

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 00:54:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	175055	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	696035	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	338104	20.00	ng	-0.02
63) Phenanthrene-d10	11.00	188	497152	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	266306	20.00	ng	-0.02
86) Perylene-d12	14.94	264	292348	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	1071921	99.81	ng	0.00
7) Phenol-d6	6.17	99	1525936	115.05	ng	0.00
23) Nitrobenzene-d5	7.07	82	915480	76.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	287257	99.03	ng	-0.02
44) 2-Fluorobiphenyl	8.87	172	1551301	90.08	ng	-0.02
78) Terphenyl-d14	12.58	244	913211	87.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	165587	28.42	ng	97
3) Pyridine	2.55	79	392162	31.03	ng	99
4) n-Nitrosodimethylamine	2.50	42	158493	42.03	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	470699	38.50	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	380978	39.14	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	615861	36.69	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	61909	19.48	ng	100
36) 4-Chloro-3-methylphenol	8.38	107	409800	37.77	ng	96
37) 2-Methylnaphthalene	8.50	142	827264	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

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 BH-8-1.5-2.5FTMS

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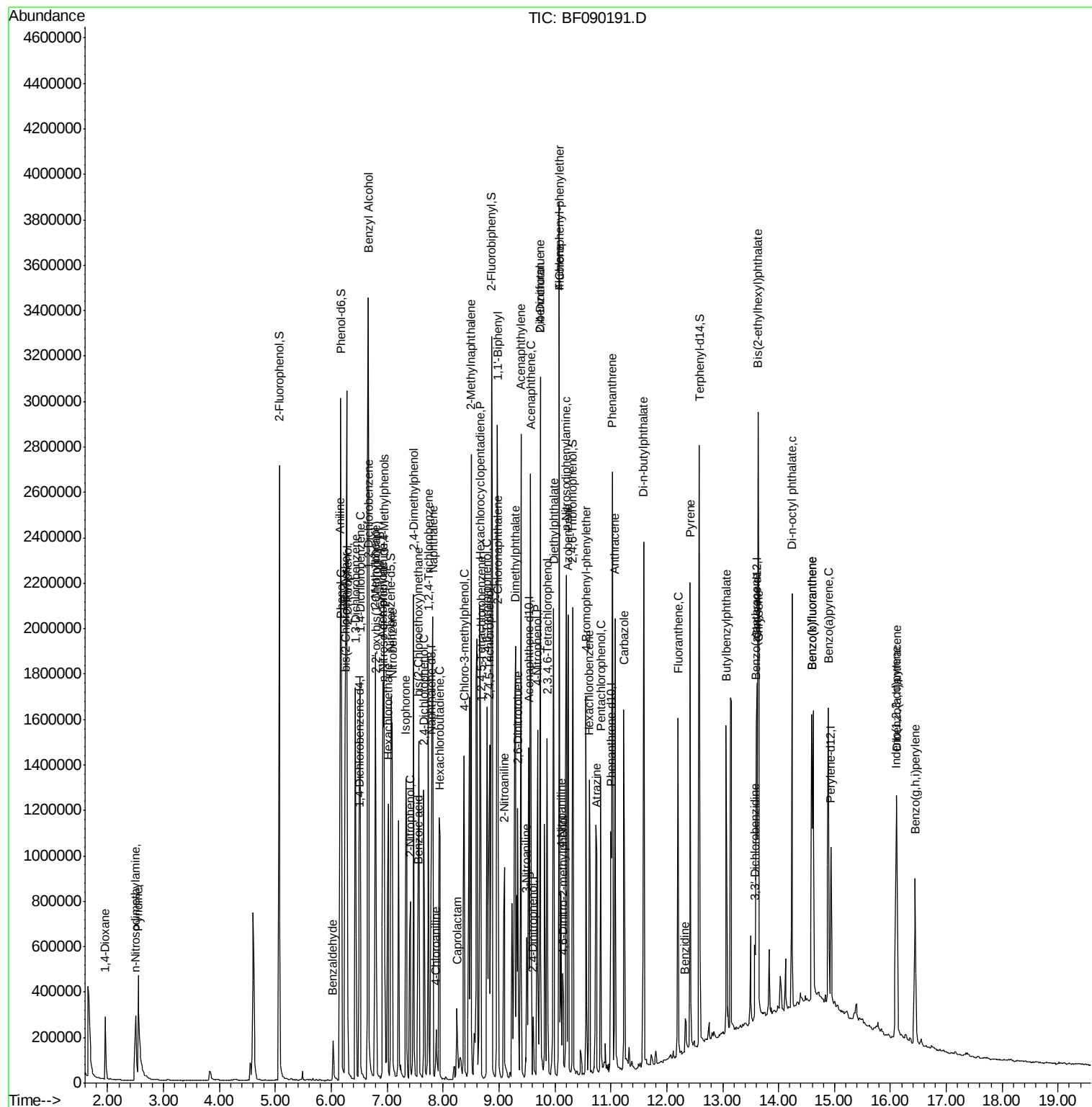
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	228424	41.30	ng	98
43) 2,4,5-Trichlorophenol	8.83	196	223466	39.02	ng	# 88
45) 1,1'-Biphenyl	8.97	154	939445	38.84	ng	97
46) 2-Chloronaphthalene	8.98	162	762896	42.75	ng	97
47) 2-Nitroaniline	9.10	65	234450	43.58	ng	# 79
48) Acenaphthylene	9.39	152	1081217	37.31	ng	99
49) Dimethylphthalate	9.29	163	1378525	64.01	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	196775	34.31	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	991567	40.66	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	950442	38.08	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	94876	16.06	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	655430	58.08	ng	97
87) Benzo(b)fluoranthene	14.59	252	1294857	79.99	ng	98
88) Benzo(k)fluoranthene	14.59	252	1296250	85.32	ng	# 96
89) Benzo(a)pyrene	14.89	252	631050	41.44	ng	# 96
90) Dibenzo(a,h)anthracene	16.11	278	559240	47.06	ng	98
91) Benzo(g,h,i)perylene	16.45	276	534615	45.96	ng	95

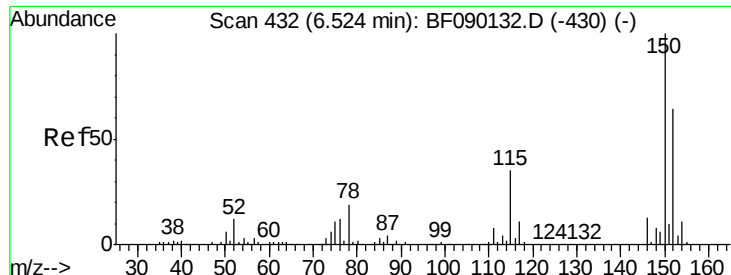
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
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 Acq On : 22 Sep 2016 17:12
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 Sample : H4856-09MS
 Misc :
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Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

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

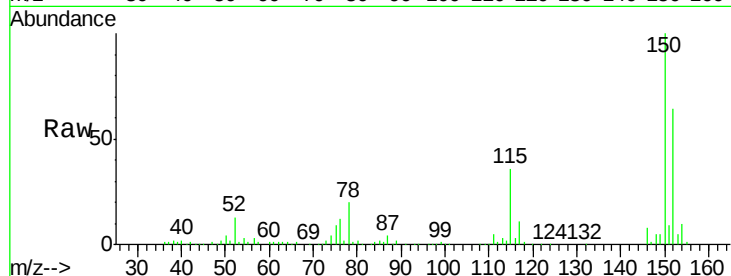
Tgt Ion:152 Resp: 175055

Ion Ratio Lower Upper

152 100

150 156.4 128.9 193.3

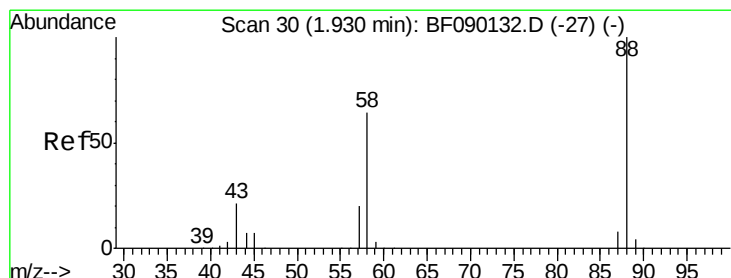
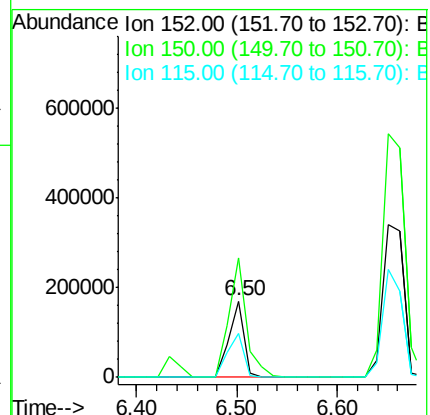
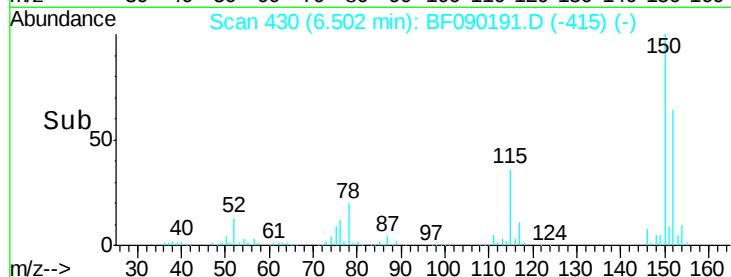
115 57.0 55.5 83.3



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: 28.42 ng

RT: 1.95 min Scan# 32

Delta R.T. 0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

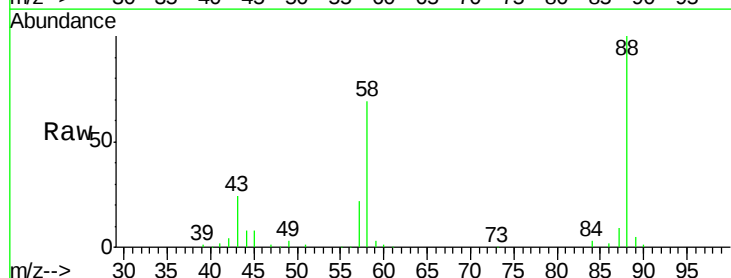
Tgt Ion: 88 Resp: 165587

Ion Ratio Lower Upper

88 100

58 64.0 53.4 80.0

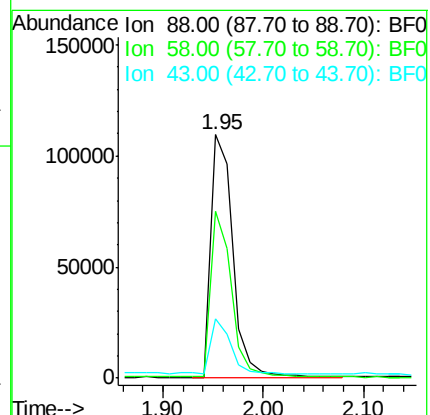
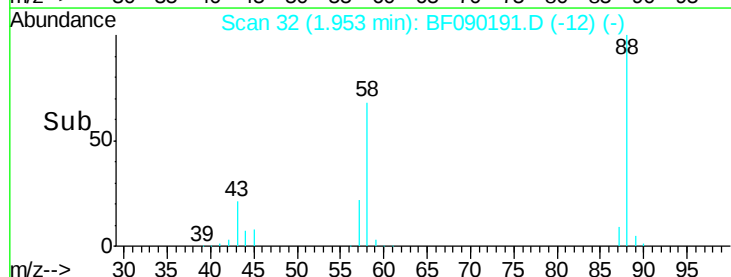
43 20.5 16.5 24.7

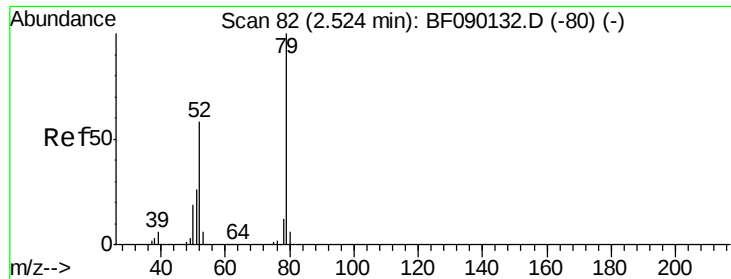


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

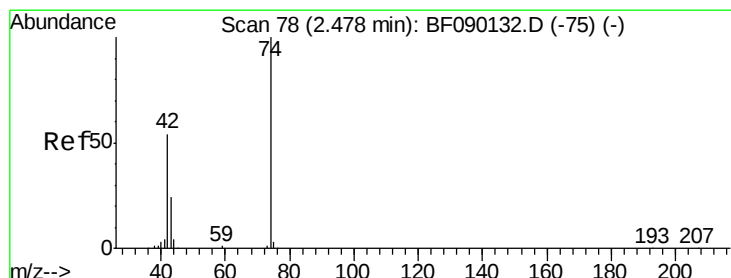
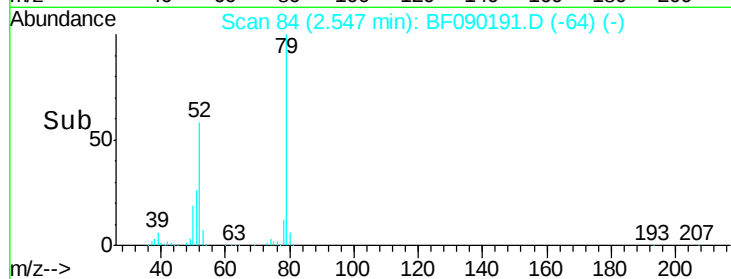
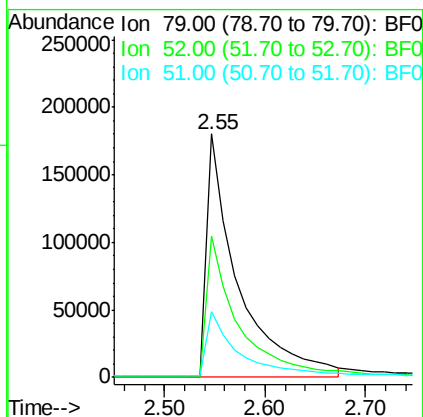
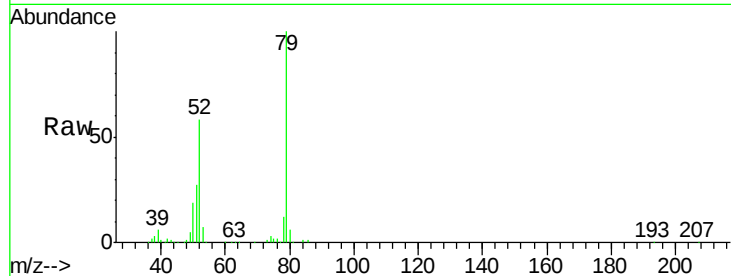




#3
 Pyridine
 Concen: 31.03 ng
 RT: 2.55 min Scan# 84
 Delta R.T. 0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

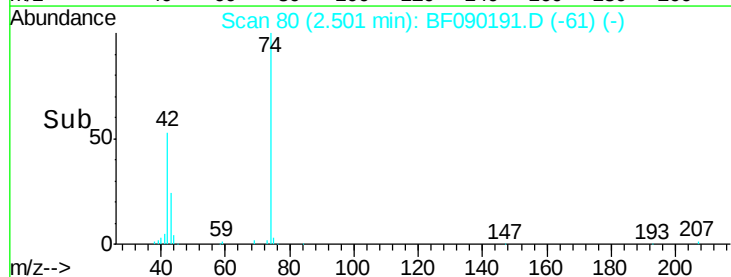
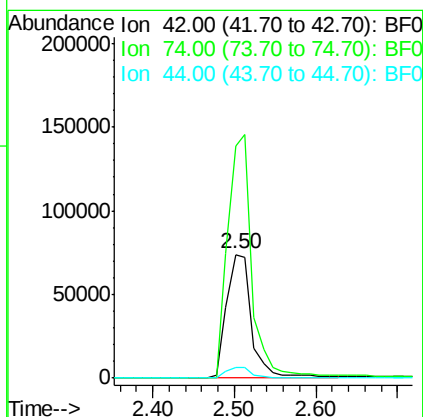
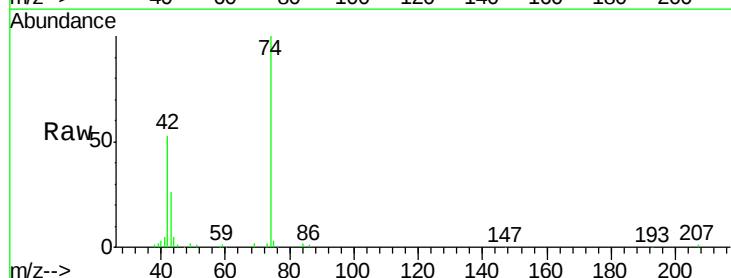
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

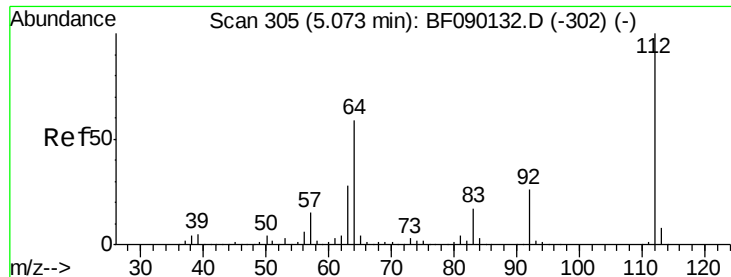
Tgt Ion	Resp	Lower	Upper
79	392162		
52	57.8	45.9	68.9
51	27.0	21.3	31.9



#4
 n-Nitrosodimethylamine
 Concen: 42.03 ng
 RT: 2.50 min Scan# 80
 Delta R.T. 0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion	Resp	Lower	Upper
42	158493		
74	187.1	158.7	238.1
44	8.7	6.4	9.6





#5

2-Fluorophenol

Concen: 99.81 ng

RT: 5.07 min Scan# 305

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

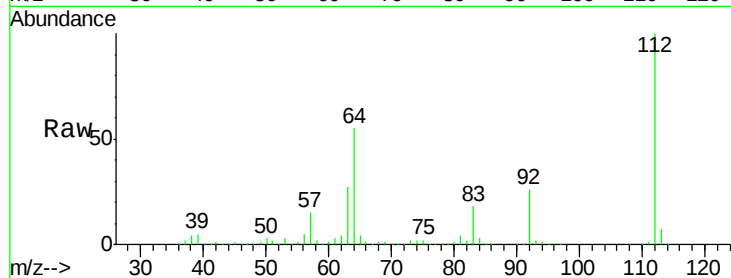
Tgt Ion: 112 Resp: 1071921

Ion Ratio Lower Upper

112 100

64 55.0 39.8 59.6

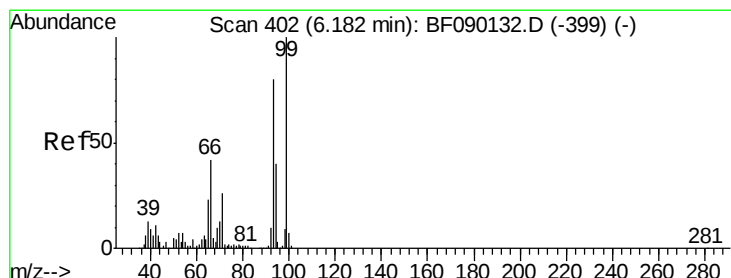
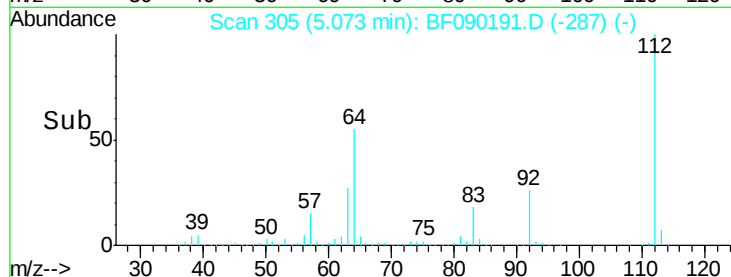
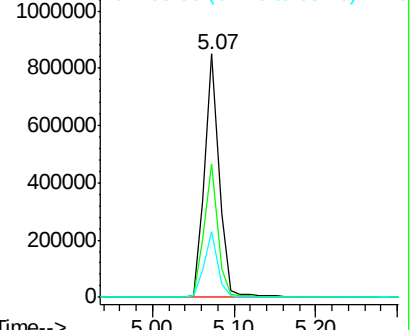
63 26.7 18.9 28.3



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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

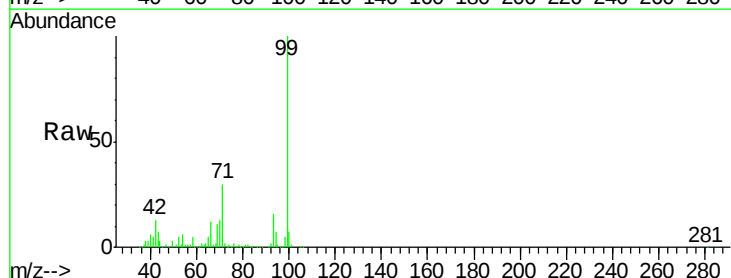
Tgt Ion: 93 Resp: 216465

Ion Ratio Lower Upper

93 100

66 71.9 54.2 81.2

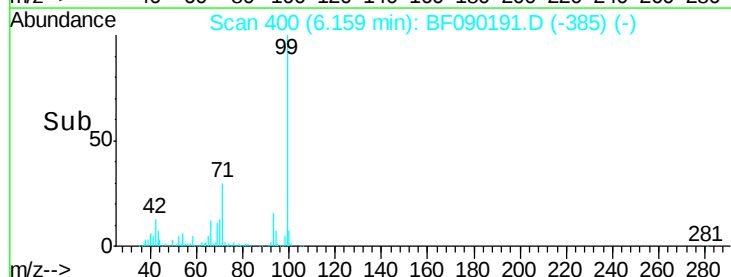
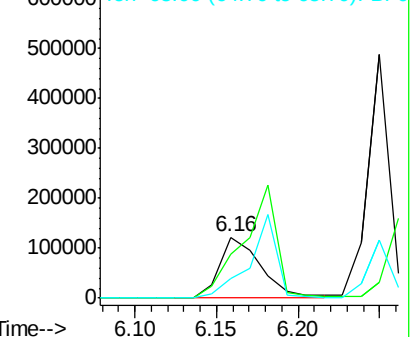
65 31.1 33.8 50.6#

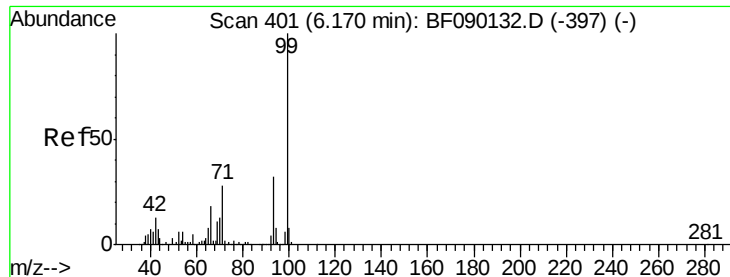


Abundance Ion 93.00 (92.70 to 93.70): BF0

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. 0.00 min

Lab File: BF090191.D

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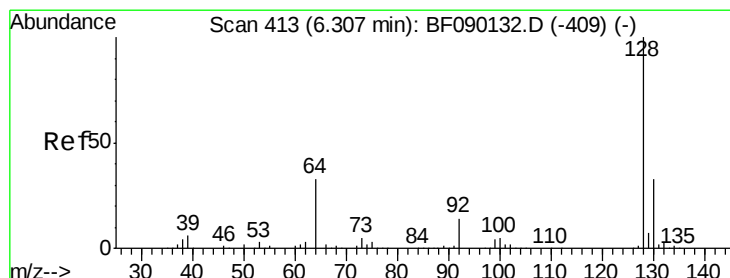
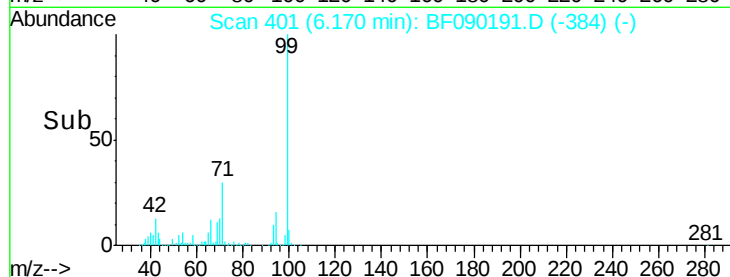
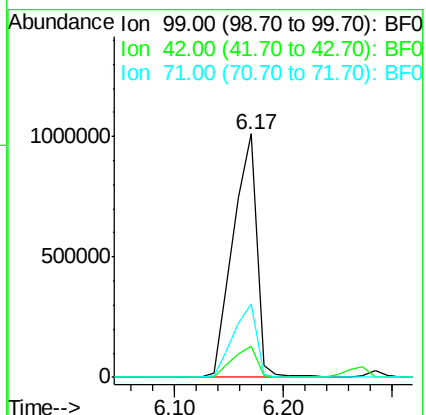
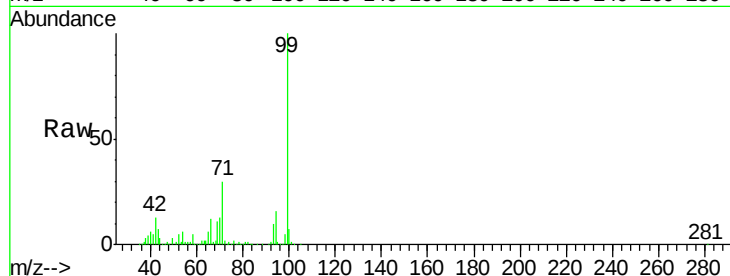
Tgt Ion: 99 Resp: 1525936

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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

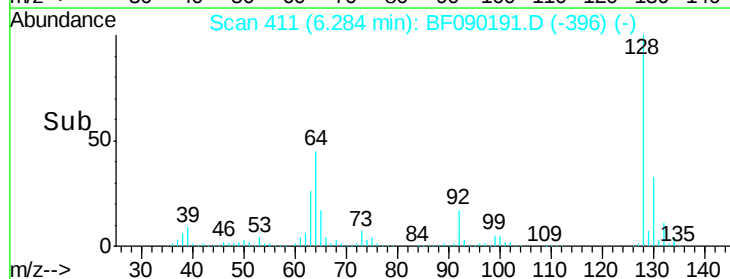
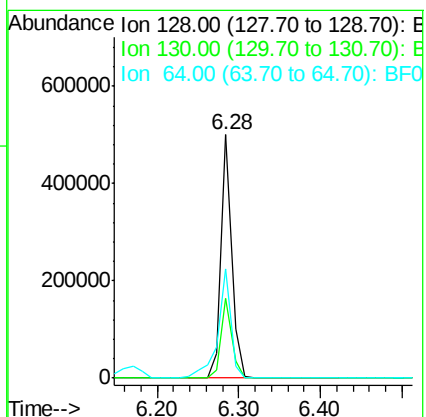
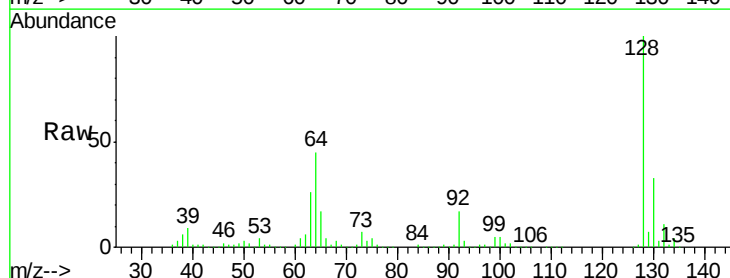
Tgt Ion: 128 Resp: 454809

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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

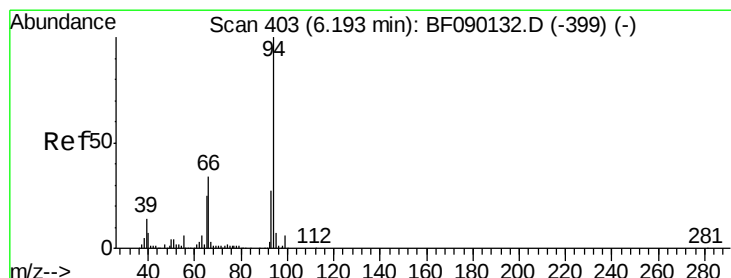
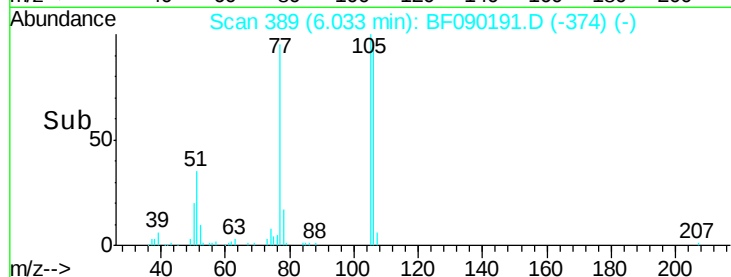
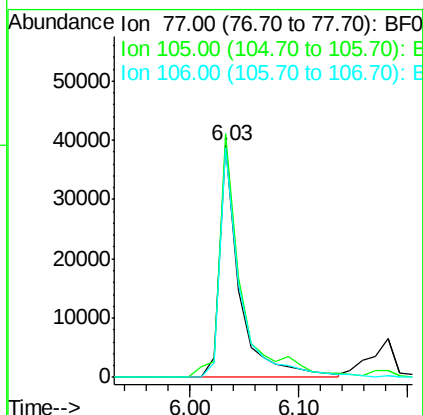
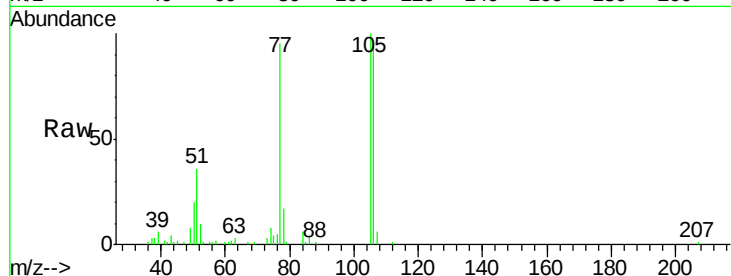
Tgt Ion: 77 Resp: 50111

