

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090185.D
 Acq On : 22 Sep 2016 3:25
 Operator : UM/SJ
 Sample : H4856-17MSD 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

Quant Time: Sep 22 04:51:08 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	155283m	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	567187m	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	266524	20.00	ng	-0.01
63) Phenanthrene-d10	11.02	188	371484	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	294862	20.00	ng	-0.01
86) Perylene-d12	14.96	264	213435	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	515623	54.12	ng	0.00
7) Phenol-d6	6.17	99	623341	52.98	ng	0.00
23) Nitrobenzene-d5	7.08	82	400818	40.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	119676	52.34	ng	-0.01
44) 2-Fluorobiphenyl	8.88	172	647962	47.73	ng	-0.01
78) Terphenyl-d14	12.59	244	479457	41.28	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.91	88	63855	12.35	ng	99
3) Pyridine	2.52	79	173384	15.47	ng	99
4) n-Nitrosodimethylamine	2.46	42	59047	17.65	ng	97
6) Aniline	6.17	93	148392m	10.12	ng	
8) 2-Chlorophenol	6.30	128	198640	18.12	ng	86
9) Benzaldehyde	6.04	77	20304	3.96	ng	98
10) Phenol	6.18	94	244050m	17.55	ng	
11) bis(2-Chloroethyl)ether	6.25	93	207188	19.10	ng	98
12) 1,3-Dichlorobenzene	6.44	146	199627m	17.43	ng	
13) 1,4-Dichlorobenzene	6.52	146	208204m	17.81	ng	
14) 1,2-Dichlorobenzene	6.68	146	188658	18.11	ng	99
15) Benzyl Alcohol	6.67	79	145085m	20.68	ng	
16) 2,2'-oxybis(1-Chloropropan	6.81	45	228955m	17.67	ng	
17) 2-Methylphenol	6.80	107	156342	18.11	ng	99
18) Hexachloroethane	7.03	117	55834	13.39	ng	# 68
19) n-Nitroso-di-n-propylamine	6.95	70	133483m	19.31	ng	
20) 3+4-Methylphenols	6.96	107	199842	19.28	ng	97
22) Acetophenone	6.94	105	239055	17.48	ng	# 94
24) Nitrobenzene	7.10	77	174278	17.09	ng	99
25) Isophorone	7.35	82	371387	18.17	ng	99
26) 2-Nitrophenol	7.42	139	78185	15.57	ng	91
27) 2,4-Dimethylphenol	7.48	122	169140	18.96	ng	96
28) bis(2-Chloroethoxy)methane	7.56	93	226593	18.32	ng	97
29) 2,4-Dichlorophenol	7.67	162	141946	18.14	ng	88
30) 1,2,4-Trichlorobenzene	7.75	180	153770	19.68	ng	97
31) Naphthalene	7.82	128	499993	18.51	ng	99
32) Benzoic acid	7.58	122	41369	6.76	ng	93
33) 4-Chloroaniline	7.88	127	118494	10.58	ng	94
34) Hexachlorobutadiene	7.95	225	77976	18.92	ng	96
35) Caprolactam	8.24	113	41393	15.99	ng	99
36) 4-Chloro-3-methylphenol	8.38	107	151368	17.12	ng	99
37) 2-Methylnaphthalene	8.51	142	346986	20.66	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	110028	17.99	ng	97
40) Hexachlorocyclopentadiene	8.66	237	12772	4.23	ng	96

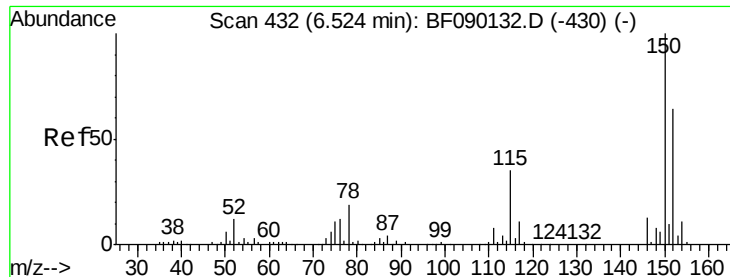
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090185.D
 Acq On : 22 Sep 2016 3:25
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	88802	20.37	nq	100
43) 2,4,5-Trichlorophenol	8.84	196	89495	19.83	nq	97
45) 1,1'-Biphenyl	8.98	154	336300	17.64	nq	93
46) 2-Chloronaphthalene	8.99	162	291010	20.69	nq	99
47) 2-Nitroaniline	9.10	65	84965	20.03	nq	83
48) Acenaphthylene	9.40	152	466006	20.40	nq	99
49) Dimethylphthalate	9.29	163	467435	27.54	nq	98
50) 2,6-Dinitrotoluene	9.35	165	58958	15.58	nq	# 60
51) Acenaphthene	9.58	154	274146	20.22	nq	98
52) 3-Nitroaniline	9.51	138	71171	16.04	nq	98
53) 2,4-Dinitrophenol	9.62	184	1608	3.88	nq	# 63
54) Dibenzofuran	9.75	168	405010	22.70	nq	100
55) 4-Nitrophenol	9.69	139	76983	25.33	nq	96
56) 2,4-Dinitrotoluene	9.74	165	69109	15.45	nq	95
57) Fluorene	10.09	166	279351	20.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	65885	19.50	nq	96
59) Diethylphthalate	9.98	149	310202	18.92	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	128260	20.91	nq	# 80
61) 4-Nitroaniline	10.11	138	64008	14.16	nq	99
62) Azobenzene	10.24	77	306762	17.98	nq	97
65) n-Nitrosodiphenylamine	10.20	169	244231	19.99	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	77582	21.22	nq	# 93
67) Hexachlorobenzene	10.63	284	78812	18.50	nq	# 89
68) Atrazine	10.74	200	72003	21.51	nq	99
69) Pentachlorophenol	10.83	266	75703	31.31	nq	98
70) Phenanthrene	11.04	178	355035	20.44	nq	98
71) Anthracene	11.08	178	382256	20.98	nq	99
72) Carbazole	11.24	167	356364	18.50	nq	99
73) Di-n-butylphthalate	11.60	149	496975	22.19	nq	# 98
74) Fluoranthene	12.21	202	370417	19.86	nq	98
77) Pyrene	12.43	202	387710	19.22	nq	99
79) Butylbenzylphthalate	13.07	149	279984	28.37	nq	# 78
80) Benzo(a)anthracene	13.61	228	313659	19.77	nq	100
81) 3,3'-Dichlorobenzidine	13.59	252	43106	6.59	nq	# 98
82) Chrysene	13.65	228	286479	18.54	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	270729	21.44	nq	# 98
84) Di-n-octyl phthalate	14.25	149	472793	21.73	nq	99
85) Indeno(1,2,3-cd)pyrene	16.13	276	234237	18.75	nq	98
87) Benzo(b)fluoranthene	14.61	252	238015m	20.14	nq	
88) Benzo(k)fluoranthene	14.63	252	242655m	21.88	nq	
89) Benzo(a)pyrene	14.90	252	211182	19.00	nq	# 96
90) Dibenzo(a,h)anthracene	16.14	278	197658	22.78	nq	# 94
91) Benzo(g,h,i)perylene	16.47	276	196894	23.19	nq	98

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

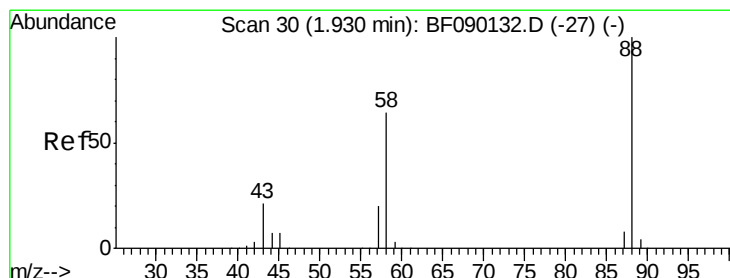
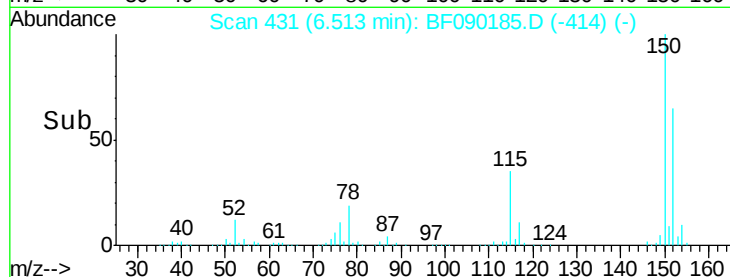
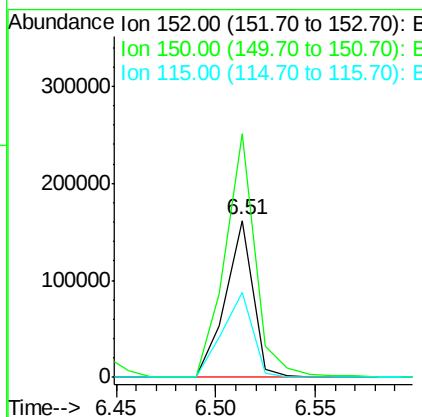
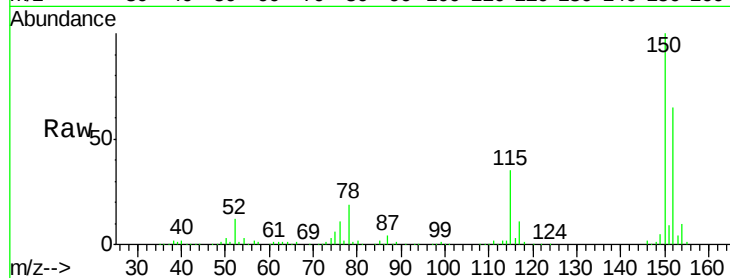


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.51 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SS-3MSD

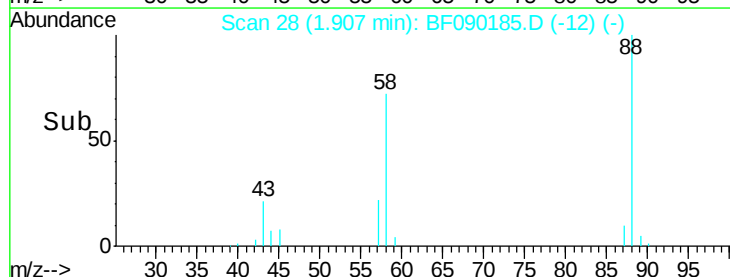
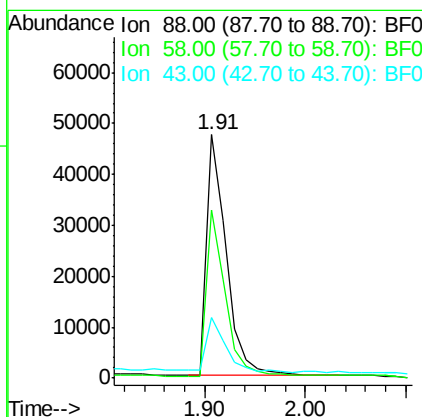
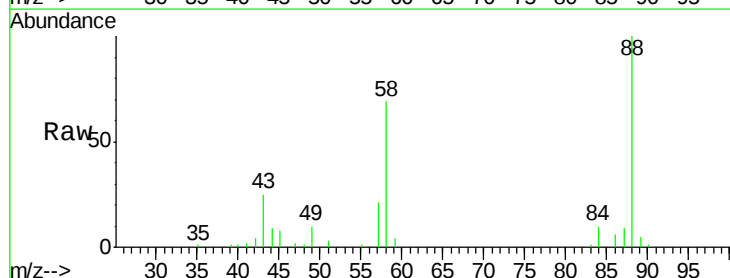
Tot Ion:152 Resp: 155283
Ion Ratio Lower Upper
152 100
150 155.0 128.9 193.3
115 53.6 55.5 83.3#

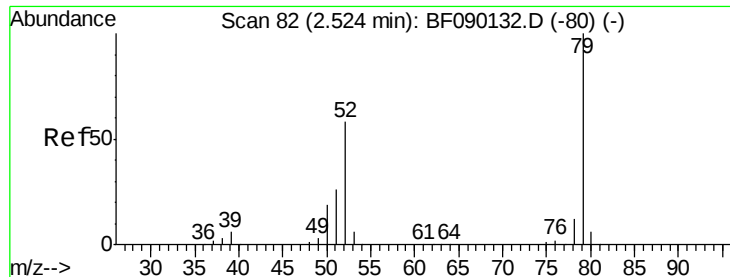


#2

1,4-Dioxane
Concen: 12.35 ng
RT: 1.91 min Scan# 28
Delta R.T. -0.02 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion: 88 Resp: 63855
Ion Ratio Lower Upper
88 100
58 66.5 53.4 80.0
43 23.1 16.5 24.7





#3

Pvridine

Concen: 15.47 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

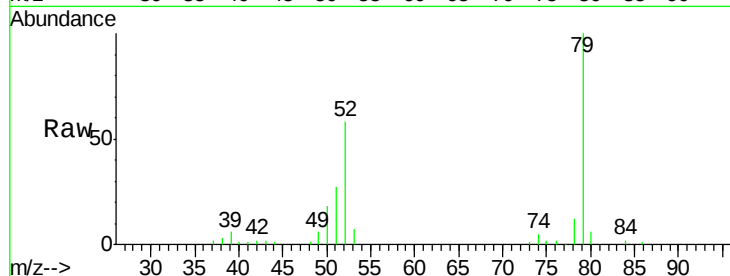
Tot Ion: 79 Resp: 173384

Ion Ratio Lower Upper

79 100

52 57.9 45.9 68.9

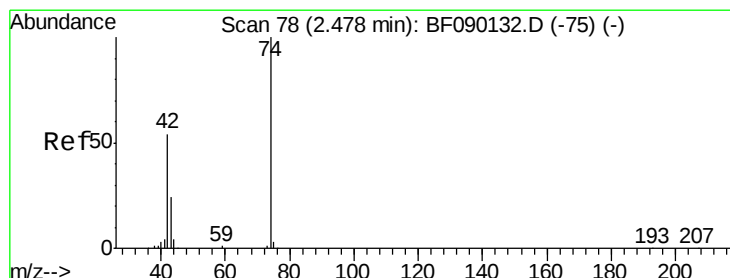
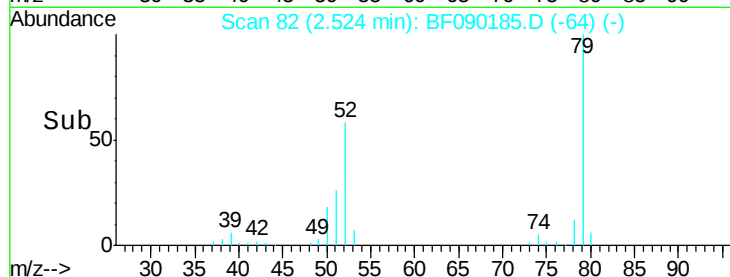
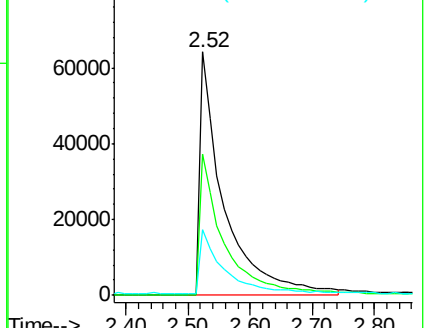
51 27.0 21.3 31.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 17.65 ng

RT: 2.46 min Scan# 76

Delta R.T. -0.02 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

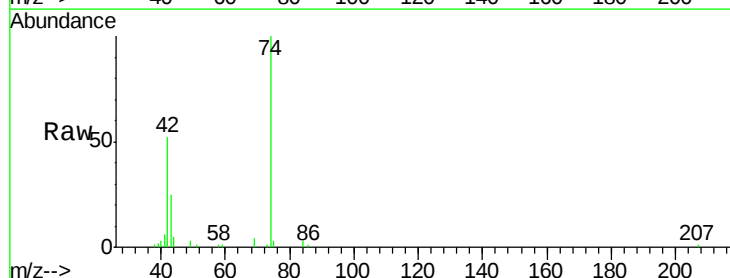
Tgt Ion: 42 Resp: 59047

Ion Ratio Lower Upper

42 100

74 193.4 158.7 238.1

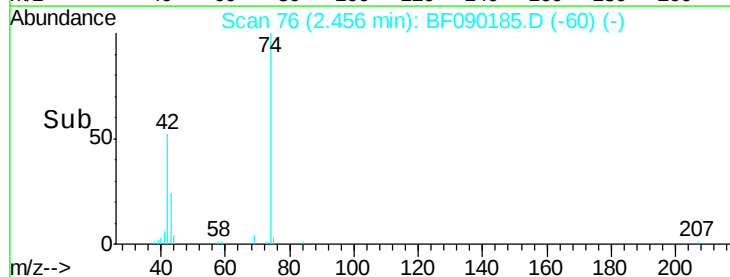
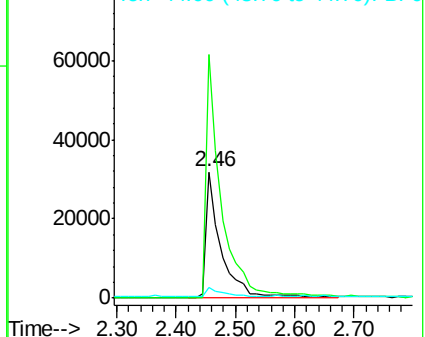
44 8.7 6.4 9.6

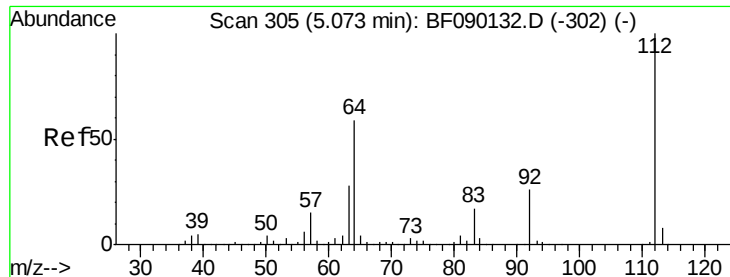


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 54.12 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

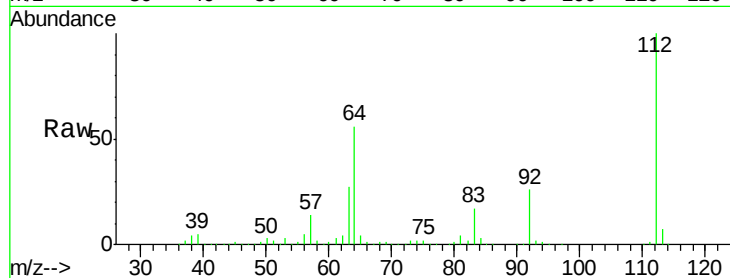
Tot Ion:112 Resp: 515623

Ion Ratio Lower Upper

112 100

64 55.8 39.8 59.6

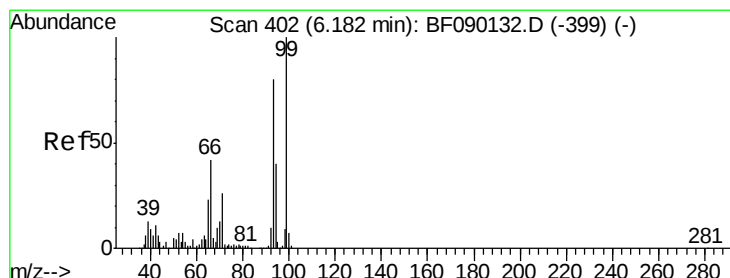
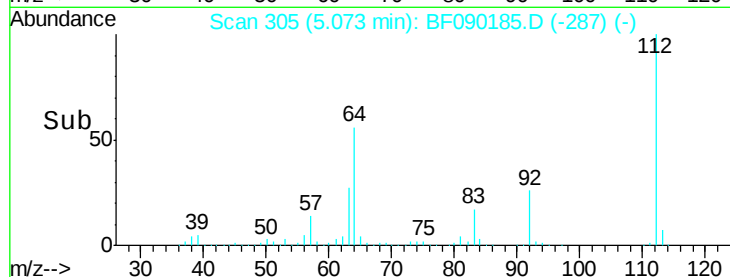
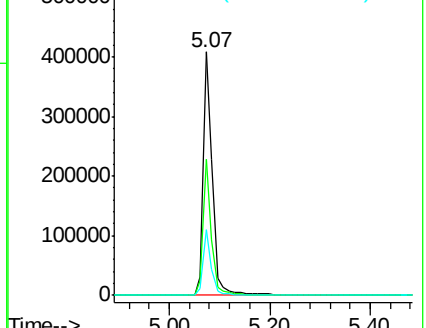
63 26.7 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.12 ng m

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

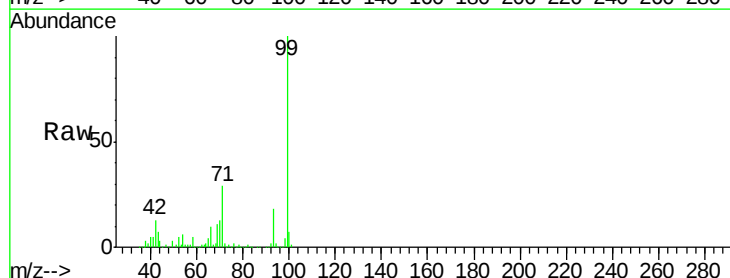
Tgt Ion: 93 Resp: 148392

Ion Ratio Lower Upper

93 100

66 56.4 54.2 81.2

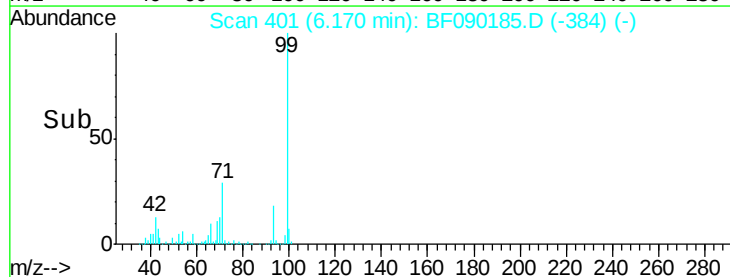
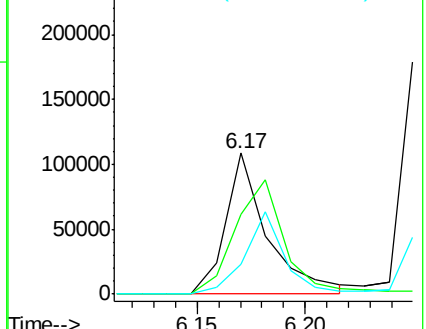
65 21.2 33.8 50.6#

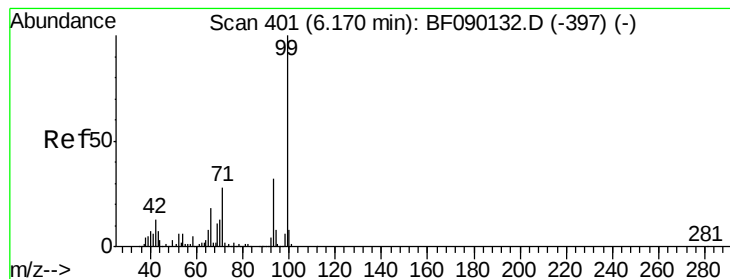


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 52.98 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

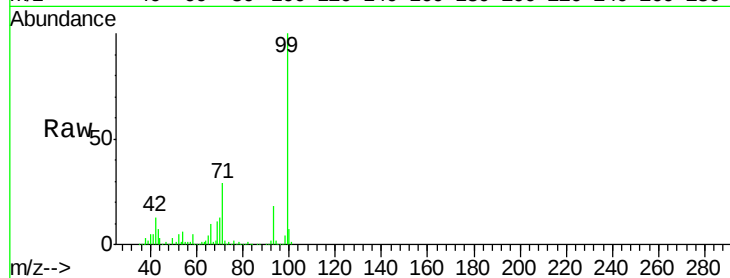
Tot Ion: 99 Resp: 623341

Ion Ratio Lower Upper

99 100

42 13.1 10.6 15.8

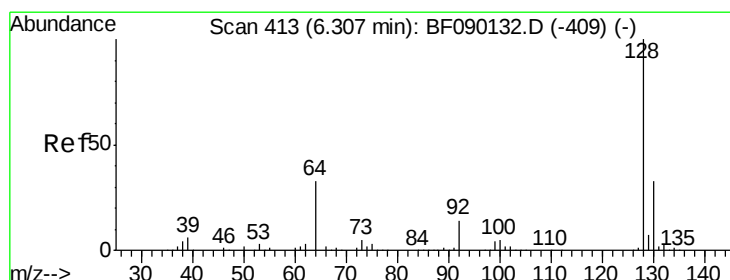
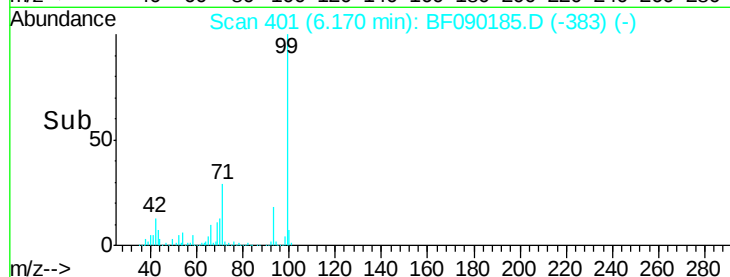
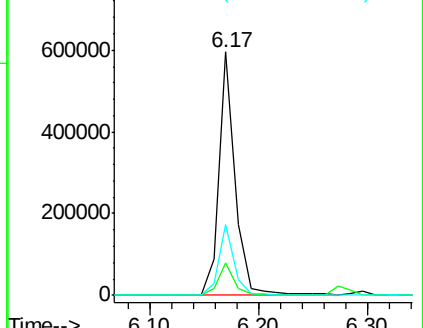
71 29.2 23.0 34.6



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: 18.12 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

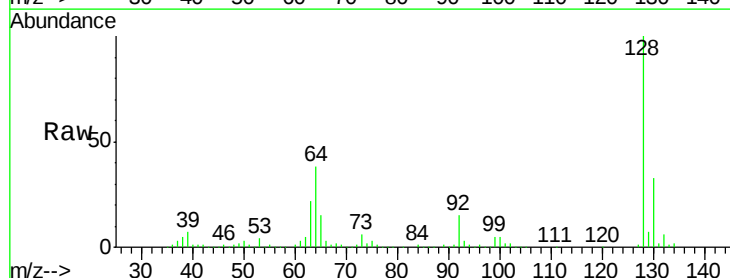
Tgt Ion: 128 Resp: 198640

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

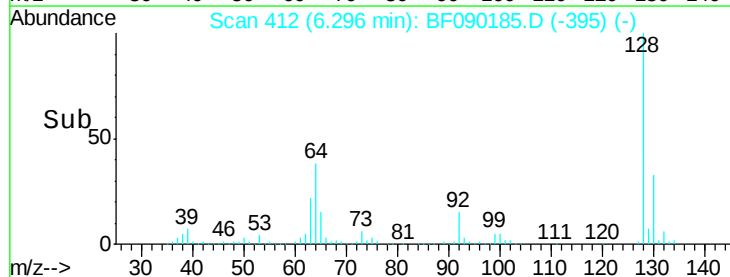
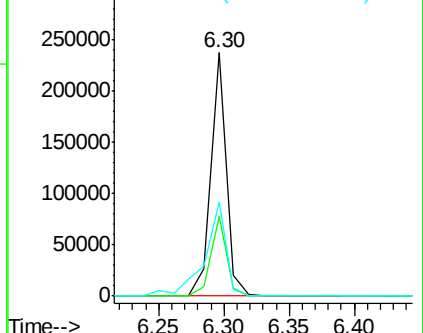
64 38.4 33.6 73.6

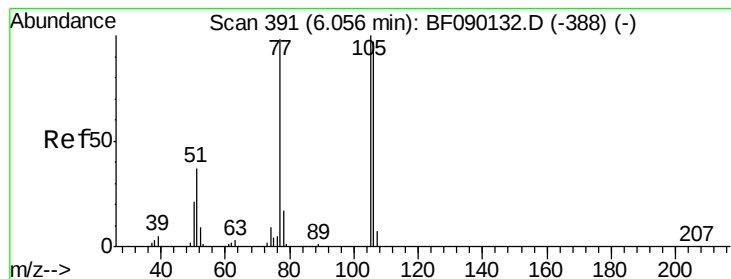


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.96 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

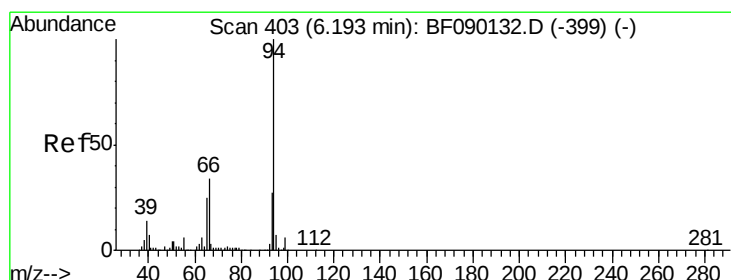
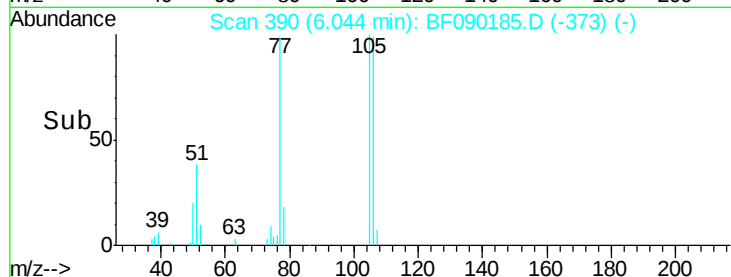
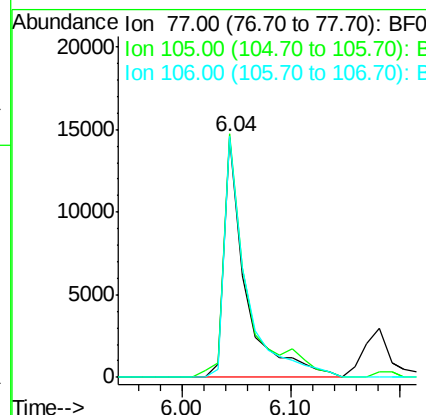
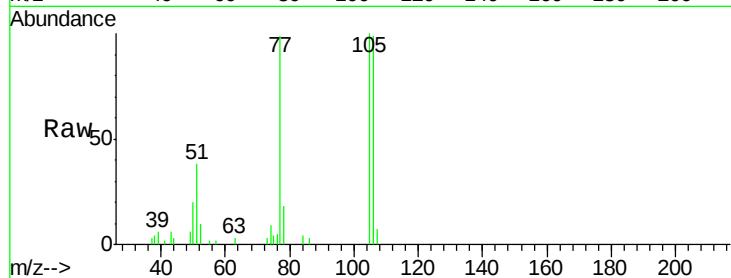
Tot Ion: 77 Resp: 20304

