

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090750.D
 Acq On : 22 Oct 2016 9:41
 Operator : UM/SJ
 Sample : PB94262BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Quant Time: Oct 24 00:46:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259870	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1095958	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	551632	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	824134	20.00	ng	0.00
75) Chrysene-d12	14.02	240	536522	20.00	ng	0.00
86) Perylene-d12	15.46	264	393130	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1774285	110.11	ng	0.02
7) Phenol-d6	6.51	99	2310314	105.85	ng	0.01
23) Nitrobenzene-d5	7.42	82	1447247	72.43	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	544502	124.71	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	2643743	74.40	ng	0.00
78) Terphenyl-d14	12.97	244	2124221	90.74	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	273720	29.36	ng	# 81
3) Pyridine	3.35	79	675915	30.94	ng	# 76
4) n-Nitrosodimethylamine	3.31	42	274733	36.75	ng	# 76
6) Aniline	6.53	93	540553	21.84	ng	# 84
8) 2-Chlorophenol	6.65	128	741082	38.31	ng	91
9) Benzaldehyde	6.41	77	236917	19.85	ng	# 80
10) Phenol	6.52	94	975217	39.75	ng	# 66
11) bis(2-Chloroethyl)ether	6.60	93	836390	40.57	ng	91
12) 1,3-Dichlorobenzene	6.79	146	739095	38.04	ng	# 91
13) 1,4-Dichlorobenzene	6.87	146	817680	39.68	ng	# 93
14) 1,2-Dichlorobenzene	6.87	146	826556	40.97	ng	95
15) Benzyl Alcohol	7.00	79	536215	36.17	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	971549	31.47	ng	70
17) 2-Methylphenol	7.13	107	612463	42.02	ng	# 81
18) Hexachloroethane	7.37	117	301397	36.03	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	570761	35.12	ng	# 68
20) 3+4-Methylphenols	7.27	107	683828	39.58	ng	# 61
22) Acetophenone	7.27	105	988201	40.46	ng	# 83
24) Nitrobenzene	7.45	77	815816	37.66	ng	# 73
25) Isophorone	7.69	82	1522024	40.24	ng	# 89
26) 2-Nitrophenol	7.77	139	384931	43.50	ng	# 85
27) 2,4-Dimethylphenol	7.80	122	631609	40.25	ng	# 81
28) bis(2-Chloroethoxy)methane	7.89	93	915321	44.23	ng	# 93
29) 2,4-Dichlorophenol	8.01	162	582438	45.23	ng	93
30) 1,2,4-Trichlorobenzene	8.09	180	640385	42.25	ng	97
31) Naphthalene	8.17	128	2151970	40.14	ng	96
32) Benzoic acid	7.95	122	336707	33.20	ng	# 62
33) 4-Chloroaniline	8.22	127	268505	13.51	ng	# 92
34) Hexachlorobutadiene	8.28	225	353354	41.47	ng	99
35) Caprolactam	8.60	113	118360	32.18	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	628143	41.94	ng	# 79
37) 2-Methylnaphthalene	8.85	142	1355408	43.26	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	596099	40.02	ng	98
40) Hexachlorocyclopentadiene	9.01	237	633180	90.55	ng	96

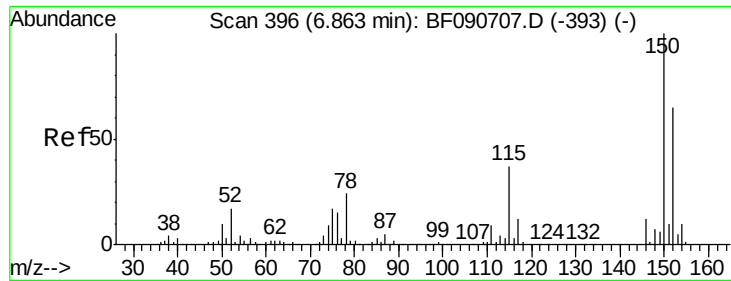
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	394418	42.70	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	410638	43.81	ng #	93
45) 1,1'-Biphenyl	9.32	154	1547149	35.71	ng	91
46) 2-Chloronaphthalene	9.34	162	1249429	38.80	ng #	89
47) 2-Nitroaniline	9.45	65	413337	38.67	ng #	77
48) Acenaphthylene	9.77	152	1980962	40.32	ng	95
49) Dimethylphthalate	9.63	163	1411471	40.72	ng #	97
50) 2,6-Dinitrotoluene	9.69	165	295185	39.60	ng #	51
51) Acenaphthene	9.94	154	1369026	41.97	ng	89
52) 3-Nitroaniline	9.86	138	163158	19.04	ng #	64
53) 2,4-Dinitrophenol	9.96	184	227362	60.76	ng #	33
54) Dibenzofuran	10.11	168	1785592	45.19	ng #	87
55) 4-Nitrophenol	10.03	139	424548	80.60	ng #	45
56) 2,4-Dinitrotoluene	10.10	165	461270	50.63	ng #	95
57) Fluorene	10.45	166	1426205	43.56	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.22	232	327177	44.48	ng	95
59) Diethylphthalate	10.33	149	1417865	39.44	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	659341	44.06	ng #	88
61) 4-Nitroaniline	10.47	138	299241	34.48	ng #	47
62) Azobenzene	10.60	77	1670150	39.67	ng	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	167132	33.18	ng #	72
65) n-Nitrosodiphenylamine	10.57	169	1227043	46.47	ng	90
66) 4-Bromophenyl-phenylether	10.93	248	408259	51.10	ng	95
67) Hexachlorobenzene	11.00	284	476279	50.52	ng #	80
68) Atrazine	11.09	200	331380	45.47	ng	85
69) Pentachlorophenol	11.19	266	444322	76.09	ng	98
70) Phenanthrene	11.46	178	1828687	43.53	ng	95
71) Anthracene	11.46	178	1842715	39.56	ng	95
72) Carbazole	11.62	167	1681799	43.18	ng #	93
73) Di-n-butylphthalate	11.95	149	2161246	42.78	ng #	96
74) Fluoranthene	12.60	202	1769897	43.55	ng	88
76) Benzidine	12.72	184	285999	24.01	ng	96
77) Pyrene	12.82	202	1678559	44.80	ng	94
79) Butylbenzylphthalate	13.45	149	898120	52.14	ng	93
80) Benzo(a)anthracene	14.01	228	1276707	43.48	ng	95
81) 3,3'-Dichlorobenzidine	13.97	252	262771	25.83	ng	99
82) Chrysene	14.01	228	1276707	44.55	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1142733	46.37	ng #	96
84) Di-n-octyl phthalate	14.61	149	1636863	43.76	ng #	92
85) Indeno(1,2,3-cd)pyrene	16.86	276	1045094	41.80	ng #	95
87) Benzo(b)fluoranthene	15.05	252	1048495	43.37	ng #	88
88) Benzo(k)fluoranthene	15.05	252	1048495	43.16	ng #	89
89) Benzo(a)pyrene	15.40	252	962336	42.43	ng #	87
90) Dibenzo(a,h)anthracene	16.89	278	900954	41.37	ng #	83
91) Benzo(g,h,i)perylene	17.30	276	841426	39.84	ng #	80

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

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ClientSampleId :

PB94209BS

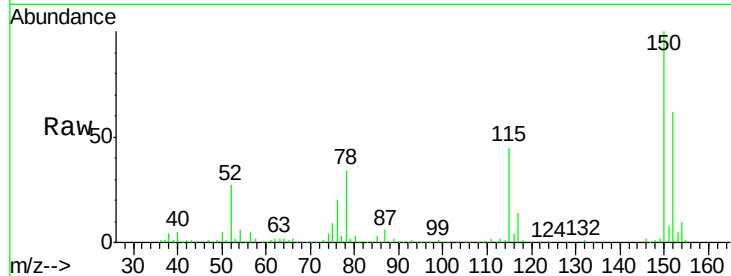
Tgt Ion:152 Resp: 259870

Ion Ratio Lower Upper

152 100

150 160.7 124.7 187.1

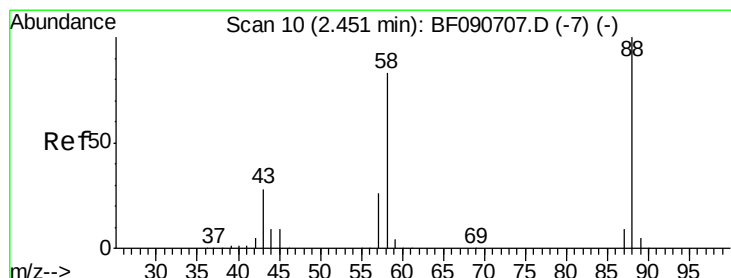
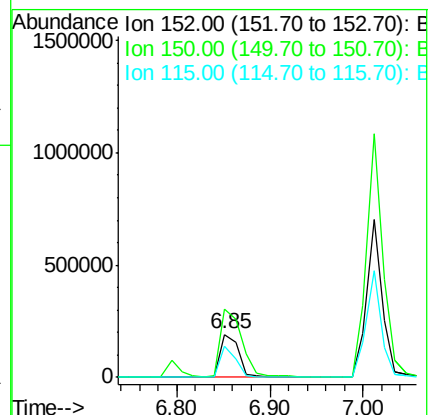
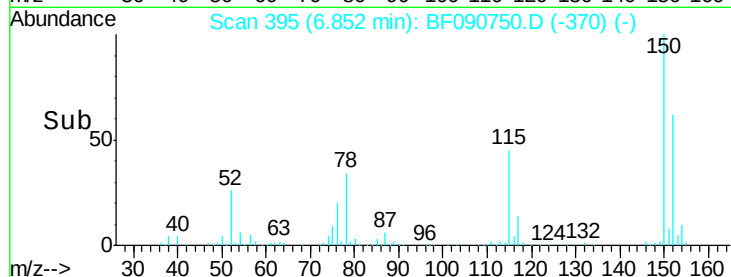
115 72.7 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.36 ng

RT: 2.63 min Scan# 26

Delta R.T. 0.15 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

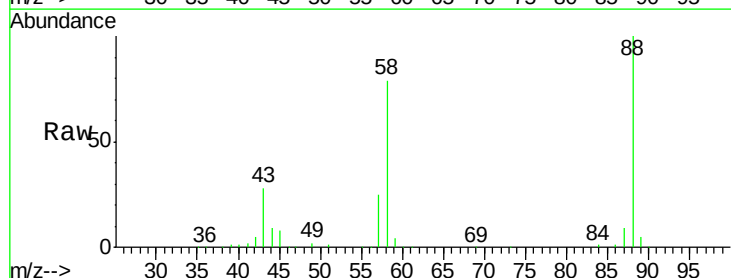
Tgt Ion: 88 Resp: 273720

Ion Ratio Lower Upper

88 100

58 76.8 77.7 116.5#

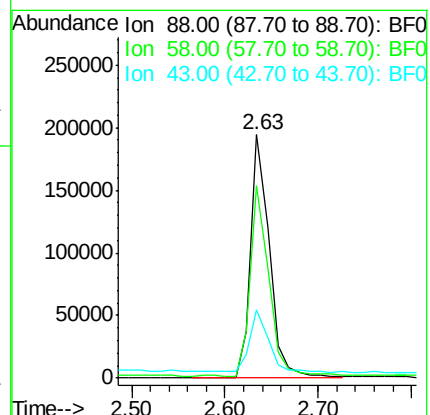
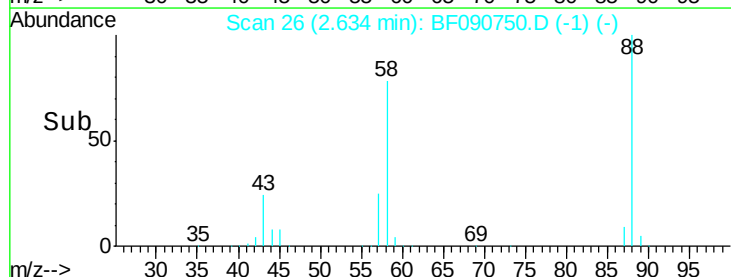
43 25.6 26.6 40.0#

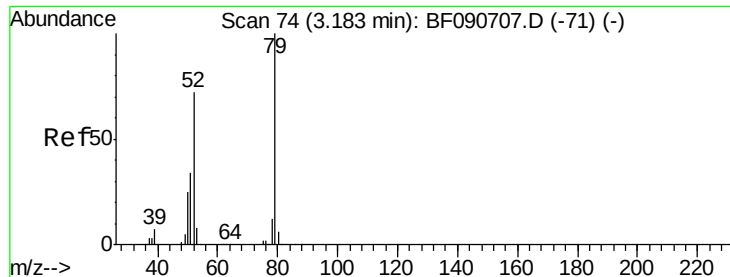


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.94 ng

RT: 3.35 min Scan# 89

Delta R.T. 0.15 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

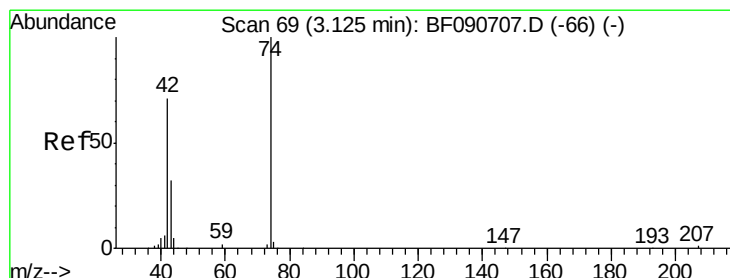
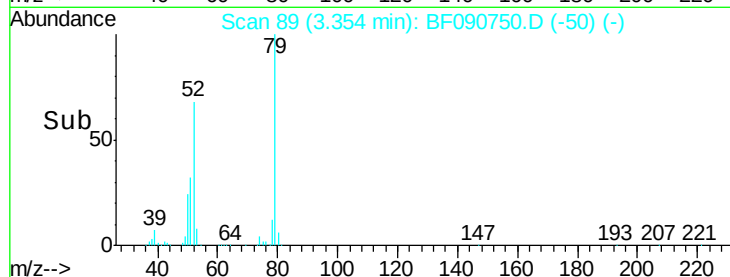
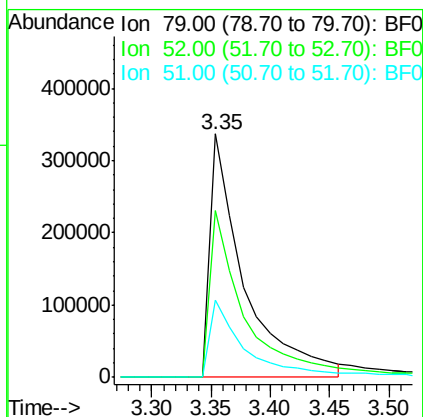
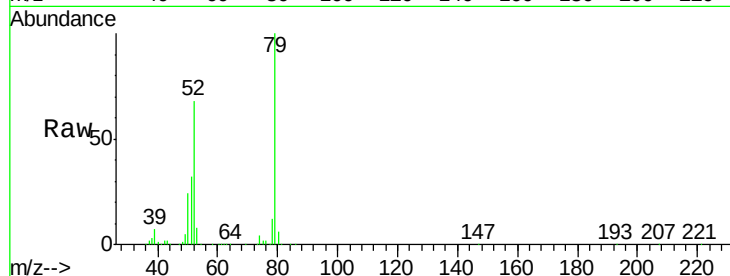
Tgt Ion: 79 Resp: 675915

Ion Ratio Lower Upper

79 100

52 68.3 76.8 115.2#

51 32.0 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 36.75 ng

RT: 3.31 min Scan# 85

Delta R.T. 0.15 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

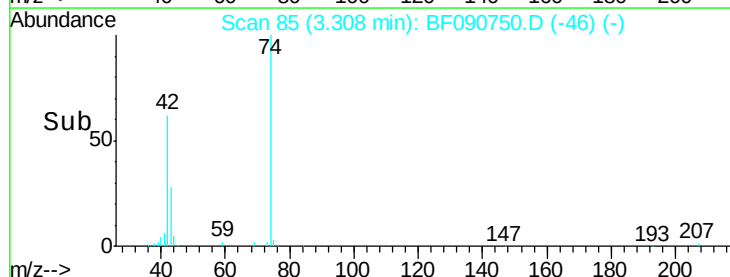
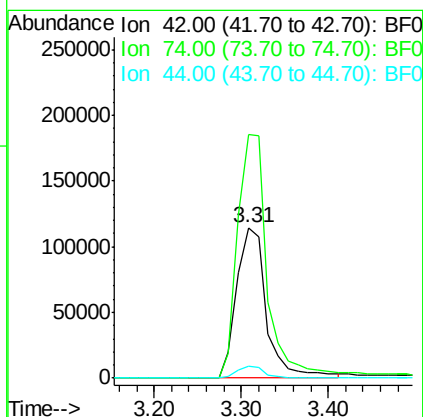
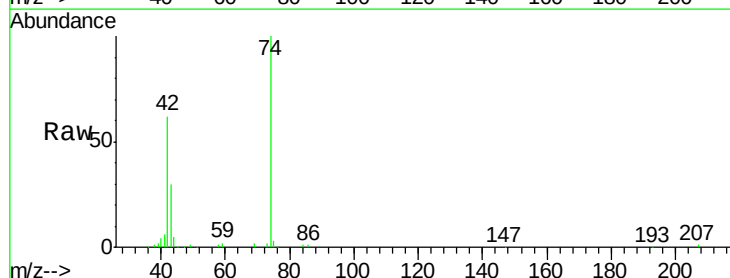
Tgt Ion: 42 Resp: 274733

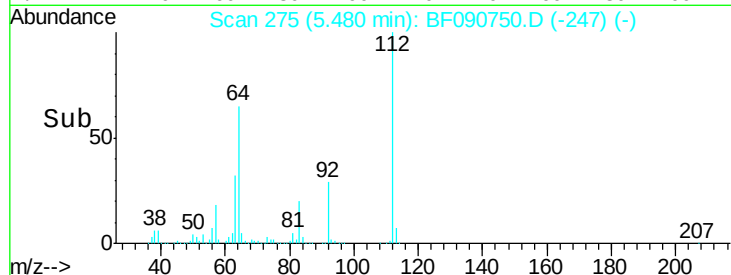
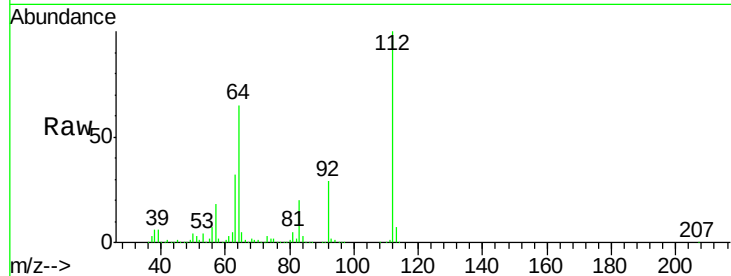
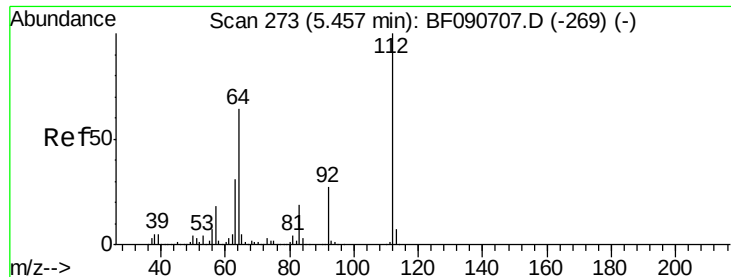
Ion Ratio Lower Upper

42 100

74 161.6 105.0 157.6#

44 7.6 6.6 10.0





#5

2-Fluorophenol

Concen: 110.11 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

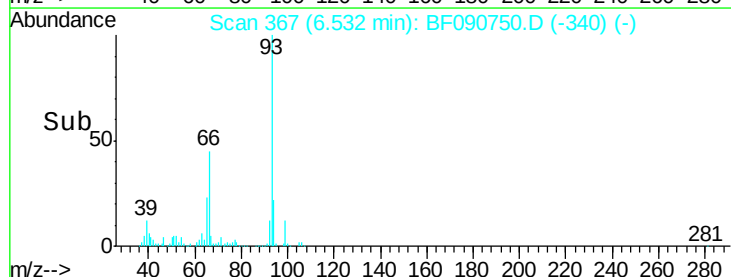
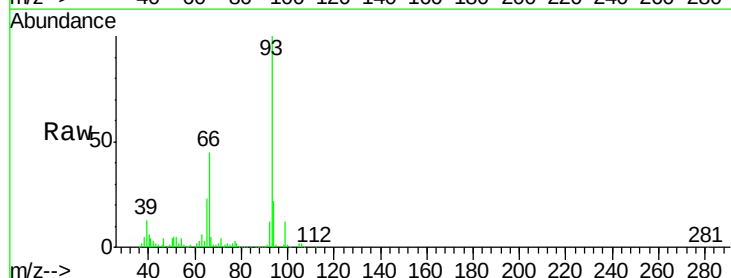
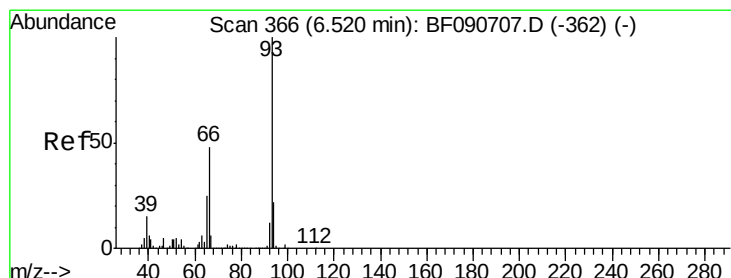
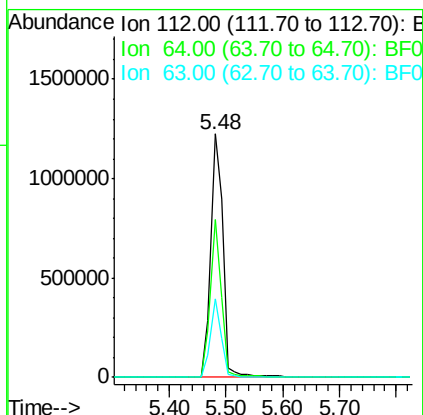
Tgt Ion: 112 Resp: 1774285

Ion Ratio Lower Upper

112 100

64 64.8 39.7 59.5#

63 32.2 17.4 26.0#



#6

Aniline

Concen: 21.84 ng

RT: 6.53 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

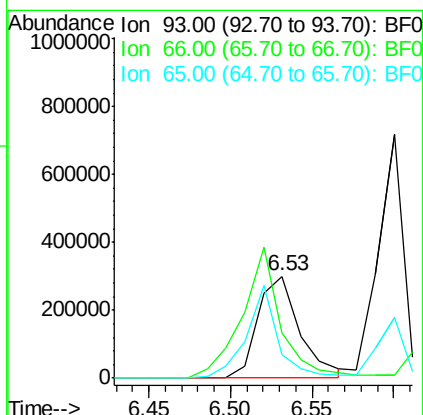
Tgt Ion: 93 Resp: 540553

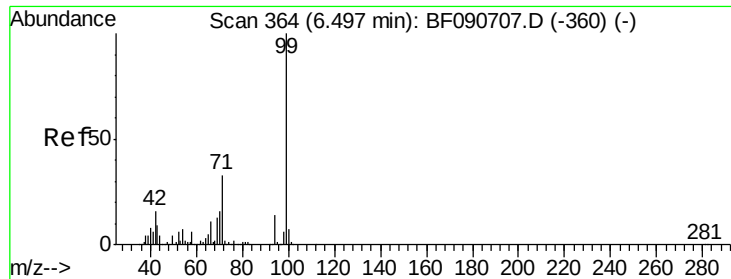
Ion Ratio Lower Upper

93 100

66 45.0 27.2 40.8#

65 23.3 14.7 22.1#





#7

Phenol-d6

Concen: 105.85 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

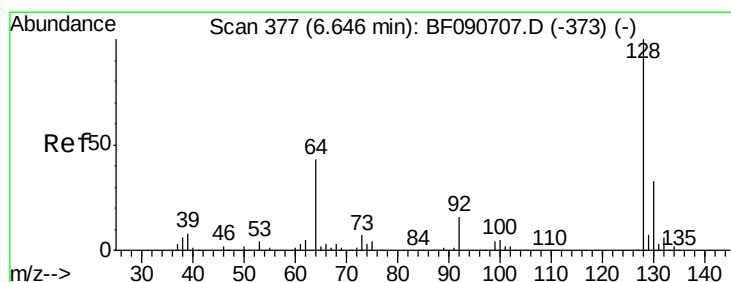
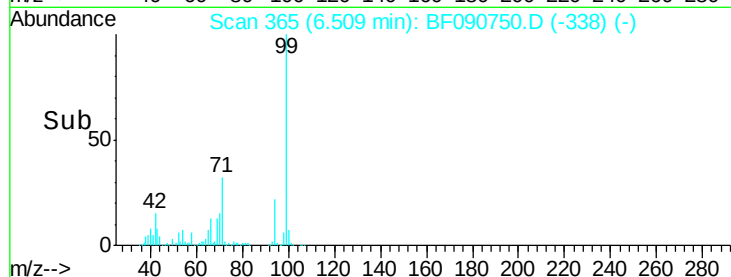
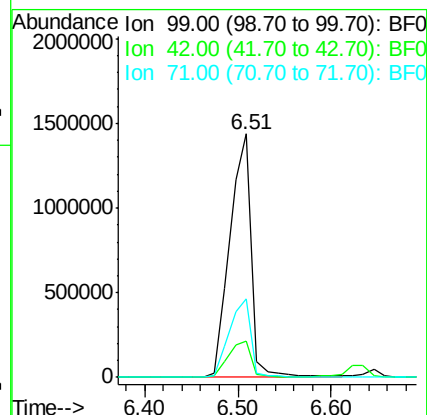
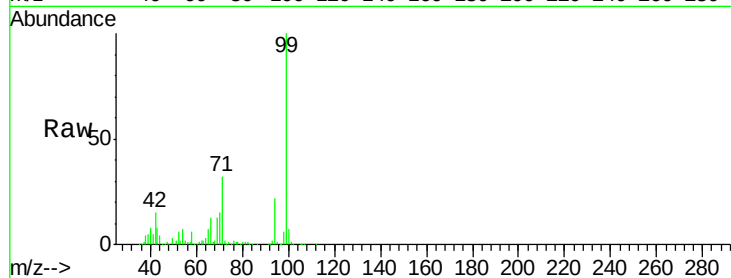
Tgt Ion: 99 Resp: 2310314

