

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
 Data File : BF090184.D
 Acq On : 22 Sep 2016 2:57
 Operator : UM/SJ
 Sample : H4856-16MS 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Quant Time: Sep 22 04:31:33 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	6.66	152	215011	20.00	ng	0.14
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.82
38) Acenaphthene-d10	9.54	164	308784	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	406922	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	318707	20.00	ng	-0.01
86) Perylene-d12	14.95	264	230910	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	508928	38.58	ng	0.00
7) Phenol-d6	6.17	99	627293	38.51	ng	0.00
23) Nitrobenzene-d5	7.08	82	390784	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	122515	46.25	ng	-0.01
44) 2-Fluorobiphenyl	8.88	172	654539	41.61	ng	-0.01
78) Terphenyl-d14	12.59	244	481177	38.33	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.91	88	70759	9.89	ng	97
3) Pyridine	2.52	79	208543	13.44	ng	98
4) n-Nitrosodimethylamine	2.46	42	72882	15.73	ng	94
6) Aniline	6.25	93	205775	10.13	ng	# 38
8) 2-Chlorophenol	6.30	128	194263	12.80	ng	85
9) Benzaldehyde	6.04	77	19143	2.70	ng	98
11) bis(2-Chloroethyl)ether	6.25	93	202739	13.50	ng	97
12) 1,3-Dichlorobenzene	6.52	146	203266	12.82	ng	95
13) 1,4-Dichlorobenzene	6.68	146	183430	11.33	ng	96
14) 1,2-Dichlorobenzene	6.68	146	183430	12.72	ng	99
15) Benzyl Alcohol	6.80	79	84796	8.73	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	6.81	45	224124	12.49	ng	97
17) 2-Methylphenol	6.80	107	149703	12.52	ng	98
18) Hexachloroethane	7.02	117	55681	9.64	ng	93
19) n-Nitroso-di-n-propylamine	6.94	70	118412	12.37	ng	92
20) 3+4-Methylphenols	6.96	107	188485	13.13	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	105354	14.86	ng	97
40) Hexachlorocyclopentadiene	8.66	237	12942	3.70	ng	99
42) 2,4,6-Trichlorophenol	8.80	196	83269	16.49	ng	100
43) 2,4,5-Trichlorophenol	8.84	196	77706	14.86	ng	95
45) 1,1'-Biphenyl	8.97	154	370124	16.75	ng	98
46) 2-Chloronaphthalene	8.99	162	325114	19.95	ng	99
47) 2-Nitroaniline	9.10	65	100370	20.43	ng	88
48) Acenaphthylene	9.40	152	502822	19.00	ng	98
49) Dimethylphthalate	9.28	163	470977	23.95	ng	98
50) 2,6-Dinitrotoluene	9.34	165	65246	14.88	ng	89
51) Acenaphthene	9.58	154	298480	19.00	ng	98
52) 3-Nitroaniline	9.51	138	75469	14.68	ng	93
53) 2,4-Dinitrophenol	9.62	184	1272	3.65	ng	# 8
54) Dibenzofuran	9.75	168	437990	21.18	ng	98
55) 4-Nitrophenol	9.69	139	84441	23.98	ng	100
56) 2,4-Dinitrotoluene	9.74	165	77384	14.93	ng	99
57) Fluorene	10.08	166	304354	19.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	72837	18.60	ng	95

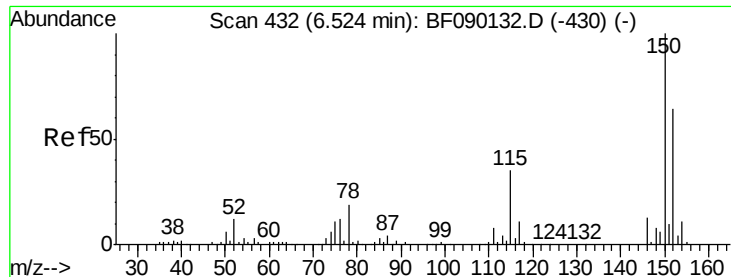
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	9.98	149	331828	17.47	ng	99
60) 4-Chlorophenyl-phenylether	10.09	204	136965	19.28	ng #	77
61) 4-Nitroaniline	10.11	138	72255	13.79	ng	99
62) Azobenzene	10.24	77	363037	18.36	ng	98
65) n-Nitrosodiphenylamine	10.20	169	279569	20.89	ng	98
66) 4-Bromophenyl-phenylether	10.57	248	80262	20.04	ng	96
67) Hexachlorobenzene	10.63	284	85273	18.27	ng	95
68) Atrazine	10.74	200	76260	20.80	ng	99
69) Pentachlorophenol	10.82	266	84387	31.86	ng	97
70) Phenanthrene	11.03	178	390146	20.50	ng	99
71) Anthracene	11.08	178	428023	21.44	ng	99
72) Carbazole	11.24	167	413149	19.58	ng	98
73) Di-n-butylphthalate	11.60	149	540287	22.02	ng #	97
74) Fluoranthene	12.21	202	433282	21.21	ng	98
77) Pyrene	12.43	202	452325	20.74	ng	98
79) Butylbenzylphthalate	13.07	149	287819	26.98	ng #	80
80) Benzo(a)anthracene	13.61	228	331950	19.36	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	37442	5.29	ng #	98
82) Chrysene	13.65	228	297460	17.81	ng	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	270100	19.79	ng #	99
84) Di-n-octyl phthalate	14.25	149	502541	21.37	ng #	98
85) Indeno(1,2,3-cd)pyrene	16.13	276	224805	16.65	ng	96
87) Benzo(b)fluoranthene	14.63	252	527904	41.29	ng	98
88) Benzo(k)fluoranthene	14.63	252	528805	44.07	ng #	96
89) Benzo(a)pyrene	14.90	252	232128	19.30	ng #	96
90) Dibenzo(a,h)anthracene	16.14	278	192760	20.54	ng	99
91) Benzo(g,h,i)perylene	16.47	276	186746	20.33	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF090184.D

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Instrument :

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ClientSampleId :

SS-3MS

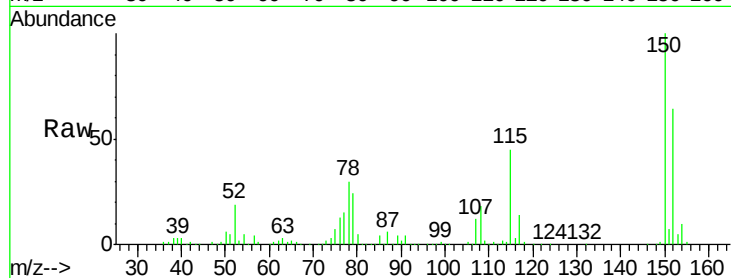
Tgt Ion:152 Resp: 215011

Ion Ratio Lower Upper

152 100

150 157.4 128.9 193.3

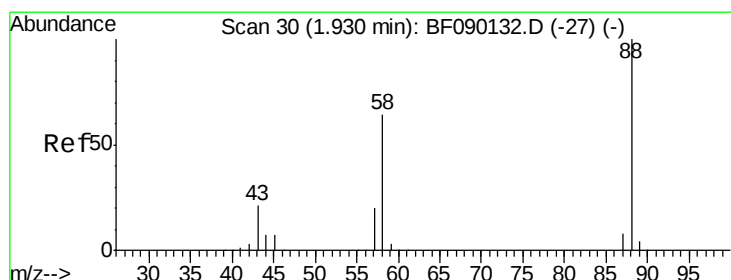
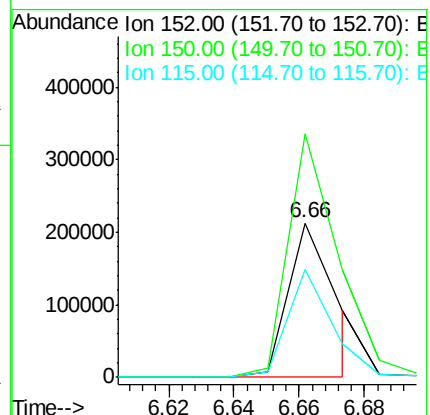
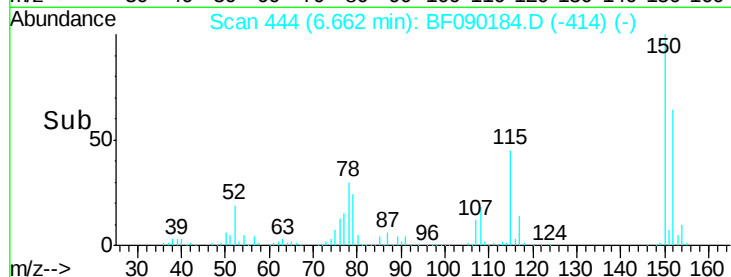
115 70.2 55.5 83.3



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: 9.89 ng

RT: 1.91 min Scan# 28

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

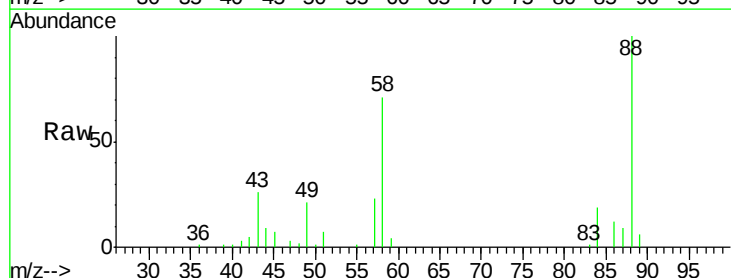
Tgt Ion: 88 Resp: 70759

Ion Ratio Lower Upper

88 100

58 65.1 53.4 80.0

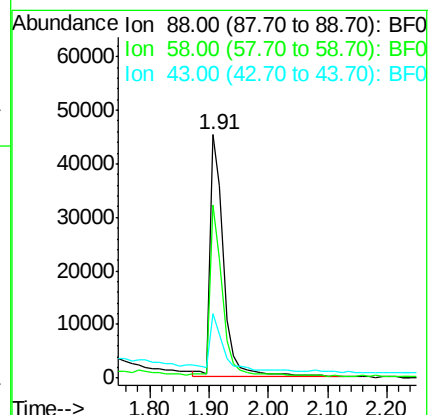
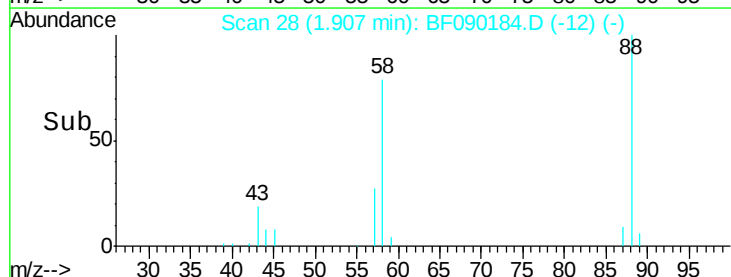
43 24.1 16.5 24.7

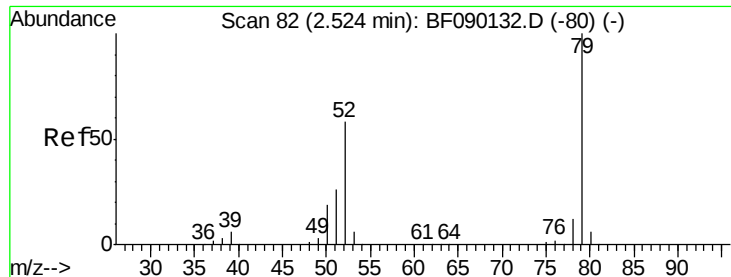


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.44 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

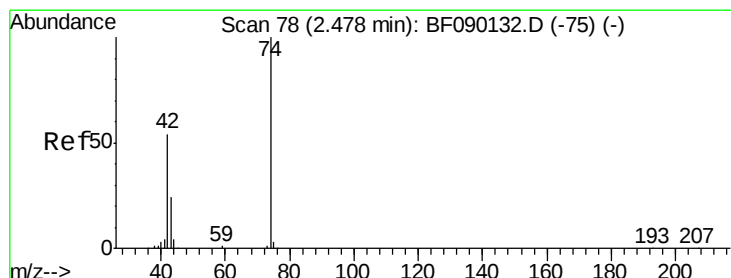
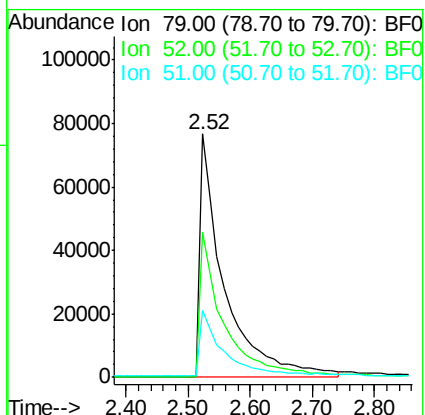
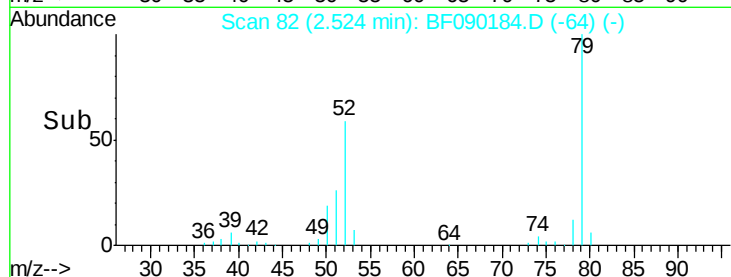
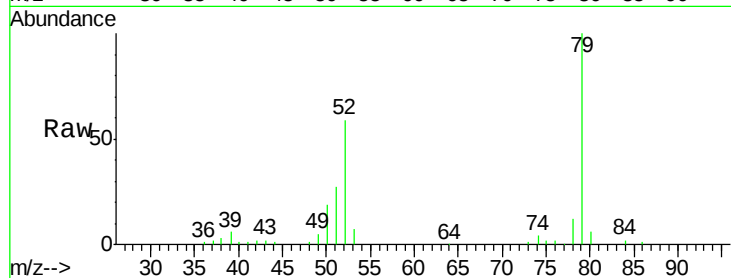
Tgt Ion: 79 Resp: 208543

Ion Ratio Lower Upper

79 100

52 59.3 45.9 68.9

51 27.3 21.3 31.9



#4

n-Nitrosodimethylamine

Concen: 15.73 ng

RT: 2.46 min Scan# 76

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

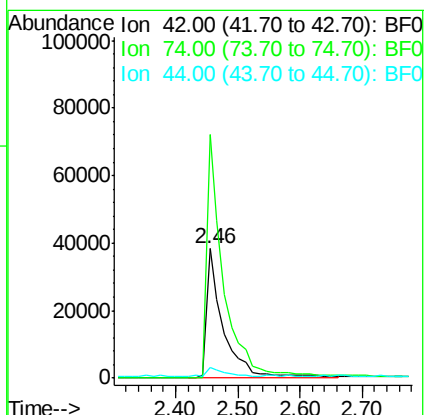
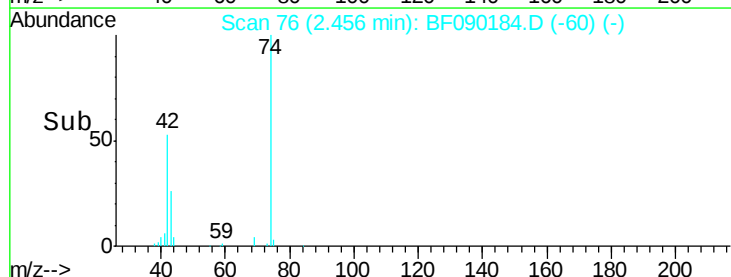
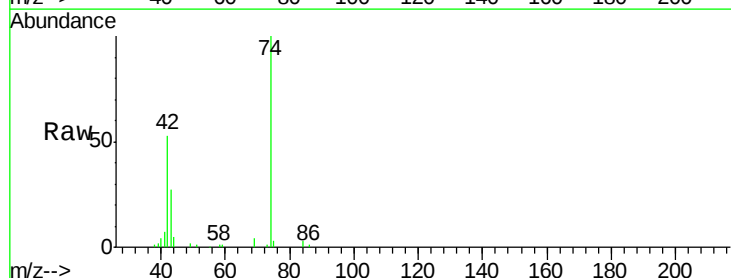
Tgt Ion: 42 Resp: 72882

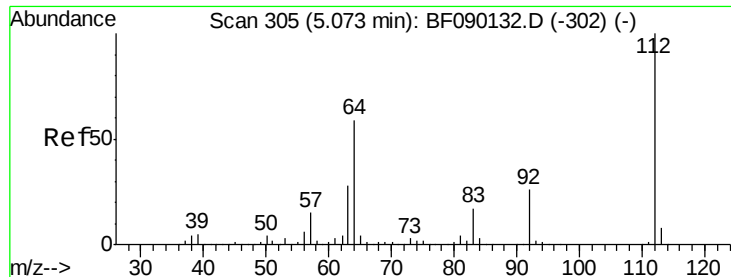
Ion Ratio Lower Upper

42 100

74 188.6 158.7 238.1

44 8.7 6.4 9.6





#5

2-Fluorophenol

Concen: 38.58 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

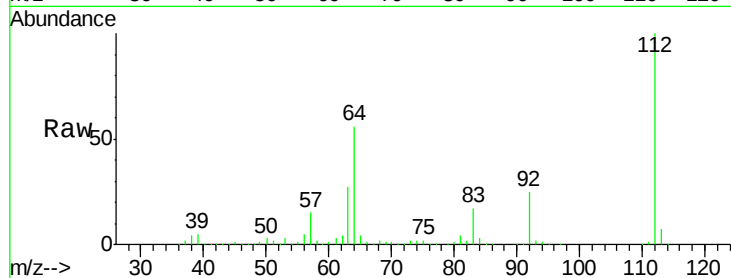
Instrument :

BNA_F

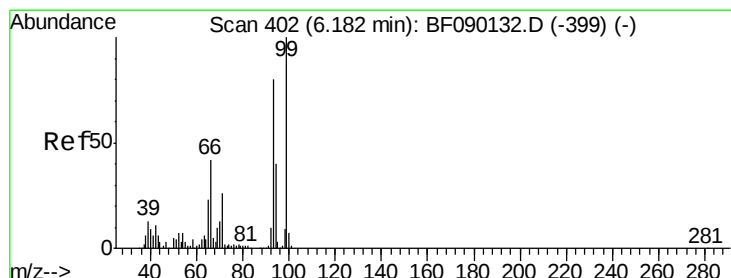
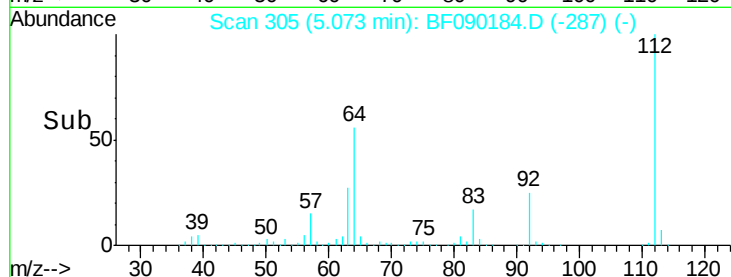
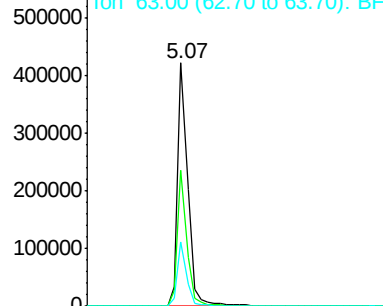
ClientSampleId :

SS-3MS

Tgt Ion:	112	Resp:	508928
Ion Ratio	Lower	Upper	
112	100		
64	55.9	39.8	59.6
63	26.6	18.9	28.3



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 10.13 ng

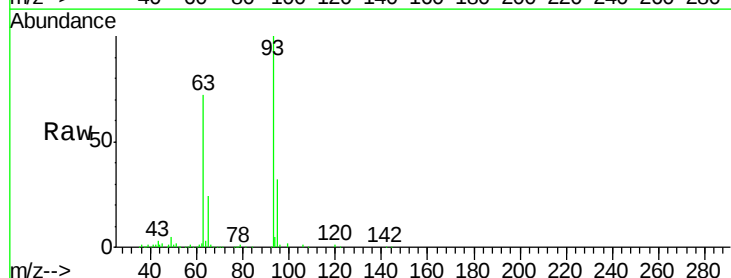
RT: 6.25 min Scan# 408

Delta R.T. 0.07 min

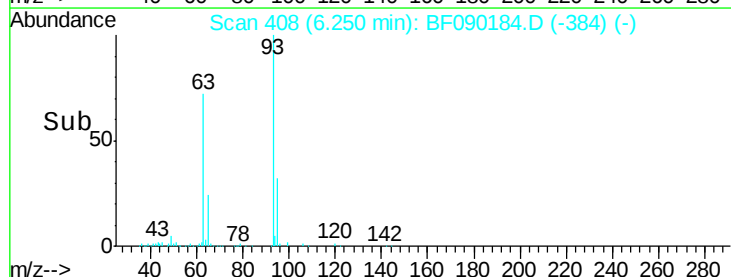
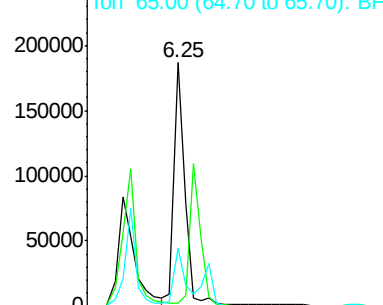
Lab File: BF090184.D

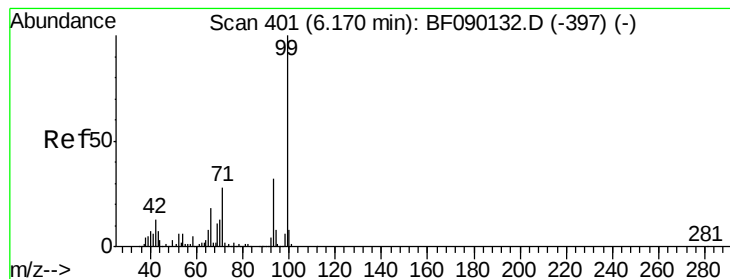
Acq: 22 Sep 2016 2:57

Tgt Ion:	93	Resp:	205775
Ion Ratio	Lower	Upper	
93	100		
66	1.4	54.2	81.2#
65	24.1	33.8	50.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 38.51 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

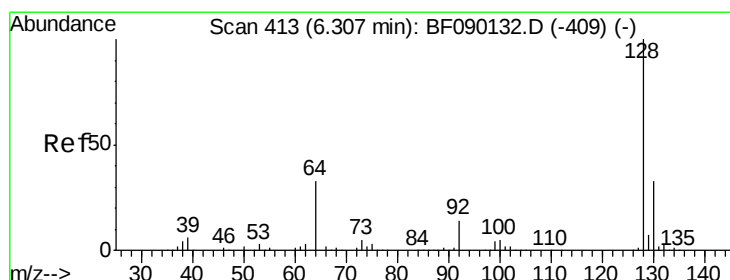
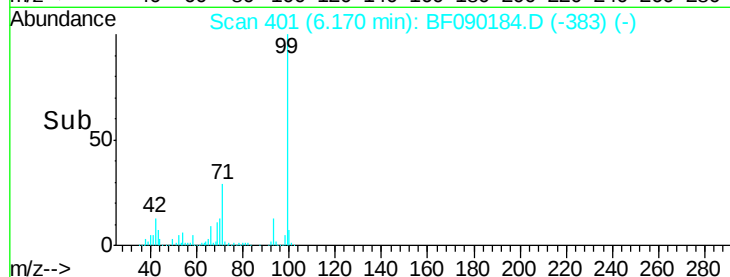
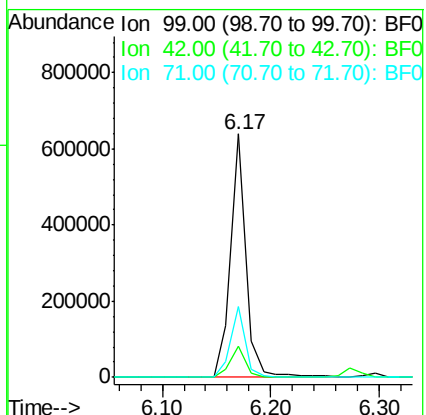
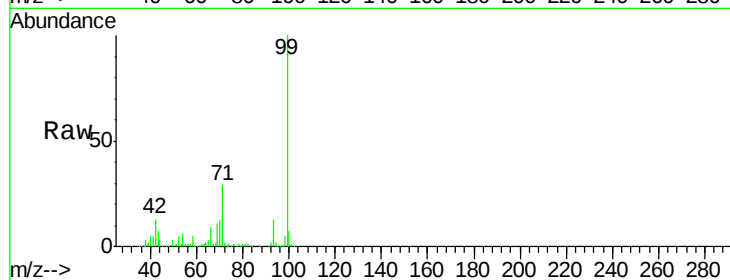
Tgt Ion: 99 Resp: 627293

