

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
 Data File : BF090191.D
 Acq On : 22 Sep 2016 17:12
 Operator : UM/SJ
 Sample : H4856-09MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 23 01:10:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 01:02:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	175055	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	696035	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	338104	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	497152	20.00	ng	0.00
75) Chrysene-d12	13.61	240	266306	20.00	ng	0.00
86) Perylene-d12	14.94	264	292348	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	1070509	99.68	ng	0.02
7) Phenol-d6	6.17	99	1525936	115.05	ng	0.01
23) Nitrobenzene-d5	7.07	82	915480	76.24	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	287257	99.03	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	1551087	90.06	ng	0.00
78) Terphenyl-d14	12.58	244	911896	86.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	164716	28.27	ng	97
3) Pyridine	2.55	79	372822	29.50	ng	99
4) n-Nitrosodimethylamine	2.50	42	155987	41.36	ng	93
6) Aniline	6.16	93	216465	13.09	ng	# 90
8) 2-Chlorophenol	6.28	128	454809	36.81	ng	92
9) Benzaldehyde	6.03	77	50111	8.67	ng	99
10) Phenol	6.18	94	656097	41.84	ng	# 64
11) bis(2-Chloroethyl)ether	6.25	93	469387	38.39	ng	96
12) 1,3-Dichlorobenzene	6.43	146	474532	36.76	ng	96
13) 1,4-Dichlorobenzene	6.51	146	475258	36.06	ng	97
14) 1,2-Dichlorobenzene	6.67	146	464593	39.57	ng	95
15) Benzyl Alcohol	6.66	79	342317	43.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	522677	35.77	ng	87
17) 2-Methylphenol	6.79	107	381094	39.15	ng	96
18) Hexachloroethane	7.02	117	186884	39.75	ng	# 79
19) n-Nitroso-di-n-propylamine	6.94	70	342004	43.90	ng	97
20) 3+4-Methylphenols	6.95	107	500526	42.83	ng	96
22) Acetophenone	6.92	105	615393	36.66	ng	# 98
24) Nitrobenzene	7.10	77	516521	41.29	ng	92
25) Isophorone	7.34	82	946719	37.74	ng	97
26) 2-Nitrophenol	7.42	139	262947	42.68	ng	# 85
27) 2,4-Dimethylphenol	7.47	122	437307	39.95	ng	99
28) bis(2-Chloroethoxy)methane	7.56	93	642526	42.34	ng	99
29) 2,4-Dichlorophenol	7.66	162	362442	37.75	ng	87
30) 1,2,4-Trichlorobenzene	7.74	180	386198	40.27	ng	99
31) Naphthalene	7.82	128	1403001	42.33	ng	99
32) Benzoic acid	7.55	122	15803	2.10	ng	93
33) 4-Chloroaniline	7.87	127	118339	8.61	ng	96
34) Hexachlorobutadiene	7.94	225	205702	40.66	ng	98
35) Caprolactam	8.25	113	100343m	31.58	ng	
36) 4-Chloro-3-methylphenol	8.38	107	409800	37.77	ng	96
37) 2-Methylnaphthalene	8.50	142	827274	40.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	312575	40.28	ng	98
40) Hexachlorocyclopentadiene	8.66	237	310513	81.08	ng	99

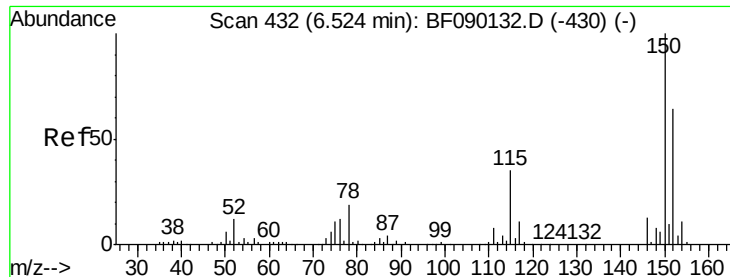
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
 Data File : BF090191.D
 Acq On : 22 Sep 2016 17:12
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	228424	41.30	ng	98
43) 2,4,5-Trichlorophenol	8.83	196	223194	38.98	ng	# 88
45) 1,1'-Biphenyl	8.97	154	939445	38.84	ng	97
46) 2-Chloronaphthalene	8.98	162	762587	42.73	ng	97
47) 2-Nitroaniline	9.10	65	234450	43.58	ng	# 79
48) Acenaphthylene	9.39	152	1081217	37.31	ng	99
49) Dimethylphthalate	9.29	163	1378236	64.00	ng	100
50) 2,6-Dinitrotoluene	9.34	165	183615	38.26	ng	97
51) Acenaphthene	9.56	154	645331	37.51	ng	99
52) 3-Nitroaniline	9.50	138	141152	25.08	ng	87
53) 2,4-Dinitrophenol	9.61	184	52974	22.10	ng	93
54) Dibenzofuran	9.74	168	936338	41.36	ng	95
55) 4-Nitrophenol	9.69	139	253548	65.77	ng	96
56) 2,4-Dinitrotoluene	9.74	165	210193	37.04	ng	95
57) Fluorene	10.08	166	718192	42.10	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.86	232	174105	40.61	ng	98
59) Diethylphthalate	9.98	149	916355	44.06	ng	99
60) 4-Chlorophenyl-phenylether	10.08	204	308852	39.70	ng	91
61) 4-Nitroaniline	10.11	138	197414	34.42	ng	90
62) Azobenzene	10.24	77	1010395	46.67	ng	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	86275	27.71	ng	87
65) n-Nitrosodiphenylamine	10.20	169	743958	45.51	ng	100
66) 4-Bromophenyl-phenylether	10.56	248	201710	41.23	ng	# 81
67) Hexachlorobenzene	10.62	284	238293	41.79	ng	# 83
68) Atrazine	10.74	200	216445	48.32	ng	97
69) Pentachlorophenol	10.82	266	204306	63.13	ng	98
70) Phenanthrene	11.03	178	1038290	44.66	ng	99
71) Anthracene	11.07	178	993975	40.76	ng	99
72) Carbazole	11.23	167	926231	35.93	ng	98
73) Di-n-butylphthalate	11.59	149	1252778	41.79	ng	100
74) Fluoranthene	12.21	202	952004	38.15	ng	91
76) Benzidine	12.33	184	102694	11.52	ng	99
77) Pyrene	12.42	202	834267	45.78	ng	99
79) Butylbenzylphthalate	13.06	149	404969	45.43	ng	# 75
80) Benzo(a)anthracene	13.60	228	655637	45.76	ng	99
81) 3,3'-Dichlorobenzidine	13.58	252	95813	16.22	ng	# 97
82) Chrysene	13.65	228	617673	44.26	ng	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	553813	48.55	ng	100
84) Di-n-octyl phthalate	14.24	149	919912	46.81	ng	100
85) Indeno(1,2,3-cd)pyrene	16.10	276	654225	57.98	ng	97
87) Benzo(b)fluoranthene	14.59	252	640917m	39.59	ng	
88) Benzo(k)fluoranthene	14.62	252	639434m	42.09	ng	
89) Benzo(a)pyrene	14.89	252	631050	41.44	ng	# 96
90) Dibenzo(a,h)anthracene	16.11	278	557886	46.95	ng	98
91) Benzo(g,h,i)perylene	16.45	276	534272	45.94	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090191.D

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BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

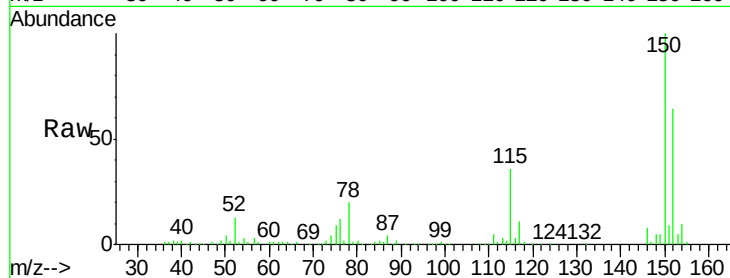
Tgt Ion:152 Resp: 175055

Ion Ratio Lower Upper

152 100

150 156.4 128.9 193.3

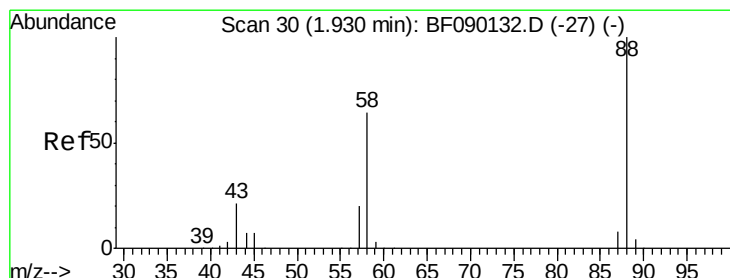
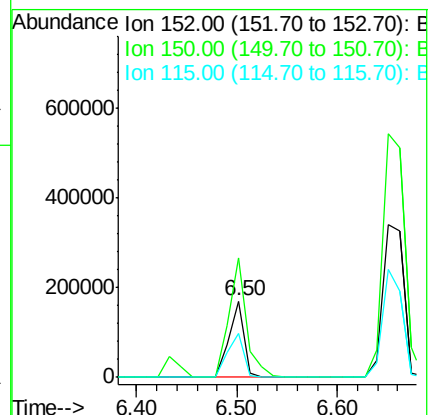
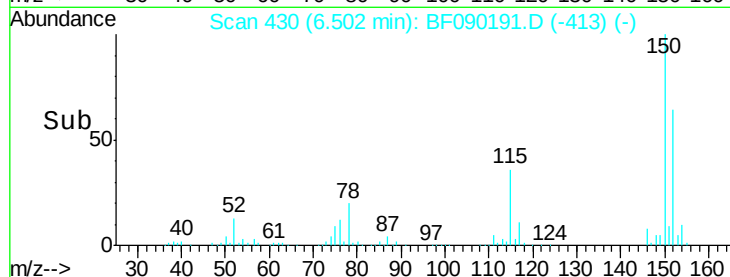
115 57.0 55.5 83.3



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: 28.27 ng

RT: 1.95 min Scan# 32

Delta R.T. 0.07 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

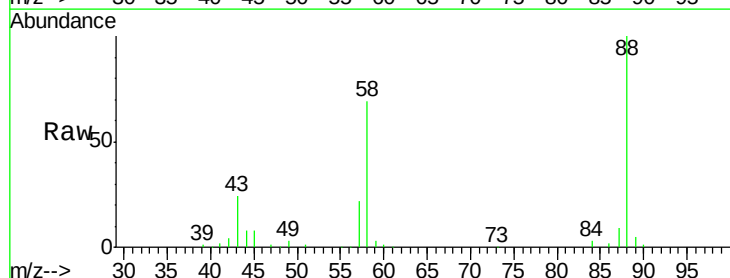
Tgt Ion: 88 Resp: 164716

Ion Ratio Lower Upper

88 100

58 64.1 53.4 80.0

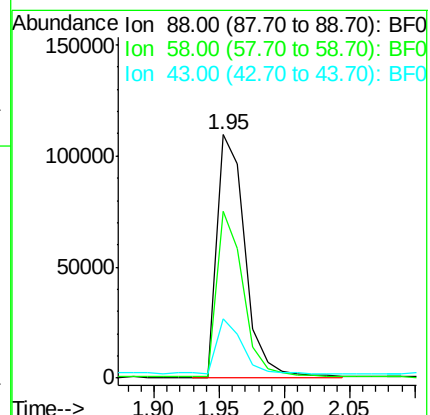
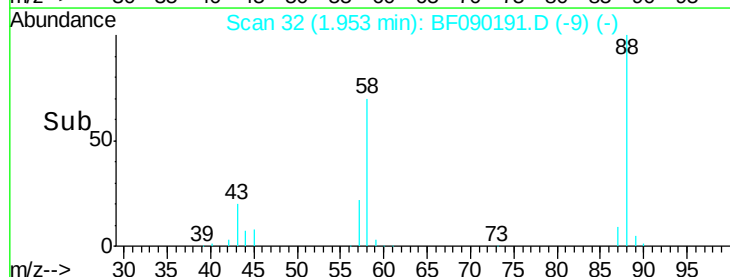
43 20.6 16.5 24.7

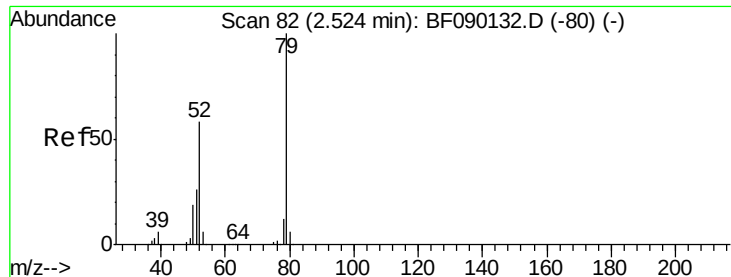


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.50 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.07 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

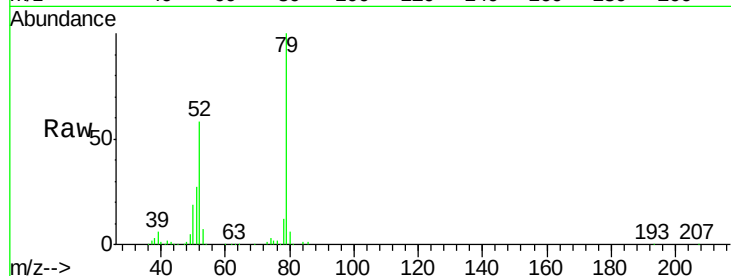
Tgt Ion: 79 Resp: 372822

Ion Ratio Lower Upper

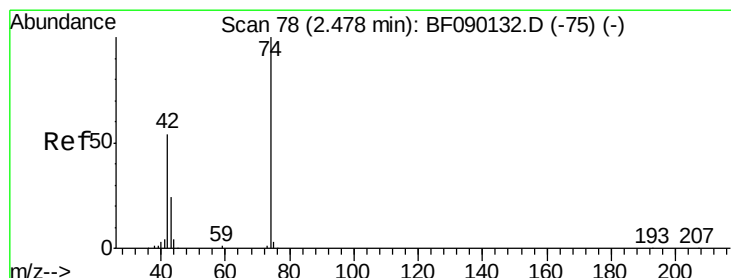
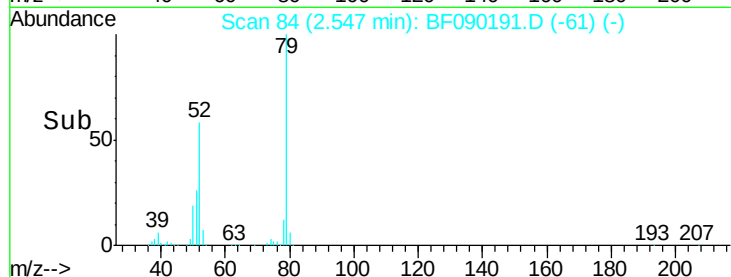
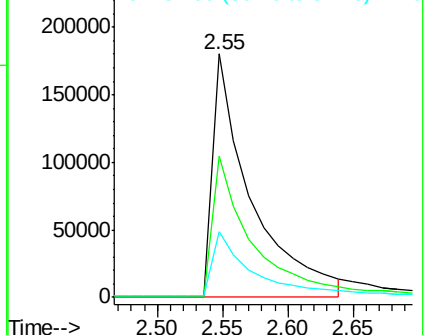
79 100

52 57.8 45.9 68.9

51 27.0 21.3 31.9



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.36 ng

RT: 2.50 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

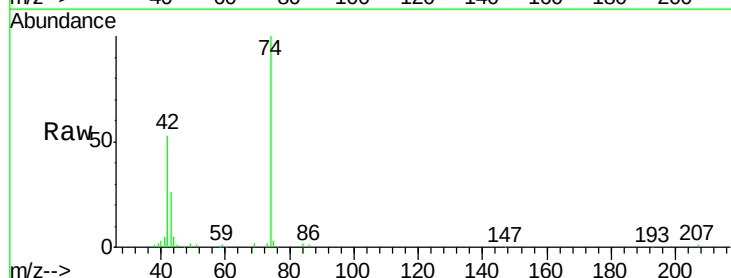
Tgt Ion: 42 Resp: 155987

Ion Ratio Lower Upper

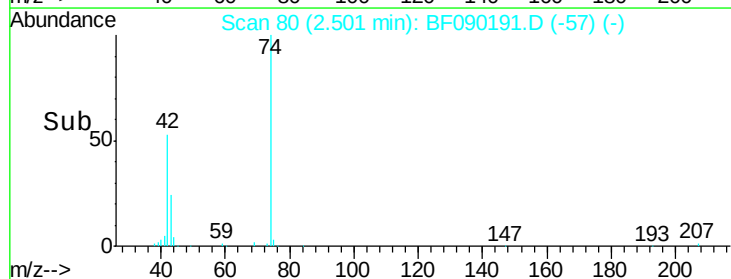
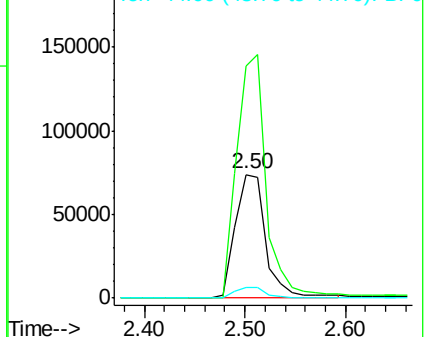
42 100

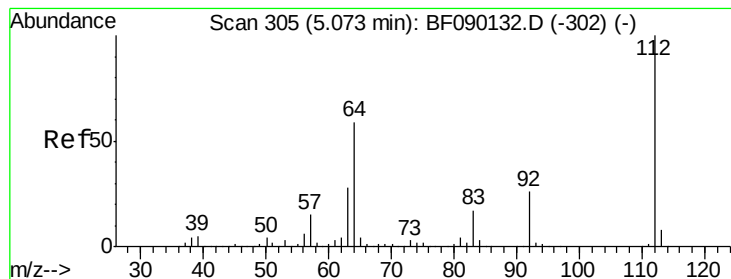
74 187.1 158.7 238.1

44 8.7 6.4 9.6



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.68 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

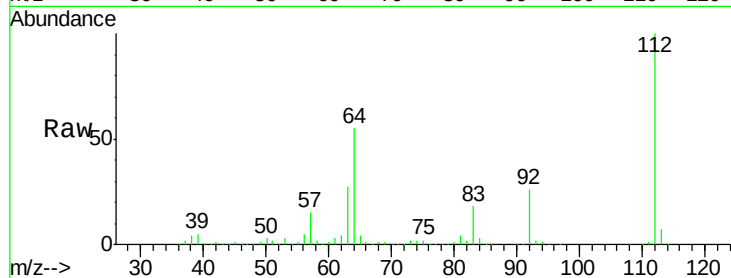
Tgt Ion: 112 Resp: 1070509

Ion Ratio Lower Upper

112 100

64 55.0 39.8 59.6

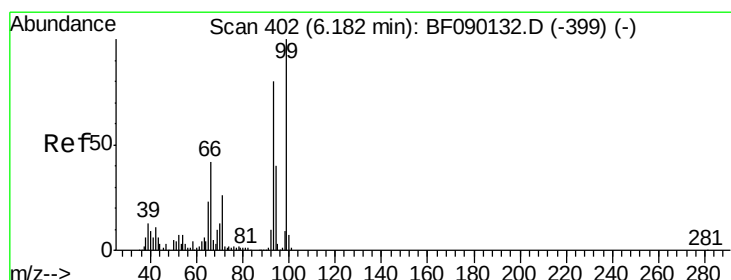
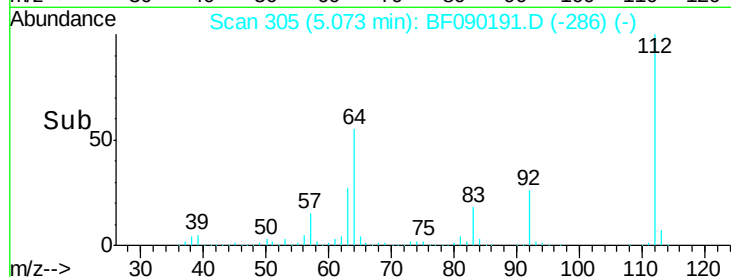
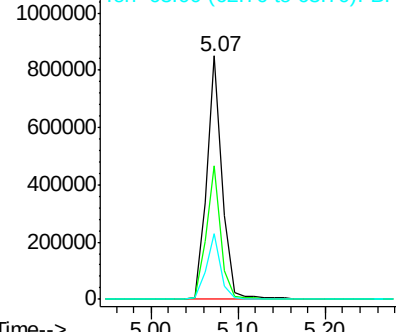
63 26.7 18.9 28.3



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: 13.09 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

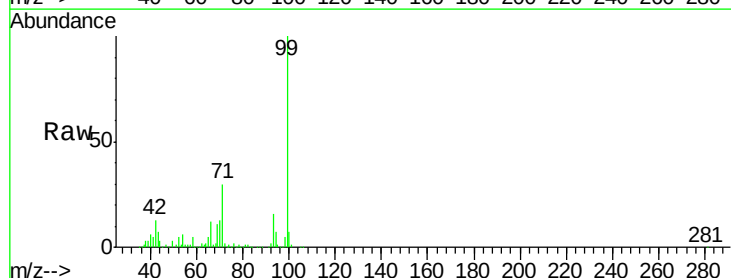
Tgt Ion: 93 Resp: 216465

Ion Ratio Lower Upper

93 100

66 71.9 54.2 81.2

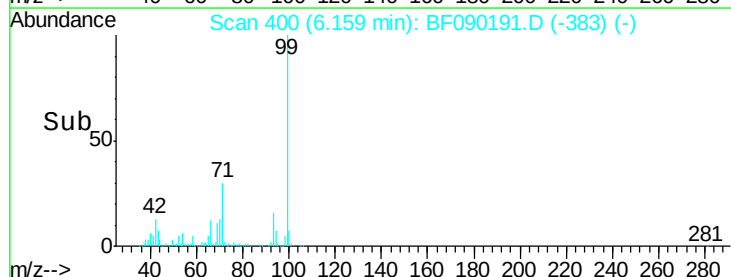
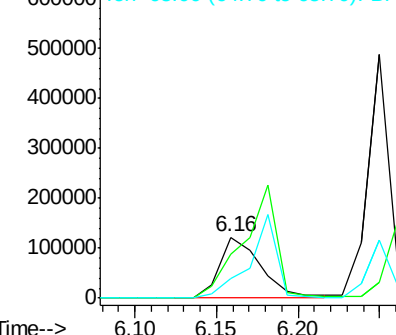
65 31.1 33.8 50.6#

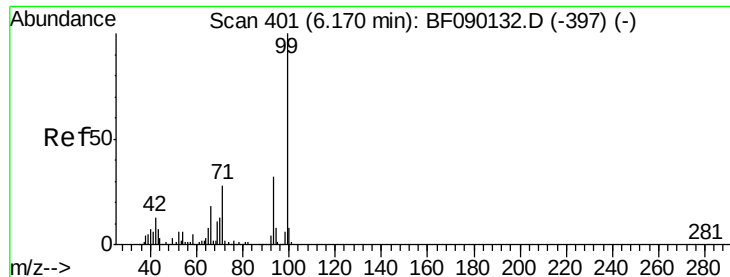


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.05 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF090191.D

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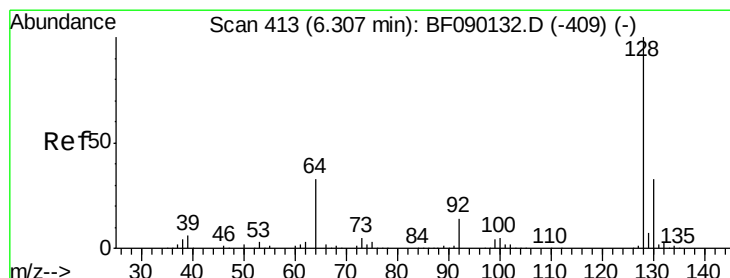
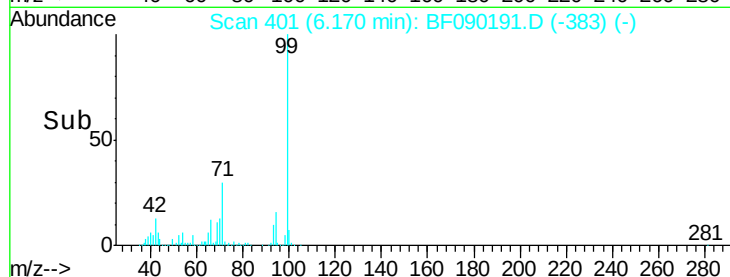
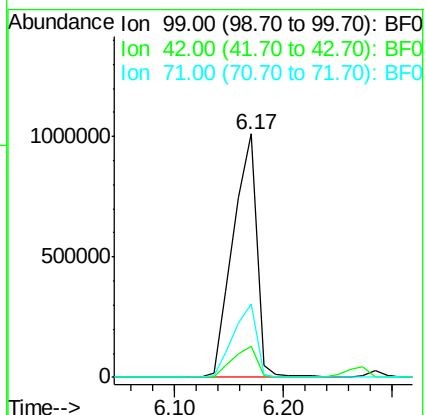
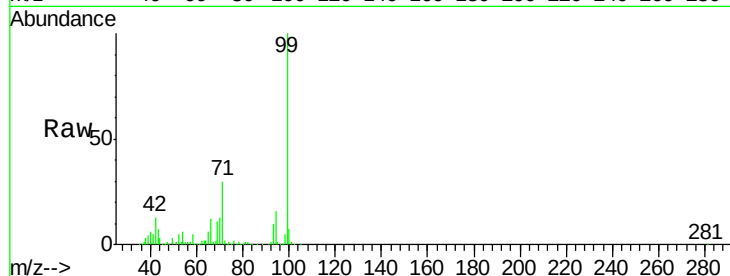
Tgt Ion: 99 Resp: 1525936

Ion Ratio Lower Upper

99 100

42 12.6 10.6 15.8

71 30.0 23.0 34.6



#8

2-Chlorophenol

Concen: 36.81 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

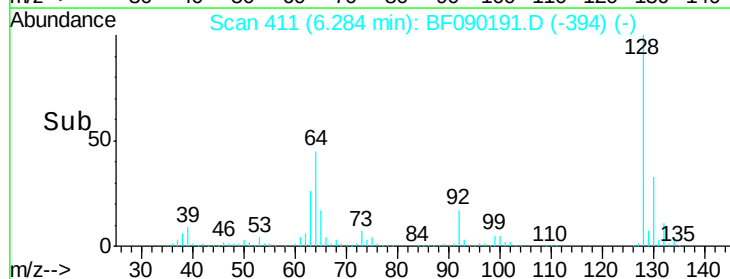
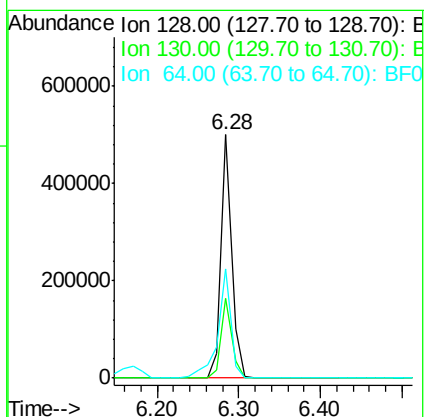
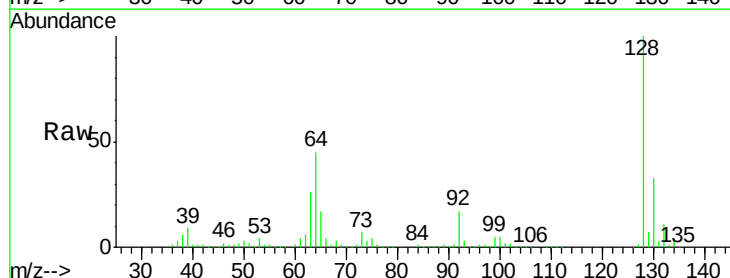
Tgt Ion: 128 Resp: 454809

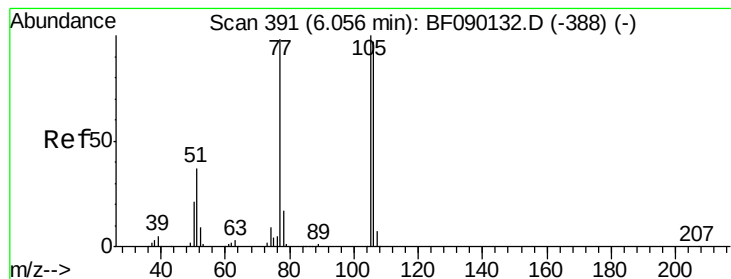
Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 45.0 33.6 73.6





#9

Benzaldehyde

Concen: 8.67 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

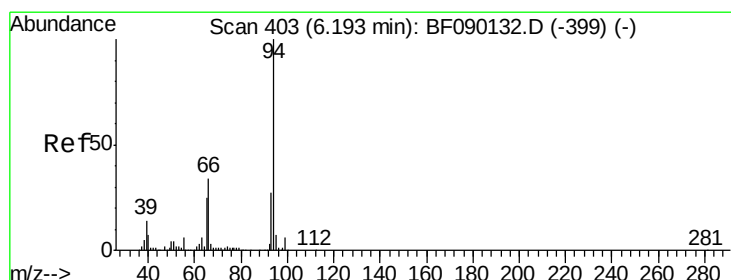
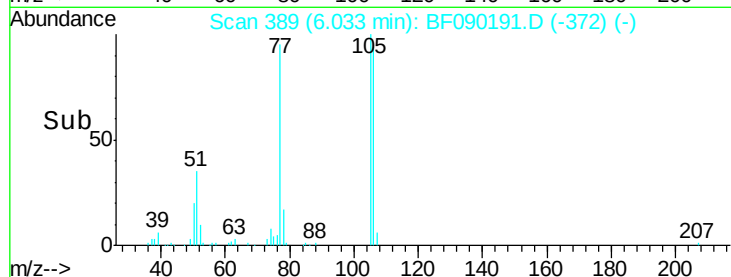
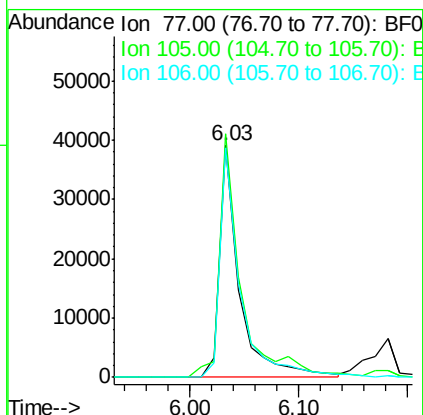
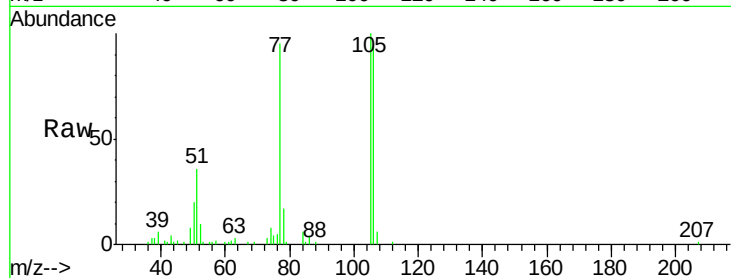
Tgt Ion: 77 Resp: 50111

