

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 04:54:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	150287m	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	544507m	20.00	ng	-0.01
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	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.07	112	508928	55.20	ng	0.00
7) Phenol-d6	6.17	99	627293	55.09	ng	0.00
23) Nitrobenzene-d5	7.08	82	390784	41.60	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	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.91	88	70759	14.14	ng	97
3) Pyridine	2.52	79	208543	19.22	ng	98
4) n-Nitrosodimethylamine	2.46	42	72882	22.51	ng	94
6) Aniline	6.17	93	139051m	9.80	ng	
8) 2-Chlorophenol	6.30	128	194263	18.31	ng	85
9) Benzaldehyde	6.04	77	19143	3.86	ng	98
10) Phenol	6.18	94	266313m	19.78	ng	
11) bis(2-Chloroethyl)ether	6.25	93	202739	19.31	ng	97
12) 1,3-Dichlorobenzene	6.44	146	205238m	18.52	ng	
13) 1,4-Dichlorobenzene	6.52	146	203994m	18.03	ng	
14) 1,2-Dichlorobenzene	6.68	146	183430	18.20	ng	99
15) Benzyl Alcohol	6.67	79	134973m	19.88	ng	
16) 2,2'-oxybis(1-Chloropropan	6.81	45	227520m	18.14	ng	
17) 2-Methylphenol	6.80	107	149703	17.92	ng	98
18) Hexachloroethane	7.02	117	55681	13.80	ng	93
19) n-Nitroso-di-n-propylamine	6.94	70	125490m	18.76	ng	
20) 3+4-Methylphenols	6.96	107	188485	18.79	ng	97
22) Acetophenone	6.92	105	228393	17.39	ng	# 93
24) Nitrobenzene	7.10	77	170654	17.44	ng	99
25) Isophorone	7.35	82	359816	18.33	ng	98
26) 2-Nitrophenol	7.42	139	77577	16.10	ng	94
27) 2,4-Dimethylphenol	7.48	122	155565	18.17	ng	94
28) bis(2-Chloroethoxy)methane	7.56	93	214507	18.07	ng	98
29) 2,4-Dichlorophenol	7.67	162	144360	19.22	ng	90
30) 1,2,4-Trichlorobenzene	7.75	180	148319	19.77	ng	97
31) Naphthalene	7.82	128	497709	19.20	ng	99
32) Benzoic acid	7.58	122	37724	6.42	ng	91
33) 4-Chloroaniline	7.88	127	108485	10.09	ng	# 94
34) Hexachlorobutadiene	7.95	225	75415	19.06	ng	97
35) Caprolactam	8.24	113	40104	16.13	ng	86
36) 4-Chloro-3-methylphenol	8.38	107	147273	17.35	ng	95
37) 2-Methylnaphthalene	8.51	142	326525	20.25	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

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 04:54:00 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

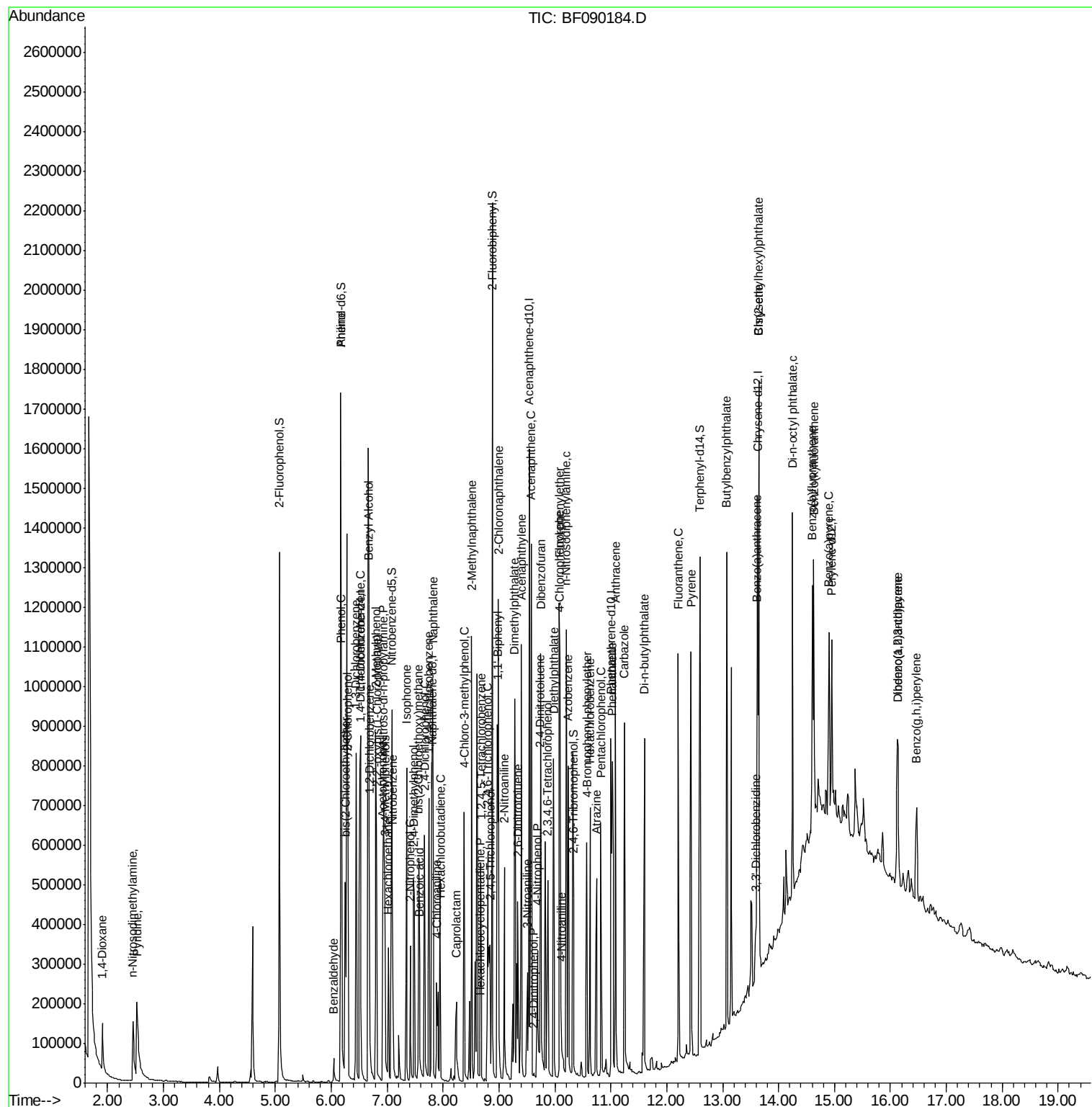
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	83269	16.49	nq	100
43) 2,4,5-Trichlorophenol	8.84	196	77706	14.86	nq	95
45) 1,1'-Biphenyl	8.97	154	370124	16.75	nq	98
46) 2-Chloronaphthalene	8.99	162	325114	19.95	nq	99
47) 2-Nitroaniline	9.10	65	100370	20.43	nq	88
48) Acenaphthylene	9.40	152	502822	19.00	nq	98
49) Dimethylphthalate	9.28	163	470977	23.95	nq	98
50) 2,6-Dinitrotoluene	9.34	165	65246	14.88	nq	89
51) Acenaphthene	9.58	154	298480	19.00	nq	98
52) 3-Nitroaniline	9.51	138	75469	14.68	nq	93
53) 2,4-Dinitrophenol	9.62	184	1272	3.65	nq	# 8
54) Dibenzofuran	9.75	168	437990	21.18	nq	98
55) 4-Nitrophenol	9.69	139	84441	23.98	nq	100
56) 2,4-Dinitrotoluene	9.74	165	77384	14.93	nq	99
57) Fluorene	10.08	166	304354	19.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	72837	18.60	nq	95
59) Diethylphthalate	9.98	149	331828	17.47	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	136965	19.28	nq	# 77
61) 4-Nitroaniline	10.11	138	72255	13.79	nq	99
62) Azobenzene	10.24	77	363037	18.36	nq	98
65) n-Nitrosodiphenylamine	10.20	169	279569	20.89	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	80262	20.04	nq	96
67) Hexachlorobenzene	10.63	284	85273	18.27	nq	95
68) Atrazine	10.74	200	76260	20.80	nq	99
69) Pentachlorophenol	10.82	266	84387	31.86	nq	97
70) Phenanthrene	11.03	178	390146	20.50	nq	99
71) Anthracene	11.08	178	428023	21.44	nq	99
72) Carbazole	11.24	167	413149	19.58	nq	98
73) Di-n-butylphthalate	11.60	149	540287	22.02	nq	# 97
74) Fluoranthene	12.21	202	433282	21.21	nq	98
77) Pyrene	12.43	202	452325	20.74	nq	98
79) Butylbenzylphthalate	13.07	149	287819	26.98	nq	# 80
80) Benzo(a)anthracene	13.61	228	331950	19.36	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	37442	5.29	nq	# 98
82) Chrysene	13.65	228	297460	17.81	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	270100	19.79	nq	# 99
84) Di-n-octyl phthalate	14.25	149	502541	21.37	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.13	276	224805	16.65	nq	96
87) Benzo(b)fluoranthene	14.61	252	266797m	20.87	nq	
88) Benzo(k)fluoranthene	14.63	252	260062m	21.67	nq	
89) Benzo(a)pyrene	14.90	252	232128	19.30	nq	# 96
90) Dibenzo(a,h)anthracene	16.14	278	192760	20.54	nq	99
91) Benzo(g,h,i)perylene	16.47	276	186746	20.33	nq	95

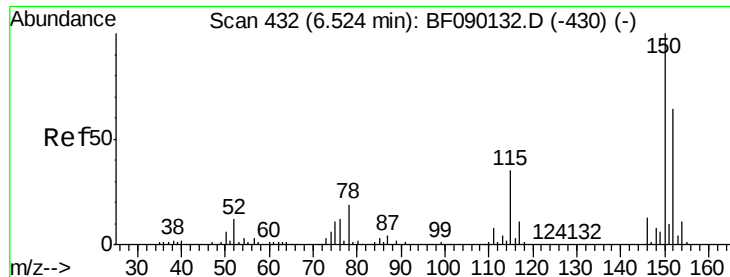
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 04:54:00 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



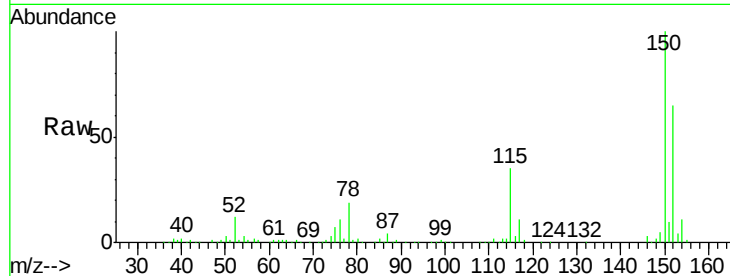


#1

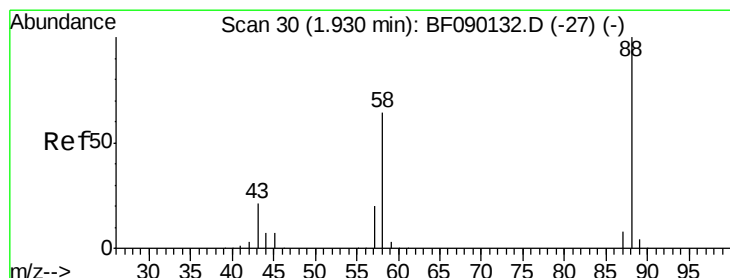
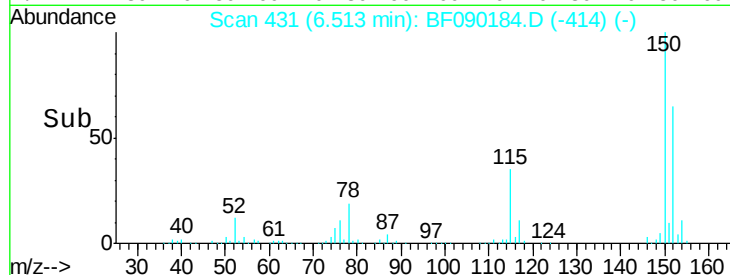
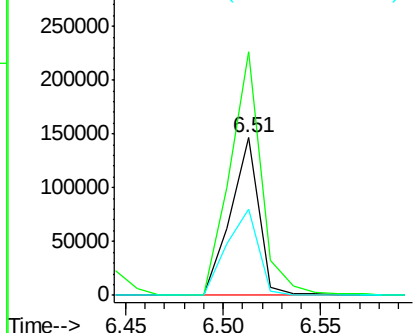
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/ml
 RT: 6.51 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tot Ion:152 Resp: 150287
 Ion Ratio Lower Upper
 152 100
 150 154.5 128.9 193.3
 115 54.7 55.5 83.3#



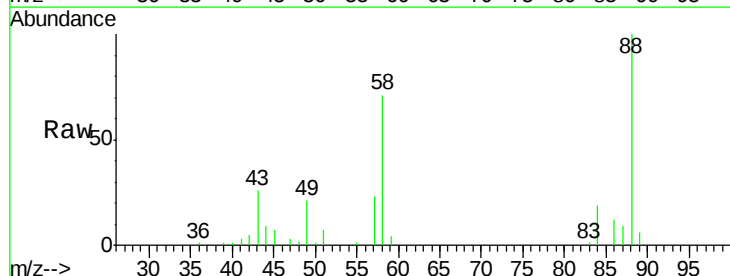
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



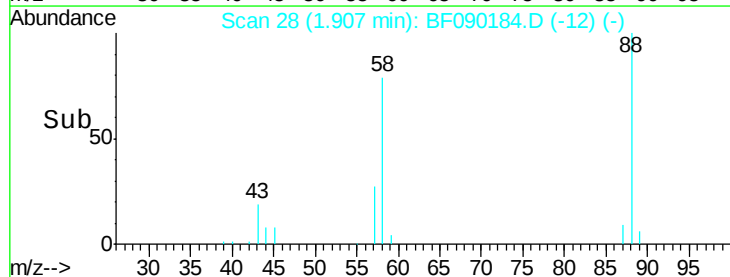
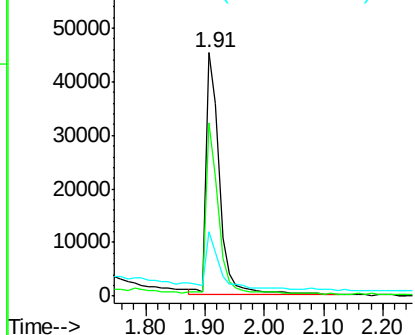
#2

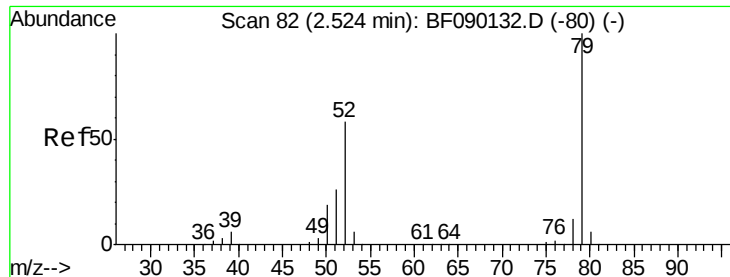
1,4-Dioxane
 Concen: 14.14 ng
 RT: 1.91 min Scan# 28
 Delta R.T. -0.02 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

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

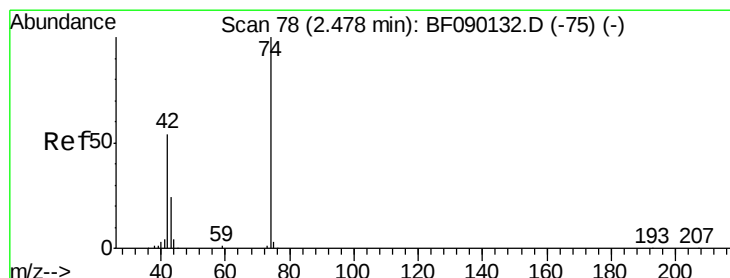
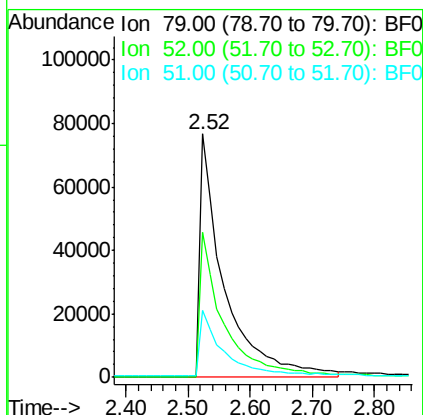
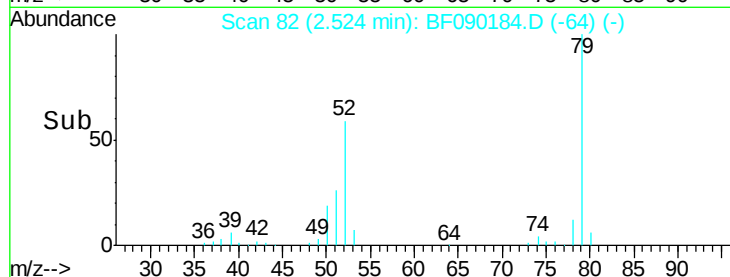
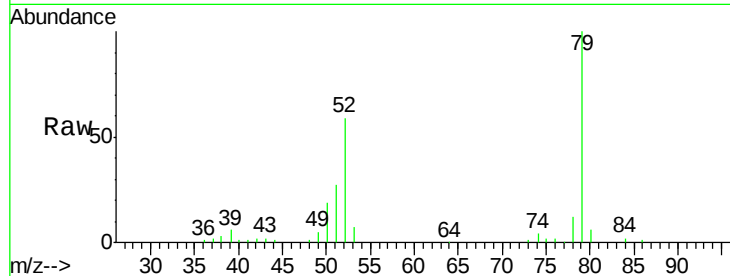




#3
 Pvridine
 Concen: 19.22 ng
 RT: 2.52 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

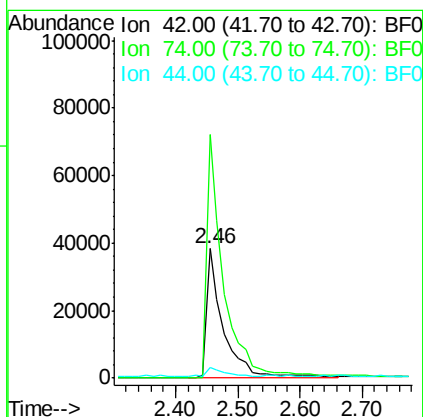
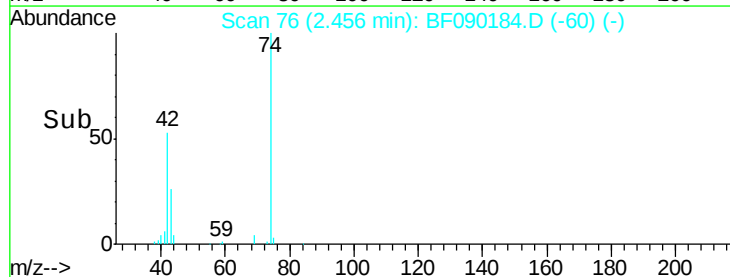
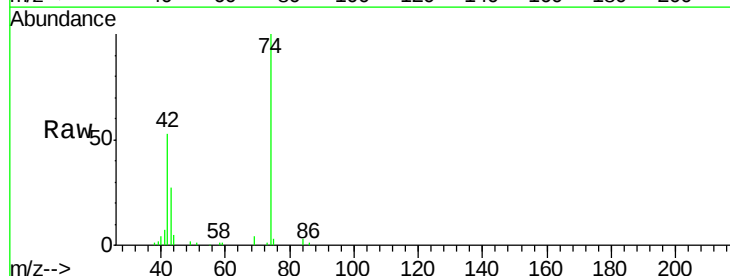
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

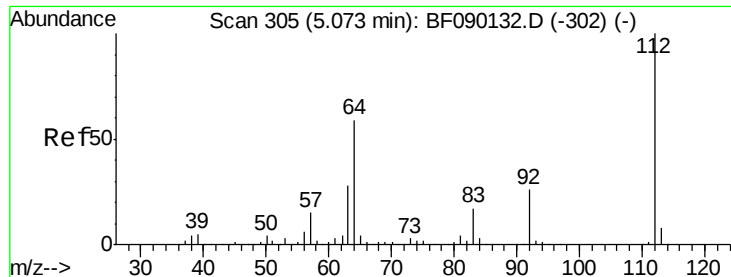
Tot Ion:	79	Resp:	208543
Ion	Ratio	Lower	Upper
79	100		
52	59.3	45.9	68.9
51	27.3	21.3	31.9



#4
 n-Nitrosodimethylamine
 Concen: 22.51 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: 55.20 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

ClientSampled :

SS-3MS

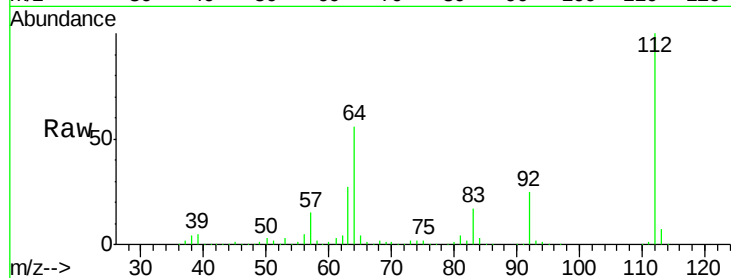
Tot Ion: 112 Resp: 508928

Ion Ratio Lower Upper

112 100

64 55.9 39.8 59.6

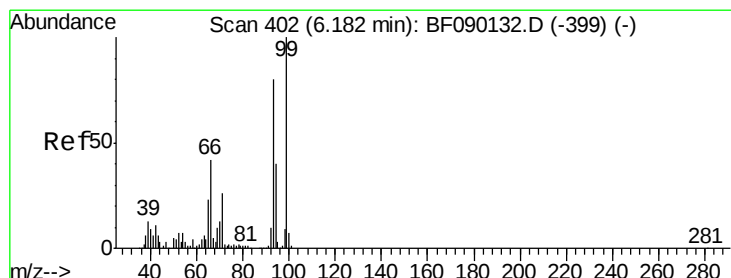
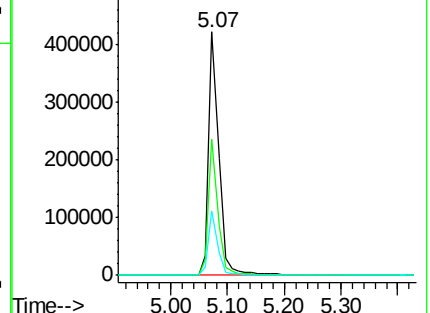
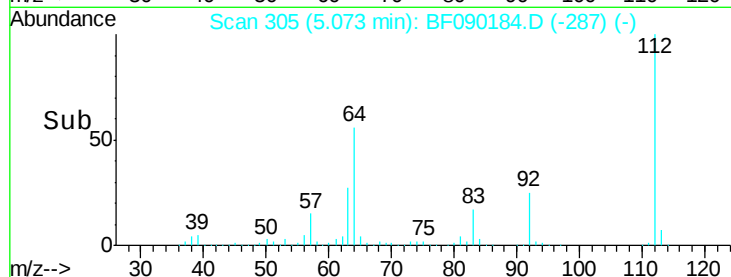
63 26.6 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.80 ng m

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

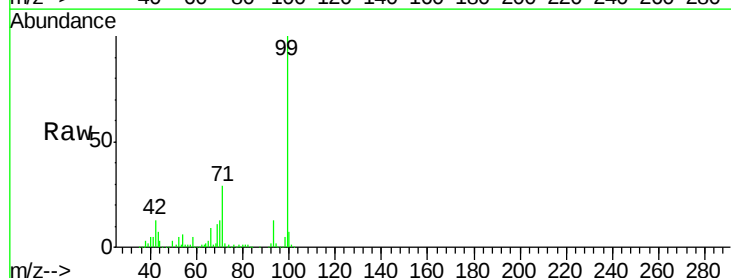
Tgt Ion: 93 Resp: 139051

Ion Ratio Lower Upper

93 100

66 67.3 54.2 81.2

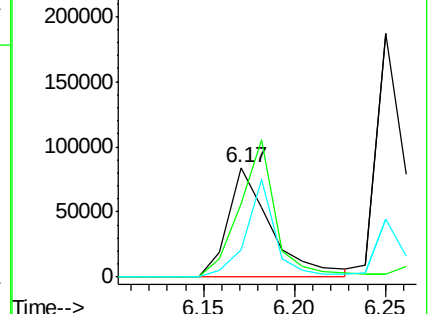
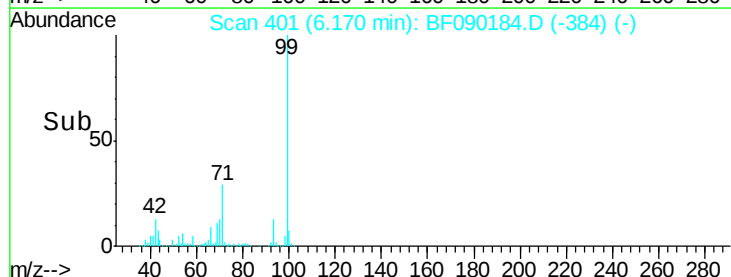
65 25.1 33.8 50.6#

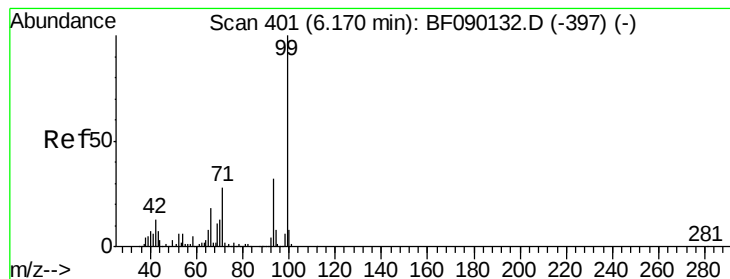


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 55.09 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

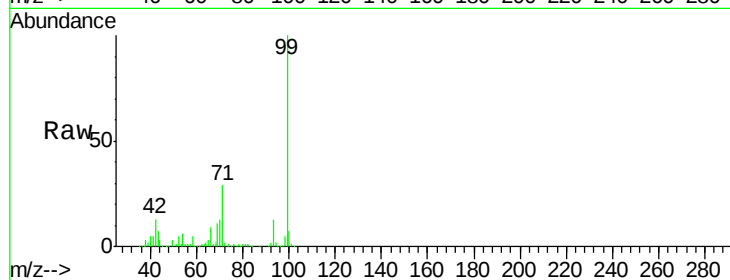
Tot Ion: 99 Resp: 627293

Ion Ratio Lower Upper

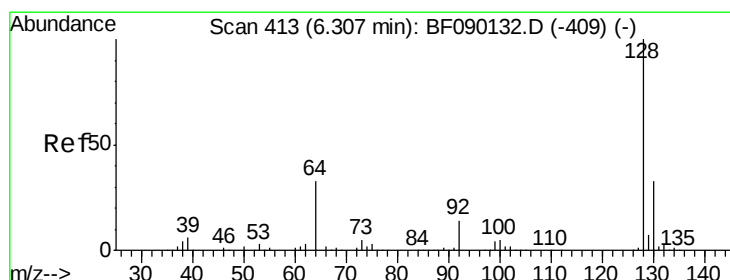
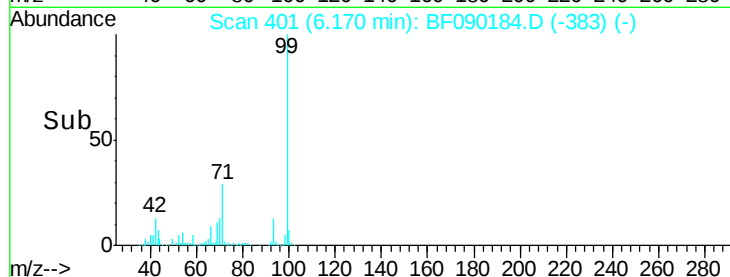
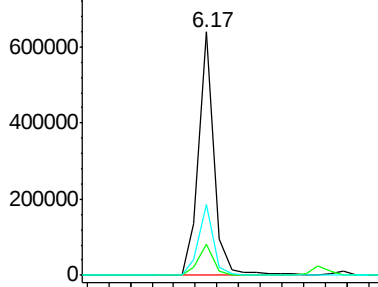
99 100

42 12.7 10.6 15.8

71 28.9 23.0 34.6



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



#8

2-Chlorophenol

Concen: 18.31 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

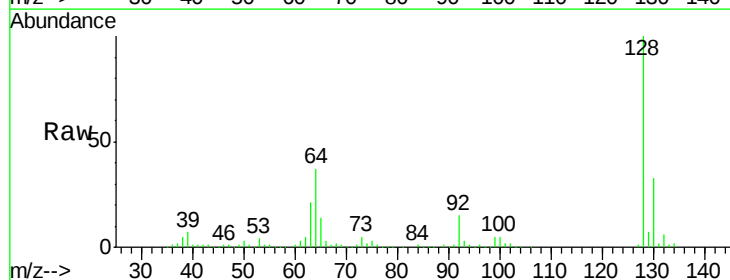
Tgt Ion: 128 Resp: 194263

Ion Ratio Lower Upper

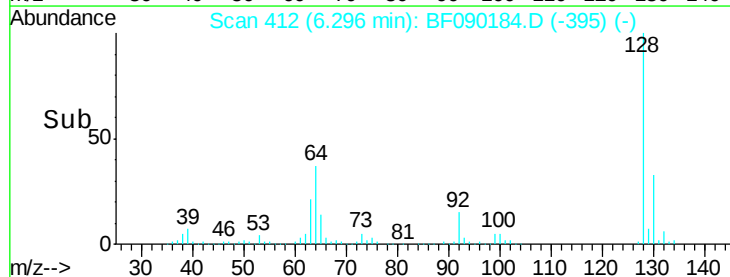
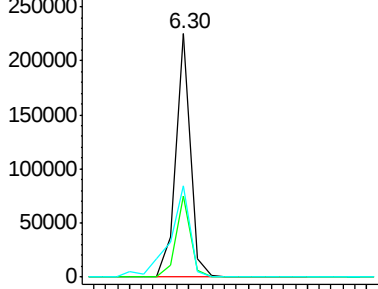
128 100