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

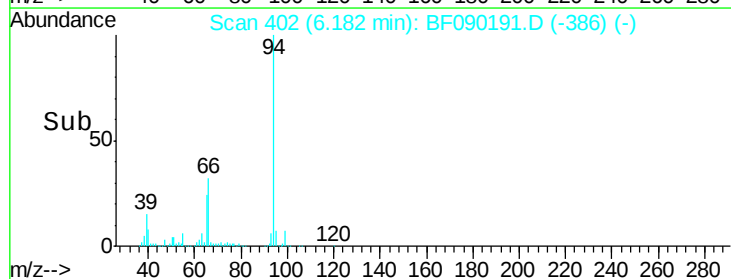
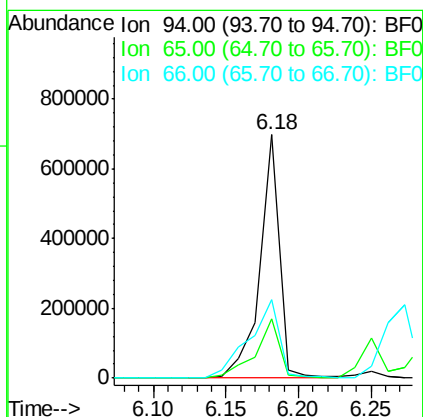
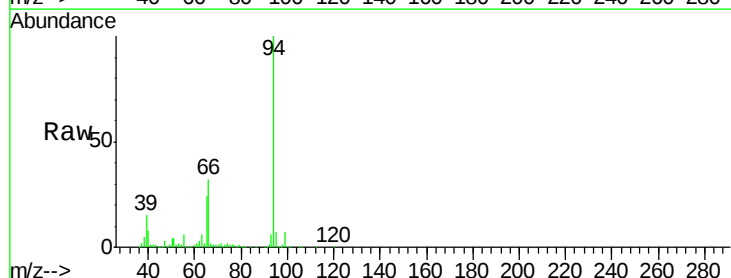
Tgt Ion: 94 Resp: 656097

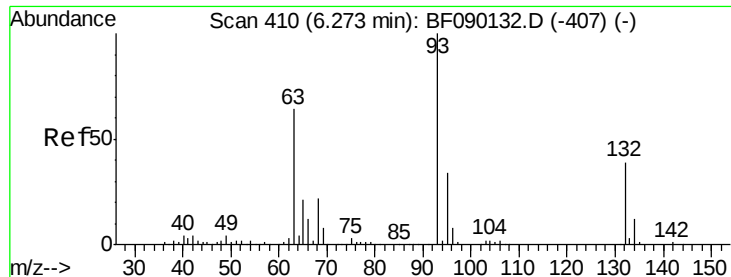
Ion Ratio Lower Upper

94 100

65 24.2 20.6 60.6

66 32.3 45.1 85.1#

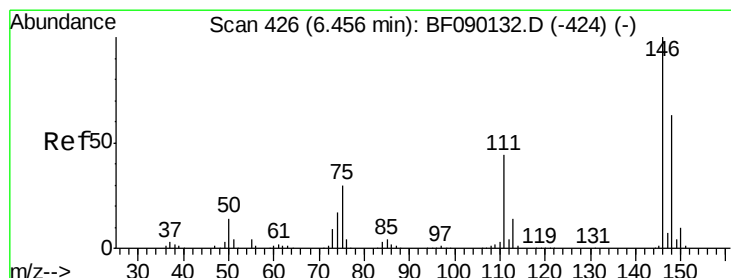
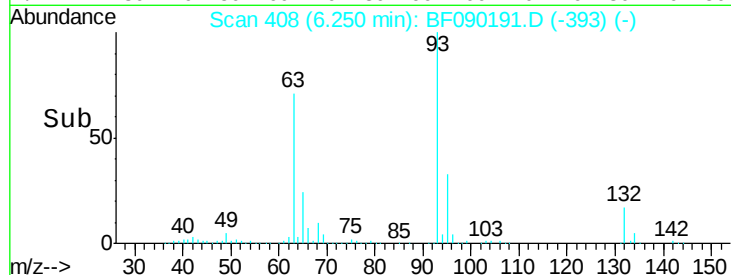
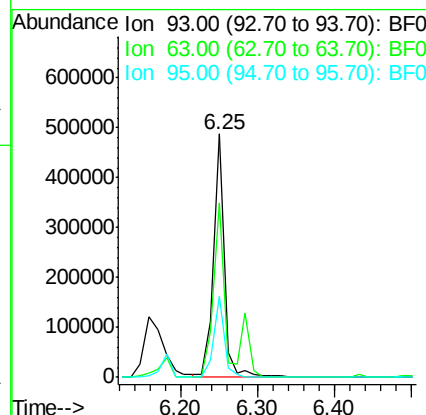
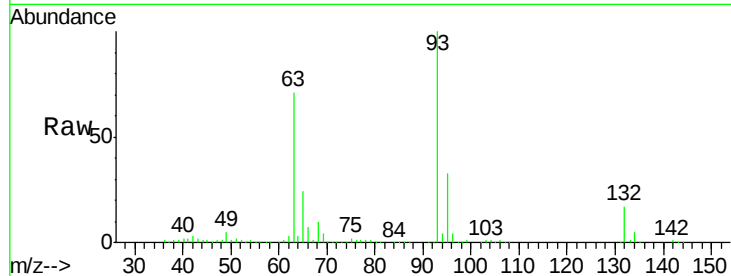




#11
bis(2-Chloroethyl)ether
Concen: 38.50 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

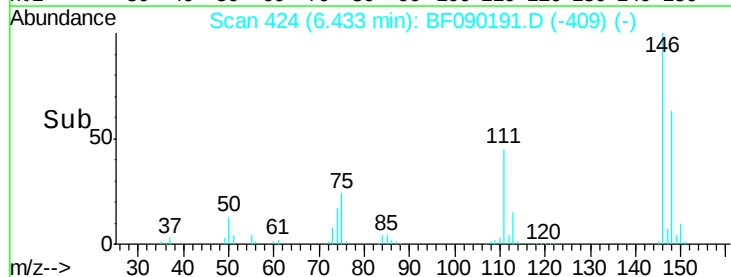
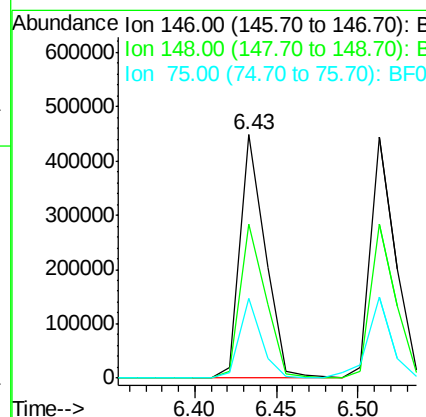
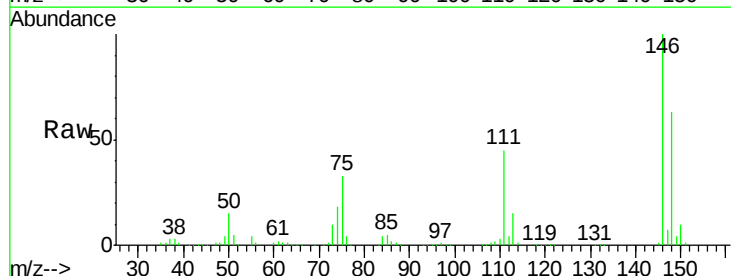
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

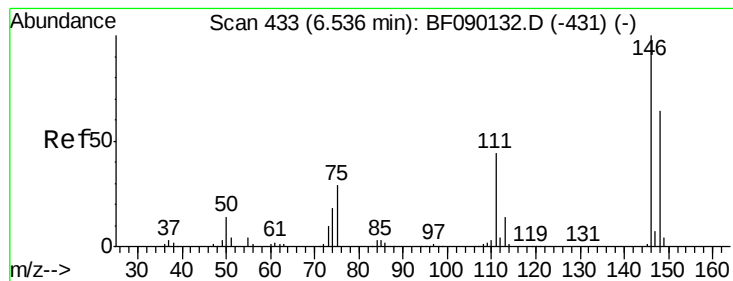
Tgt Ion: 93 Resp: 470699
Ion Ratio Lower Upper
93 100
63 71.4 55.6 95.6
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 36.76 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

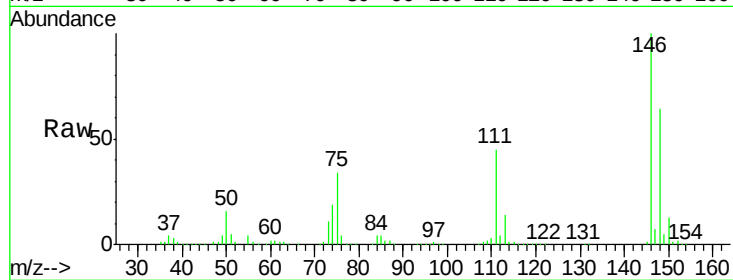
Tgt Ion:146 Resp: 475258

Ion Ratio Lower Upper

146 100

148 63.6 52.0 78.0

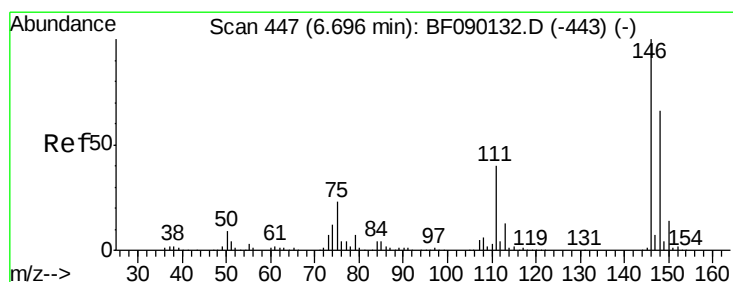
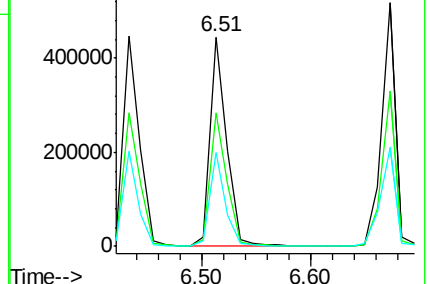
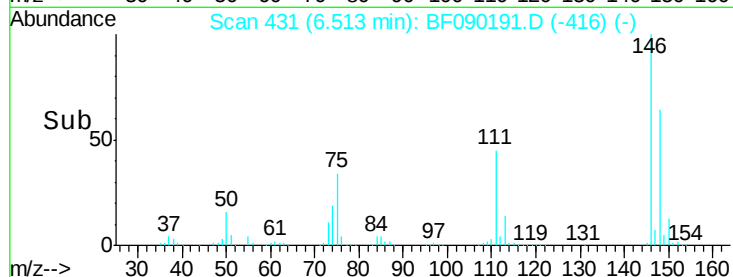
111 44.7 33.8 50.6



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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

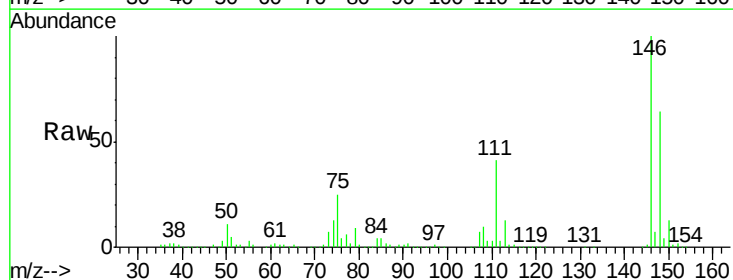
Tgt Ion:146 Resp: 464593

Ion Ratio Lower Upper

146 100

148 63.9 52.6 79.0

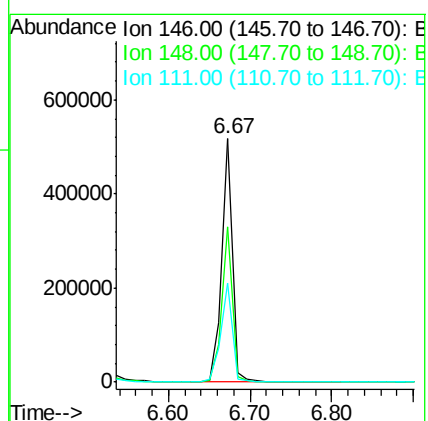
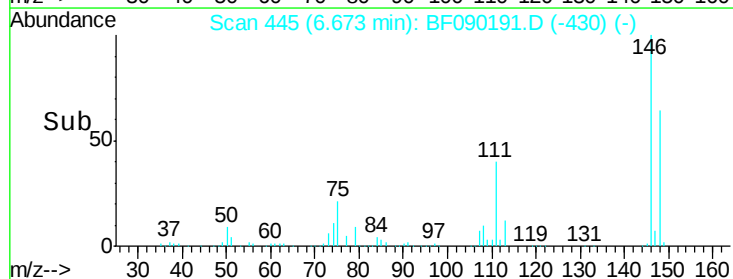
111 40.5 28.2 42.2

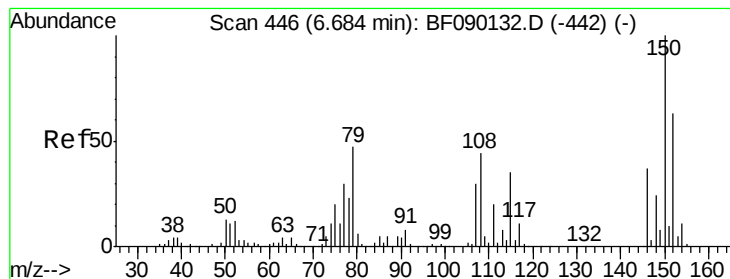


Abundance Ion 146.00 (145.70 to 146.70): E

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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

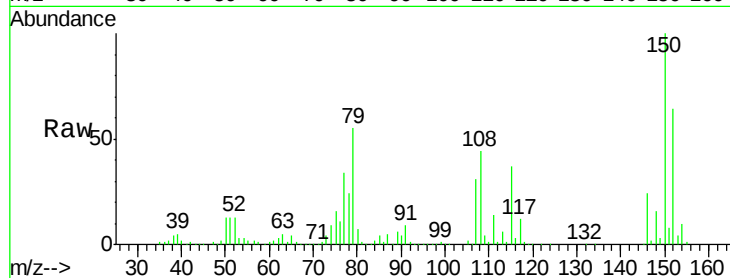
Tgt Ion: 79 Resp: 342317

Ion Ratio Lower Upper

79 100

108 78.9 62.2 93.4

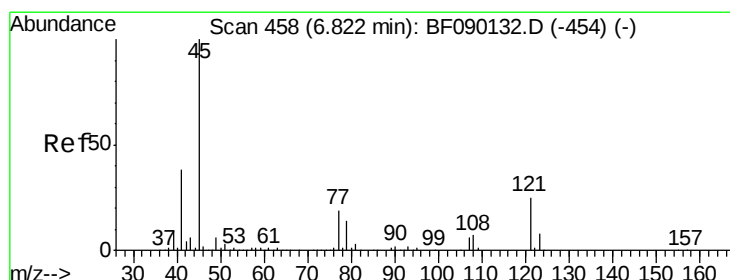
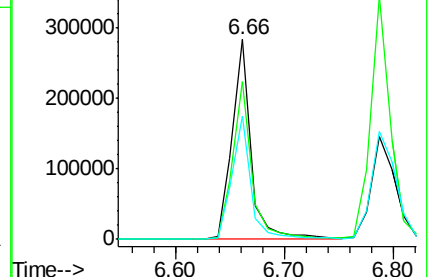
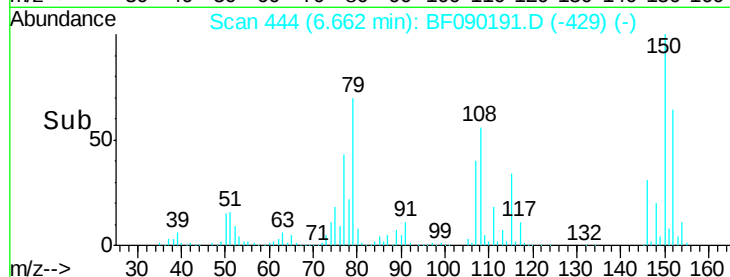
77 61.9 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.77 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

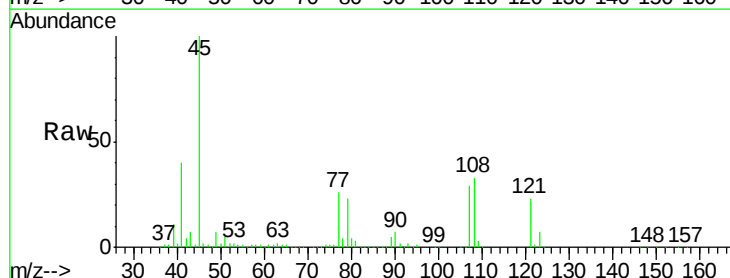
Tgt Ion: 45 Resp: 522677

Ion Ratio Lower Upper

45 100

77 25.8 0.5 40.5

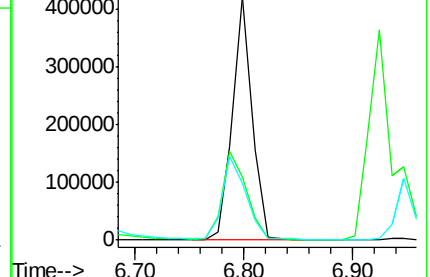
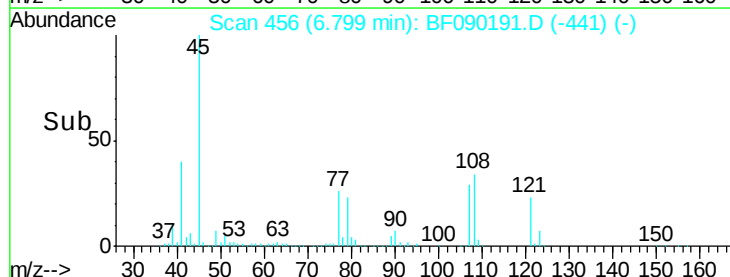
79 23.3 0.0 37.0

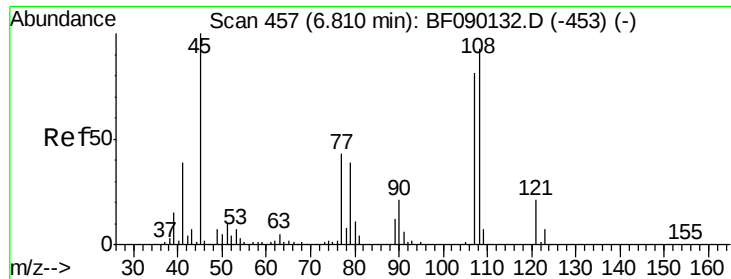


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

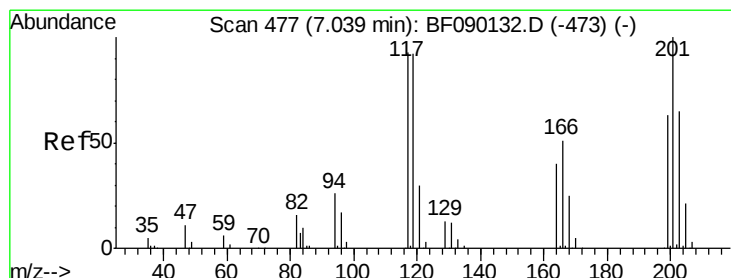
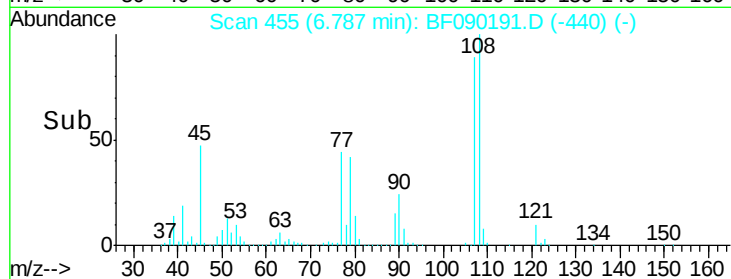
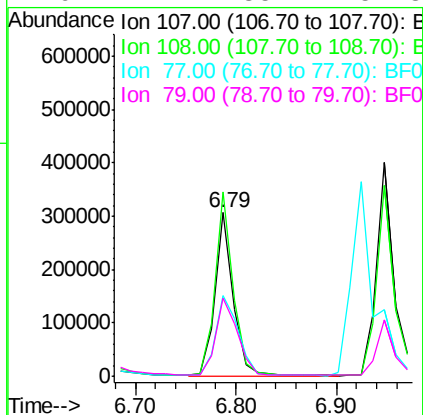
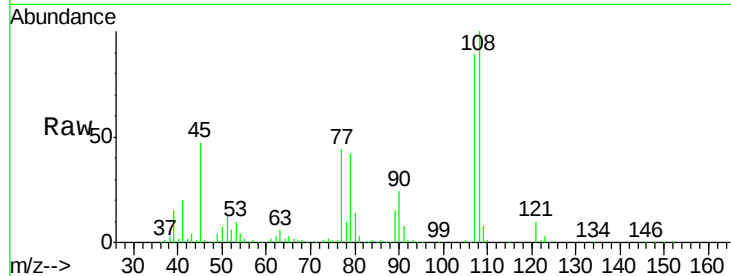




#17
2-Methylphenol
Concen: 39.14 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

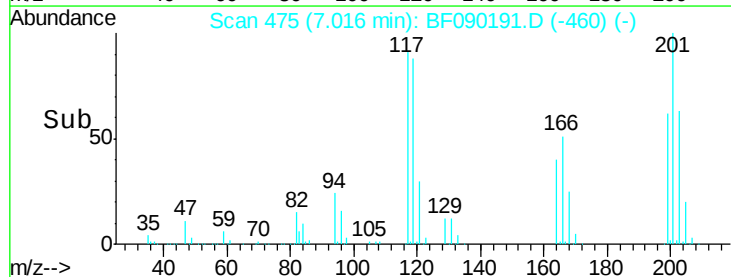
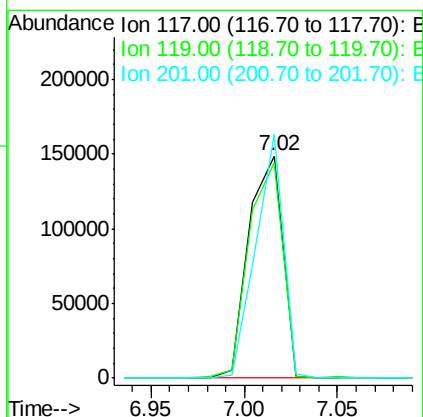
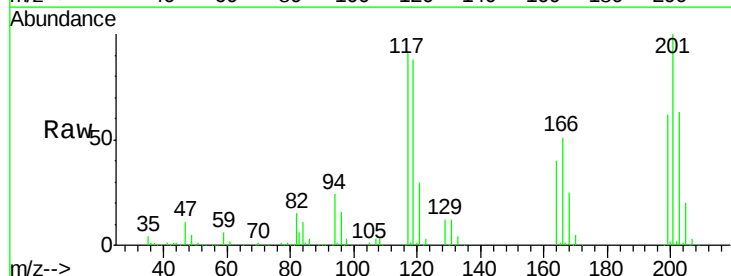
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

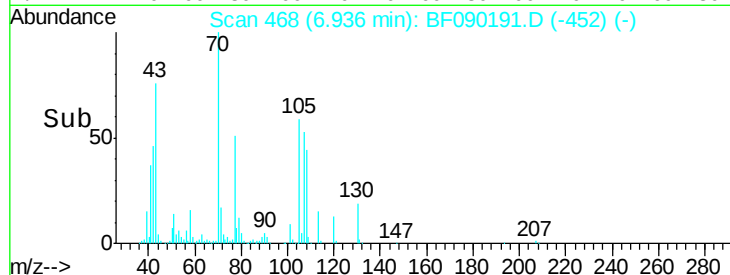
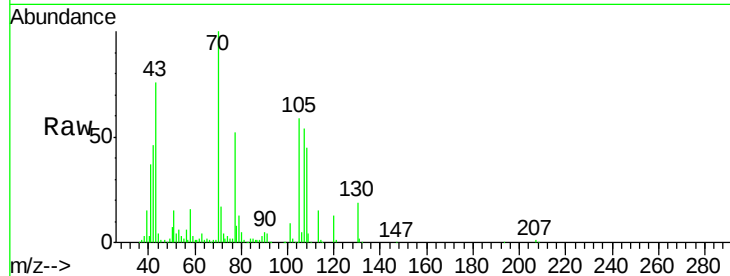
Tgt Ion:	107	Resp:	380978
Ion	Ratio	Lower	Upper
107	100		
108	112.4	92.0	138.0
77	49.7	35.6	53.4
79	47.4	35.2	52.8



#18
Hexachloroethane
Concen: 39.75 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 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#

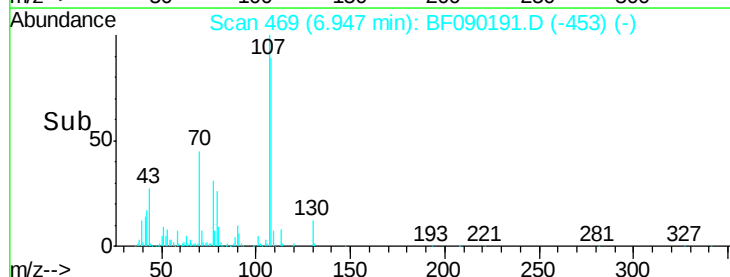
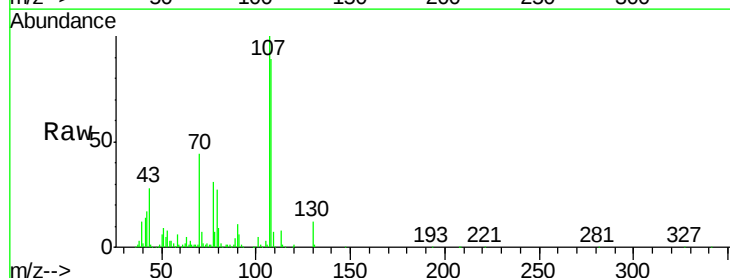
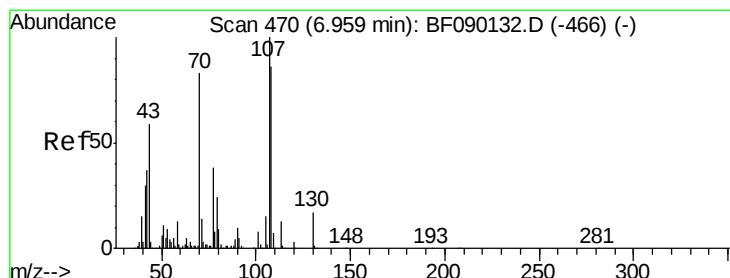
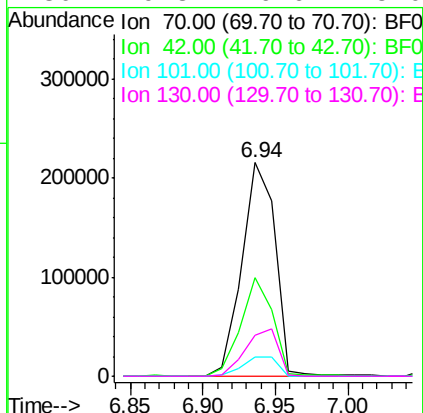




#19
n-Nitroso-di-n-propylamine
Concen: 43.90 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

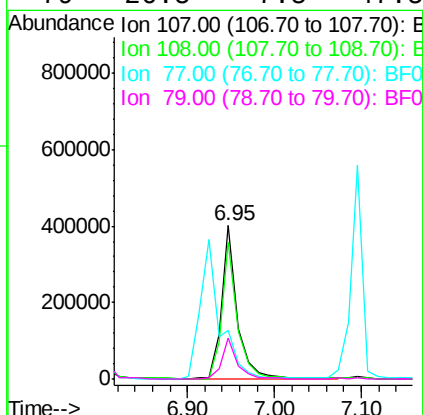
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

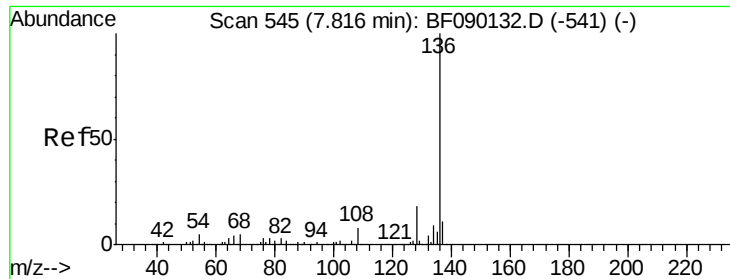
Tgt Ion:	70	Resp:	342004
Ion	Ratio	Lower	Upper
70	100		
42	46.4	35.1	52.7
101	9.0	7.5	11.3
130	19.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.83 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 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. -0.02 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

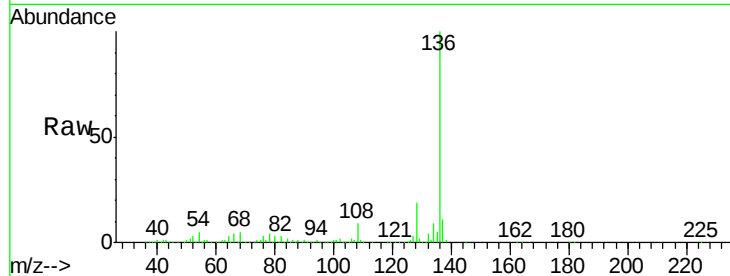
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.5 6.4 9.6#