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

71 28.9 23.0 34.6



#8

2-Chlorophenol

Concen: 12.80 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

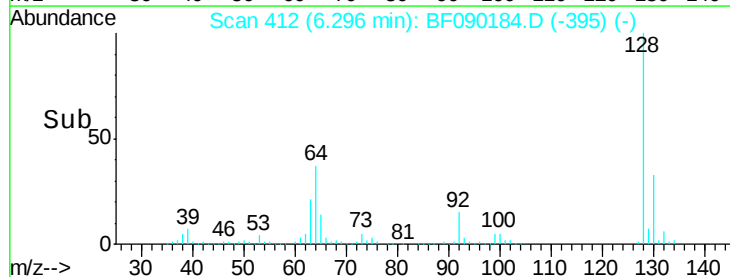
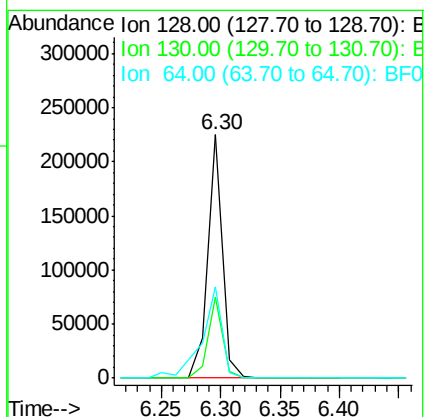
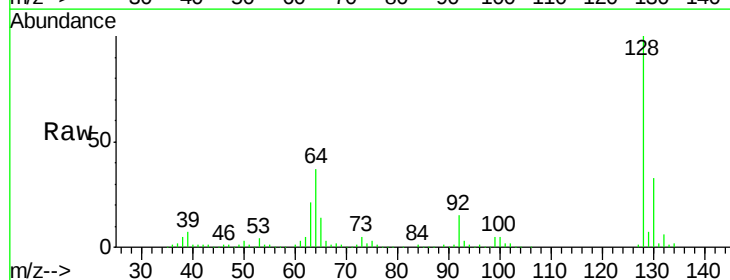
Tgt Ion: 128 Resp: 194263

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 37.3 33.6 73.6





#9

Benzaldehyde

Concen: 2.70 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

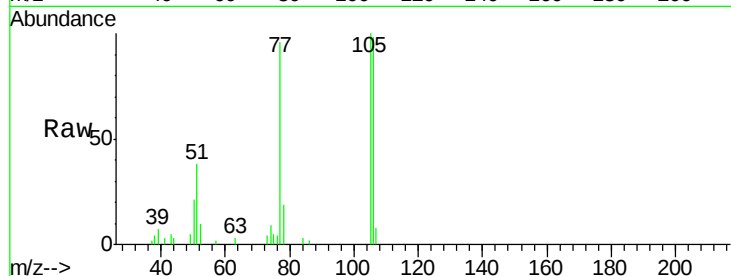
Tgt Ion: 77 Resp: 19143

Ion Ratio Lower Upper

77 100

105 104.1 83.0 123.0

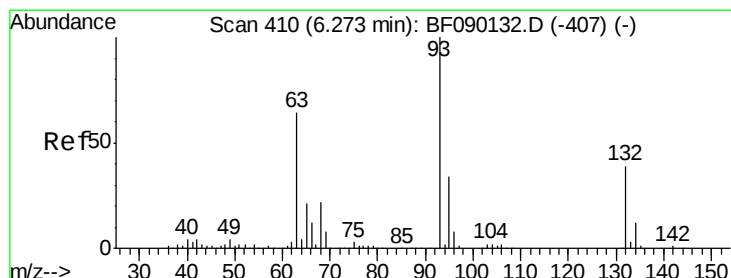
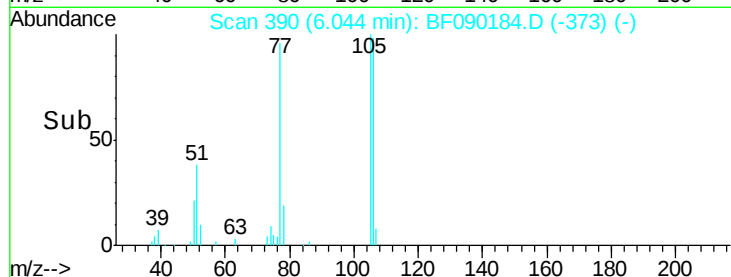
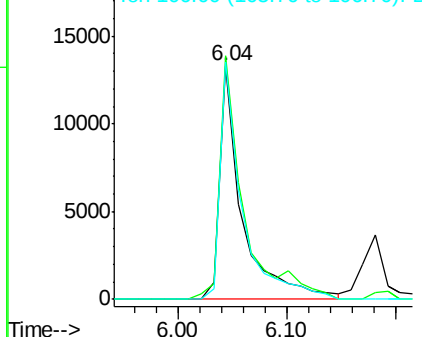
106 101.6 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 13.50 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

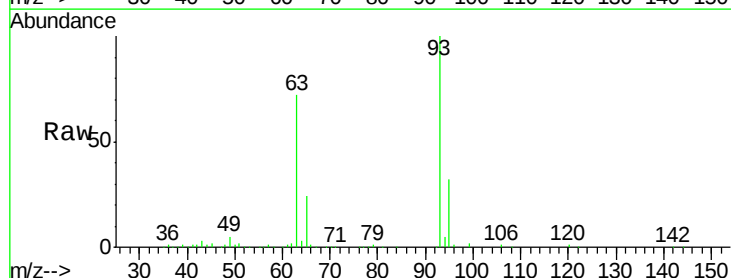
Tgt Ion: 93 Resp: 202739

Ion Ratio Lower Upper

93 100

63 72.4 55.6 95.6

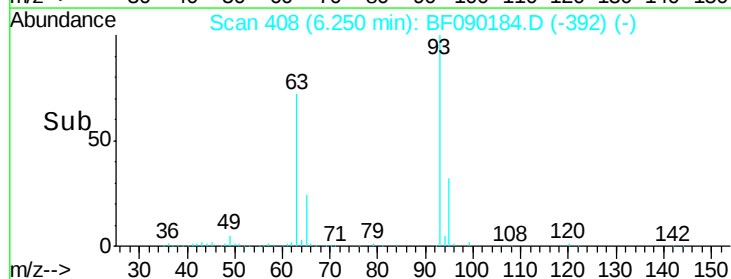
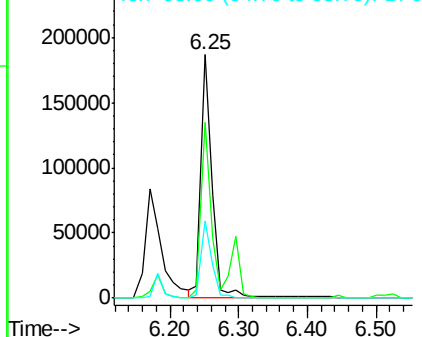
95 31.9 12.6 52.6

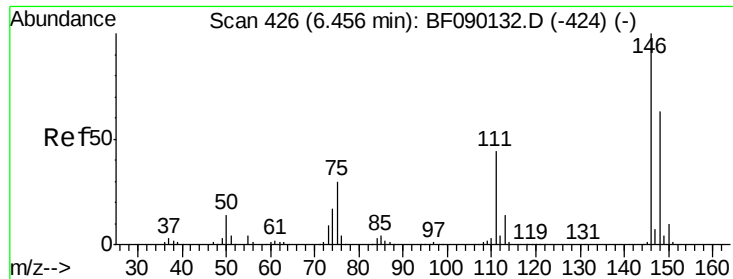


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 12.82 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.07 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

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ClientSampleId :

SS-3MS

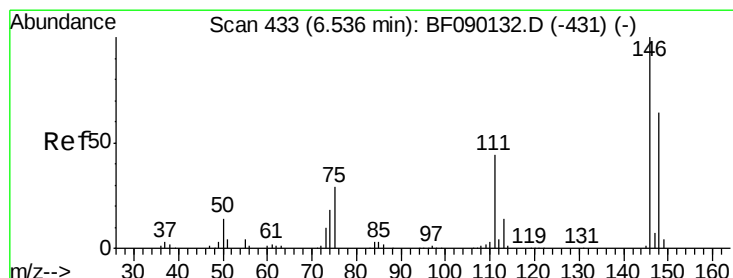
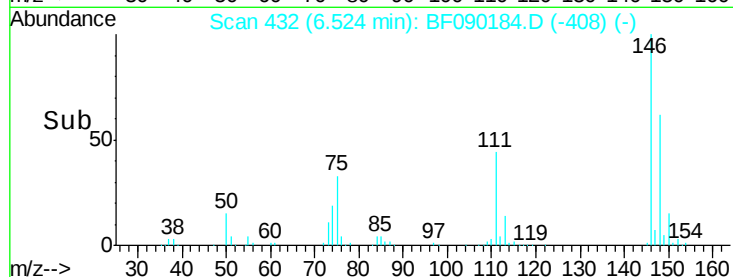
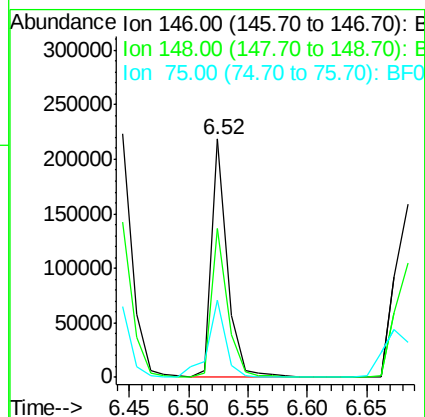
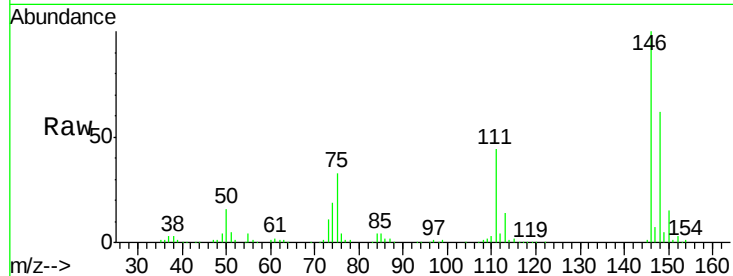
Tgt Ion:146 Resp: 203266

Ion Ratio Lower Upper

146 100

148 62.4 51.9 77.9

75 32.6 22.8 34.2



#13

1,4-Dichlorobenzene

Concen: 11.33 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.15 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

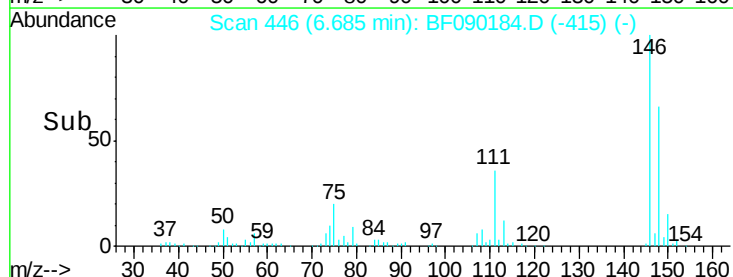
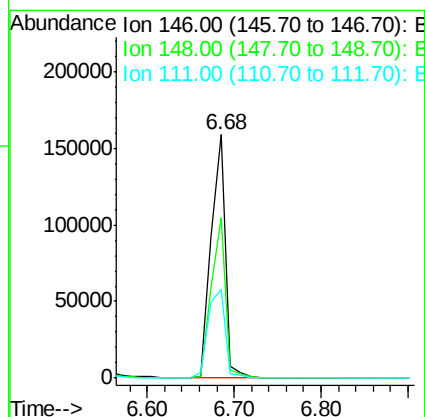
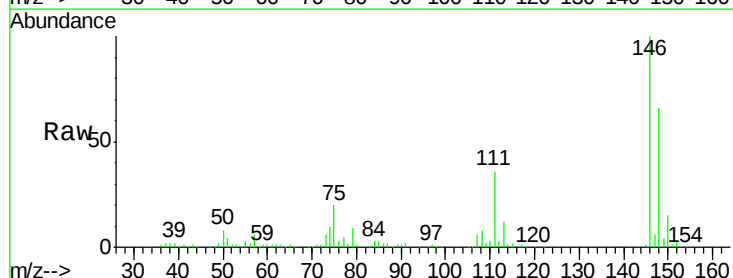
Tgt Ion:146 Resp: 183430

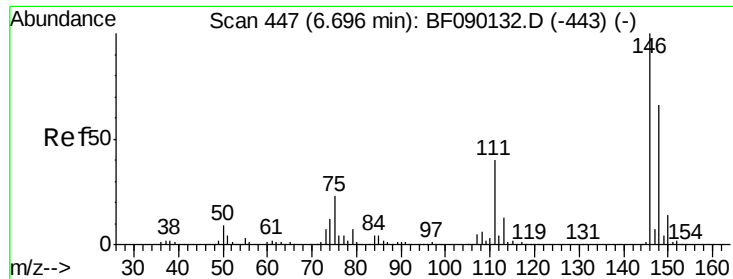
Ion Ratio Lower Upper

146 100

148 65.6 52.0 78.0

111 36.4 33.8 50.6





#14

1,2-Dichlorobenzene

Concen: 12.72 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

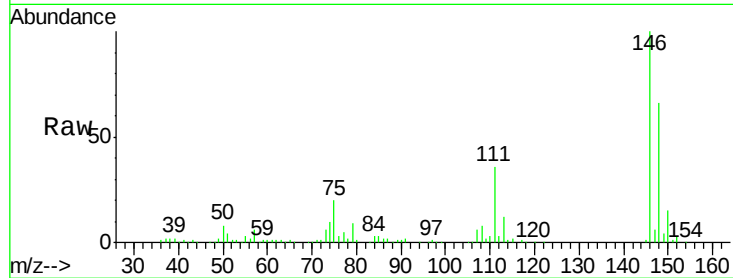
Tgt Ion:146 Resp: 183430

Ion Ratio Lower Upper

146 100

148 65.6 52.6 79.0

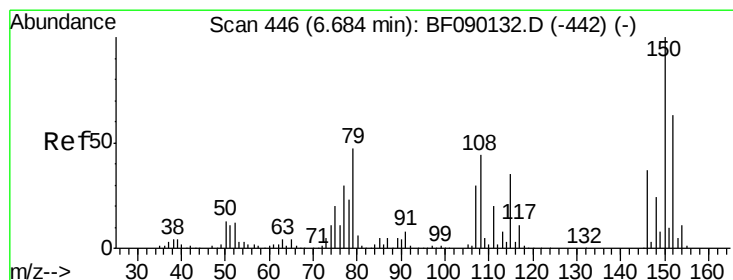
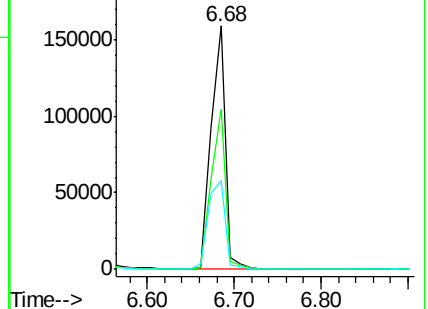
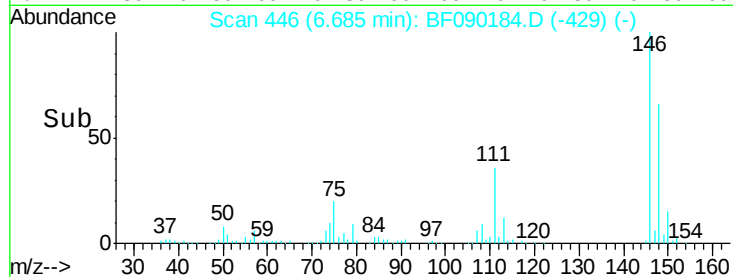
111 36.4 28.2 42.2



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: 8.73 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

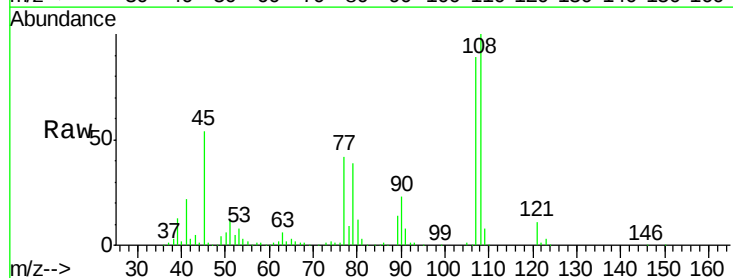
Tgt Ion: 79 Resp: 84796

Ion Ratio Lower Upper

79 100

108 255.8 62.2 93.4#

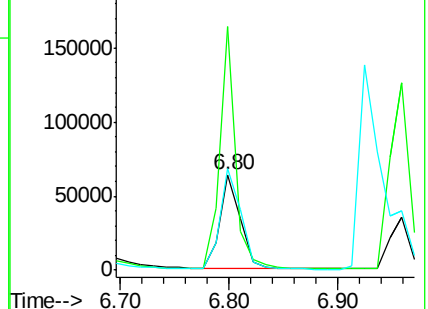
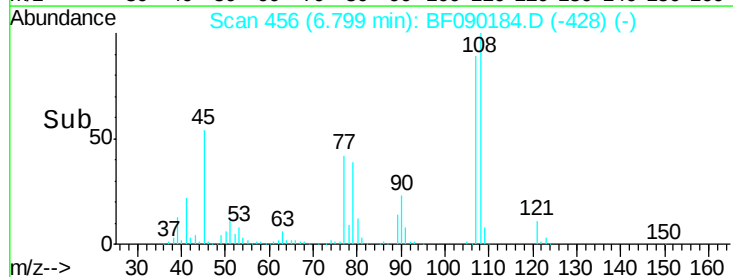
77 106.3 51.4 77.0#

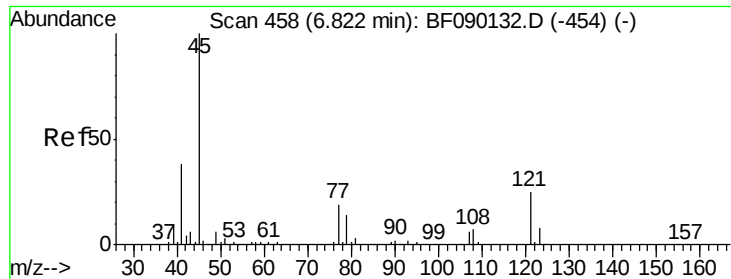


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

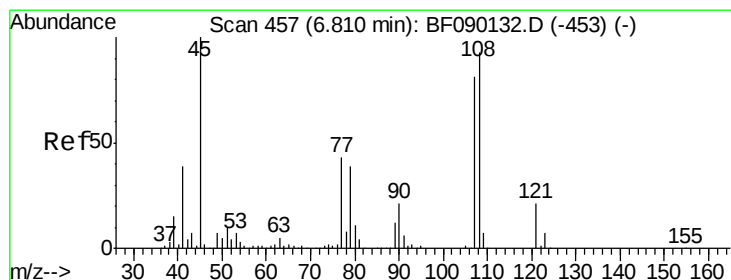
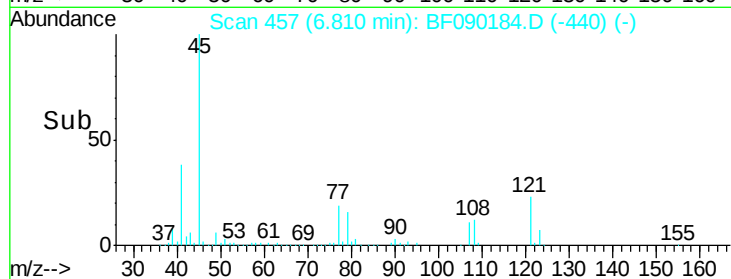
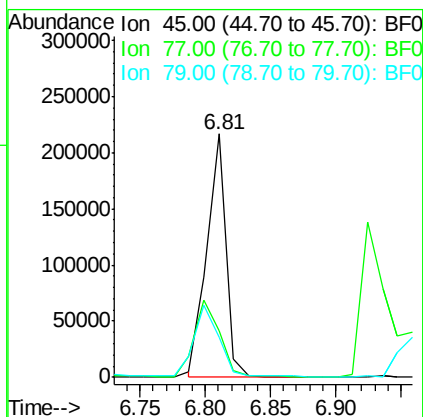
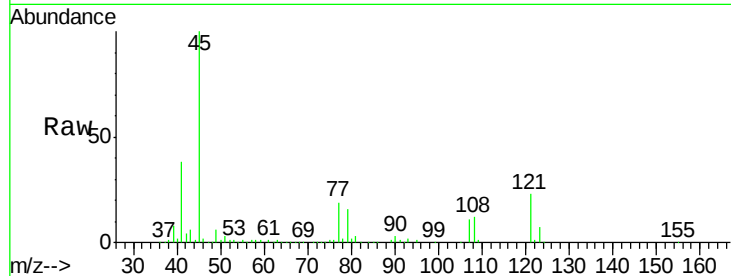




#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.49 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

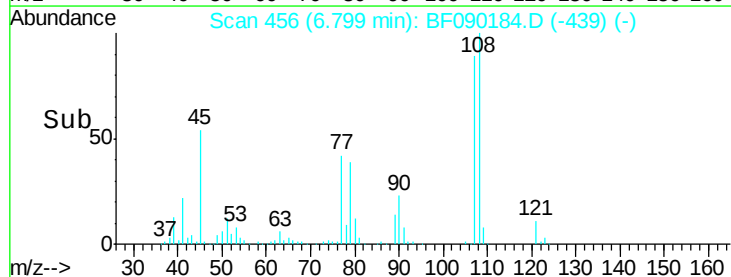
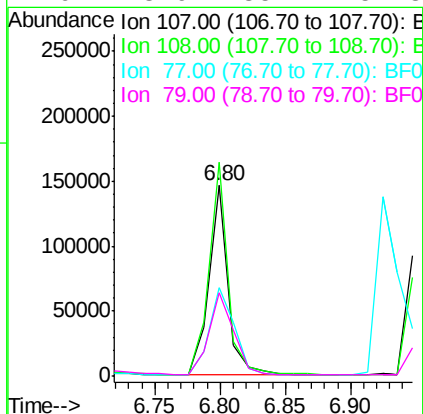
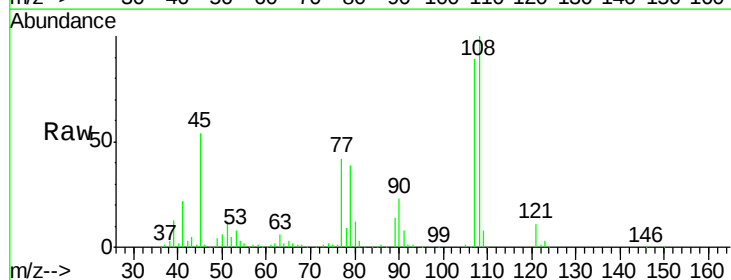
Instrument :
BNA_F
ClientSampled :
SS-3MS

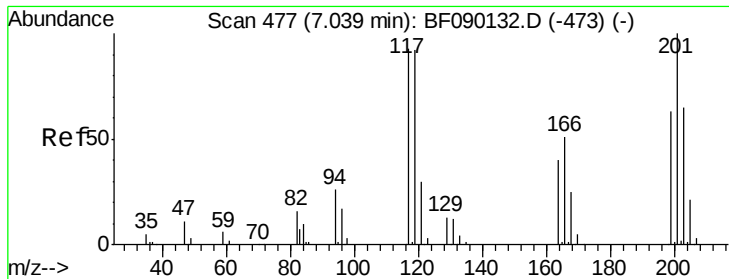
Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.5	40.5
79	16.3	0.0	37.0



#17
2-Methylphenol
Concen: 12.52 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.2	92.0	138.0
77	46.6	35.6	53.4
79	43.9	35.2	52.8

