

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090099.D
 Acq On : 15 Sep 2016 18:44
 Operator : UM/SJ
 Sample : H4758-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Quant Time: Sep 16 00:52:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	169877	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	663436	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	289618	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	415378	20.00	ng	0.00
75) Chrysene-d12	13.67	240	324940	20.00	ng	0.00
86) Perylene-d12	14.99	264	270103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1391694	131.76	ng	0.01
7) Phenol-d6	6.22	99	1937040	140.08	ng	0.01
23) Nitrobenzene-d5	7.13	82	1131899	95.93	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	324017	111.38	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1542753	83.66	ng	0.00
78) Terphenyl-d14	12.63	244	990167	72.37	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	204565	37.09	ng	99
3) Pyridine	2.62	79	469163	34.02	ng	98
4) n-Nitrosodimethylamine	2.57	42	206302	46.25	ng	91
6) Aniline	6.31	93	977266	56.94	ng	# 47
8) 2-Chlorophenol	6.34	128	566252	46.53	ng	89
9) Benzaldehyde	6.09	77	64678	8.78	ng	93
10) Phenol	6.23	94	557402	35.91	ng	81
11) bis(2-Chloroethyl)ether	6.31	93	977266	78.51	ng	88
12) 1,3-Dichlorobenzene	6.49	146	559918	44.73	ng	99
13) 1,4-Dichlorobenzene	6.57	146	589180	45.59	ng	99
14) 1,2-Dichlorobenzene	6.73	146	480413	40.91	ng	99
15) Benzyl Alcohol	6.72	79	409671	52.61	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.86	45	678093	45.97	ng	97
17) 2-Methylphenol	6.84	107	475827	47.80	ng	94
18) Hexachloroethane	7.06	117	192738	41.10	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	379839	44.20	ng	99
20) 3+4-Methylphenols	6.99	107	573043	47.42	ng	94
22) Acetophenone	6.98	105	759920	47.32	ng	98
24) Nitrobenzene	7.14	77	566636	45.59	ng	99
25) Isophorone	7.39	82	1153319	46.68	ng	99
26) 2-Nitrophenol	7.46	139	292131	48.47	ng	98
27) 2,4-Dimethylphenol	7.52	122	479197	45.19	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	691848	47.74	ng	100
29) 2,4-Dichlorophenol	7.71	162	456144	48.70	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	435289	47.11	ng	100
31) Naphthalene	7.86	128	1432420	43.92	ng	99
32) Benzoic acid	7.62	122	61479	8.26	ng	93
33) 4-Chloroaniline	7.93	127	244463	17.61	ng	97
34) Hexachlorobutadiene	7.99	225	208803	44.13	ng	99
35) Caprolactam	8.31	113	106531	34.06	ng	87
36) 4-Chloro-3-methylphenol	8.42	107	471982	43.40	ng	97
37) 2-Methylnaphthalene	8.56	142	979498	48.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	318616	42.78	ng	100
40) Hexachlorocyclopentadiene	8.71	237	110657	28.59	ng	99

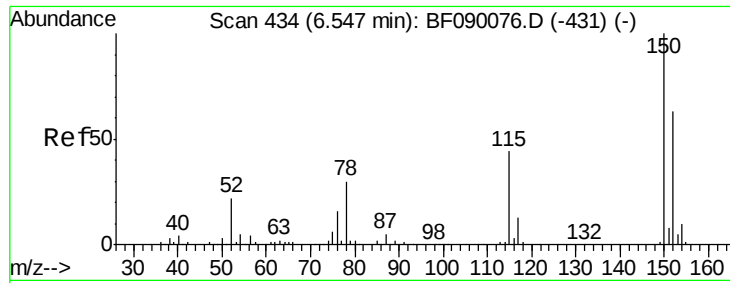
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090099.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	264430	48.99	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	275304	47.42	ng	# 94
45) 1,1'-Biphenyl	9.02	154	909279	38.37	ng	100
46) 2-Chloronaphthalene	9.04	162	862890	49.14	ng	99
47) 2-Nitroaniline	9.14	65	290476	51.81	ng	90
48) Acenaphthylene	9.45	152	1383091	46.90	ng	99
49) Dimethylphthalate	9.34	163	1332666	61.95	ng	99
50) 2,6-Dinitrotoluene	9.39	165	227419	47.31	ng	# 54
51) Acenaphthene	9.62	154	810619	49.21	ng	99
52) 3-Nitroaniline	9.55	138	172706	29.53	ng	90
53) 2,4-Dinitrophenol	9.66	184	99064	37.91	ng	99
54) Dibenzofuran	9.79	168	1134931	49.82	ng	99
55) 4-Nitrophenol	9.74	139	290947	70.69	ng	89
56) 2,4-Dinitrotoluene	9.78	165	234938	40.09	ng	100
57) Fluorene	10.12	166	737584	44.34	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	197364	44.57	ng	94
59) Diethylphthalate	10.02	149	968921	46.52	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	309905	46.50	ng	99
61) 4-Nitroaniline	10.16	138	208046	35.14	ng	87
62) Azobenzene	10.28	77	1003506	45.92	ng	98
64) 4,6-Dinitro-2-methylphenol	10.19	198	81749	29.64	ng	85
65) n-Nitrosodiphenylamine	10.25	169	718287	54.57	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	211949	52.93	ng	97
67) Hexachlorobenzene	10.67	284	233850	49.56	ng	97
68) Atrazine	10.79	200	215738	55.16	ng	99
69) Pentachlorophenol	10.87	266	221783	80.24	ng	98
70) Phenanthrene	11.07	178	1048143	52.22	ng	99
71) Anthracene	11.13	178	1115228	50.88	ng	100
72) Carbazole	11.29	167	1075112	47.82	ng	99
73) Di-n-butylphthalate	11.63	149	1166775	46.28	ng	99
74) Fluoranthene	12.25	202	1055205	50.17	ng	99
76) Benzidine	12.39	184	35215	2.66	ng	# 77
77) Pyrene	12.48	202	1199341	50.57	ng	100
79) Butylbenzylphthalate	13.12	149	517273	43.80	ng	98
80) Benzo(a)anthracene	13.66	228	976742	51.49	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	208200	26.19	ng	98
82) Chrysene	13.69	228	687360	38.63	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	617470	42.27	ng	99
84) Di-n-octyl phthalate	14.29	149	1141915	43.73	ng	99
85) Indeno(1,2,3-cd)pyrene	16.18	276	667341	43.17	ng	100
87) Benzo(b)fluoranthene	14.67	252	1550996	97.95	ng	96
88) Benzo(k)fluoranthene	14.67	252	1550996	108.80	ng	# 97
89) Benzo(a)pyrene	14.95	252	697157	49.10	ng	# 94
90) Dibenzo(a,h)anthracene	16.21	278	545411	49.05	ng	98
91) Benzo(g,h,i)perylene	16.54	276	552628	52.07	ng	99

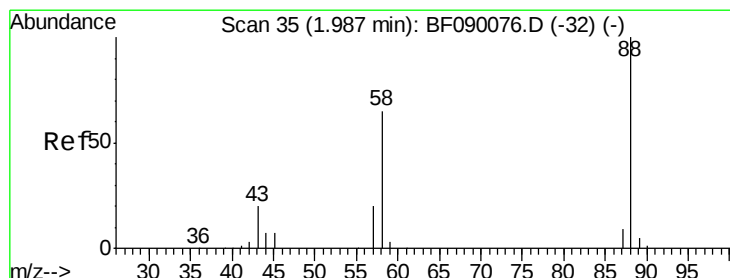
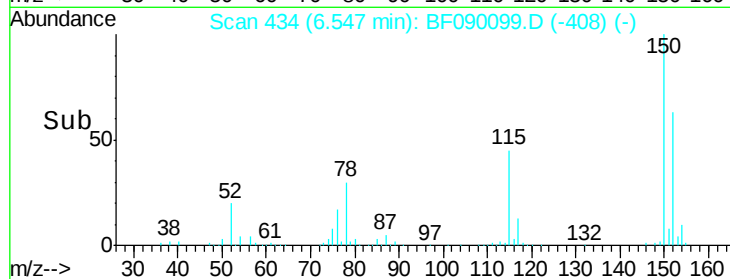
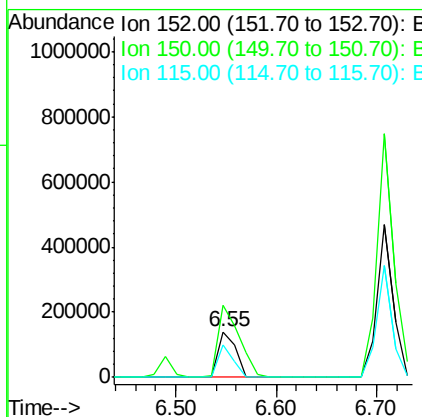
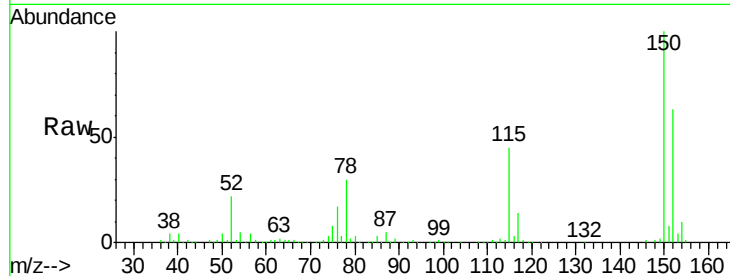
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

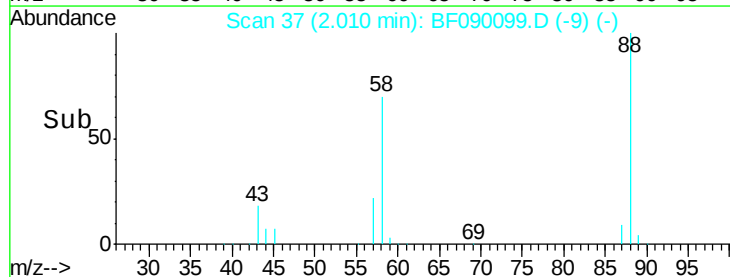
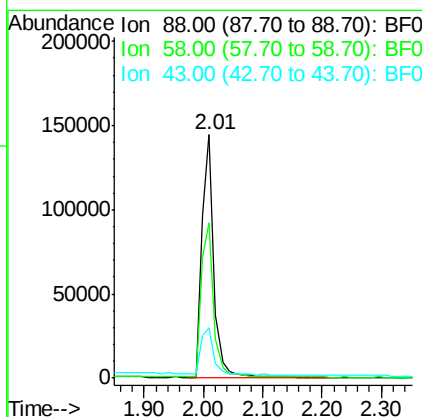
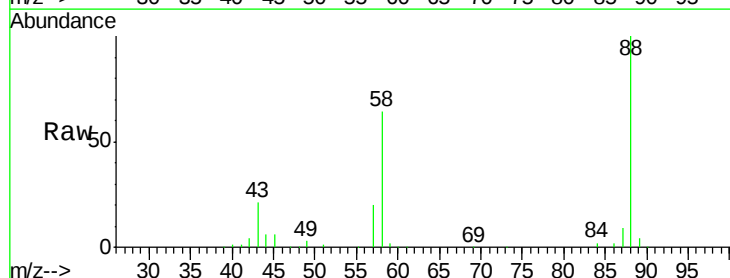
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

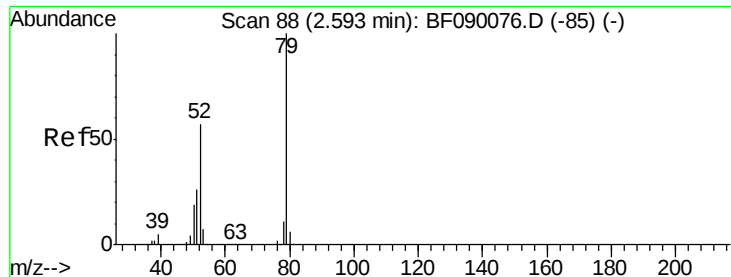
Tgt Ion: 152 Resp: 169877
 Ion Ratio Lower Upper
 152 100
 150 158.1 128.9 193.3
 115 70.7 55.5 83.3



#2
 1,4-Dioxane
 Concen: 37.09 ng
 RT: 2.01 min Scan# 37
 Delta R.T. 0.02 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion: 88 Resp: 204565
 Ion Ratio Lower Upper
 88 100
 58 66.3 53.4 80.0
 43 22.0 16.5 24.7





#3

Pyridine

Concen: 34.02 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.02 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

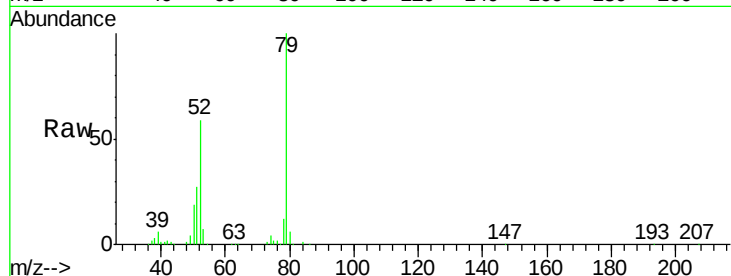
Tgt Ion: 79 Resp: 469163

Ion Ratio Lower Upper

79 100

52 58.6 45.9 68.9

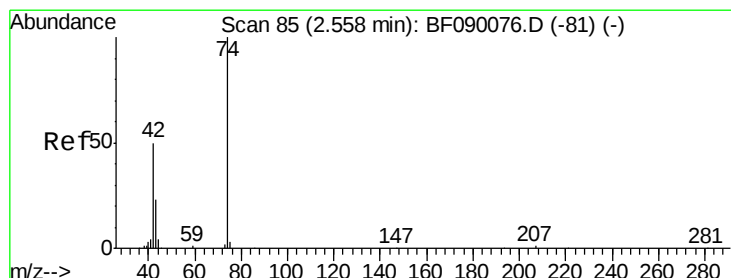
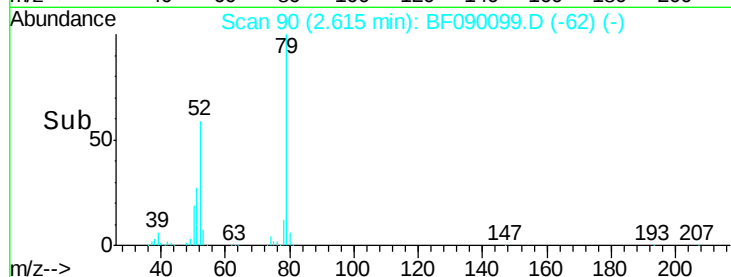
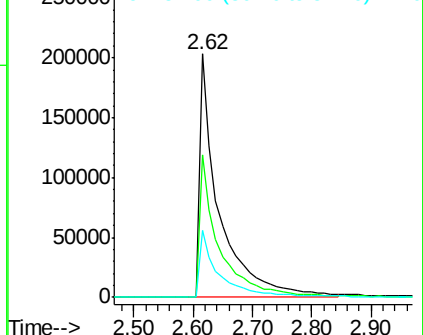
51 27.5 21.3 31.9



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: 46.25 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

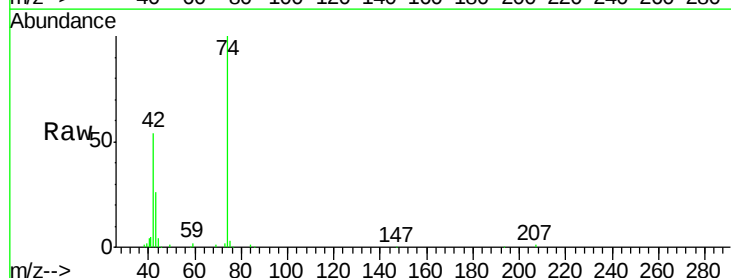
Tgt Ion: 42 Resp: 206302

Ion Ratio Lower Upper

42 100

74 184.5 158.7 238.1

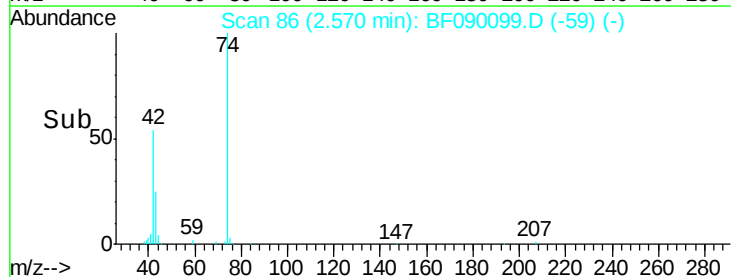
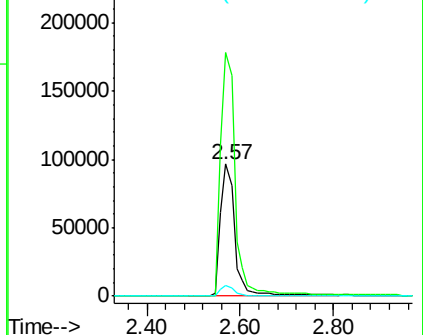
44 8.3 6.4 9.6

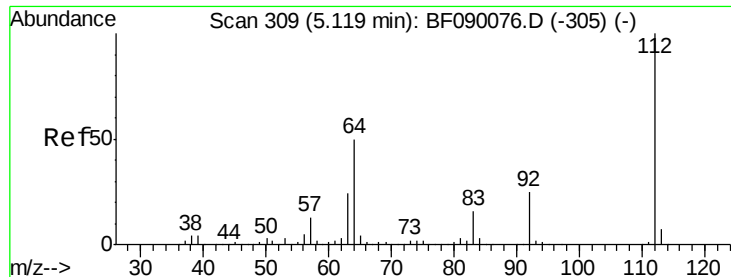


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.76 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

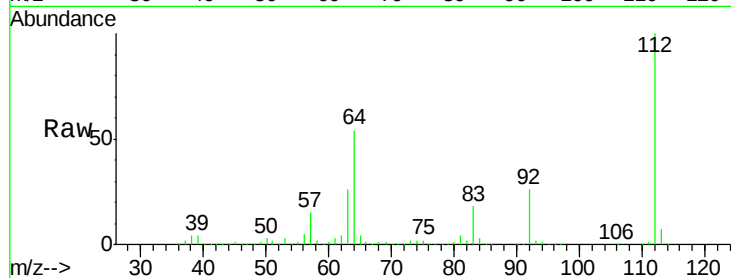
Tgt Ion: 112 Resp: 1391694

Ion Ratio Lower Upper

112 100

64 54.0 39.8 59.6

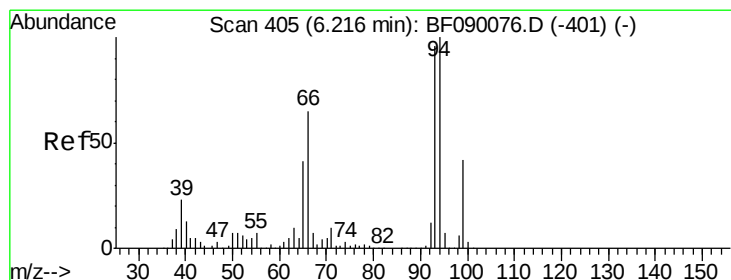
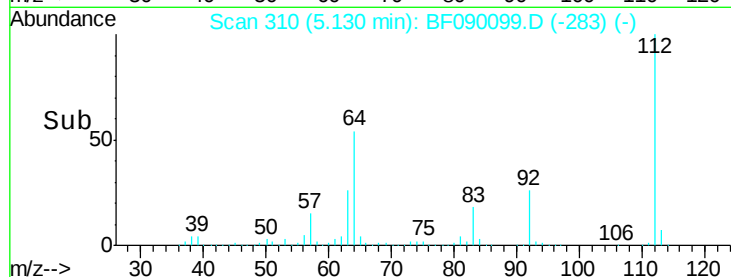
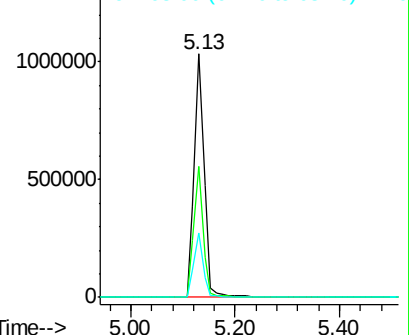
63 26.3 18.9 28.3



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: 56.94 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.09 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

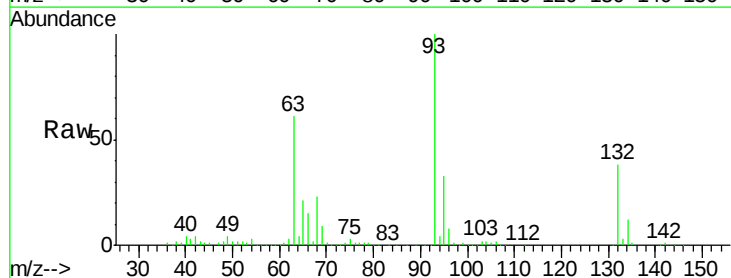
Tgt Ion: 93 Resp: 977266

Ion Ratio Lower Upper

93 100

66 14.8 54.2 81.2#

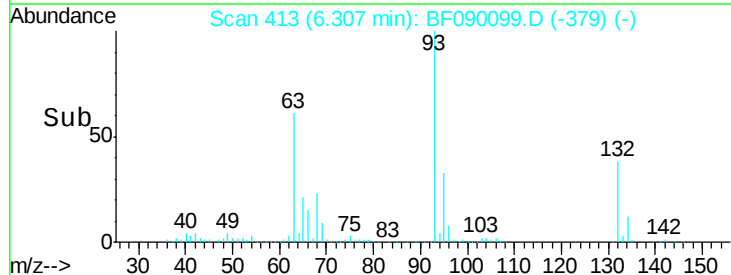
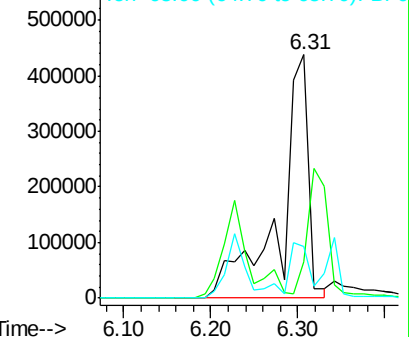
65 21.2 33.8 50.6#

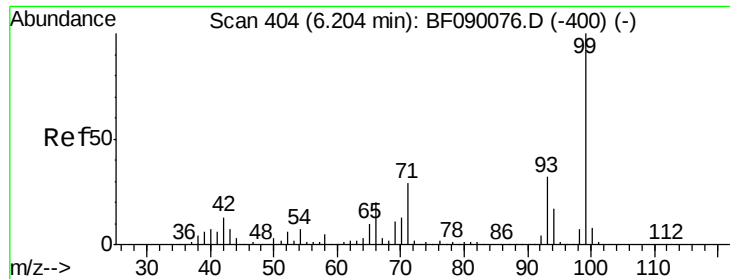


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.08 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

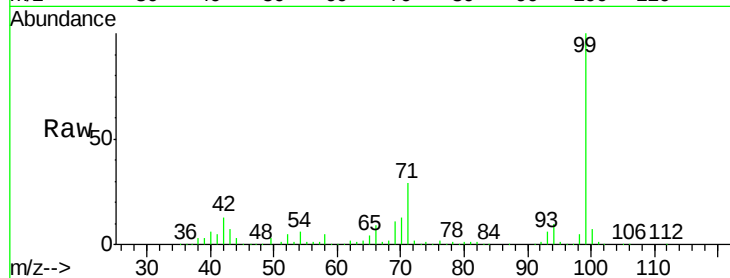
Tgt Ion: 99 Resp: 1937040

Ion Ratio Lower Upper

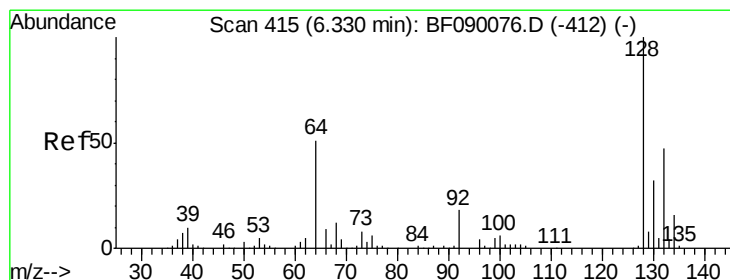
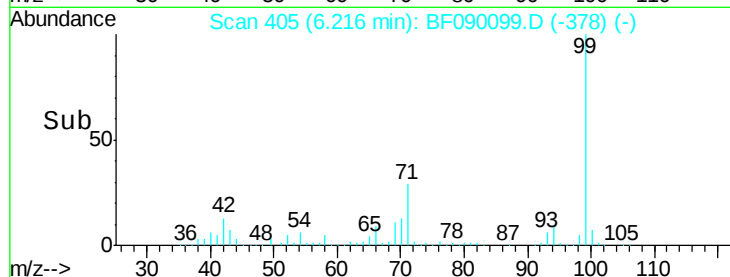
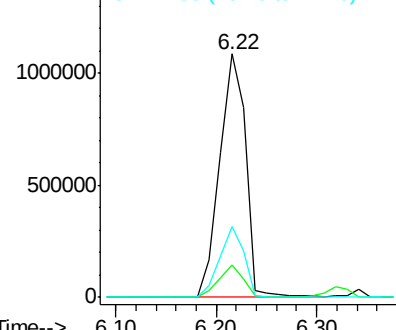
99 100

42 13.1 10.6 15.8

71 29.3 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: 46.53 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

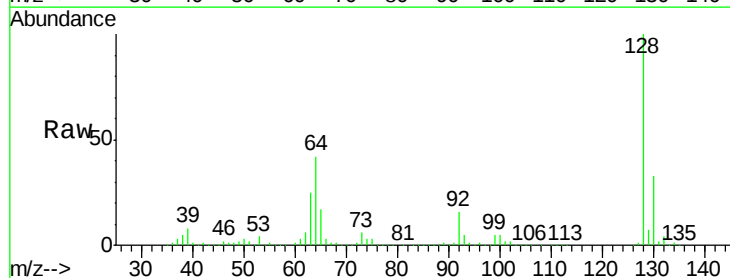
Tgt Ion: 128 Resp: 566252

Ion Ratio Lower Upper

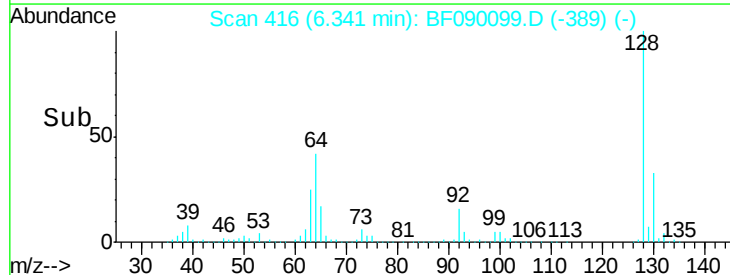
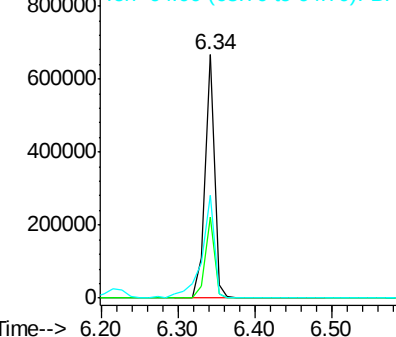
128 100

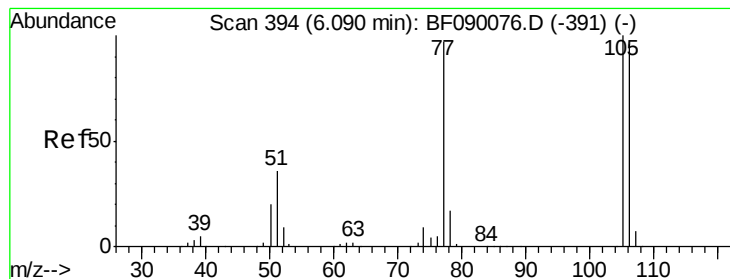
130 33.3 12.0 52.0

64 42.1 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: 8.78 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

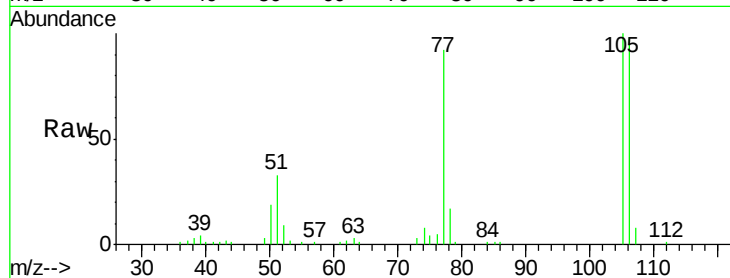
Tgt Ion: 77 Resp: 64678

Ion Ratio Lower Upper

77 100

105 109.1 83.0 123.0

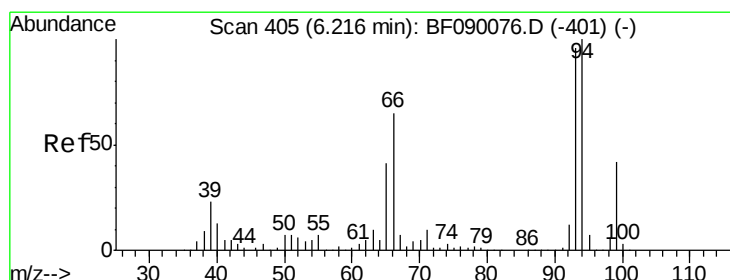
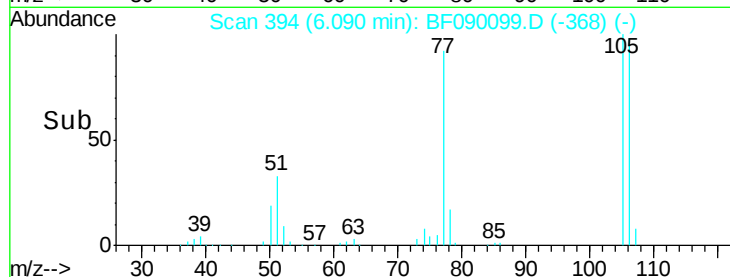
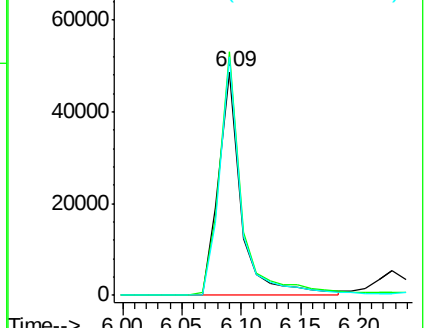
106 106.7 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.91 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

