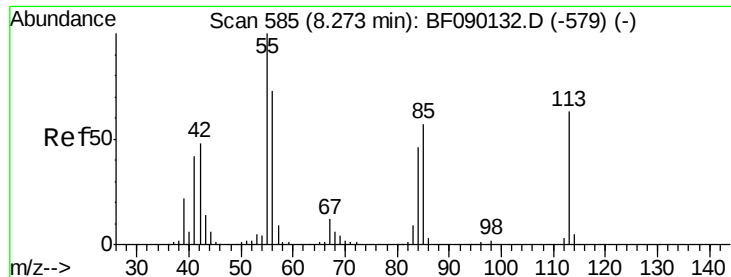
#34
Hexachlorobutadiene
Concen: 58.80 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Tgt Ion:	225	Resp:	159042
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.3	76.9
227	63.4	51.4	77.0



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

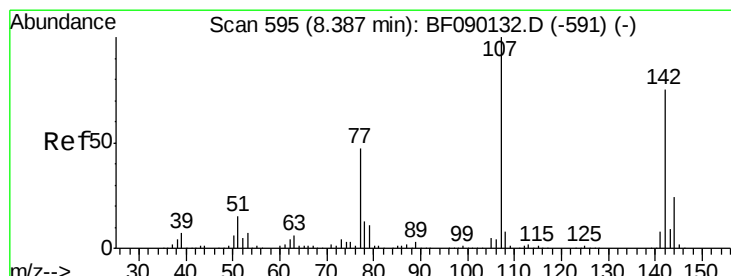
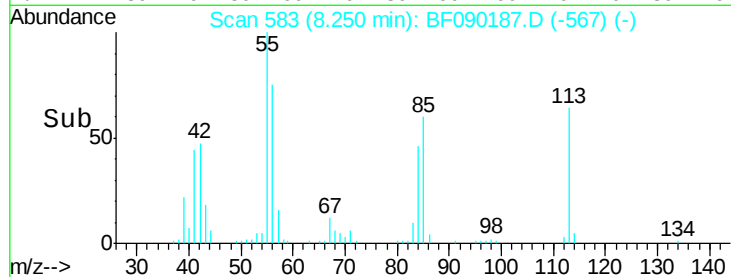
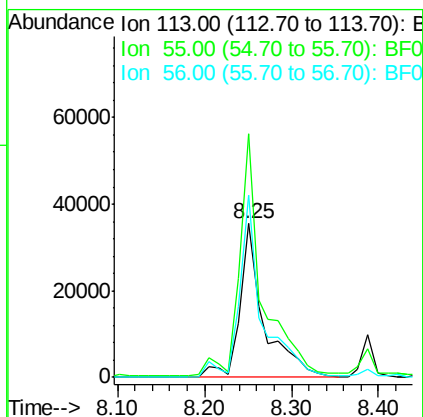
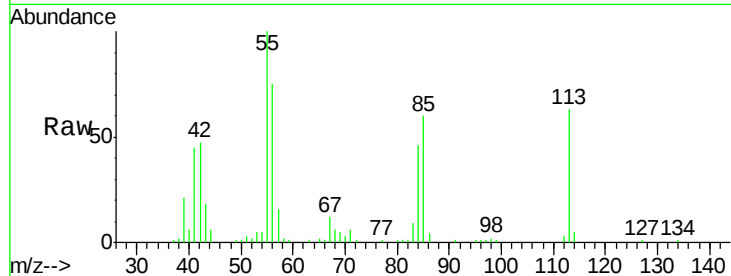




#35
 Caprolactam
 Concen: 39.90 ng
 RT: 8.25 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

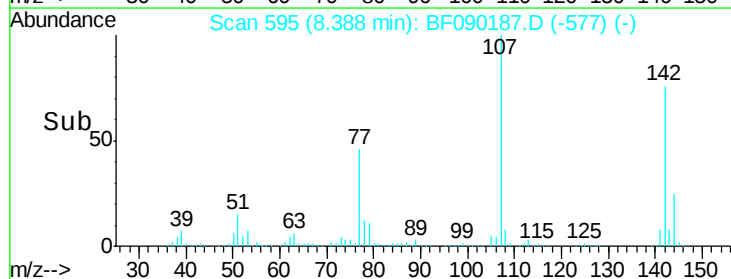
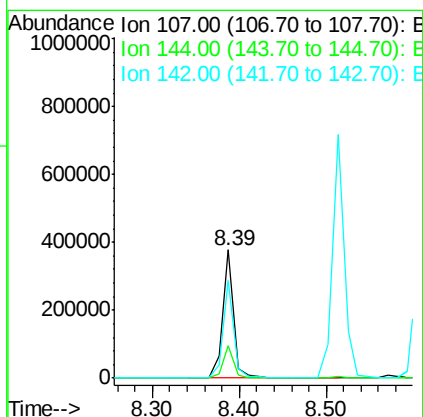
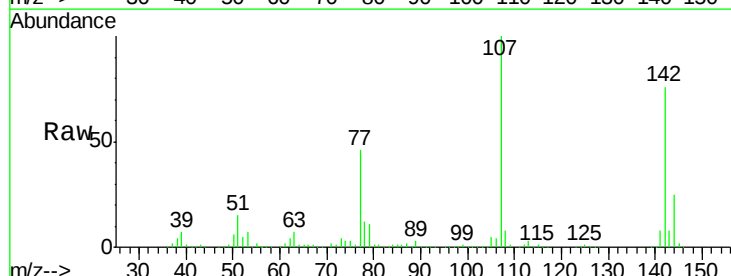
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

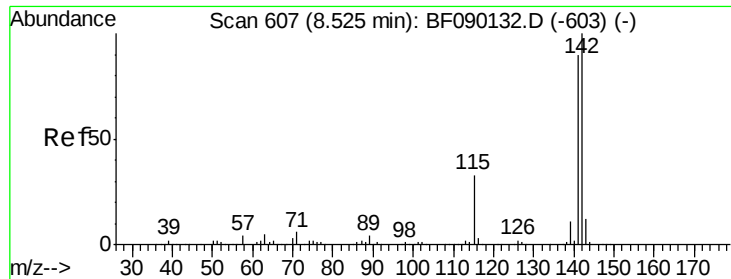
Tgt Ion:113 Resp: 67801
 Ion Ratio Lower Upper
 113 100
 55 158.2 134.5 174.5
 56 118.5 93.7 133.7



#36
 4-Chloro-3-methylphenol
 Concen: 58.81 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion:107 Resp: 341197
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.6 27.8
 142 76.4 57.0 85.6

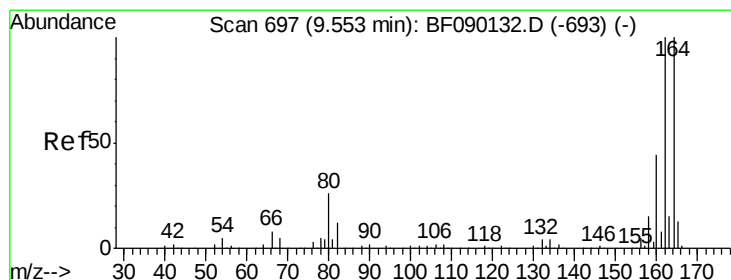
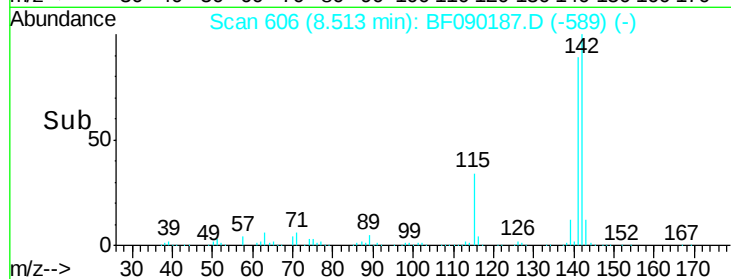
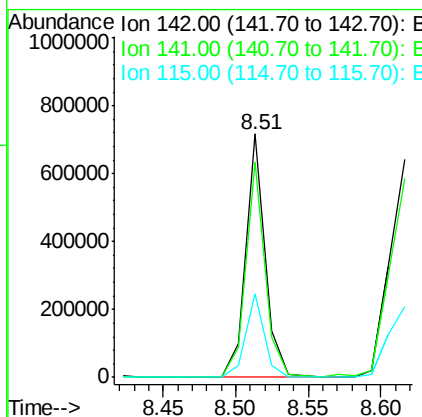
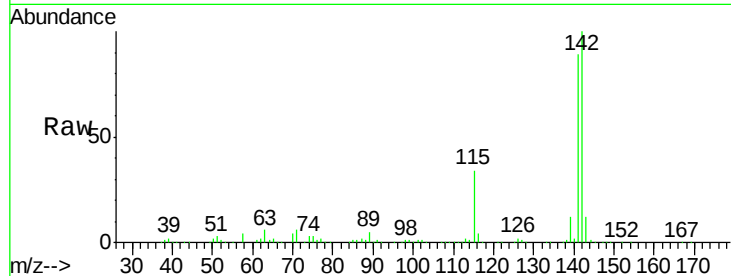




#37
 2-Methylnaphthalene
 Concen: 60.21 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

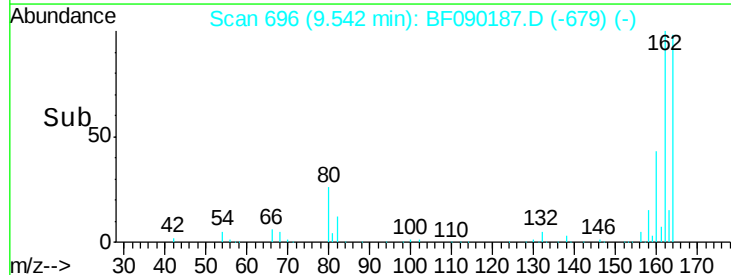
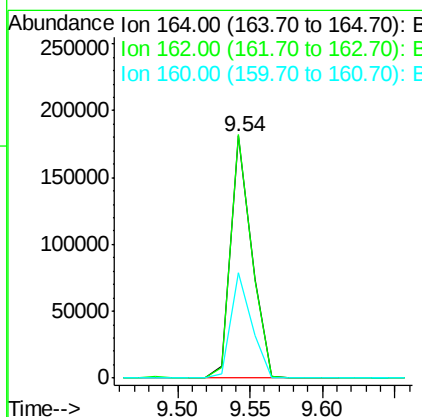
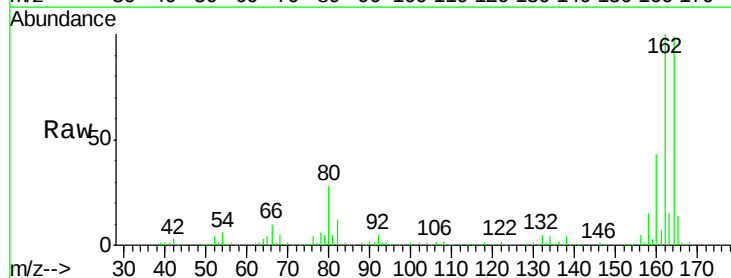
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

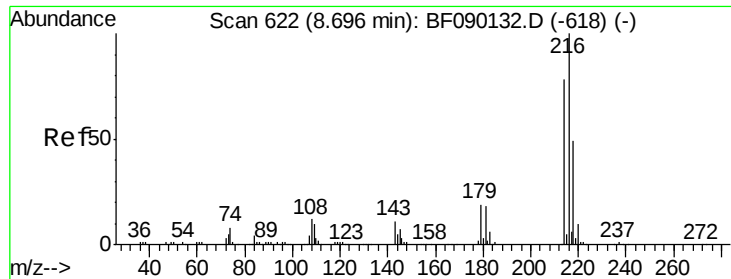
Tgt Ion:142 Resp: 663502
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.4 107.2
 115 34.2 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion:164 Resp: 182219
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.4 122.2
 160 43.5 36.6 54.8

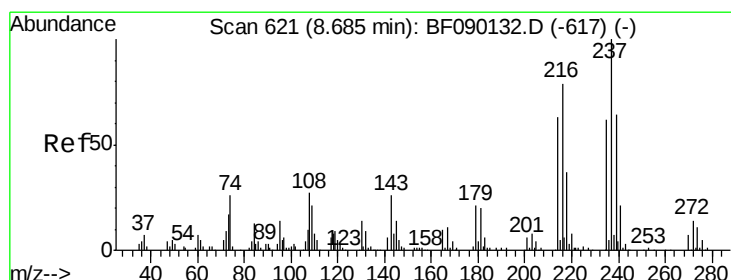
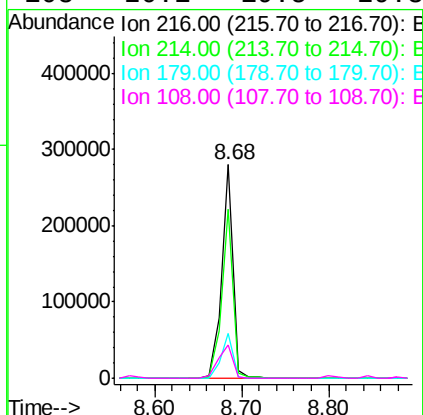
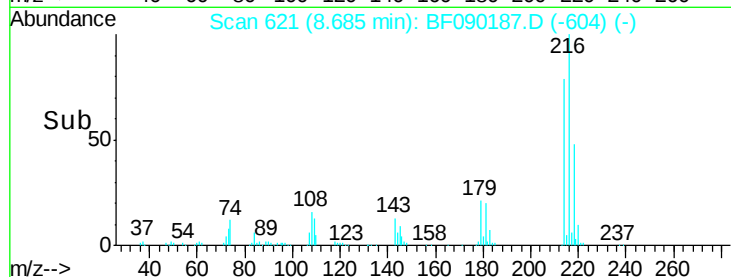
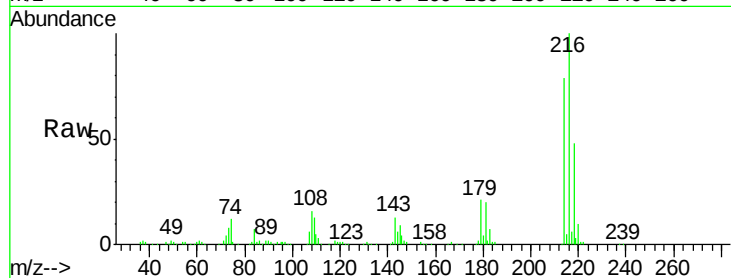




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.81 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

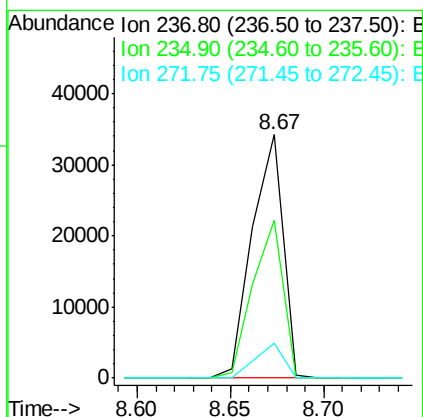
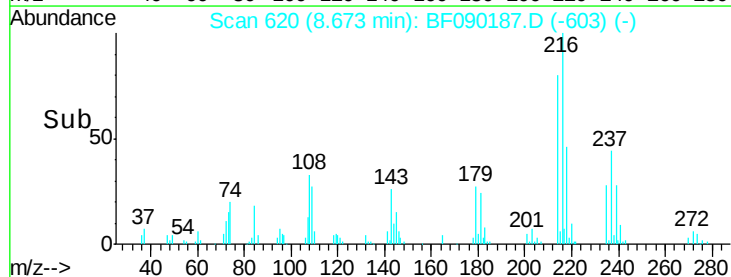
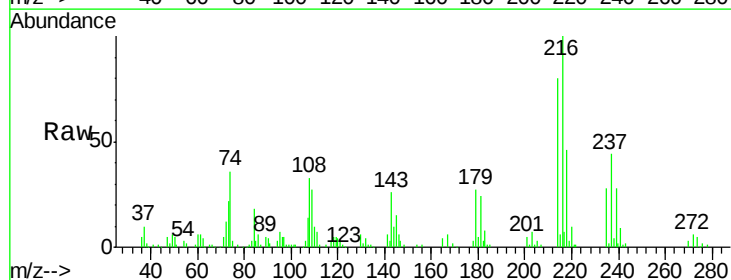
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

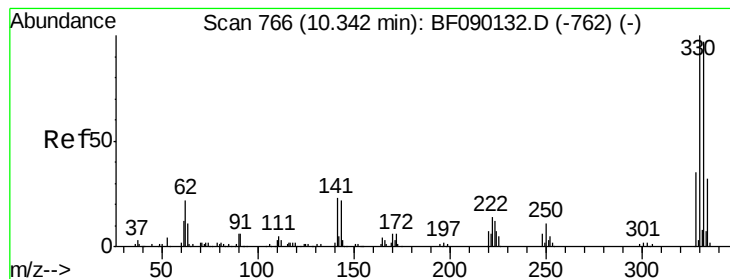
Tgt Ion:	216	Resp:	258523
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.7	95.5
179	21.7	18.5	27.7
108	20.1	19.5	29.3



#40
 Hexachlorocyclopentadiene
 Concen: 19.00 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion:	237	Resp:	39224
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.5	82.5
272	14.6	0.0	32.0

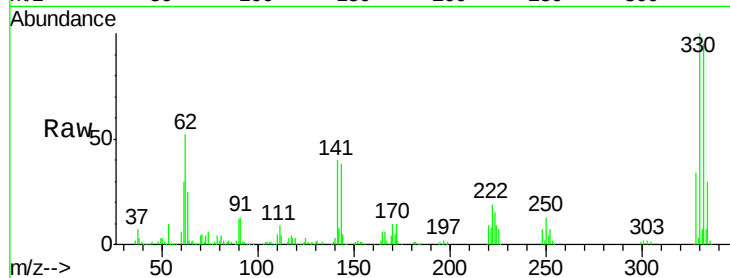




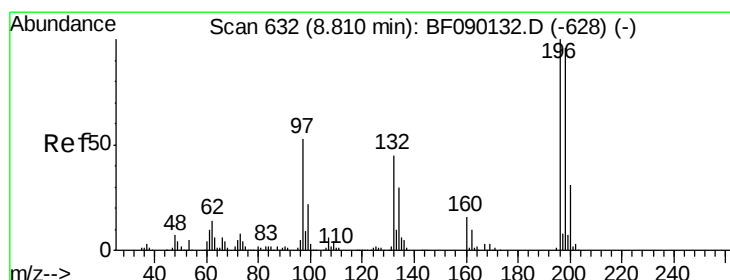
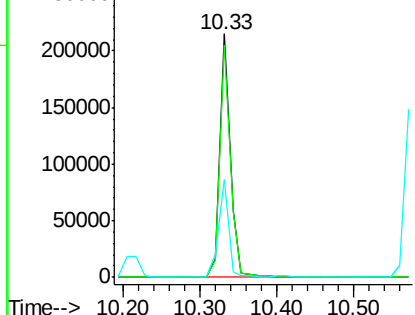
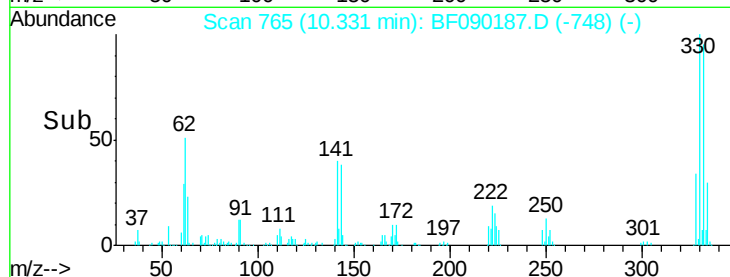
#41
 2,4,6-Tribromophenol
 Concen: 133.55 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion:330 Resp: 208778
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.1 117.1
 141 38.0 23.9 35.9#