Ion Ratio Lower Upper

77 100

105 105.0 83.0 123.0

106 98.7 78.5 118.5



#10

Phenol

Concen: 41.84 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

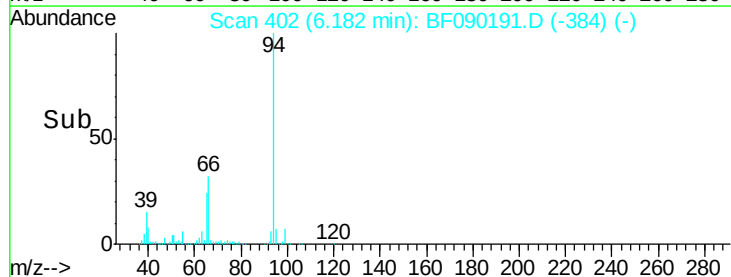
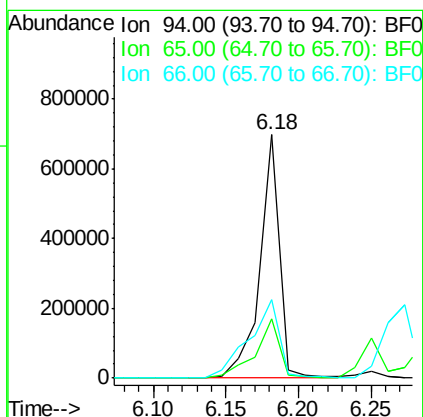
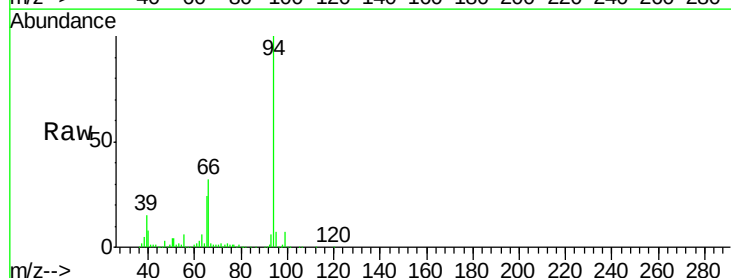
Tgt Ion: 94 Resp: 656097

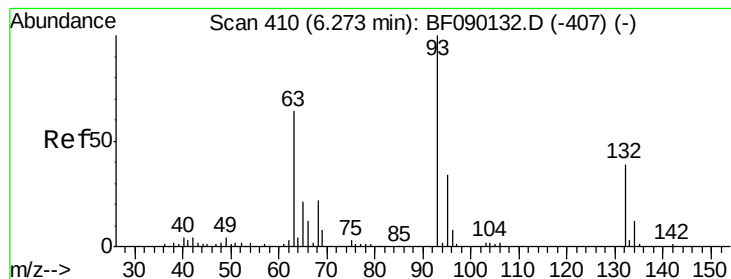
Ion Ratio Lower Upper

94 100

65 24.2 20.6 60.6

66 32.3 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 38.39 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

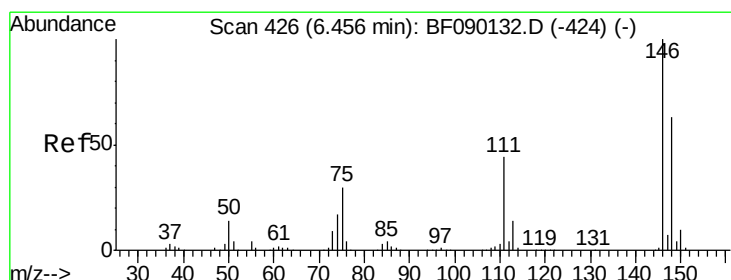
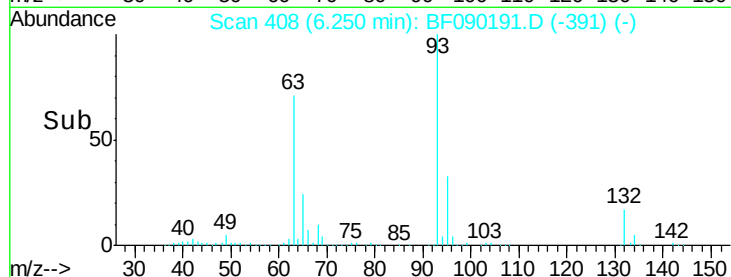
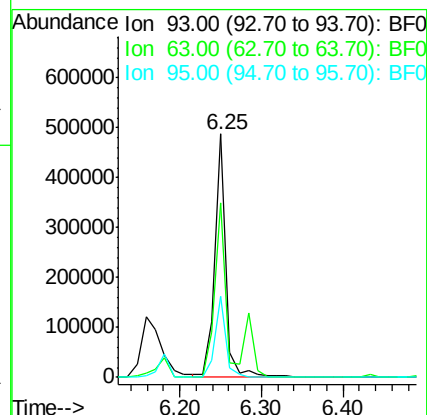
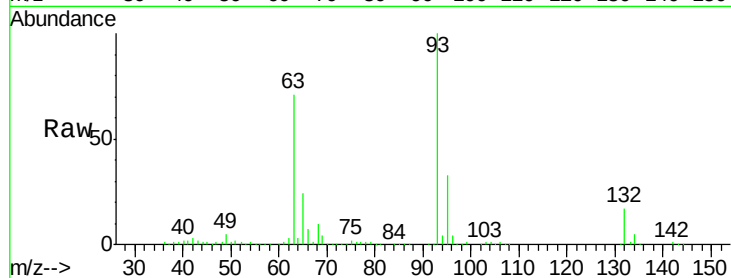
Tgt Ion: 93 Resp: 469387

Ion Ratio Lower Upper

93 100

63 71.4 55.6 95.6

95 33.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 36.76 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

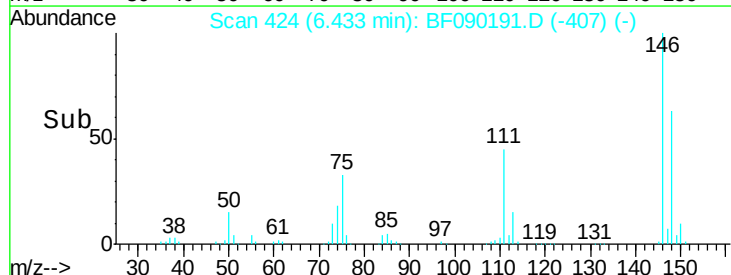
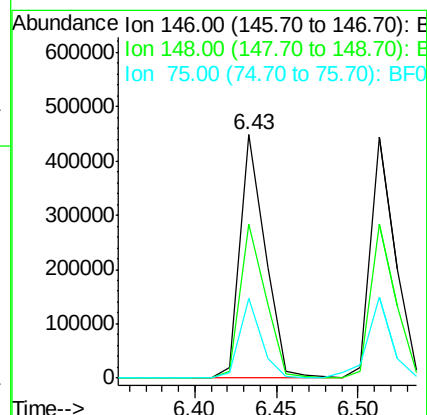
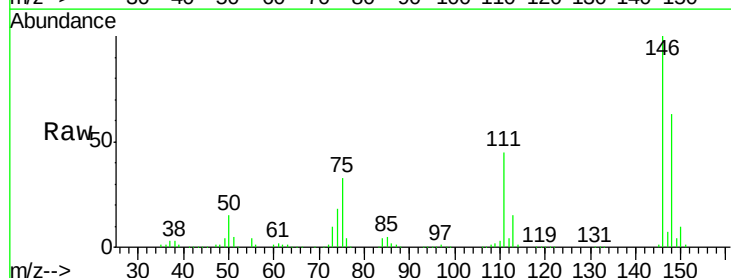
Tgt Ion: 146 Resp: 474532

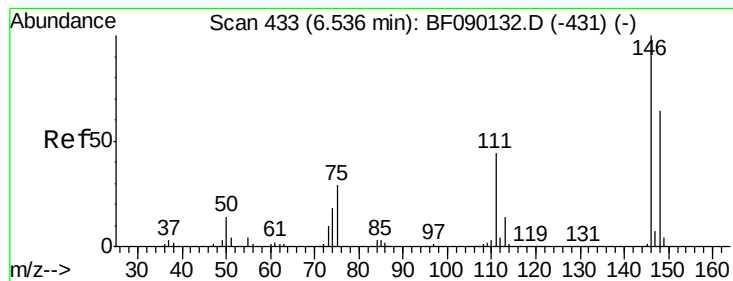
Ion Ratio Lower Upper

146 100

148 63.2 51.9 77.9

75 32.6 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 36.06 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

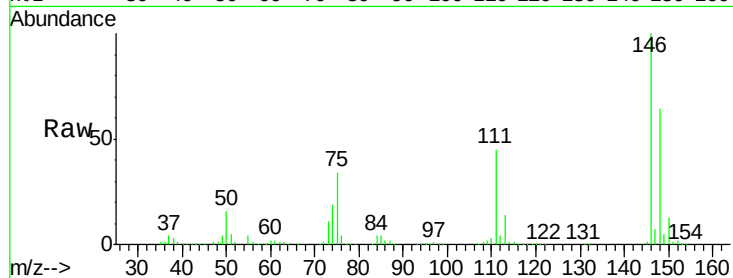
Tgt Ion:146 Resp: 475258

Ion Ratio Lower Upper

146 100

148 63.6 52.0 78.0

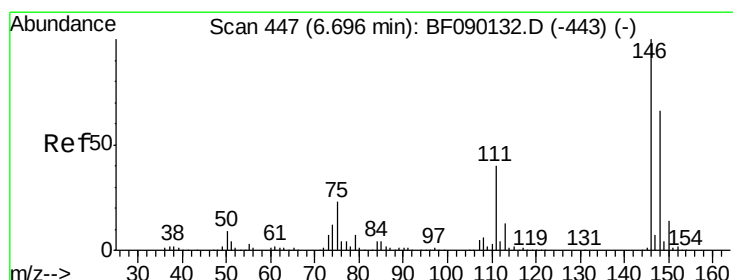
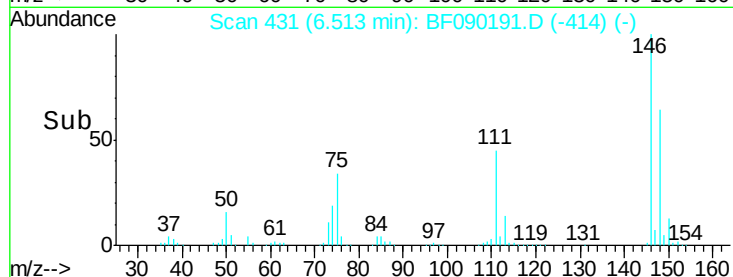
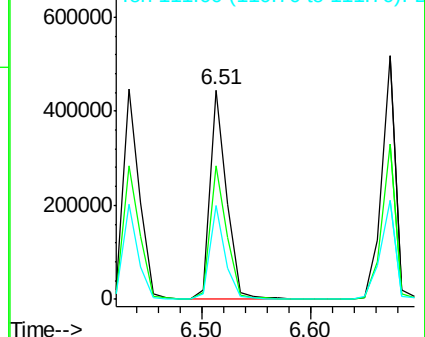
111 44.7 33.8 50.6



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: 39.57 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

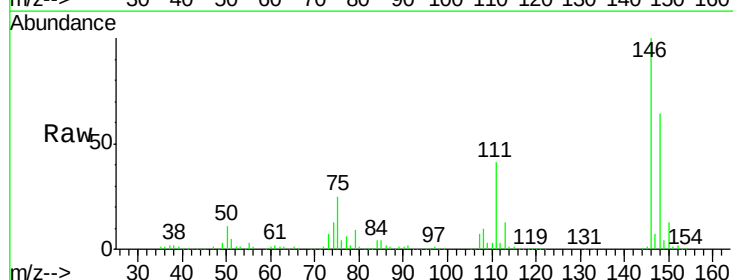
Tgt Ion:146 Resp: 464593

Ion Ratio Lower Upper

146 100

148 63.9 52.6 79.0

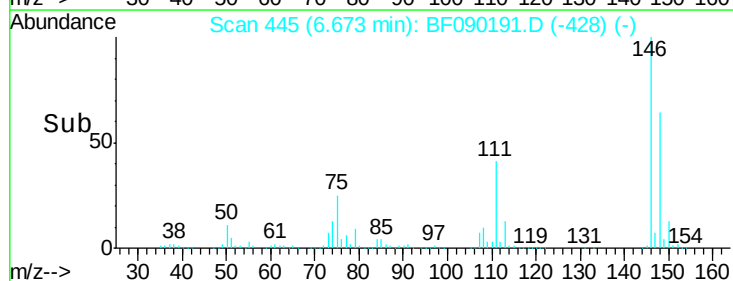
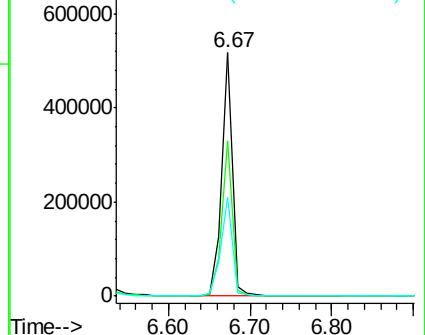
111 40.5 28.2 42.2

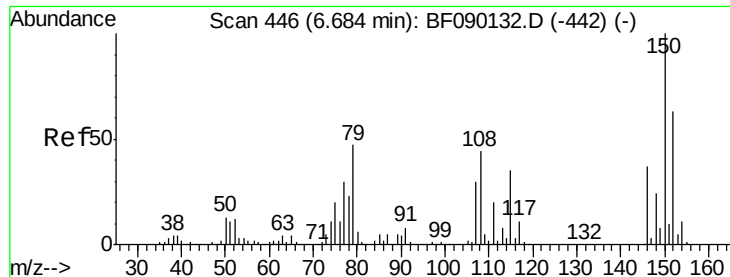


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

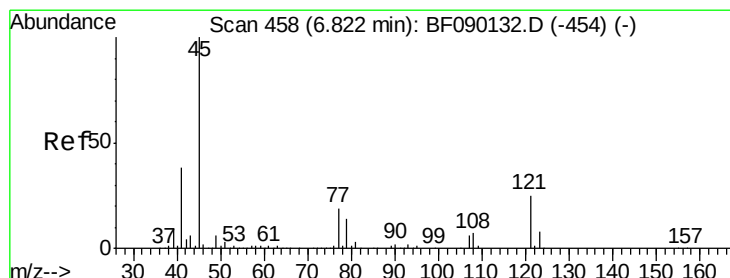
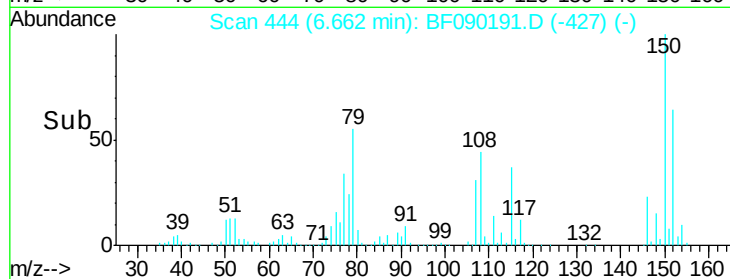
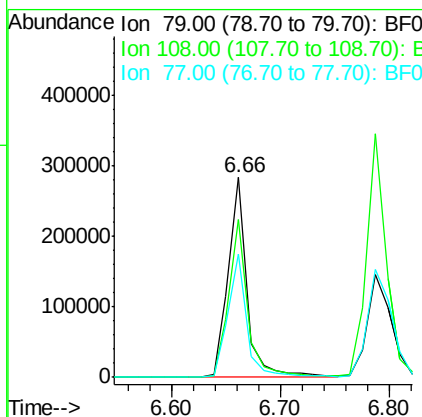
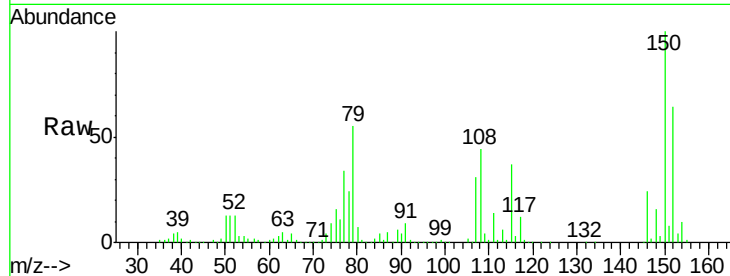




#15
Benzyl Alcohol
Concen: 43.28 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

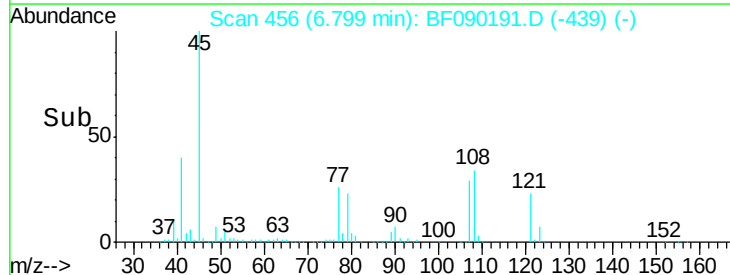
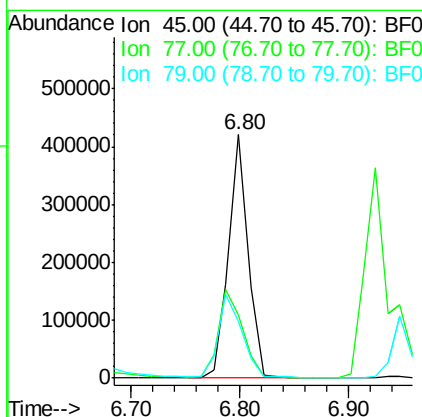
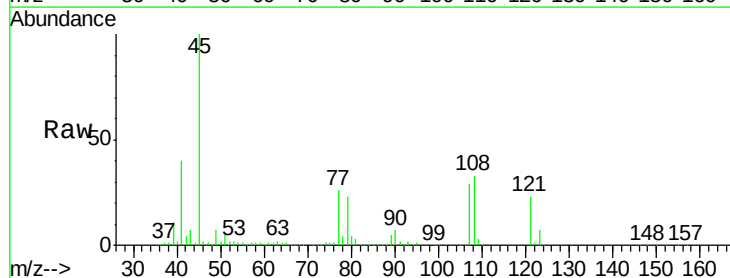
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

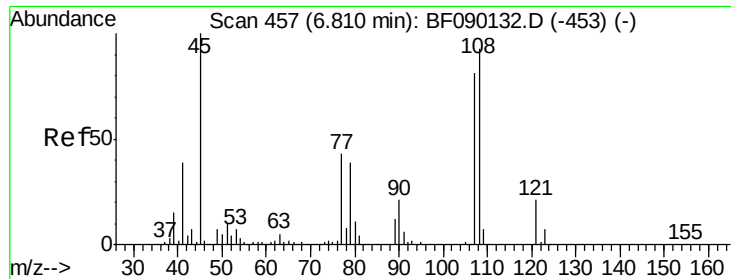
Tgt Ion: 79 Resp: 342317
Ion Ratio Lower Upper
79 100
108 78.9 62.2 93.4
77 61.9 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.77 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion: 45 Resp: 522677
Ion Ratio Lower Upper
45 100
77 25.8 0.5 40.5
79 23.3 0.0 37.0

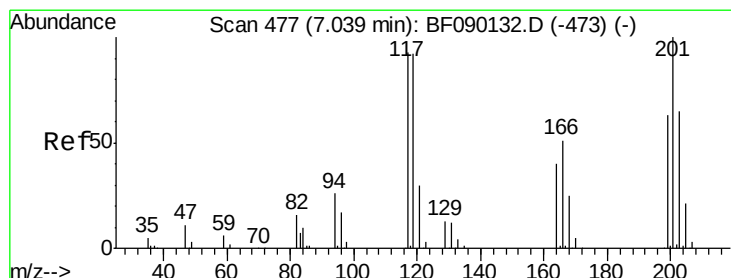
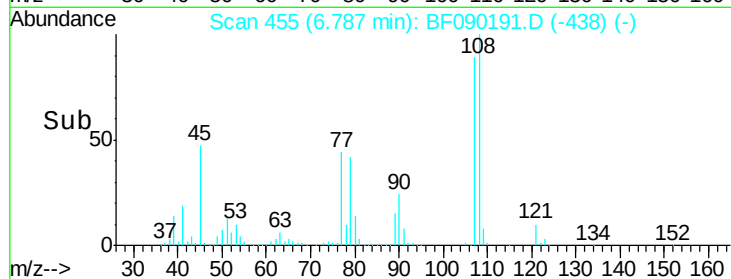
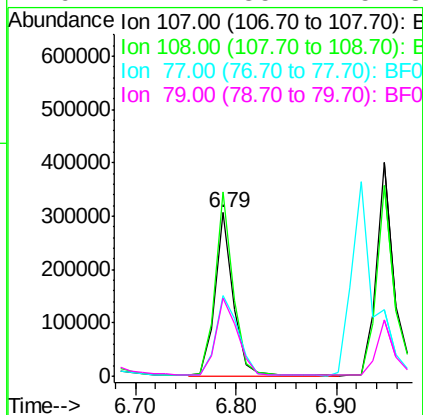
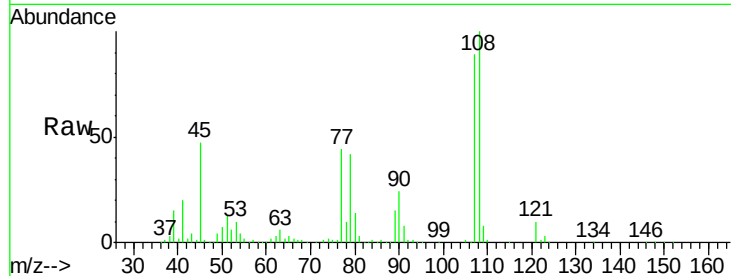




#17
2-Methylphenol
Concen: 39.15 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

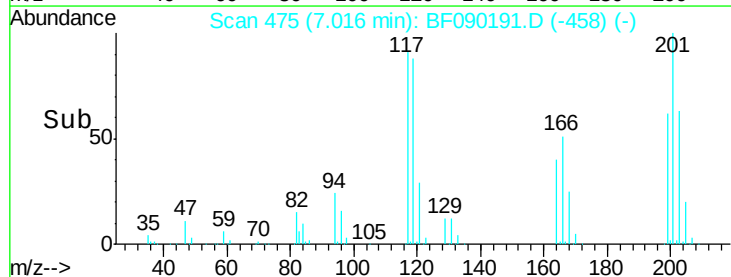
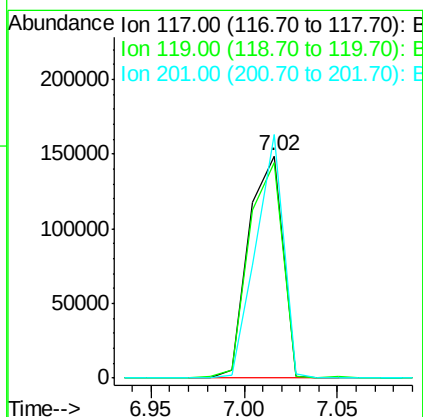
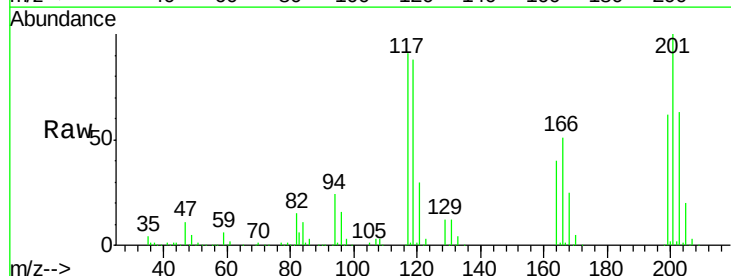
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

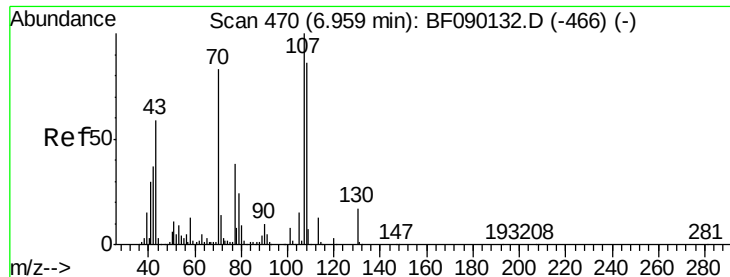
Tgt Ion:	107	Resp:	381094
Ion	Ratio	Lower	Upper
107	100		
108	112.4	92.0	138.0
77	49.7	35.6	53.4
79	47.4	35.2	52.8



#18
Hexachloroethane
Concen: 39.75 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion:	117	Resp:	186884
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	115.0
201	109.7	55.5	83.3#

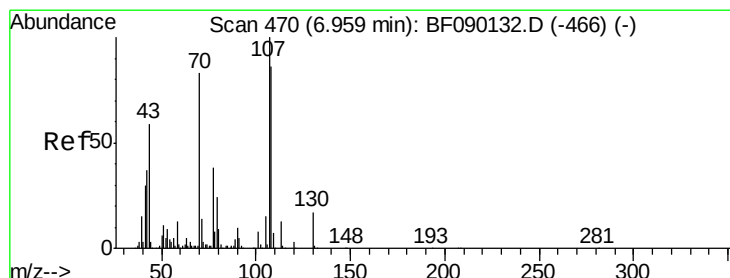
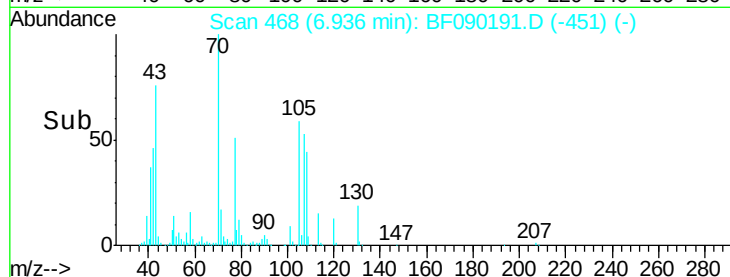
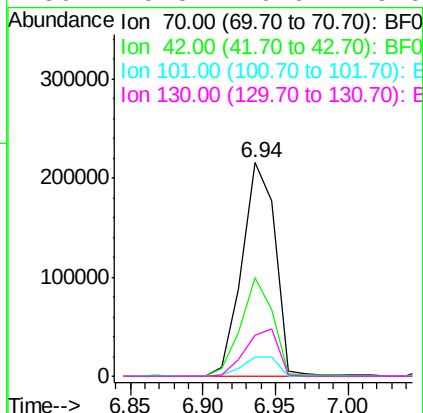
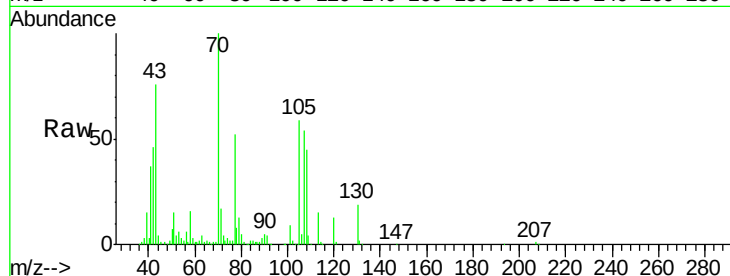




#19
n-Nitroso-di-n-propylamine
Concen: 43.90 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

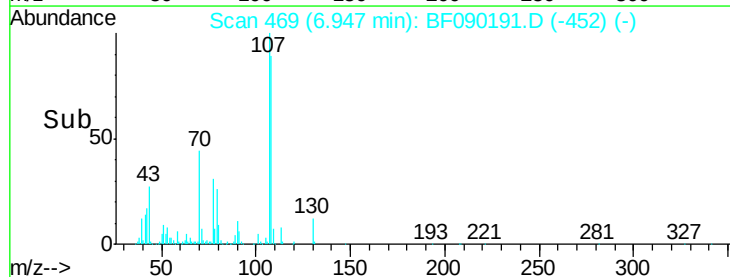
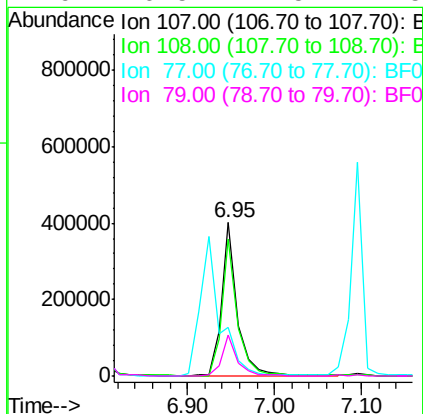
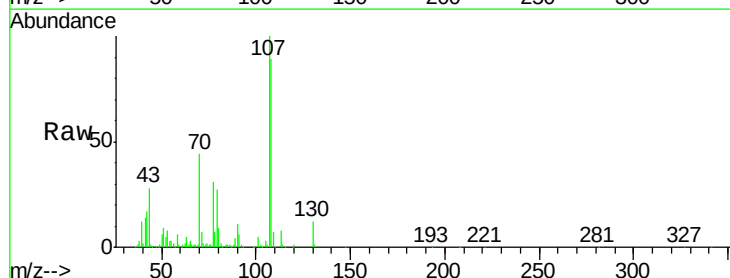
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

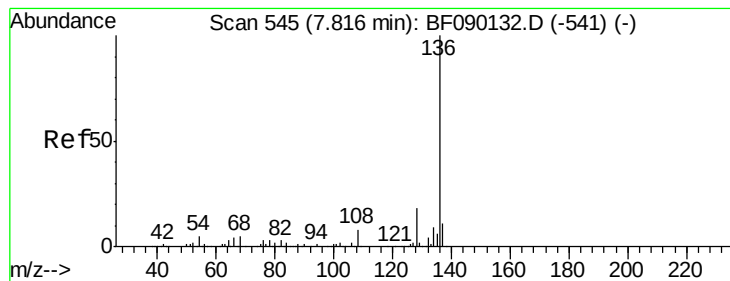
Tgt Ion:	70	Resp:	342004
Ion	Ratio	Lower	Upper
70	100		
42	46.4	35.1	52.7
101	9.0	7.5	11.3
130	19.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.83 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion:	107	Resp:	500526
Ion	Ratio	Lower	Upper
107	100		
108	89.2	73.3	113.3
77	31.4	14.1	54.1
79	26.5	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