Ion Ratio Lower Upper

77 100

105 101.4 83.0 123.0

106 100.2 78.5 118.5



#10

Phenol

Concen: 17.55 ng m

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

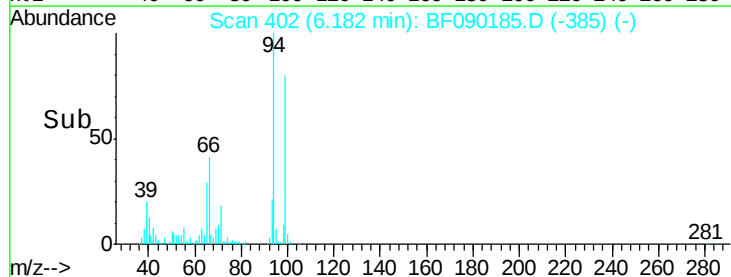
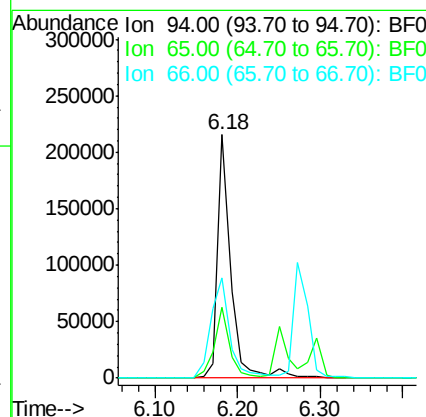
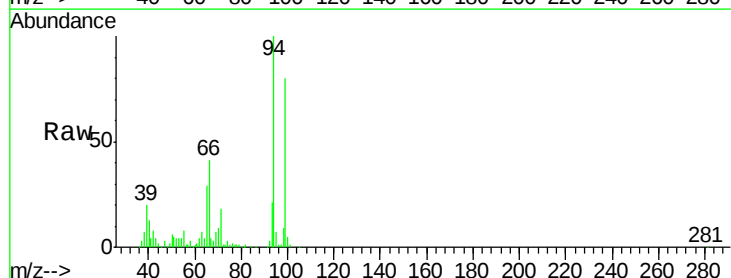
Tgt Ion: 94 Resp: 244050

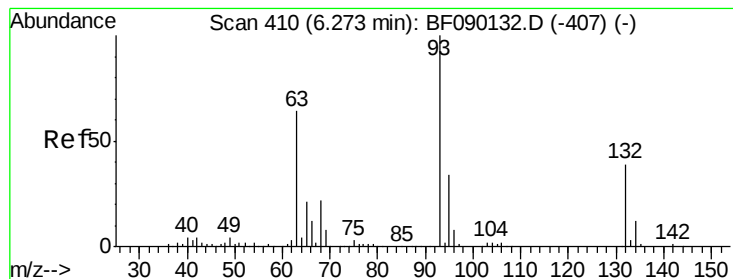
Ion Ratio Lower Upper

94 100

65 29.3 20.6 60.6

66 41.1 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 19.10 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

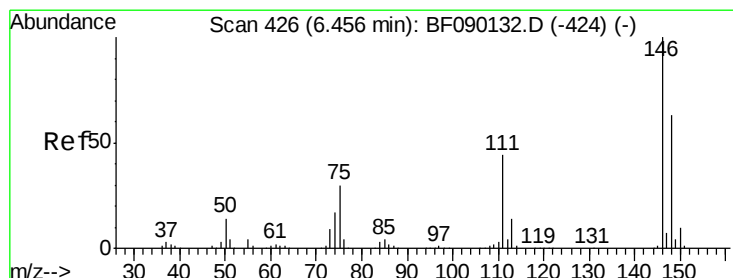
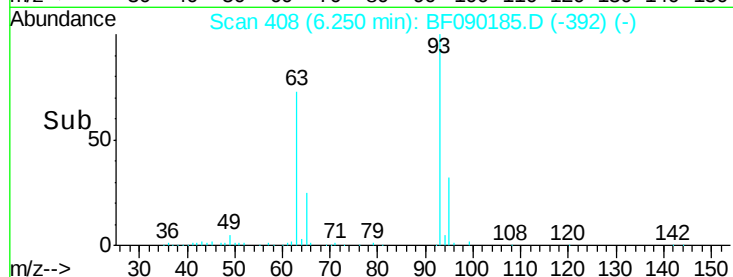
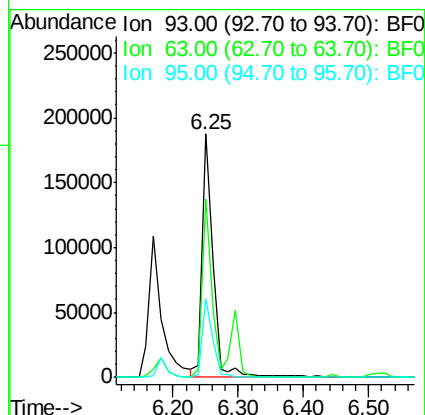
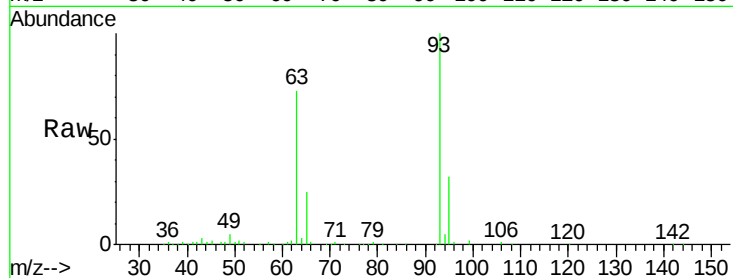
Tot Ion: 93 Resp: 207188

Ion Ratio Lower Upper

93 100

63 73.1 55.6 95.6

95 32.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 17.43 ng m

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

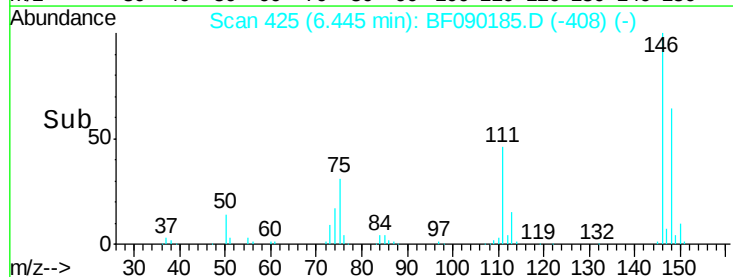
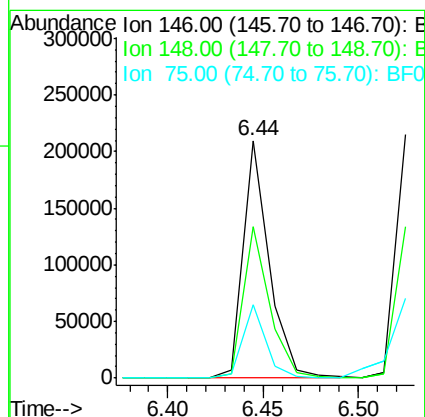
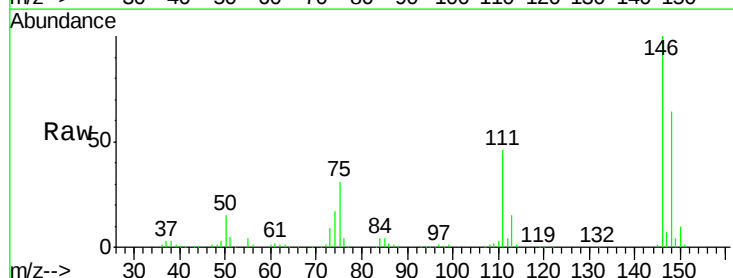
Tgt Ion: 146 Resp: 199627

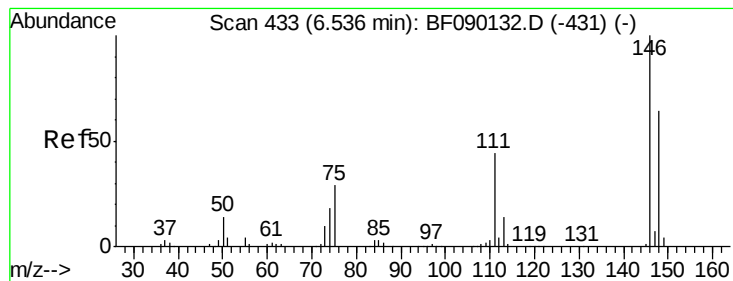
Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

75 30.9 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 17.81 ng/mL

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampled :

SS-3MSD

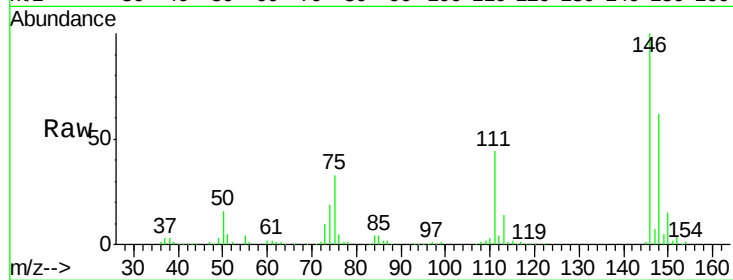
Tot Ion:146 Resp: 208204

Ion Ratio Lower Upper

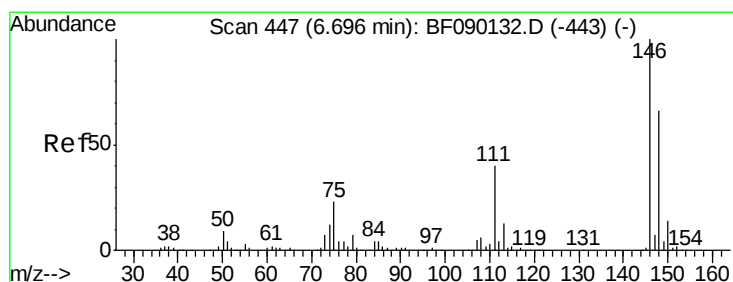
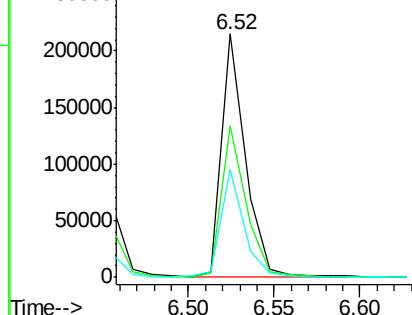
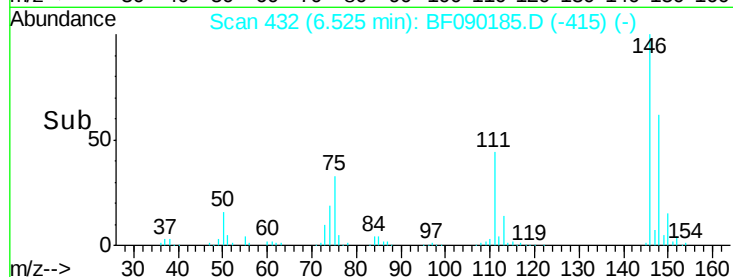
146 100

148 62.0 52.0 78.0

111 44.4 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: 18.11 ng/mL

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

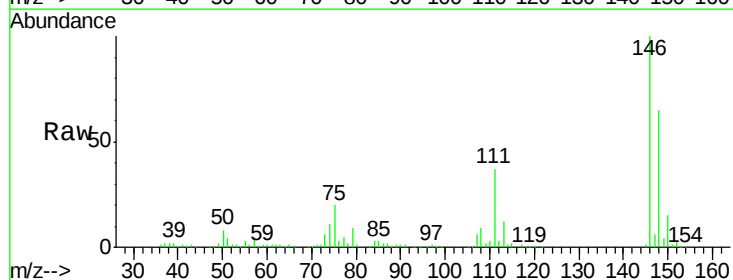
Tgt Ion:146 Resp: 188658

Ion Ratio Lower Upper

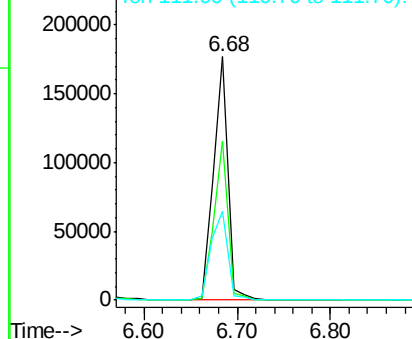
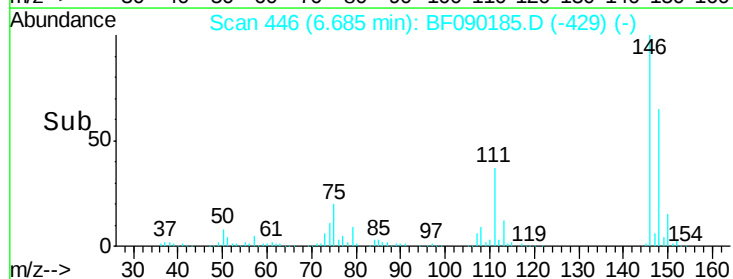
146 100

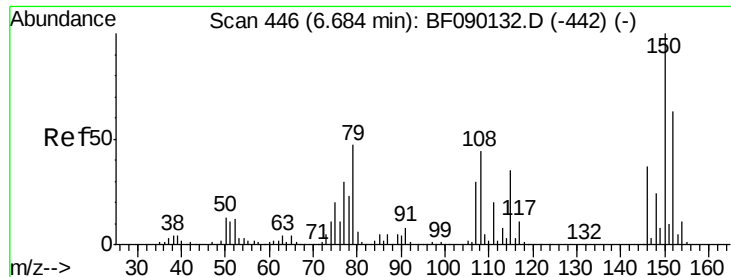
148 65.2 52.6 79.0

111 36.5 28.2 42.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

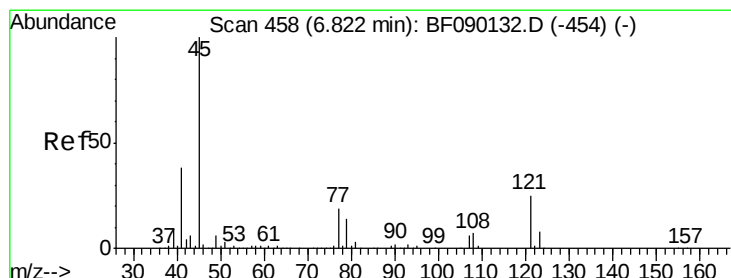
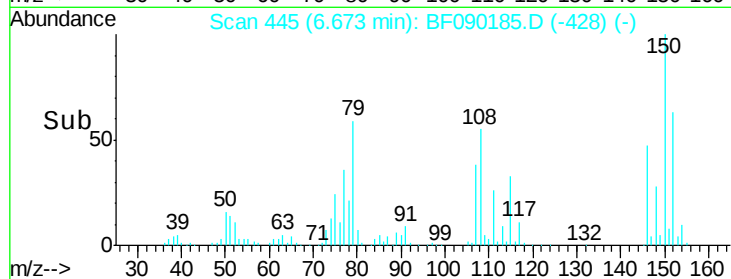
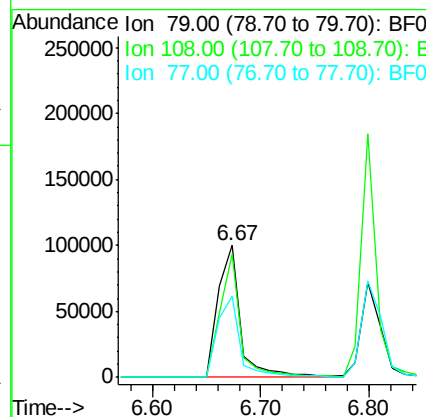
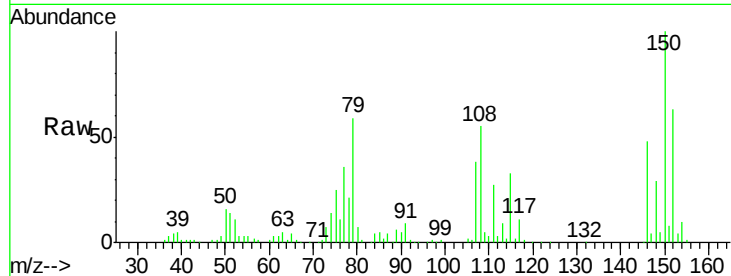




#15
Benzyl Alcohol
Concen: 20.68 ng/ml
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

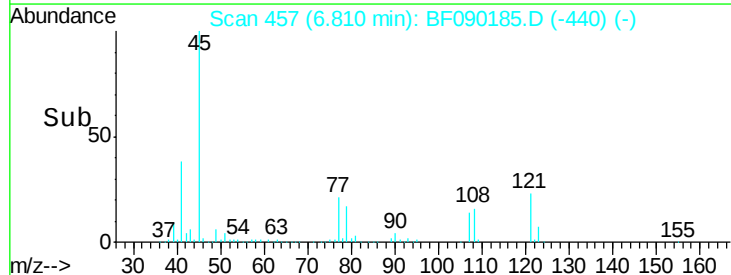
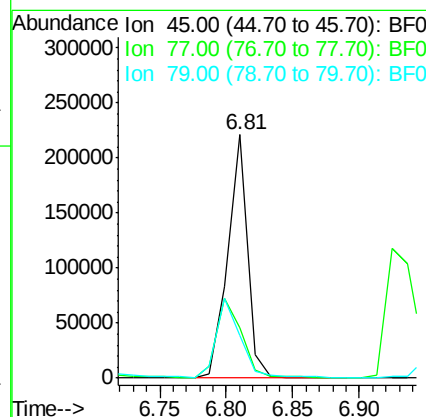
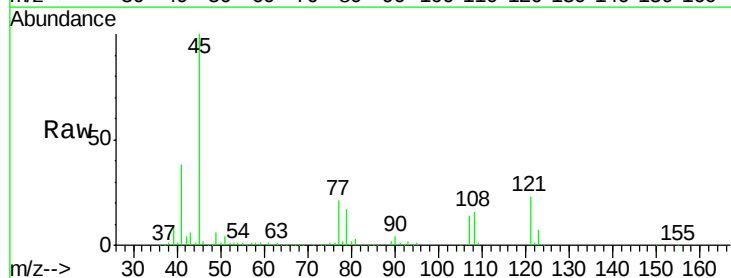
Instrument :
BNA_F
ClientSampled :
SS-3MSD

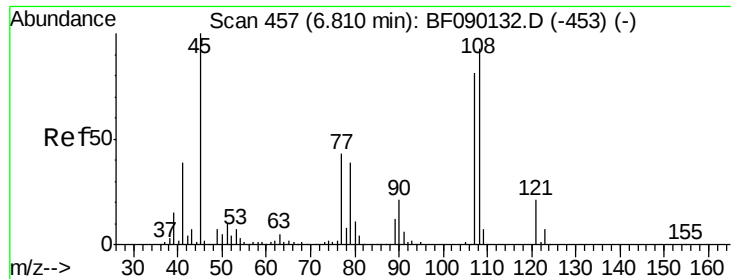
Tot Ion: 79 Resp: 145085
Ion Ratio Lower Upper
79 100
108 93.4 62.2 93.4#
77 61.3 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.67 ng/ml
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion: 45 Resp: 228955
Ion Ratio Lower Upper
45 100
77 20.8 0.5 40.5
79 17.3 0.0 37.0

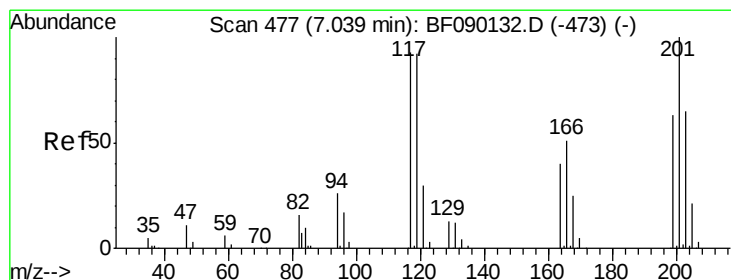
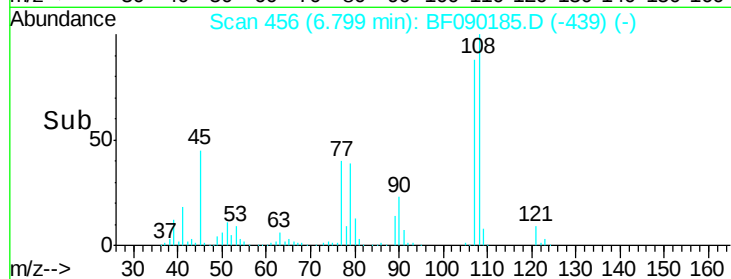
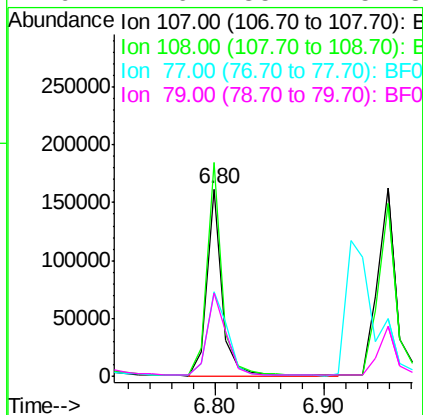
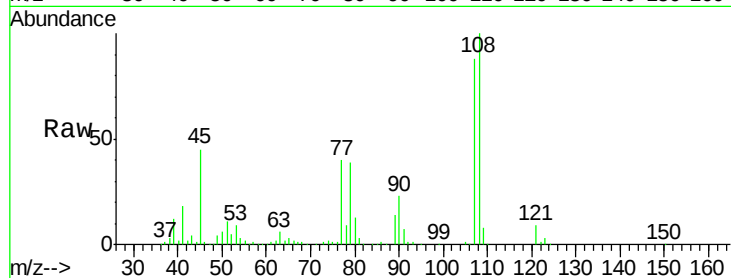




#17
2-Methylphenol
Concen: 18.11 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

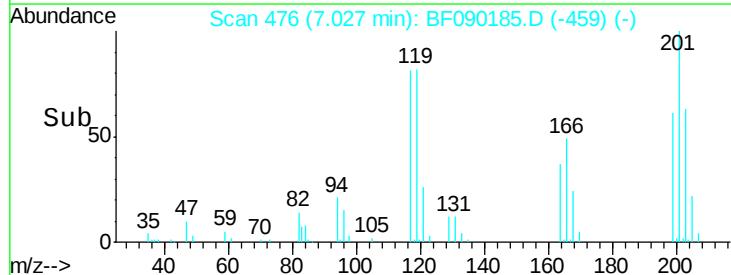
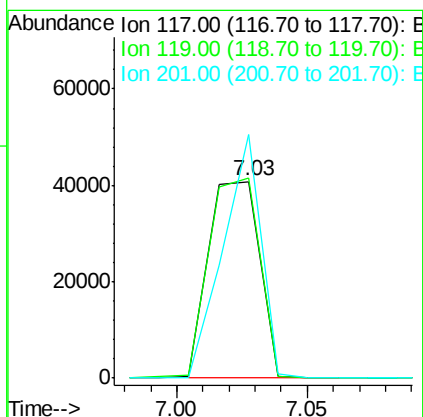
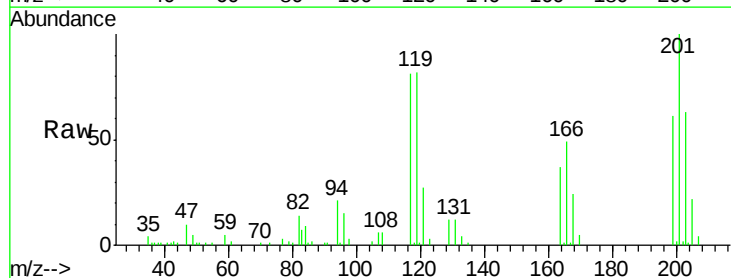
Instrument :
BNA_F
ClientSampleId :
SS-3MSD

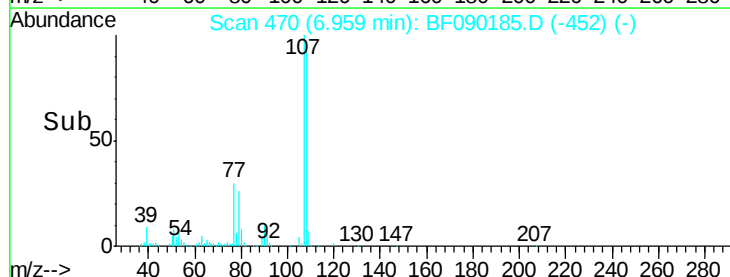
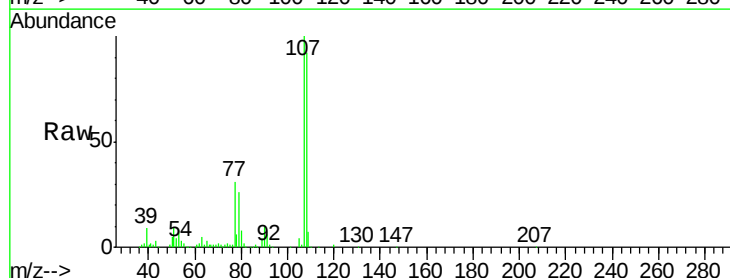
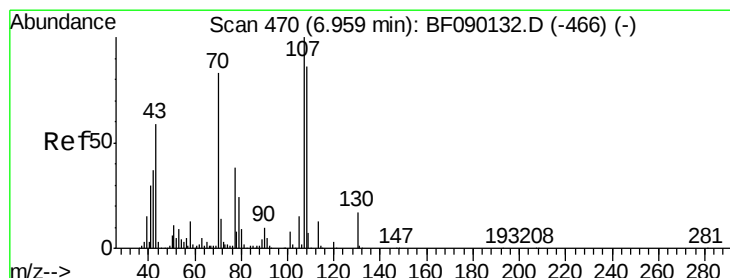
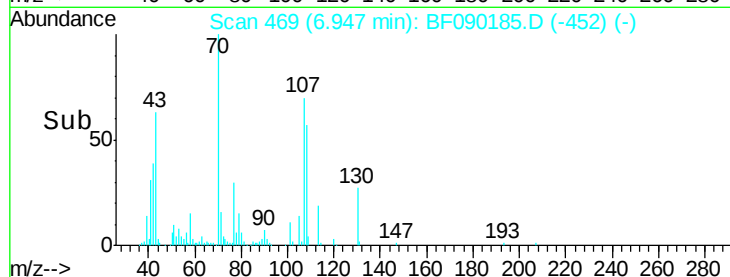
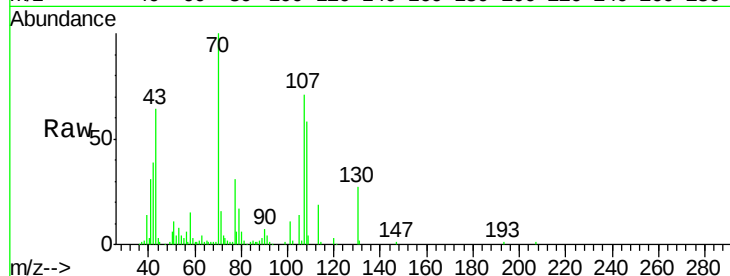
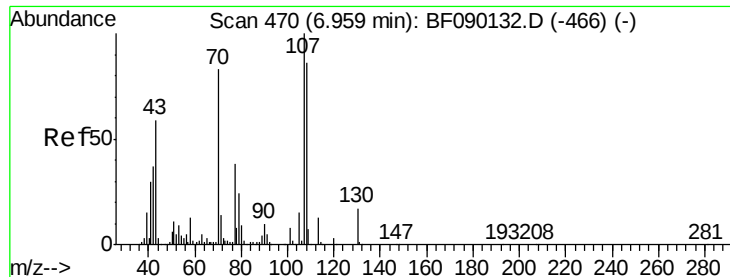
Tot Ion:107 Resp: 156342
Ion Ratio Lower Upper
107 100
108 113.9 92.0 138.0
77 45.1 35.6 53.4
79 44.6 35.2 52.8



#18
Hexachloroethane
Concen: 13.39 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion:117 Resp: 55834
Ion Ratio Lower Upper
117 100
119 101.9 76.6 115.0
201 123.9 55.5 83.3#

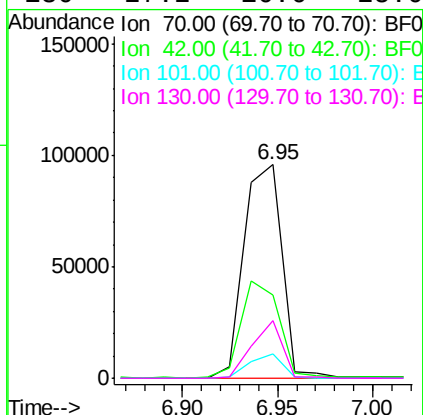




#19
n-Nitroso-di-n-propylamine
Concen: 19.31 ng/ml
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

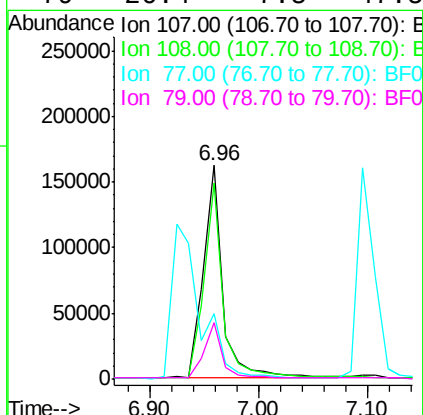
Instrument :
BNA_F
ClientSampleID :
SS-3MSD