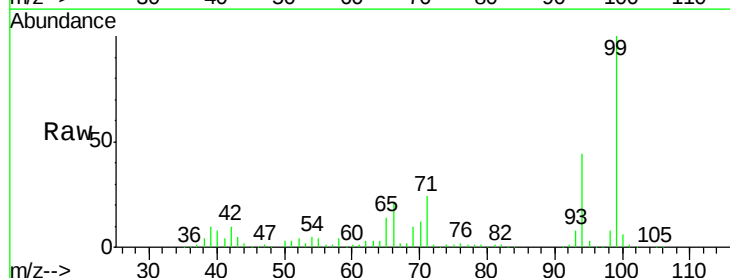
Tgt Ion: 94 Resp: 557402

Ion Ratio Lower Upper

94 100

65 31.1 20.6 60.6

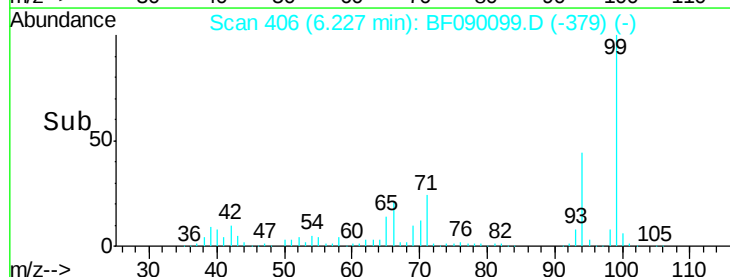
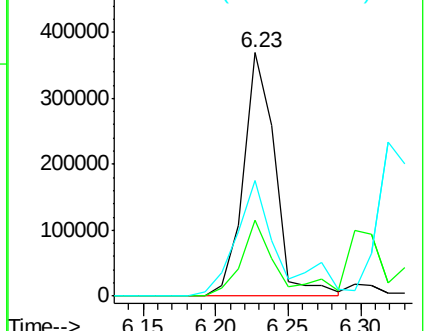
66 47.7 45.1 85.1

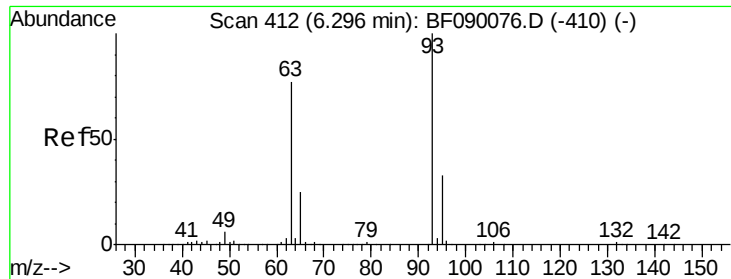


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

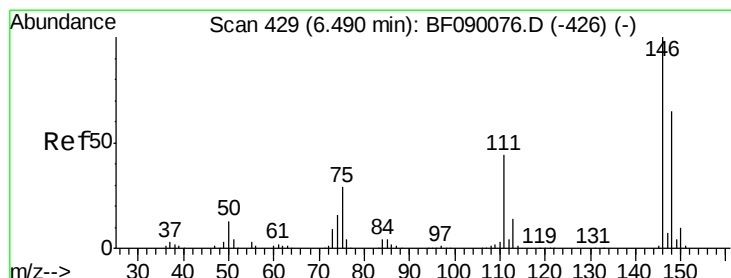
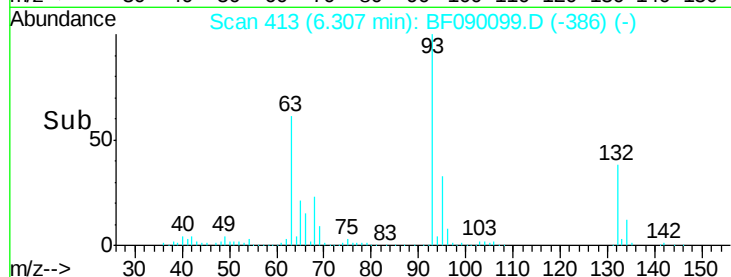
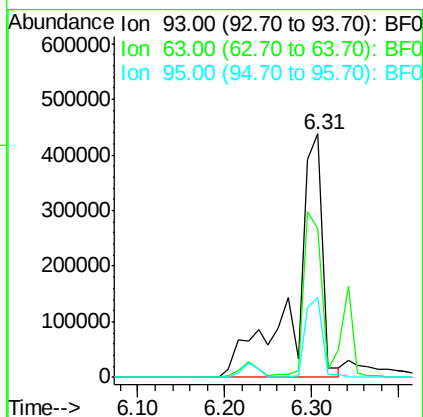
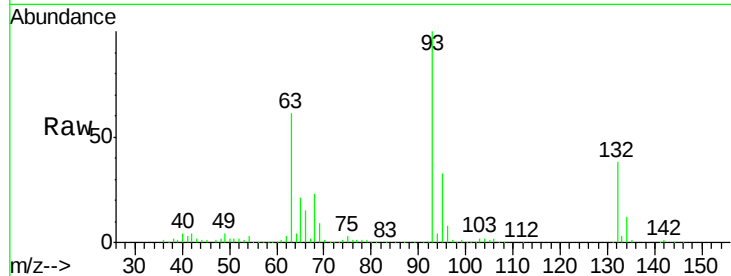




#11
bis(2-Chloroethyl)ether
Concen: 78.51 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

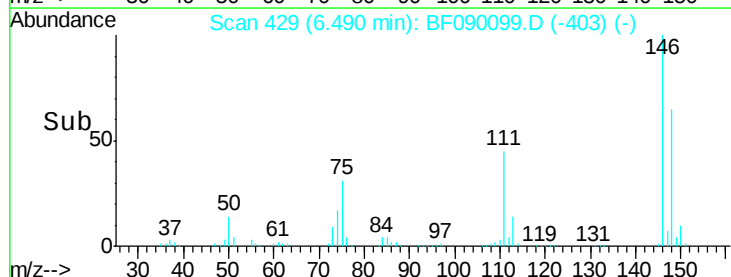
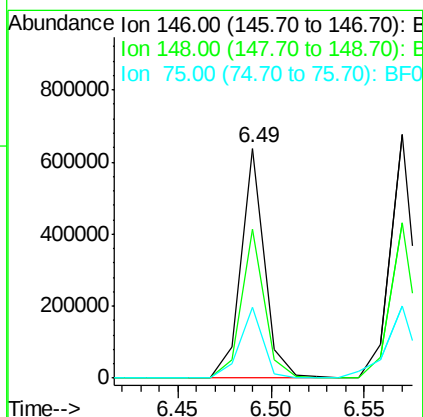
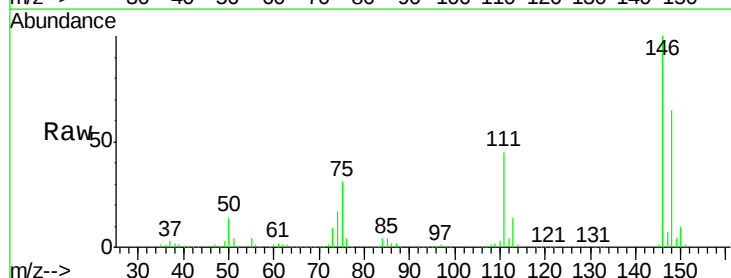
Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

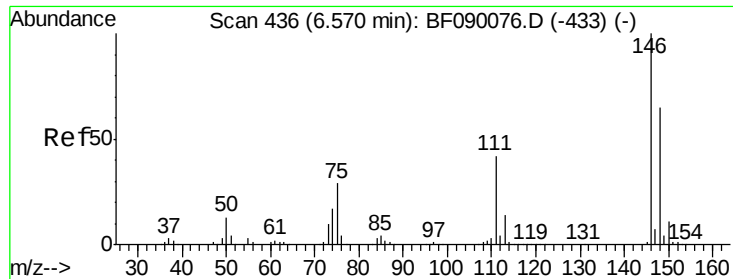
Tgt Ion: 93 Resp: 977266
Ion Ratio Lower Upper
93 100
63 61.0 55.6 95.6
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.73 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion: 146 Resp: 559918
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 30.7 22.8 34.2

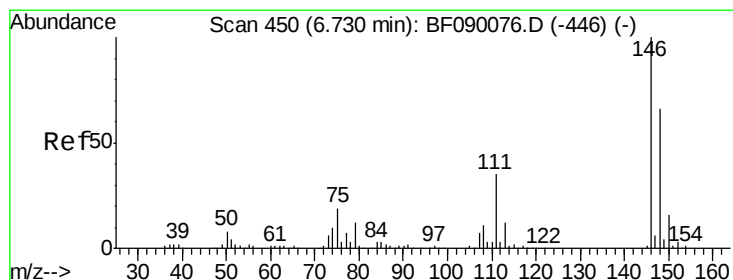
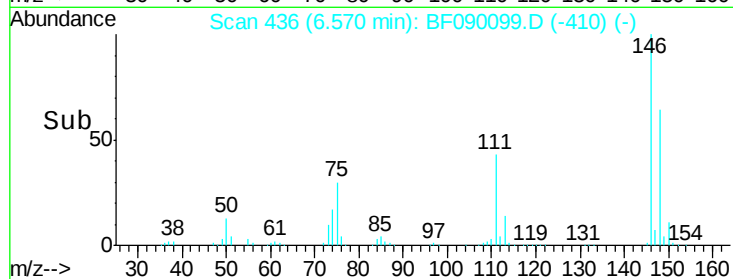
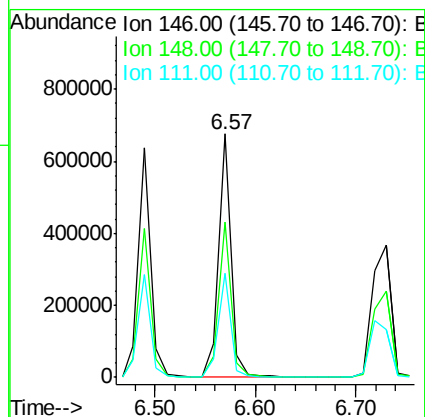
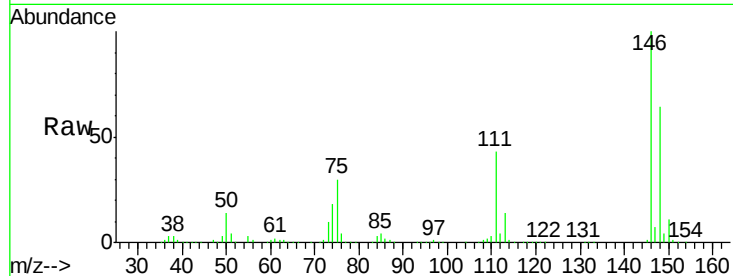




#13
 1,4-Dichlorobenzene
 Concen: 45.59 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

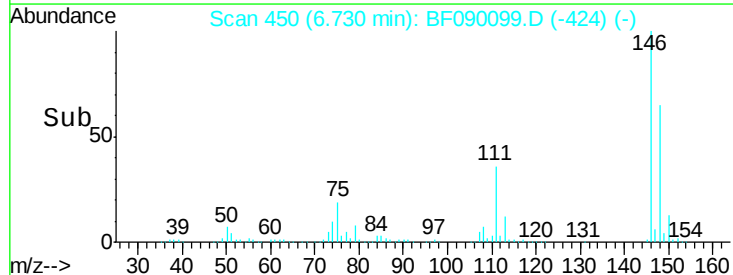
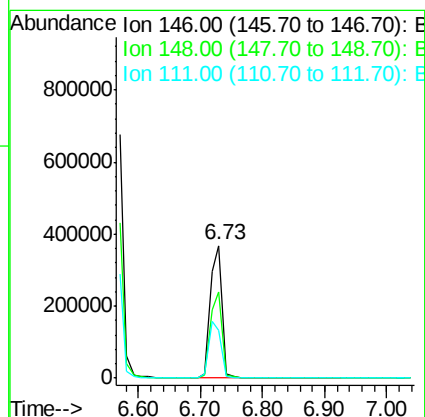
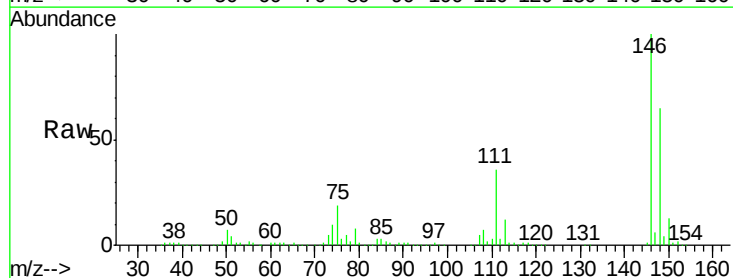
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

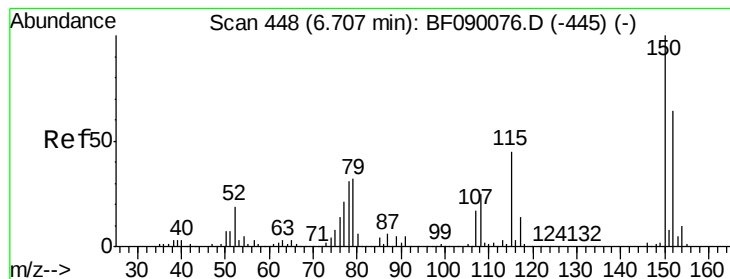
Tgt Ion:146 Resp: 589180
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.0 78.0
 111 42.7 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 40.91 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:146 Resp: 480413
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.6 79.0
 111 35.8 28.2 42.2





#15

Benzyl Alcohol

Concen: 52.61 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

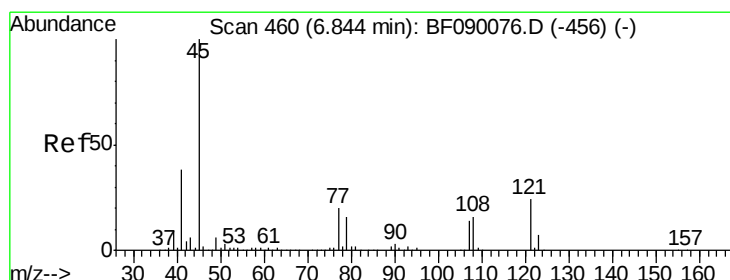
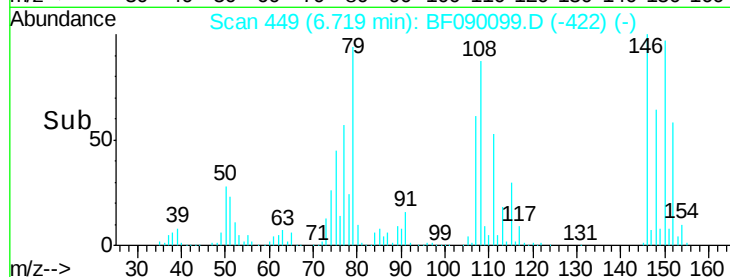
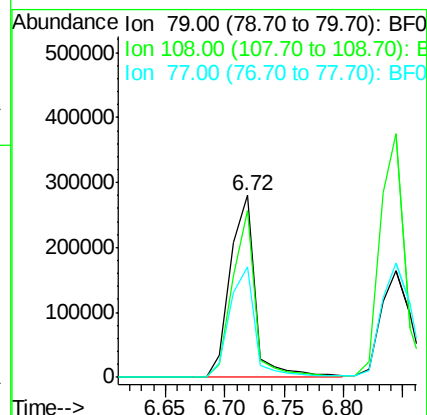
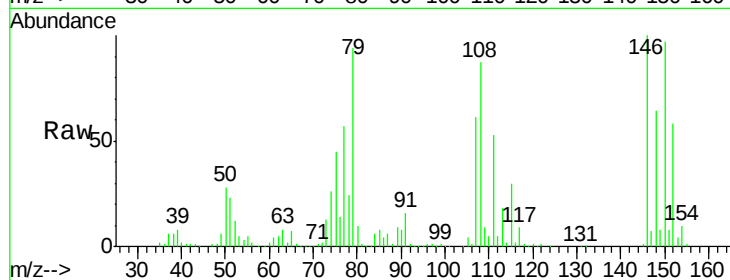
Tgt Ion: 79 Resp: 409671

Ion Ratio Lower Upper

79 100

108 92.0 62.2 93.4

77 61.0 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.97 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

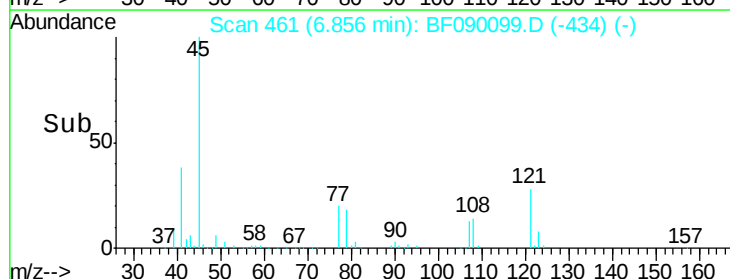
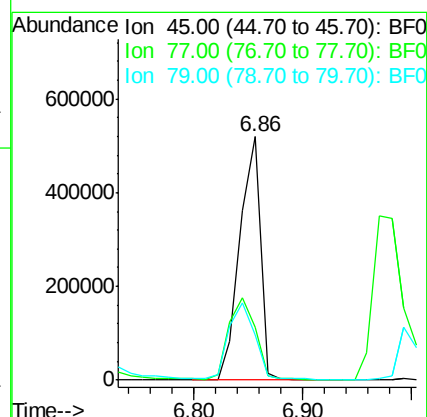
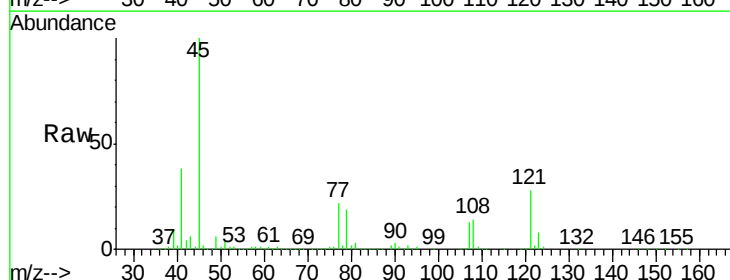
Tgt Ion: 45 Resp: 678093

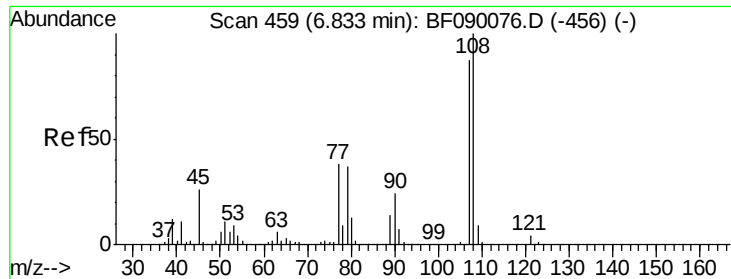
Ion Ratio Lower Upper

45 100

77 21.6 0.5 40.5

79 18.7 0.0 37.0

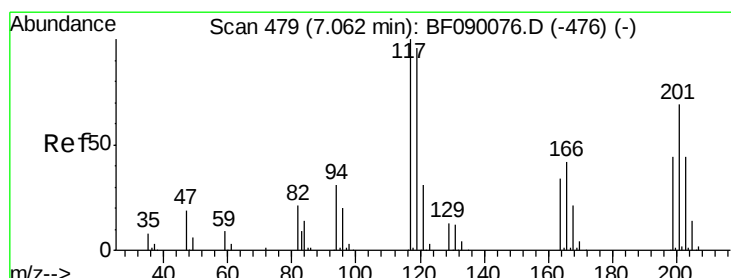
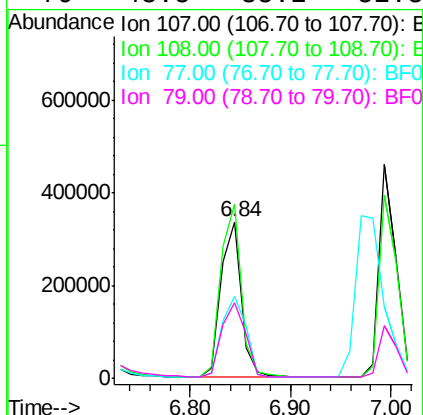
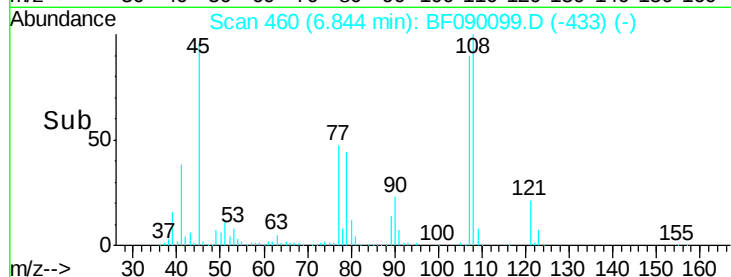
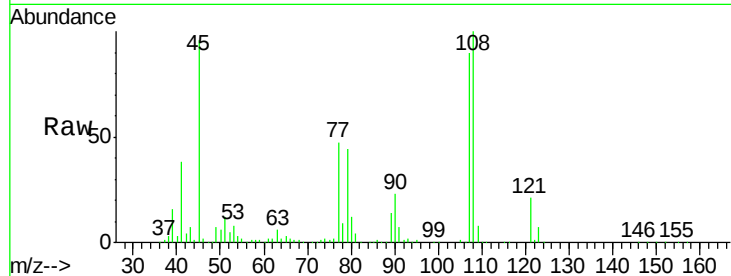




#17
2-Methylphenol
Concen: 47.80 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

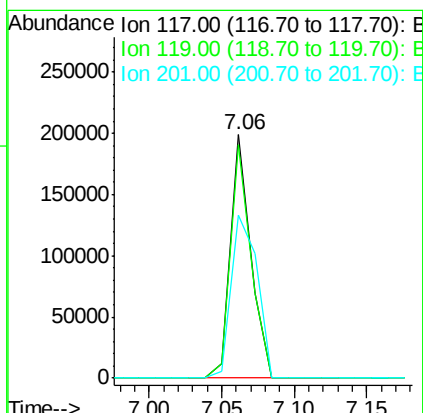
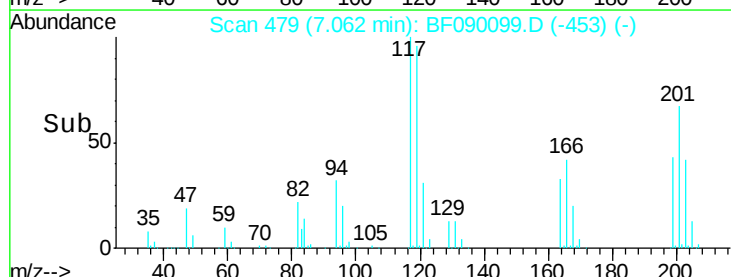
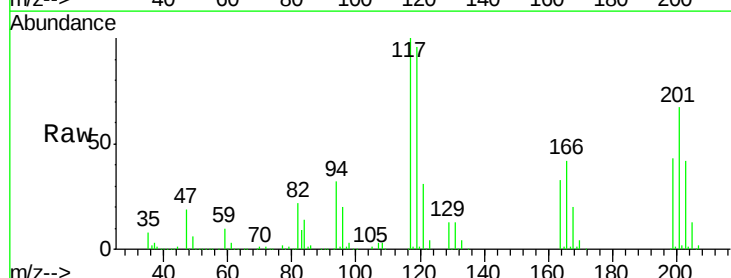
Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

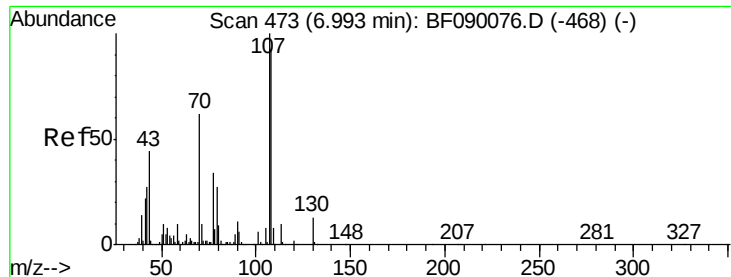
Tgt Ion:107 Resp: 475827
Ion Ratio Lower Upper
107 100
108 111.1 92.0 138.0
77 52.5 35.6 53.4
79 48.5 35.2 52.8



#18
Hexachloroethane
Concen: 41.10 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion:117 Resp: 192738
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
201 66.7 55.5 83.3

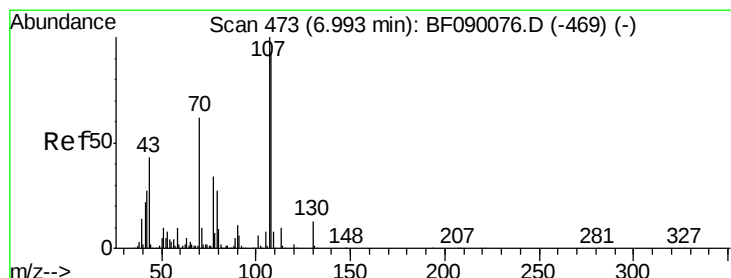
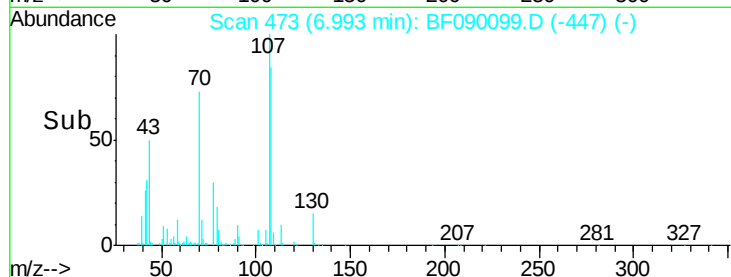
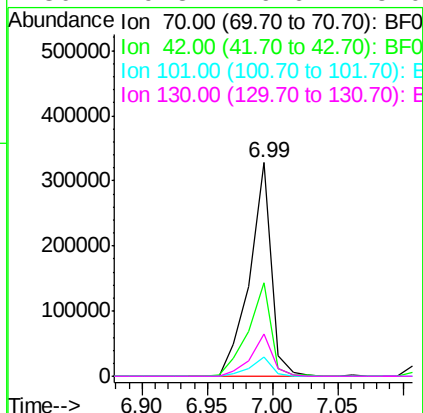
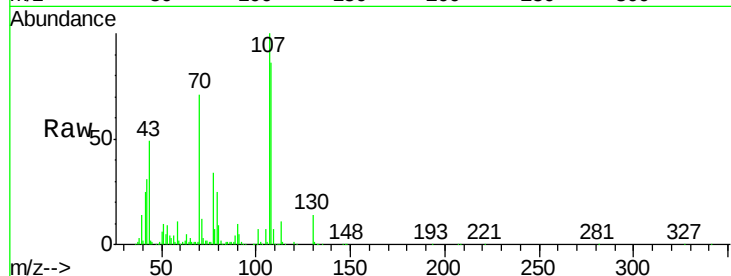




#19
n-Nitroso-di-n-propylamine
Concen: 44.20 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

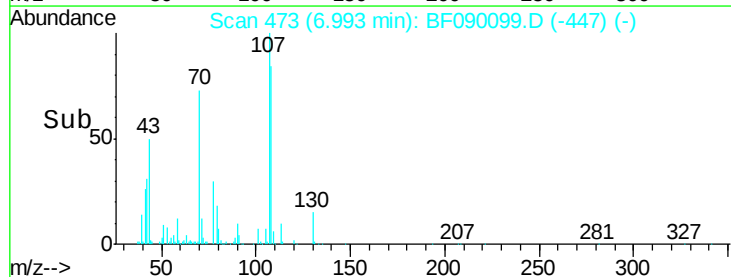
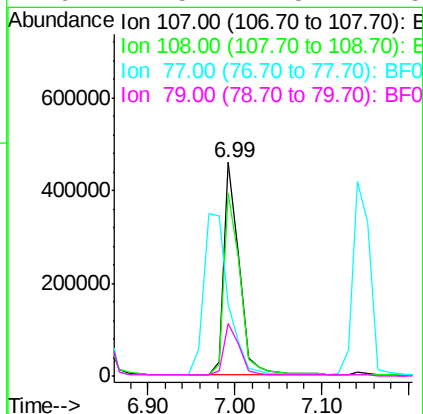
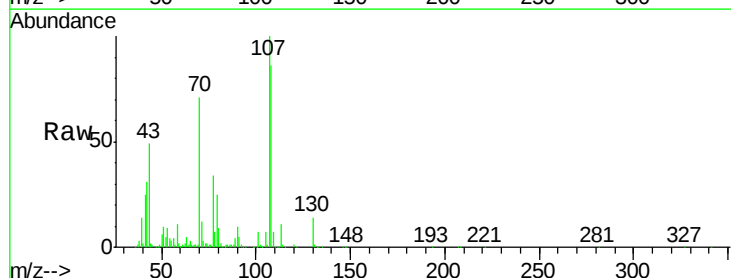
Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

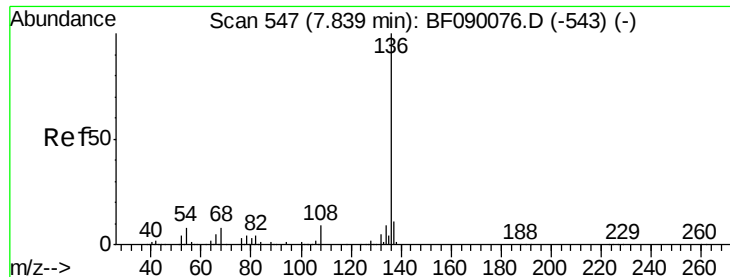
Tgt Ion:	70	Resp:	379839
Ion	Ratio	Lower	Upper
70	100		
42	43.6	35.1	52.7
101	9.3	7.5	11.3
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 47.42 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion:	107	Resp:	573043
Ion	Ratio	Lower	Upper
107	100		
108	85.5	73.3	113.3
77	33.6	14.1	54.1
79	24.5	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion:136 Resp: 663436

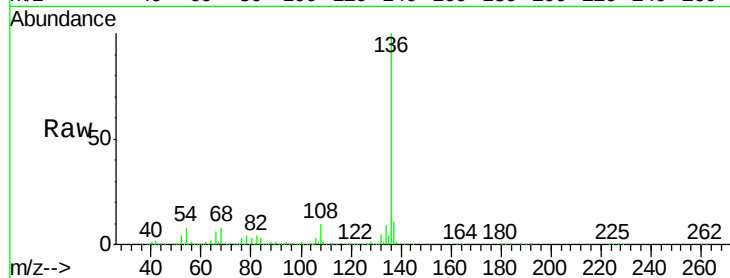
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.2 6.4 9.6