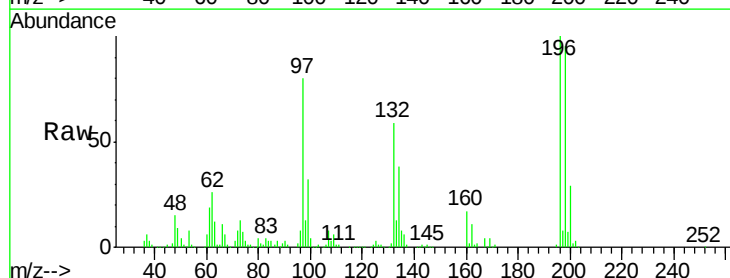


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

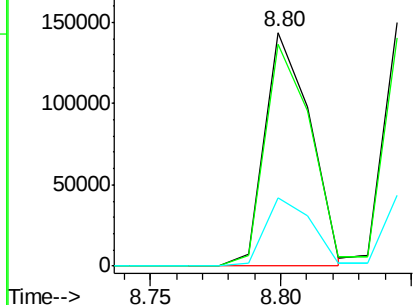
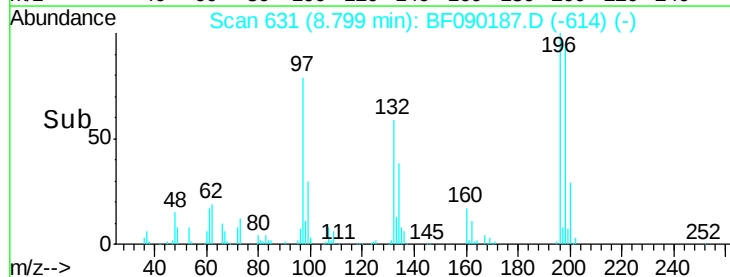


#42
 2,4,6-Trichlorophenol
 Concen: 58.55 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion:196 Resp: 174507
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 29.4 24.1 36.1



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

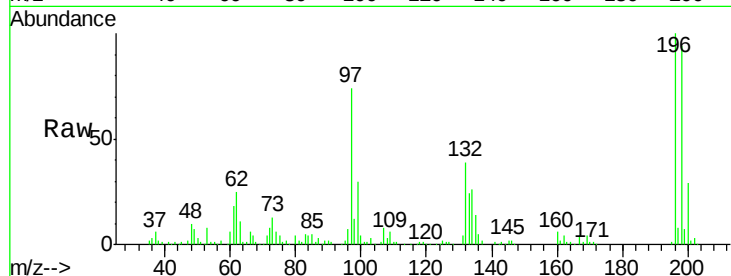




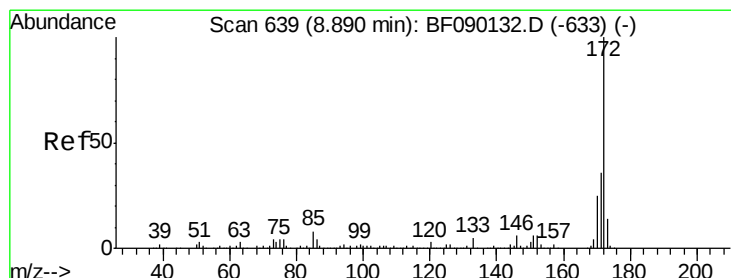
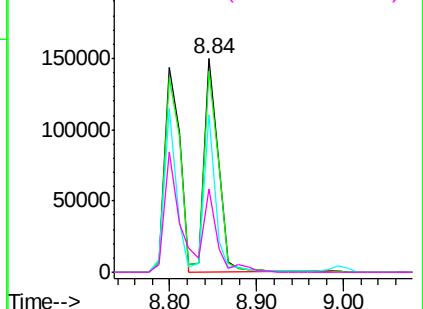
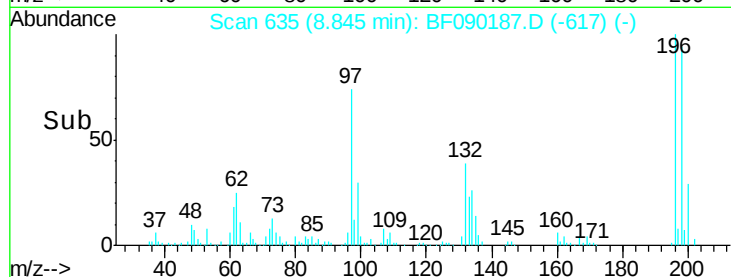
#43
 2,4,5-Trichlorophenol
 Concen: 54.43 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.6	114.8
97	73.7	34.4	51.6#
132	39.2	22.2	33.2#

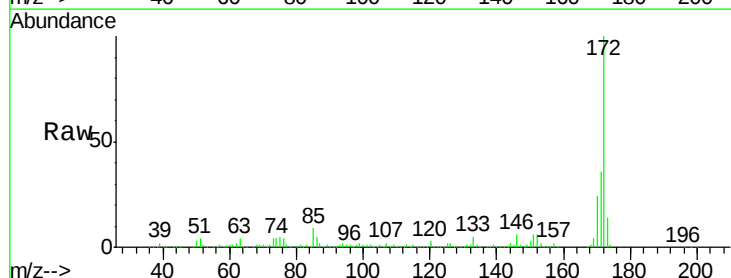


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

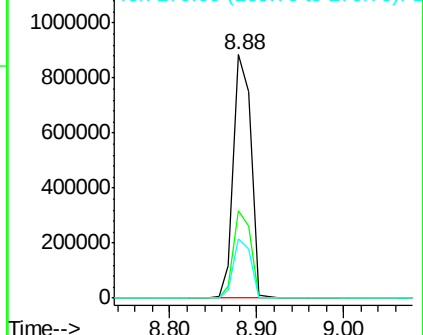
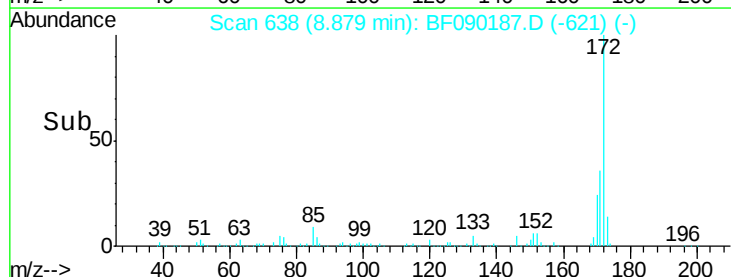


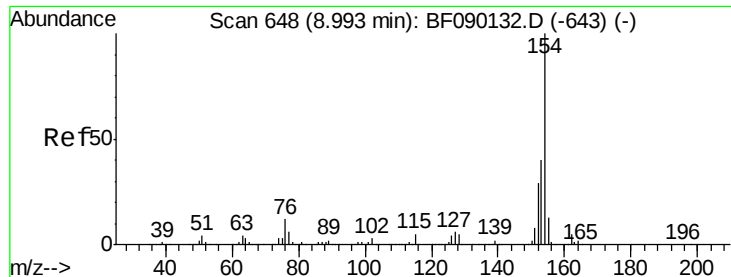
#44
 2-Fluorobiphenyl
 Concen: 132.05 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.4	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

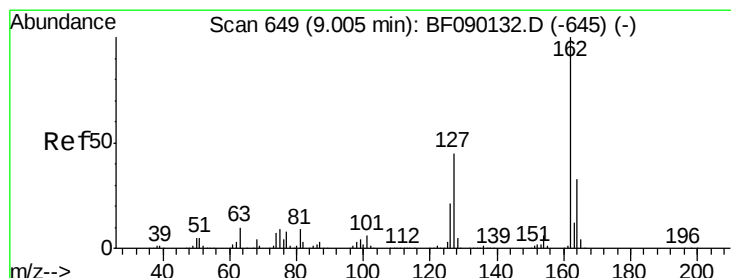
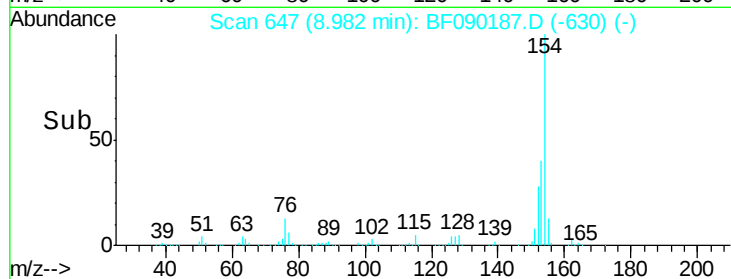
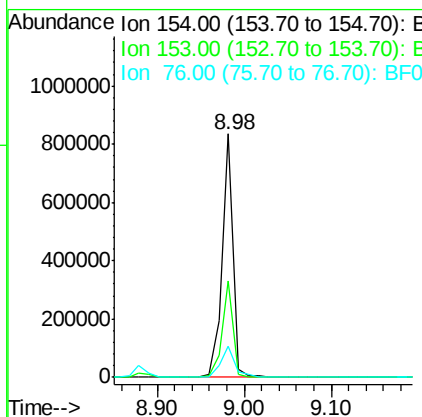
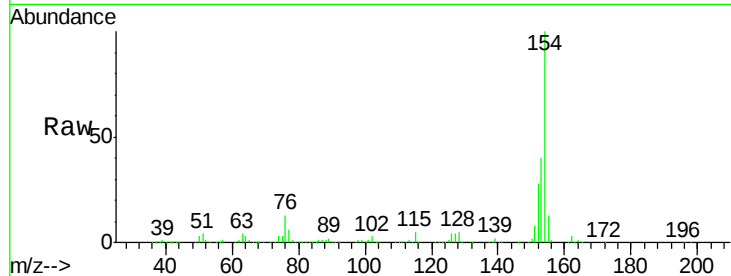




#45
 1,1'-Biphenyl
 Concen: 57.33 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

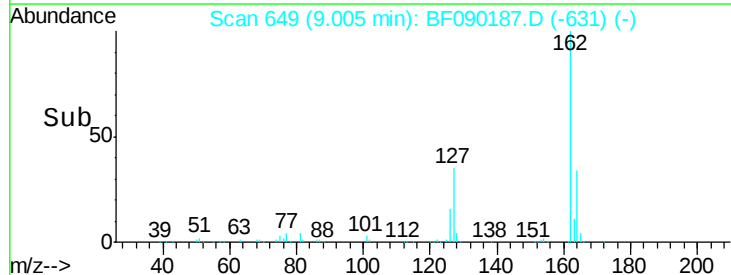
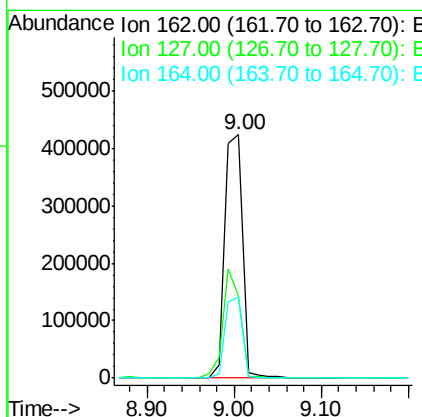
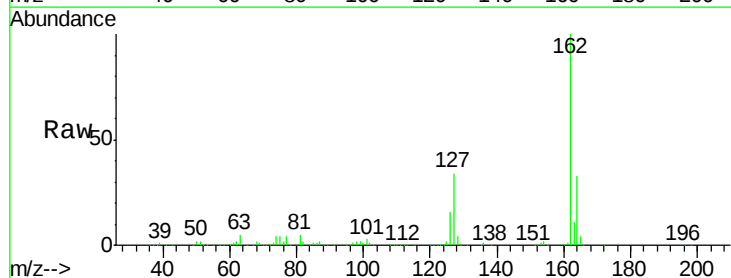
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

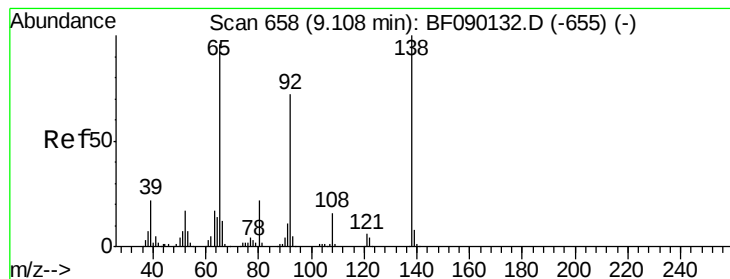
Tgt Ion:	154	Resp:	747359
Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.6	60.6
76	12.7	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 62.81 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion:	162	Resp:	604097
Ion	Ratio	Lower	Upper
162	100		
127	34.0	34.0	51.0
164	33.4	26.8	40.2





#47

2-Nitroaniline

Concen: 66.91 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

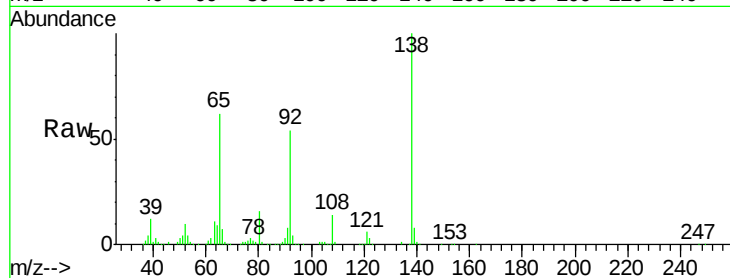
Tgt Ion: 65 Resp: 194022

Ion Ratio Lower Upper

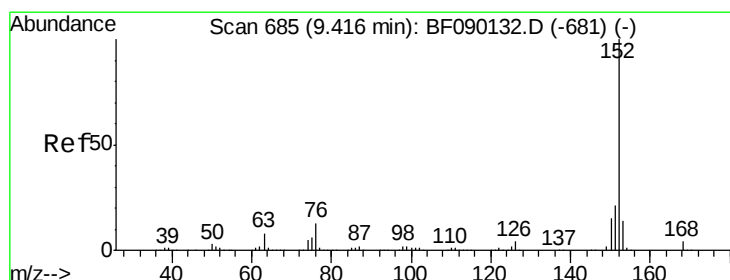
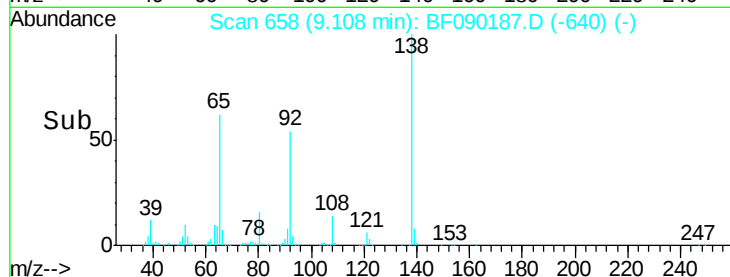
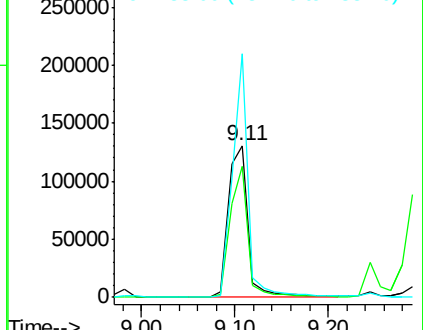
65 100

92 86.8 66.1 99.1

138 160.7 104.1 156.1#



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): E



#48

Acenaphthylene

Concen: 54.77 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

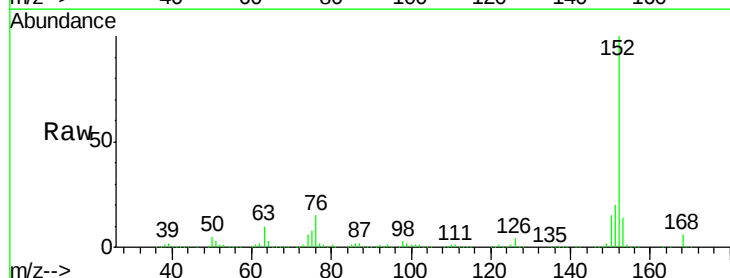
Tgt Ion: 152 Resp: 855490

Ion Ratio Lower Upper

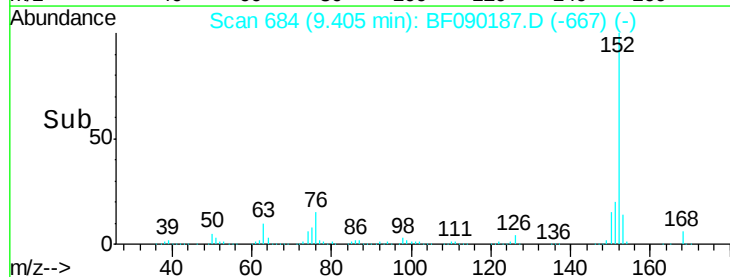
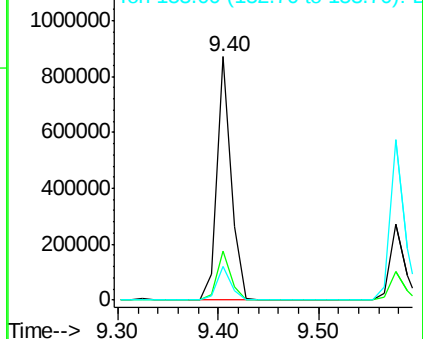
152 100