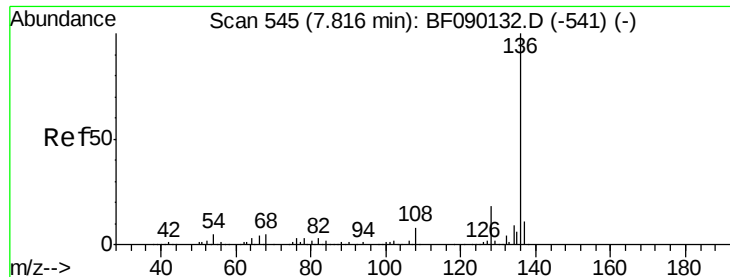
Tot Ion	Ratio	Lower	Upper
70	100		
42	39.1	35.1	52.7
101	11.2	7.5	11.3
130	27.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 19.28 ng/ml
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.3	113.3
77	30.8	14.1	54.1
79	26.4	7.5	47.5

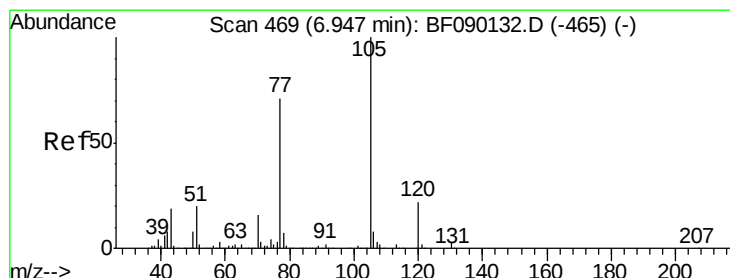
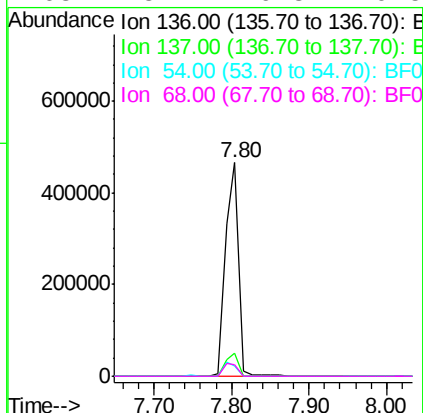
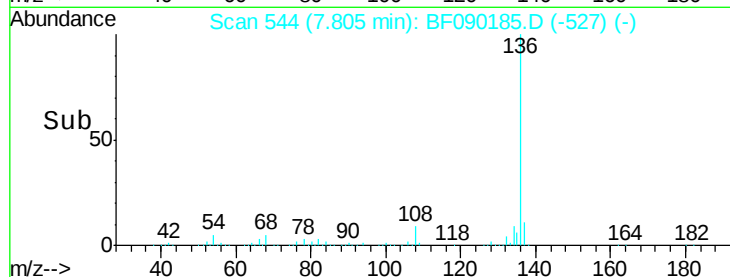
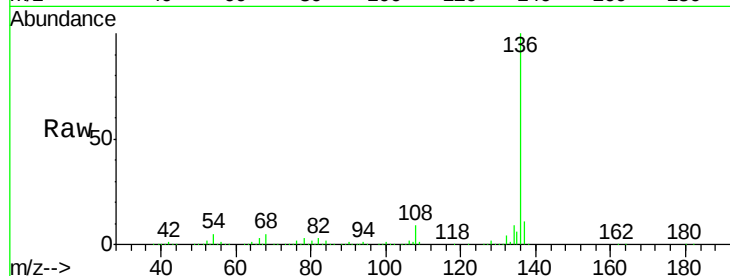




#21
Naphthalene-d8
Concen: 20.00 ng/mL
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

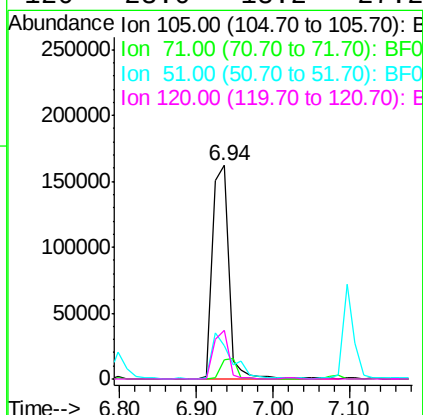
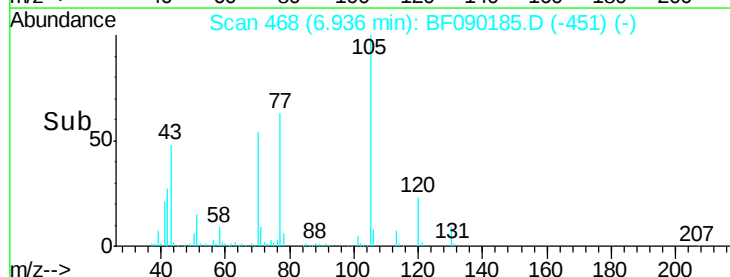
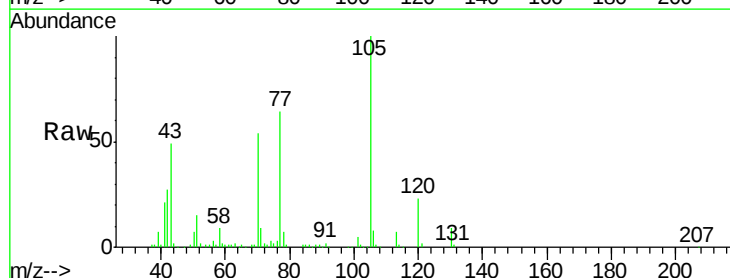
Instrument :
BNA_F
ClientSampleId :
SS-3MSD

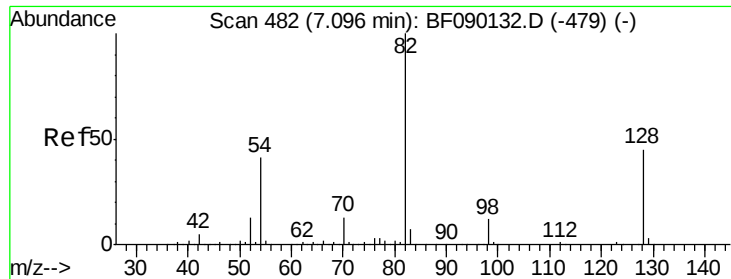
Tot Ion:136	Resp:	567187
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.4
54	4.8	6.4 9.6#
68	5.1	6.3 9.5#



#22
Acetophenone
Concen: 17.48 ng/mL
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion:105	Resp:	239055
Ion Ratio	Lower	Upper
105	100	
71	9.1	4.1 6.1#
51	15.4	16.2 24.2#
120	23.0	18.2 27.2#

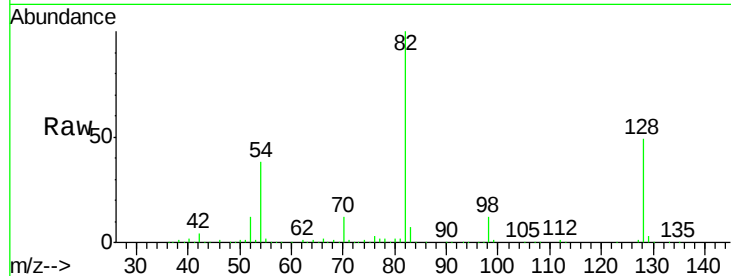




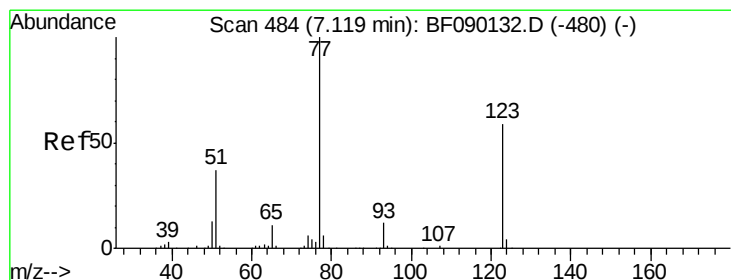
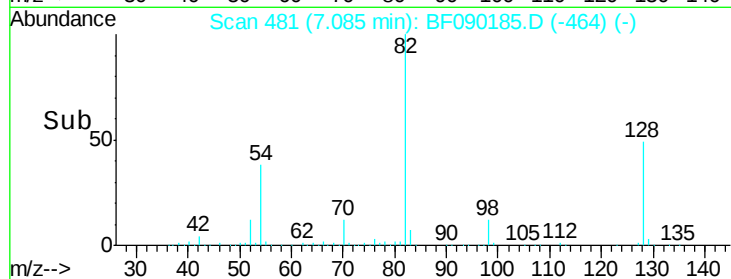
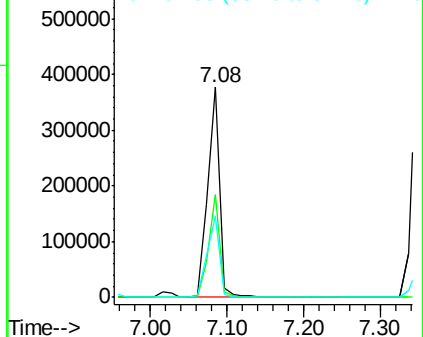
#23
Nitrobenzene-d5
Concen: 40.97 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SS-3MSD

Tot Ion: 82 Resp: 400818
Ion Ratio Lower Upper
82 100
128 49.1 37.5 56.3
54 38.4 31.9 47.9

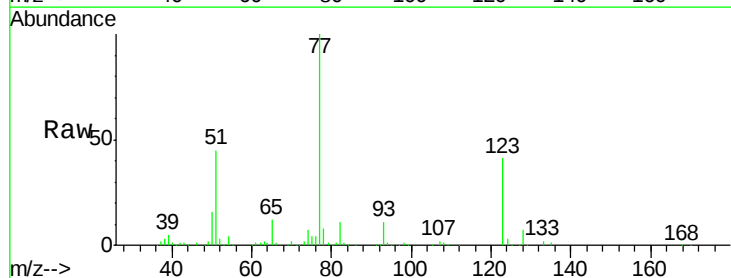


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

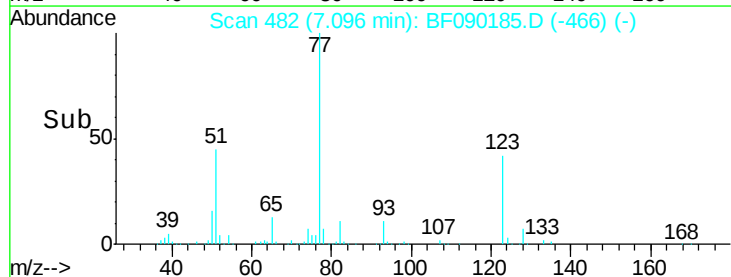
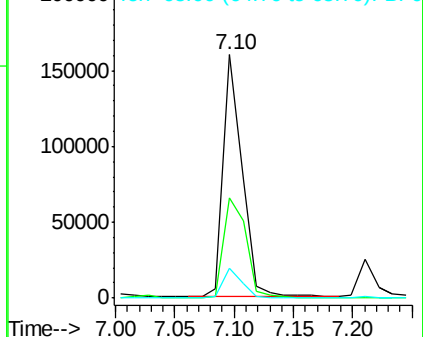


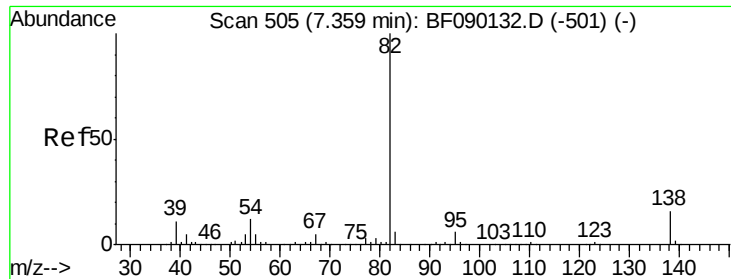
#24
Nitrobenzene
Concen: 17.09 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion: 77 Resp: 174278
Ion Ratio Lower Upper
77 100
123 41.2 33.4 50.2
65 12.3 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: 18.17 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

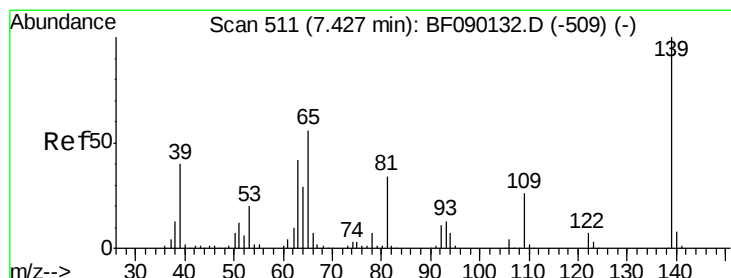
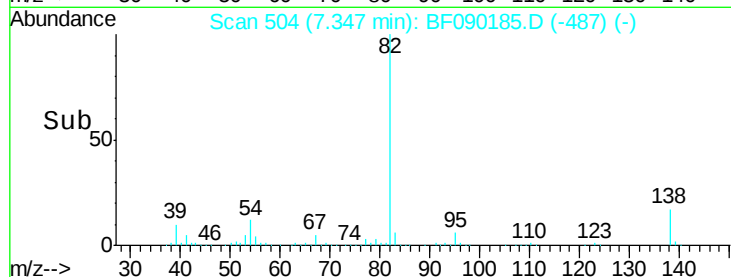
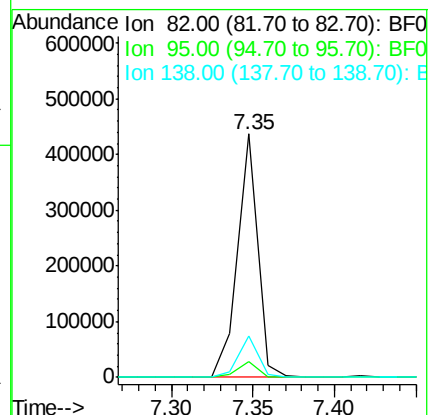
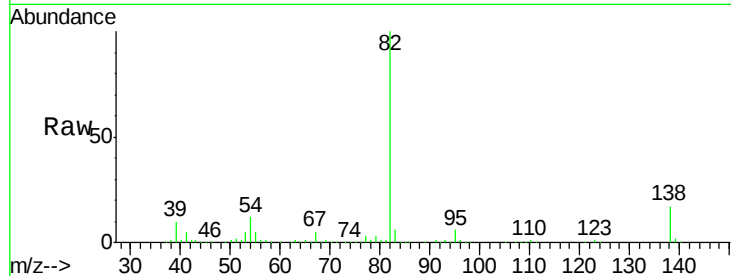
Tot Ion: 82 Resp: 371387

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 17.2 13.5 20.3



#26

2-Nitrophenol

Concen: 15.57 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

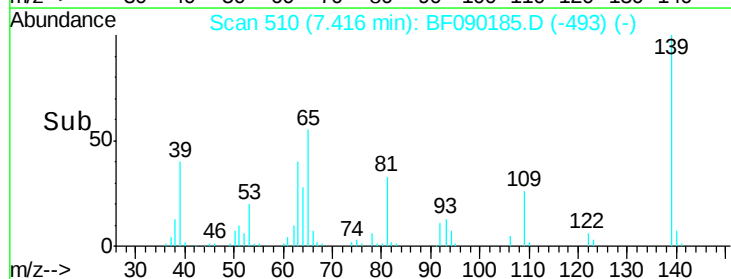
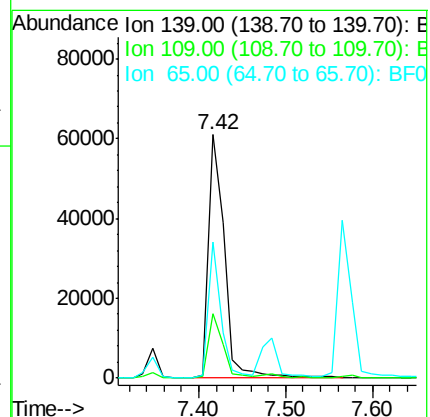
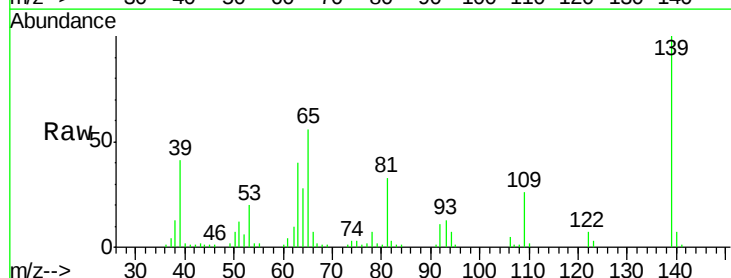
Tgt Ion: 139 Resp: 78185

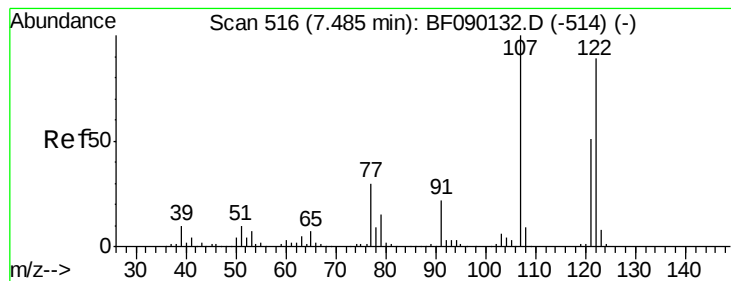
Ion Ratio Lower Upper

139 100

109 26.3 20.5 30.7

65 55.7 37.9 56.9

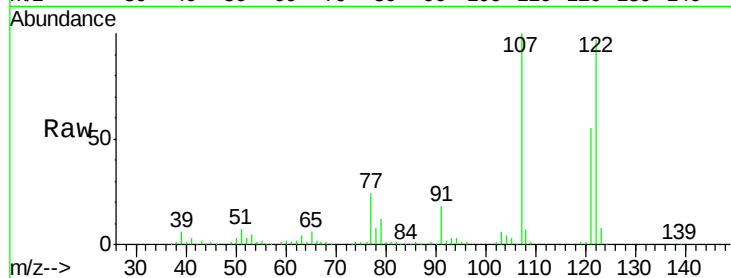




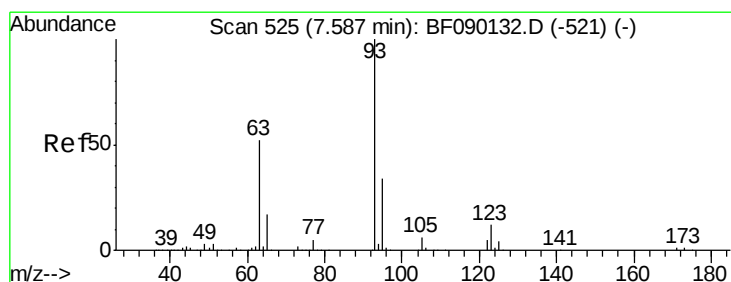
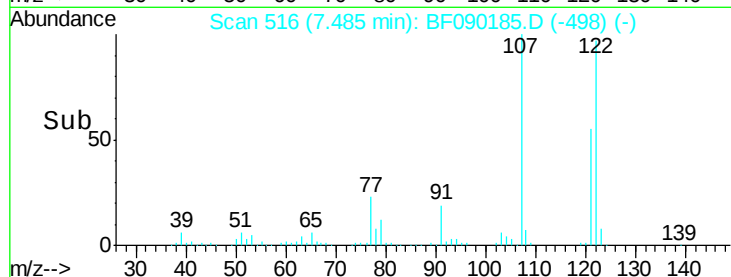
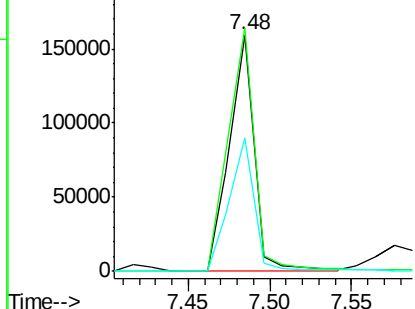
#27
 2,4-Dimethylphenol
 Concen: 18.96 ng
 RT: 7.48 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

Tot Ion:122 Resp: 169140
 Ion Ratio Lower Upper
 122 100
 107 103.0 87.8 131.6
 121 56.5 45.7 68.5

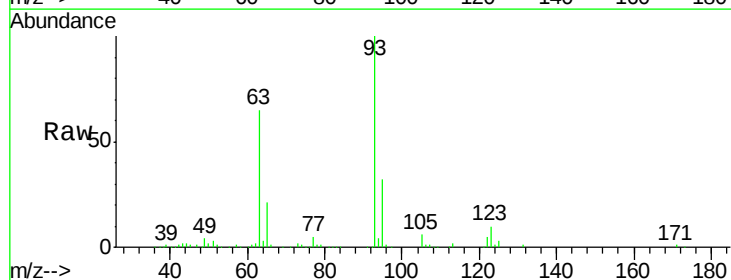


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

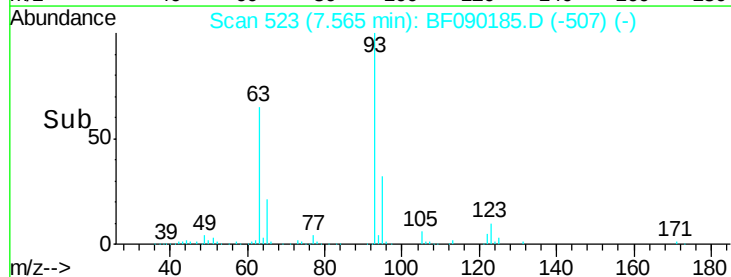
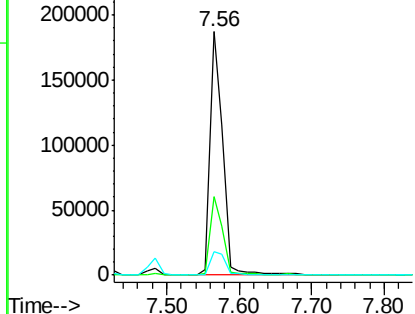


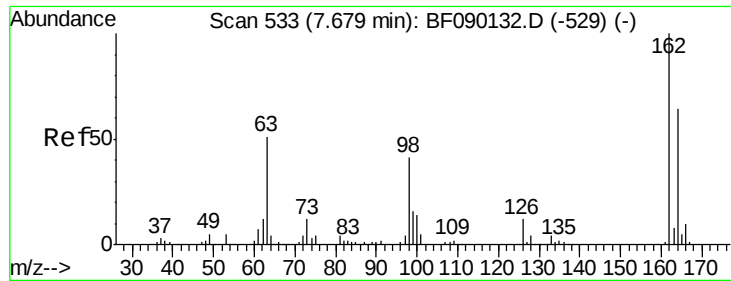
#28
 bis(2-Chloroethoxy)methane
 Concen: 18.32 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion: 93 Resp: 226593
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.8 40.2
 123 9.7 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

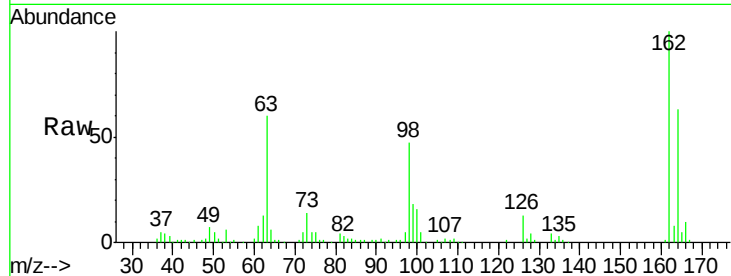




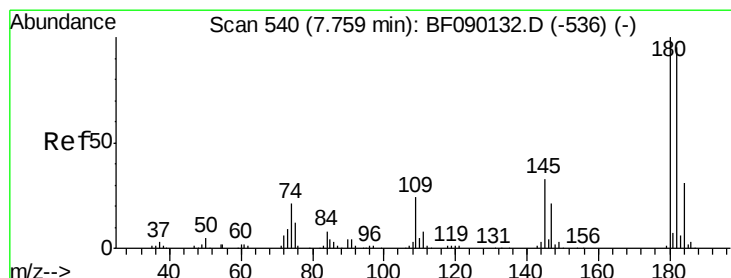
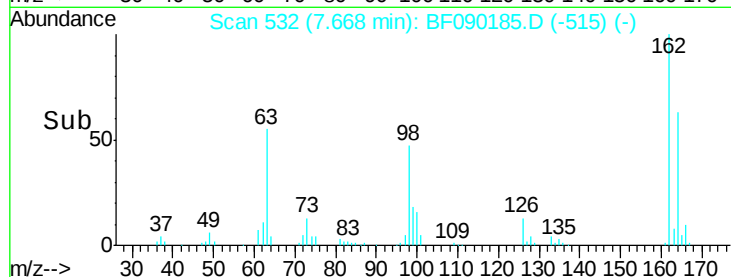
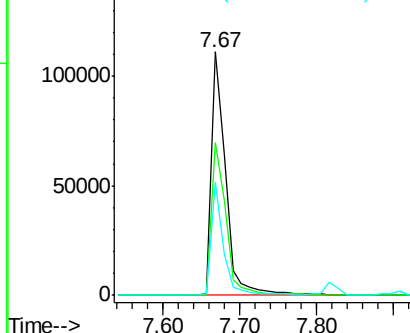
#29
 2,4-Dichlorophenol
 Concen: 18.14 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Instrument :
 BNA_F
 ClientSampled :
 SS-3MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	46.2	86.2
98	46.7	10.4	50.4

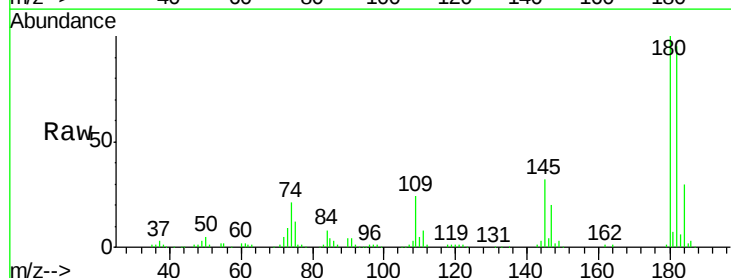


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

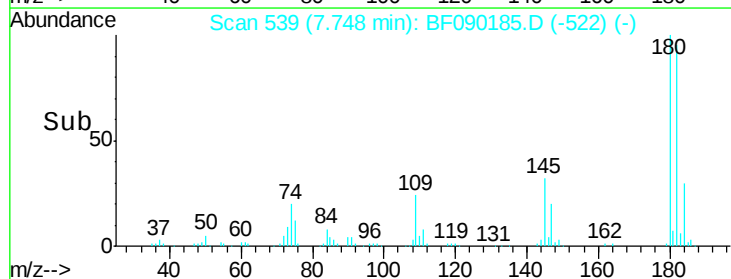
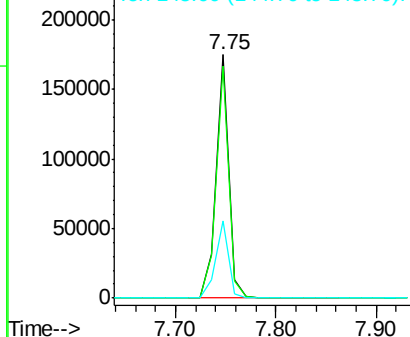


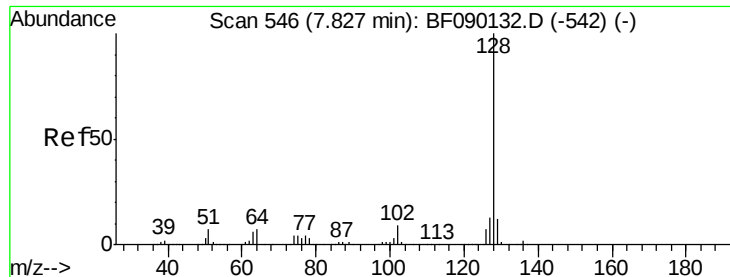
#30
 1,2,4-Trichlorobenzene
 Concen: 19.68 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	31.9	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: 18.51 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampled :

SS-3MSD

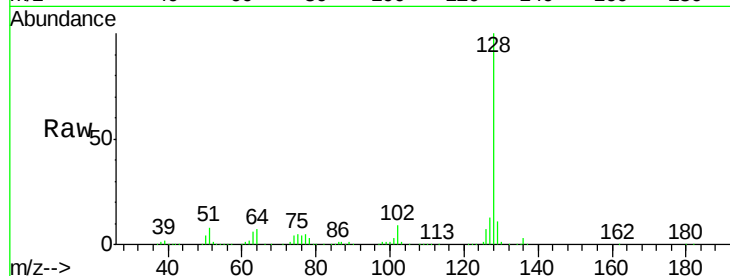
Tot Ion:128 Resp: 499993

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

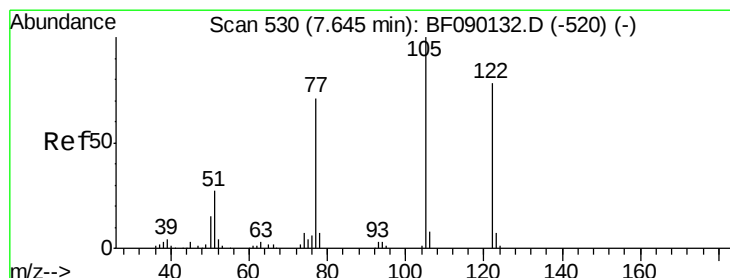
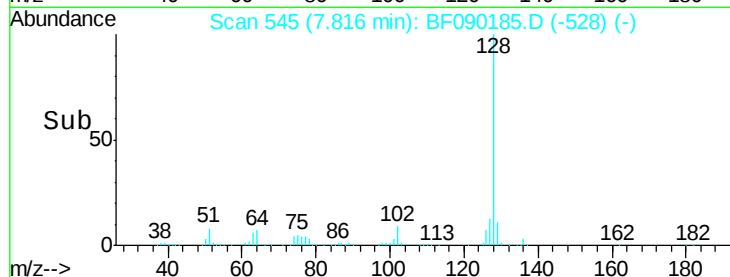
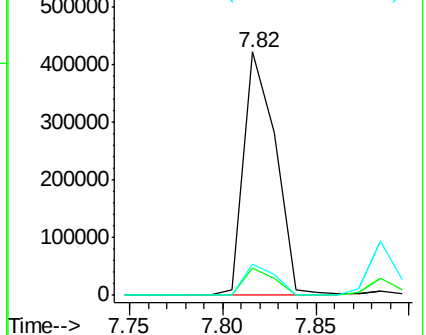
127 13.0 10.8 16.2