68 7.9 6.3 9.5

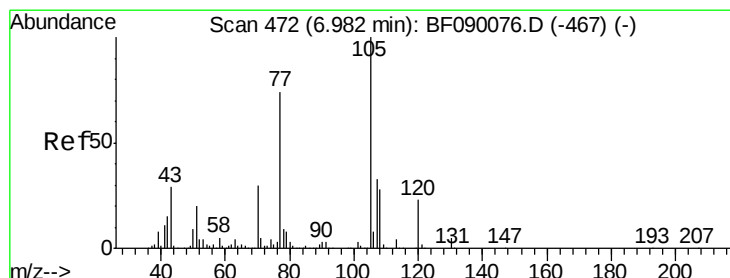
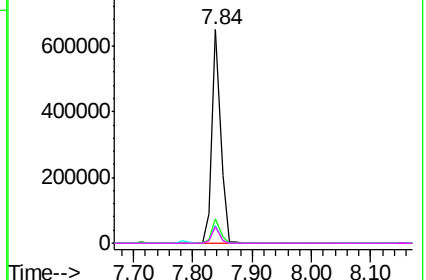
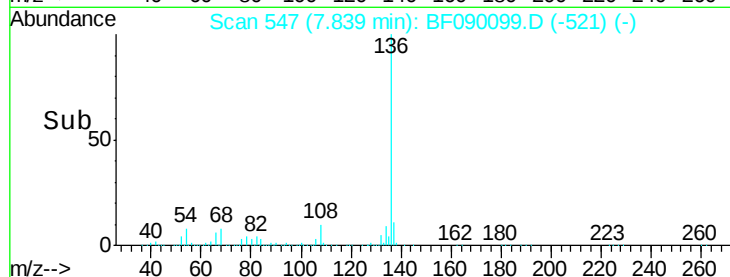


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.32 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Tgt Ion:105 Resp: 759920

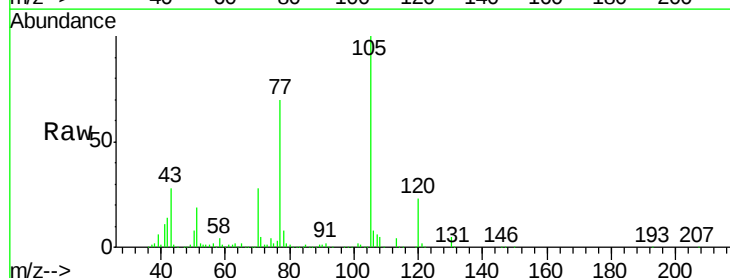
Ion Ratio Lower Upper

105 100

71 4.6 4.1 6.1

51 18.8 16.2 24.2

120 22.5 18.2 27.2

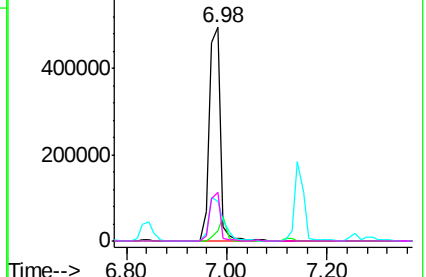
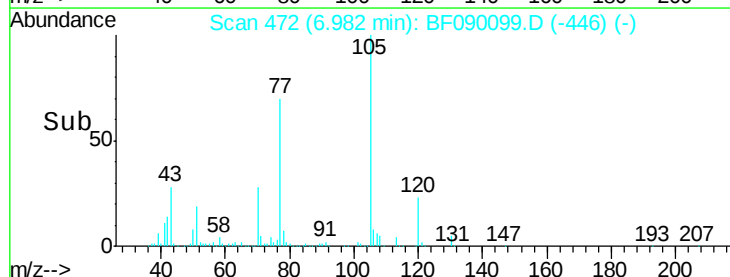


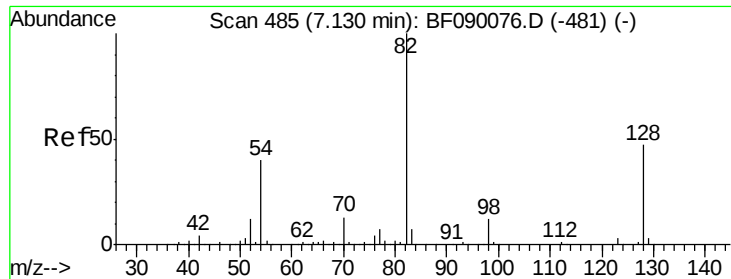
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

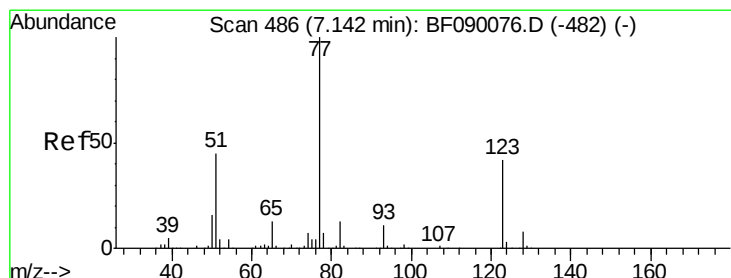
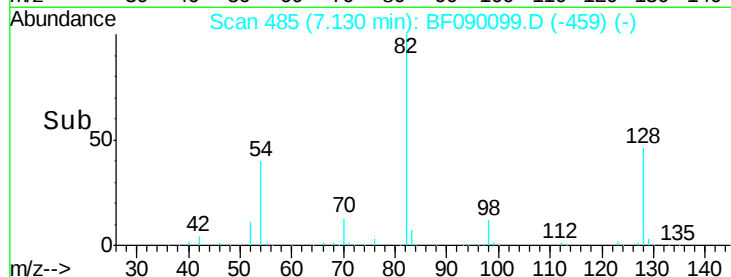
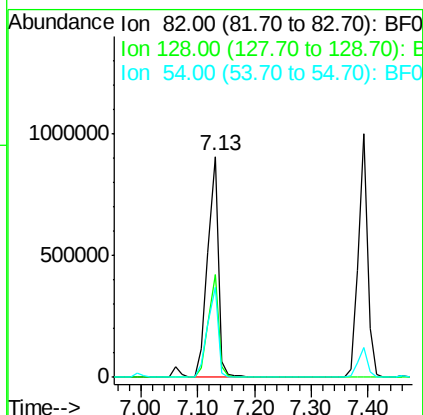
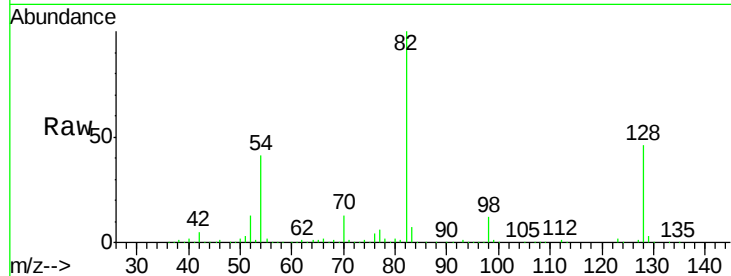




#23
 Nitrobenzene-d5
 Concen: 95.93 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

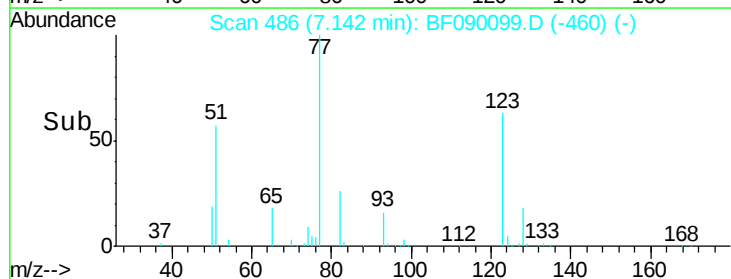
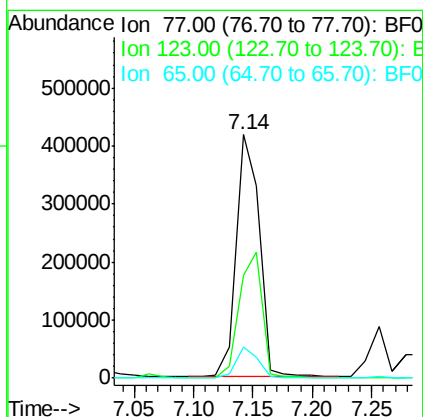
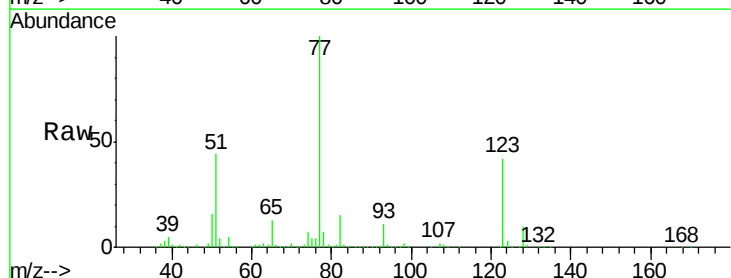
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

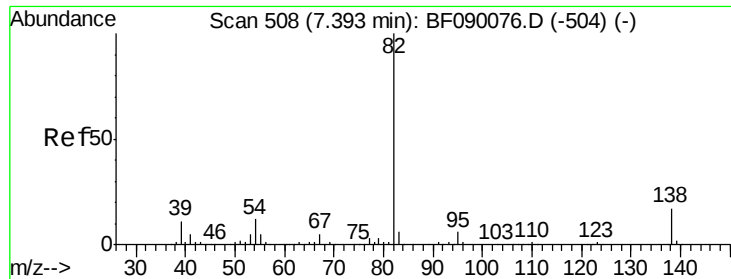
Tgt Ion: 82 Resp: 1131899
 Ion Ratio Lower Upper
 82 100
 128 46.2 37.5 56.3
 54 40.8 31.9 47.9



#24
 Nitrobenzene
 Concen: 45.59 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion: 77 Resp: 566636
 Ion Ratio Lower Upper
 77 100
 123 42.3 33.4 50.2
 65 12.6 10.1 15.1





#25

Isophorone

Concen: 46.68 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

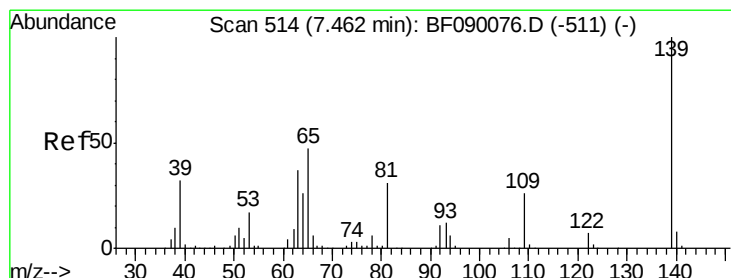
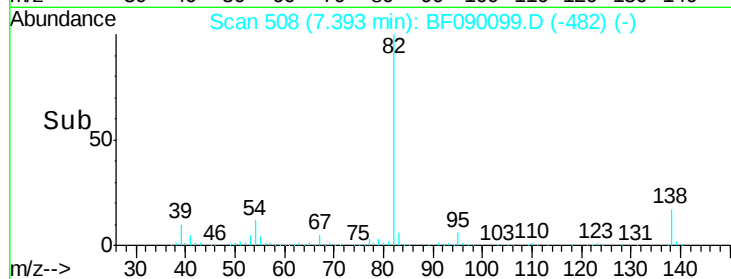
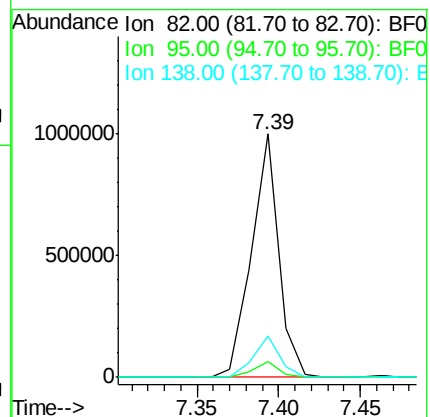
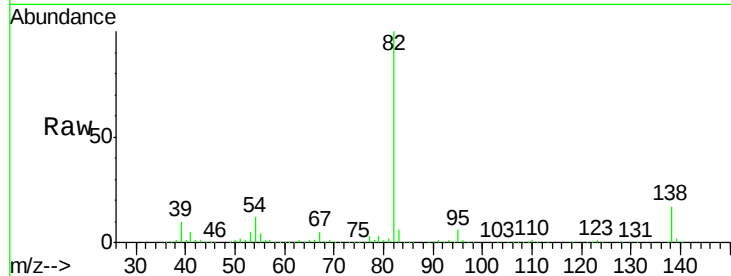
Tgt Ion: 82 Resp: 1153319

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 17.3 13.5 20.3



#26

2-Nitrophenol

Concen: 48.47 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

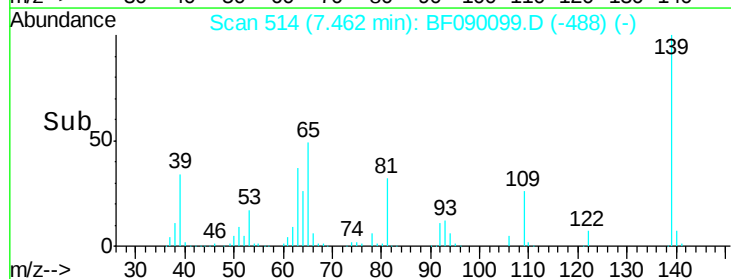
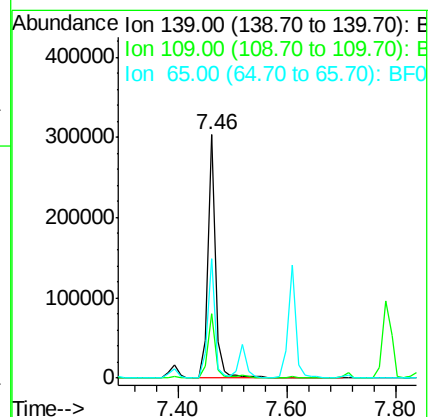
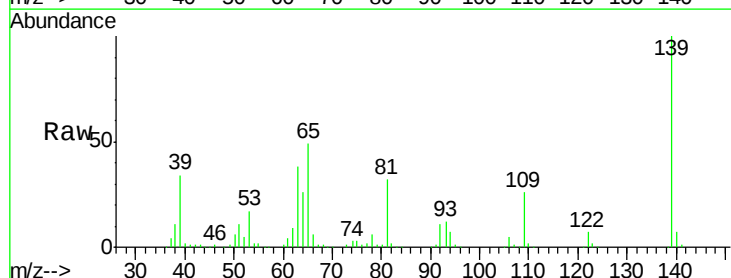
Tgt Ion: 139 Resp: 292131

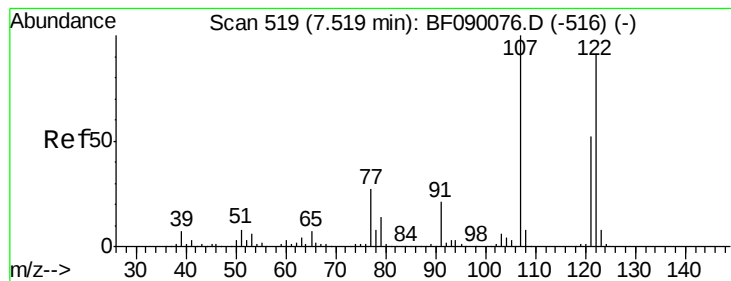
Ion Ratio Lower Upper

139 100

109 26.3 20.5 30.7

65 49.2 37.9 56.9

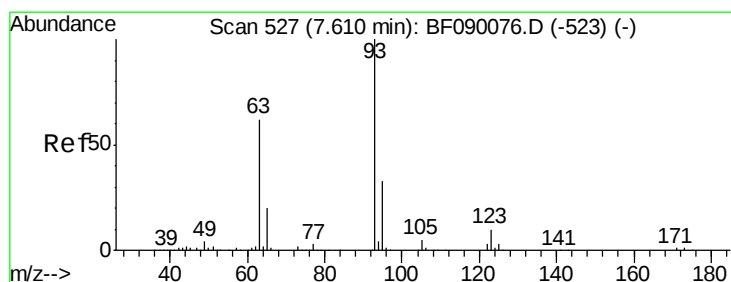
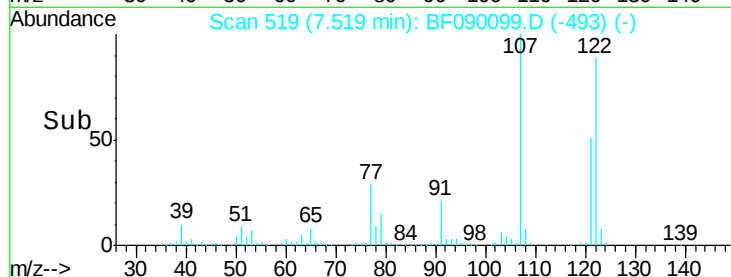
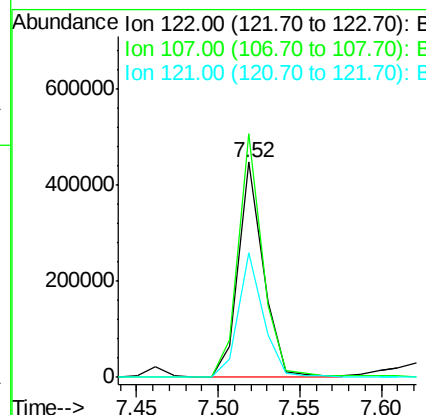
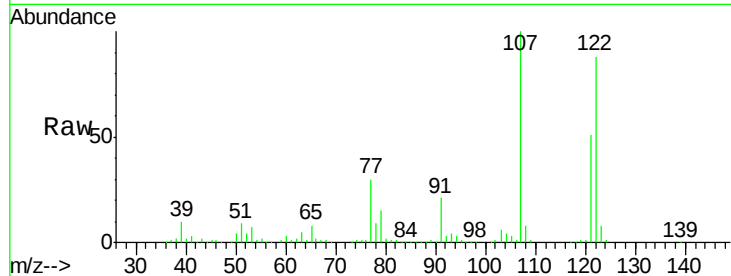




#27
 2,4-Dimethylphenol
 Concen: 45.19 ng
 RT: 7.52 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

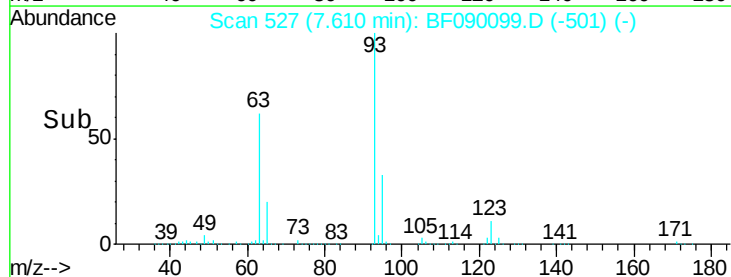
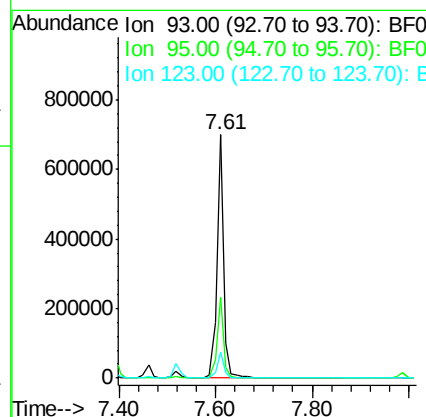
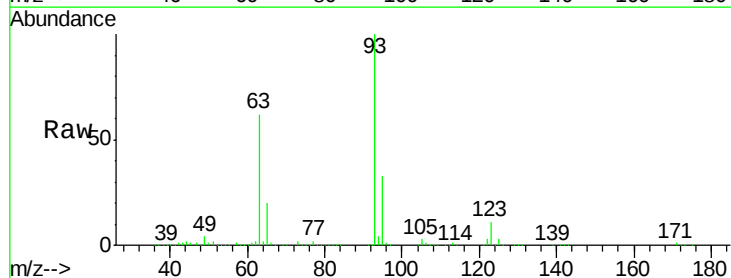
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

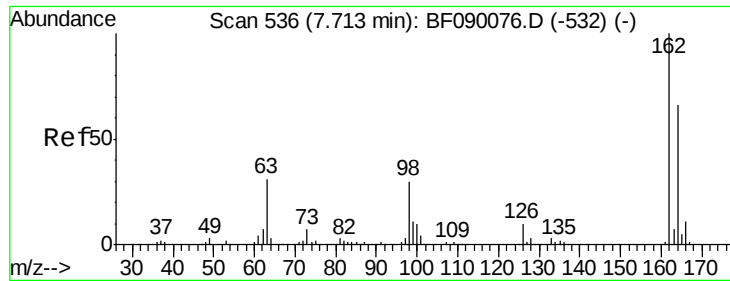
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.1	87.8	131.6
121	57.7	45.7	68.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.74 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	10.8	8.5	12.7

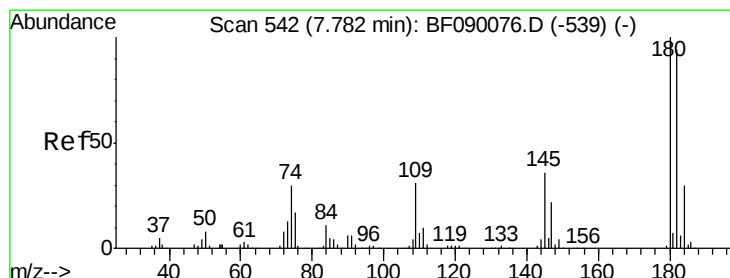
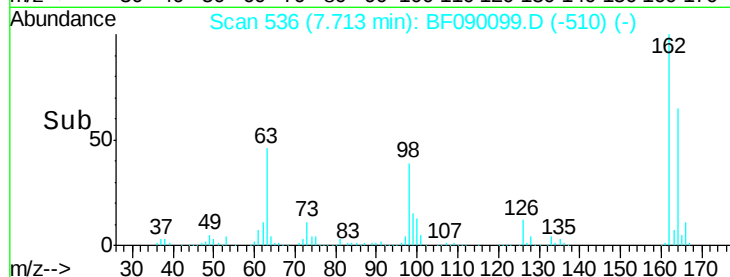
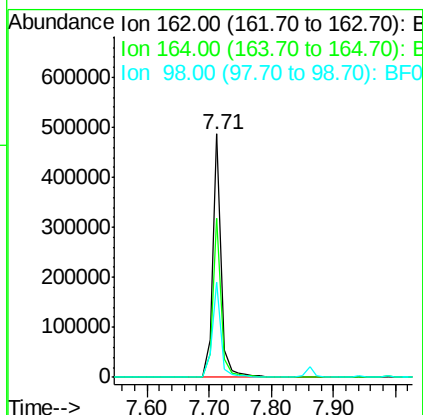
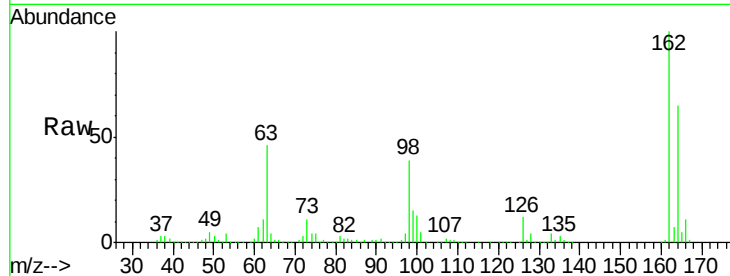




#29
 2,4-Dichlorophenol
 Concen: 48.70 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

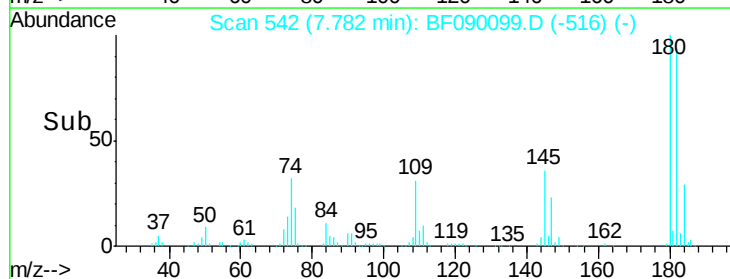
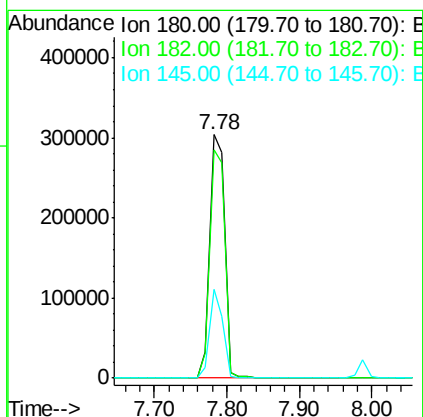
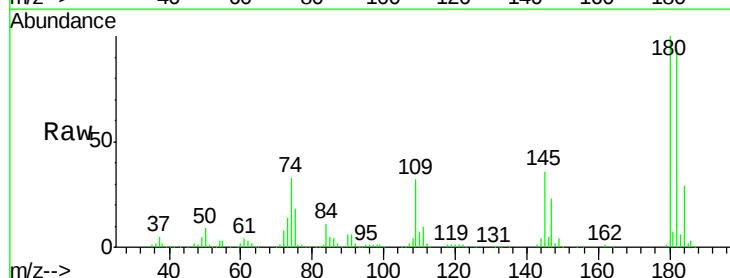
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

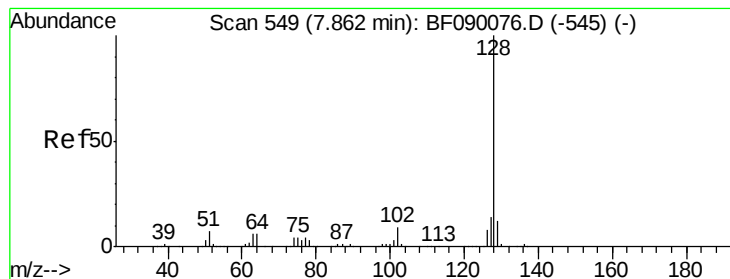
Tgt Ion:162 Resp: 456144
 Ion Ratio Lower Upper
 162 100
 164 65.5 46.2 86.2
 98 38.9 10.4 50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 47.11 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:180 Resp: 435289
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.0 112.6
 145 36.3 28.6 42.8





#31

Naphthalene

Concen: 43.92 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

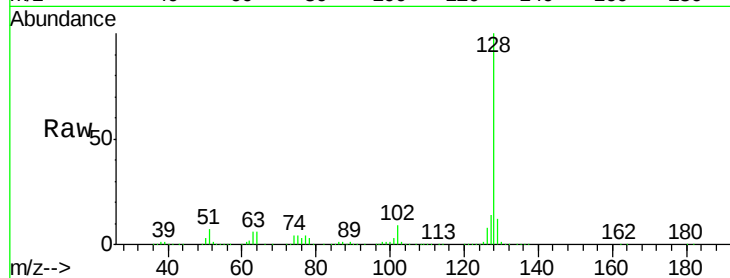
Tgt Ion:128 Resp: 1432420

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

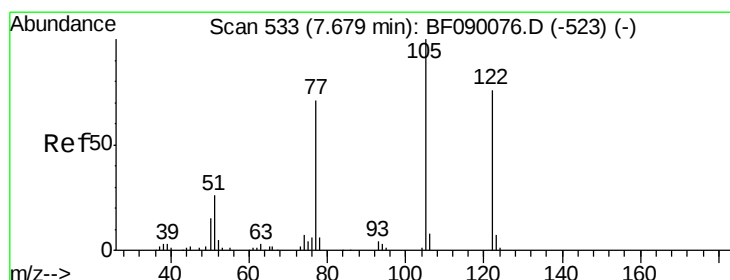
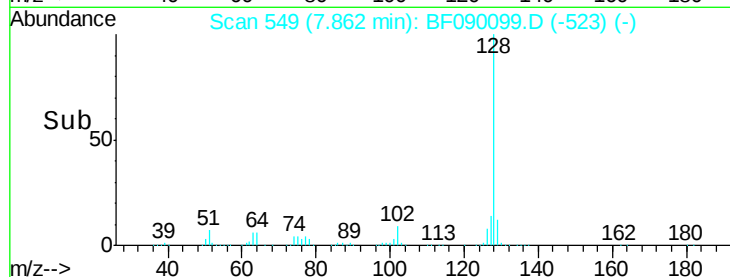
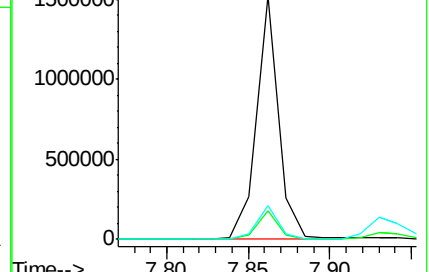
127 13.8 10.8 16.2



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: 8.26 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

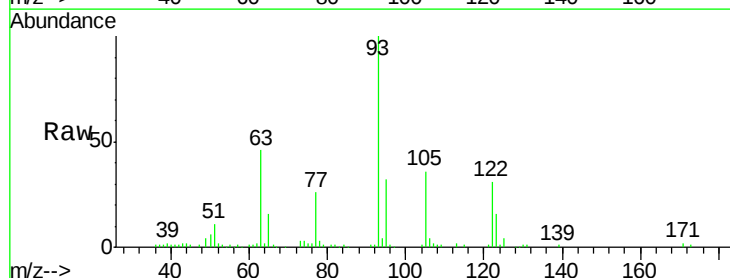
Tgt Ion:122 Resp: 61479

Ion Ratio Lower Upper

122 100

105 115.6 105.0 145.0

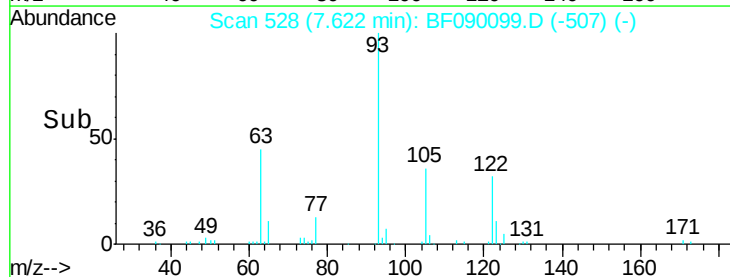
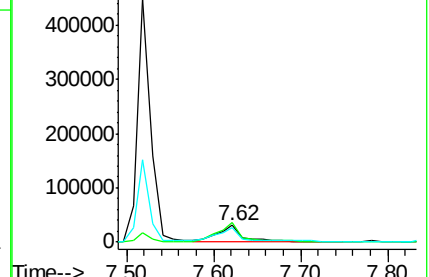
77 85.8 70.4 110.4

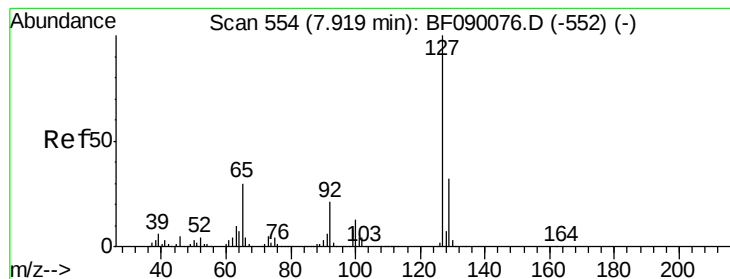


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.61 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion:127 Resp: 244463