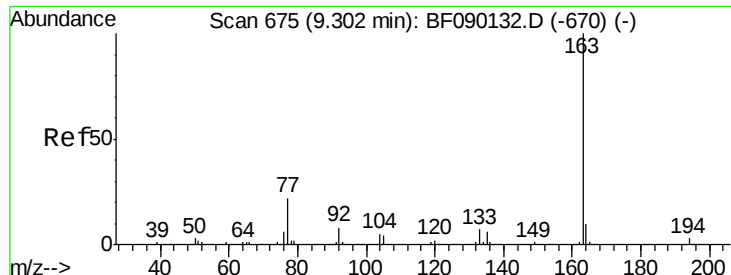
151 20.3 16.5 24.7

153 13.7 10.6 15.8



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

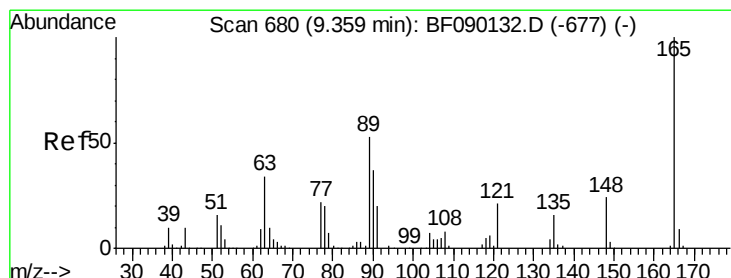
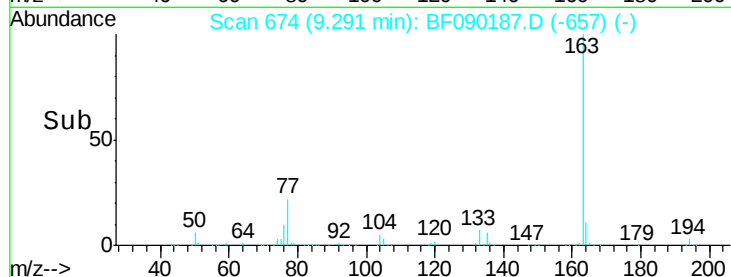
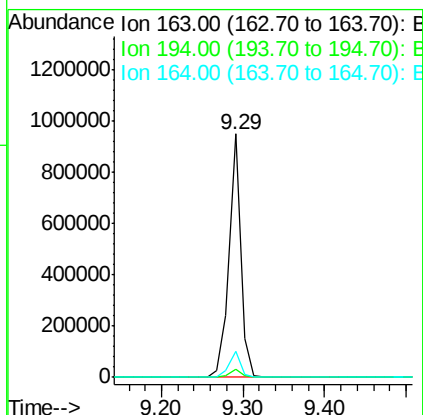
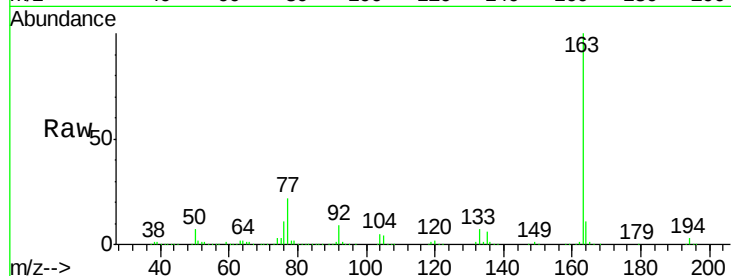




#49
Dimethylphthalate
Concen: 81.61 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

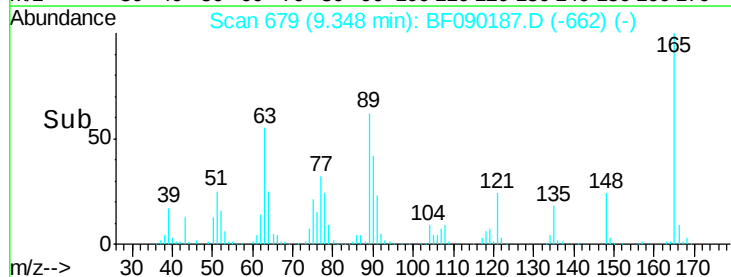
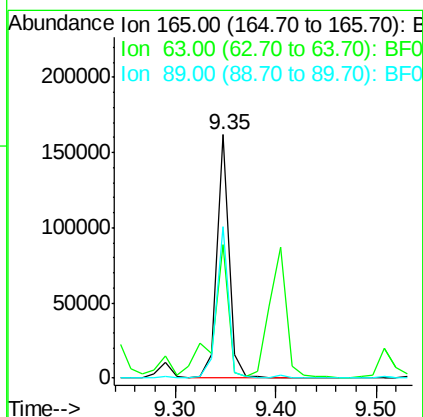
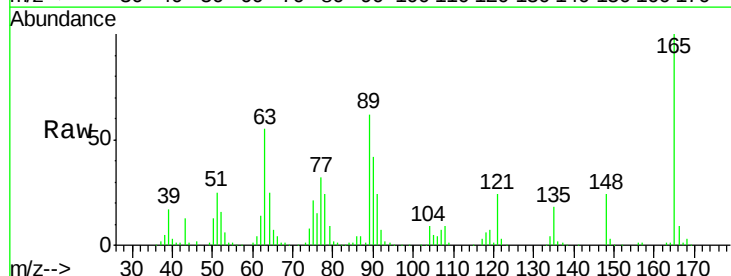
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

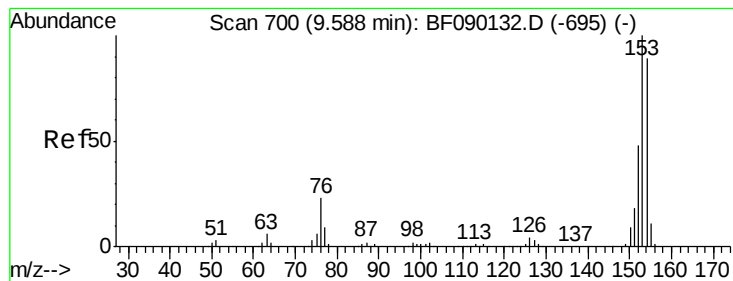
Tgt Ion:163 Resp: 947124
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.5 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 52.60 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Tgt Ion:165 Resp: 136052
Ion Ratio Lower Upper
165 100
63 55.1 49.9 74.9
89 62.3 51.0 76.4





#51

Acenaphthene

Concen: 53.81 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

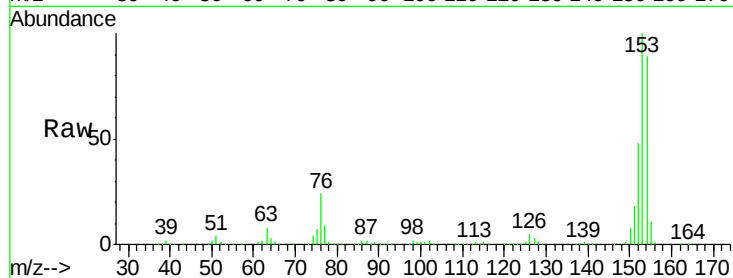
Tgt Ion:154 Resp: 498912

Ion Ratio Lower Upper

154 100

153 112.5 90.8 136.2

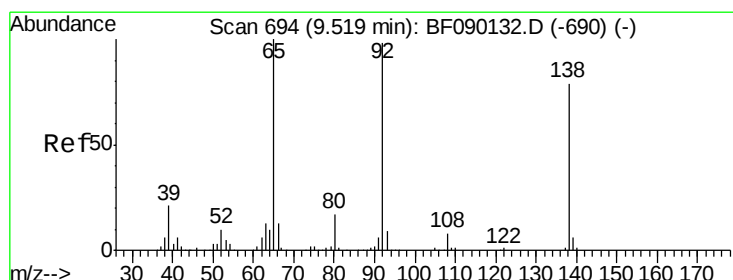
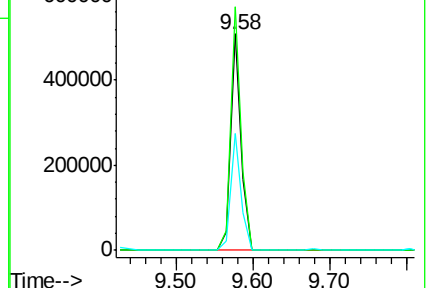
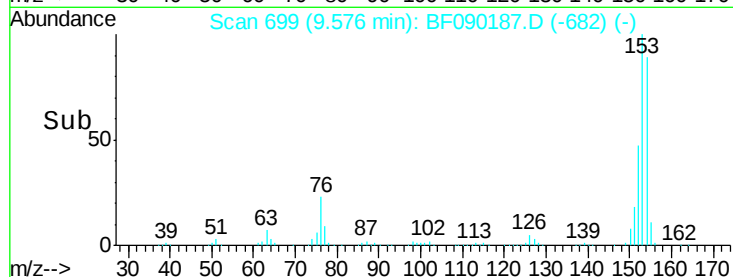
152 53.8 44.2 66.4



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: 49.30 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

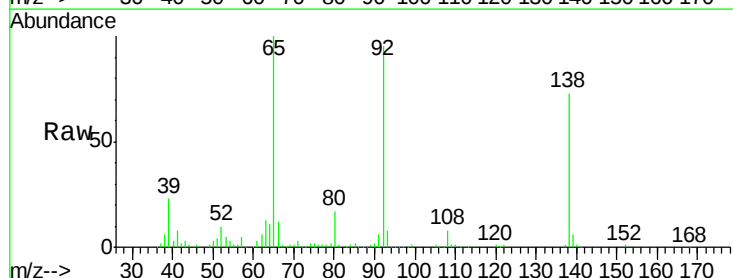
Tgt Ion:138 Resp: 149504

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

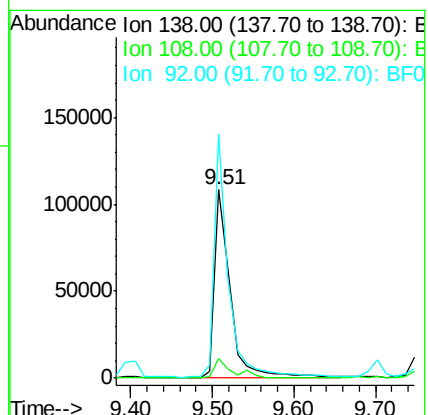
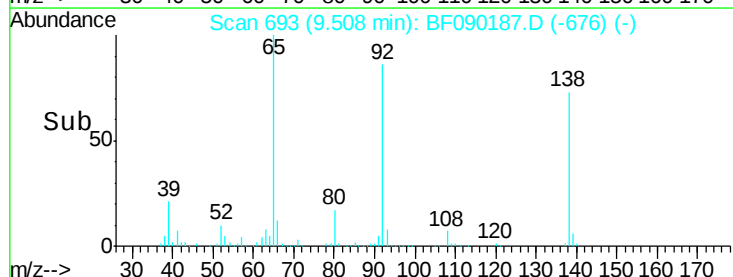
92 129.2 90.7 136.1

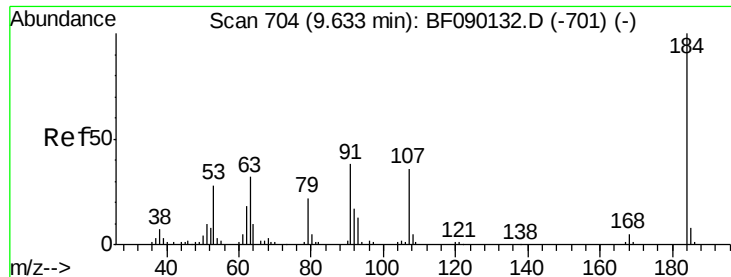


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

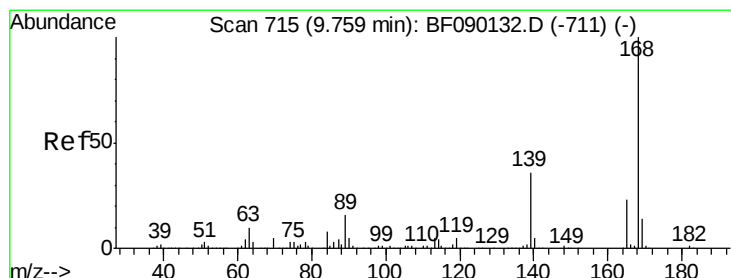
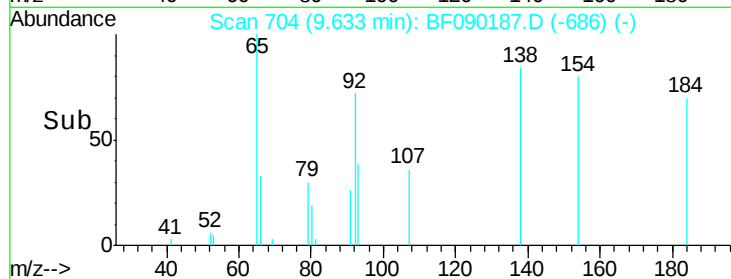
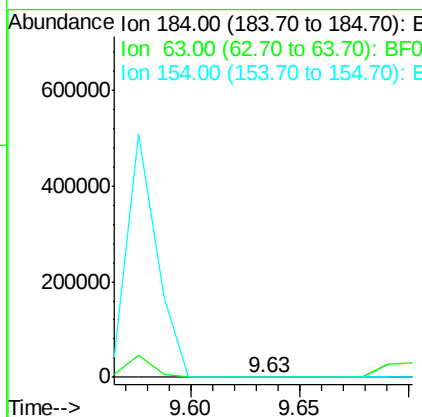
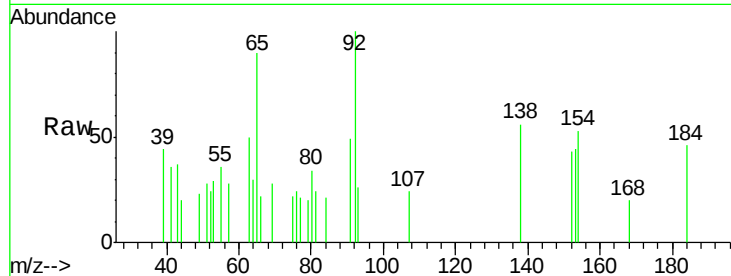




#53
 2,4-Dinitrophenol
 Concen: 3.84 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

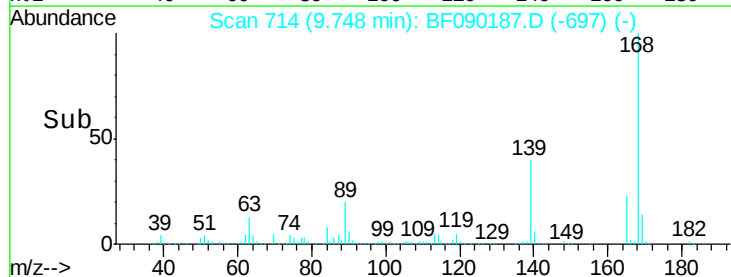
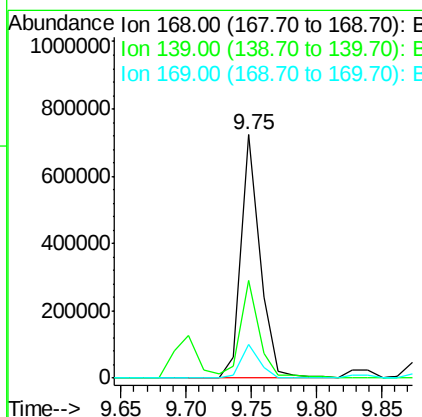
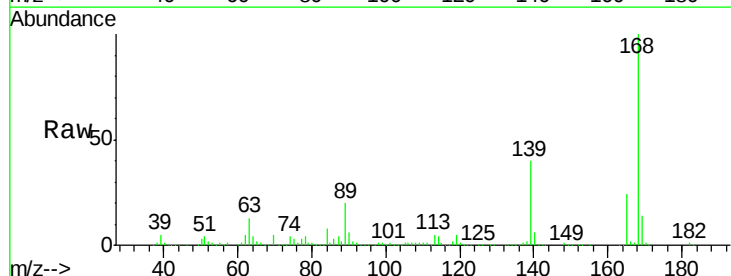
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

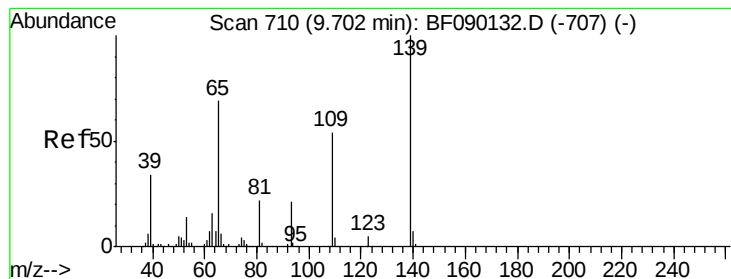
Tgt Ion:184 Resp: 1034
 Ion Ratio Lower Upper
 184 100
 63 107.3 44.6 67.0#
 154 115.2 49.7 74.5#



#54
 Dibenzofuran
 Concen: 60.14 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion:168 Resp: 733757
 Ion Ratio Lower Upper
 168 100
 139 40.1 28.8 43.2
 169 13.9 10.7 16.1





#55

4-Nitrophenol

Concen: 81.94 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

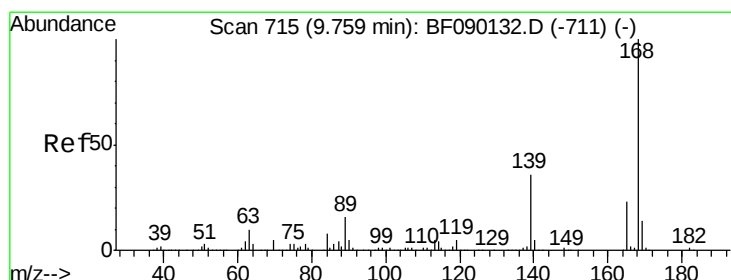
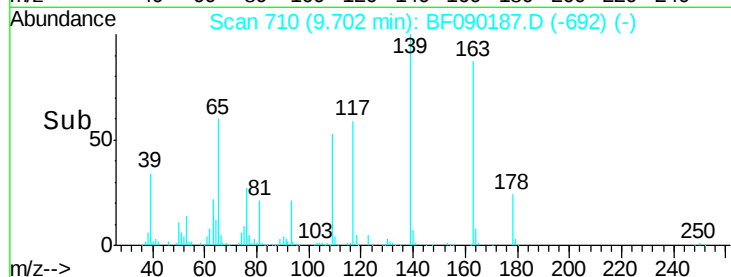
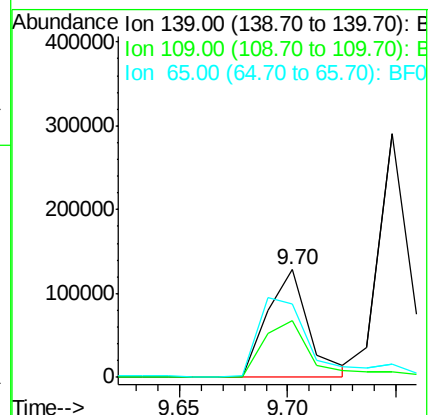
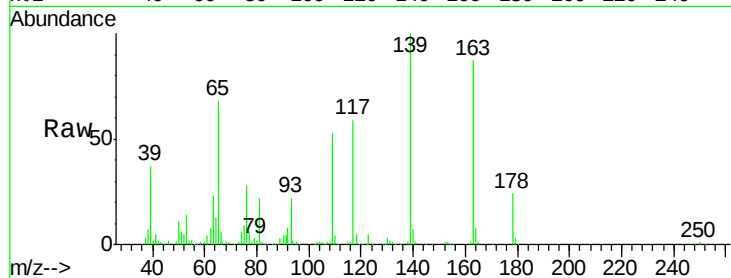
Tgt Ion:139 Resp: 170245

Ion Ratio Lower Upper

139 100

109 52.9 35.6 75.6

65 67.9 55.5 95.5



#56

2,4-Dinitrotoluene

Concen: 51.38 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Tgt Ion:165 Resp: 157151