68 5.4 6.3 9.5#

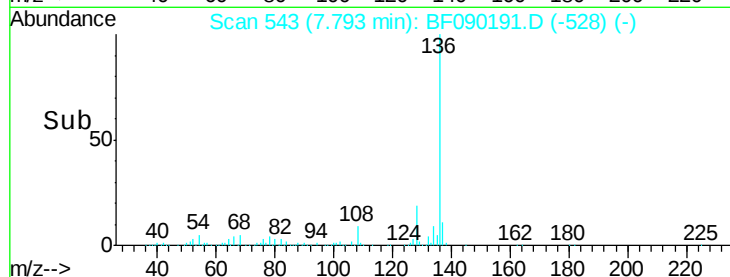


Abundance Ion 136.00 (135.70 to 136.70): E

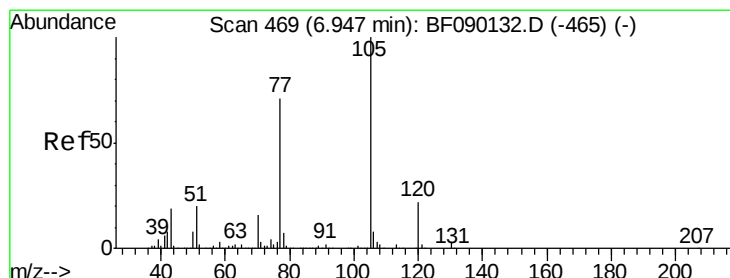
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.69 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Tgt Ion:105 Resp: 615861

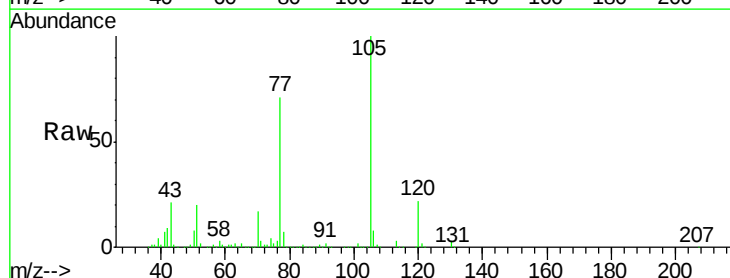
Ion Ratio Lower Upper

105 100

71 2.8 4.1 6.1#

51 20.1 16.2 24.2

120 21.9 18.2 27.2

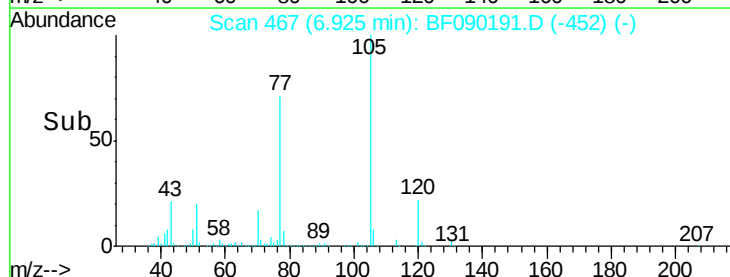


Abundance Ion 105.00 (104.70 to 105.70): E

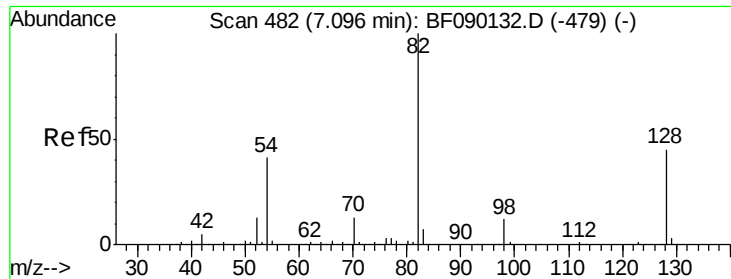
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



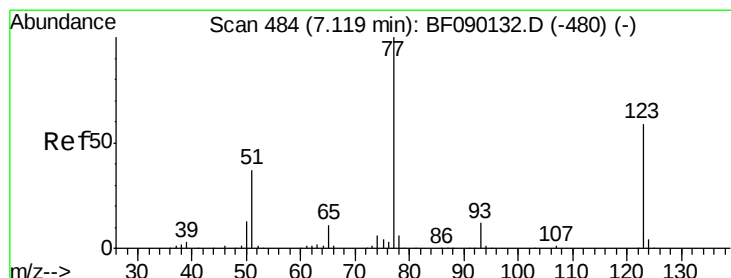
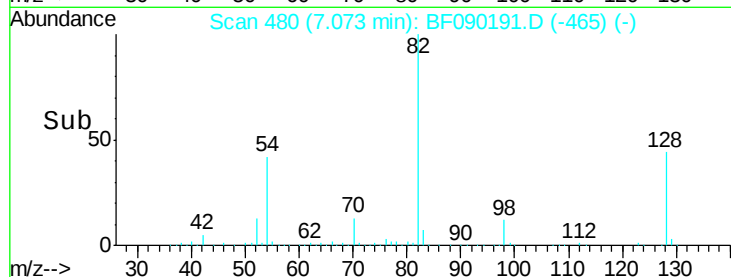
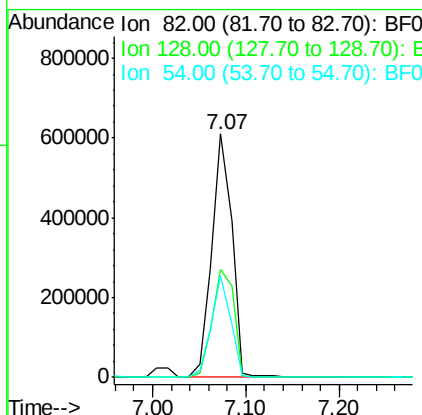
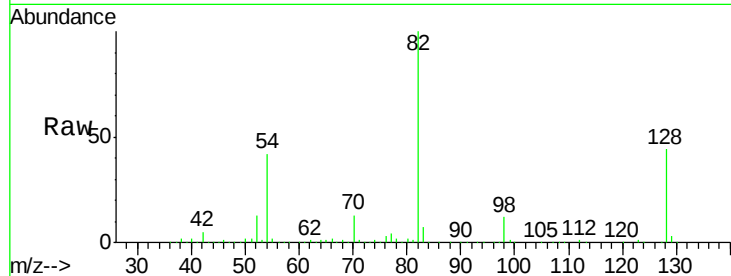
Time-->



#23
 Nitrobenzene-d5
 Concen: 76.24 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

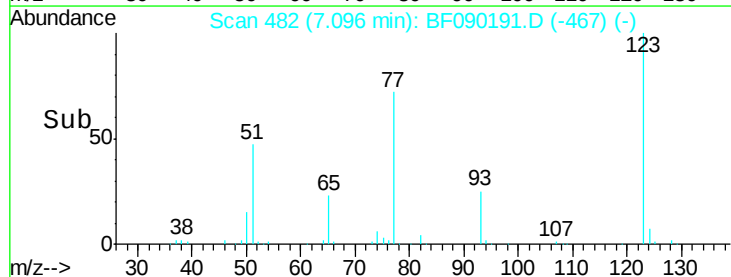
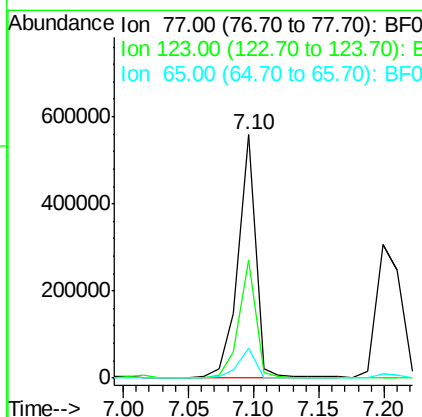
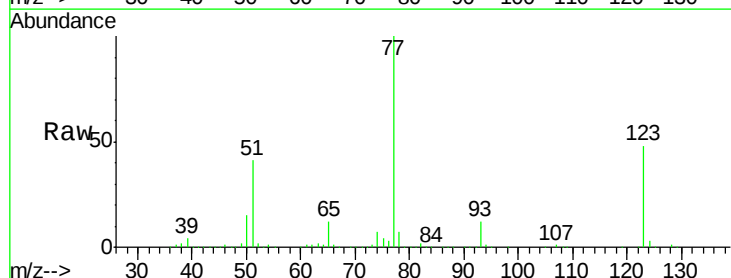
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

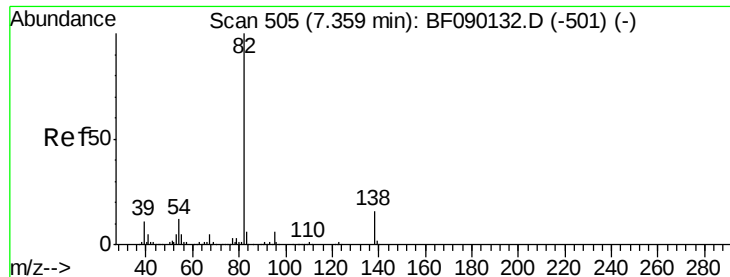
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.5	56.3
54	41.6	31.9	47.9



#24
 Nitrobenzene
 Concen: 41.29 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 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





#25

Isophorone

Concen: 37.74 ng

RT: 7.34 min Scan# 503

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

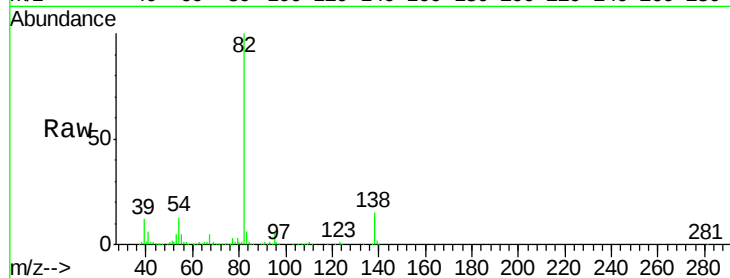
Tgt Ion: 82 Resp: 946719

Ion Ratio Lower Upper

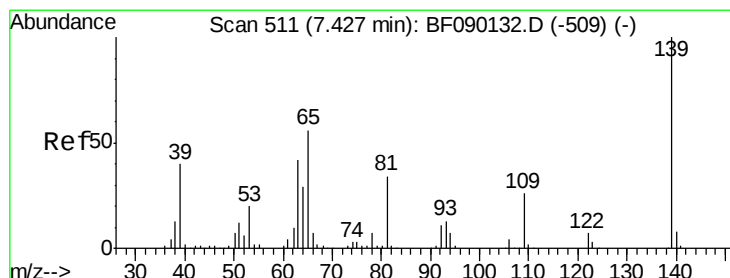
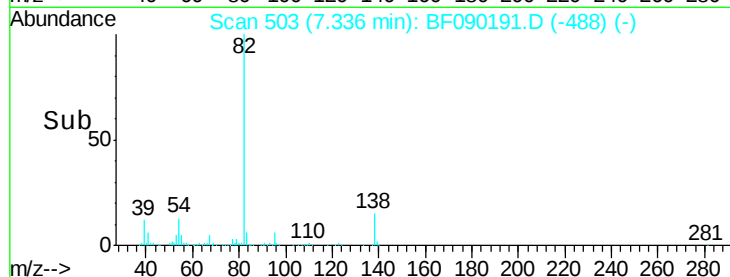
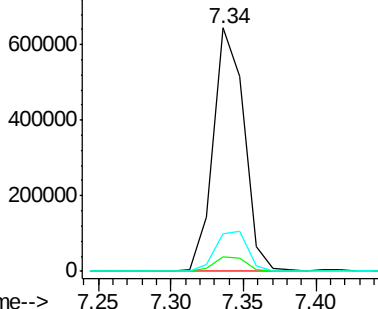
82 100

95 6.2 5.1 7.7

138 15.2 13.5 20.3



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



#26

2-Nitrophenol

Concen: 42.68 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

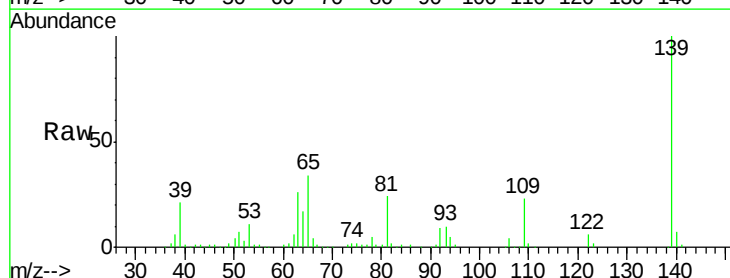
Tgt Ion: 139 Resp: 262947

Ion Ratio Lower Upper

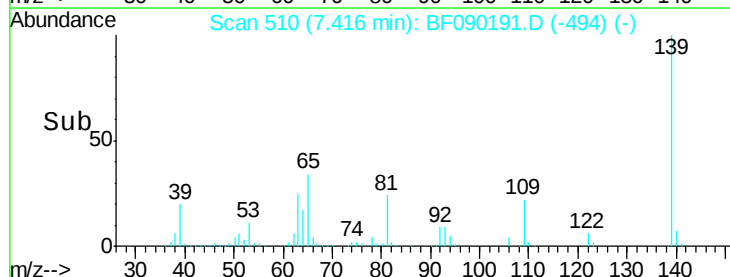
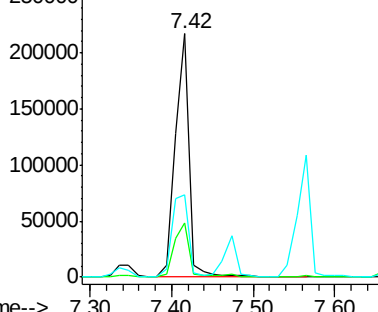
139 100

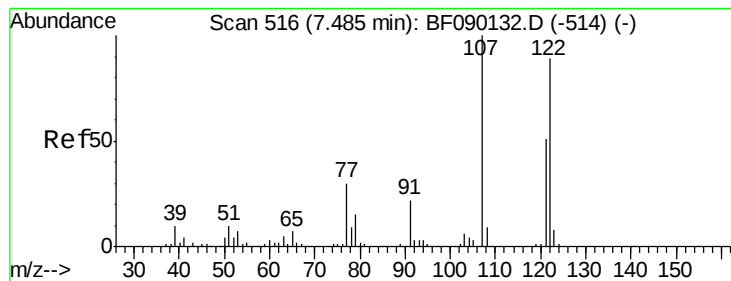
109 22.5 20.5 30.7

65 34.0 37.9 56.9#



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





#27

2,4-Dimethylphenol

Concen: 39.95 ng

RT: 7.47 min Scan# 515

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

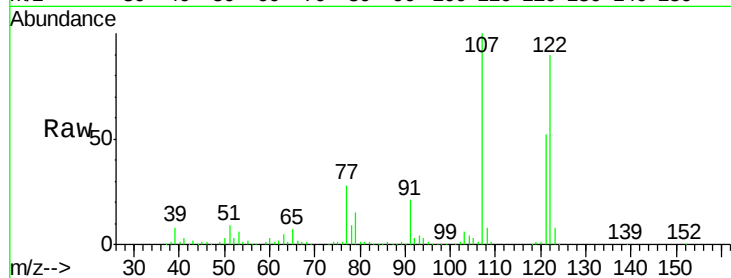
Tgt Ion:122 Resp: 437307

Ion Ratio Lower Upper

122 100

107 111.0 87.8 131.6

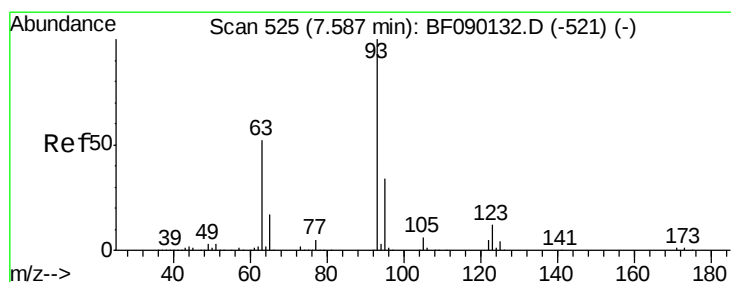
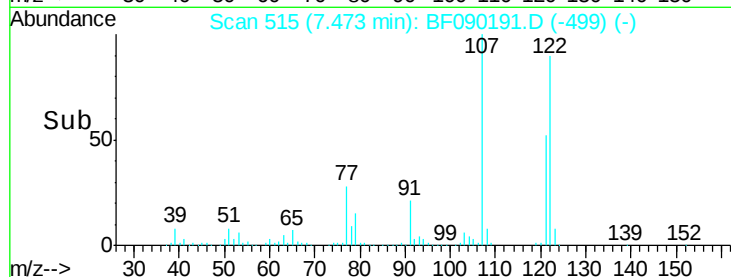
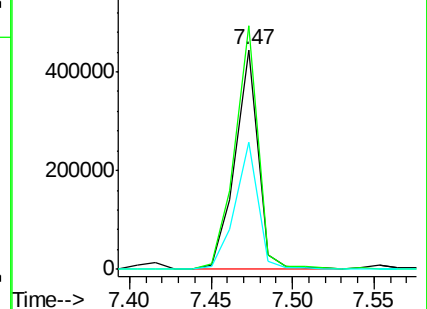
121 57.8 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.34 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

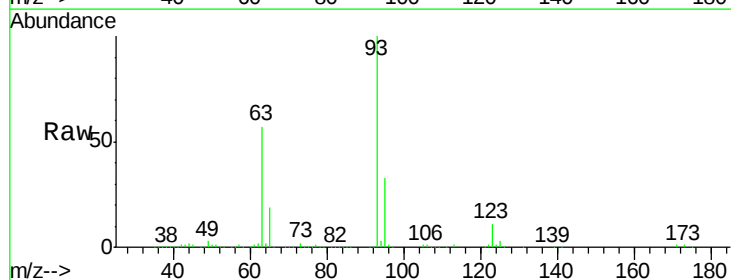
Tgt Ion: 93 Resp: 642526

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

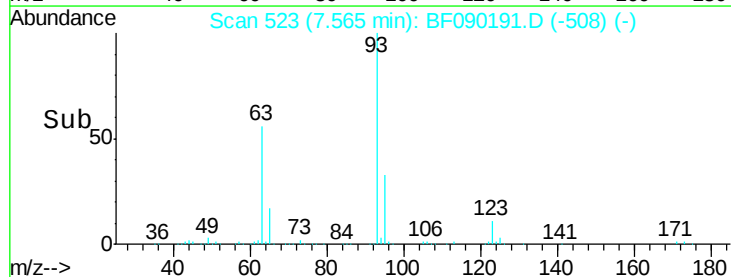
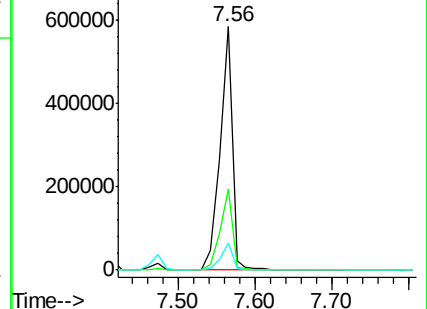
123 11.1 8.5 12.7

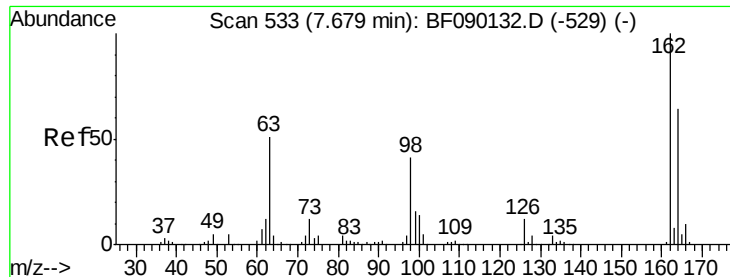


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

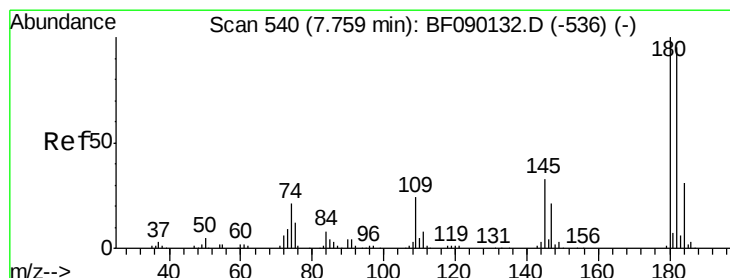
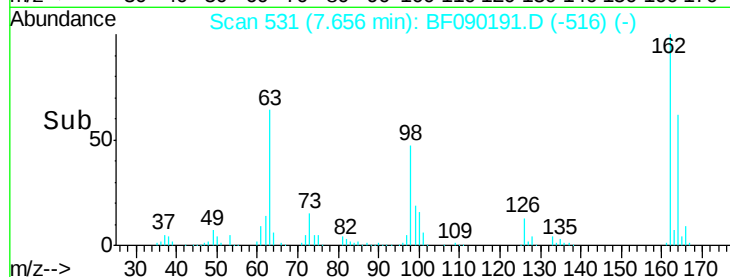
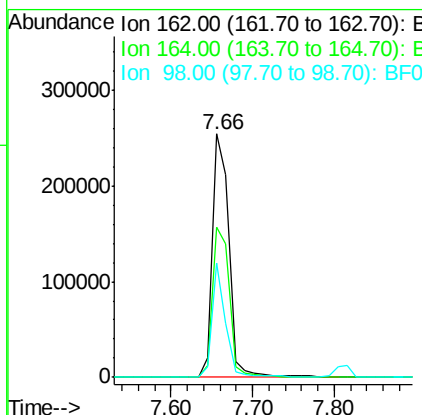
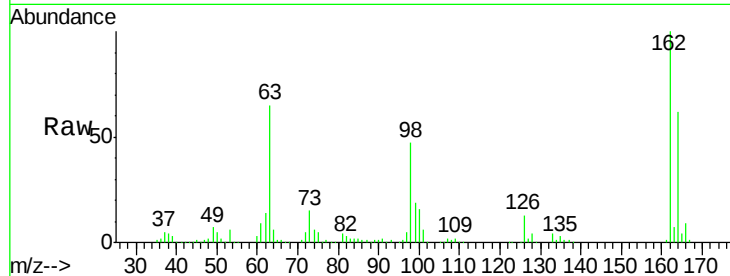




#29
 2,4-Dichlorophenol
 Concen: 37.75 ng
 RT: 7.66 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

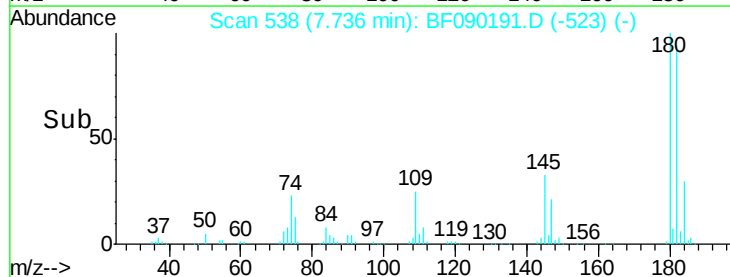
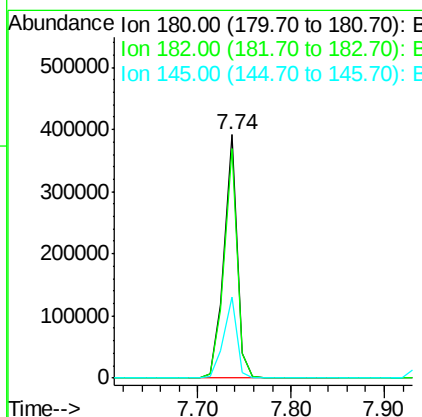
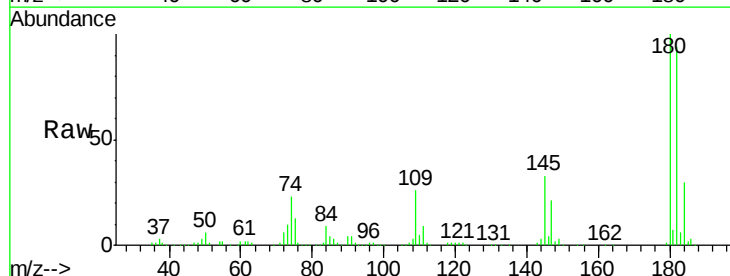
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

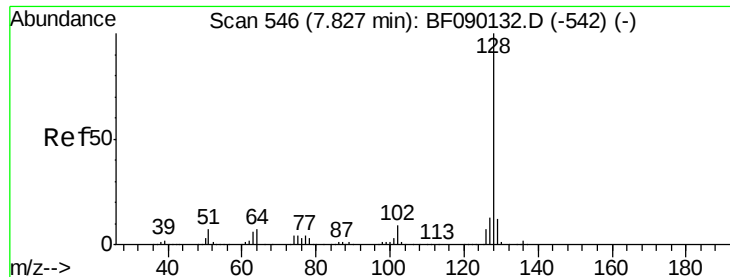
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	46.2	86.2
98	47.1	10.4	50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.27 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 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

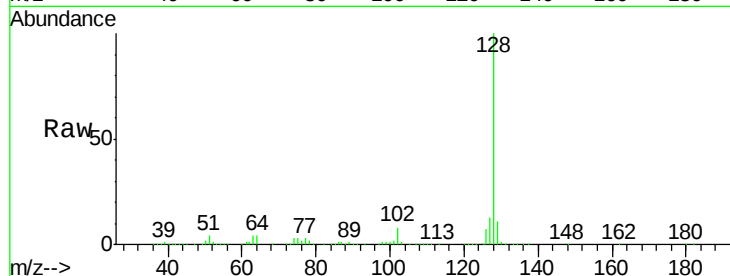




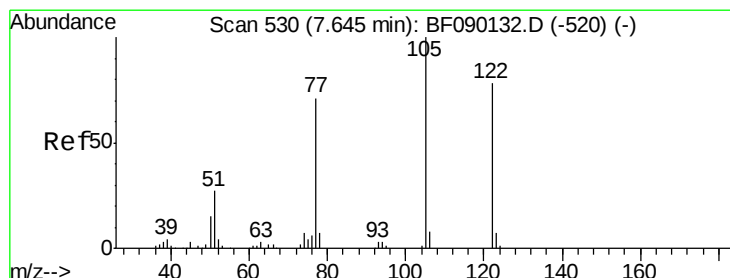
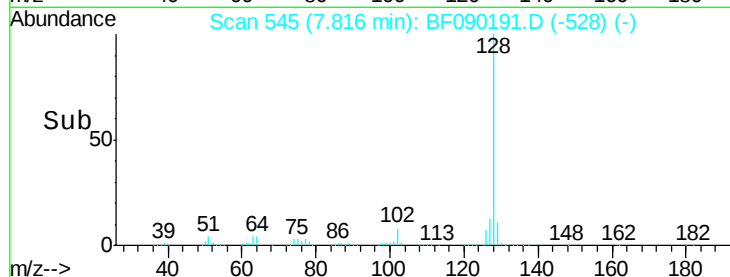
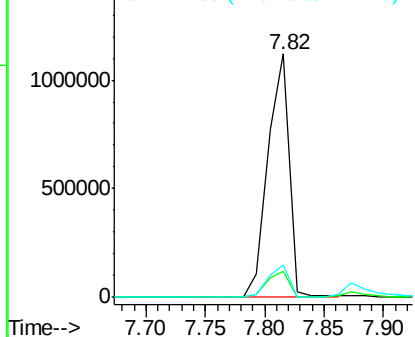
#31
Naphthalene
Concen: 42.33 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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

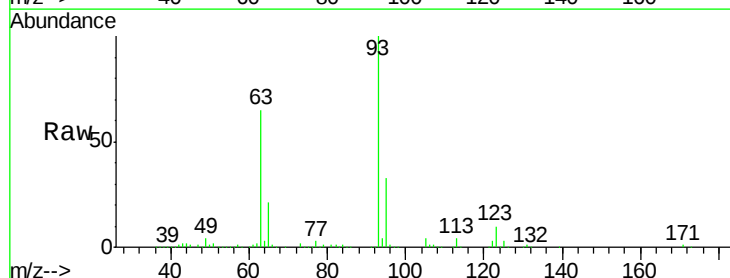


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

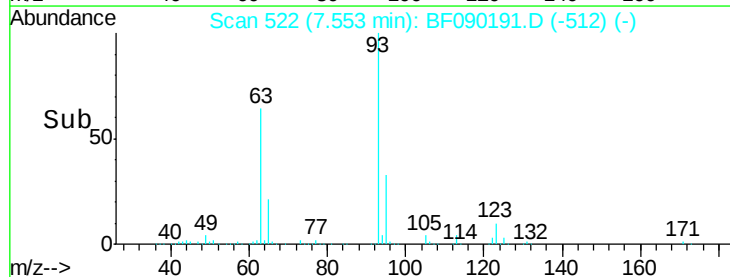
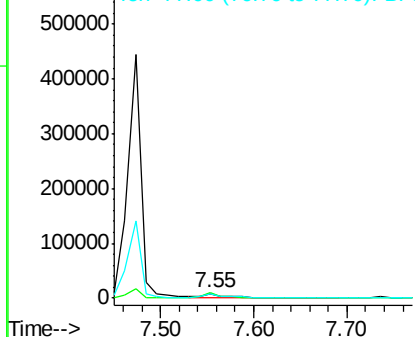


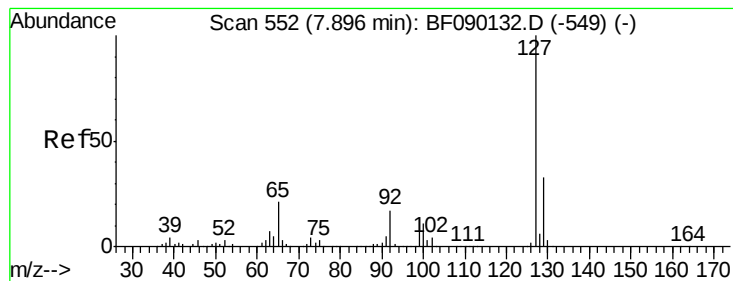
#32
Benzoic acid
Concen: 2.10 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.09 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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. -0.02 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