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

71 32.0 14.2 21.2#



#8

2-Chlorophenol

Concen: 38.31 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

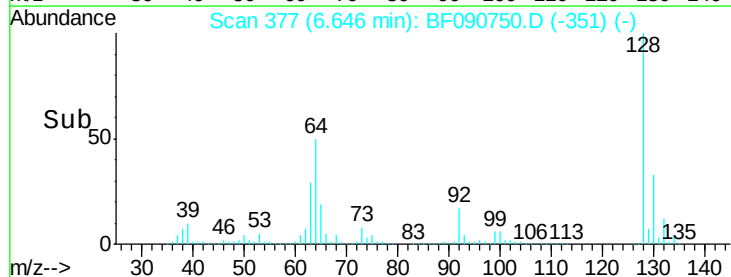
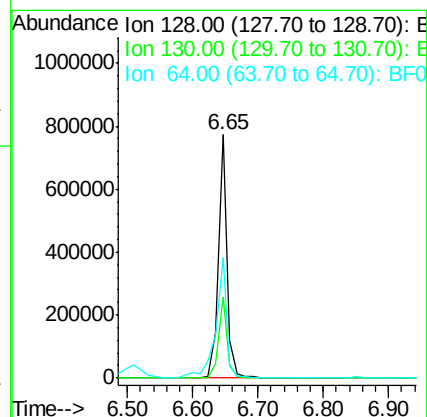
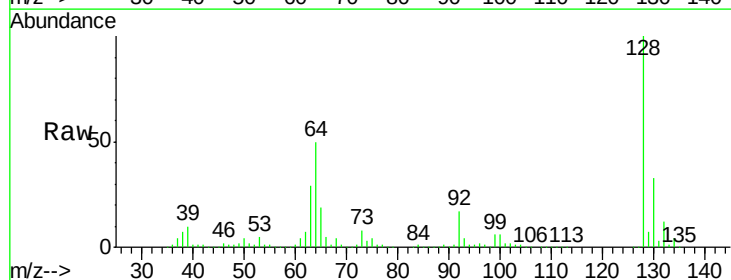
Tgt Ion: 128 Resp: 741082

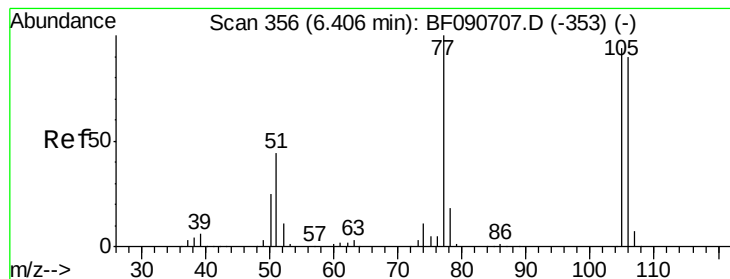
Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

64 49.8 20.5 60.5





#9

Benzaldehyde

Concen: 19.85 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

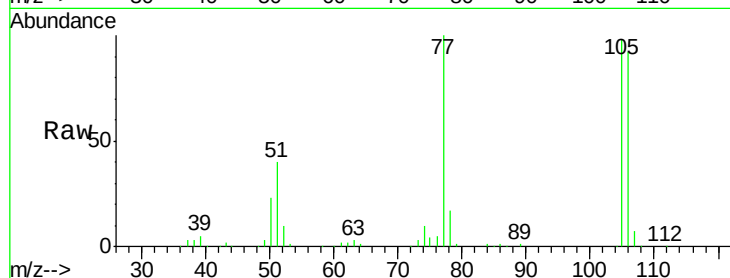
Tgt Ion: 77 Resp: 236917

Ion Ratio Lower Upper

77 100

105 97.6 91.6 131.6

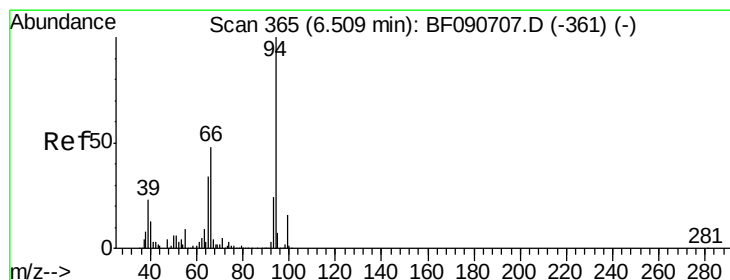
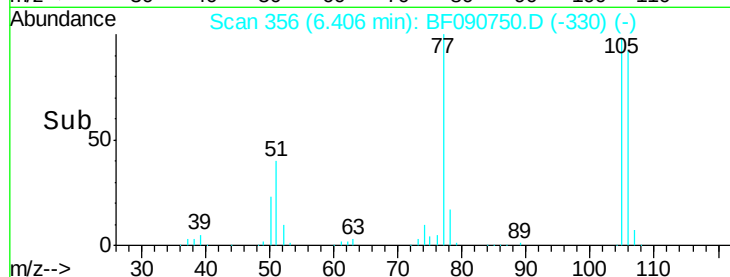
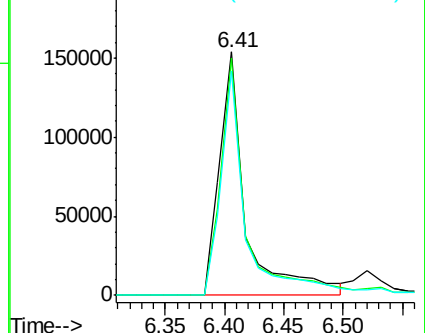
106 92.4 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.75 ng

RT: 6.52 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

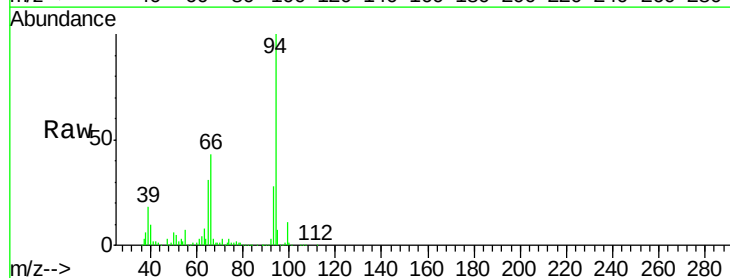
Tgt Ion: 94 Resp: 975217

Ion Ratio Lower Upper

94 100

65 30.7 0.7 40.7

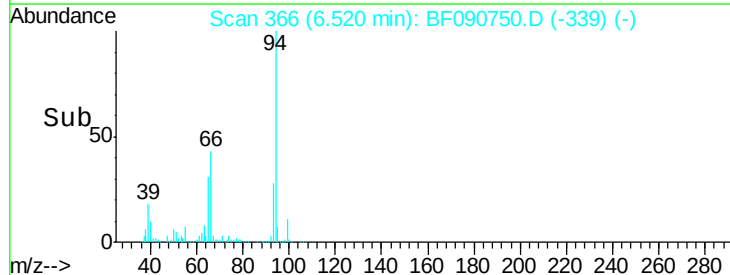
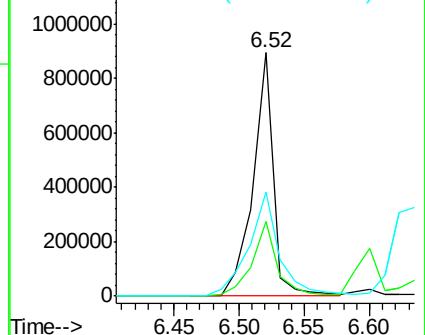
66 42.9 0.8 40.8#

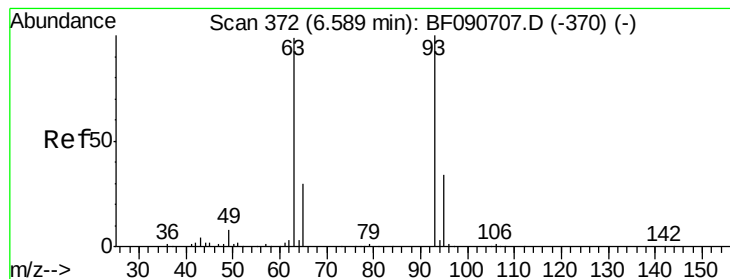


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.57 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

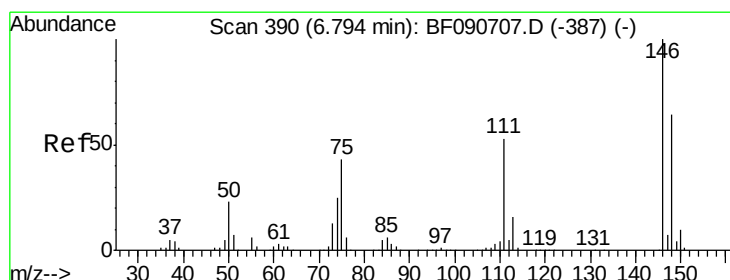
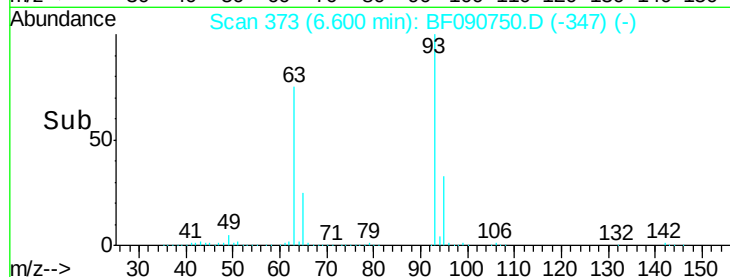
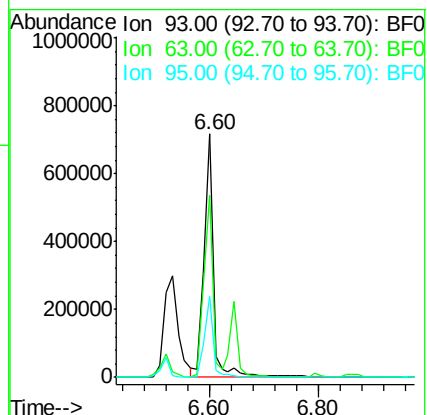
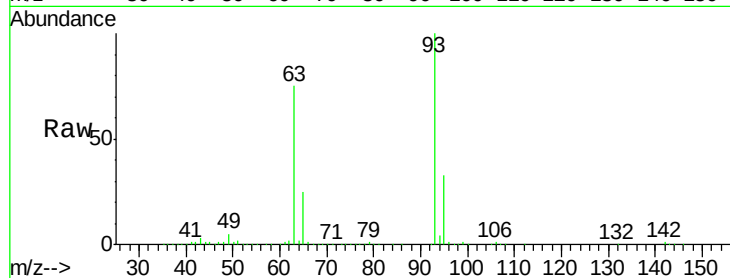
Tgt Ion: 93 Resp: 836390

Ion Ratio Lower Upper

93 100

63 74.8 65.6 105.6

95 33.4 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 38.04 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

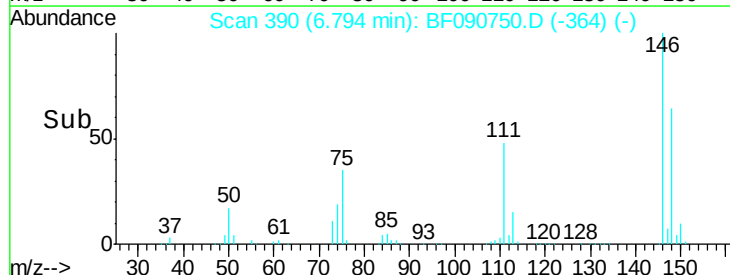
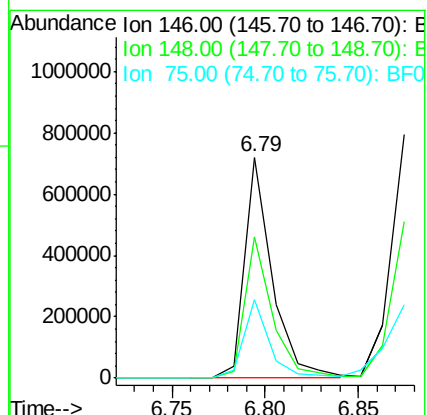
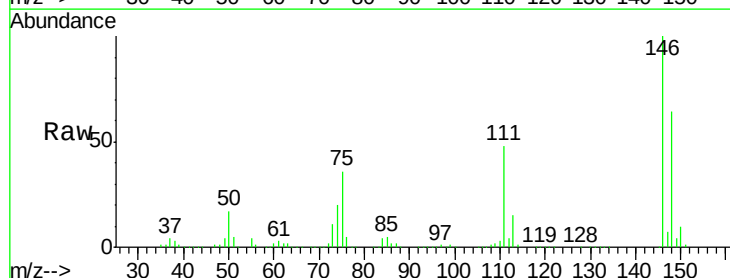
Tgt Ion: 146 Resp: 739095

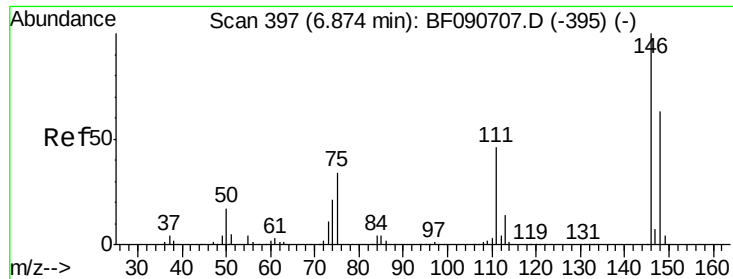
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

75 35.6 15.0 22.6#

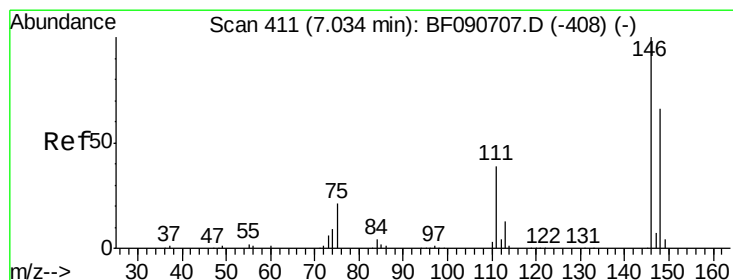
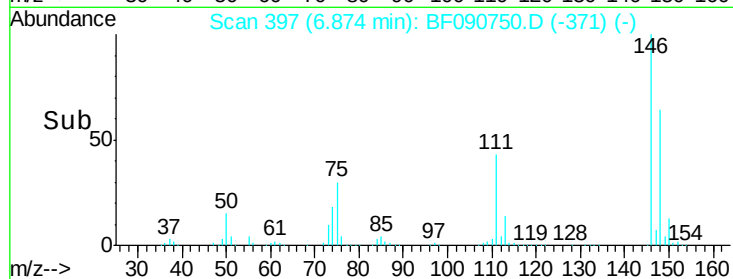
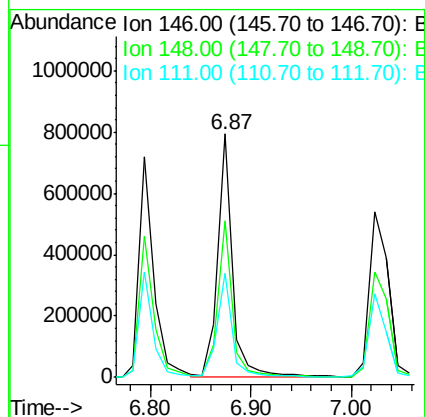
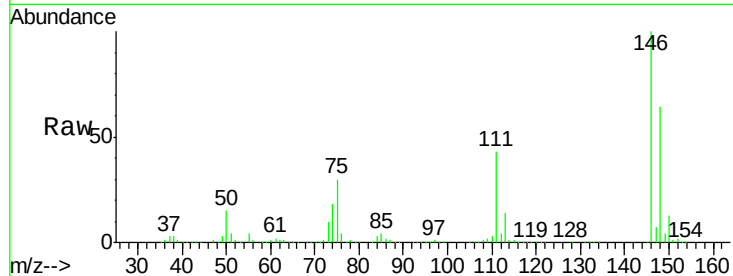




#13
 1,4-Dichlorobenzene
 Concen: 39.68 ng
 RT: 6.87 min Scan# 397
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

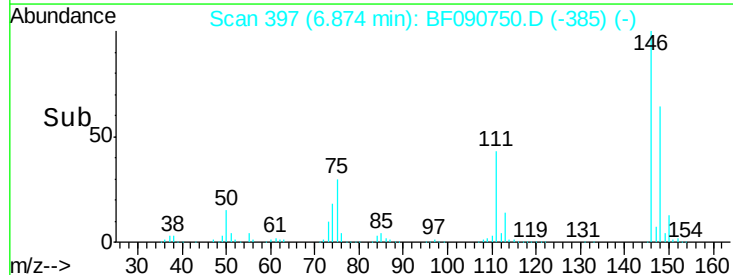
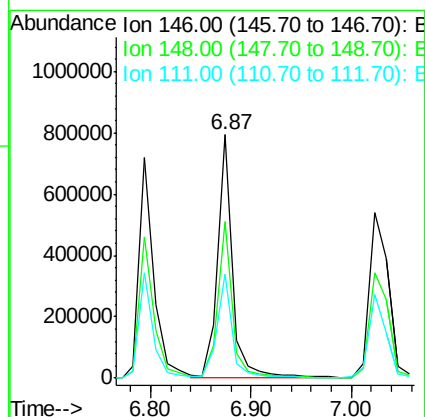
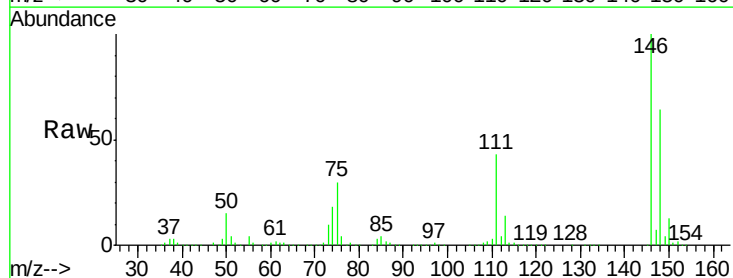
Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

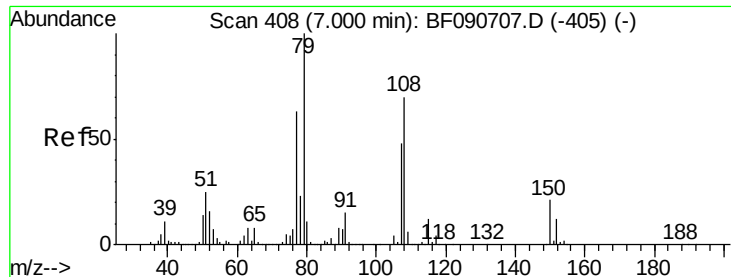
Tgt Ion:146 Resp: 817680
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 42.7 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 40.97 ng
 RT: 6.87 min Scan# 397
 Delta R.T. -0.16 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion:146 Resp: 826556
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.7 79.1
 111 42.7 28.8 43.2





#15

Benzyl Alcohol

Concen: 36.17 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

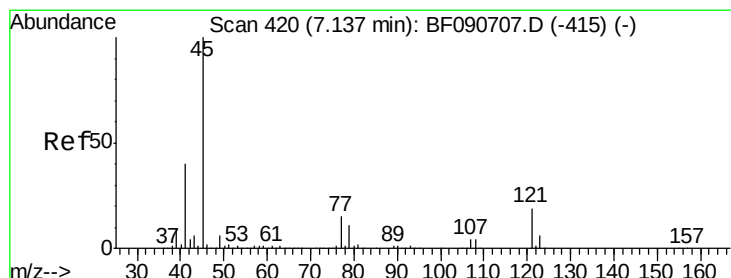
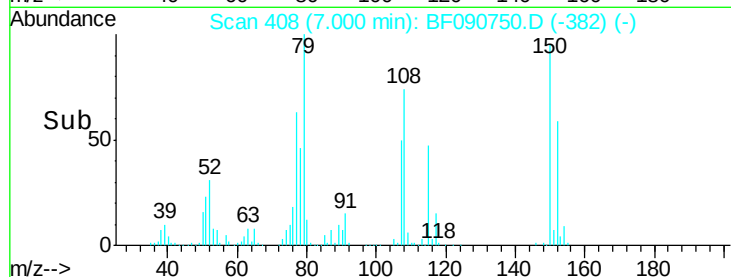
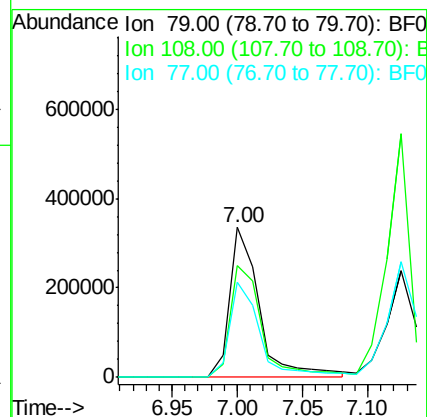
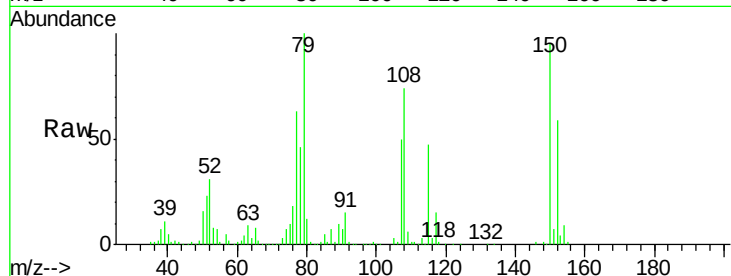
Tgt Ion: 79 Resp: 536215

Ion Ratio Lower Upper

79 100

108 74.1 88.6 132.8#

77 63.2 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.47 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

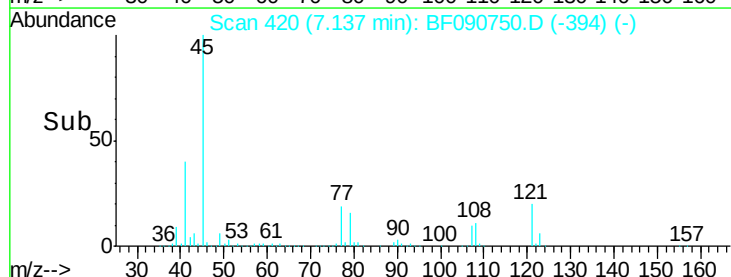
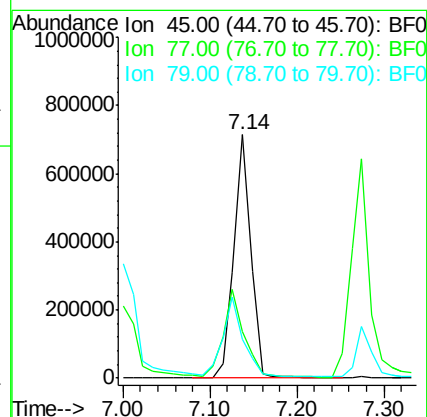
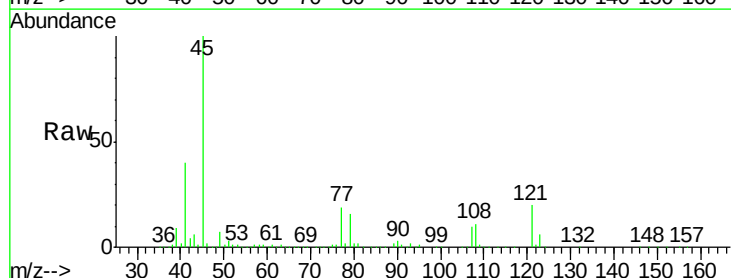
Tgt Ion: 45 Resp: 971549