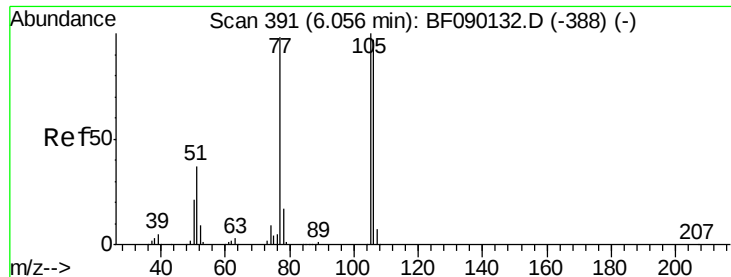
130 33.1 12.0 52.0

64 37.3 33.6 73.6



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





#9

Benzaldehyde

Concen: 3.86 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

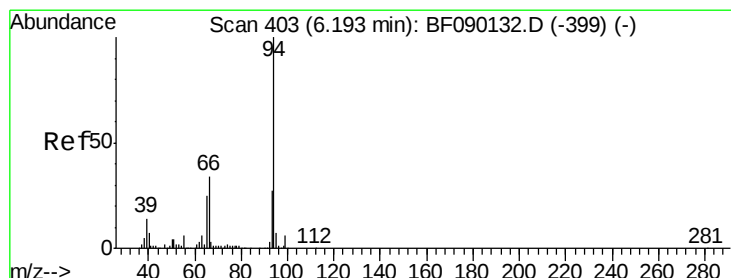
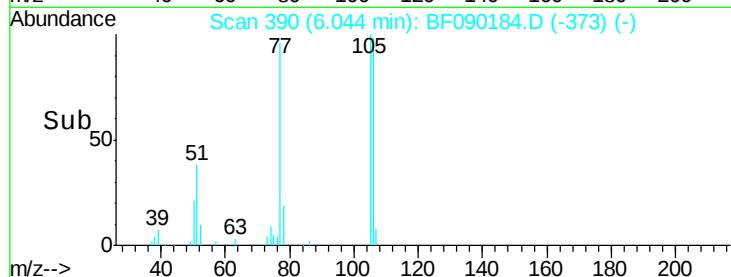
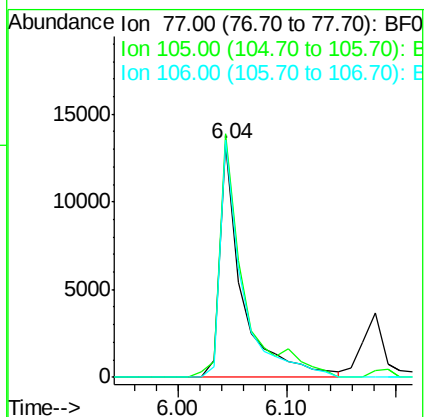
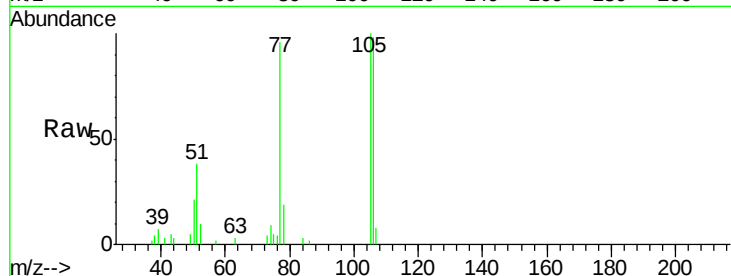
Tot Ion: 77 Resp: 19143

Ion Ratio Lower Upper

77 100

105 104.1 83.0 123.0

106 101.6 78.5 118.5



#10

Phenol

Concen: 19.78 ng m

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

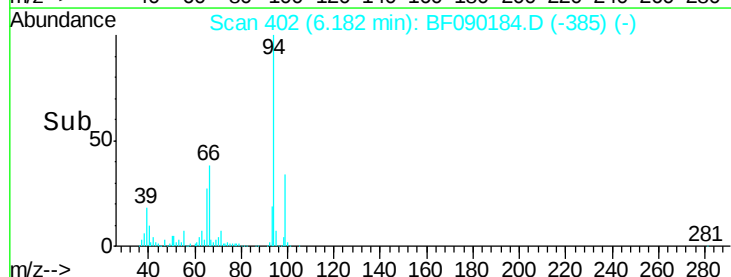
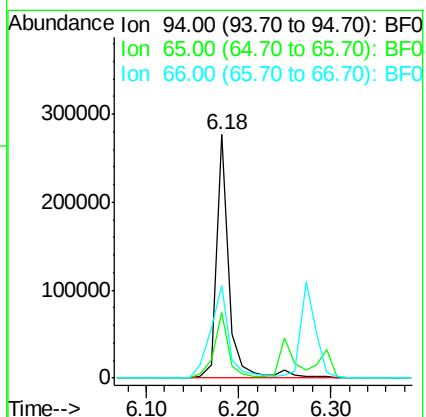
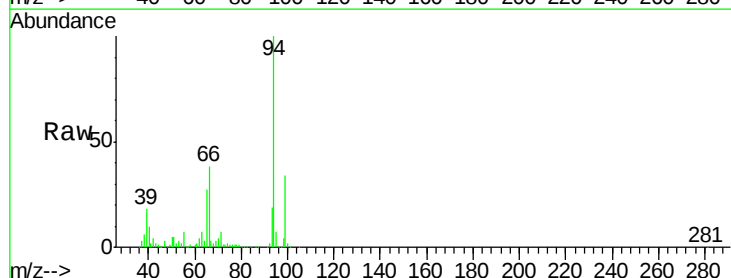
Tgt Ion: 94 Resp: 266313

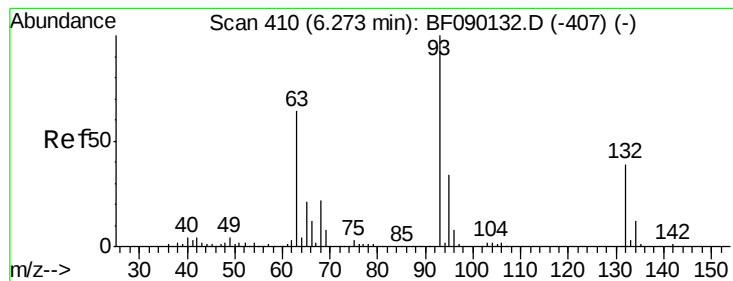
Ion Ratio Lower Upper

94 100

65 27.1 20.6 60.6

66 38.2 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 19.31 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleID :

SS-3MS

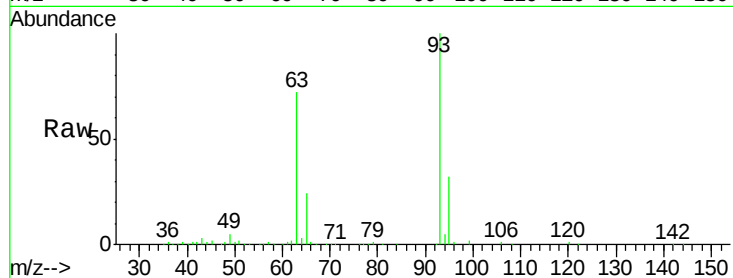
Tot Ion: 93 Resp: 202739

Ion Ratio Lower Upper

93 100

63 72.4 55.6 95.6

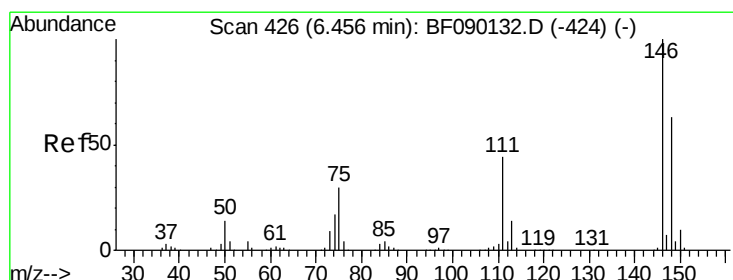
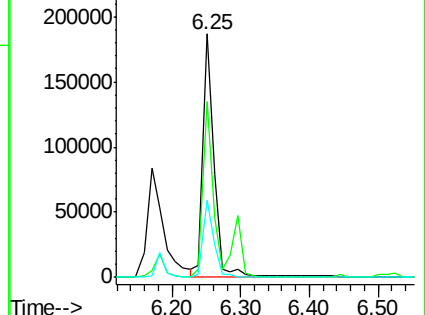
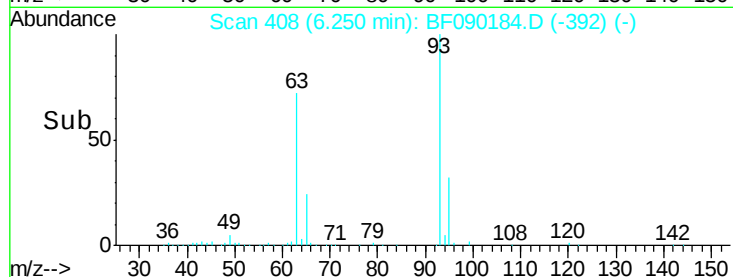
95 31.9 12.6 52.6



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: 18.52 ng m

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

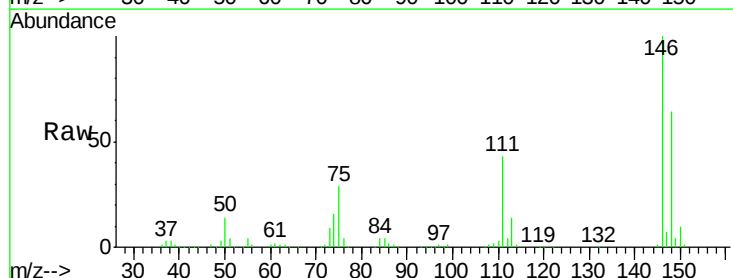
Tgt Ion: 146 Resp: 205238

Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

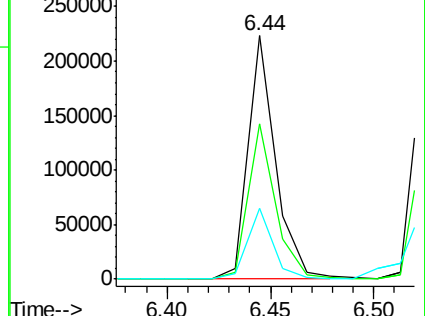
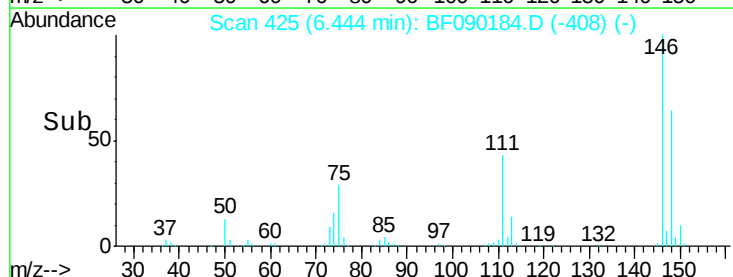
75 29.2 22.8 34.2

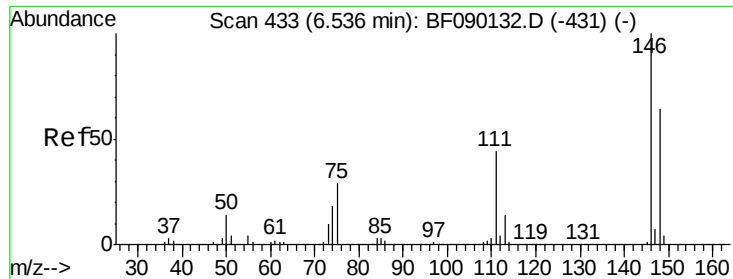


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 18.03 ng/mL

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

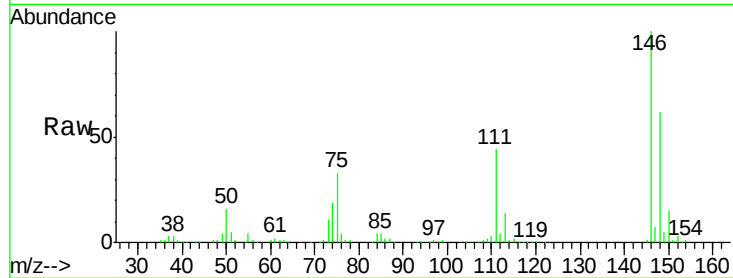
Tot Ion:146 Resp: 203994

Ion Ratio Lower Upper

146 100

148 62.4 52.0 78.0

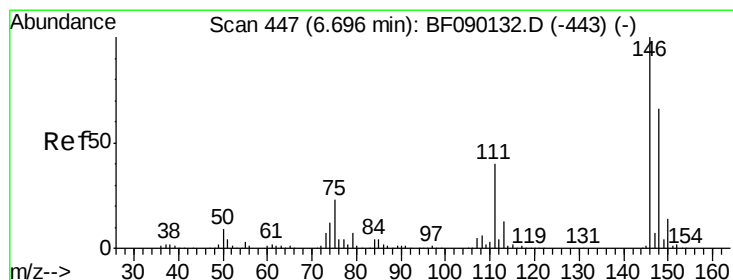
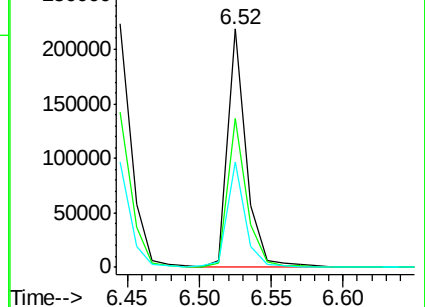
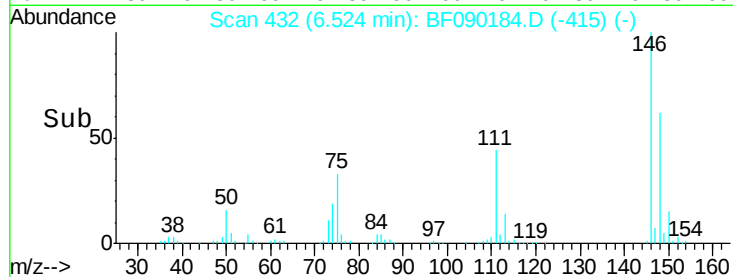
111 44.1 33.8 50.6



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: 18.20 ng/mL

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

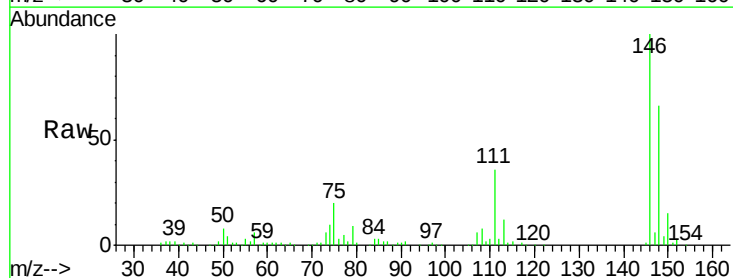
Tgt Ion:146 Resp: 183430

Ion Ratio Lower Upper

146 100

148 65.6 52.6 79.0

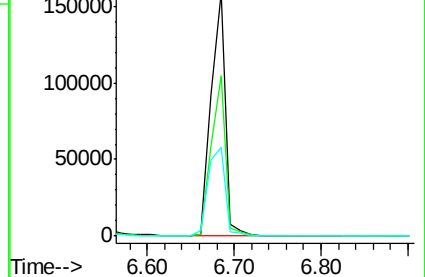
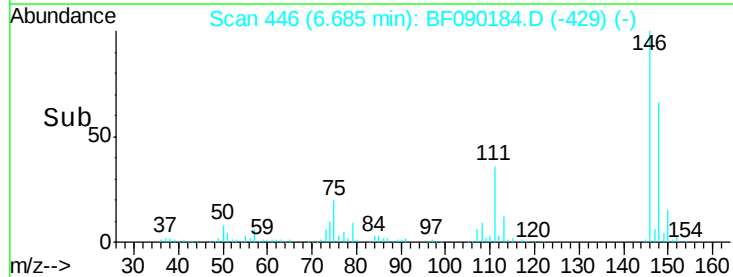
111 36.4 28.2 42.2

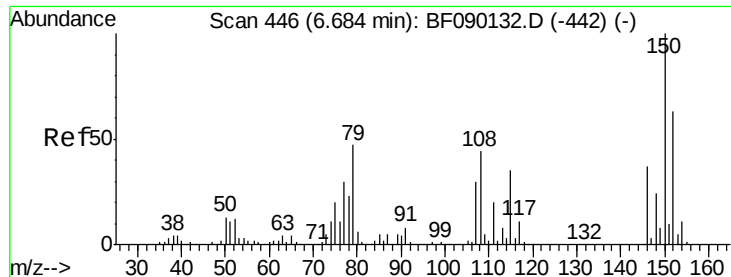


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

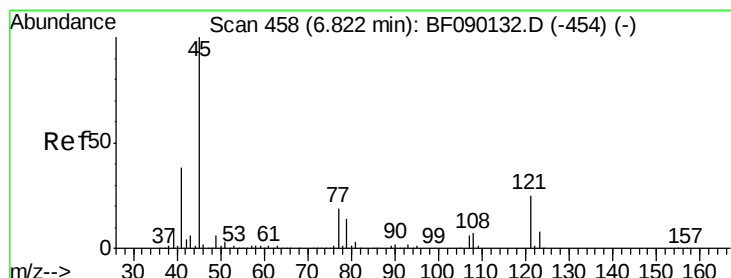
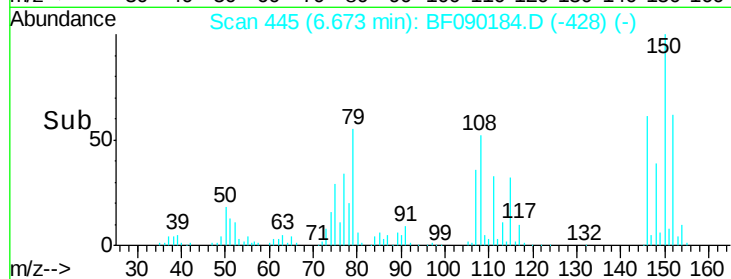
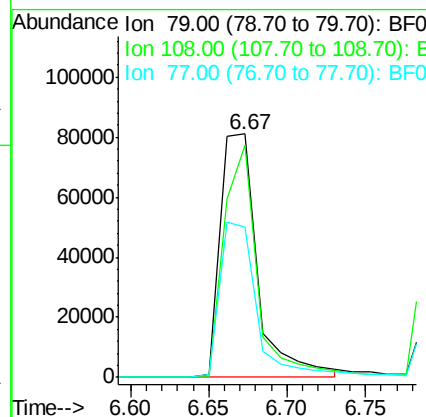
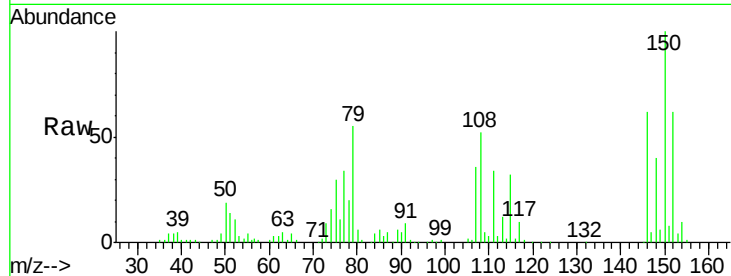




#15
Benzyl Alcohol
Concen: 19.88 ng m
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

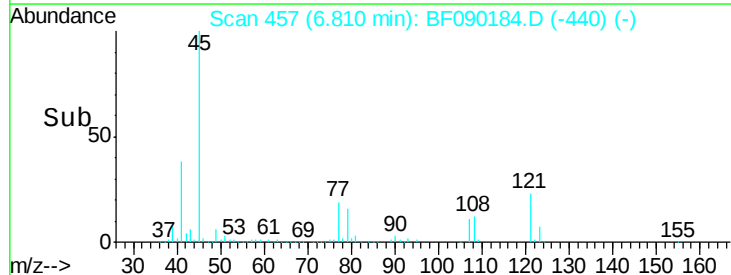
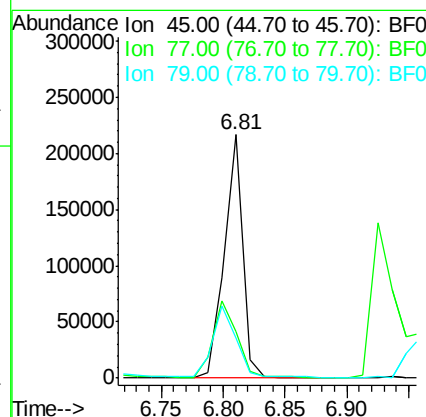
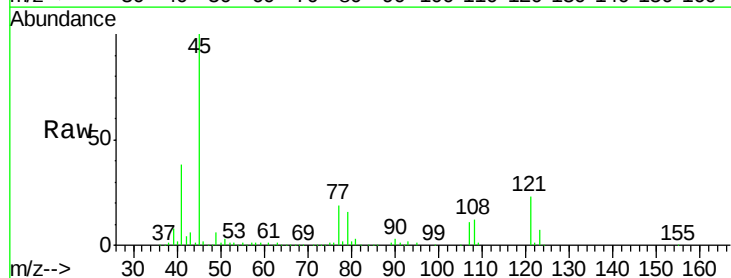
Instrument :
BNA_F
ClientSampled :
SS-3MS

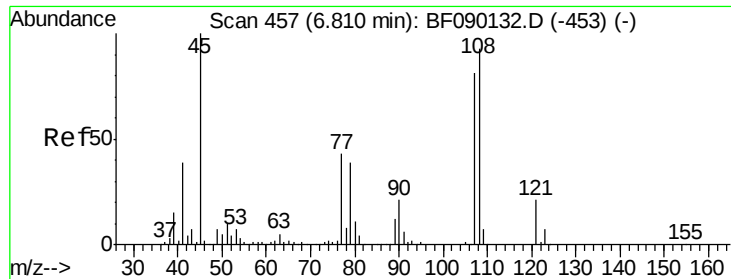
Tot Ion: 79 Resp: 134973
Ion Ratio Lower Upper
79 100
108 95.2 62.2 93.4#
77 61.9 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.14 ng m
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Tgt Ion: 45 Resp: 227520
Ion Ratio Lower Upper
45 100
77 19.0 0.5 40.5
79 16.3 0.0 37.0

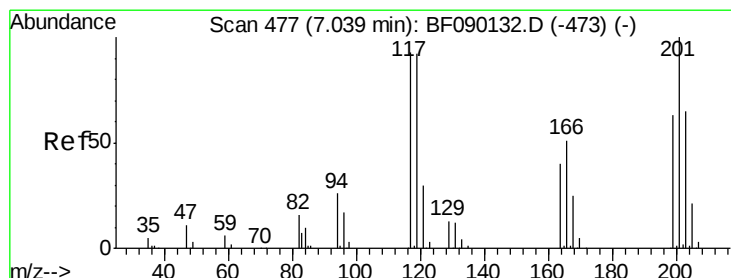
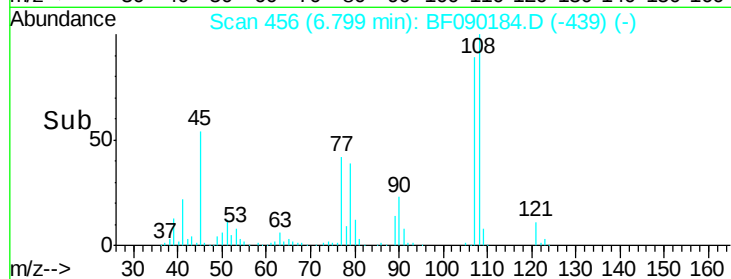
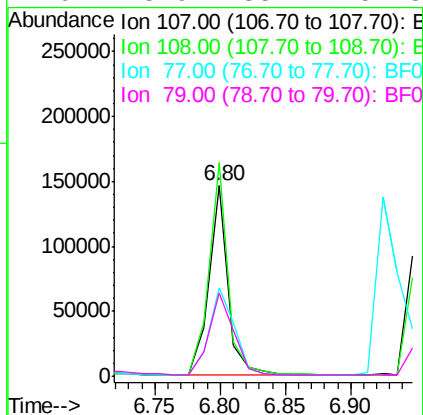
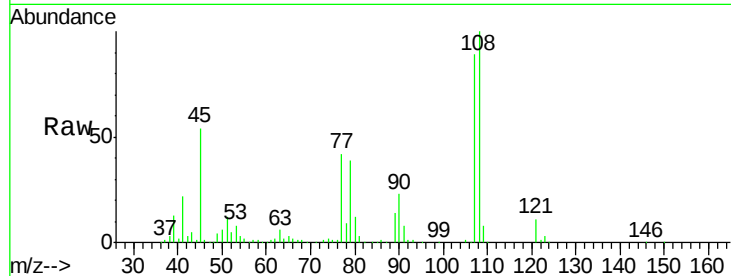




#17
2-Methylphenol
Concen: 17.92 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

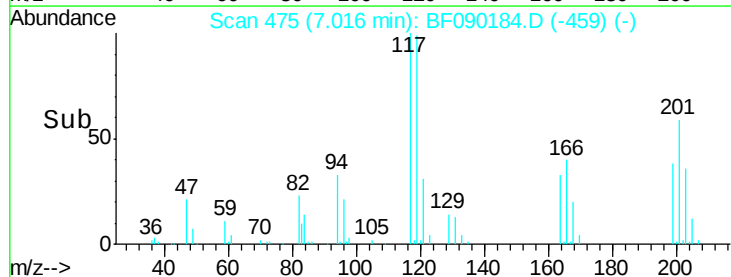
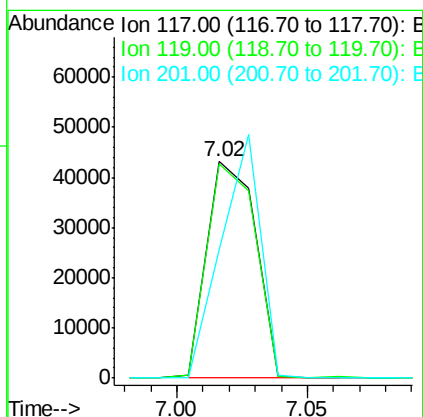
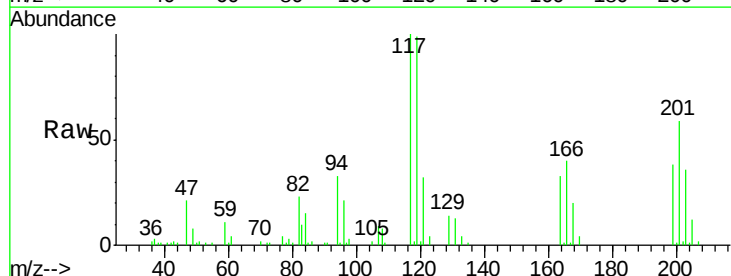
Instrument :
BNA_F
ClientSampleId :
SS-3MS

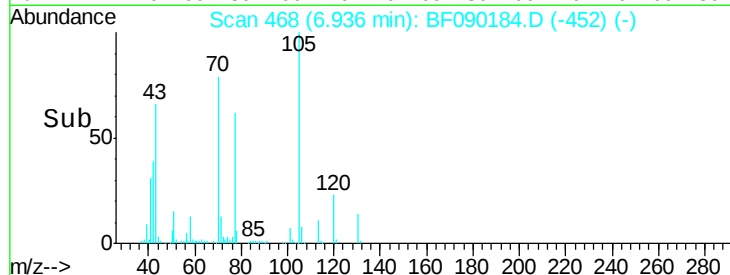
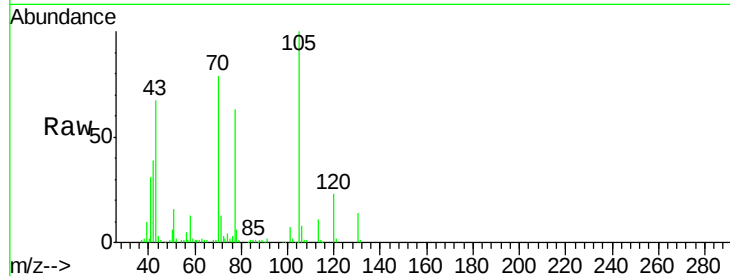
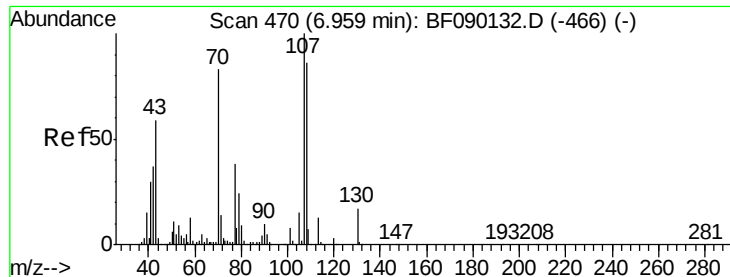
Tot Ion:	107	Resp:	149703
Ion	Ratio	Lower	Upper
107	100		
108	112.2	92.0	138.0
77	46.6	35.6	53.4
79	43.9	35.2	52.8



#18
Hexachloroethane
Concen: 13.80 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