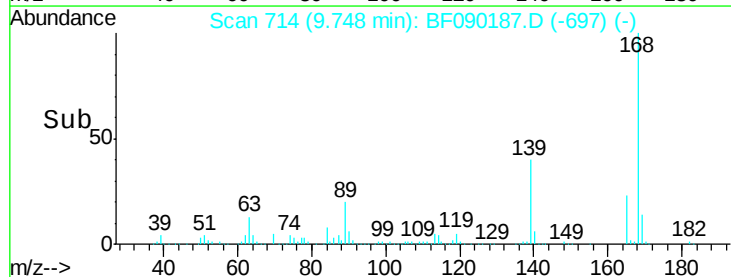
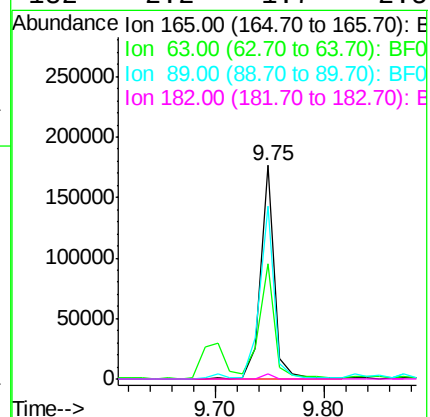
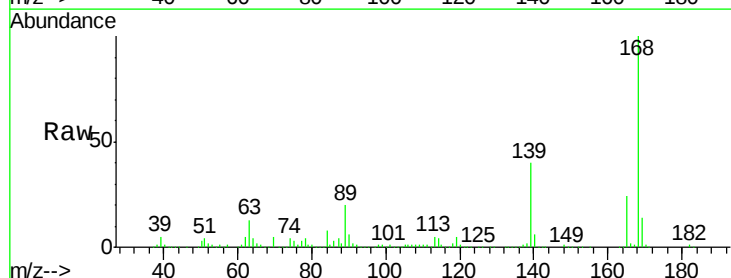
Ion Ratio Lower Upper

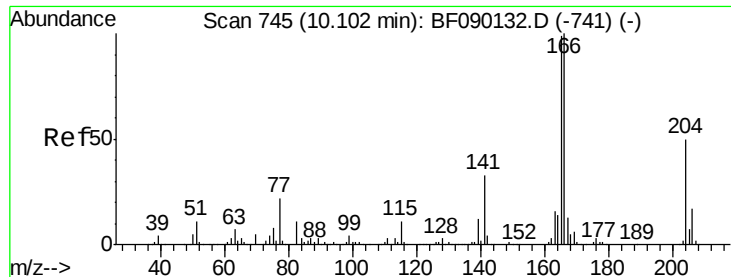
165 100

63 54.2 44.4 66.6

89 80.9 70.1 105.1

182 2.2 1.7 2.5

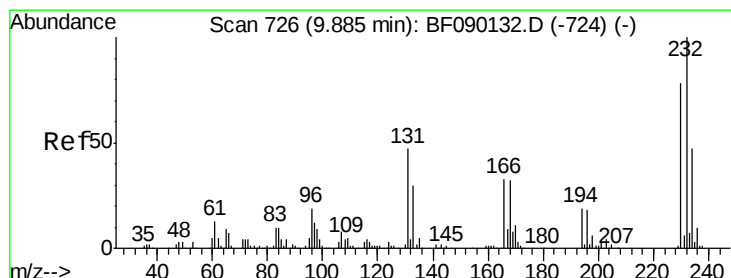
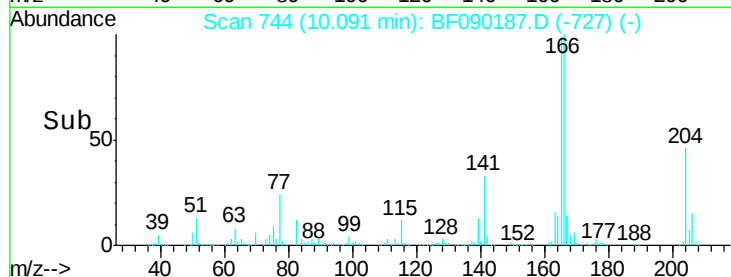
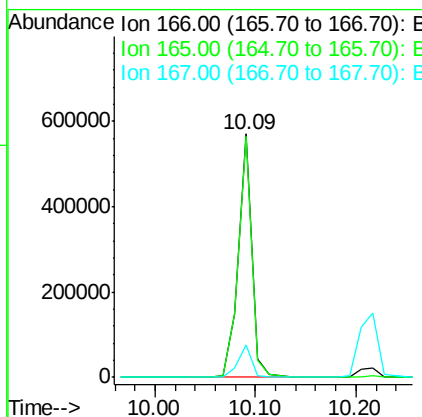
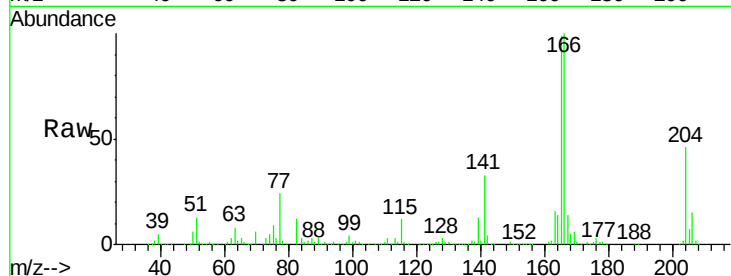




#57
Fluorene
 Concen: 58.33 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

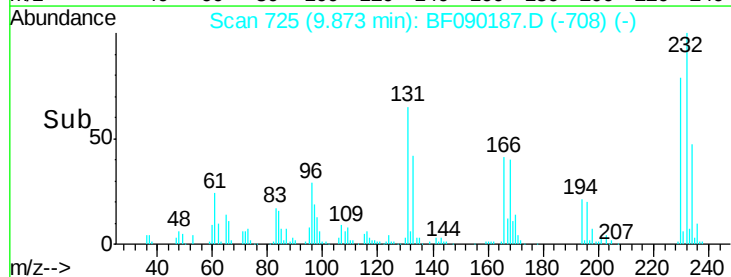
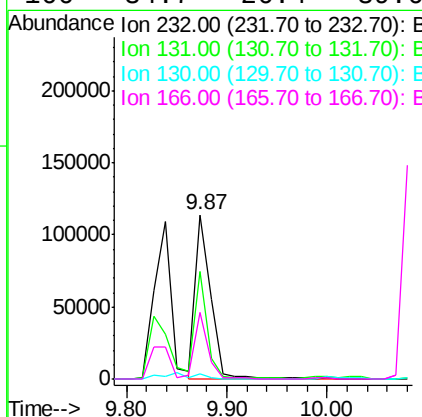
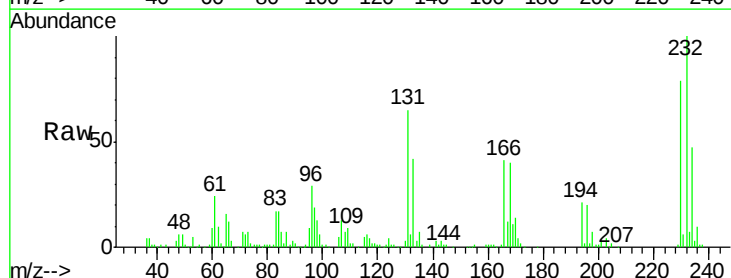
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

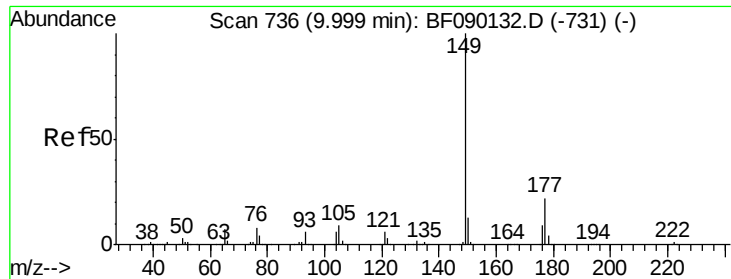
Tgt Ion:166 Resp: 536298
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.5 117.7
 167 13.6 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.15 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion:232 Resp: 122799
 Ion Ratio Lower Upper
 232 100
 131 51.4 42.2 63.4
 130 0.0 1.9 2.9#
 166 34.7 26.4 39.6

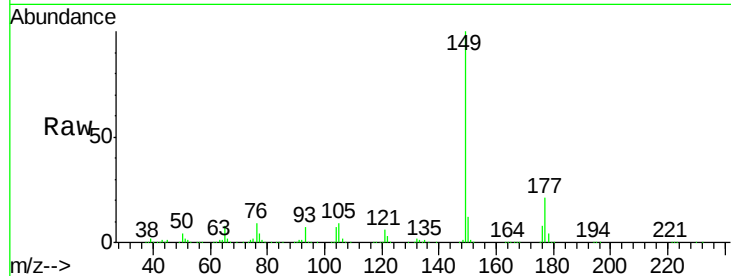




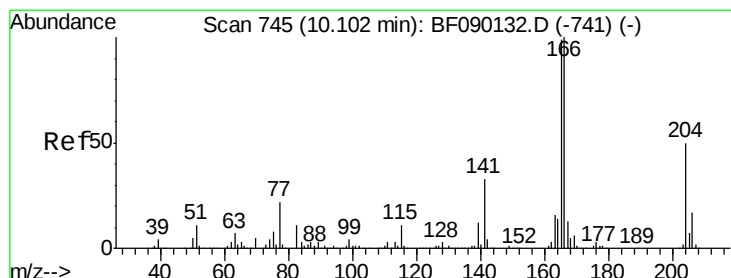
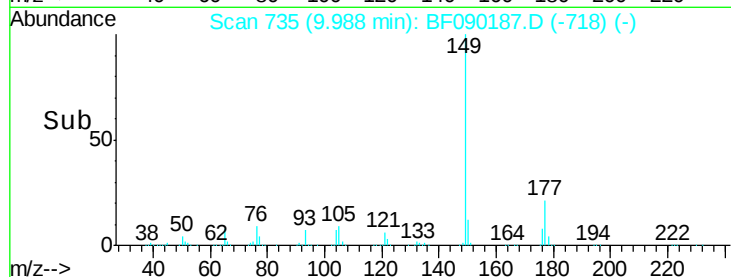
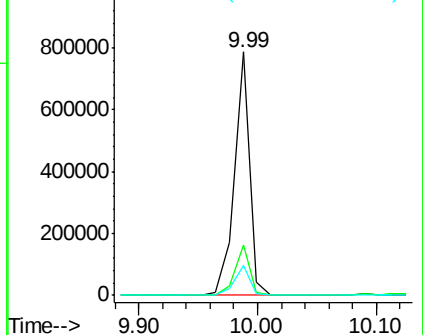
#59
Diethylphthalate
Concen: 61.87 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

Tgt Ion:149 Resp: 693519
Ion Ratio Lower Upper
149 100
177 20.7 15.8 23.6
150 12.5 10.4 15.6

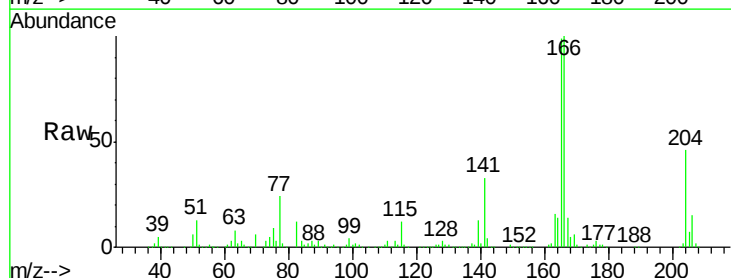


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

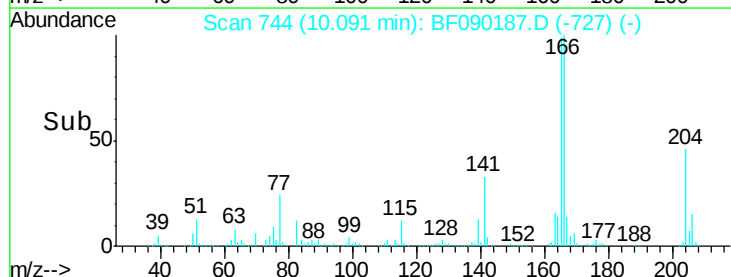
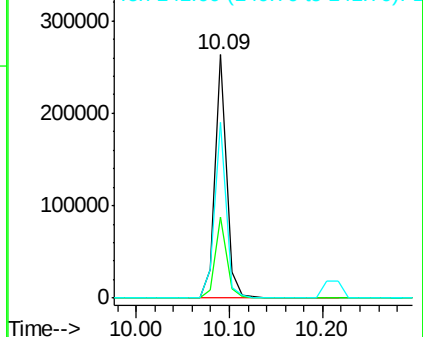


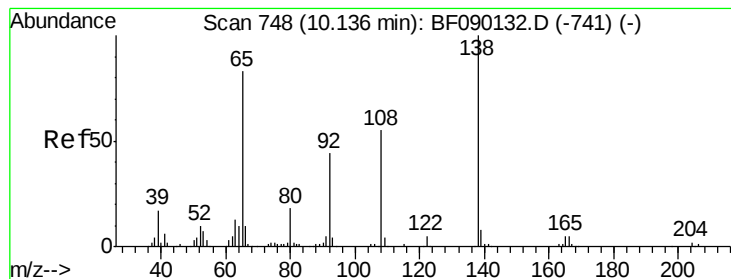
#60
4-Chlorophenyl-phenylether
Concen: 54.03 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Tgt Ion:204 Resp: 226552
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 72.1 64.4 96.6



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: 52.85 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

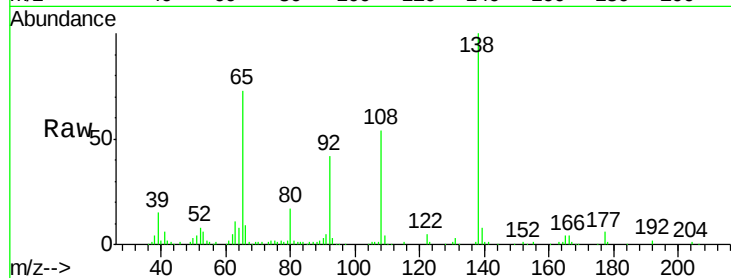
Tgt Ion: 138 Resp: 163369

Ion Ratio Lower Upper

138 100

92 41.7 23.8 63.8

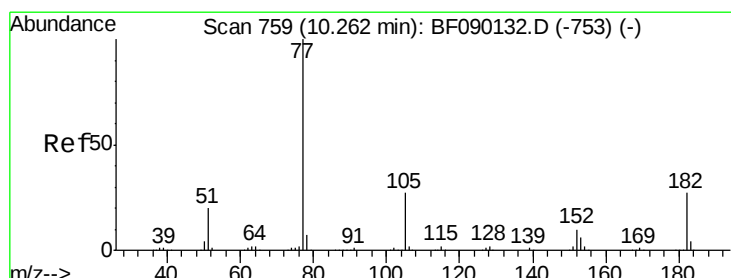
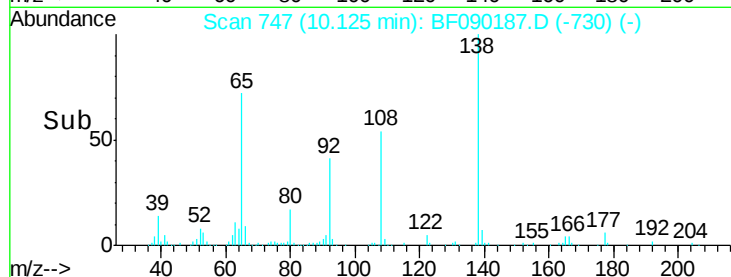
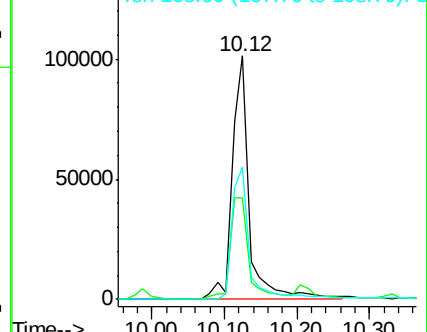
108 54.3 35.0 75.0



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



#62

Azobenzene

Concen: 64.11 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Tgt Ion: 77 Resp: 747943

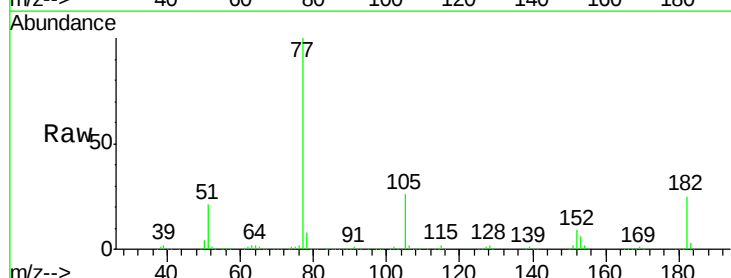
Ion Ratio Lower Upper

77 100

182 24.8 0.0 38.4

105 26.1 3.8 43.8

51 20.5 2.6 42.6

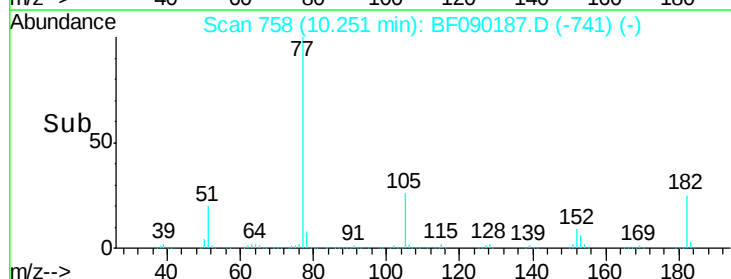
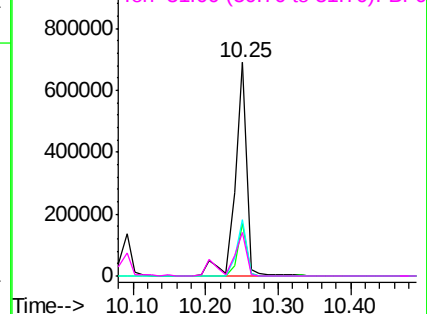


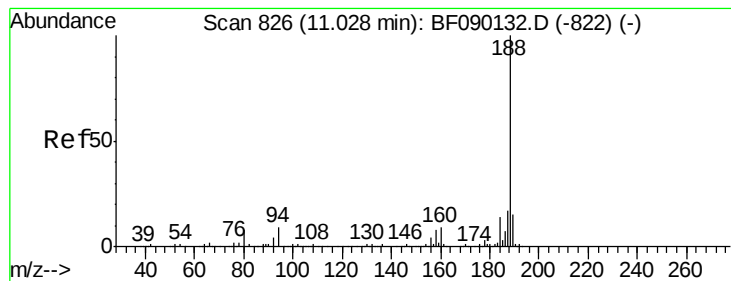
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