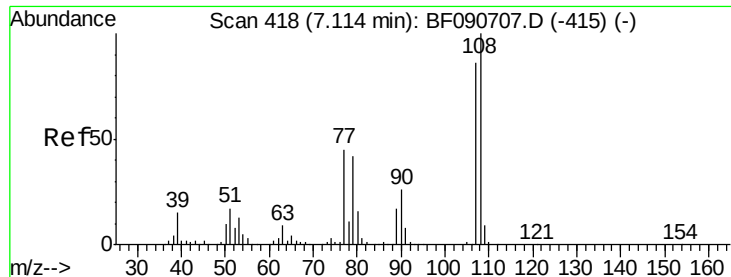
Ion Ratio Lower Upper

45 100

77 19.1 0.0 28.1

79 15.8 0.0 26.0

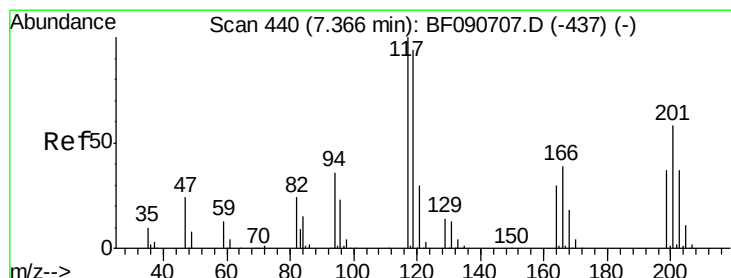
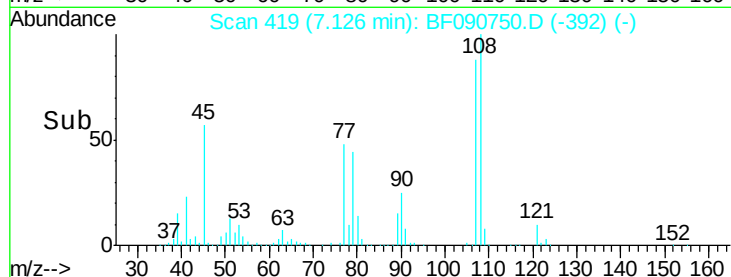
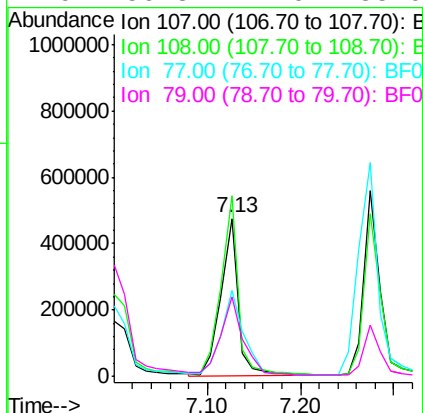
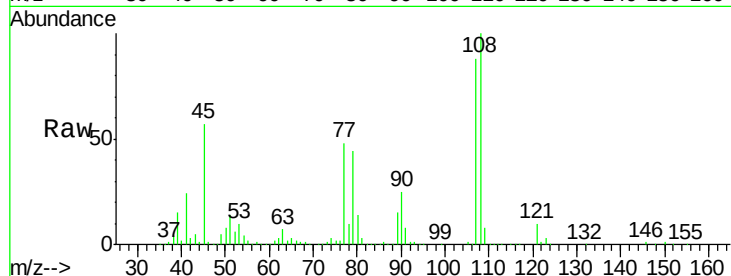




#17
2-Methylphenol
Concen: 42.02 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

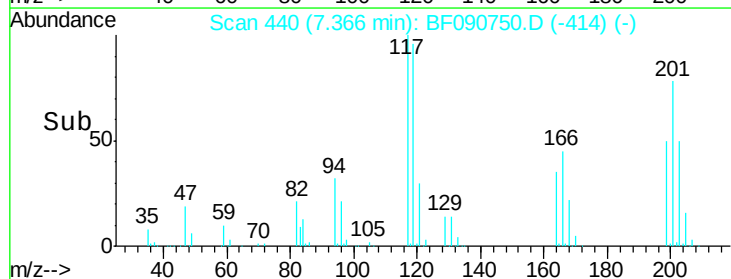
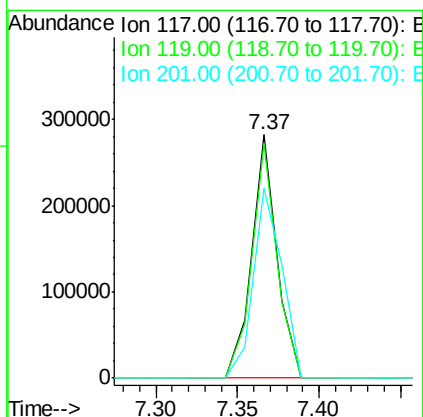
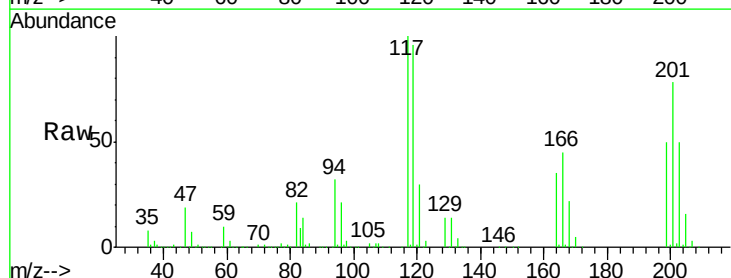
Instrument :
BNA_F
ClientSampleId :
PB94209BS

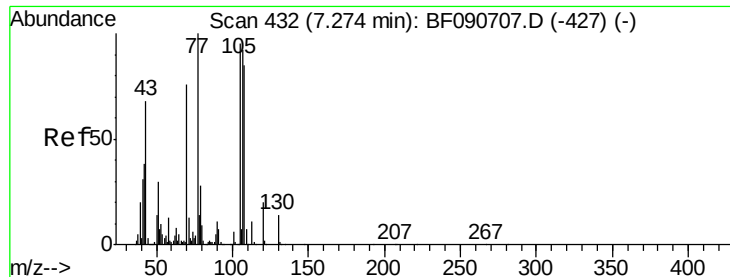
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.2	96.6	145.0
77	54.4	23.3	34.9#
79	50.3	22.0	33.0#



#18
Hexachloroethane
Concen: 36.03 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	83.8	125.6
201	78.0	55.1	82.7

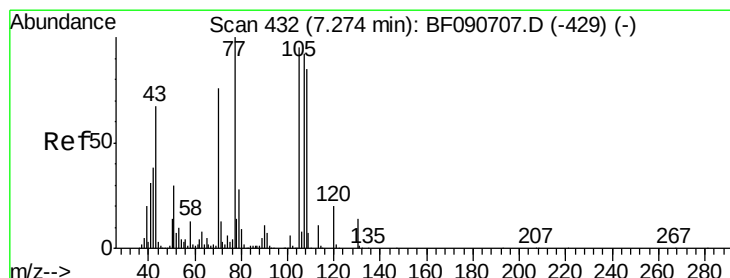
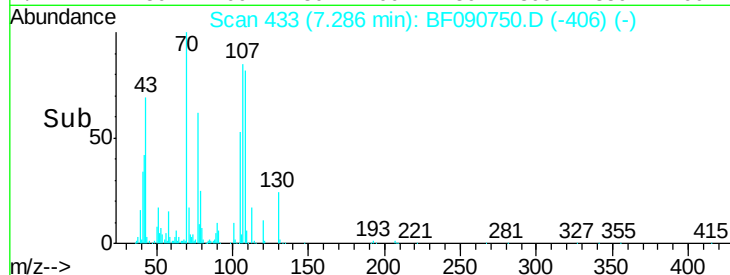
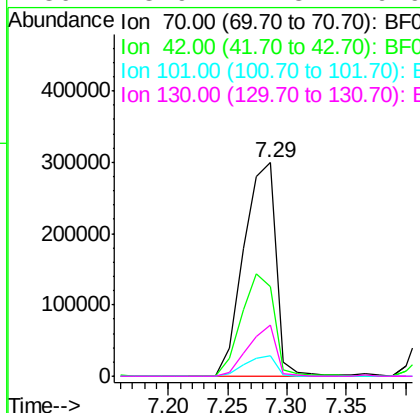
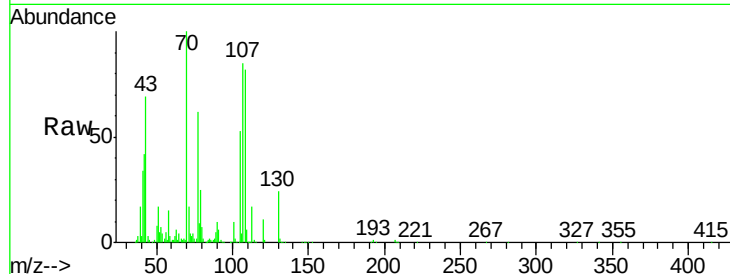




#19
n-Nitroso-di-n-propylamine
Concen: 35.12 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

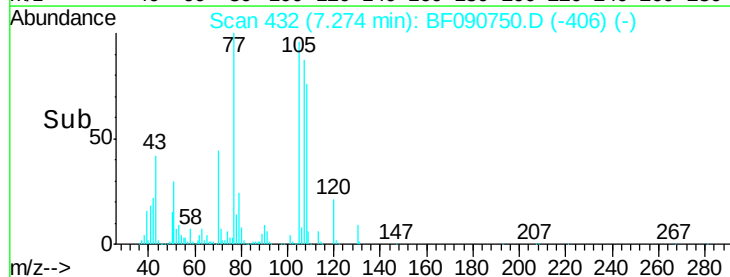
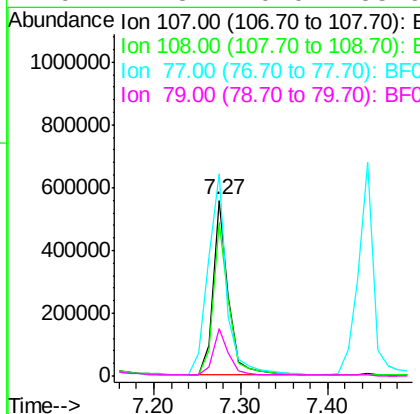
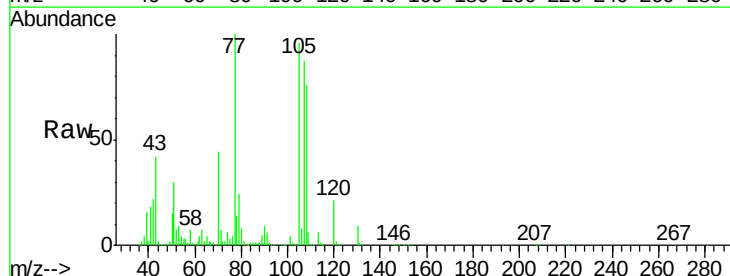
Instrument :
BNA_F
ClientSampleId :
PB94209BS

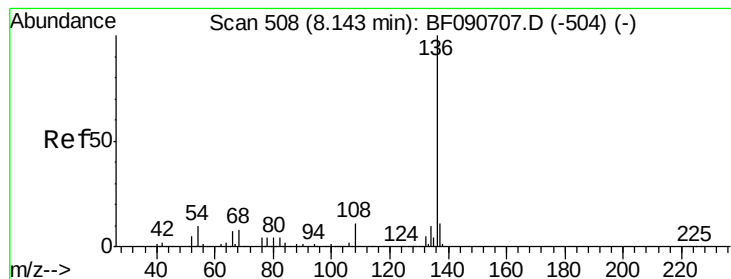
Tgt Ion: 70 Resp: 570761
Ion Ratio Lower Upper
70 100
42 42.0 63.8 95.6#
101 9.9 9.2 13.8
130 23.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 39.58 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion: 107 Resp: 683828
Ion Ratio Lower Upper
107 100
108 87.5 74.6 114.6
77 115.2 0.7 40.7#
79 27.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tgt Ion:136 Resp: 1095958

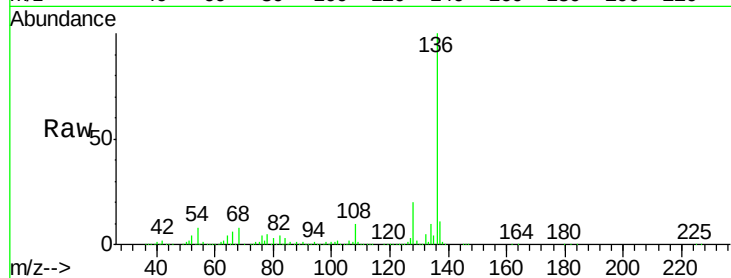
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.3 8.2 12.2

68 7.7 5.8 8.6

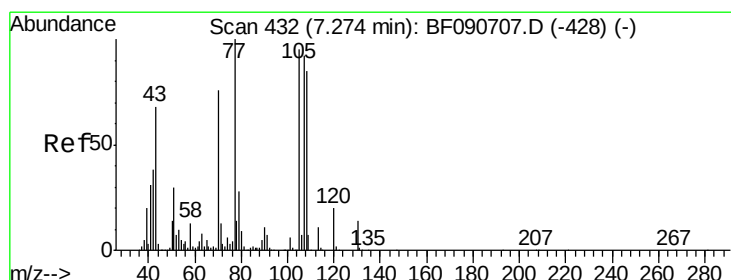
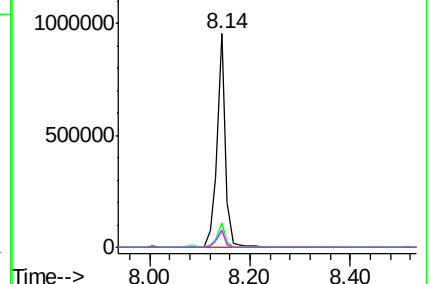
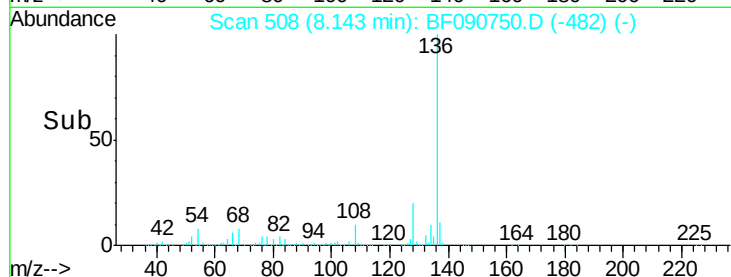


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.46 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tgt Ion:105 Resp: 988201

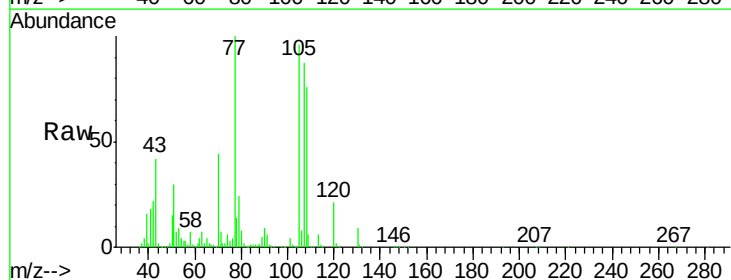
Ion Ratio Lower Upper

105 100

71 7.6 4.7 7.1#

51 31.7 22.0 33.0

120 22.0 30.1 45.1#

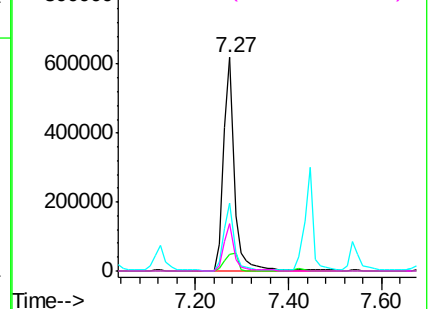
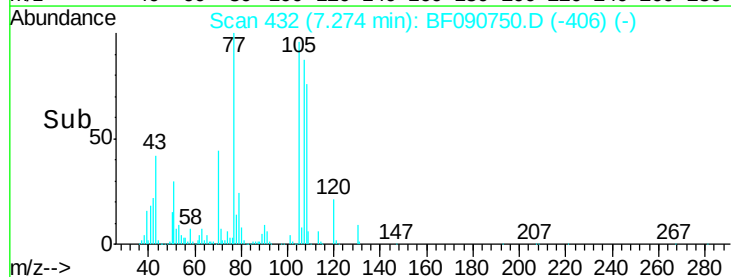


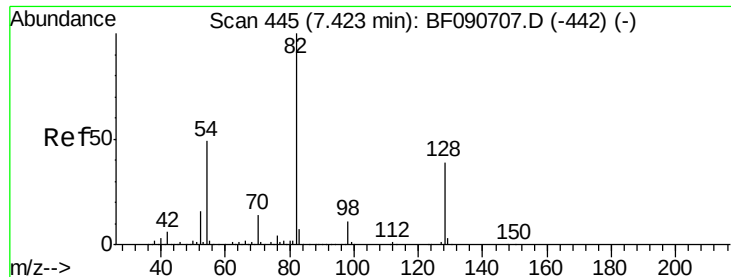
Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.43 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

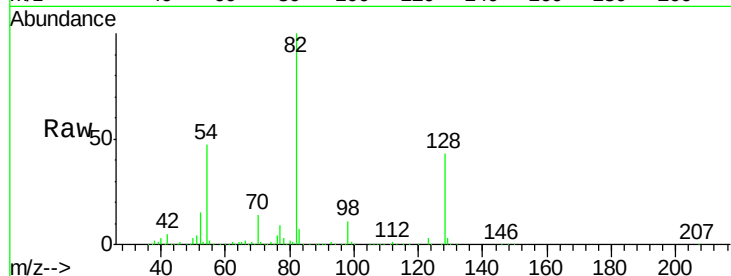
Tgt Ion: 82 Resp: 1447247

Ion Ratio Lower Upper

82 100

128 42.9 51.0 76.6#

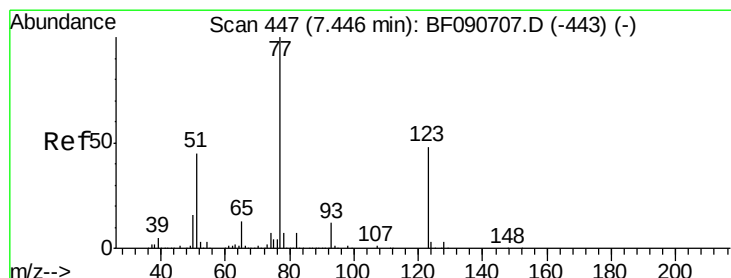
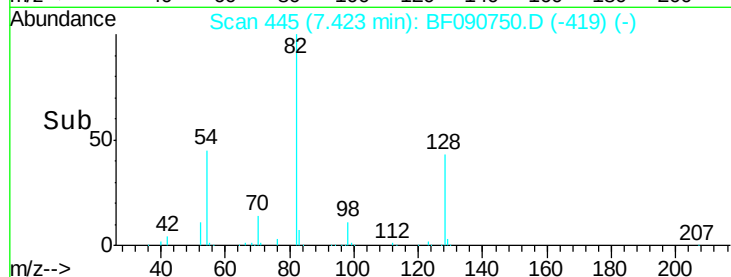
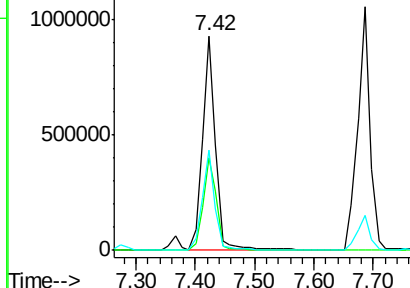
54 46.7 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.66 ng

RT: 7.45 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

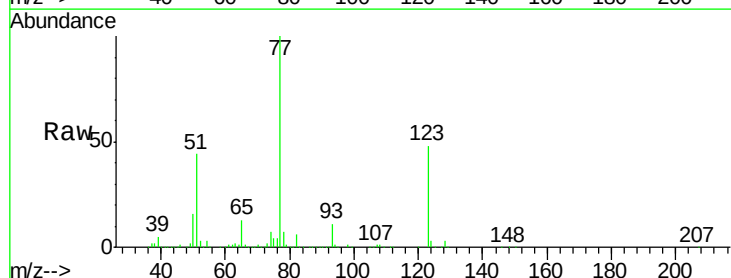
Tgt Ion: 77 Resp: 815816

Ion Ratio Lower Upper

77 100

123 47.8 59.8 89.8#

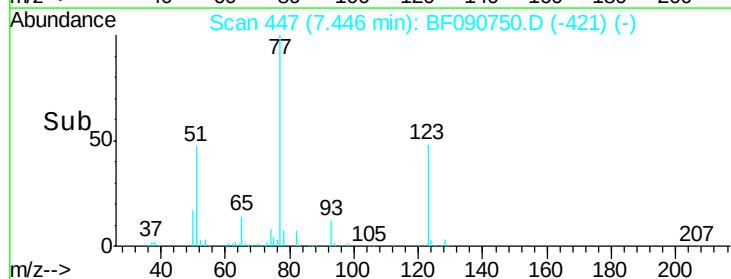
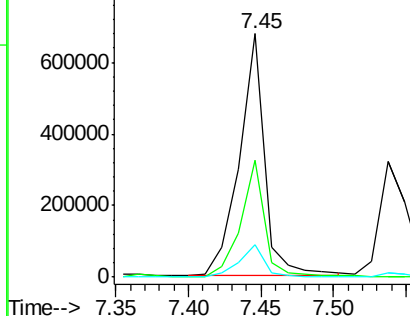
65 13.2 10.2 15.4

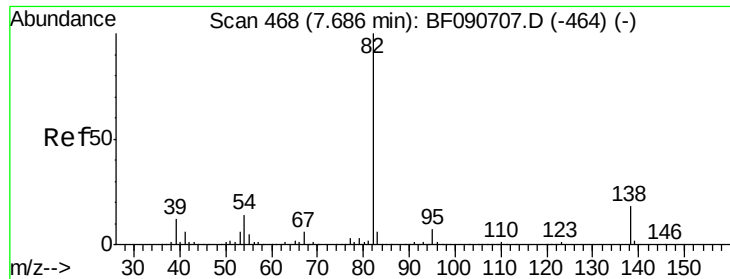


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.24 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

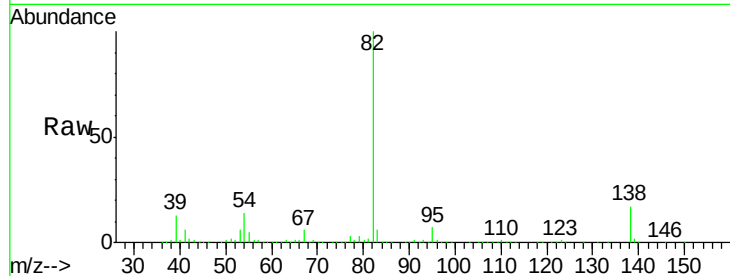
Tgt Ion: 82 Resp: 1522024

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

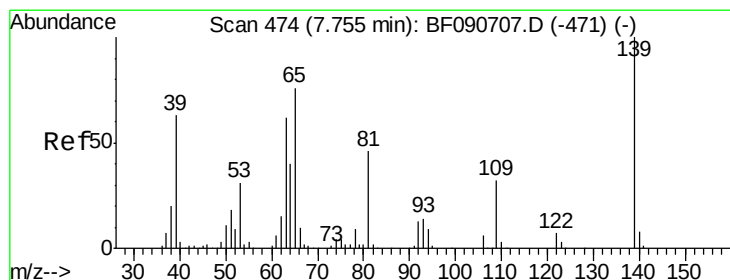
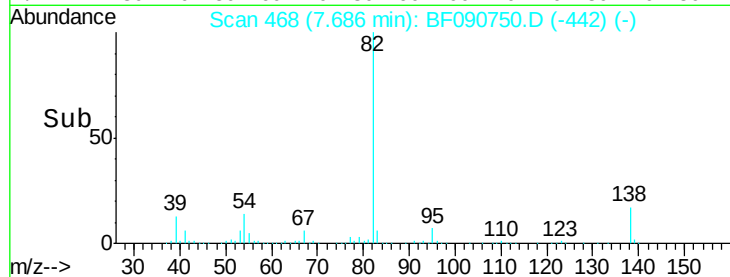
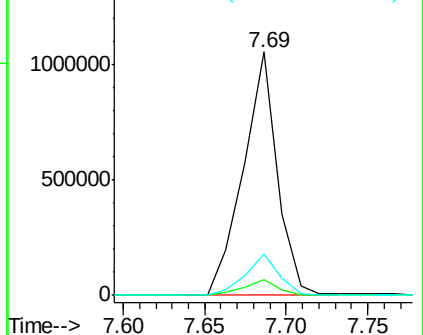
138 17.1 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.50 ng

RT: 7.77 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

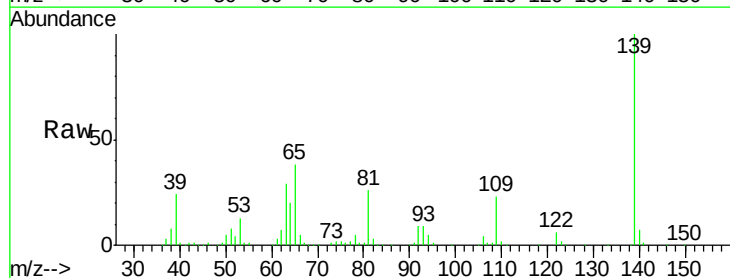
Tgt Ion: 139 Resp: 384931

Ion Ratio Lower Upper

139 100

109 22.7 11.0 16.4#

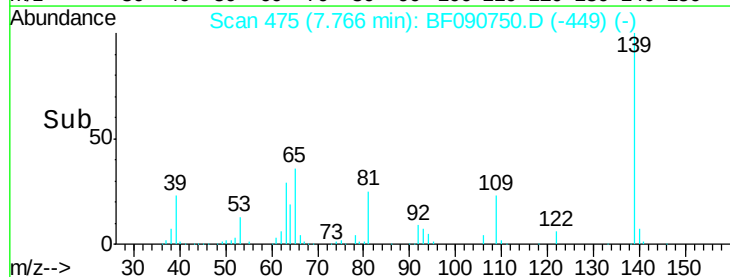
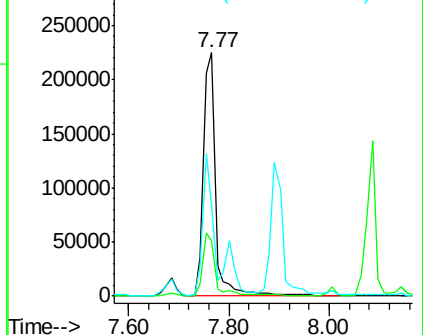
65 37.5 24.7 37.1#