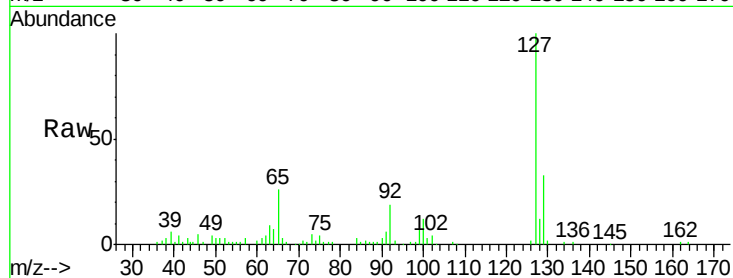
Ion Ratio Lower Upper

127 100

129 33.2 25.8 38.6

65 26.2 24.1 36.1

92 18.7 16.3 24.5

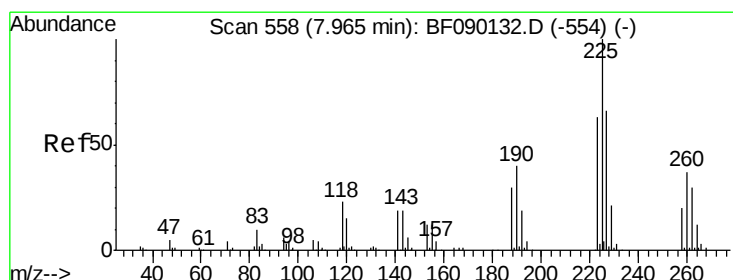
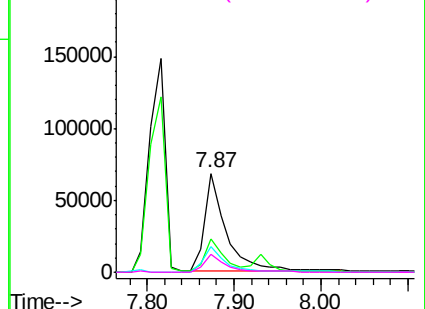
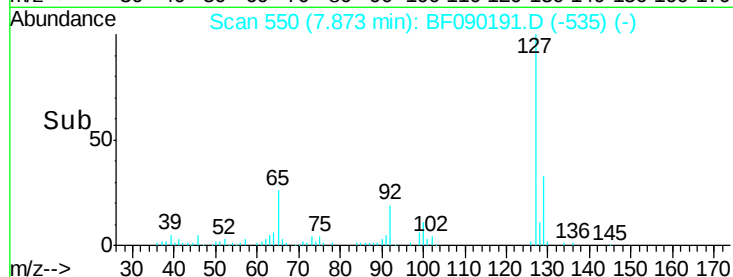


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.66 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

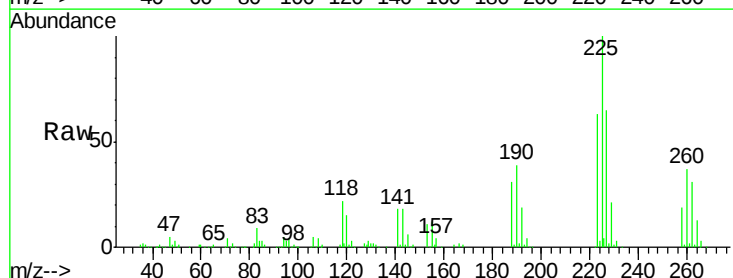
Tgt Ion:225 Resp: 205702

Ion Ratio Lower Upper

225 100

223 62.7 51.3 76.9

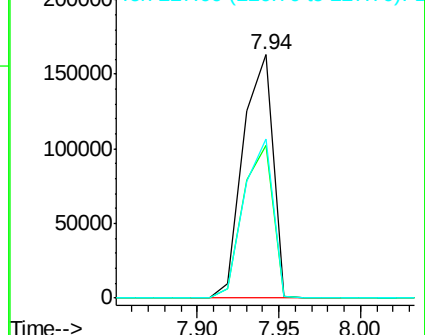
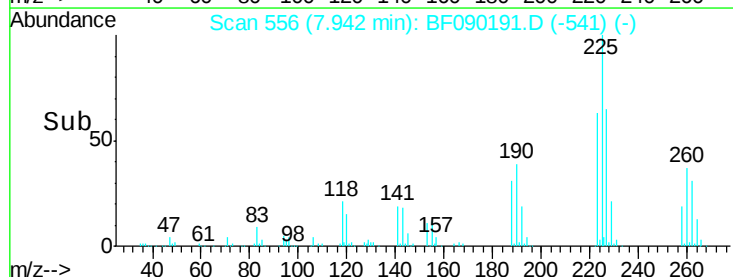
227 65.4 51.4 77.0

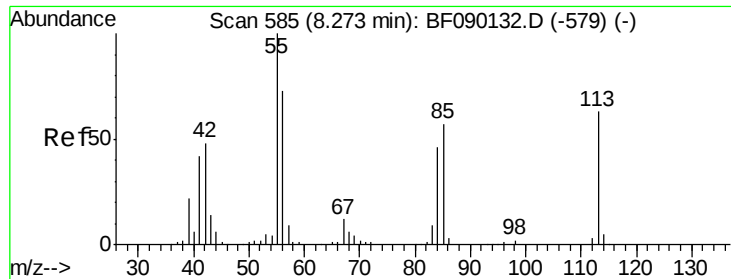


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

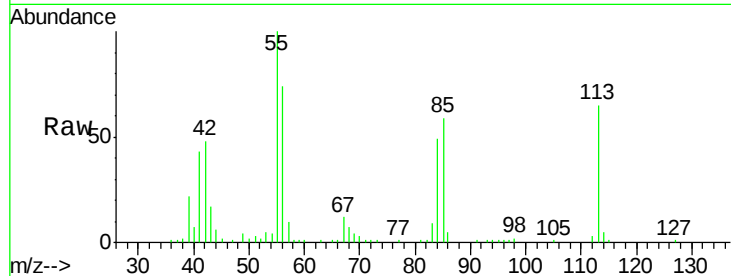




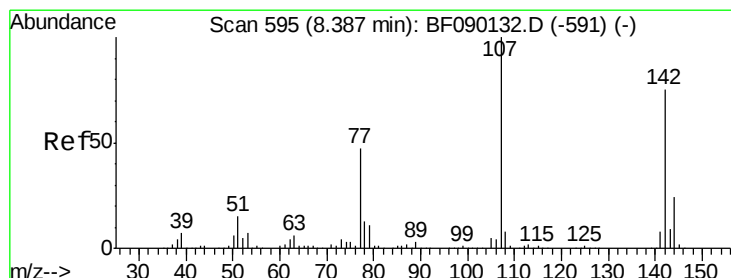
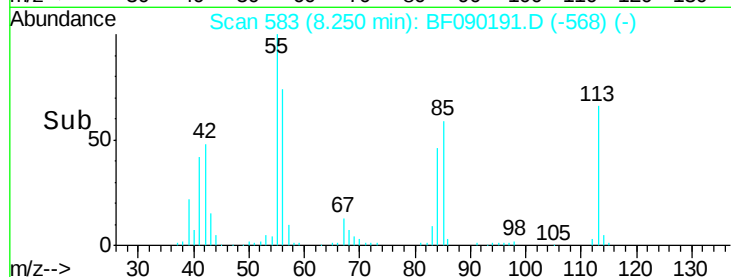
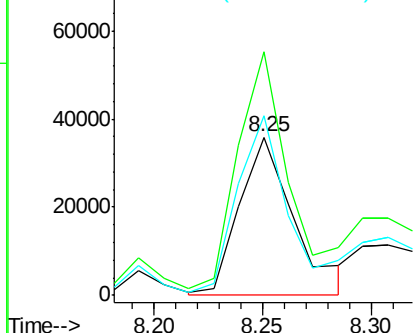
#35
 Caprolactam
 Concen: 19.48 ng
 RT: 8.25 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion:113 Resp: 61909
 Ion Ratio Lower Upper
 113 100
 55 153.9 134.5 174.5
 56 113.4 93.7 133.7

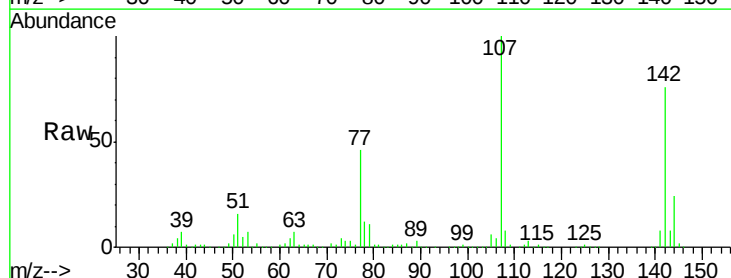


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

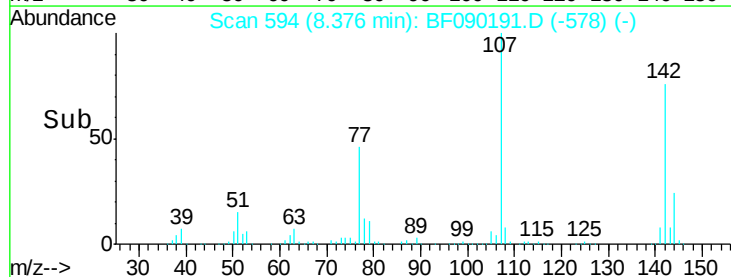
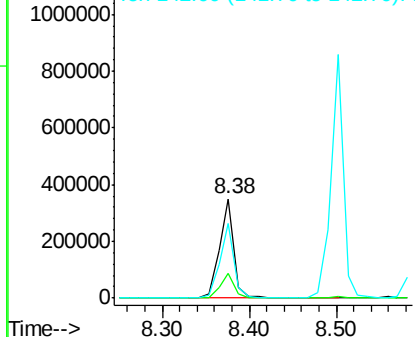


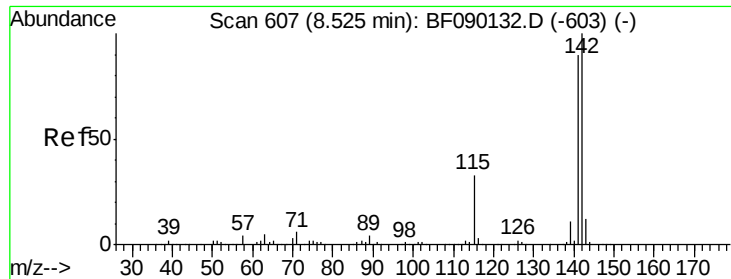
#36
 4-Chloro-3-methylphenol
 Concen: 37.77 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

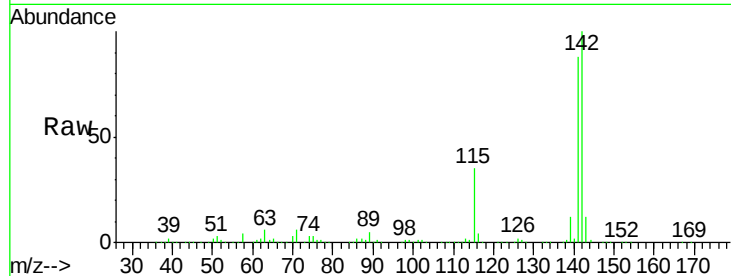




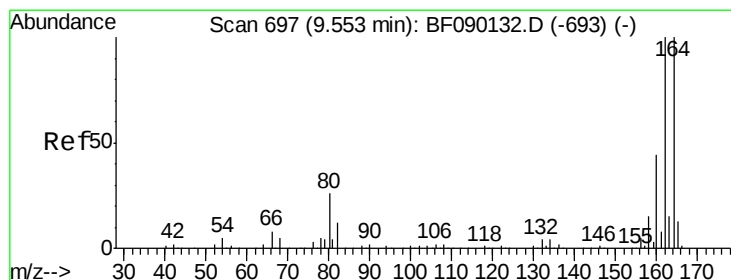
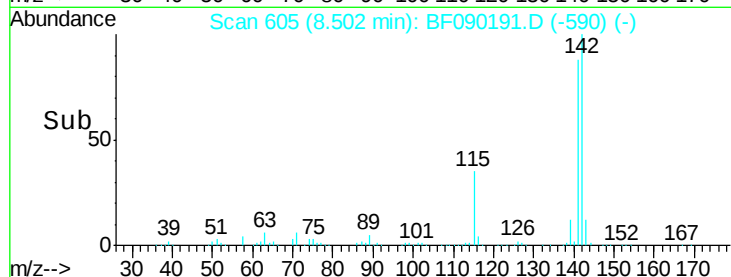
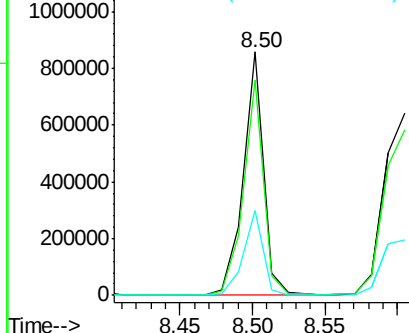
#37
2-Methylnaphthalene
Concen: 40.14 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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

Tgt Ion:142 Resp: 827264
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.2
115 34.7 28.3 42.5

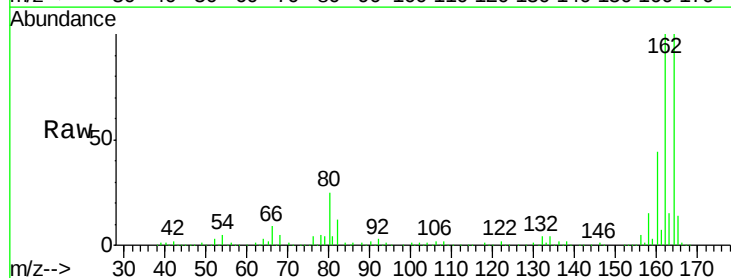


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

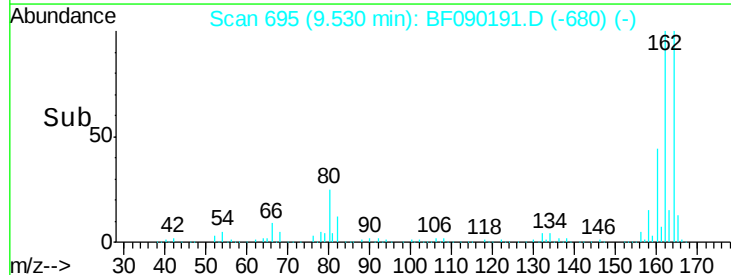
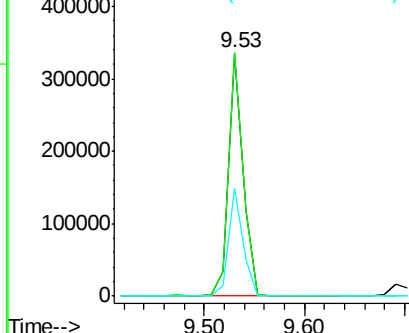


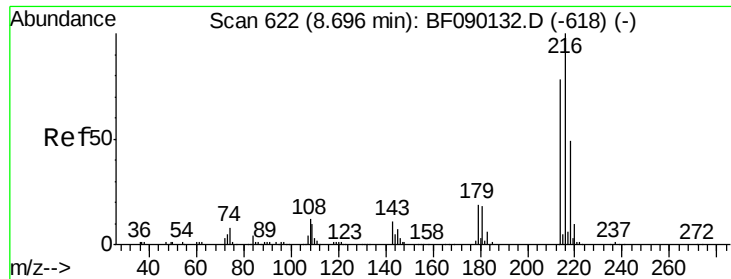
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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

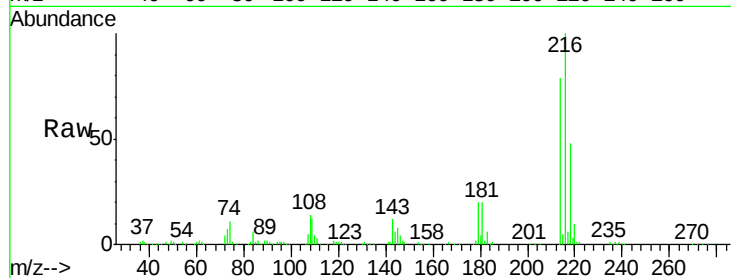




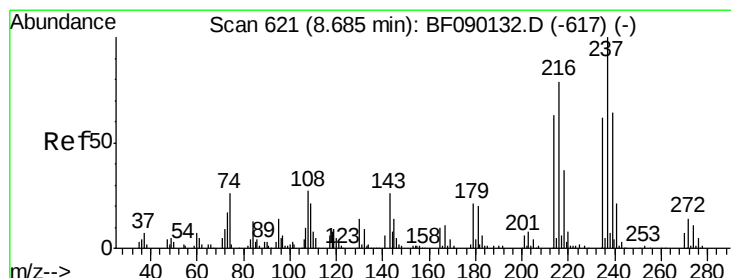
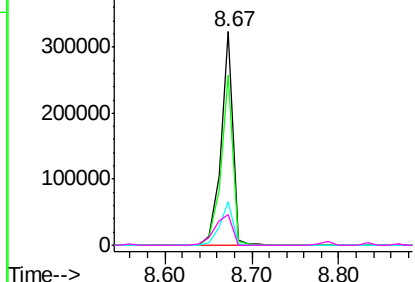
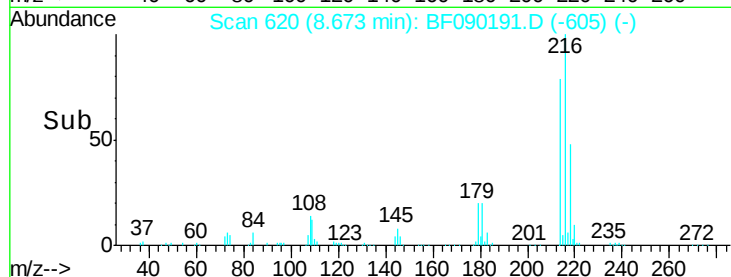
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.28 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

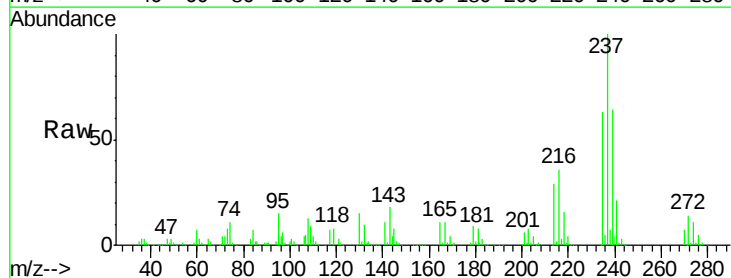


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

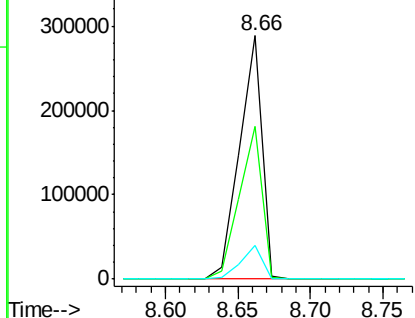
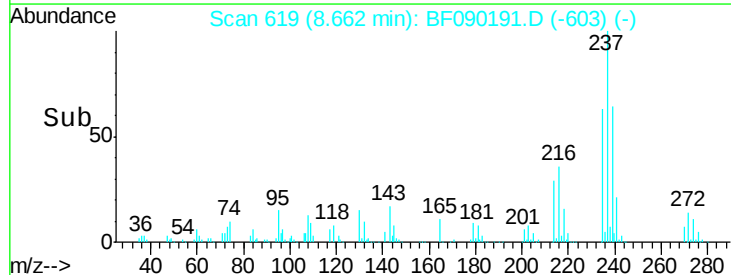


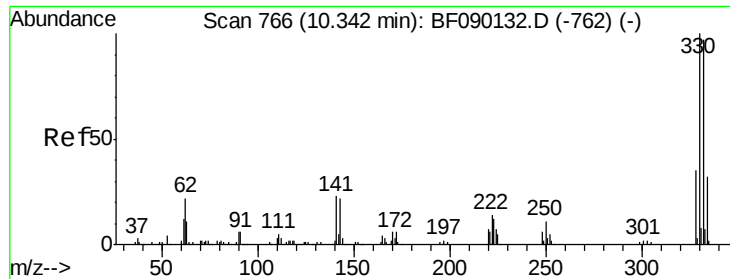
#40
 Hexachlorocyclopentadiene
 Concen: 81.08 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

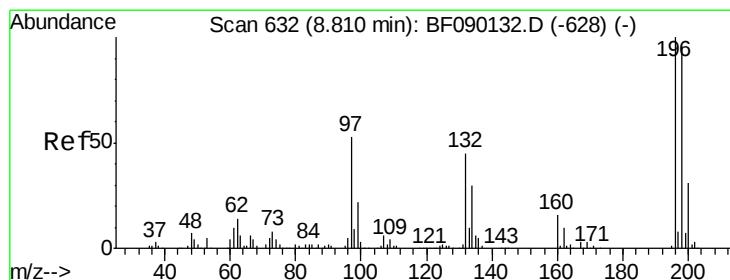
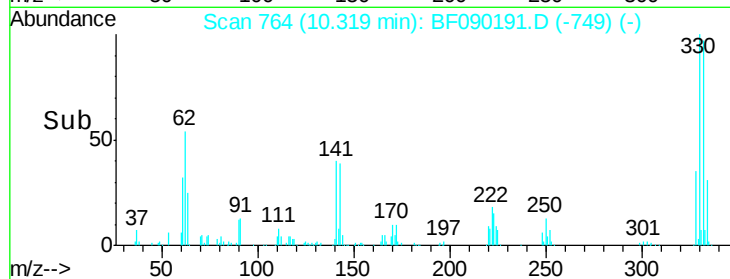
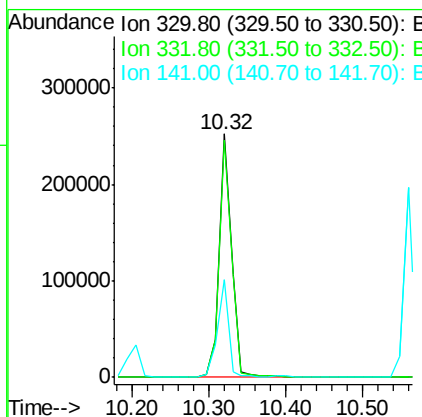
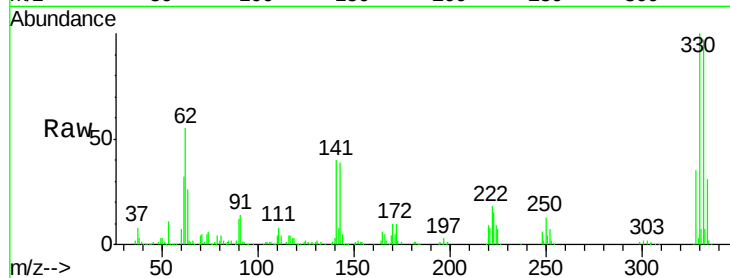




#41
 2,4,6-Tribromophenol
 Concen: 99.03 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

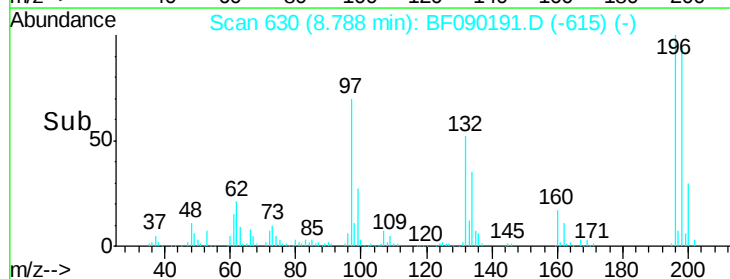
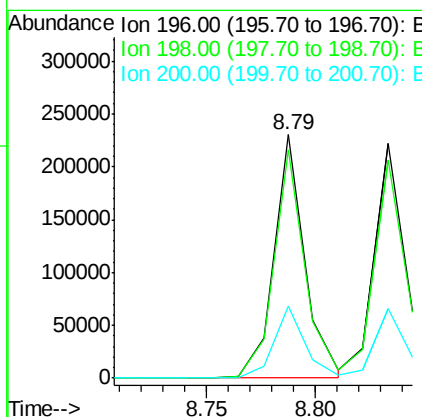
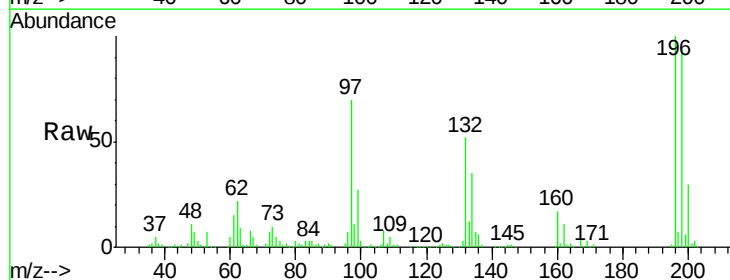
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

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. -0.02 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

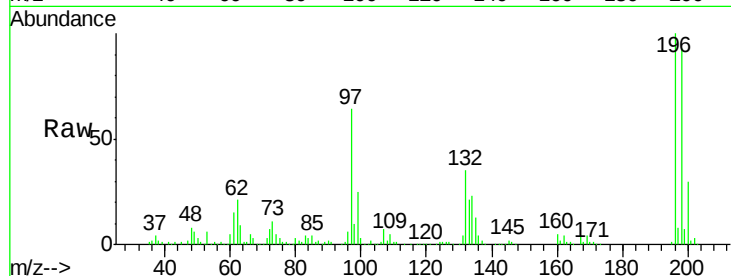




#43
 2,4,5-Trichlorophenol
 Concen: 39.02 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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#



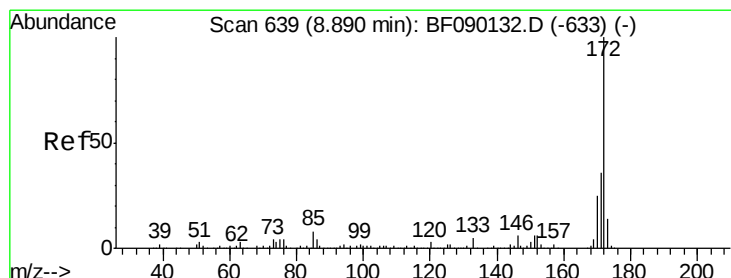
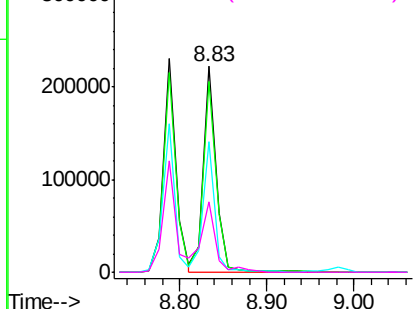
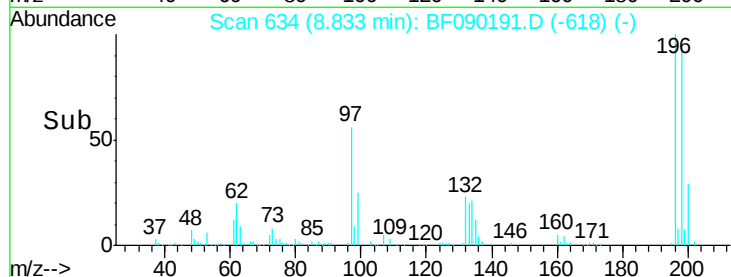
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

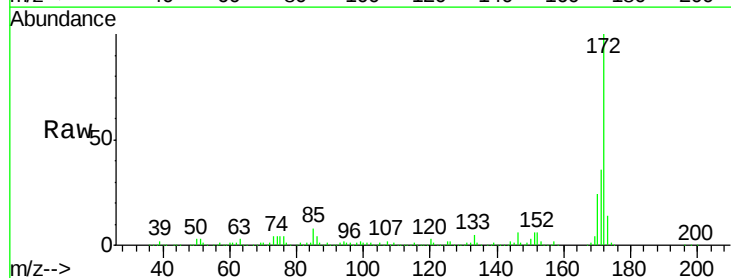
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.08 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 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

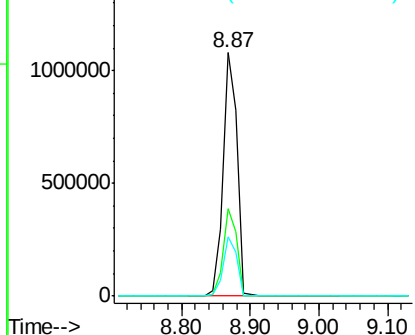
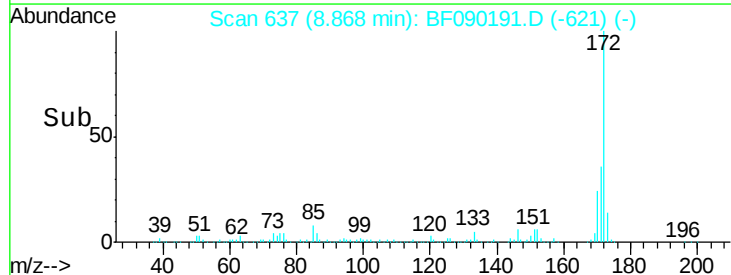


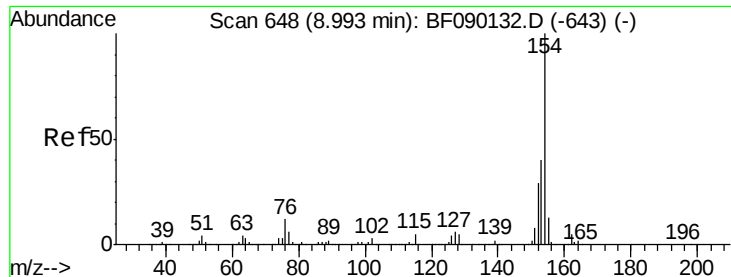
Abundance

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

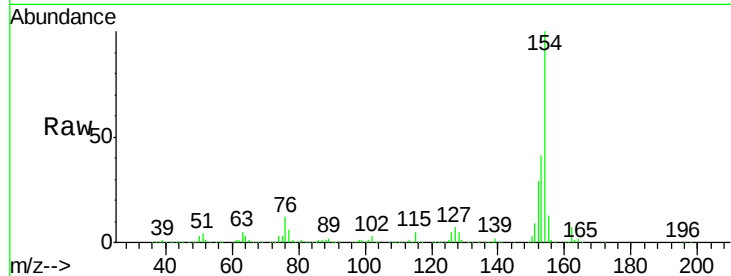




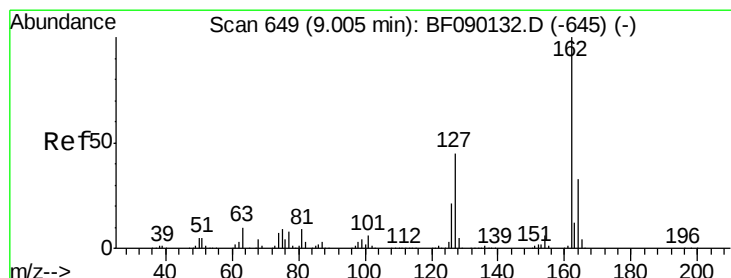
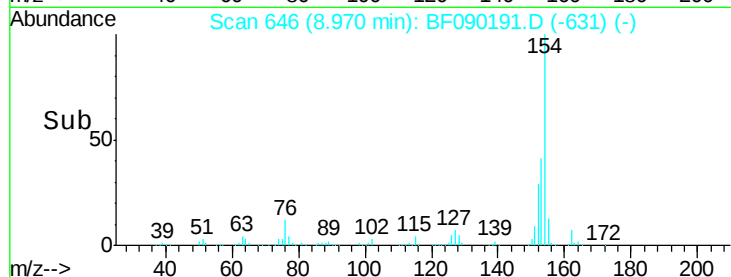
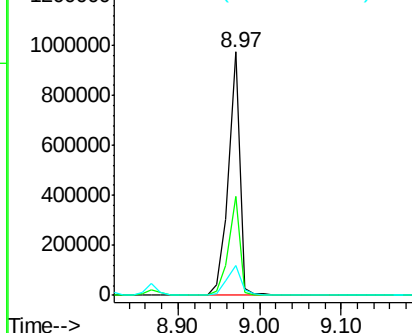
#45
 1,1'-Biphenyl
 Concen: 38.84 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