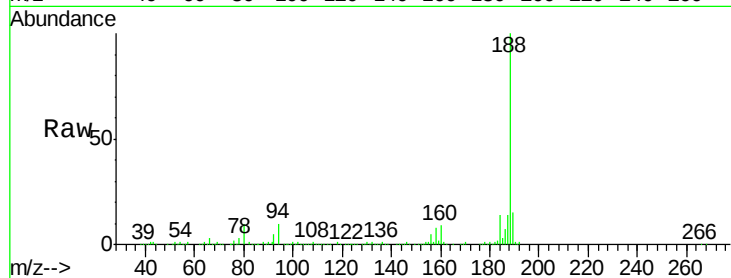
Tgt Ion:188 Resp: 263846

Ion Ratio Lower Upper

188 100

94 9.7 10.5 15.7#

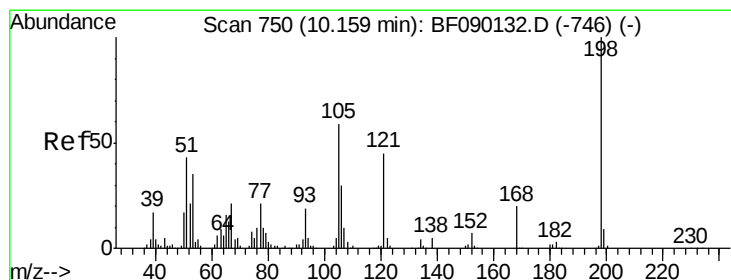
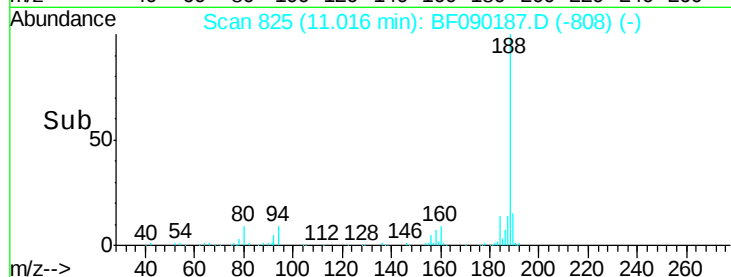
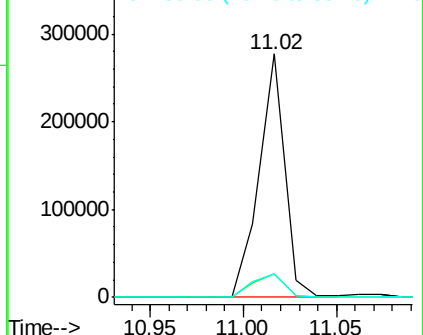
80 9.9 11.2 16.8#



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: 2.04 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

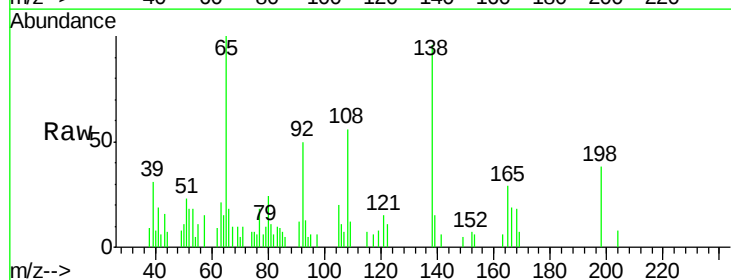
Tgt Ion:198 Resp: 3365

Ion Ratio Lower Upper

198 100

51 62.3 5.5 45.5#

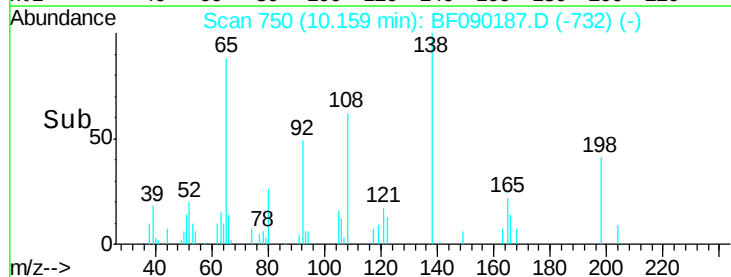
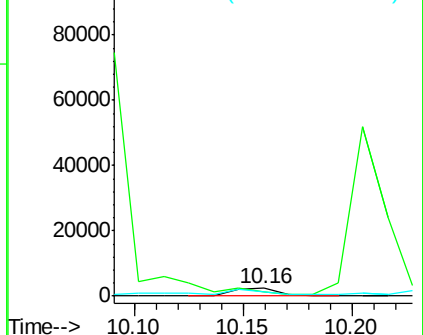
105 54.5 21.8 61.8

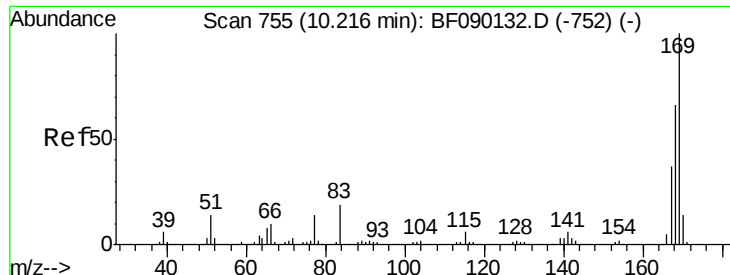


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

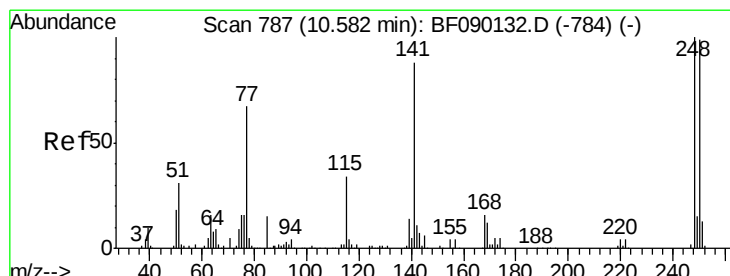
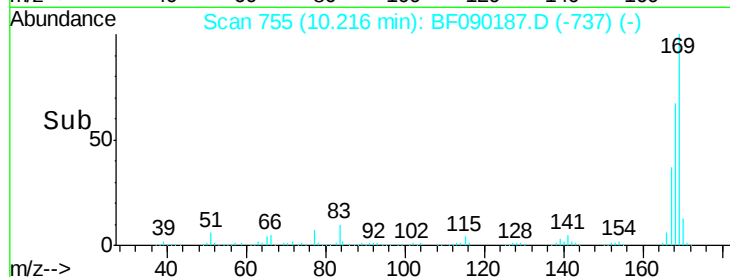
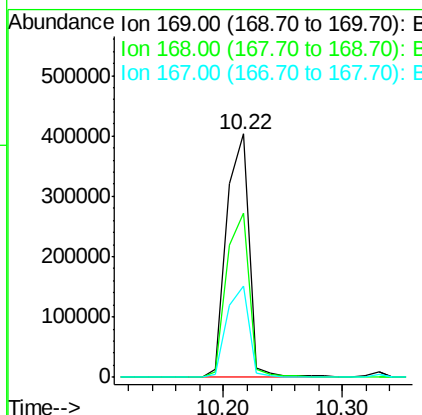
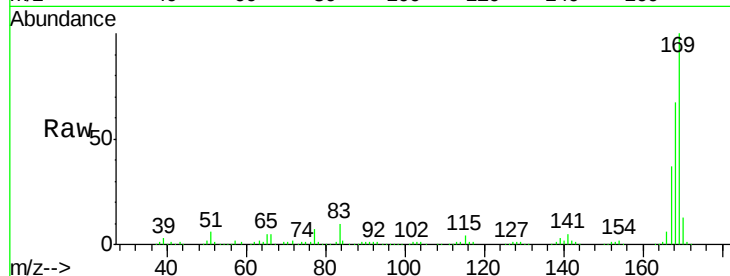




#65
 n-Nitrosodiphenylamine
 Concen: 60.74 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

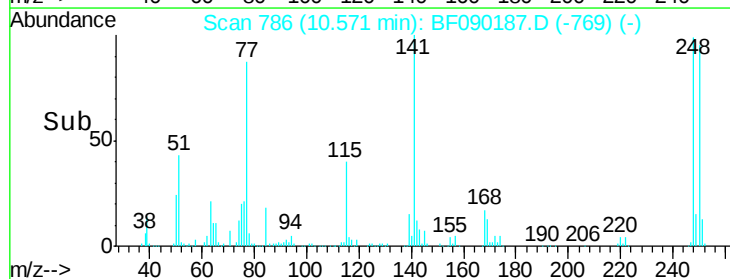
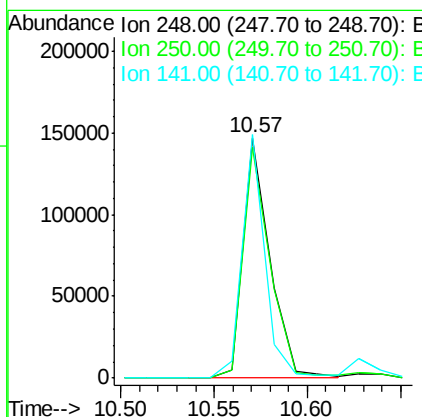
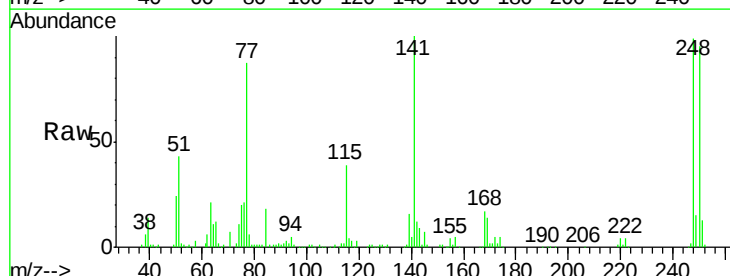
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

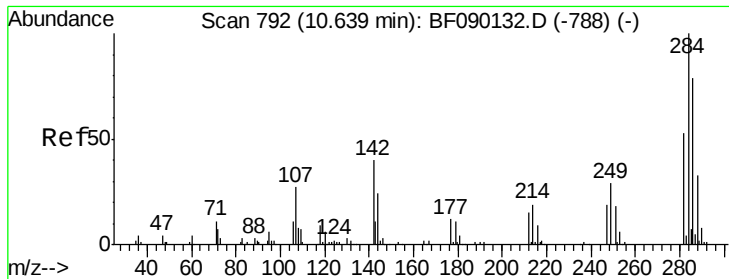
Tgt Ion:169 Resp: 527028
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.2 81.4
 167 37.3 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 56.63 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion:248 Resp: 147026
 Ion Ratio Lower Upper
 248 100
 250 96.3 79.4 119.2
 141 101.5 49.3 73.9#

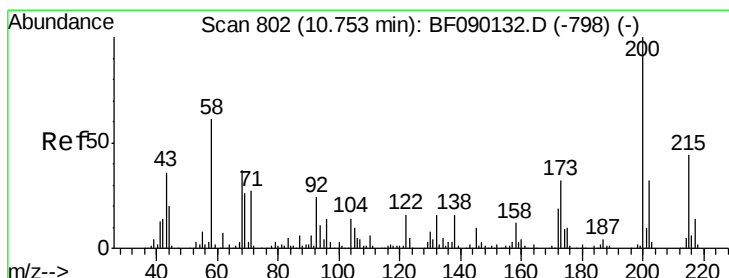
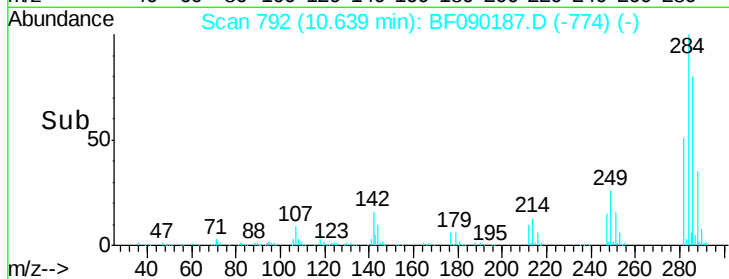
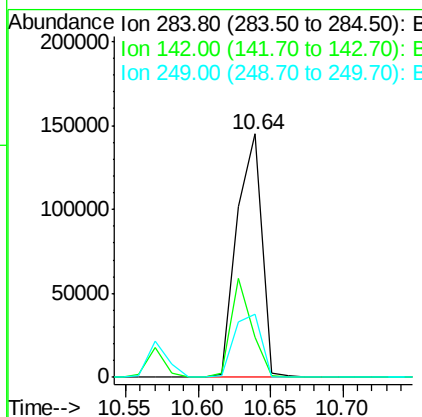
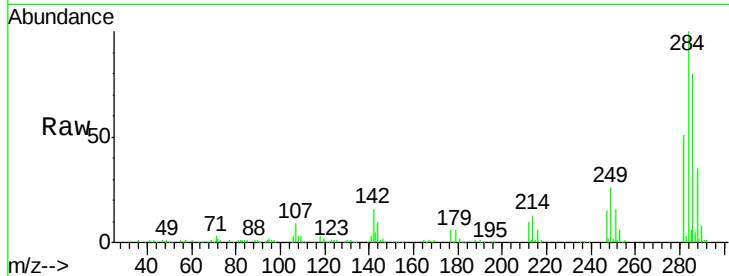




#67
Hexachlorobenzene
Concen: 57.06 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

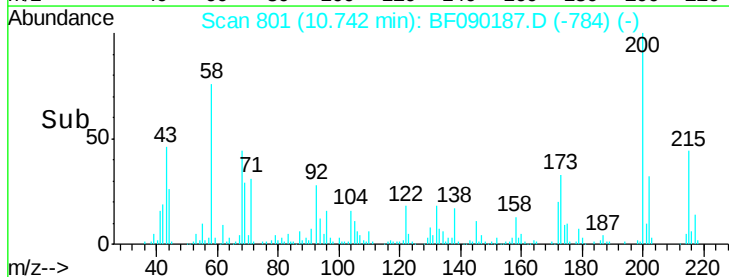
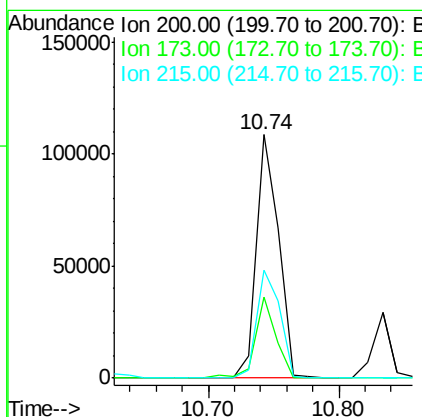
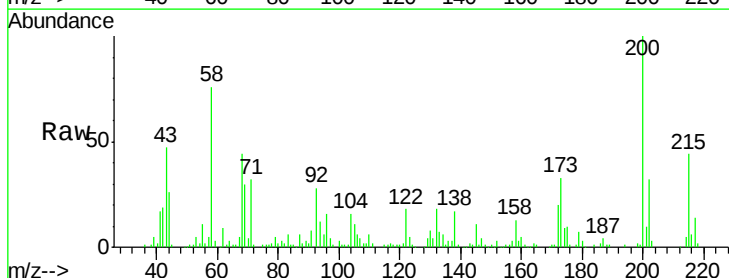
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

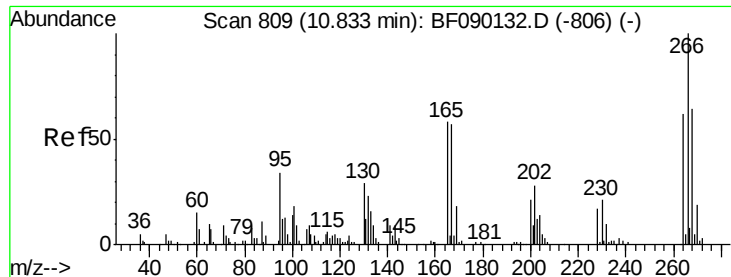
Tgt Ion: 284 Resp: 172666
Ion Ratio Lower Upper
284 100
142 16.5 24.0 36.0#
249 25.8 23.8 35.6



#68
Atrazine
Concen: 54.55 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Tgt Ion: 200 Resp: 129685
Ion Ratio Lower Upper
200 100
173 33.1 9.3 49.3
215 44.2 26.1 66.1

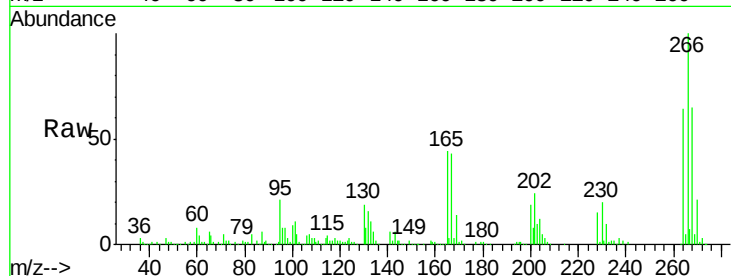




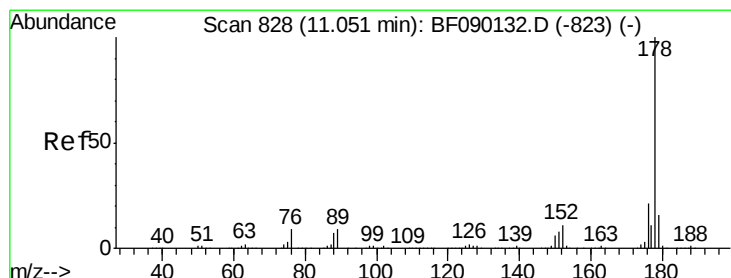
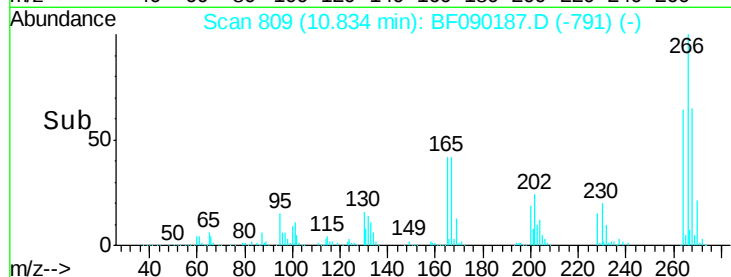
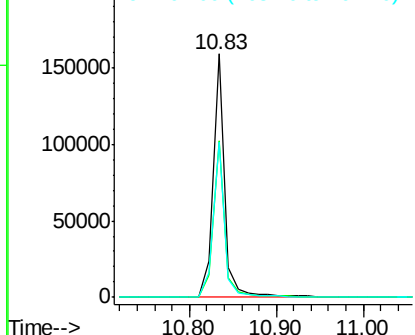
#69
 Pentachlorophenol
 Concen: 87.80 ng
 RT: 10.83 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion:266 Resp: 150794
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.1 78.1
 264 63.8 50.3 75.5