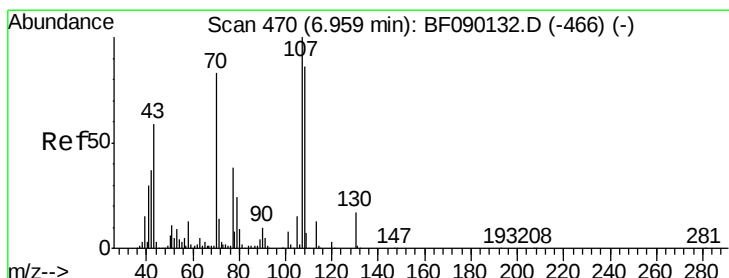
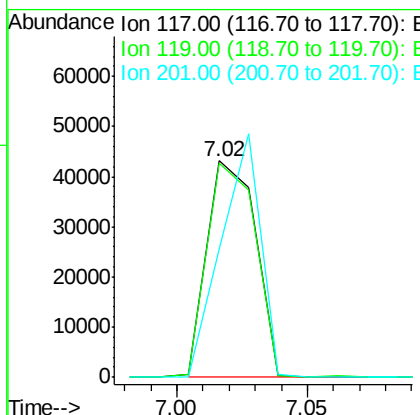
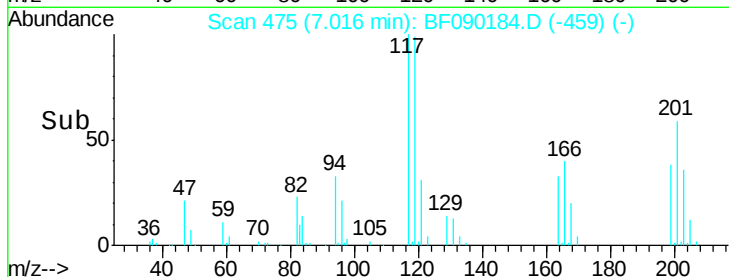
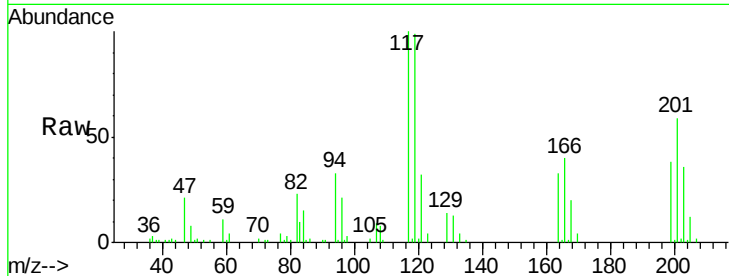




#18
Hexachloroethane
Concen: 9.64 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

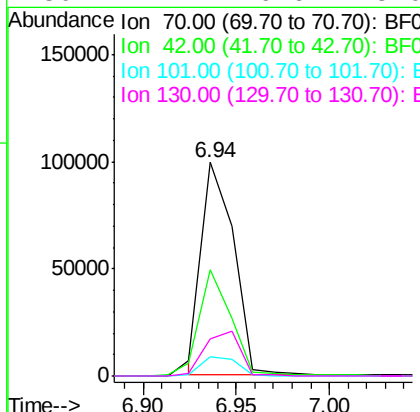
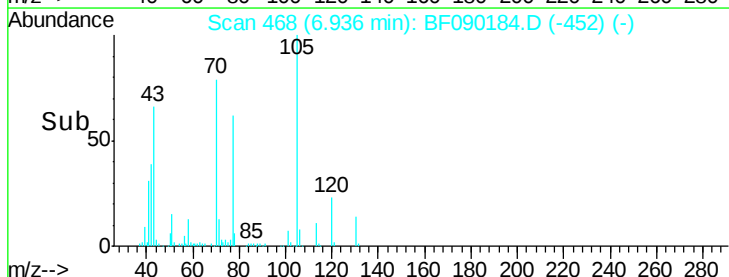
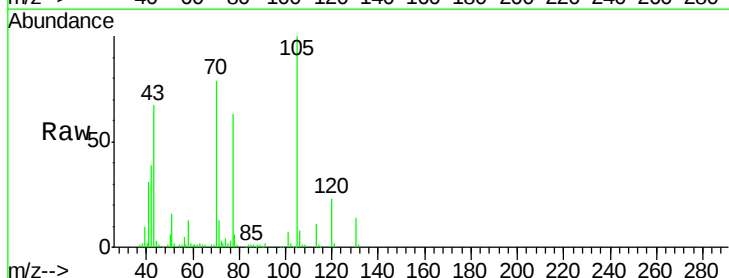
Instrument :
BNA_F
ClientSampleId :
SS-3MS

Tgt Ion: 117 Resp: 55681
Ion Ratio Lower Upper
117 100
119 99.0 76.6 115.0
201 59.3 55.5 83.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.37 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Tgt Ion: 70 Resp: 118412
Ion Ratio Lower Upper
70 100
42 49.7 35.1 52.7
101 8.8 7.5 11.3
130 17.1 16.6 25.0





#20

3+4-Methylphenols

Concen: 13.13 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

Tgt Ion: 107 Resp: 188485

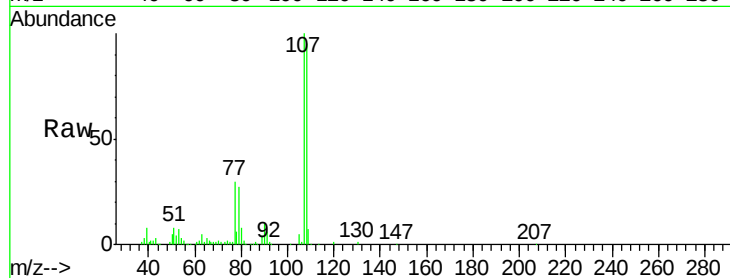
Ion Ratio Lower Upper

107 100

108 95.2 73.3 113.3

77 30.1 14.1 54.1

79 26.8 7.5 47.5

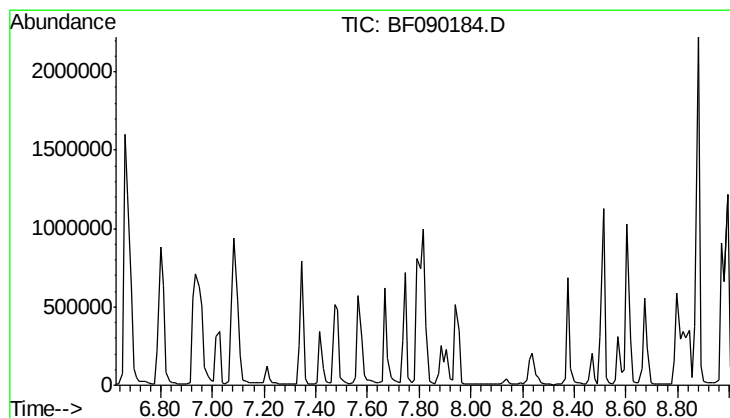
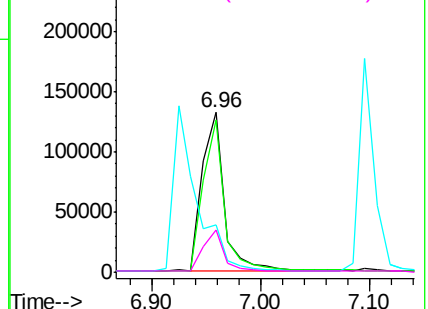
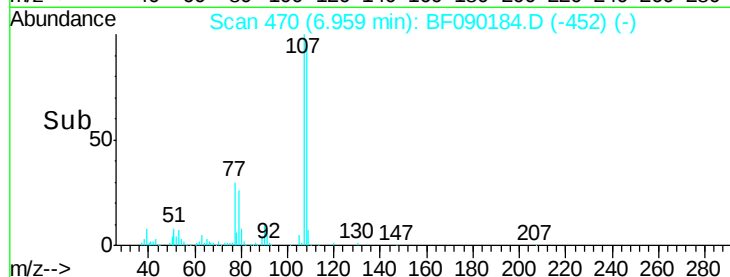


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 7.82 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Tgt Ion: 136

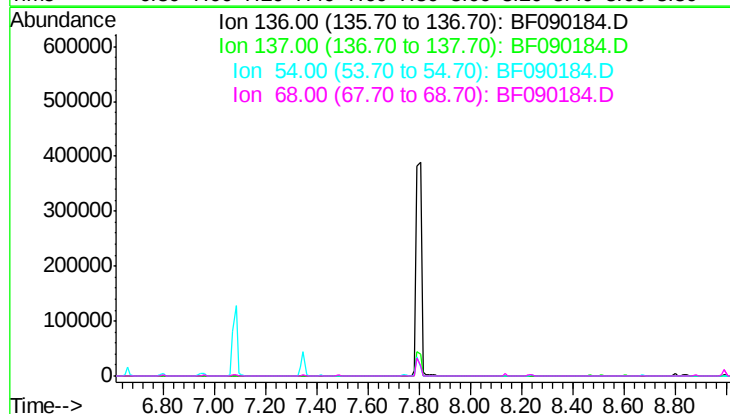
Sig Exp Ratio

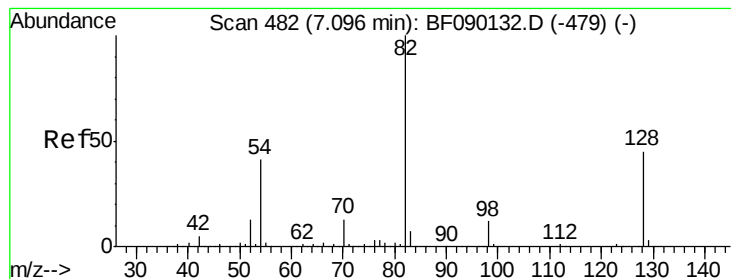
136 100

137 11.2

54 8.0

68 7.9





#23

Nitrobenzene-d5

Concen: 0.00 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

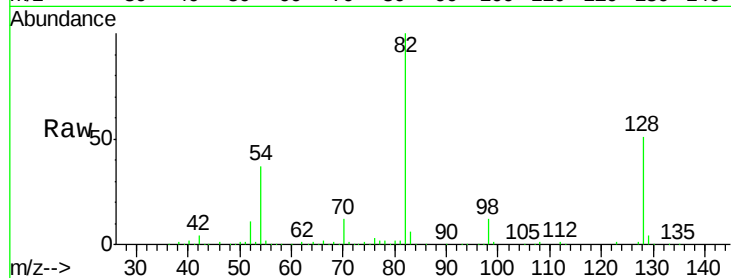
Tgt Ion: 82 Resp: 390784

Ion Ratio Lower Upper

82 100

128 50.6 37.5 56.3

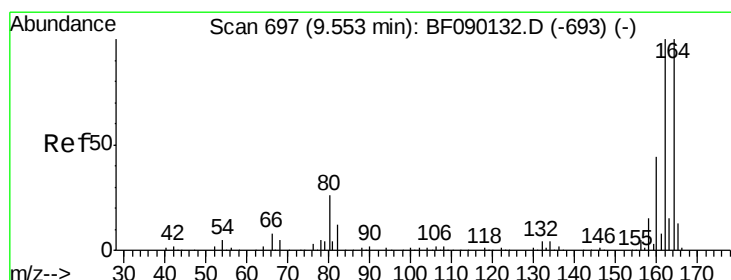
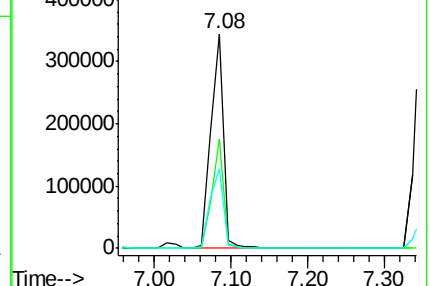
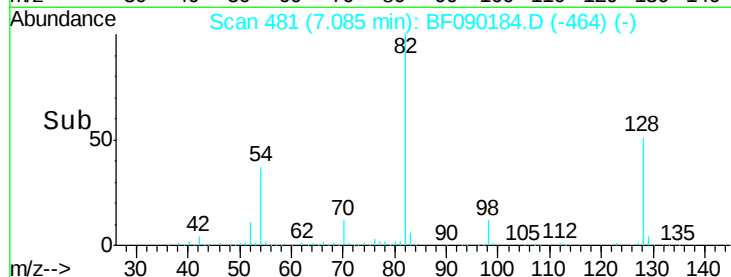
54 37.2 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

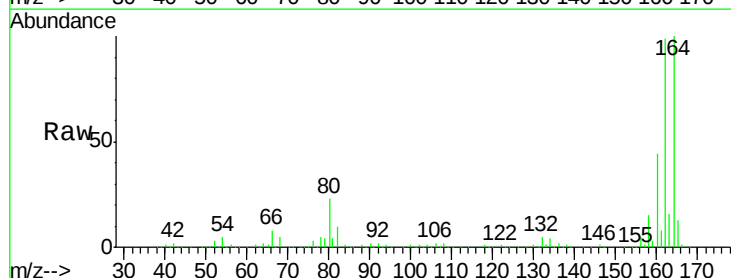
Tgt Ion: 164 Resp: 308784

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.2

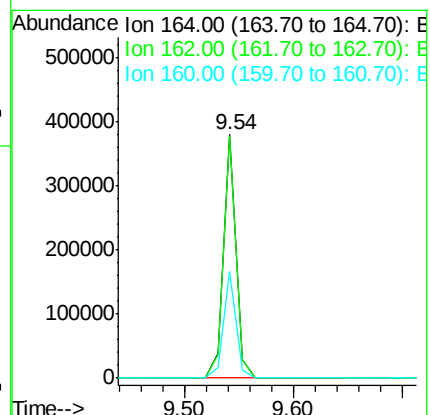
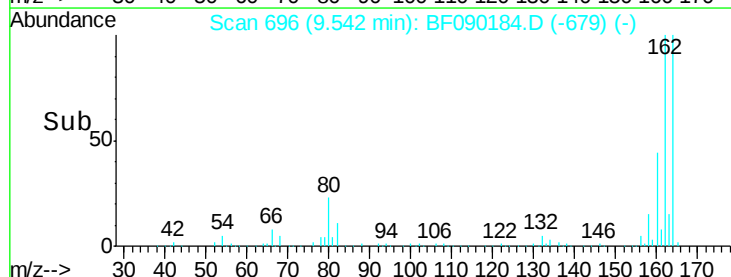
160 44.0 36.6 54.8

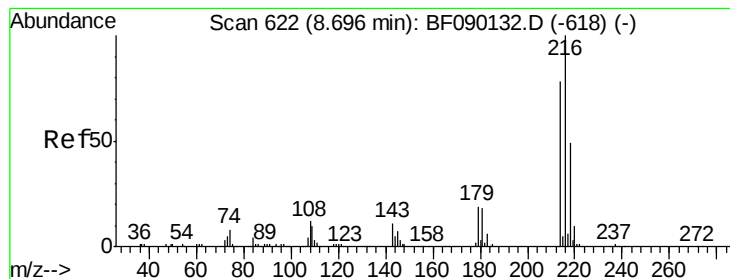


Abundance Ion 164.00 (163.70 to 164.70): E

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: 14.86 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampled :

SS-3MS

Tgt Ion:216 Resp: 105354

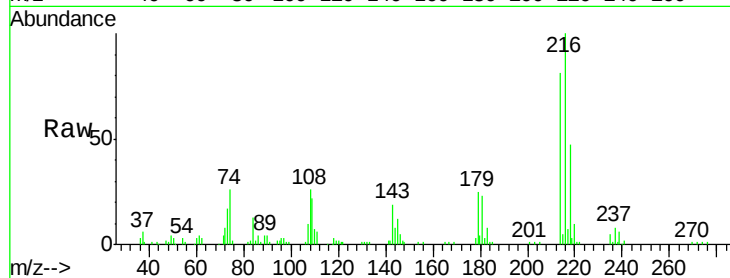
Ion Ratio Lower Upper

216 100

214 78.5 63.7 95.5

179 21.4 18.5 27.7

108 20.0 19.5 29.3

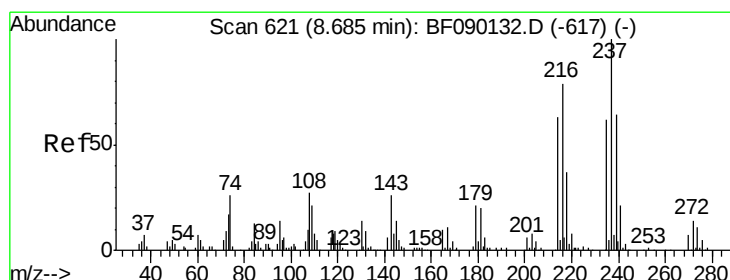
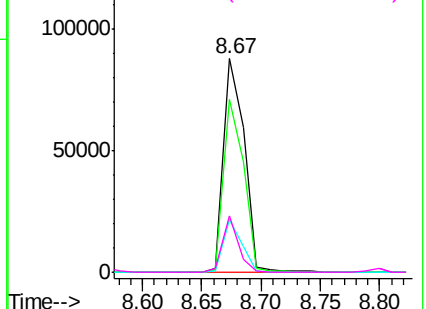
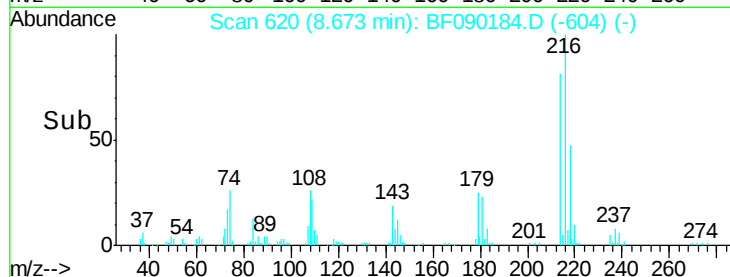


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.70 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

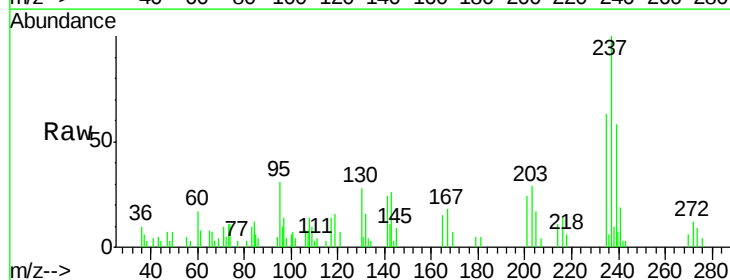
Tgt Ion:237 Resp: 12942

Ion Ratio Lower Upper

237 100

235 63.1 42.5 82.5

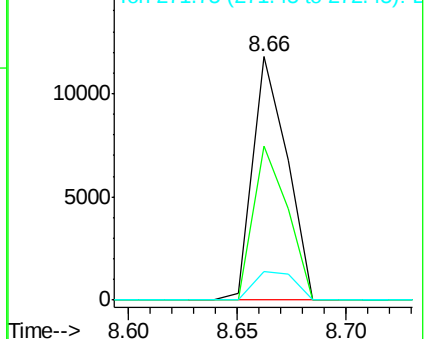
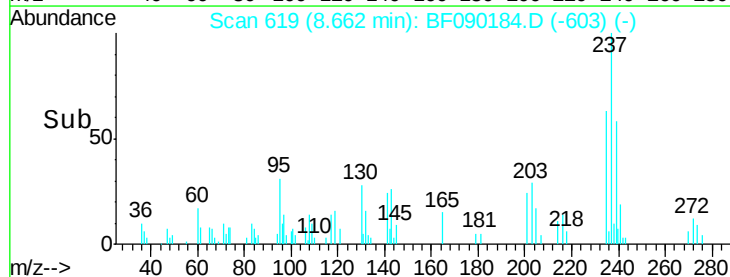
272 11.7 0.0 32.0

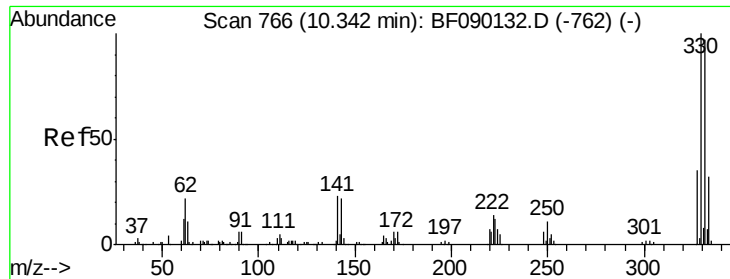


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

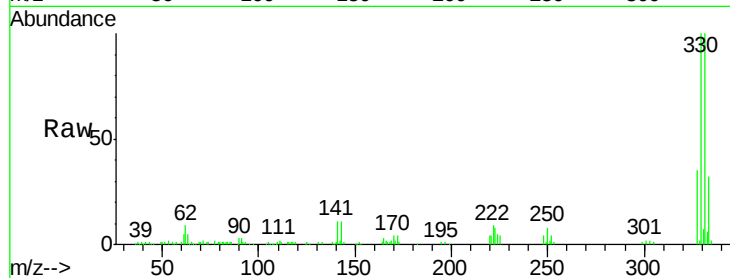




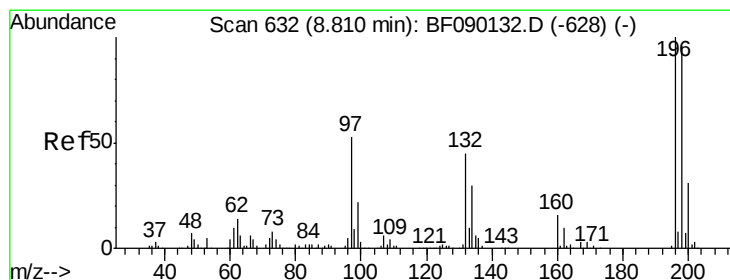
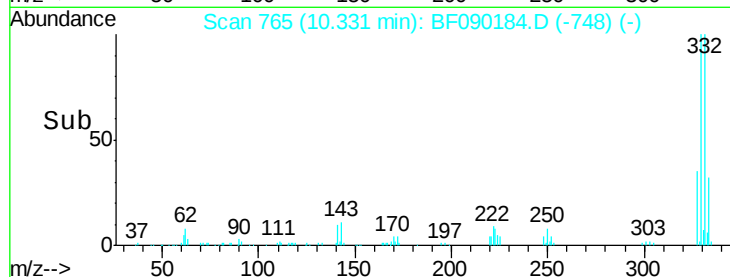
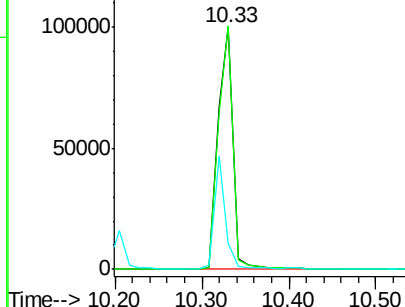
#41
 2,4,6-Tribromophenol
 Concen: 46.25 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tgt Ion:330 Resp: 122515
 Ion Ratio Lower Upper
 330 100
 332 98.6 78.1 117.1
 141 34.8 23.9 35.9

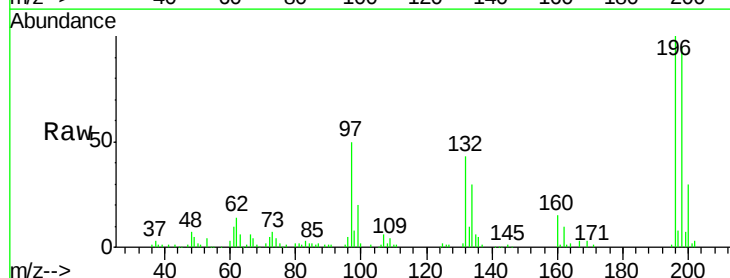


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

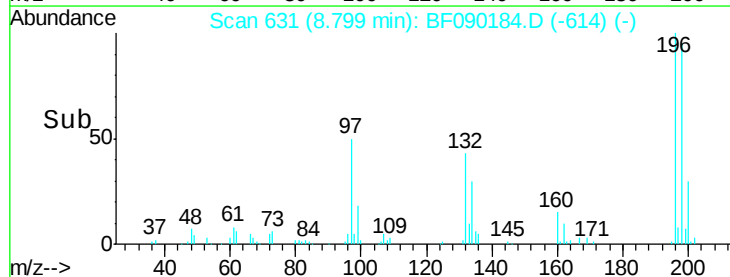
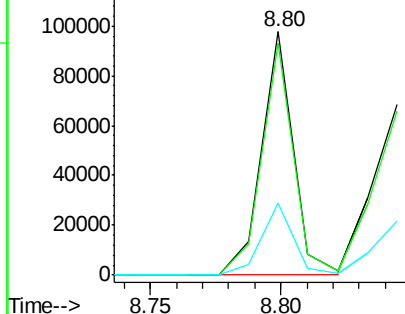