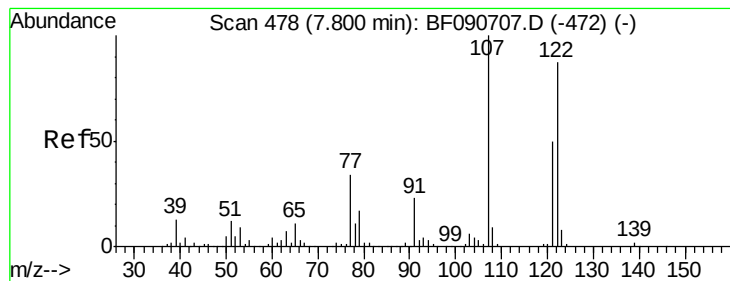


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.25 ng

RT: 7.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

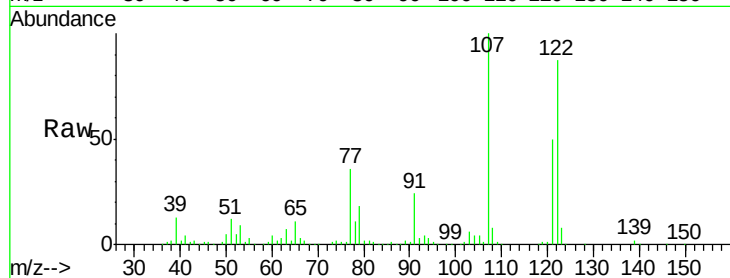
Tgt Ion:122 Resp: 631609

Ion Ratio Lower Upper

122 100

107 114.6 71.8 107.6#

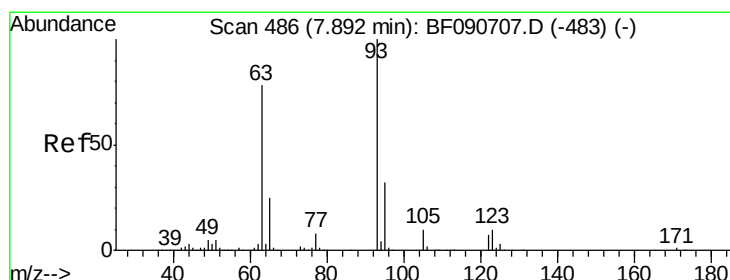
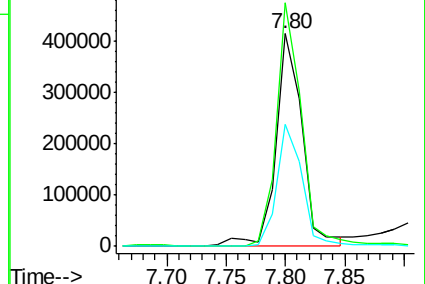
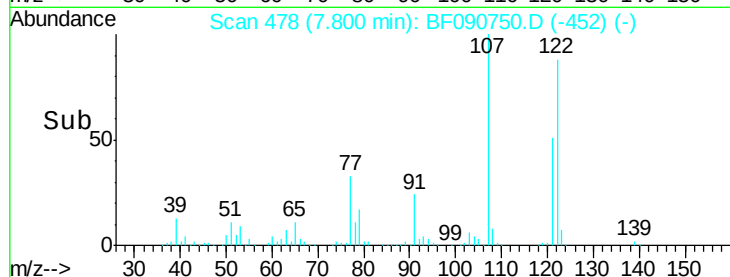
121 57.7 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.23 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

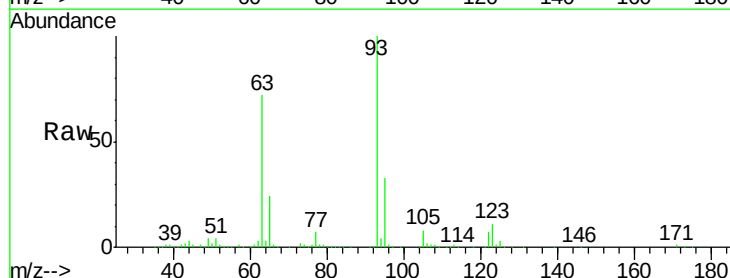
Tgt Ion: 93 Resp: 915321

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

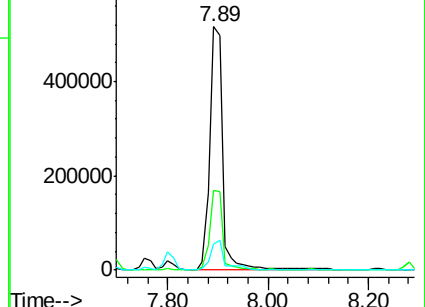
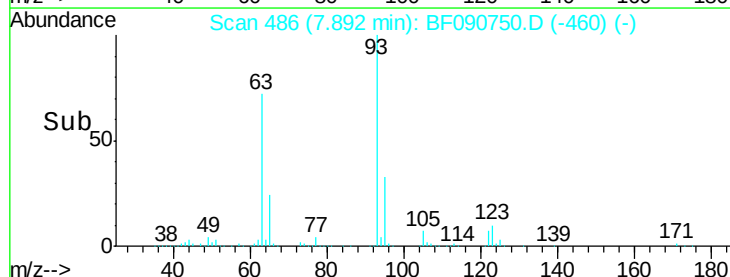
123 10.6 13.7 20.5#

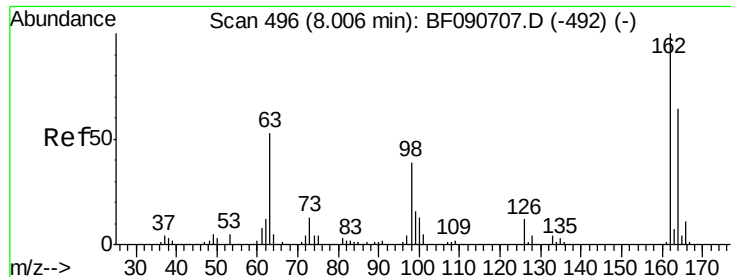


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

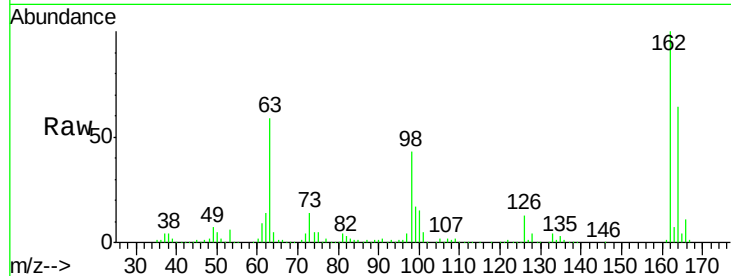




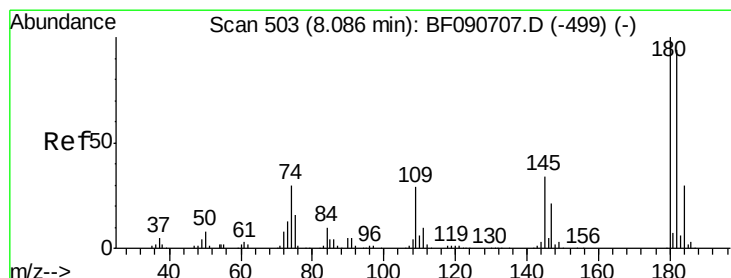
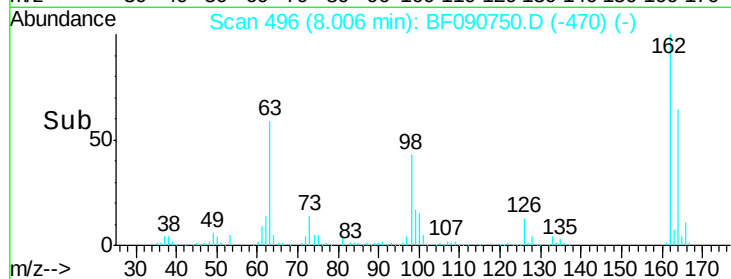
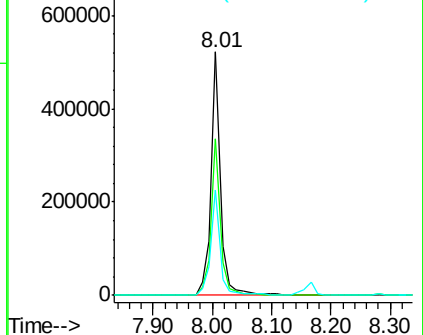
#29
2,4-Dichlorophenol
Concen: 45.23 ng
RT: 8.01 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tgt Ion:162 Resp: 582438
Ion Ratio Lower Upper
162 100
164 64.2 44.9 84.9
98 43.4 13.0 53.0

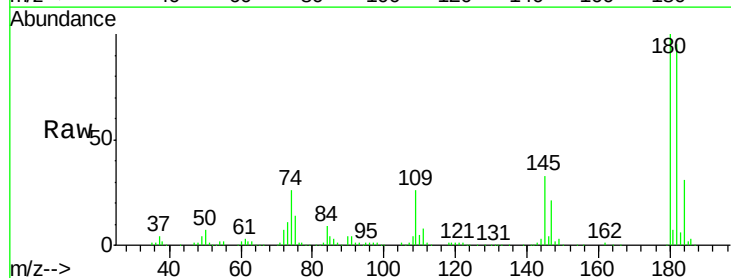


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

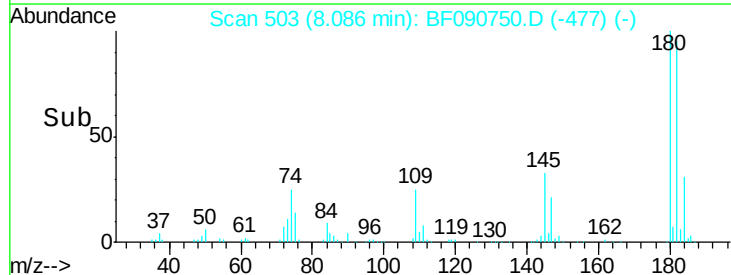
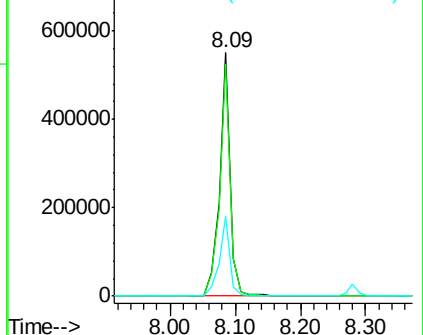


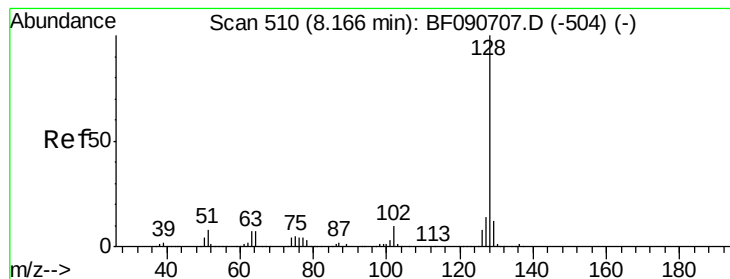
#30
1,2,4-Trichlorobenzene
Concen: 42.25 ng
RT: 8.09 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion:180 Resp: 640385
Ion Ratio Lower Upper
180 100
182 95.1 77.1 115.7
145 32.5 23.3 34.9



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





#31

Naphthalene

Concen: 40.14 ng

RT: 8.17 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

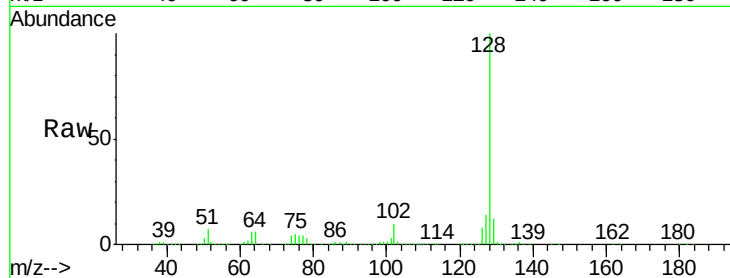
Tgt Ion:128 Resp: 2151970

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

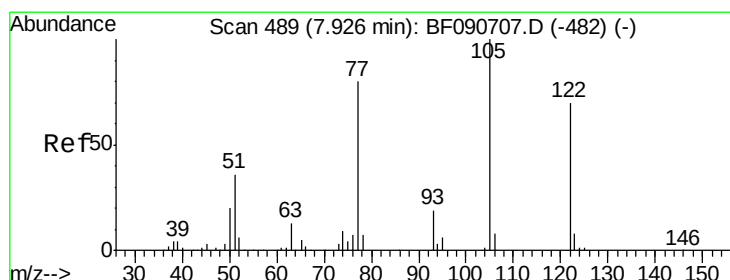
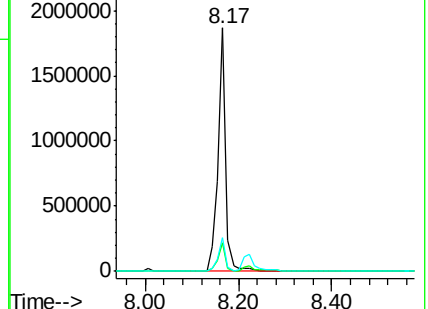
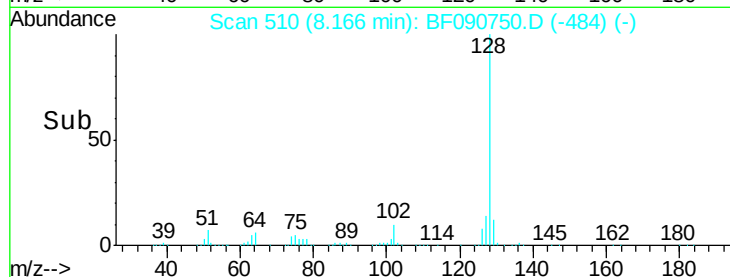
127 13.8 9.9 14.9



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: 33.20 ng

RT: 7.95 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

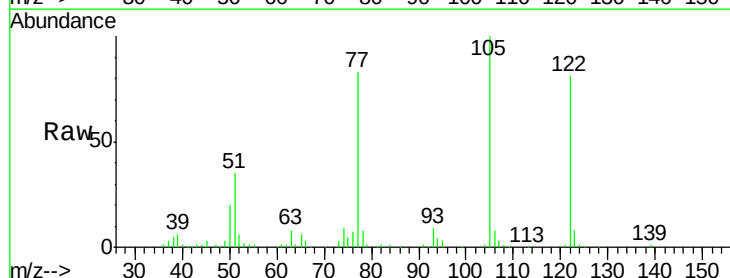
Tgt Ion:122 Resp: 336707

Ion Ratio Lower Upper

122 100

105 123.1 76.1 116.1#

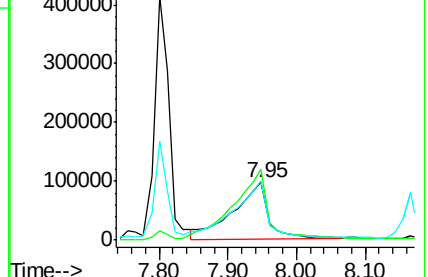
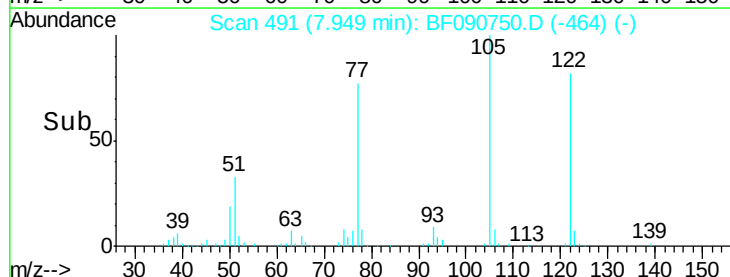
77 101.9 40.5 80.5#

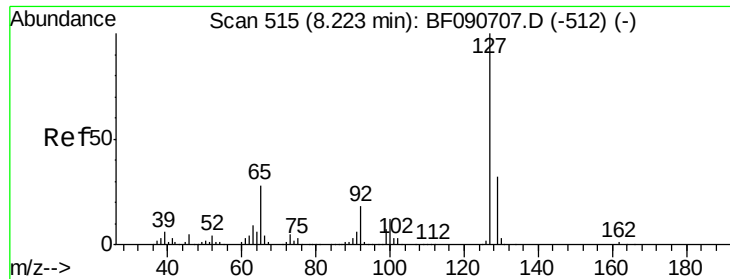


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

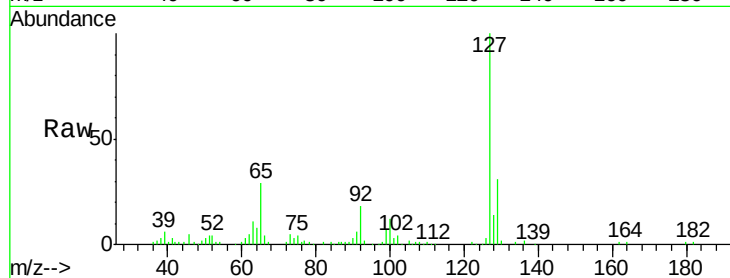




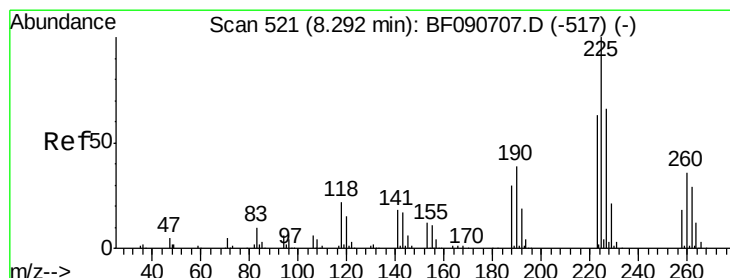
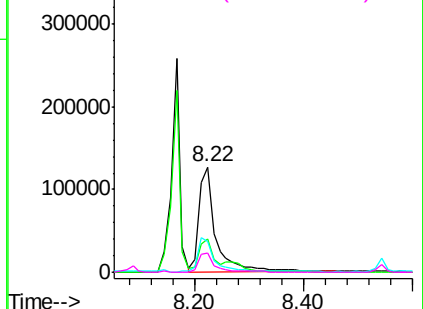
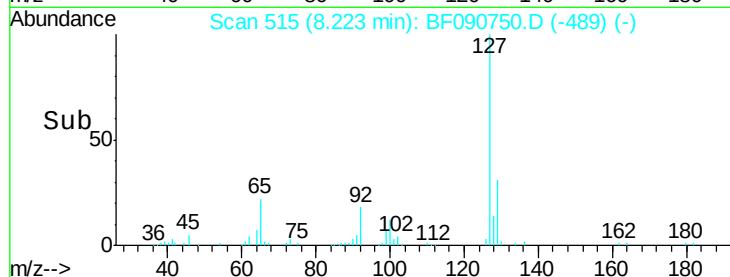
#33
4-Chloroaniline
Concen: 13.51 ng
RT: 8.22 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tgt Ion:	127	Resp:	268505
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.6
65	28.7	17.9	26.9#
92	18.2	10.5	15.7#

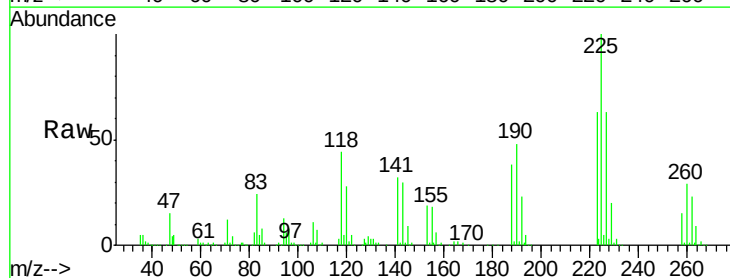


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

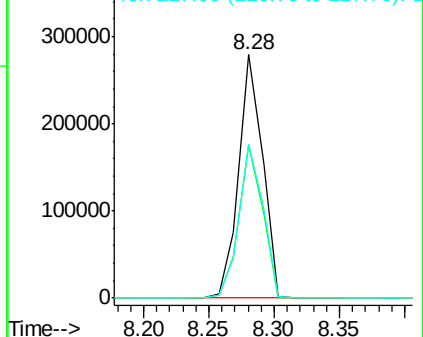
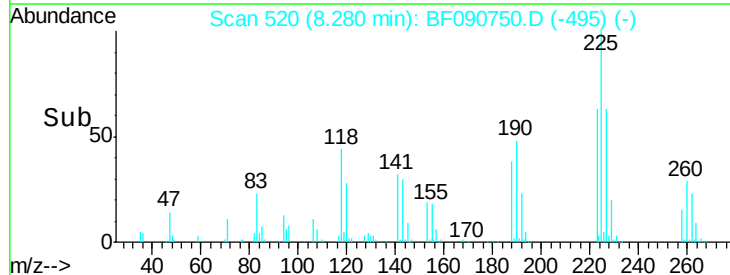


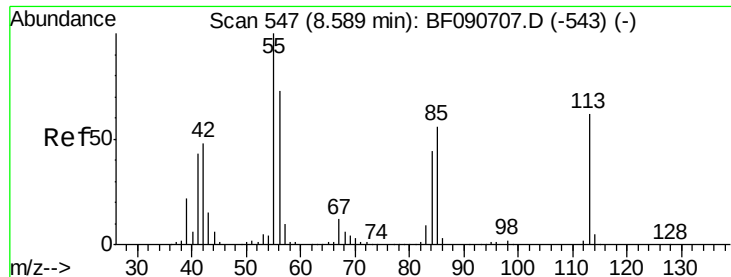
#34
Hexachlorobutadiene
Concen: 41.47 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion:	225	Resp:	353354
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.1	52.2	78.2



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

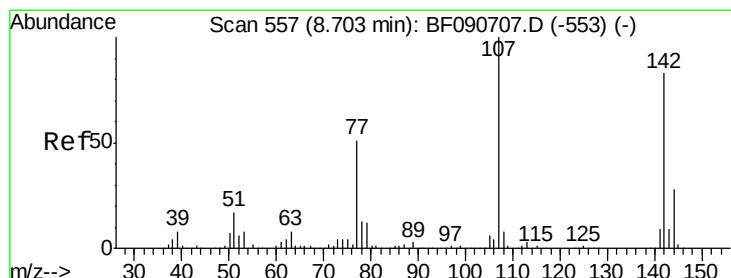
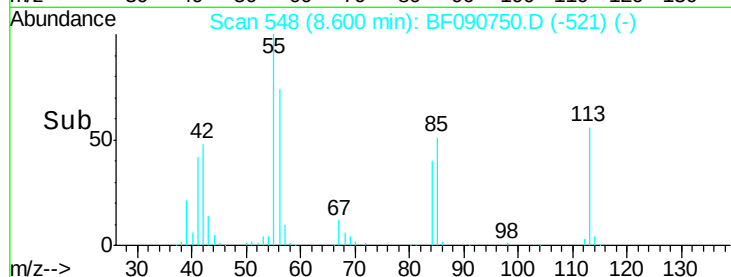
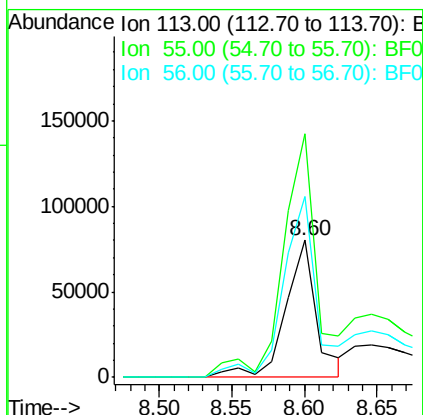
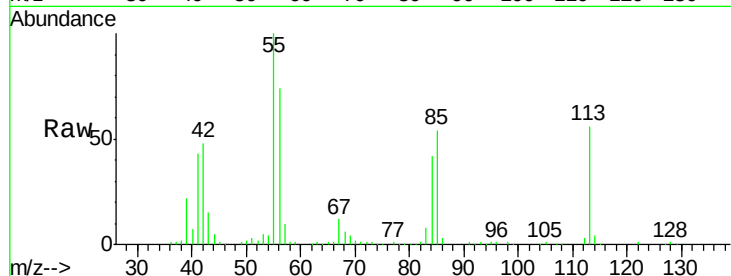




#35
 Caprolactam
 Concen: 32.18 ng
 RT: 8.60 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

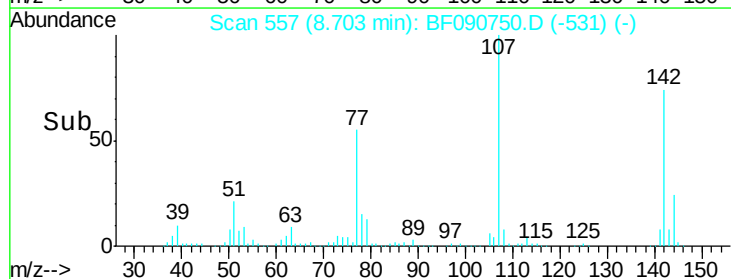
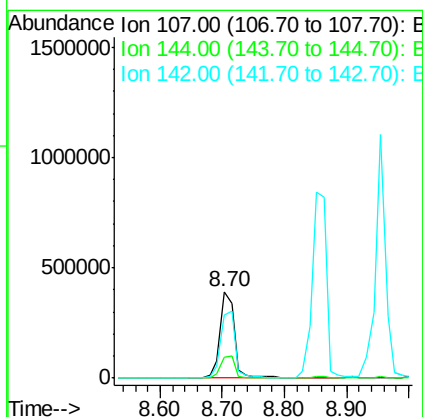
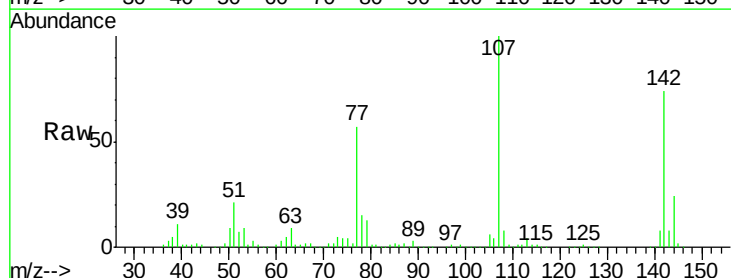
Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

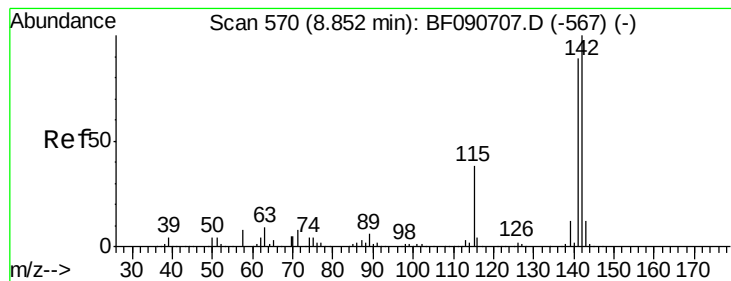
Tgt Ion:113 Resp: 118360
 Ion Ratio Lower Upper
 113 100
 55 177.4 152.4 192.4
 56 131.7 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.94 ng
 RT: 8.70 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion:107 Resp: 628143
 Ion Ratio Lower Upper
 107 100
 144 23.9 25.4 38.0#
 142 73.9 77.3 115.9#