Tgt Ion:136 Resp: 696035

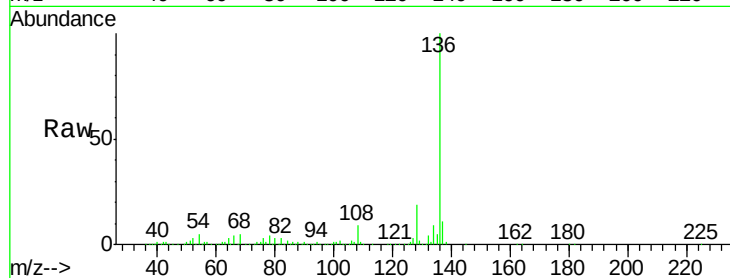
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.5 6.4 9.6#

68 5.4 6.3 9.5#

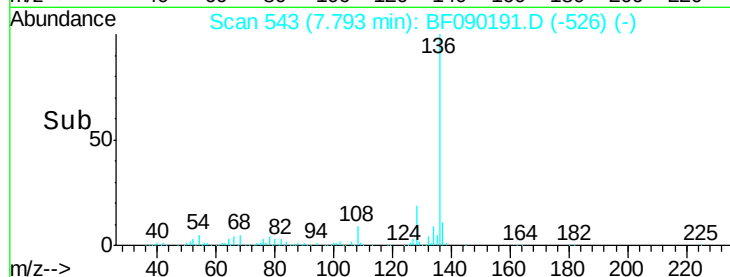


Abundance Ion 136.00 (135.70 to 136.70): E

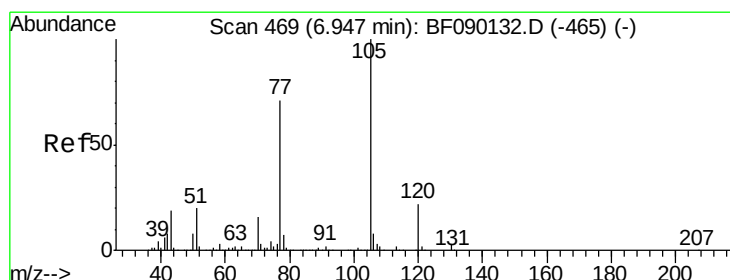
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.66 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Tgt Ion:105 Resp: 615393

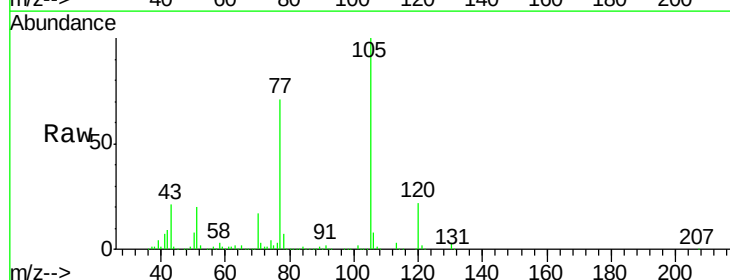
Ion Ratio Lower Upper

105 100

71 2.8 4.1 6.1#

51 20.1 16.2 24.2

120 21.9 18.2 27.2

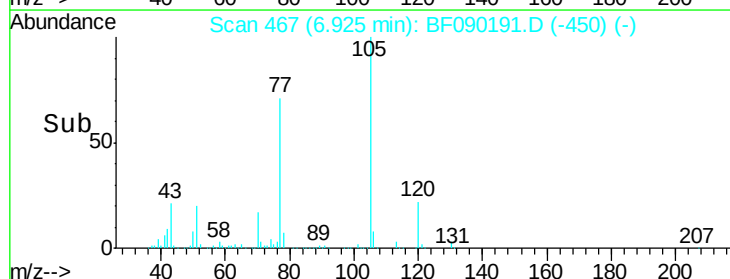


Abundance Ion 105.00 (104.70 to 105.70): E

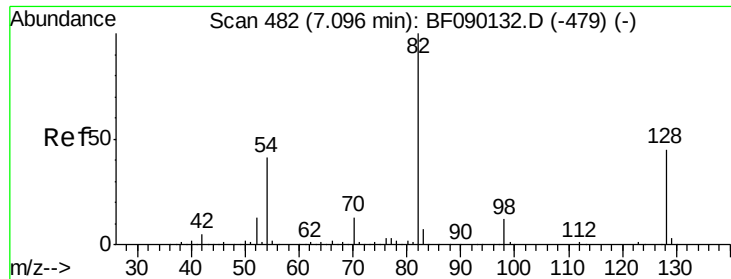
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



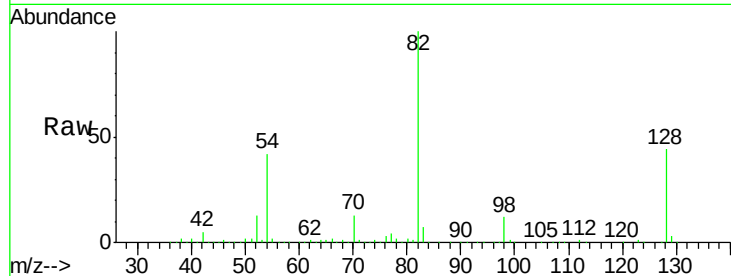
Time-->



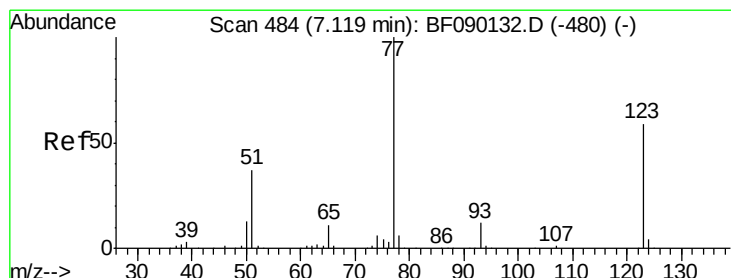
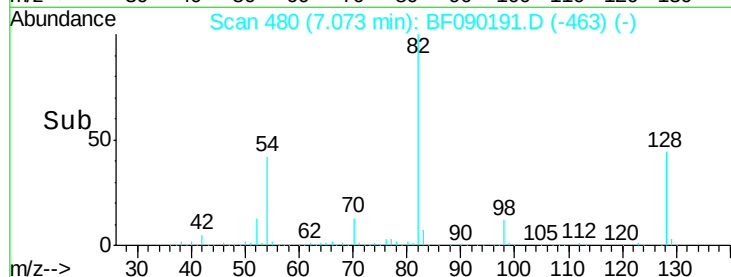
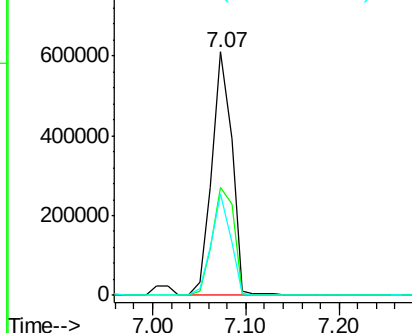
#23
 Nitrobenzene-d5
 Concen: 76.24 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.5	56.3
54	41.6	31.9	47.9

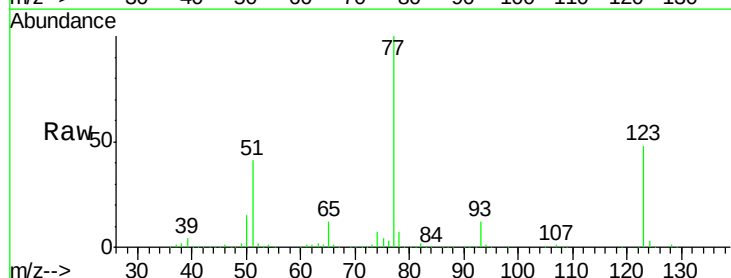


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

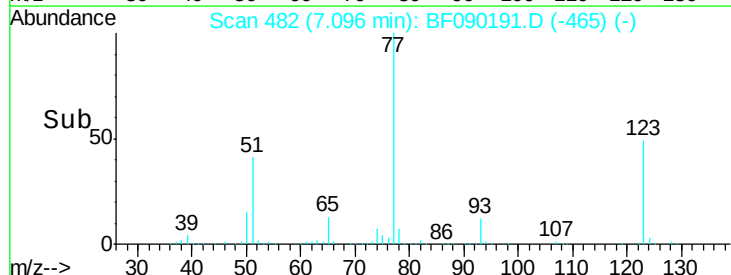
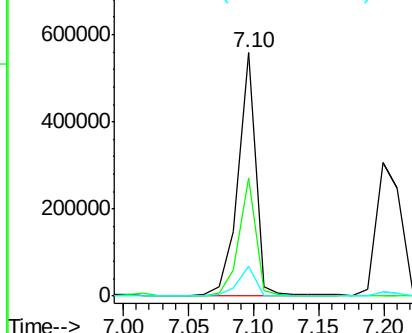


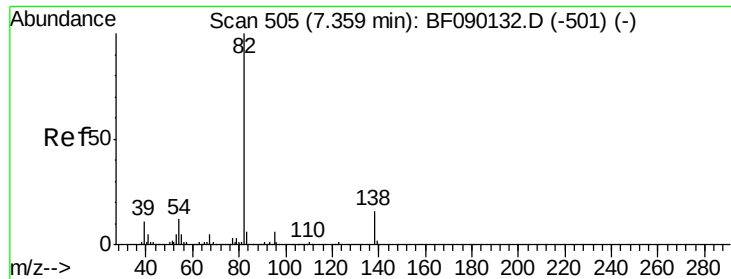
#24
 Nitrobenzene
 Concen: 41.29 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	33.4	50.2
65	12.4	10.1	15.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.74 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

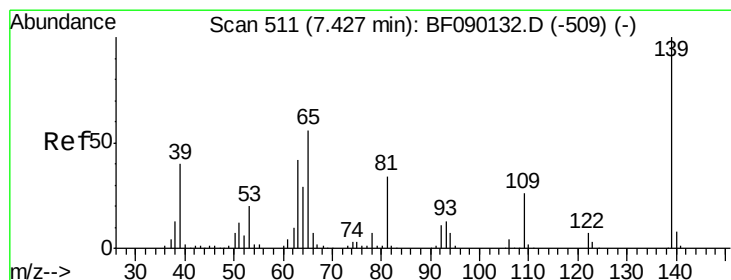
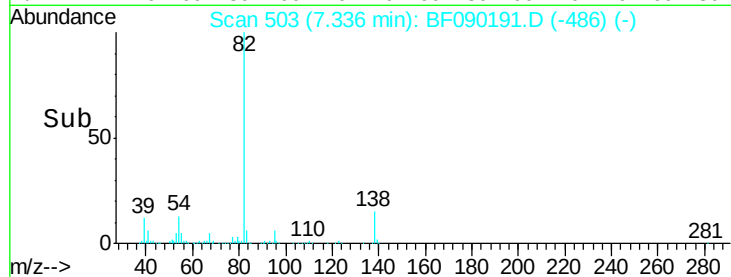
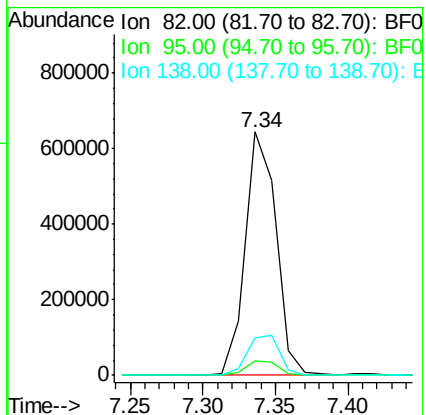
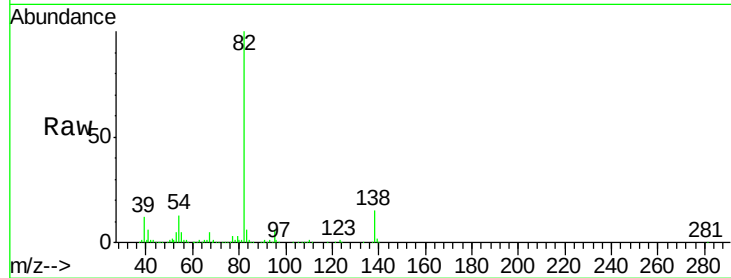
Tgt Ion: 82 Resp: 946719

Ion Ratio Lower Upper

82 100

95 6.2 5.1 7.7

138 15.2 13.5 20.3



#26

2-Nitrophenol

Concen: 42.68 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

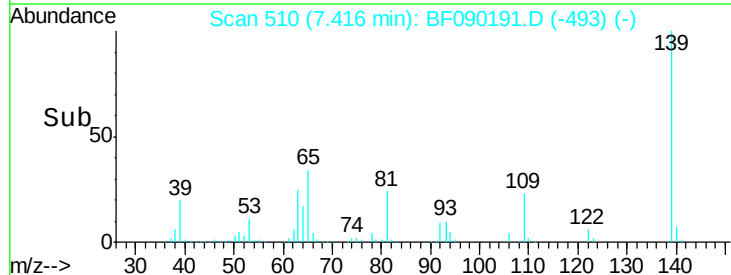
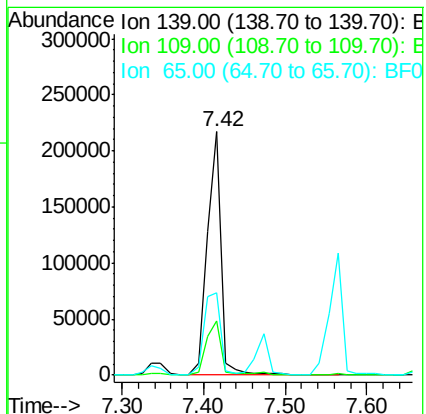
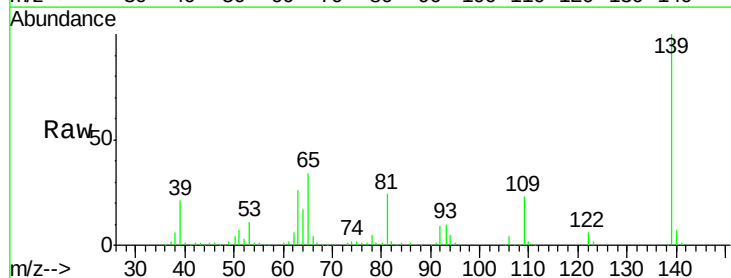
Tgt Ion: 139 Resp: 262947

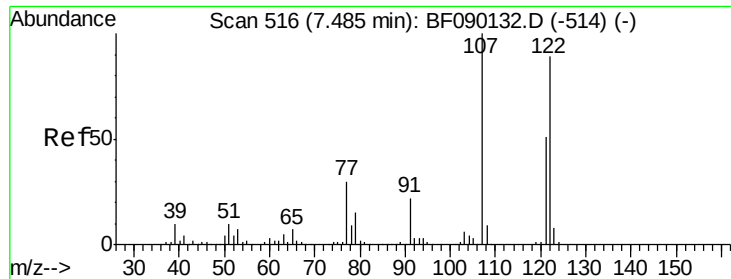
Ion Ratio Lower Upper

139 100

109 22.5 20.5 30.7

65 34.0 37.9 56.9#

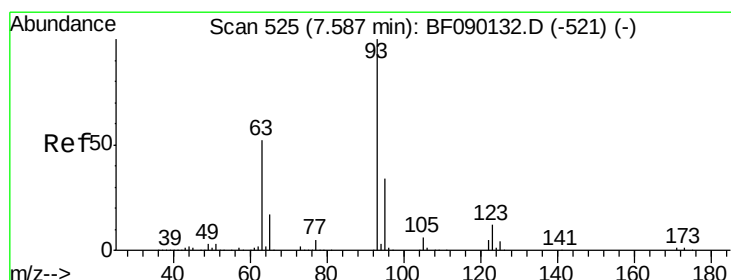
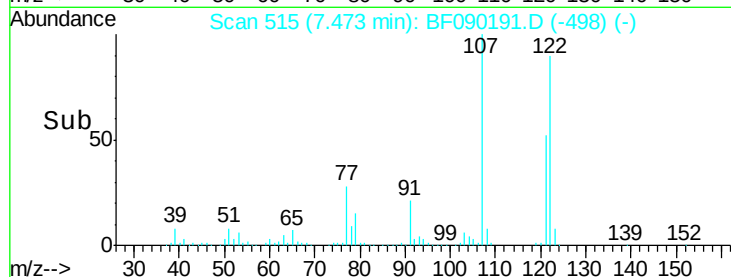
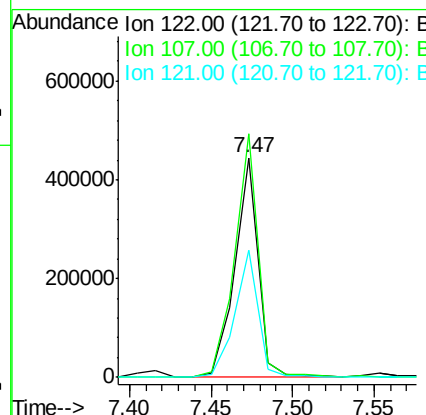
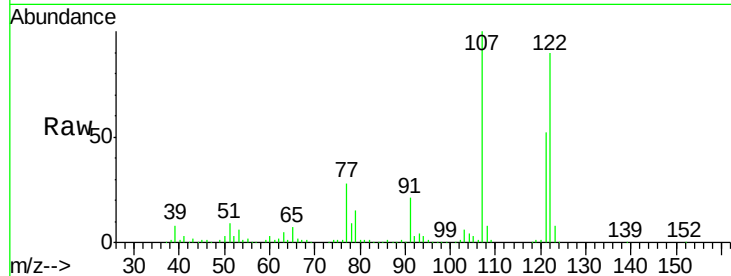




#27
 2,4-Dimethylphenol
 Concen: 39.95 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

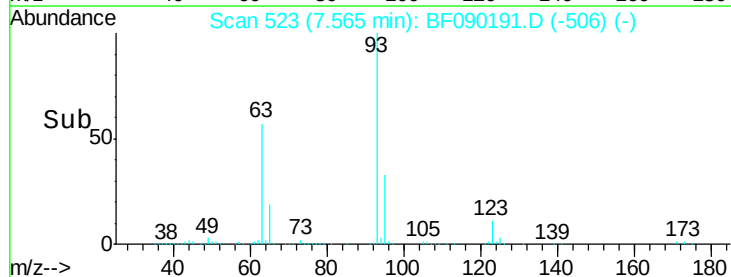
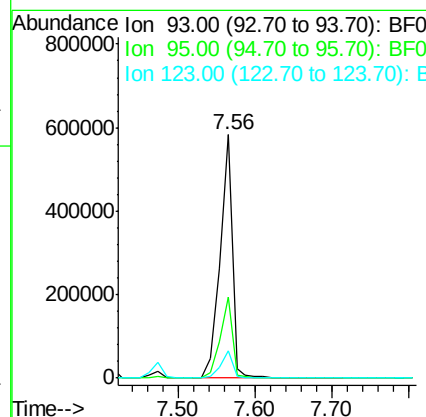
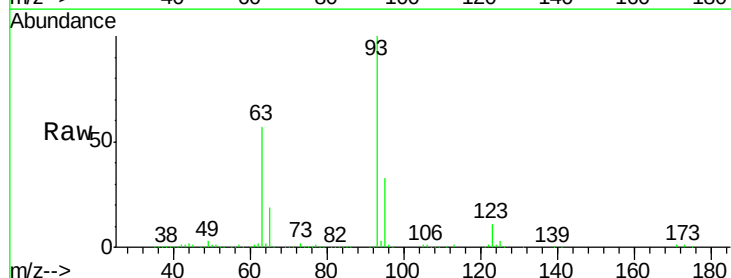
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

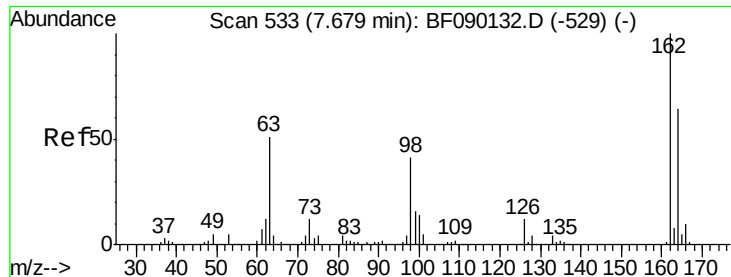
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.0	87.8	131.6
121	57.8	45.7	68.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.34 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	11.1	8.5	12.7

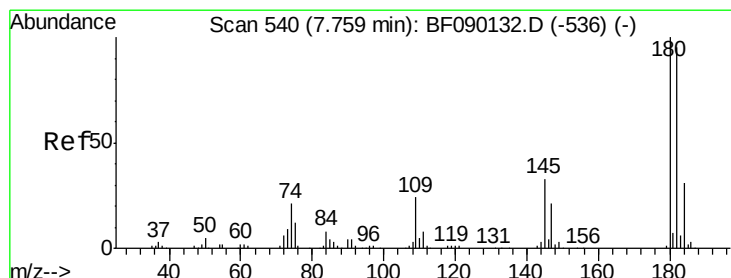
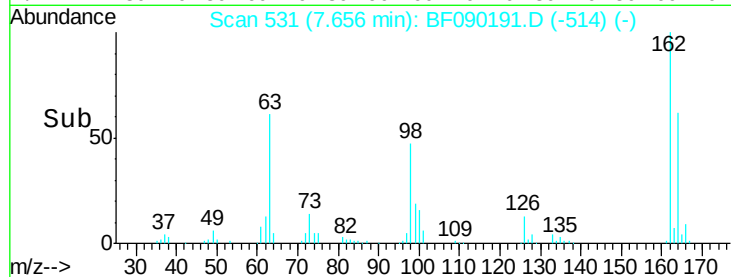
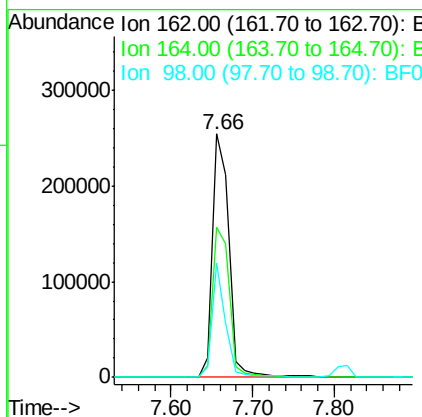
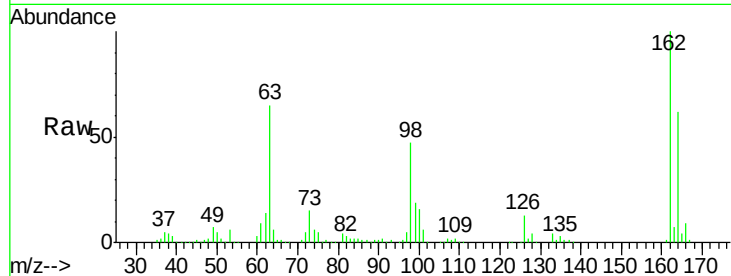




#29
 2,4-Dichlorophenol
 Concen: 37.75 ng
 RT: 7.66 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

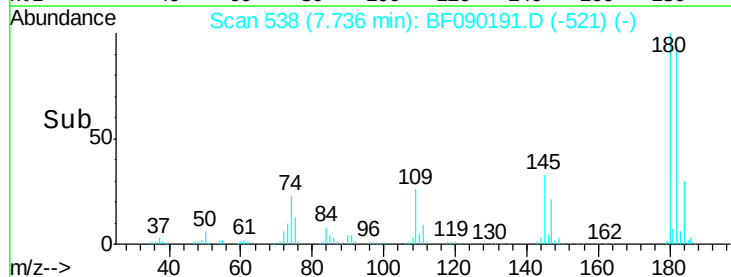
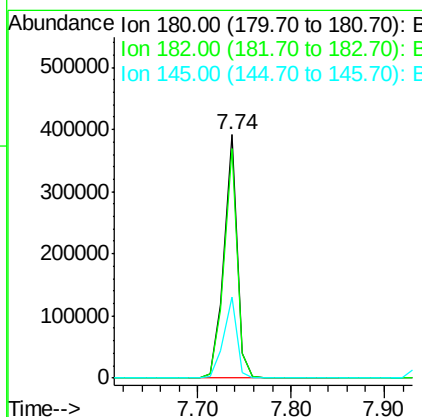
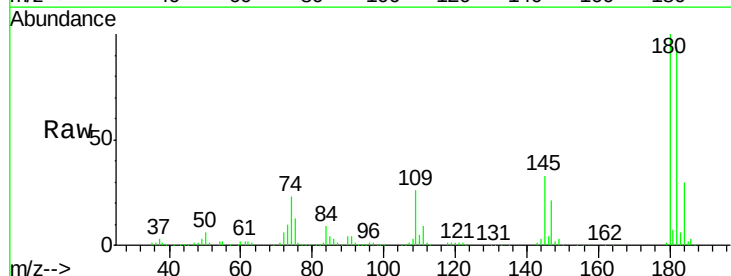
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

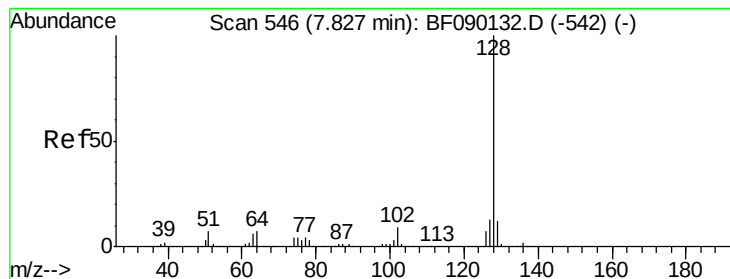
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	46.2	86.2
98	47.1	10.4	50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.27 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.0	112.6
145	33.3	28.6	42.8





#31

Naphthalene

Concen: 42.33 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

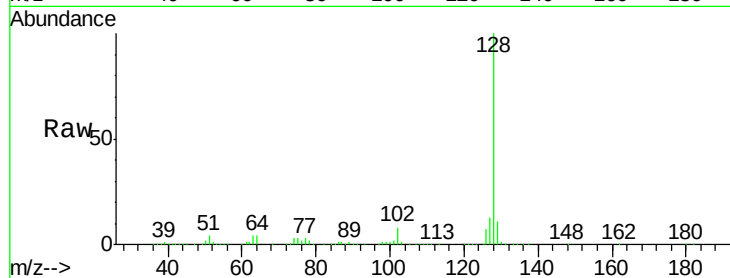
Tgt Ion:128 Resp: 1403001

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

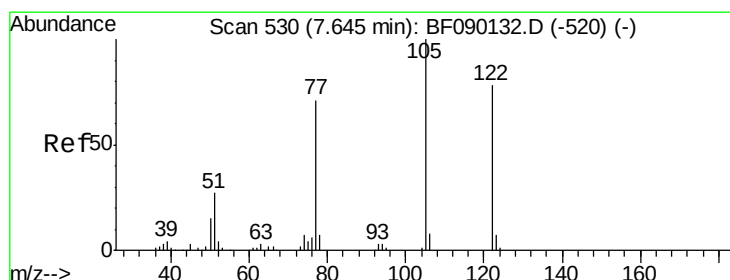
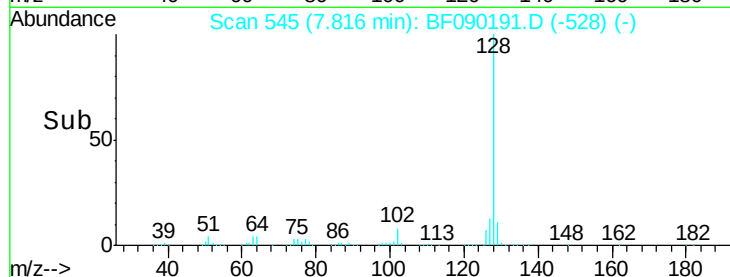
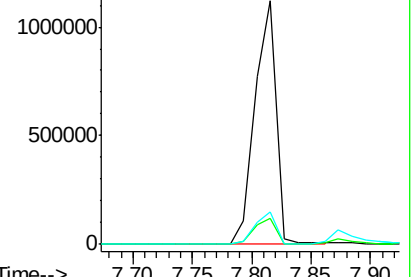
127 13.3 10.8 16.2



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: 2.10 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.07 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

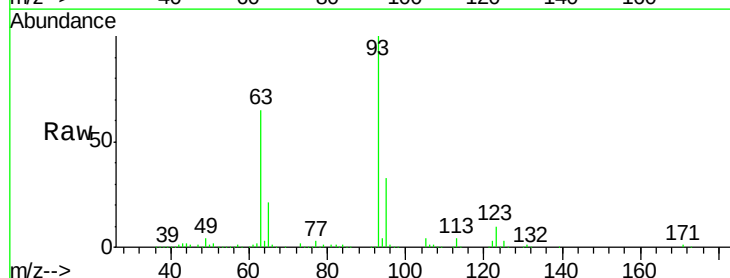
Tgt Ion:122 Resp: 15803

Ion Ratio Lower Upper

122 100

105 114.6 105.0 145.0

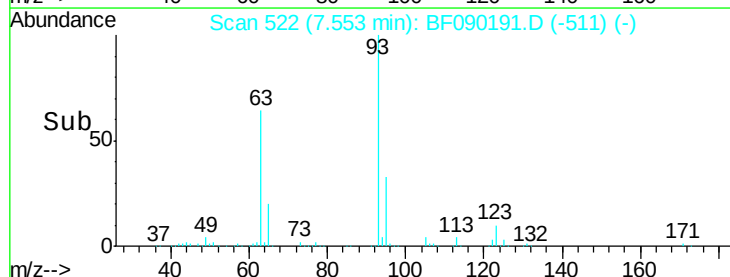
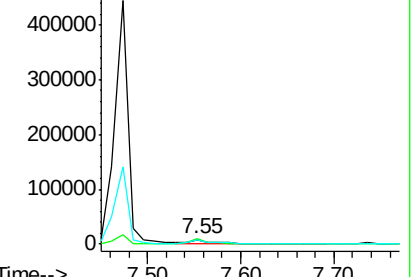
77 86.8 70.4 110.4