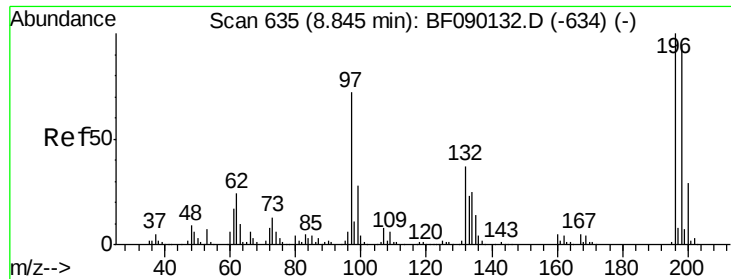
#42
 2,4,6-Trichlorophenol
 Concen: 16.49 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion:196 Resp: 83269
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 29.5 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

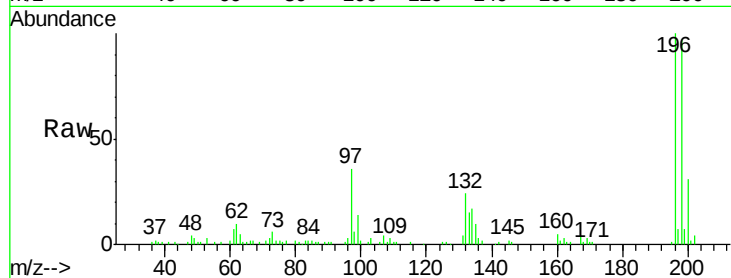




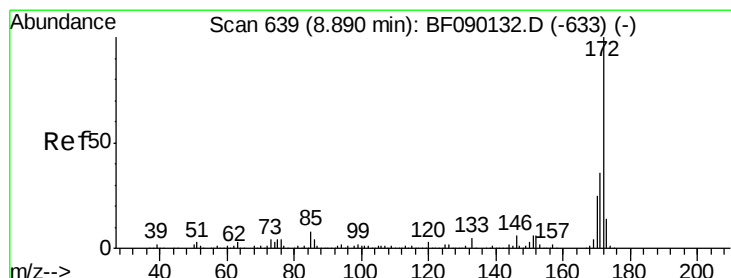
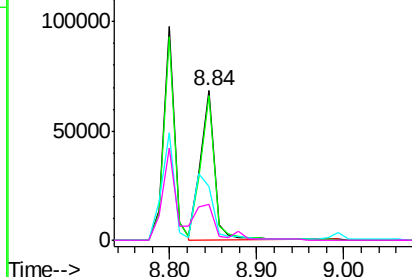
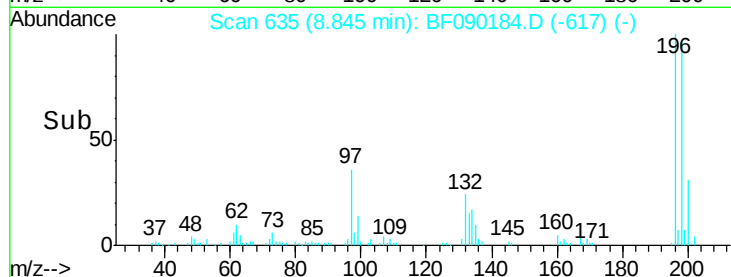
#43
 2,4,5-Trichlorophenol
 Concen: 14.86 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampled :
 SS-3MS

Tgt Ion	Resp	Lower	Upper
196	77706		
196	100		
198	96.6	76.6	114.8
97	35.7	34.4	51.6
132	23.9	22.2	33.2

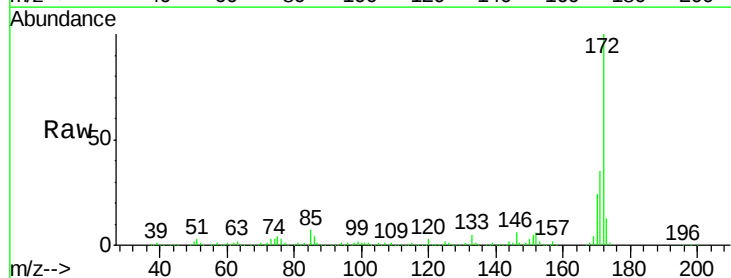


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

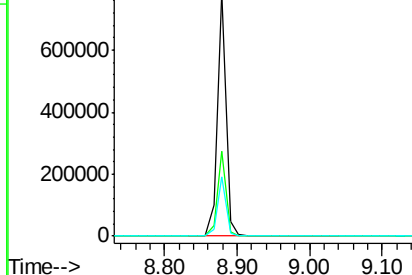
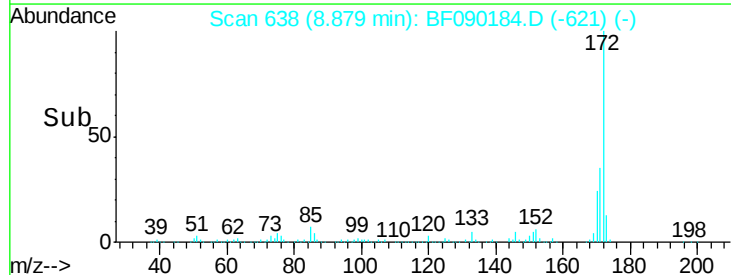


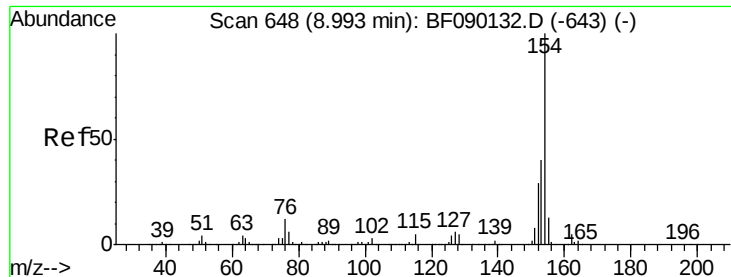
#44
 2-Fluorobiphenyl
 Concen: 41.61 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion	Resp	Lower	Upper
172	654539		
172	100		
171	35.1	29.2	43.8
170	24.1	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

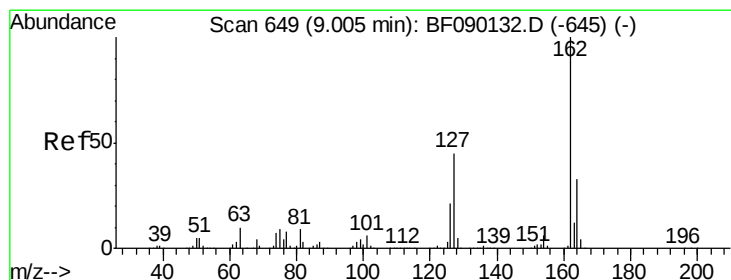
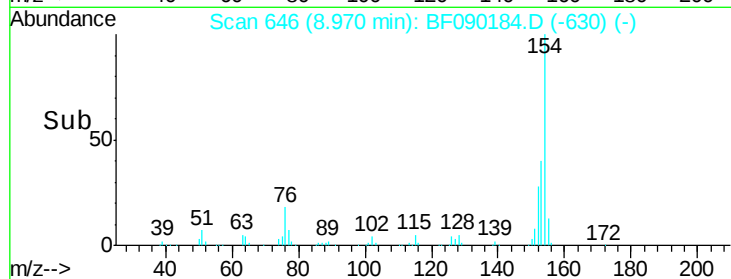
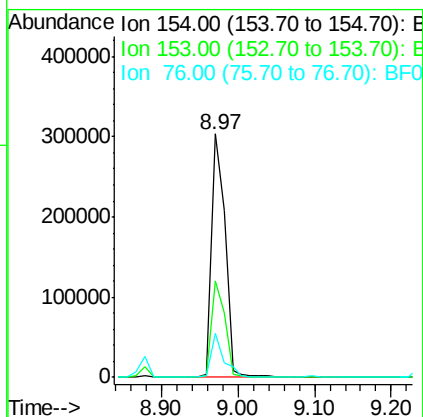
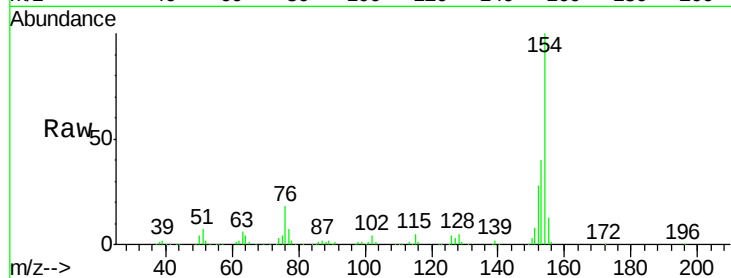




#45
 1,1'-Biphenyl
 Concen: 16.75 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

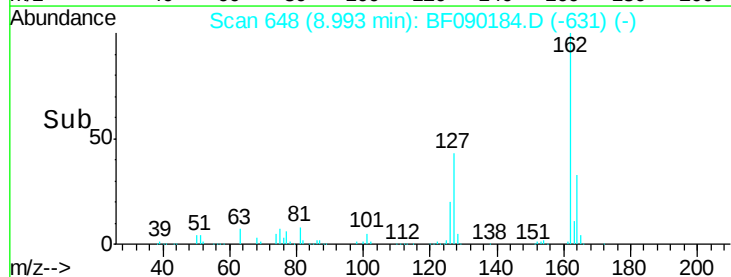
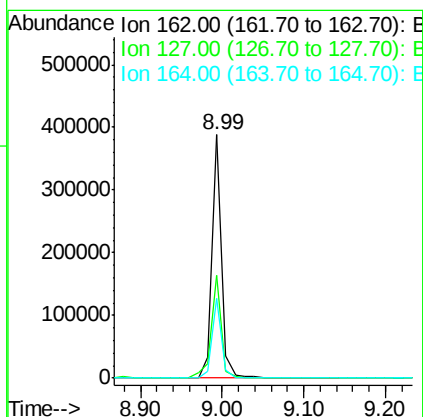
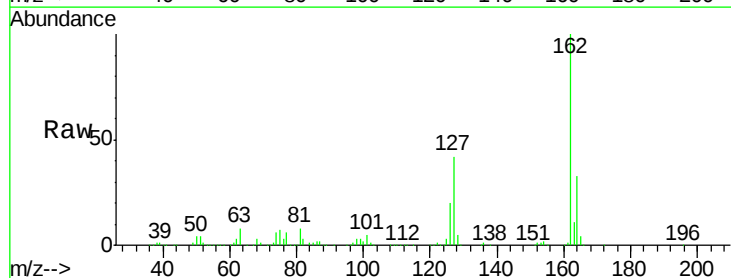
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

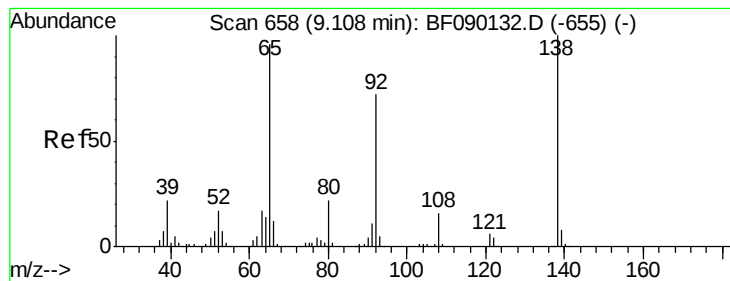
Tgt Ion:	154	Resp:	370124
Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.6	60.6
76	18.1	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 19.95 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion:	162	Resp:	325114
Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.0	51.0
164	32.7	26.8	40.2





#47

2-Nitroaniline

Concen: 20.43 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

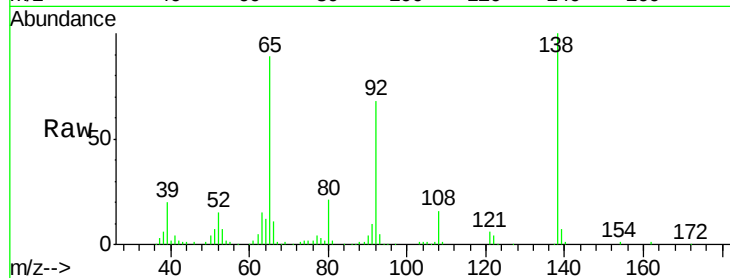
Tgt Ion: 65 Resp: 100370

Ion Ratio Lower Upper

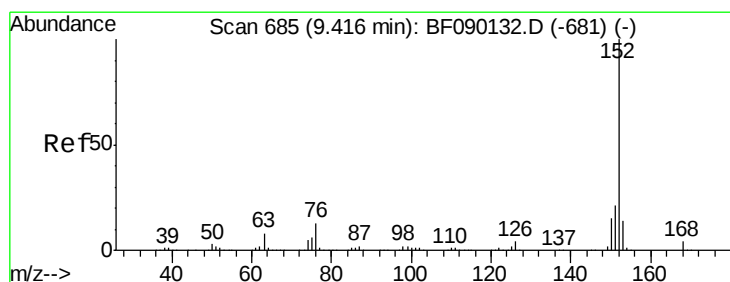
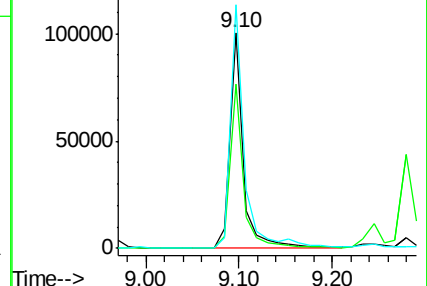
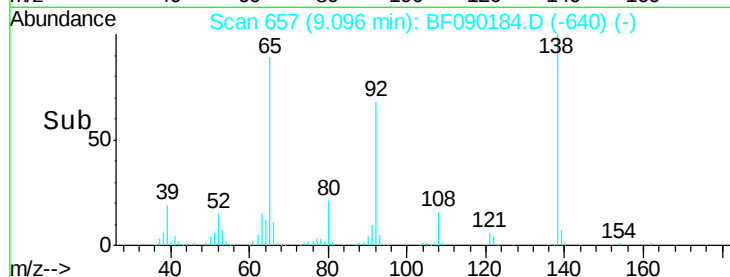
65 100

92 76.2 66.1 99.1

138 112.8 104.1 156.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 19.00 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

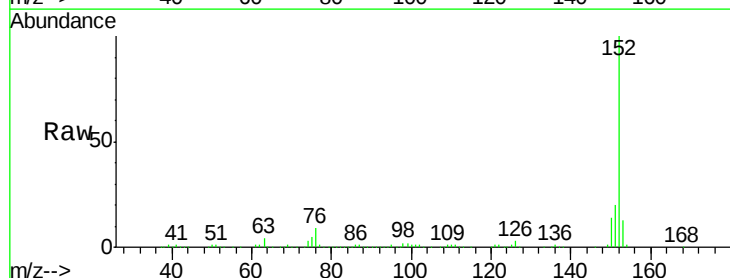
Tgt Ion: 152 Resp: 502822

Ion Ratio Lower Upper

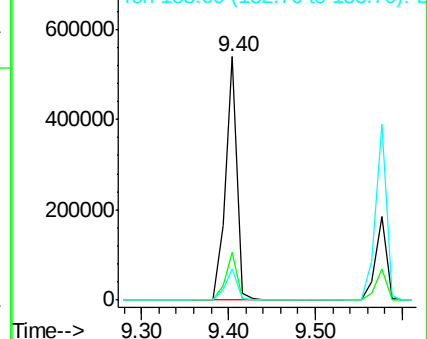
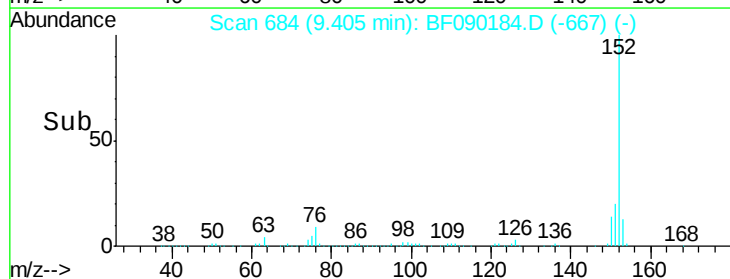
152 100

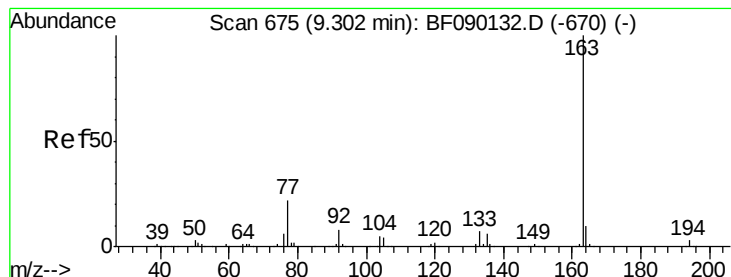
151 19.7 16.5 24.7

153 12.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 23.95 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

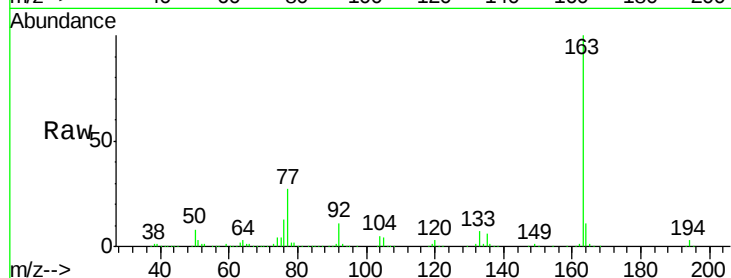
Tgt Ion:163 Resp: 470977

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

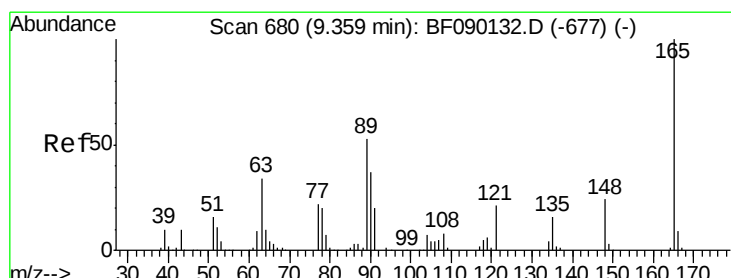
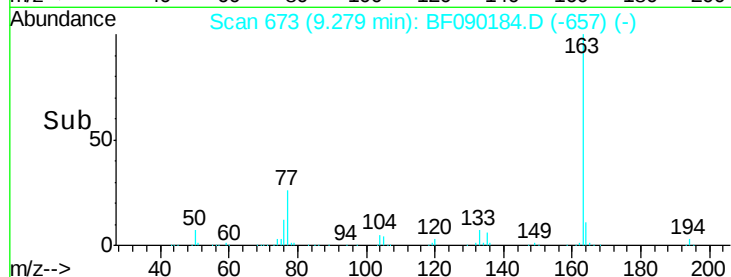
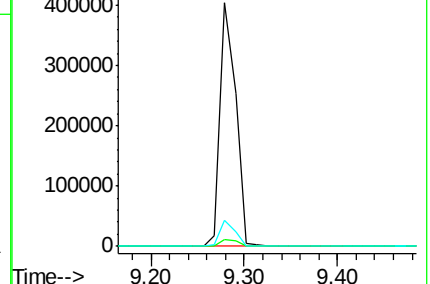
164 10.6 8.1 12.1



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: 14.88 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

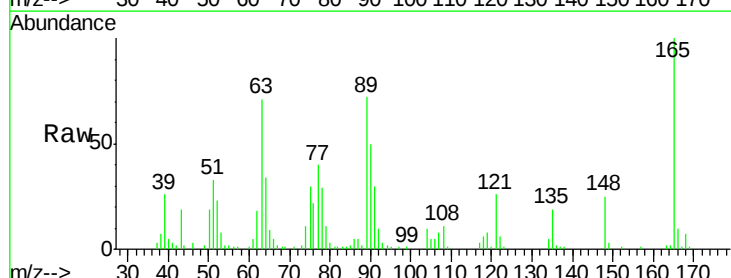
Tgt Ion:165 Resp: 65246

Ion Ratio Lower Upper

165 100

63 71.4 49.9 74.9

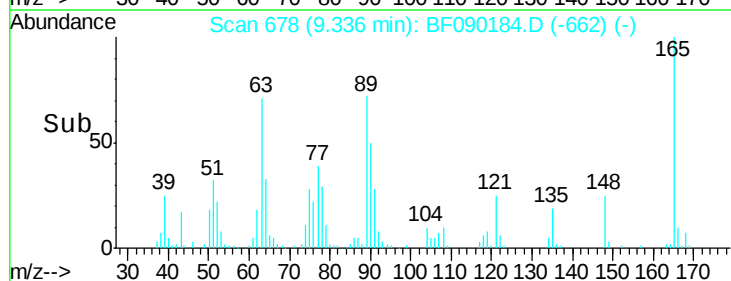
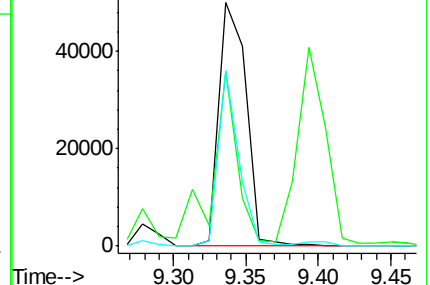
89 72.4 51.0 76.4

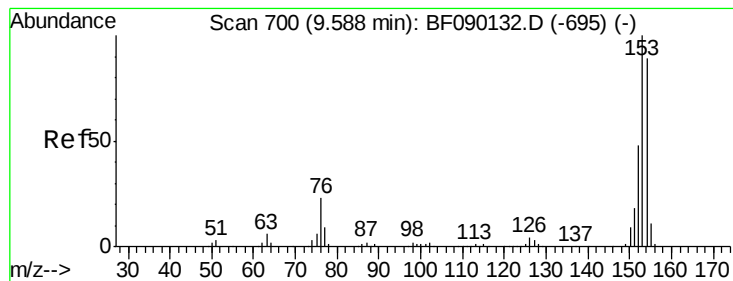


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 19.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

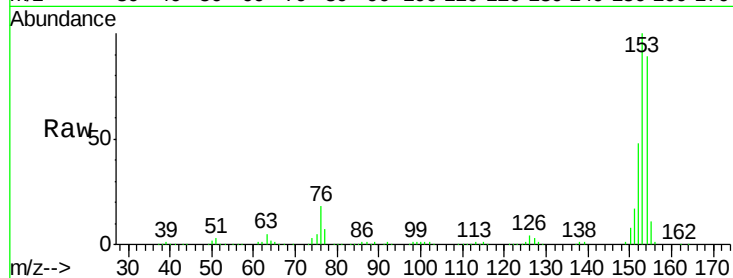
Tgt Ion:154 Resp: 298480

Ion Ratio Lower Upper

154 100

153 112.3 90.8 136.2

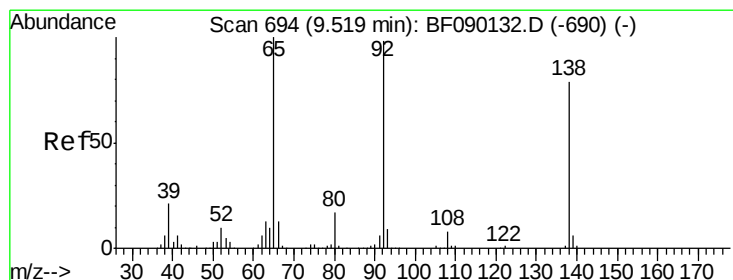
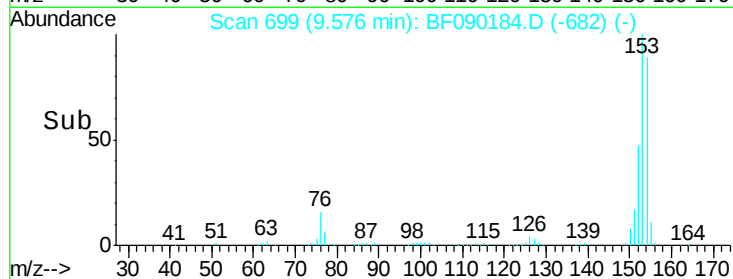
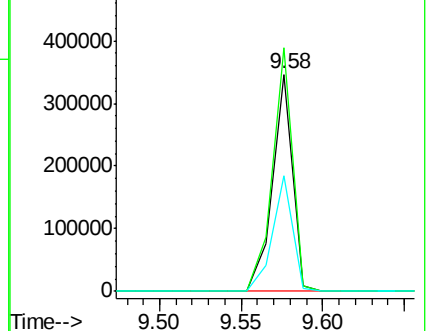
152 53.4 44.2 66.4