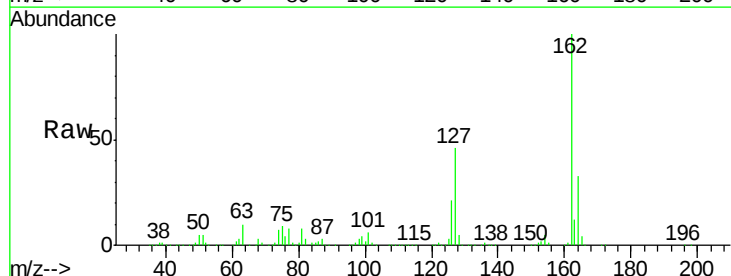


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

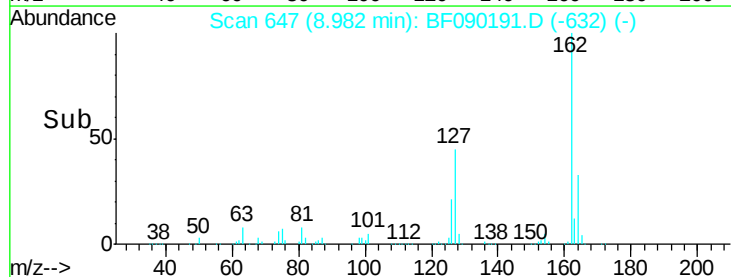
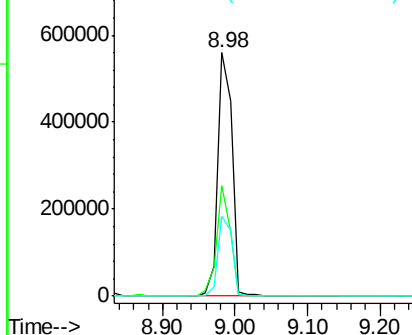


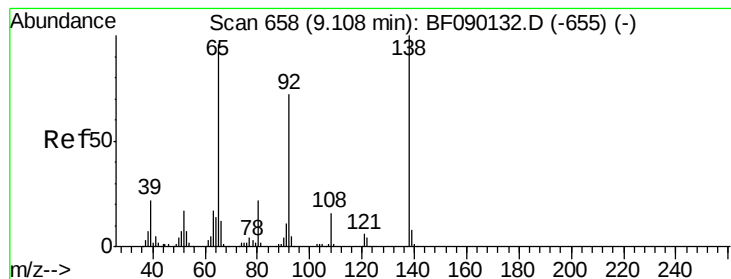
#46
 2-Chloronaphthalene
 Concen: 42.75 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion:162 Resp: 762896
 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

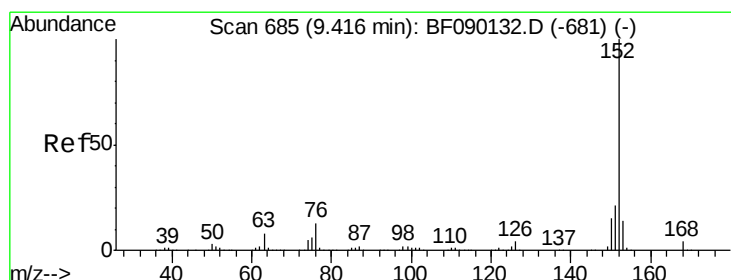
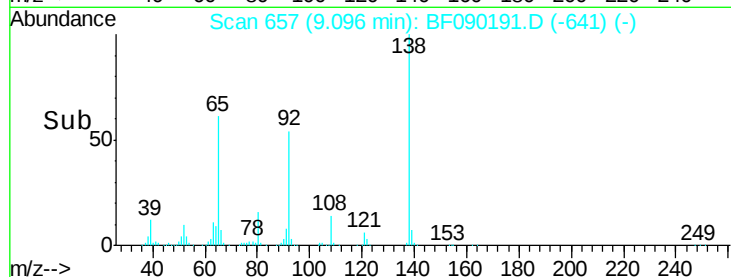
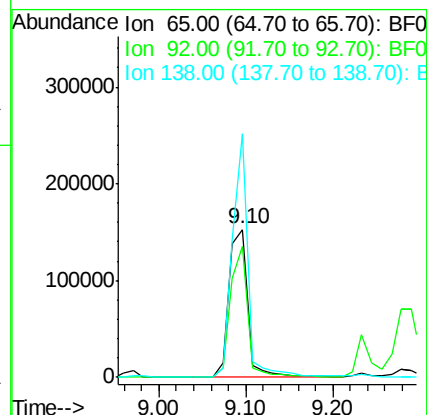
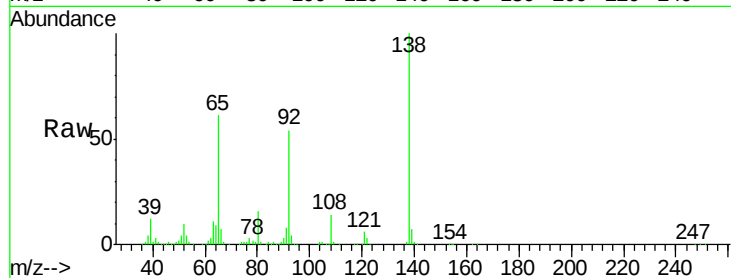
Tgt Ion: 65 Resp: 234450

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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

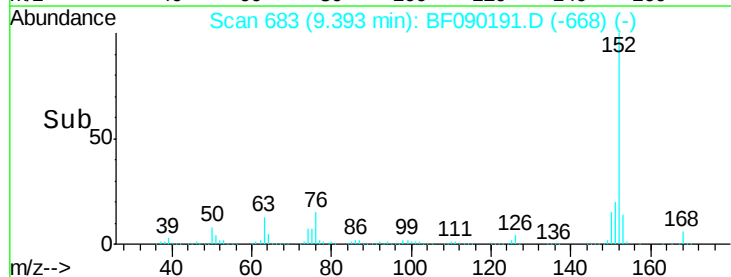
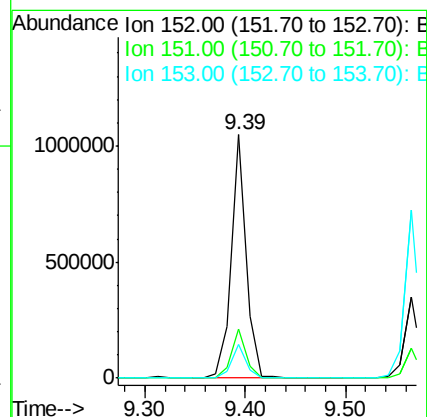
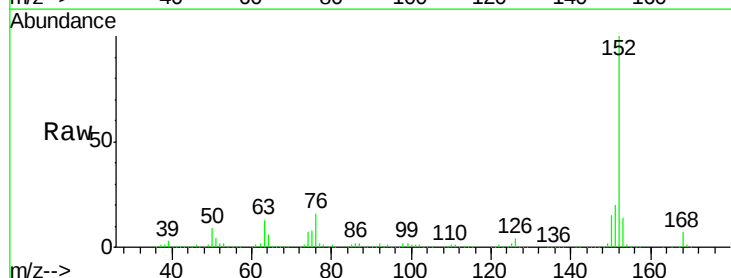
Tgt Ion: 152 Resp: 1081217

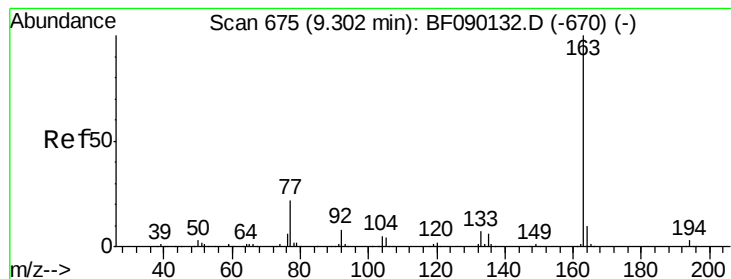
Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7

153 13.8 10.6 15.8





#49

Dimethylphthalate

Concen: 64.01 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

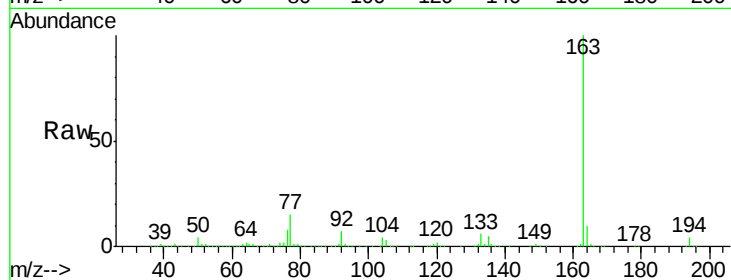
Tgt Ion:163 Resp: 1378525

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

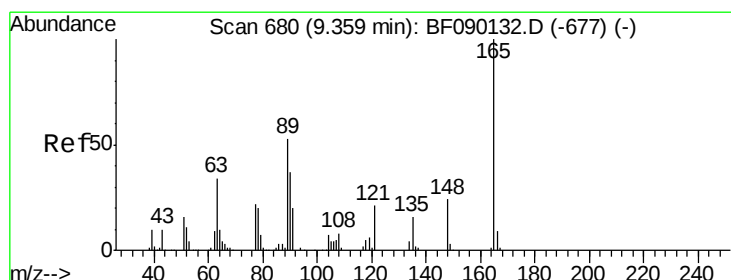
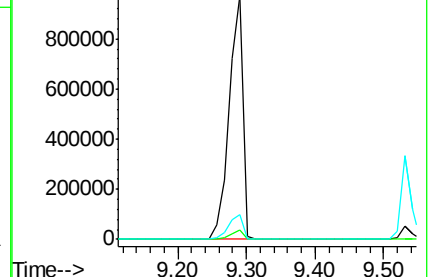
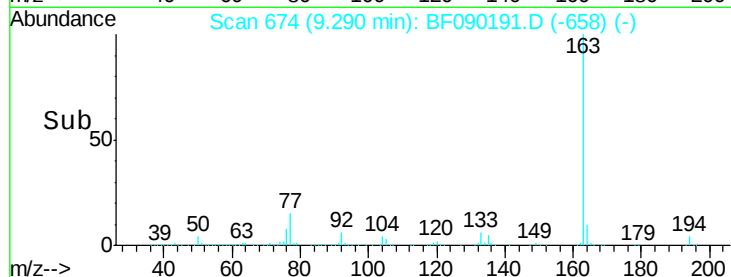
164 10.1 8.1 12.1



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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

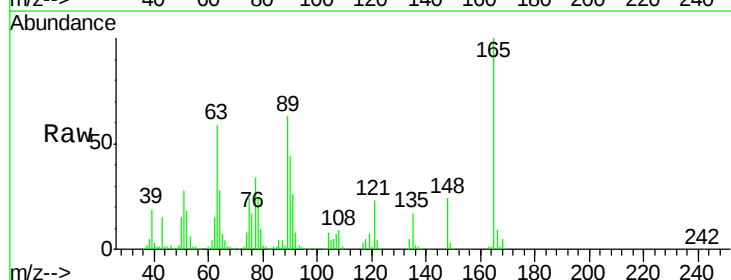
Tgt Ion:165 Resp: 183615

Ion Ratio Lower Upper

165 100

63 58.9 49.9 74.9

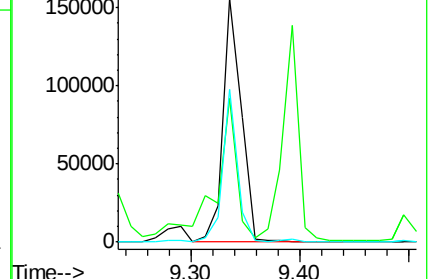
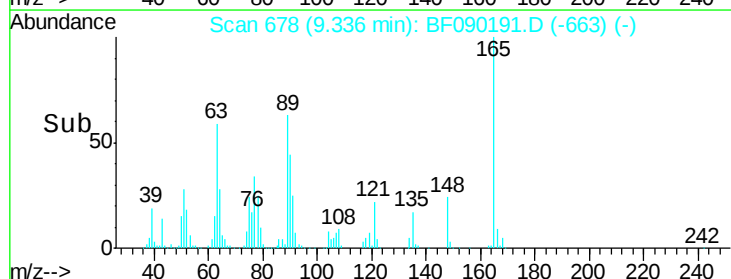
89 62.8 51.0 76.4

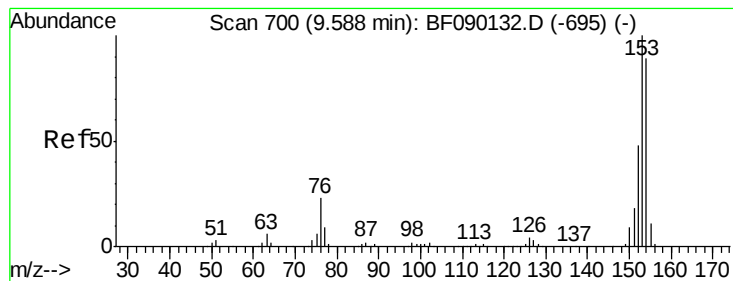


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

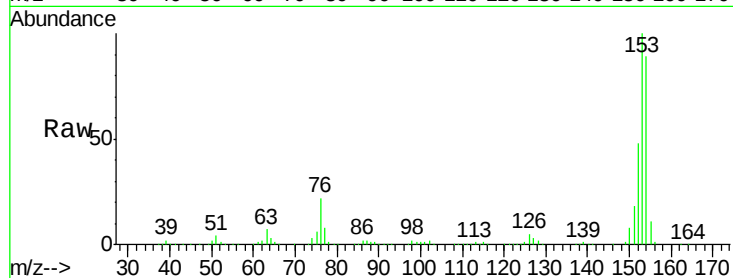
Tgt Ion:154 Resp: 645331

Ion Ratio Lower Upper

154 100

153 112.1 90.8 136.2

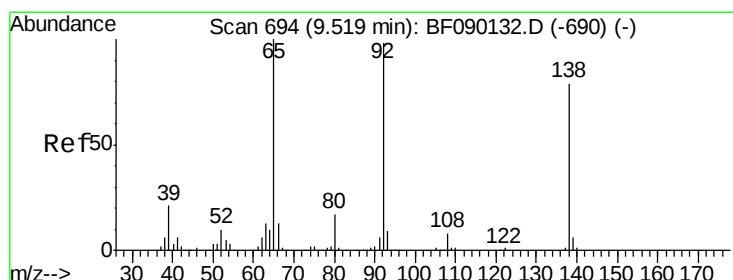
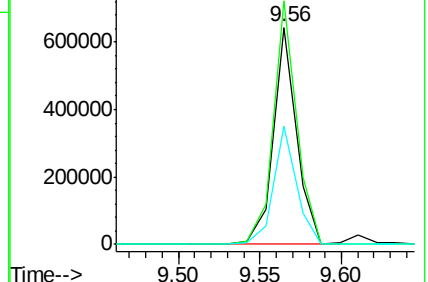
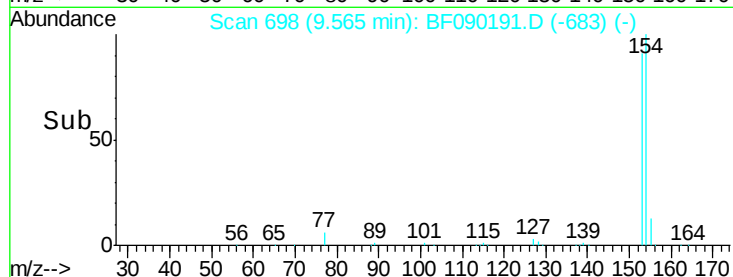
152 54.3 44.2 66.4



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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

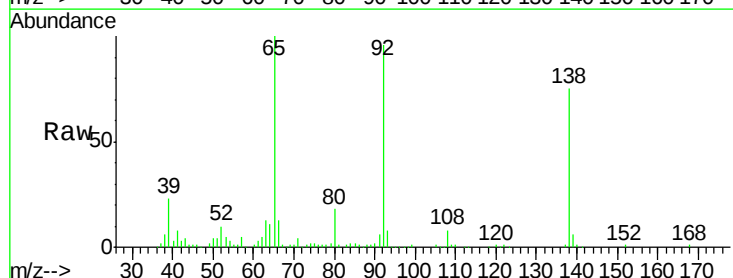
Tgt Ion:138 Resp: 141152

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

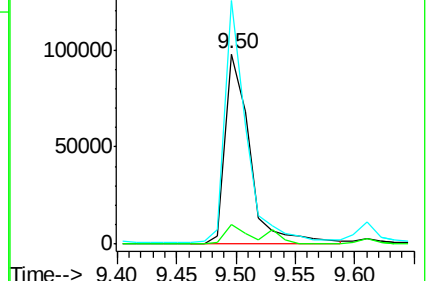
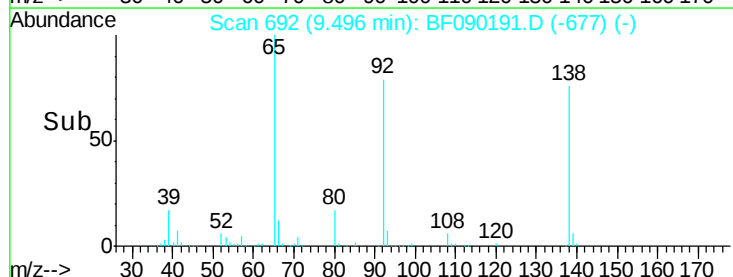
92 127.9 90.7 136.1

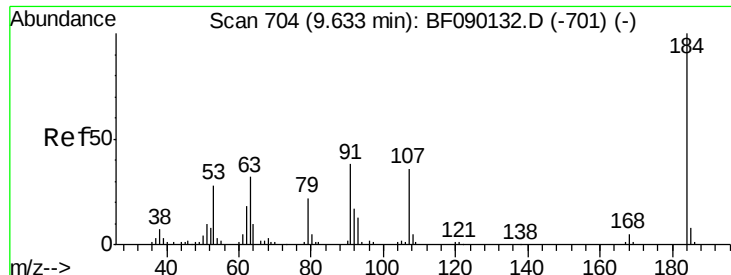


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

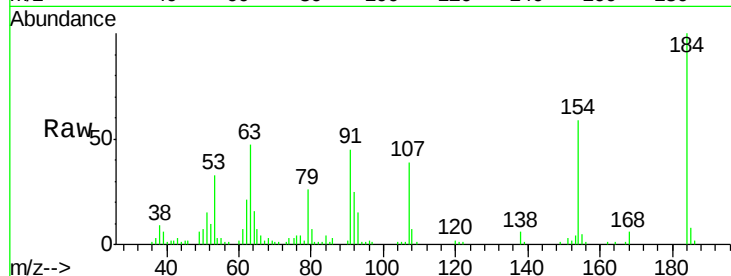




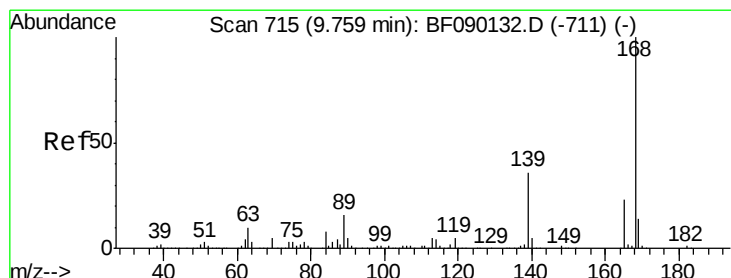
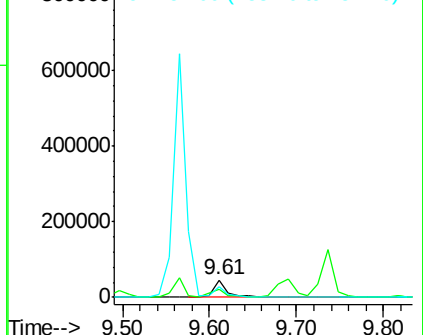
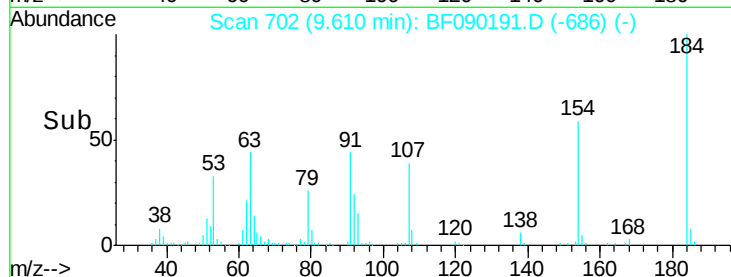
#53
 2,4-Dinitrophenol
 Concen: 22.10 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

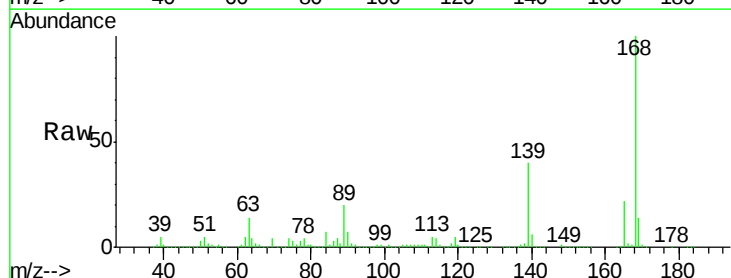


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

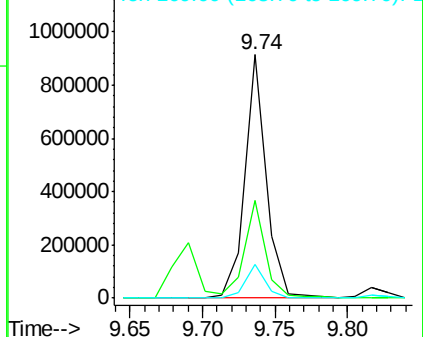
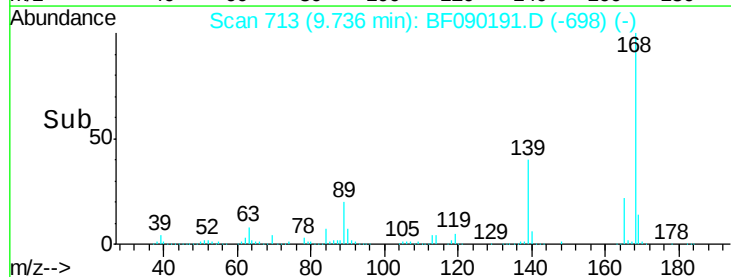


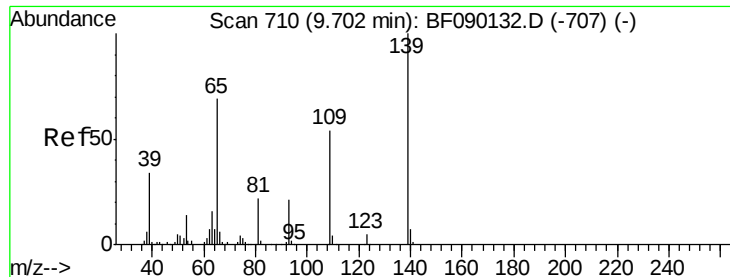
#54
 Dibenzofuran
 Concen: 41.36 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

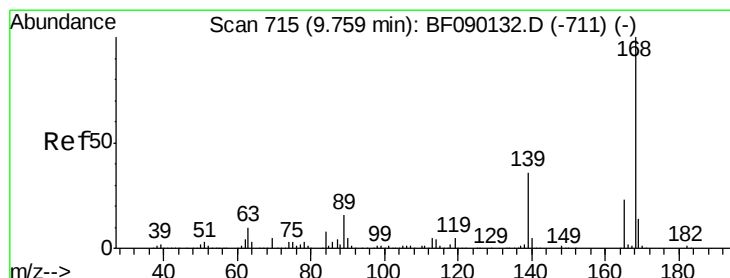
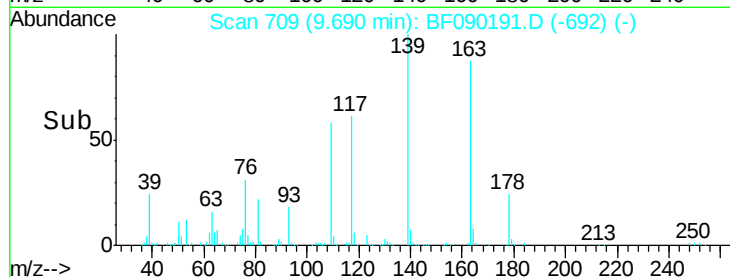
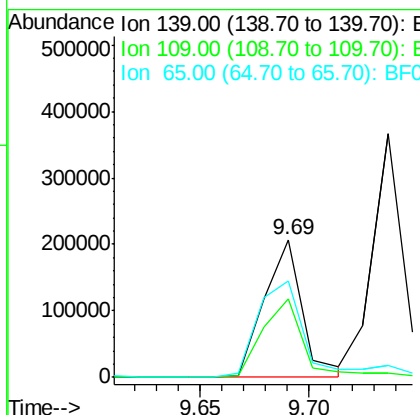
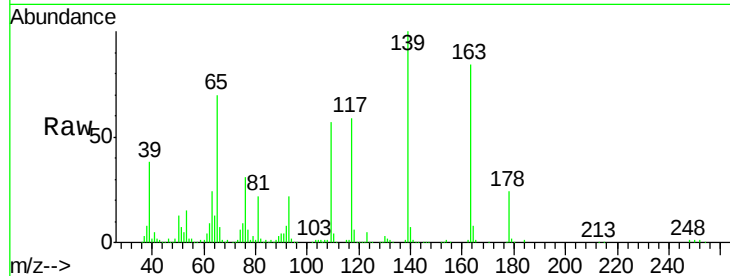




#55
4-Nitrophenol
Concen: 65.77 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

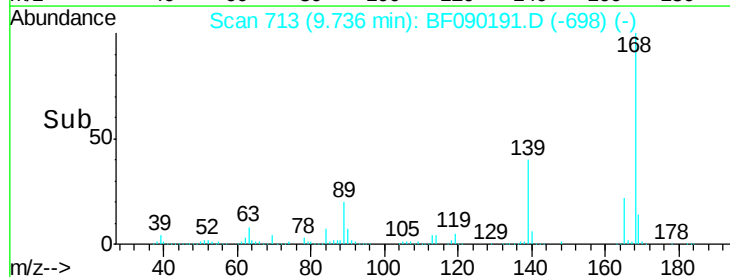
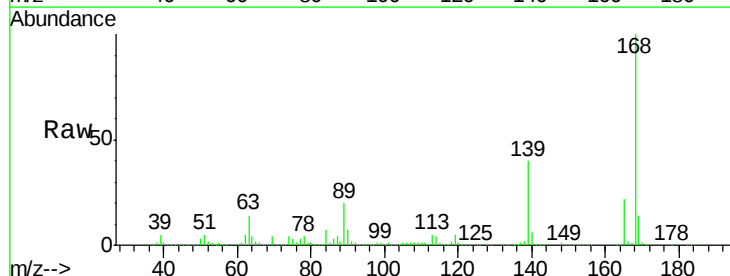
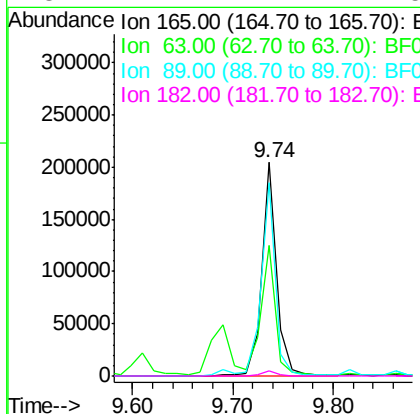
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

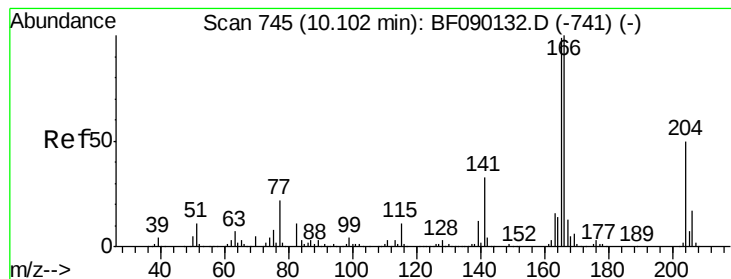
Tgt Ion:139 Resp: 253548
Ion Ratio Lower Upper
139 100
109 56.8 35.6 75.6
65 69.9 55.5 95.5



#56
2,4-Dinitrotoluene
Concen: 37.04 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.02 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