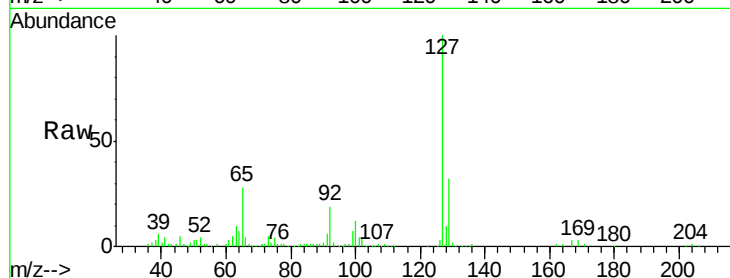
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.6

65 27.9 24.1 36.1

92 18.7 16.3 24.5

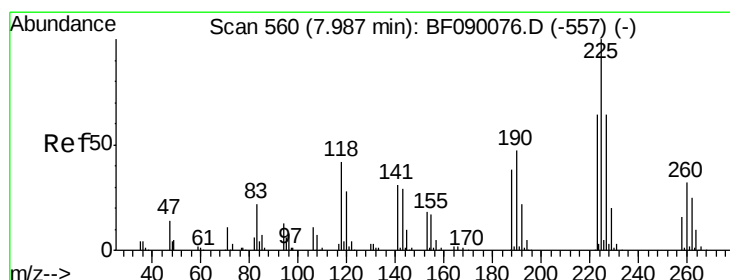
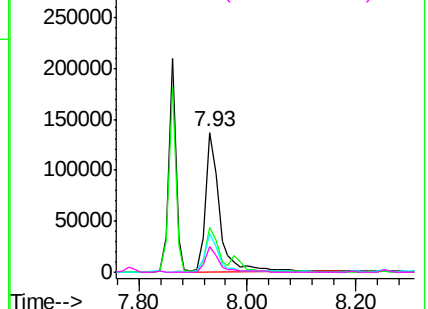
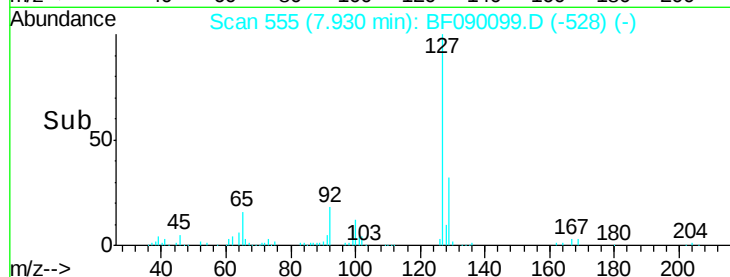


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.13 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

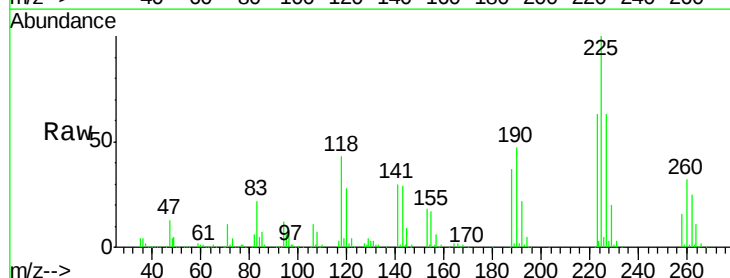
Tgt Ion:225 Resp: 208803

Ion Ratio Lower Upper

225 100

223 63.4 51.3 76.9

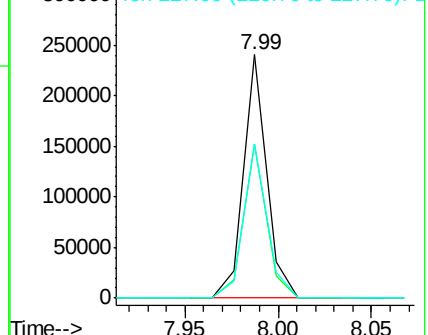
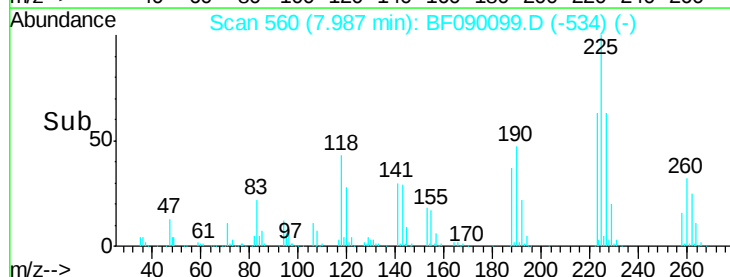
227 63.4 51.4 77.0

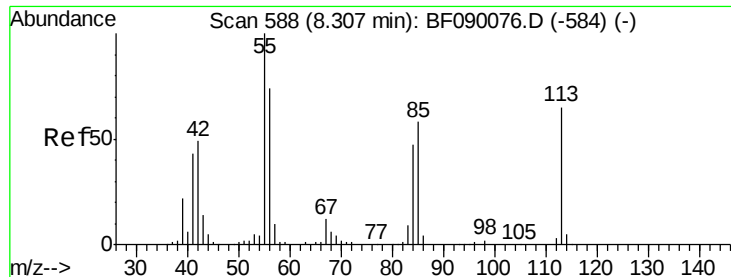


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.06 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

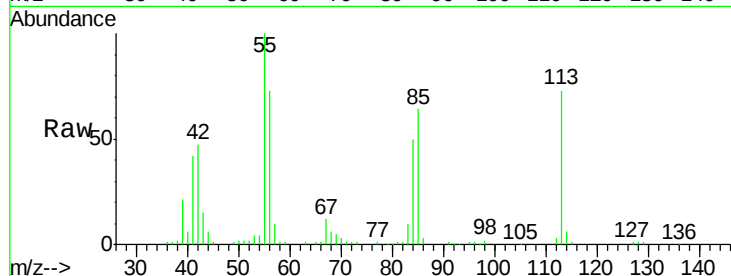
Tgt Ion:113 Resp: 106531

Ion Ratio Lower Upper

113 100

55 136.6 134.5 174.5

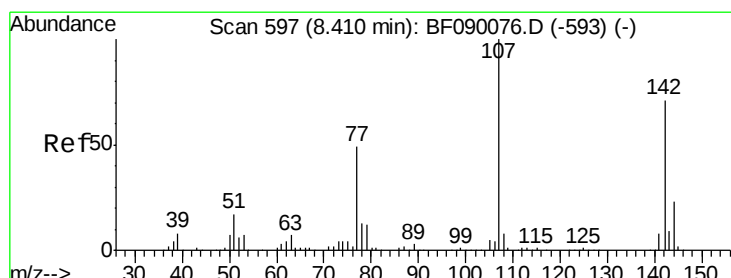
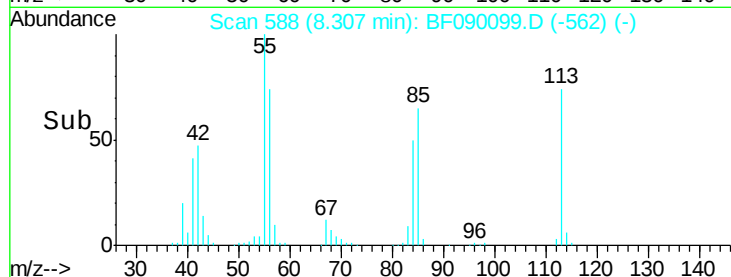
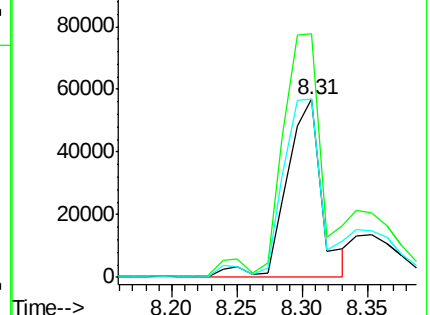
56 100.2 93.7 133.7



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: 43.40 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

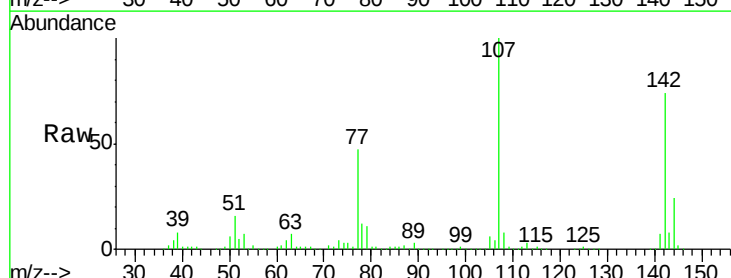
Tgt Ion:107 Resp: 471982

Ion Ratio Lower Upper

107 100

144 24.1 18.6 27.8

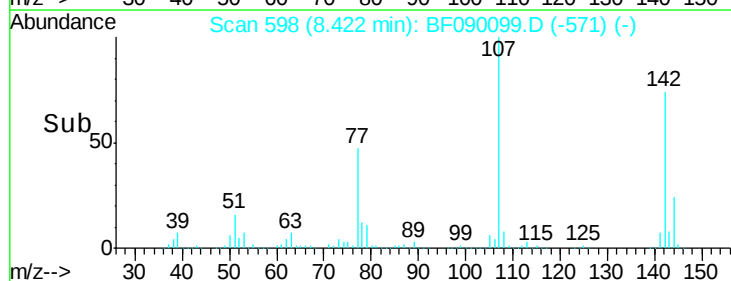
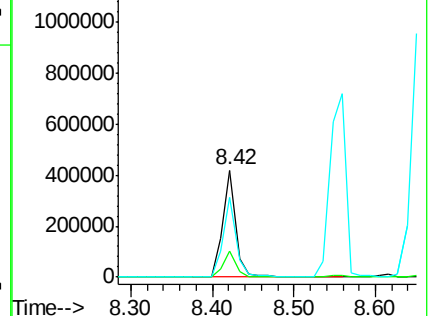
142 74.2 57.0 85.6

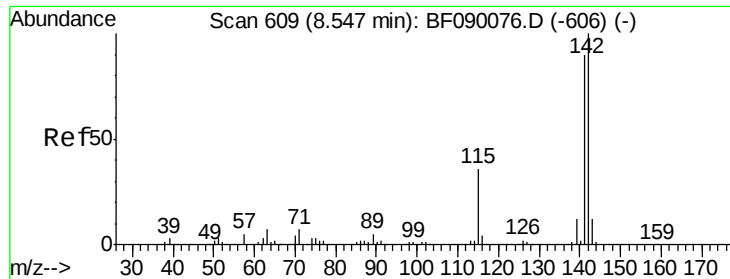


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

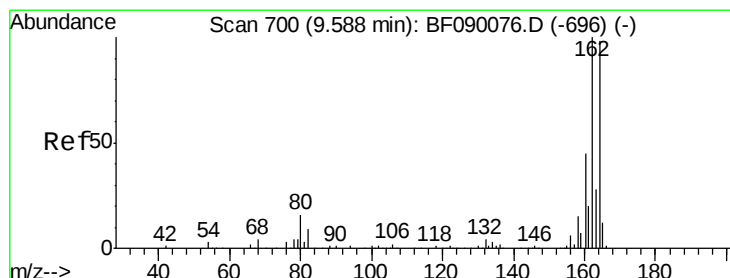
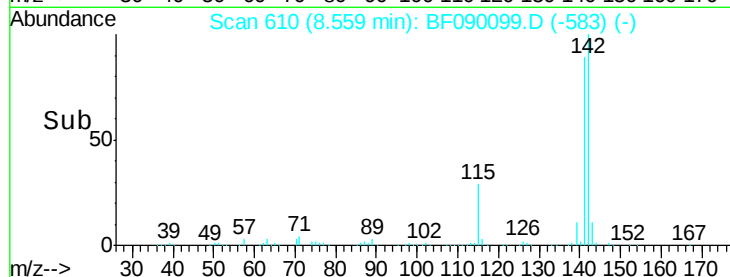
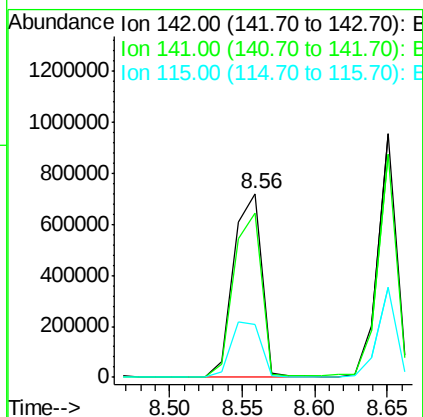
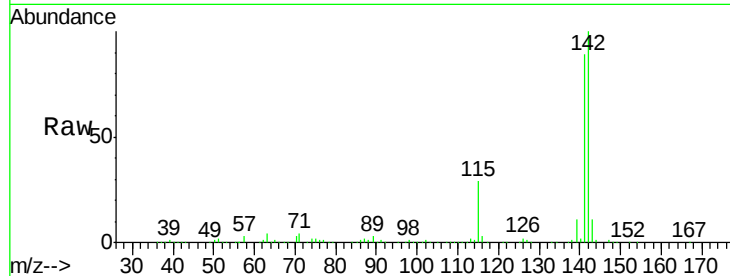




#37
 2-Methylnaphthalene
 Concen: 48.43 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

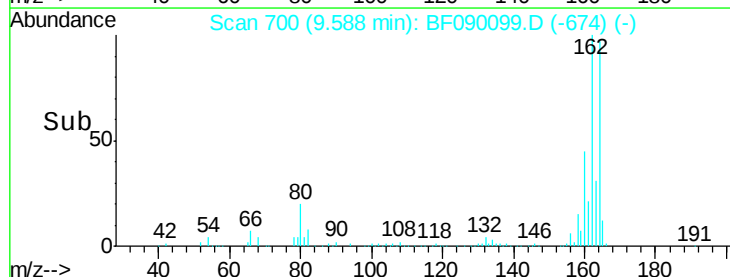
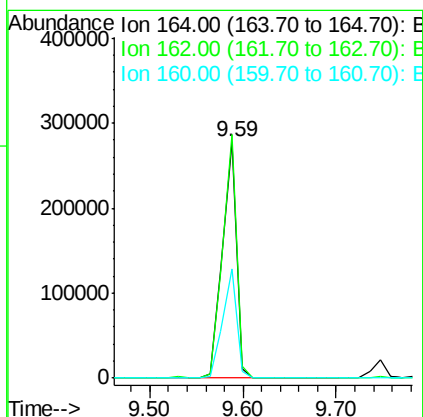
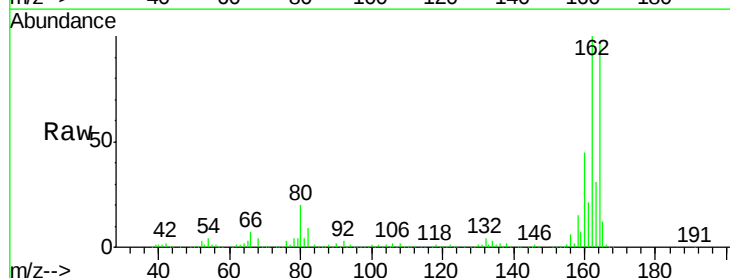
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

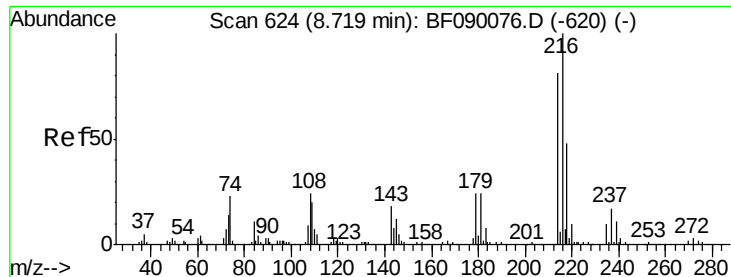
Tgt Ion:142 Resp: 979498
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.4 107.2
 115 29.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:164 Resp: 289618
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.4 122.2
 160 46.2 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.78 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

Tgt Ion:216 Resp: 318616

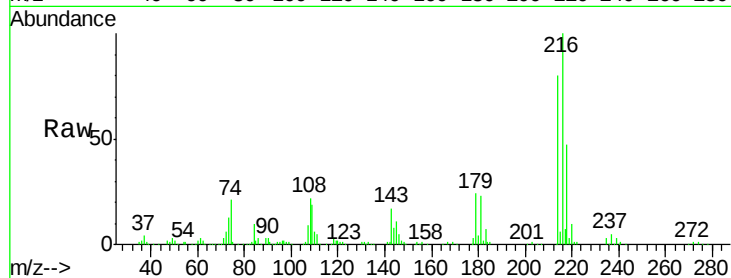
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 23.4 18.5 27.7

108 24.3 19.5 29.3

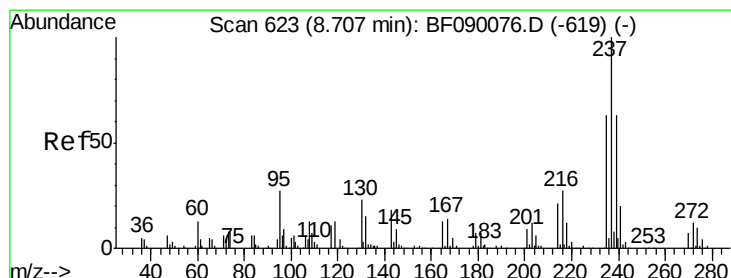
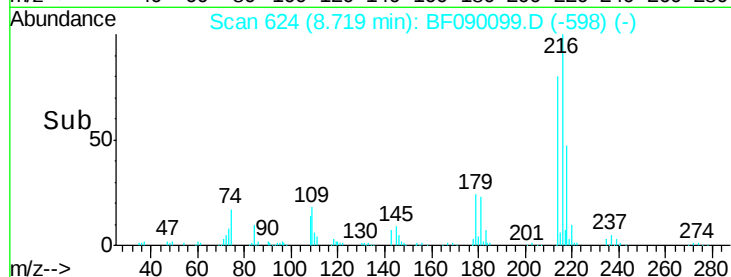
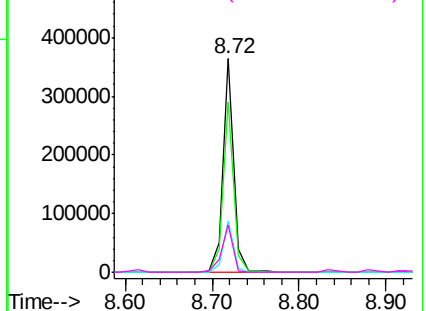


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.59 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

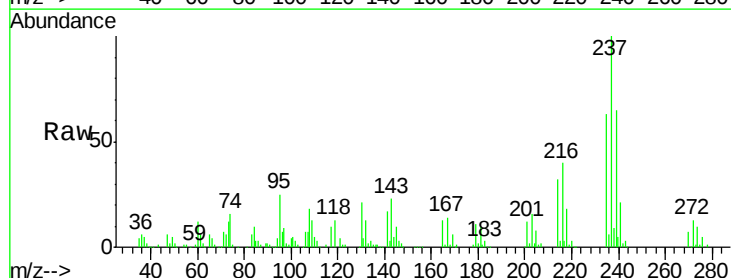
Tgt Ion:237 Resp: 110657

Ion Ratio Lower Upper

237 100

235 63.1 42.5 82.5

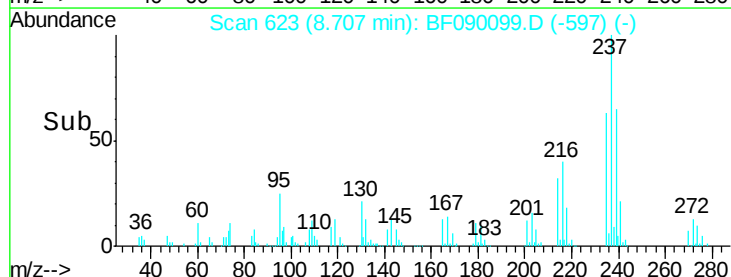
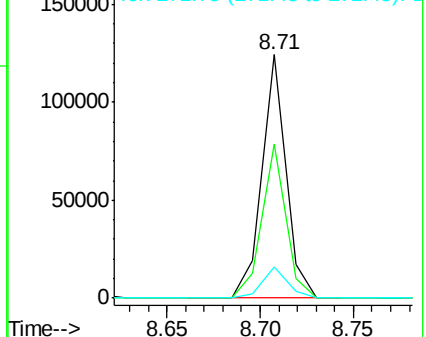
272 12.8 0.0 32.0

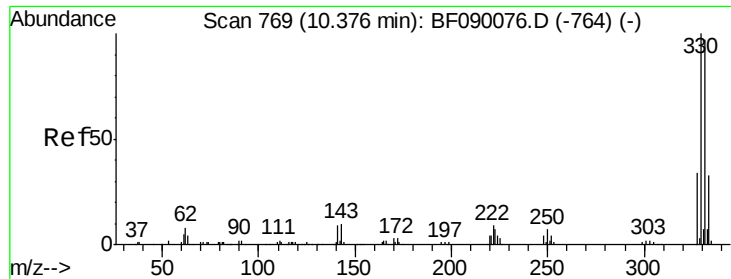


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

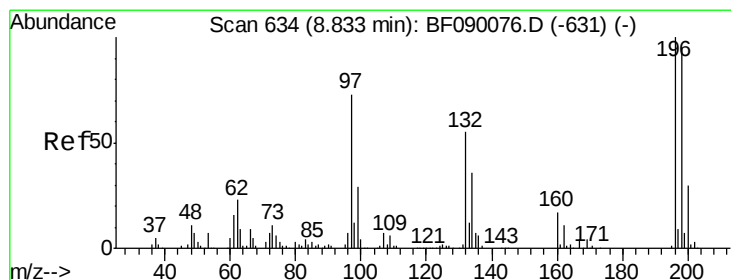
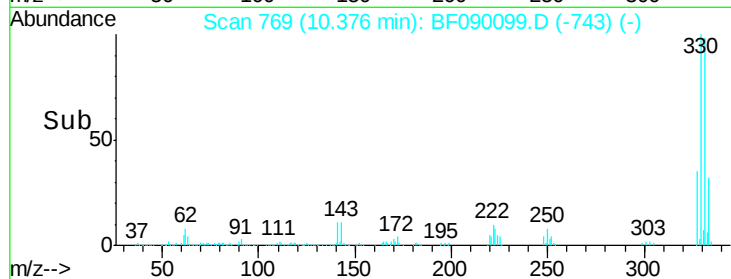
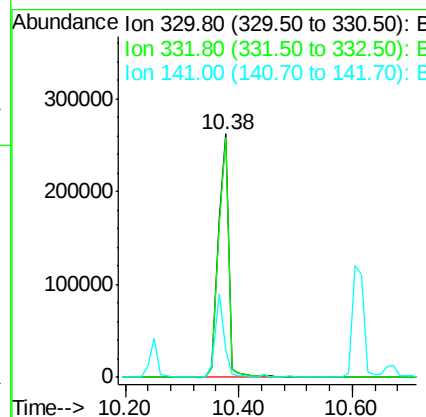
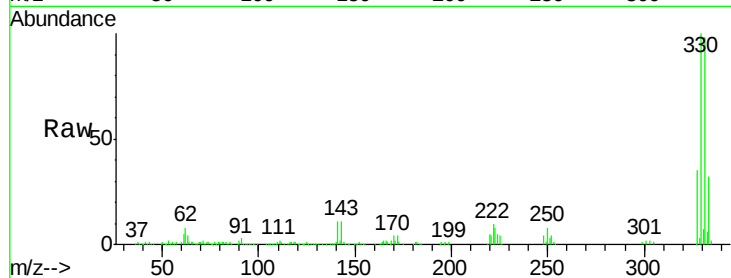




#41
 2,4,6-Tribromophenol
 Concen: 111.38 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

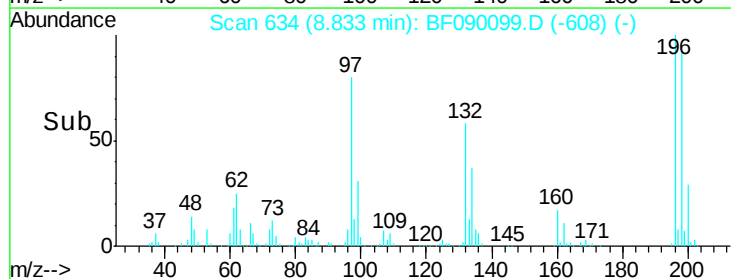
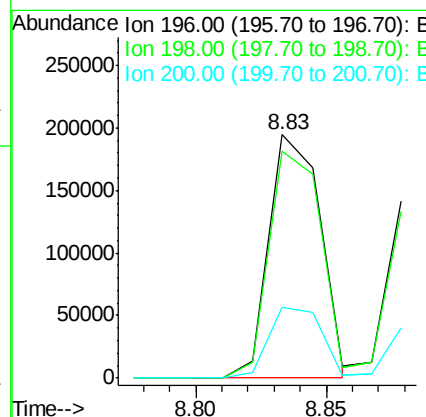
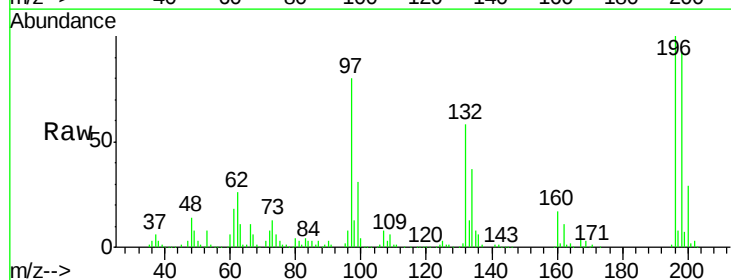
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

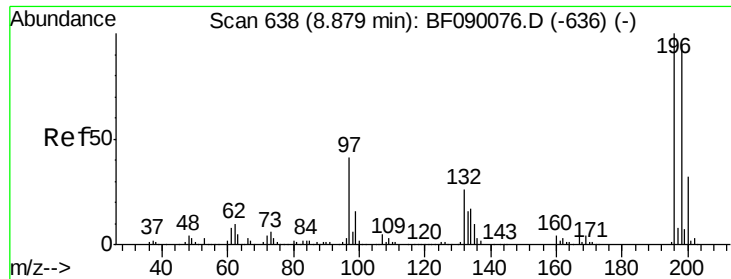
Tgt Ion:330 Resp: 324017
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.1 117.1
 141 28.7 23.9 35.9



#42
 2,4,6-Trichlorophenol
 Concen: 48.99 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:196 Resp: 264430
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.3 114.5
 200 29.3 24.1 36.1

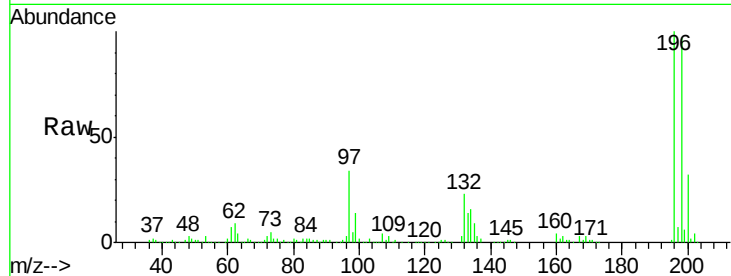




#43
 2,4,5-Trichlorophenol
 Concen: 47.42 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	114.8
97	34.0	34.4	51.6
132	23.2	22.2	33.2



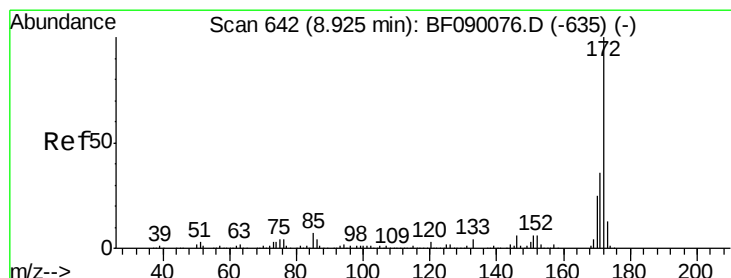
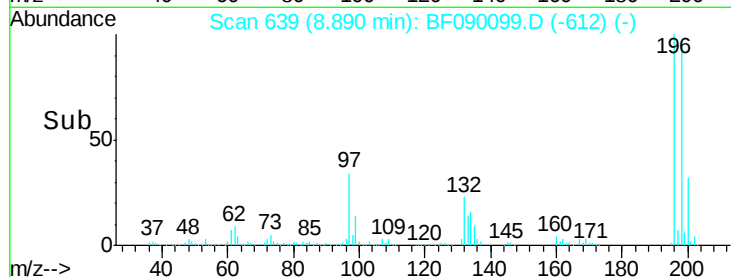
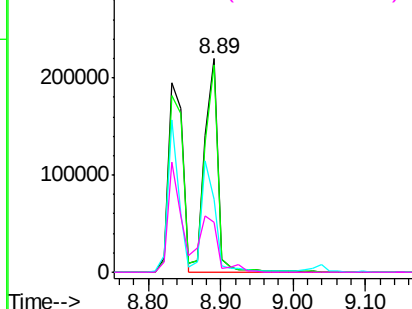
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

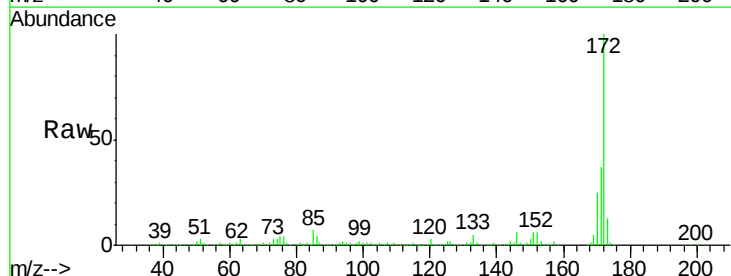
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.66 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.2	43.8
170	25.5	19.8	29.8

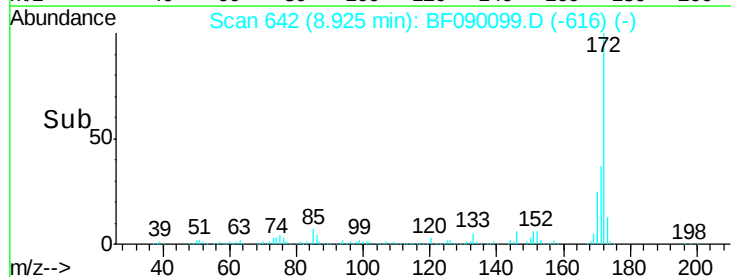
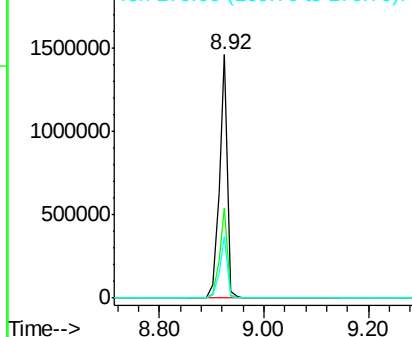