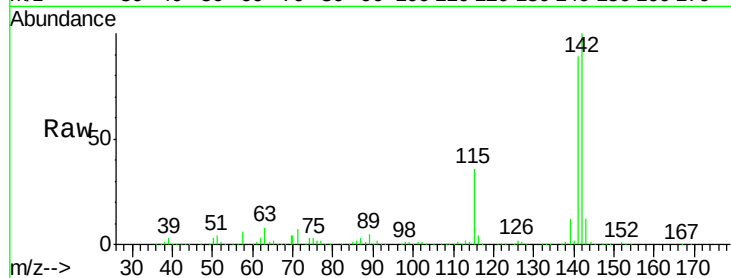




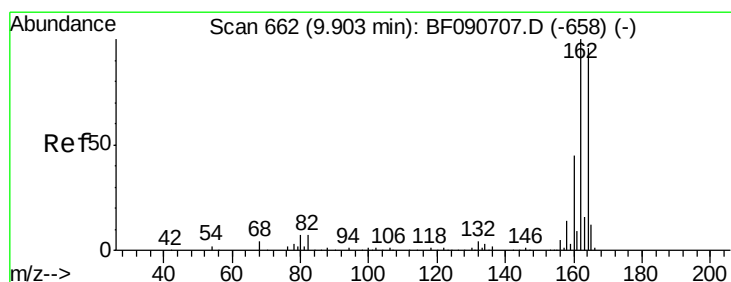
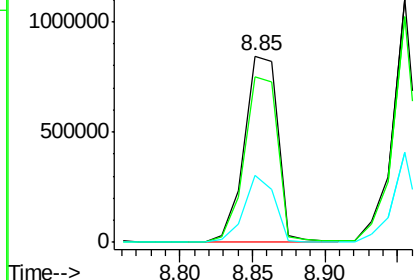
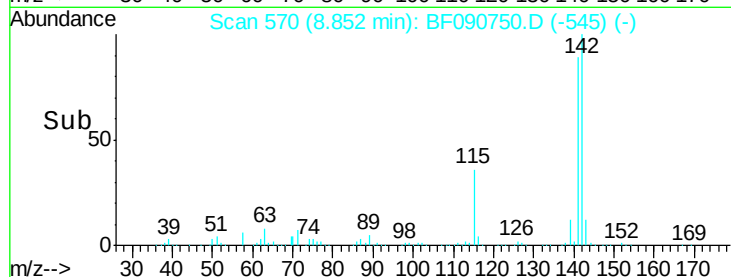
#37
2-Methylnaphthalene
Concen: 43.26 ng
RT: 8.85 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tgt Ion:142 Resp: 1355408
Ion Ratio Lower Upper
142 100
141 89.2 67.5 101.3
115 35.8 18.2 27.2#

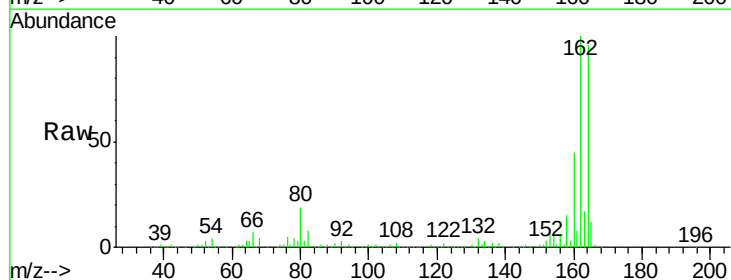


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

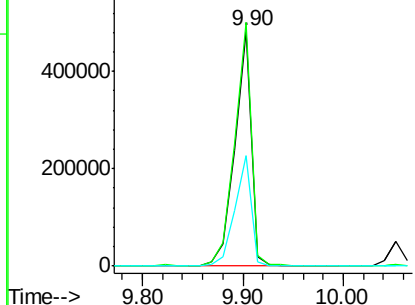
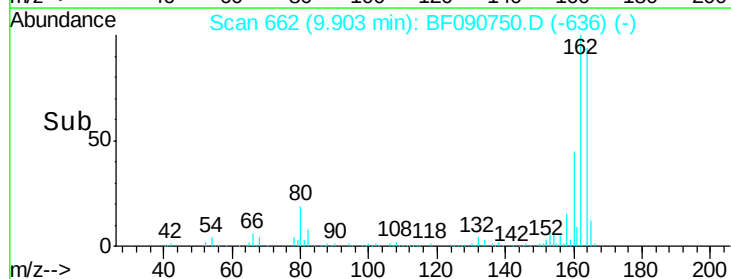


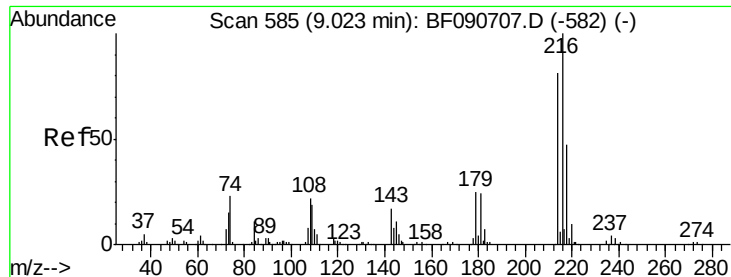
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion:164 Resp: 551632
Ion Ratio Lower Upper
164 100
162 103.7 75.2 112.8
160 46.8 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

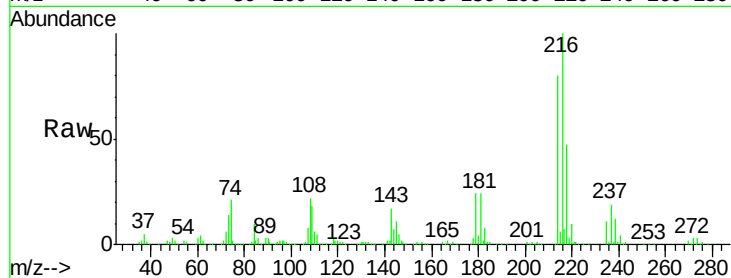




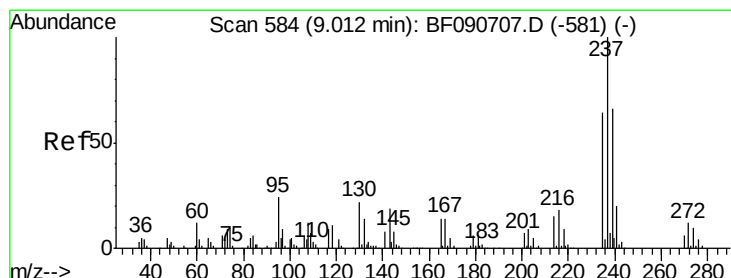
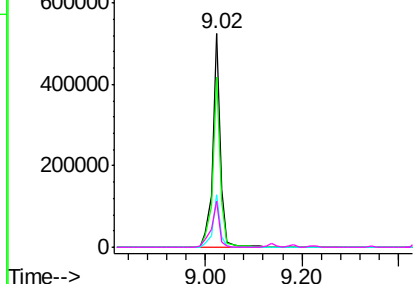
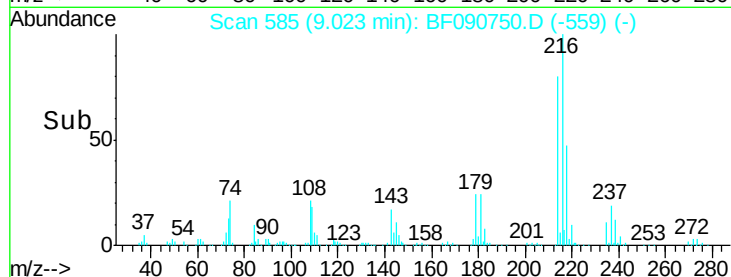
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.02 ng
 RT: 9.02 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tgt Ion:	216	Resp:	596099
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.5	95.3
179	22.6	16.6	24.8
108	21.9	16.3	24.5

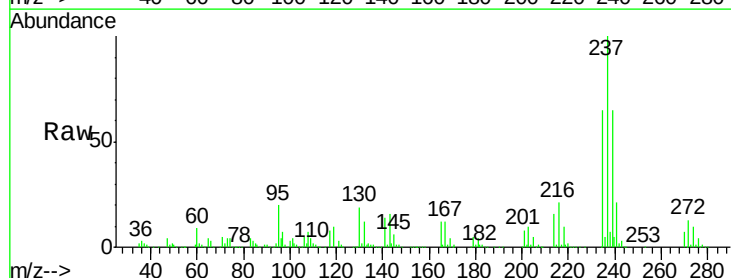


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

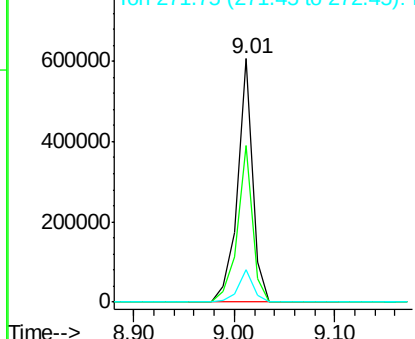
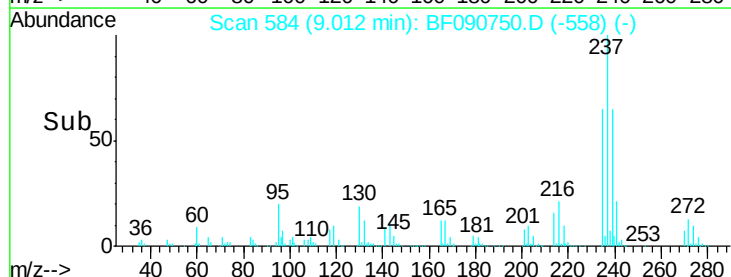


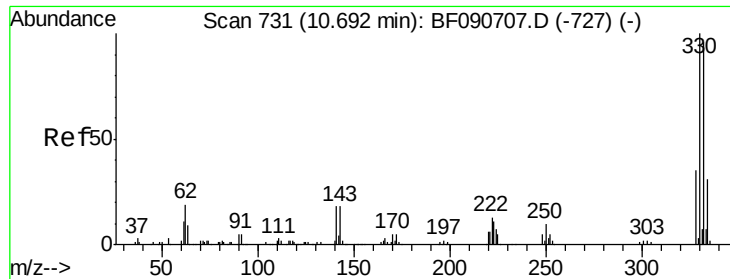
#40
 Hexachlorocyclopentadiene
 Concen: 90.55 ng
 RT: 9.01 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion:	237	Resp:	633180
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.0	82.0
272	13.2	0.0	36.1



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

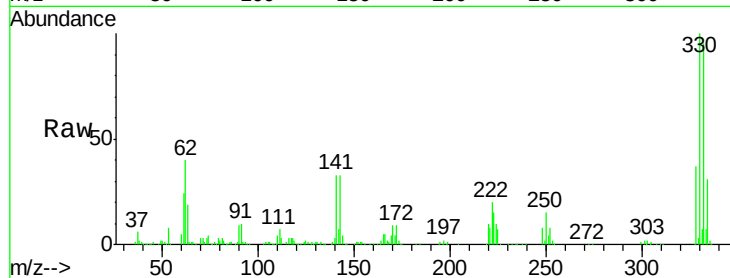




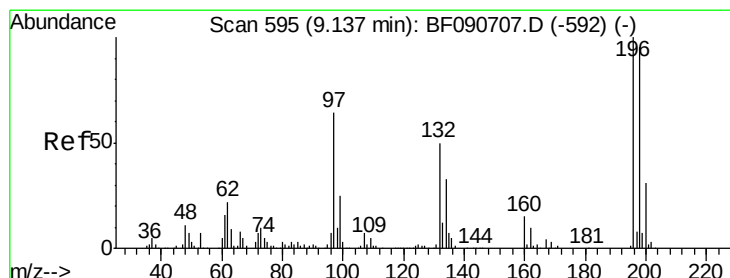
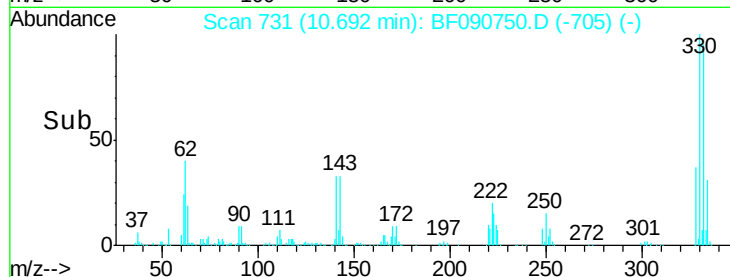
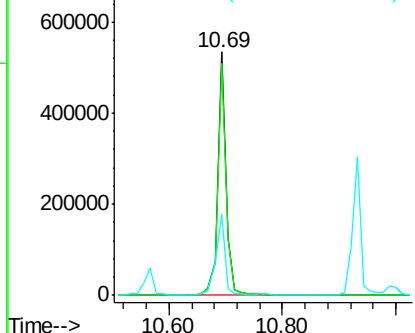
#41
 2,4,6-Tribromophenol
 Concen: 124.71 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	35.6	29.7	44.5

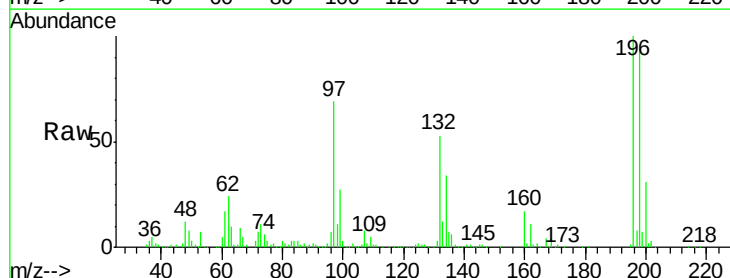


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

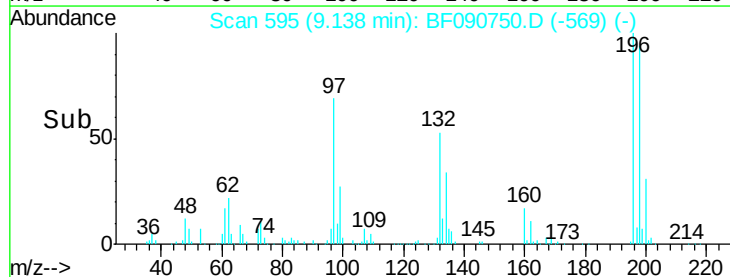
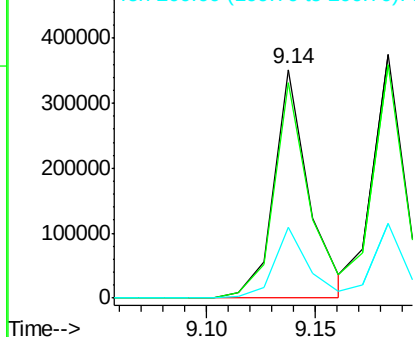


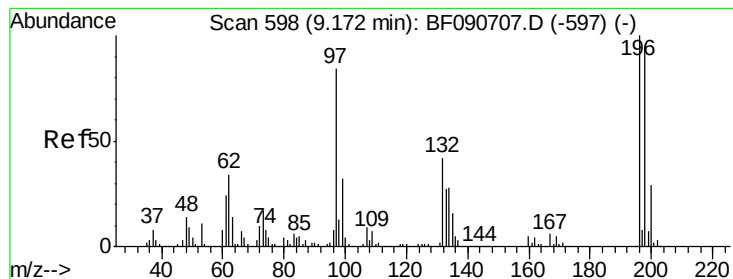
#42
 2,4,6-Trichlorophenol
 Concen: 42.70 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	30.7	23.9	35.9



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





#43

2,4,5-Trichlorophenol

Concen: 43.81 ng

RT: 9.18 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tgt Ion:196 Resp: 410638

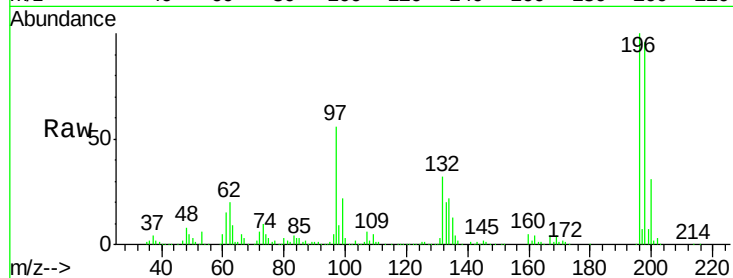
Ion Ratio Lower Upper

196 100

198 95.6 75.4 113.0

97 55.9 33.3 49.9#

132 32.4 24.6 37.0

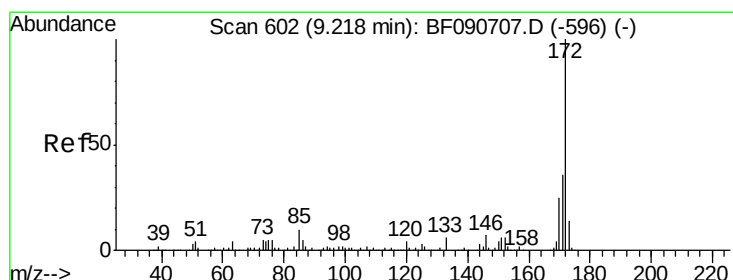
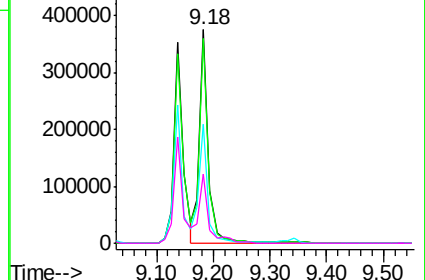
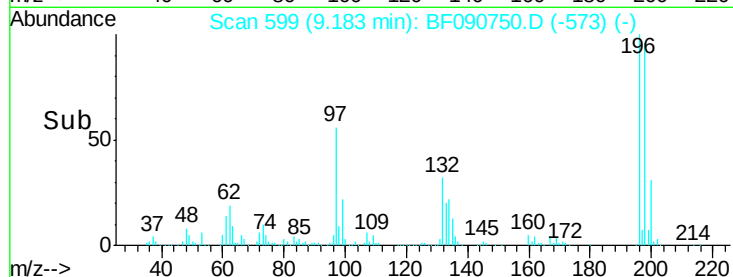


Abundance Ion 196.00 (195.70 to 196.70): E

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: 74.40 ng

RT: 9.23 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

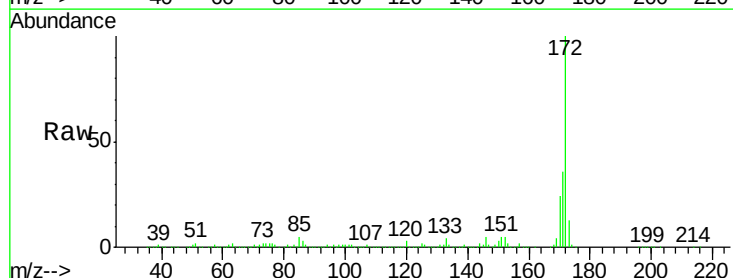
Tgt Ion:172 Resp: 2643743

Ion Ratio Lower Upper

172 100

171 36.4 26.1 39.1

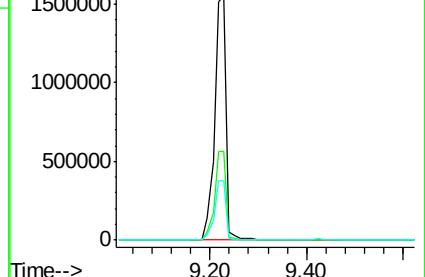
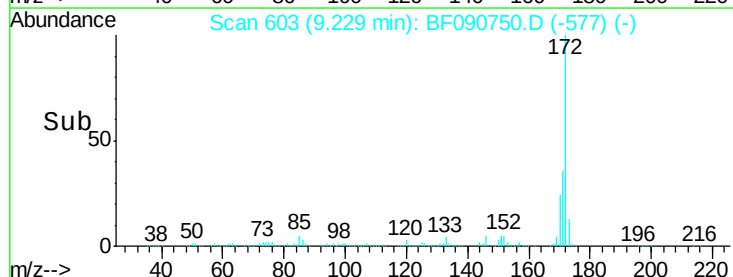
170 24.5 17.4 26.2

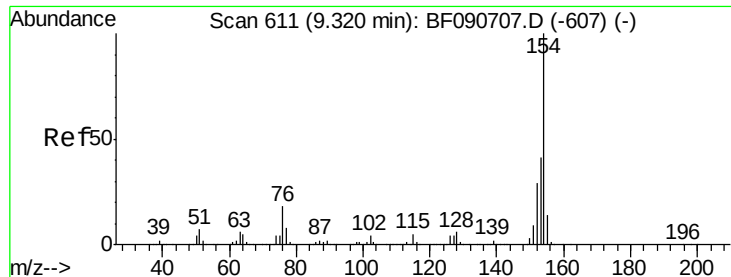


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

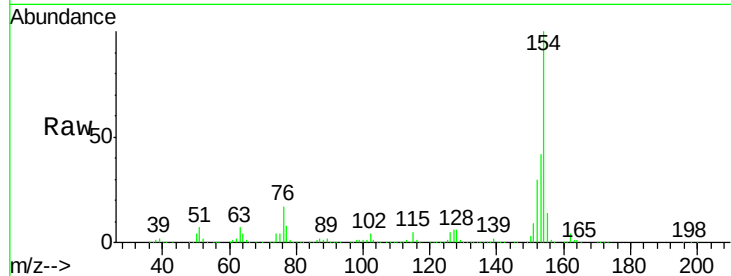




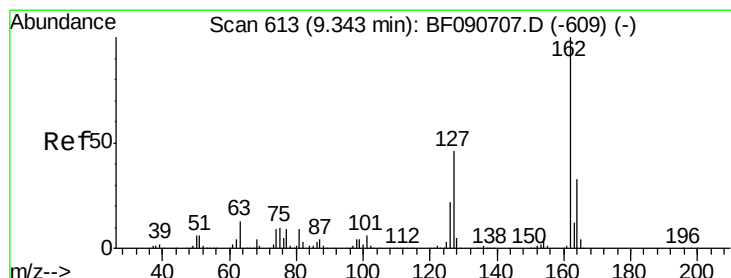
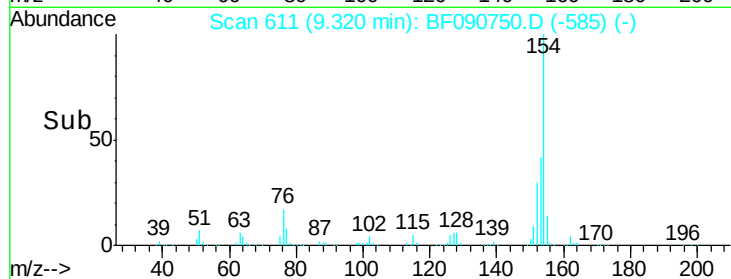
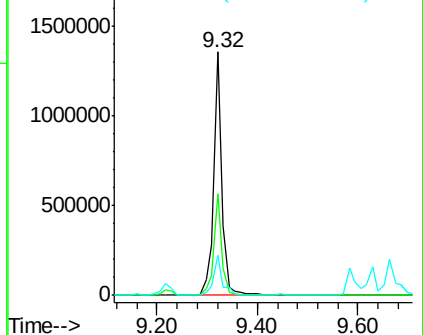
#45
 1,1'-Biphenyl
 Concen: 35.71 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tgt Ion:154 Resp: 1547149
 Ion Ratio Lower Upper
 154 100
 153 41.7 17.1 57.1
 76 16.7 0.0 31.6

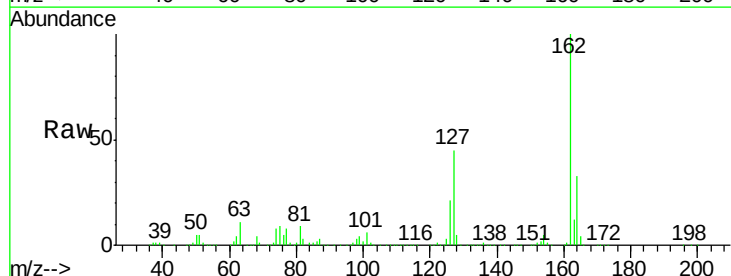


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

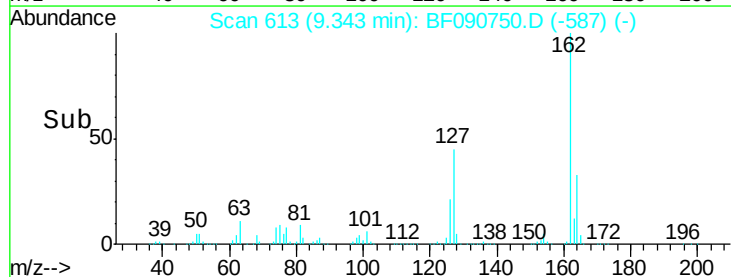
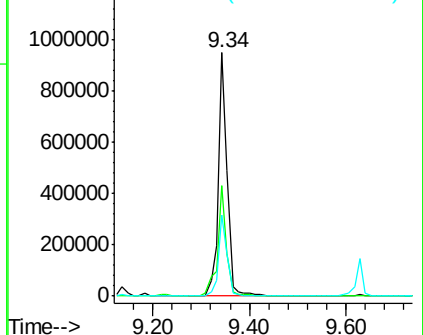