#57

Fluorene

Concen: 42.10 ng

RT: 10.08 min Scan# 743

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

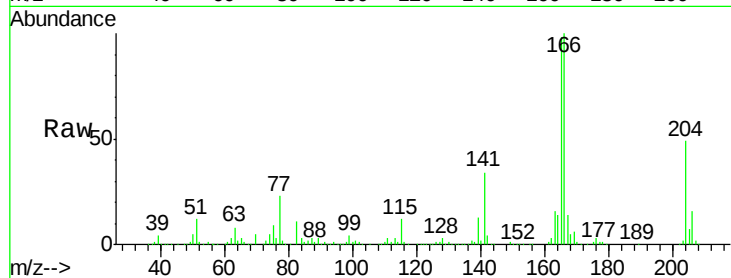
Tgt Ion:166 Resp: 718192

Ion Ratio Lower Upper

166 100

165 98.5 78.5 117.7

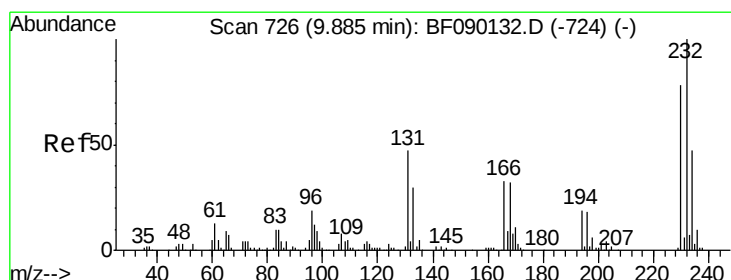
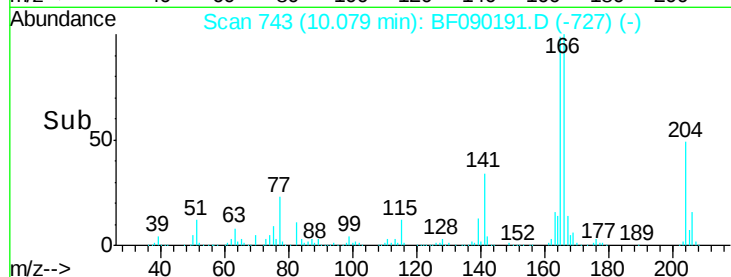
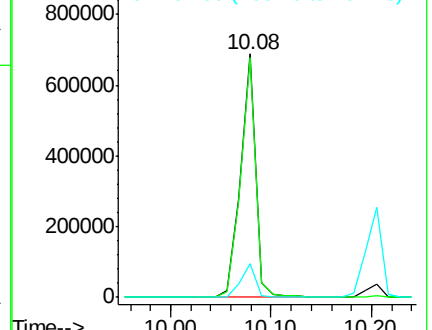
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.61 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Tgt Ion:232 Resp: 174105

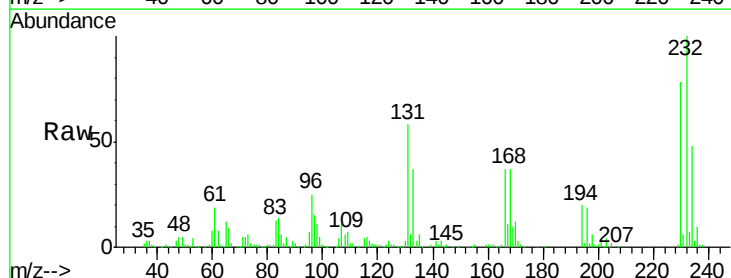
Ion Ratio Lower Upper

232 100

131 51.8 42.2 63.4

130 2.7 1.9 2.9

166 34.5 26.4 39.6

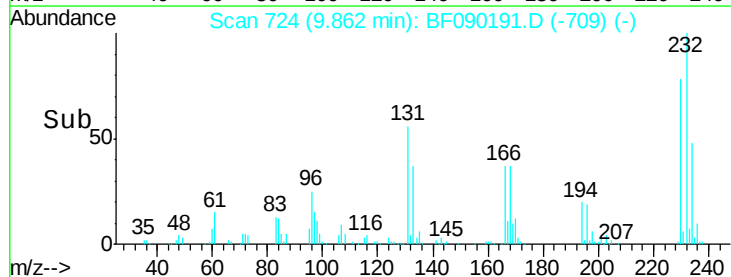
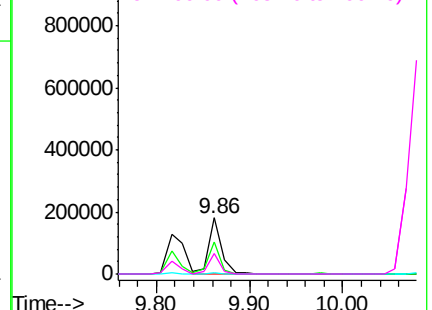


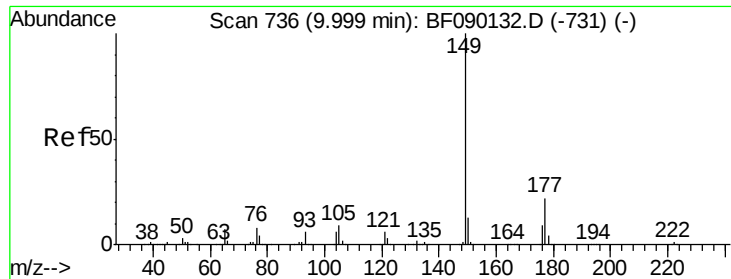
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

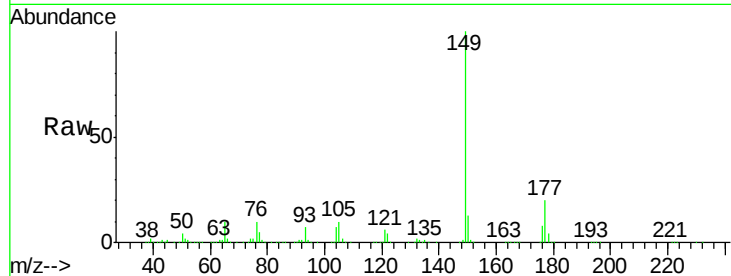




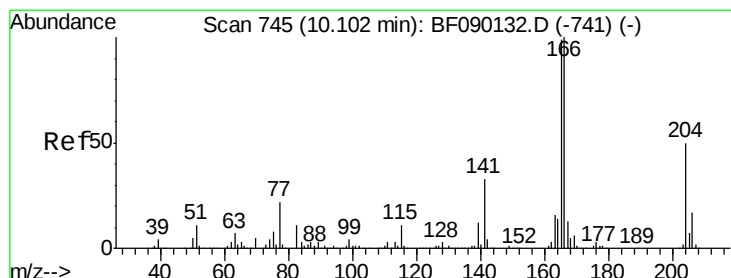
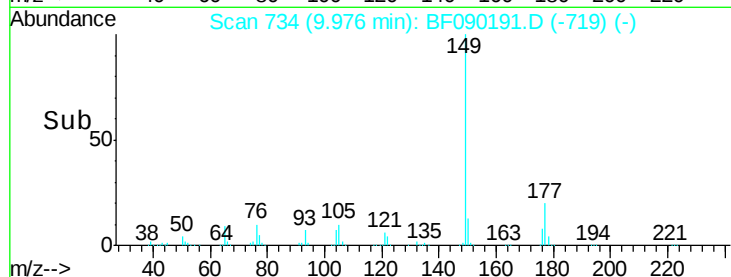
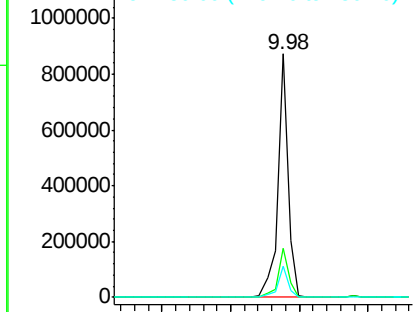
#59
Diethylphthalate
Concen: 44.06 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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

Tgt Ion:149 Resp: 916355
Ion Ratio Lower Upper
149 100
177 20.1 15.8 23.6
150 12.7 10.4 15.6

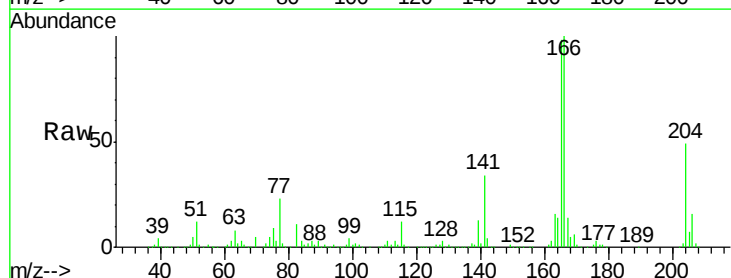


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

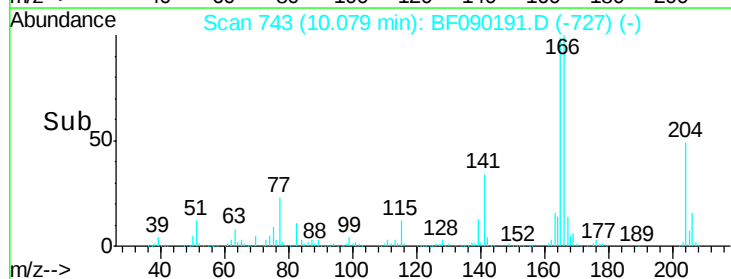
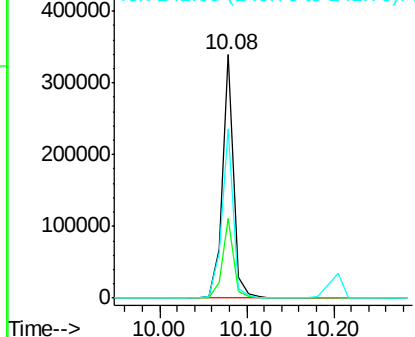


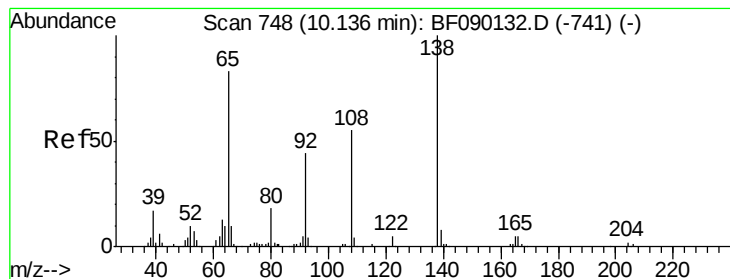
#60
4-Chlorophenyl-phenylether
Concen: 39.70 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion:204 Resp: 308852
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: 34.31 ng

RT: 10.11 min Scan# 746

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

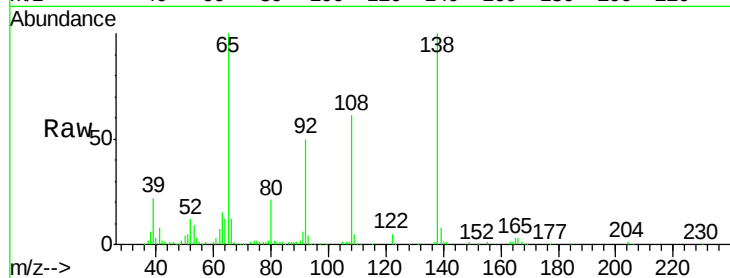
Tgt Ion:138 Resp: 196775

Ion Ratio Lower Upper

138 100

92 50.6 23.8 63.8

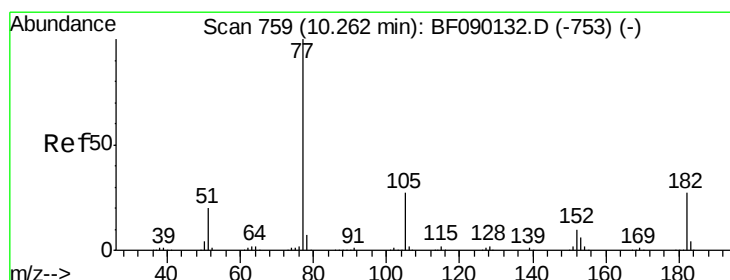
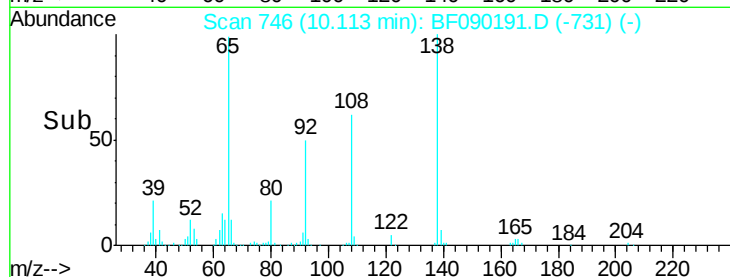
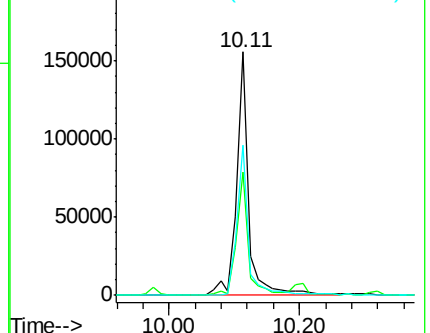
108 61.7 35.0 75.0



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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Tgt Ion: 77 Resp: 1010395

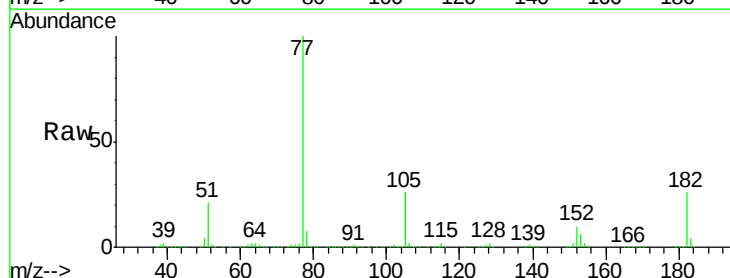
Ion Ratio Lower Upper

77 100

182 26.3 0.0 38.4

105 25.7 3.8 43.8

51 20.7 2.6 42.6

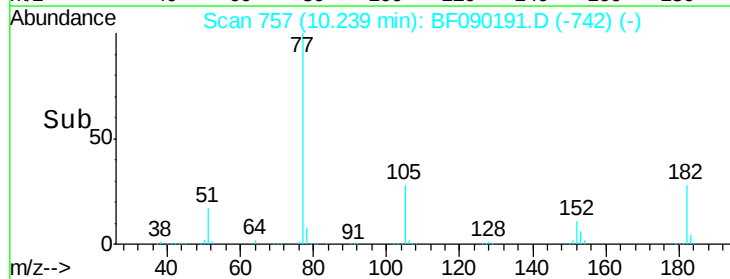
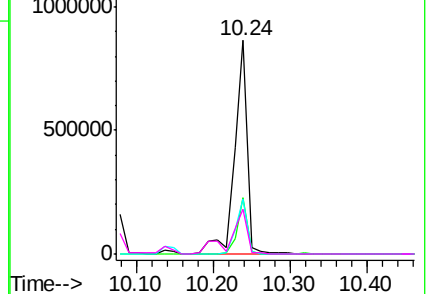


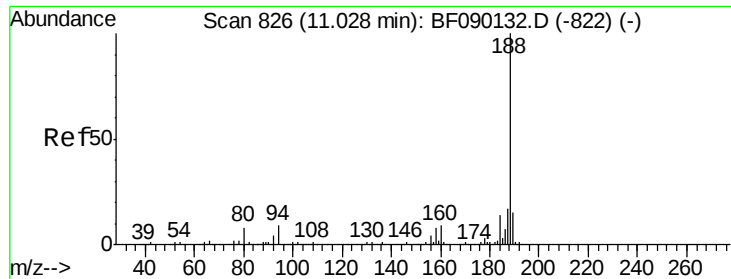
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

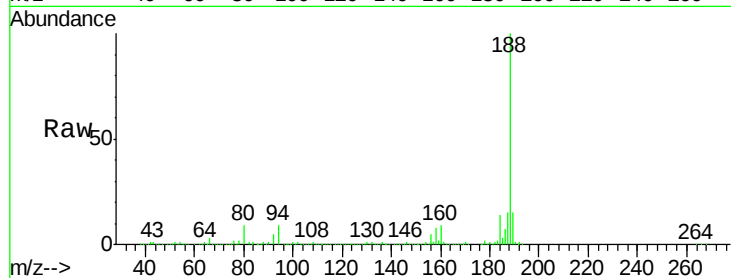




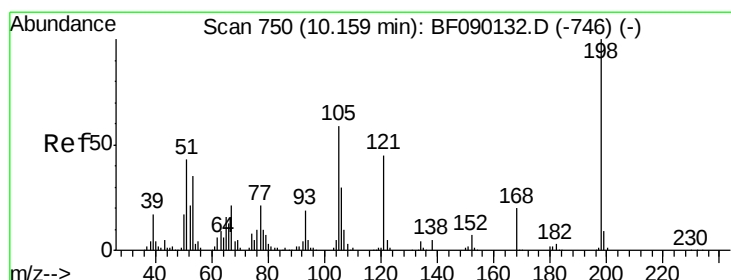
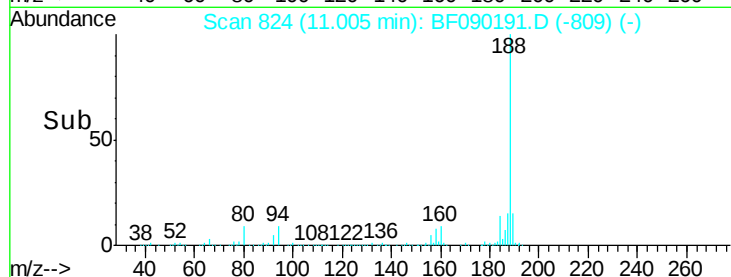
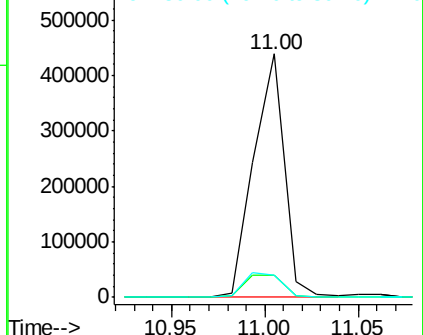
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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#

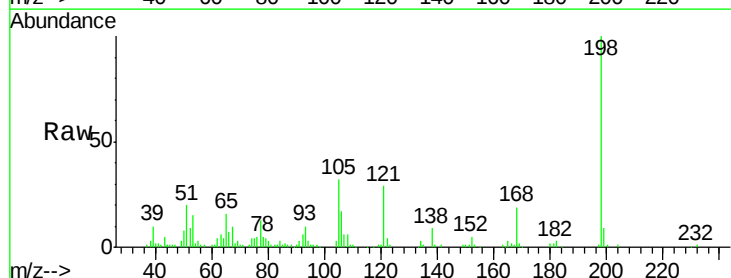


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

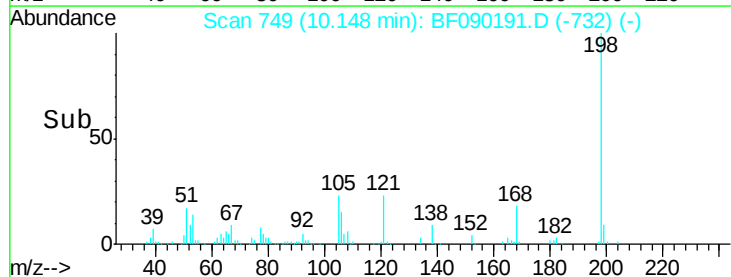
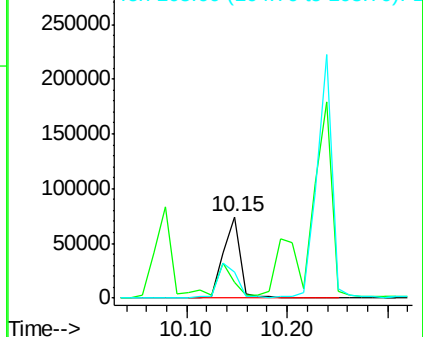


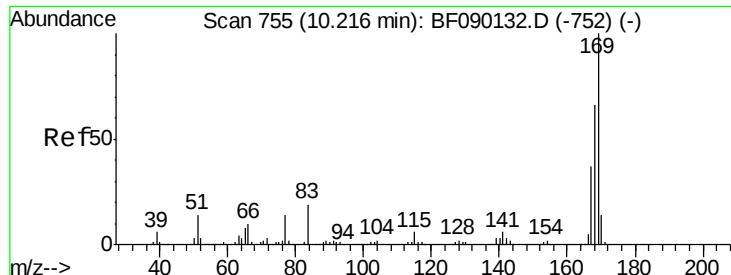
#64
4,6-Dinitro-2-methylphenol
Concen: 27.71 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

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

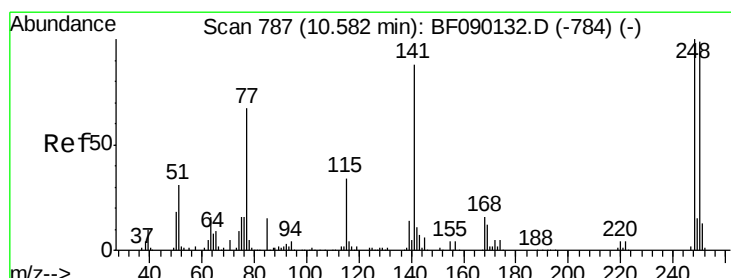
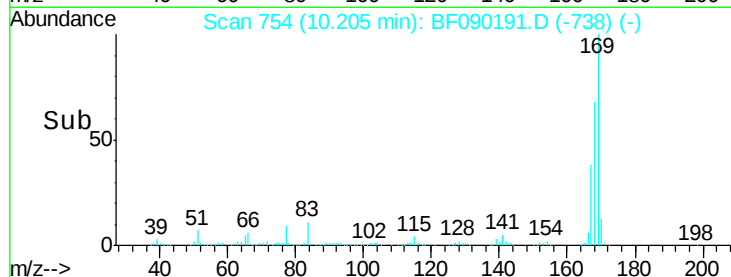
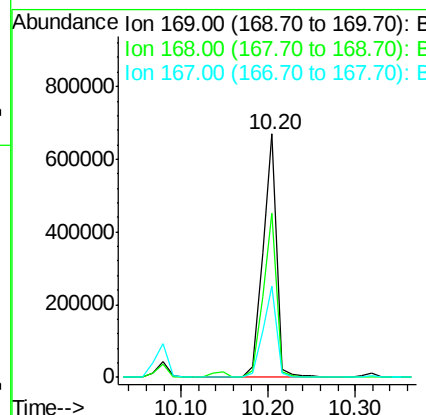
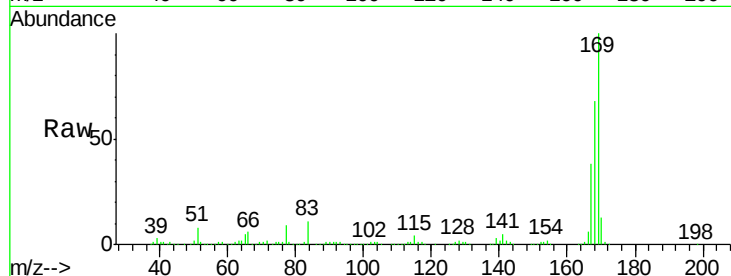




#65
 n-Nitrosodiphenylamine
 Concen: 45.51 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

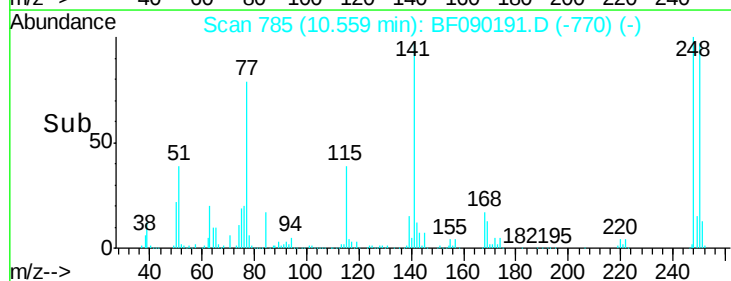
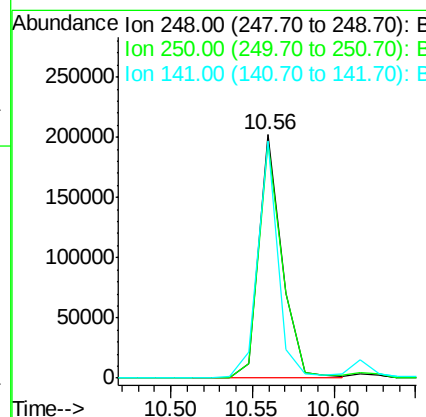
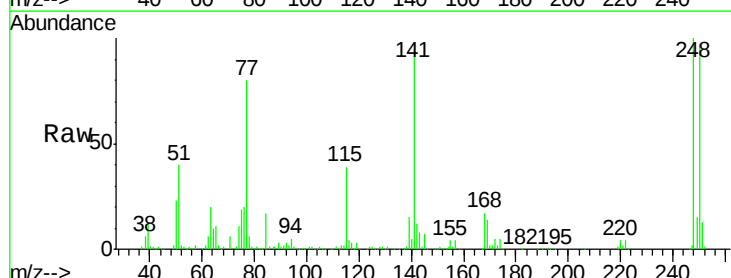
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

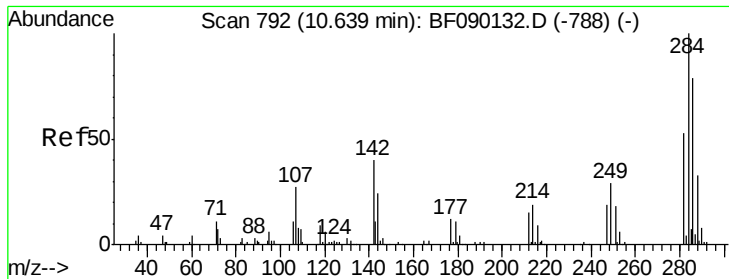
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.2	81.4
167	37.7	30.3	45.5



#66
 4-Bromophenyl-phenylether
 Concen: 41.23 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.4	119.2
141	97.4	49.3	73.9

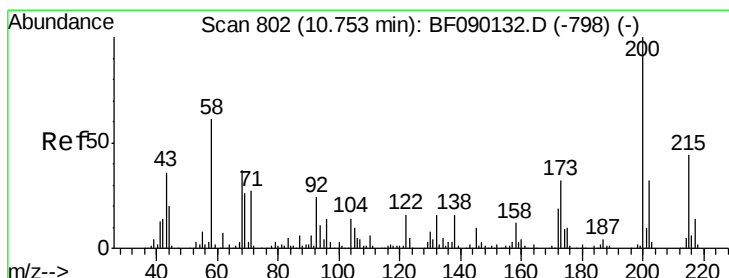
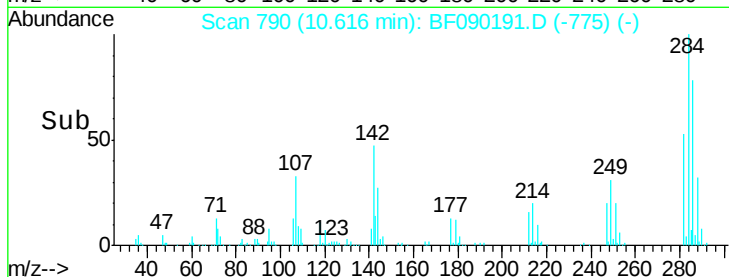
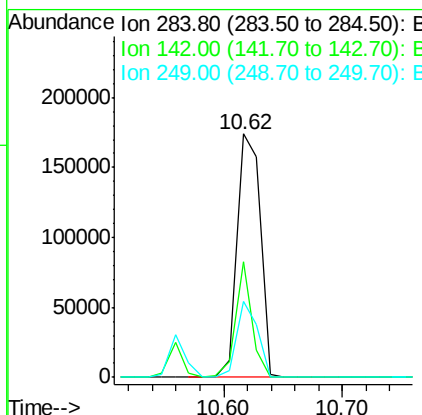
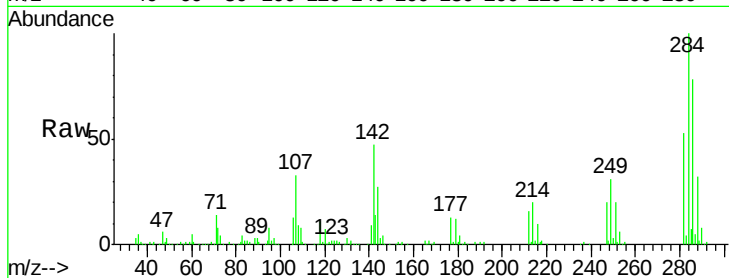




#67
Hexachlorobenzene
Concen: 41.79 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

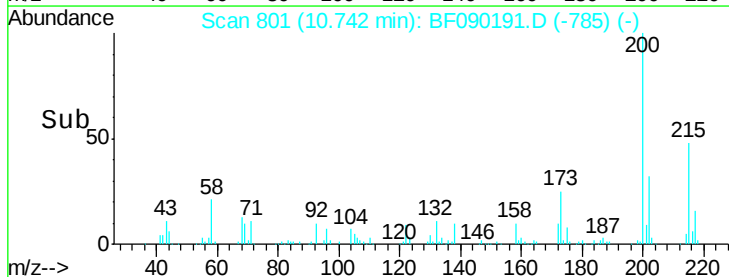
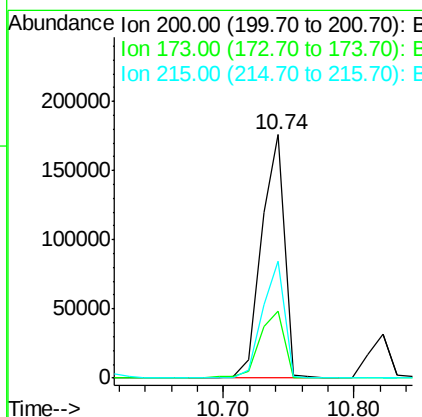
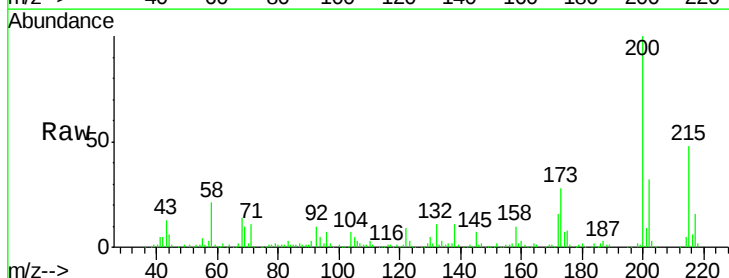
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