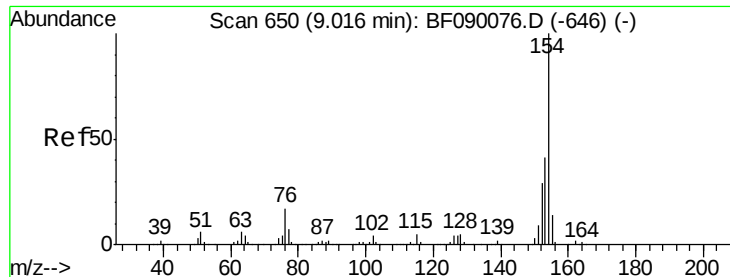
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

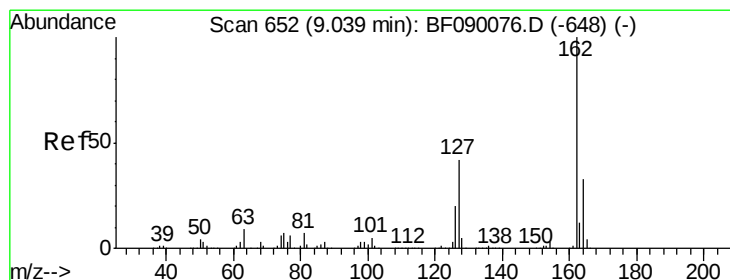
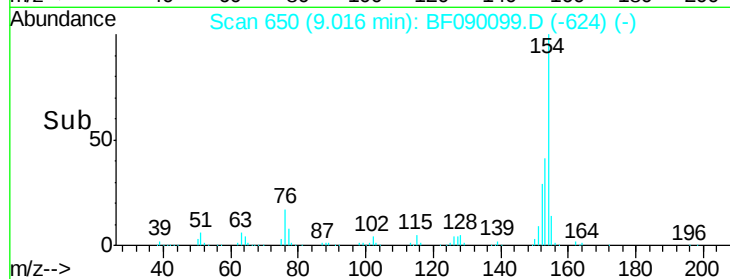
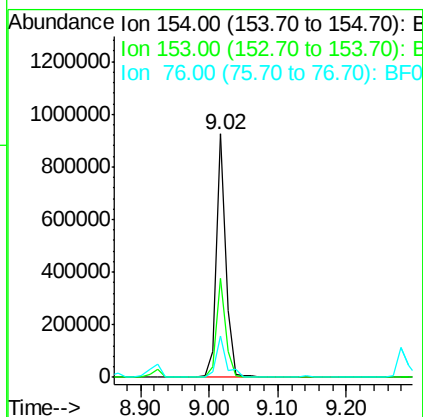
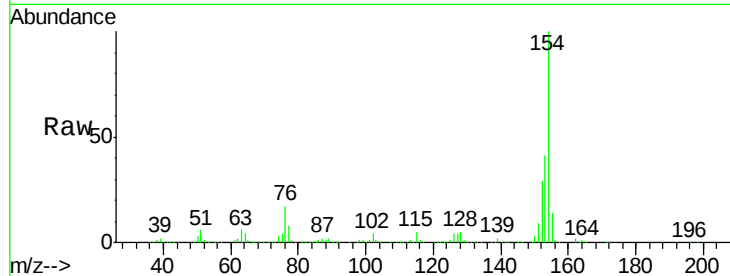




#45
 1,1'-Biphenyl
 Concen: 38.37 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

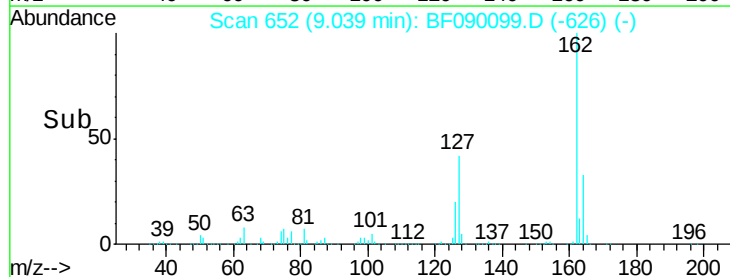
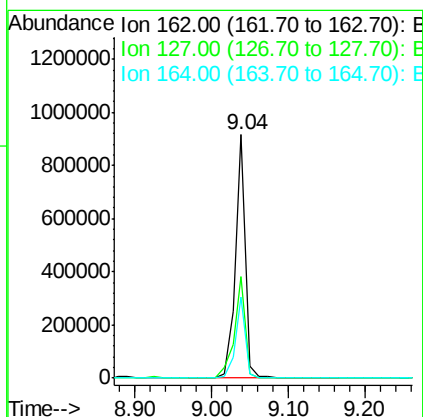
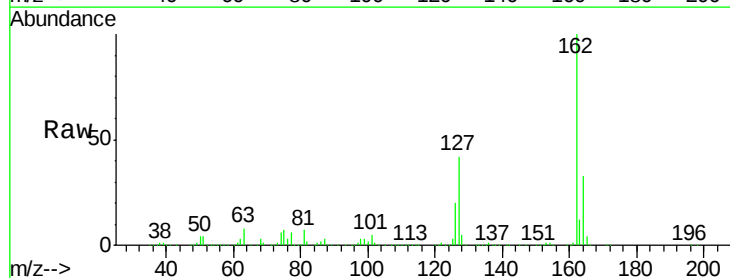
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

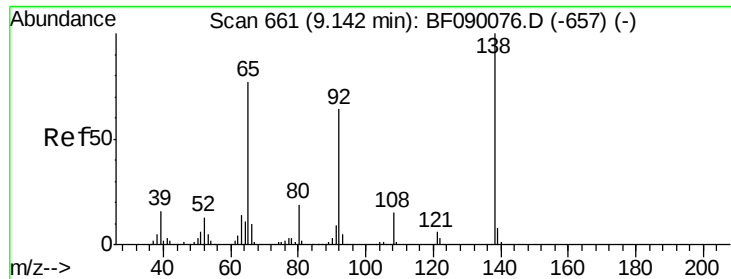
Tgt Ion:154 Resp: 909279
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.6 60.6
 76 16.8 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 49.14 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:162 Resp: 862890
 Ion Ratio Lower Upper
 162 100
 127 41.6 34.0 51.0
 164 33.2 26.8 40.2

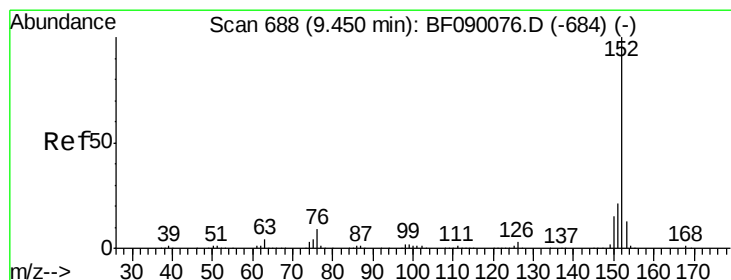
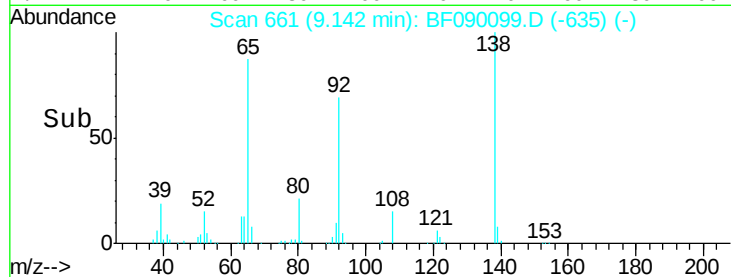
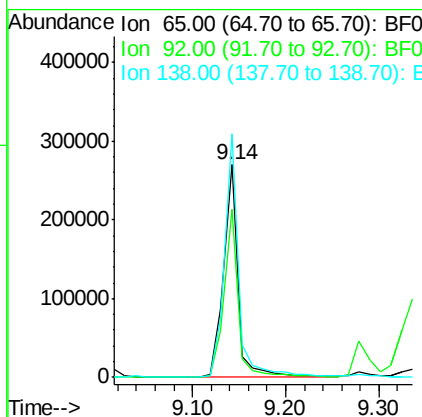
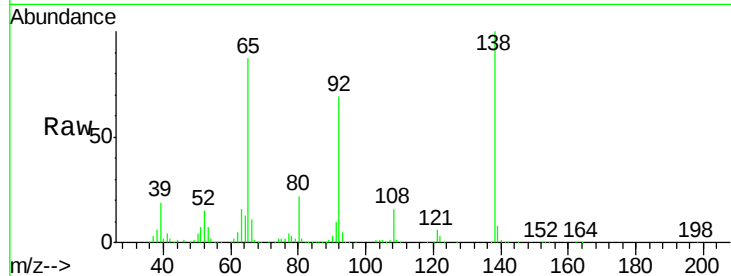




#47
 2-Nitroaniline
 Concen: 51.81 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

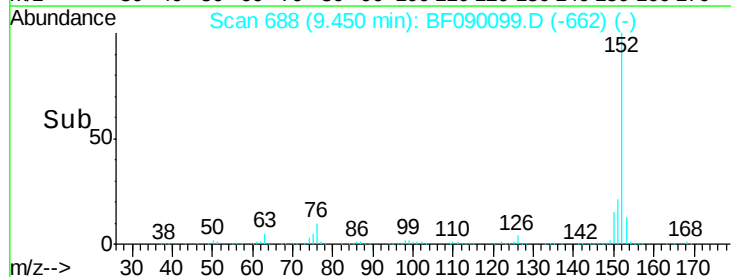
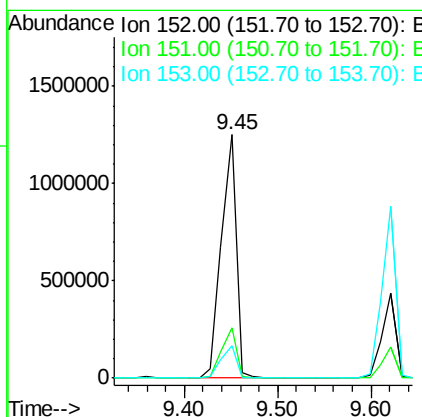
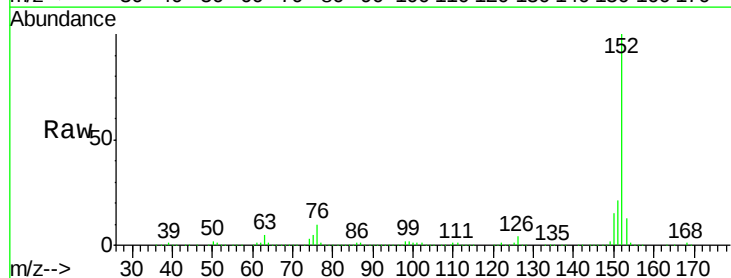
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

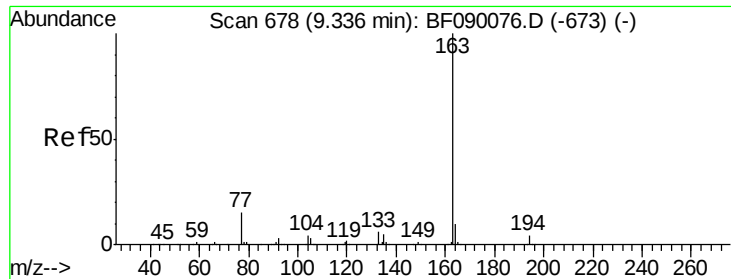
Tgt Ion:	65	Resp:	290476
Ion	Ratio	Lower	Upper
65	100		
92	79.0	66.1	99.1
138	114.4	104.1	156.1



#48
 Acenaphthylene
 Concen: 46.90 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:	152	Resp:	1383091
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.5	24.7
153	13.4	10.6	15.8

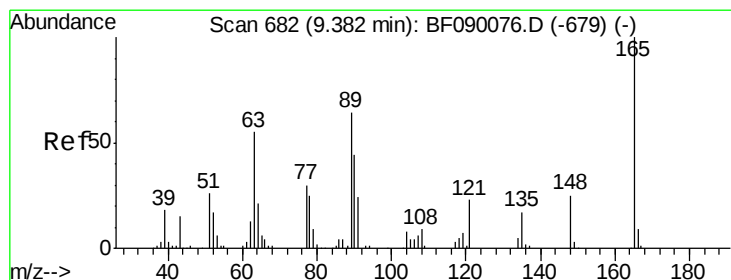
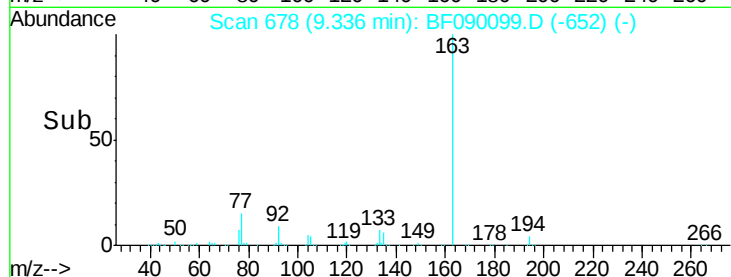
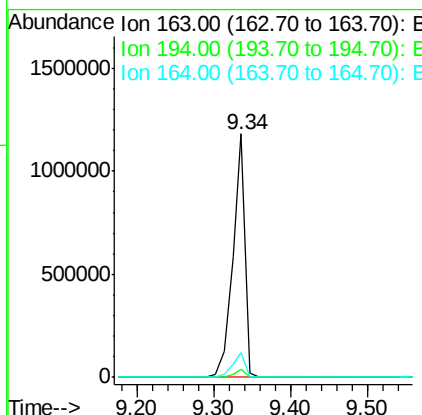
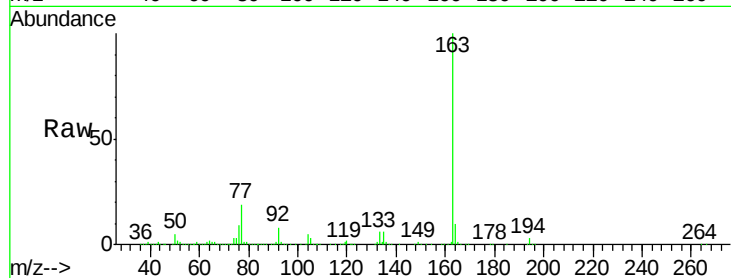




#49
Dimethylphthalate
Concen: 61.95 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

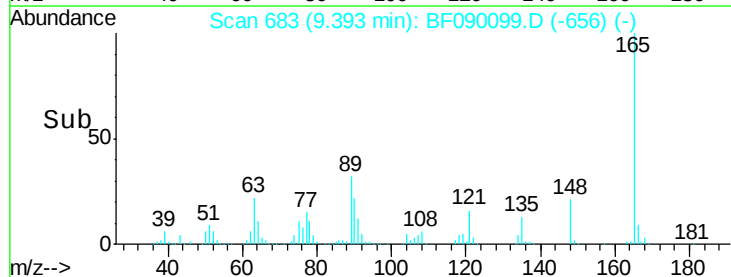
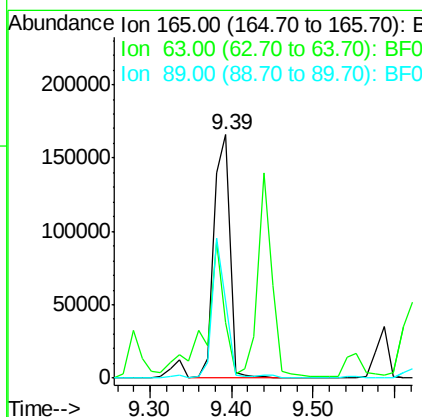
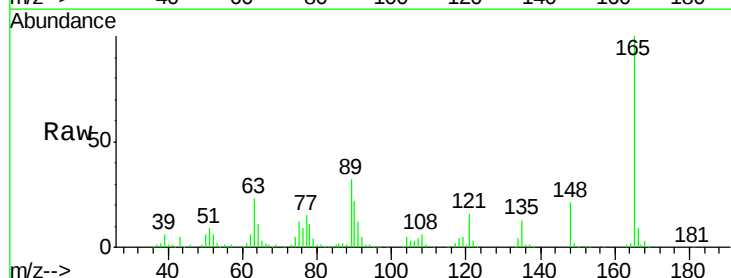
Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

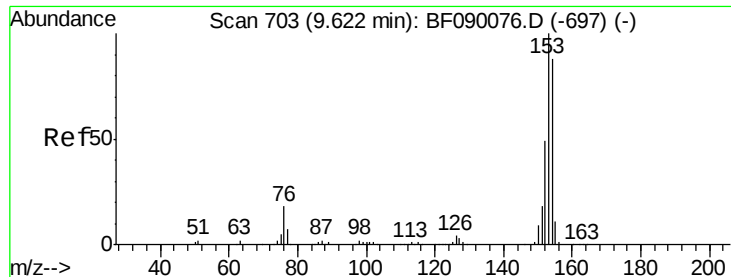
Tgt Ion:163 Resp: 1332666
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.3 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 47.31 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion:165 Resp: 227419
Ion Ratio Lower Upper
165 100
63 22.7 49.9 74.9#
89 31.6 51.0 76.4#





#51

Acenaphthene

Concen: 49.21 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

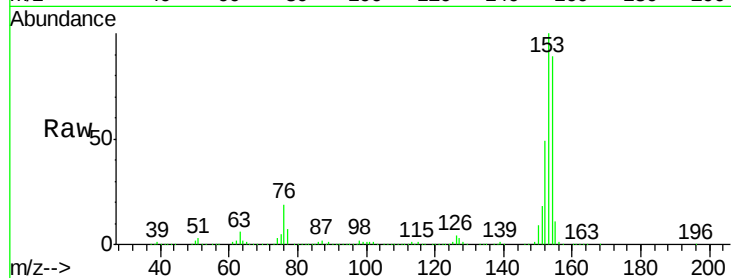
Tgt Ion:154 Resp: 810619

Ion Ratio Lower Upper

154 100

153 112.2 90.8 136.2

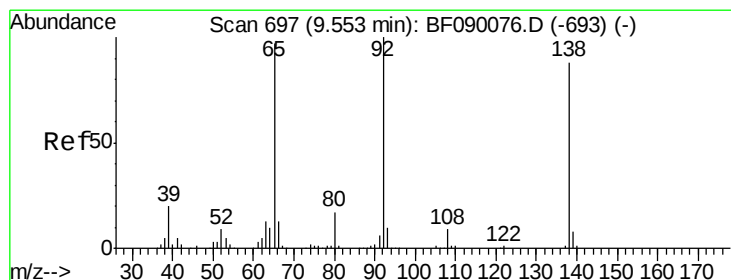
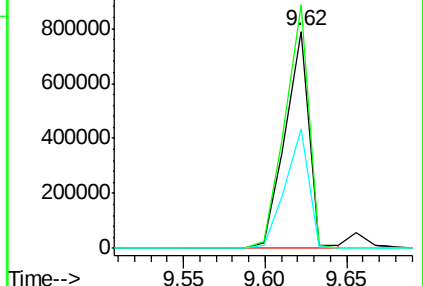
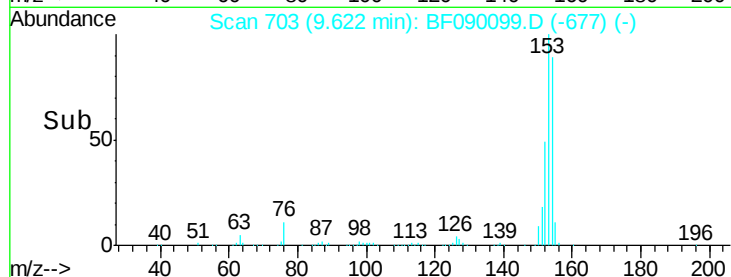
152 54.9 44.2 66.4



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: 29.53 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

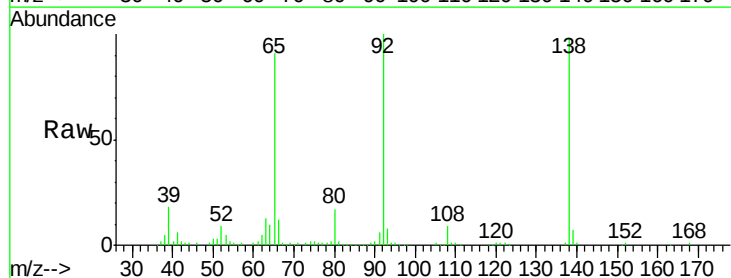
Tgt Ion:138 Resp: 172706

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

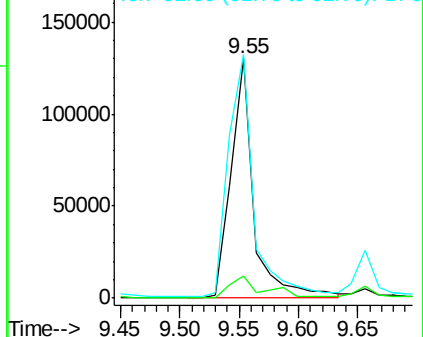
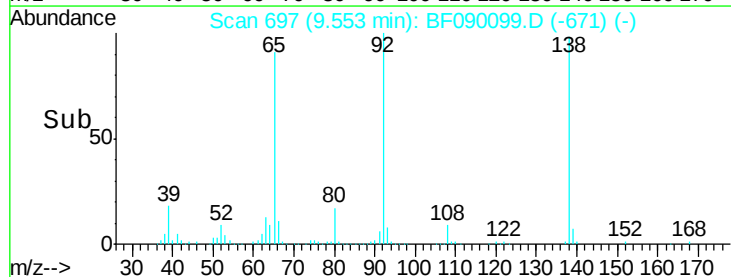
92 101.7 90.7 136.1

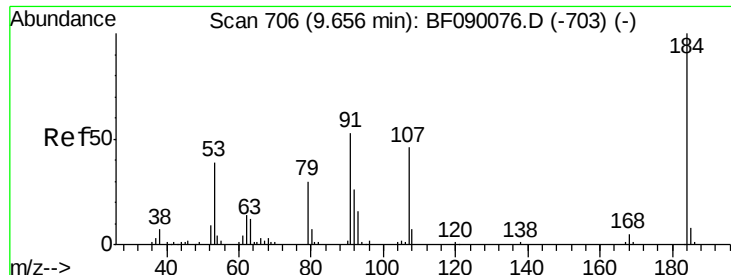


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

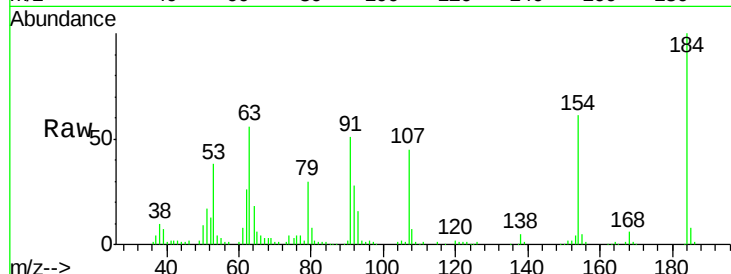




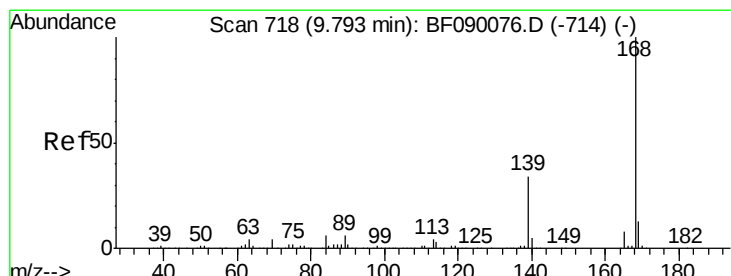
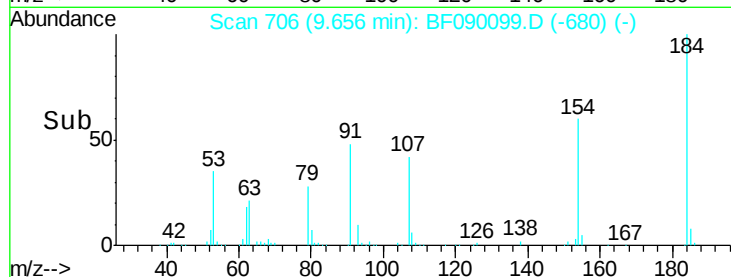
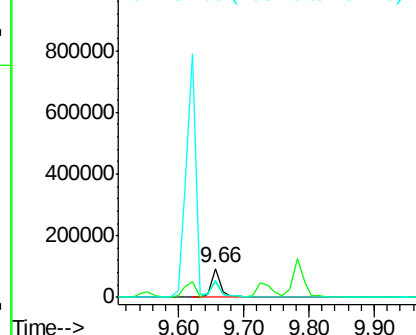
#53
 2,4-Dinitrophenol
 Concen: 37.91 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion:184 Resp: 99064
 Ion Ratio Lower Upper
 184 100
 63 56.1 44.6 67.0
 154 60.6 49.7 74.5

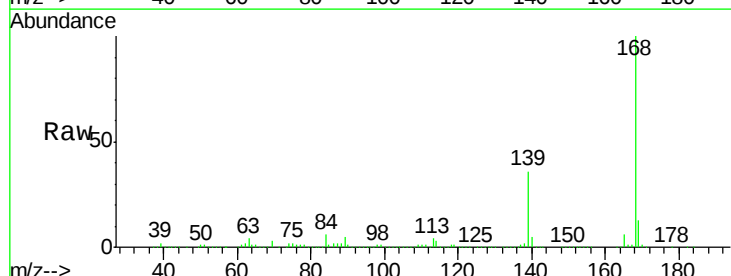


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

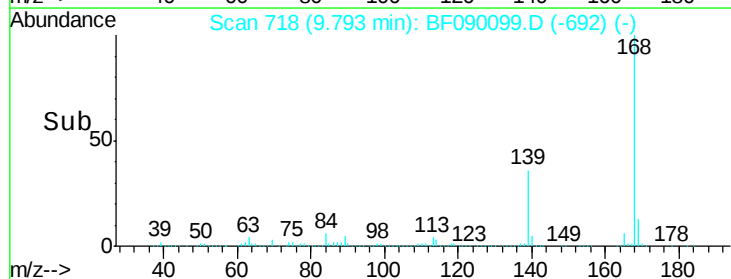
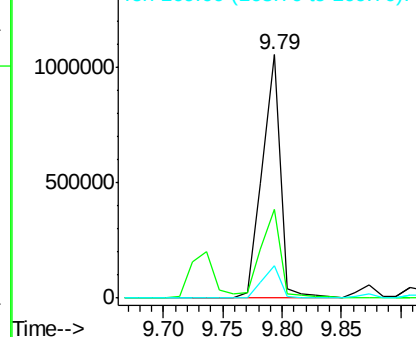


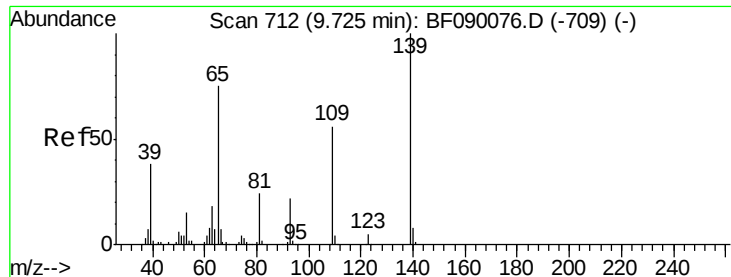
#54
 Dibenzofuran
 Concen: 49.82 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:168 Resp: 1134931
 Ion Ratio Lower Upper
 168 100
 139 36.4 28.8 43.2
 169 13.3 10.7 16.1



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

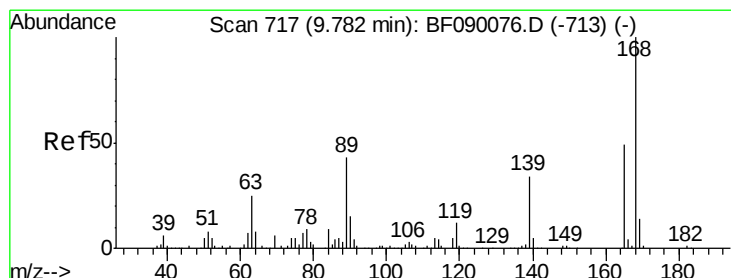
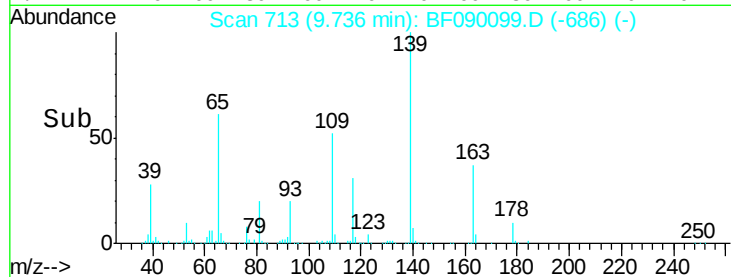
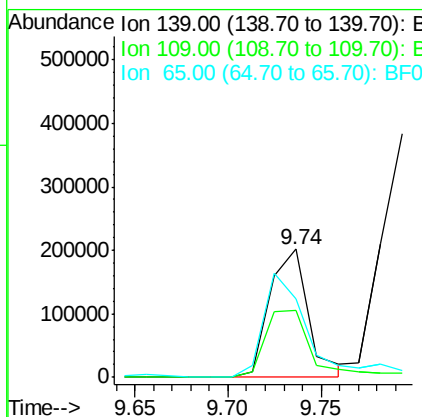
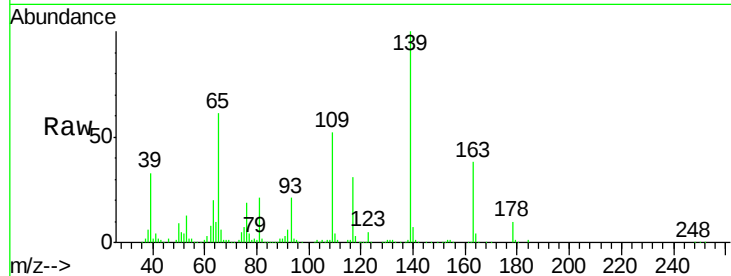




#55
 4-Nitrophenol
 Concen: 70.69 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