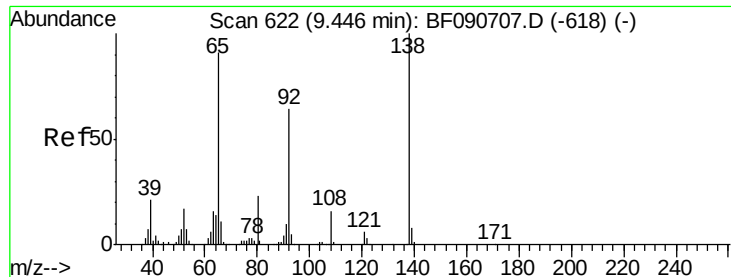
#46
 2-Chloronaphthalene
 Concen: 38.80 ng
 RT: 9.34 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion:162 Resp: 1249429
 Ion Ratio Lower Upper
 162 100
 127 45.2 27.6 41.4#
 164 33.2 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

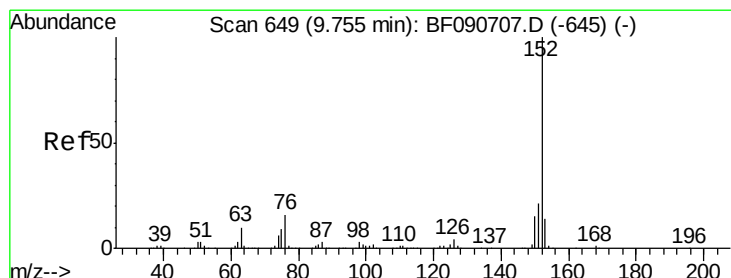
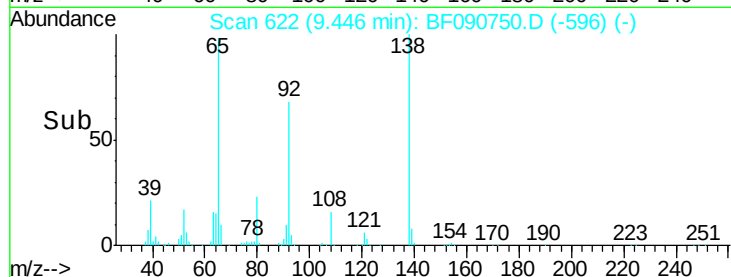
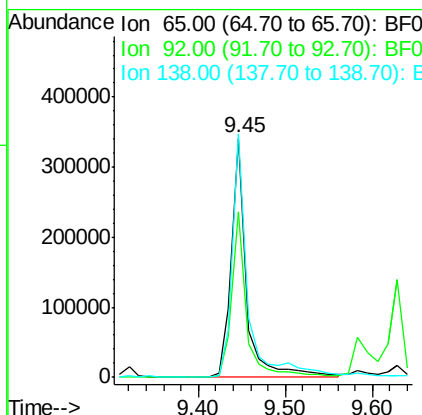
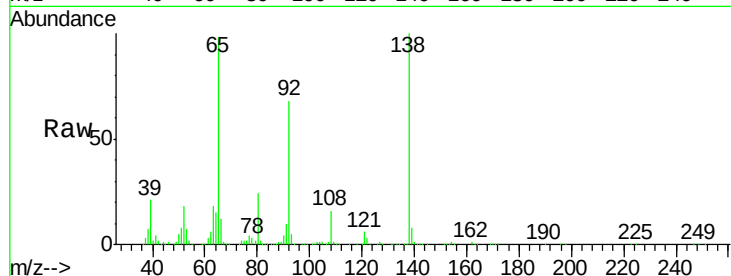




#47
2-Nitroaniline
Concen: 38.67 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

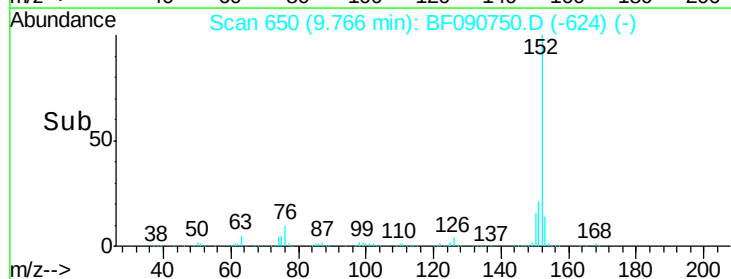
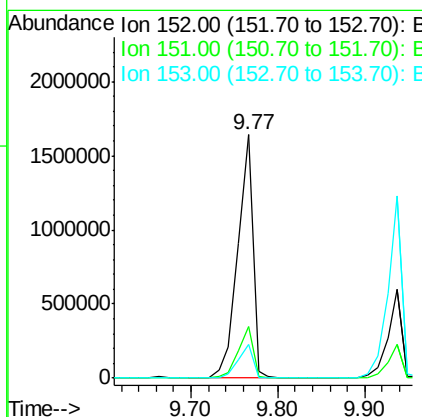
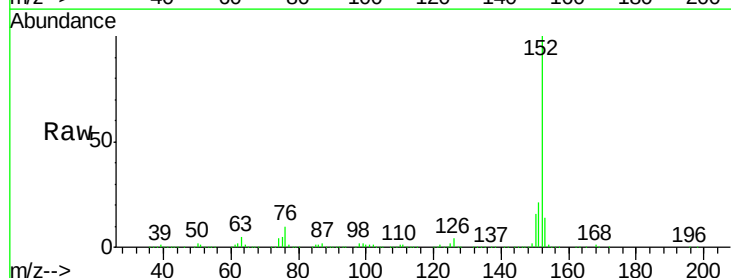
Instrument :
BNA_F
ClientSampleId :
PB94209BS

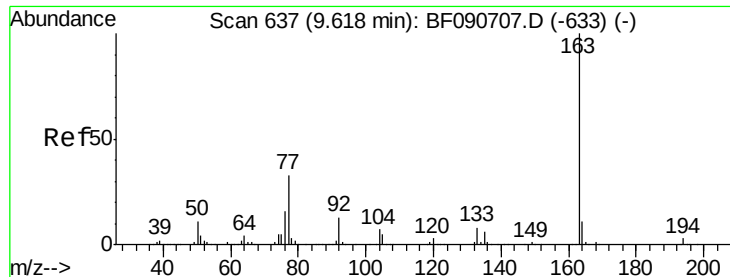
Tgt Ion: 65 Resp: 413337
Ion Ratio Lower Upper
65 100
92 69.1 55.4 83.0
138 101.9 115.5 173.3#



#48
Acenaphthylene
Concen: 40.32 ng
RT: 9.77 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion: 152 Resp: 1980962
Ion Ratio Lower Upper
152 100
151 21.4 14.6 22.0
153 13.8 10.3 15.5





#49

Dimethylphthalate

Concen: 40.72 ng

RT: 9.63 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

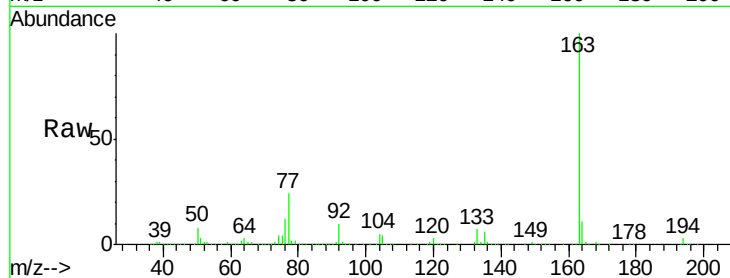
Tgt Ion:163 Resp: 1411471

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

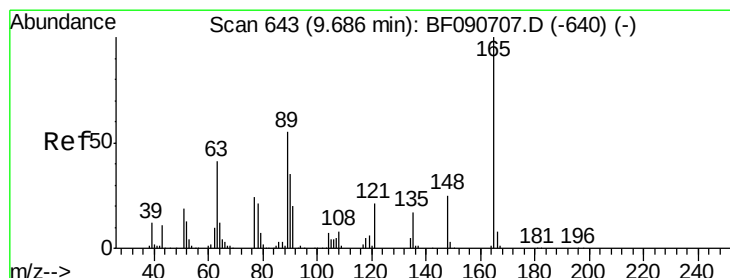
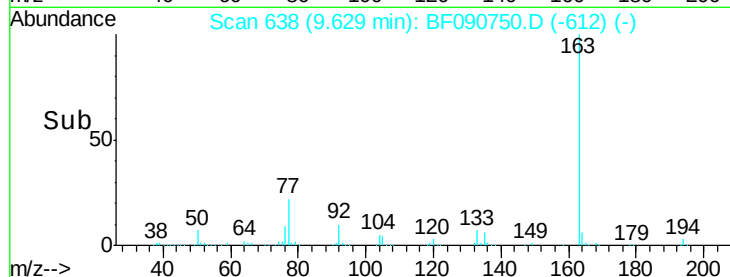
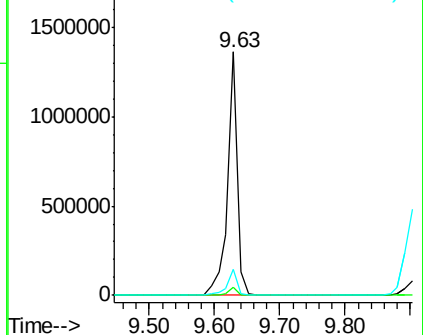
164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.60 ng

RT: 9.69 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

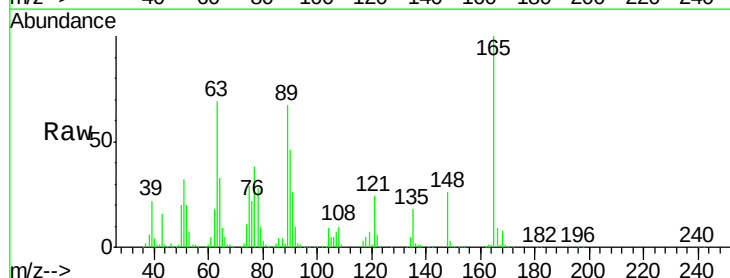
Tgt Ion:165 Resp: 295185

Ion Ratio Lower Upper

165 100

63 69.1 32.3 48.5#

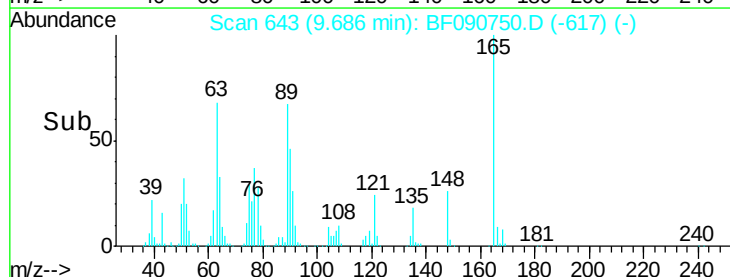
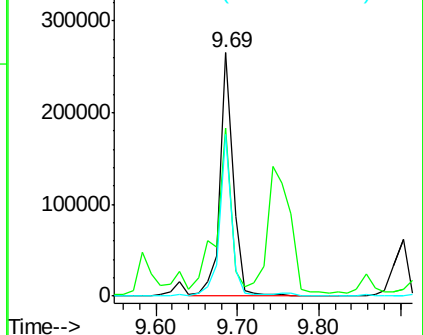
89 66.6 28.6 43.0#

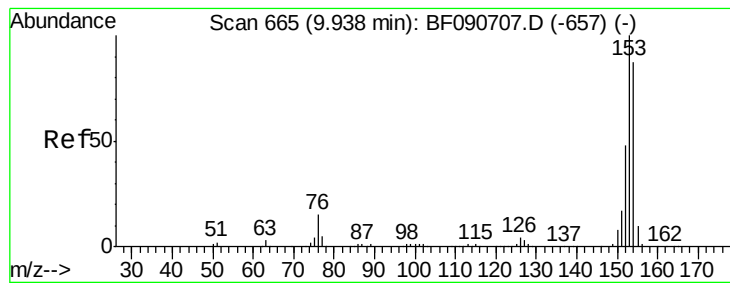


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.97 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

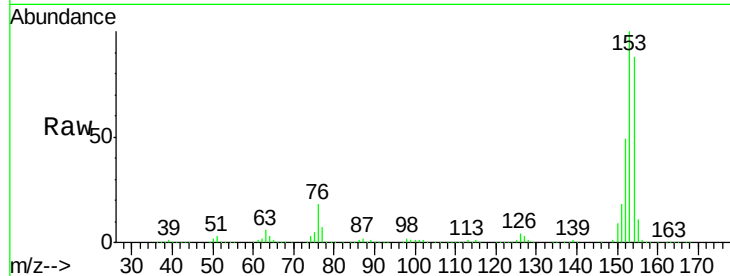
Tgt Ion:154 Resp: 1369026

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

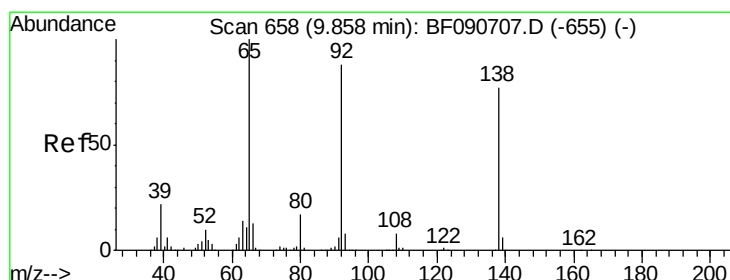
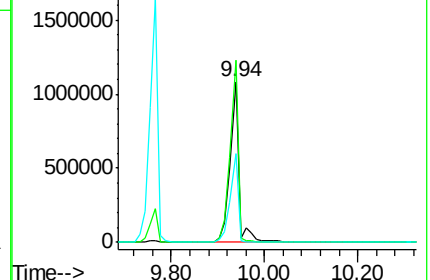
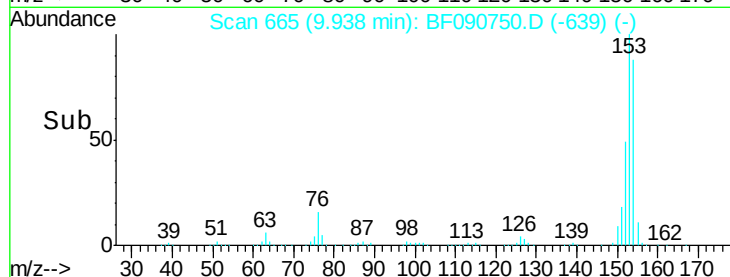
152 55.7 37.9 56.9



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: 19.04 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

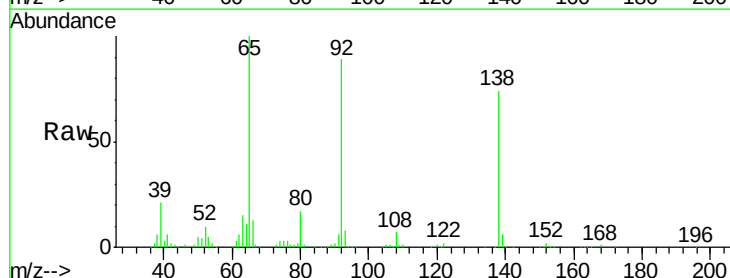
Tgt Ion:138 Resp: 163158

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

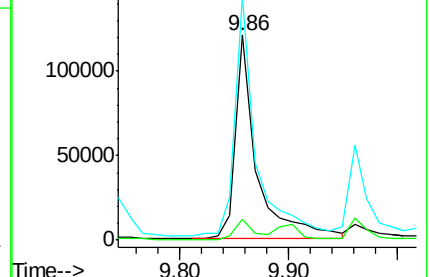
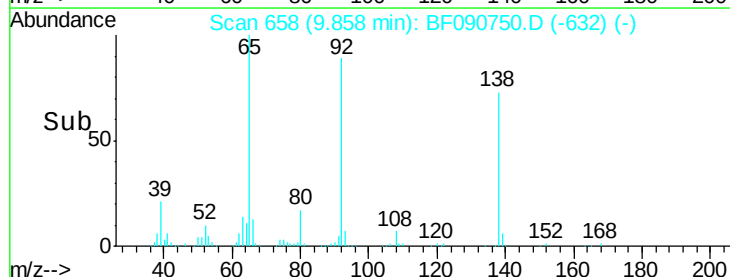
92 119.0 67.7 101.5#

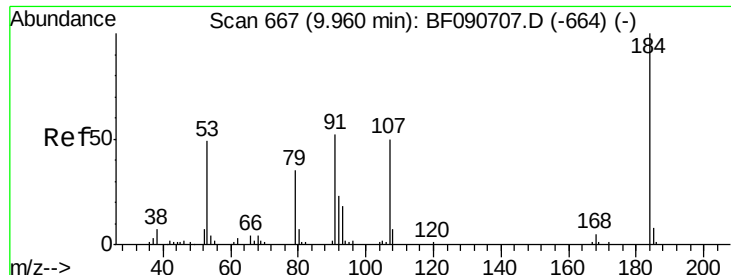


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

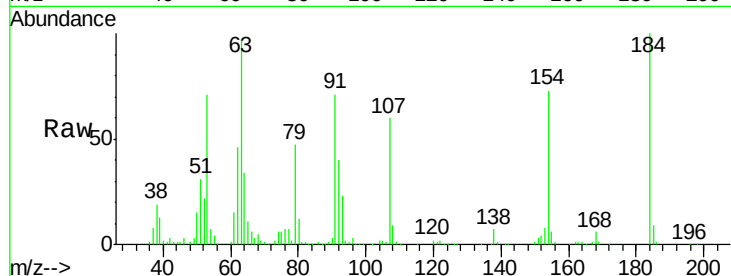




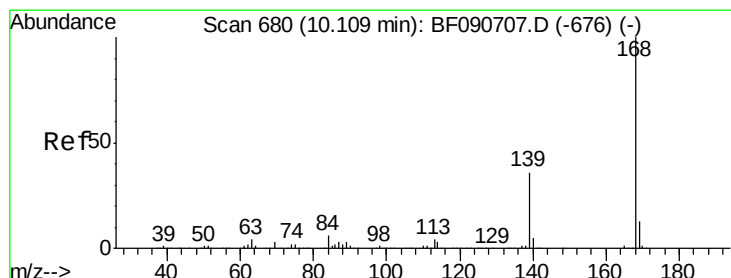
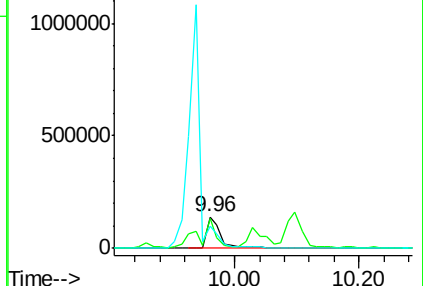
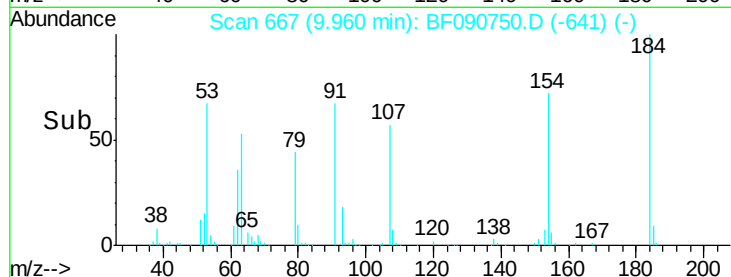
#53
2,4-Dinitrophenol
Concen: 60.76 ng
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tgt Ion:184 Resp: 227362
Ion Ratio Lower Upper
184 100
63 96.5 35.4 53.2#
154 72.8 32.2 48.4#

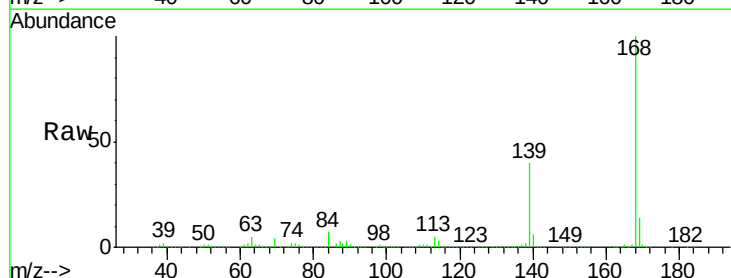


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

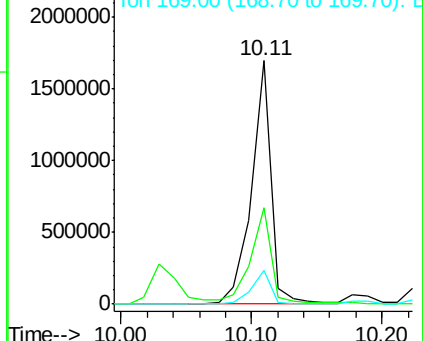
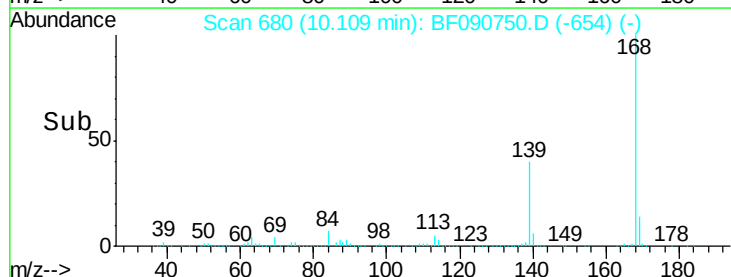


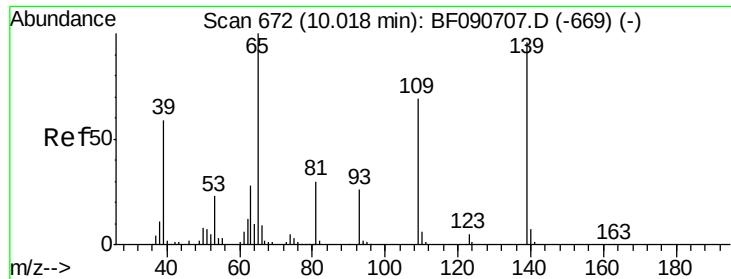
#54
Dibenzofuran
Concen: 45.19 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion:168 Resp: 1785592
Ion Ratio Lower Upper
168 100
139 39.5 24.2 36.2#
169 14.1 10.6 15.8



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

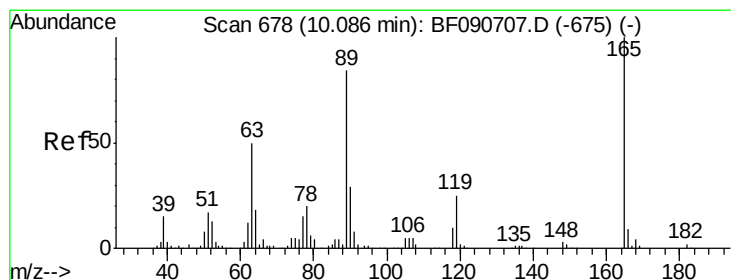
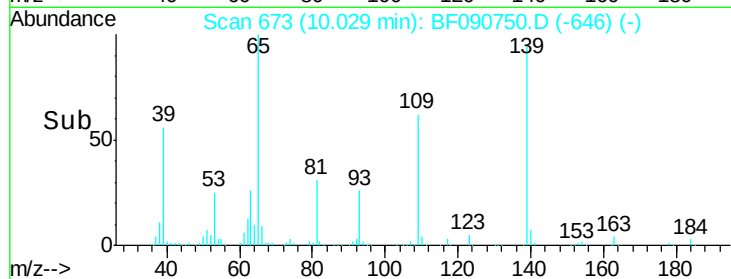
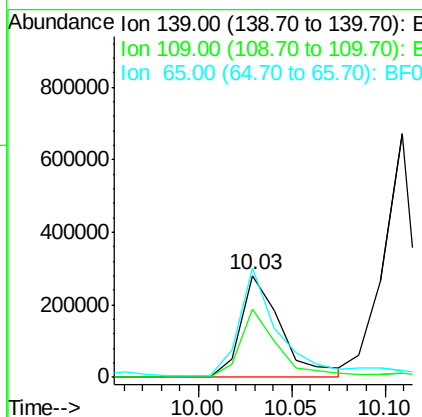
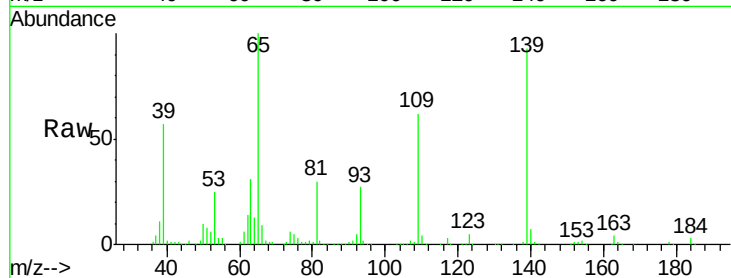




#55
4-Nitrophenol
Concen: 80.60 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

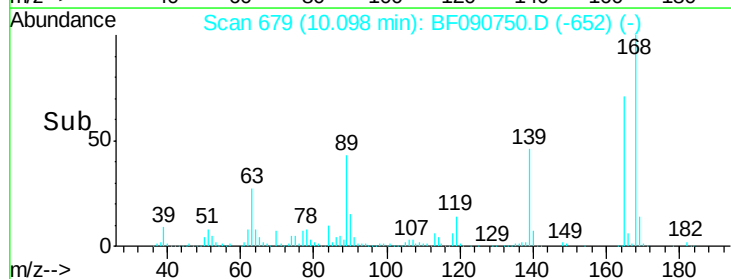
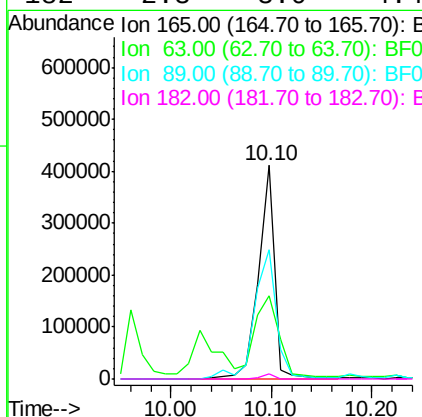
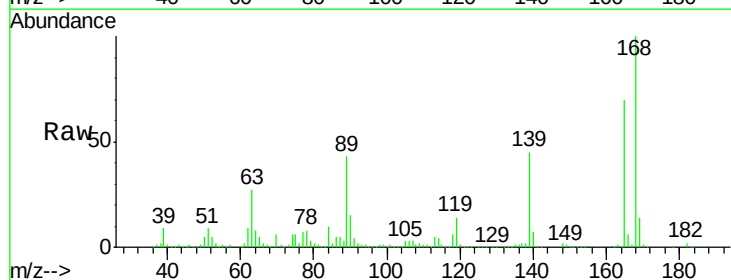
Instrument :
BNA_F
ClientSampleId :
PB94209BS