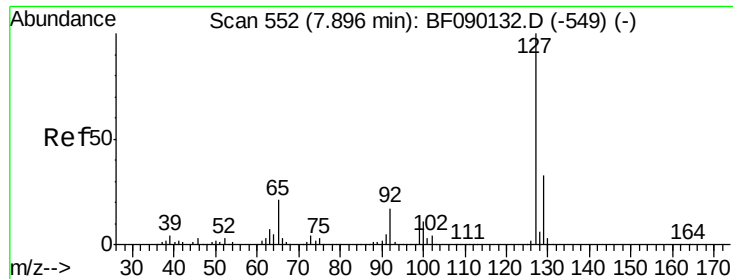


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

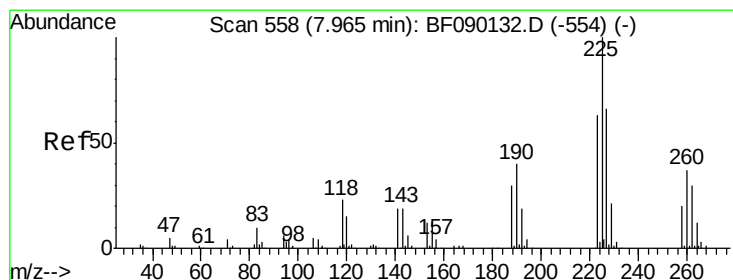
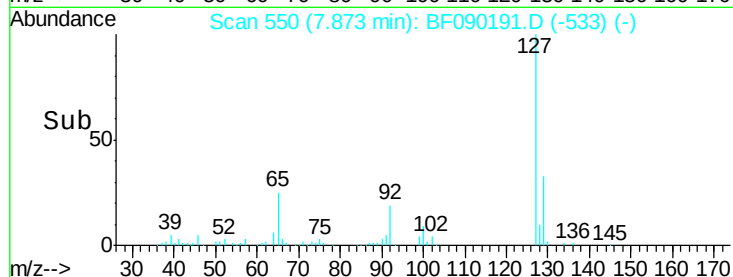
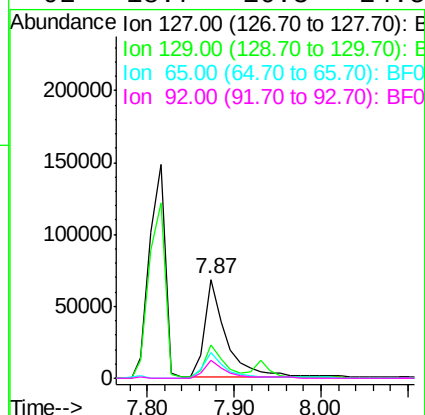
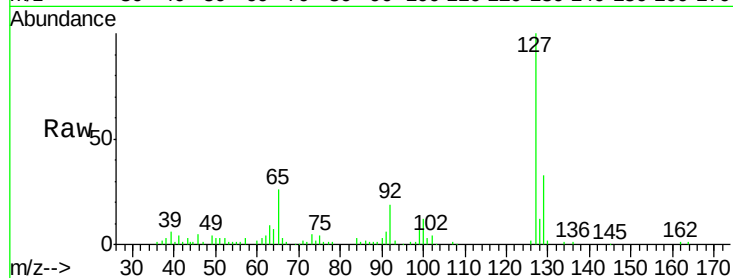




#33
4-Chloroaniline
Concen: 8.61 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

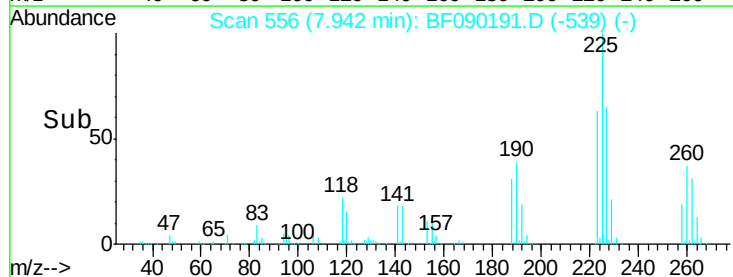
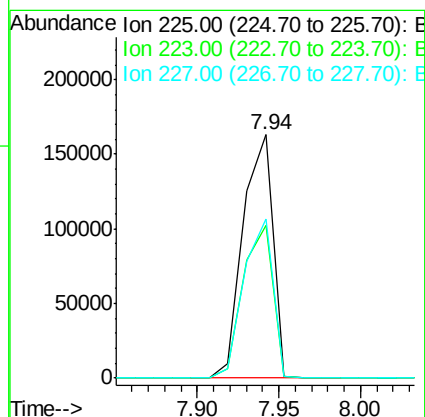
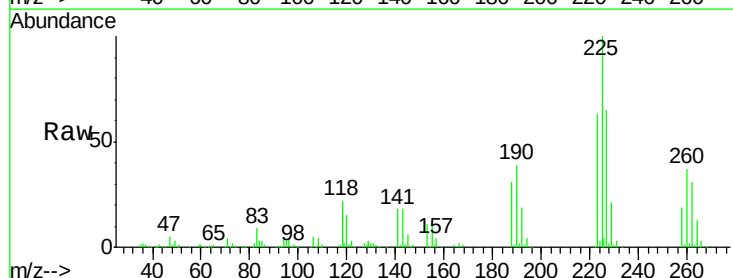
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

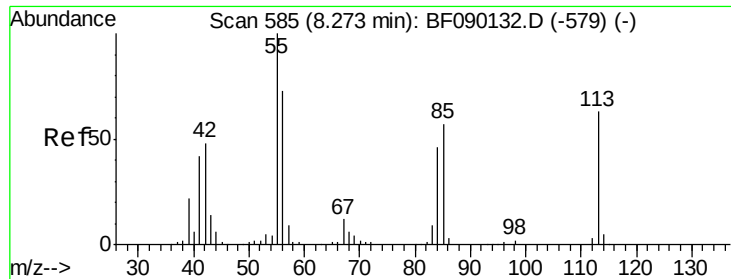
Tgt Ion:	127	Resp:	118339
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.6
65	26.2	24.1	36.1
92	18.7	16.3	24.5



#34
Hexachlorobutadiene
Concen: 40.66 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion:	225	Resp:	205702
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.3	76.9
227	65.4	51.4	77.0

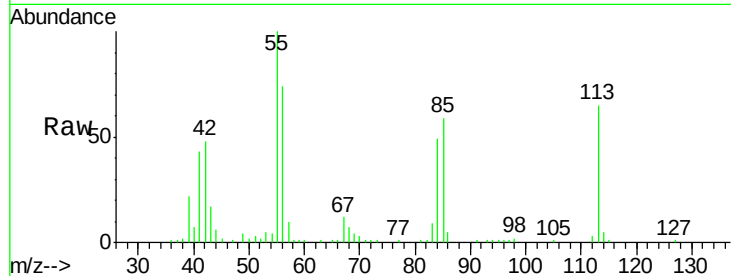




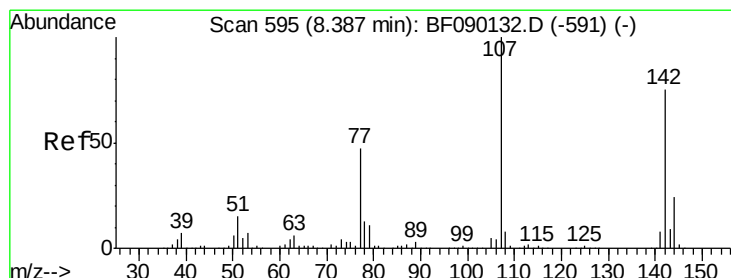
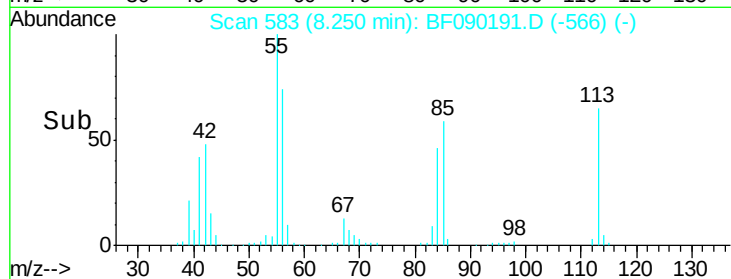
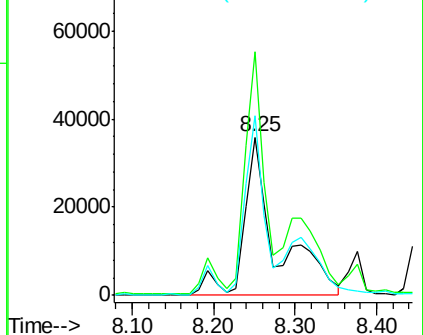
#35
 Caprolactam
 Concen: 31.58 ng m
 RT: 8.25 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion:113 Resp: 100343
 Ion Ratio Lower Upper
 113 100
 55 153.9 134.5 174.5
 56 113.4 93.7 133.7

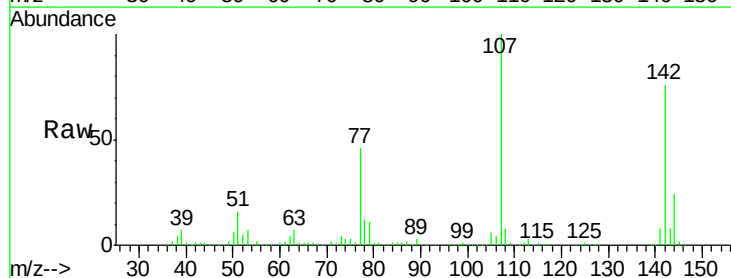


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

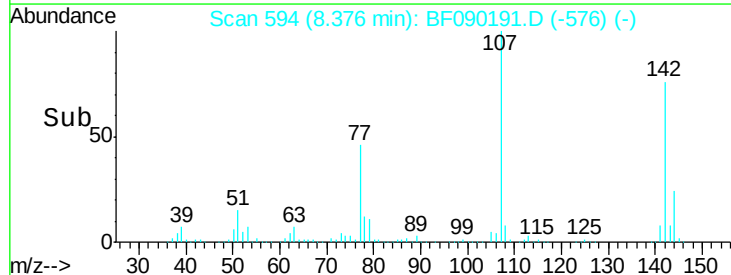
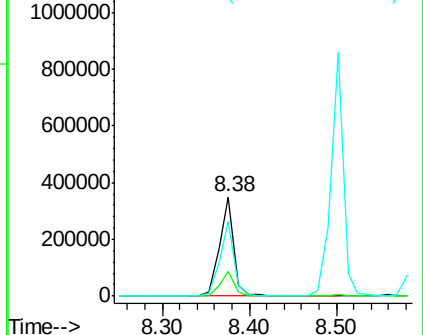


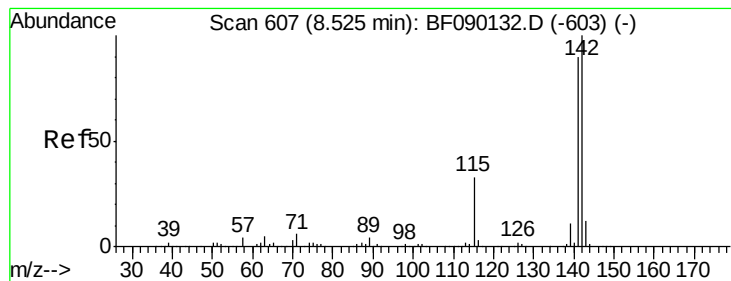
#36
 4-Chloro-3-methylphenol
 Concen: 37.77 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion:107 Resp: 409800
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.6 27.8
 142 75.5 57.0 85.6



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





#37

2-Methylnaphthalene

Concen: 40.14 ng

RT: 8.50 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

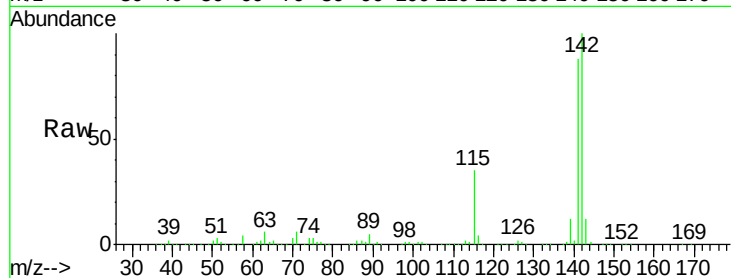
Tgt Ion:142 Resp: 827274

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.2

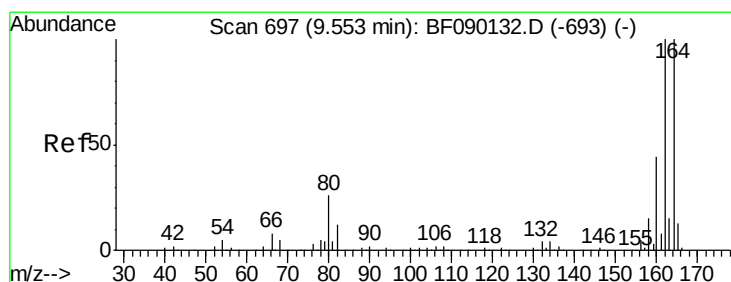
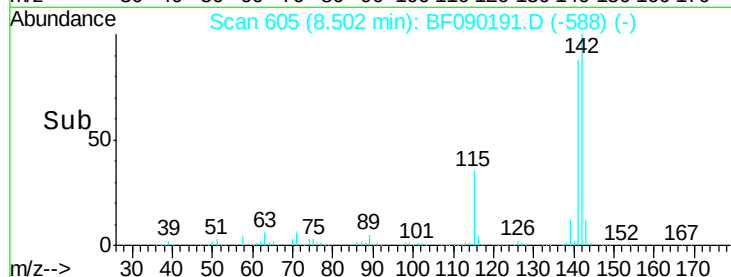
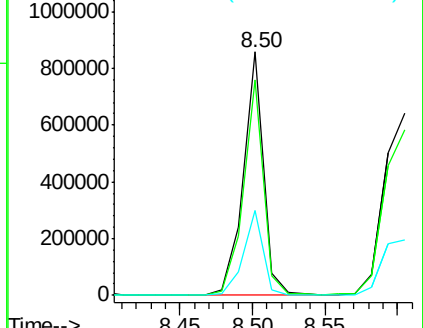
115 34.7 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

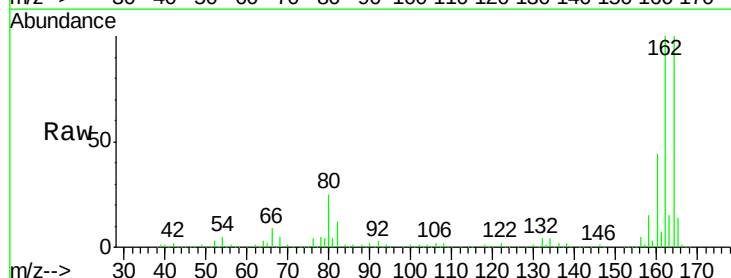
Tgt Ion:164 Resp: 338104

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.2

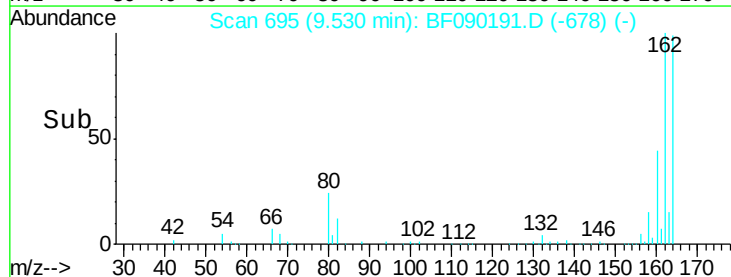
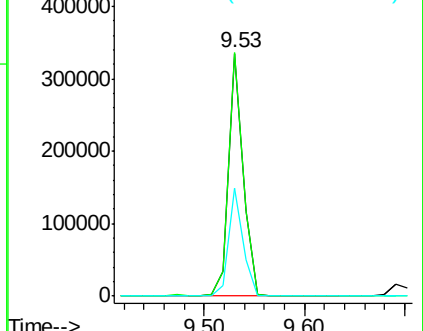
160 44.4 36.6 54.8

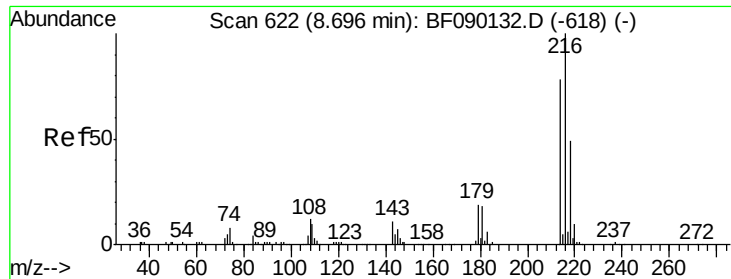


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

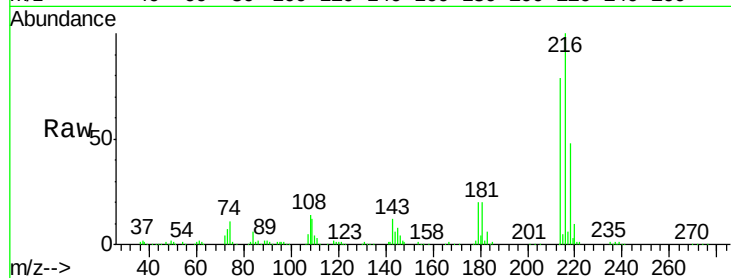




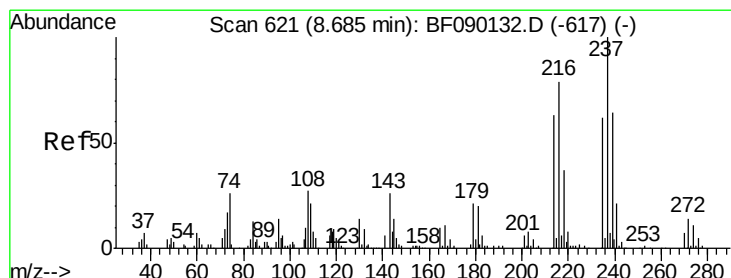
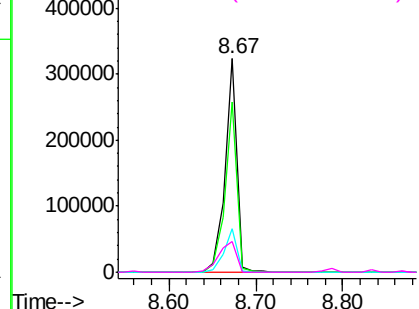
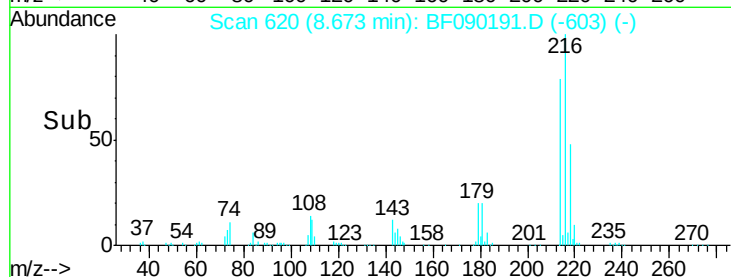
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.28 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion:	216	Resp:	312575
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.7	95.5
179	21.8	18.5	27.7
108	21.9	19.5	29.3

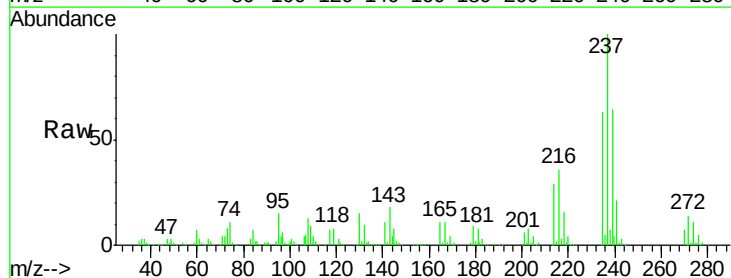


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

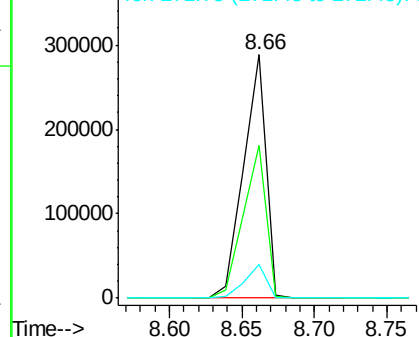
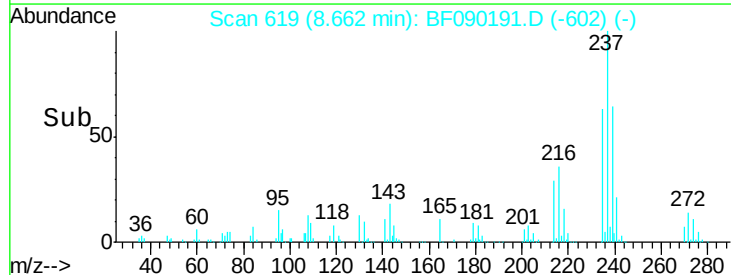


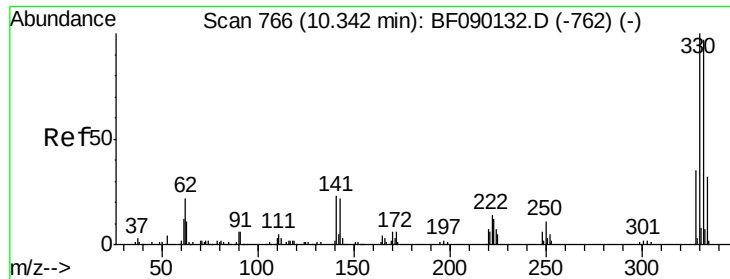
#40
 Hexachlorocyclopentadiene
 Concen: 81.08 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion:	237	Resp:	310513
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.5	82.5
272	14.0	0.0	32.0



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

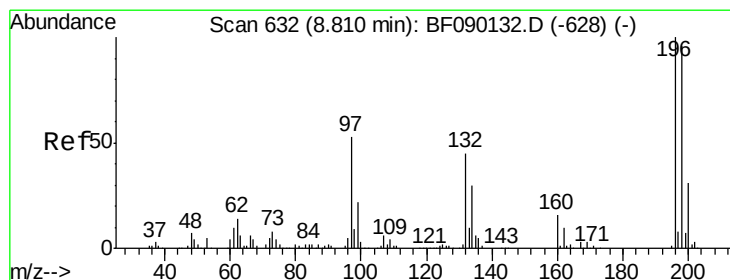
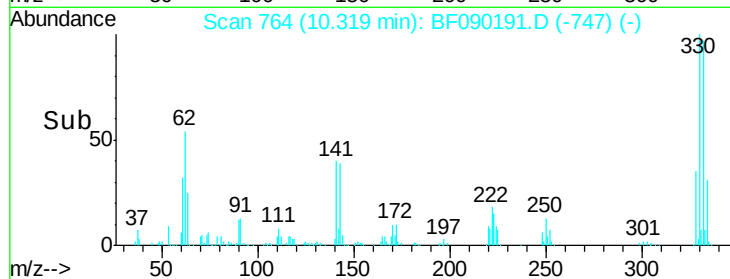
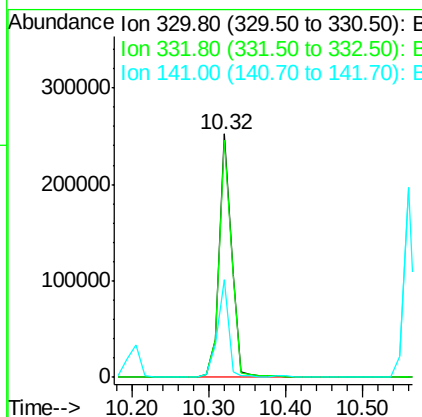
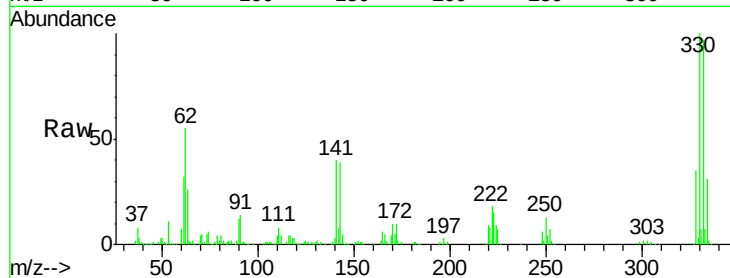




#41
 2,4,6-Tribromophenol
 Concen: 99.03 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

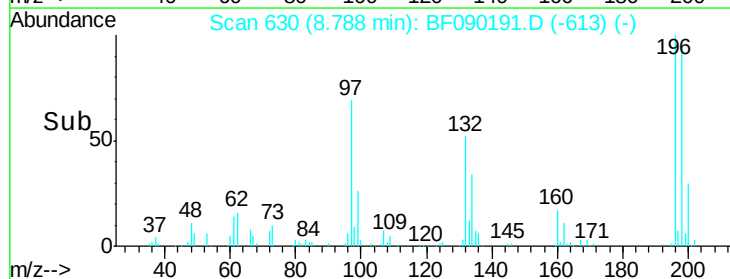
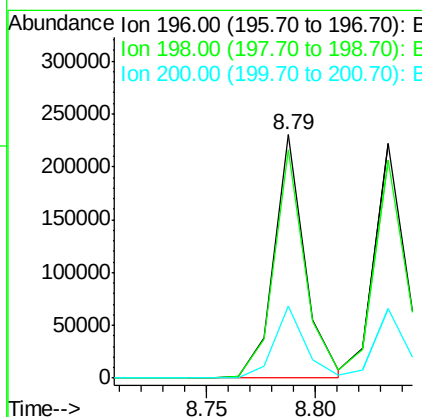
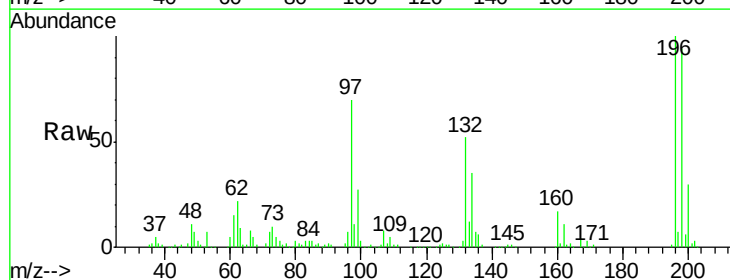
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

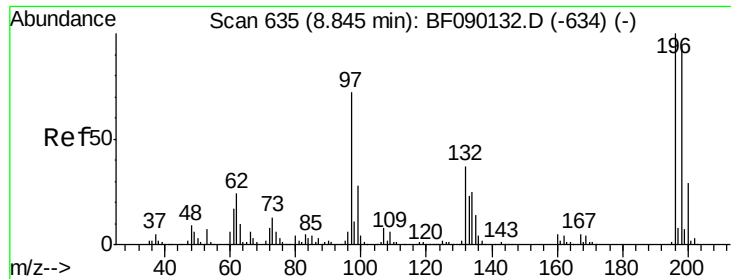
Tgt Ion: 330 Resp: 287257
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.1 117.1
 141 34.4 23.9 35.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.30 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion: 196 Resp: 228424
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.3 114.5
 200 29.7 24.1 36.1

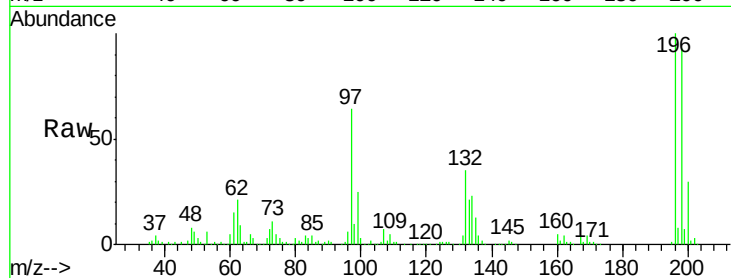




#43
 2,4,5-Trichlorophenol
 Concen: 38.98 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	76.6	114.8
97	63.6	34.4	51.6#
132	34.5	22.2	33.2#



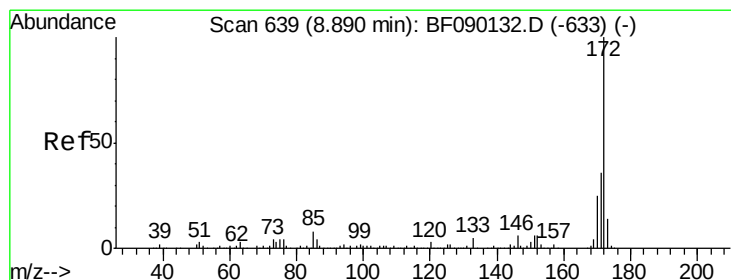
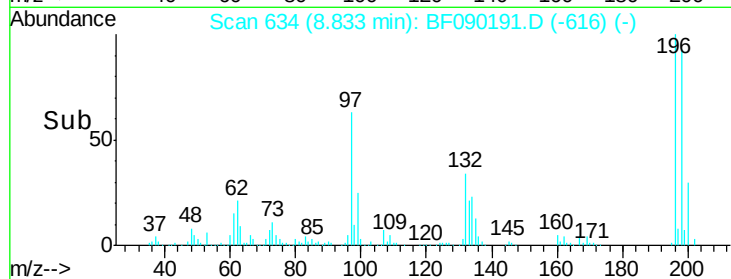
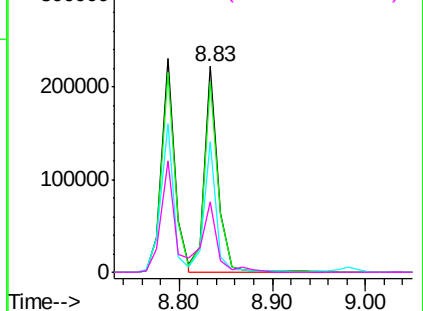
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

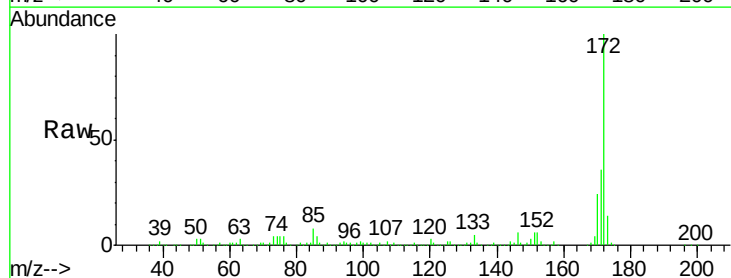
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.06 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.5	19.8	29.8

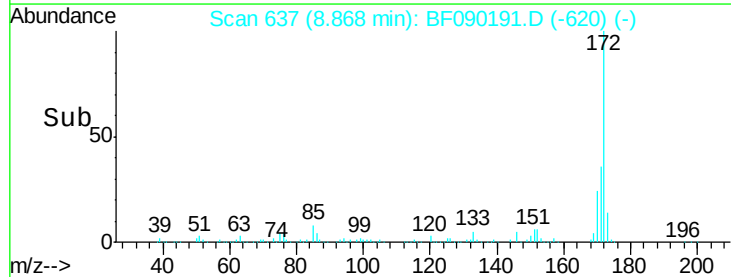
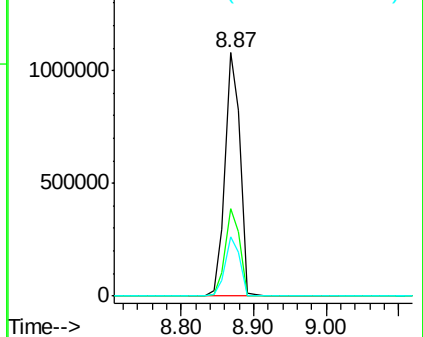