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: 14.68 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

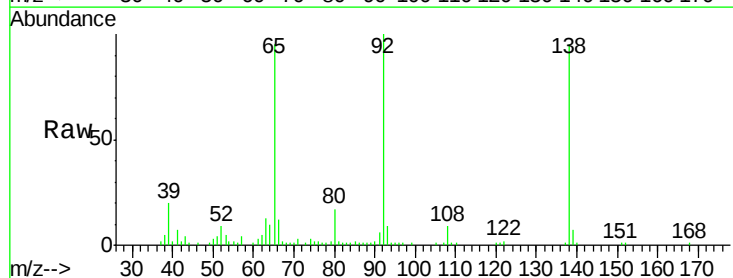
Tgt Ion:138 Resp: 75469

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.6

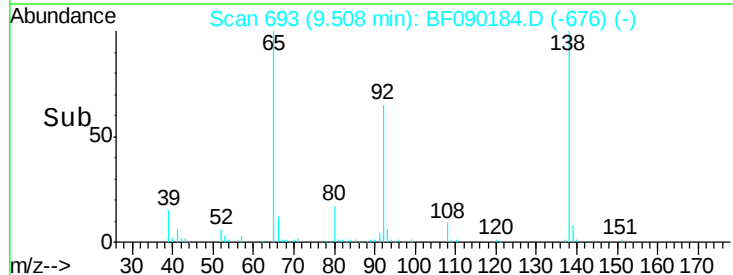
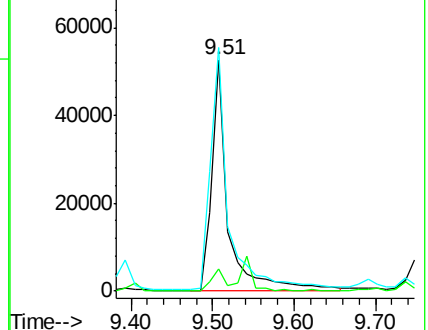
92 105.5 90.7 136.1

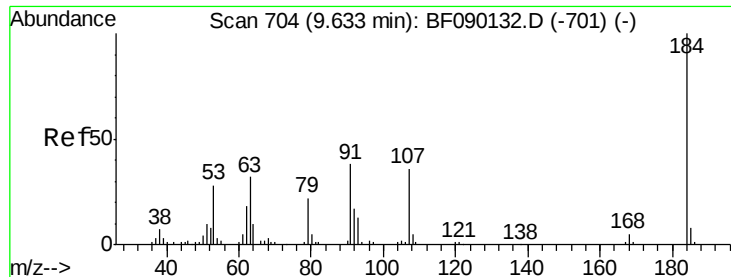


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

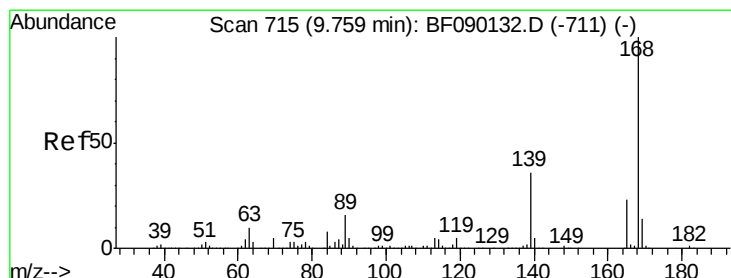
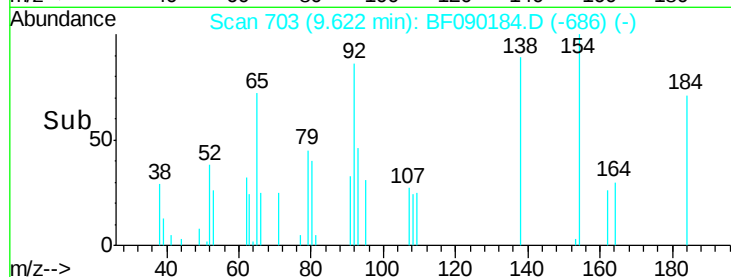
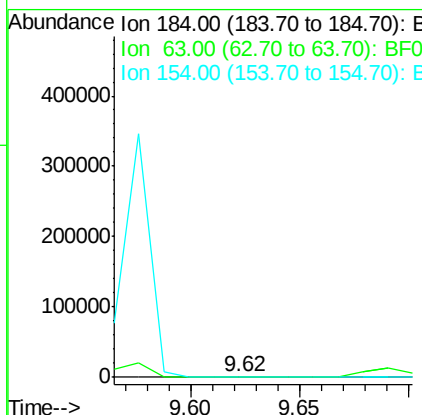
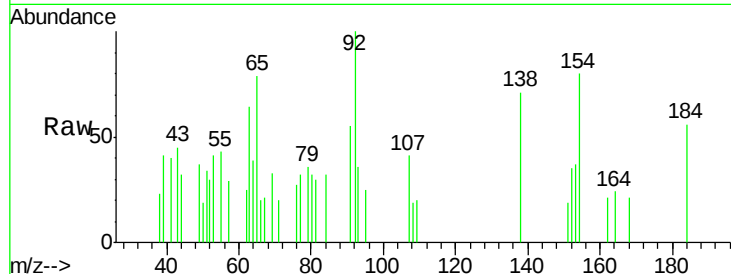




#53
 2,4-Dinitrophenol
 Concen: 3.65 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

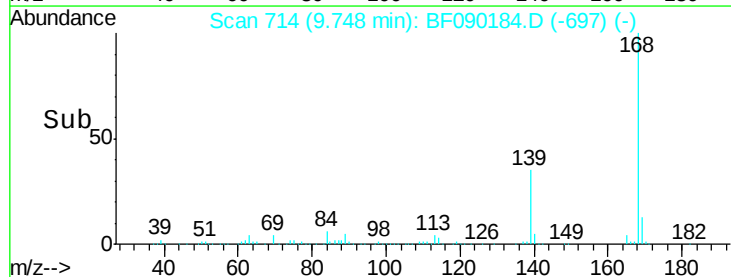
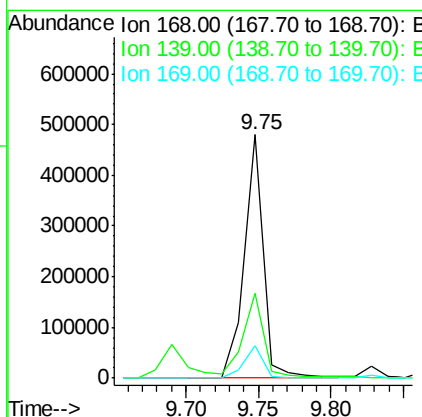
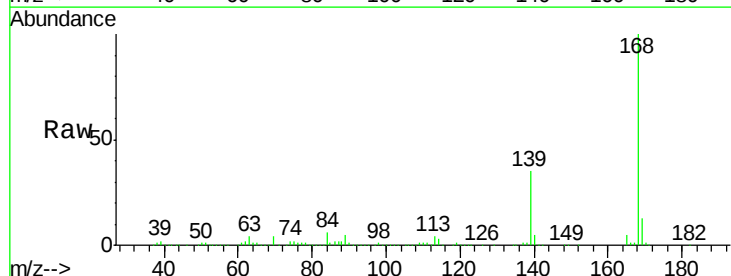
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

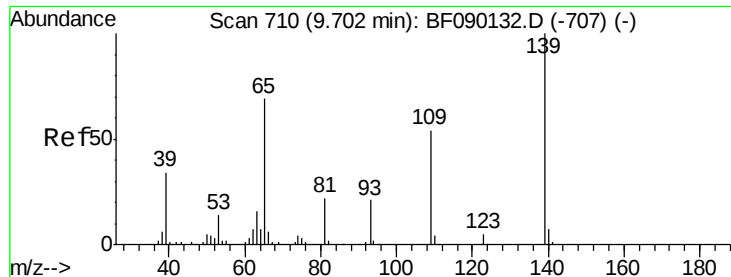
Tgt Ion:184 Resp: 1272
 Ion Ratio Lower Upper
 184 100
 63 113.4 44.6 67.0#
 154 141.3 49.7 74.5#



#54
 Dibenzofuran
 Concen: 21.18 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion:168 Resp: 437990
 Ion Ratio Lower Upper
 168 100
 139 34.7 28.8 43.2
 169 13.1 10.7 16.1

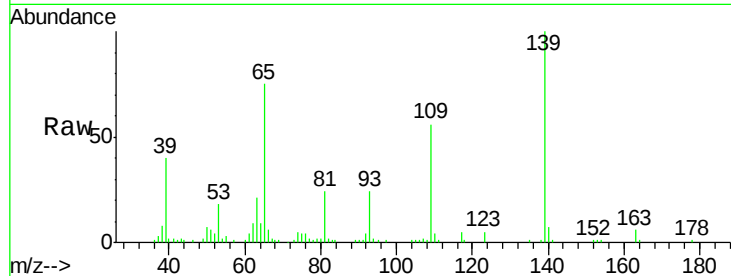




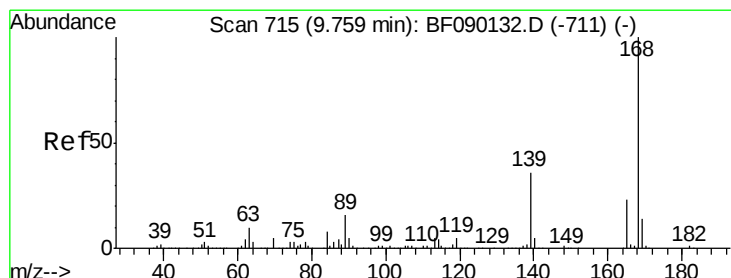
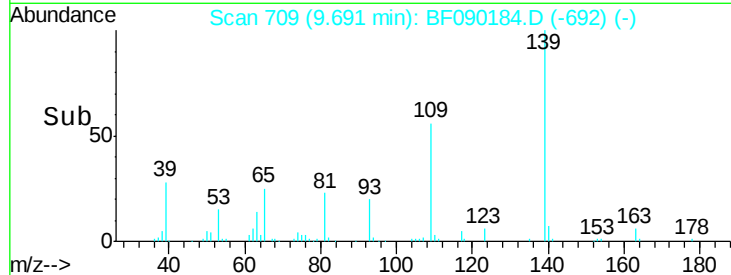
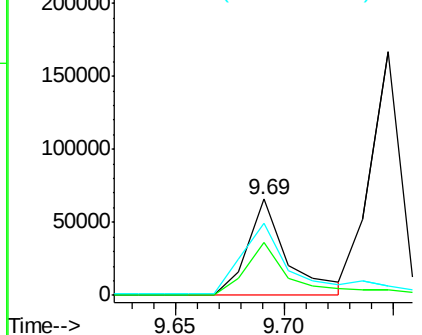
#55
 4-Nitrophenol
 Concen: 23.98 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tgt Ion:139 Resp: 84441
 Ion Ratio Lower Upper
 139 100
 109 55.5 35.6 75.6
 65 75.3 55.5 95.5



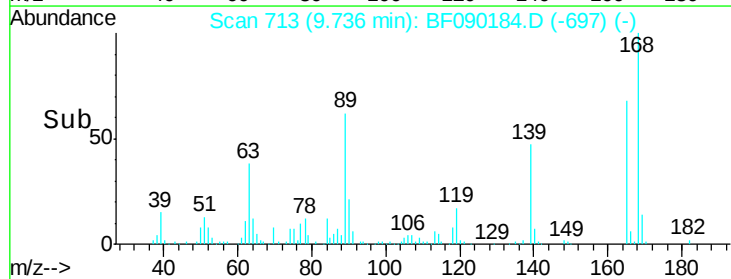
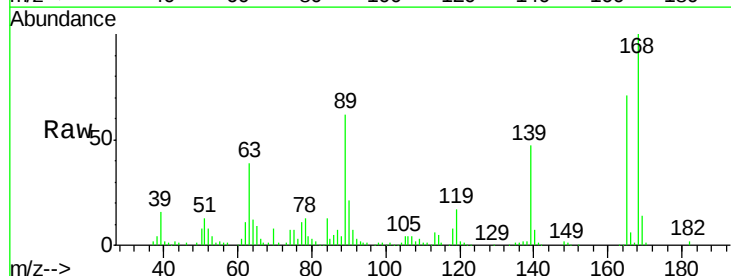
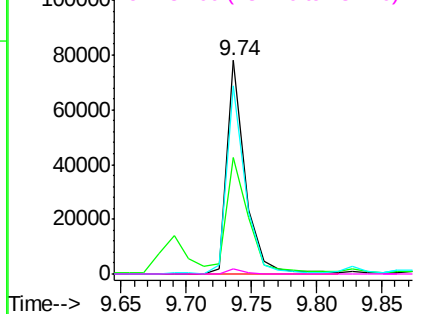
Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

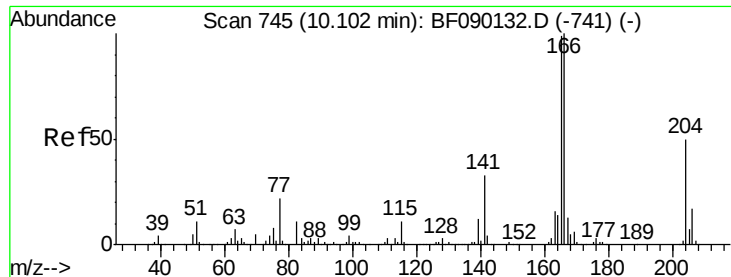


#56
 2,4-Dinitrotoluene
 Concen: 14.93 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion:165 Resp: 77384
 Ion Ratio Lower Upper
 165 100
 63 54.7 44.4 66.6
 89 87.9 70.1 105.1
 182 2.2 1.7 2.5

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

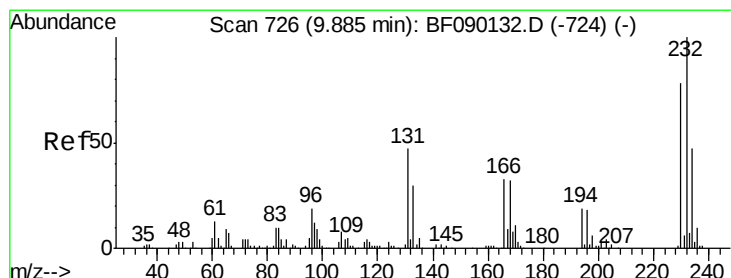
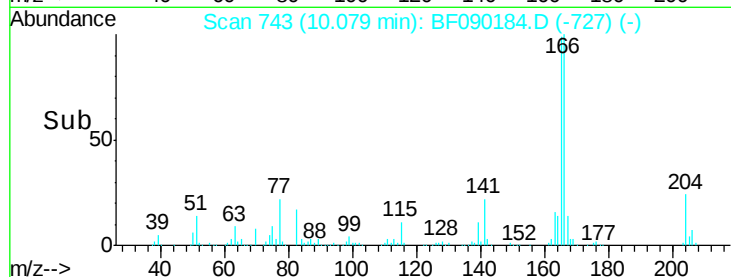
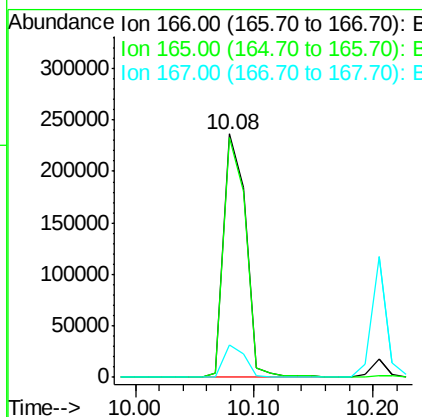
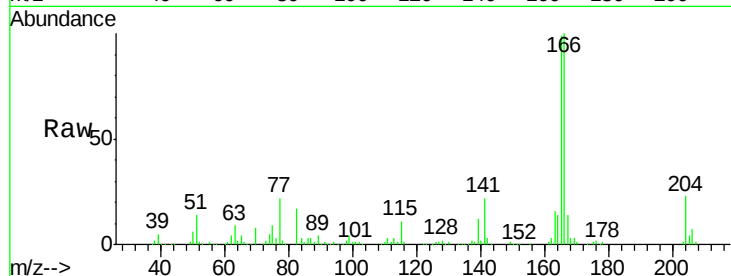




#57
 Fluorene
 Concen: 19.53 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

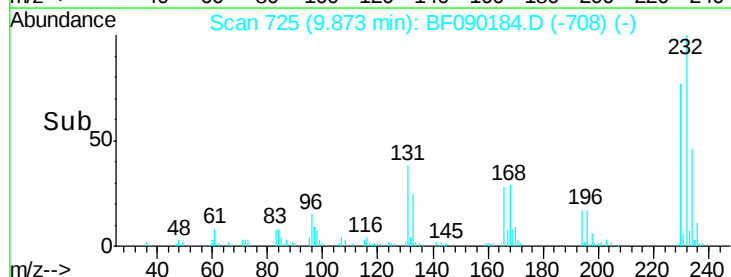
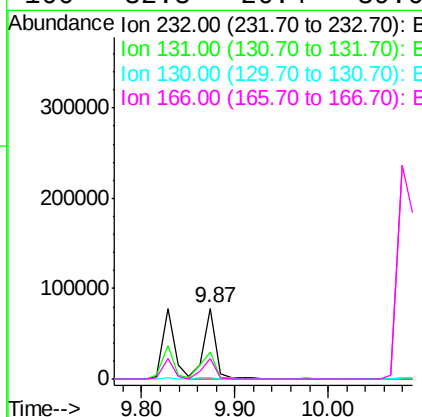
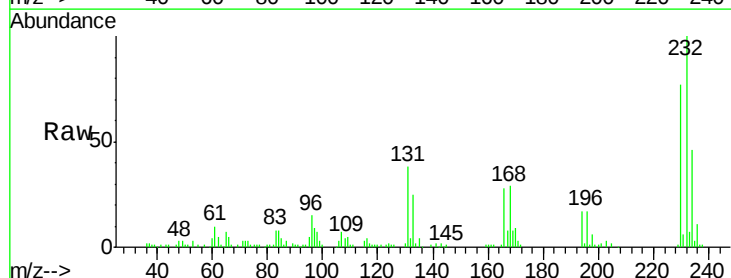
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

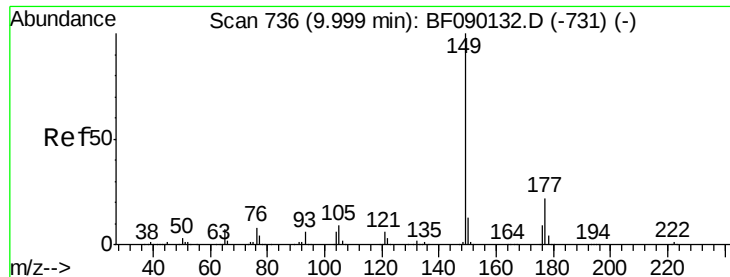
Tgt Ion:166 Resp: 304354
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.5 117.7
 167 13.6 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 18.60 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion:232 Resp: 72837
 Ion Ratio Lower Upper
 232 100
 131 47.4 42.2 63.4
 130 2.0 1.9 2.9
 166 32.3 26.4 39.6

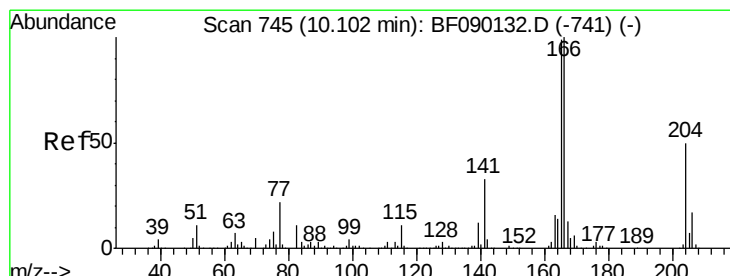
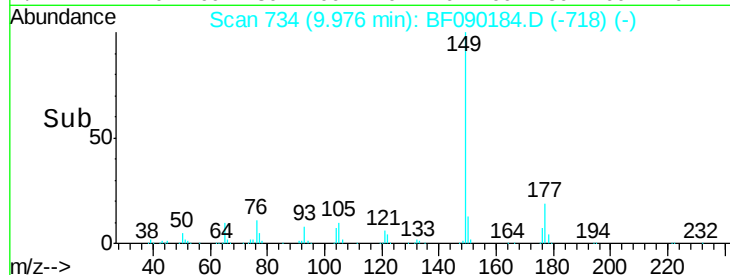
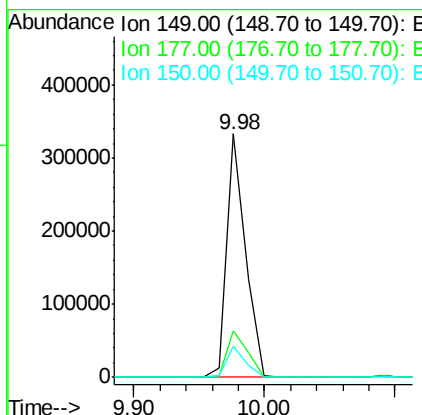
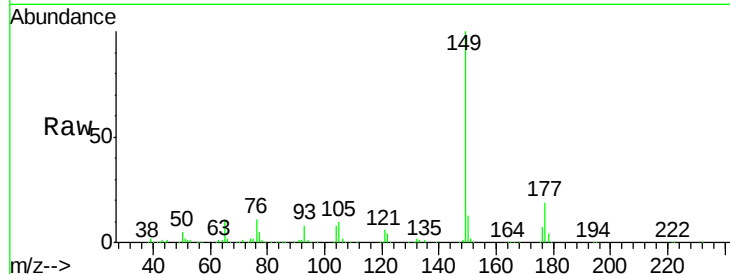




#59
Diethylphthalate
Concen: 17.47 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

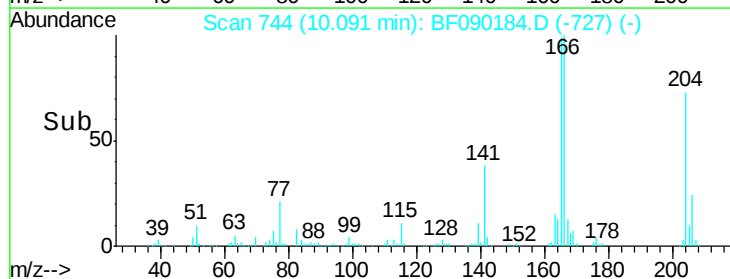
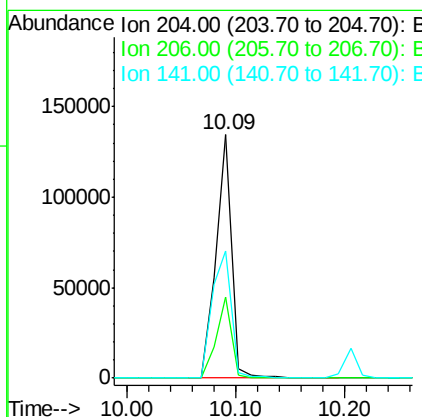
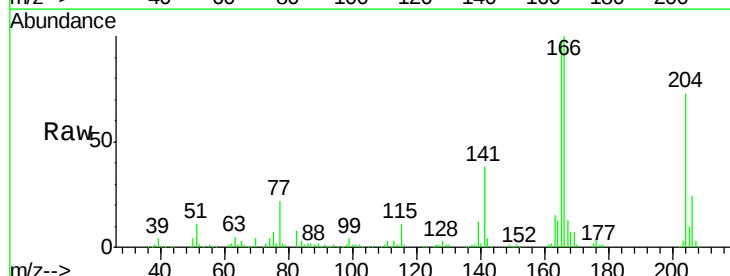
Instrument :
BNA_F
ClientSampleId :
SS-3MS

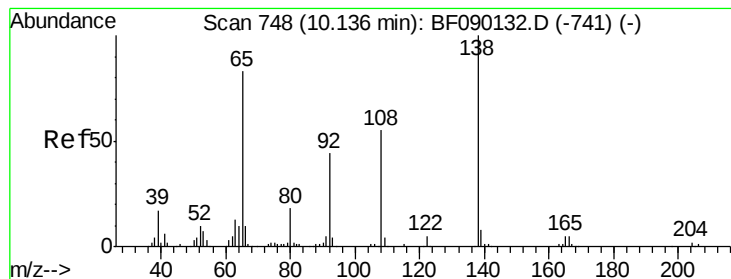
Tgt Ion:149 Resp: 331828
Ion Ratio Lower Upper
149 100
177 18.9 15.8 23.6
150 13.0 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 19.28 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Tgt Ion:204 Resp: 136965
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 52.5 64.4 96.6#