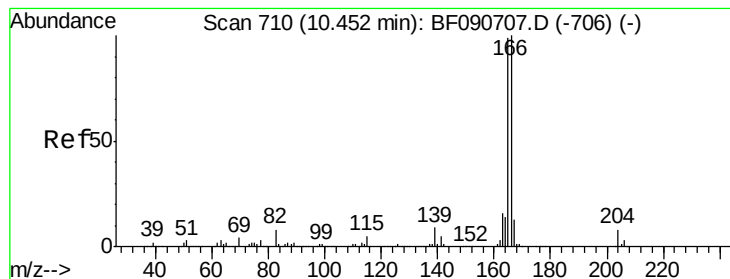
Tgt Ion:139 Resp: 424548
Ion Ratio Lower Upper
139 100
109 66.6 12.7 52.7#
65 107.5 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 50.63 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion:165 Resp: 461270
Ion Ratio Lower Upper
165 100
63 38.7 29.8 44.6
89 60.7 44.5 66.7
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 43.56 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

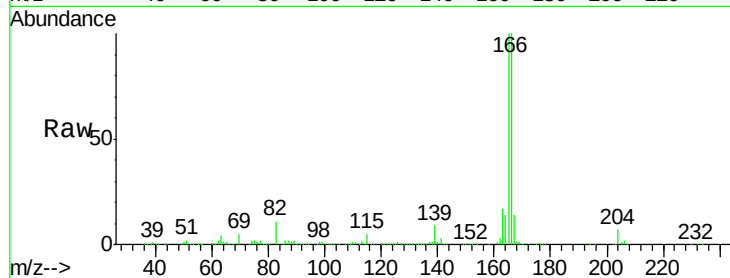
Tgt Ion:166 Resp: 1426205

Ion Ratio Lower Upper

166 100

165 100.3 72.6 109.0

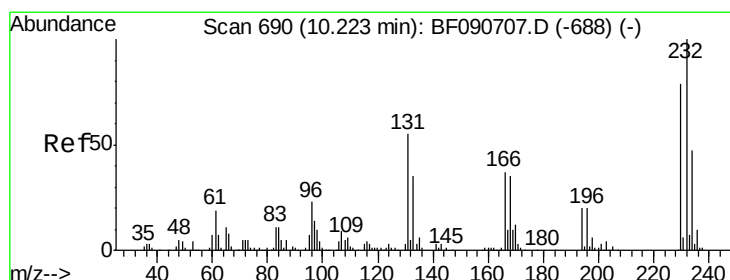
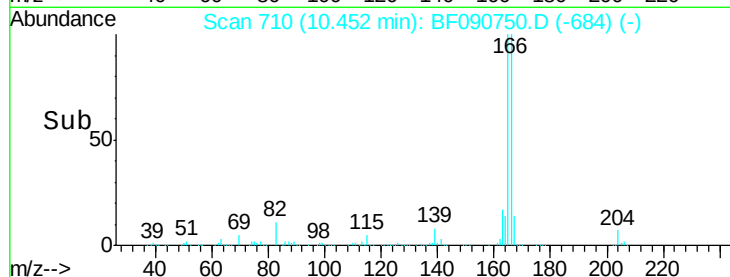
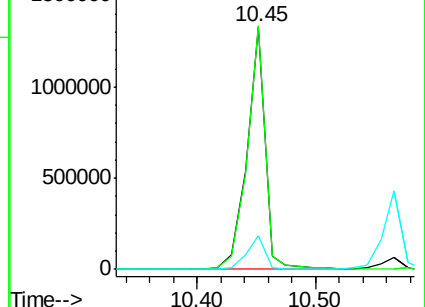
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.48 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Tgt Ion:232 Resp: 327177

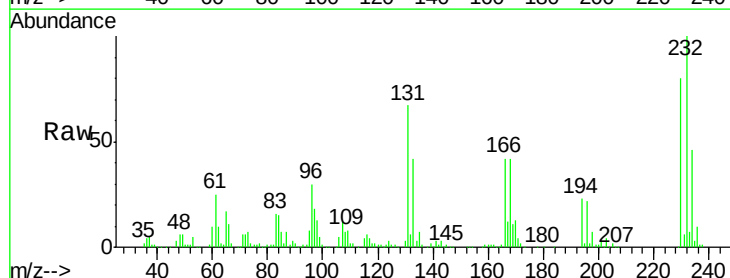
Ion Ratio Lower Upper

232 100

131 52.4 38.5 57.7

130 2.5 1.8 2.6

166 33.1 25.0 37.6

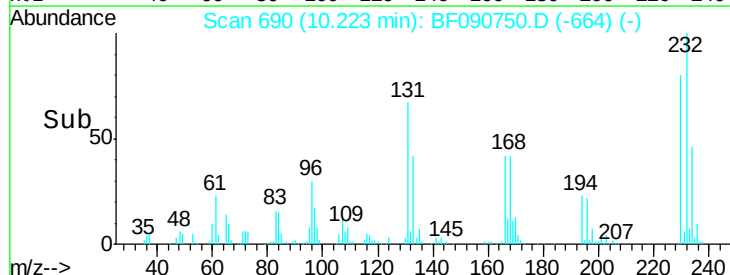
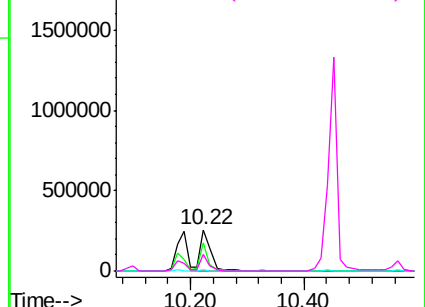


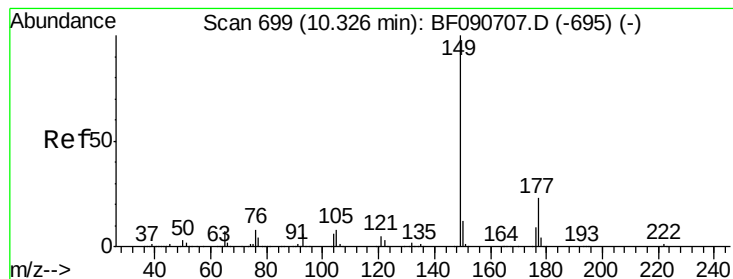
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.44 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

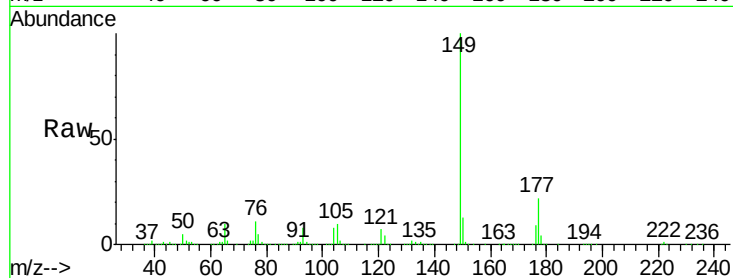
Tgt Ion:149 Resp: 1417865

Ion Ratio Lower Upper

149 100

177 21.6 17.5 26.3

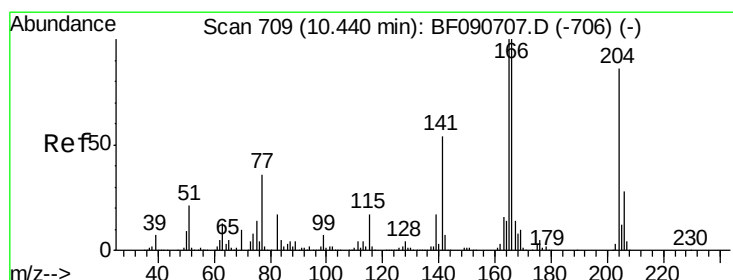
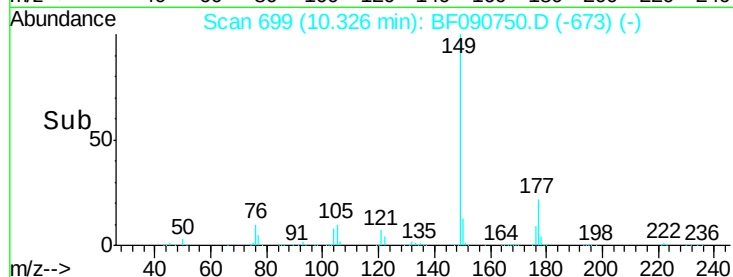
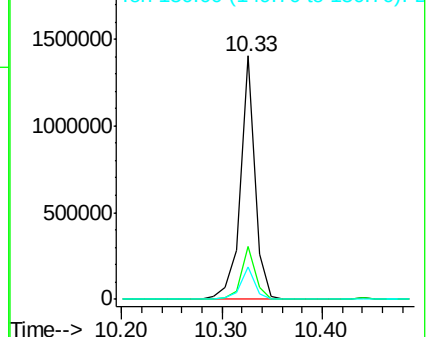
150 13.1 9.4 14.2



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: 44.06 ng

RT: 10.44 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

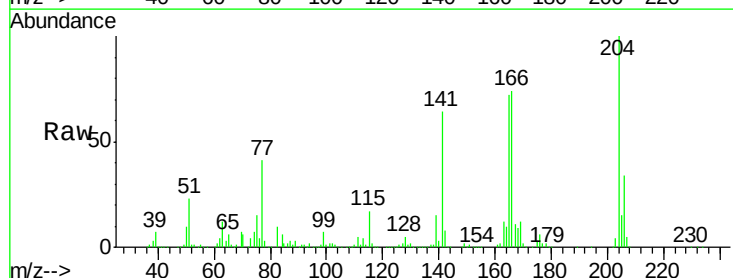
Tgt Ion:204 Resp: 659341

Ion Ratio Lower Upper

204 100

206 33.8 24.8 37.2

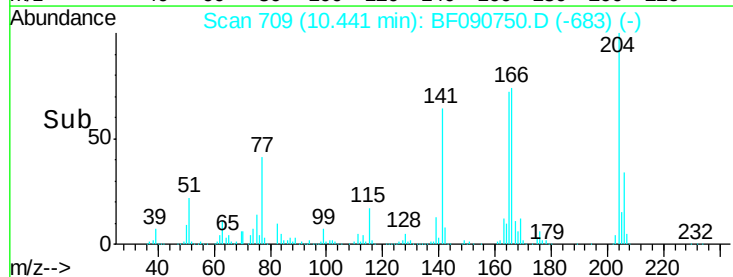
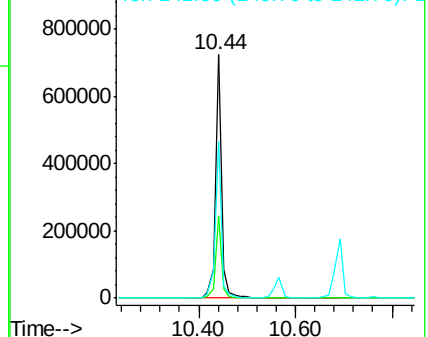
141 64.4 42.2 63.4#

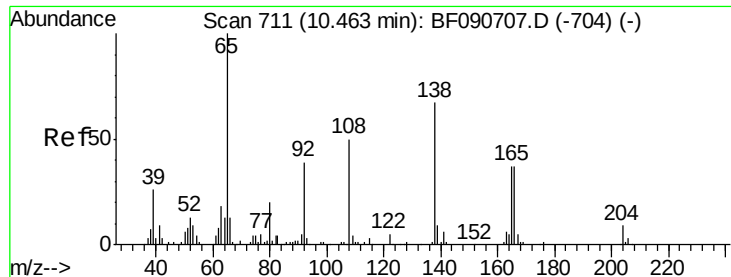


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

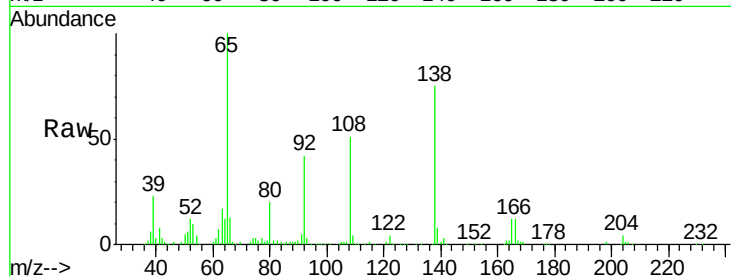




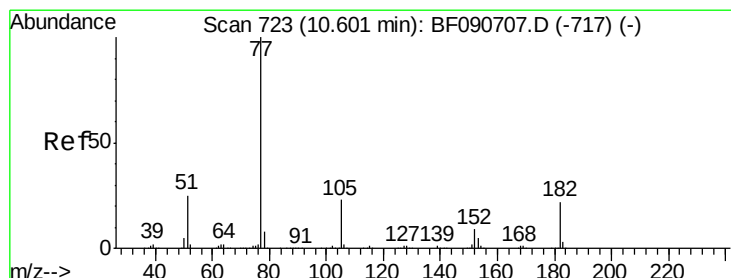
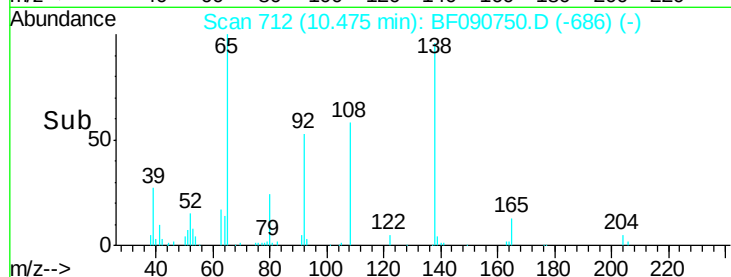
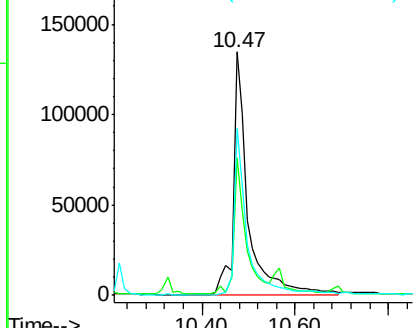
#61
4-Nitroaniline
Concen: 34.48 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tgt Ion: 138 Resp: 299241
Ion Ratio Lower Upper
138 100
92 56.3 12.6 52.6#
108 68.5 12.4 52.4#

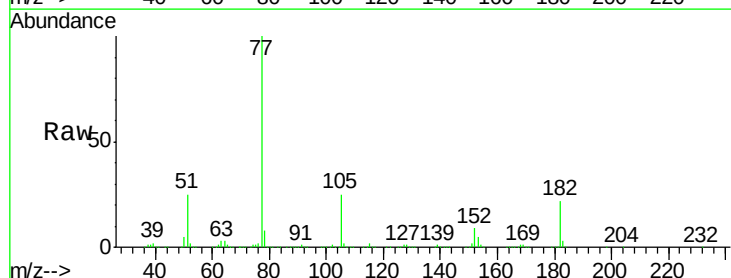


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

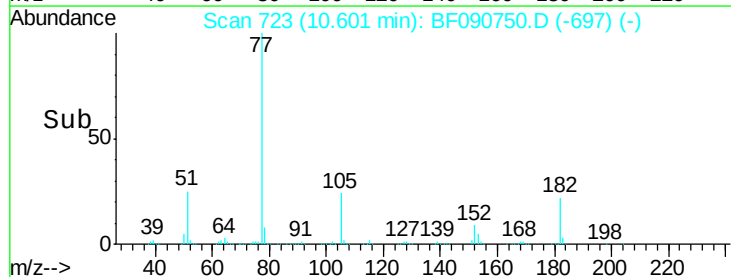
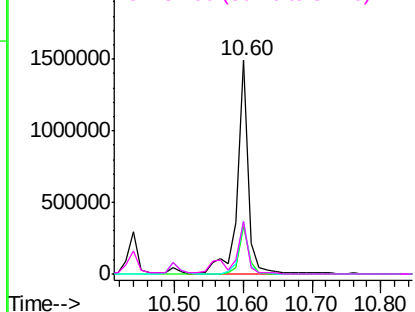


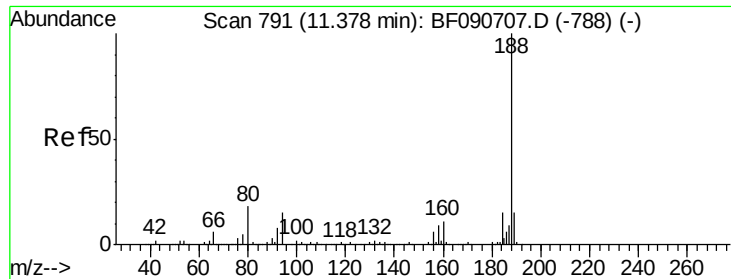
#62
Azobenzene
Concen: 39.67 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion: 77 Resp: 1670150
Ion Ratio Lower Upper
77 100
182 22.0 15.1 55.1
105 24.6 3.4 43.4
51 24.7 12.0 52.0



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

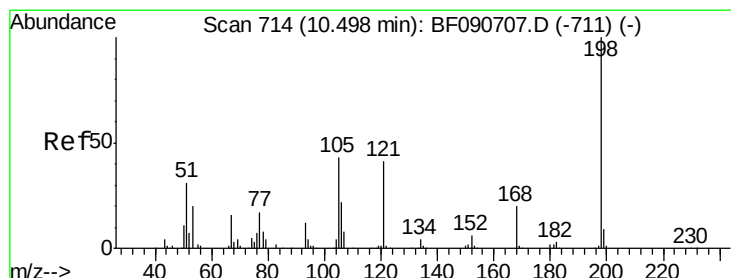
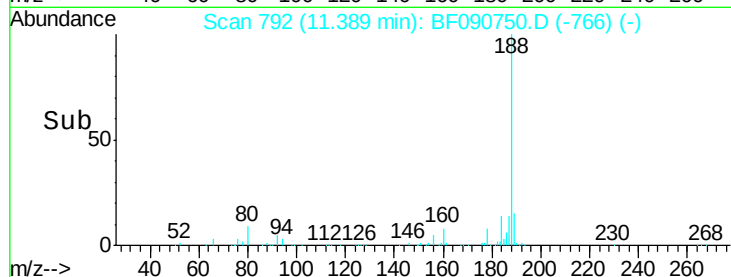
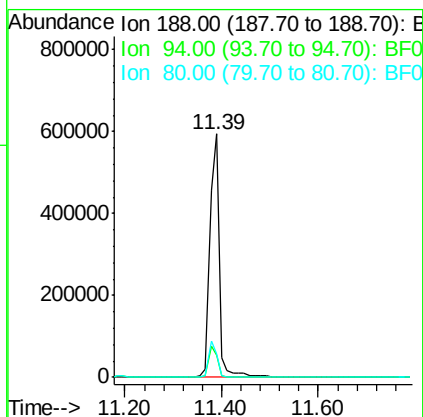
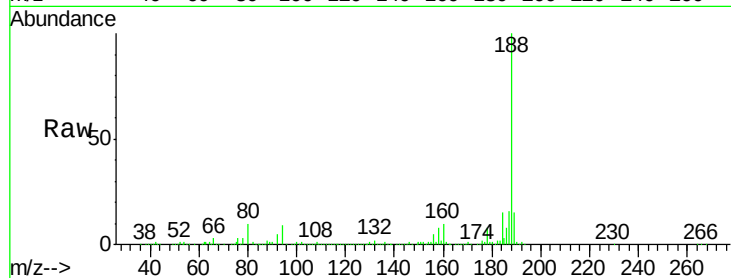




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

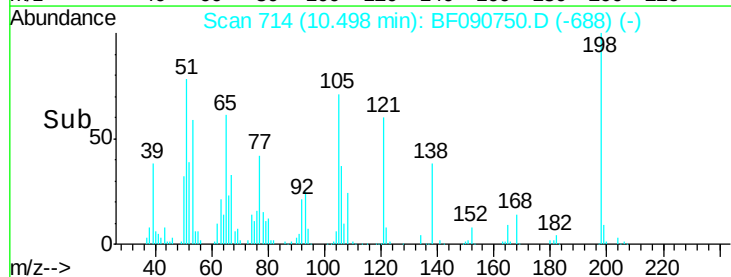
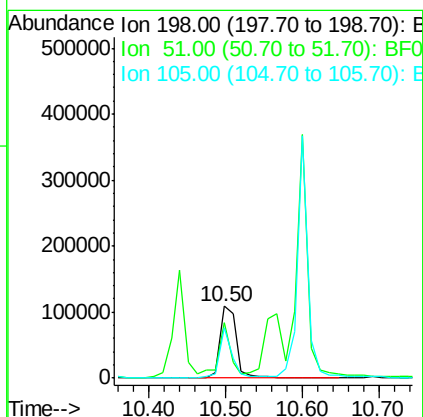
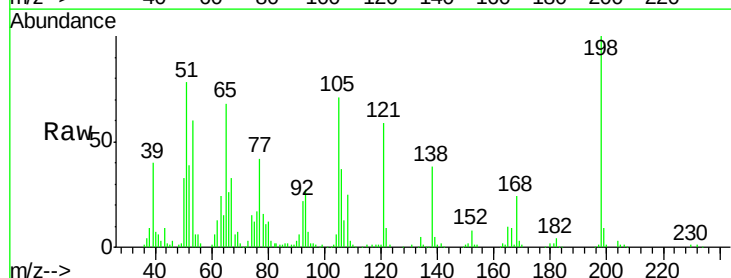
Instrument :
BNA_F
ClientSampleId :
PB94209BS

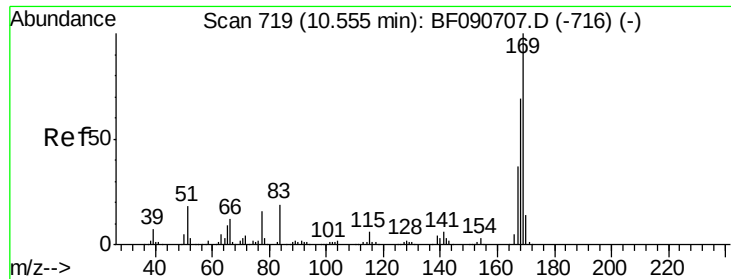
Tgt Ion:188 Resp: 824134
Ion Ratio Lower Upper
188 100
94 8.9 11.1 16.7#
80 9.6 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 33.18 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion:198 Resp: 167132
Ion Ratio Lower Upper
198 100
51 78.1 39.6 79.6
105 70.8 28.5 68.5#





#65

n-Nitrosodiphenylamine

Concen: 46.47 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

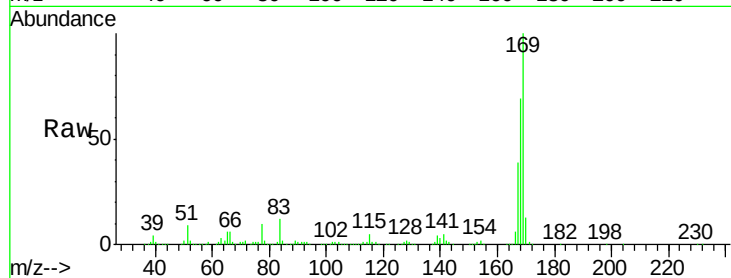
Tgt Ion:169 Resp: 1227043

Ion Ratio Lower Upper

169 100

168 69.0 48.9 73.3

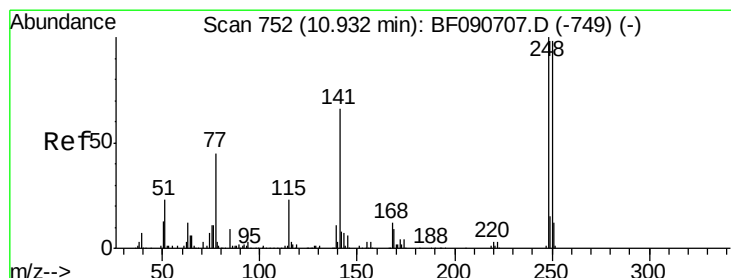
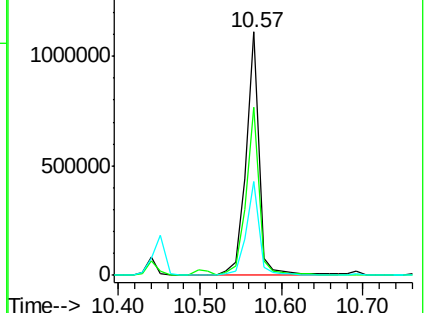
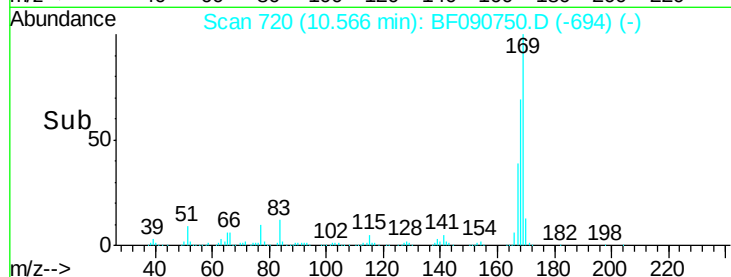
167 38.7 26.2 39.4