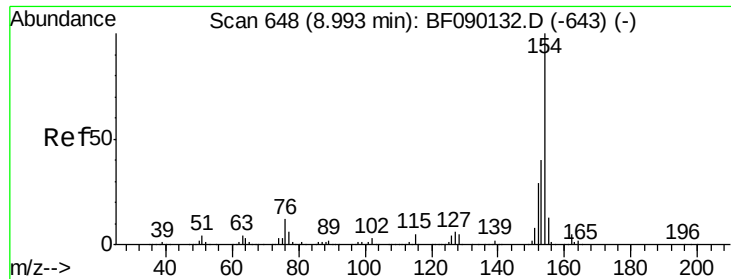
Abundance

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

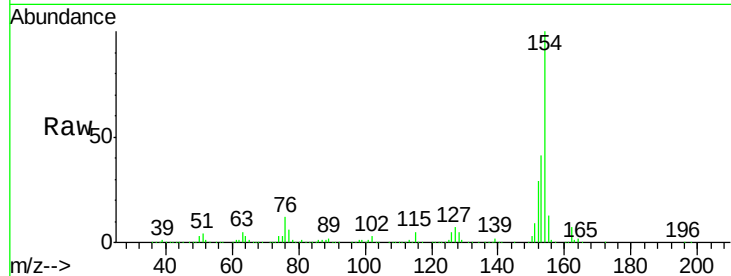




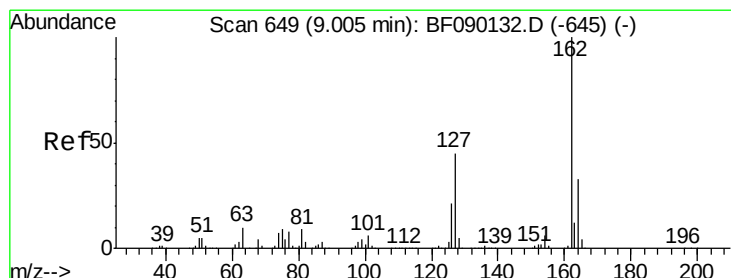
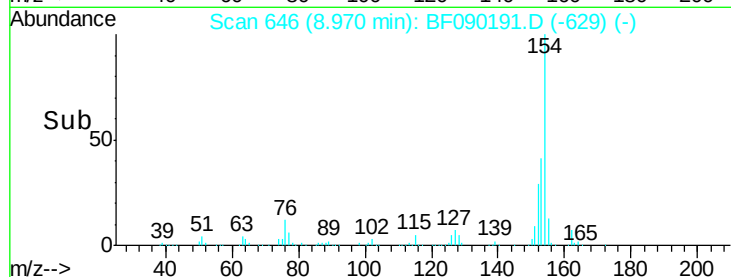
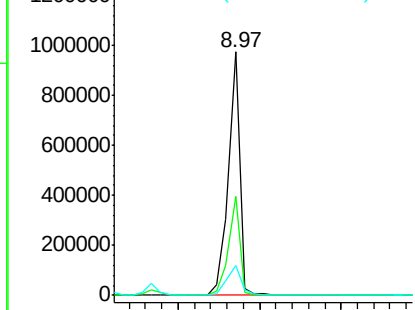
#45
 1,1'-Biphenyl
 Concen: 38.84 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion:154 Resp: 939445
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.6 60.6
 76 12.1 0.0 36.7

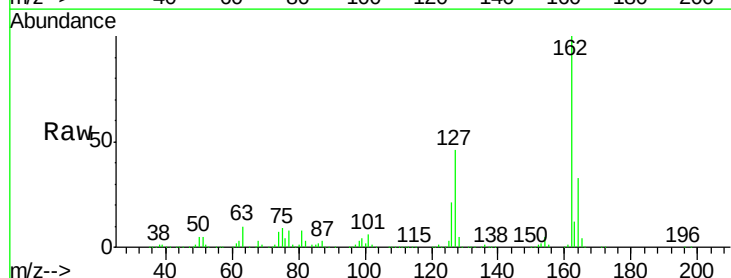


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

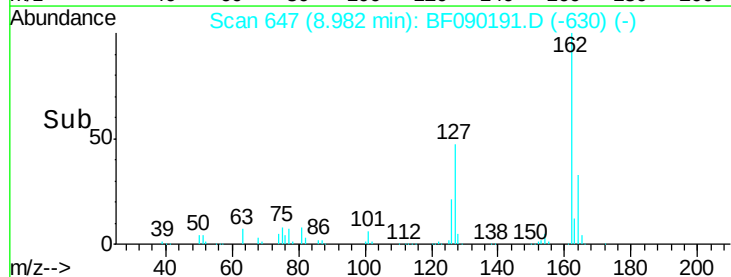
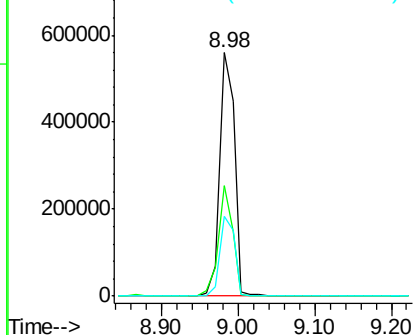


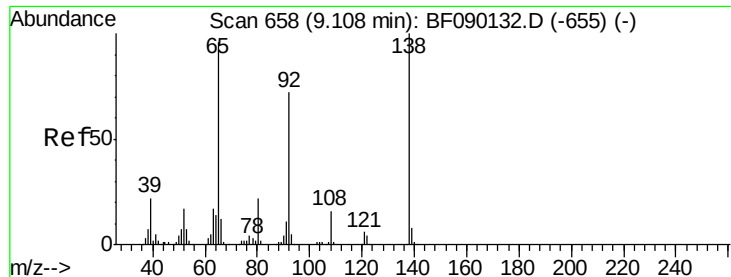
#46
 2-Chloronaphthalene
 Concen: 42.73 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion:162 Resp: 762587
 Ion Ratio Lower Upper
 162 100
 127 45.6 34.0 51.0
 164 32.6 26.8 40.2



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





#47

2-Nitroaniline

Concen: 43.58 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.01 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

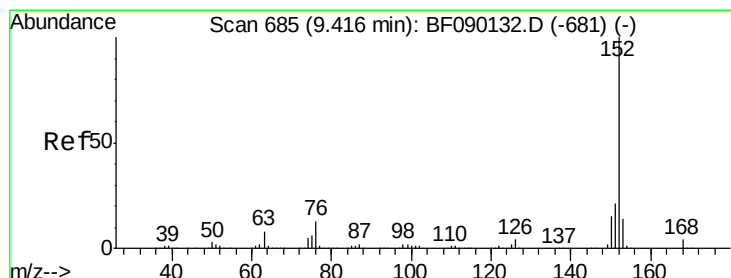
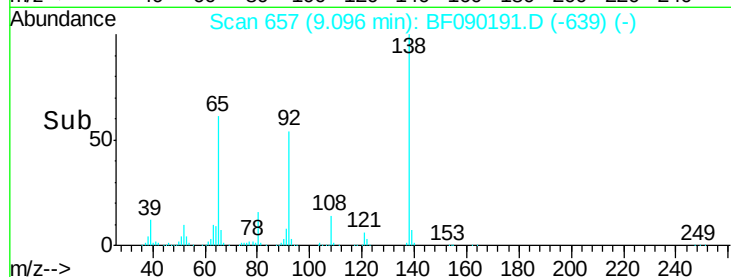
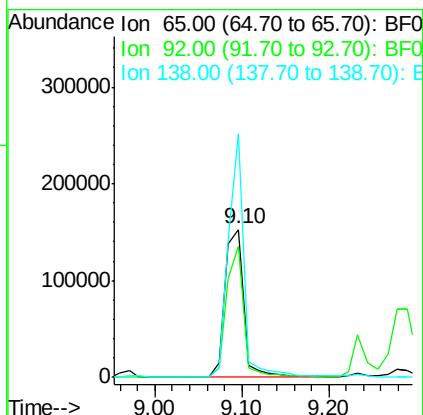
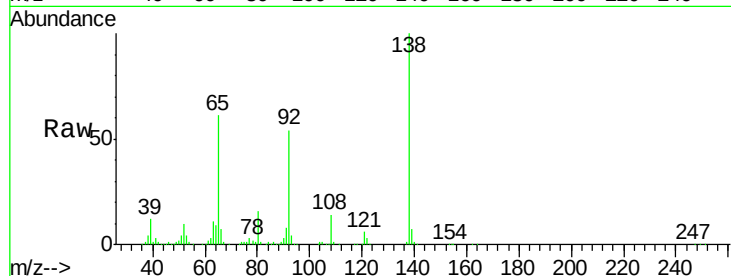
Tgt Ion: 65 Resp: 234450

Ion Ratio Lower Upper

65 100

92 89.0 66.1 99.1

138 164.9 104.1 156.1#



#48

Acenaphthylene

Concen: 37.31 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

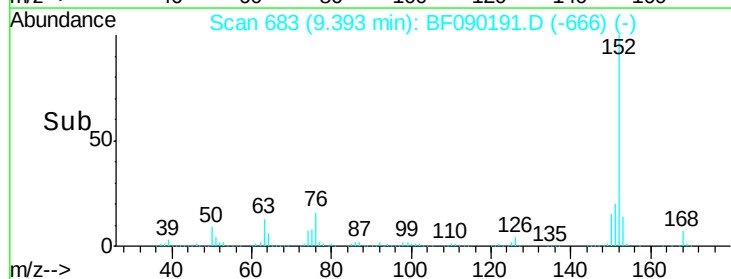
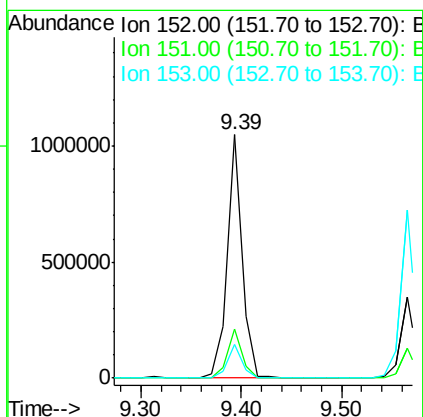
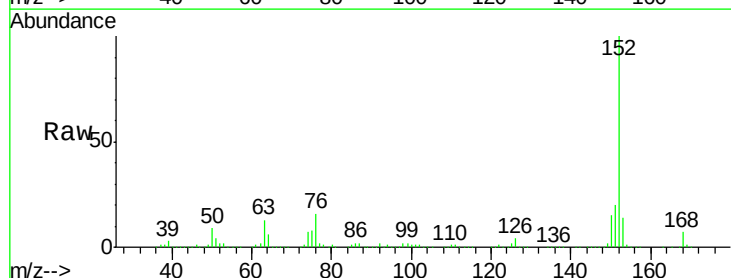
Tgt Ion:152 Resp: 1081217

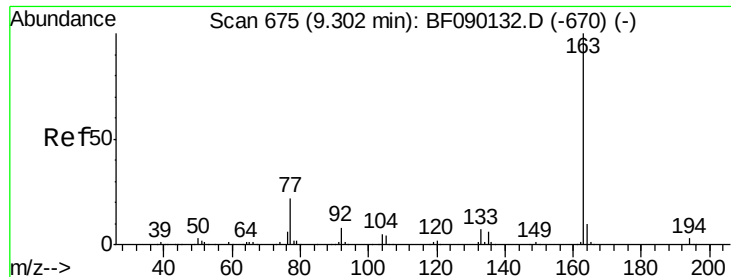
Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7

153 13.8 10.6 15.8

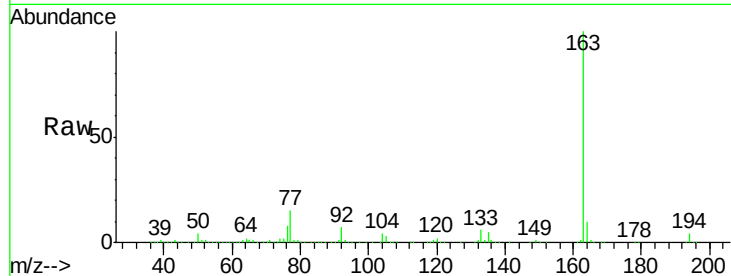




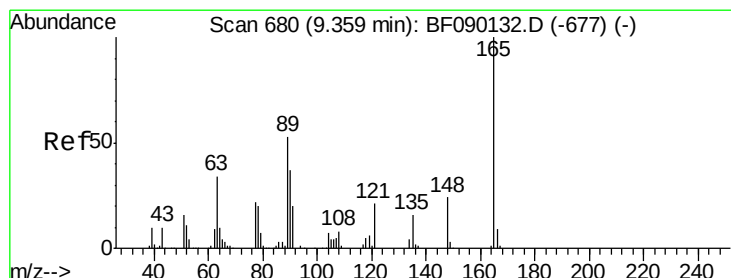
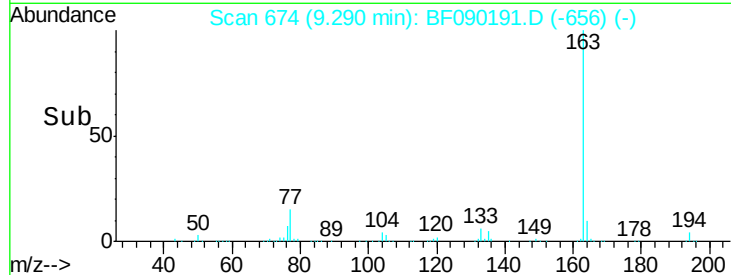
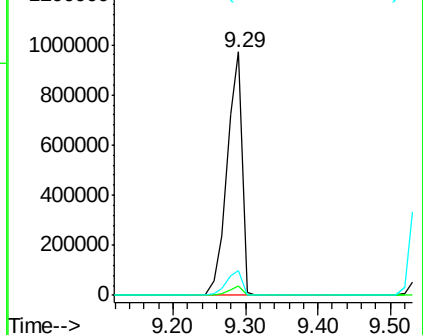
#49
Dimethylphthalate
Concen: 64.00 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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

Tgt Ion:163 Resp: 1378236
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.1 8.1 12.1

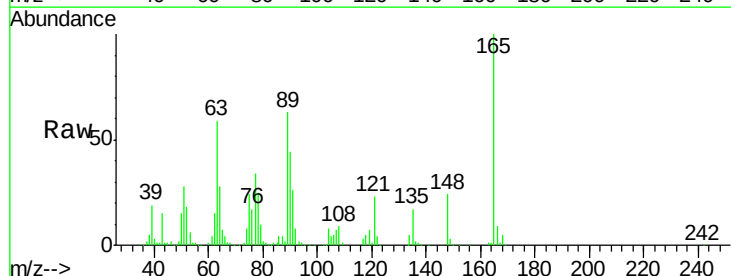


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

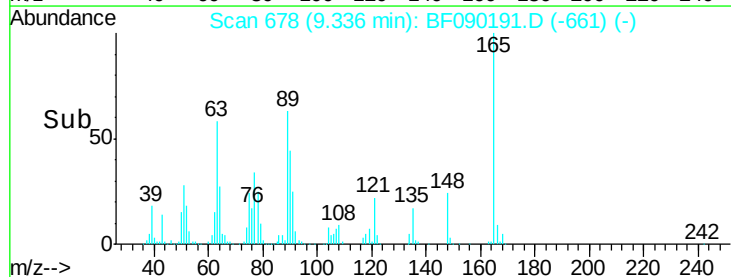
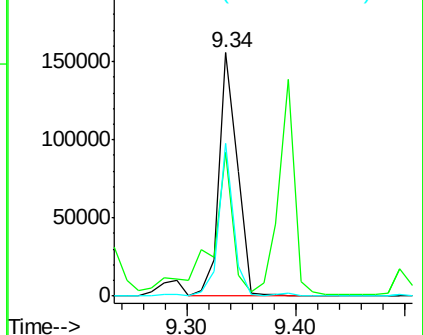


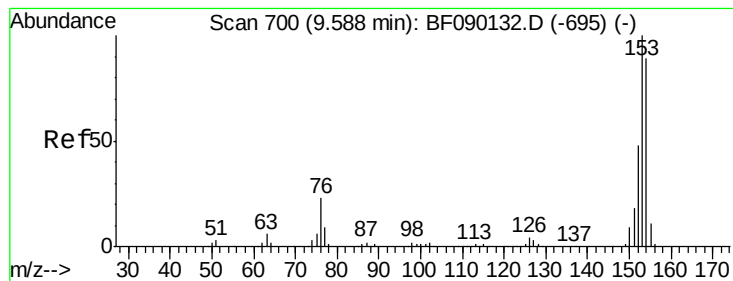
#50
2,6-Dinitrotoluene
Concen: 38.26 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion:165 Resp: 183615
Ion Ratio Lower Upper
165 100
63 58.9 49.9 74.9
89 62.8 51.0 76.4



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





#51

Acenaphthene

Concen: 37.51 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

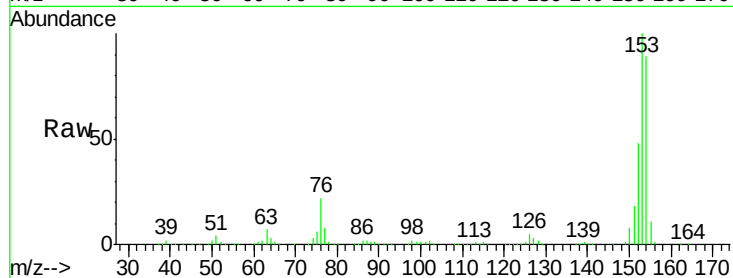
Tgt Ion:154 Resp: 645331

Ion Ratio Lower Upper

154 100

153 112.1 90.8 136.2

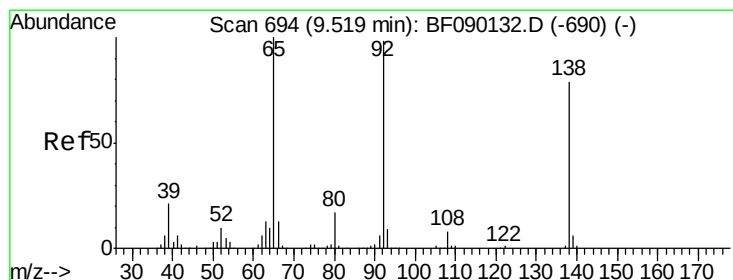
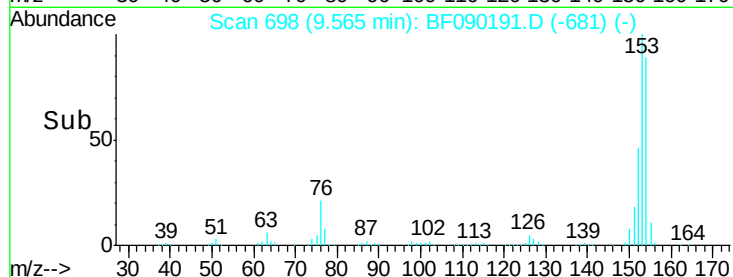
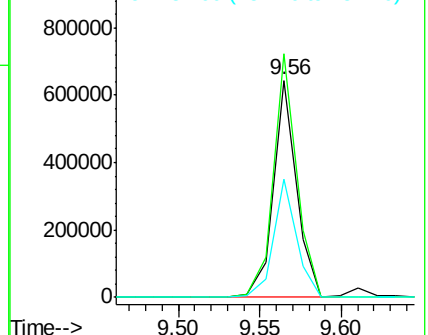
152 54.3 44.2 66.4



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: 25.08 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

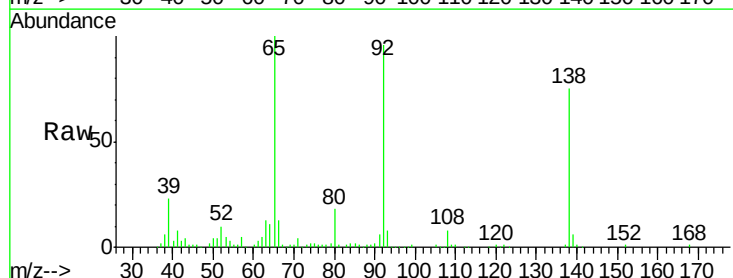
Tgt Ion:138 Resp: 141152

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

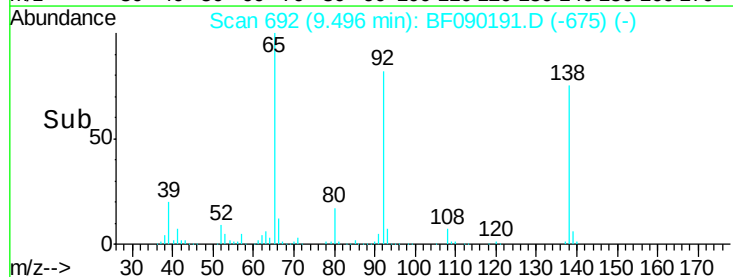
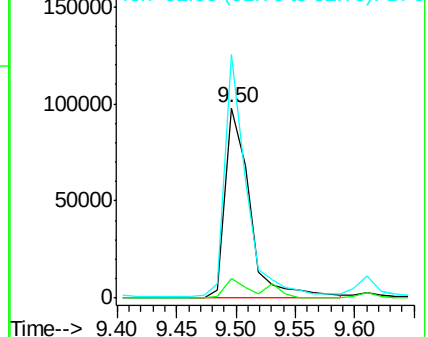
92 127.9 90.7 136.1

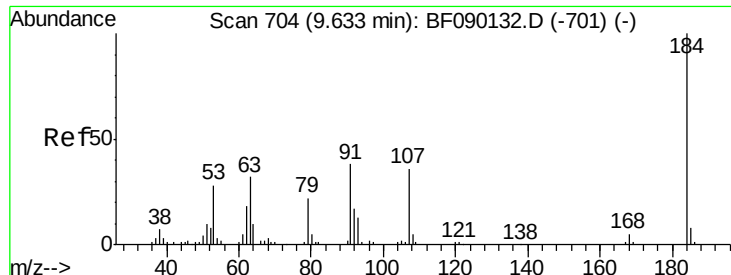


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

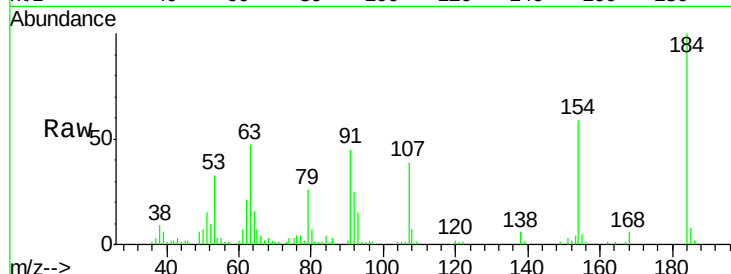




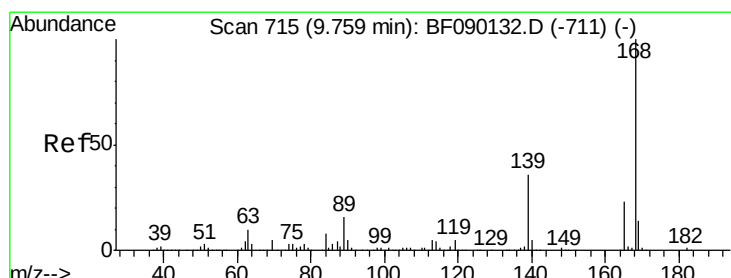
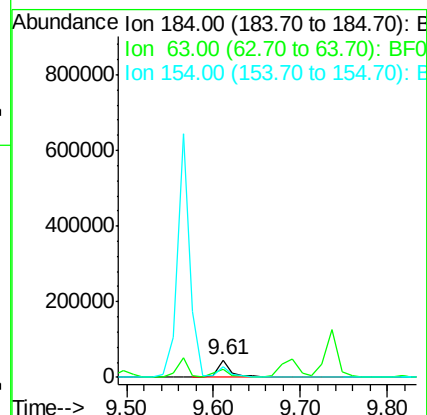
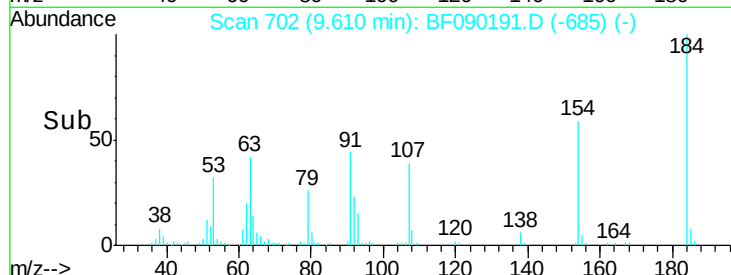
#53
 2,4-Dinitrophenol
 Concen: 22.10 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion:184 Resp: 52974
 Ion Ratio Lower Upper
 184 100
 63 47.4 44.6 67.0
 154 59.3 49.7 74.5

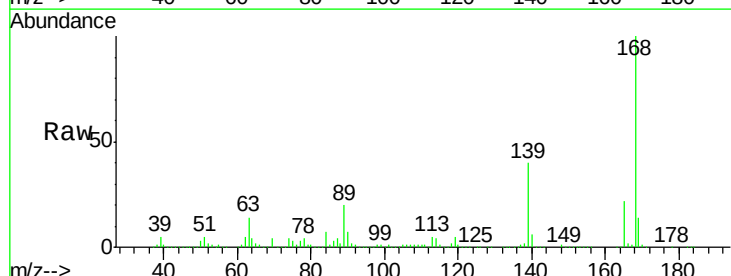


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

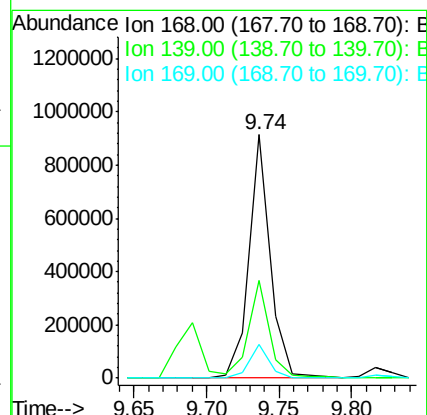
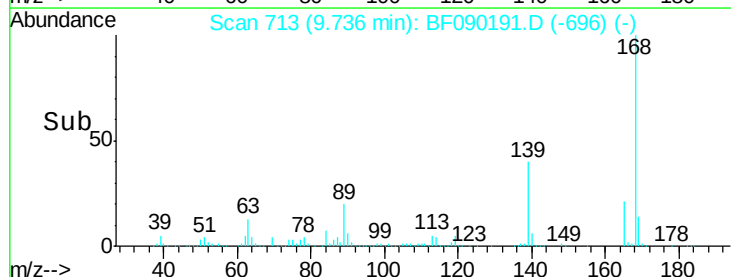


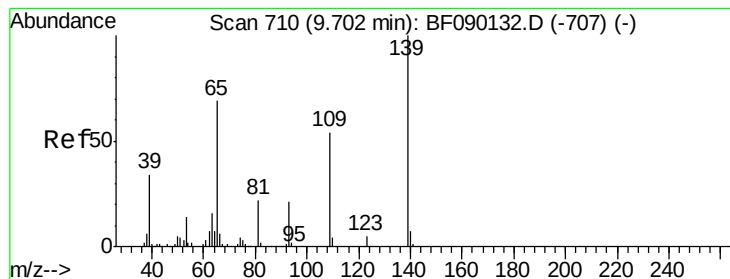
#54
 Dibenzofuran
 Concen: 41.36 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion:168 Resp: 936338
 Ion Ratio Lower Upper
 168 100
 139 40.1 28.8 43.2
 169 13.8 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 65.77 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

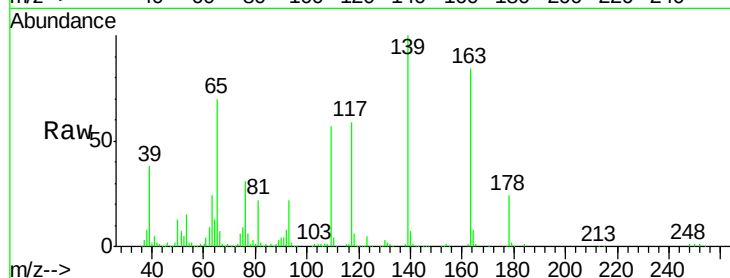
Tgt Ion:139 Resp: 253548

Ion Ratio Lower Upper

139 100

109 56.8 35.6 75.6

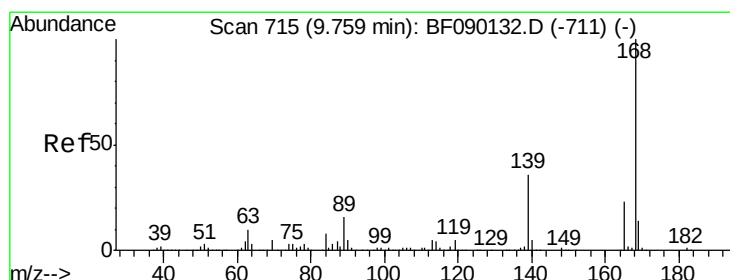
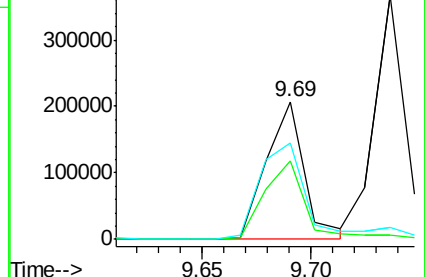
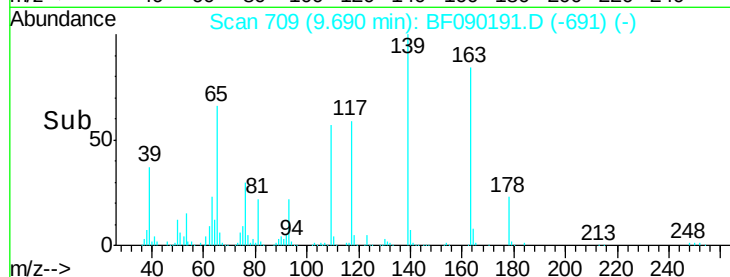
65 69.9 55.5 95.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.04 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Tgt Ion:165 Resp: 210193