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: 6.76 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.07 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

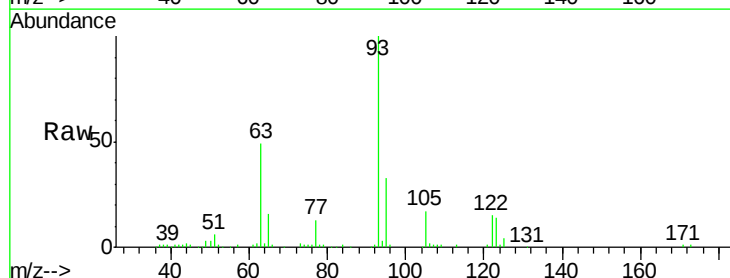
Tgt Ion:122 Resp: 41369

Ion Ratio Lower Upper

122 100

105 113.8 105.0 145.0

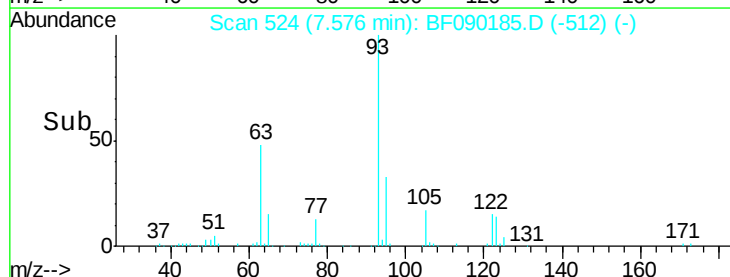
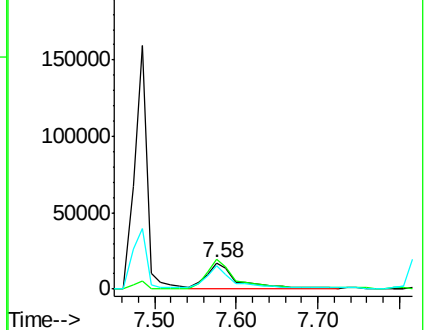
77 87.4 70.4 110.4

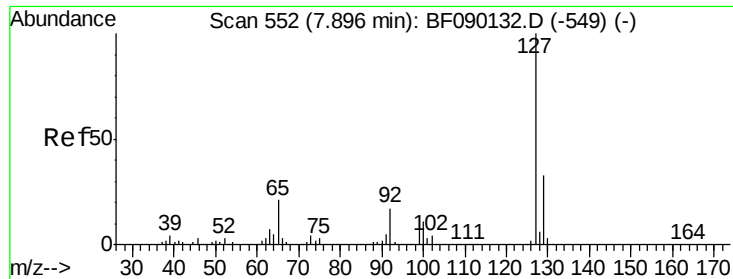


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

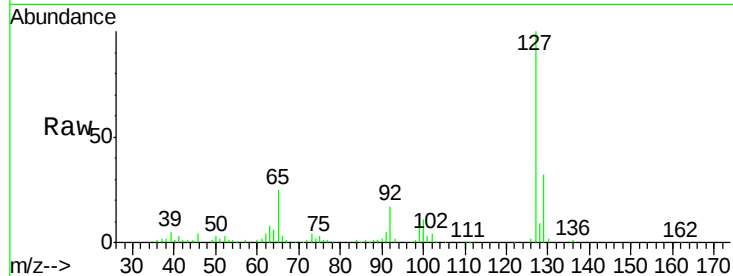




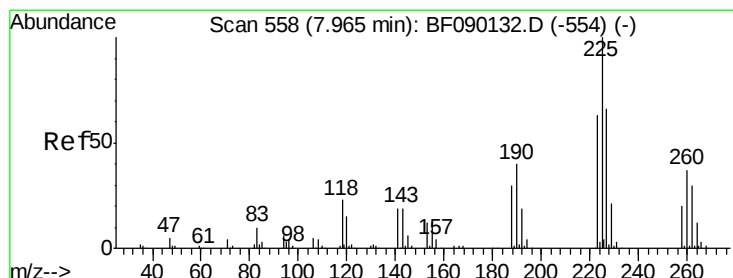
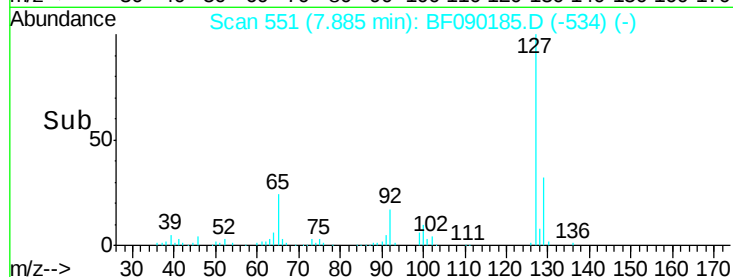
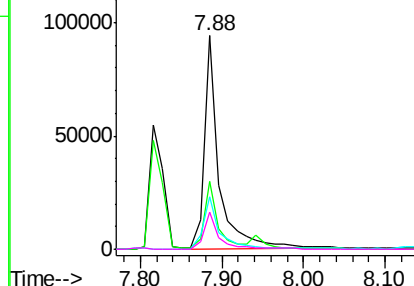
#33
4-Chloroaniline
Concen: 10.58 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SS-3MSD

Tot Ion:	127	Resp:	118494
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	24.8	24.1	36.1
92	17.2	16.3	24.5

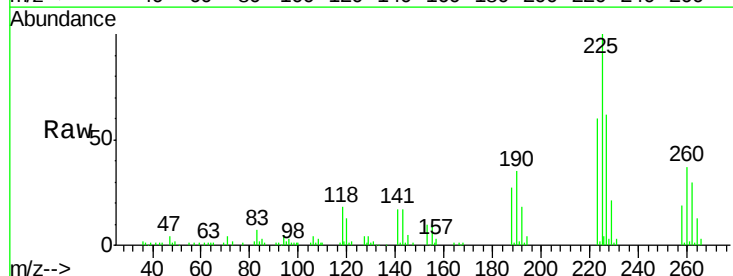


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

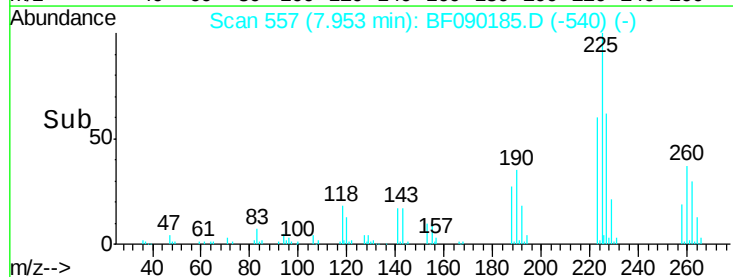
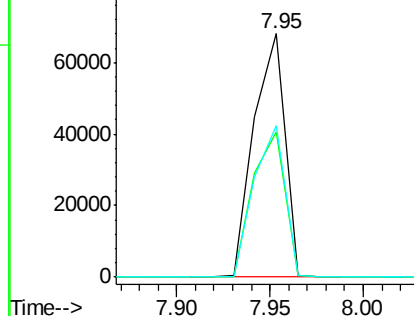


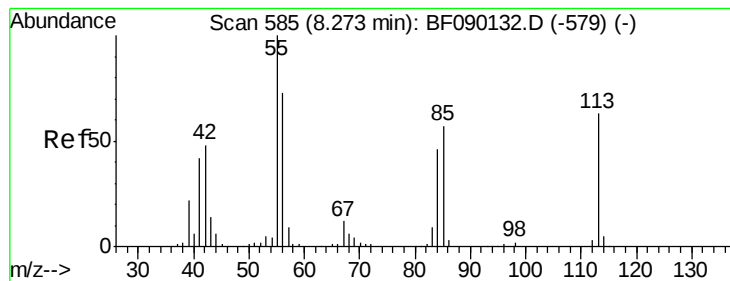
#34
Hexachlorobutadiene
Concen: 18.92 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion:	225	Resp:	77976
Ion	Ratio	Lower	Upper
225	100		
223	59.7	51.3	76.9
227	62.1	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: 15.99 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

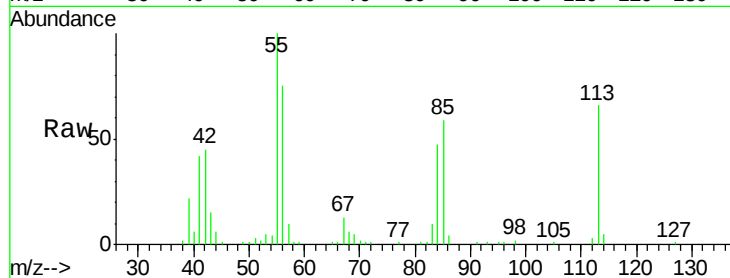
Tot Ion:113 Resp: 41393

Ion Ratio Lower Upper

113 100

55 152.6 134.5 174.5

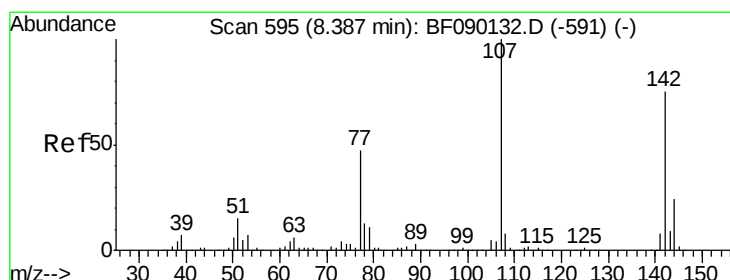
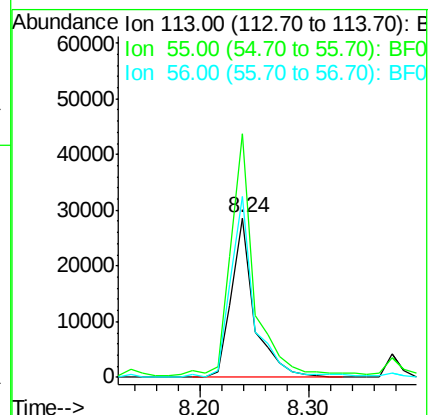
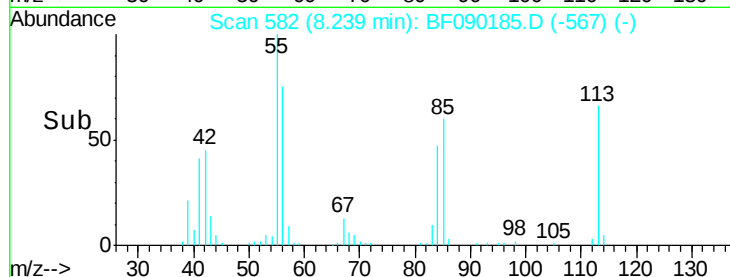
56 113.7 93.7 133.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 17.12 ng

RT: 8.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

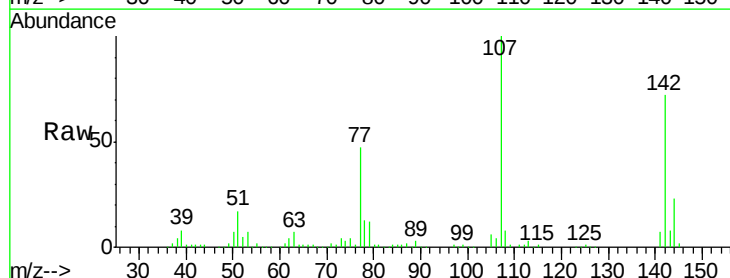
Tgt Ion:107 Resp: 151368

Ion Ratio Lower Upper

107 100

144 22.5 18.6 27.8

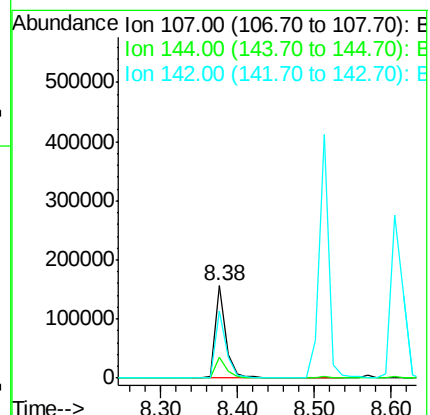
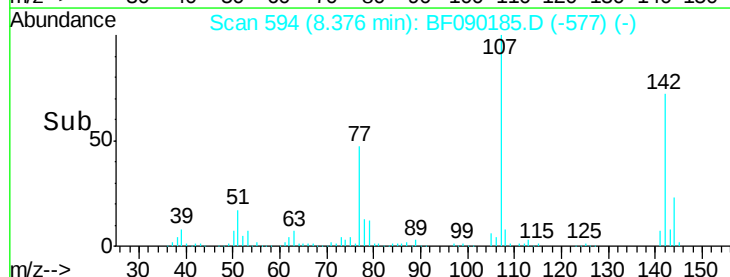
142 72.3 57.0 85.6

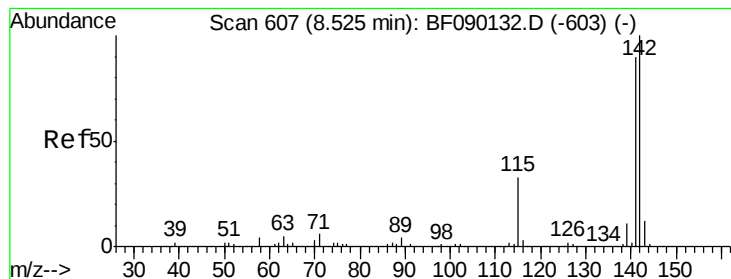


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

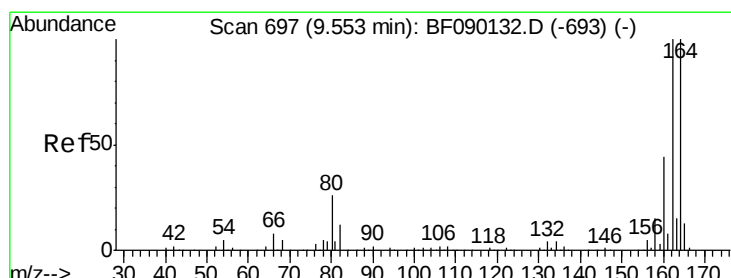
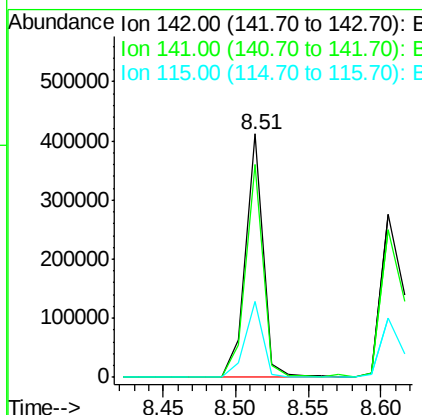
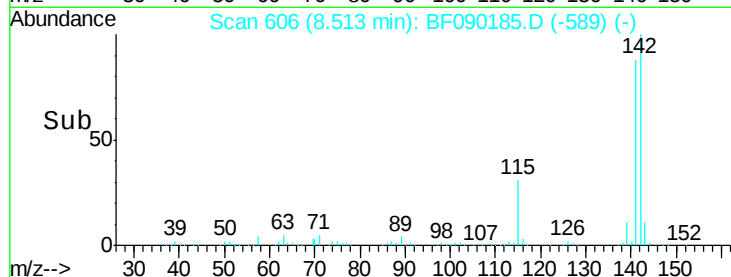
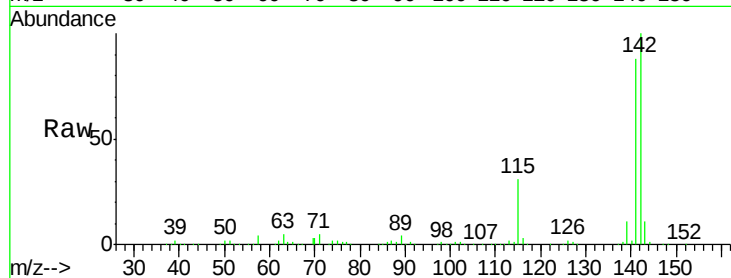




#37
 2-Methylnaphthalene
 Concen: 20.66 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

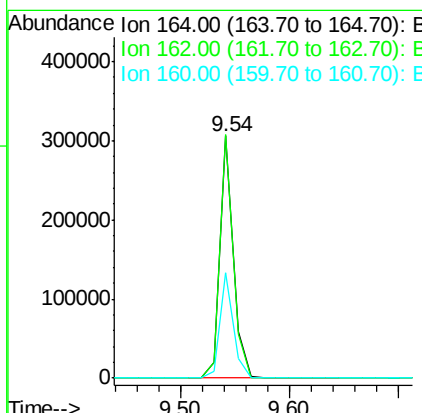
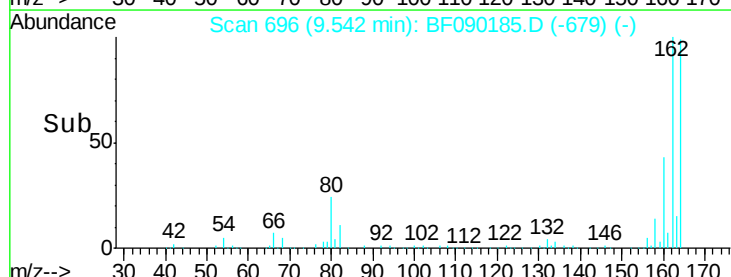
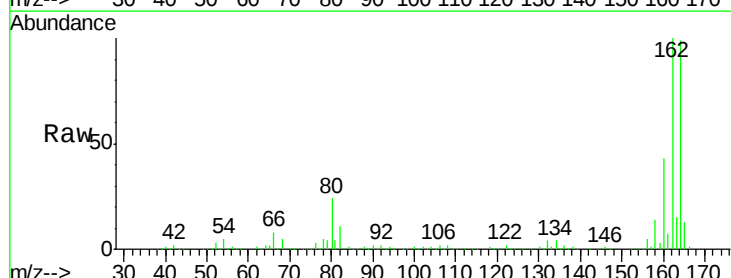
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

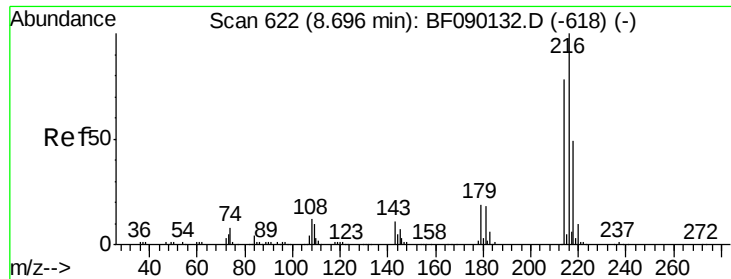
Tot Ion:142 Resp: 346986
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.4 107.2
 115 31.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion:164 Resp: 266524
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.4 122.2
 160 43.3 36.6 54.8

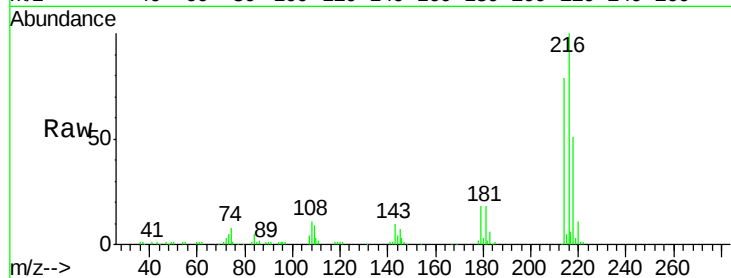




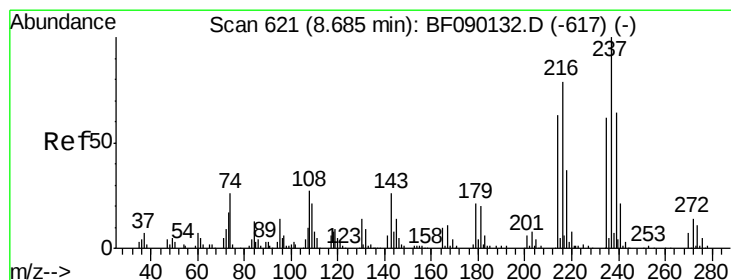
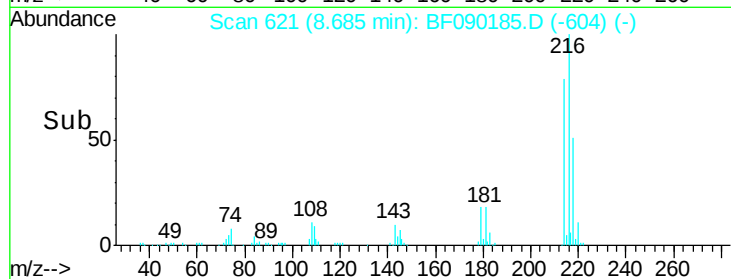
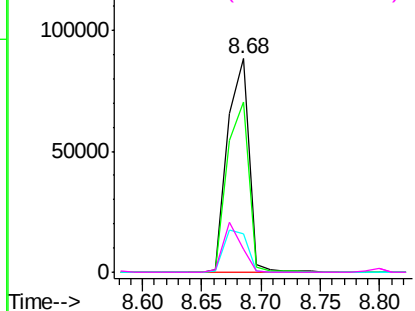
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 17.99 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Instrument :
 BNA_F
 ClientSampled :
 SS-3MSD

Tot Ion:	216	Resp:	110028
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.7	95.5
179	21.5	18.5	27.7
108	19.6	19.5	29.3

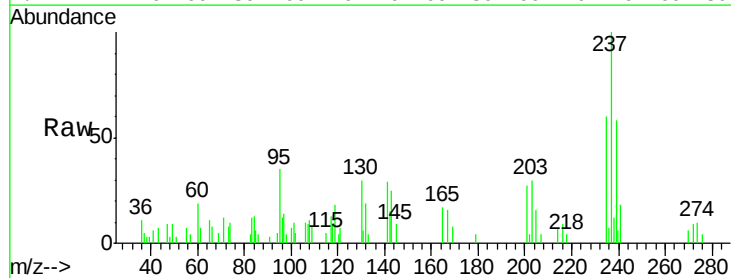


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

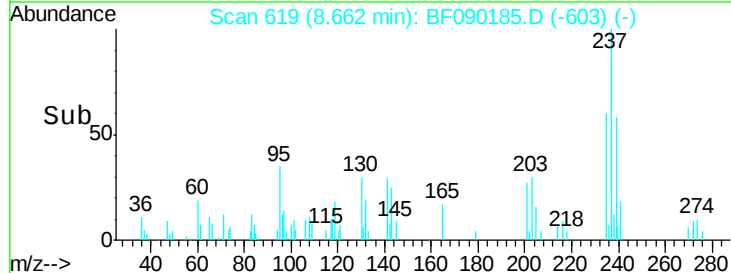
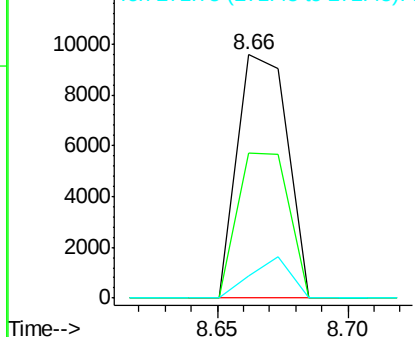


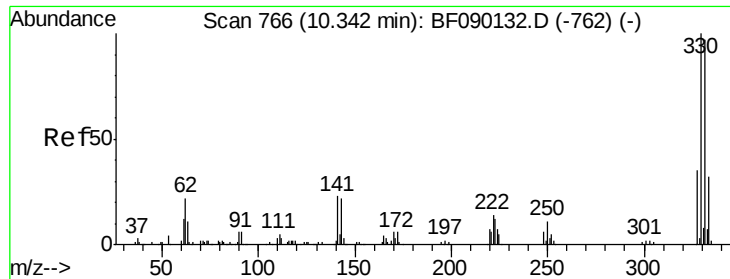
#40
 Hexachlorocyclopentadiene
 Concen: 4.23 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion:	237	Resp:	12772
Ion	Ratio	Lower	Upper
237	100		
235	59.7	42.5	82.5
272	9.3	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

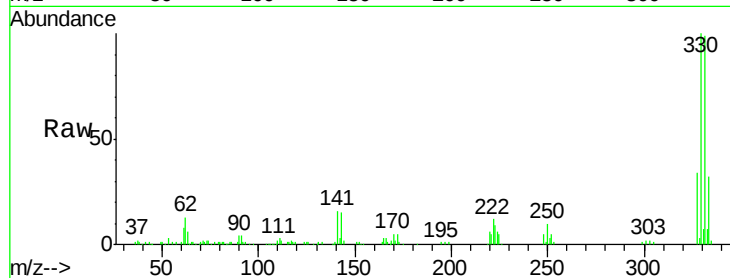




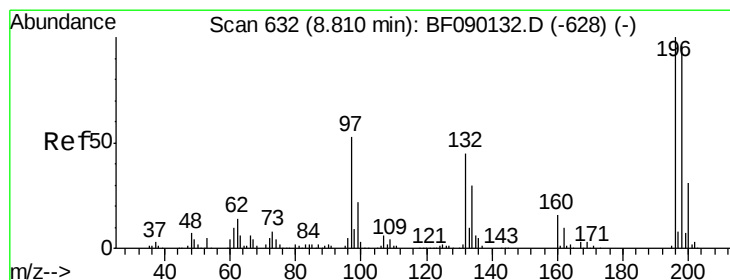
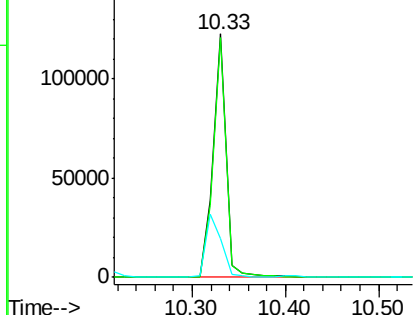
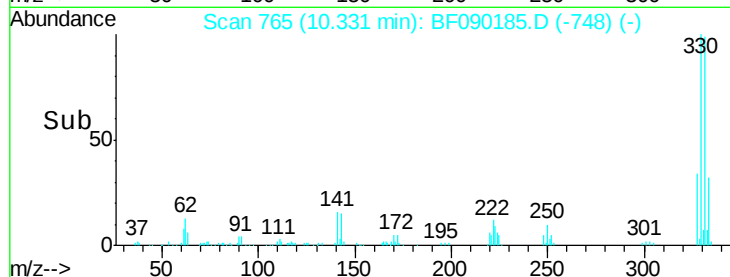
#41
 2,4,6-Tribromophenol
 Concen: 52.34 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.1	117.1
141	31.8	23.9	35.9

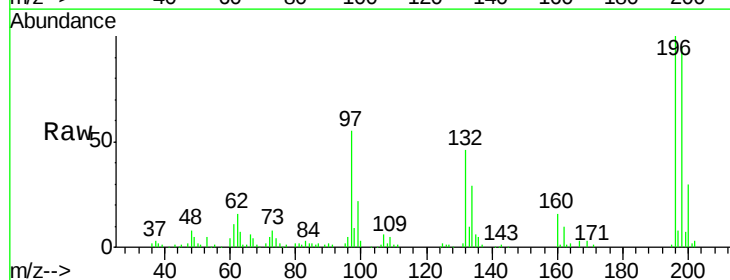


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

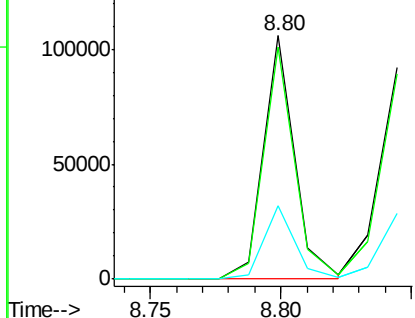
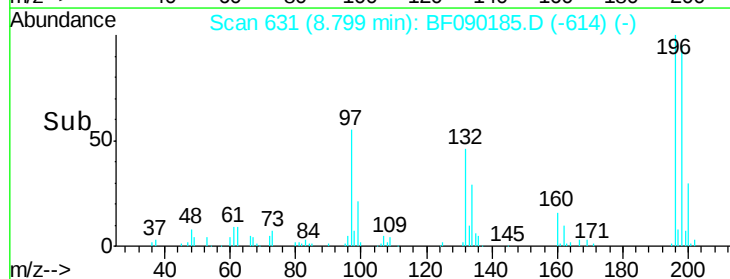


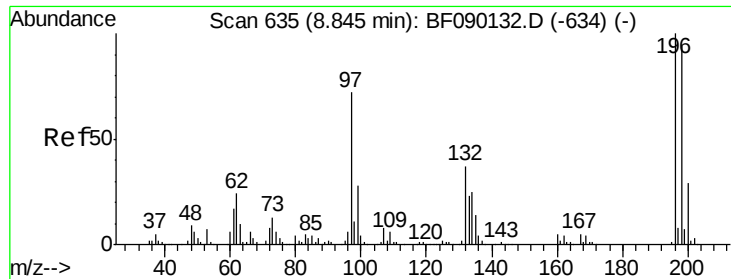
#42
 2,4,6-Trichlorophenol
 Concen: 20.37 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.3	114.5
200	30.2	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