#61

4-Nitroaniline

Concen: 13.79 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

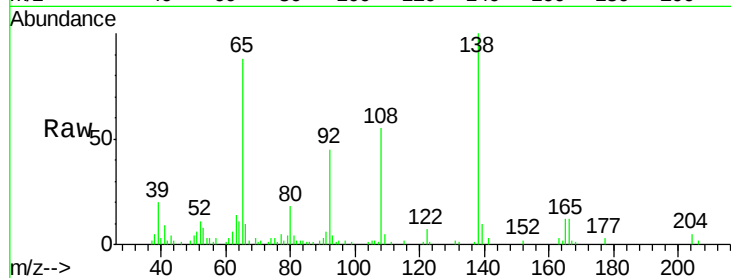
Tgt Ion:138 Resp: 72255

Ion Ratio Lower Upper

138 100

92 45.5 23.8 63.8

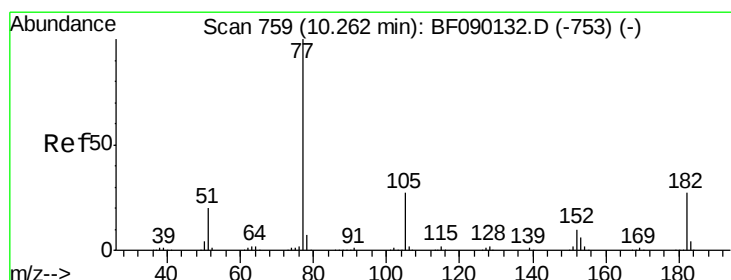
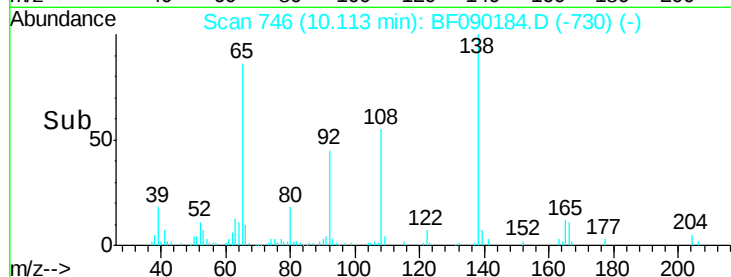
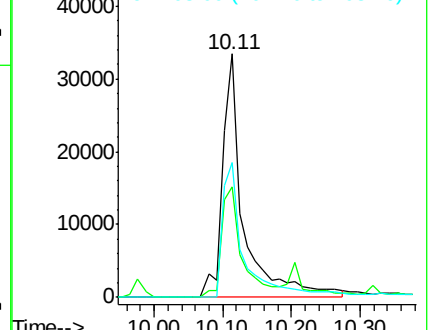
108 55.2 35.0 75.0



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: 18.36 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Tgt Ion: 77 Resp: 363037

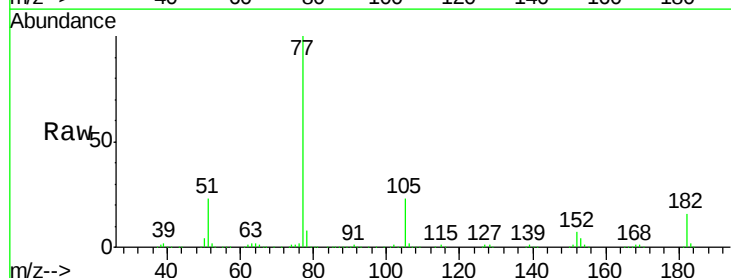
Ion Ratio Lower Upper

77 100

182 15.9 0.0 38.4

105 23.1 3.8 43.8

51 23.1 2.6 42.6

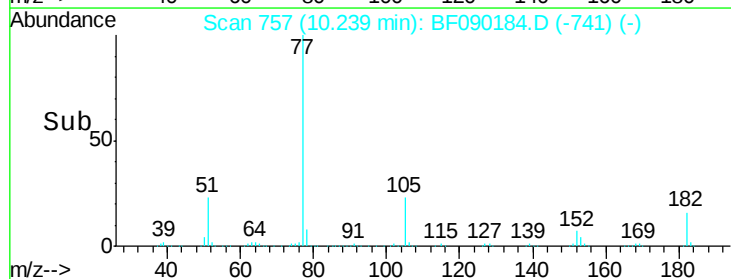
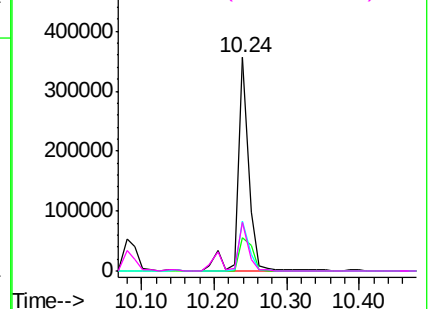


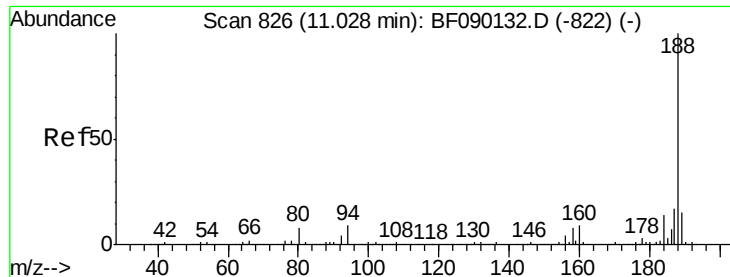
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

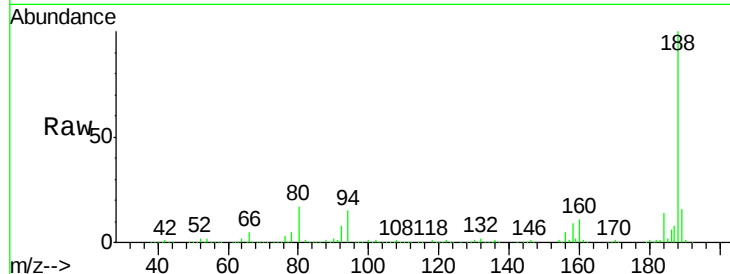




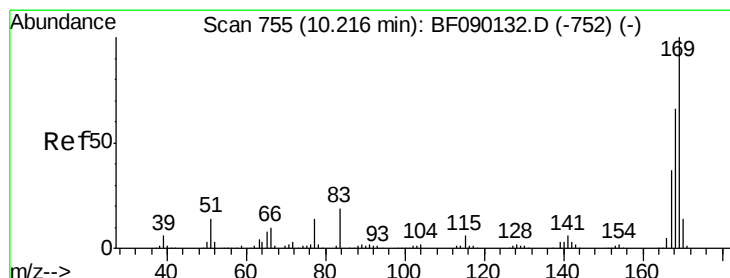
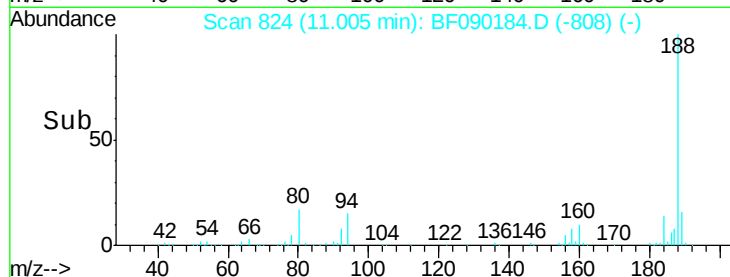
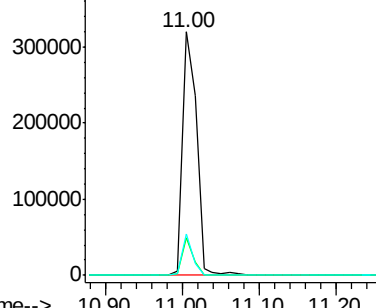
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Instrument :
BNA_F
ClientSampleId :
SS-3MS

Tgt Ion:188 Resp: 406922
Ion Ratio Lower Upper
188 100
94 15.5 10.5 15.7
80 17.2 11.2 16.8#



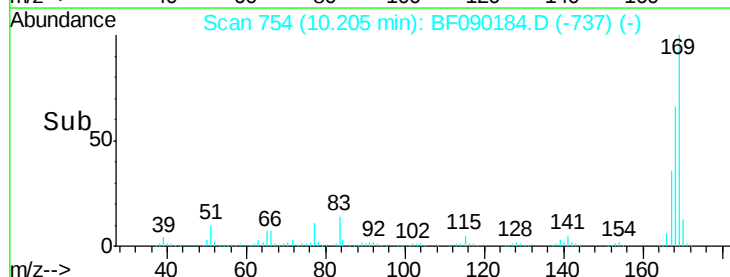
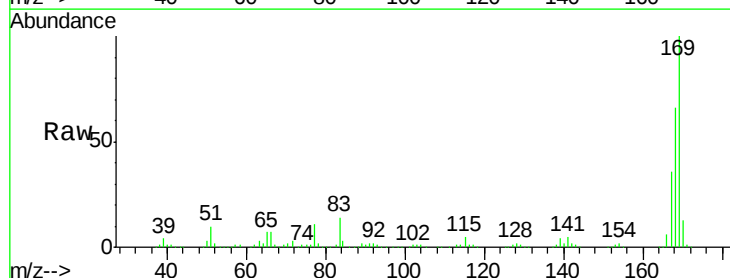
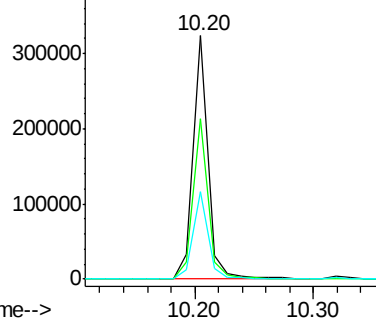
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

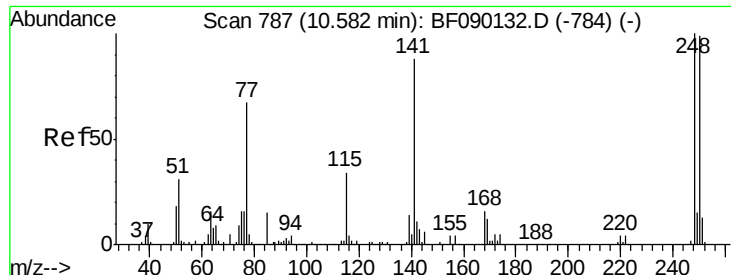


#65
n-Nitrosodiphenylamine
Concen: 20.89 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Tgt Ion:169 Resp: 279569
Ion Ratio Lower Upper
169 100
168 66.0 54.2 81.4
167 36.2 30.3 45.5

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

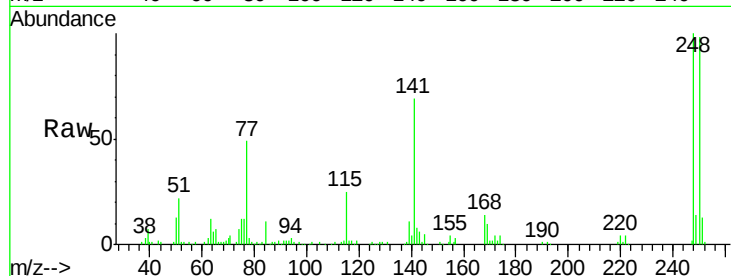




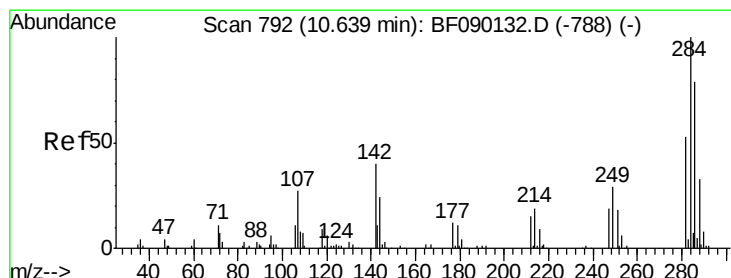
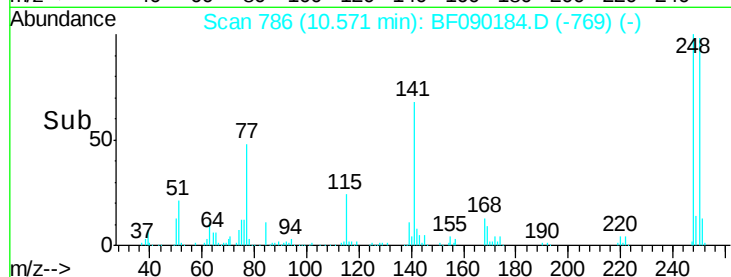
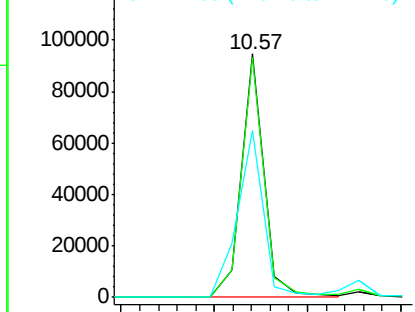
#66
 4-Bromophenyl-phenylether
 Concen: 20.04 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tgt Ion: 248 Resp: 80262
 Ion Ratio Lower Upper
 248 100
 250 98.5 79.4 119.2
 141 68.5 49.3 73.9

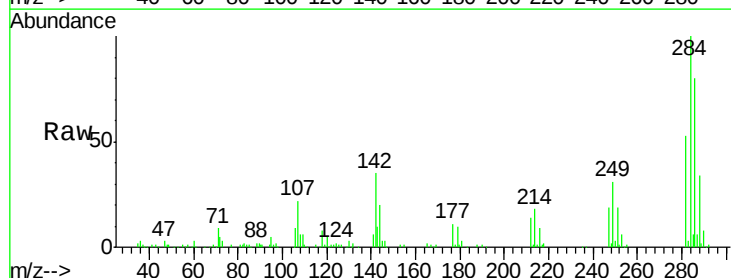


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

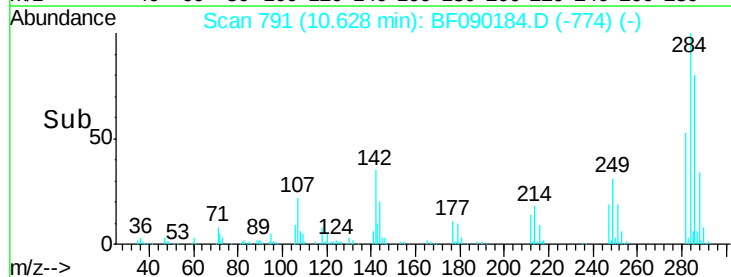
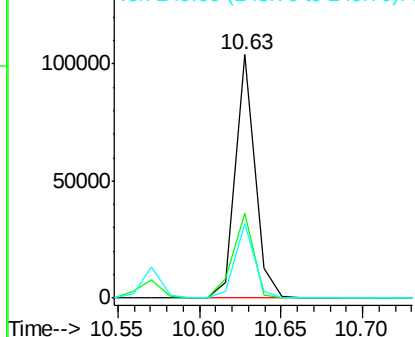


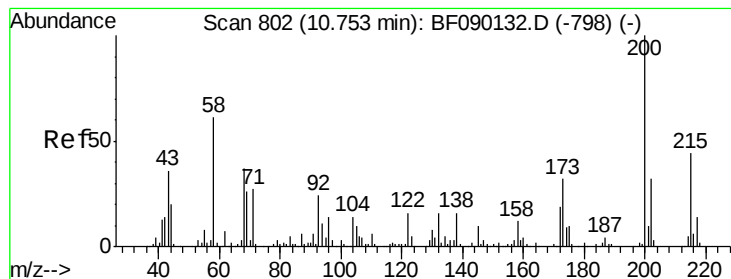
#67
 Hexachlorobenzene
 Concen: 18.27 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion: 284 Resp: 85273
 Ion Ratio Lower Upper
 284 100
 142 34.7 24.0 36.0
 249 30.6 23.8 35.6



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





#68

Atrazine

Concen: 20.80 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

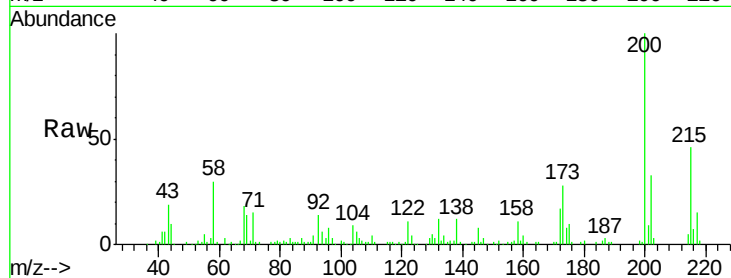
Tgt Ion:200 Resp: 76260

Ion Ratio Lower Upper

200 100

173 28.1 9.3 49.3

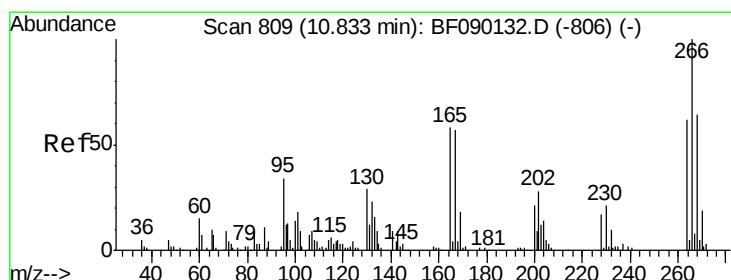
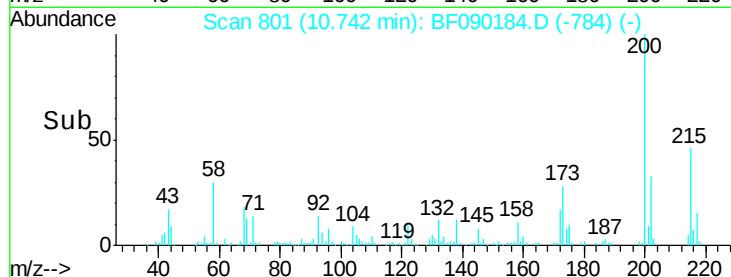
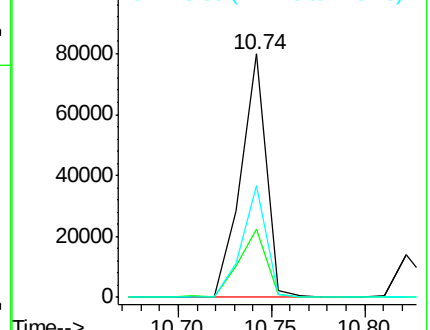
215 46.2 26.1 66.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 31.86 ng

RT: 10.82 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

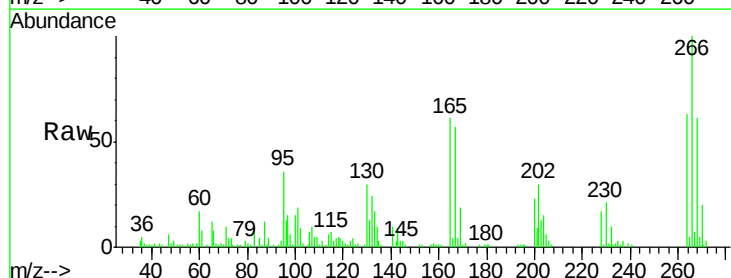
Tgt Ion:266 Resp: 84387

Ion Ratio Lower Upper

266 100

268 61.1 52.1 78.1

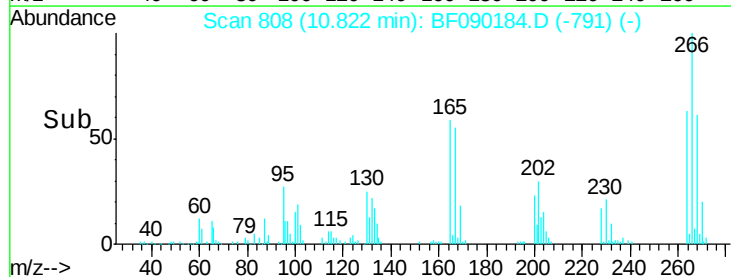
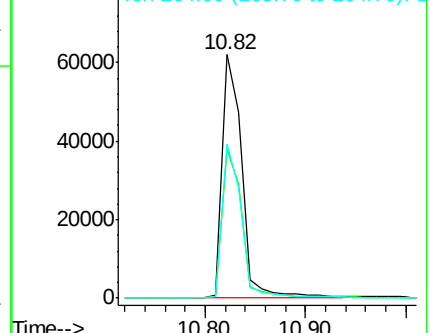
264 63.0 50.3 75.5

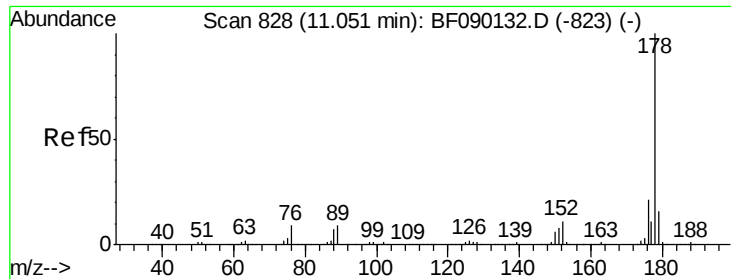


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

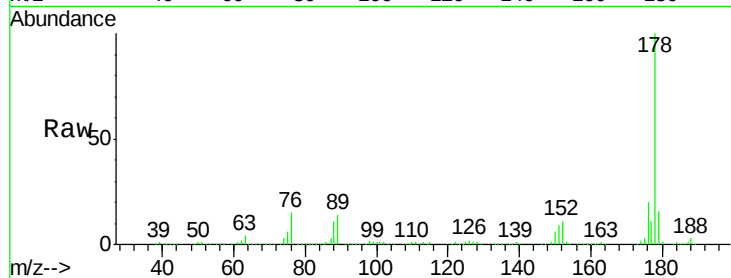




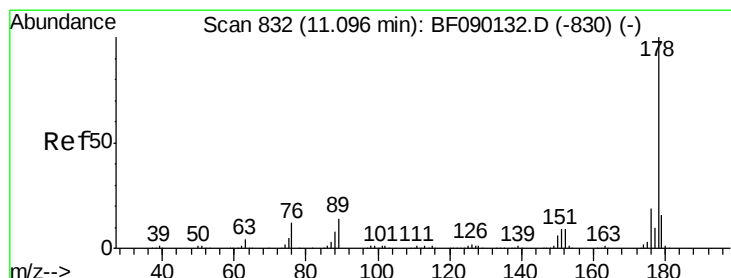
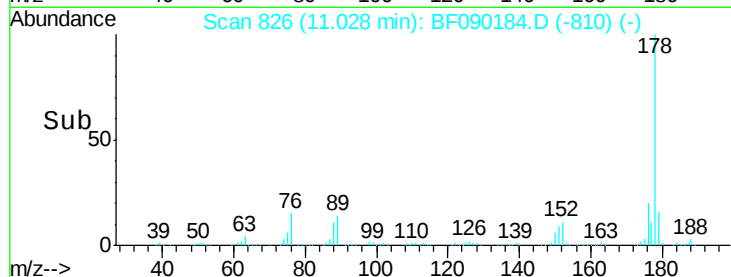
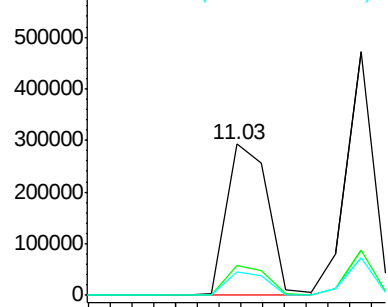
#70
Phenanthrene
Concen: 20.50 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Instrument :
BNA_F
ClientSampleId :
SS-3MS

Tgt Ion:178 Resp: 390146
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.5 12.9 19.3