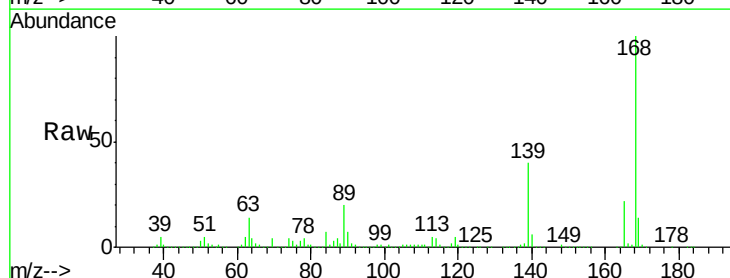
Ion Ratio Lower Upper

165 100

63 61.3 44.4 66.6

89 90.7 70.1 105.1

182 2.1 1.7 2.5

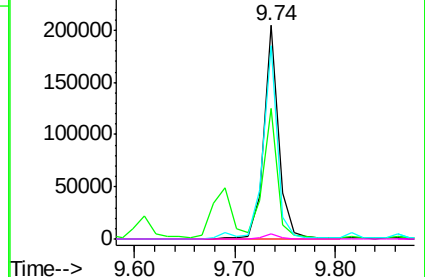
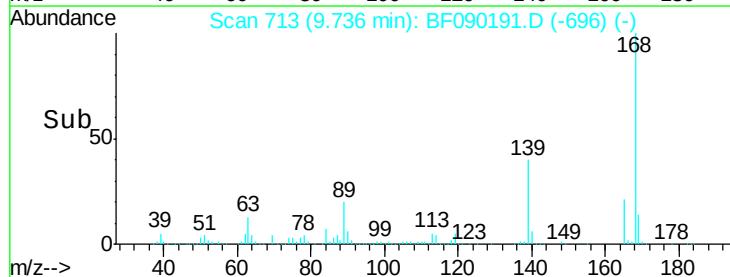


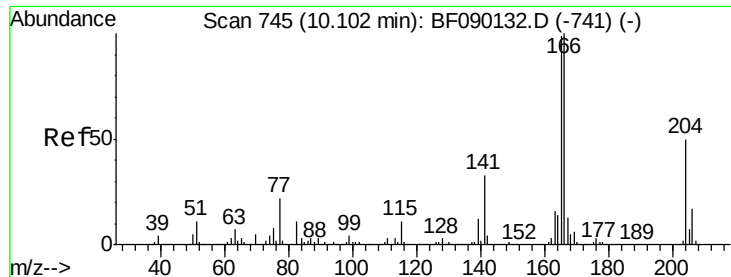
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

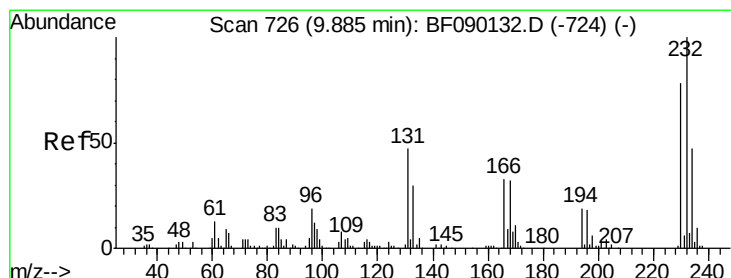
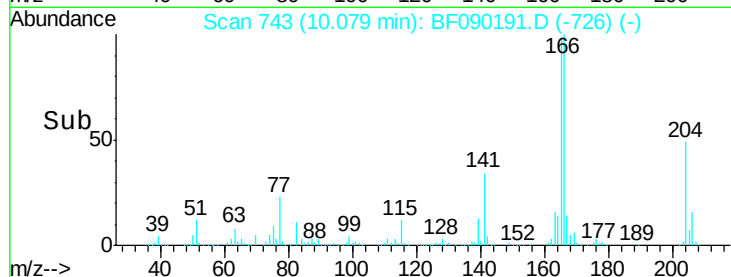
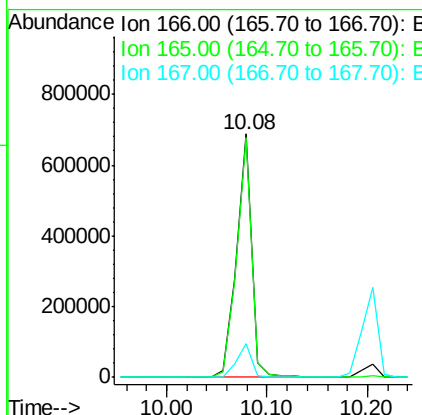
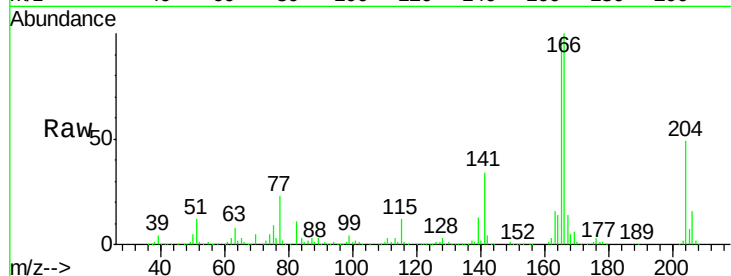




#57
 Fluorene
 Concen: 42.10 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

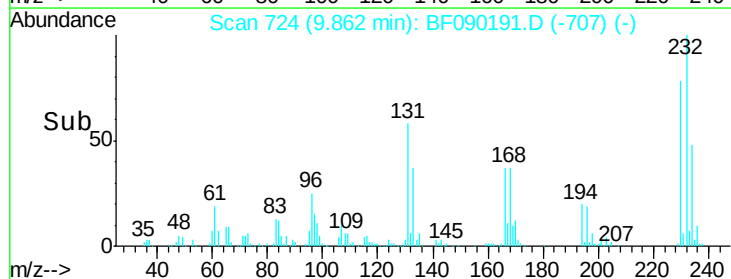
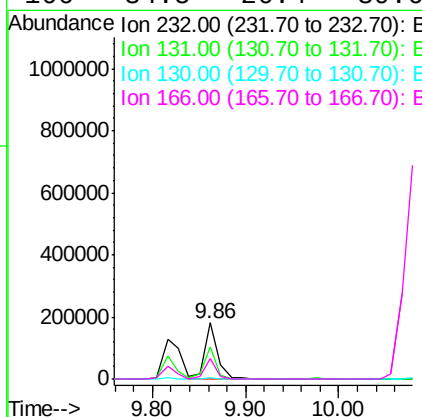
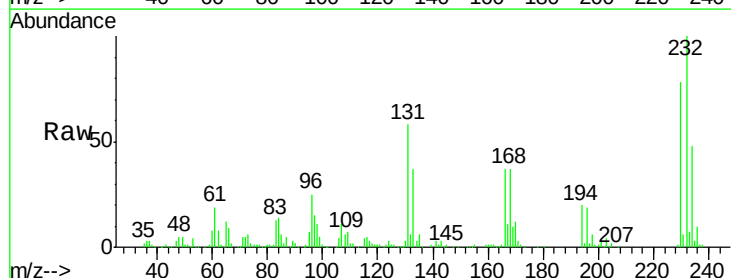
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

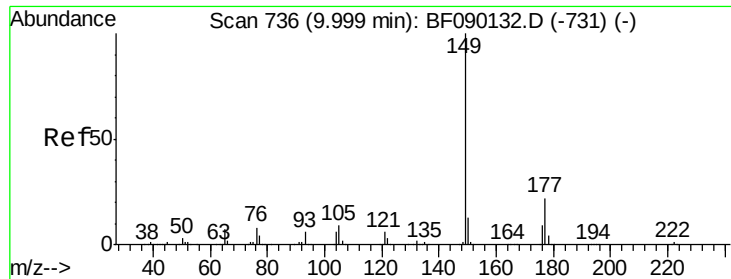
Tgt Ion:166 Resp: 718192
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.5 117.7
 167 13.7 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.61 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion:232 Resp: 174105
 Ion Ratio Lower Upper
 232 100
 131 52.0 42.2 63.4
 130 2.7 1.9 2.9
 166 34.5 26.4 39.6

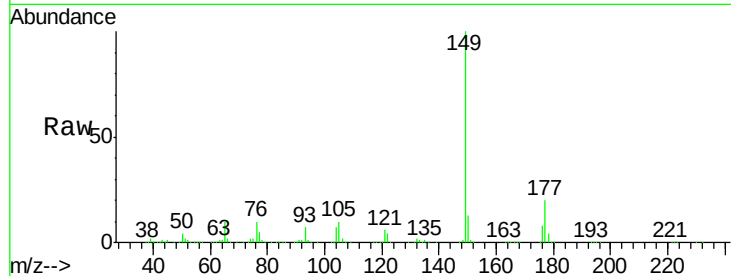




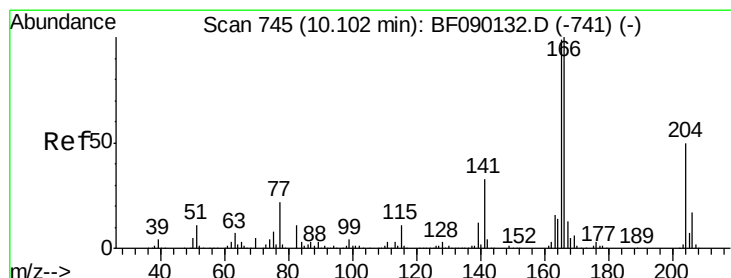
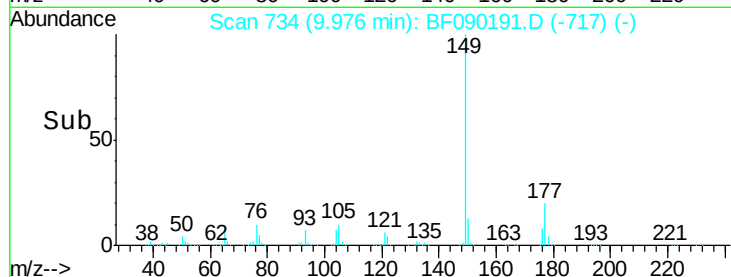
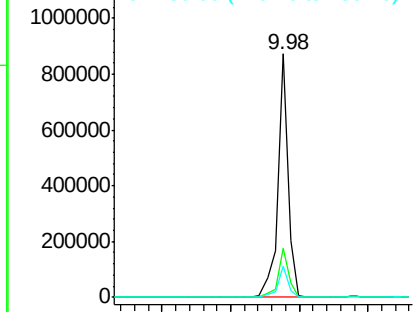
#59
Diethylphthalate
Concen: 44.06 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.8	23.6
150	12.7	10.4	15.6

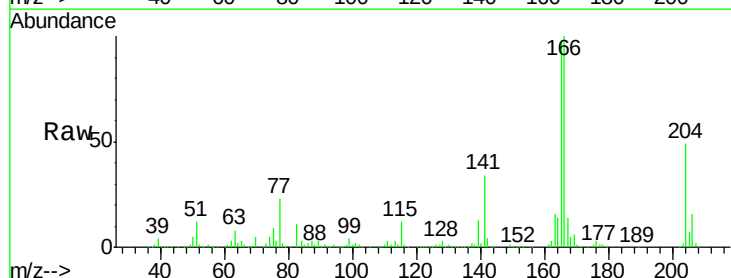


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

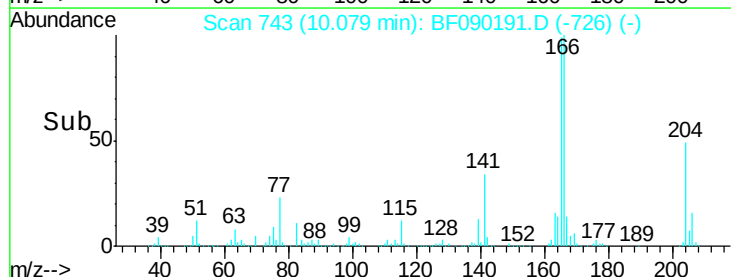
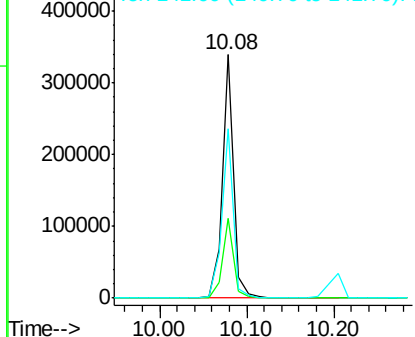


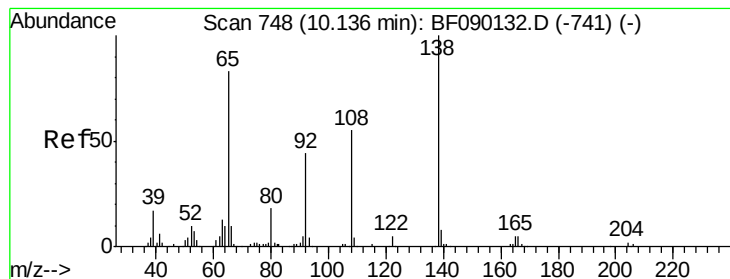
#60
4-Chlorophenyl-phenylether
Concen: 39.70 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	69.8	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: 34.42 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

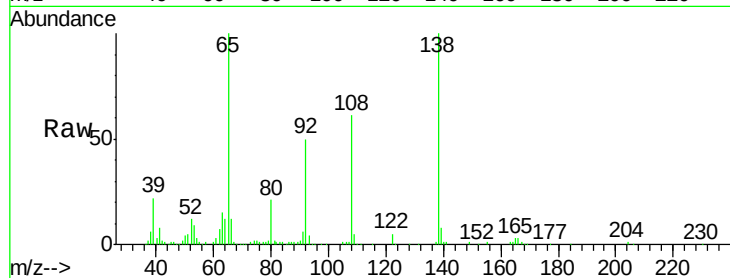
Tgt Ion:138 Resp: 197414

Ion Ratio Lower Upper

138 100

92 50.6 23.8 63.8

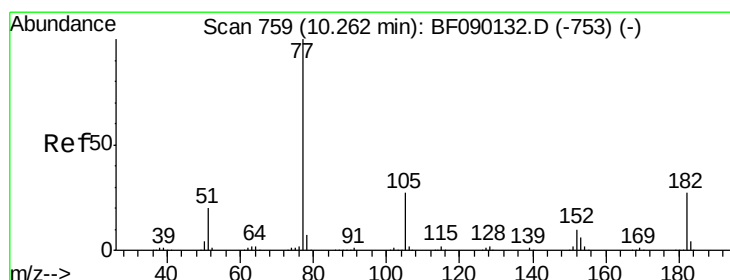
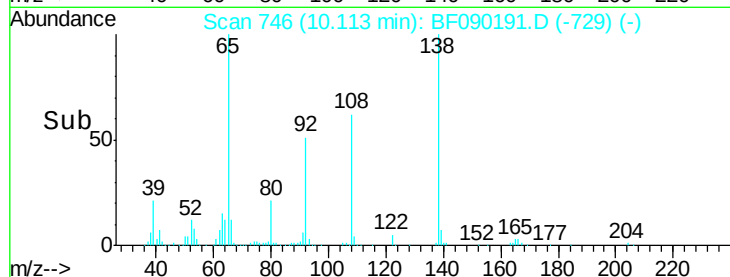
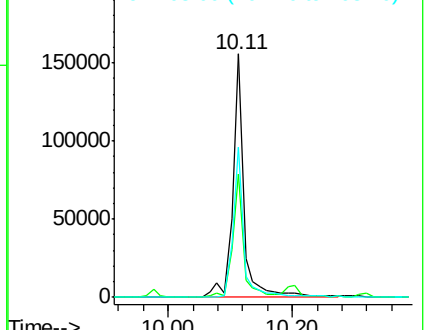
108 61.7 35.0 75.0



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: 46.67 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Tgt Ion: 77 Resp: 1010395

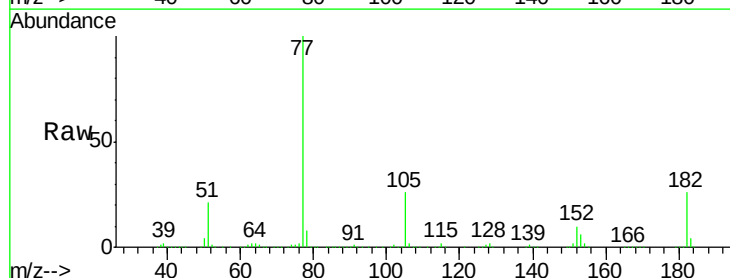
Ion Ratio Lower Upper

77 100

182 26.3 0.0 38.4

105 25.7 3.8 43.8

51 20.7 2.6 42.6

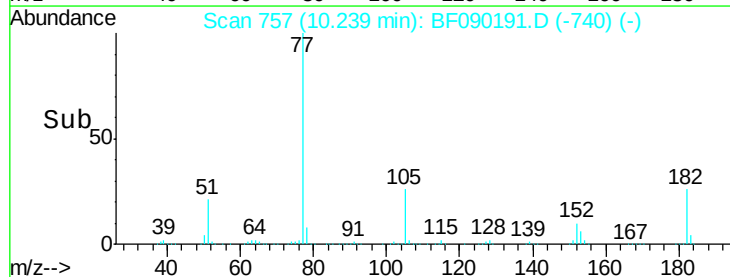
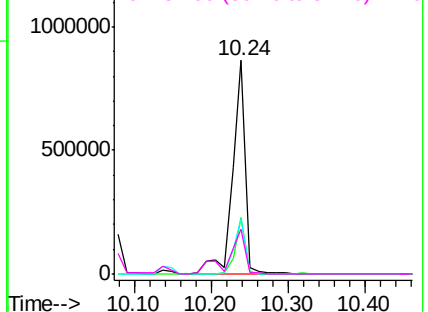


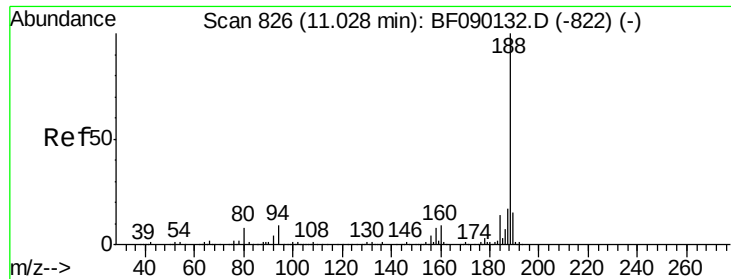
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.00 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

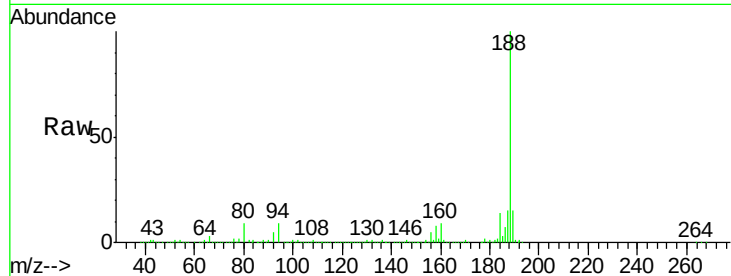
Tgt Ion:188 Resp: 497152

Ion Ratio Lower Upper

188 100

94 9.2 10.5 15.7#

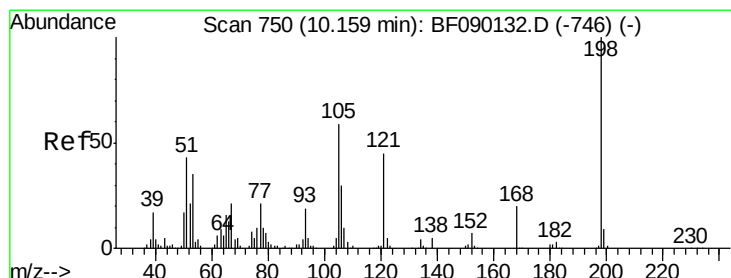
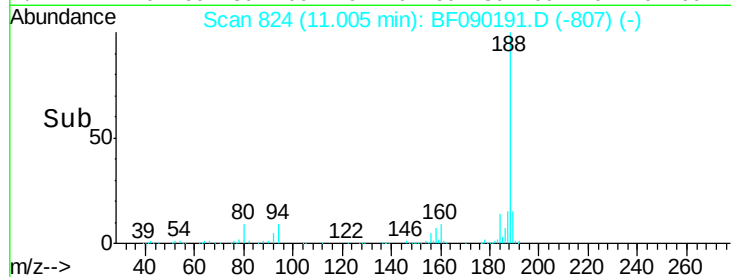
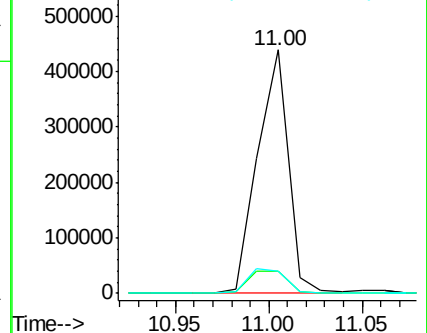
80 9.3 11.2 16.8#



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: 27.71 ng

RT: 10.15 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

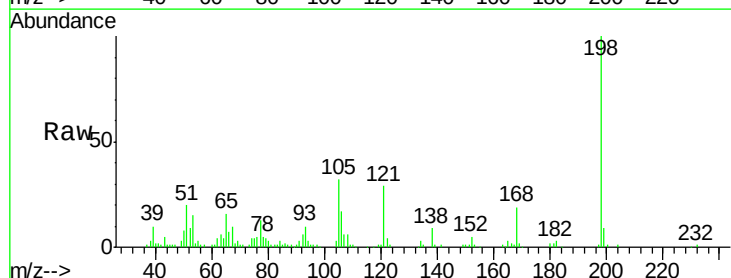
Tgt Ion:198 Resp: 86275

Ion Ratio Lower Upper

198 100

51 20.1 5.5 45.5

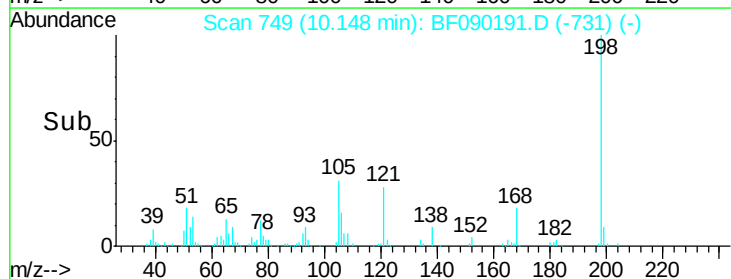
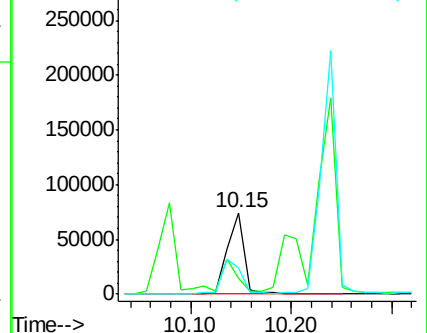
105 32.4 21.8 61.8

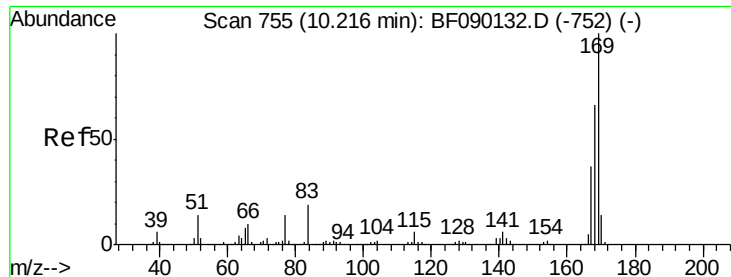


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.51 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

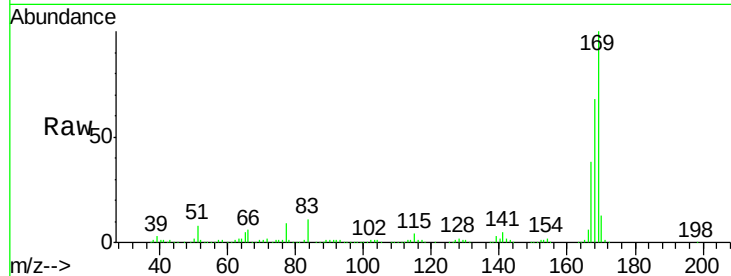
Tgt Ion:169 Resp: 743958

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.4

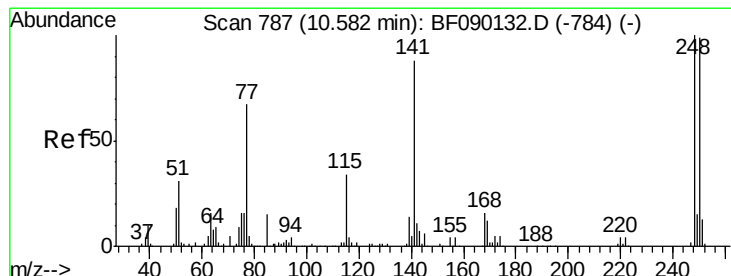
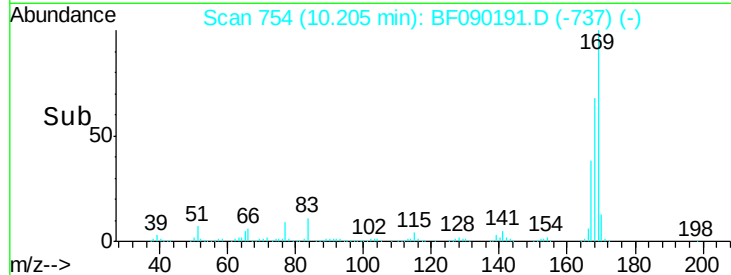
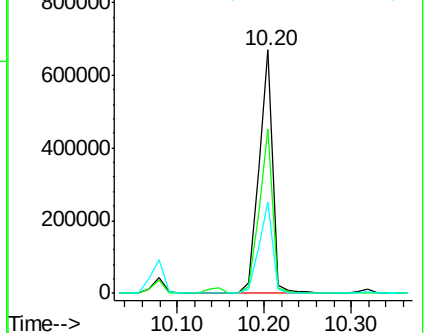
167 37.7 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.23 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

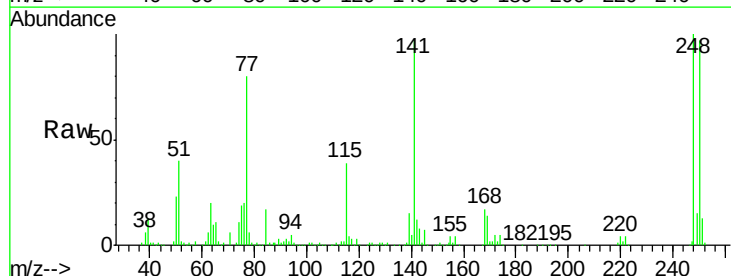
Tgt Ion:248 Resp: 201710

Ion Ratio Lower Upper

248 100

250 96.9 79.4 119.2

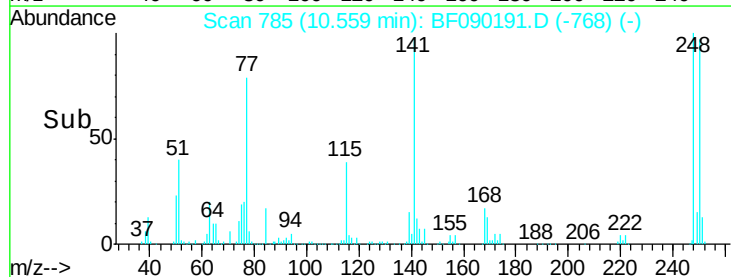
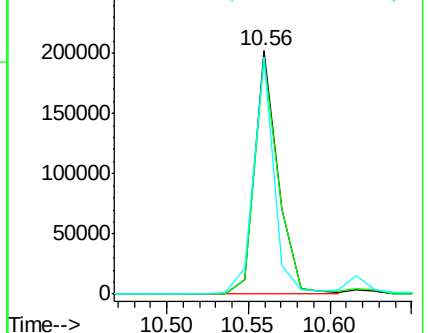
141 97.4 49.3 73.9#

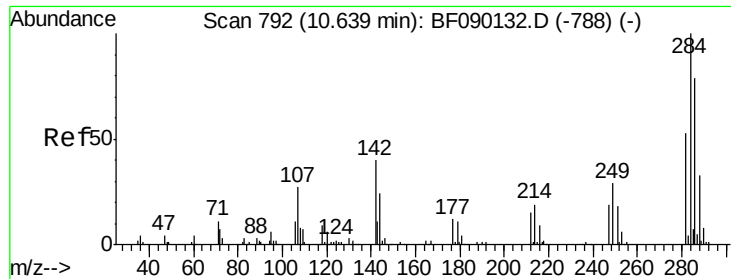


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

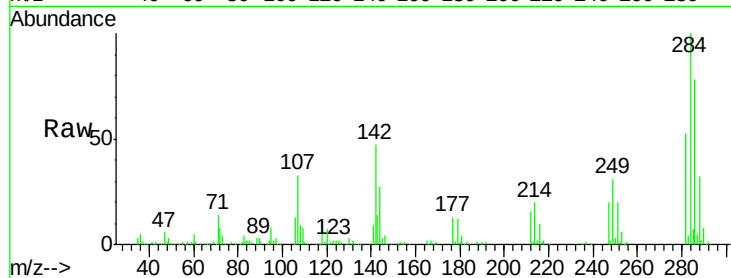




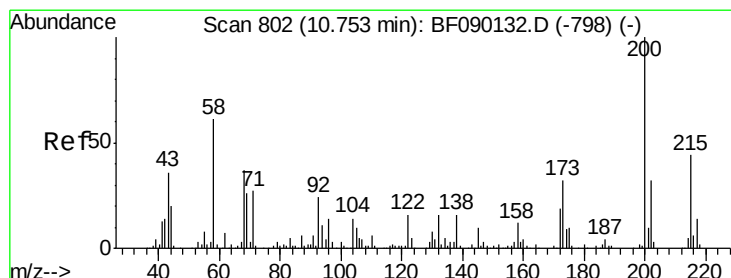
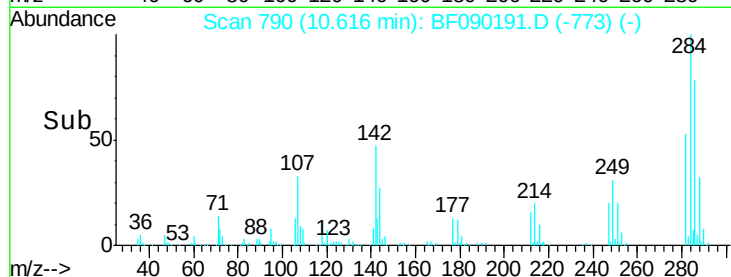
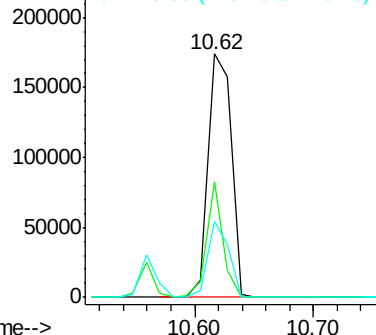
#67
Hexachlorobenzene
Concen: 41.79 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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

Tgt Ion:284 Resp: 238293
Ion Ratio Lower Upper
284 100
142 47.2 24.0 36.0#
249 31.2 23.8 35.6