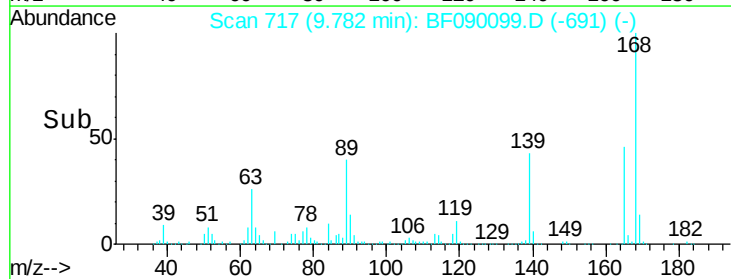
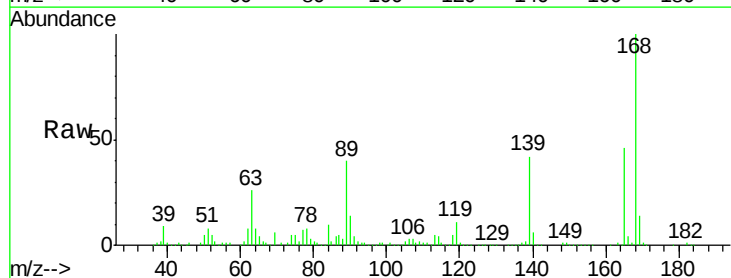
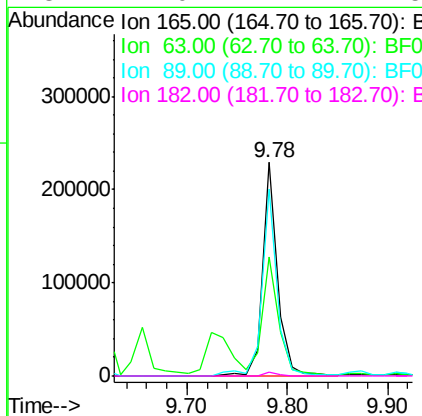
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

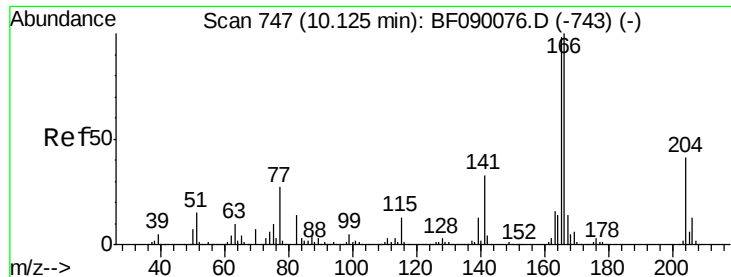
Tgt Ion:139 Resp: 290947
 Ion Ratio Lower Upper
 139 100
 109 52.3 35.6 75.6
 65 61.4 55.5 95.5



#56
 2,4-Dinitrotoluene
 Concen: 40.09 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:165 Resp: 234938
 Ion Ratio Lower Upper
 165 100
 63 55.8 44.4 66.6
 89 87.3 70.1 105.1
 182 2.0 1.7 2.5

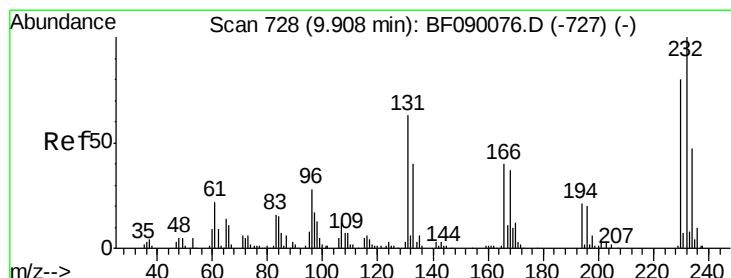
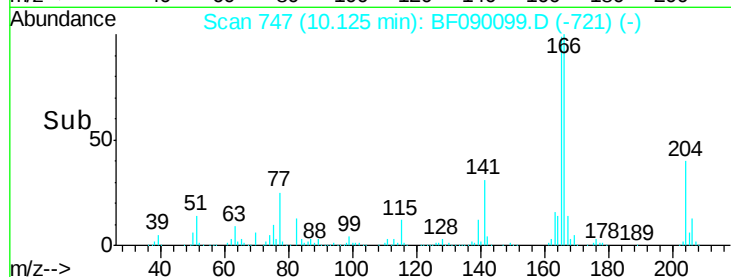
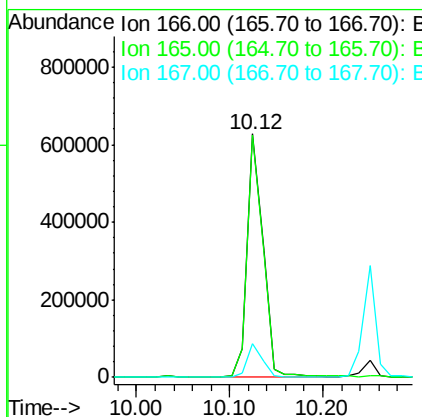
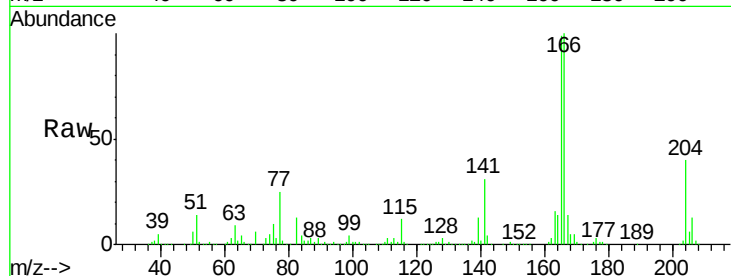




#57
 Fluorene
 Concen: 44.34 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

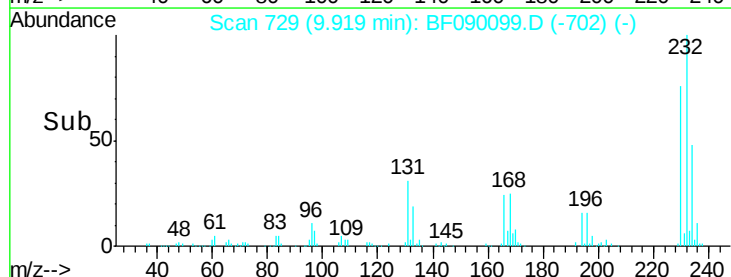
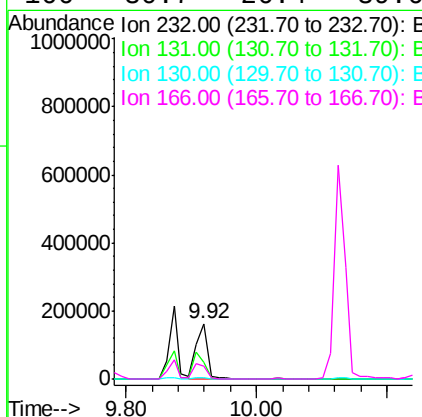
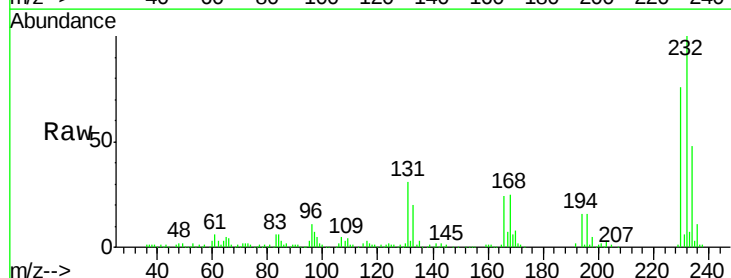
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

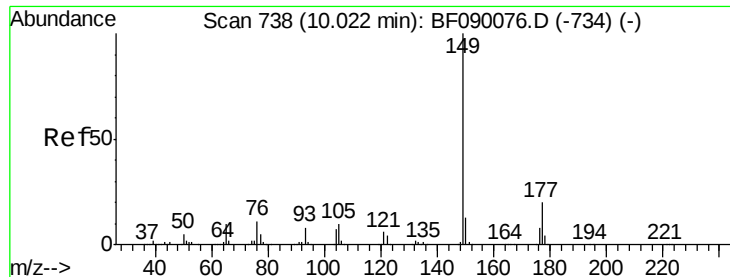
Tgt Ion:166 Resp: 737584
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.5 117.7
 167 13.9 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.57 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:232 Resp: 197364
 Ion Ratio Lower Upper
 232 100
 131 47.6 42.2 63.4
 130 2.4 1.9 2.9
 166 30.7 26.4 39.6

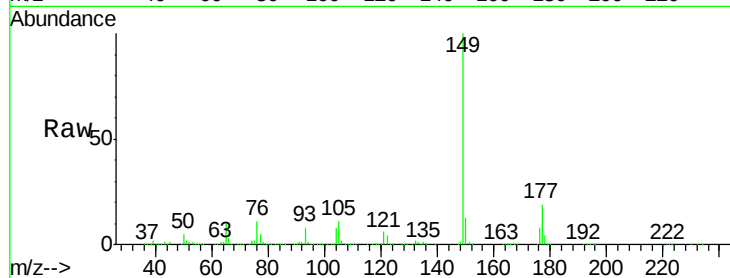




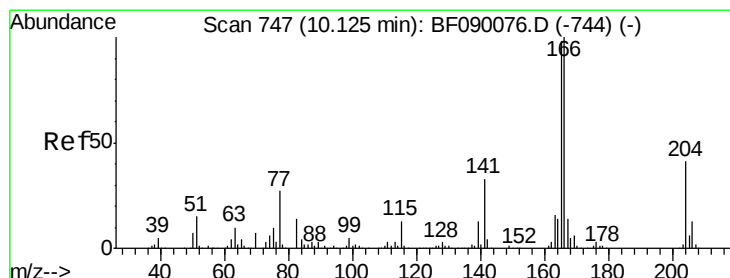
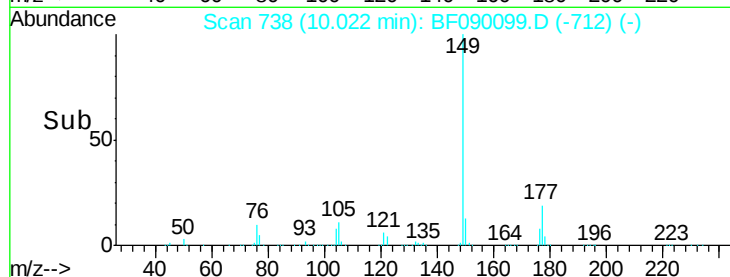
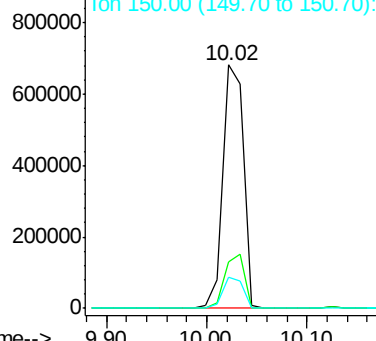
#59
Diethylphthalate
Concen: 46.52 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

Tgt Ion:149 Resp: 968921
Ion Ratio Lower Upper
149 100
177 19.3 15.8 23.6
150 12.9 10.4 15.6

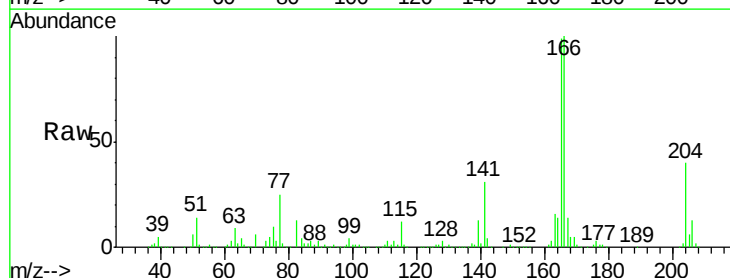


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

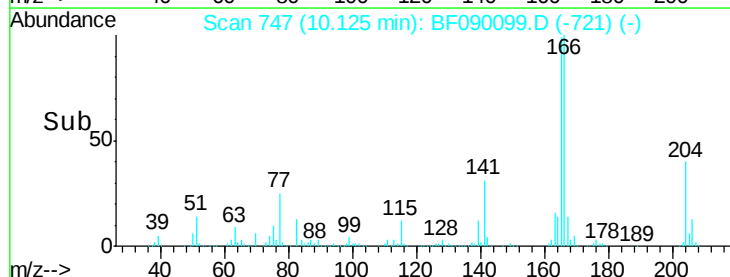
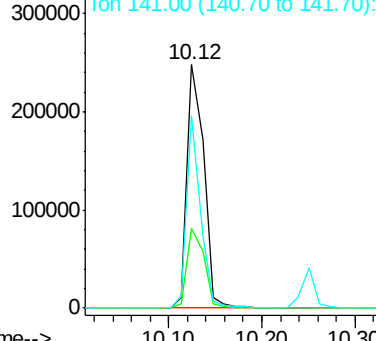


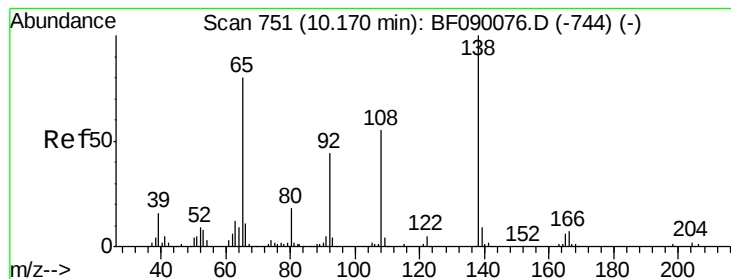
#60
4-Chlorophenyl-phenylether
Concen: 46.50 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion:204 Resp: 309905
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 79.2 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: 35.14 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

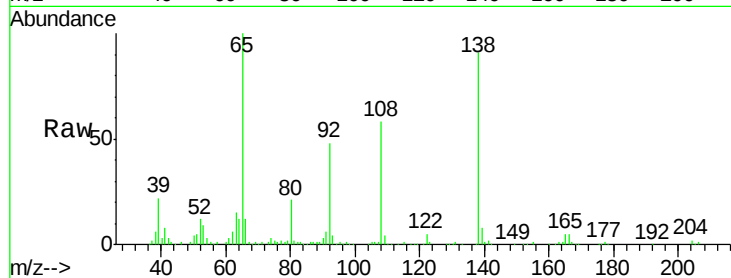
Tgt Ion:138 Resp: 208046

Ion Ratio Lower Upper

138 100

92 52.6 23.8 63.8

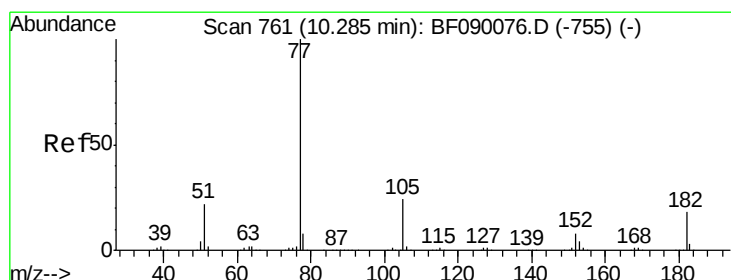
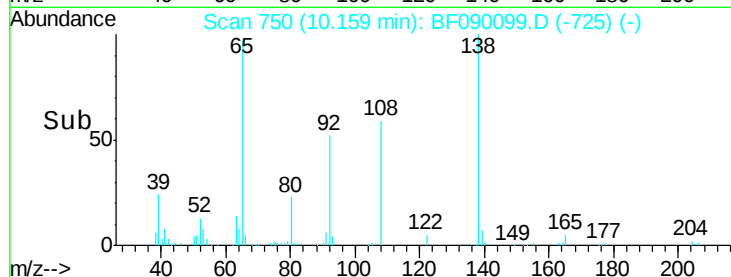
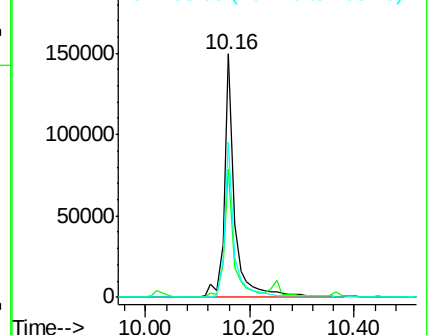
108 63.7 35.0 75.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.92 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Tgt Ion: 77 Resp: 1003506

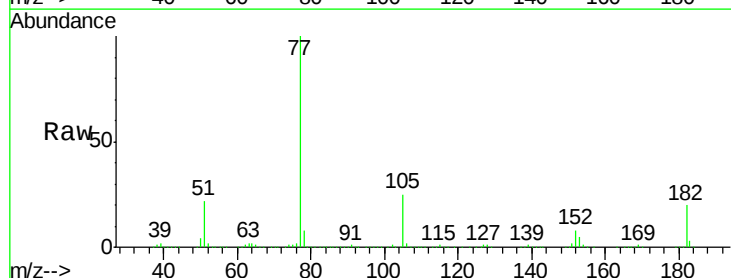
Ion Ratio Lower Upper

77 100

182 19.9 0.0 38.4

105 24.6 3.8 43.8

51 22.4 2.6 42.6

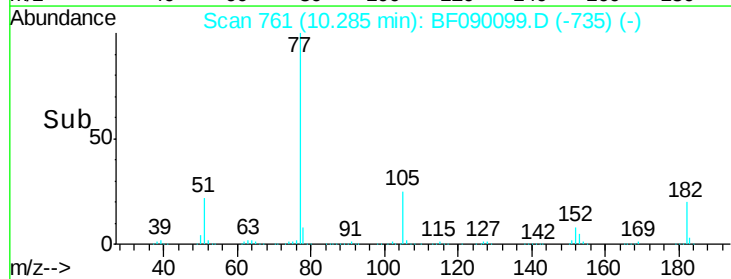
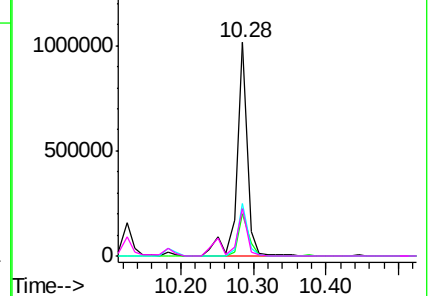


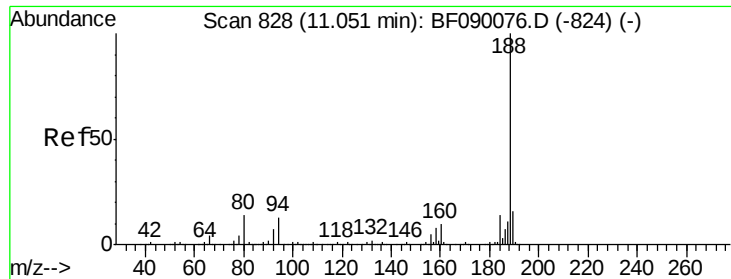
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

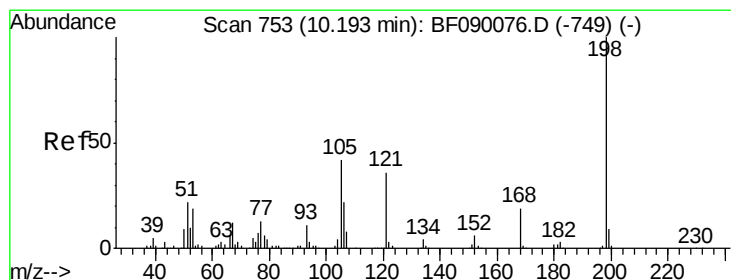
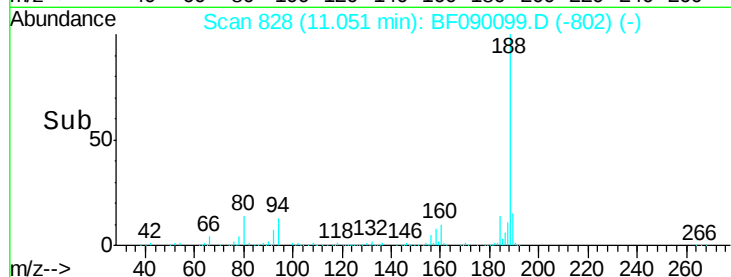
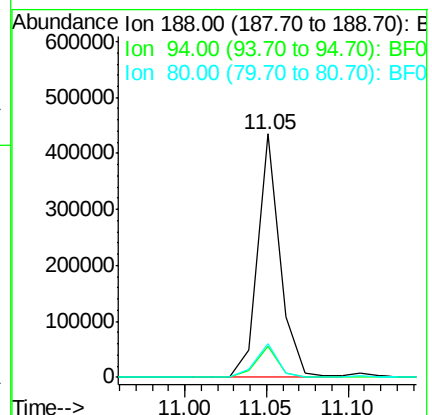
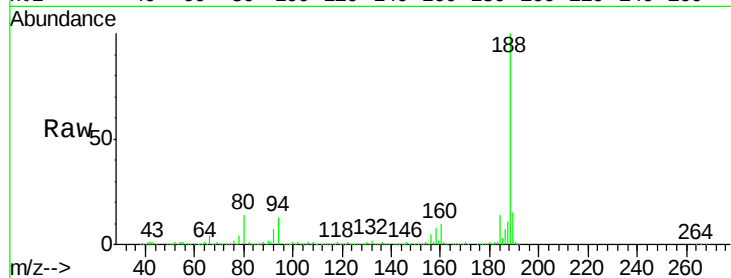




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

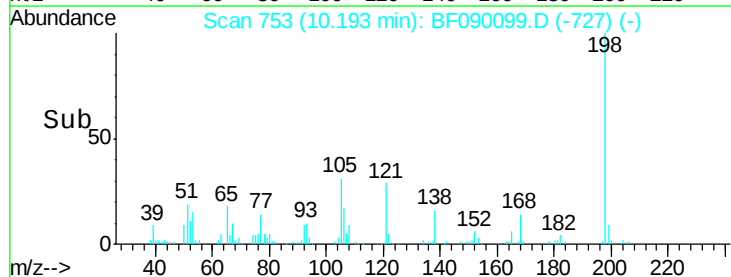
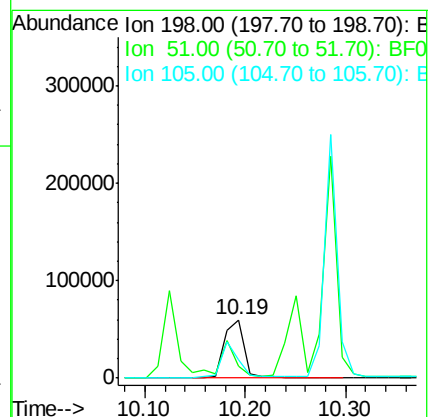
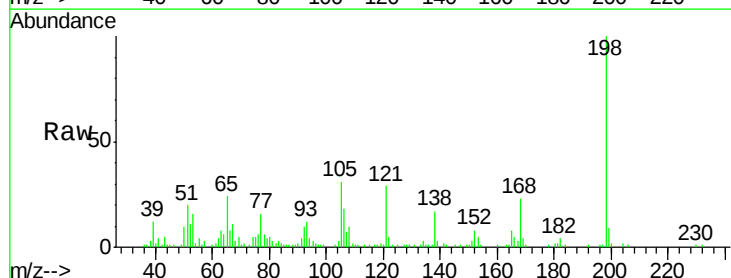
Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

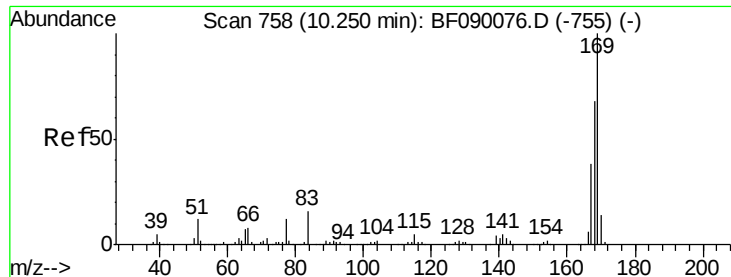
Tgt Ion:188 Resp: 415378
Ion Ratio Lower Upper
188 100
94 13.0 10.5 15.7
80 13.9 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 29.64 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion:198 Resp: 81749
Ion Ratio Lower Upper
198 100
51 19.8 5.5 45.5
105 31.3 21.8 61.8





#65

n-Nitrosodiphenylamine

Concen: 54.57 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

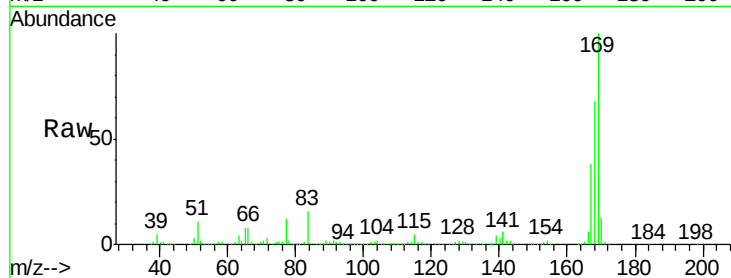
Tgt Ion:169 Resp: 718287

Ion Ratio Lower Upper

169 100

168 68.1 54.2 81.4

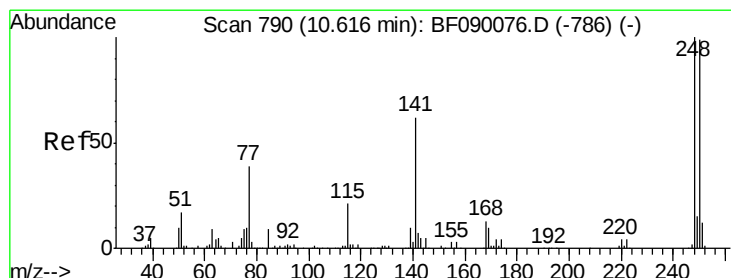
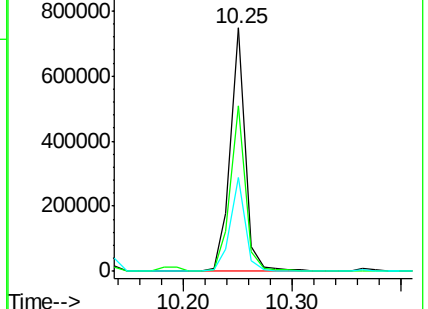
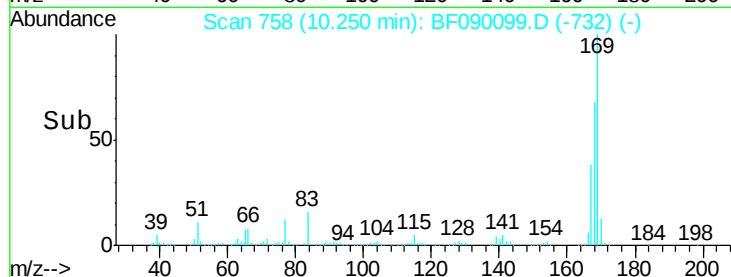
167 38.3 30.3 45.5



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: 52.93 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

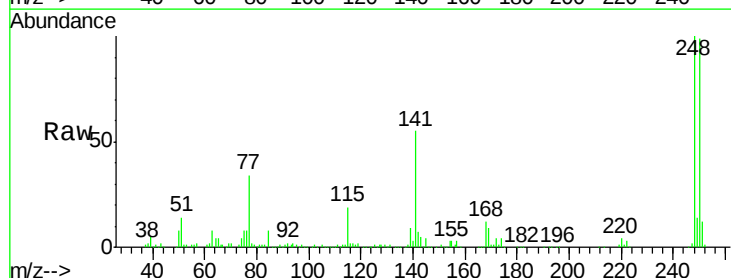
Tgt Ion:248 Resp: 211949

Ion Ratio Lower Upper

248 100

250 99.2 79.4 119.2

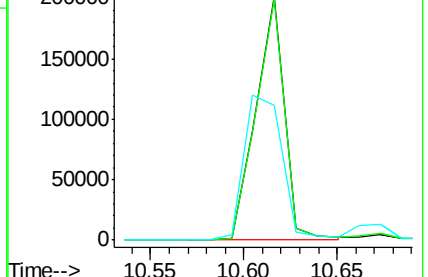
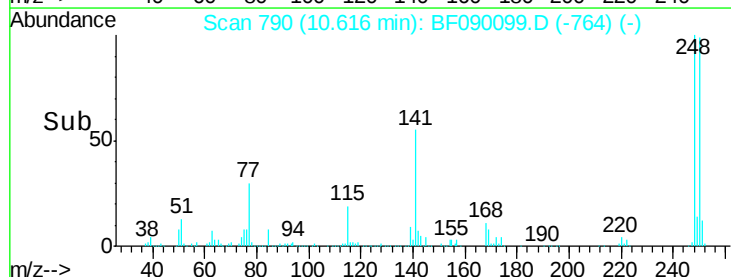
141 55.3 49.3 73.9

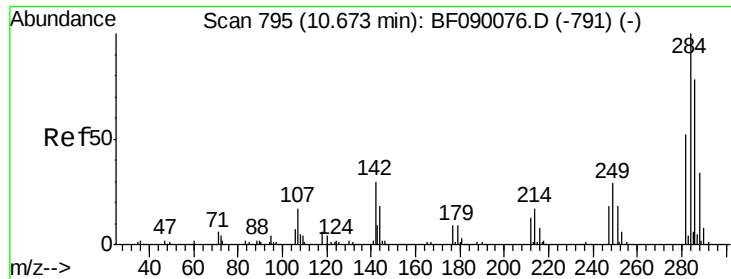


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

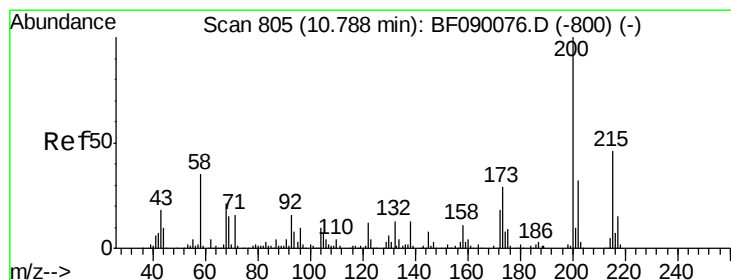
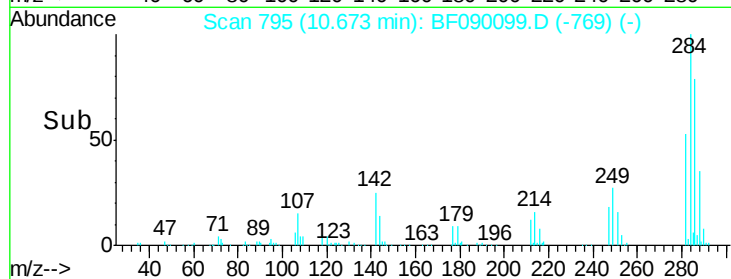
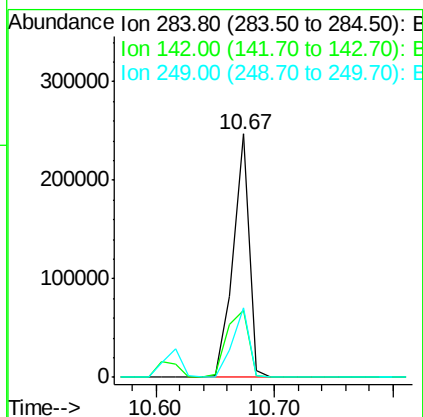
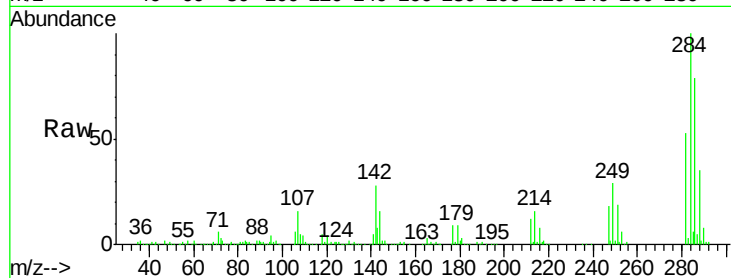