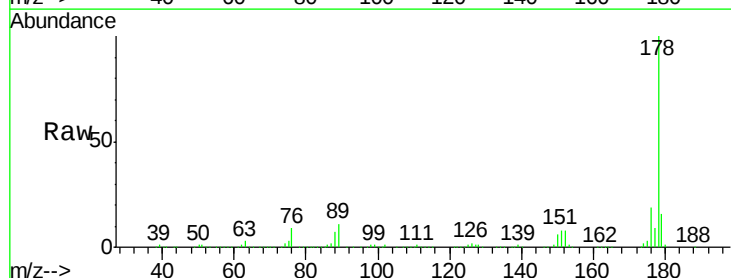


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

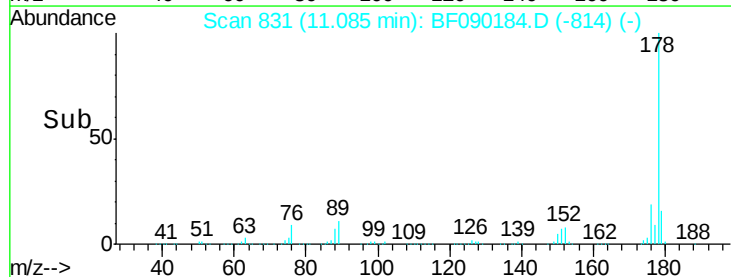
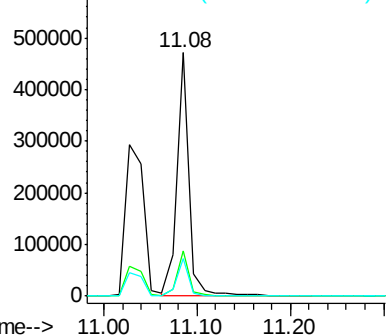


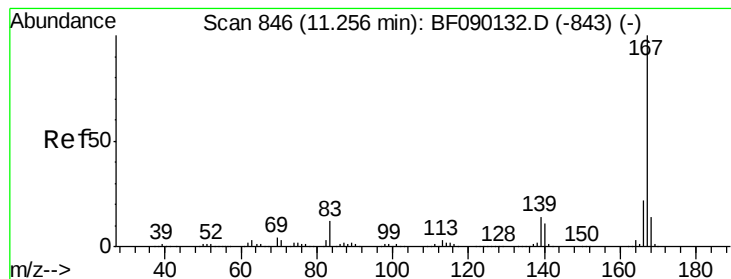
#71
Anthracene
Concen: 21.44 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Tgt Ion:178 Resp: 428023
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.6 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: 19.58 ng

RT: 11.24 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

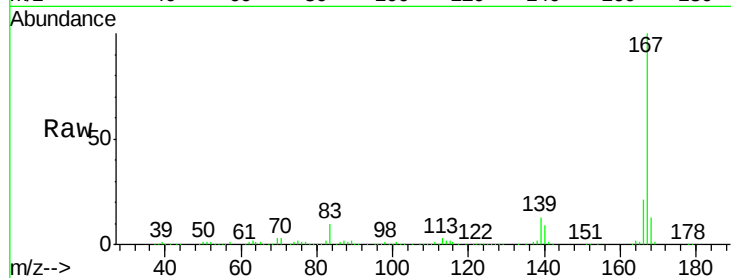
Tgt Ion:167 Resp: 413149

Ion Ratio Lower Upper

167 100

166 21.0 18.0 27.0

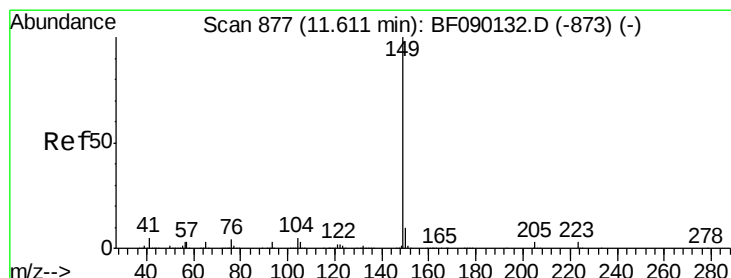
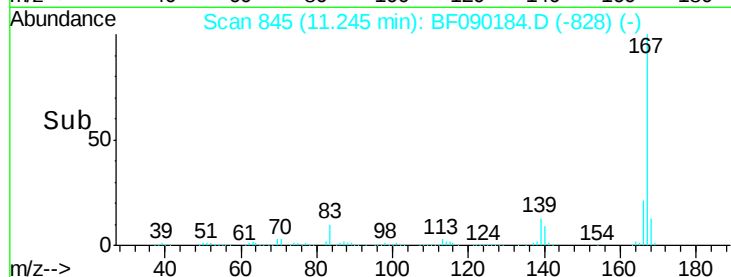
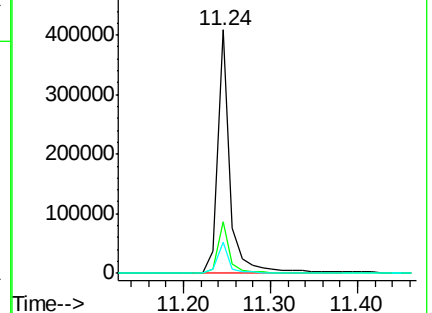
139 12.7 10.4 15.6



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: 22.02 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

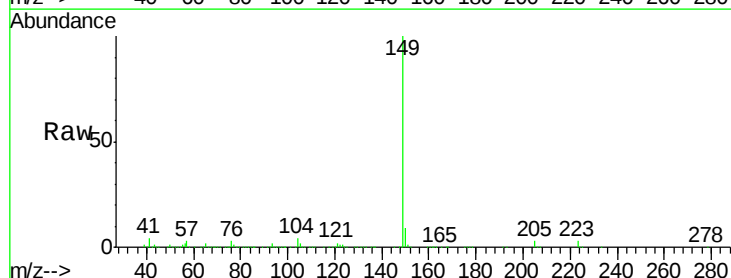
Tgt Ion:149 Resp: 540287

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.8

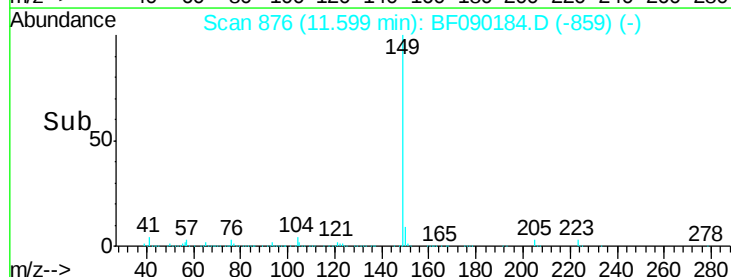
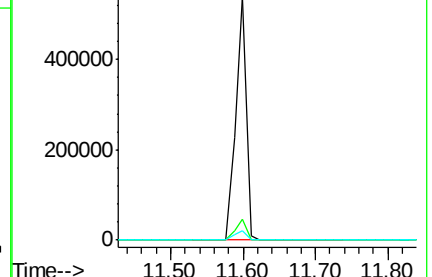
104 3.8 3.9 5.9#

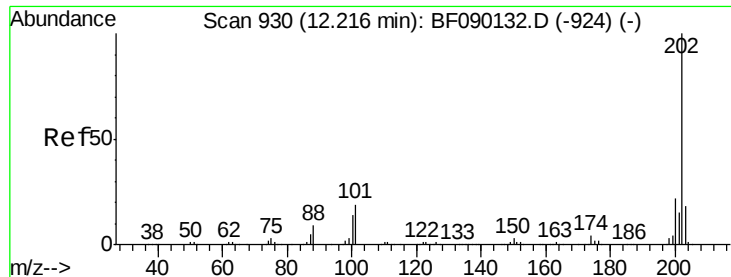


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

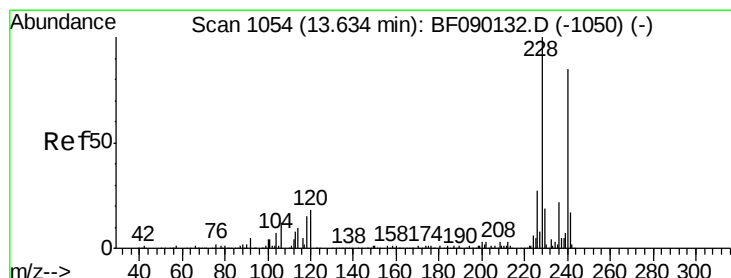
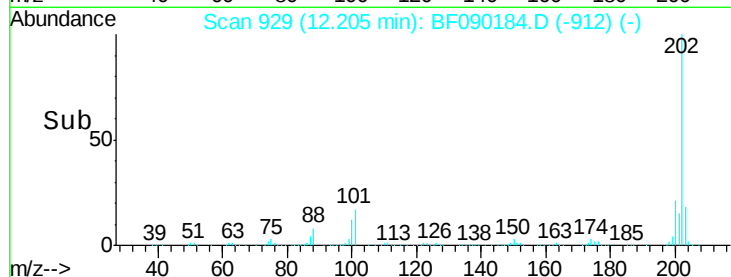
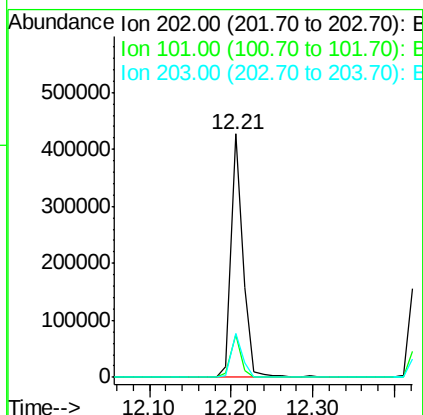
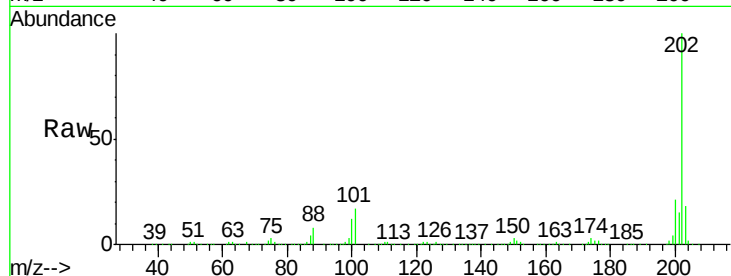




#74
 Fluoranthene
 Concen: 21.21 ng
 RT: 12.21 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

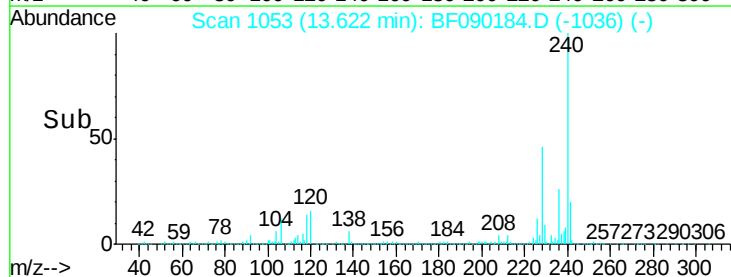
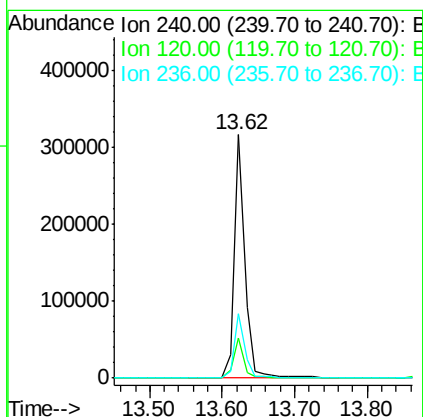
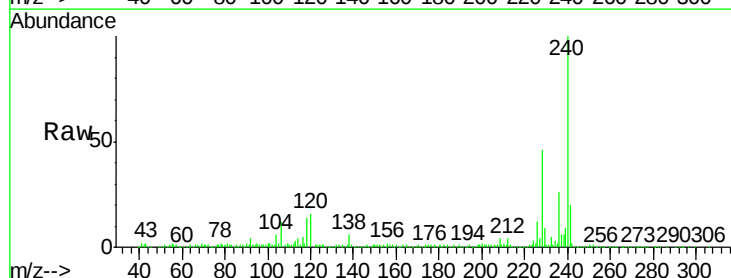
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

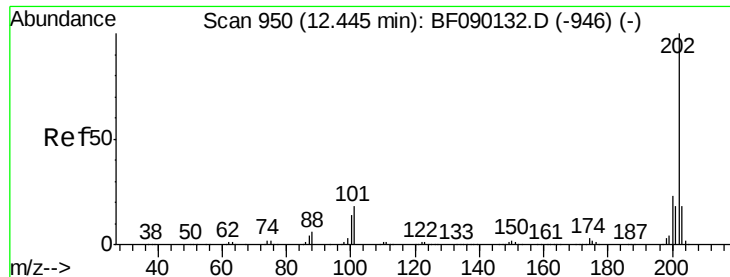
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	433282		
101	17.4		0.0	36.1
203	17.9		0.0	38.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	318707		
120	16.4		10.6	16.0#
236	26.4		21.6	32.4





#77

Pyrene

Concen: 20.74 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

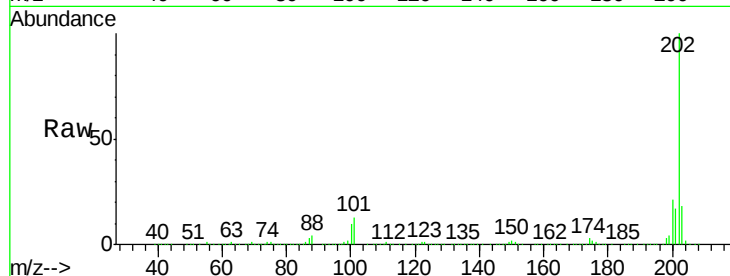
Tgt Ion: 202 Resp: 452325

Ion Ratio Lower Upper

202 100

200 21.3 17.9 26.9

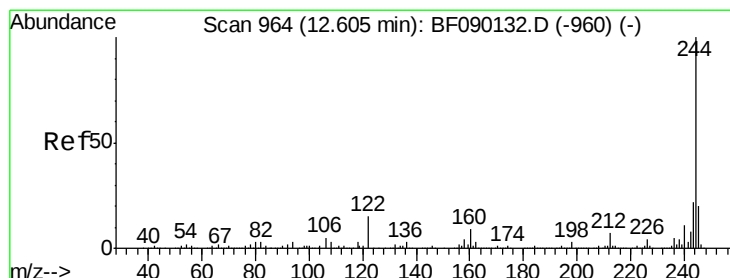
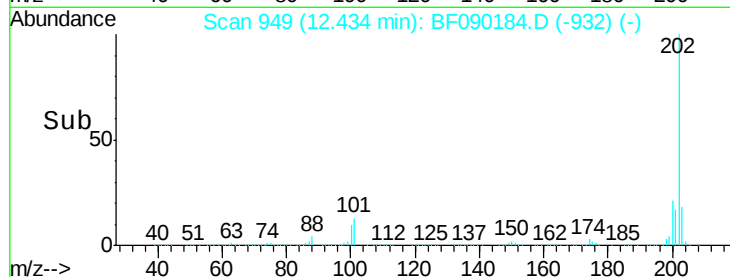
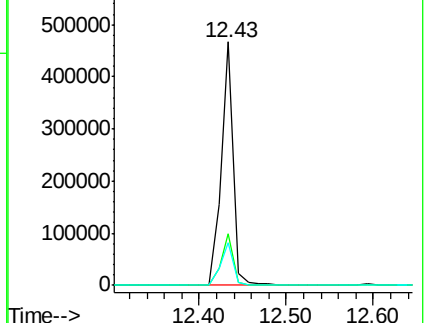
203 17.6 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 38.33 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

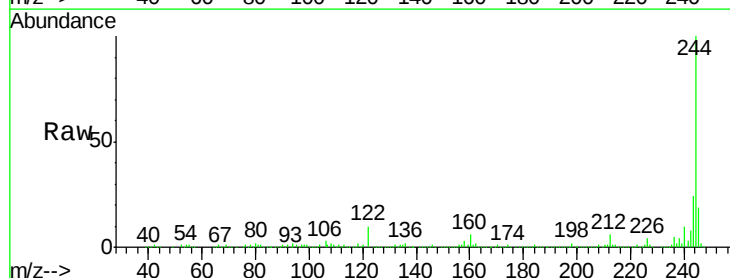
Tgt Ion: 244 Resp: 481177

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

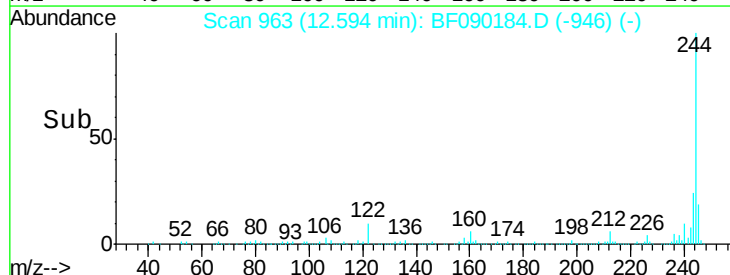
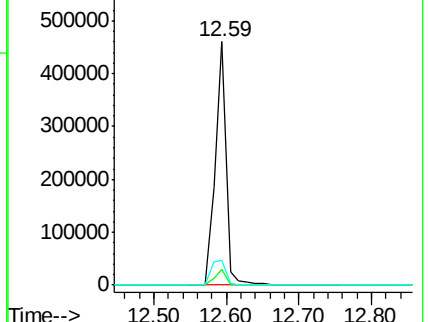
122 10.1 9.4 14.0

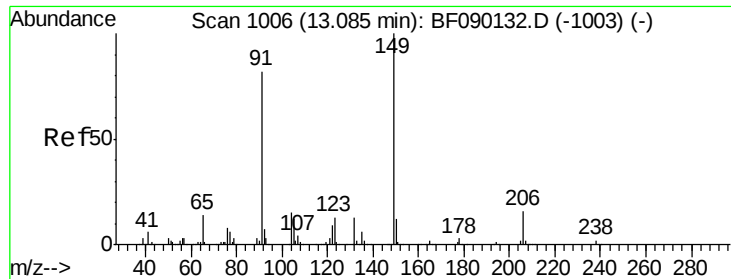


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 26.98 ng

RT: 13.07 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

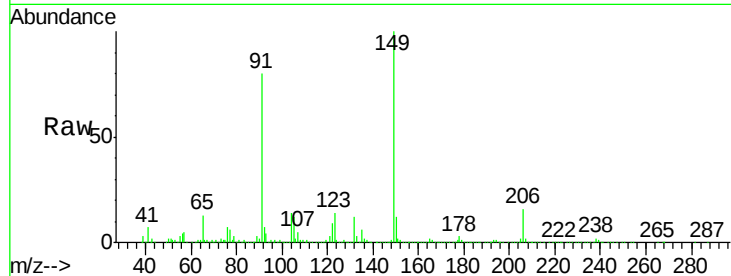
Tgt Ion:149 Resp: 287819

Ion Ratio Lower Upper

149 100

91 80.3 49.8 74.6#

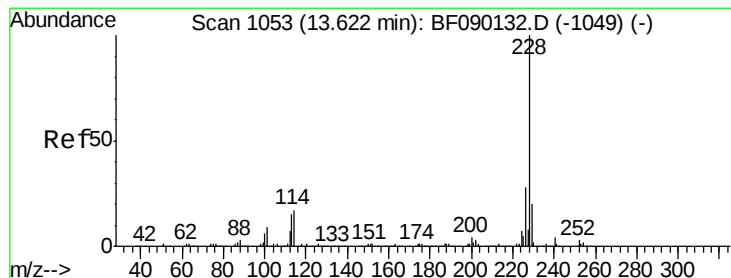
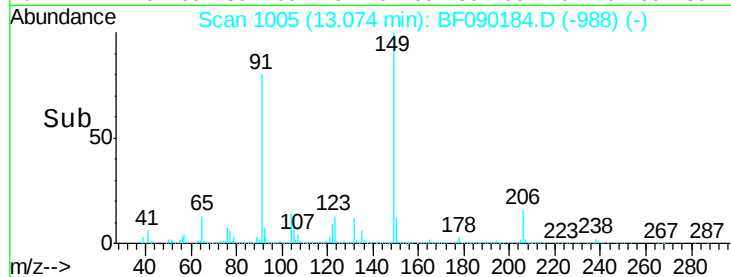
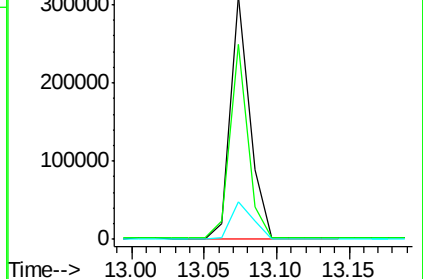
206 15.6 16.3 24.5#



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: 19.36 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

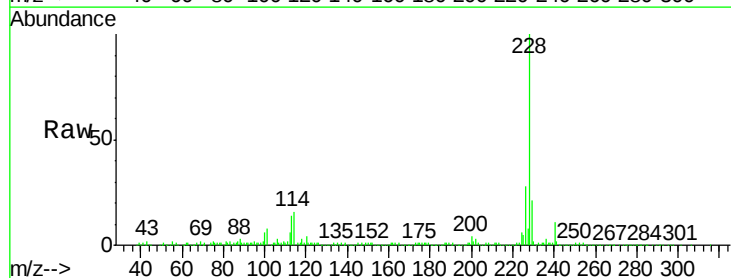
Tgt Ion:228 Resp: 331950

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

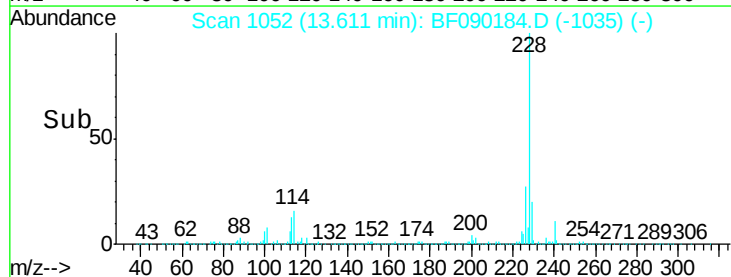
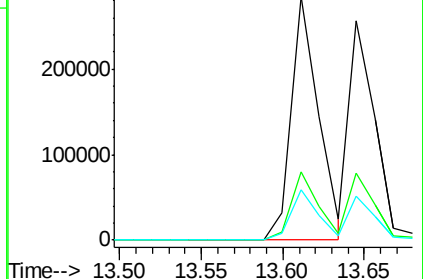
229 20.6 16.2 24.2

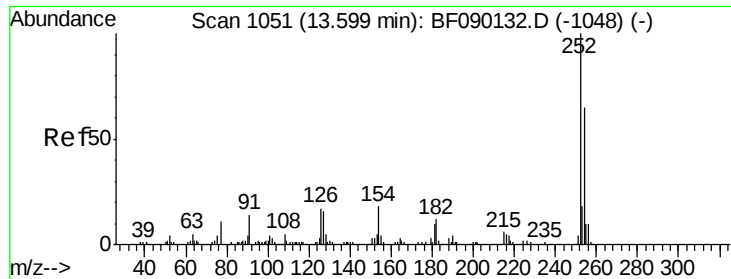


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

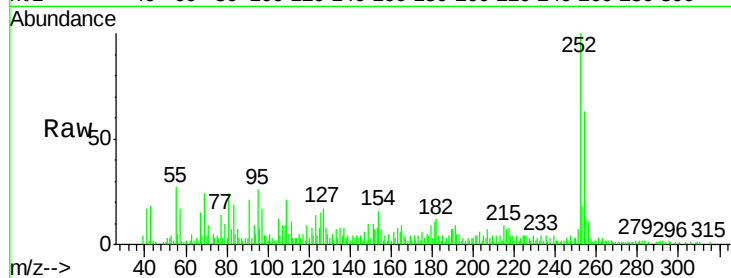




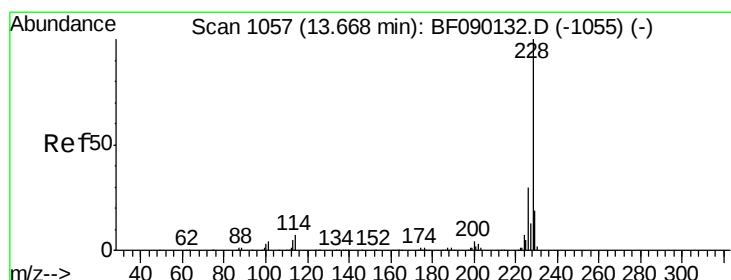
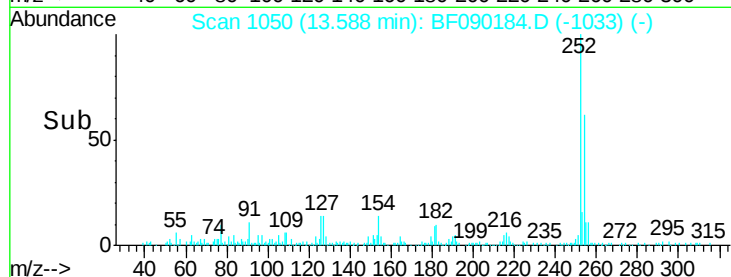
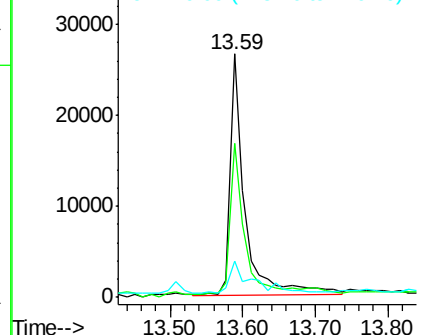
#81
 3,3'-Dichlorobenzidine
 Concen: 5.29 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tgt Ion:252 Resp: 37442
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.7 76.1
 126 15.1 9.2 13.8#