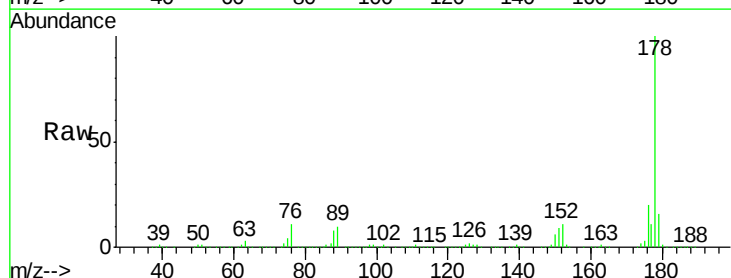


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

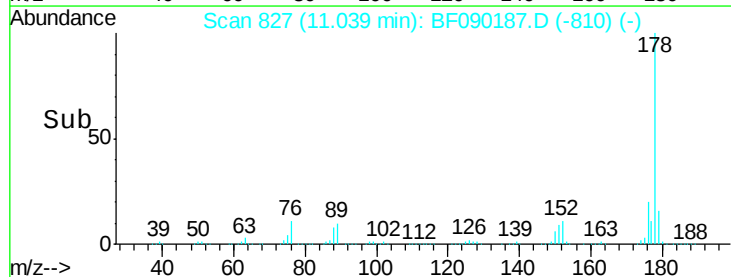
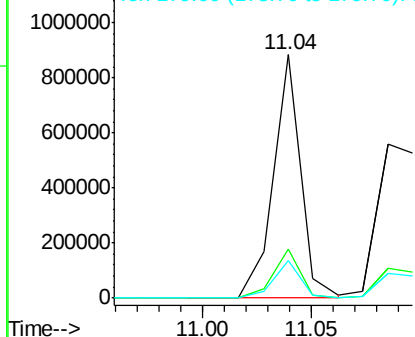


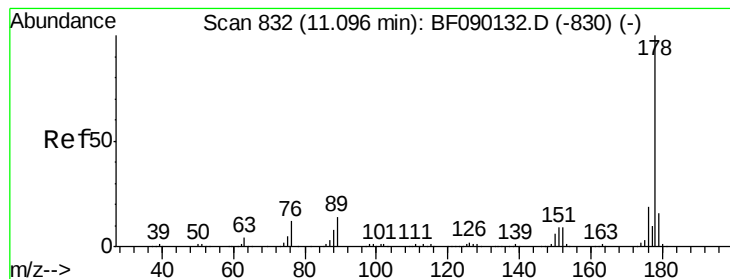
#70
 Phenanthrene
 Concen: 63.02 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion:178 Resp: 777625
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.9 23.9
 179 15.6 12.9 19.3



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: 61.80 ng

RT: 11.09 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

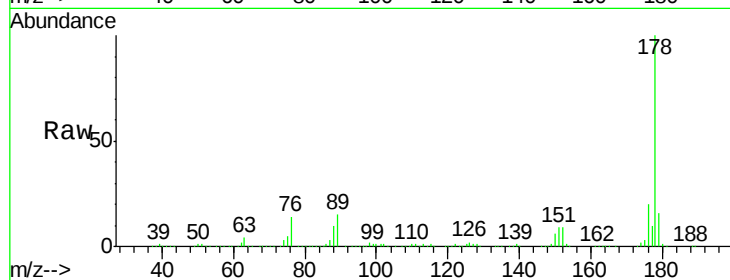
Tgt Ion:178 Resp: 799781

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

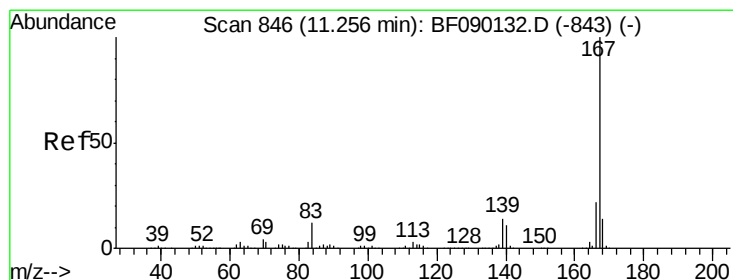
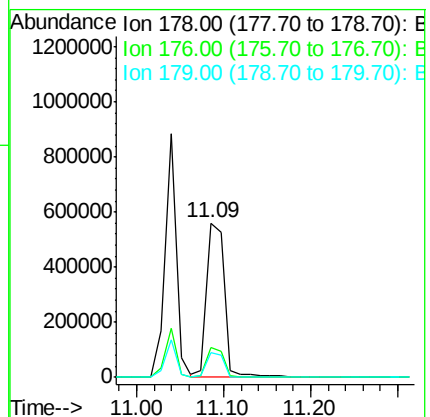
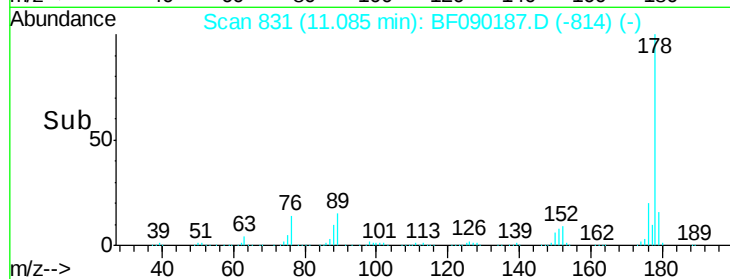
179 16.0 12.6 19.0



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: 59.20 ng

RT: 11.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

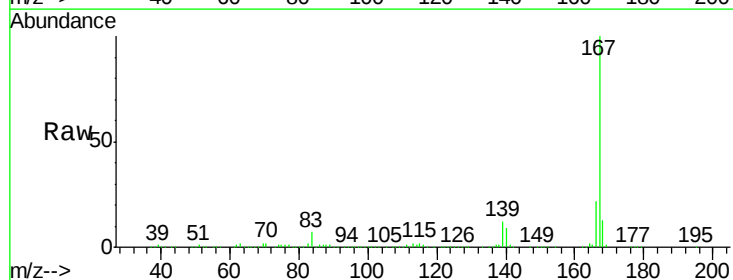
Tgt Ion:167 Resp: 809943

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

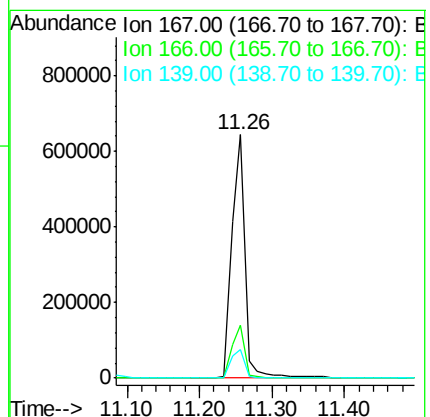
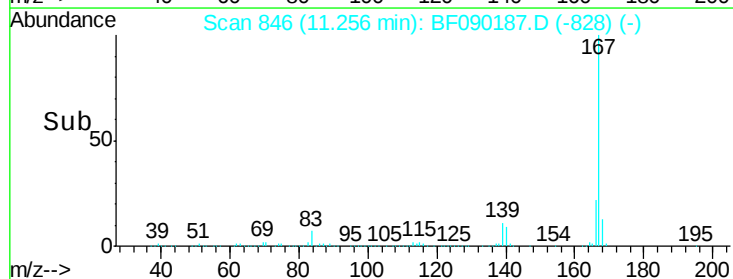
139 11.6 10.4 15.6

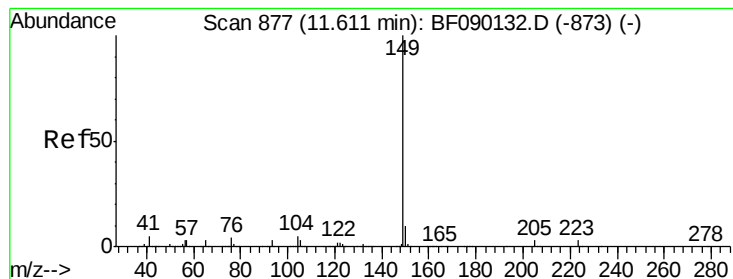


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.03 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

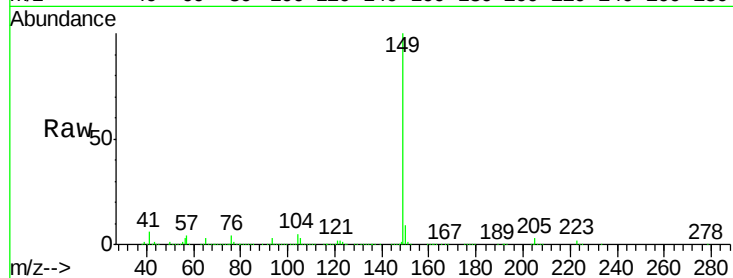
Tgt Ion:149 Resp: 859594

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

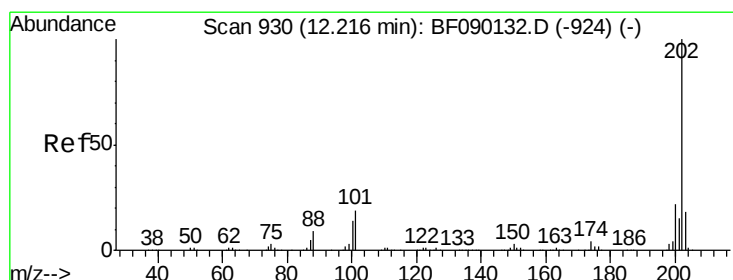
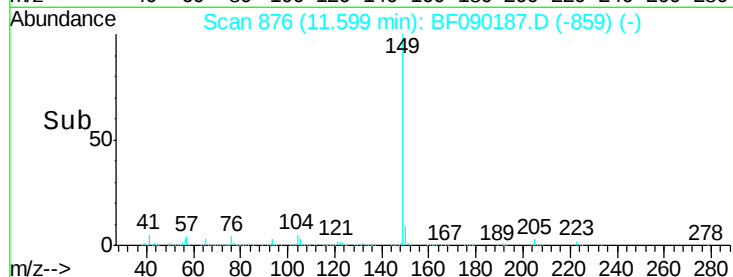
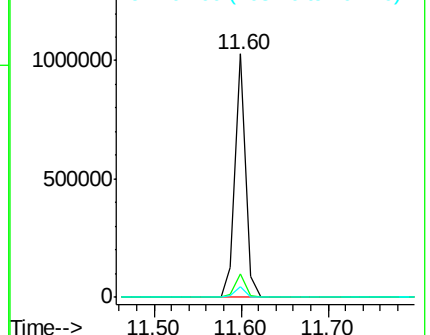
104 4.5 3.9 5.9



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: 58.35 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

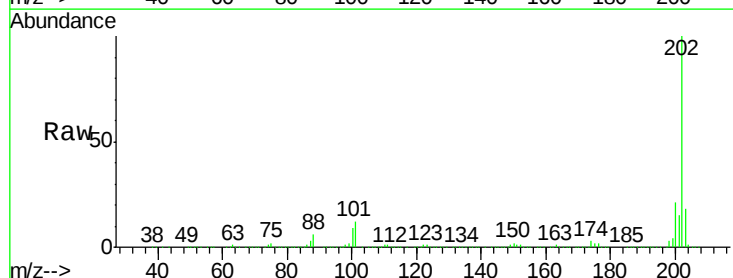
Tgt Ion:202 Resp: 772885

Ion Ratio Lower Upper

202 100

101 12.0 0.0 36.1

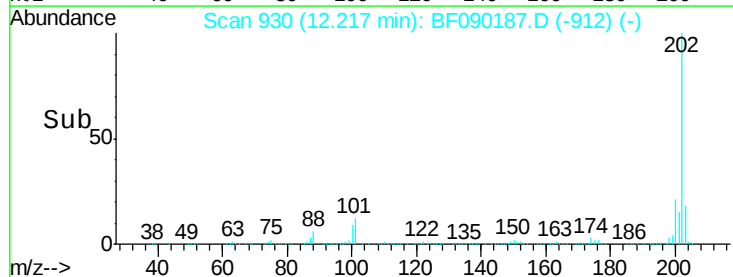
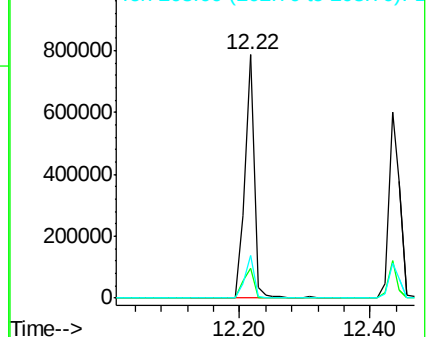
203 17.6 0.0 38.2

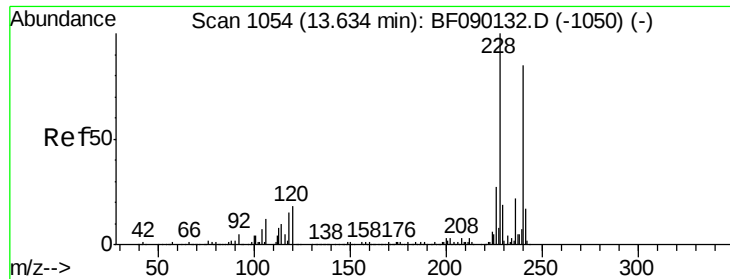


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

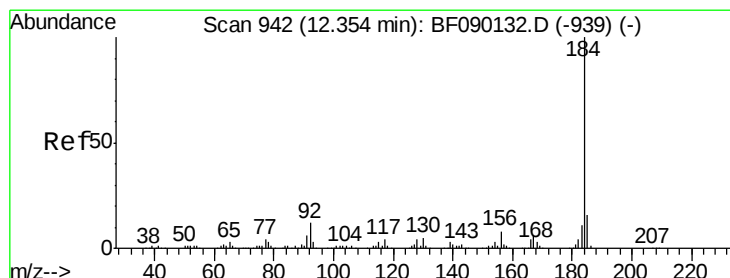
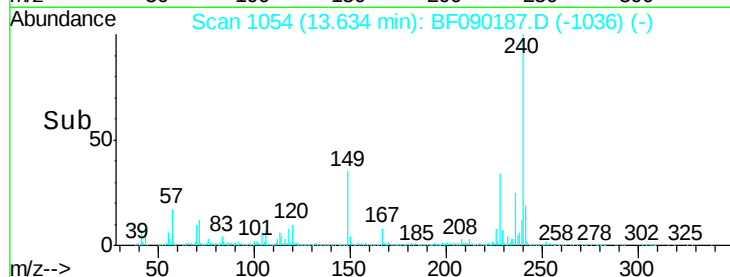
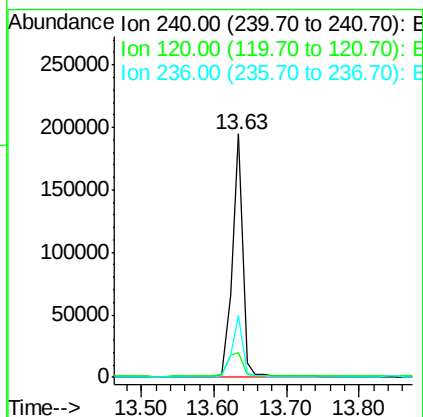
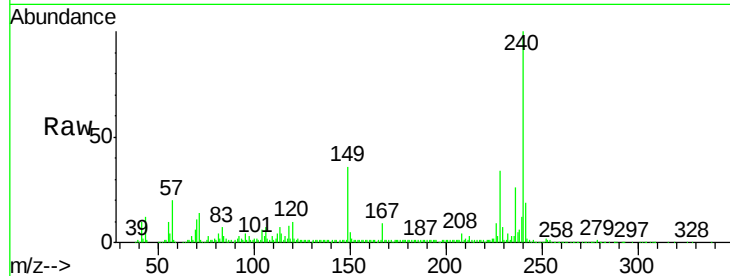




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

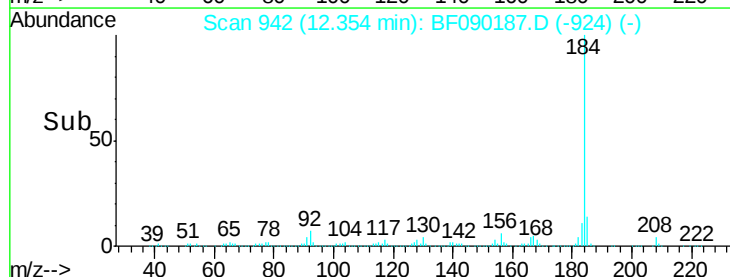
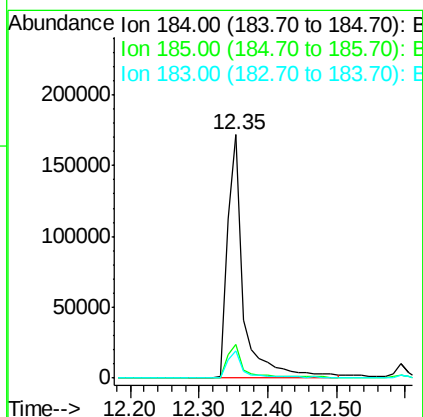
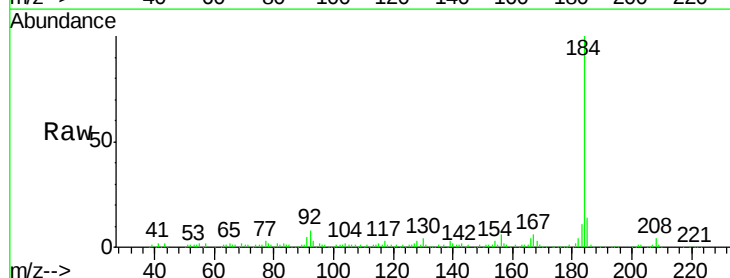
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

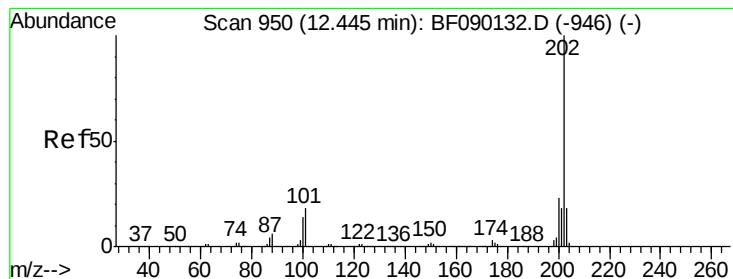
Tgt Ion:240 Resp: 197879
Ion Ratio Lower Upper
240 100
120 10.0 10.6 16.0#
236 25.6 21.6 32.4



#76
Benzidine
Concen: 42.43 ng
RT: 12.35 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Tgt Ion:184 Resp: 280996
Ion Ratio Lower Upper
184 100
185 14.1 13.2 19.8
183 11.4 9.2 13.8