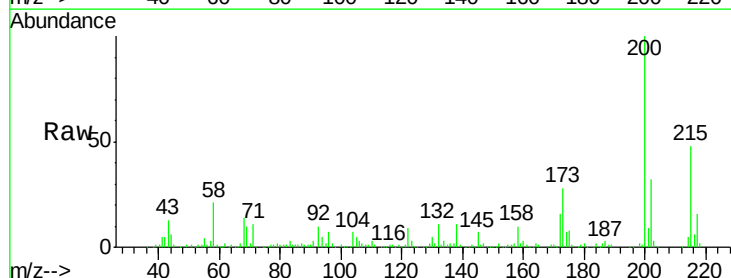


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

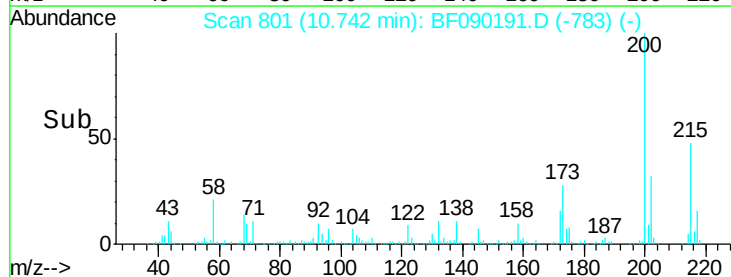
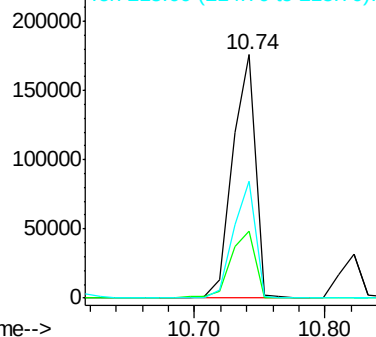


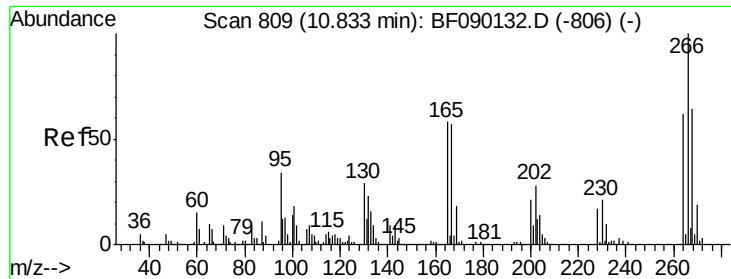
#68
Atrazine
Concen: 48.32 ng
RT: 10.74 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion:200 Resp: 216445
Ion Ratio Lower Upper
200 100
173 27.5 9.3 49.3
215 47.8 26.1 66.1



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

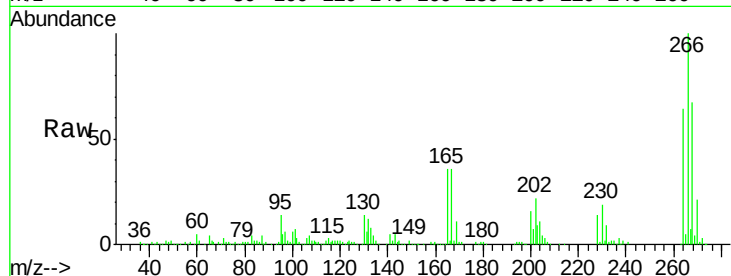




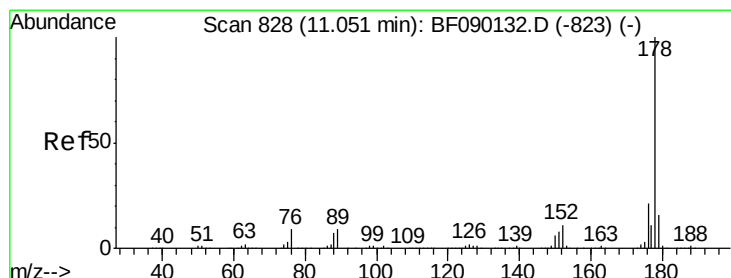
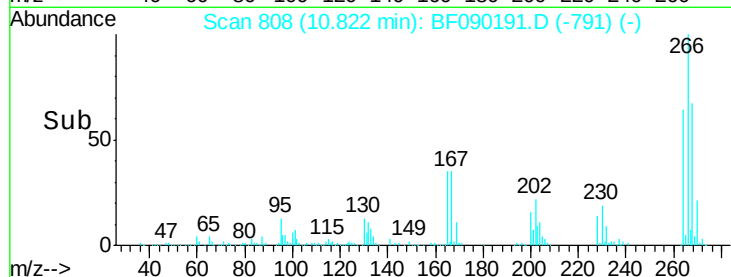
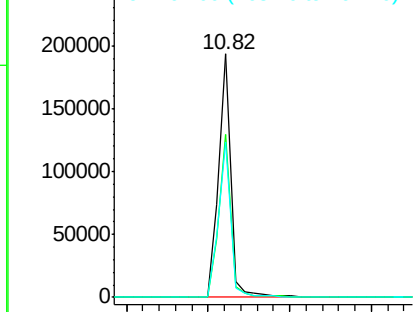
#69
 Pentachlorophenol
 Concen: 63.13 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion:266 Resp: 204306
 Ion Ratio Lower Upper
 266 100
 268 66.9 52.1 78.1
 264 63.8 50.3 75.5

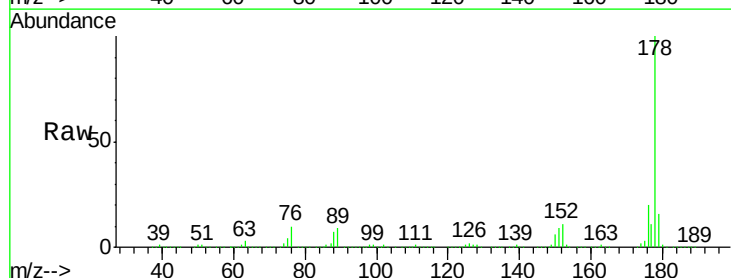


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

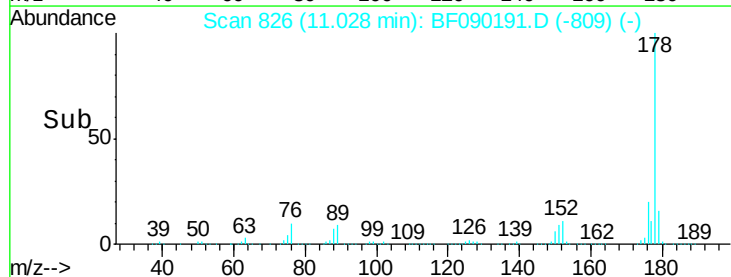
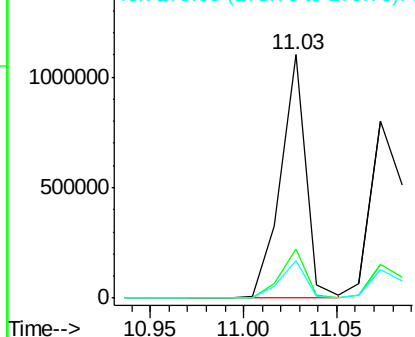


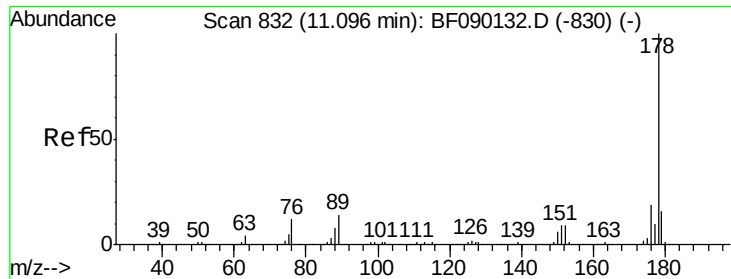
#70
 Phenanthrene
 Concen: 44.66 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion:178 Resp: 1038290
 Ion Ratio Lower Upper
 178 100
 176 20.2 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

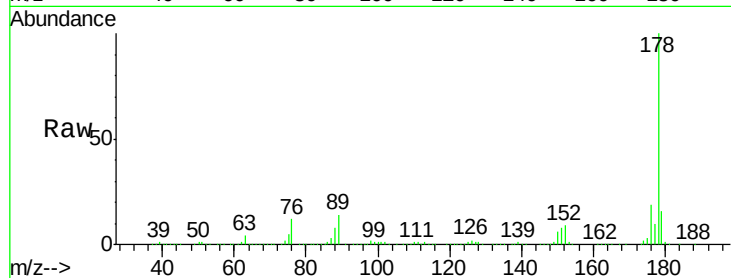




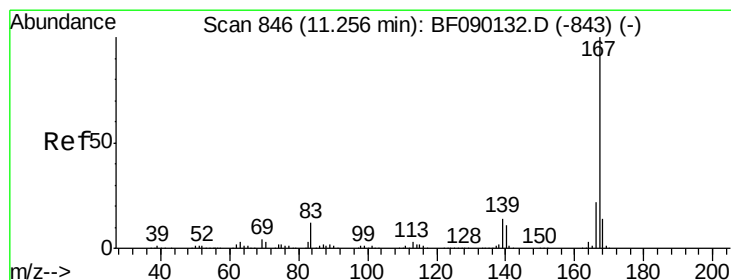
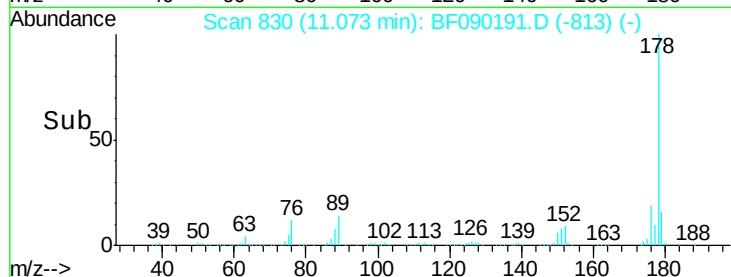
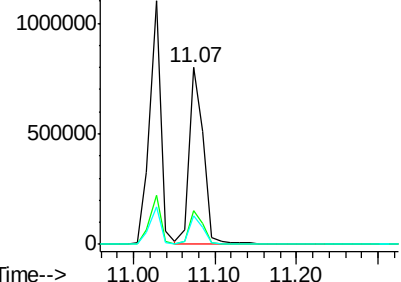
#71
 Anthracene
 Concen: 40.76 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion:178 Resp: 993975
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 16.2 12.6 19.0

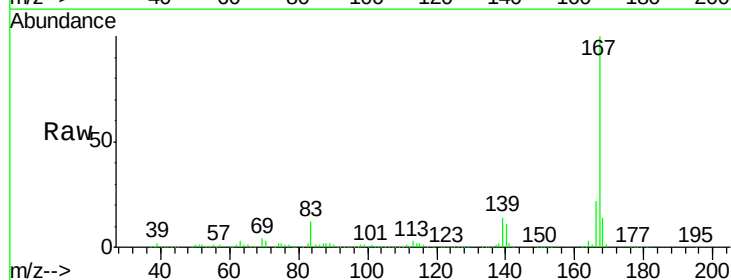


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

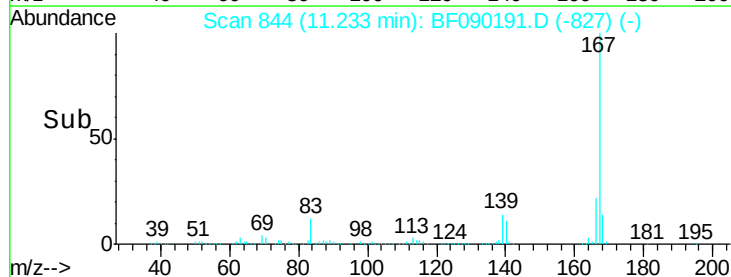
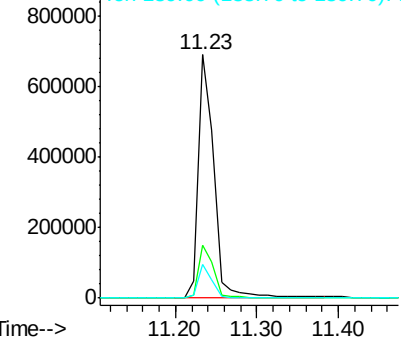


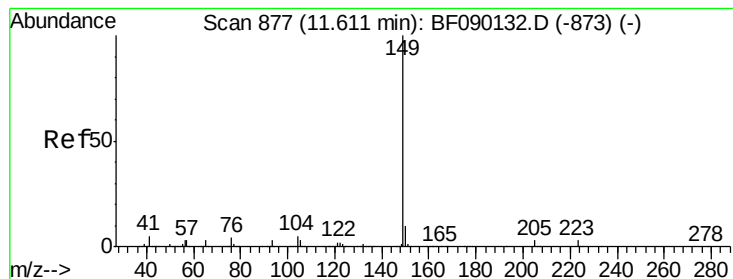
#72
 Carbazole
 Concen: 35.93 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion:167 Resp: 926231
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 13.9 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: 41.79 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

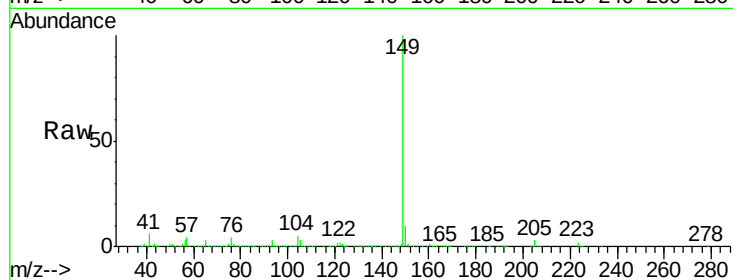
Tgt Ion:149 Resp: 1252778

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

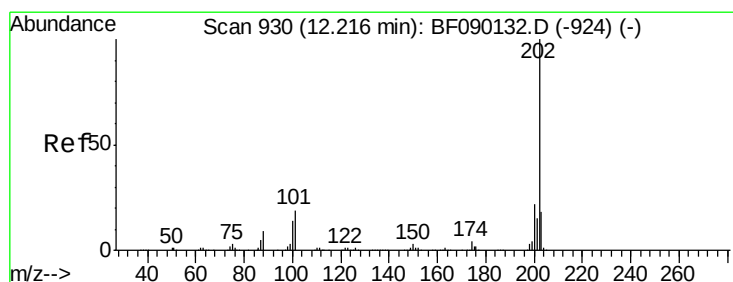
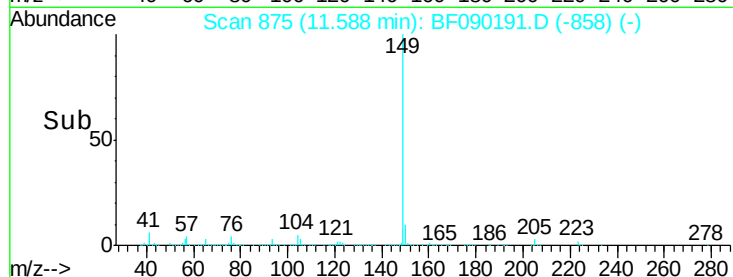
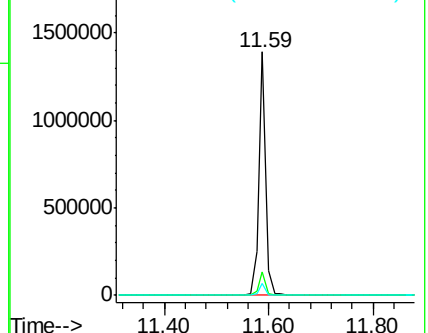
104 4.7 3.9 5.9



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: 38.15 ng

RT: 12.21 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

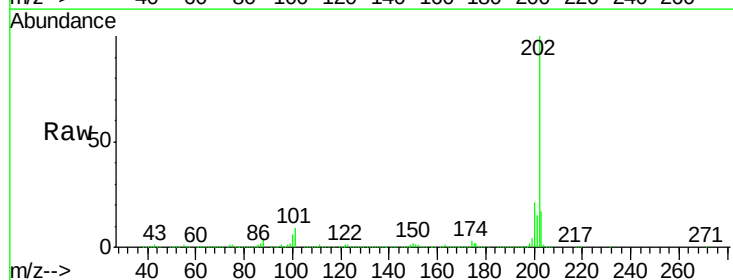
Tgt Ion:202 Resp: 952004

Ion Ratio Lower Upper

202 100

101 9.0 0.0 36.1

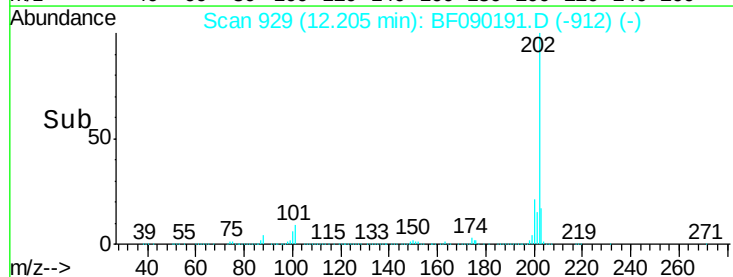
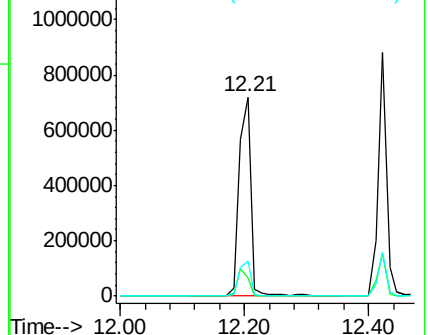
203 17.4 0.0 38.2

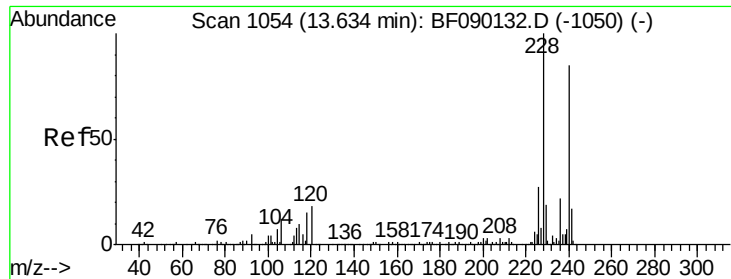


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.61 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

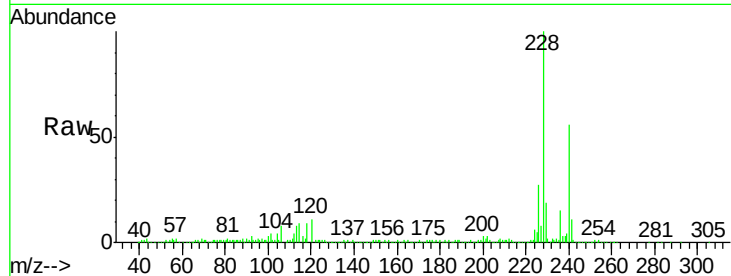
Tgt Ion:240 Resp: 266306

Ion Ratio Lower Upper

240 100

120 19.8 10.6 16.0#

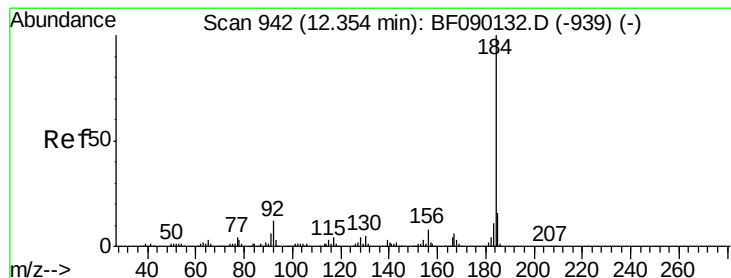
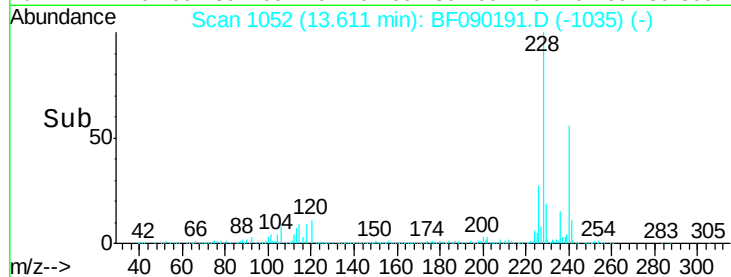
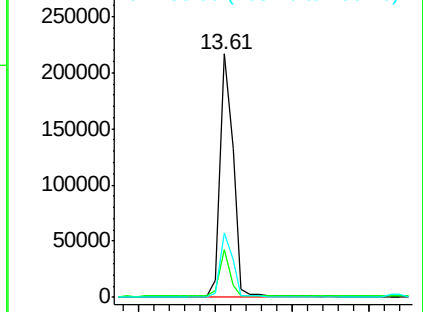
236 26.3 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.52 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

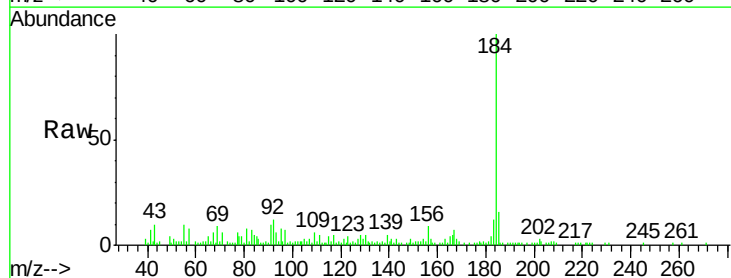
Tgt Ion:184 Resp: 102694

Ion Ratio Lower Upper

184 100

185 15.7 13.2 19.8

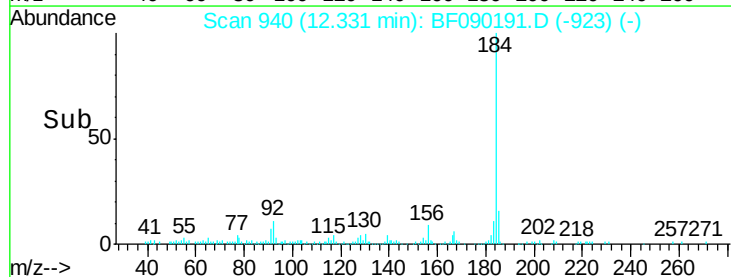
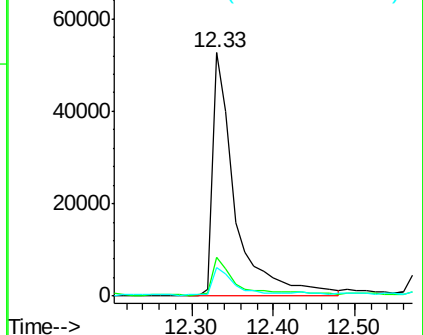
183 11.7 9.2 13.8

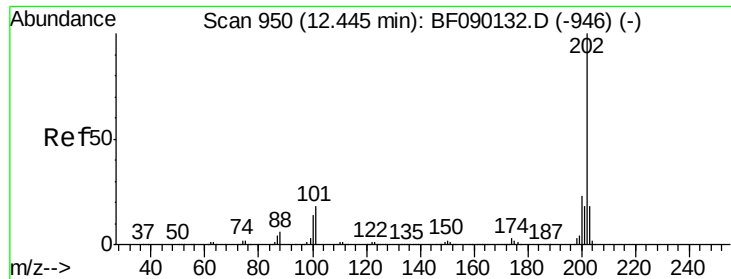


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

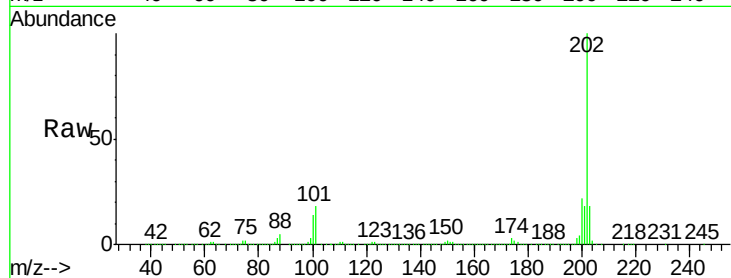




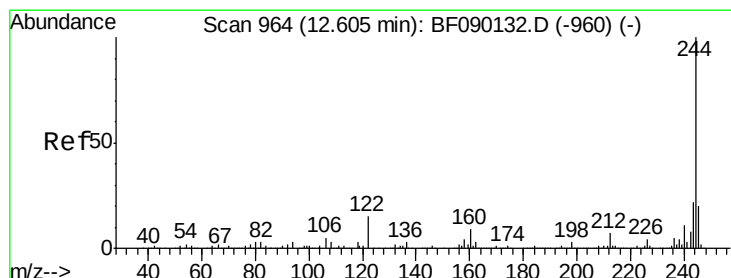
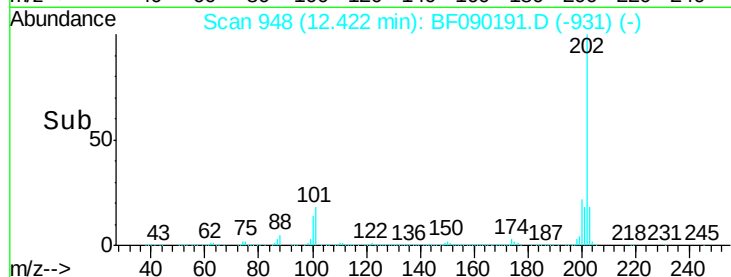
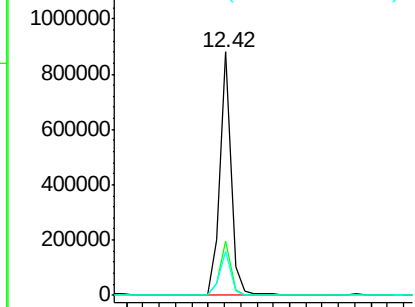
#77
 Pyrene
 Concen: 45.78 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.9	26.9
203	18.2	14.2	21.4

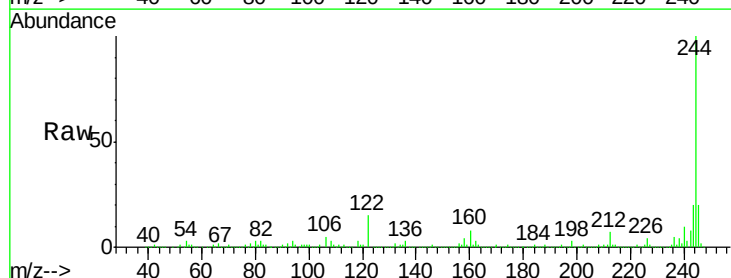


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

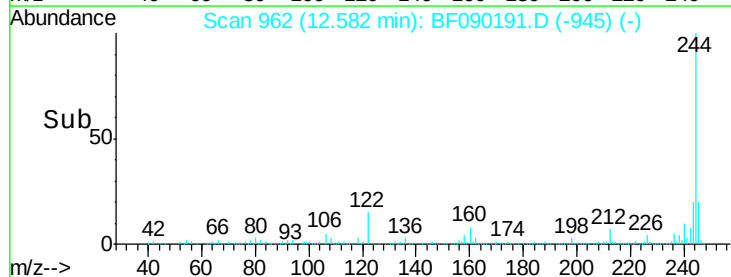
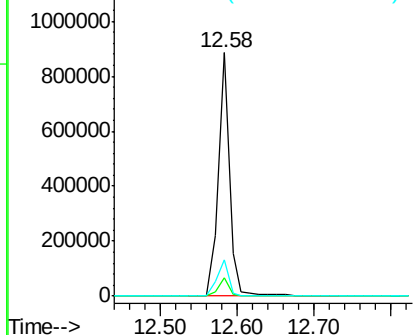


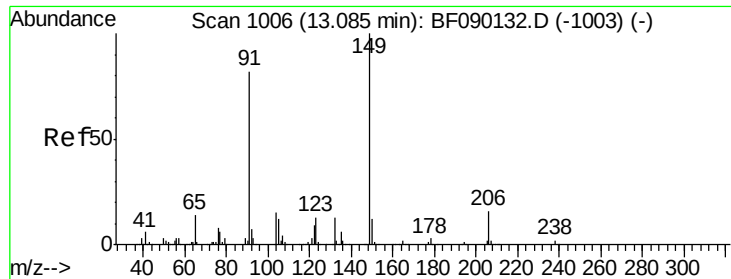
#78
 Terphenyl-d14
 Concen: 86.94 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	15.0	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

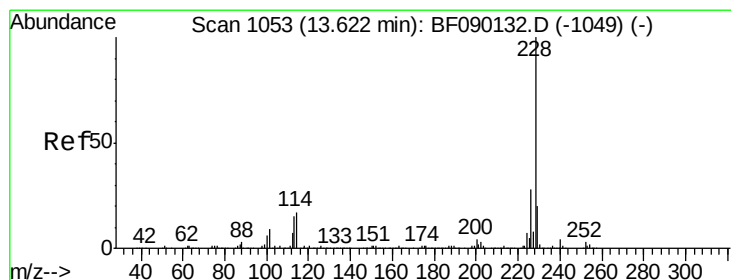
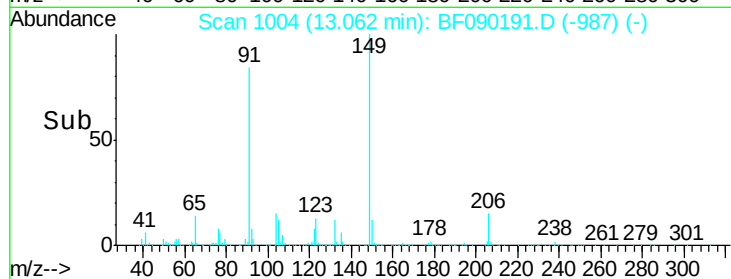
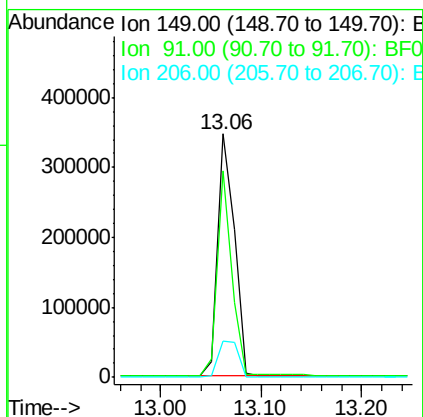
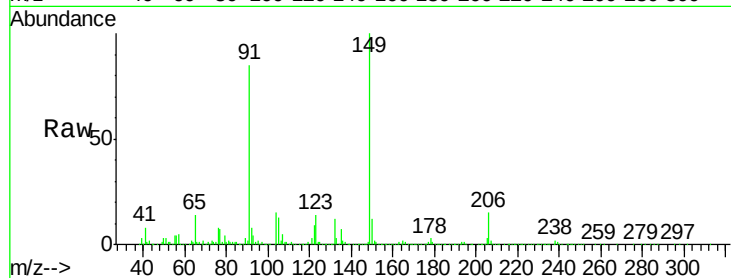