#67
Hexachlorobenzene
Concen: 49.56 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

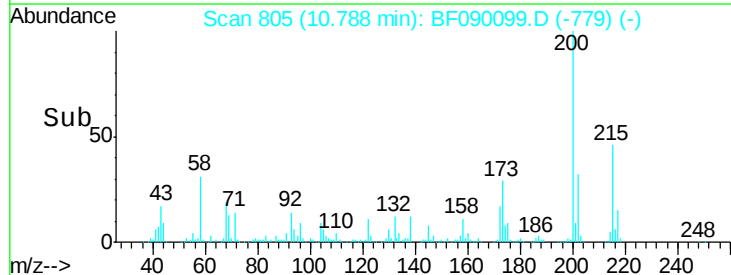
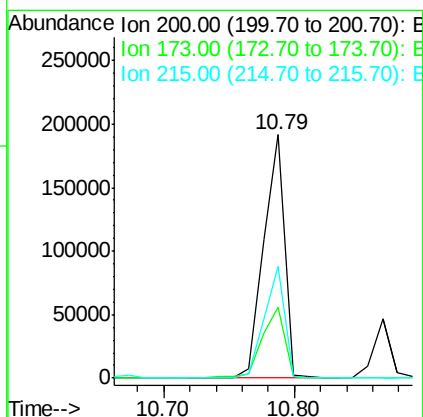
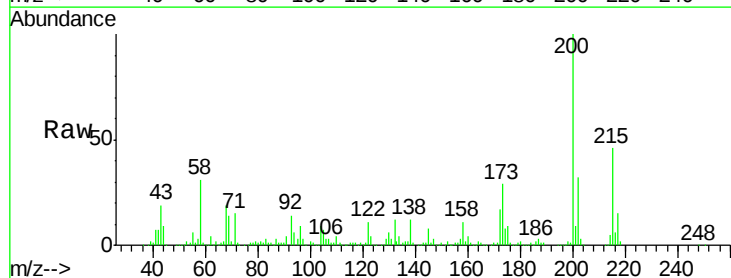
Instrument :
BNA_F
ClientSampleId :
NC-TS-005MS

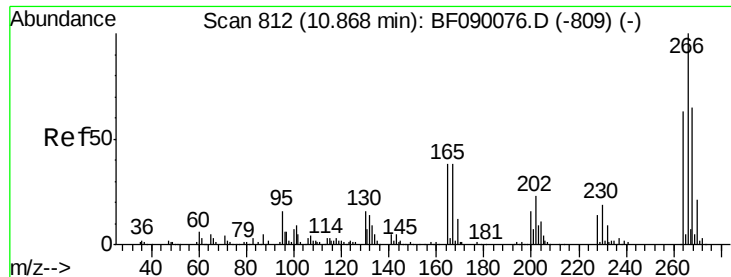
Tgt Ion:284 Resp: 233850
Ion Ratio Lower Upper
284 100
142 27.7 24.0 36.0
249 28.6 23.8 35.6



#68
Atrazine
Concen: 55.16 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF090099.D
Acq: 15 Sep 2016 18:44

Tgt Ion:200 Resp: 215738
Ion Ratio Lower Upper
200 100
173 28.8 9.3 49.3
215 45.9 26.1 66.1

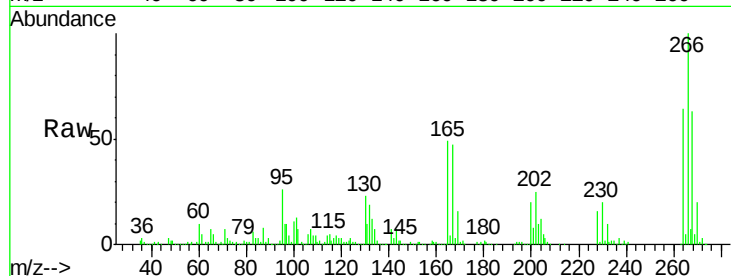




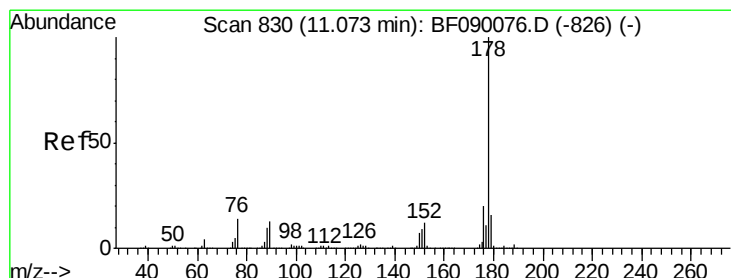
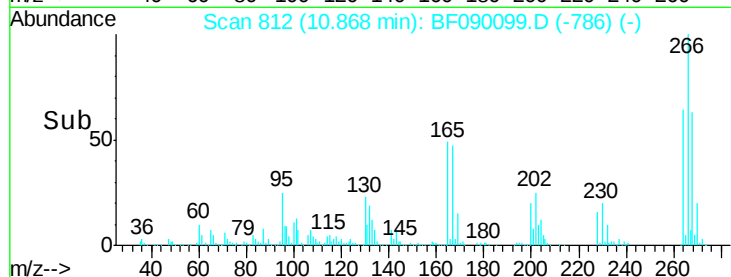
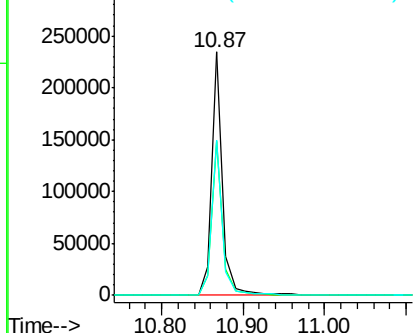
#69
 Pentachlorophenol
 Concen: 80.24 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion:266 Resp: 221783
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.1 78.1
 264 63.7 50.3 75.5

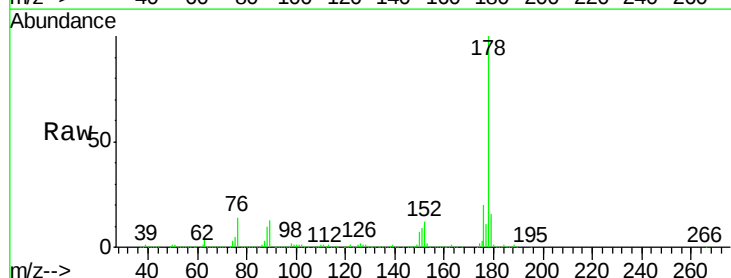


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

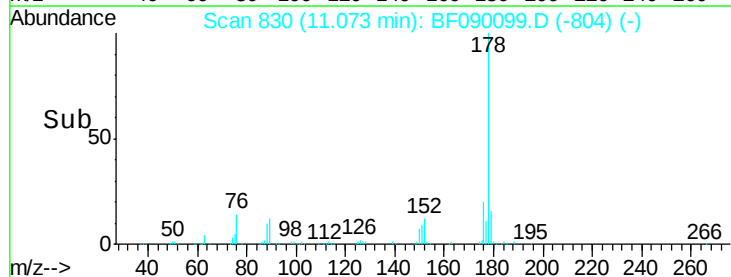
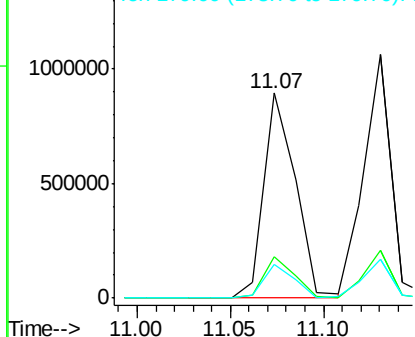


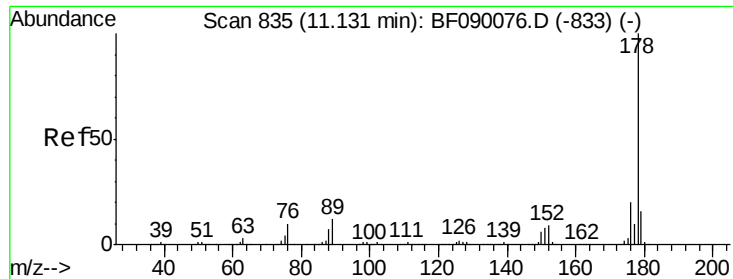
#70
 Phenanthrene
 Concen: 52.22 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:178 Resp: 1048143
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.9 23.9
 179 16.2 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

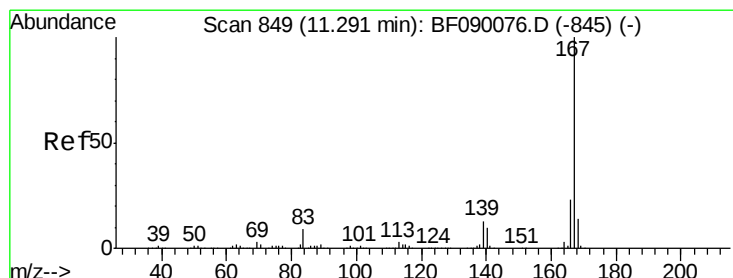
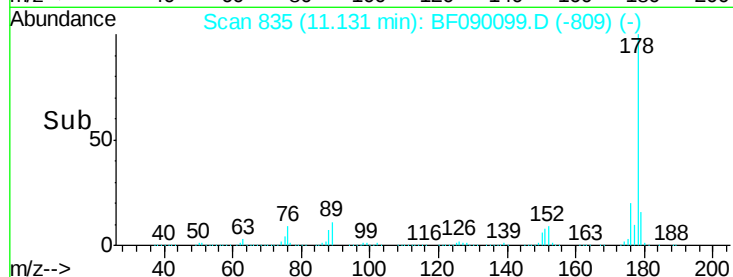
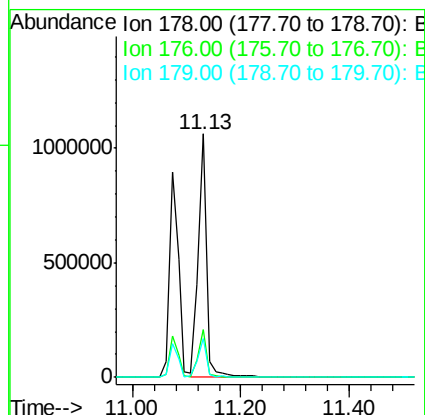
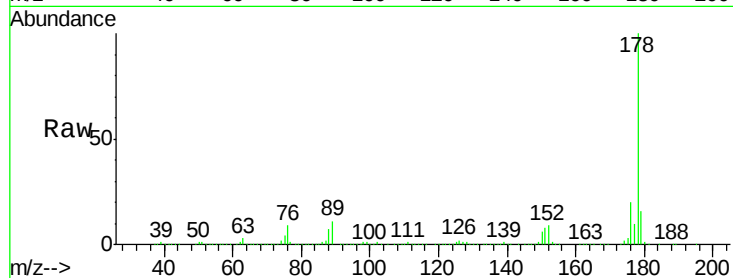




#71
 Anthracene
 Concen: 50.88 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

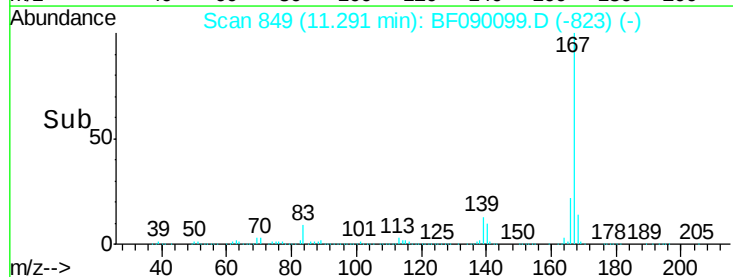
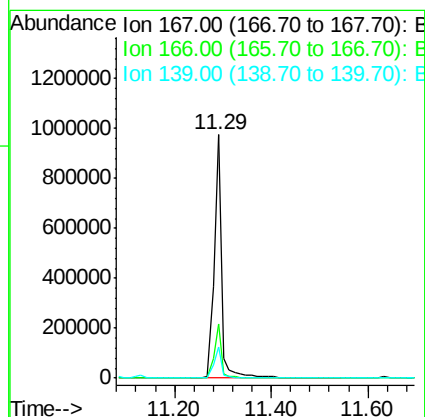
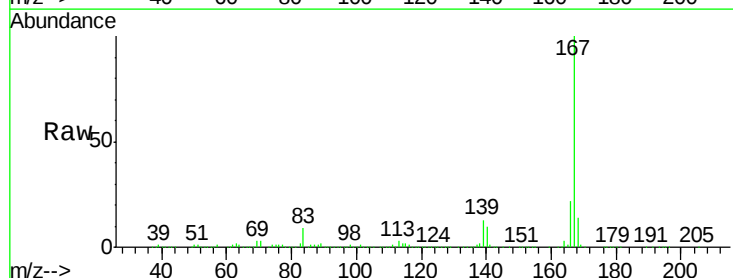
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

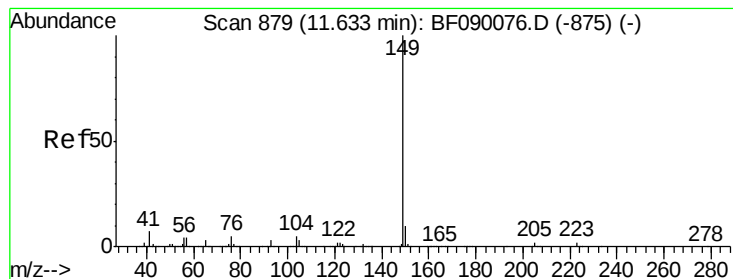
Tgt Ion:178 Resp: 1115228
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 47.82 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:167 Resp: 1075112
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 13.0 10.4 15.6





#73

Di-n-butylphthalate

Concen: 46.28 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

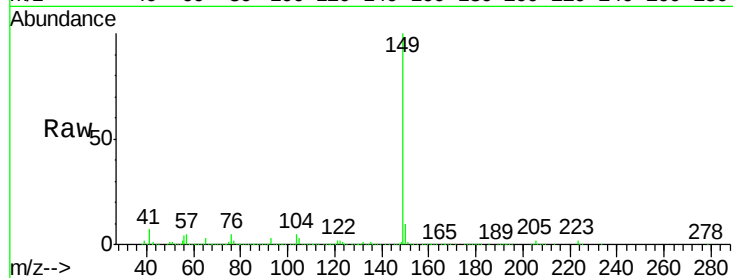
Tgt Ion:149 Resp: 1166775

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

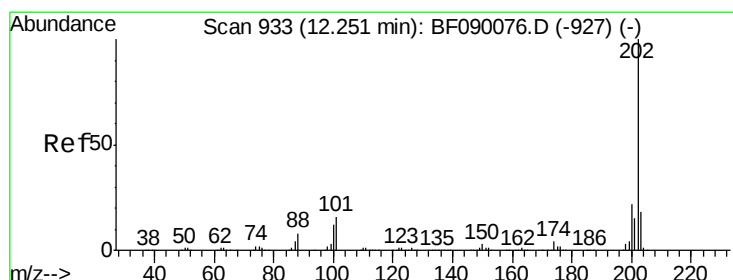
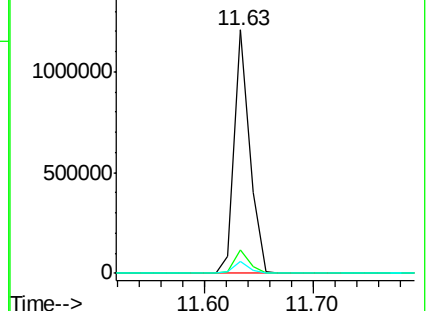
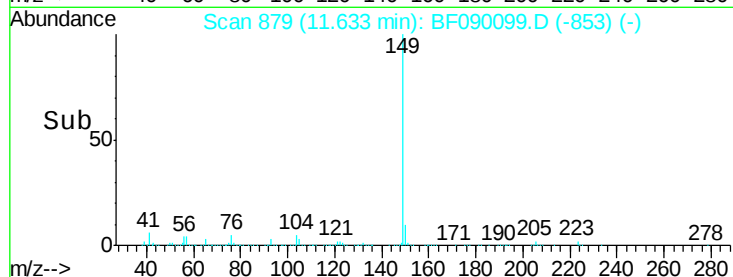
104 5.0 3.9 5.9



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: 50.17 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

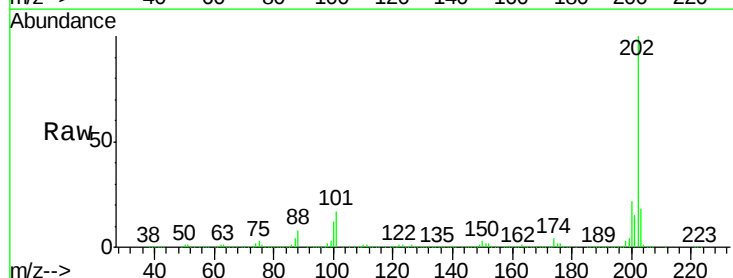
Tgt Ion:202 Resp: 1055205

Ion Ratio Lower Upper

202 100

101 17.2 0.0 36.1

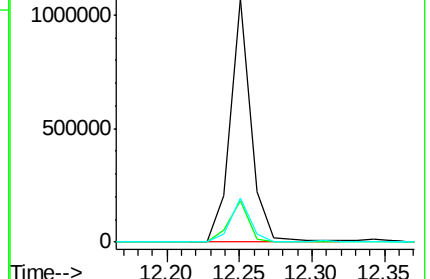
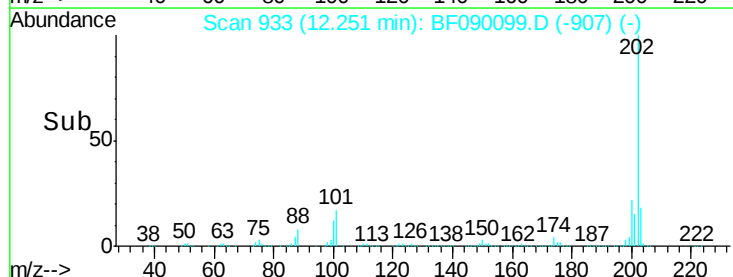
203 18.0 0.0 38.2

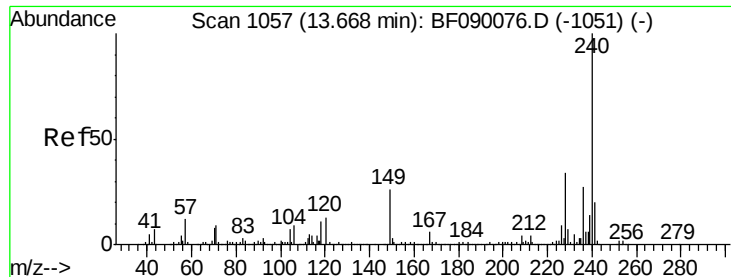


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

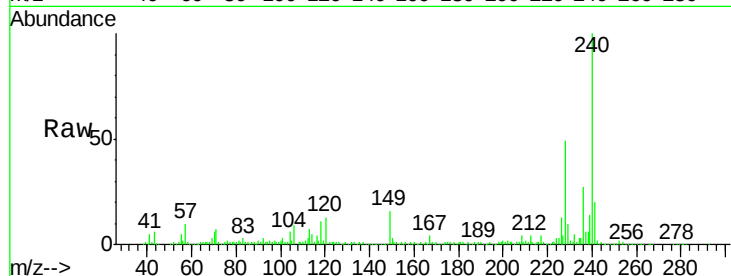
Tgt Ion:240 Resp: 324940

Ion Ratio Lower Upper

240 100

120 13.2 10.6 16.0

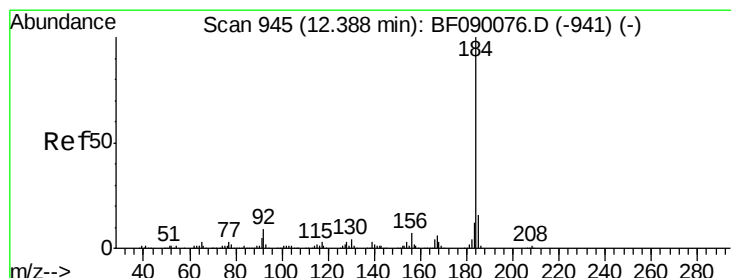
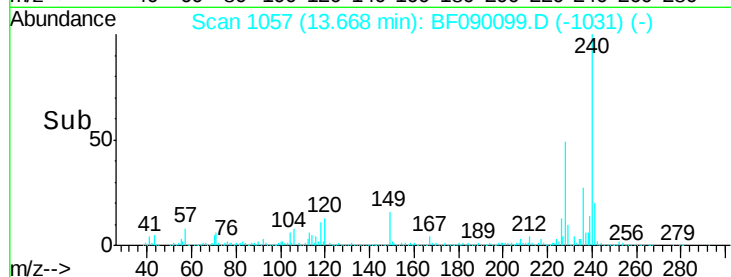
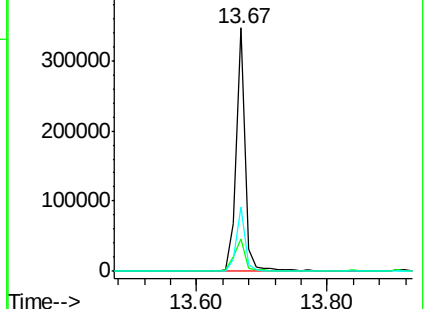
236 26.6 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.66 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

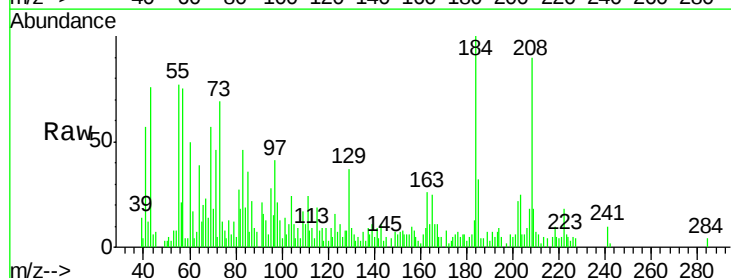
Tgt Ion:184 Resp: 35215

Ion Ratio Lower Upper

184 100

185 32.1 13.2 19.8#

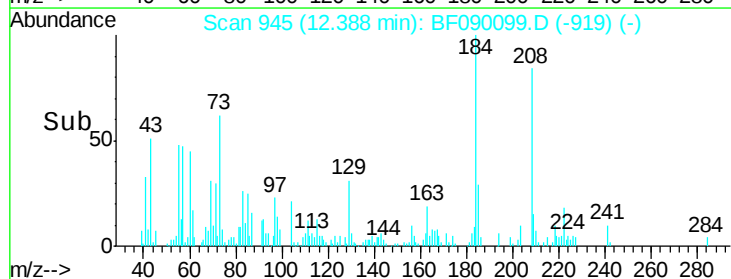
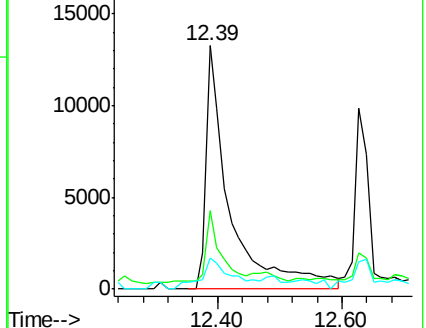
183 12.8 9.2 13.8

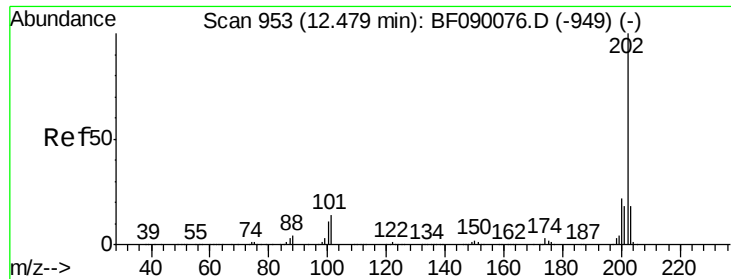


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.57 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

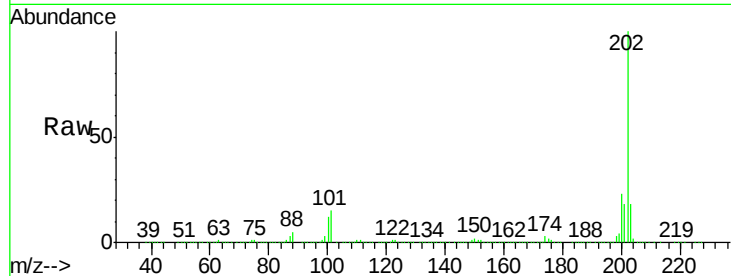
Tgt Ion:202 Resp: 1199341

Ion Ratio Lower Upper

202 100

200 22.5 17.9 26.9

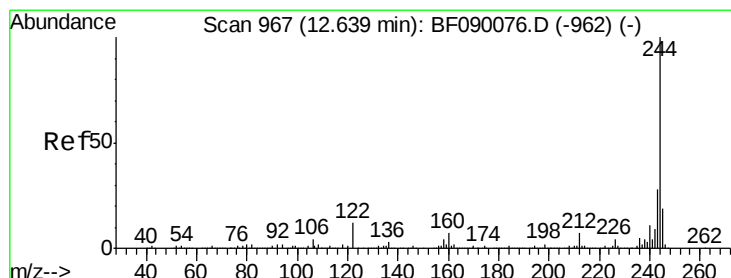
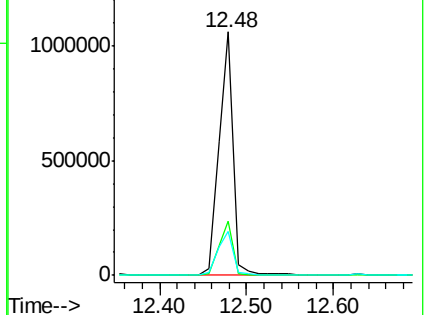
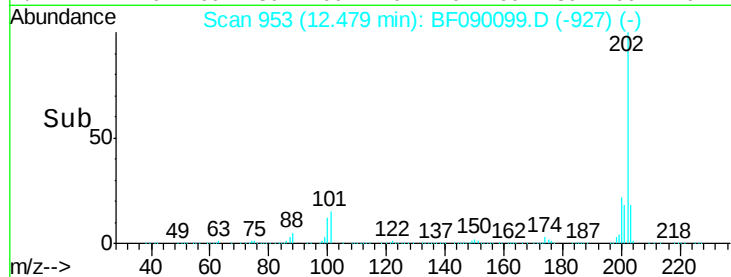
203 18.1 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.37 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

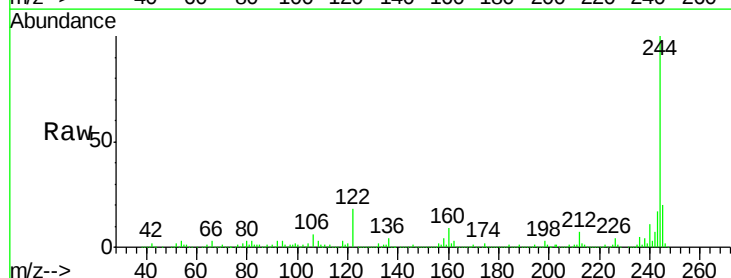
Tgt Ion:244 Resp: 990167

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

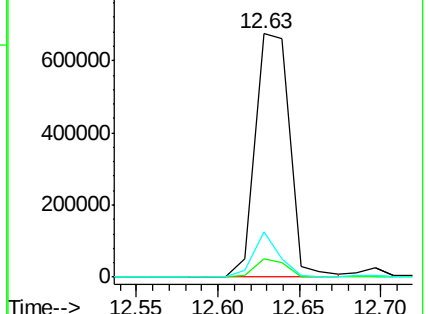
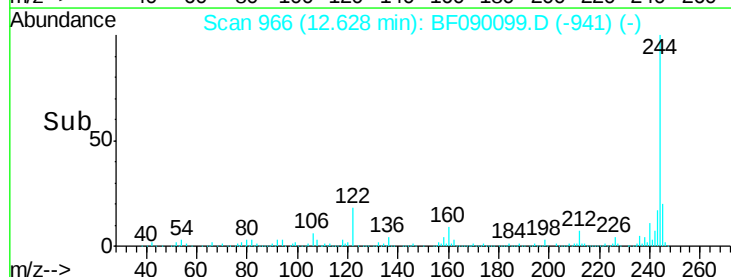
122 18.5 9.4 14.0#