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

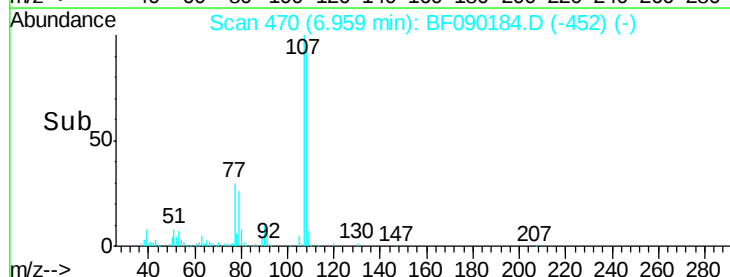
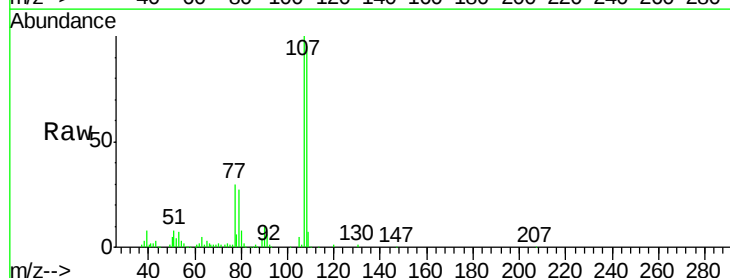
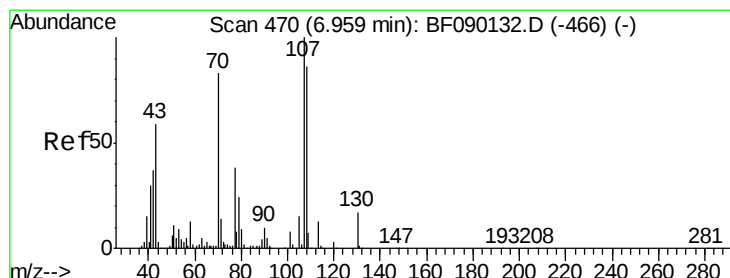
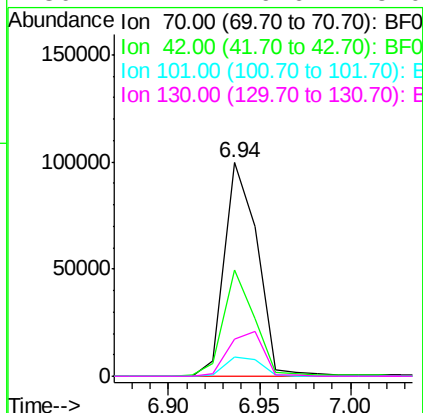




#19
n-Nitroso-di-n-propylamine
Concen: 18.76 ng/ml
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

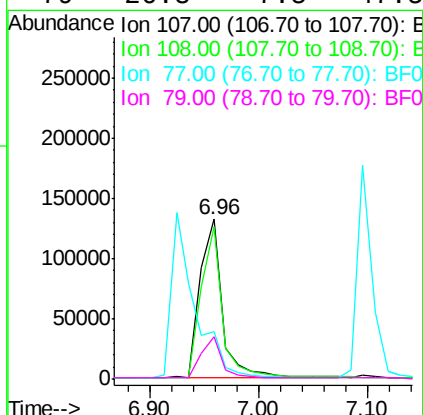
Instrument :
BNA_F
ClientSampleId :
SS-3MS

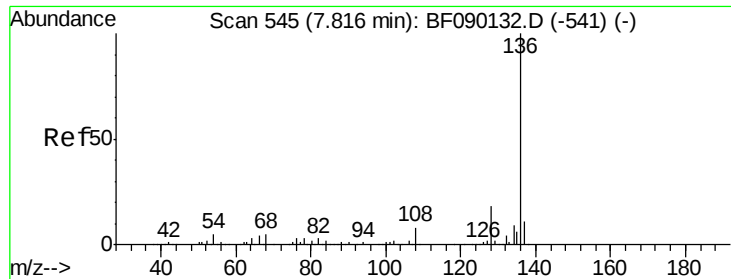
Tot Ion:	70	Resp:	125490
Ion	Ratio	Lower	Upper
70	100		
42	49.7	35.1	52.7
101	8.8	7.5	11.3
130	17.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 18.79 ng/ml
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

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





#21

Naphthalene-d8

Concen: 20.00 ng/mL

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

Tot Ion:136 Resp: 544507

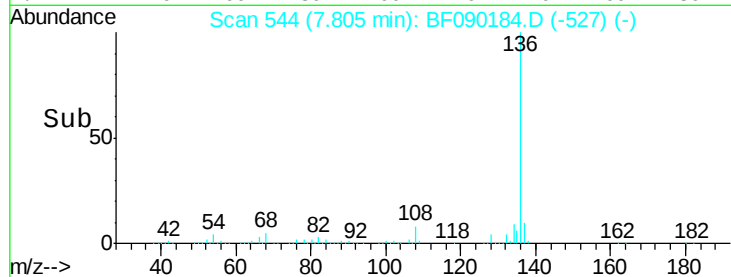
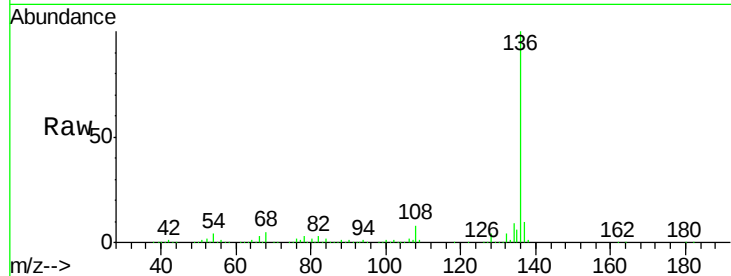
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 4.2 6.4 9.6#

68 4.5 6.3 9.5#

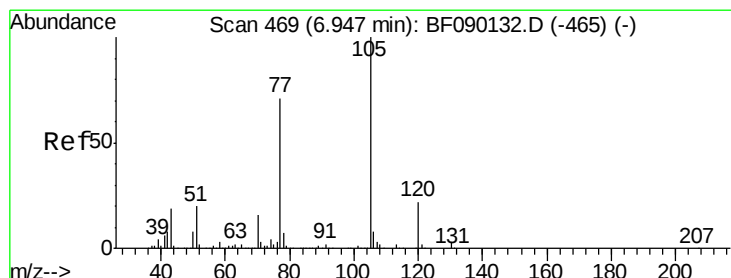
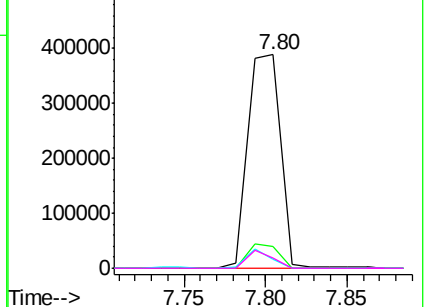


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 17.39 ng/mL

RT: 6.92 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Tgt Ion:105 Resp: 228393

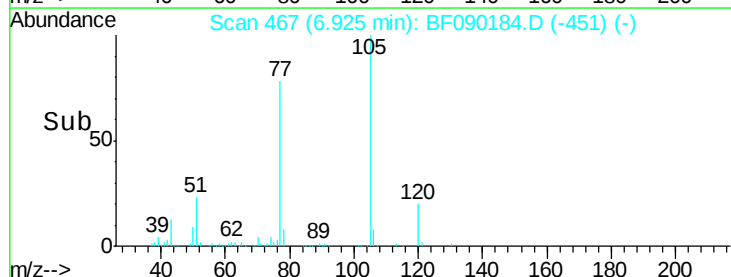
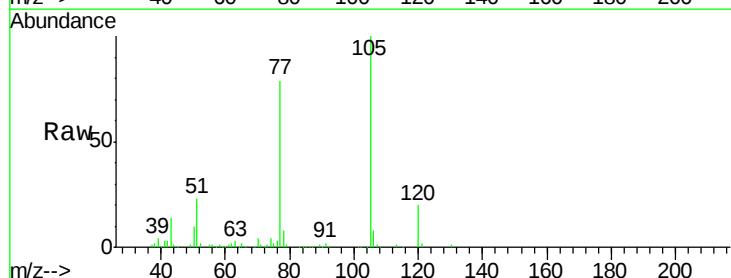
Ion Ratio Lower Upper

105 100

71 0.8 4.1 6.1#

51 23.4 16.2 24.2

120 20.3 18.2 27.2

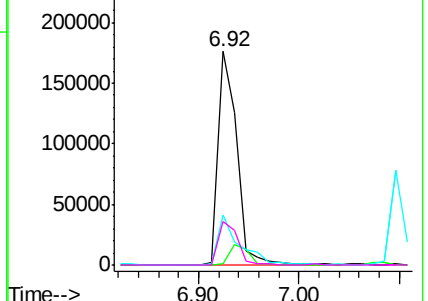


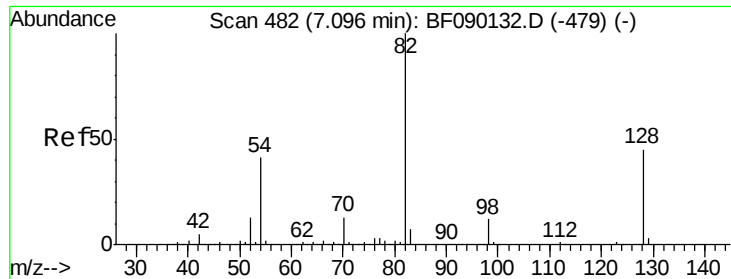
Abundance Ion 105.00 (104.70 to 105.70): E

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

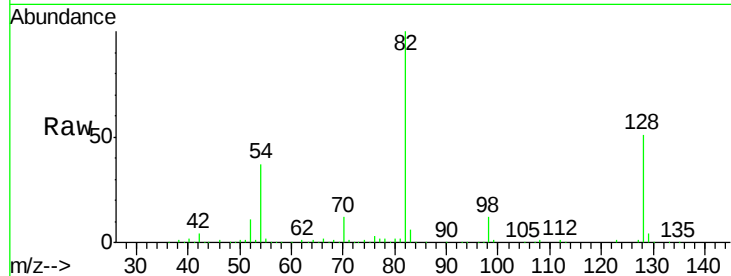




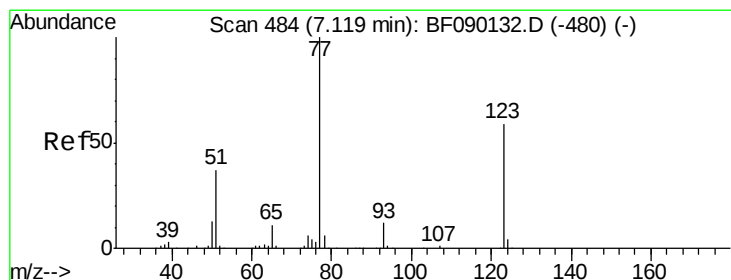
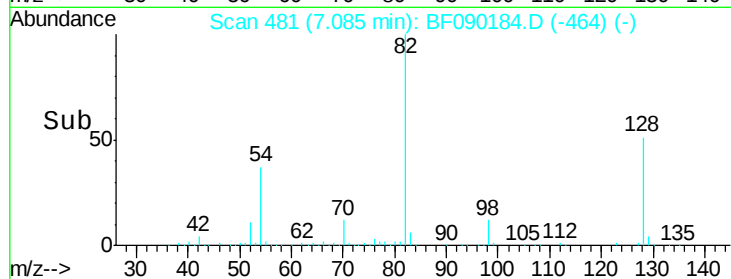
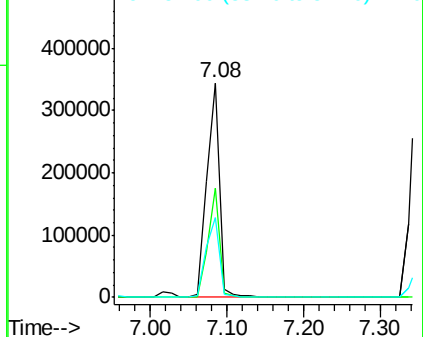
#23
 Nitrobenzene-d5
 Concen: 41.60 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tot Ion	82	Resp	390784
Ion Ratio	Lower	Upper	
82	100		
128	50.6	37.5	56.3
54	37.2	31.9	47.9



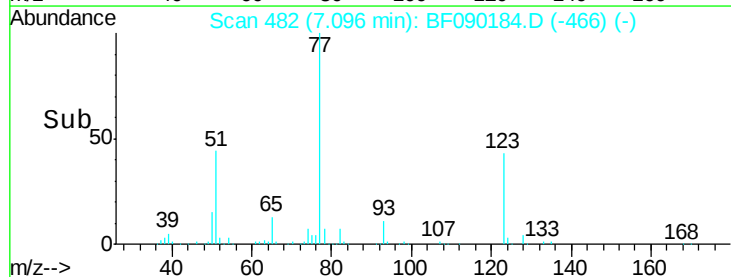
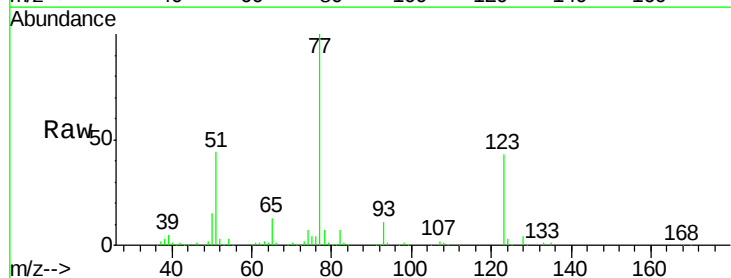
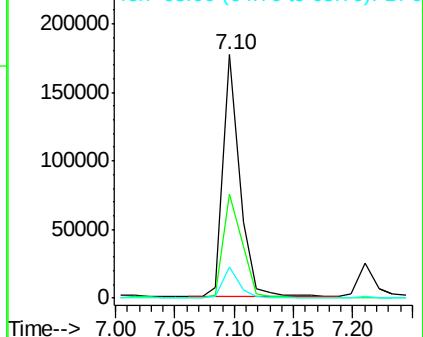
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

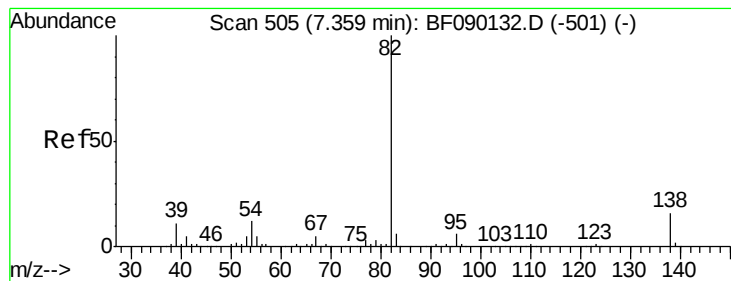


#24
 Nitrobenzene
 Concen: 17.44 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion	77	Resp	170654
Ion Ratio	Lower	Upper	
77	100		
123	42.5	33.4	50.2
65	12.8	10.1	15.1

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





#25

Isophorone

Concen: 18.33 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

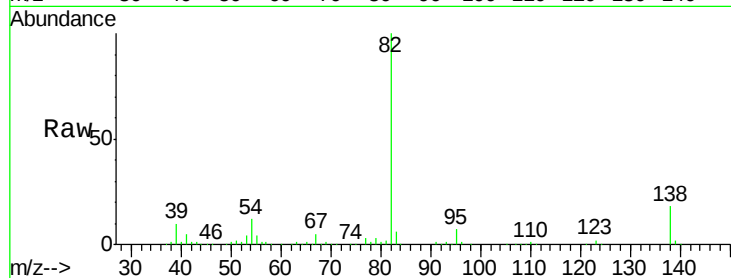
Tot Ion: 82 Resp: 359816

Ion Ratio Lower Upper

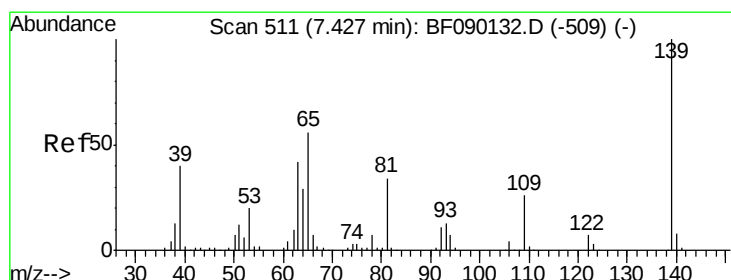
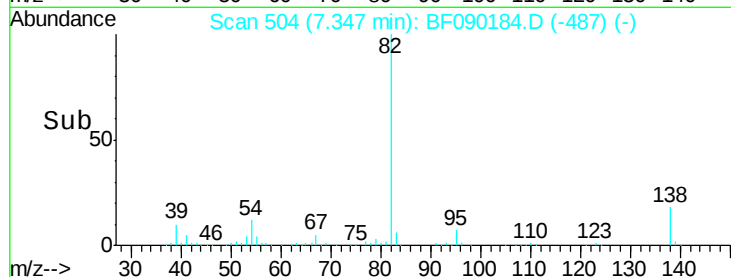
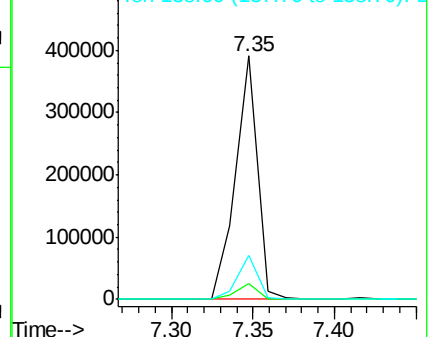
82 100

95 6.5 5.1 7.7

138 18.2 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: 16.10 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

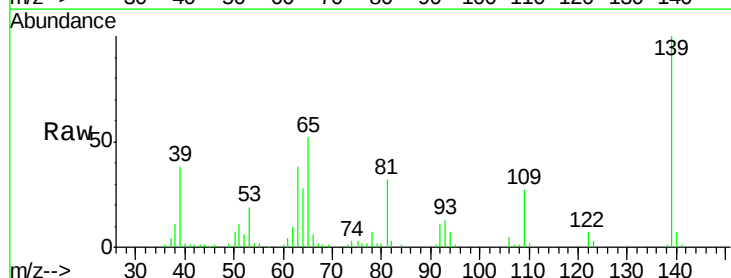
Tgt Ion: 139 Resp: 77577

Ion Ratio Lower Upper

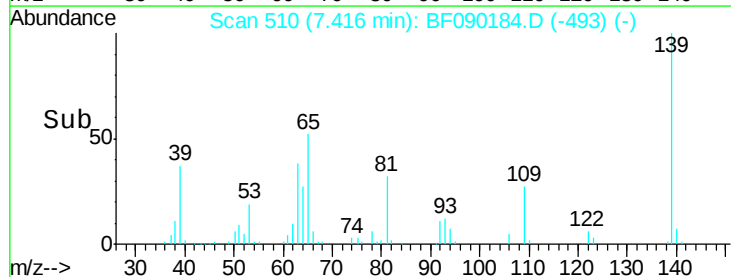
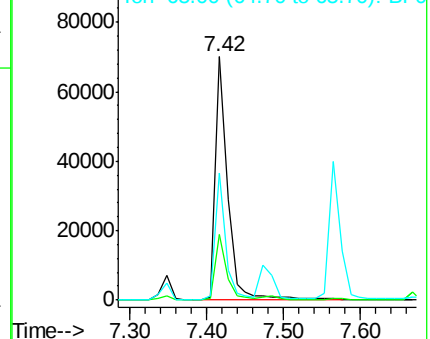
139 100

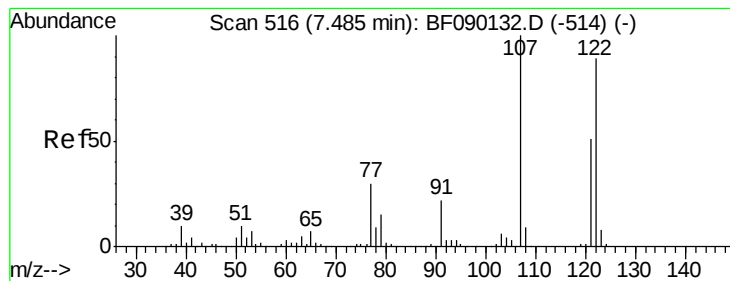
109 26.9 20.5 30.7

65 52.3 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 18.17 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

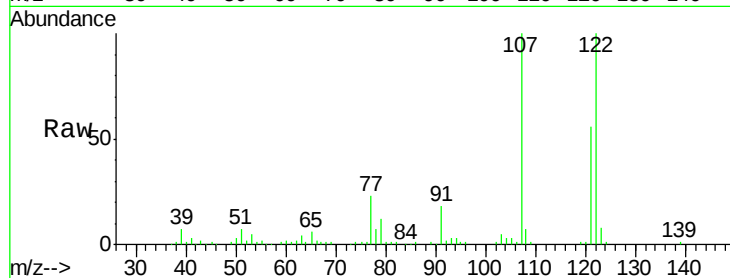
Tot Ion:122 Resp: 155565

Ion Ratio Lower Upper

122 100

107 100.2 87.8 131.6

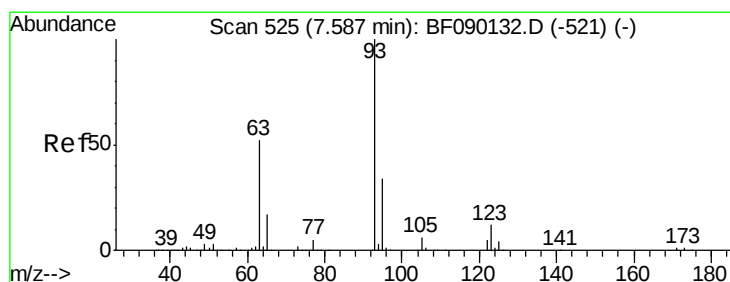
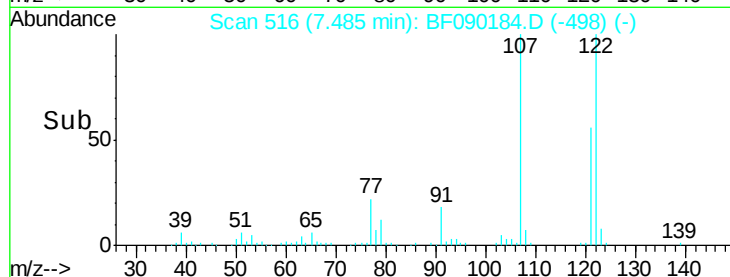
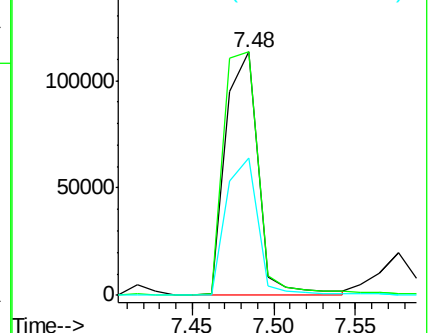
121 56.5 45.7 68.5



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: 18.07 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

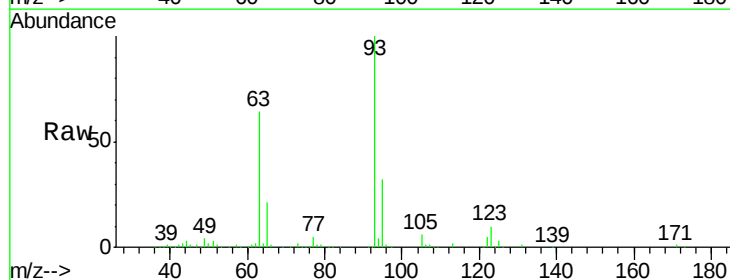
Tgt Ion: 93 Resp: 214507

Ion Ratio Lower Upper

93 100

95 32.2 26.8 40.2

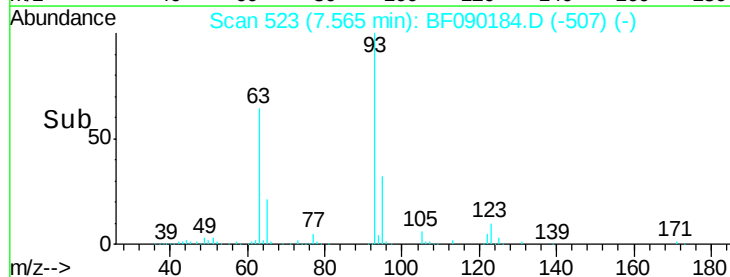
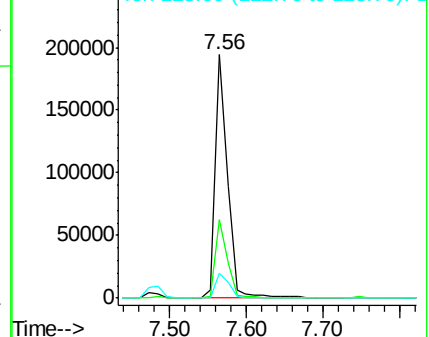
123 10.3 8.5 12.7

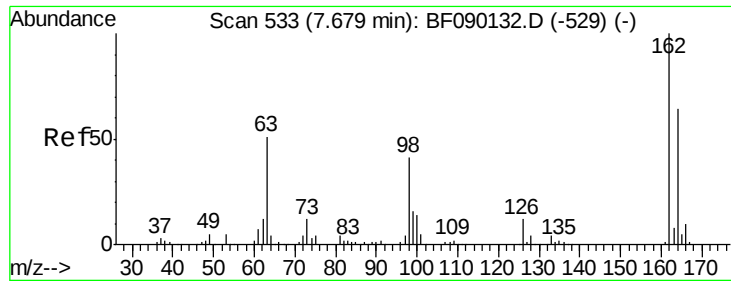


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

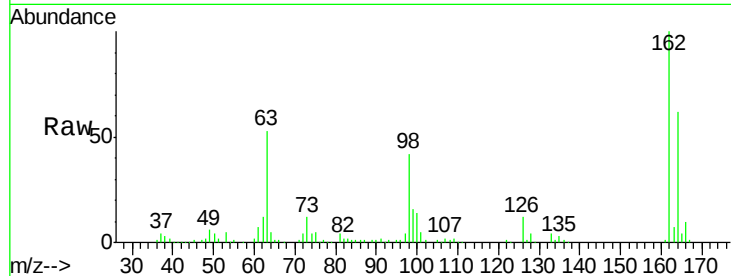




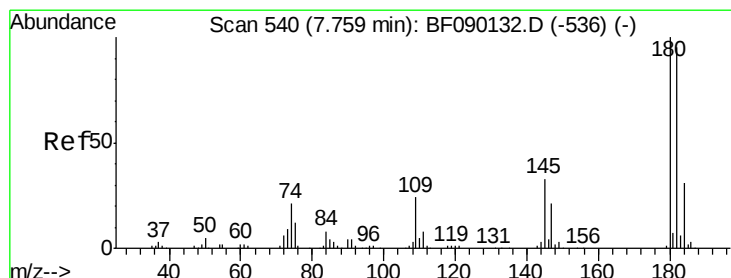
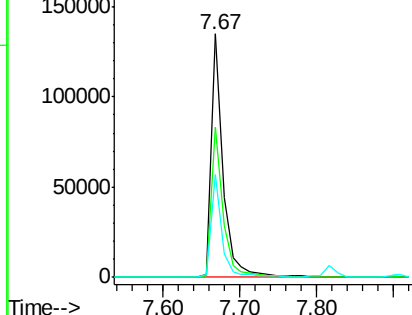
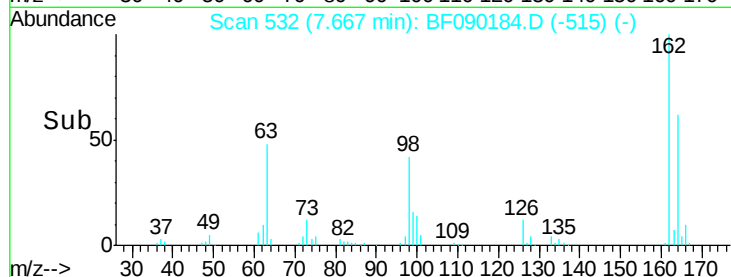
#29
 2,4-Dichlorophenol
 Concen: 19.22 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	46.2	86.2
98	42.0	10.4	50.4

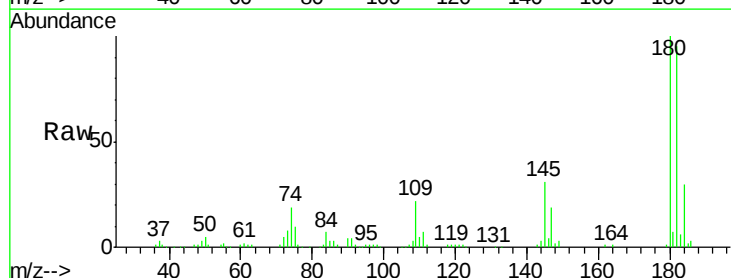


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

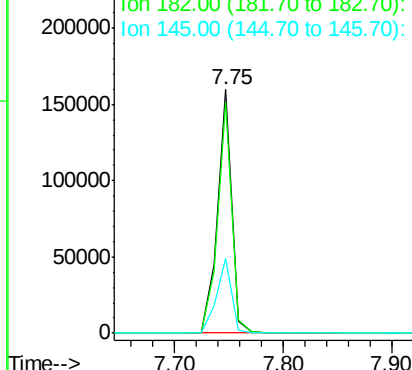
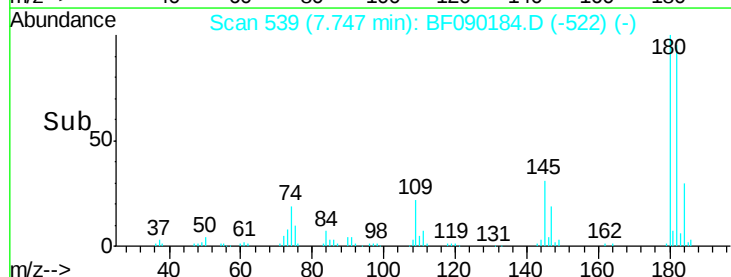


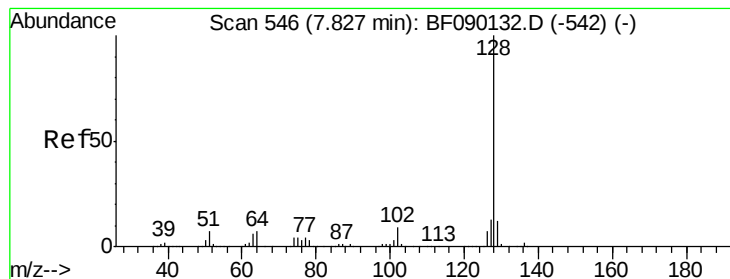
#30
 1,2,4-Trichlorobenzene
 Concen: 19.77 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.6
145	30.5	28.6	42.8