#77

Pyrene

Concen: 53.08 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

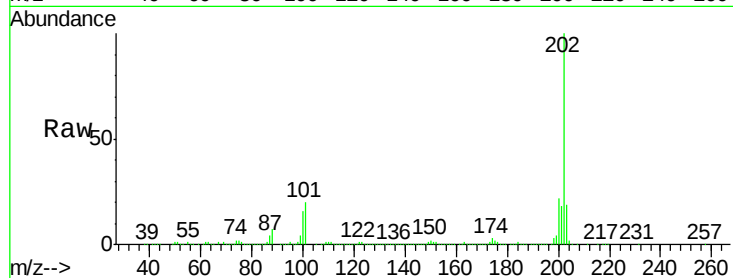
Tgt Ion:202 Resp: 718752

Ion Ratio Lower Upper

202 100

200 21.8 17.9 26.9

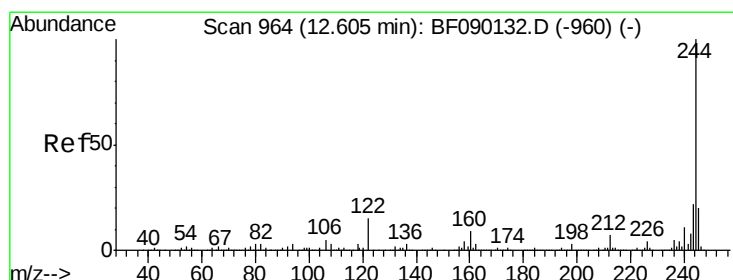
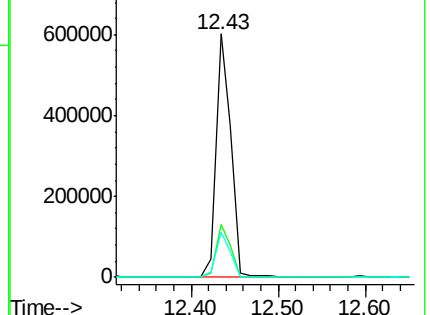
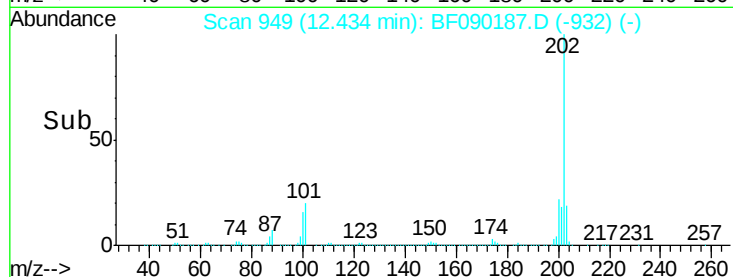
203 18.7 14.2 21.4



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: 104.15 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

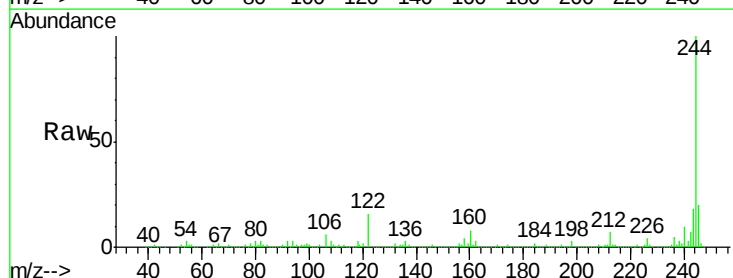
Tgt Ion:244 Resp: 811714

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

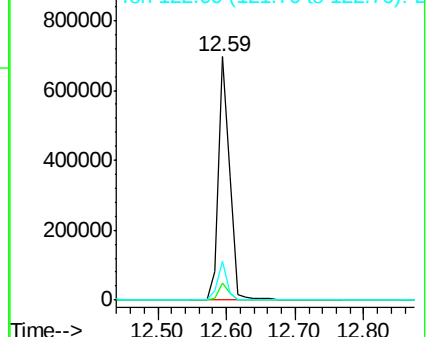
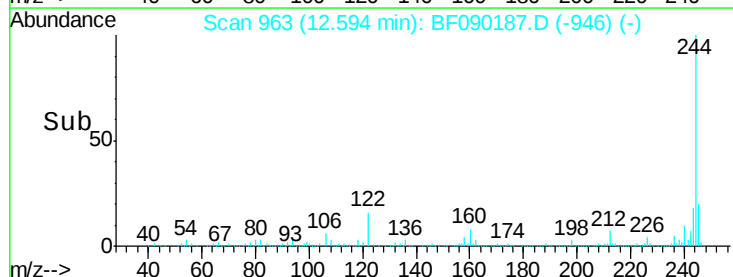
122 16.1 9.4 14.0#

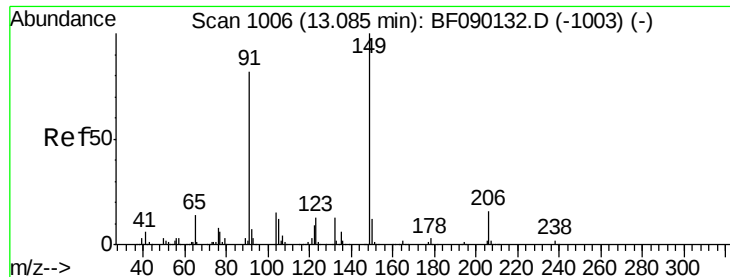


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

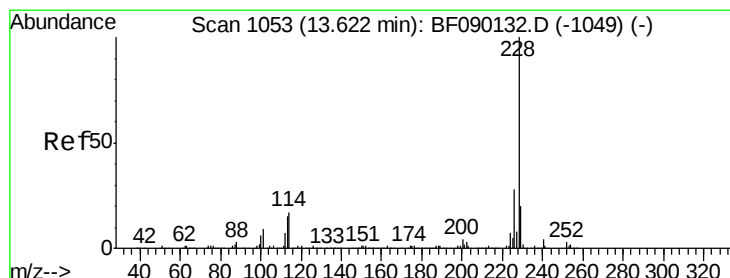
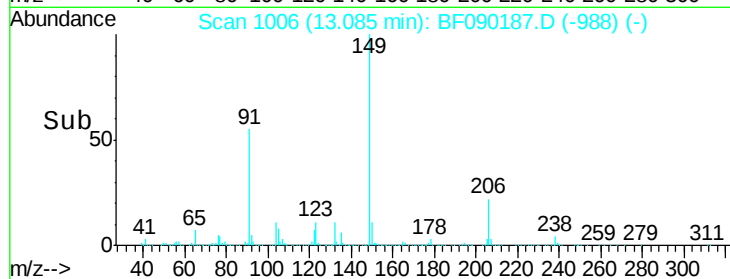
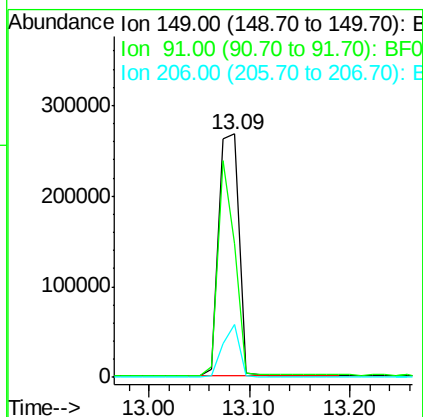
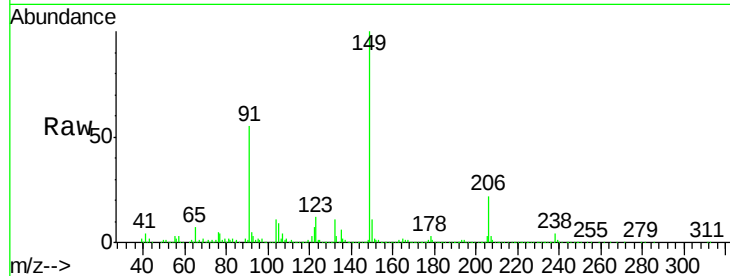




#79
Butylbenzylphthalate
Concen: 56.20 ng
RT: 13.09 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

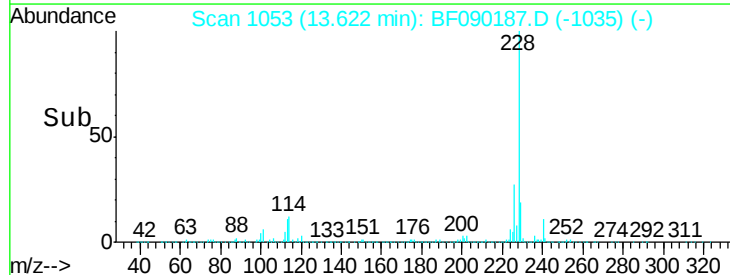
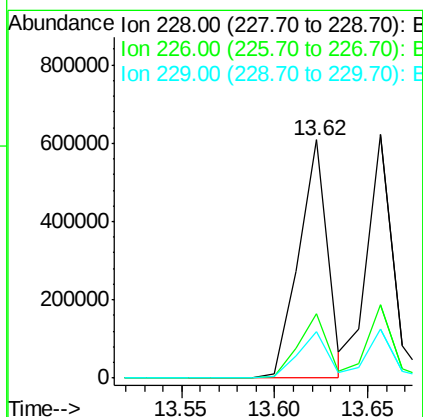
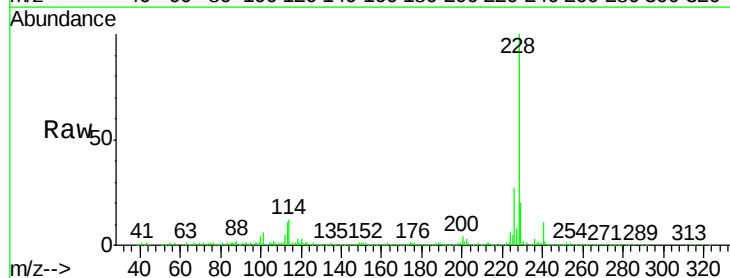
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

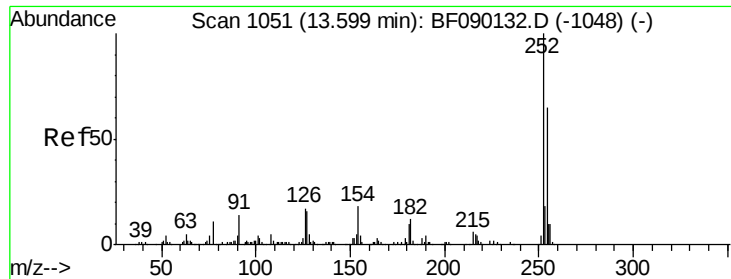
Tgt Ion:149 Resp: 372251
Ion Ratio Lower Upper
149 100
91 55.0 49.8 74.6
206 21.9 16.3 24.5



#80
Benzo(a)anthracene
Concen: 61.48 ng
RT: 13.62 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF090187.D
Acq: 22 Sep 2016 4:22

Tgt Ion:228 Resp: 654567
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.5 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 43.09 ng

RT: 13.60 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

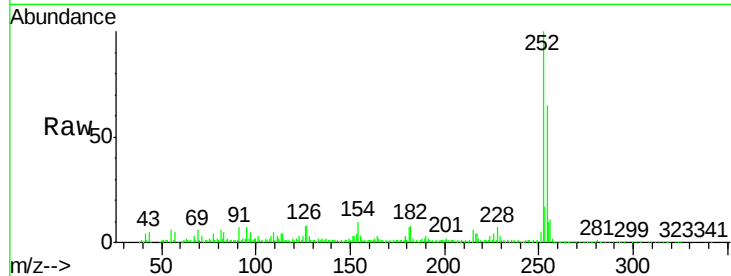
Tgt Ion:252 Resp: 189192

Ion Ratio Lower Upper

252 100

254 64.8 50.7 76.1

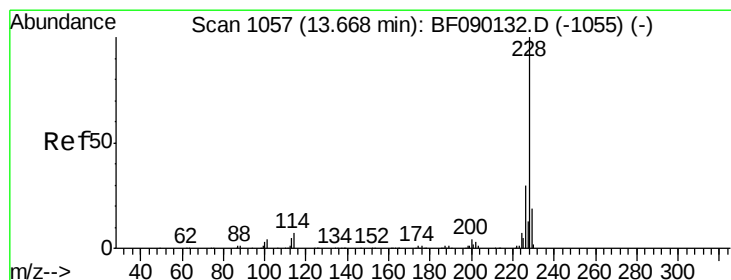
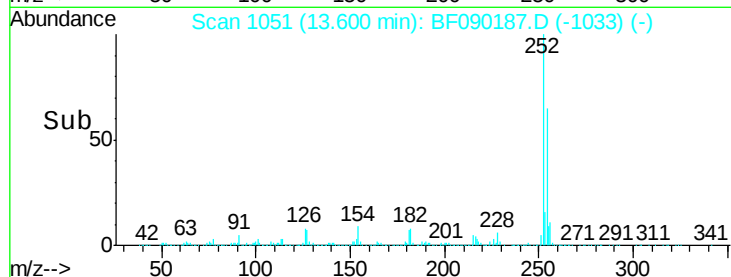
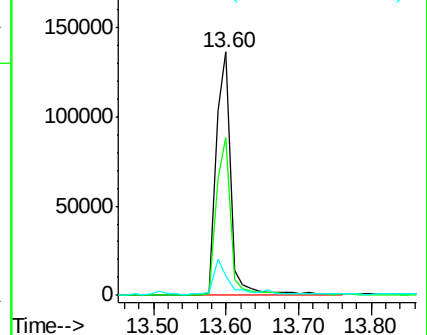
126 7.9 9.2 13.8#



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: 49.44 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

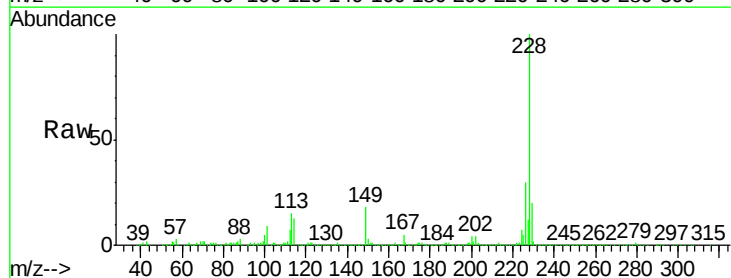
Tgt Ion:228 Resp: 512716

Ion Ratio Lower Upper

228 100

226 30.0 24.6 37.0

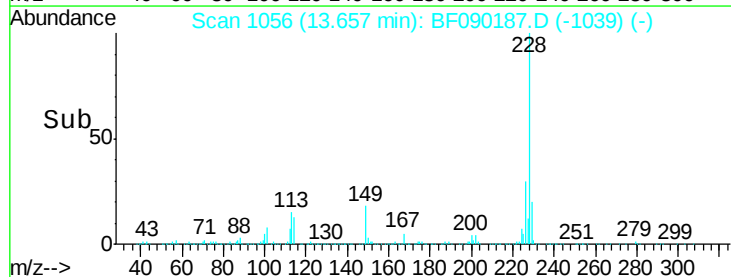
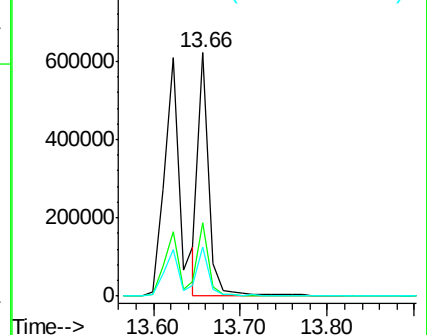
229 19.9 16.2 24.4

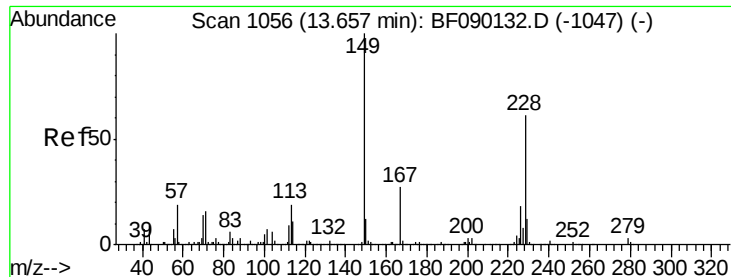


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

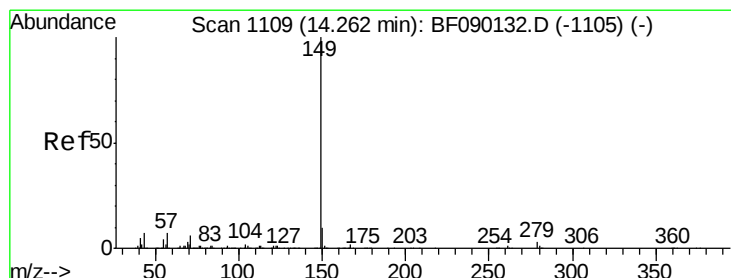
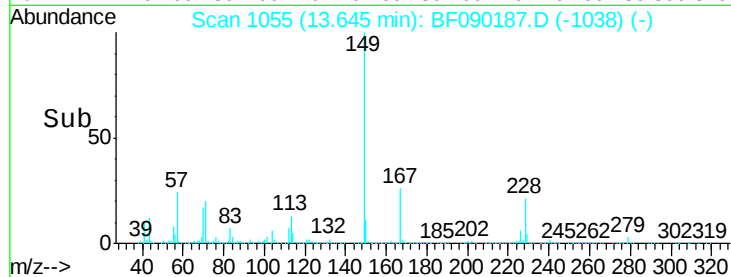
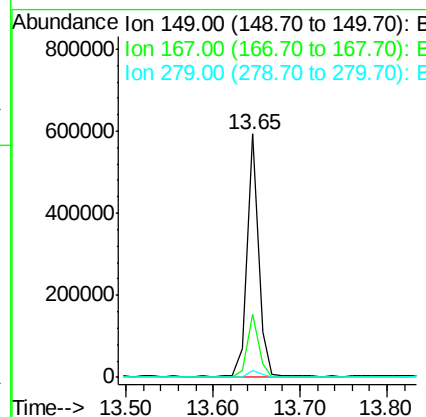
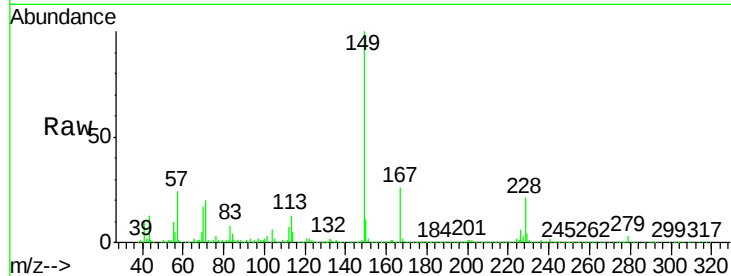




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.72 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

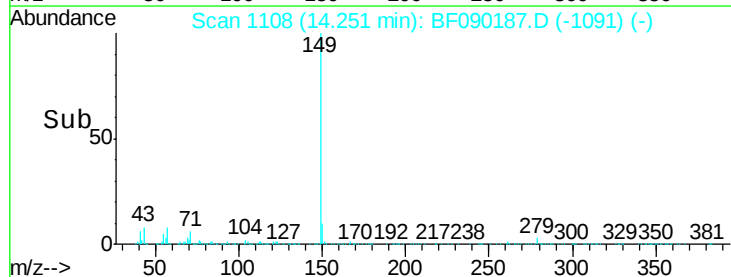
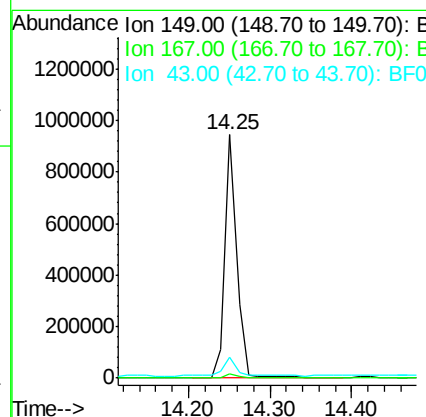
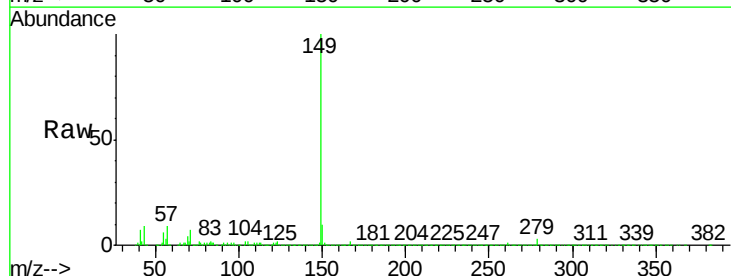
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