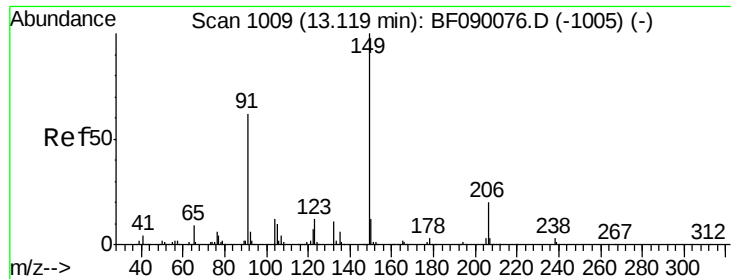


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.80 ng

RT: 13.12 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

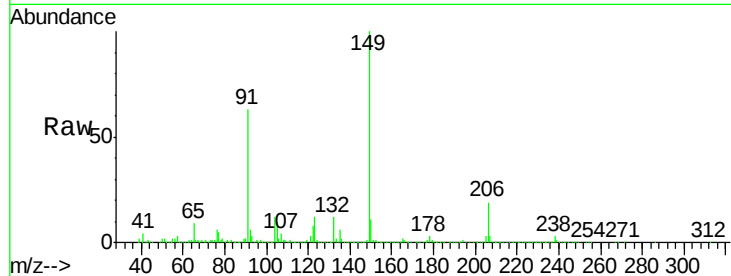
Tgt Ion:149 Resp: 517273

Ion Ratio Lower Upper

149 100

91 63.3 49.8 74.6

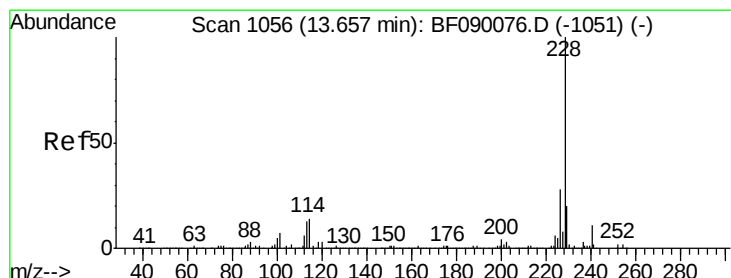
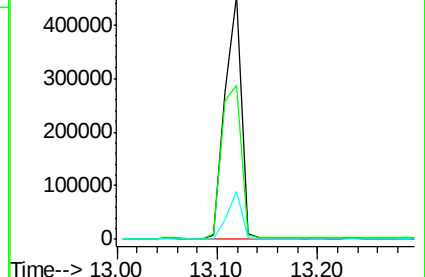
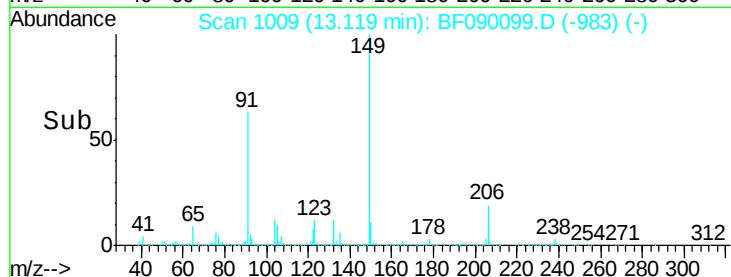
206 19.4 16.3 24.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.49 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

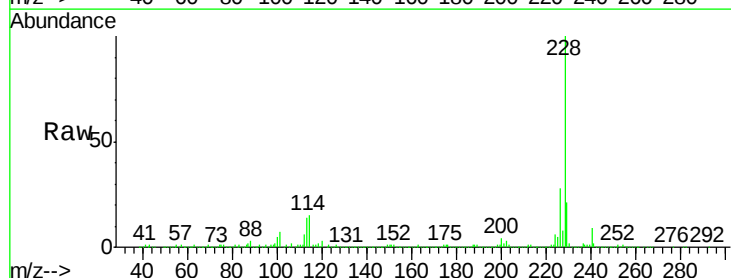
Tgt Ion:228 Resp: 976742

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

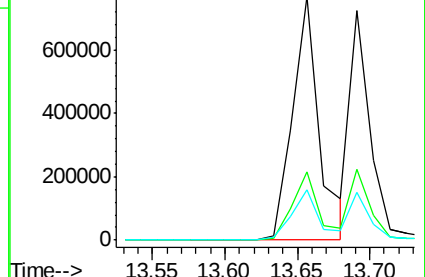
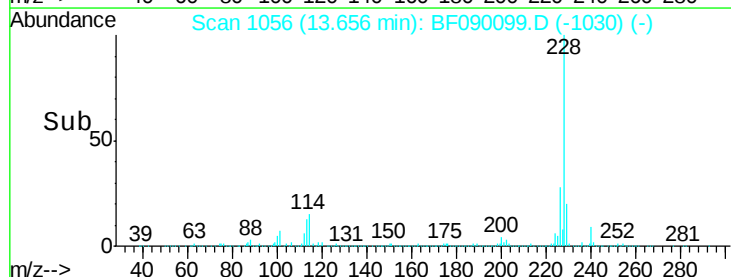
229 20.5 16.2 24.2

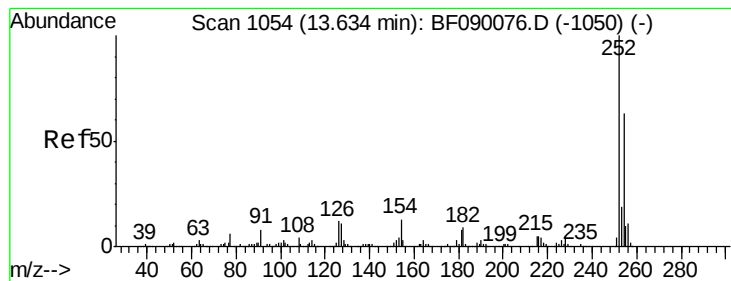


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

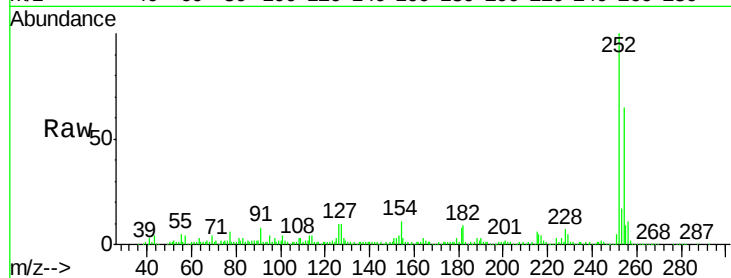




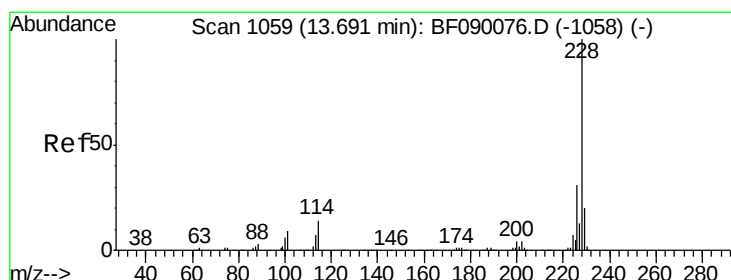
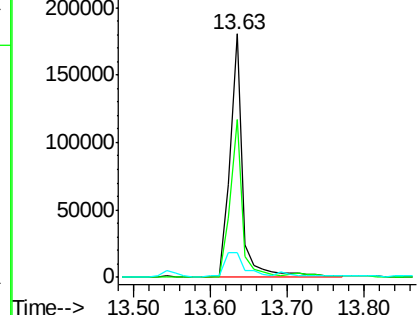
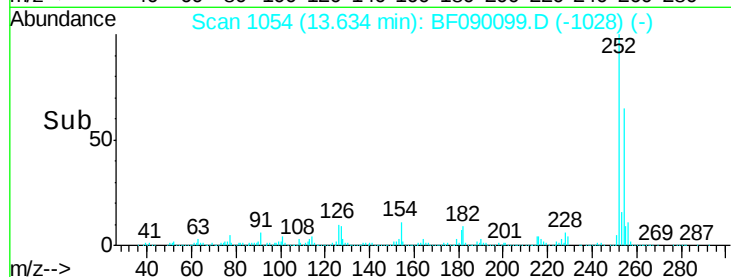
#81
 3,3'-Dichlorobenzidine
 Concen: 26.19 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion:	252	Resp:	208200
Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	10.4	9.2	13.8

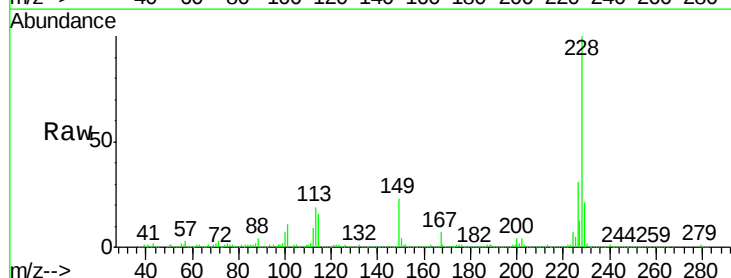


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

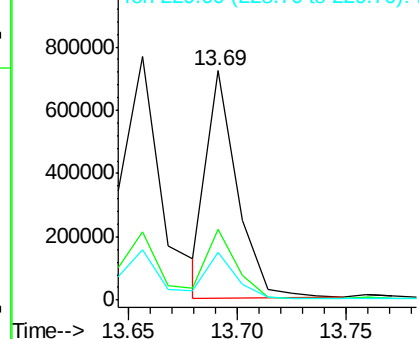
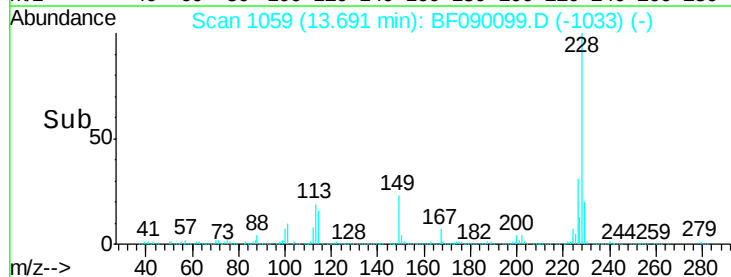


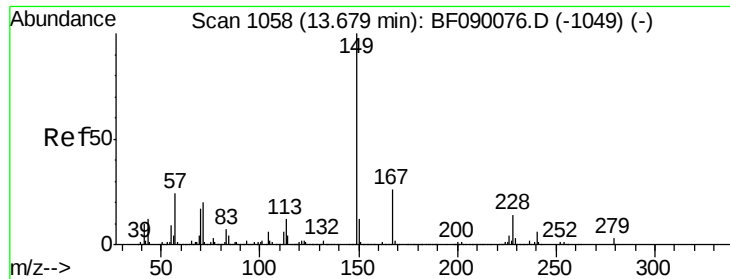
#82
 Chrysene
 Concen: 38.63 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:	228	Resp:	687360
Ion	Ratio	Lower	Upper
228	100		
226	30.7	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

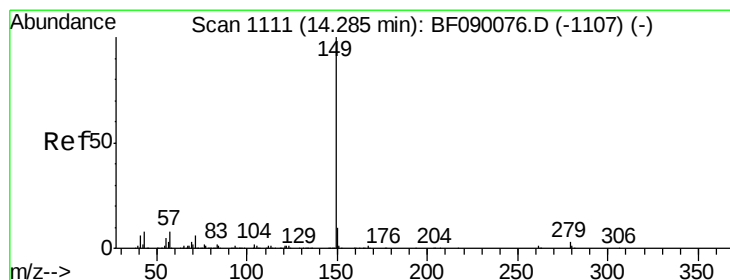
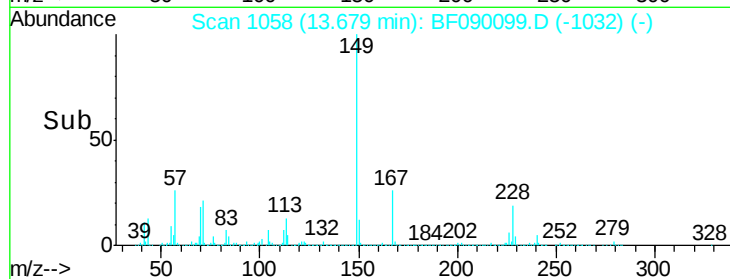
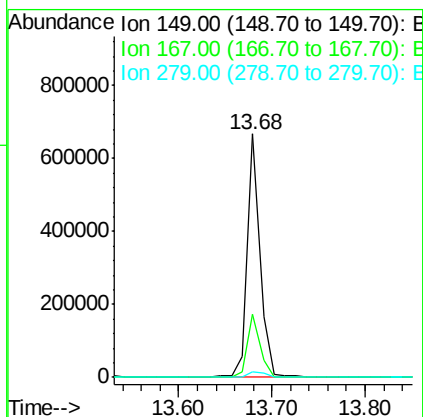
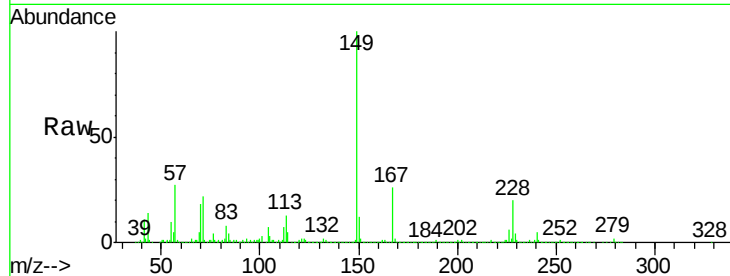




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.27 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

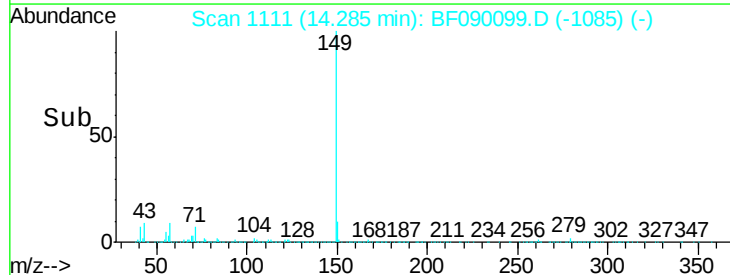
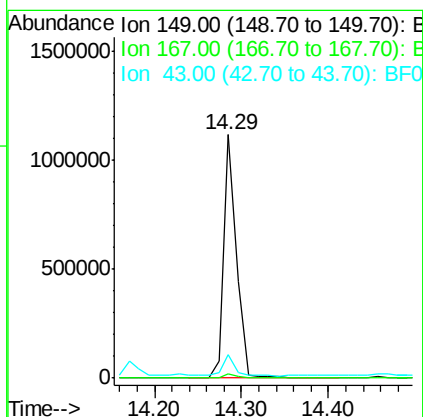
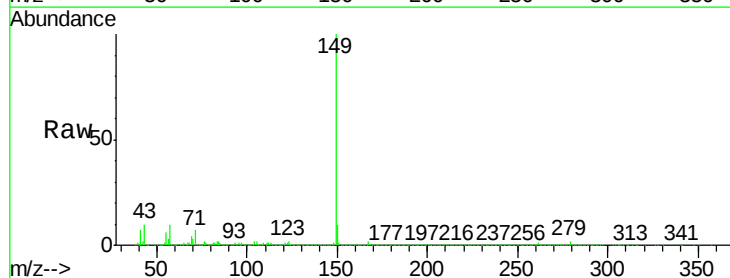
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

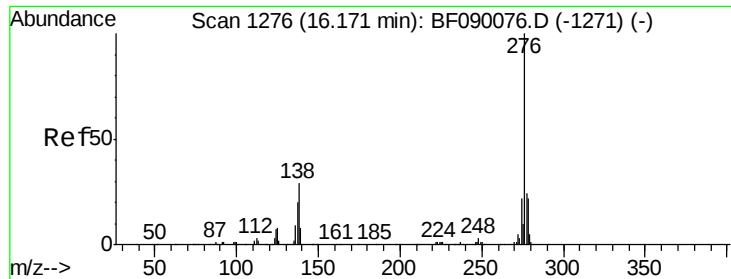
Tgt Ion:149 Resp: 617470
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.2 31.8
 279 2.4 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 43.73 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion:149 Resp: 1141915
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.9 6.8 10.2

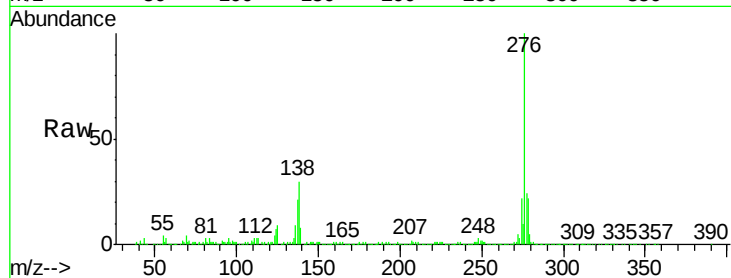




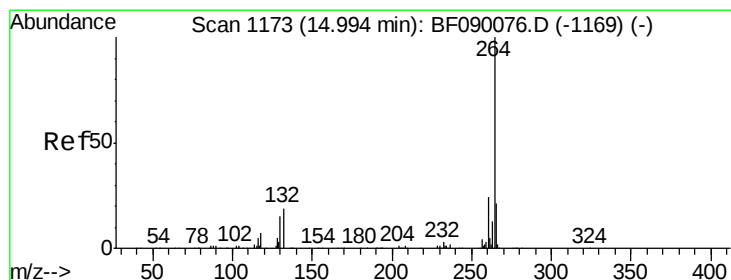
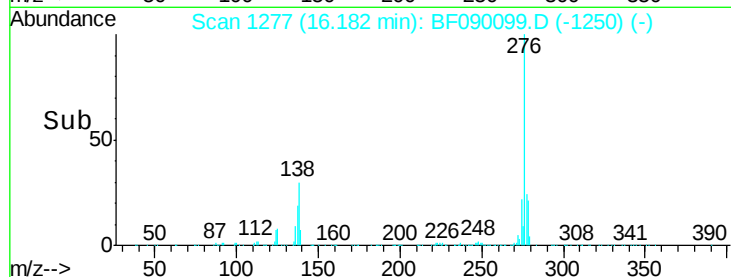
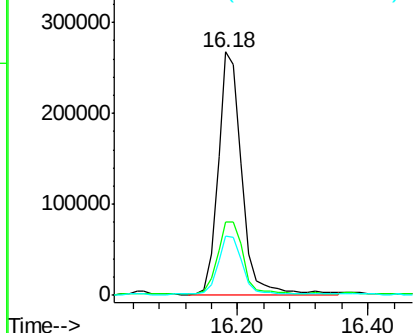
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.17 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-005MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.9	38.9
277	24.9	19.9	29.9

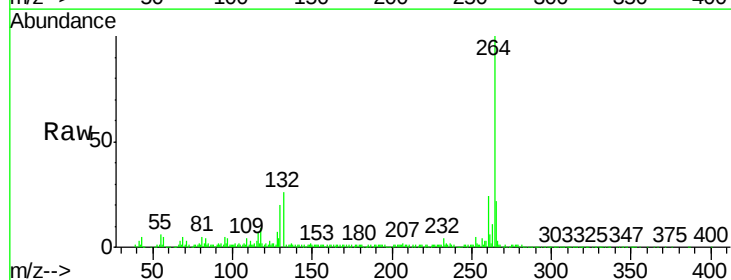


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

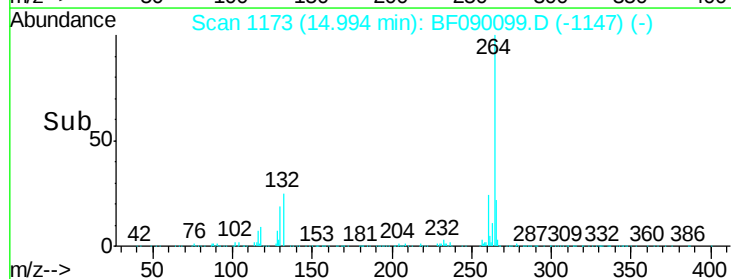
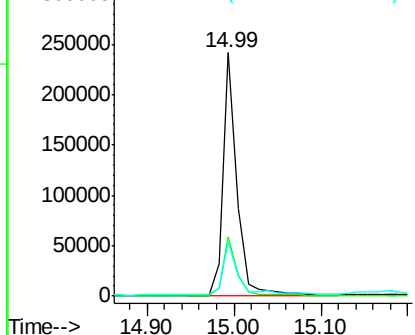


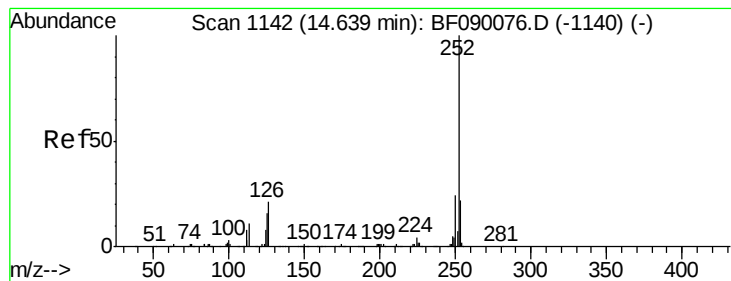
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF090099.D
 Acq: 15 Sep 2016 18:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.3	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 97.95 ng

RT: 14.67 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

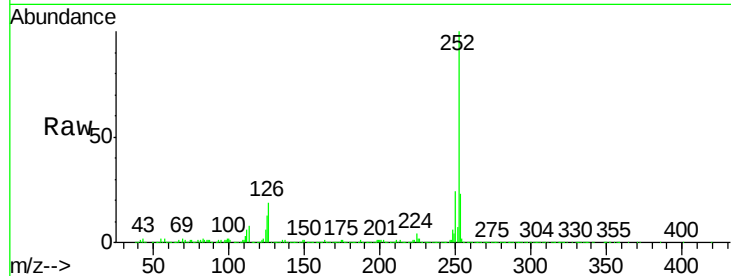
Tgt Ion:252 Resp: 1550996

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

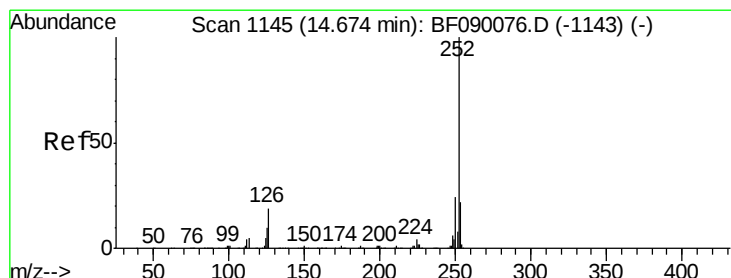
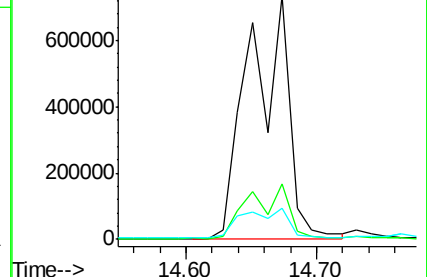
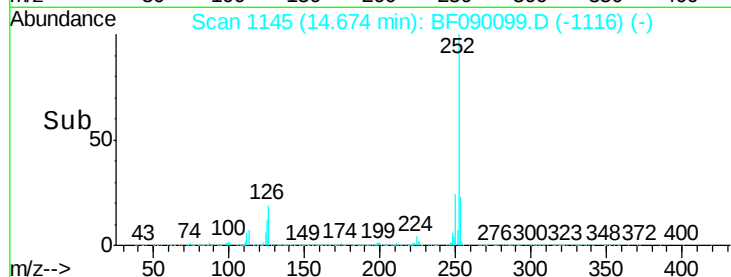
125 12.8 12.7 19.1



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: 108.80 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

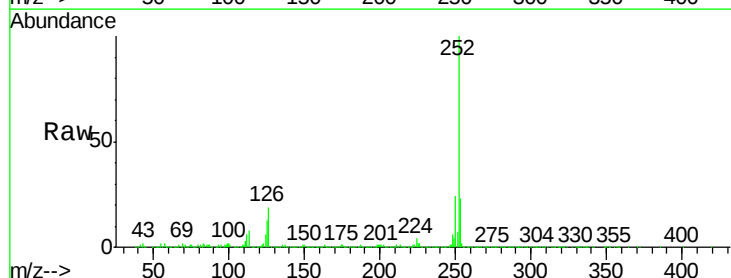
Tgt Ion:252 Resp: 1550996

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

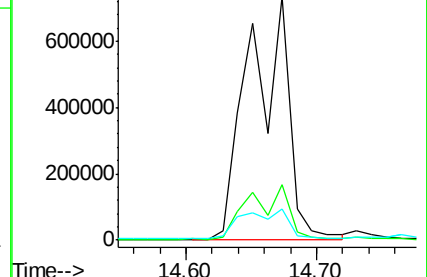
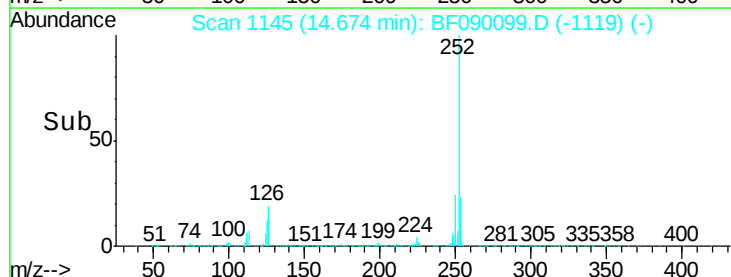
125 12.8 7.8 11.6#

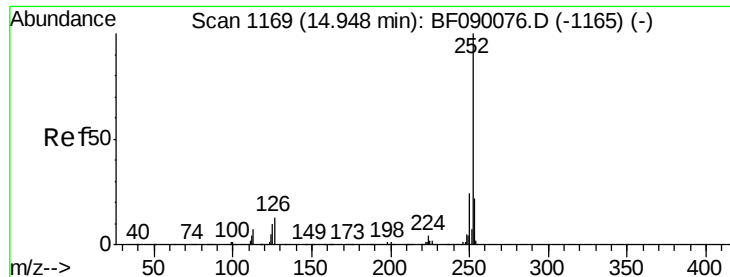


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.10 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

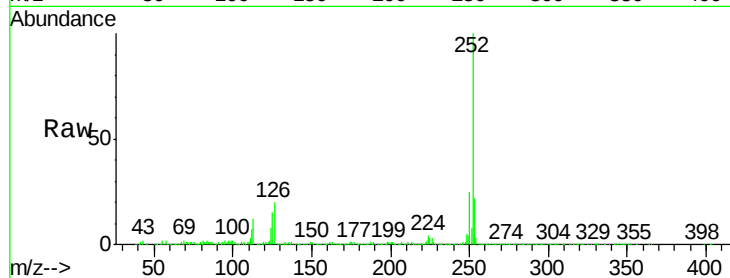
Tgt Ion: 252 Resp: 697157

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

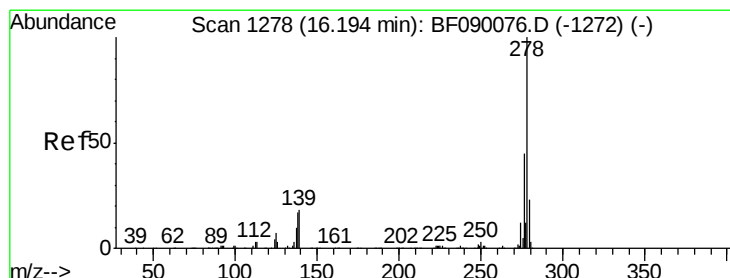
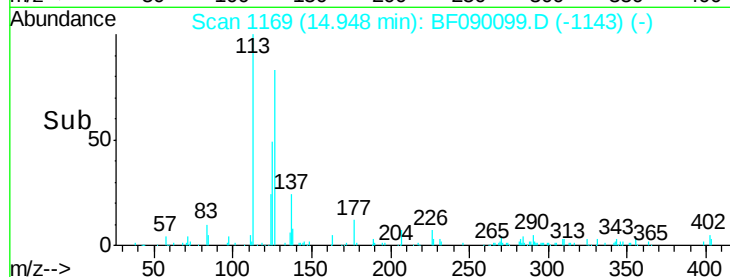
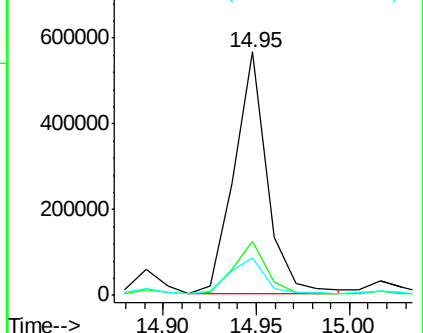
125 15.4 7.7 11.5#



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: 49.05 ng

RT: 16.21 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

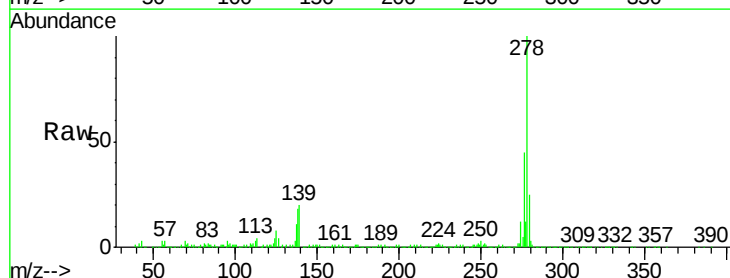
Tgt Ion: 278 Resp: 545411

Ion Ratio Lower Upper

278 100

139 19.5 14.6 21.8

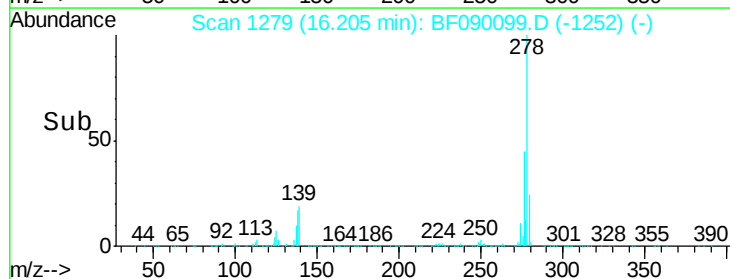
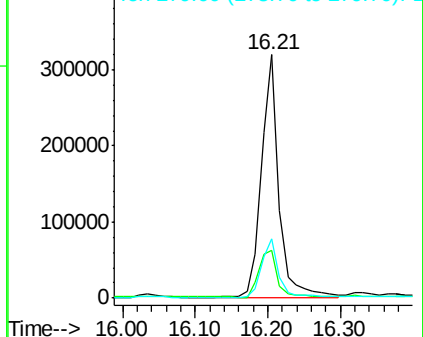
279 24.5 18.8 28.2

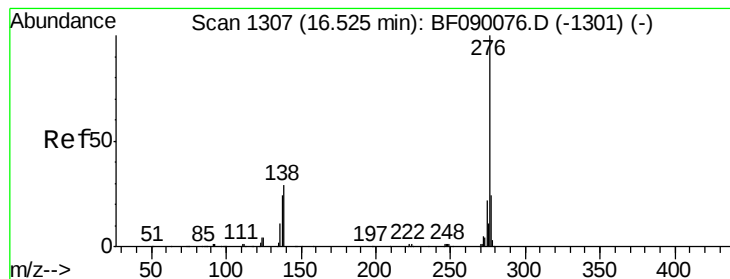


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 52.07 ng

RT: 16.54 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF090099.D

Acq: 15 Sep 2016 18:44

Instrument :

BNA_F

ClientSampleId :

NC-TS-005MS

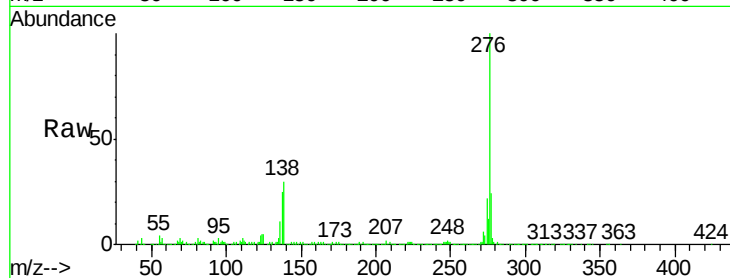
Tgt Ion: 276 Resp: 552628

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 29.6 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