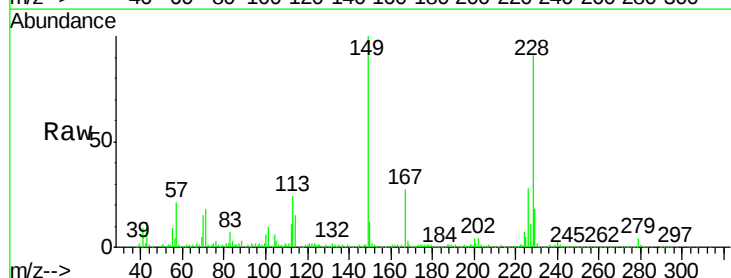


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

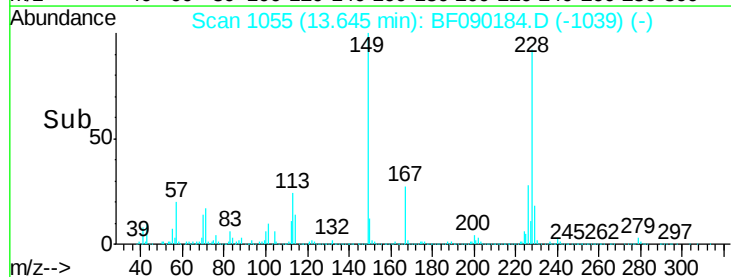
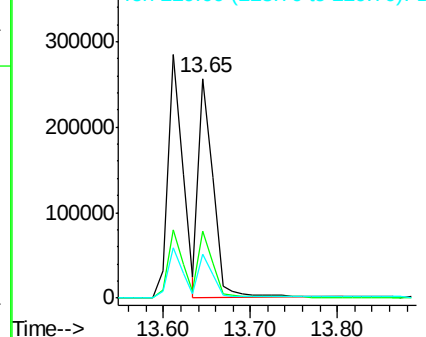


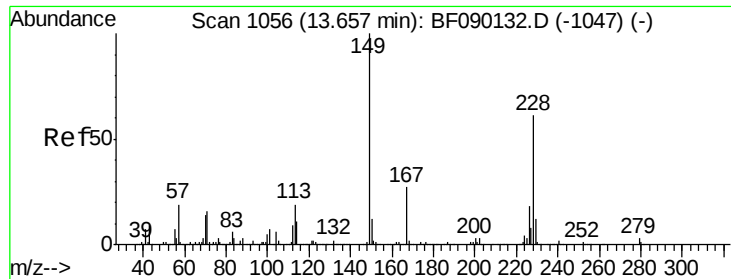
#82
 Chrysene
 Concen: 17.81 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion:228 Resp: 297460
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.6 37.0
 229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

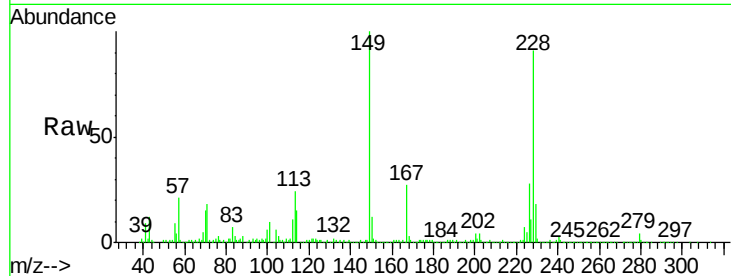




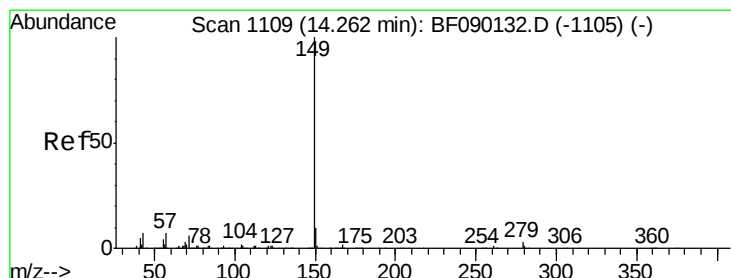
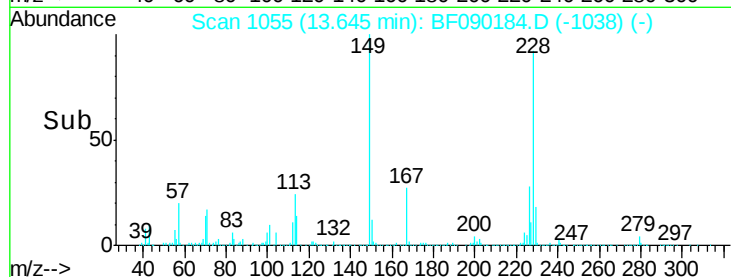
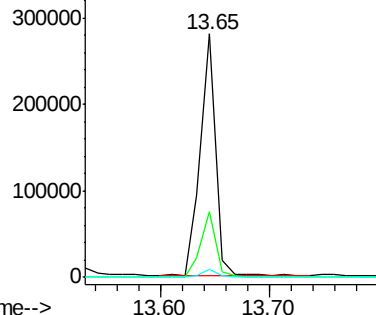
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.79 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.2	31.8
279	3.6	2.2	3.2#

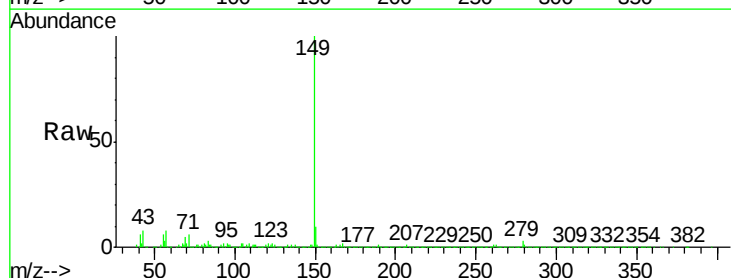


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

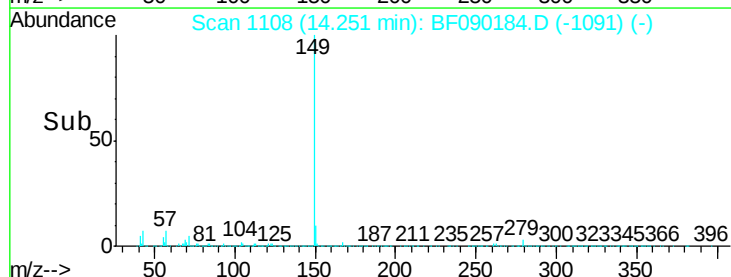
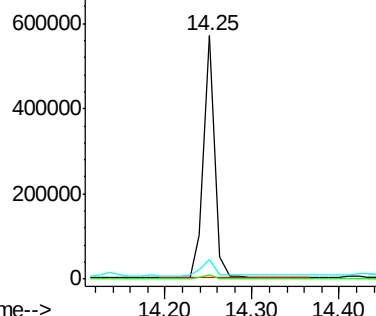


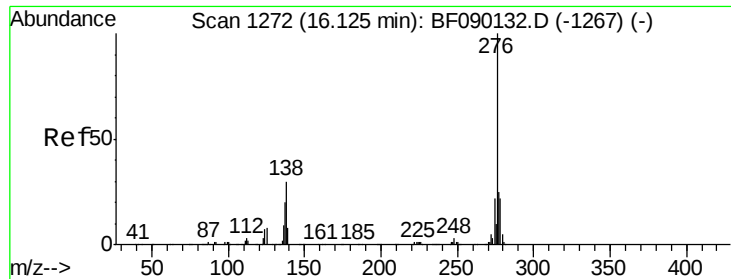
#84
 Di-n-octyl phthalate
 Concen: 21.37 ng
 RT: 14.25 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	7.6	6.8	10.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

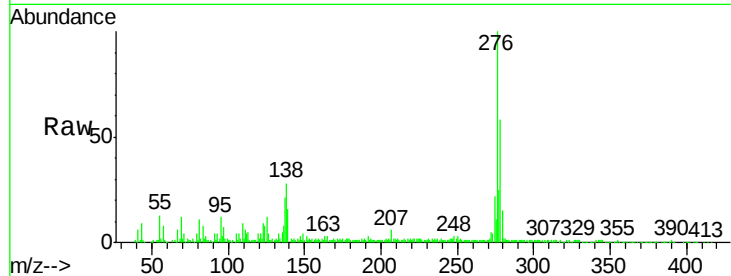




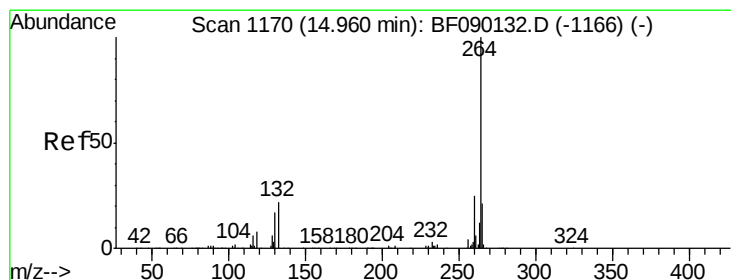
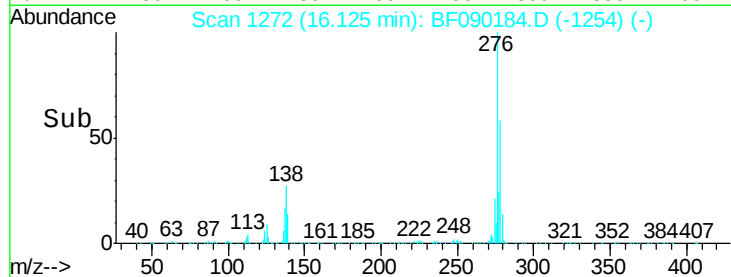
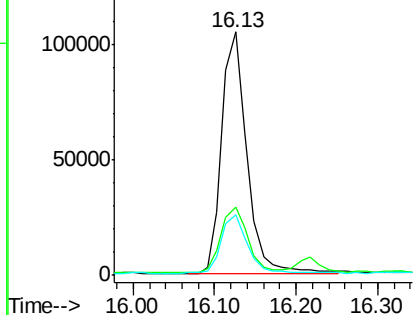
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.65 ng
 RT: 16.13 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampled :
 SS-3MS

Tgt Ion: 276 Resp: 224805
 Ion Ratio Lower Upper
 276 100
 138 28.7 25.9 38.9
 277 25.8 19.9 29.9

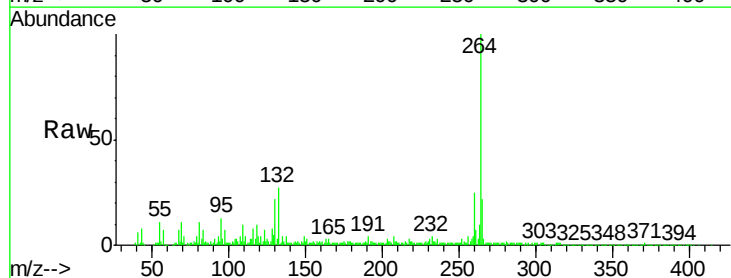


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

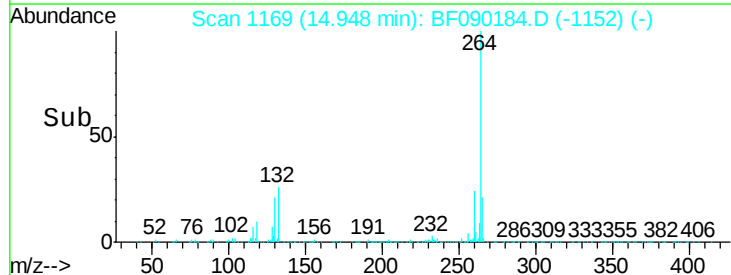
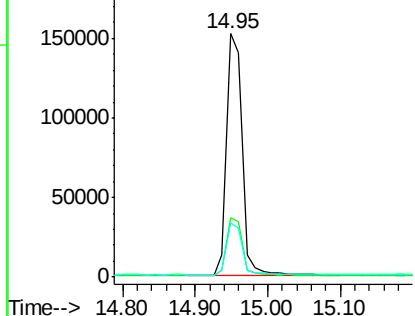


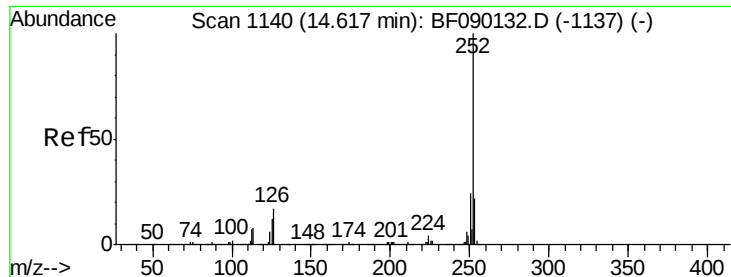
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion: 264 Resp: 230910
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.1 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: 41.29 ng

RT: 14.63 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

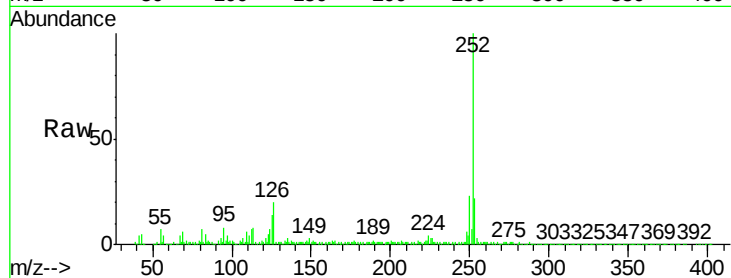
Tgt Ion:252 Resp: 527904

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

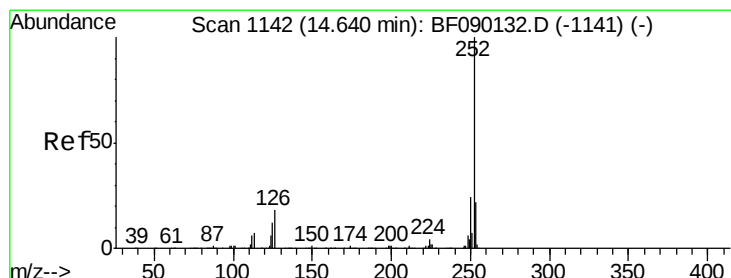
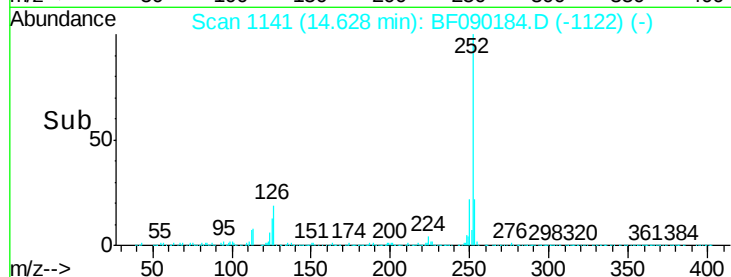
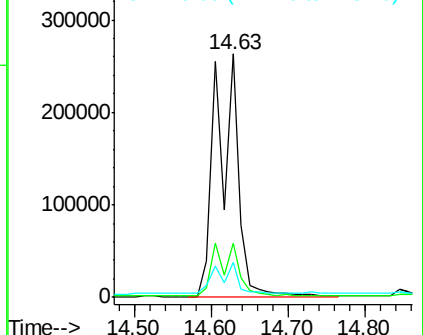
125 14.2 12.7 19.1



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: 44.07 ng

RT: 14.63 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

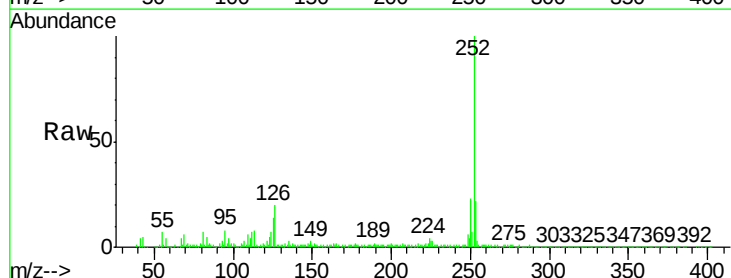
Tgt Ion:252 Resp: 528805

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

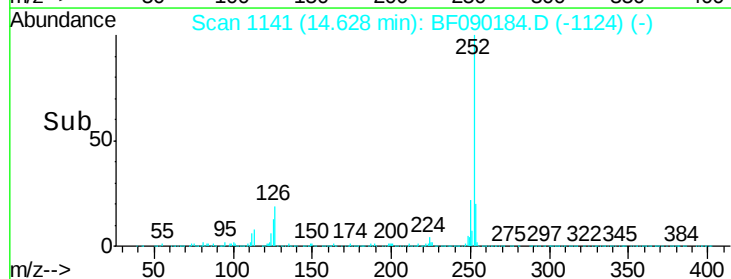
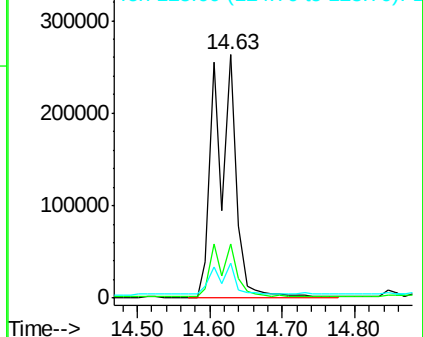
125 14.2 7.8 11.6#

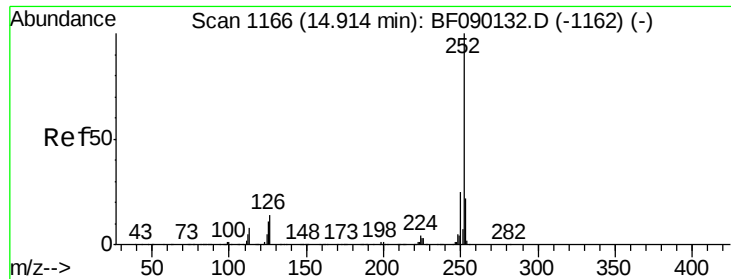


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 19.30 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

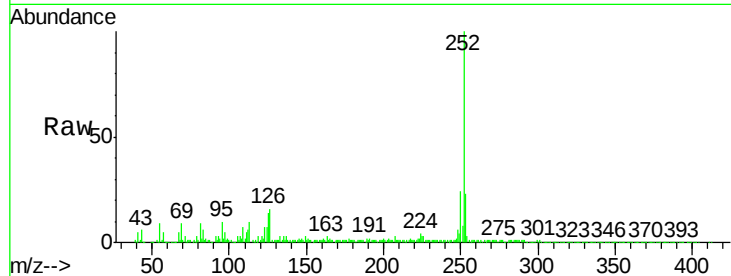
Tgt Ion:252 Resp: 232128

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

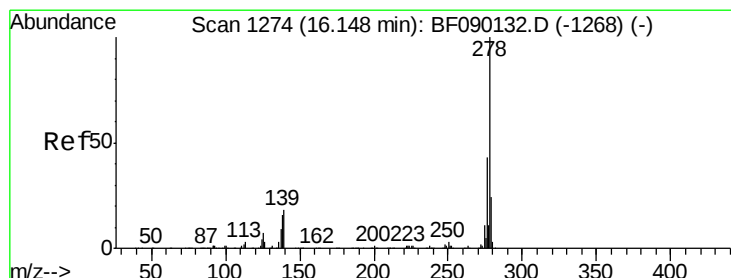
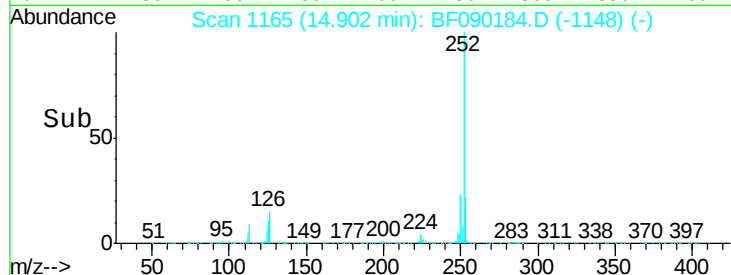
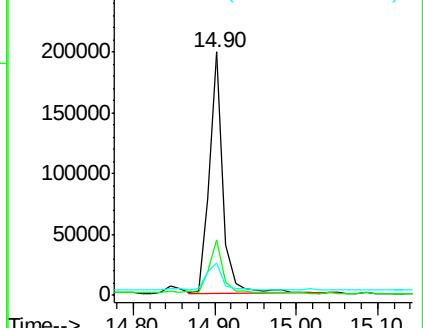
125 13.5 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 20.54 ng

RT: 16.14 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

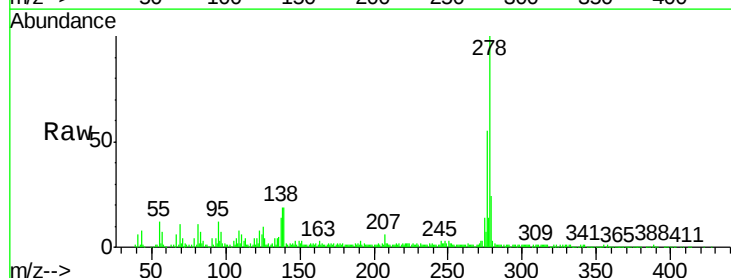
Tgt Ion:278 Resp: 192760

Ion Ratio Lower Upper

278 100

139 19.2 14.6 21.8

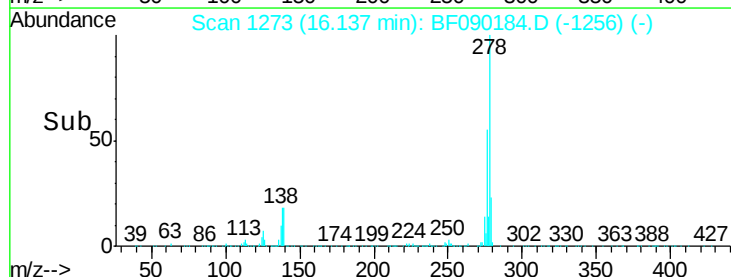
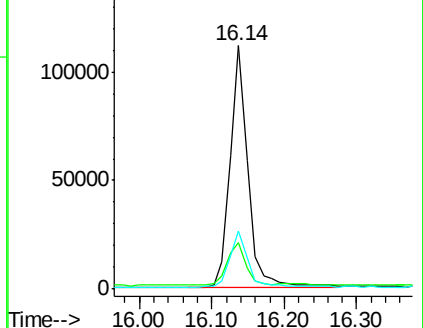
279 23.9 18.8 28.2

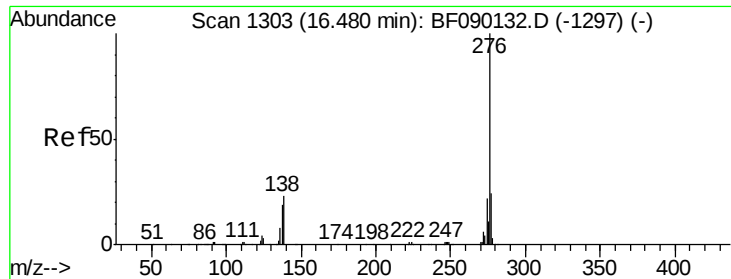


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 20.33 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

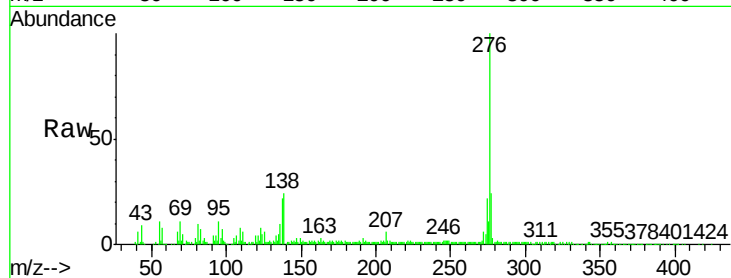
Tgt Ion: 276 Resp: 186746

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 24.2 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