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





#31

Naphthalene

Concen: 19.20 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

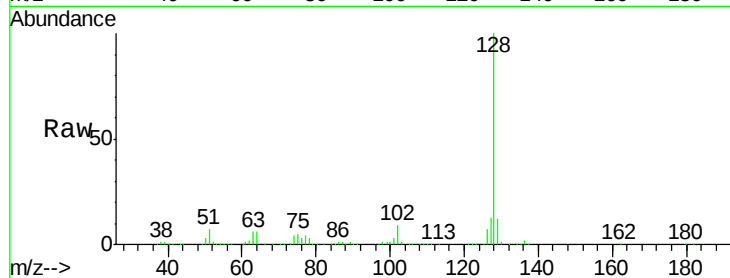
Tot Ion:128 Resp: 497709

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

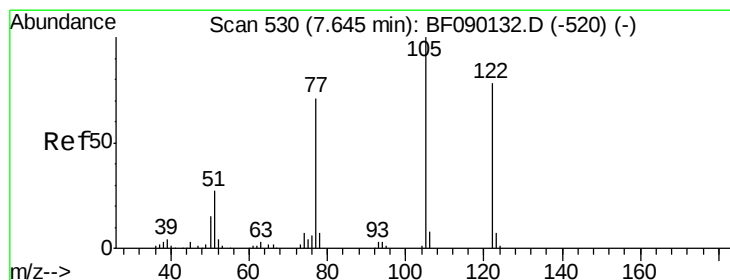
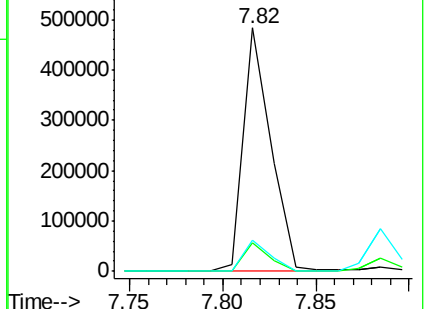
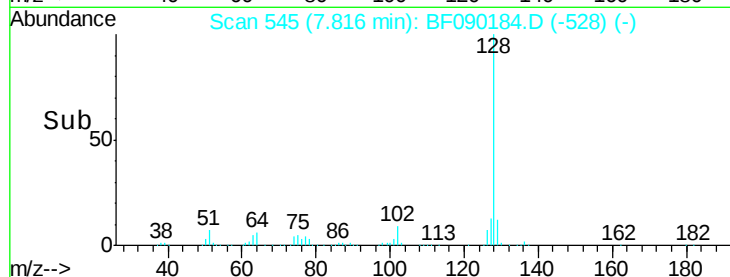
127 12.9 10.8 16.2



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: 6.42 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.07 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

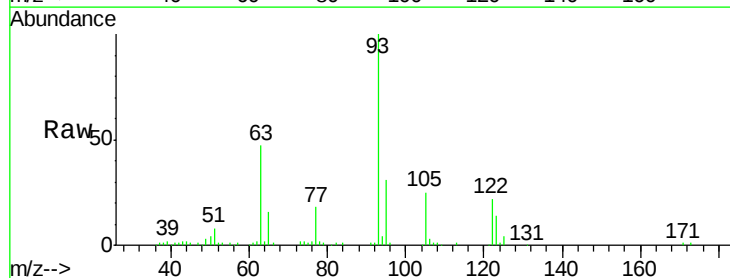
Tgt Ion:122 Resp: 37724

Ion Ratio Lower Upper

122 100

105 114.3 105.0 145.0

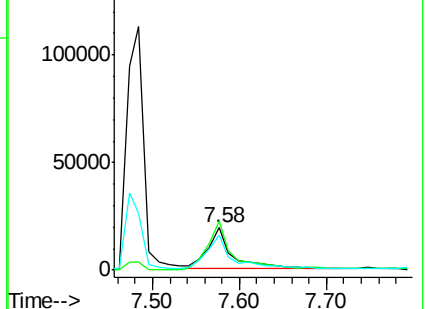
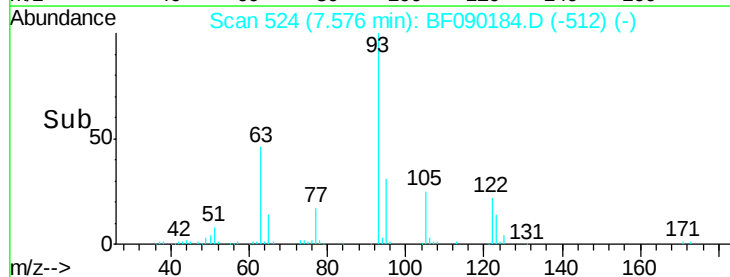
77 81.8 70.4 110.4

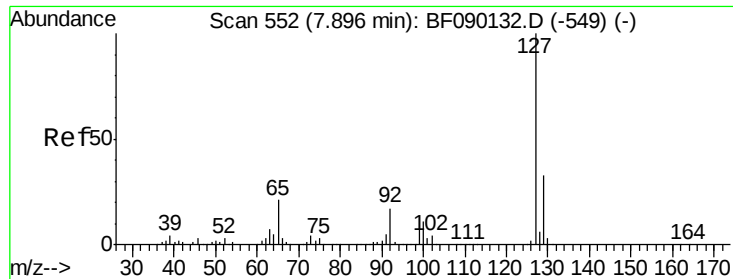


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

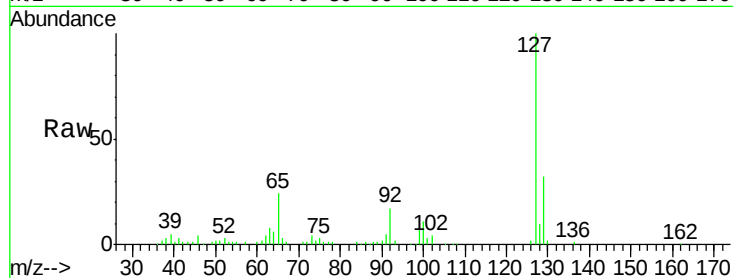




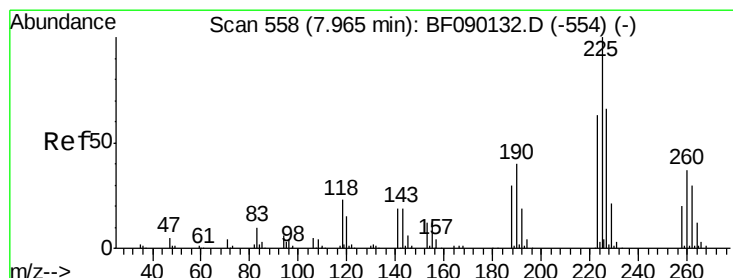
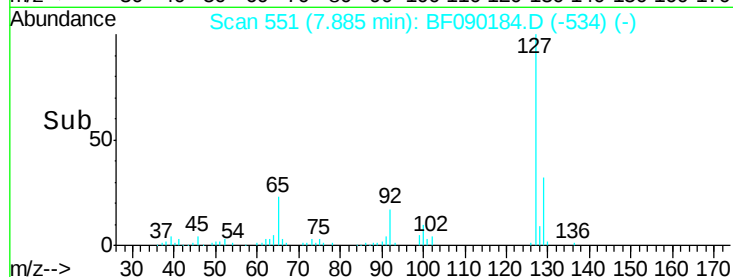
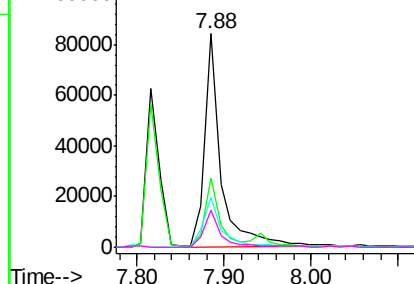
#33
4-Chloroaniline
Concen: 10.09 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Instrument :
BNA_F
ClientSampleId :
SS-3MS

Tot Ion:	127	Resp:	108485
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	23.6	24.1	36.1#
92	17.2	16.3	24.5

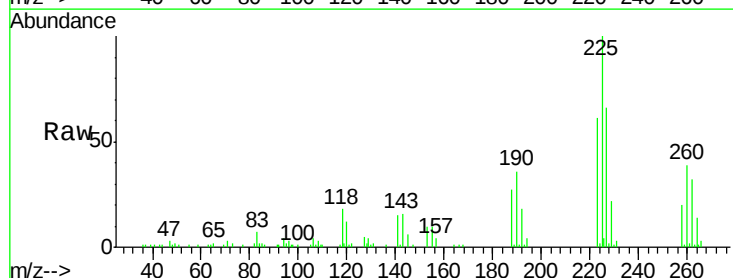


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

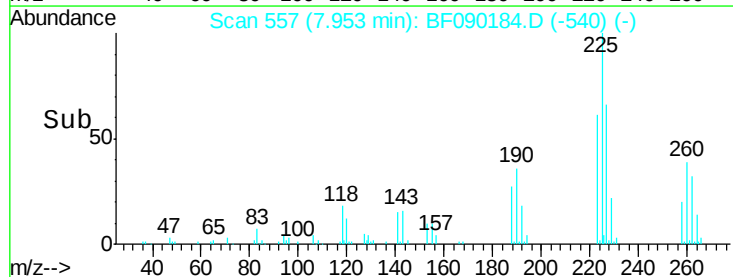
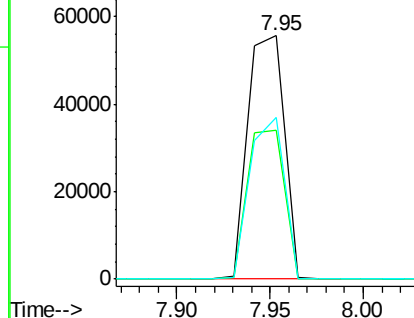


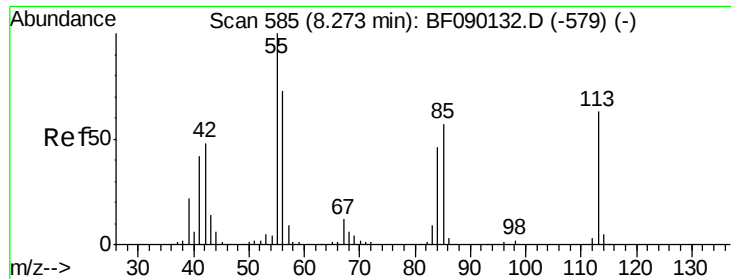
#34
Hexachlorobutadiene
Concen: 19.06 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Tgt Ion:	225	Resp:	75415
Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.3	76.9
227	66.3	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

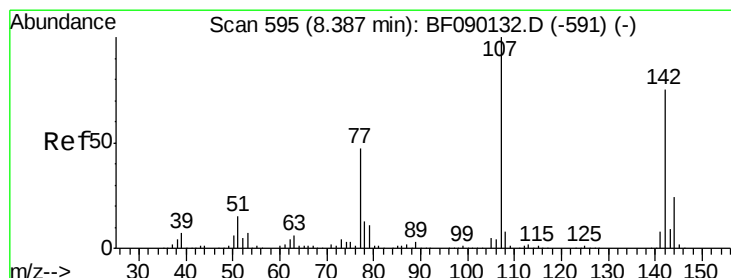
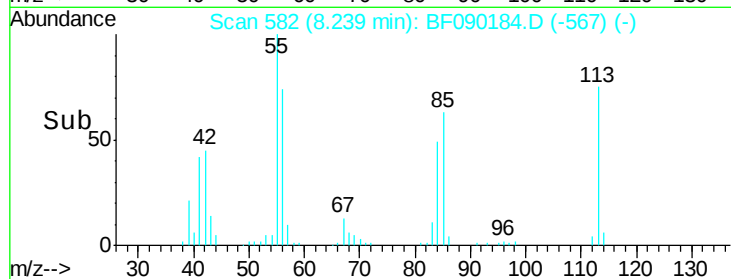
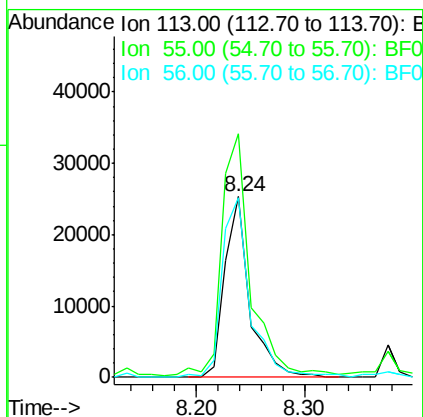
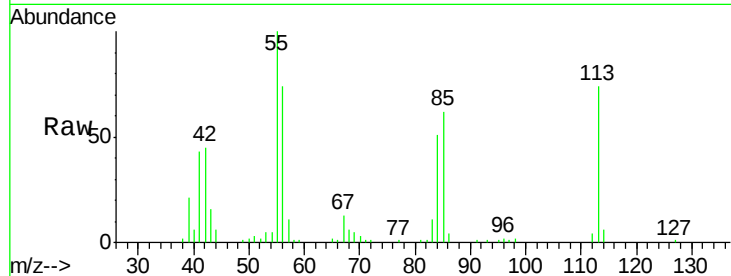




#35
Caprolactam
Concen: 16.13 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

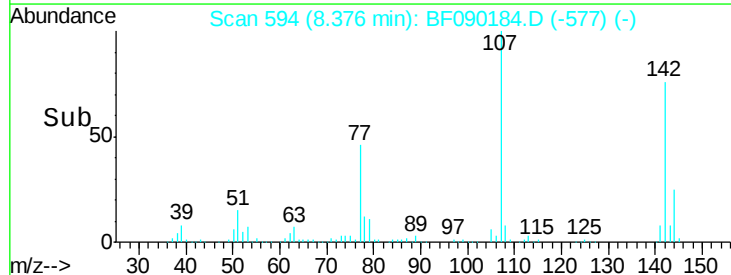
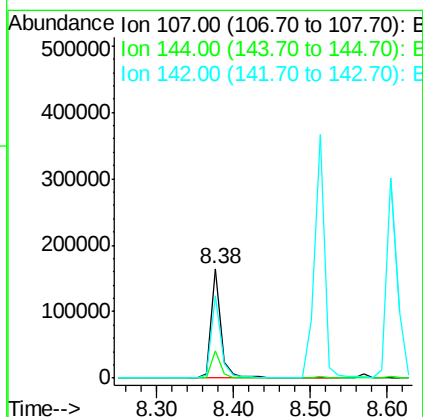
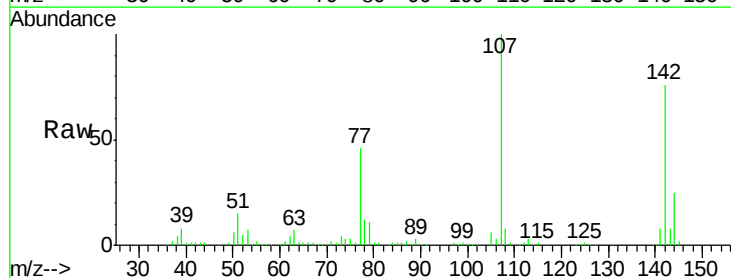
Instrument :
BNA_F
ClientSampleId :
SS-3MS

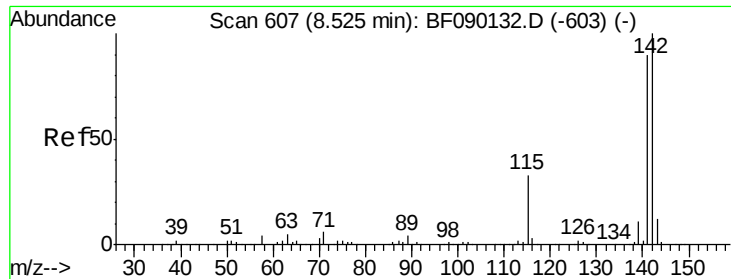
Tot Ion:113 Resp: 40104
Ion Ratio Lower Upper
113 100
55 135.0 134.5 174.5
56 99.3 93.7 133.7



#36
4-Chloro-3-methylphenol
Concen: 17.35 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Tgt Ion:107 Resp: 147273
Ion Ratio Lower Upper
107 100
144 25.0 18.6 27.8
142 75.7 57.0 85.6

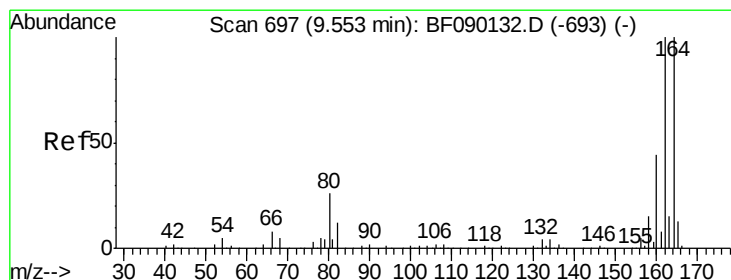
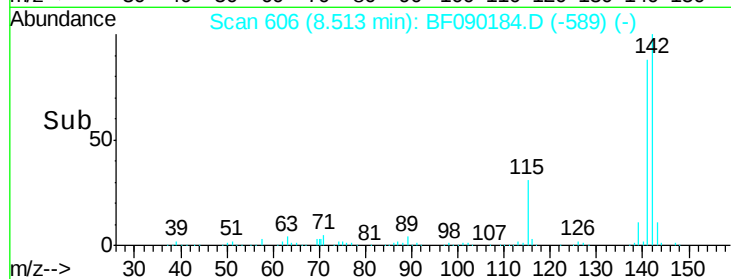
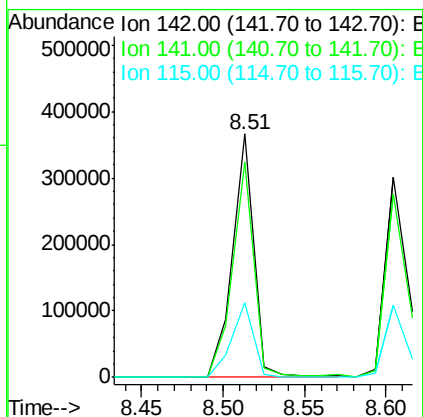
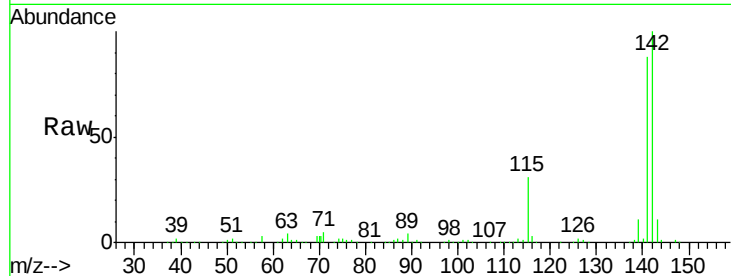




#37
 2-Methylnaphthalene
 Concen: 20.25 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

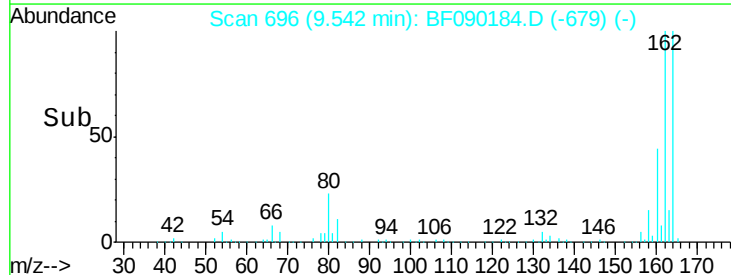
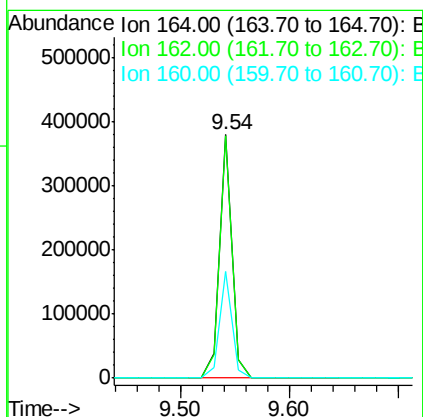
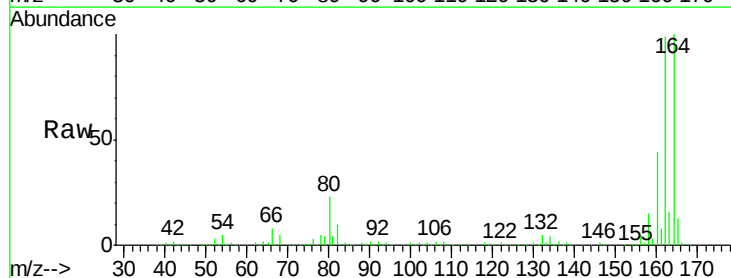
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

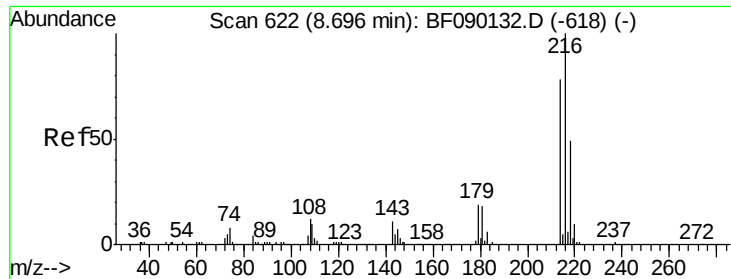
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	30.6	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.4	122.2
160	44.0	36.6	54.8





#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

Tot Ion:216 Resp: 105354

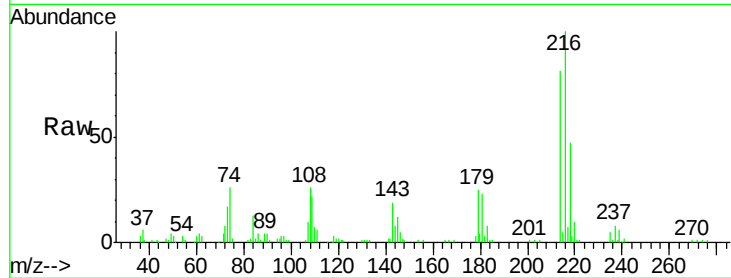
Ion Ratio Lower Upper

216 100

214 78.5 63.7 95.5

179 21.4 18.5 27.7

108 20.0 19.5 29.3

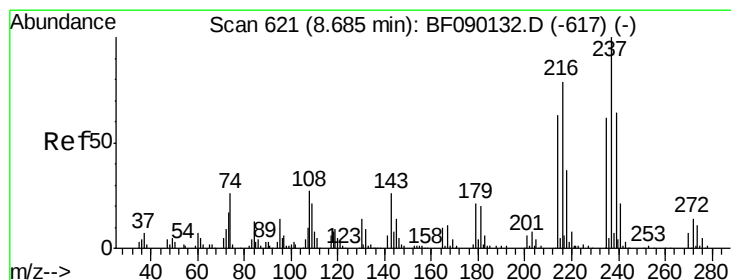
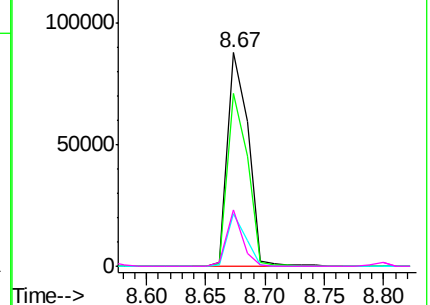
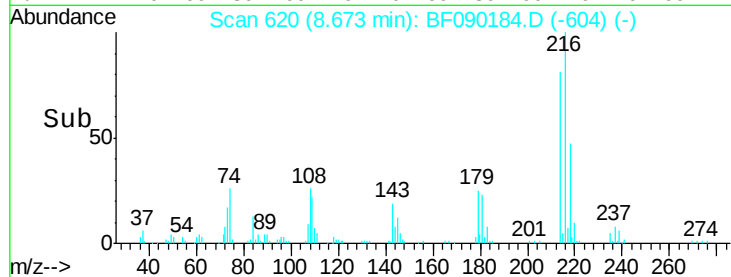


Abundance Ion 216.00 (215.70 to 216.70): E

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

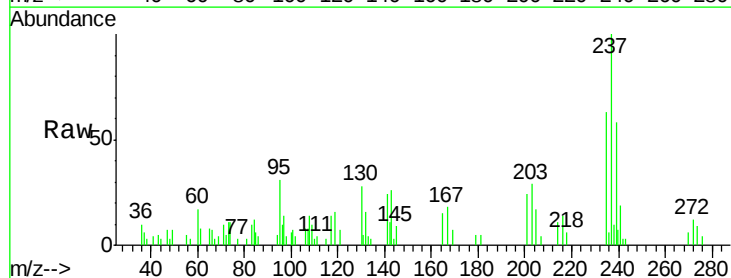
Tgt Ion:237 Resp: 12942

Ion Ratio Lower Upper

237 100

235 63.1 42.5 82.5

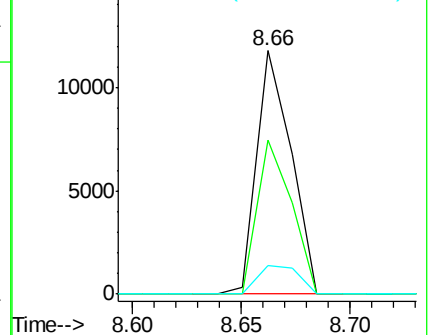
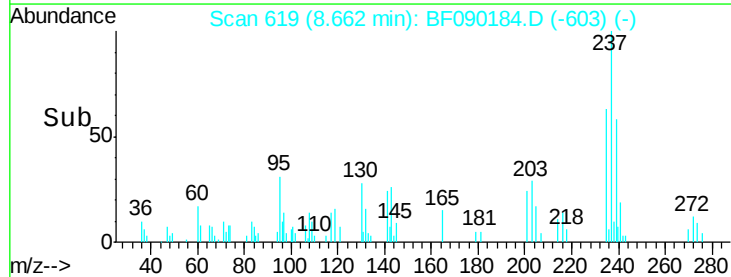
272 11.7 0.0 32.0

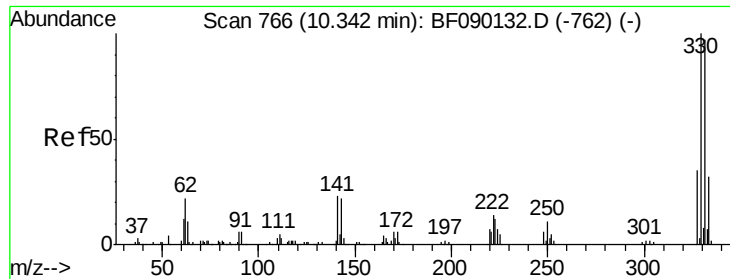


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

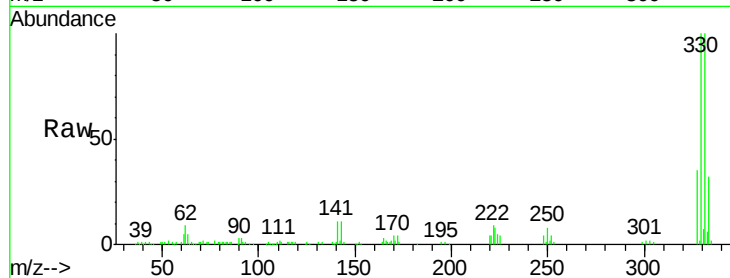




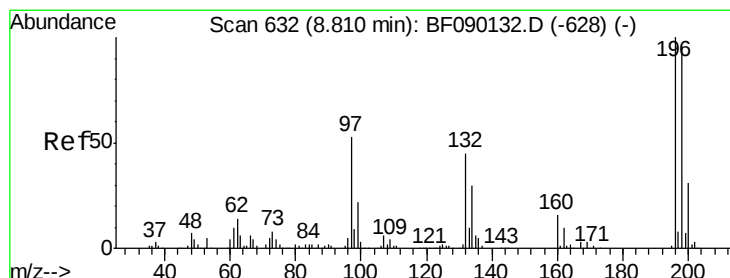
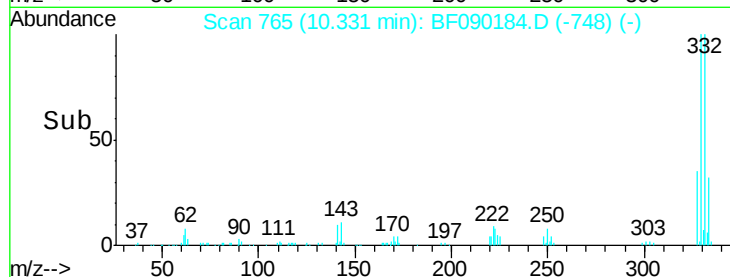
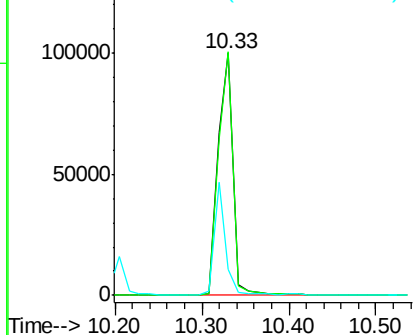
#41
 2,4,6-Tribromophenol
 Concen: 46.25 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

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

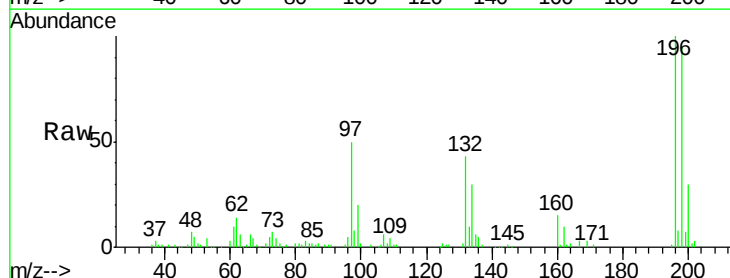


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

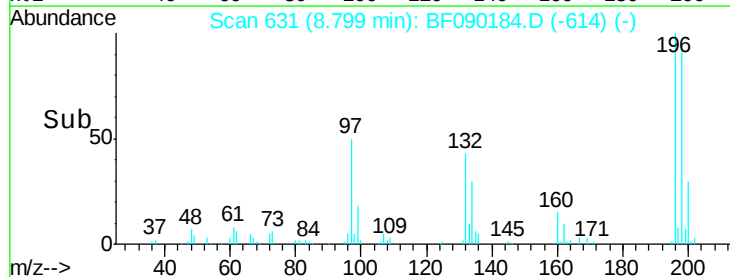
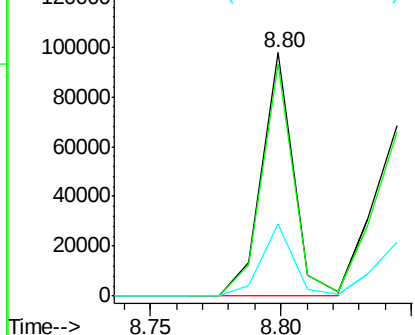