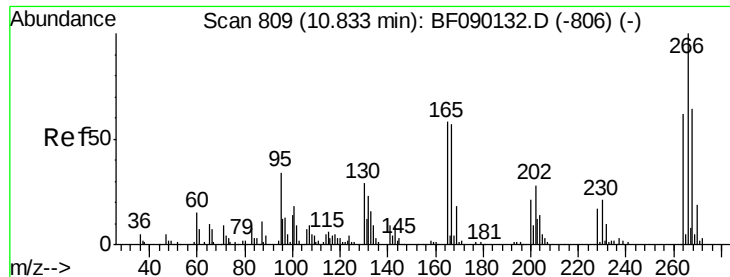
Tgt Ion:284 Resp: 238293
Ion Ratio Lower Upper
284 100
142 47.2 24.0 36.0#
249 31.2 23.8 35.6



#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

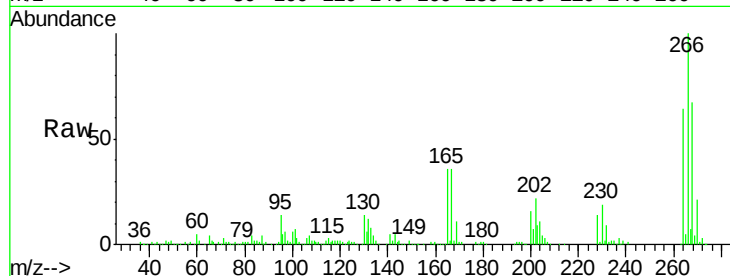




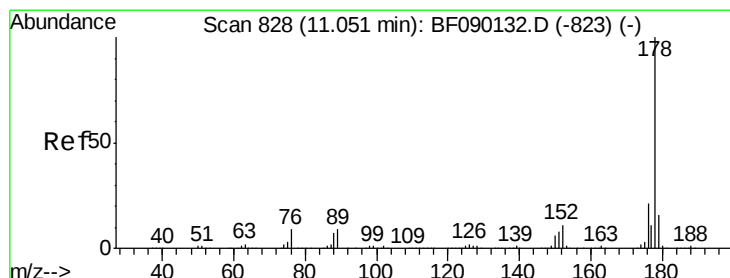
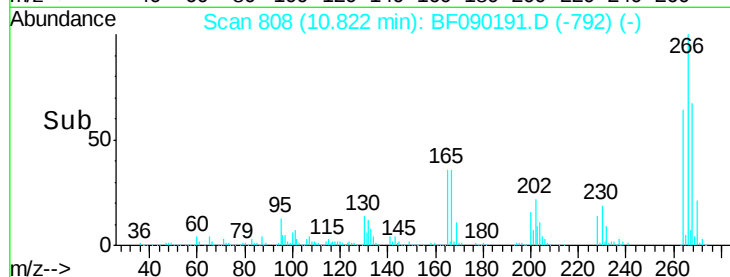
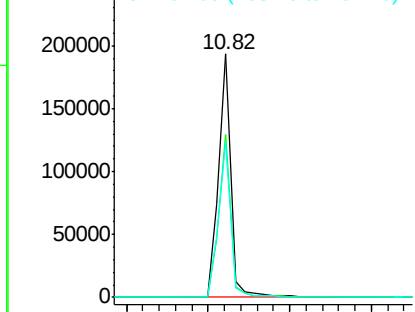
#69
 Pentachlorophenol
 Concen: 63.13 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

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

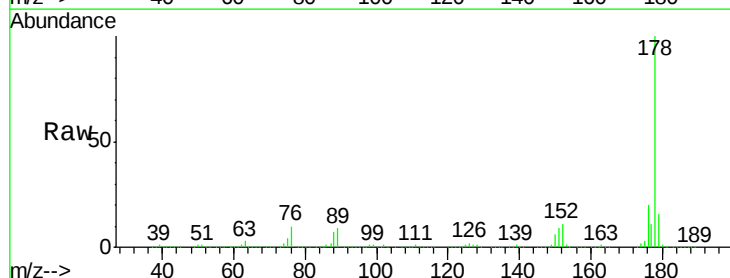


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

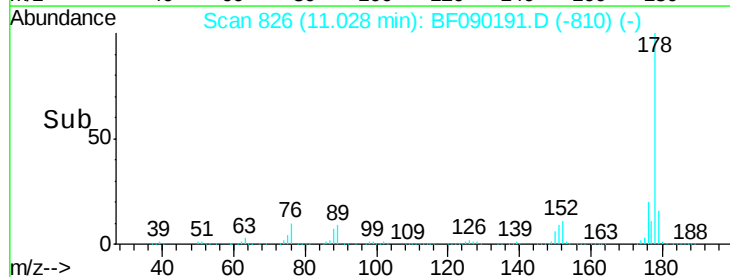
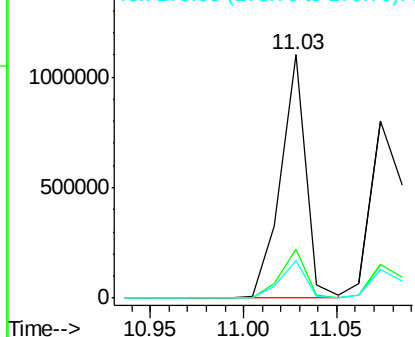


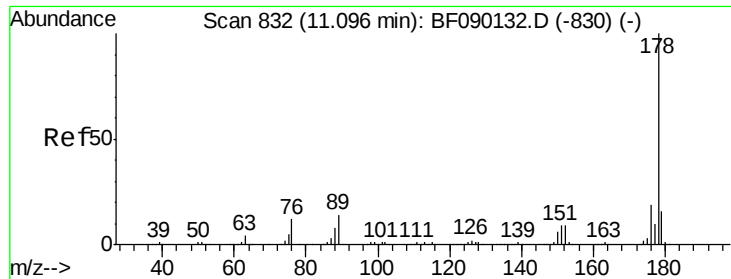
#70
 Phenanthrene
 Concen: 44.66 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

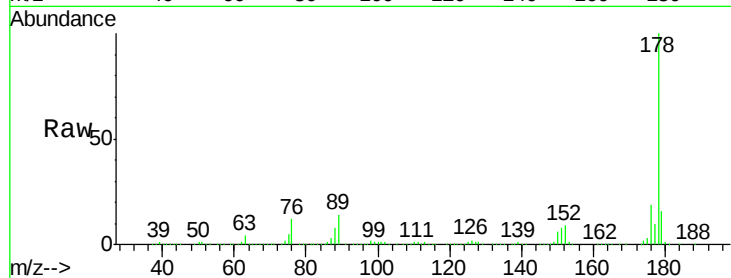




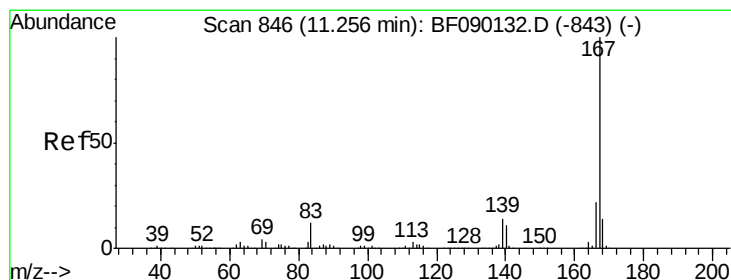
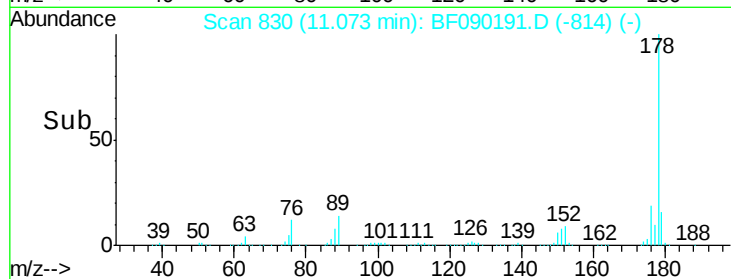
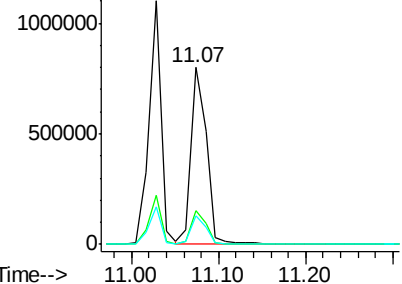
#71
 Anthracene
 Concen: 40.66 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion:178 Resp: 991567
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 16.2 12.6 19.0

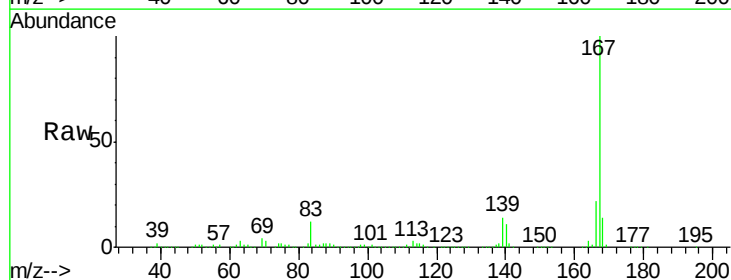


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

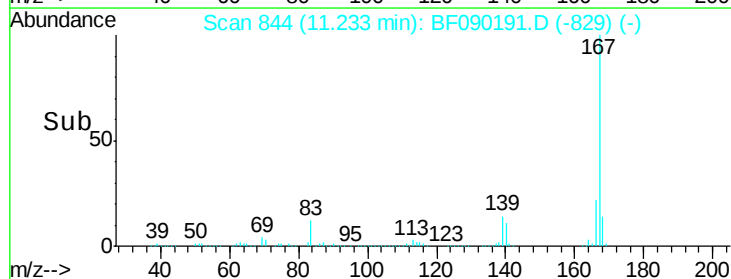
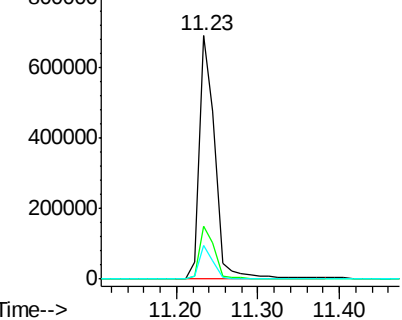


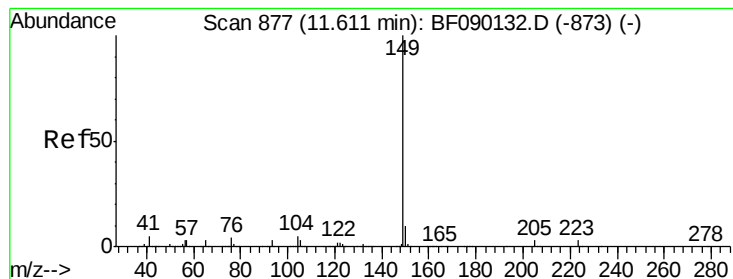
#72
 Carbazole
 Concen: 35.93 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

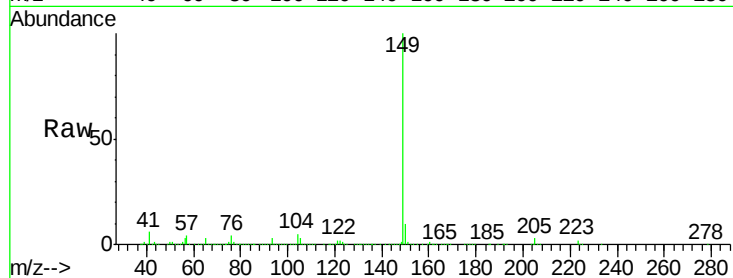
Tgt Ion:149 Resp: 1252778

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

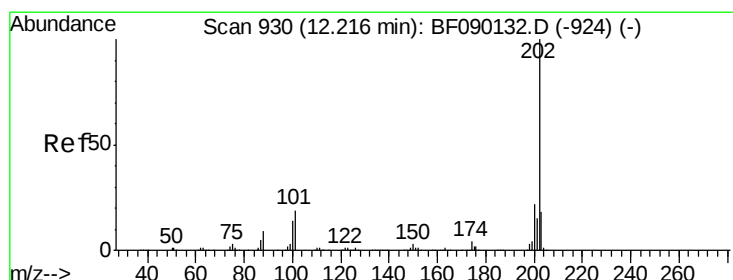
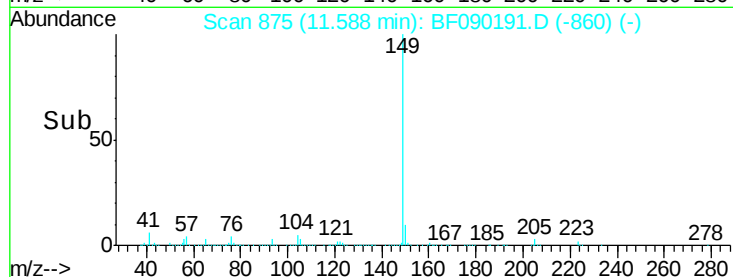
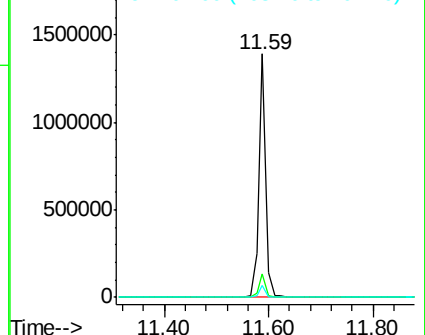
104 4.7 3.9 5.9



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: 38.08 ng

RT: 12.21 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

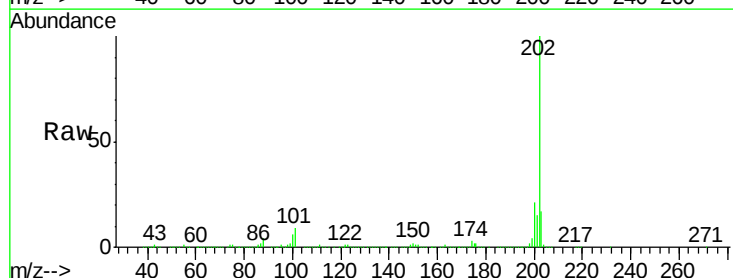
Tgt Ion:202 Resp: 950442

Ion Ratio Lower Upper

202 100

101 9.0 0.0 36.1

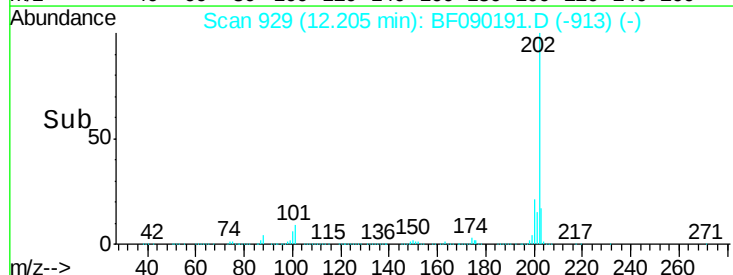
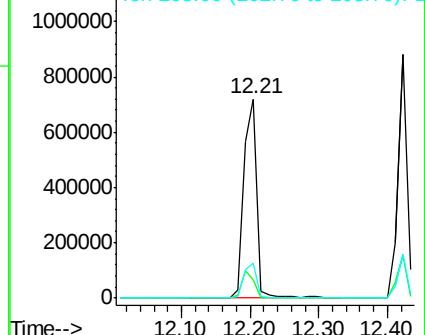
203 17.4 0.0 38.2

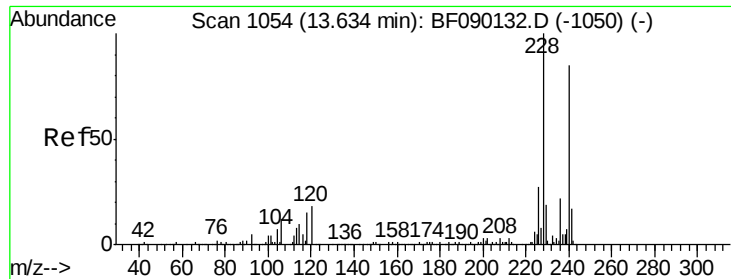


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS

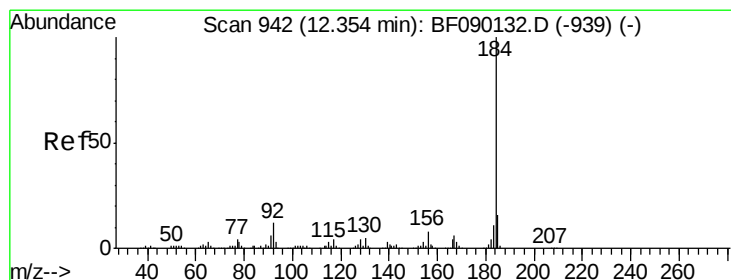
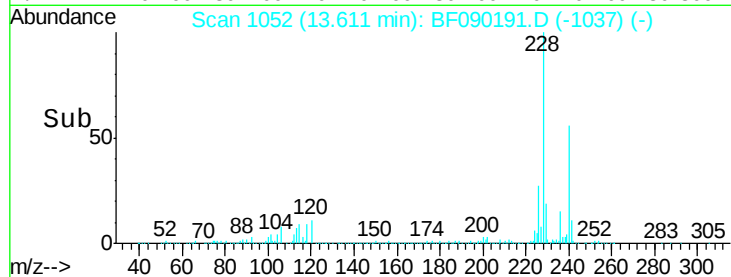
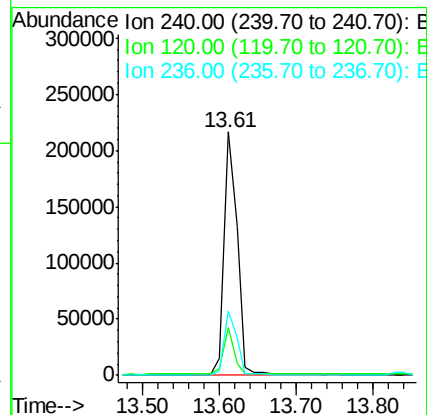
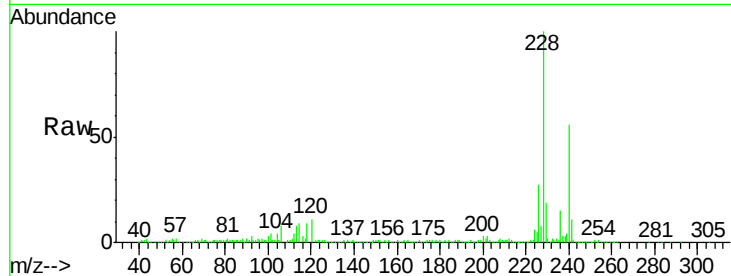
Tgt Ion:240 Resp: 266306

Ion Ratio Lower Upper

240 100

120 19.8 10.6 16.0#

236 26.3 21.6 32.4



#76

Benzidine

Concen: 11.52 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

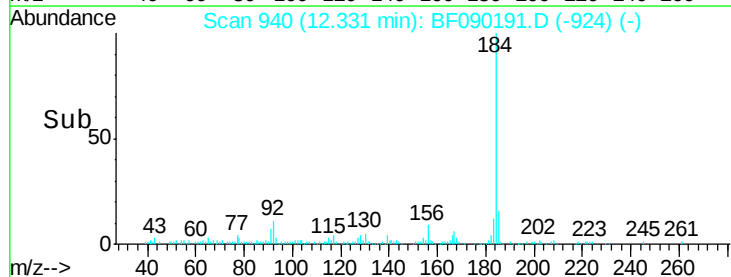
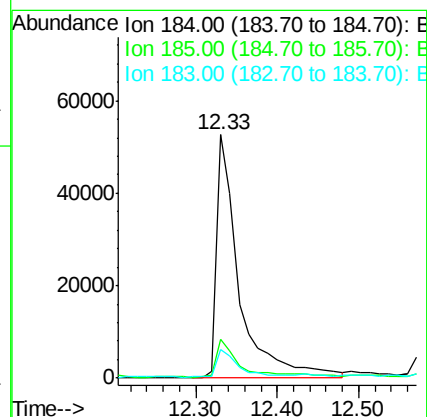
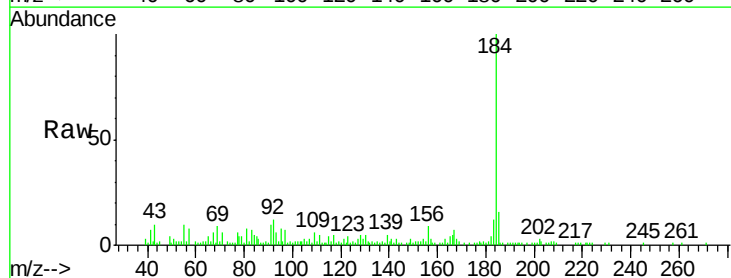
Tgt Ion:184 Resp: 102694

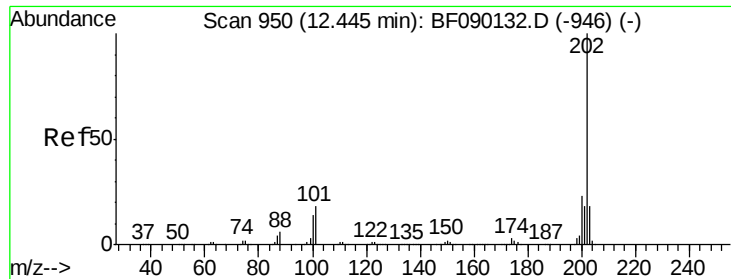
Ion Ratio Lower Upper

184 100

185 15.7 13.2 19.8

183 11.7 9.2 13.8

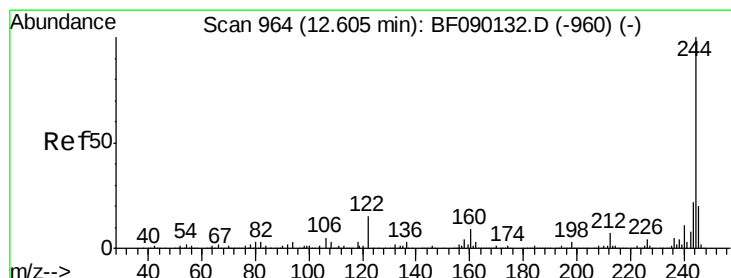
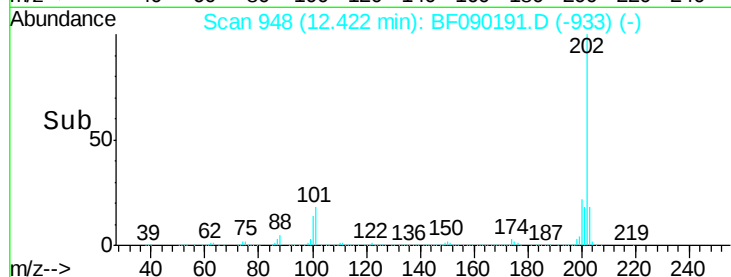
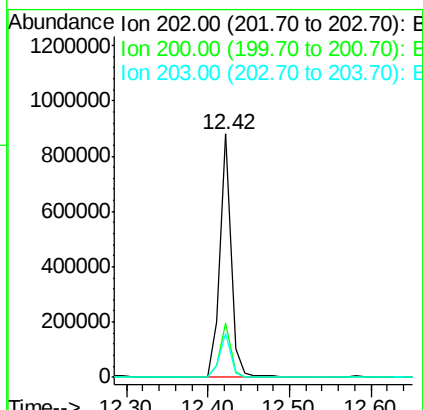
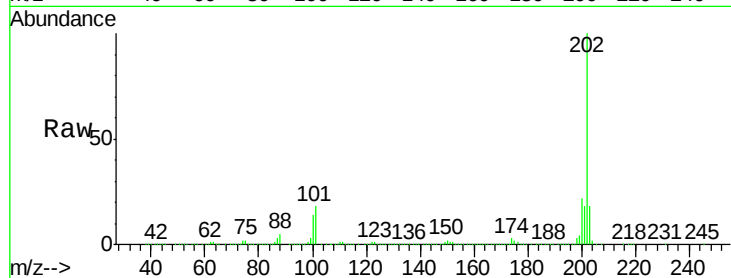




#77
 Pyrene
 Concen: 45.78 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

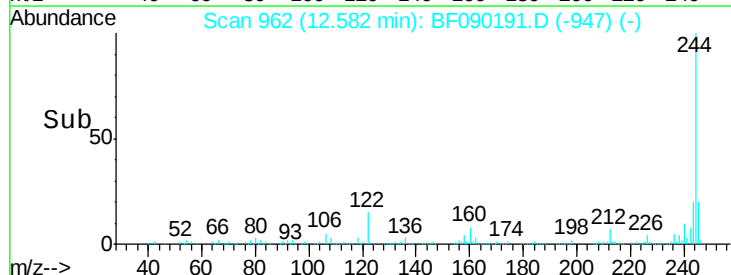
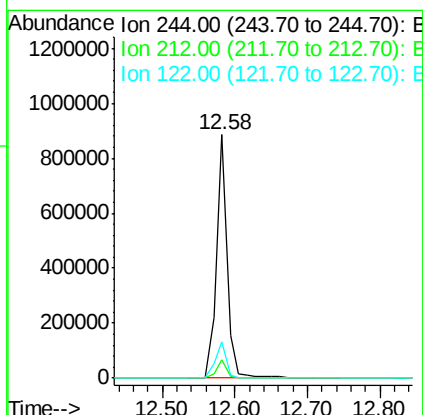
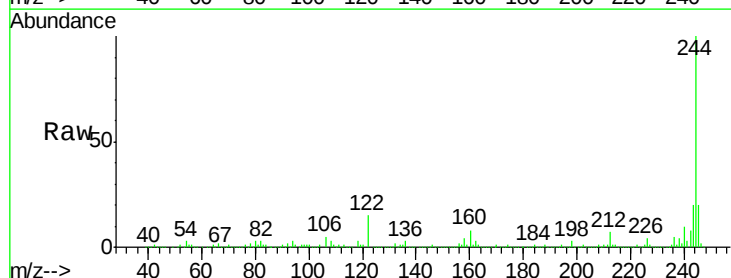
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

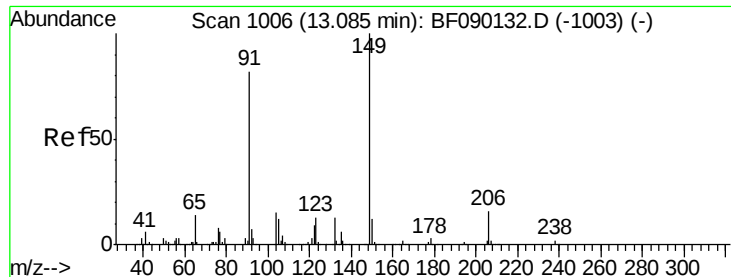
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.9	26.9
203	18.2	14.2	21.4



#78
 Terphenyl-d14
 Concen: 87.06 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.02 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#





#79

Butylbenzylphthalate

Concen: 45.43 ng

RT: 13.06 min Scan# 1004

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

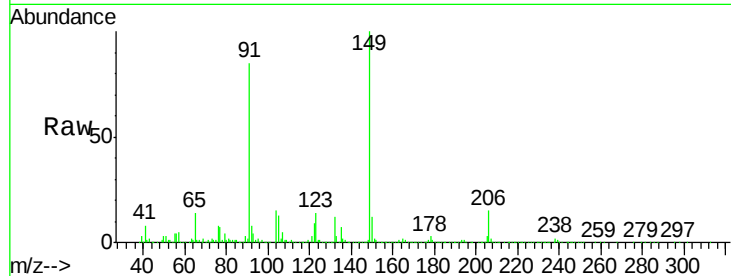
Tgt Ion:149 Resp: 404969

Ion Ratio Lower Upper

149 100

91 84.7 49.8 74.6#

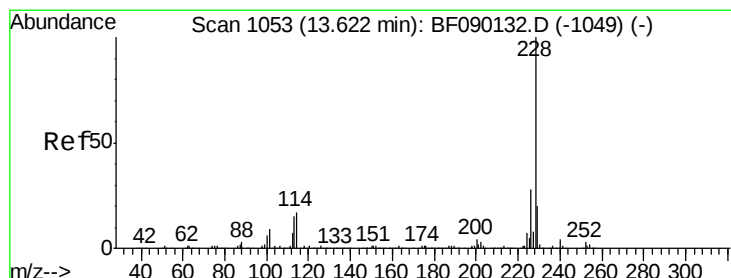
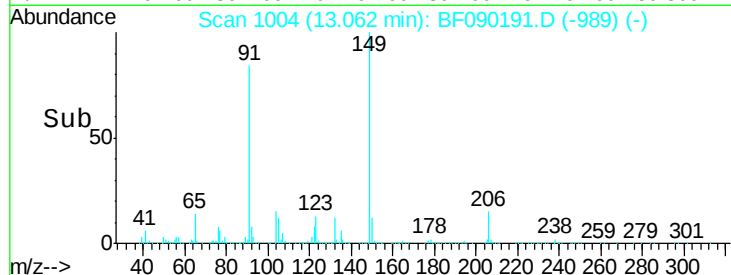
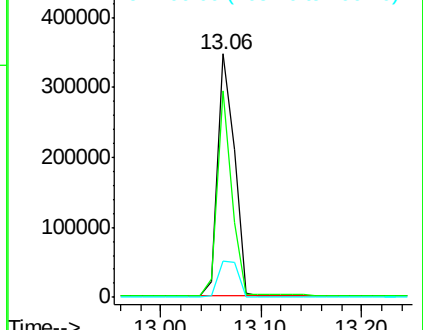
206 15.0 16.3 24.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.76 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