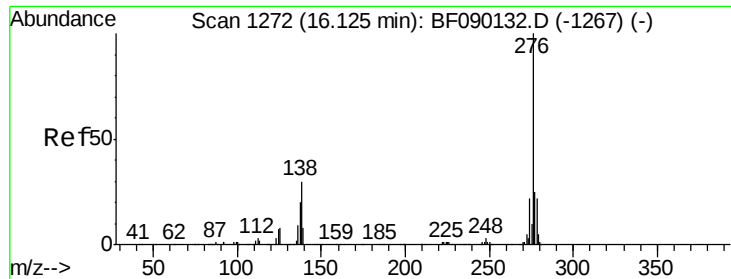
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.2	31.8
279	2.6	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 63.69 ng
 RT: 14.25 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.8	10.2

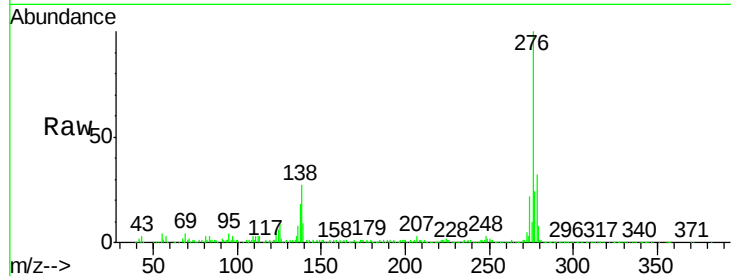




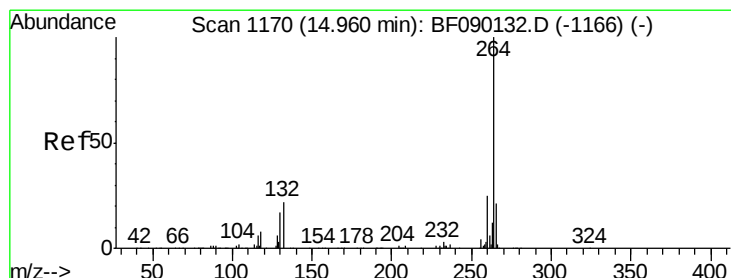
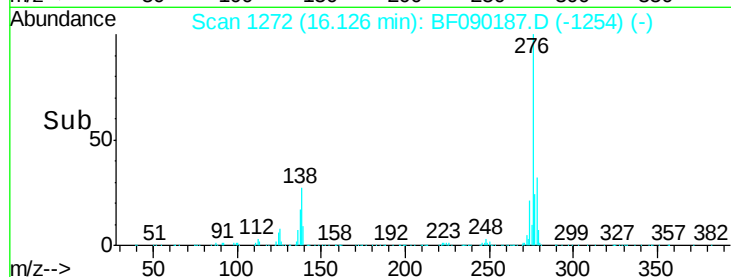
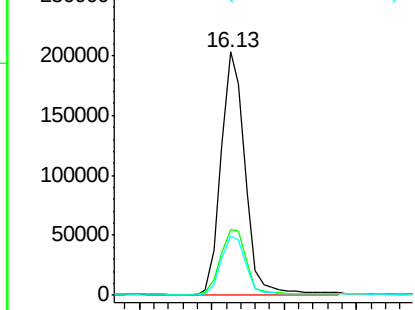
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.83 ng
 RT: 16.13 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.9	38.9
277	25.3	19.9	29.9

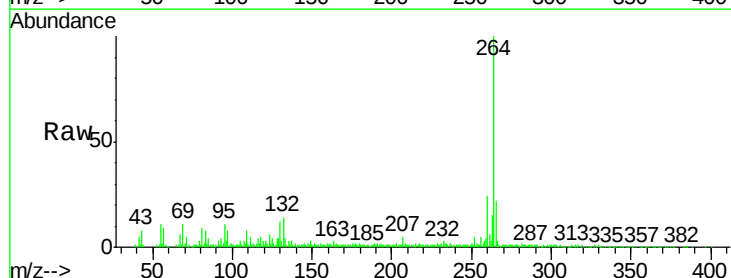


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

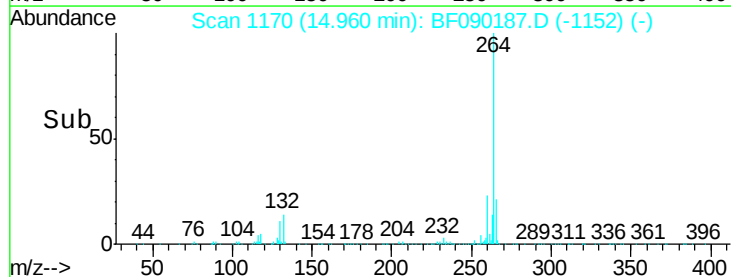
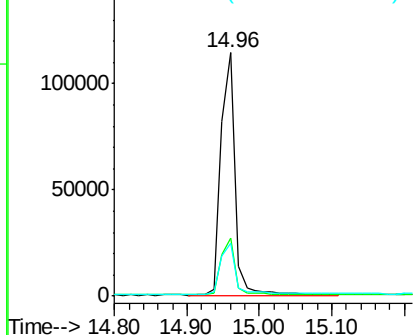


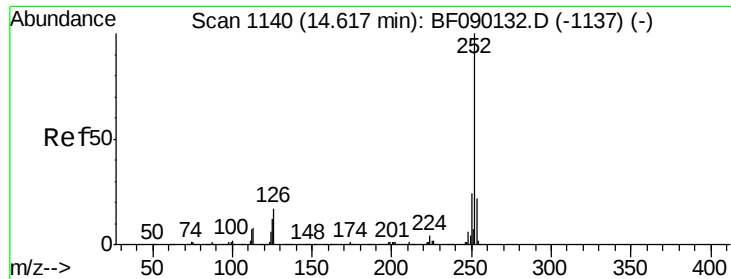
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF090187.D
 Acq: 22 Sep 2016 4:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.5	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 126.64 ng

RT: 14.64 min Scan# 1142

Delta R.T. 0.02 min

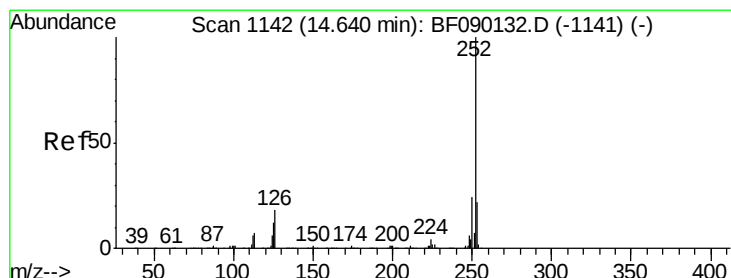
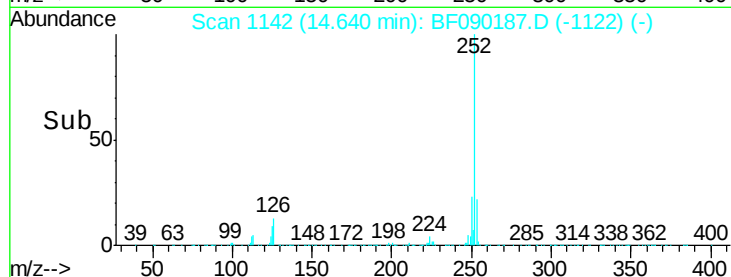
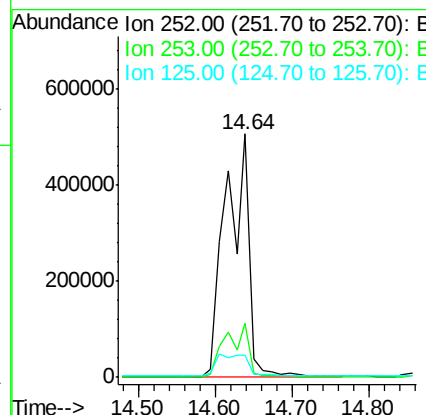
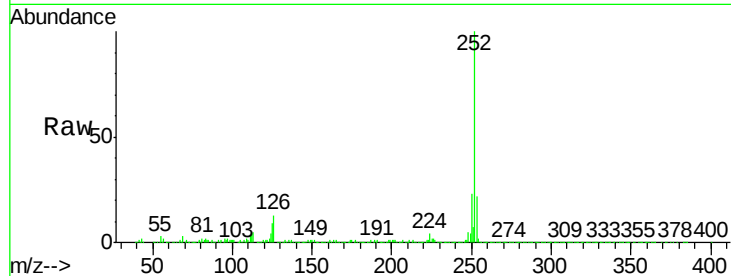
Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

Tgt Ion:252 Resp: 1081729

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.3	12.7	19.1#



#88

Benzo(k)fluoranthene

Concen: 135.08 ng

RT: 14.64 min Scan# 1142

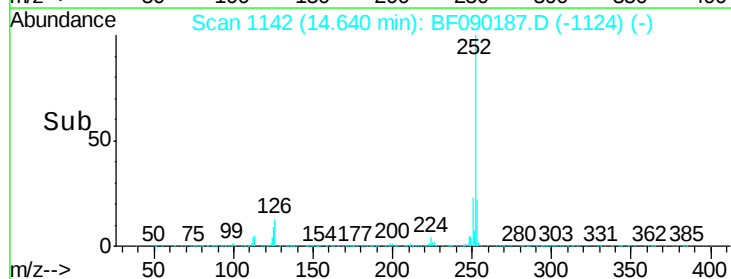
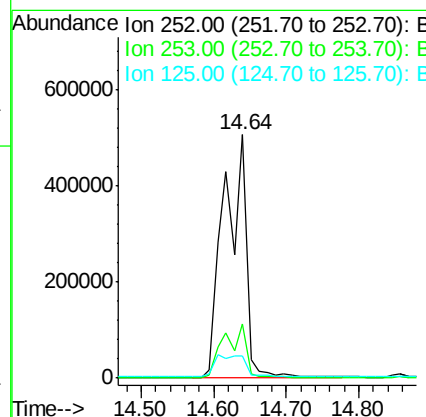
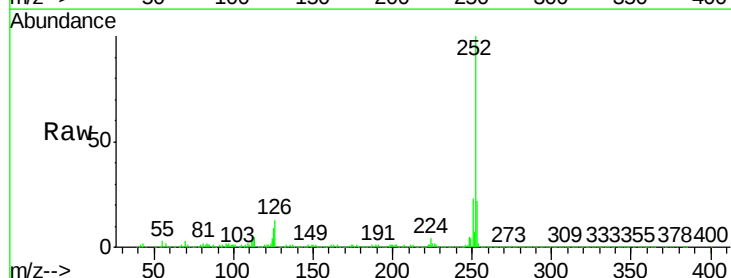
Delta R.T. 0.00 min

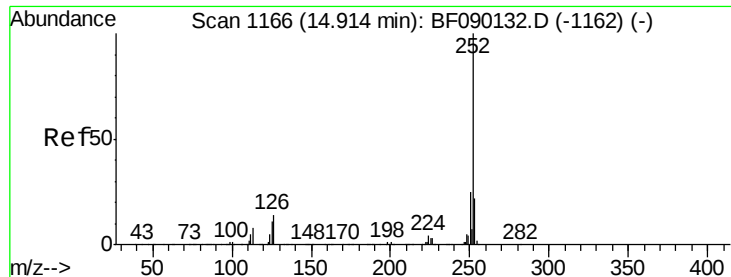
Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Tgt Ion:252 Resp: 1082847

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.3	7.8	11.6





#89

Benzo(a)pyrene

Concen: 59.39 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

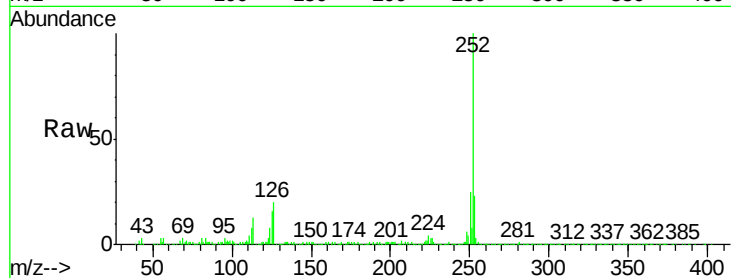
Tgt Ion: 252 Resp: 477182

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

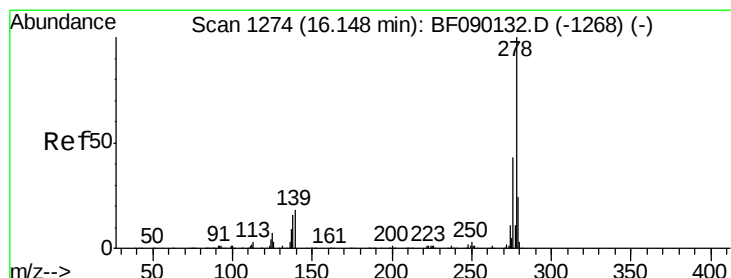
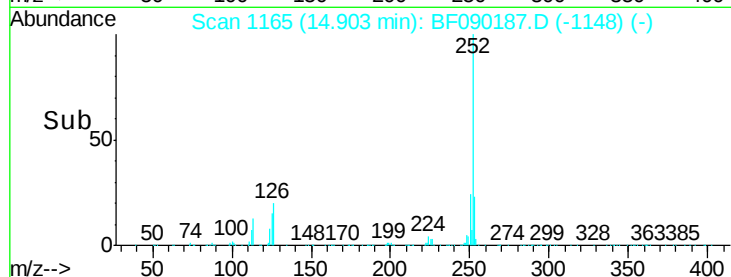
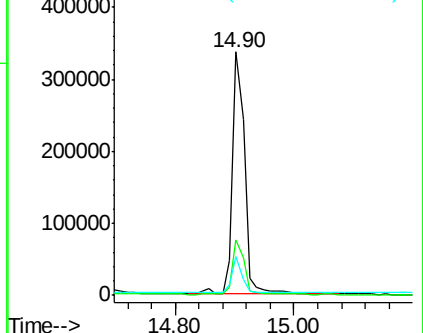
125 16.1 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 63.89 ng

RT: 16.14 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

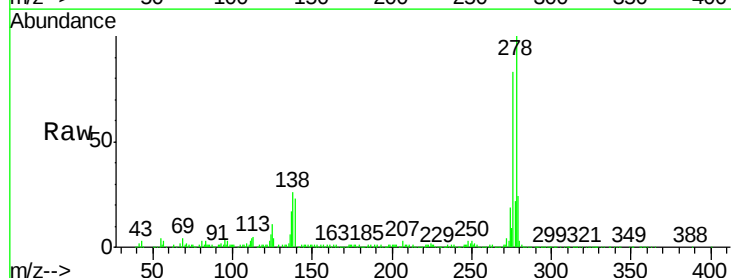
Tgt Ion: 278 Resp: 400578

Ion Ratio Lower Upper

278 100

139 22.8 14.6 21.8#

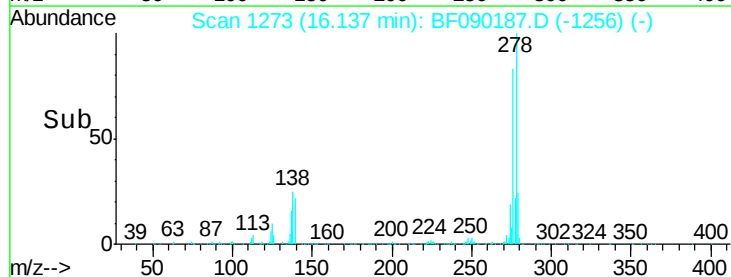
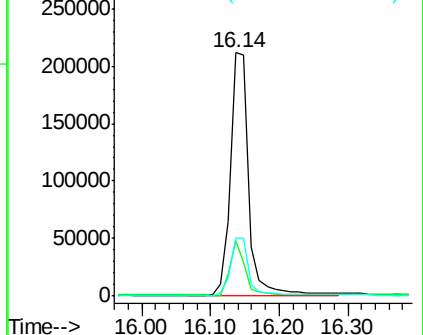
279 23.9 18.8 28.2

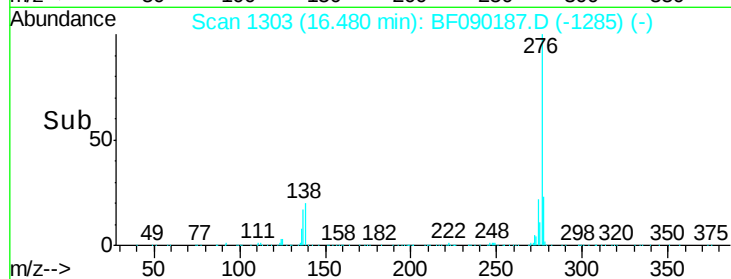
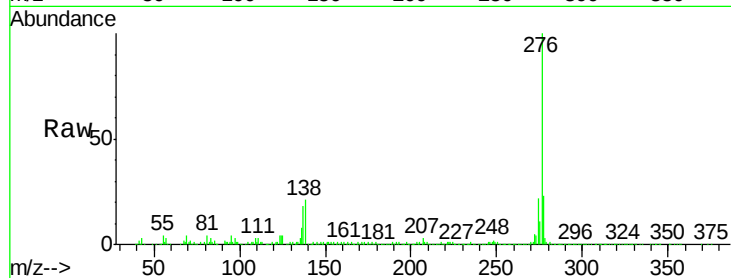
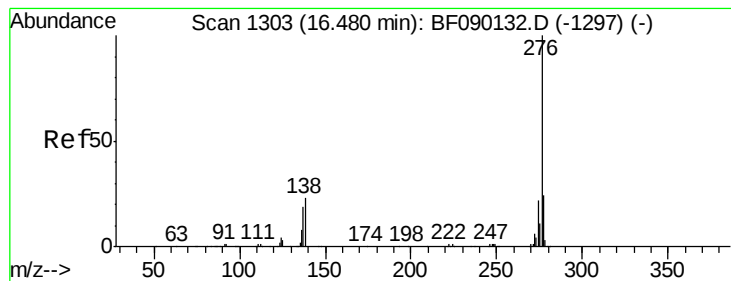


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 63.02 ng

RT: 16.48 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF090187.D

Acq: 22 Sep 2016 4:22

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

Tgt Ion: 276 Resp: 386725

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 20.9 23.3 34.9#