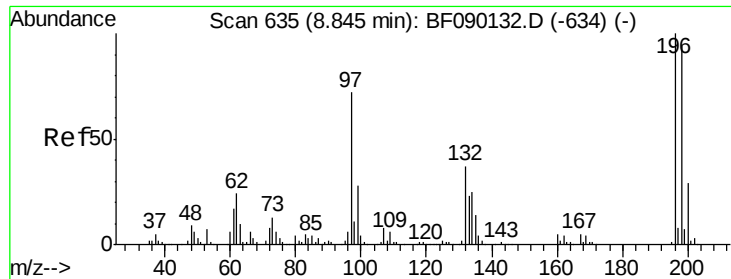
#42
 2,4,6-Trichlorophenol
 Concen: 16.49 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

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

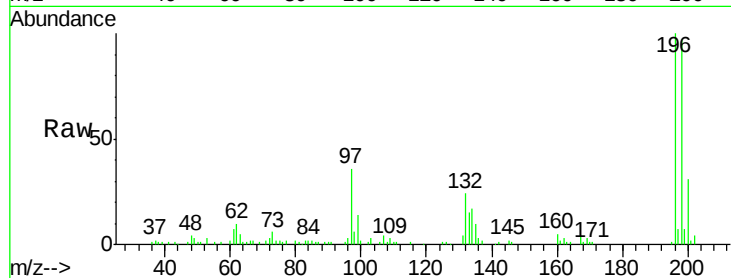




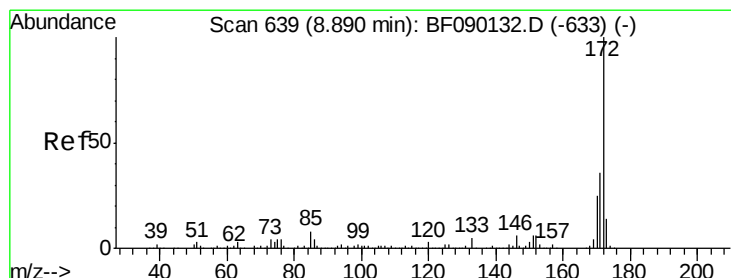
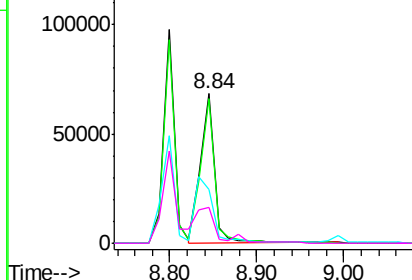
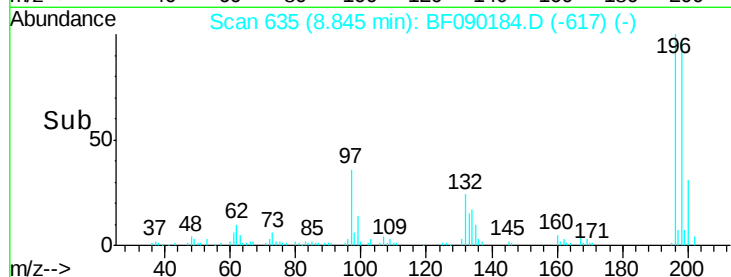
#43
 2,4,5-Trichlorophenol
 Concen: 14.86 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampled :
 SS-3MS

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

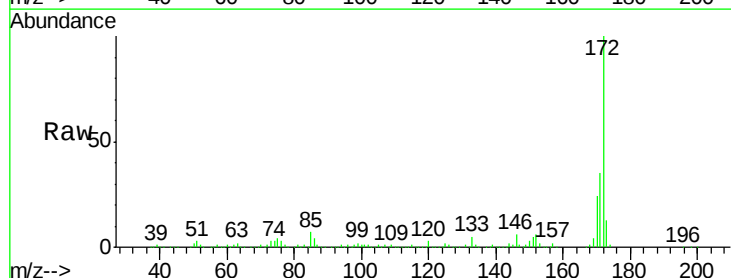


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

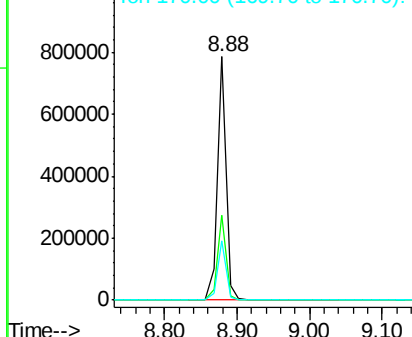
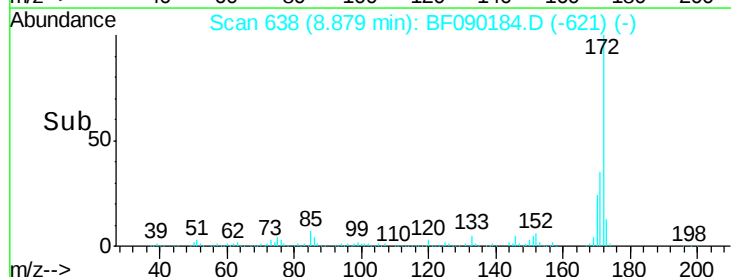


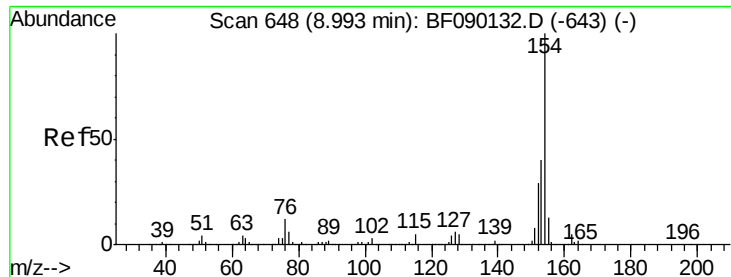
#44
 2-Fluorobiphenyl
 Concen: 41.61 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion:172	Resp:	654539
Ion Ratio	Lower	Upper
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

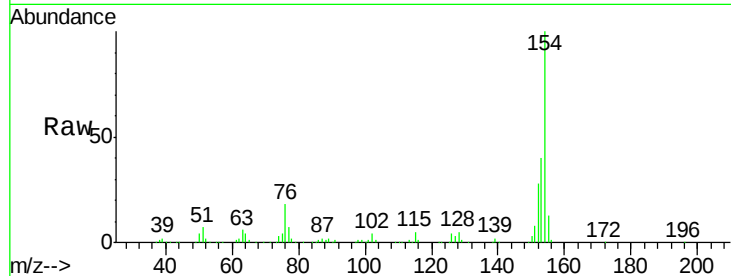




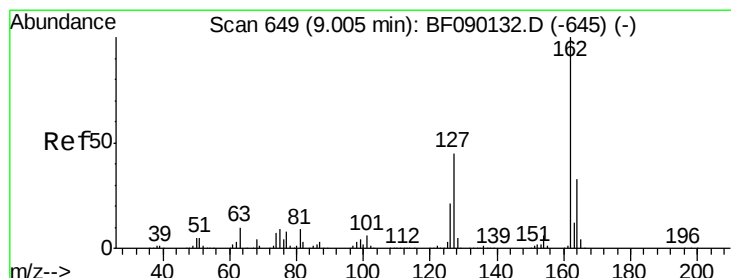
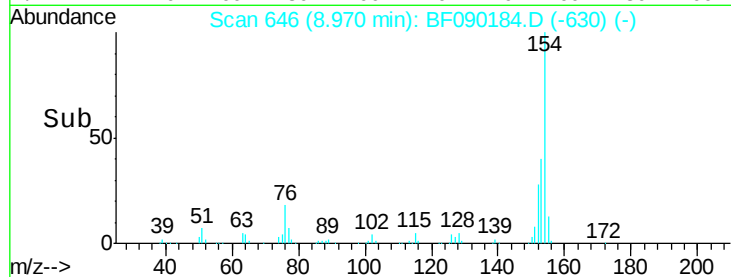
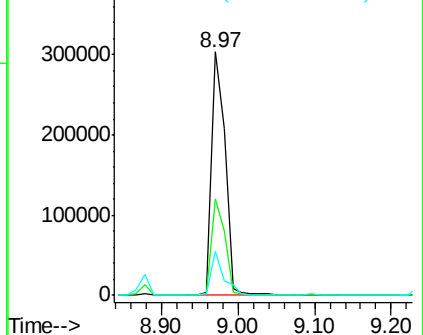
#45
 1,1'-Biphenyl
 Concen: 16.75 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.6	60.6
76	18.1	0.0	36.7

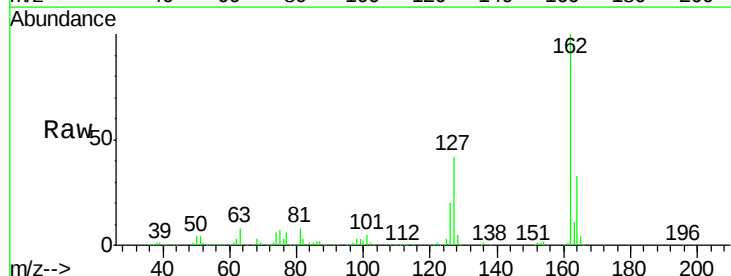


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

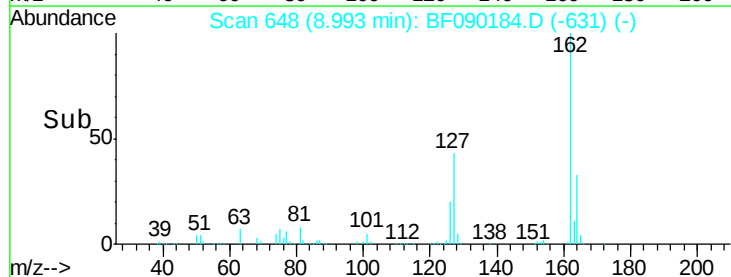
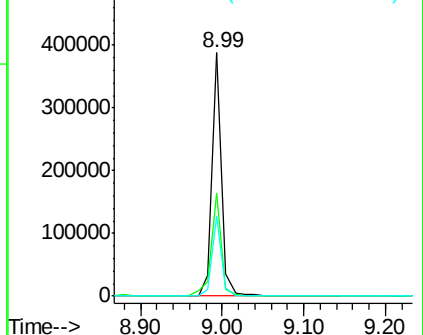


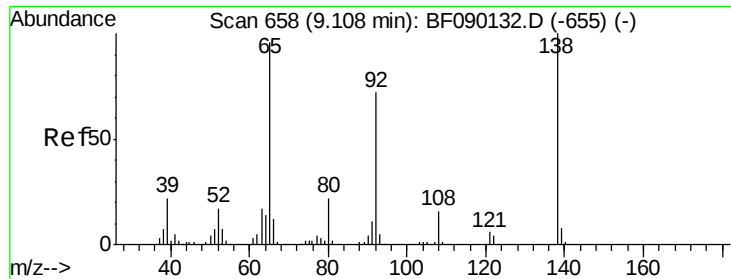
#46
 2-Chloronaphthalene
 Concen: 19.95 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.0	51.0
164	32.7	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

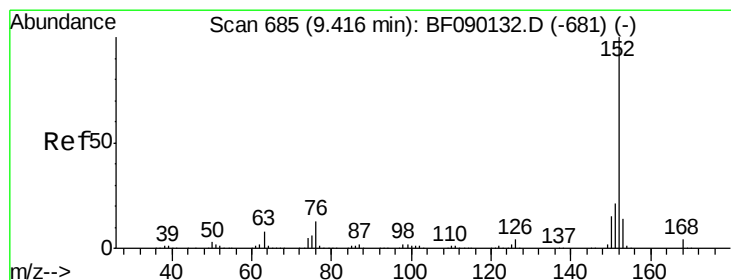
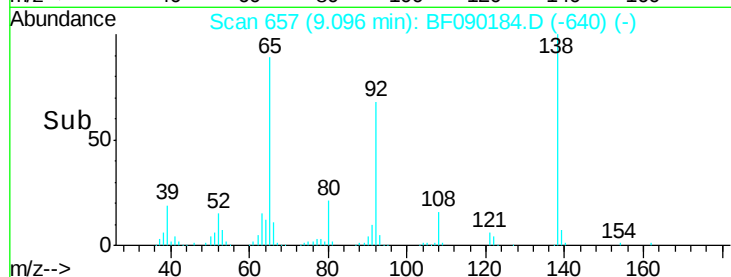
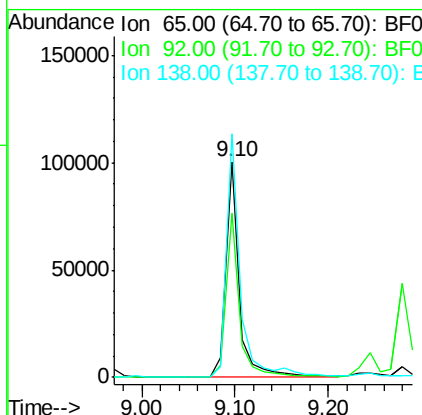
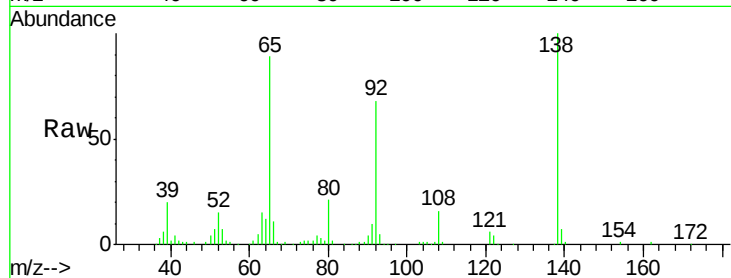




#47
2-Nitroaniline
Concen: 20.43 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

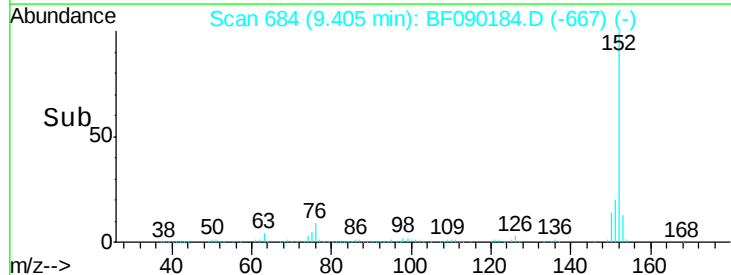
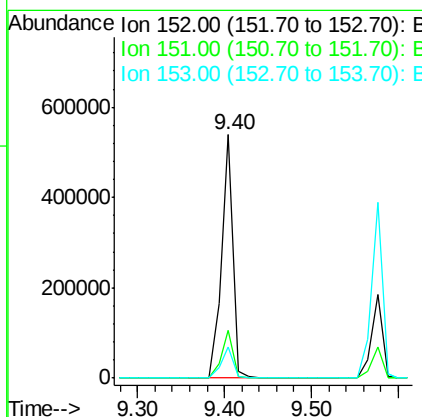
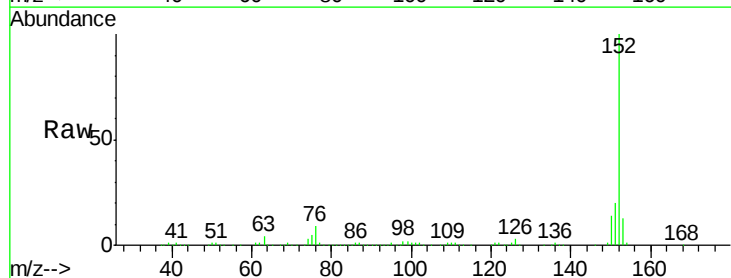
Instrument :
BNA_F
ClientSampleId :
SS-3MS

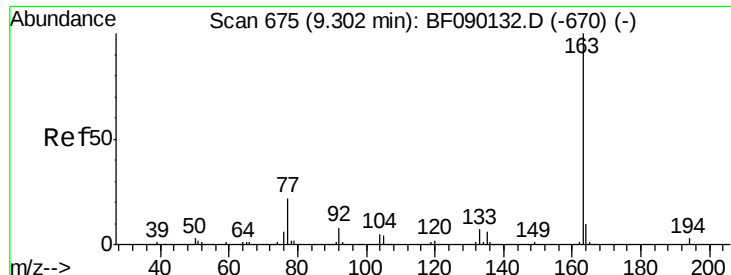
Tot Ion: 65 Resp: 100370
Ion Ratio Lower Upper
65 100
92 76.2 66.1 99.1
138 112.8 104.1 156.1



#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





#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

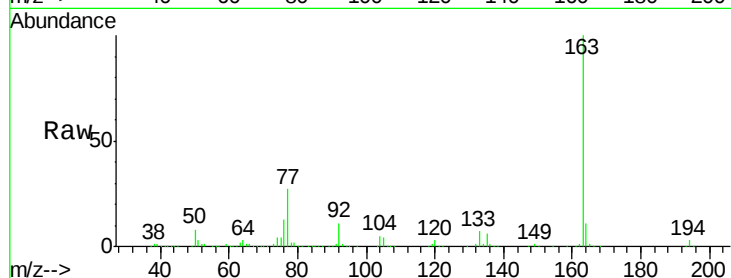
Tot Ion:163 Resp: 470977

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

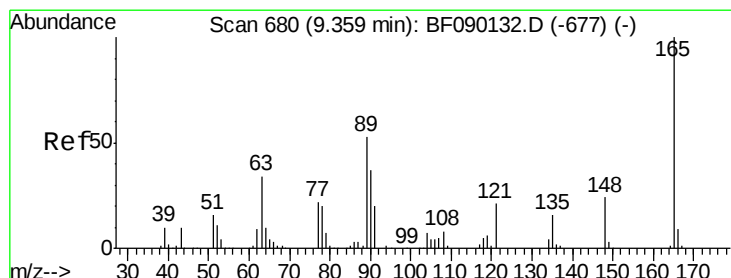
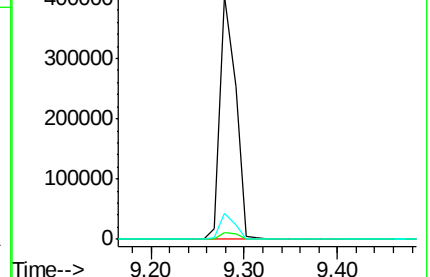
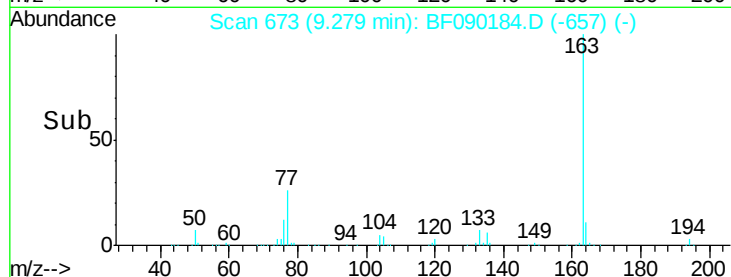
164 10.6 8.1 12.1



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

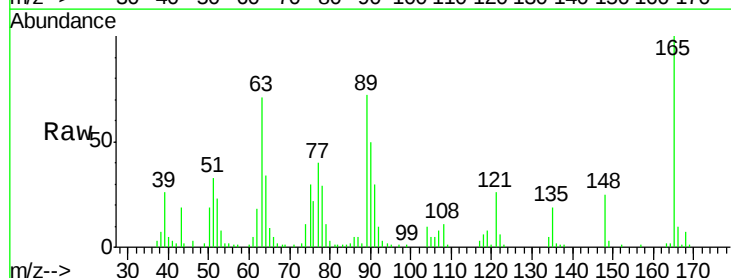
Tgt Ion:165 Resp: 65246

Ion Ratio Lower Upper

165 100

63 71.4 49.9 74.9

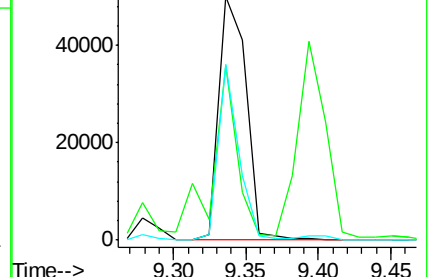
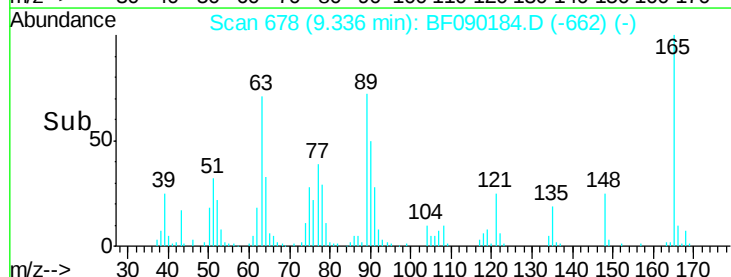
89 72.4 51.0 76.4

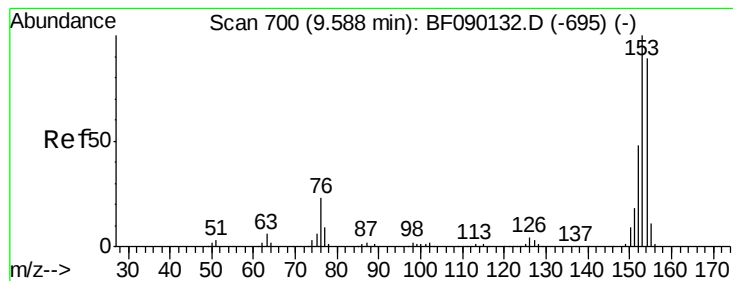


Abundance Ion 165.00 (164.70 to 165.70): E

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

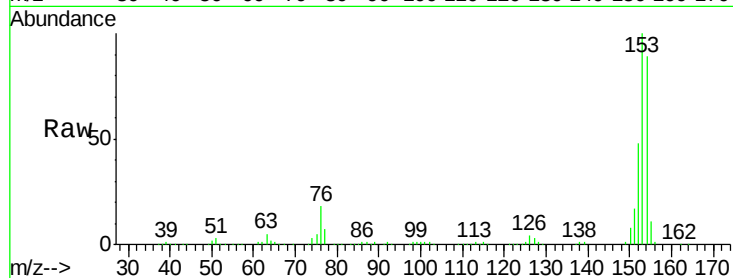
Tot Ion:154 Resp: 298480

Ion Ratio Lower Upper

154 100

153 112.3 90.8 136.2

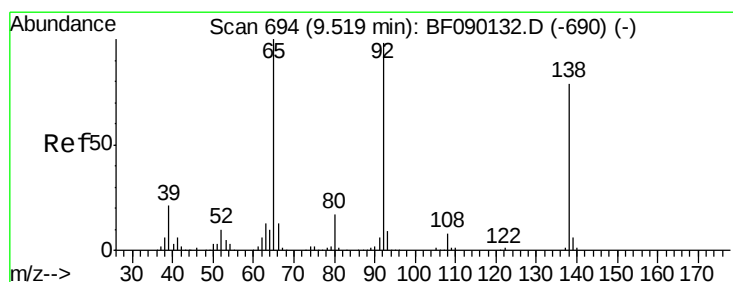
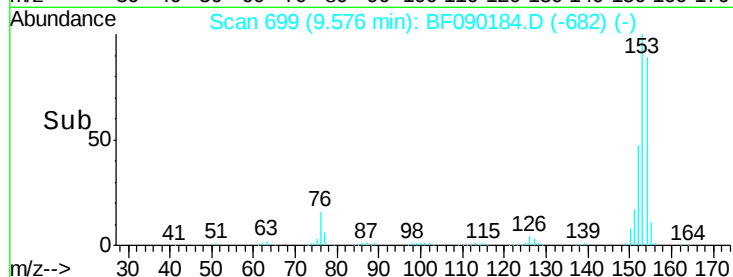
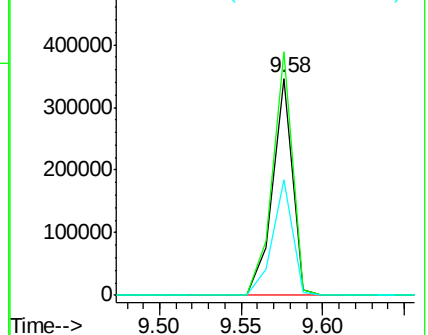
152 53.4 44.2 66.4



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

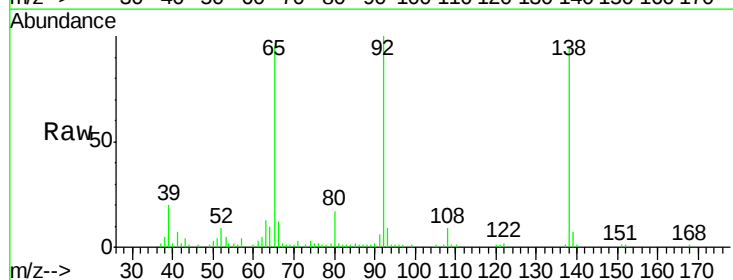
Tgt Ion:138 Resp: 75469

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.6

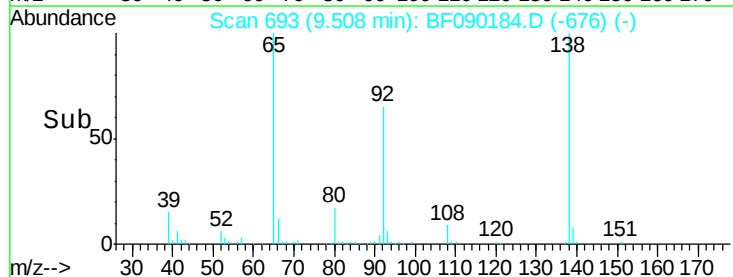
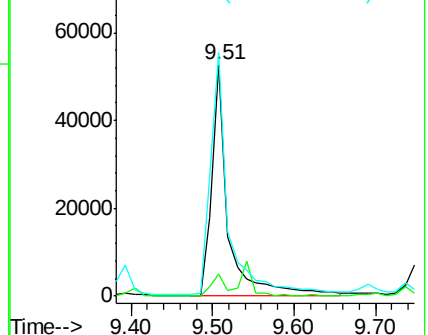
92 105.5 90.7 136.1

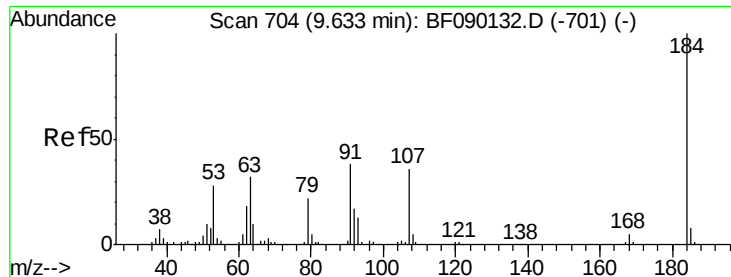


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

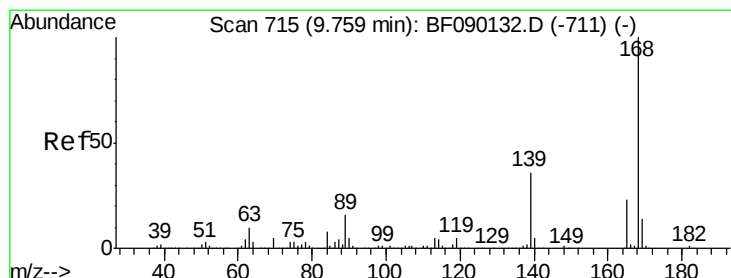
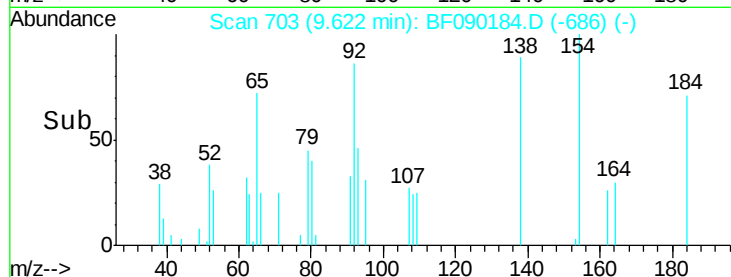
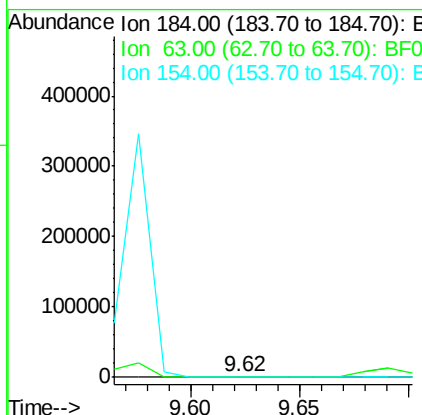
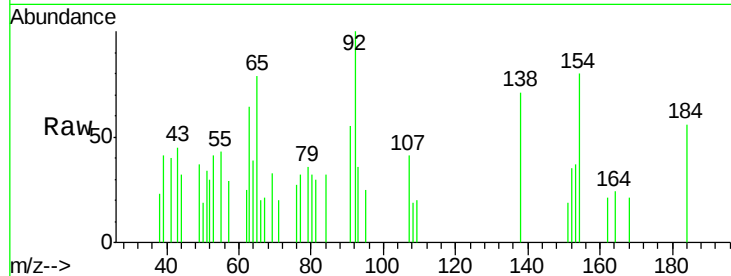




#53
 2,4-Dinitrophenol
 Concen: 3.65 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

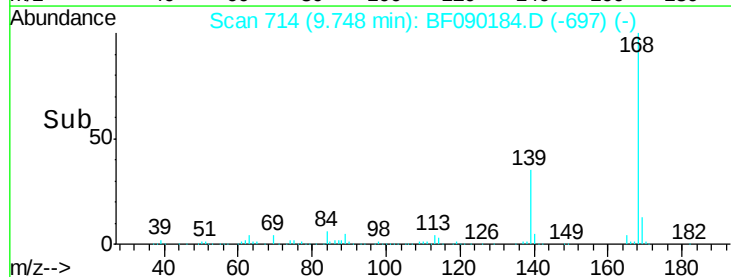
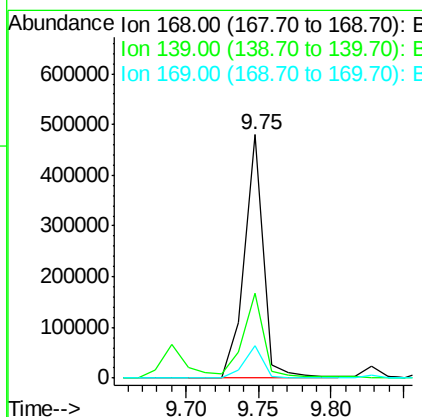
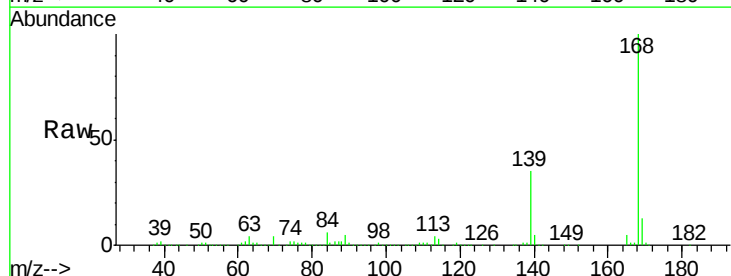
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