#79
Butylbenzylphthalate
Concen: 45.43 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

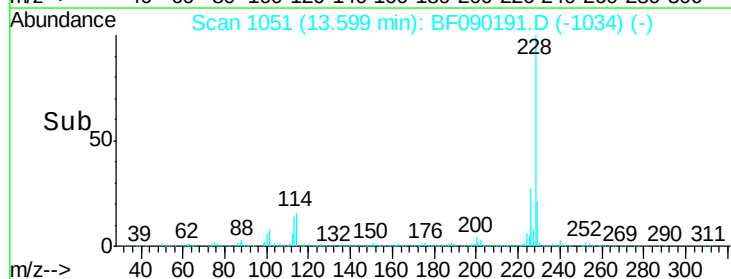
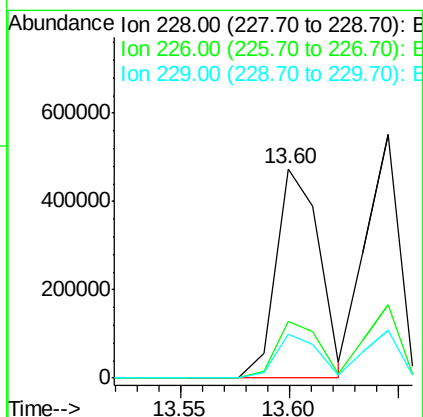
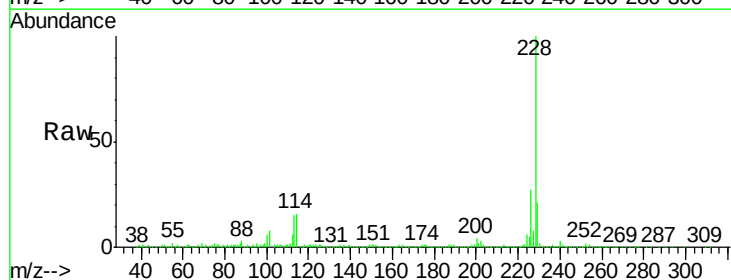
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

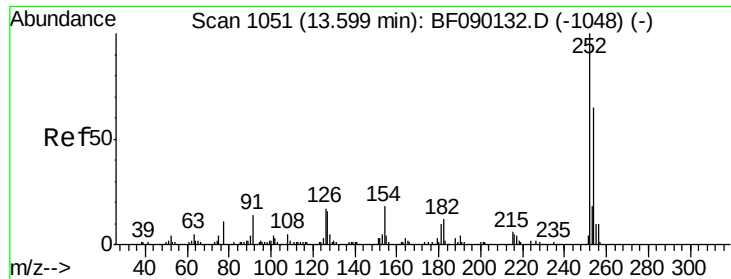
Tgt Ion:149 Resp: 404969
Ion Ratio Lower Upper
149 100
91 84.7 49.8 74.6#
206 15.0 16.3 24.5#



#80
Benzo(a)anthracene
Concen: 45.76 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion:228 Resp: 655637
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 20.7 16.2 24.2

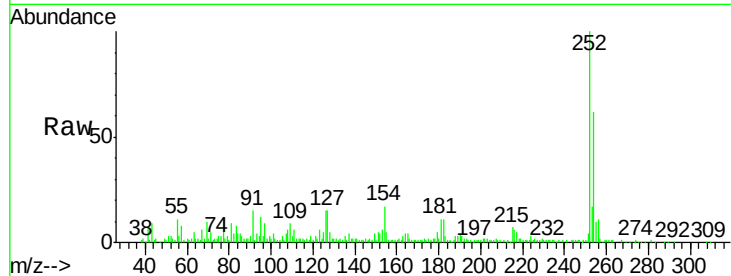




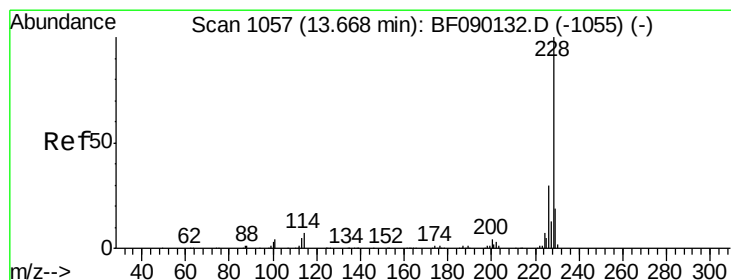
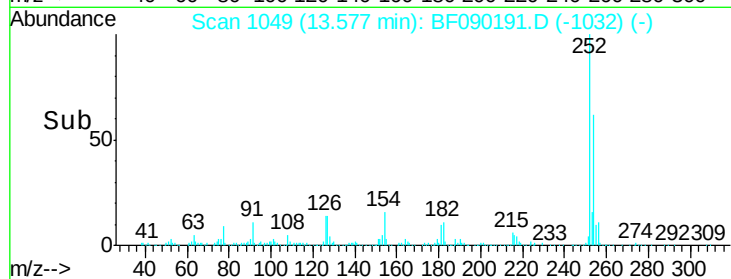
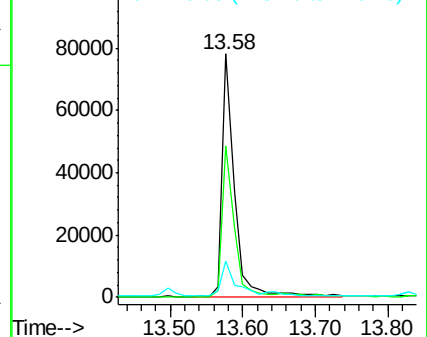
#81
 3,3'-Dichlorobenzidine
 Concen: 16.22 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion:252 Resp: 95813
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.7 76.1
 126 15.1 9.2 13.8#

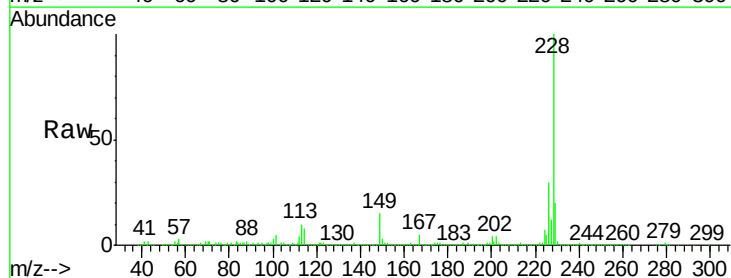


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

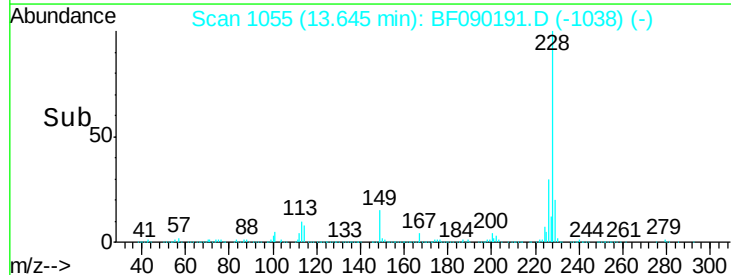
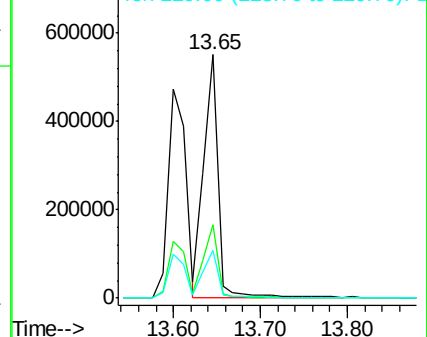


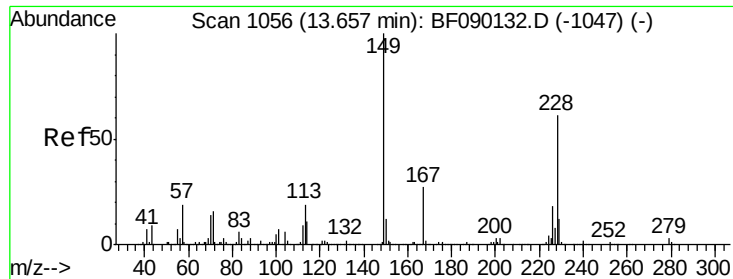
#82
 Chrysene
 Concen: 44.26 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion:228 Resp: 617673
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.6 37.0
 229 19.7 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: 48.55 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

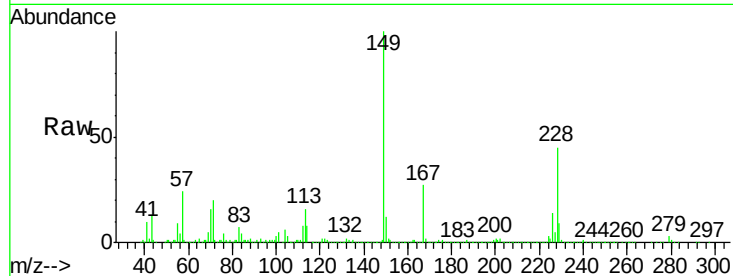
Tgt Ion:149 Resp: 553813

Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

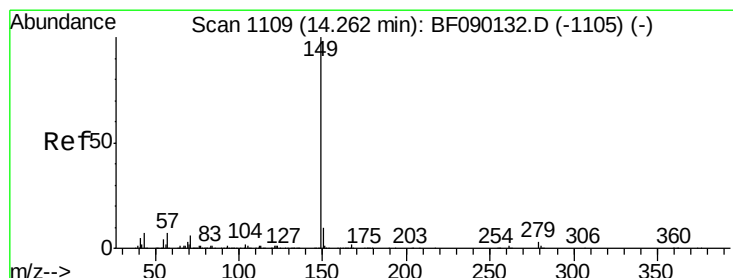
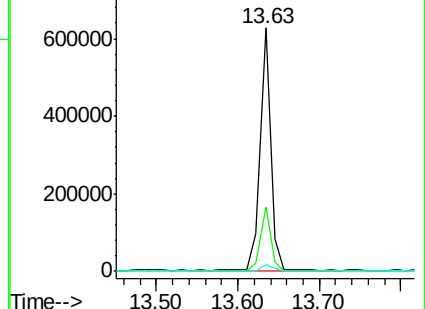
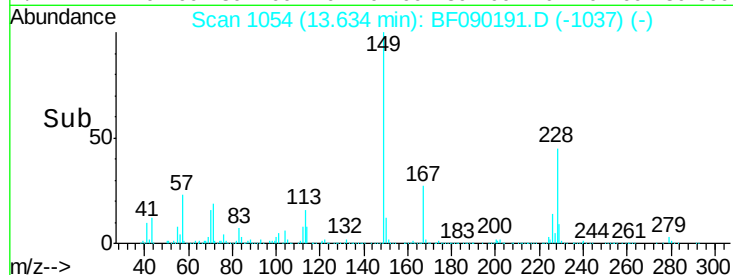
279 2.8 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.81 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

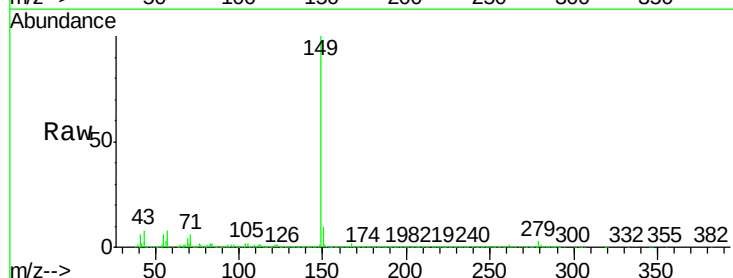
Tgt Ion:149 Resp: 919912

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

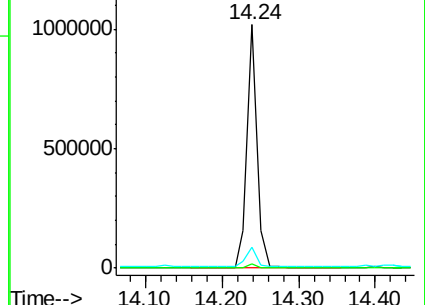
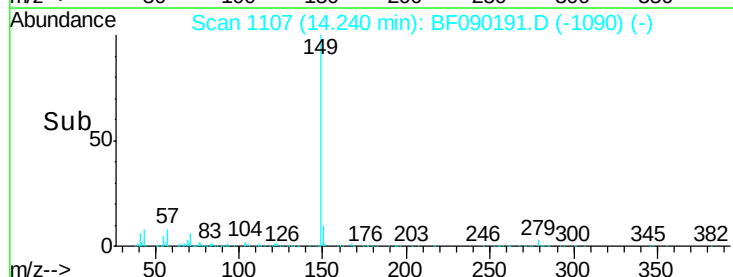
43 8.4 6.8 10.2

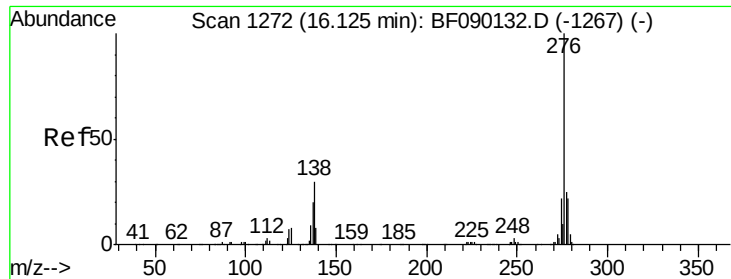


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

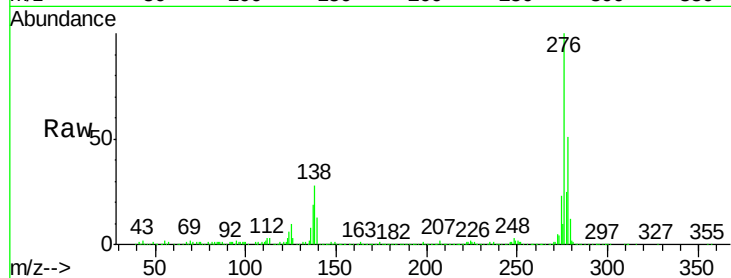




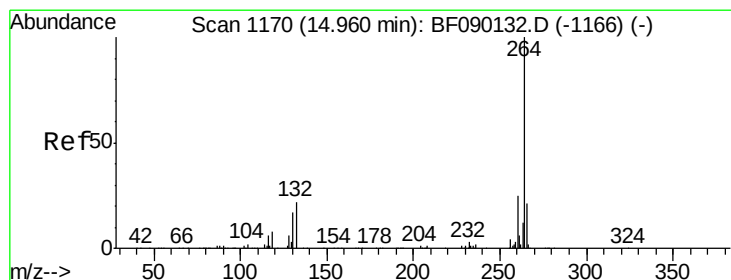
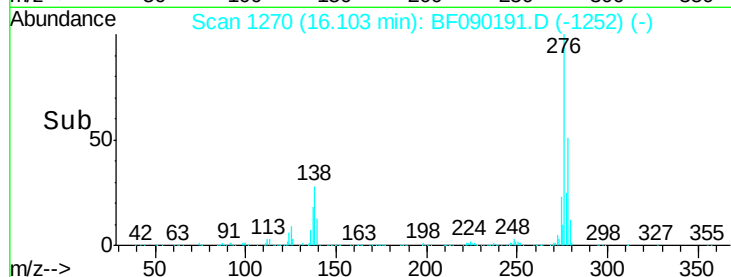
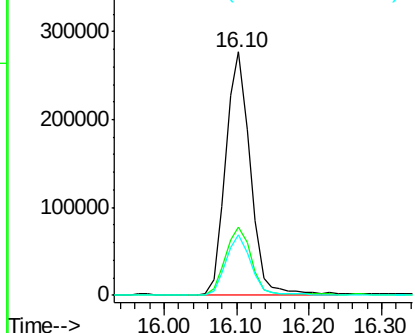
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.98 ng
 RT: 16.10 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.9	38.9
277	25.0	19.9	29.9

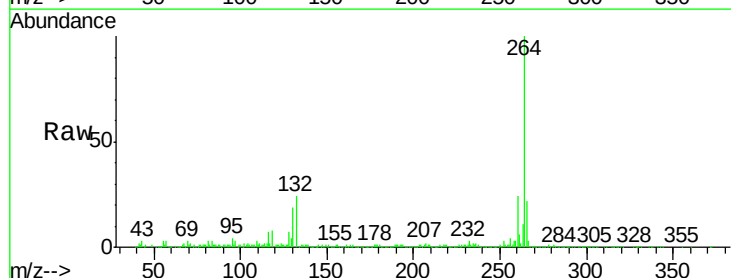


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

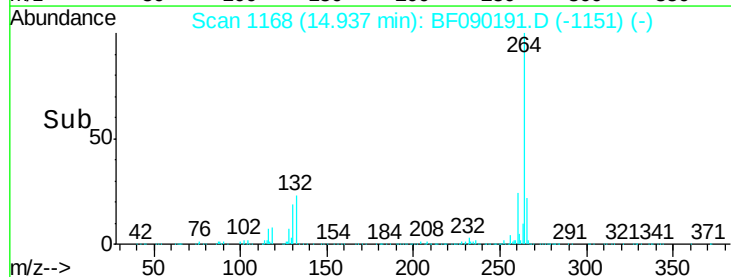
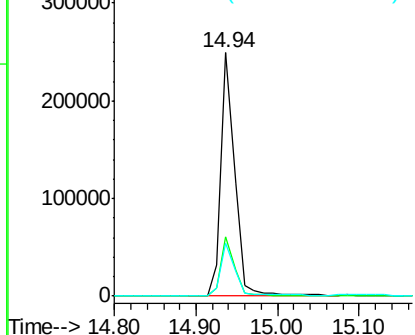


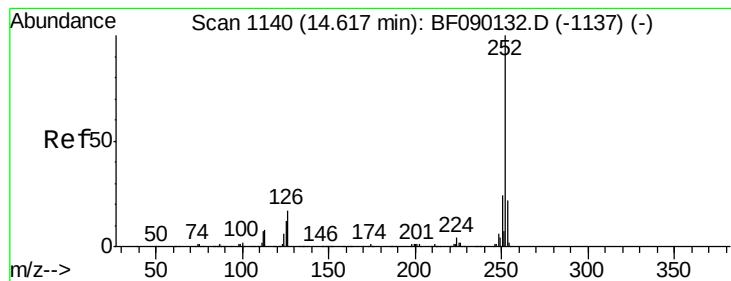
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.0	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: 39.59 ng m

RT: 14.59 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

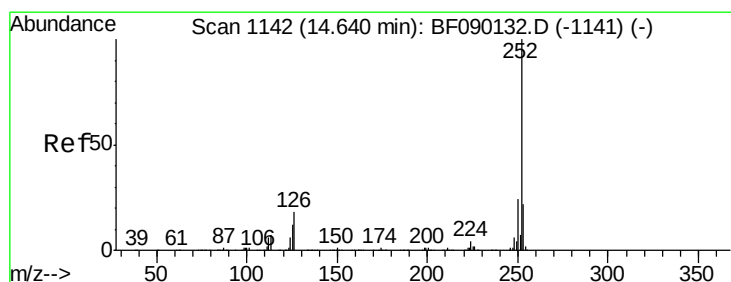
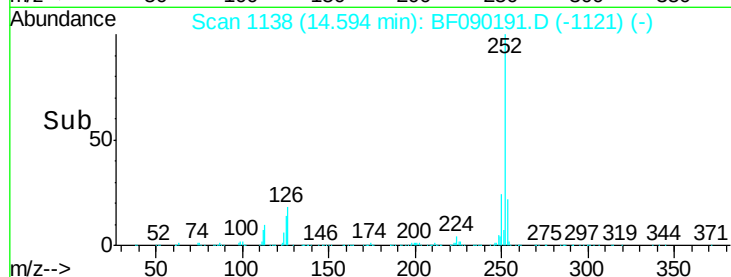
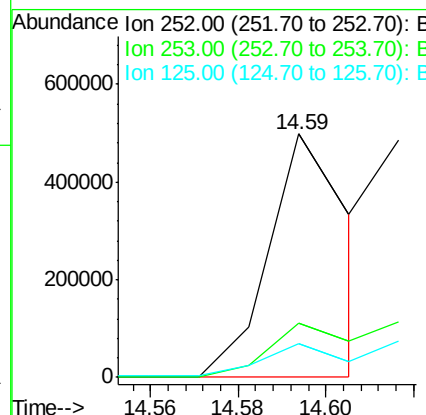
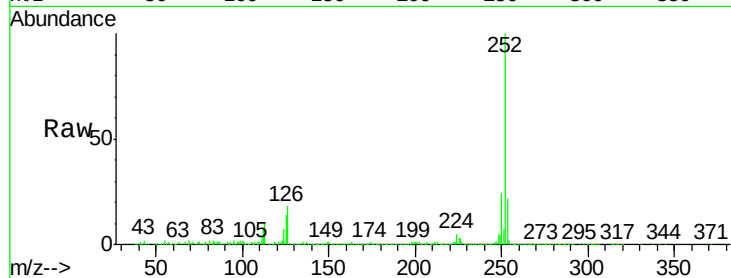
Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

Tgt Ion:	252	Resp:	640917
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.1	12.7	19.1



#88

Benzo(k)fluoranthene

Concen: 42.09 ng m

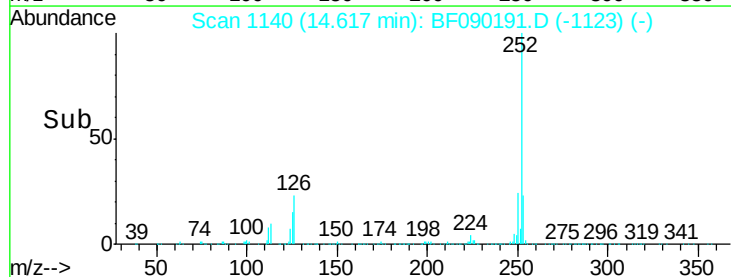
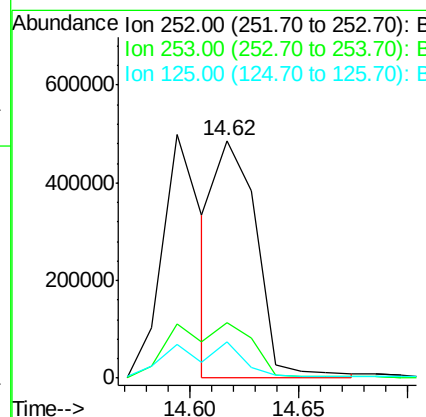
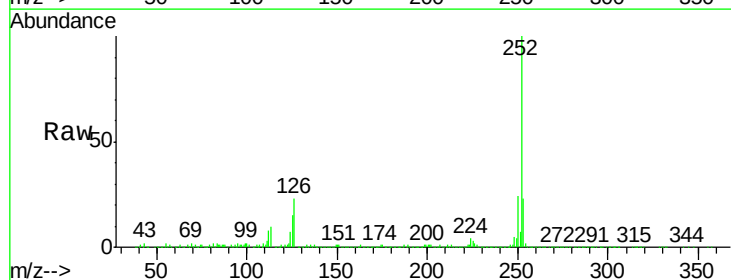
RT: 14.62 min Scan# 1140

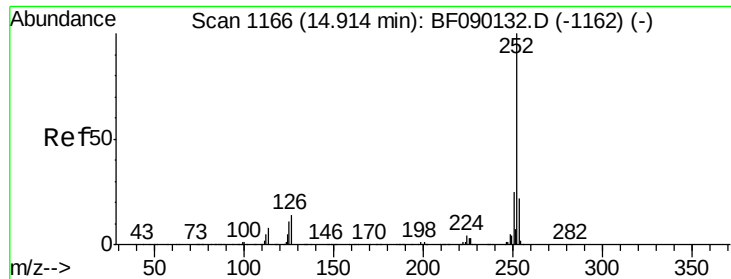
Delta R.T. -0.00 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Tgt Ion:	252	Resp:	639434
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	15.3	7.8	11.6#

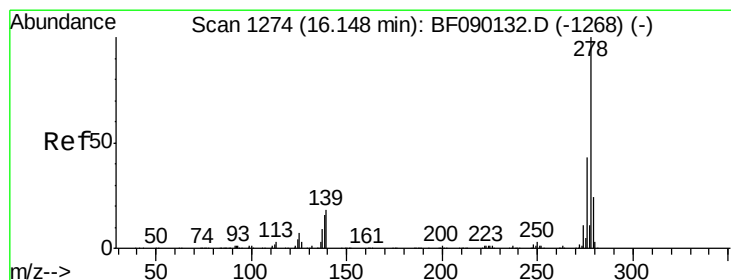
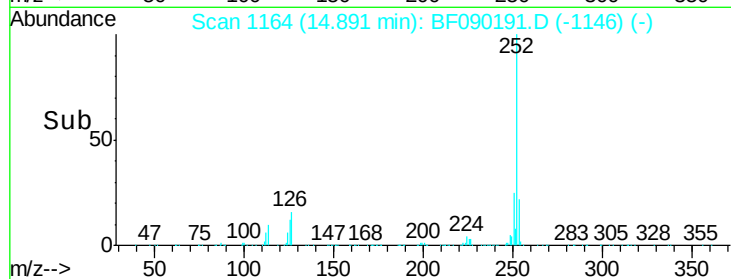
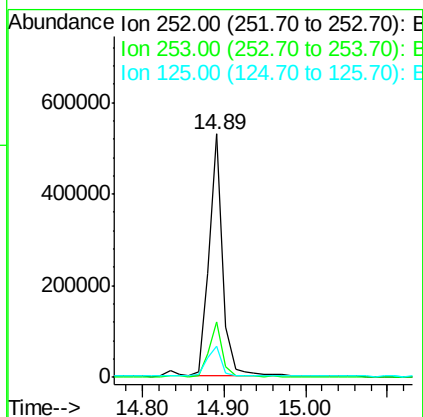
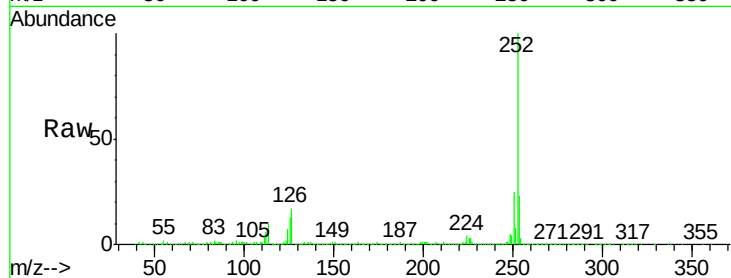




#89
Benzo(a)pyrene
Concen: 41.44 ng
RT: 14.89 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

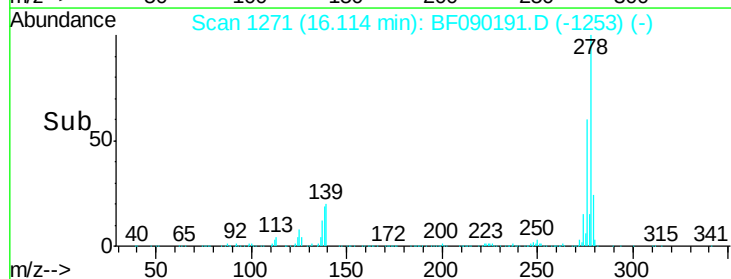
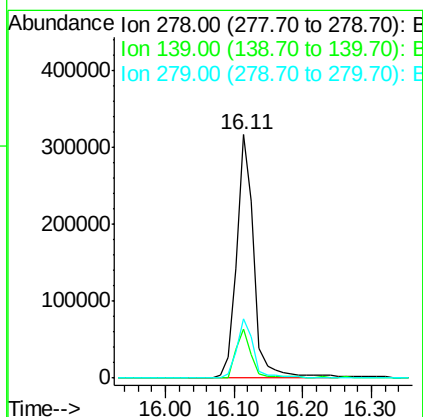
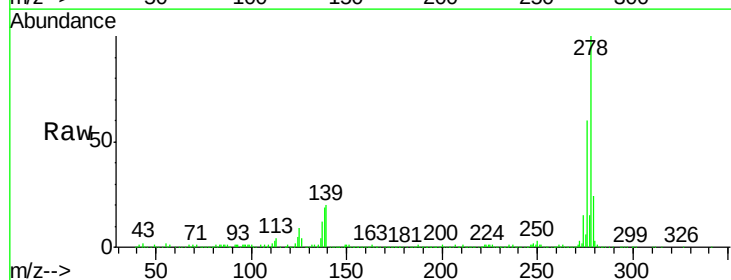
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

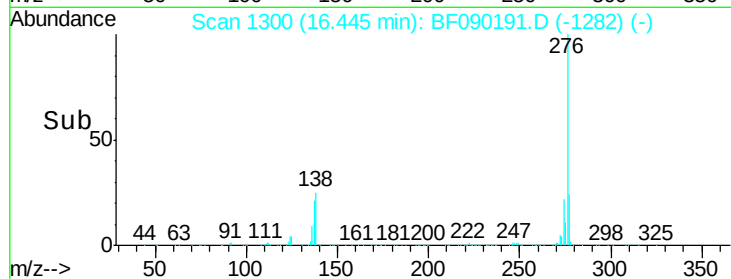
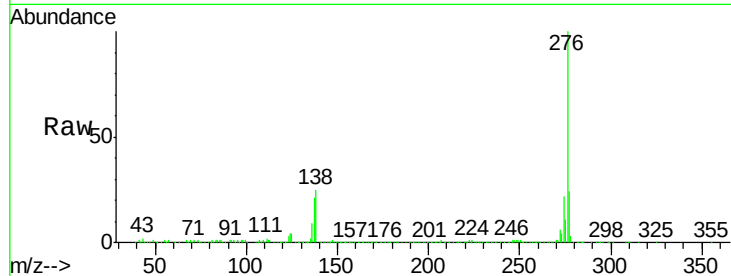
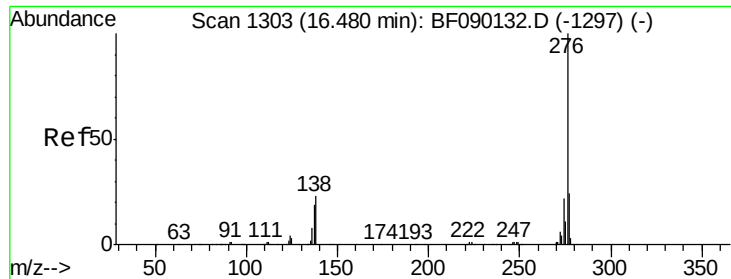
Tgt Ion:252 Resp: 631050
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 13.0 7.7 11.5#



#90
Dibenzo(a,h)anthracene
Concen: 46.95 ng
RT: 16.11 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion:278 Resp: 557886
Ion Ratio Lower Upper
278 100
139 19.9 14.6 21.8
279 24.2 18.8 28.2





#91

Benzo(g,h,i)perylene

Concen: 45.94 ng

RT: 16.45 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

Tgt Ion: 276 Resp: 534272

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 24.7 23.3 34.9