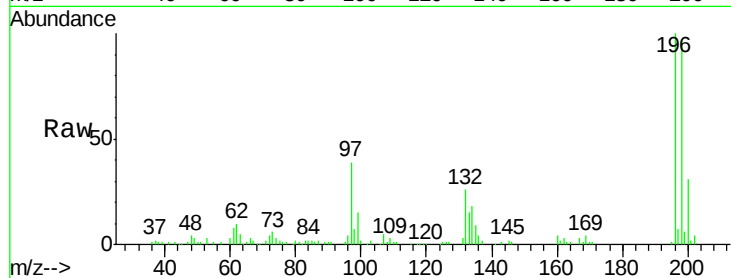




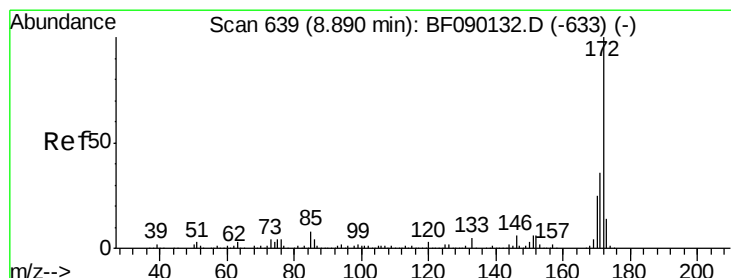
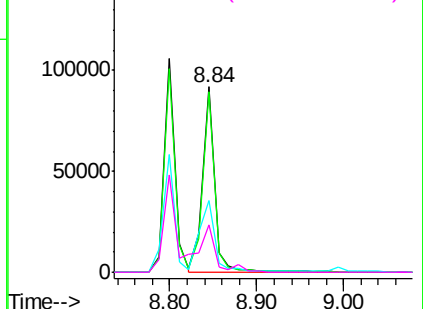
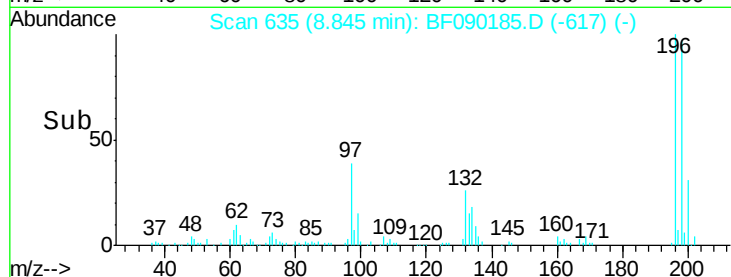
#43
 2,4,5-Trichlorophenol
 Concen: 19.83 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.6	114.8
97	38.7	34.4	51.6
132	25.8	22.2	33.2

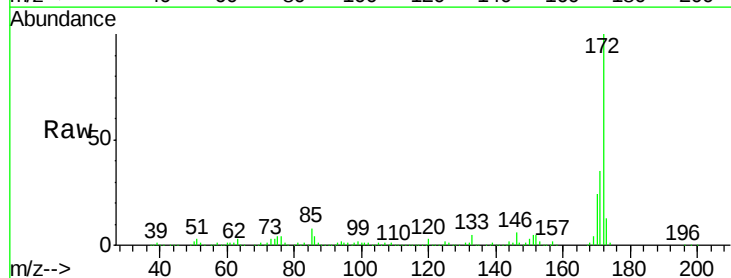


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

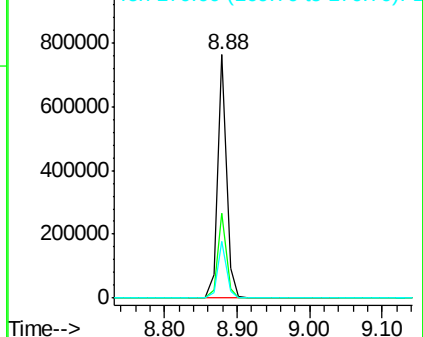
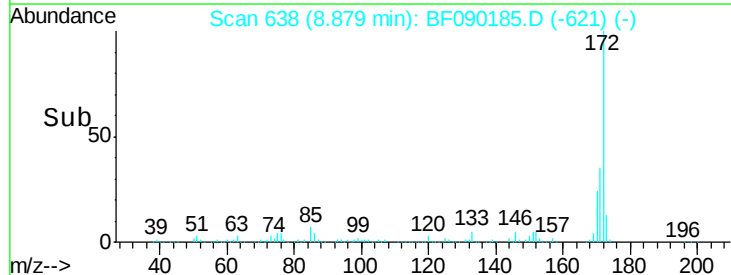


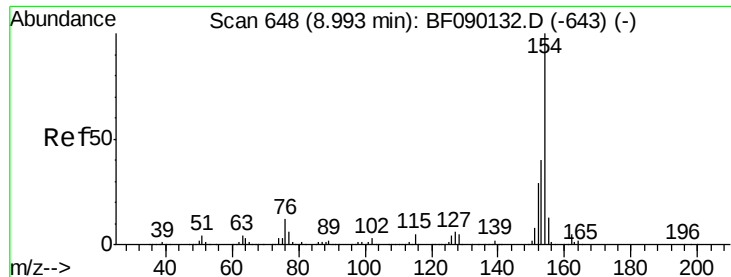
#44
 2-Fluorobiphenyl
 Concen: 47.73 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.2	43.8
170	23.5	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

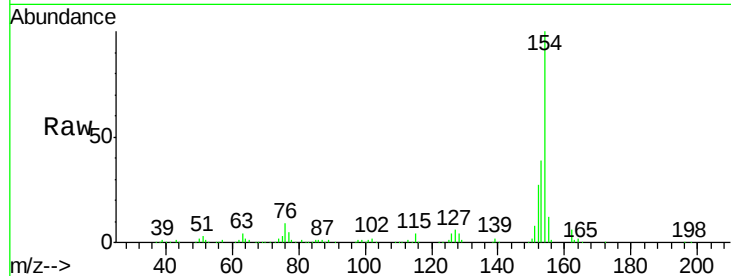




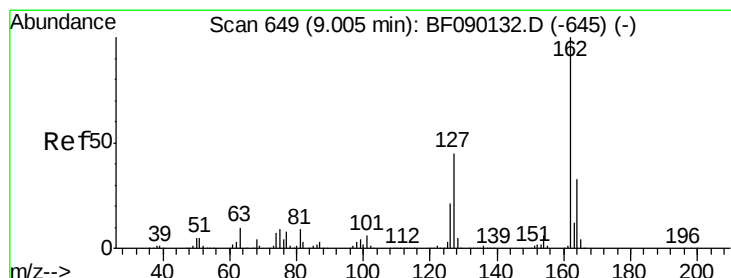
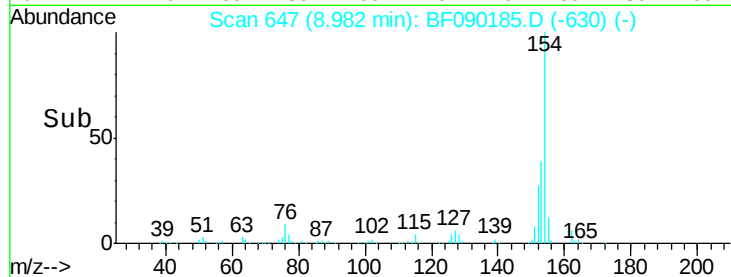
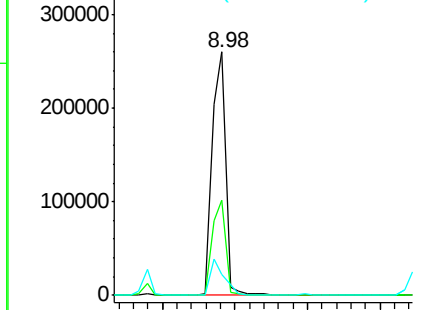
#45
 1,1'-Biphenyl
 Concen: 17.64 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.6	60.6
76	8.6	0.0	36.7

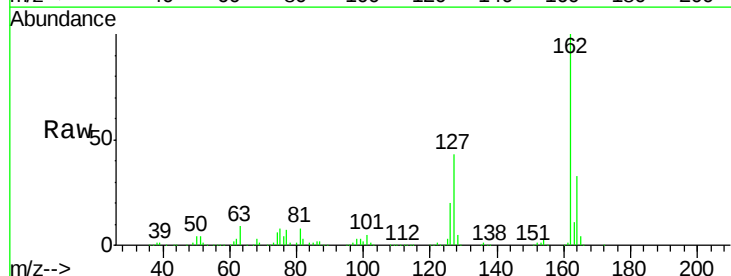


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

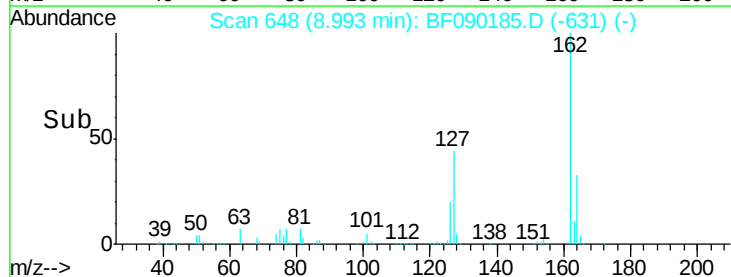
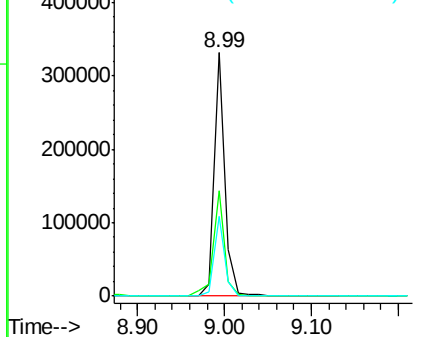


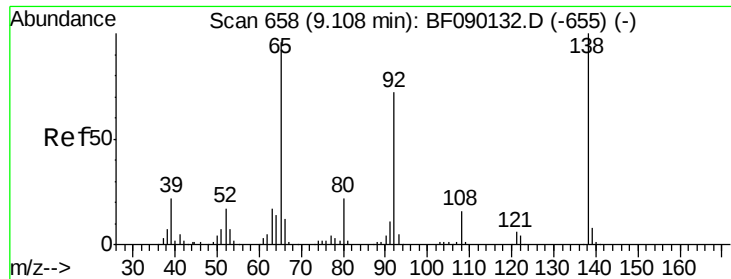
#46
 2-Chloronaphthalene
 Concen: 20.69 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	34.0	51.0
164	32.9	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

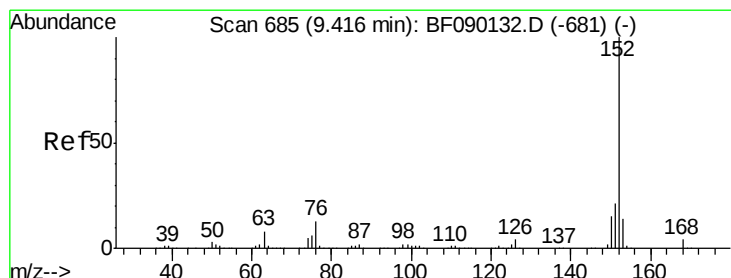
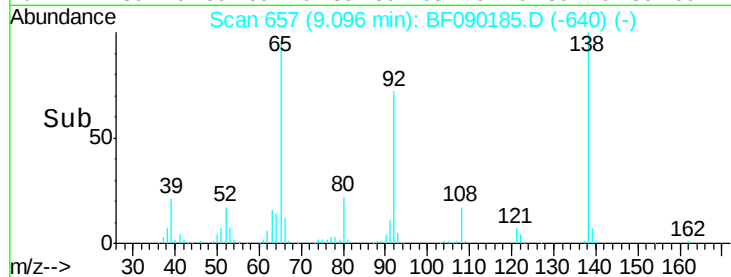
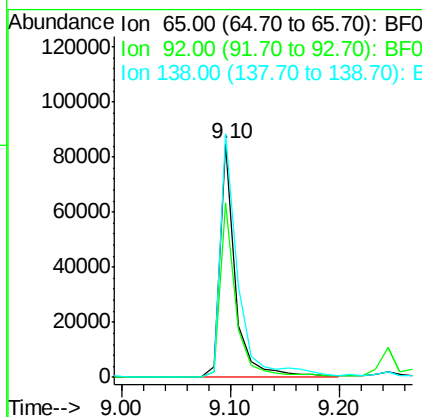
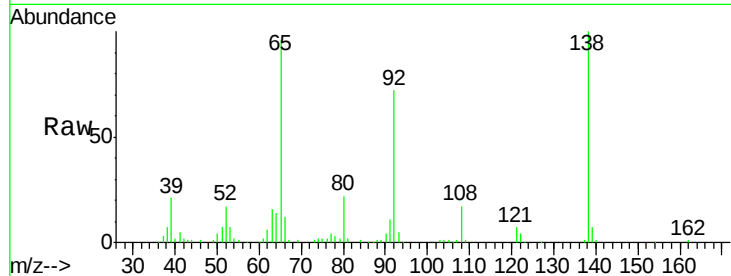




#47
 2-Nitroaniline
 Concen: 20.03 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

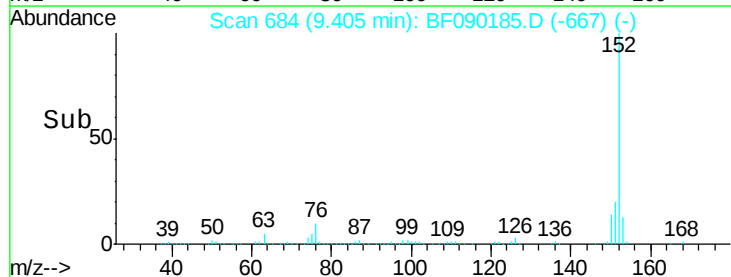
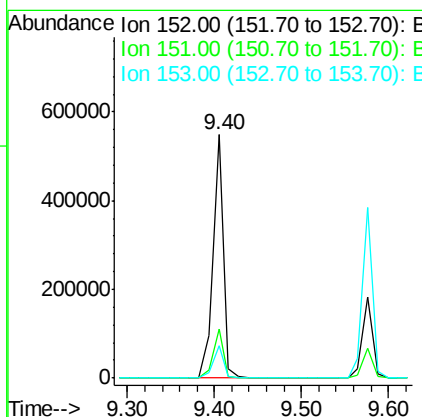
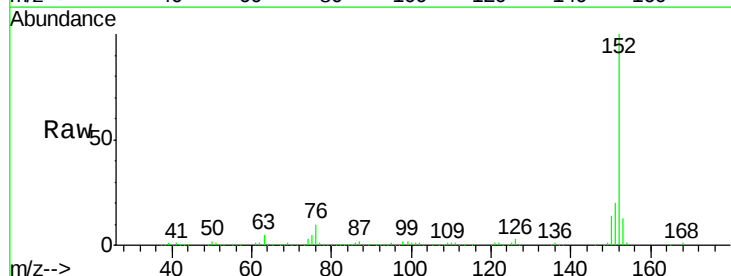
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

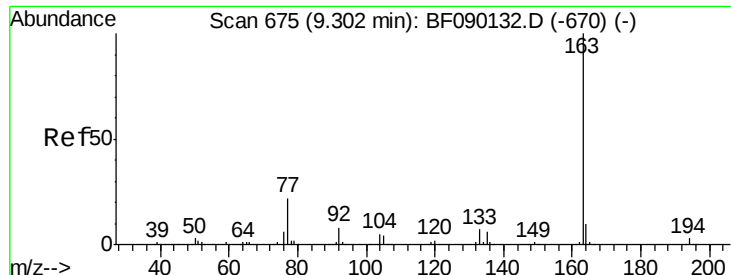
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.9	66.1	99.1
138	104.2	104.1	156.1



#48
 Acenaphthylene
 Concen: 20.40 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.5	24.7
153	13.2	10.6	15.8

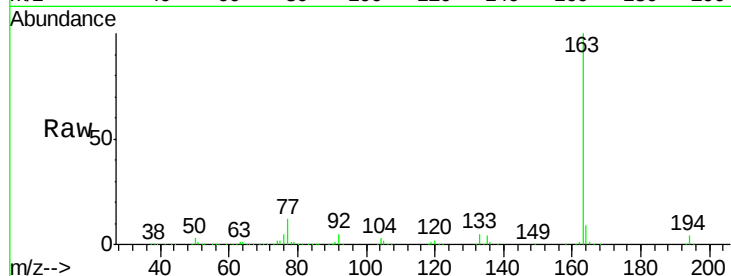




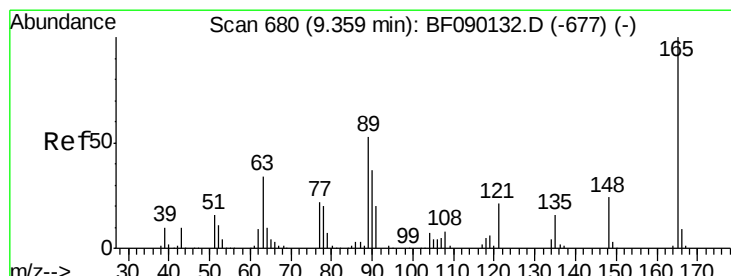
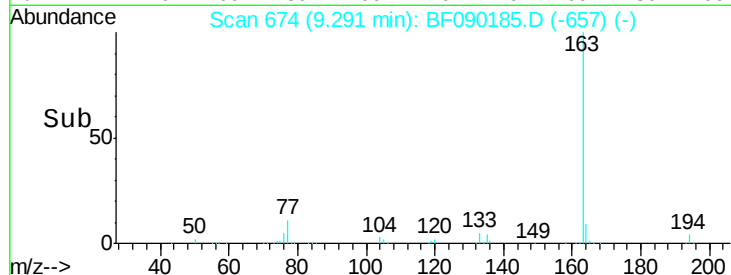
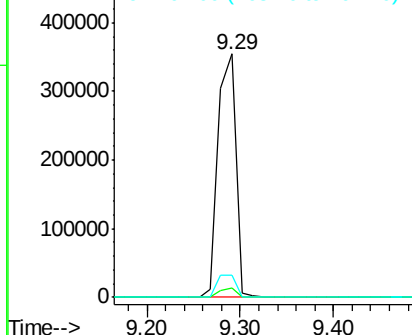
#49
Dimethylphthalate
Concen: 27.54 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SS-3MSD

Tot Ion:163 Resp: 467435
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.3 8.1 12.1

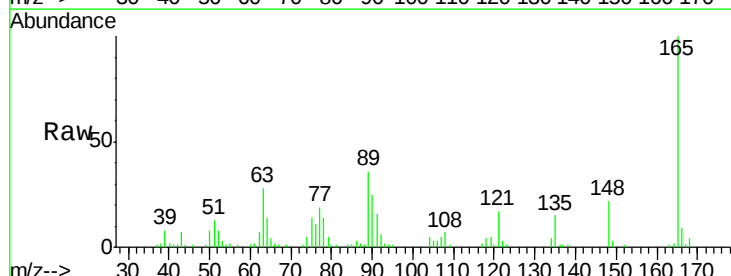


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

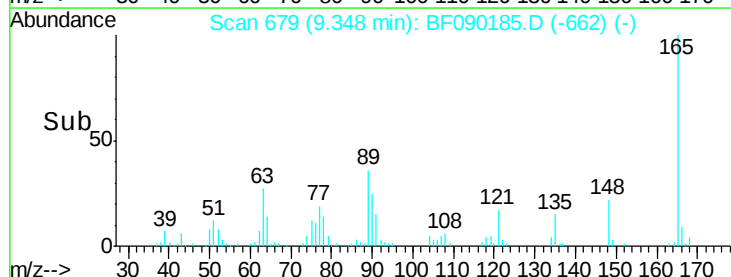
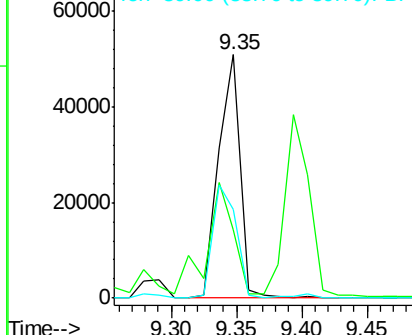


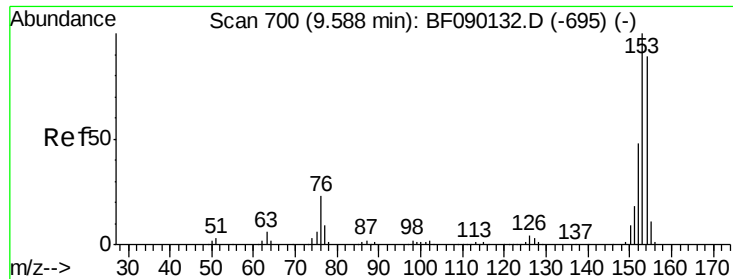
#50
2,6-Dinitrotoluene
Concen: 15.58 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion:165 Resp: 58958
Ion Ratio Lower Upper
165 100
63 28.2 49.9 74.9#
89 36.5 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: 20.22 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

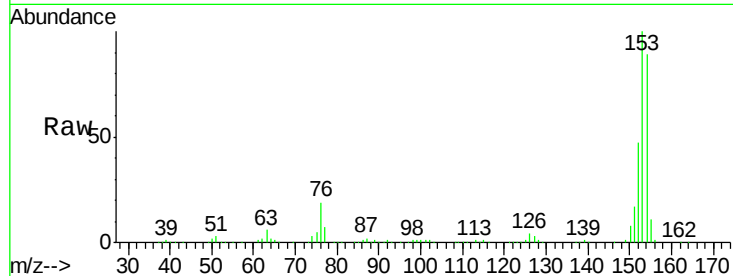
Tot Ion:154 Resp: 274146

Ion Ratio Lower Upper

154 100

153 112.4 90.8 136.2

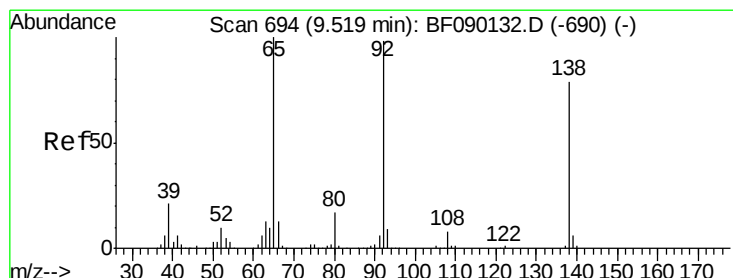
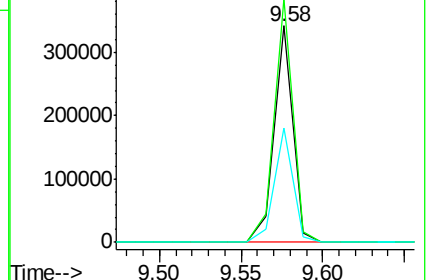
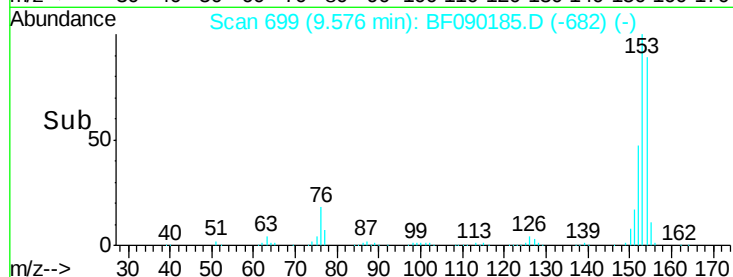
152 53.1 44.2 66.4



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: 16.04 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

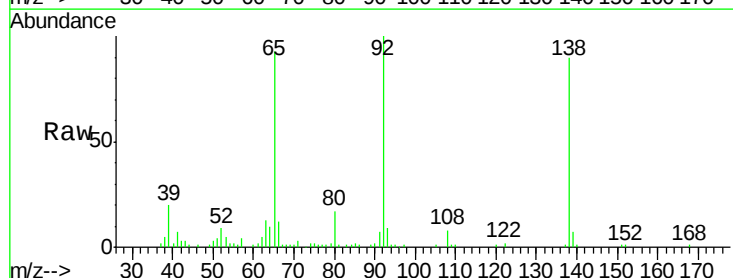
Tgt Ion:138 Resp: 71171

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.6

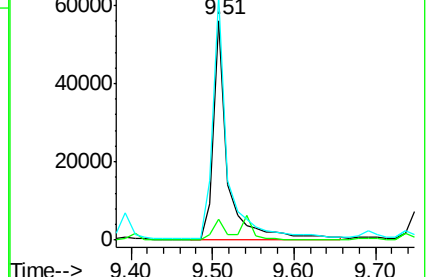
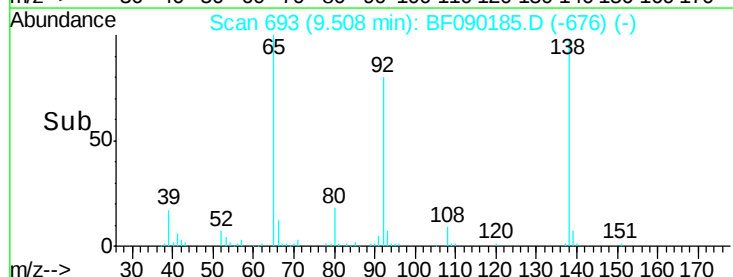
92 111.0 90.7 136.1

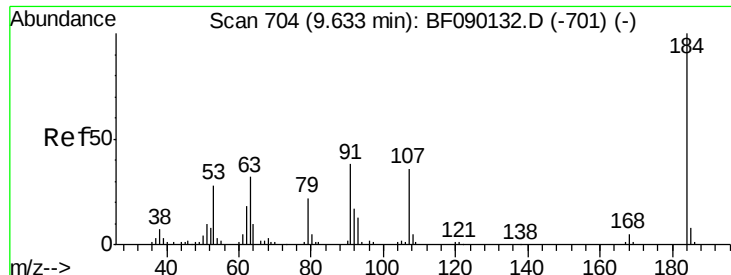


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

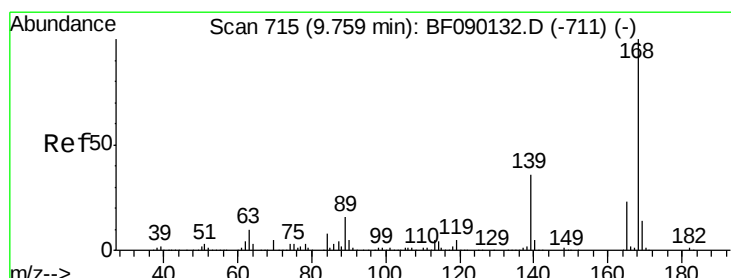
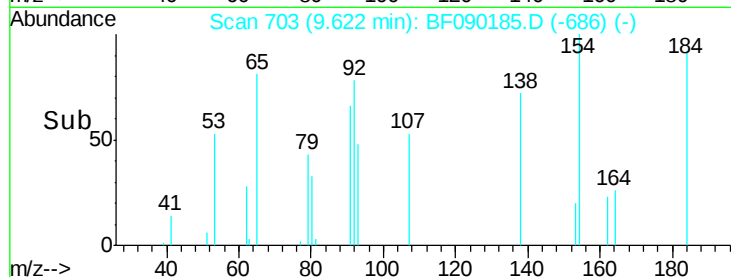
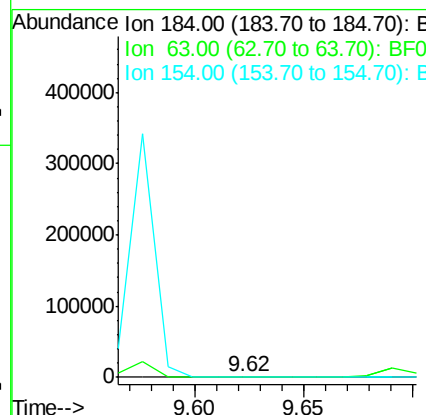
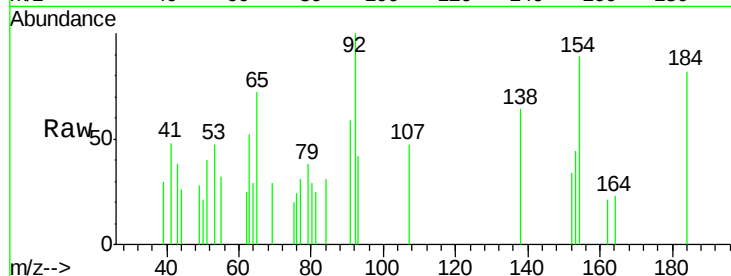




#53
 2,4-Dinitrophenol
 Concen: 3.88 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

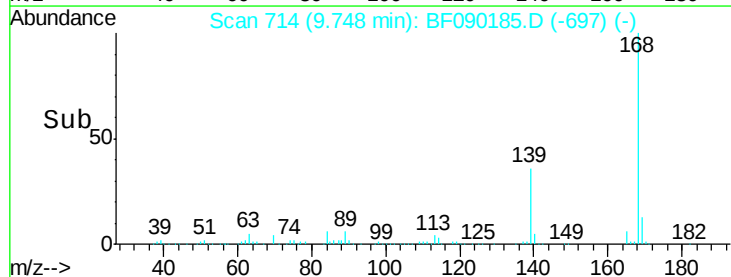
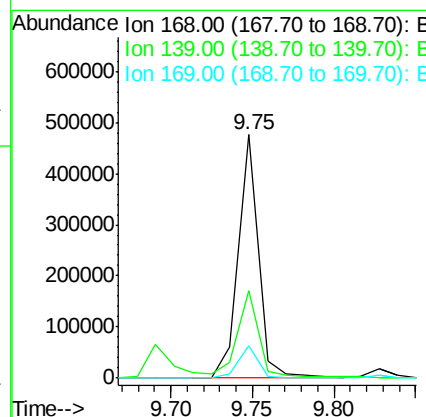
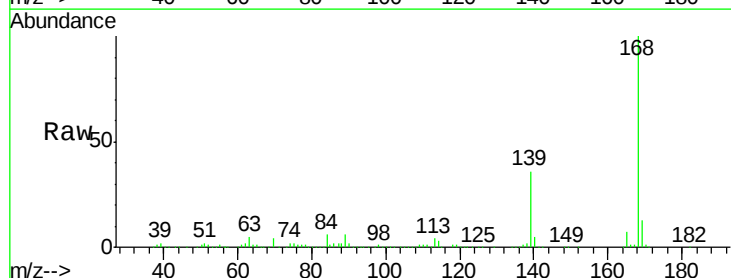
Instrument :
 BNA_F
 ClientSampled :
 SS-3MSD