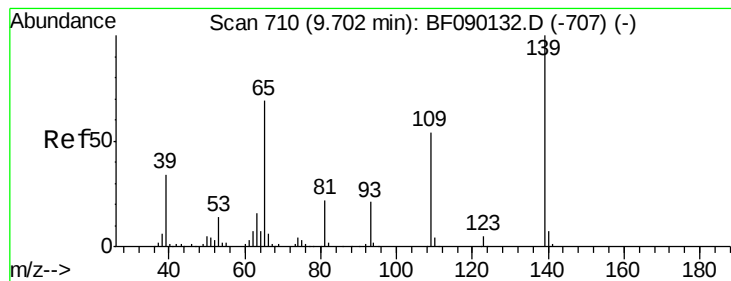
Tot Ion:184 Resp: 1272
 Ion Ratio Lower Upper
 184 100
 63 113.4 44.6 67.0#
 154 141.3 49.7 74.5#



#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

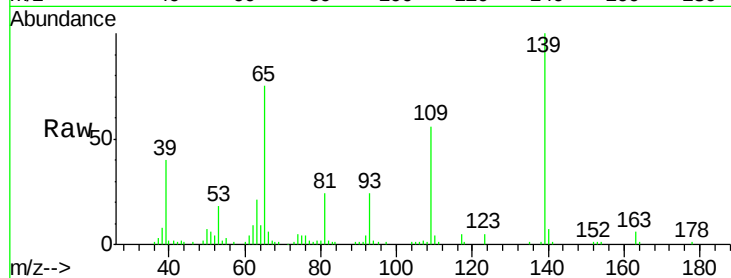
Tot Ion:139 Resp: 84441

Ion Ratio Lower Upper

139 100

109 55.5 35.6 75.6

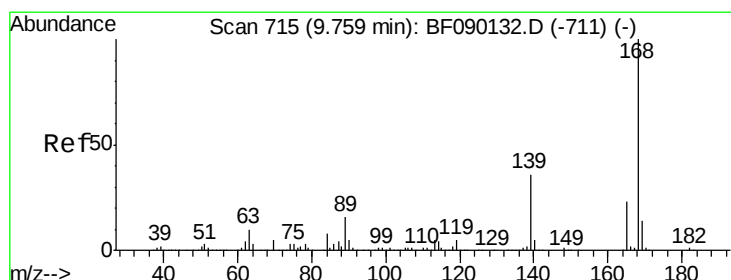
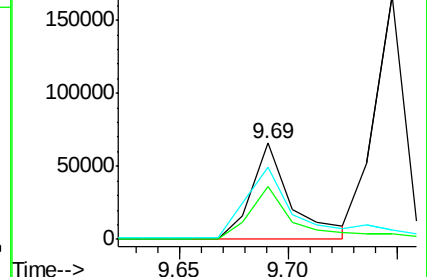
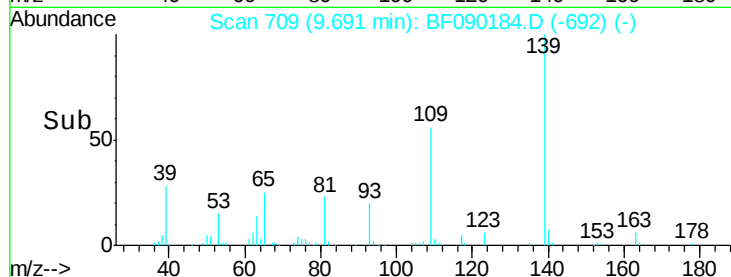
65 75.3 55.5 95.5



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

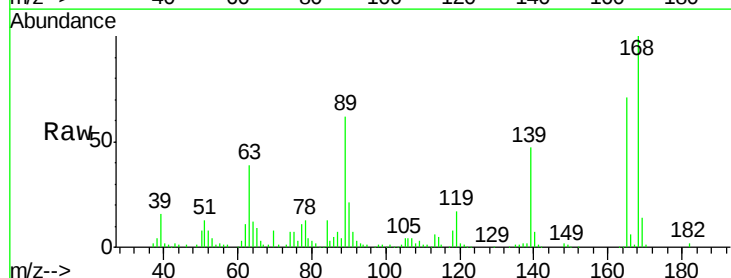
Ion Ratio Lower Upper

165 100

63 54.7 44.4 66.6

89 87.9 70.1 105.1

182 2.2 1.7 2.5

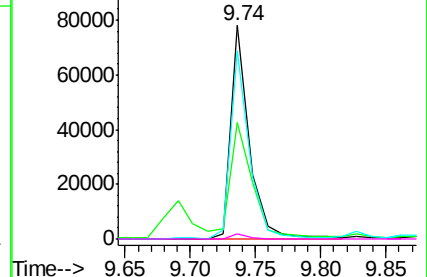
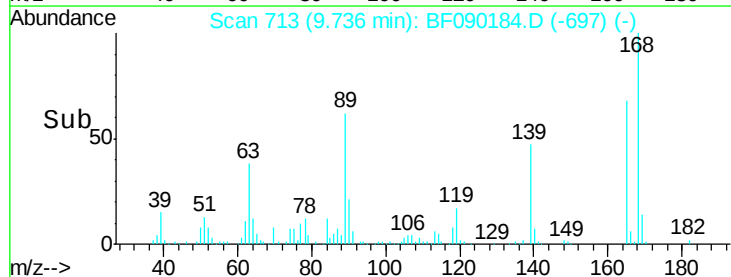


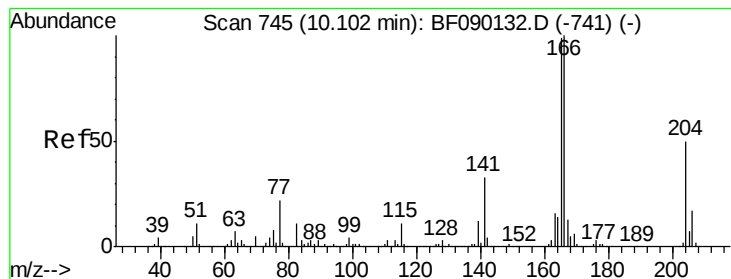
Abundance Ion 165.00 (164.70 to 165.70): E

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

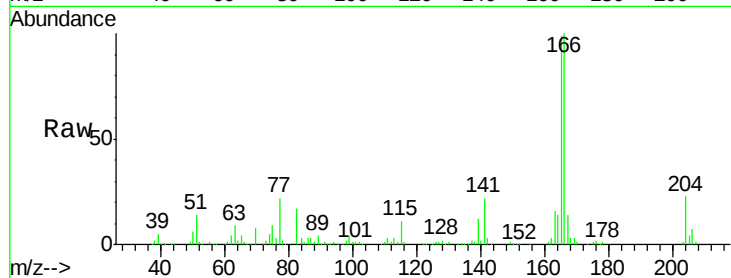
Tot Ion:166 Resp: 304354

Ion Ratio Lower Upper

166 100

165 98.6 78.5 117.7

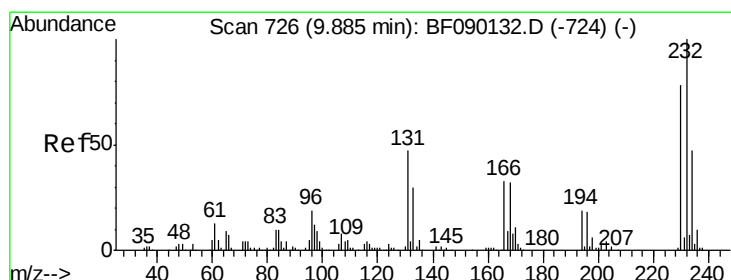
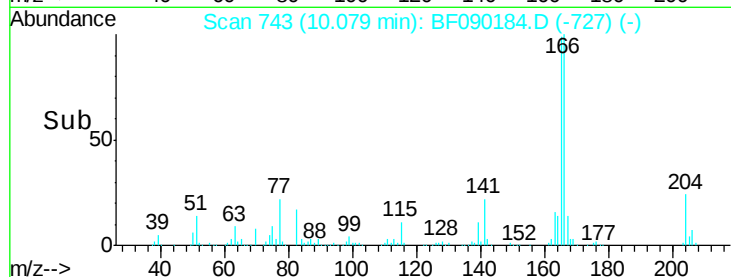
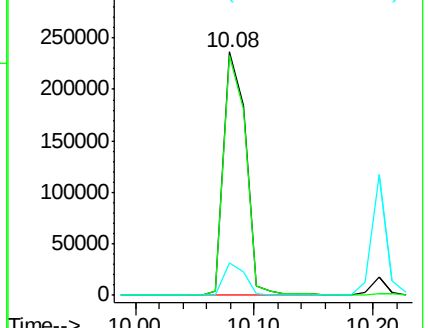
167 13.6 11.2 16.8



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: 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

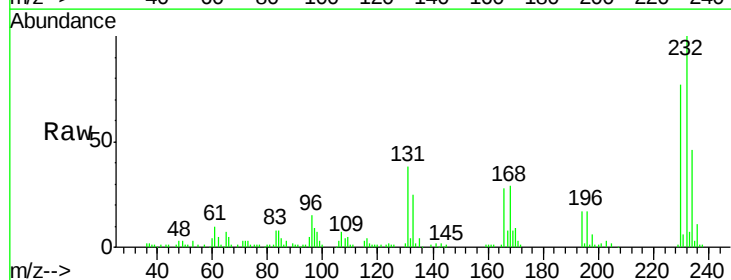
Ion Ratio Lower Upper

232 100

131 47.4 42.2 63.4

130 2.0 1.9 2.9

166 32.3 26.4 39.6

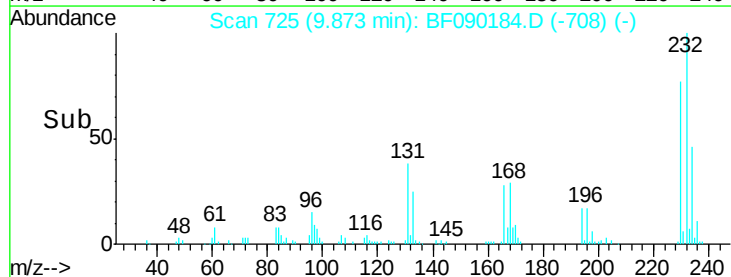
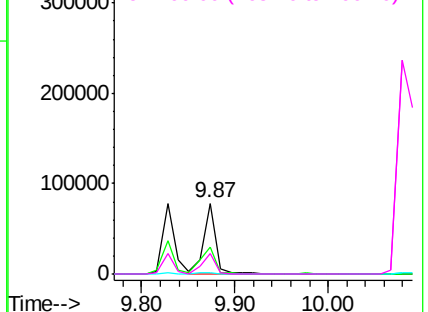


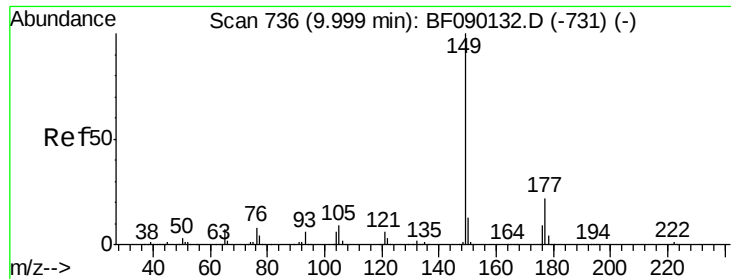
Abundance Ion 232.00 (231.70 to 232.70): E

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

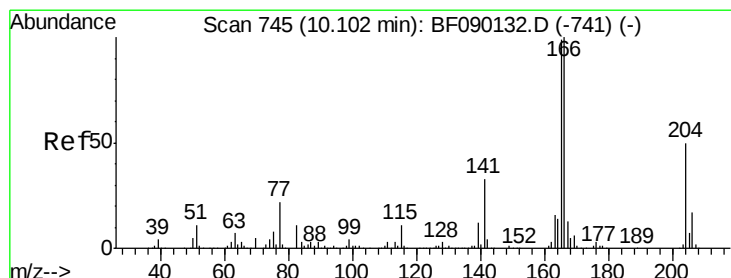
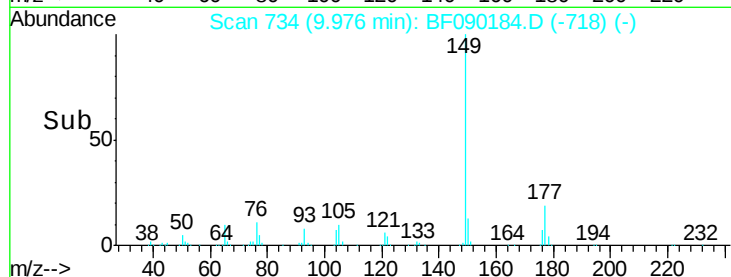
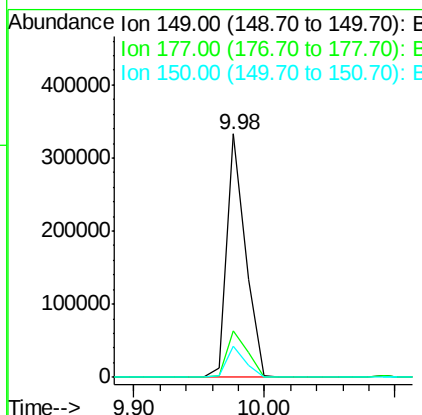
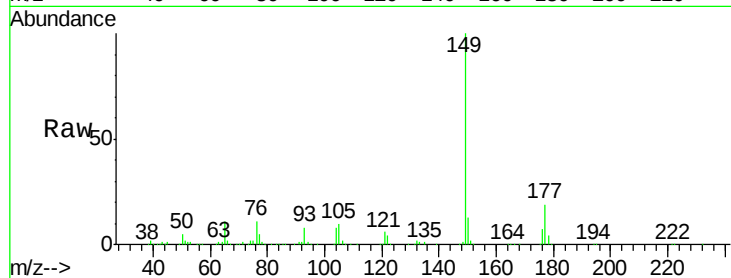




#59
Diethylphthalate
Concen: 17.47 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

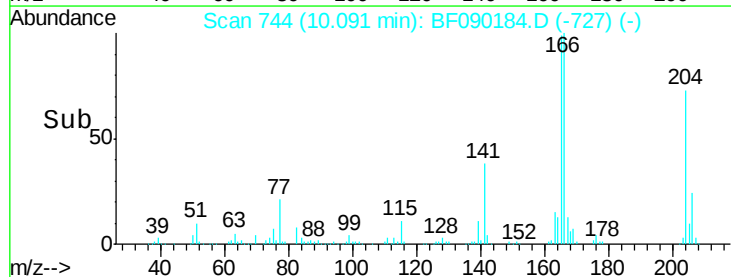
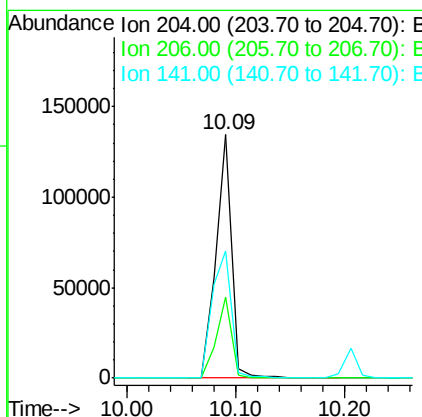
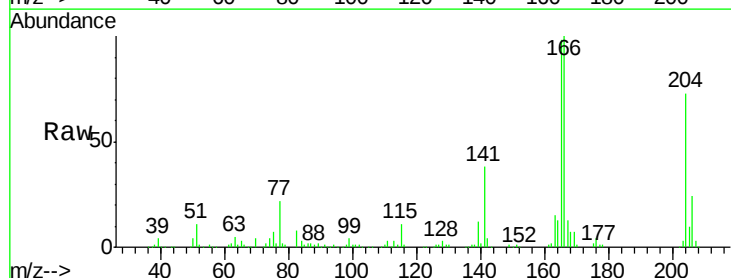
Instrument :
BNA_F
ClientSampleId :
SS-3MS

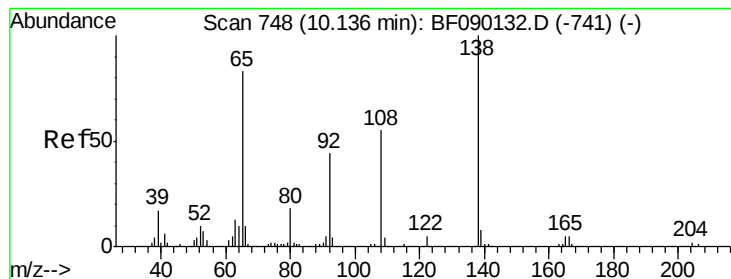
Tot Ion:149 Resp: 331828
Ion Ratio Lower Upper
149 100
177 18.9 15.8 23.6
150 13.0 10.4 15.6



#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

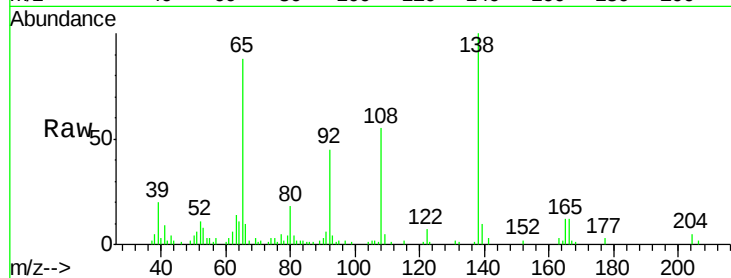
Tot Ion:138 Resp: 72255

Ion Ratio Lower Upper

138 100

92 45.5 23.8 63.8

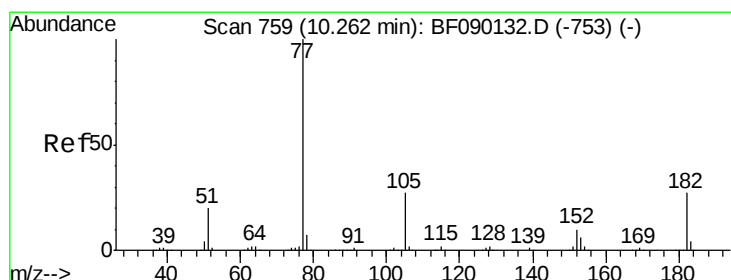
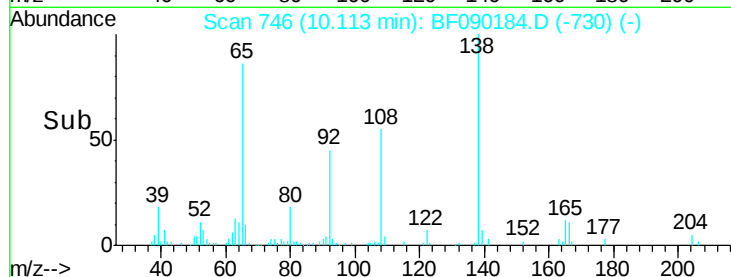
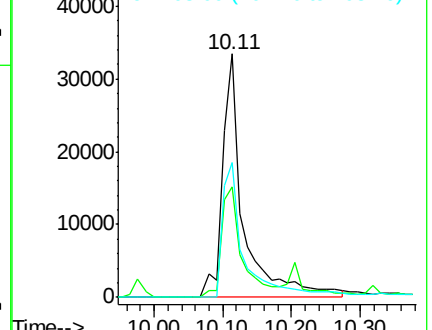
108 55.2 35.0 75.0



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

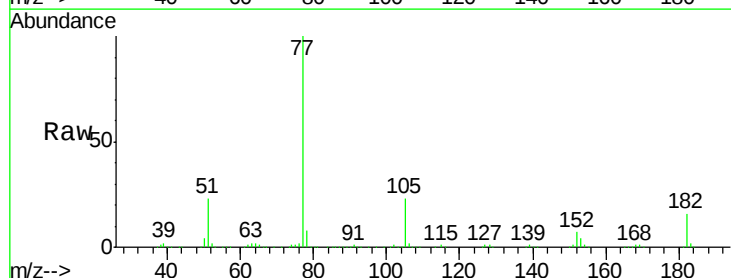
Ion Ratio Lower Upper

77 100

182 15.9 0.0 38.4

105 23.1 3.8 43.8

51 23.1 2.6 42.6

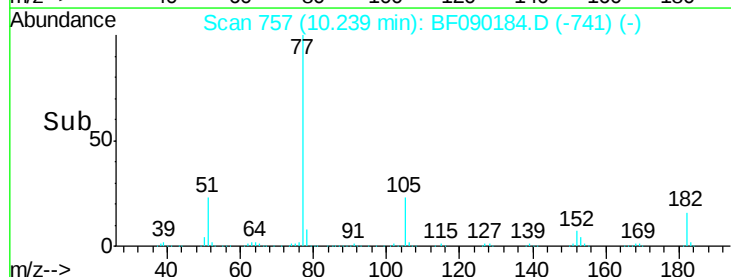
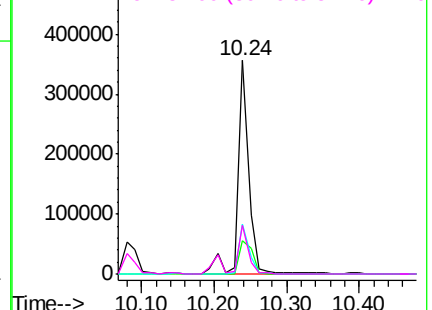


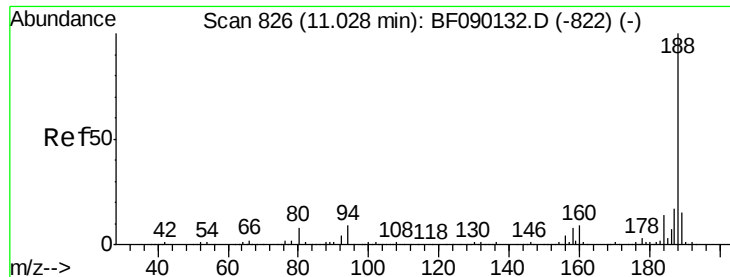
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

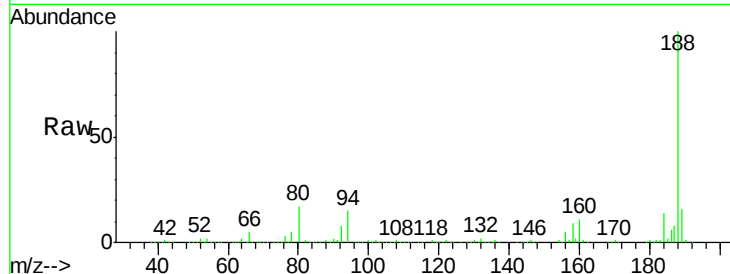




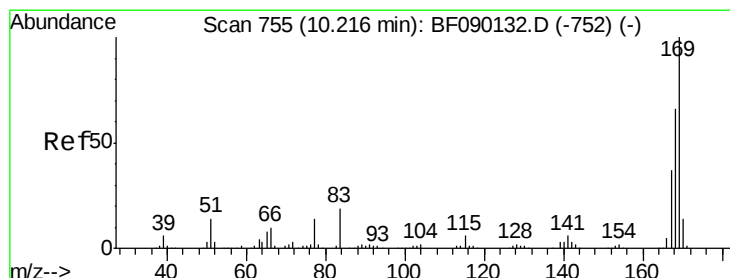
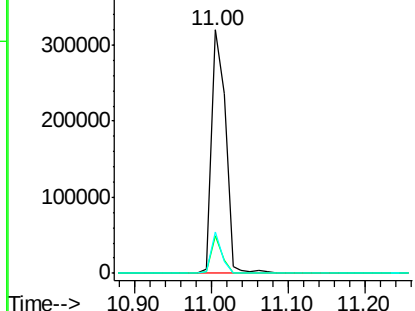
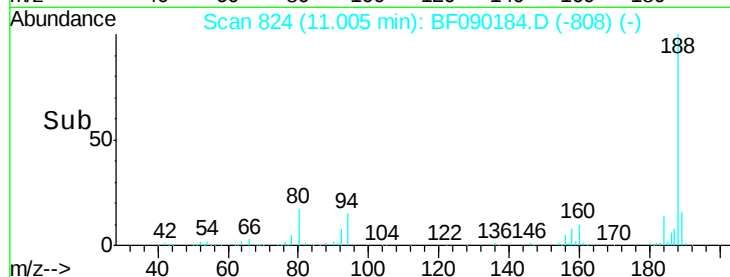
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Instrument :
BNA_F
ClientSampleId :
SS-3MS

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

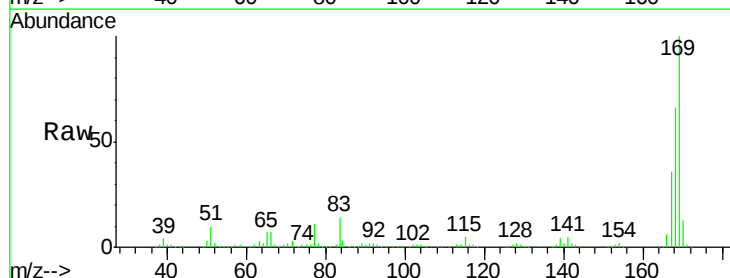


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

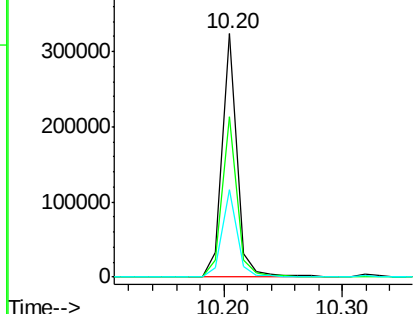
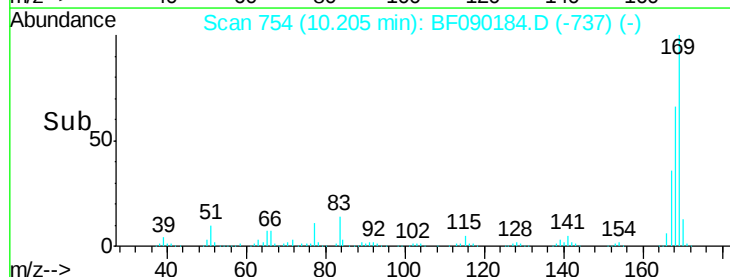


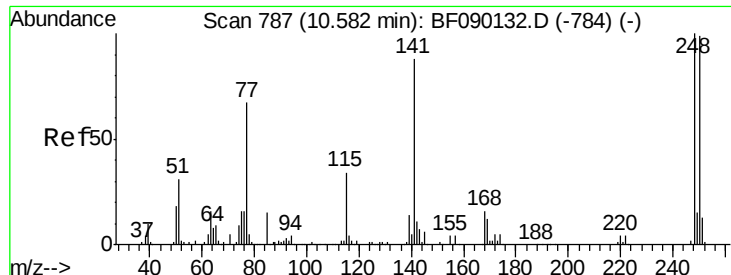
#65
n-Nitrosodiphenylamine
Concen: 20.89 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

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

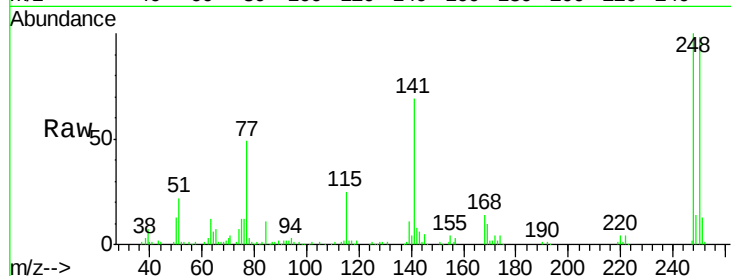




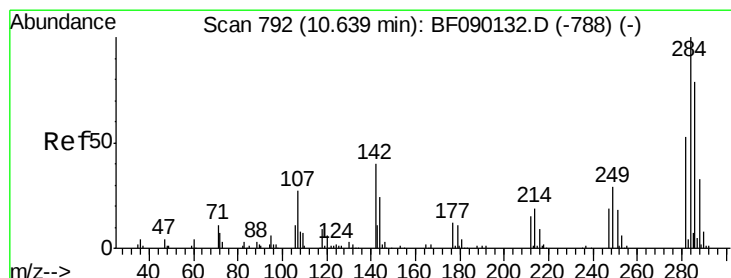
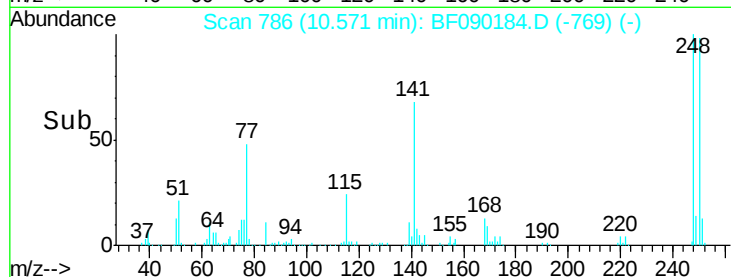
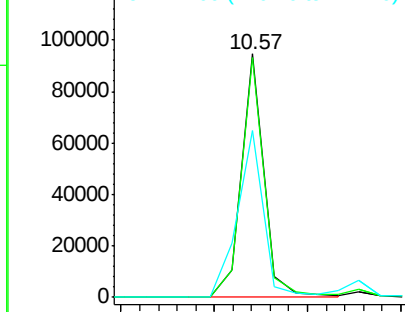
#66
4-Bromophenyl-phenylether
Concen: 20.04 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Instrument :
BNA_F
ClientSampleId :
SS-3MS