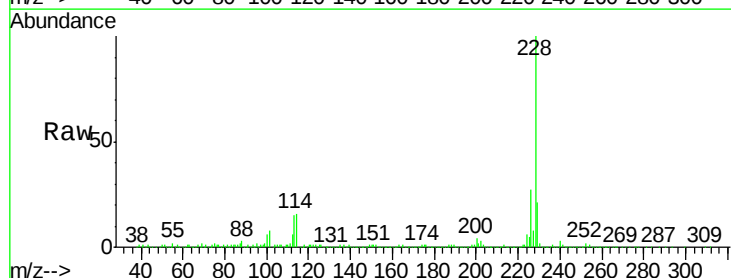
Tgt Ion:228 Resp: 655637

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

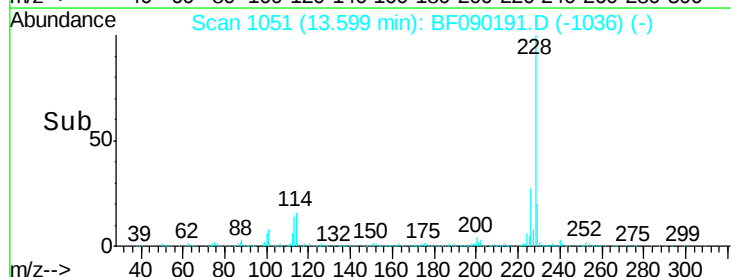
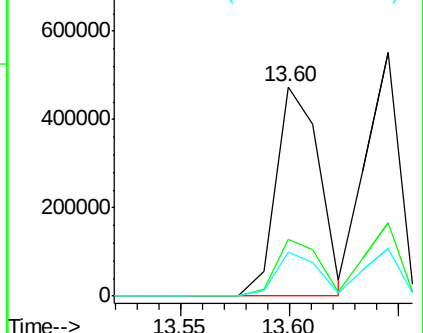
229 20.7 16.2 24.2

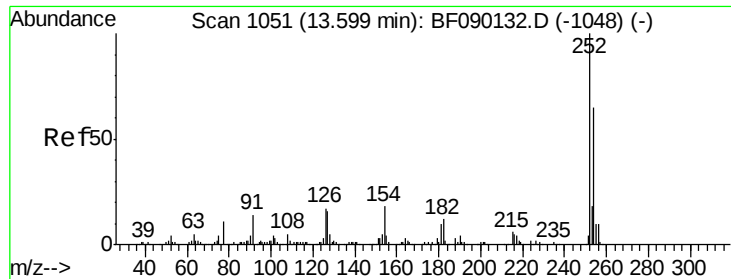


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

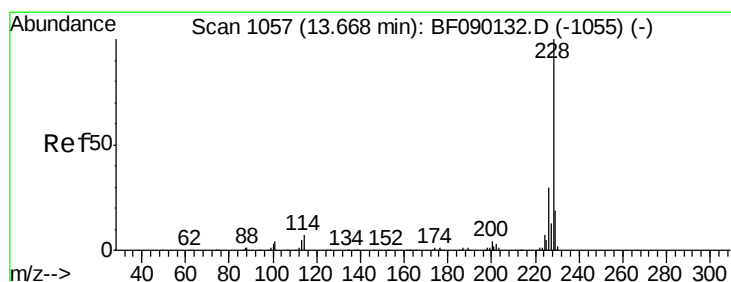
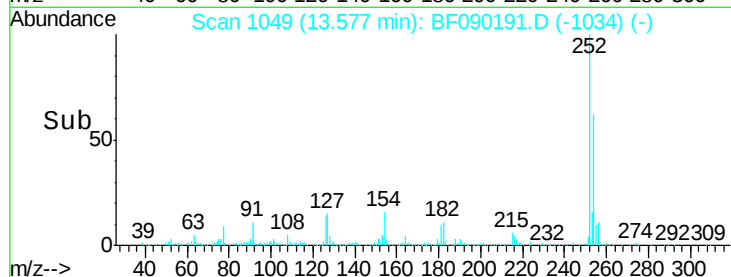
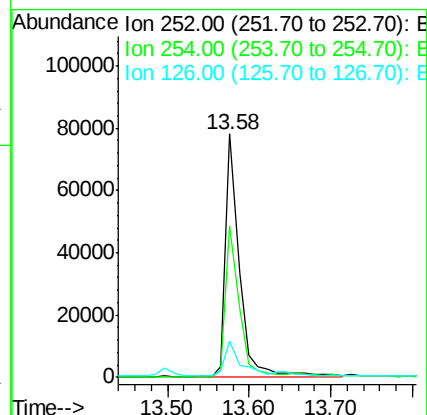
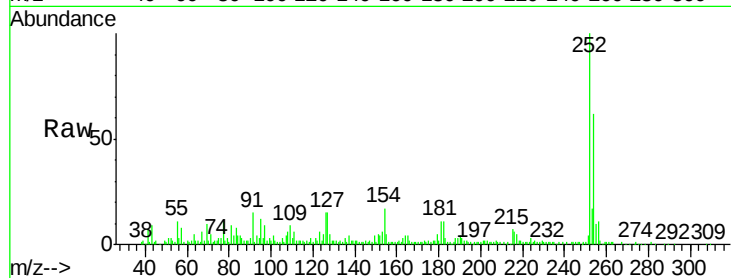




#81
 3,3'-Dichlorobenzidine
 Concen: 16.06 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

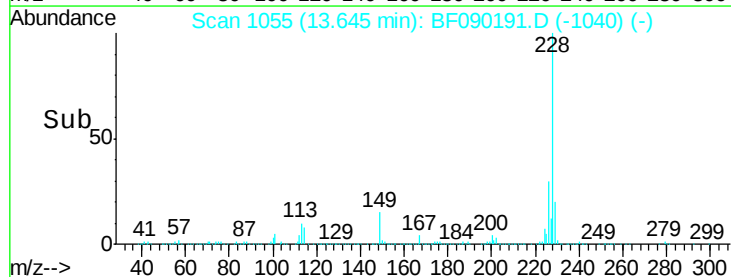
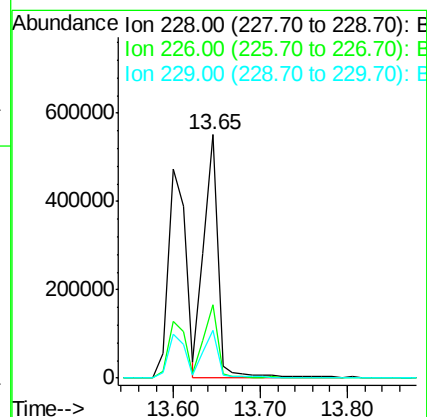
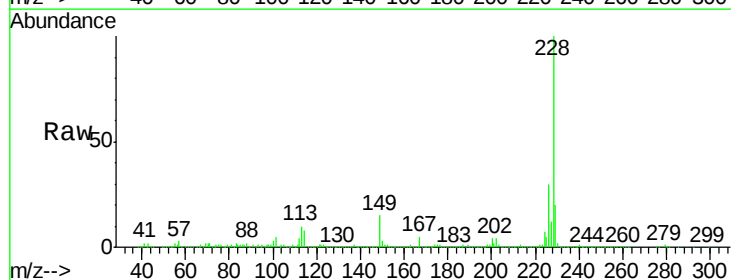
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

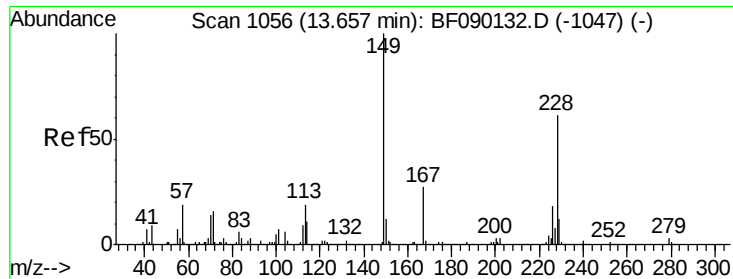
Tgt Ion:252 Resp: 94876
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.7 76.1
 126 15.1 9.2 13.8#



#82
 Chrysene
 Concen: 44.26 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 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

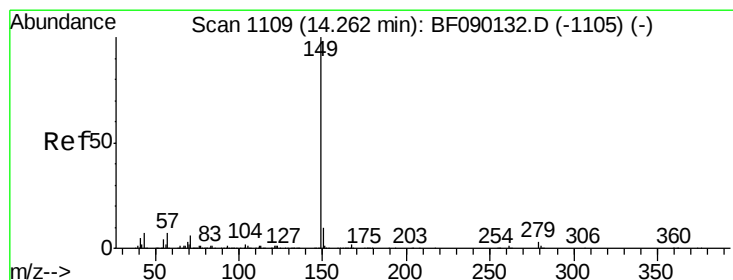
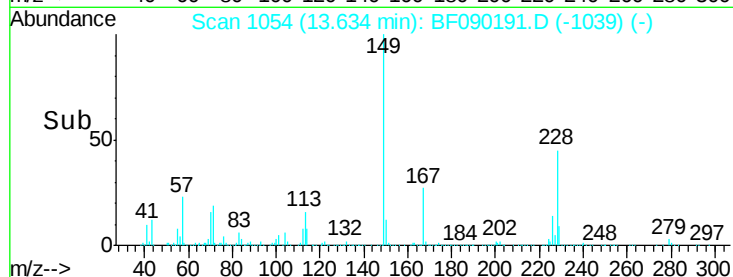
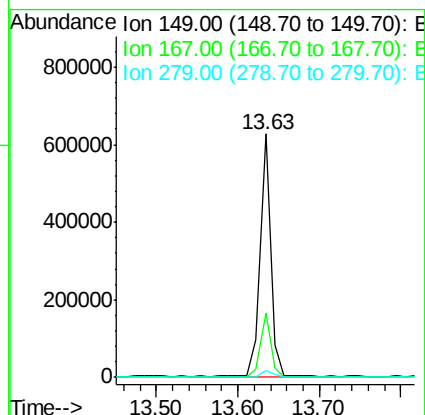
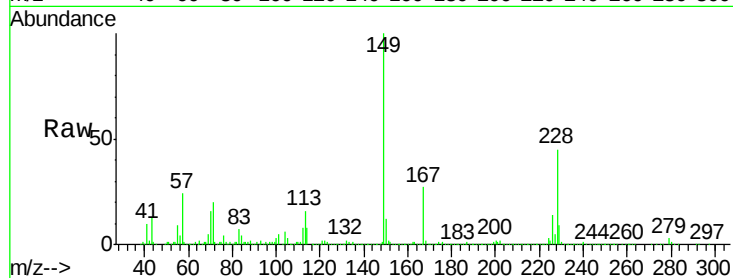




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.55 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

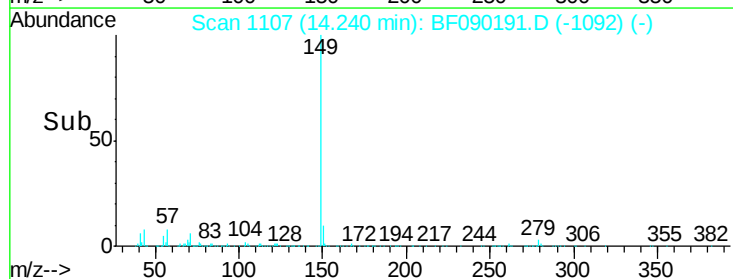
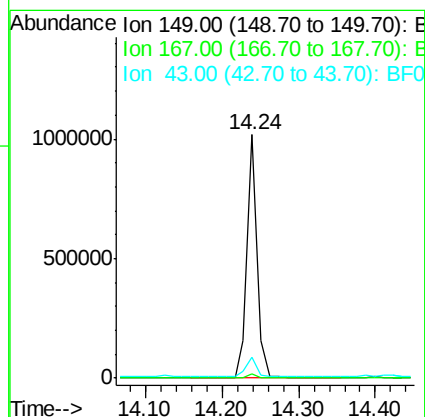
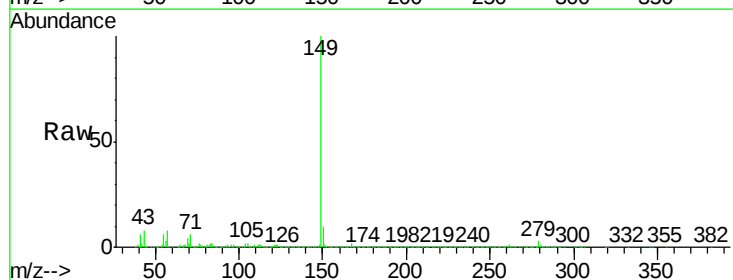
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMS

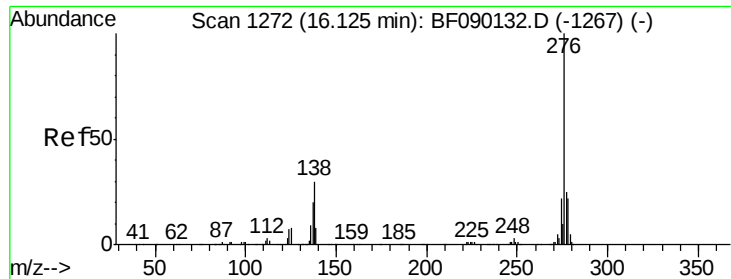
Tgt Ion:149 Resp: 553813
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.2 31.8
 279 2.8 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 46.81 ng
 RT: 14.24 min Scan# 1107
 Delta R.T. -0.02 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

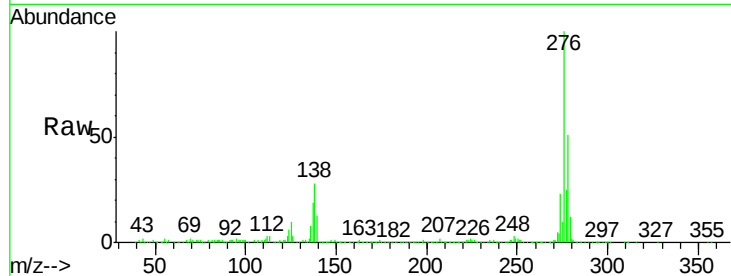




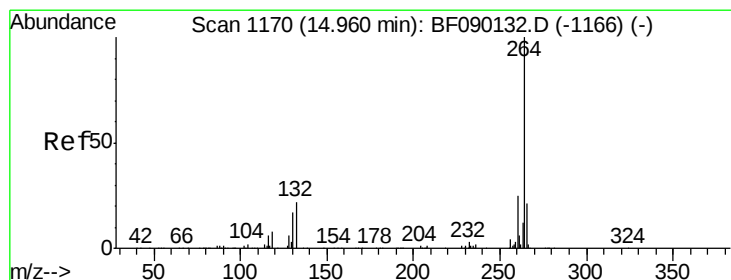
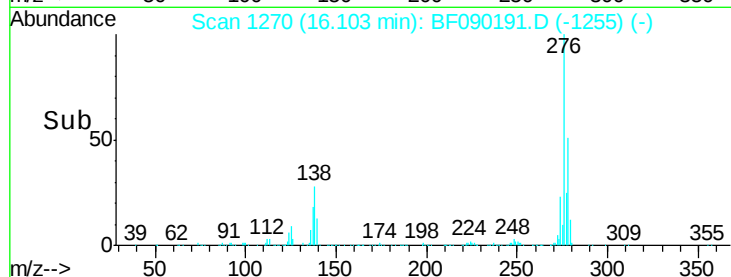
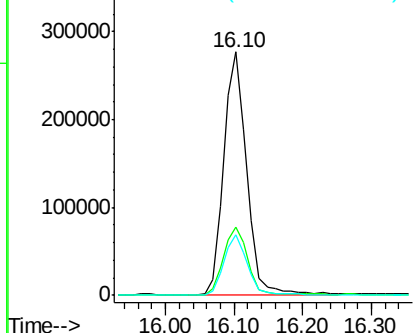
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.08 ng
 RT: 16.10 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.9	38.9
277	24.9	19.9	29.9

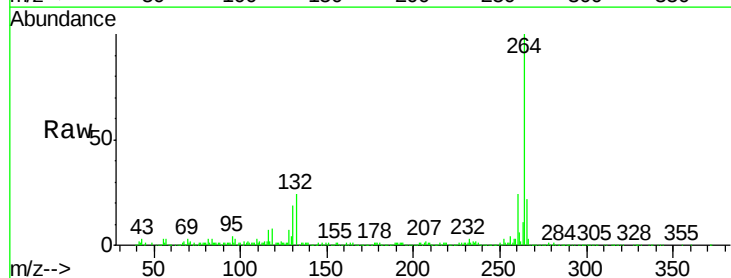


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

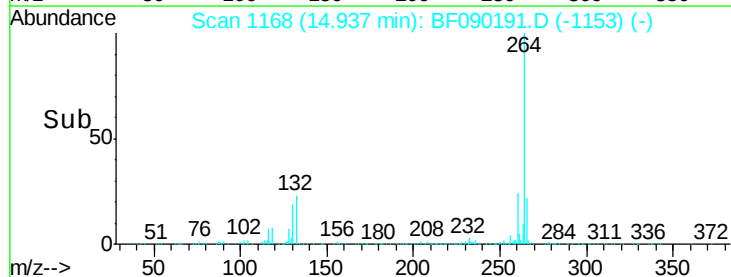
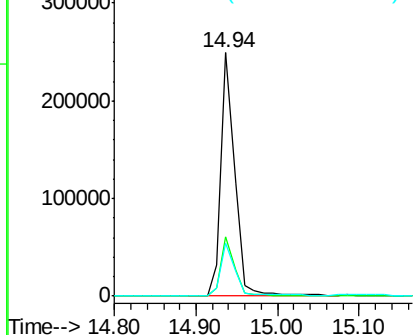


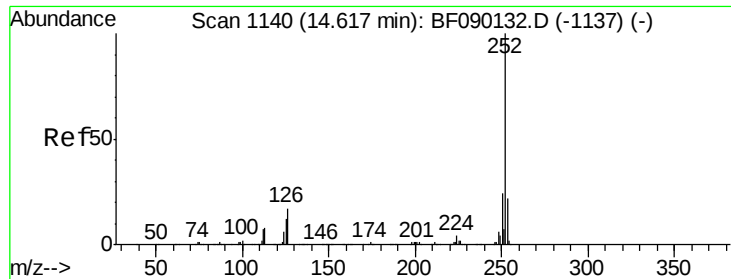
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090191.D
 Acq: 22 Sep 2016 17:12

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: 79.99 ng

RT: 14.59 min Scan# 1138

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

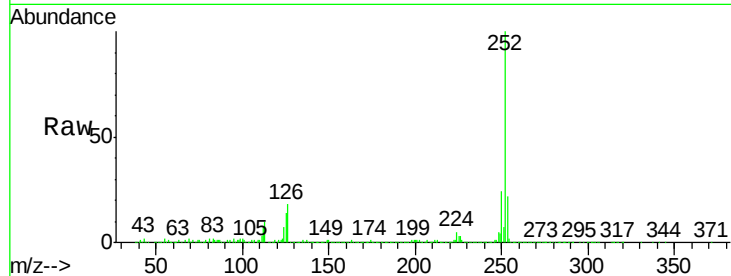
Tgt Ion:252 Resp: 1294857

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

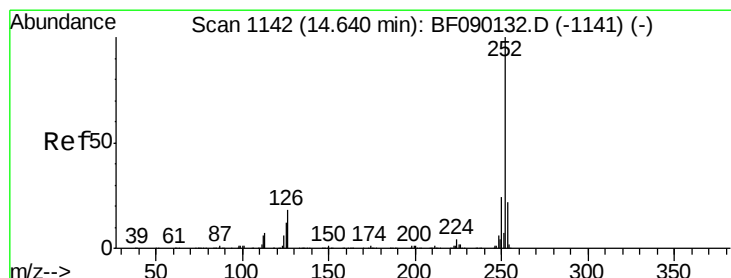
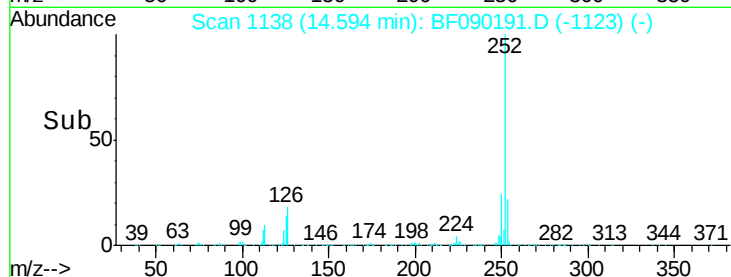
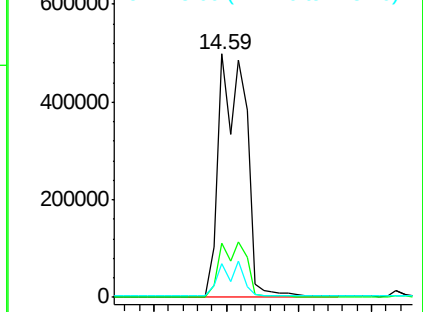
125 14.1 12.7 19.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 85.32 ng

RT: 14.59 min Scan# 1138

Delta R.T. -0.05 min

Lab File: BF090191.D

Acq: 22 Sep 2016 17:12

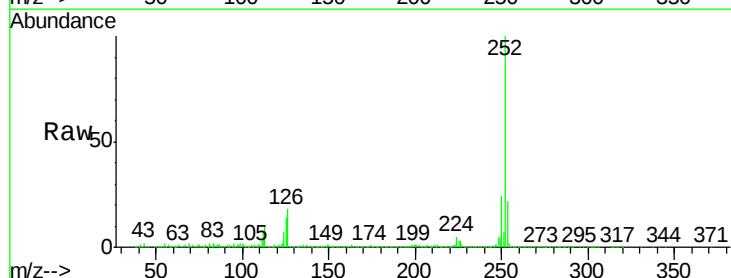
Tgt Ion:252 Resp: 1296250

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

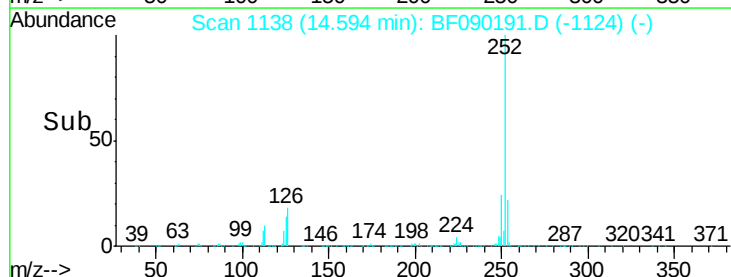
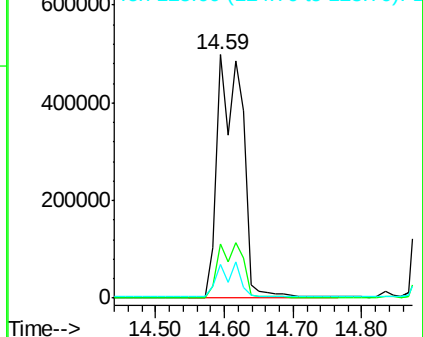
125 14.1 7.8 11.6#

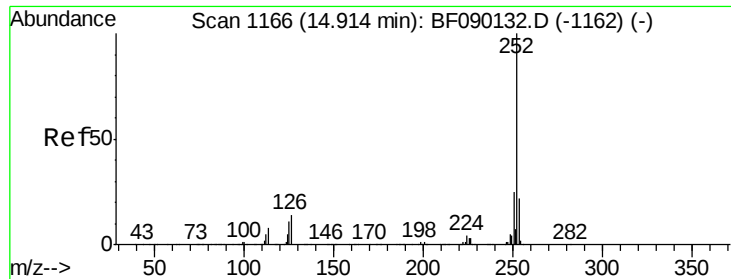


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

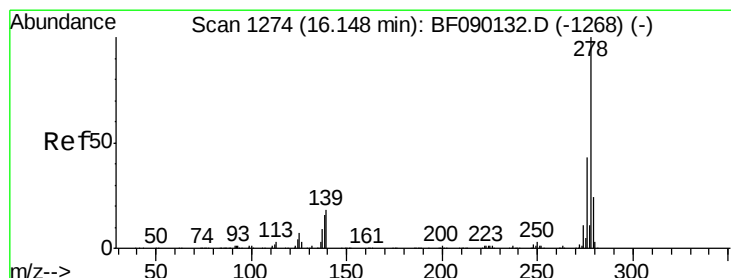
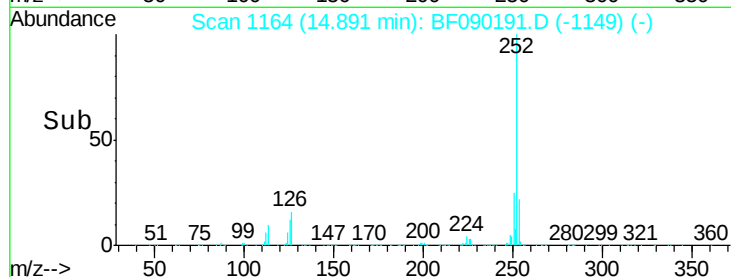
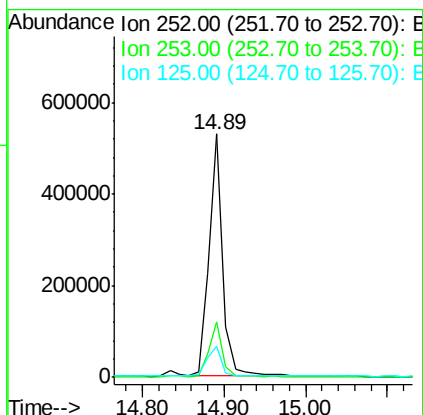
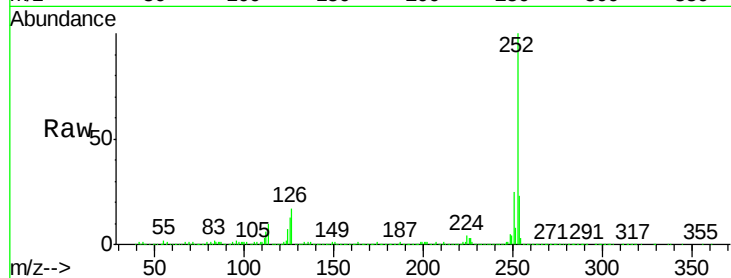




#89
Benzo(a)pyrene
Concen: 41.44 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

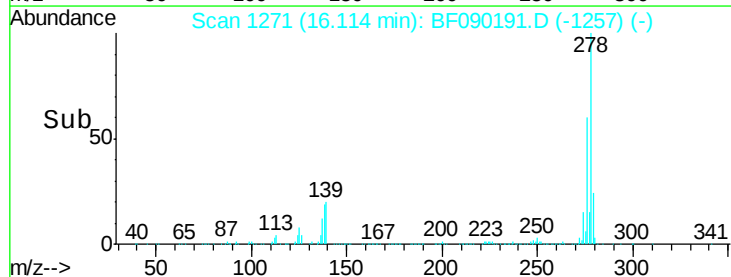
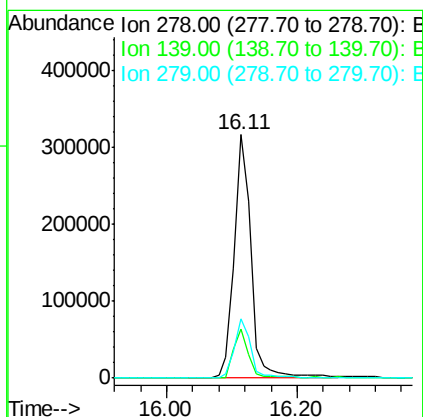
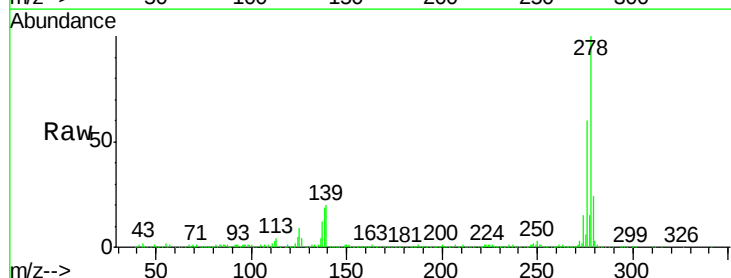
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMS

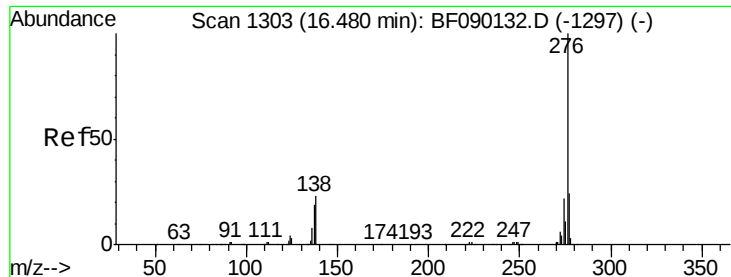
Tgt Ion:252 Resp: 631050
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 13.0 7.7 11.5#



#90
Dibenzo(a,h)anthracene
Concen: 47.06 ng
RT: 16.11 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF090191.D
Acq: 22 Sep 2016 17:12

Tgt Ion:278 Resp: 559240
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: 45.96 ng

RT: 16.45 min Scan# 1300

Delta R.T. -0.03 min

Lab File: BF090191.D

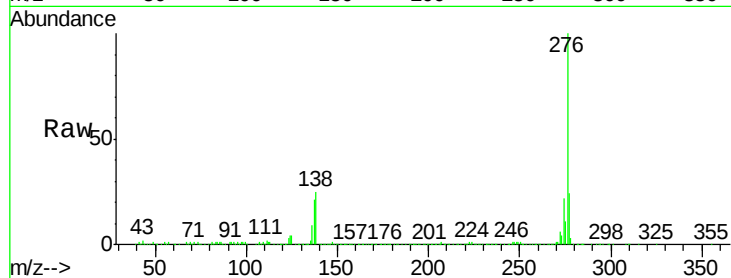
Acq: 22 Sep 2016 17:12

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMS



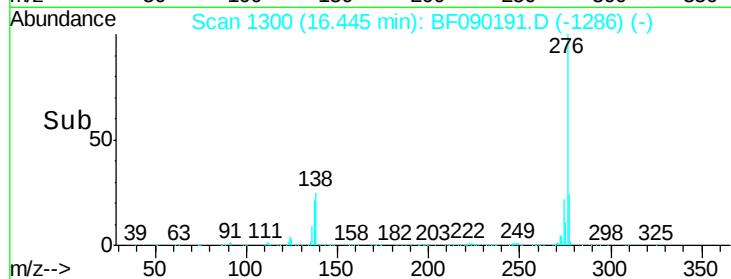
Tgt Ion:276 Resp: 534615

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 24.7 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