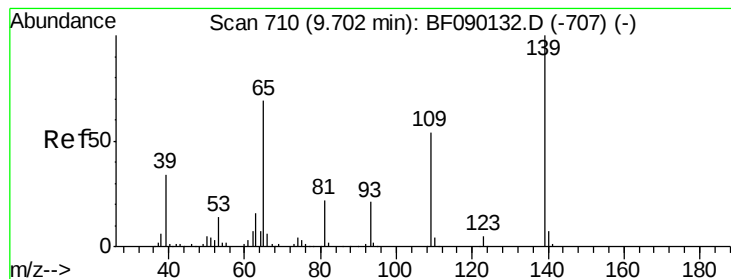
Tot Ion:184 Resp: 1608
 Ion Ratio Lower Upper
 184 100
 63 63.5 44.6 67.0
 154 108.3 49.7 74.5#



#54
 Dibenzofuran
 Concen: 22.70 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion:168 Resp: 405010
 Ion Ratio Lower Upper
 168 100
 139 35.8 28.8 43.2
 169 13.2 10.7 16.1





#55

4-Nitrophenol

Concen: 25.33 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

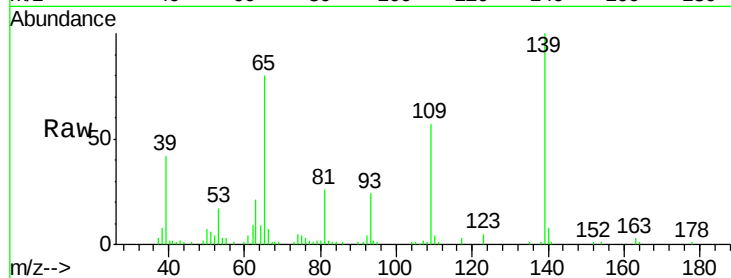
Tot Ion:139 Resp: 76983

Ion Ratio Lower Upper

139 100

109 57.0 35.6 75.6

65 79.5 55.5 95.5

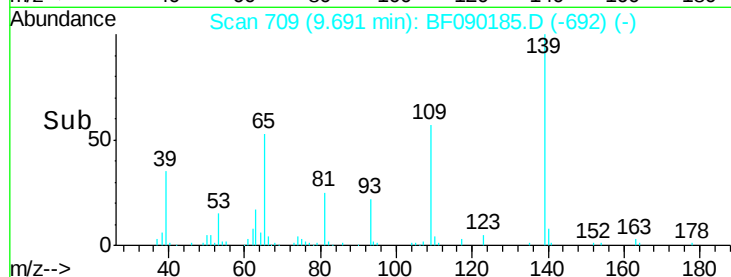


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



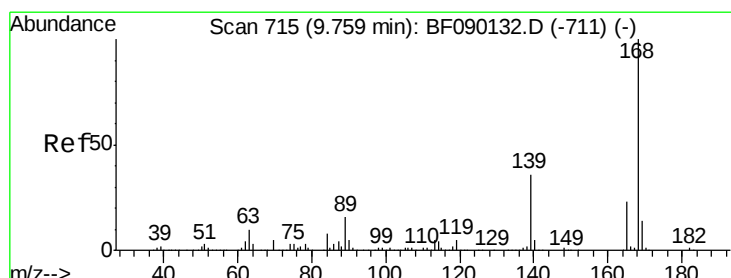
Abundance

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): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 15.45 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Tgt Ion:165 Resp: 69109

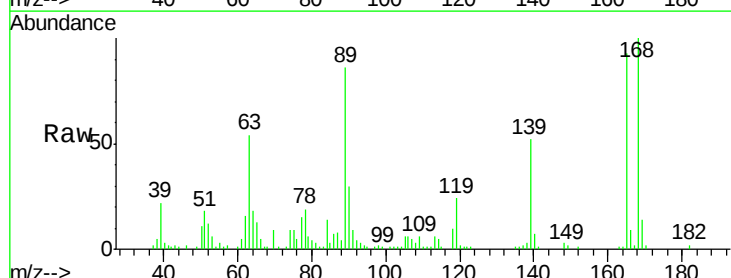
Ion Ratio Lower Upper

165 100

63 58.3 44.4 66.6

89 92.8 70.1 105.1

182 2.0 1.7 2.5



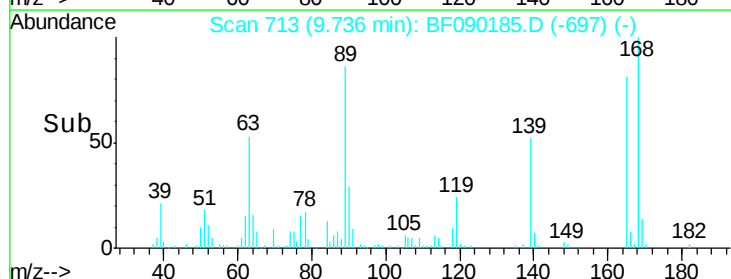
Abundance Ion 165.00 (164.70 to 165.70): E

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

Time-->



Abundance

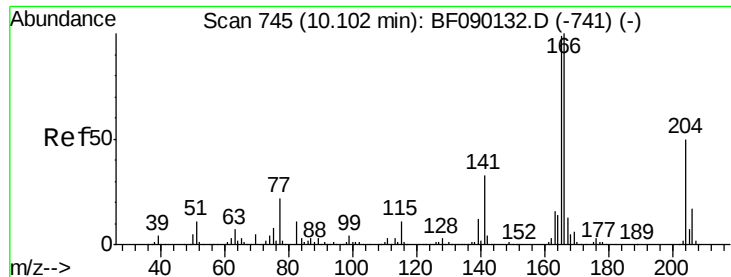
Ion 165.00 (164.70 to 165.70): E

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

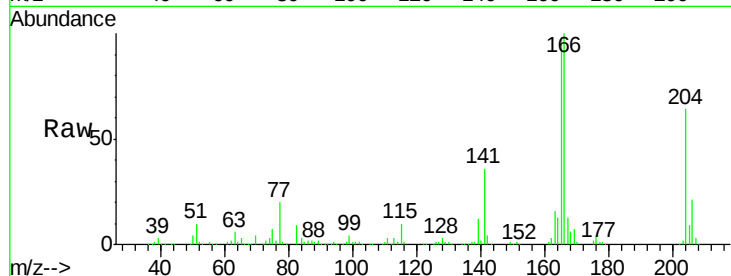
Time-->



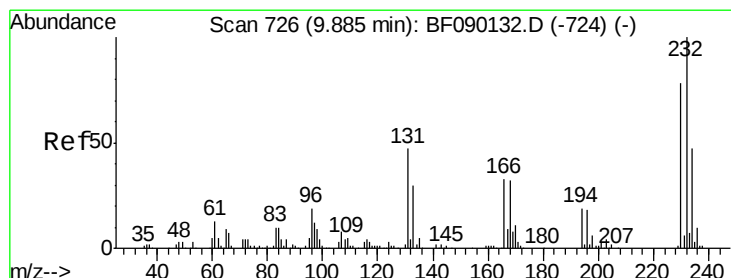
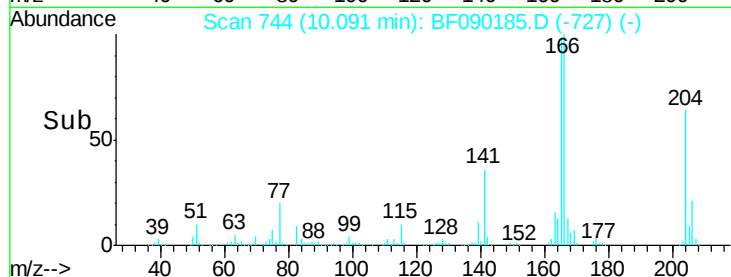
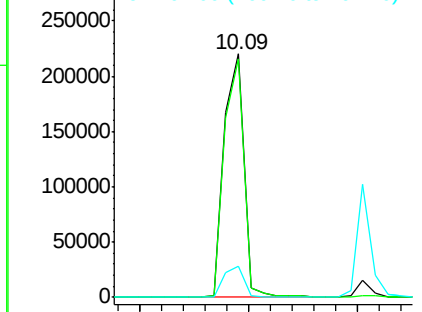
#57
 Fluorene
 Concen: 20.77 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Instrument :
 BNA_F
 ClientSampled :
 SS-3MSD

Tot Ion:166 Resp: 279351
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.5 117.7
 167 12.7 11.2 16.8



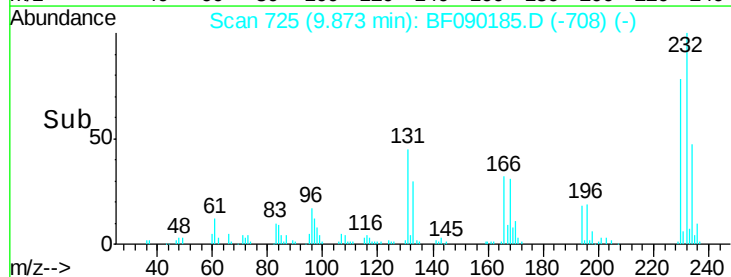
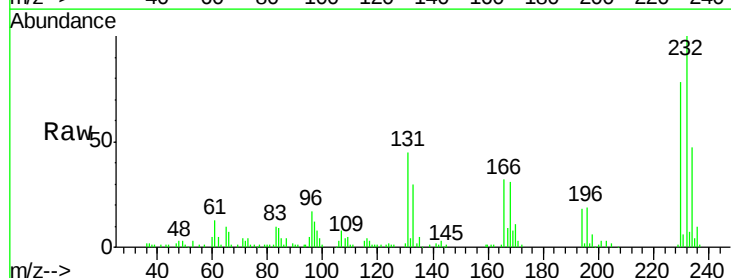
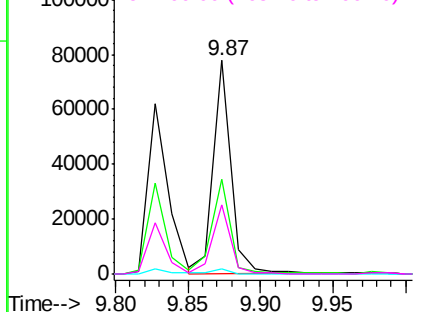
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

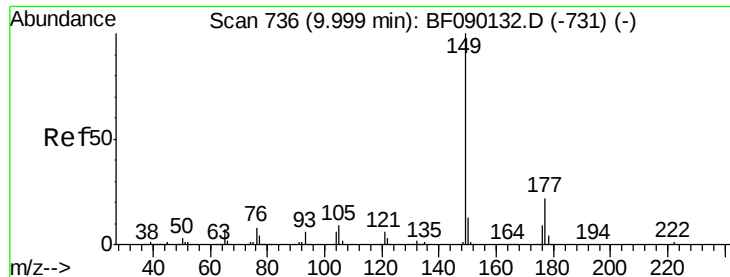


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 19.50 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion:232 Resp: 65885
 Ion Ratio Lower Upper
 232 100
 131 48.9 42.2 63.4
 130 2.1 1.9 2.9
 166 33.5 26.4 39.6

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

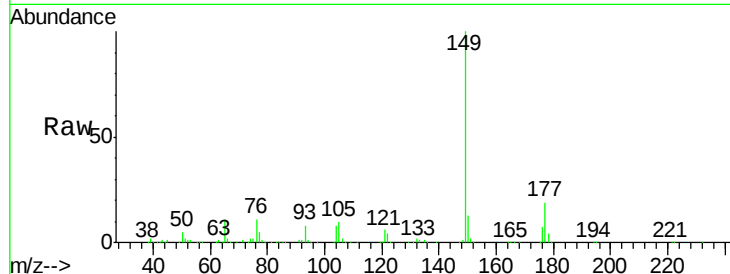




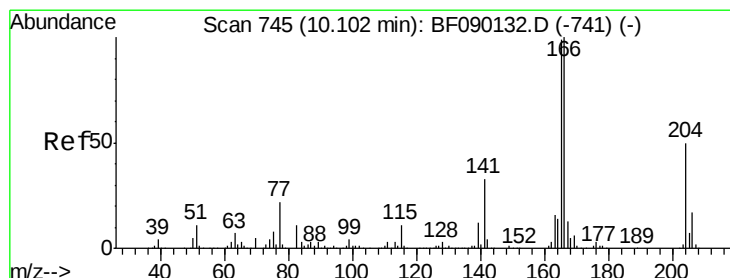
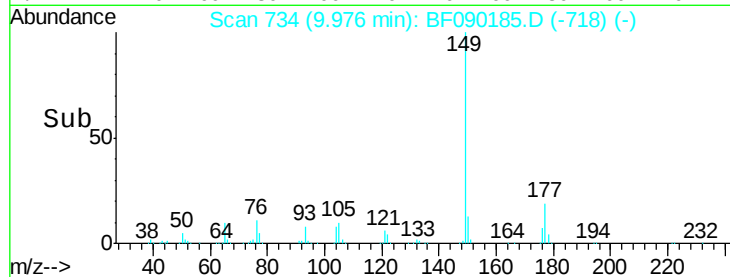
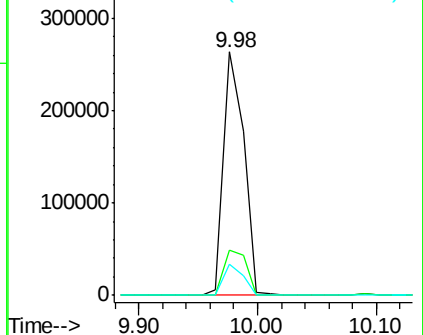
#59
Diethylphthalate
Concen: 18.92 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SS-3MSD

Tot Ion:149 Resp: 310202
Ion Ratio Lower Upper
149 100
177 18.7 15.8 23.6
150 13.0 10.4 15.6

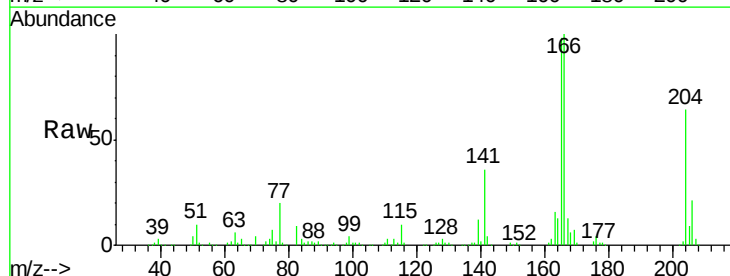


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

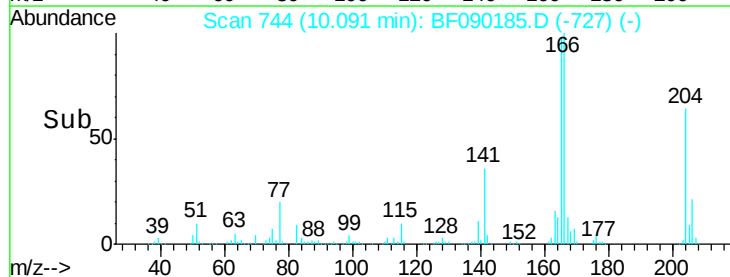
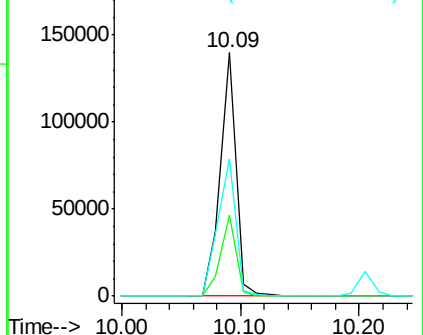


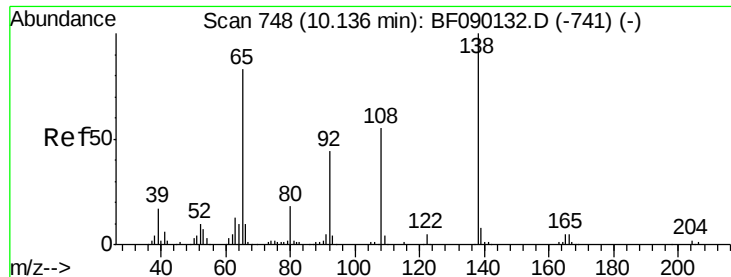
#60
4-Chlorophenyl-phenylether
Concen: 20.91 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion:204 Resp: 128260
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 56.6 64.4 96.6#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

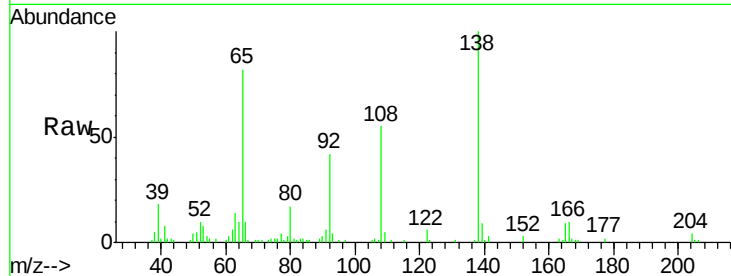




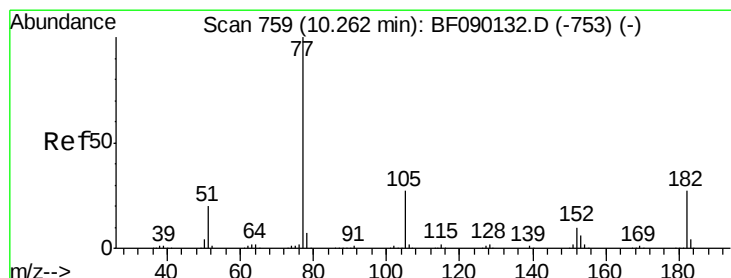
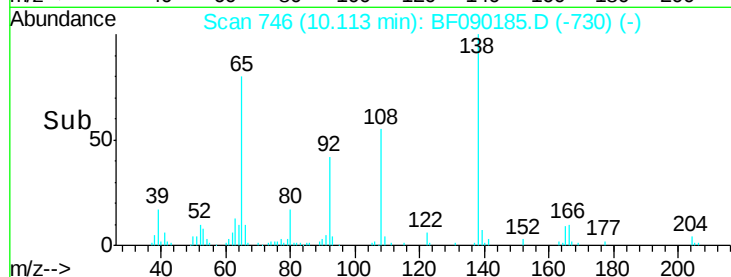
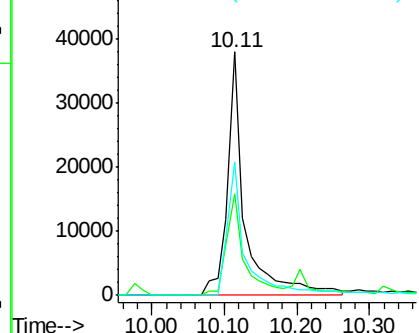
#61
4-Nitroaniline
Concen: 14.16 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SS-3MSD

Tot Ion:138 Resp: 64008
Ion Ratio Lower Upper
138 100
92 42.0 23.8 63.8
108 54.8 35.0 75.0

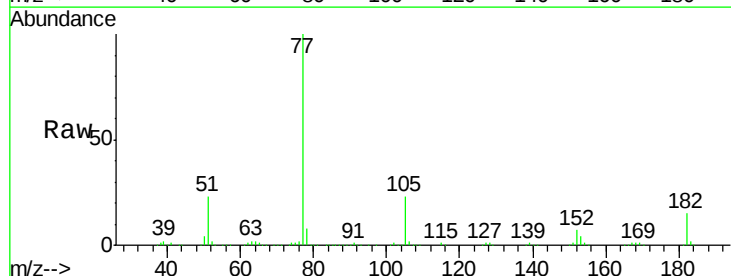


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

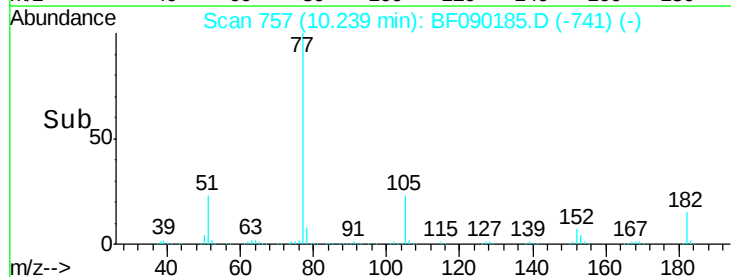
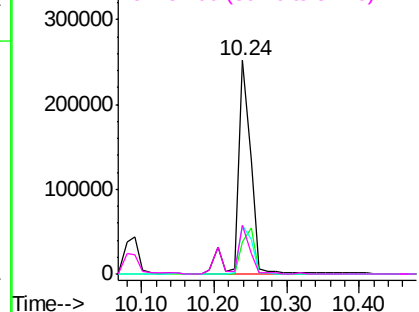


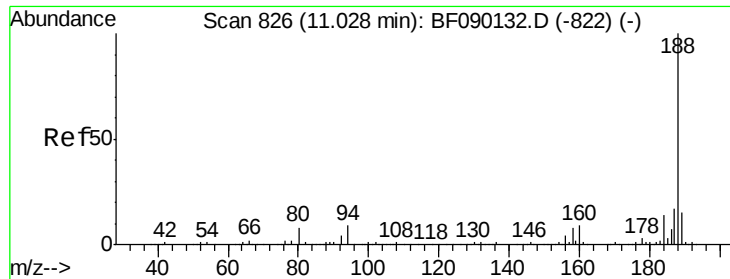
#62
Azobenzene
Concen: 17.98 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion: 77 Resp: 306762
Ion Ratio Lower Upper
77 100
182 15.0 0.0 38.4
105 22.7 3.8 43.8
51 22.8 2.6 42.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

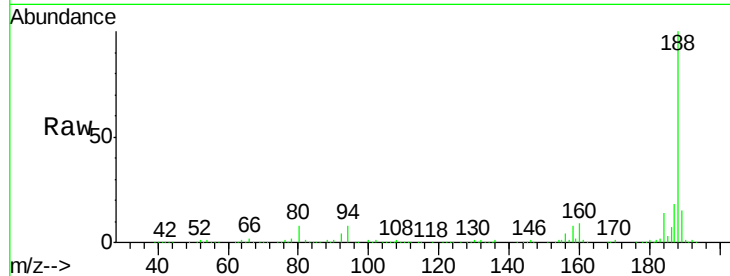




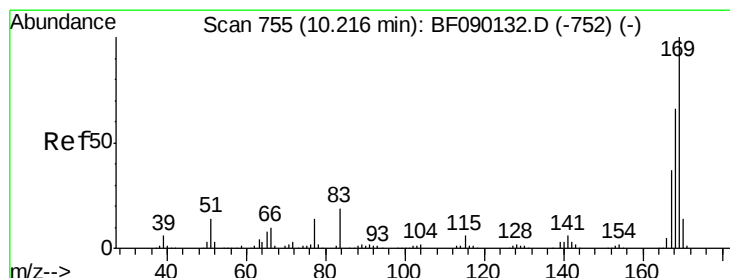
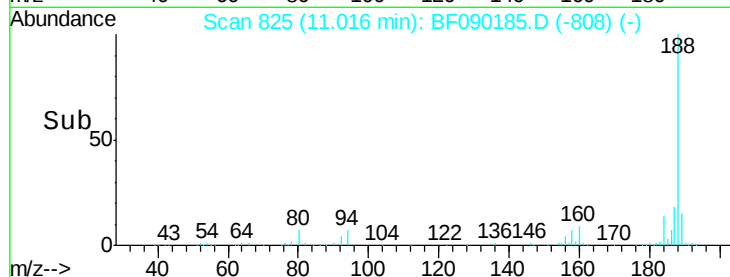
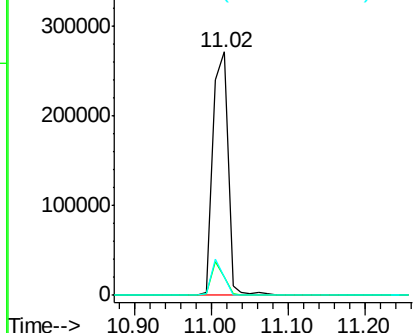
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SS-3MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	10.5	15.7#
80	7.7	11.2	16.8#

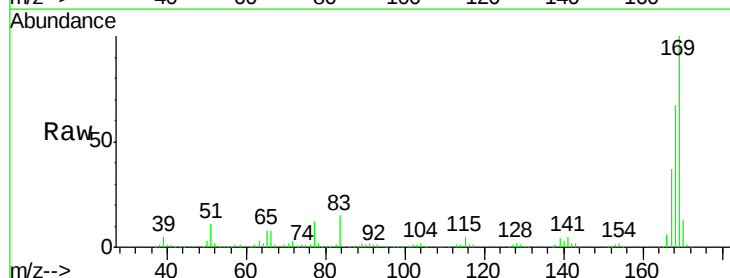


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

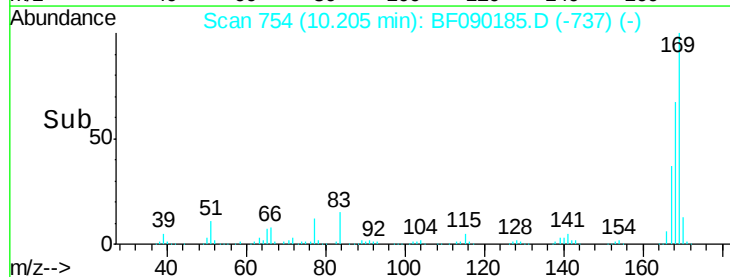
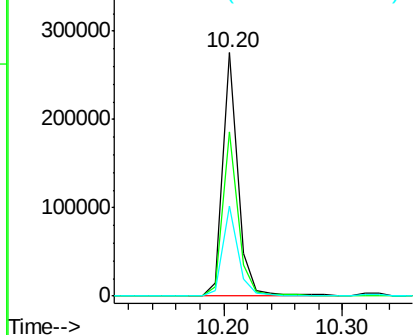


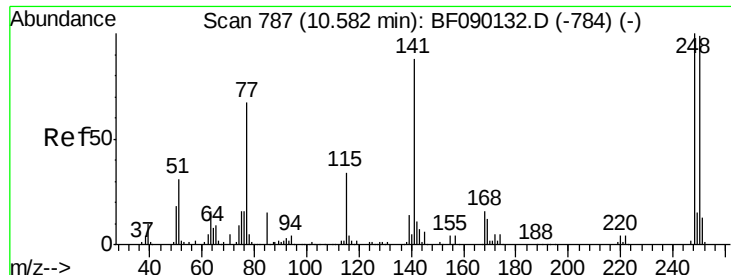
#65
n-Nitrosodiphenylamine
Concen: 19.99 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.2	81.4
167	37.0	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

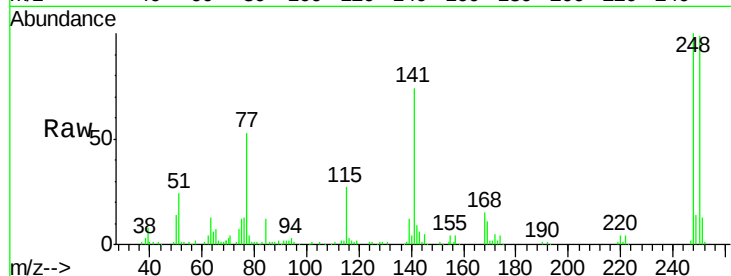




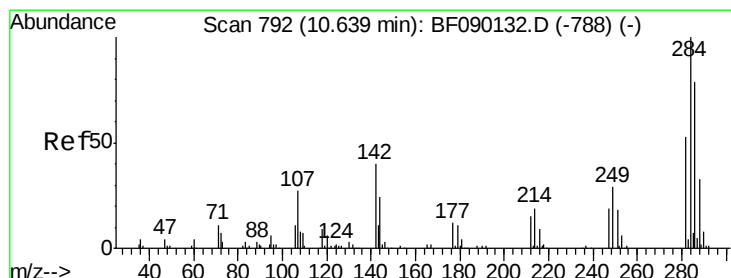
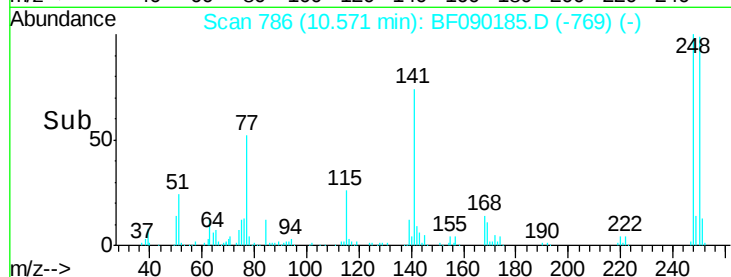
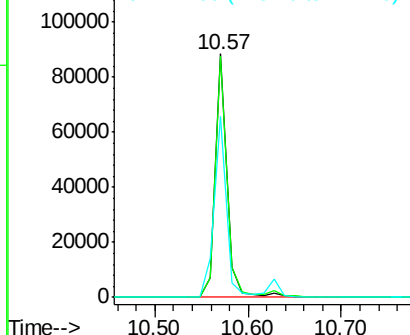
#66
4-Bromophenyl-phenylether
Concen: 21.22 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SS-3MSD

Tot Ion:248 Resp: 77582
Ion Ratio Lower Upper
248 100
250 98.9 79.4 119.2
141 74.3 49.3 73.9#

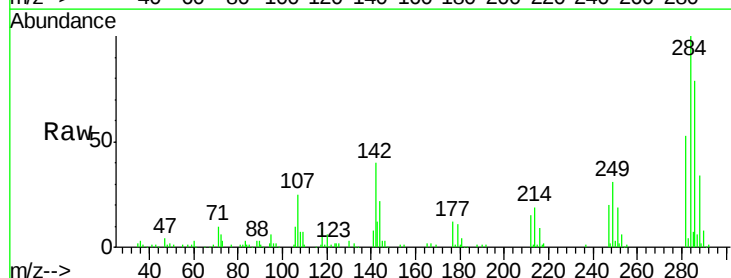


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

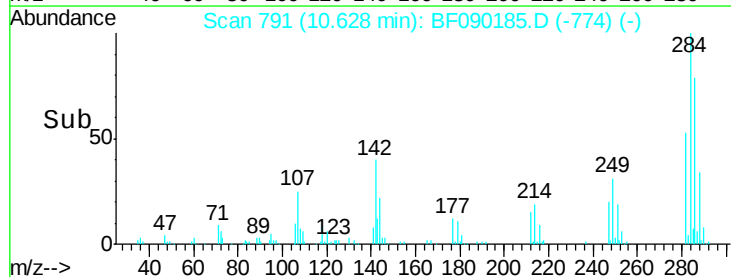
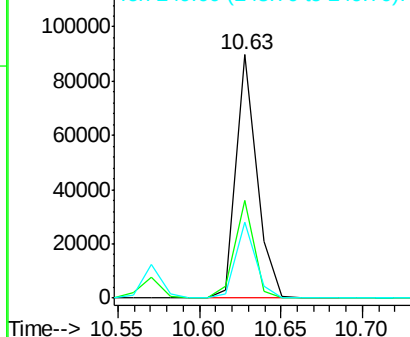