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

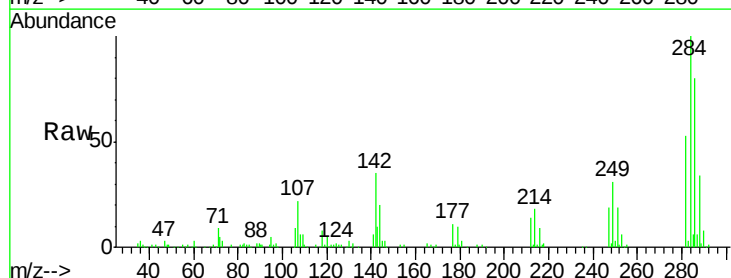


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

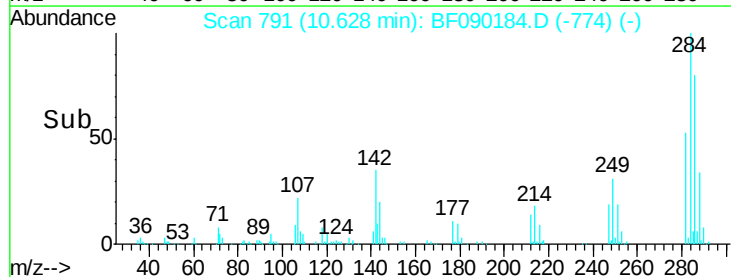
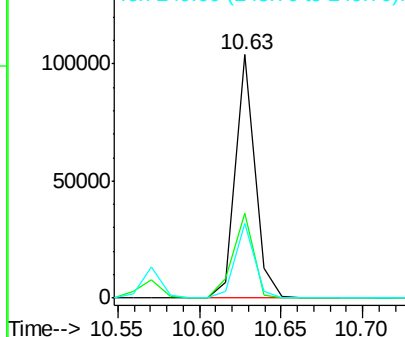


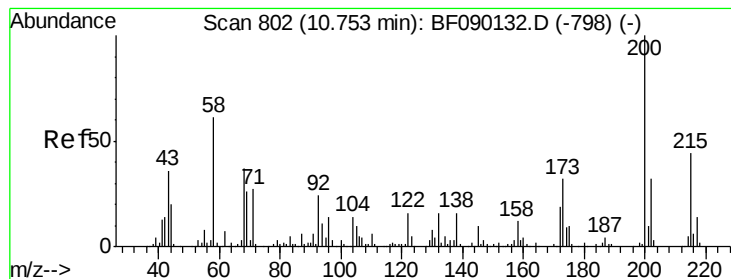
#67
Hexachlorobenzene
Concen: 18.27 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

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

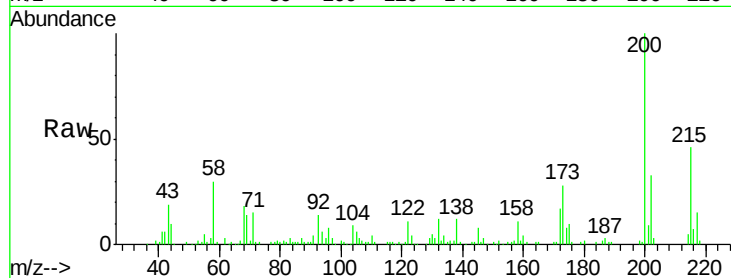
Tot Ion:200 Resp: 76260

Ion Ratio Lower Upper

200 100

173 28.1 9.3 49.3

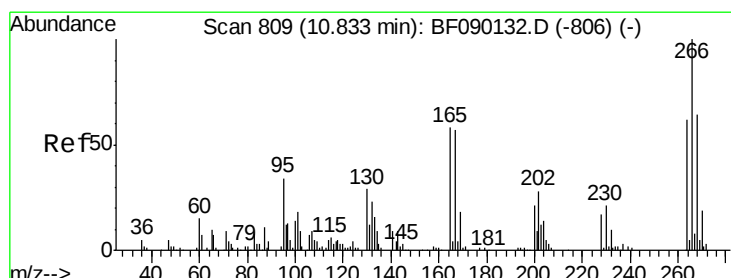
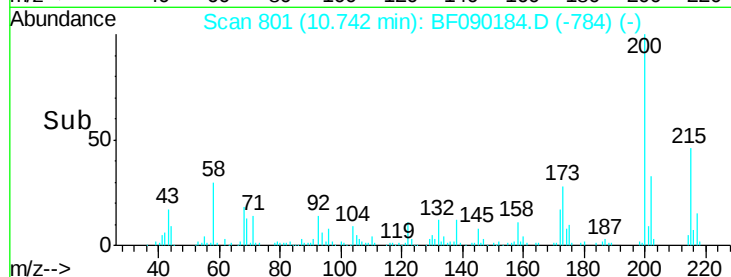
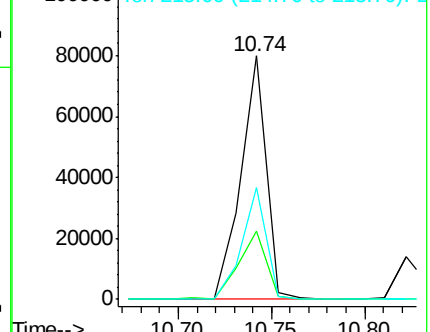
215 46.2 26.1 66.1



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

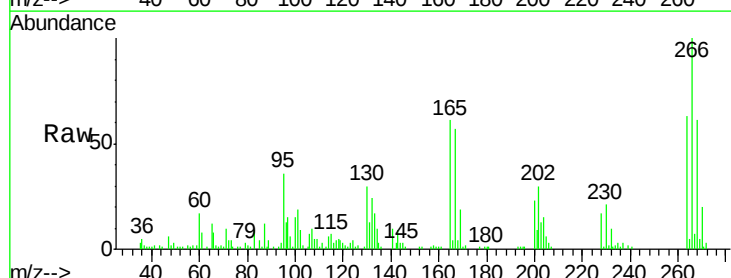
Tgt Ion:266 Resp: 84387

Ion Ratio Lower Upper

266 100

268 61.1 52.1 78.1

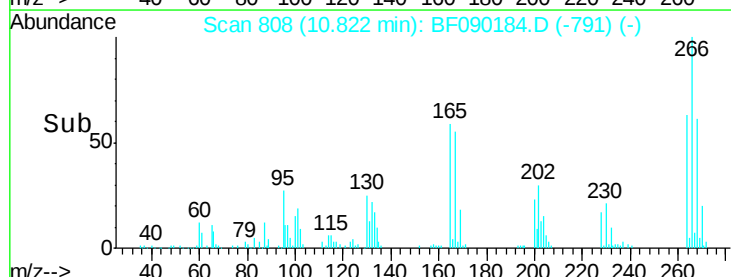
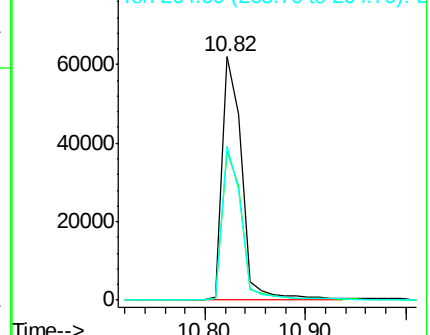
264 63.0 50.3 75.5

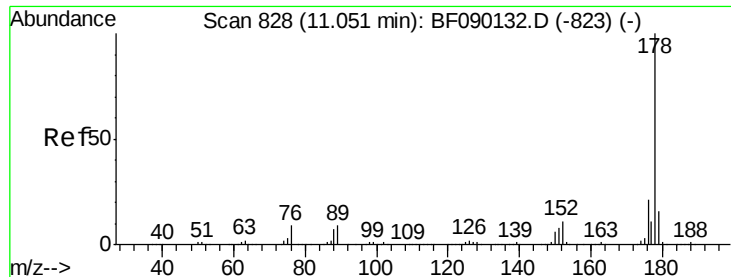


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

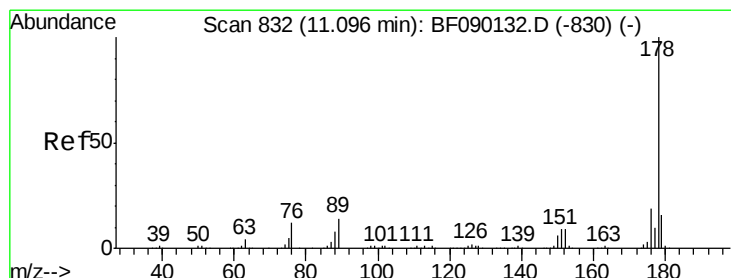
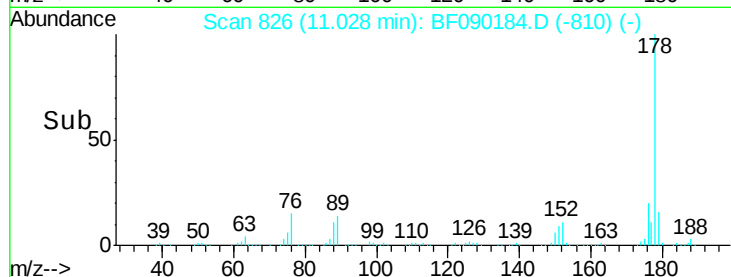
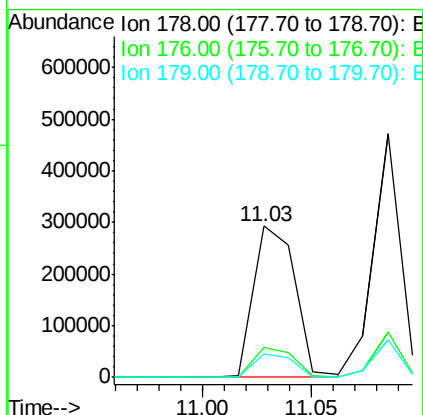
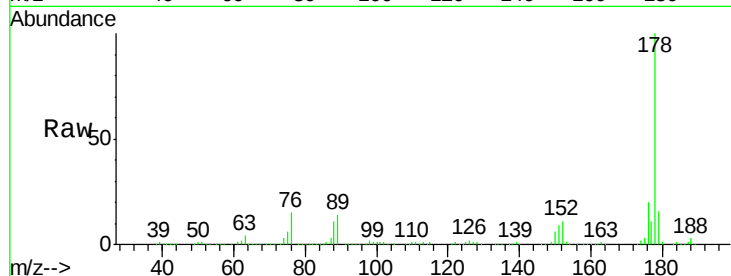




#70
Phenanthrene
Concen: 20.50 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

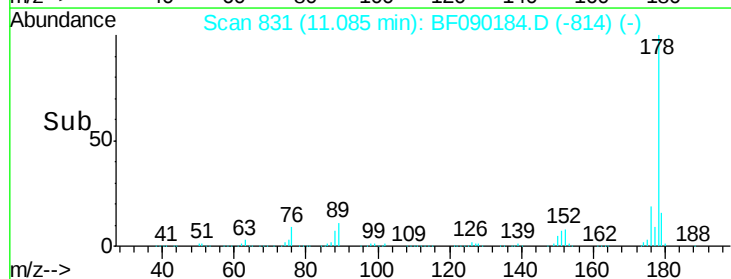
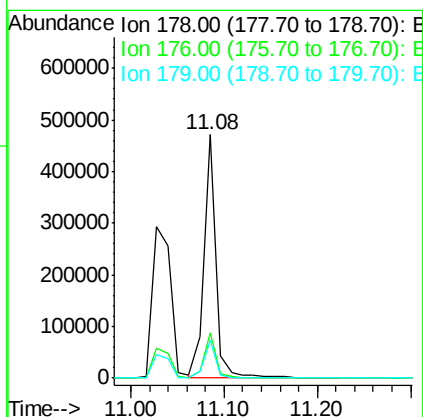
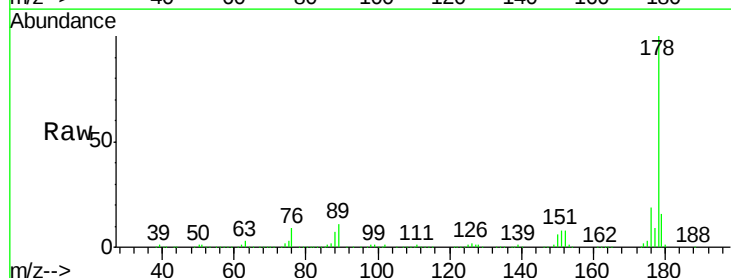
Instrument :
BNA_F
ClientSampleId :
SS-3MS

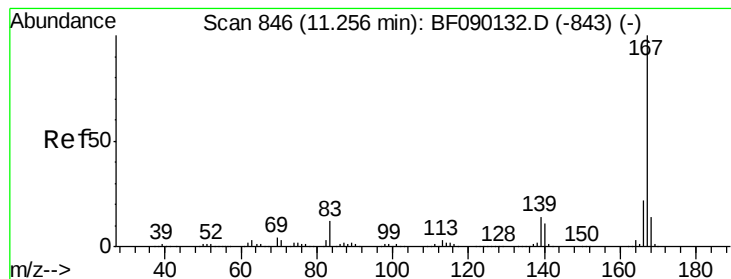
Tot Ion:178 Resp: 390146
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.5 12.9 19.3



#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





#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

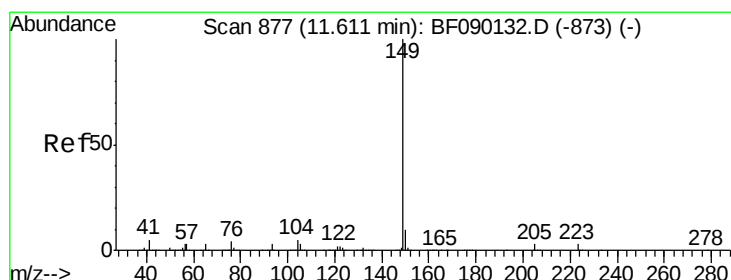
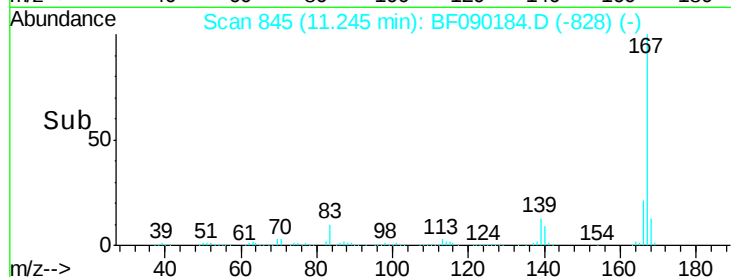
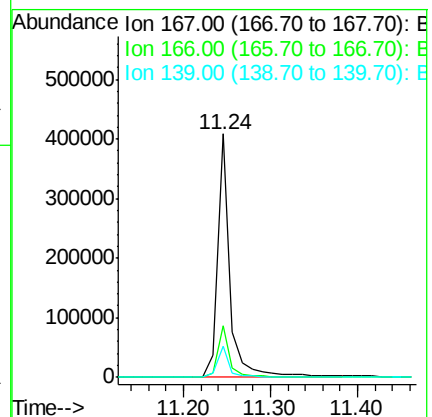
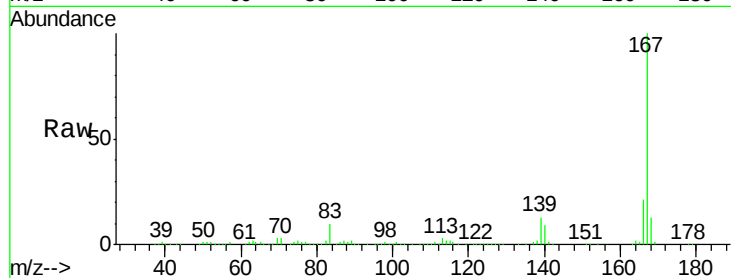
Tot Ion:167 Resp: 413149

Ion Ratio Lower Upper

167 100

166 21.0 18.0 27.0

139 12.7 10.4 15.6



#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

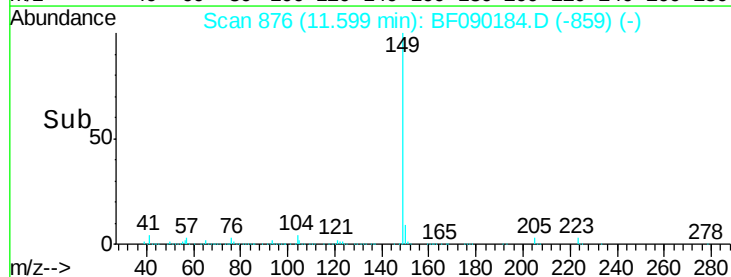
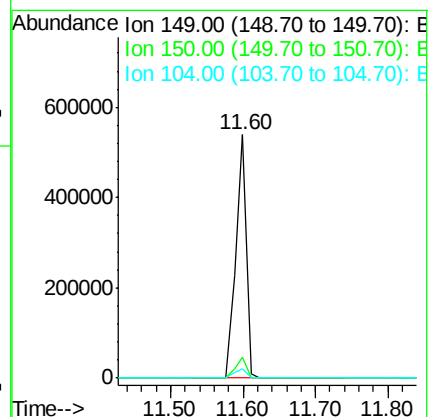
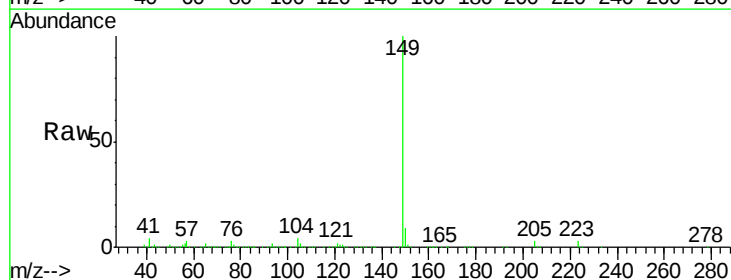
Tgt Ion:149 Resp: 540287

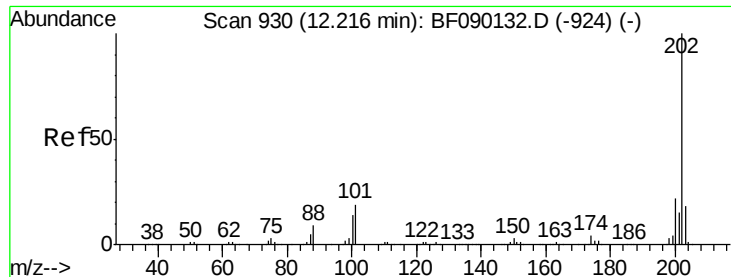
Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.8

104 3.8 3.9 5.9#





#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

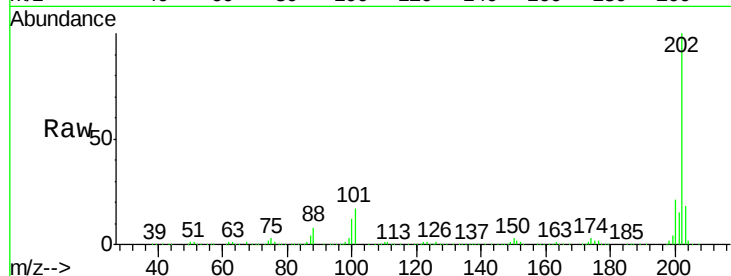
Tot Ion:202 Resp: 433282

Ion Ratio Lower Upper

202 100

101 17.4 0.0 36.1

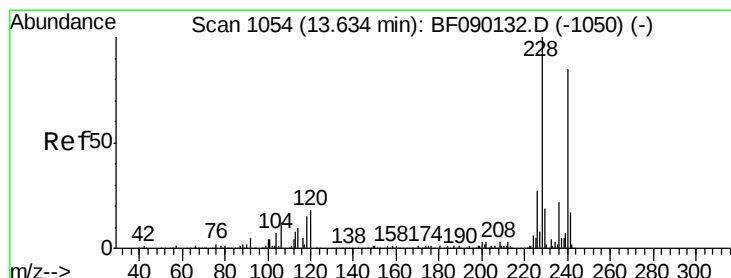
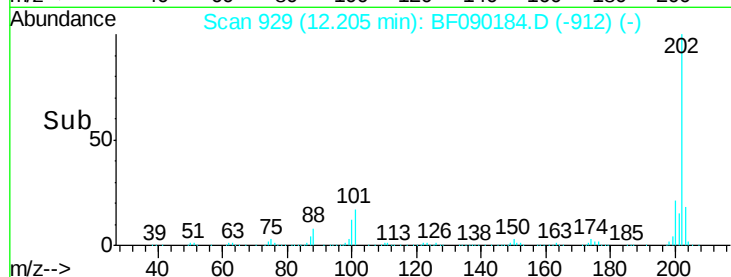
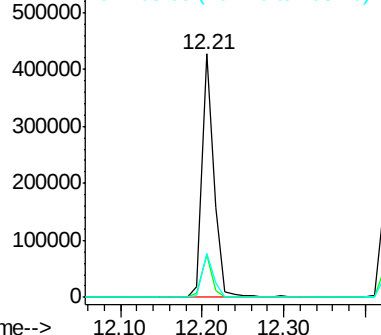
203 17.9 0.0 38.2



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: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

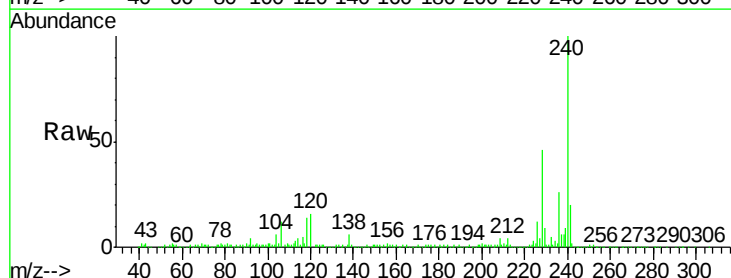
Tgt Ion:240 Resp: 318707

Ion Ratio Lower Upper

240 100

120 16.4 10.6 16.0#

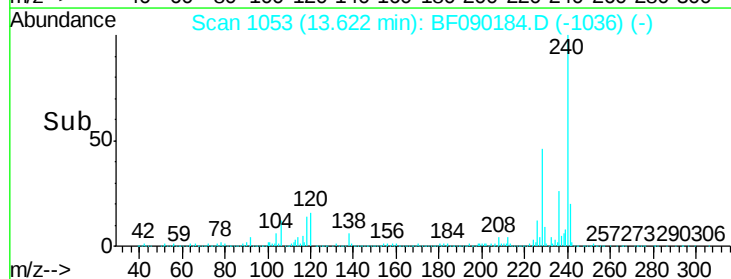
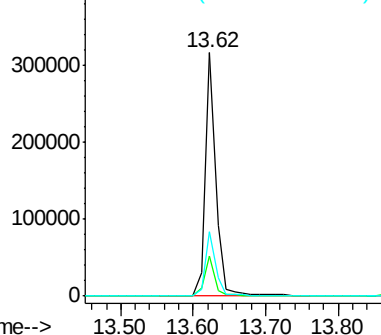
236 26.4 21.6 32.4

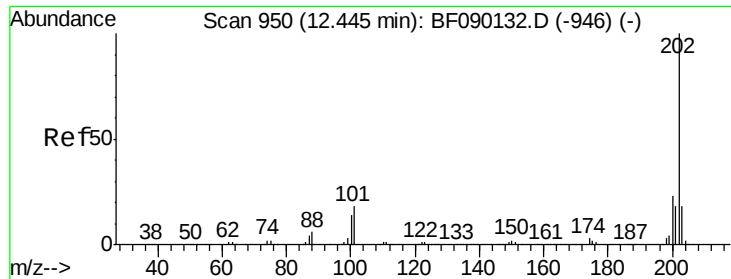


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

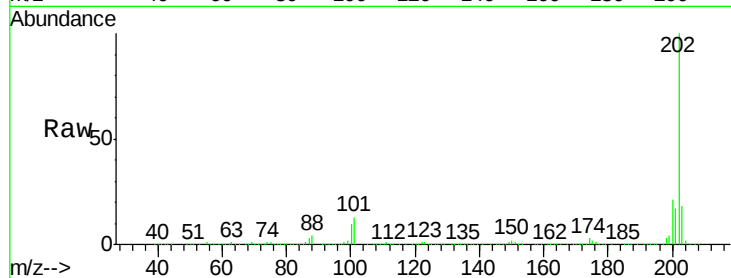




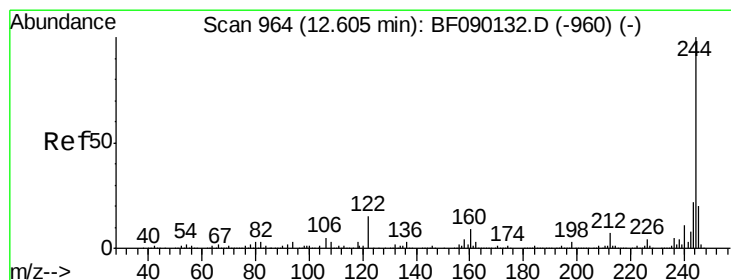
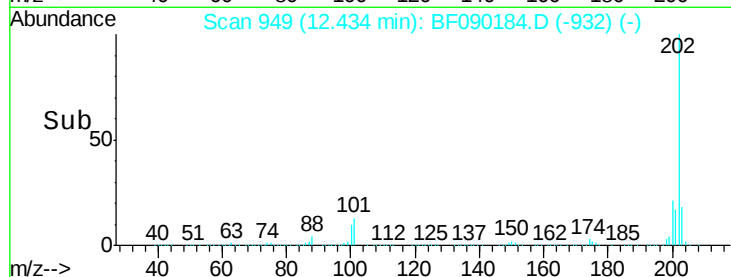
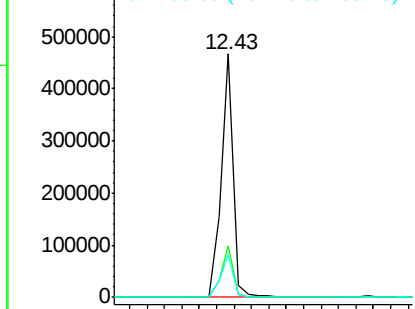
#77
Pvrene
Concen: 20.74 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

Instrument :
BNA_F
ClientSampleId :
SS-3MS

Tot Ion:202 Resp: 452325
Ion Ratio Lower Upper
202 100
200 21.3 17.9 26.9
203 17.6 14.2 21.4

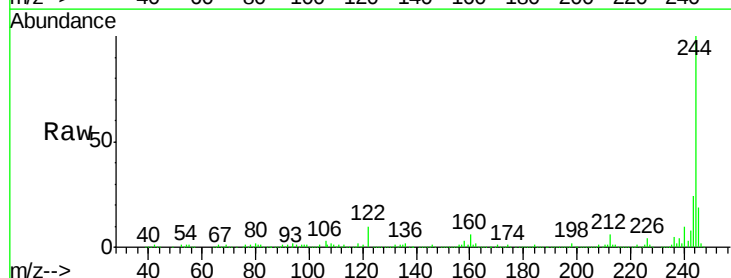


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

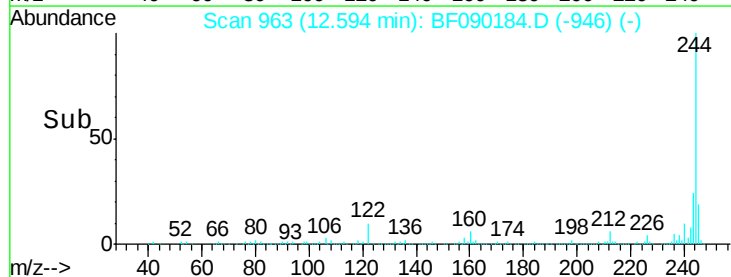
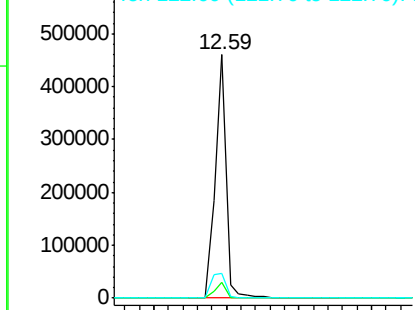


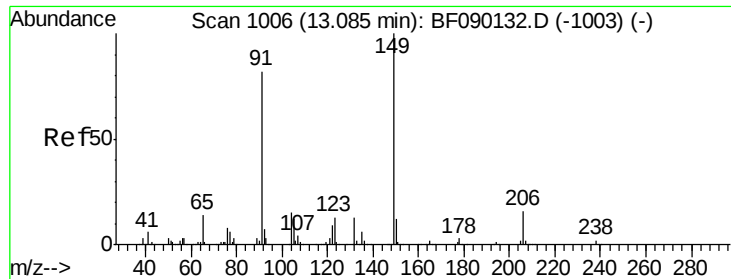
#78
Terphenyl-d14
Concen: 38.33 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

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

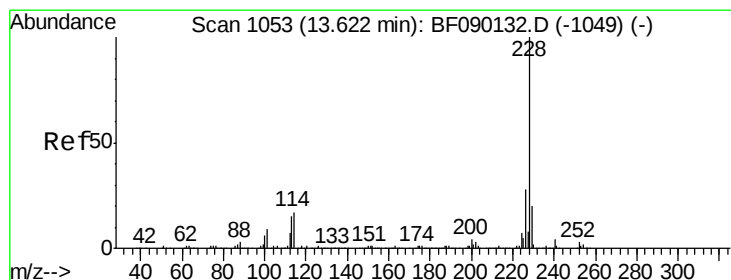
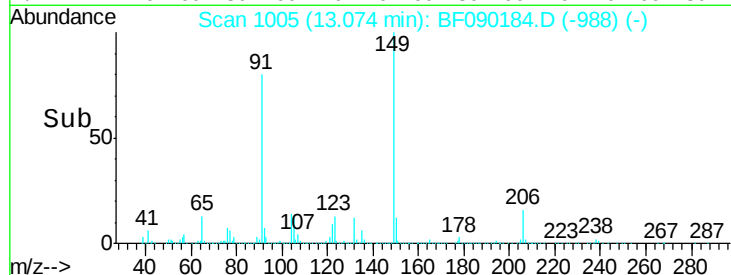
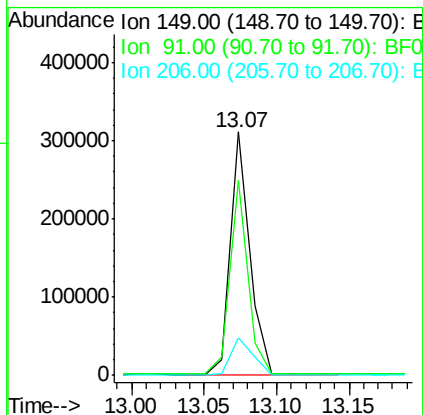
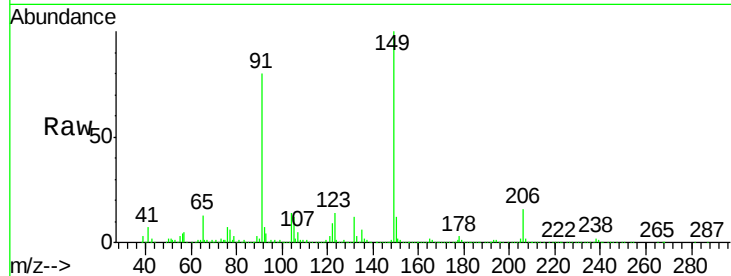