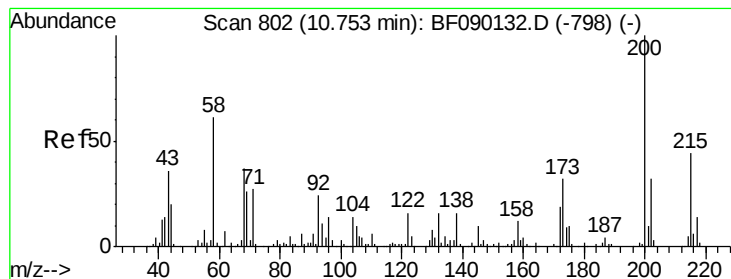
#67
Hexachlorobenzene
Concen: 18.50 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion:284 Resp: 78812
Ion Ratio Lower Upper
284 100
142 40.4 24.0 36.0#
249 31.2 23.8 35.6



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





#68

Atrazine

Concen: 21.51 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampled :

SS-3MSD

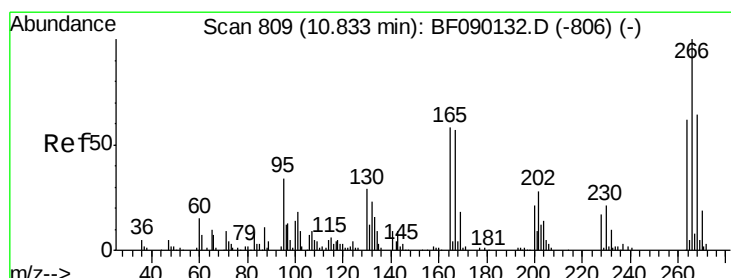
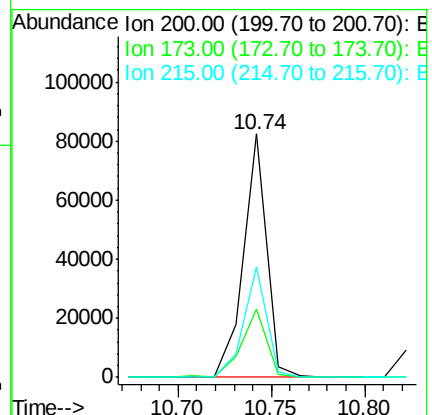
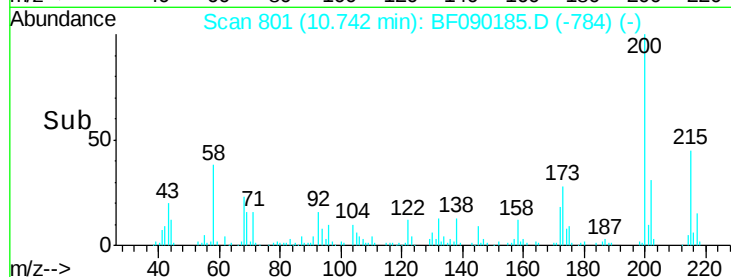
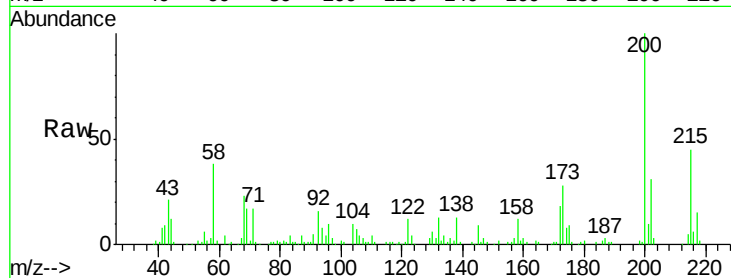
Tot Ion:200 Resp: 72003

Ion Ratio Lower Upper

200 100

173 28.1 9.3 49.3

215 45.4 26.1 66.1



#69

Pentachlorophenol

Concen: 31.31 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

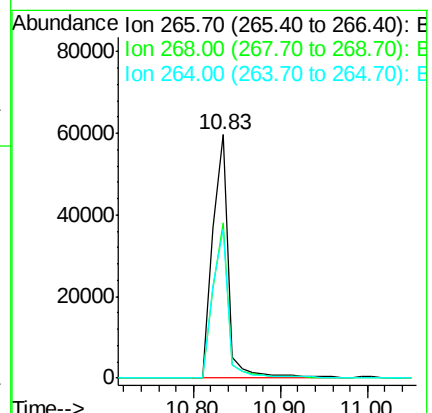
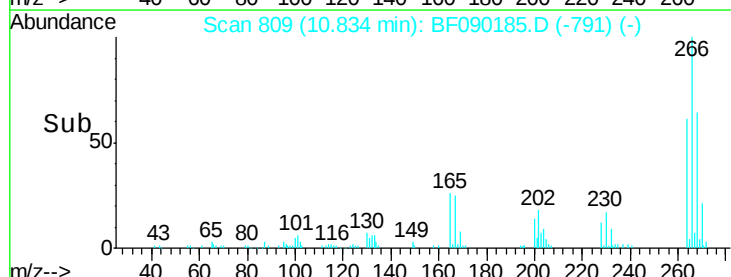
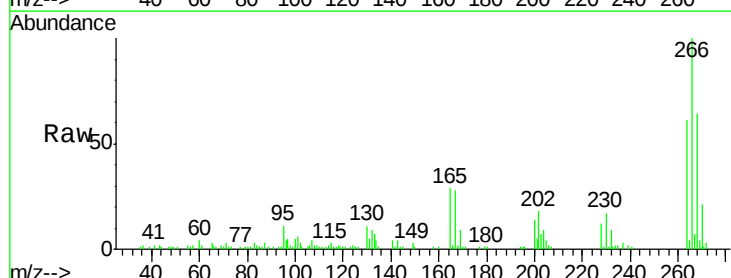
Tgt Ion:266 Resp: 75703

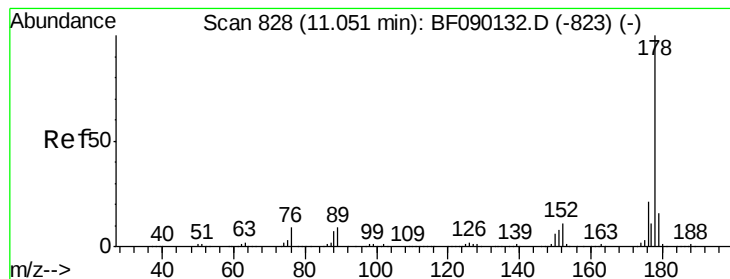
Ion Ratio Lower Upper

266 100

268 63.6 52.1 78.1

264 61.3 50.3 75.5





#70

Phenanthrene

Concen: 20.44 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

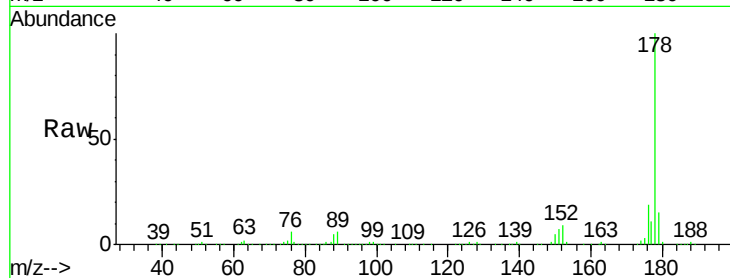
Tot Ion:178 Resp: 355035

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

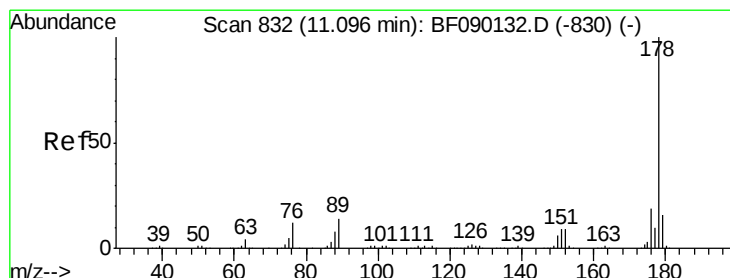
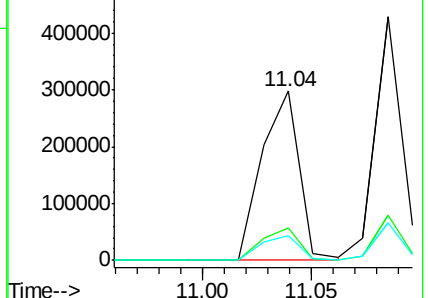
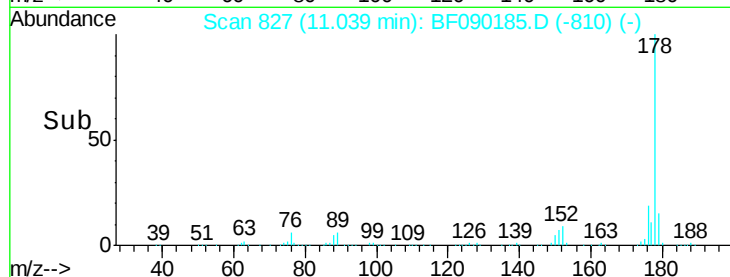
179 15.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 20.98 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

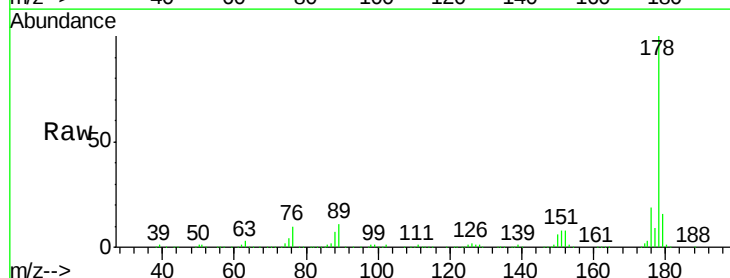
Tgt Ion:178 Resp: 382256

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.6

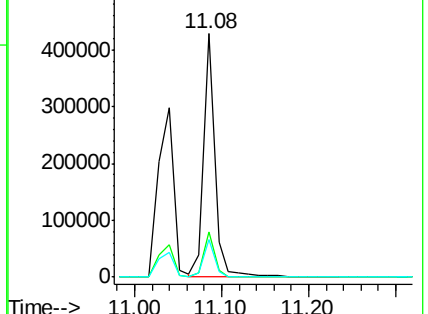
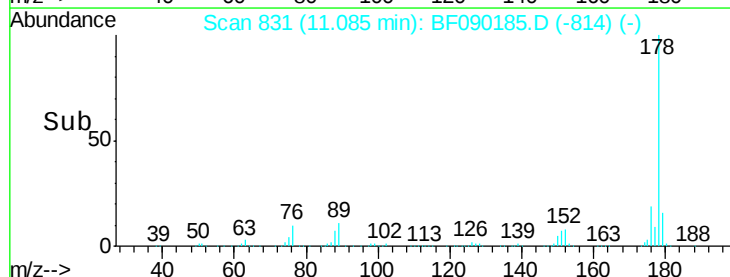
179 15.6 12.6 19.0

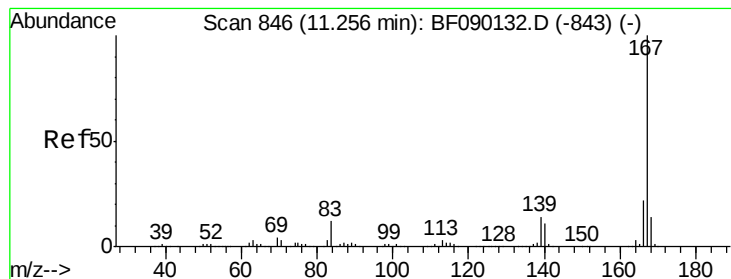


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 18.50 ng

RT: 11.24 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

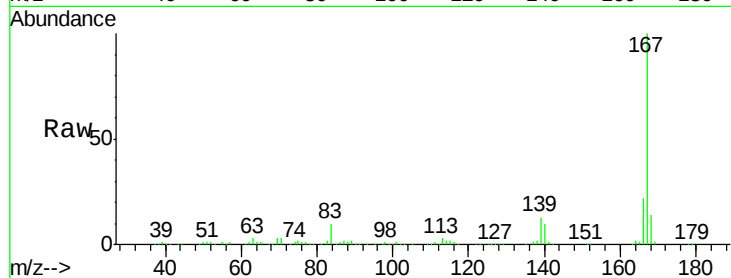
Tot Ion:167 Resp: 356364

Ion Ratio Lower Upper

167 100

166 21.5 18.0 27.0

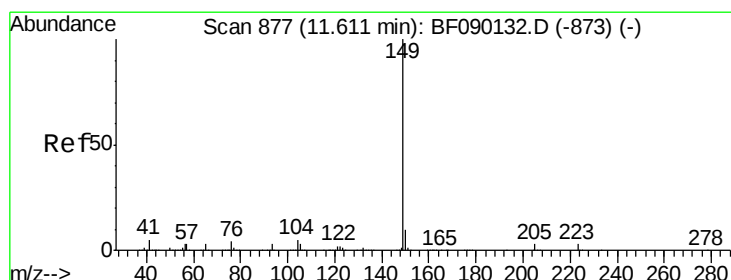
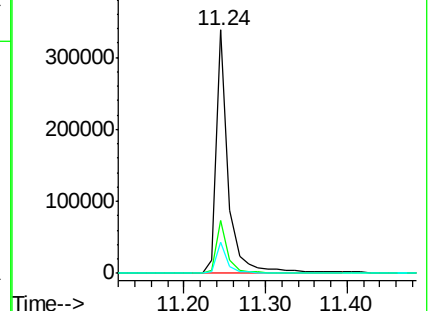
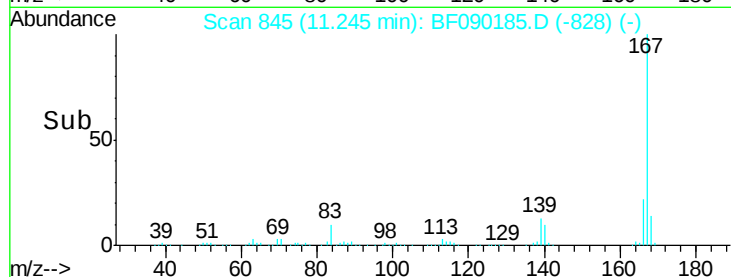
139 13.0 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 22.19 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

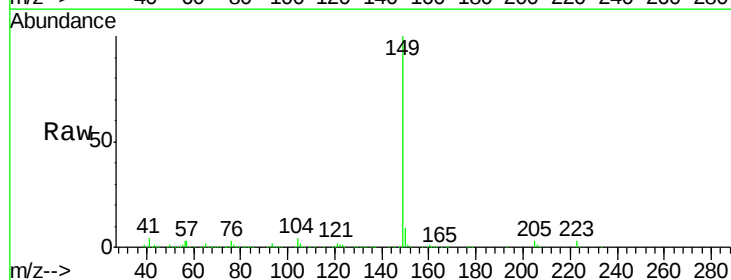
Tgt Ion:149 Resp: 496975

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

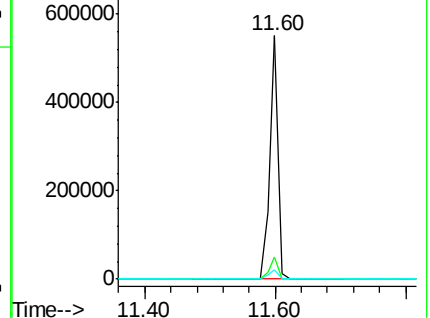
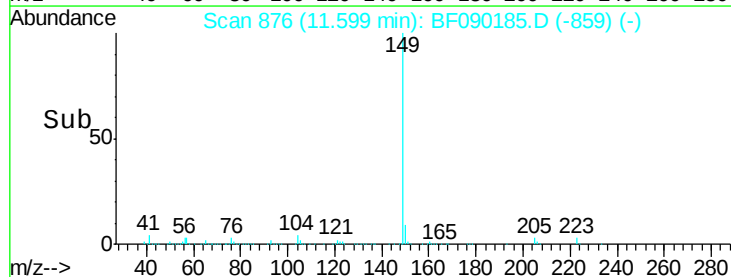
104 3.7 3.9 5.9#

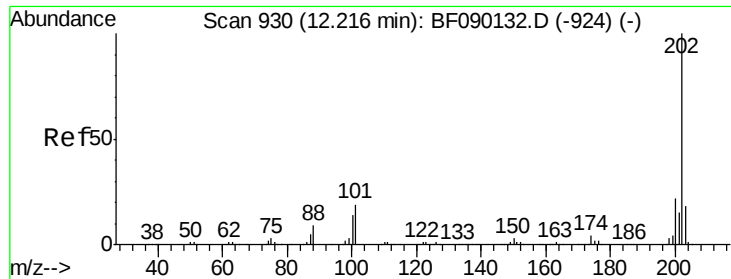


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

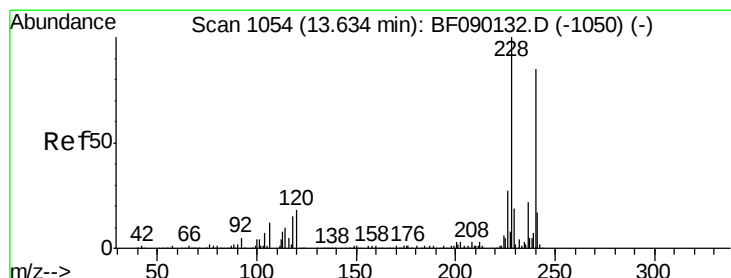
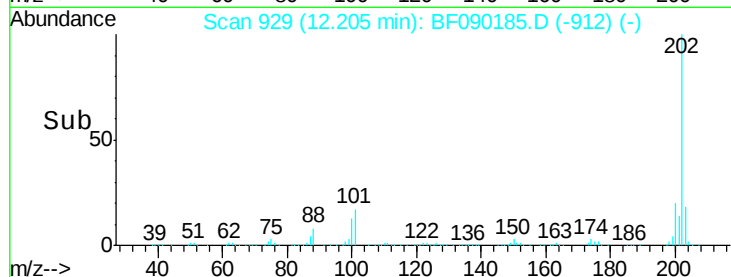
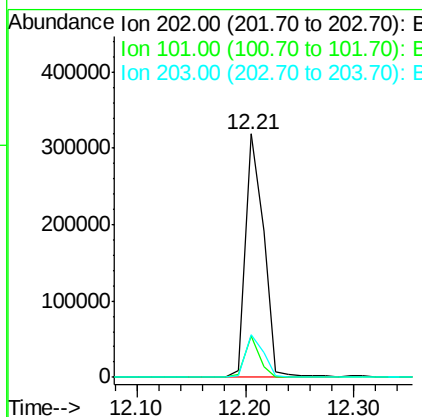
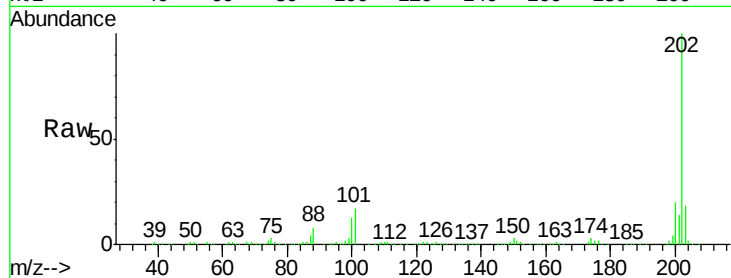




#74
 Fluoranthene
 Concen: 19.86 ng
 RT: 12.21 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

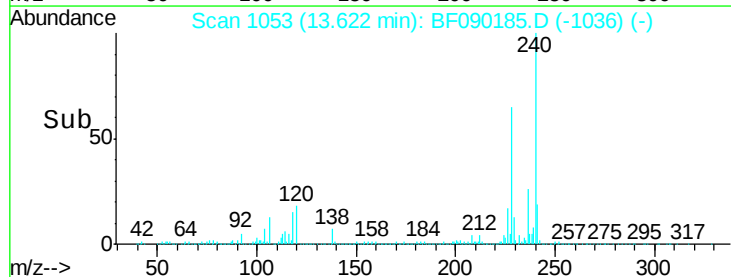
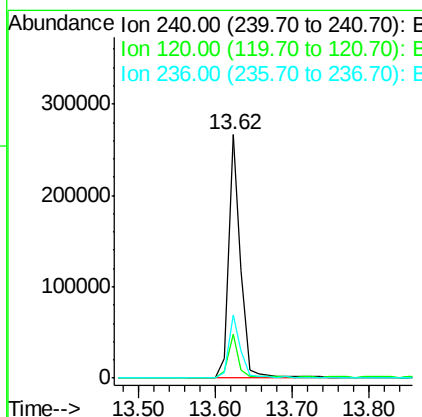
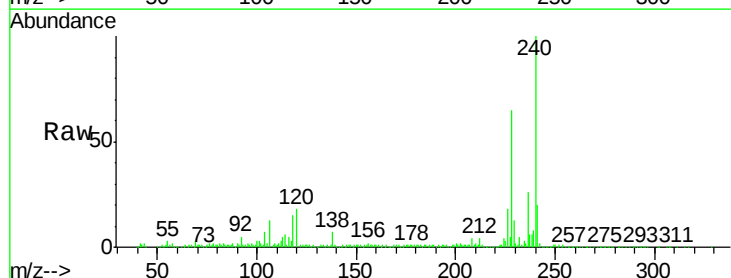
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

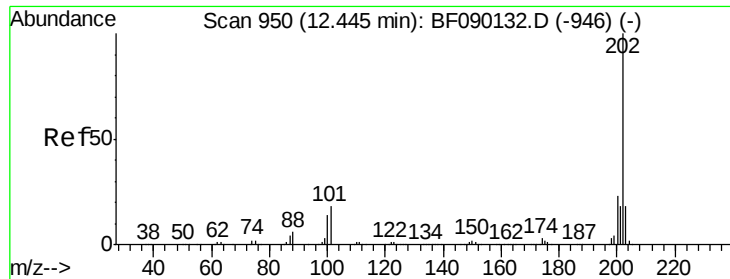
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	36.1
203	17.7	0.0	38.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.3	10.6	16.0#
236	26.1	21.6	32.4





#77

Pvrene

Concen: 19.22 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

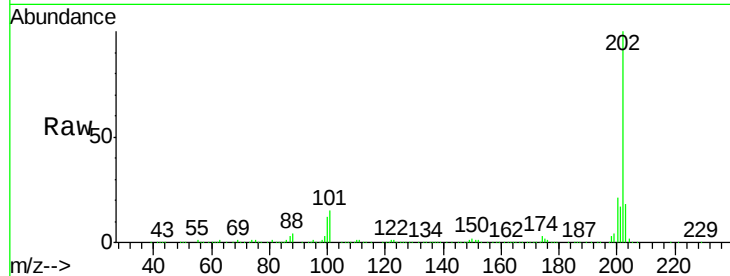
Tot Ion:202 Resp: 387710

Ion Ratio Lower Upper

202 100

200 21.2 17.9 26.9

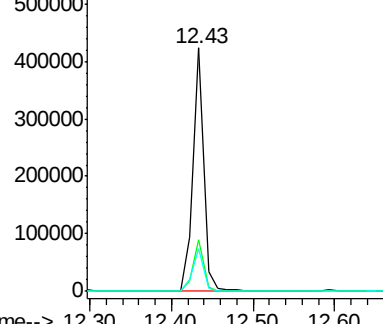
203 17.8 14.2 21.4



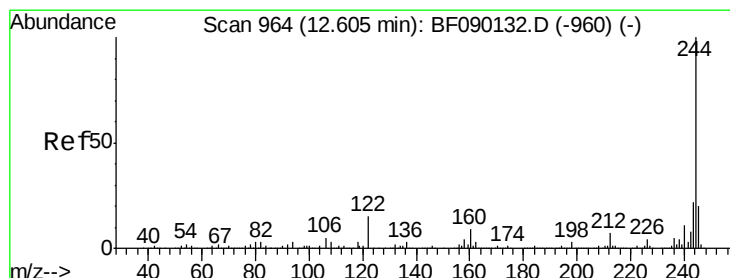
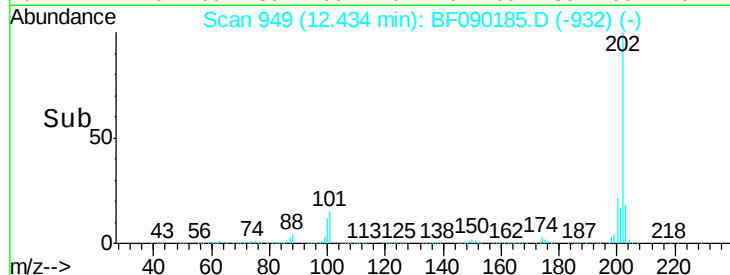
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.30 12.40 12.50 12.60



#78

Terphenyl-d14

Concen: 41.28 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

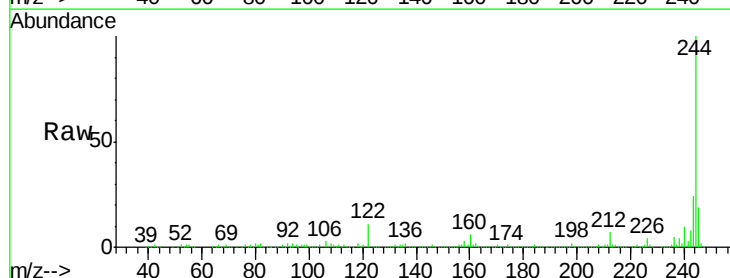
Tgt Ion:244 Resp: 479457

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

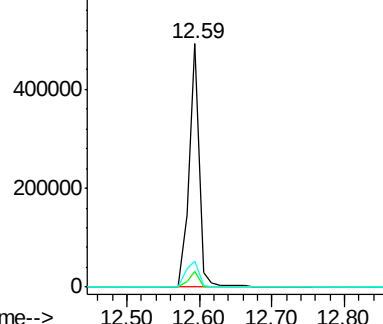
122 10.8 9.4 14.0



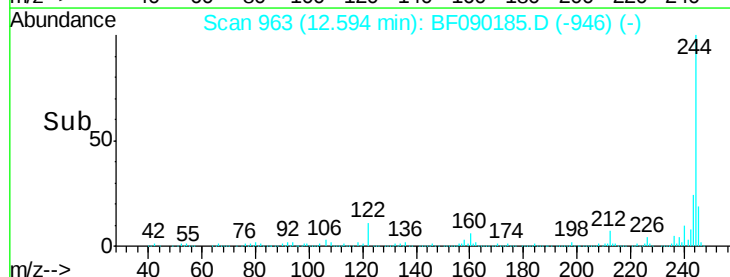
Abundance Ion 244.00 (243.70 to 244.70): E

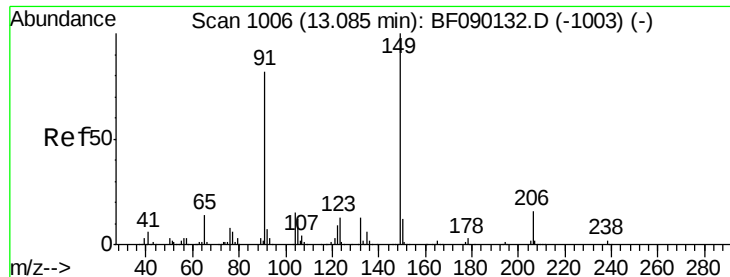
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.50 12.60 12.70 12.80

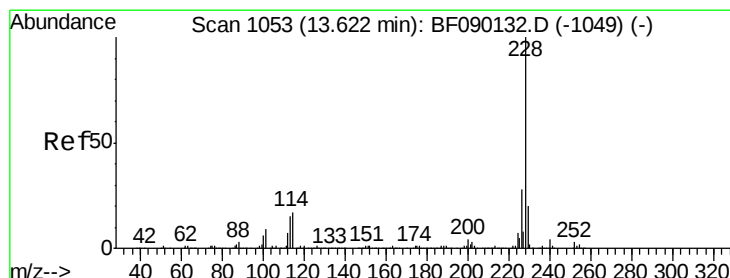
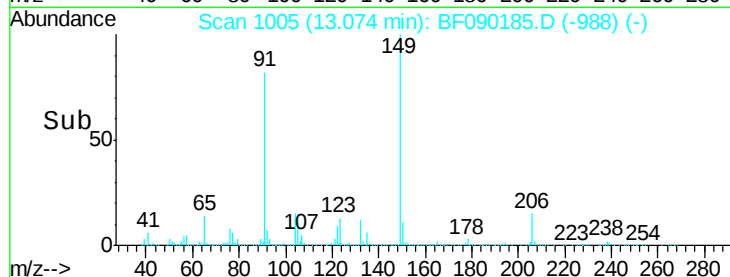
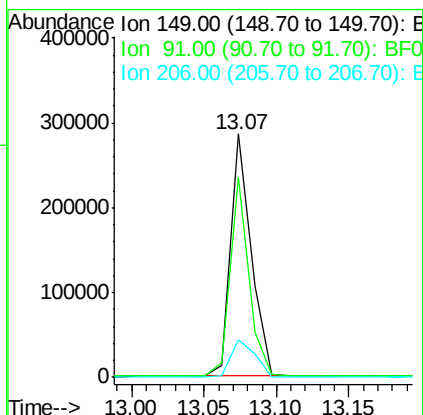
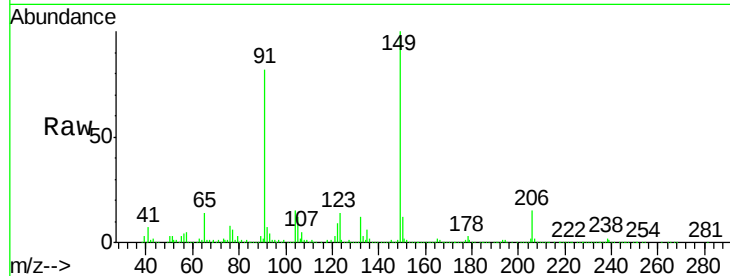