#79
Butylbenzylphthalate
Concen: 26.98 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF090184.D
Acq: 22 Sep 2016 2:57

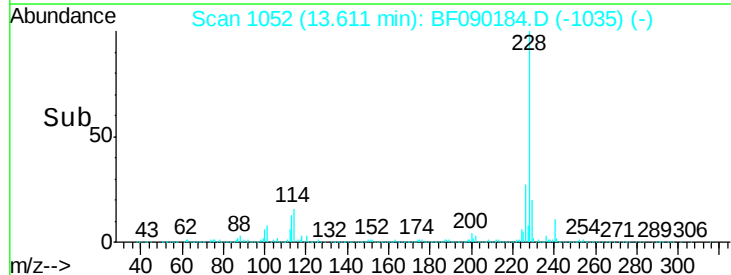
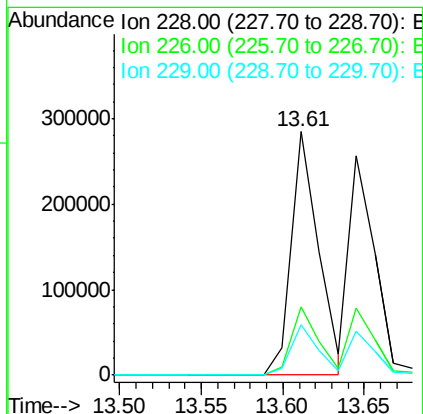
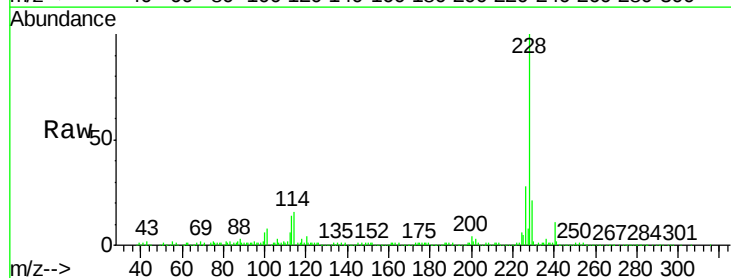
Instrument :
BNA_F
ClientSampleId :
SS-3MS

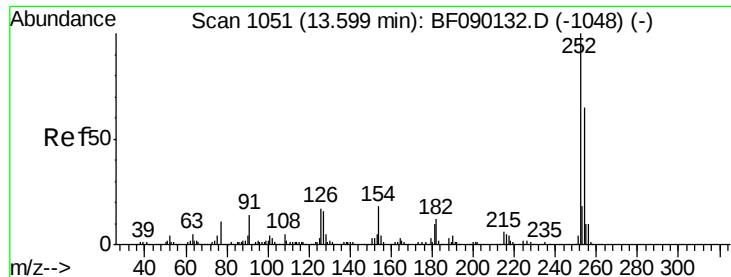
Tot Ion:149 Resp: 287819
Ion Ratio Lower Upper
149 100
91 80.3 49.8 74.6#
206 15.6 16.3 24.5#



#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

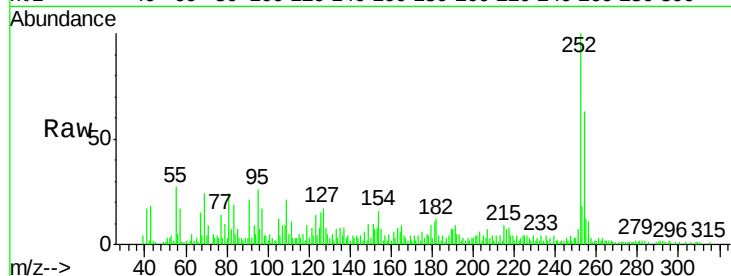




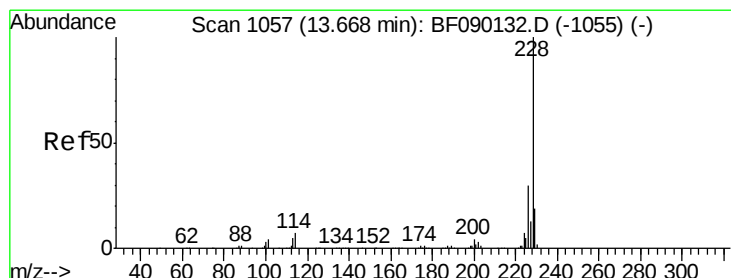
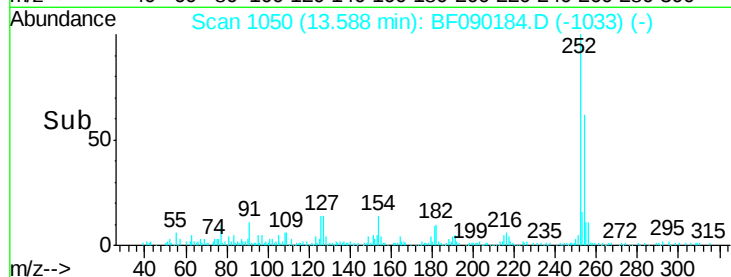
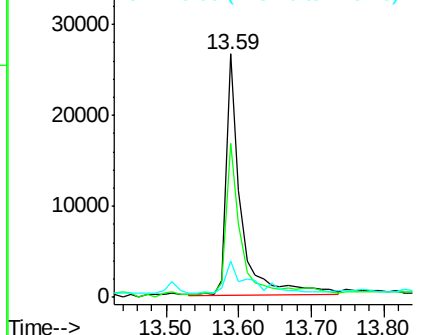
#81
 3,3'-Dichlorobenzidine
 Concen: 5.29 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

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

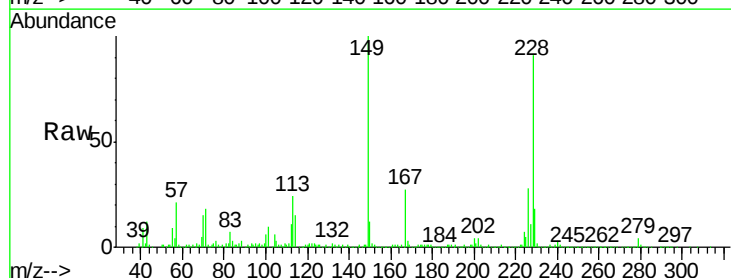


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

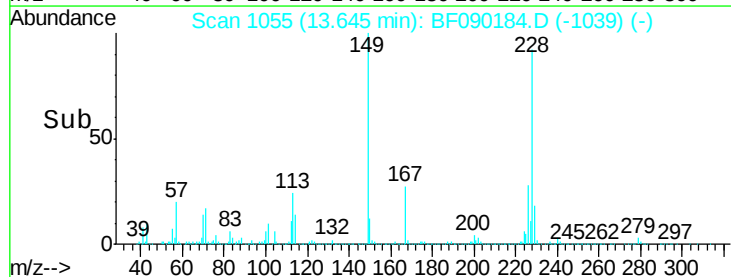
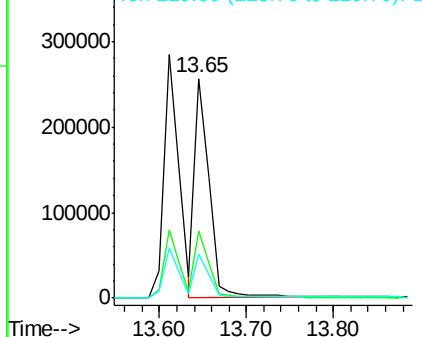


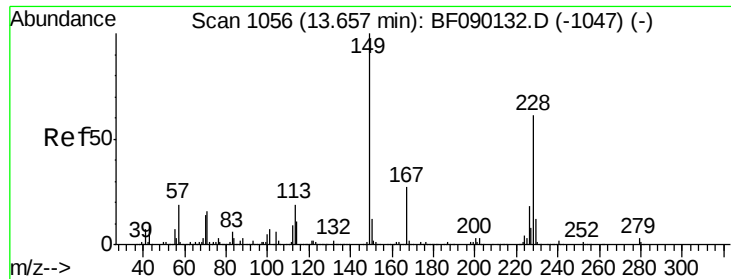
#82
 Chrysene
 Concen: 17.81 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

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

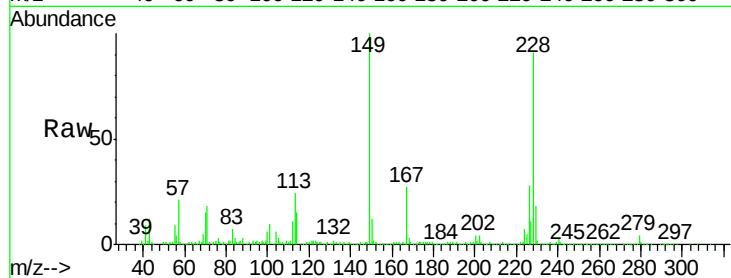




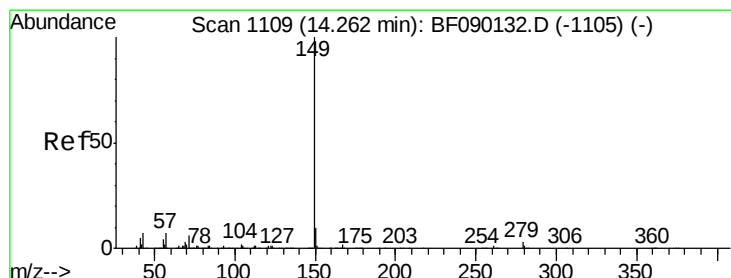
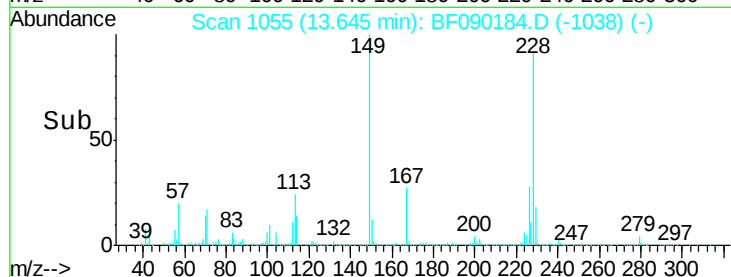
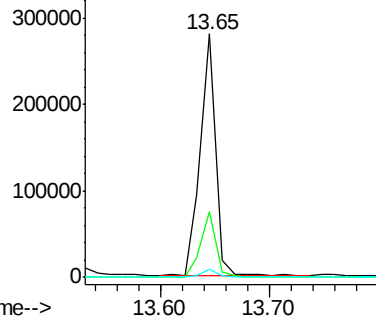
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.79 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

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

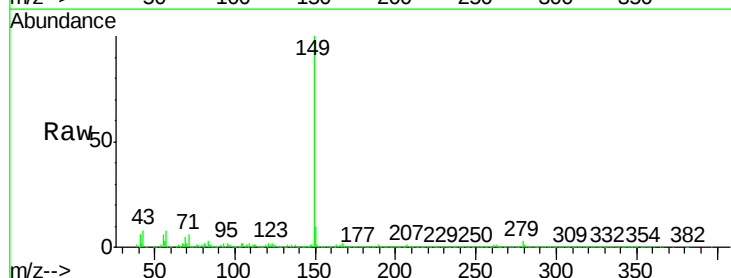


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

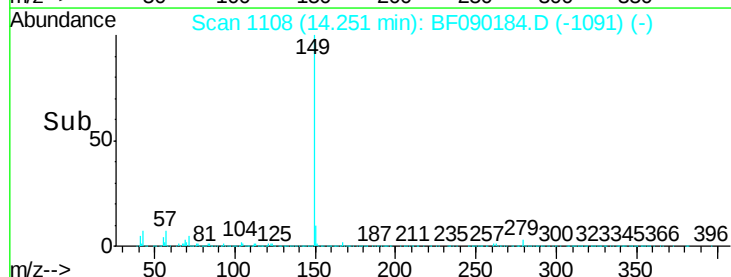
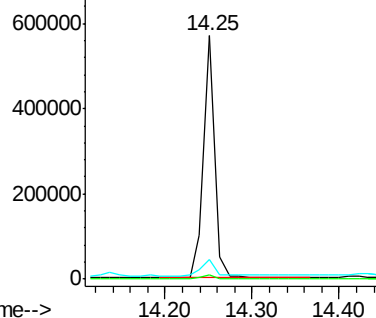


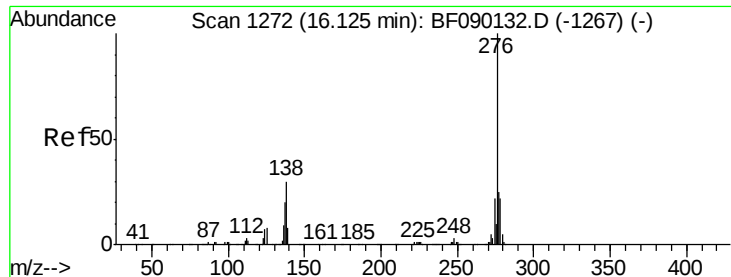
#84
 Di-n-octyl phthalate
 Concen: 21.37 ng
 RT: 14.25 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

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

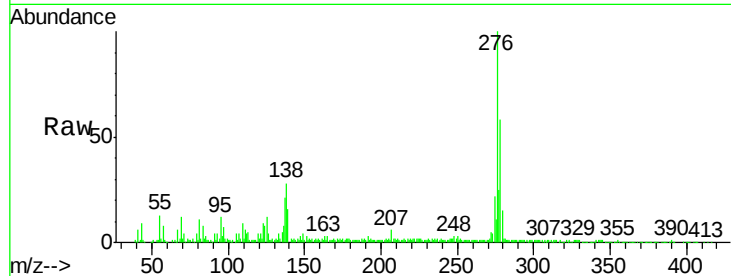




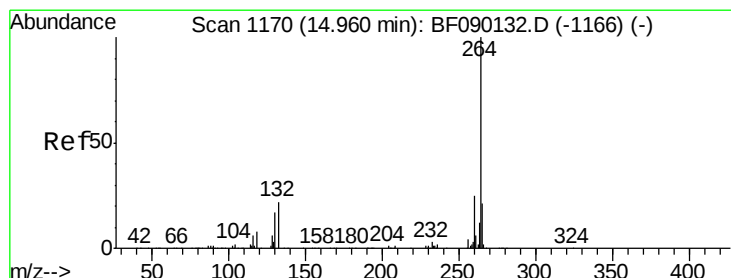
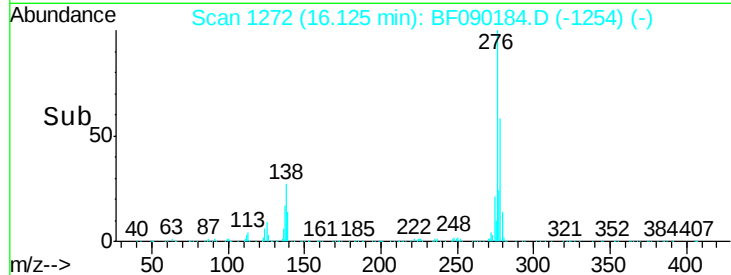
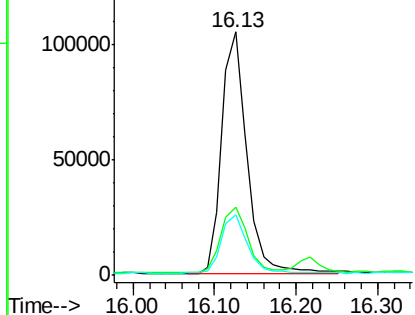
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.65 ng
 RT: 16.13 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampled :
 SS-3MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.9	38.9
277	25.8	19.9	29.9

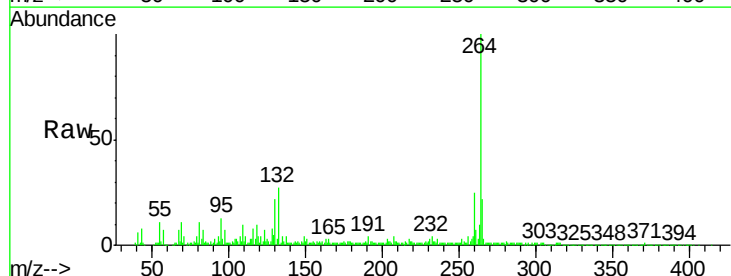


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

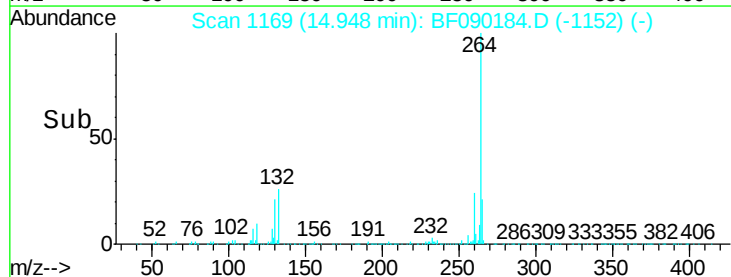
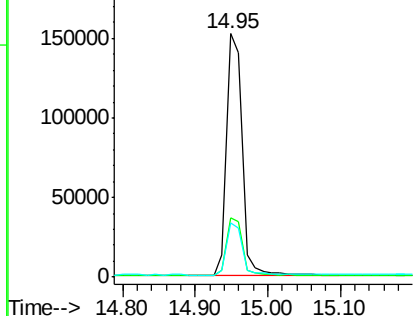


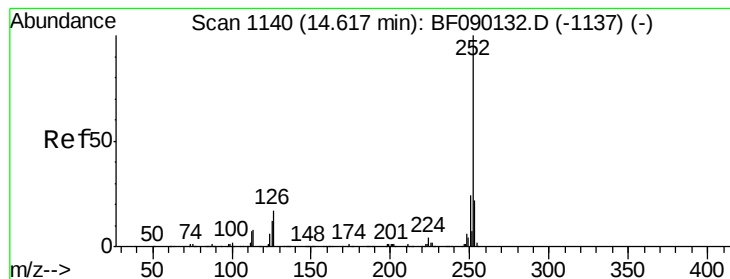
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Tgt Ion	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: 20.87 ng m

RT: 14.61 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

Instrument :

BNA_F

ClientSampleId :

SS-3MS

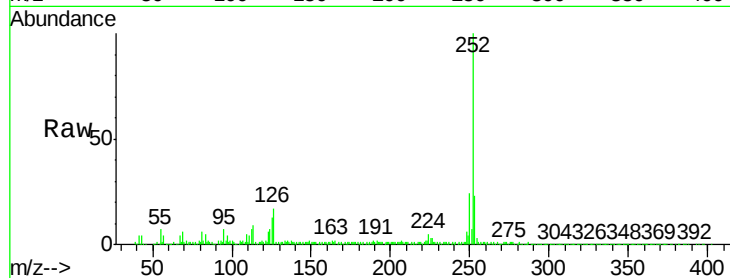
Tot Ion:252 Resp: 266797

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

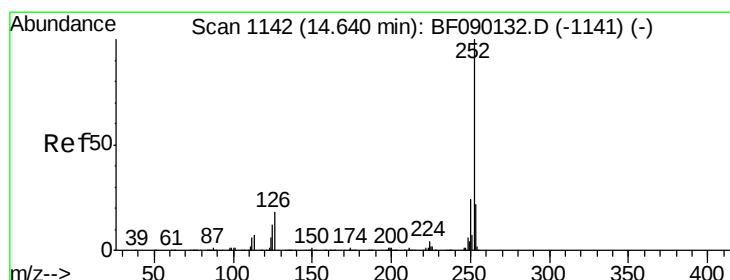
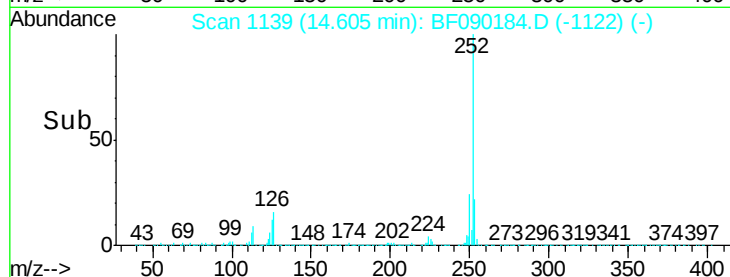
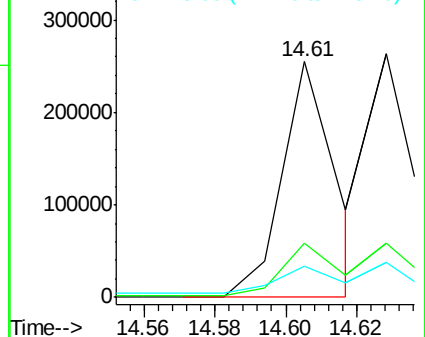
125 13.4 12.7 19.1



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: 21.67 ng m

RT: 14.63 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF090184.D

Acq: 22 Sep 2016 2:57

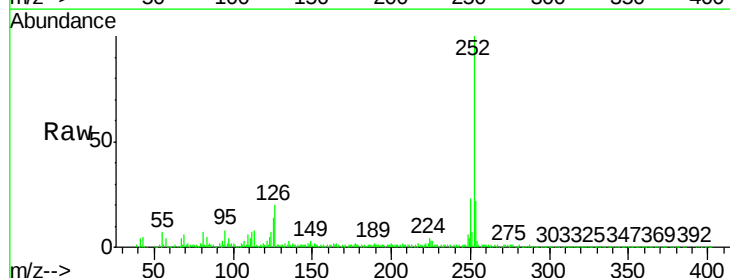
Tgt Ion:252 Resp: 260062

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

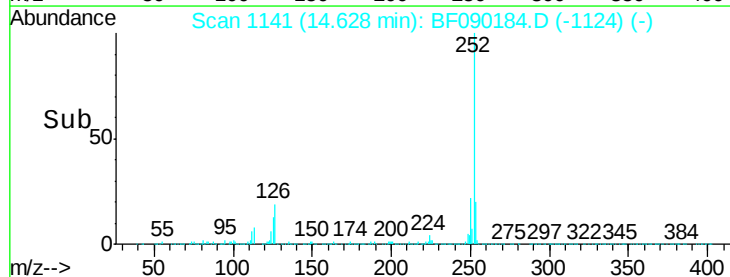
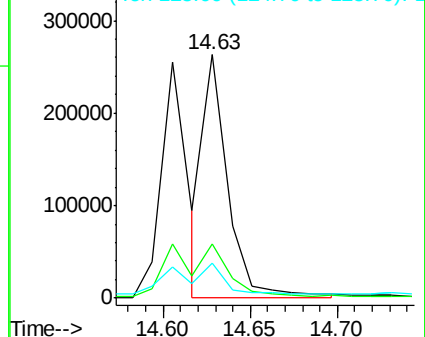
125 14.2 7.8 11.6#

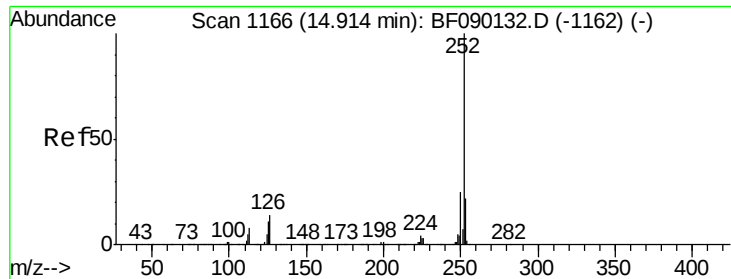


Abundance Ion 252.00 (251.70 to 252.70): E

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

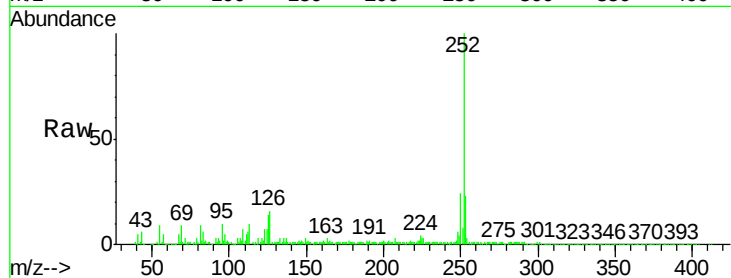
Tot Ion:252 Resp: 232128

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

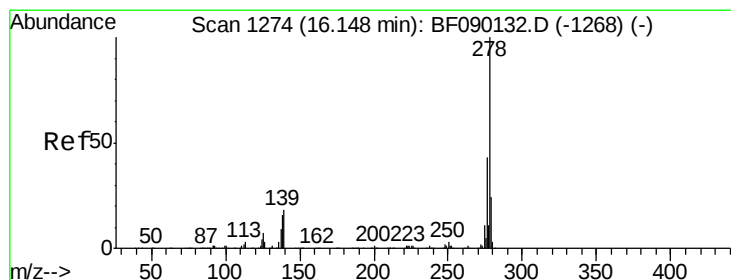
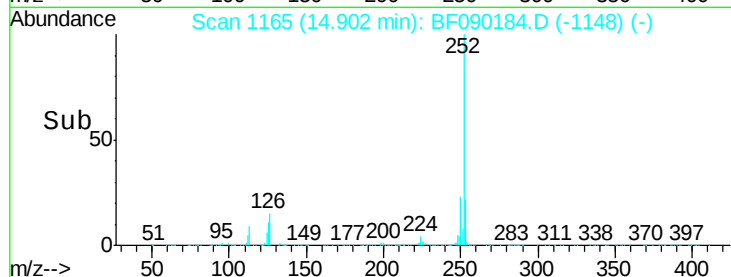
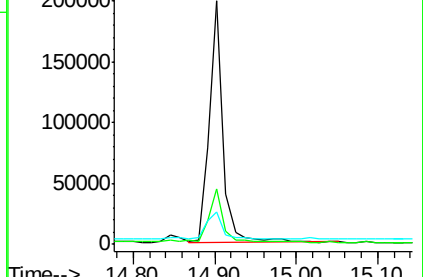
125 13.5 7.7 11.5#



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

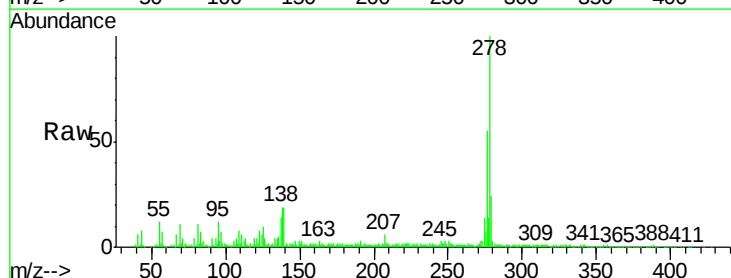
Tgt Ion:278 Resp: 192760

Ion Ratio Lower Upper

278 100

139 19.2 14.6 21.8

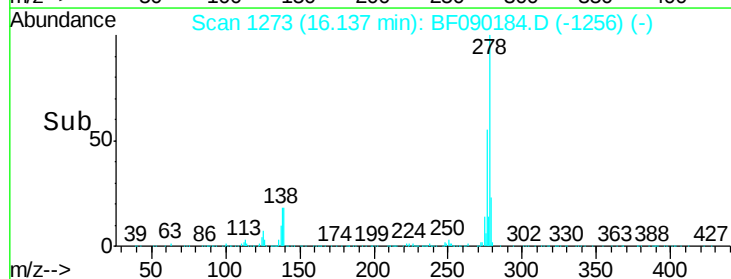
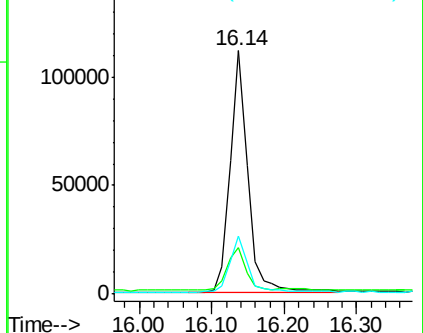
279 23.9 18.8 28.2

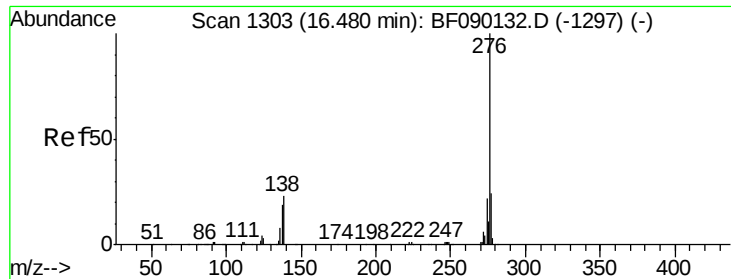


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

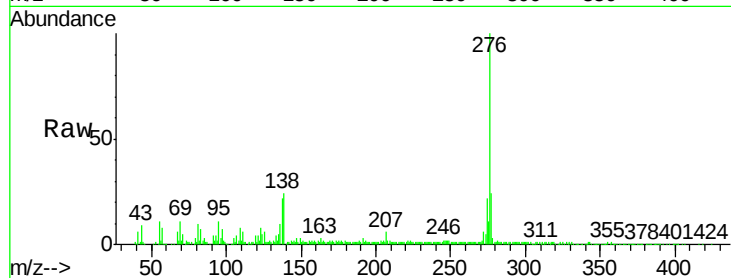




#91
 Benzo(a,h,i)perylene
 Concen: 20.33 ng
 RT: 16.47 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF090184.D
 Acq: 22 Sep 2016 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MS

Tot 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