#79
Butylbenzylphthalate
Concen: 28.37 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

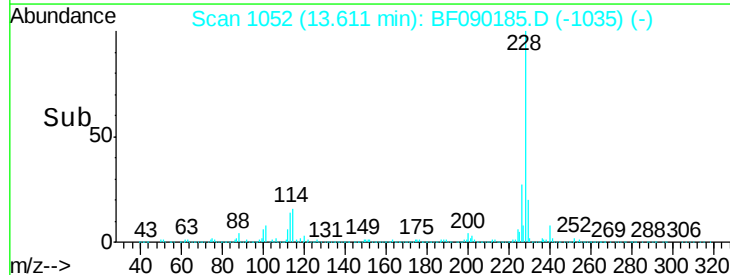
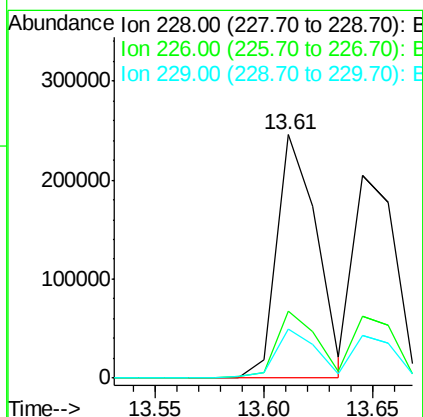
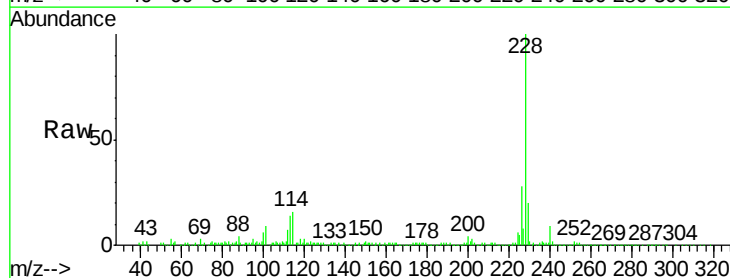
Instrument :
BNA_F
ClientSampleId :
SS-3MSD

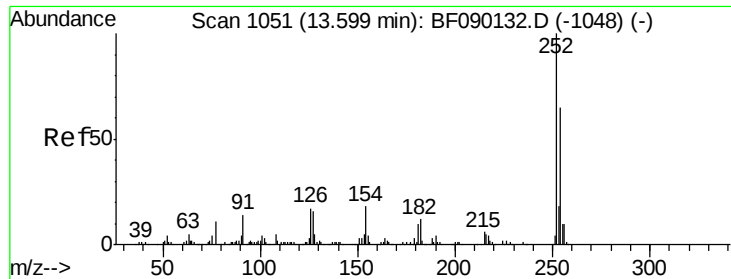
Tot Ion:149 Resp: 279984
Ion Ratio Lower Upper
149 100
91 82.3 49.8 74.6#
206 15.2 16.3 24.5#



#80
Benzo(a)anthracene
Concen: 19.77 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion:228 Resp: 313659
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.1 16.2 24.2

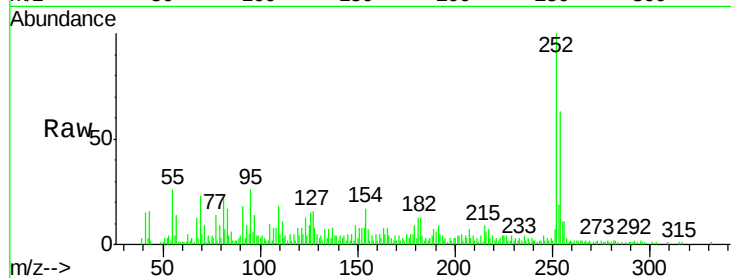




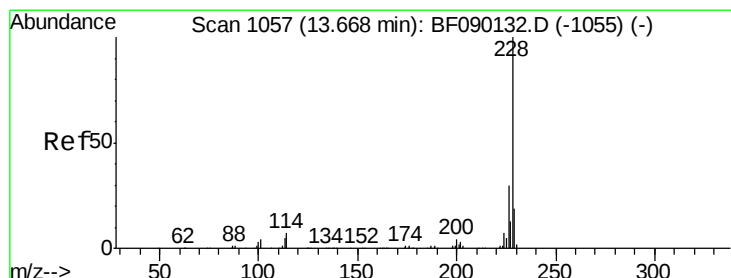
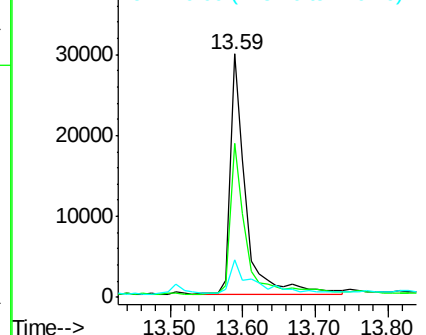
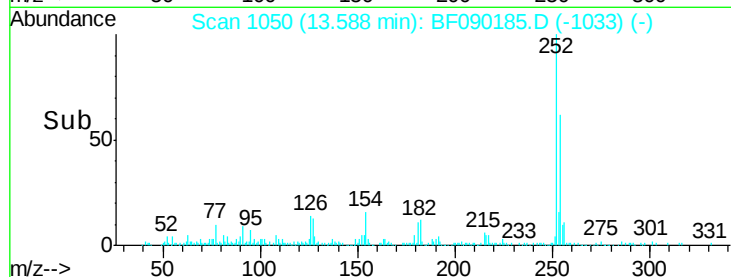
#81
 3,3'-Dichlorobenzidine
 Concen: 6.59 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

Tot Ion:252 Resp: 43106
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 15.4 9.2 13.8#

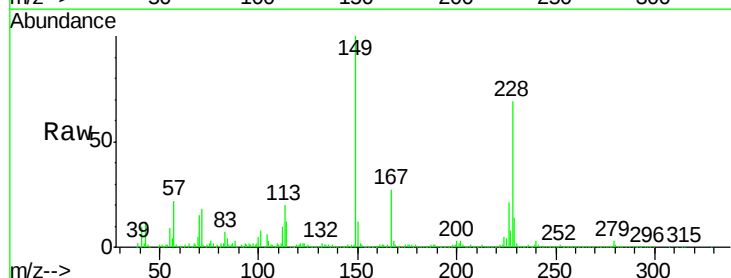


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

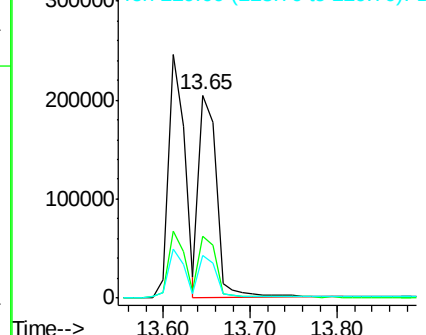
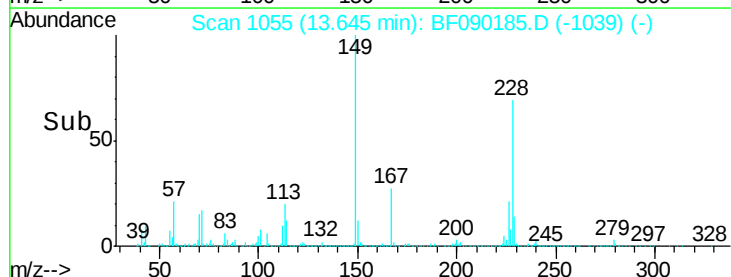


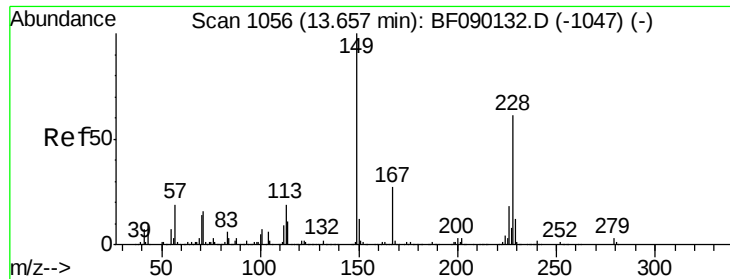
#82
 Chrysene
 Concen: 18.54 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion:228 Resp: 286479
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.6 37.0
 229 20.7 16.2 24.4



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

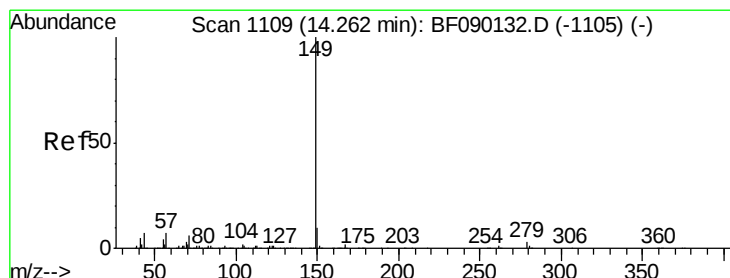
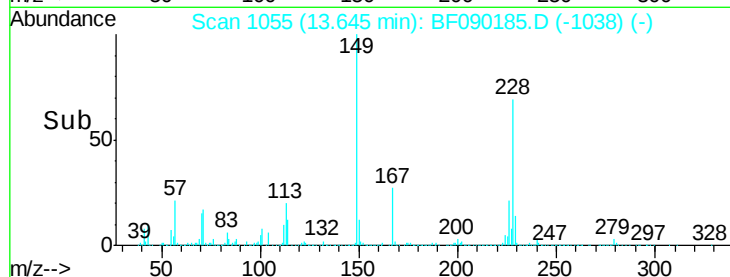
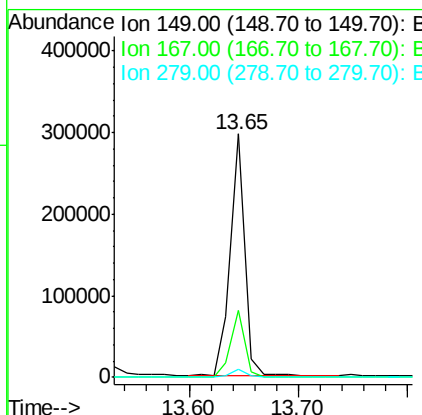
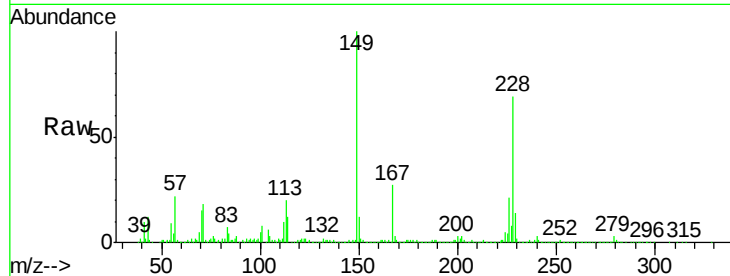




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.44 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

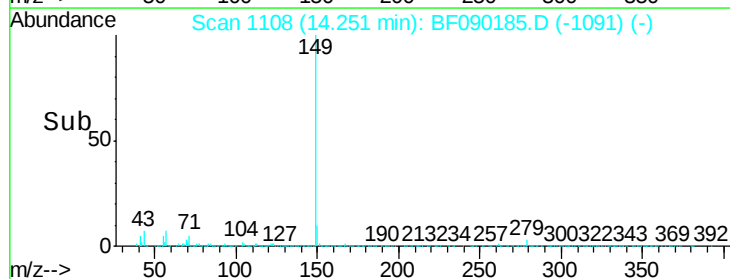
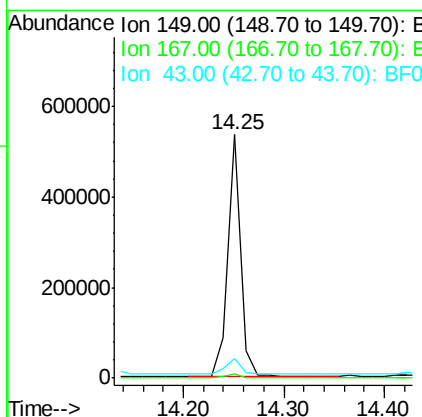
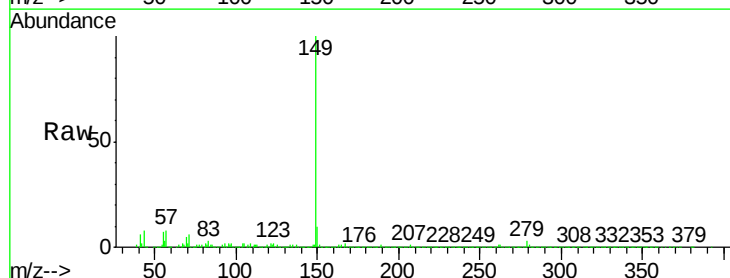
Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

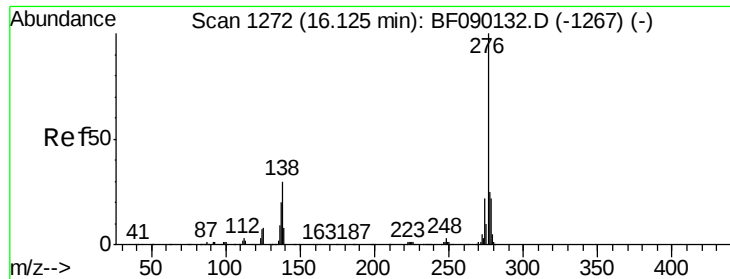
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.2	31.8
279	3.4	2.2	3.2#



#84
 Di-n-octyl phthalate
 Concen: 21.73 ng
 RT: 14.25 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.2	6.8	10.2

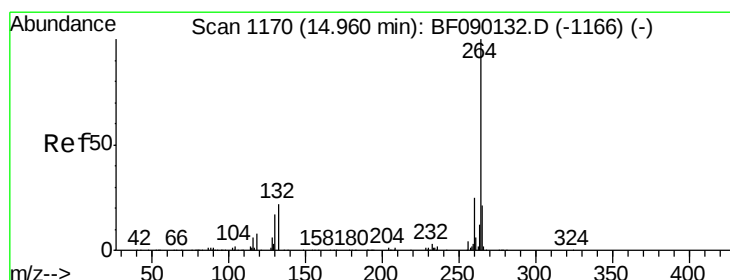
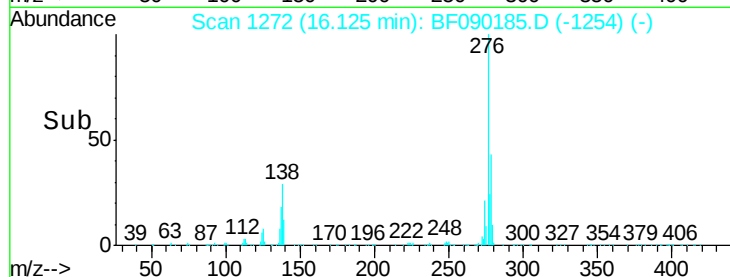
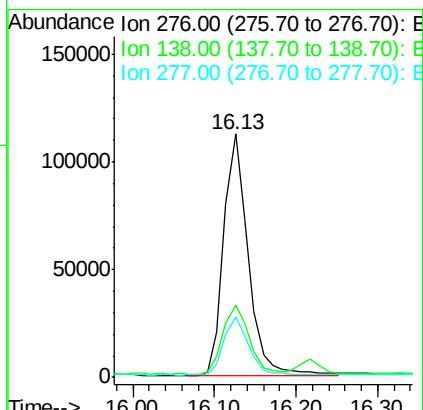
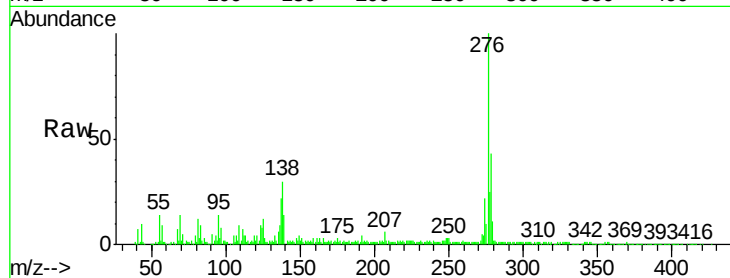




#85
Indeno(1,2,3-cd)pyrene
Concen: 18.75 ng
RT: 16.13 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

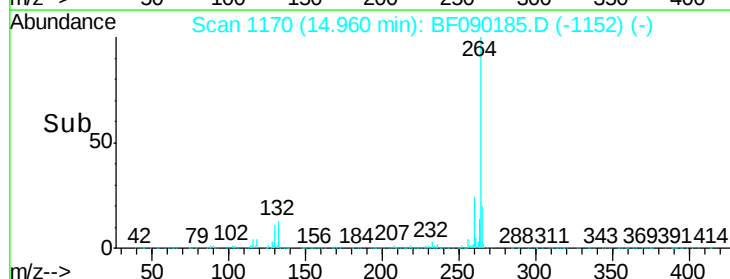
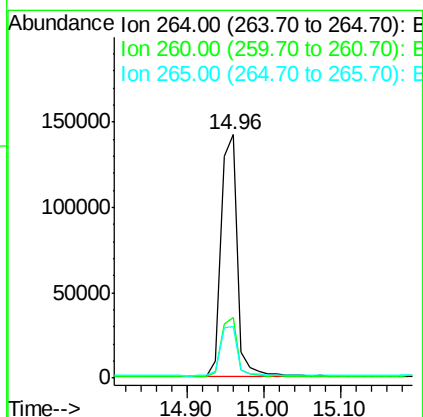
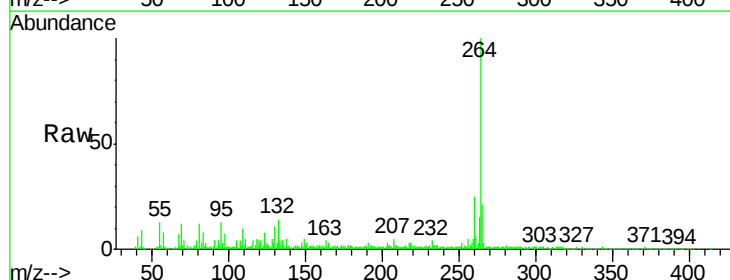
Instrument :
BNA_F
ClientSampleId :
SS-3MSD

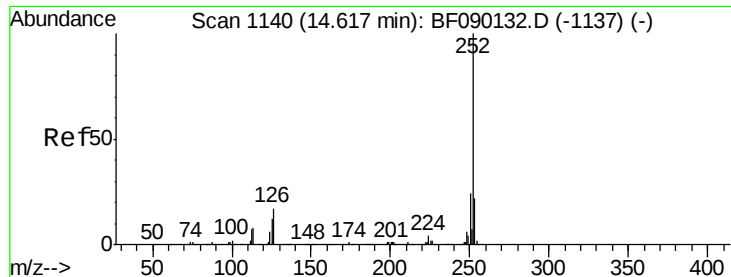
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.9	38.9
277	24.6	19.9	29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF090185.D
Acq: 22 Sep 2016 3:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.4	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 20.14 ng m

RT: 14.61 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

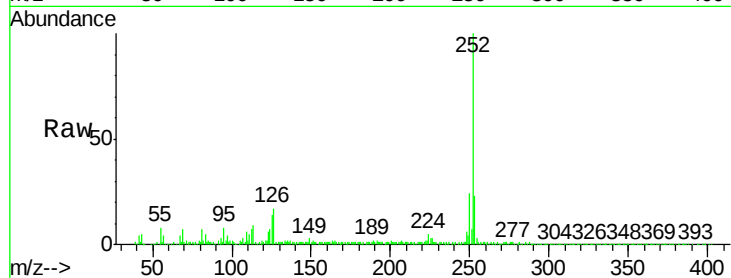
Tot Ion:252 Resp: 238015

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

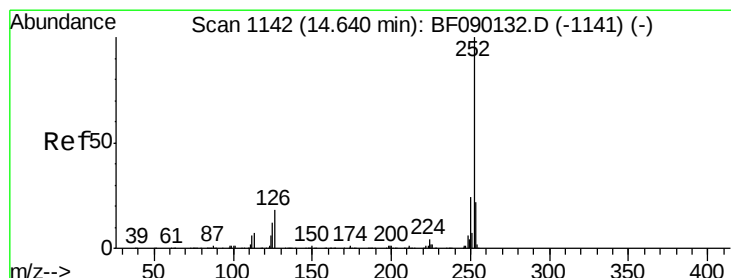
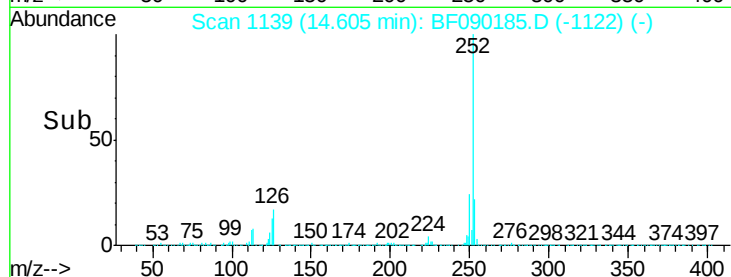
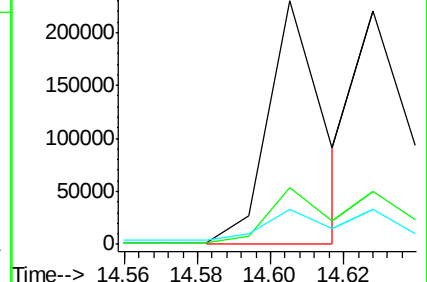
125 14.2 12.7 19.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 21.88 ng m

RT: 14.63 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

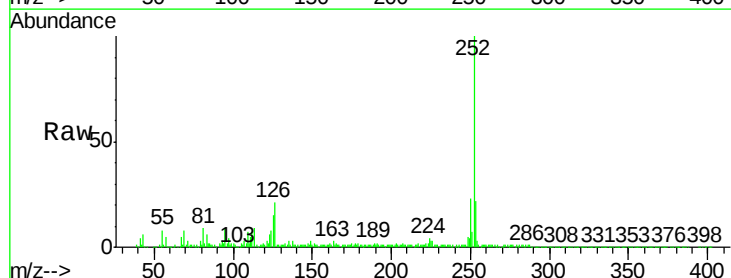
Tgt Ion:252 Resp: 242655

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

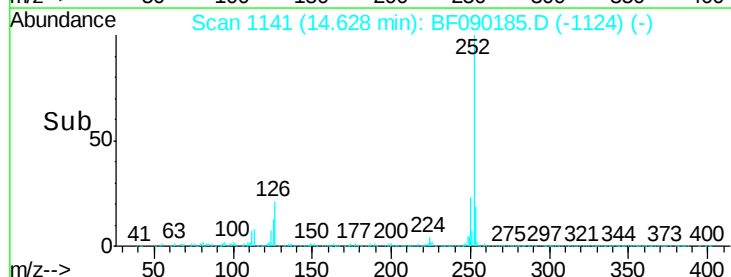
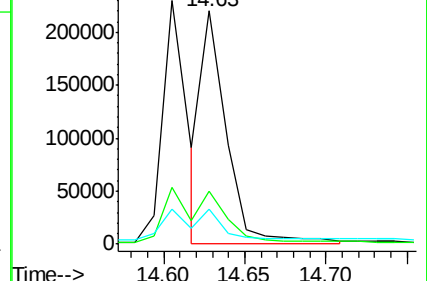
125 15.0 7.8 11.6#

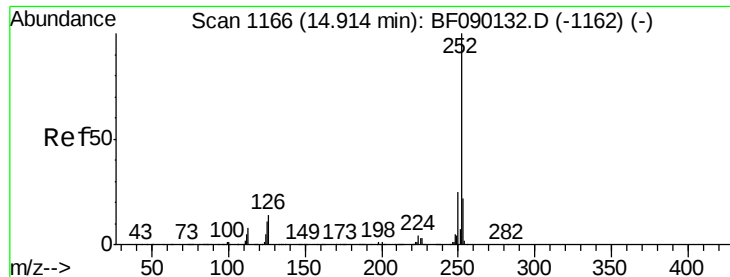


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 19.00 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SS-3MSD

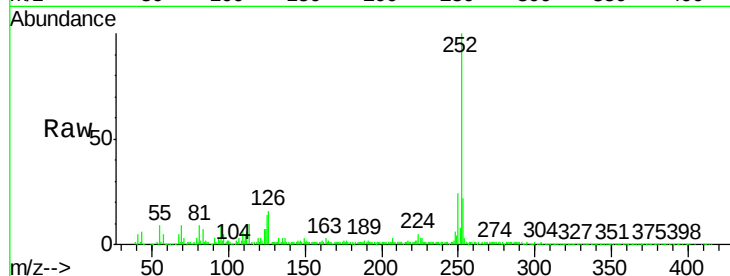
Tot Ion:252 Resp: 211182

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

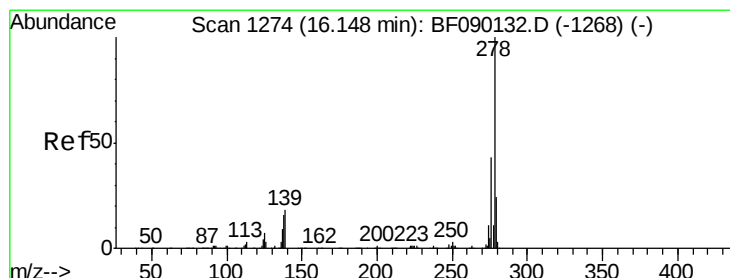
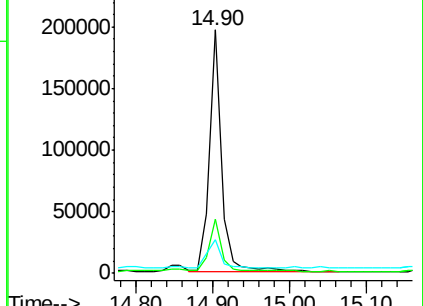
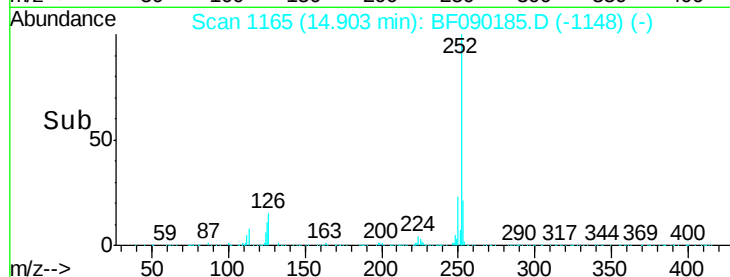
125 13.8 7.7 11.5#



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: 22.78 ng

RT: 16.14 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF090185.D

Acq: 22 Sep 2016 3:25

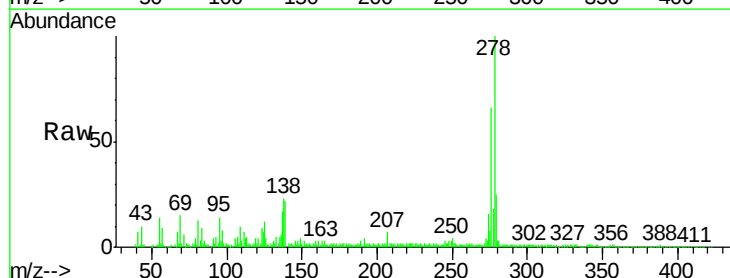
Tgt Ion:278 Resp: 197658

Ion Ratio Lower Upper

278 100

139 22.4 14.6 21.8#

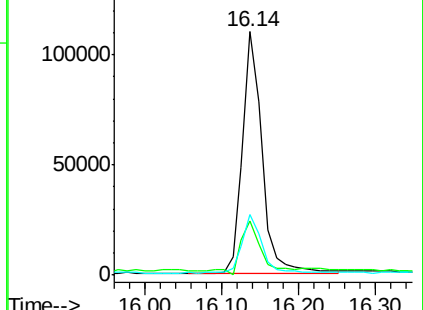
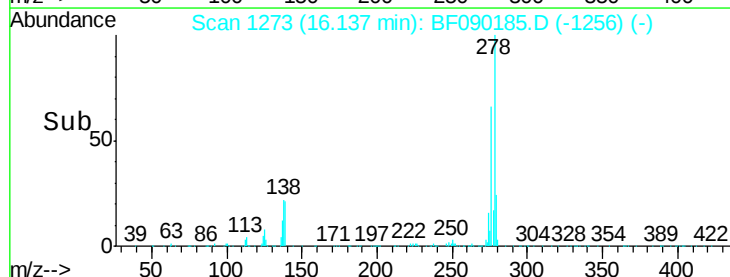
279 24.9 18.8 28.2

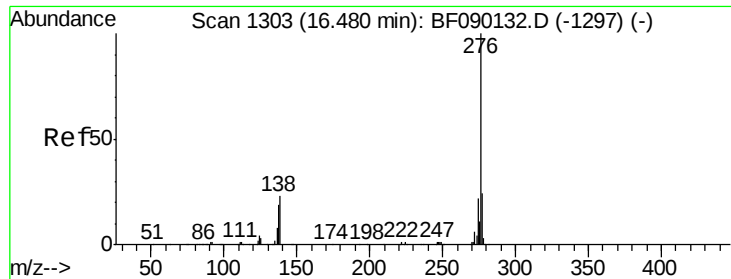


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

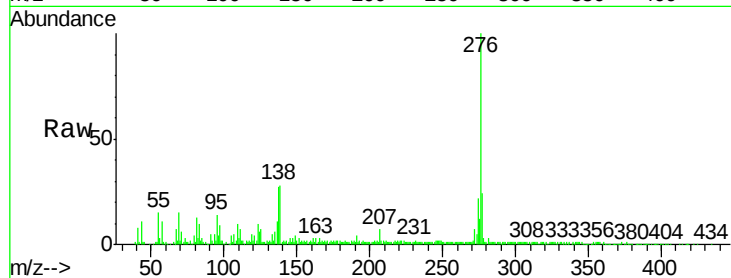




#91
 Benzo(a,h,i)perylene
 Concen: 23.19 ng
 RT: 16.47 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF090185.D
 Acq: 22 Sep 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	27.9	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