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: 51.10 ng

RT: 10.93 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

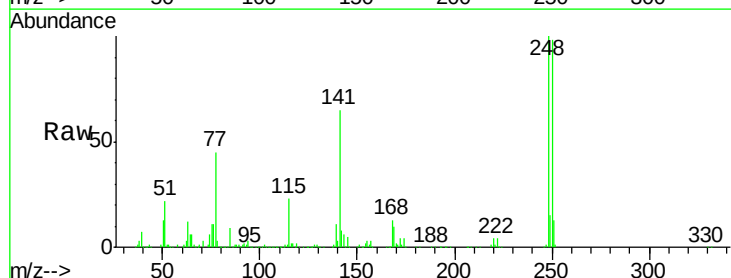
Tgt Ion:248 Resp: 408259

Ion Ratio Lower Upper

248 100

250 97.6 78.5 117.7

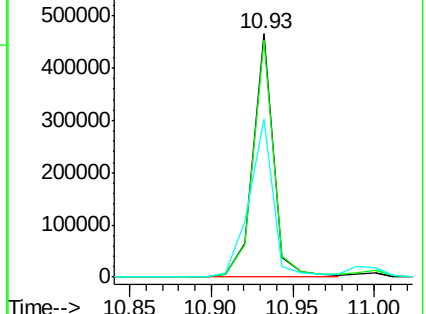
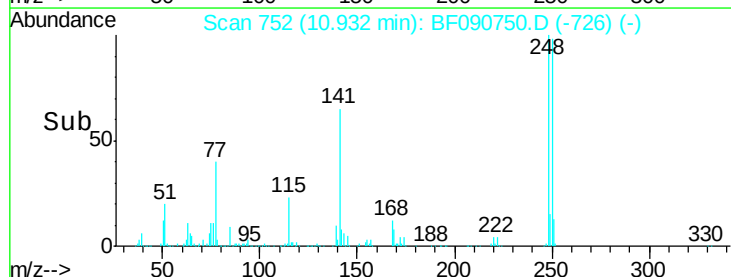
141 65.1 59.0 88.6

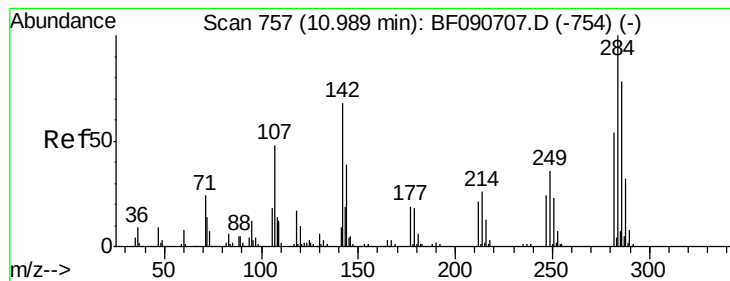


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 50.52 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

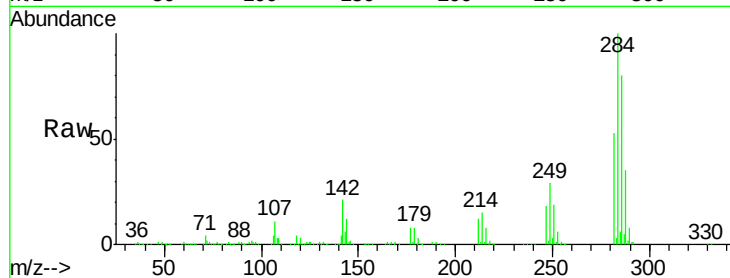
Tgt Ion:284 Resp: 476279

Ion Ratio Lower Upper

284 100

142 20.6 29.5 44.3#

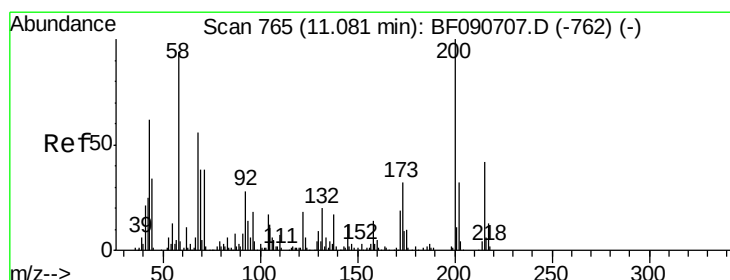
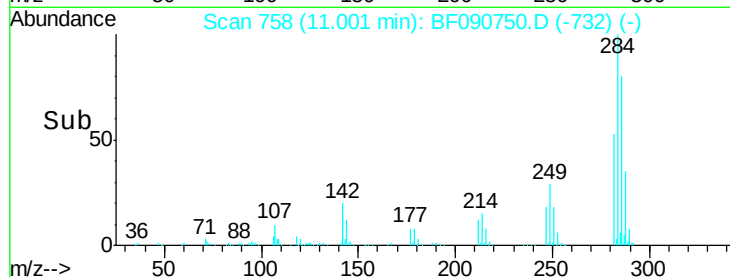
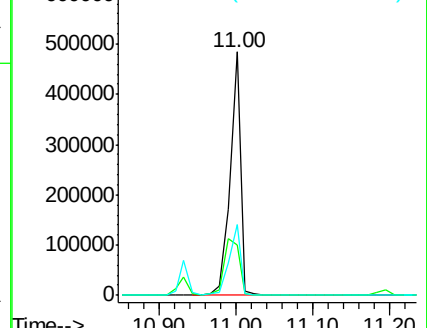
249 29.0 19.5 29.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.47 ng

RT: 11.09 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

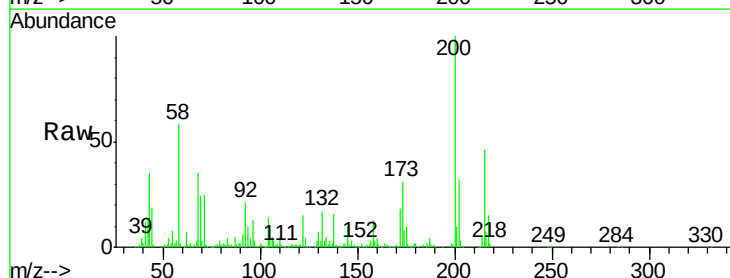
Tgt Ion:200 Resp: 331380

Ion Ratio Lower Upper

200 100

173 30.5 13.2 53.2

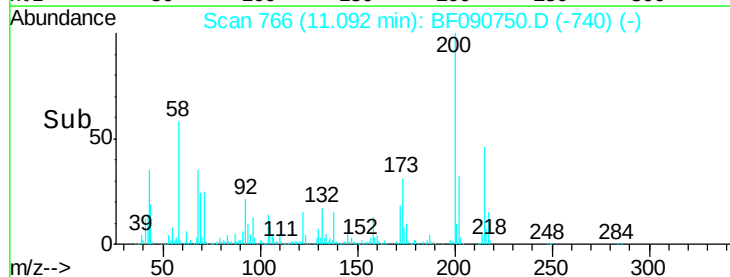
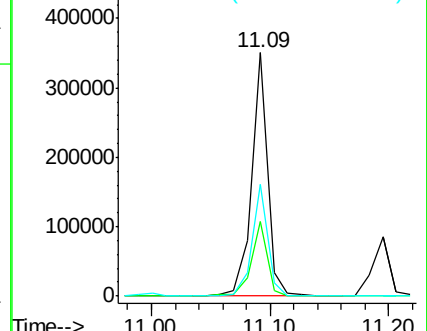
215 45.8 41.8 81.8

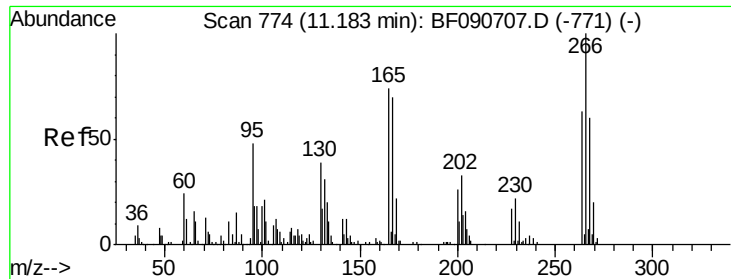


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

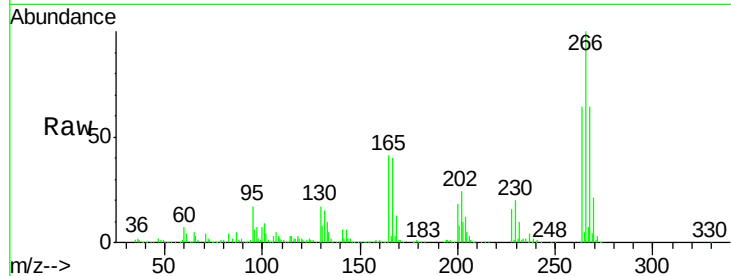




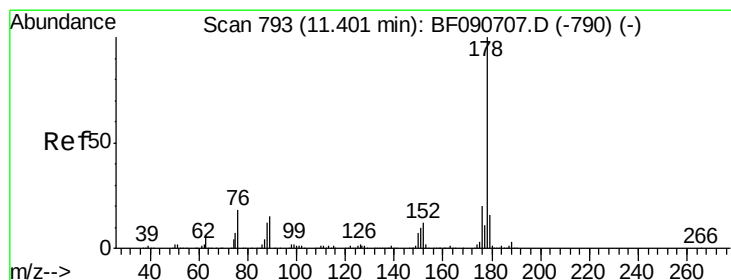
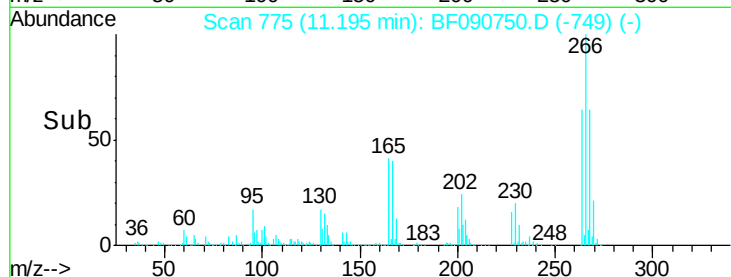
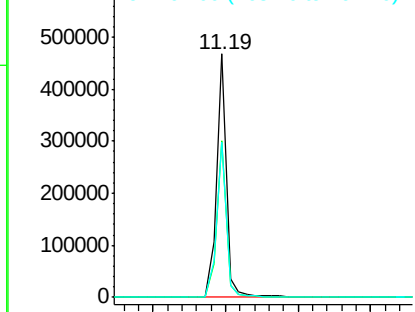
#69
 Pentachlorophenol
 Concen: 76.09 ng
 RT: 11.19 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tgt Ion:266 Resp: 444322
 Ion Ratio Lower Upper
 266 100
 268 64.2 49.8 74.6
 264 64.0 50.2 75.2

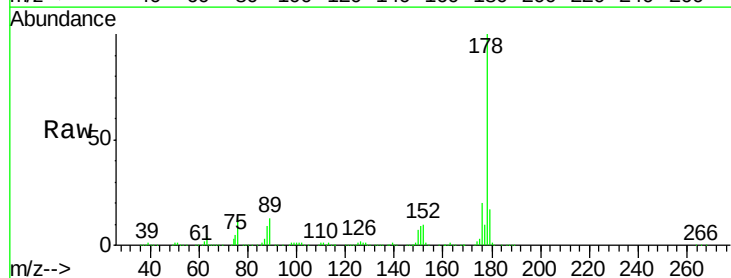


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

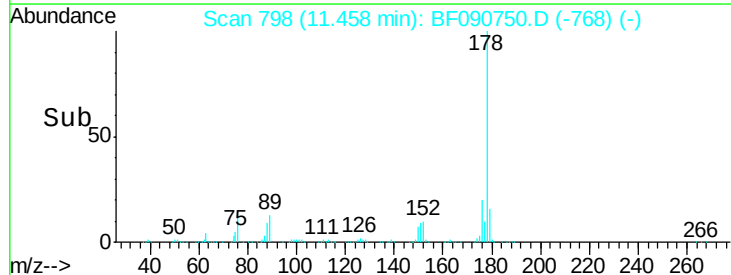
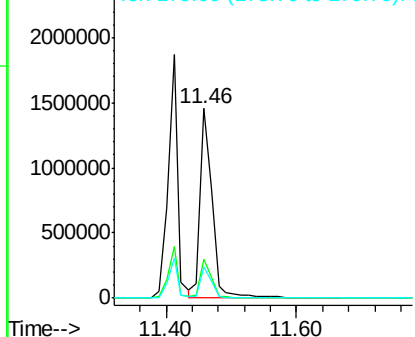


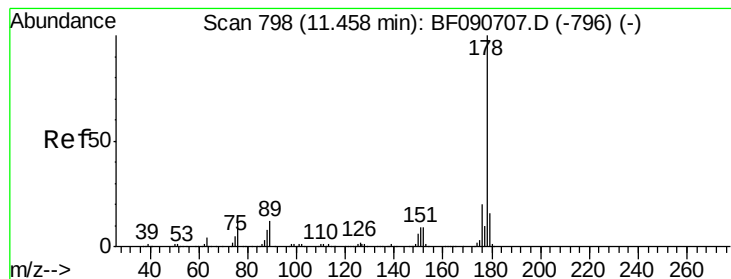
#70
 Phenanthrene
 Concen: 43.53 ng
 RT: 11.46 min Scan# 798
 Delta R.T. 0.05 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion:178 Resp: 1828687
 Ion Ratio Lower Upper
 178 100
 176 20.3 13.8 20.8
 179 16.6 12.2 18.2



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: 39.56 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

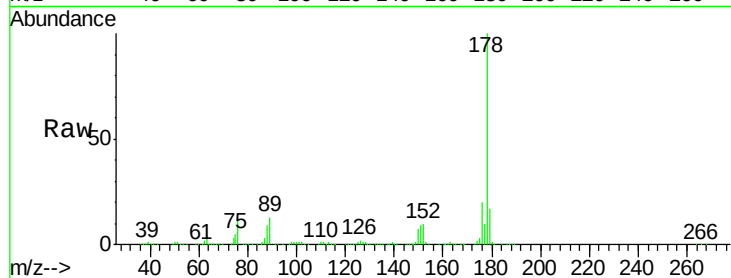
Tgt Ion:178 Resp: 1842715

Ion Ratio Lower Upper

178 100

176 20.3 14.1 21.1

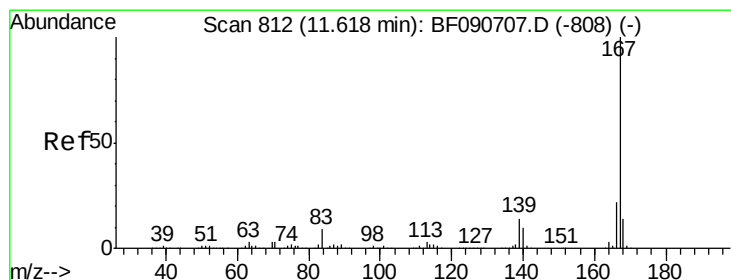
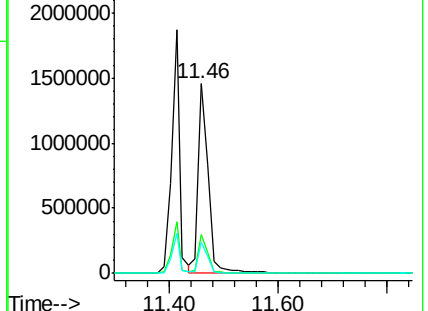
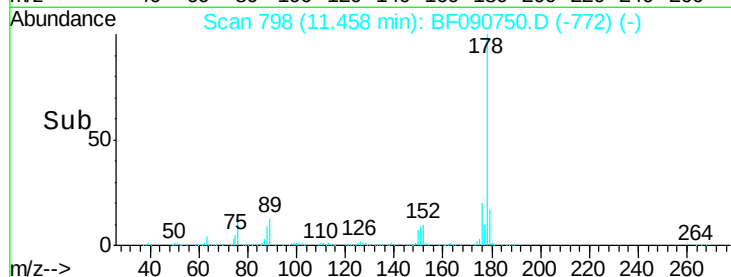
179 16.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.18 ng

RT: 11.62 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

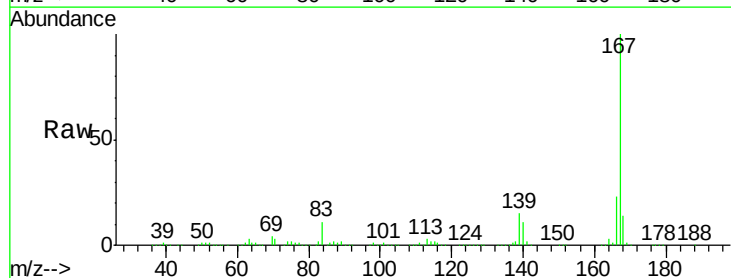
Tgt Ion:167 Resp: 1681799

Ion Ratio Lower Upper

167 100

166 22.8 15.7 23.5

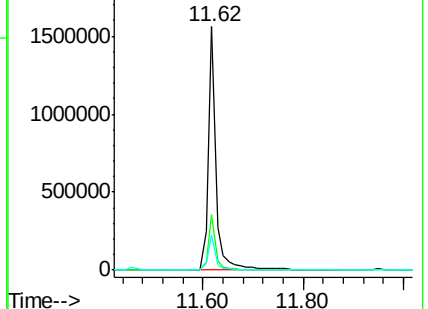
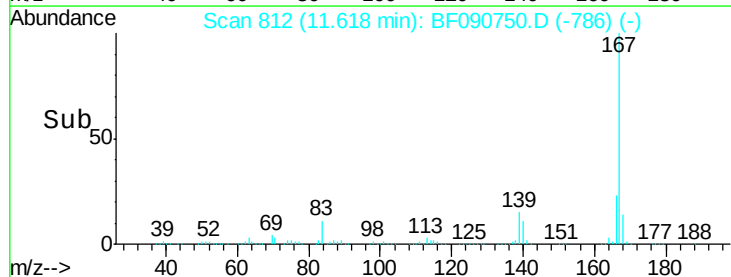
139 14.6 9.5 14.3#

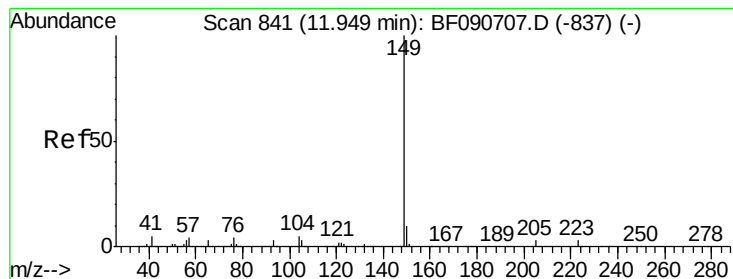


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.78 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

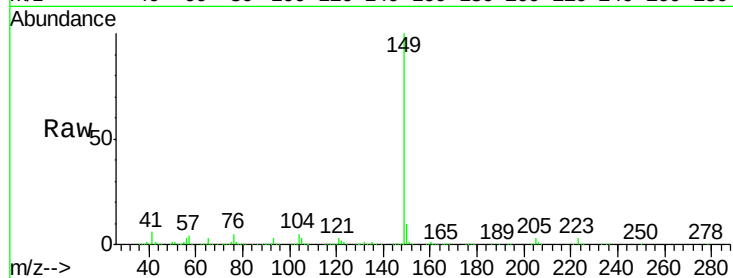
Tgt Ion:149 Resp: 2161246

Ion Ratio Lower Upper

149 100

150 10.4 7.4 11.2

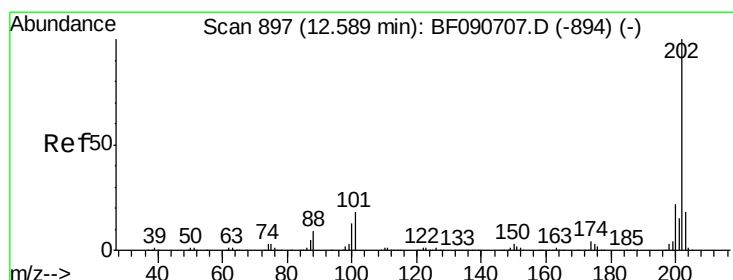
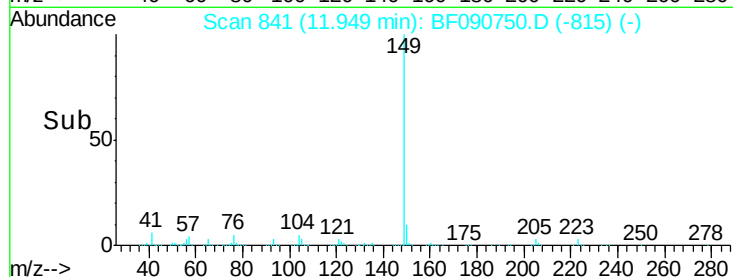
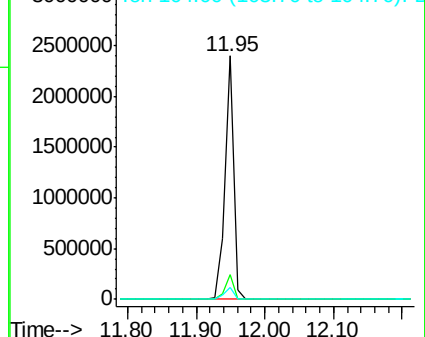
104 5.0 2.4 3.6#



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: 43.55 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

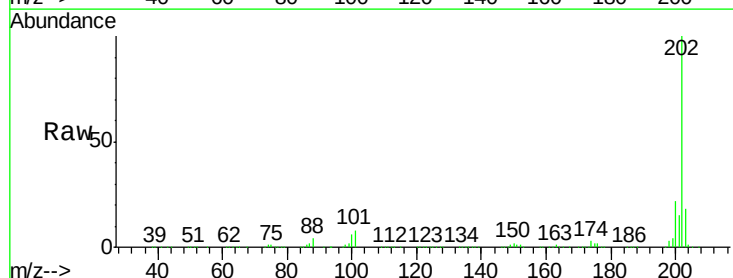
Tgt Ion:202 Resp: 1769897

Ion Ratio Lower Upper

202 100

101 8.3 0.0 38.3

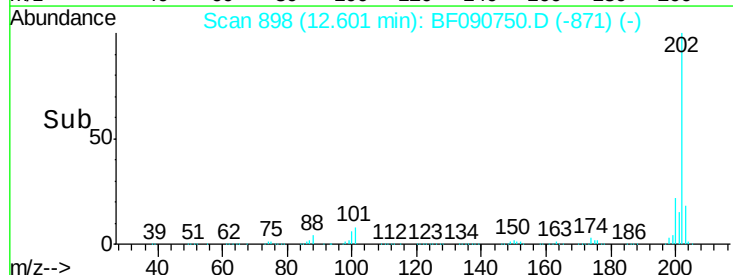
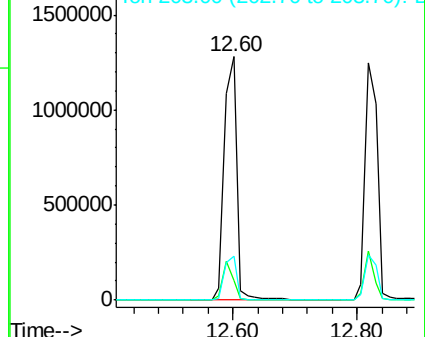
203 17.8 0.0 37.3

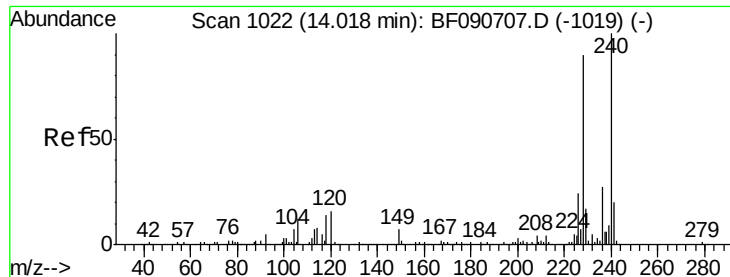


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

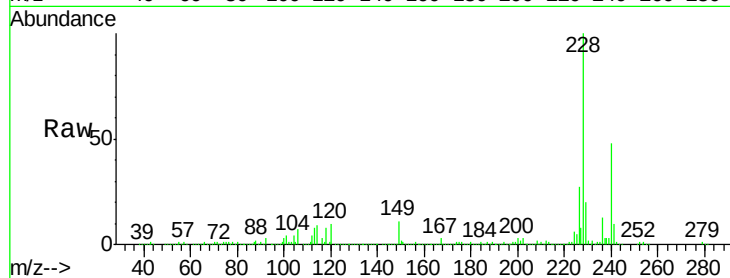
Tgt Ion:240 Resp: 536522

Ion Ratio Lower Upper

240 100

120 20.1 16.2 24.2

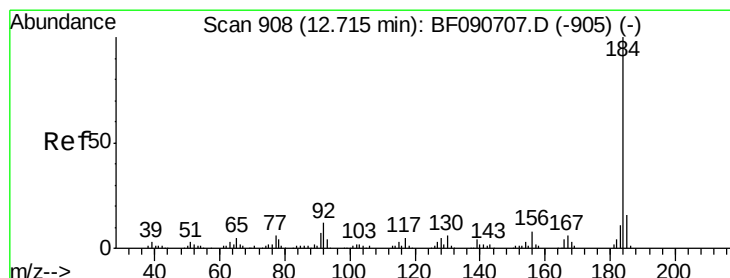
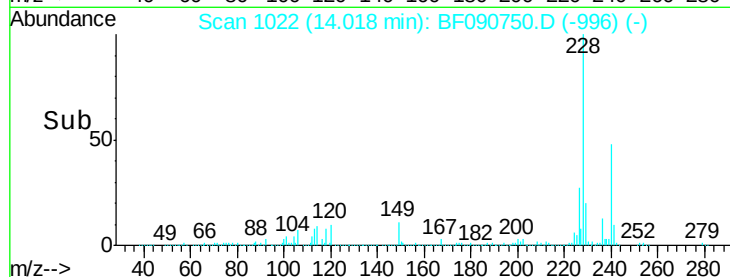
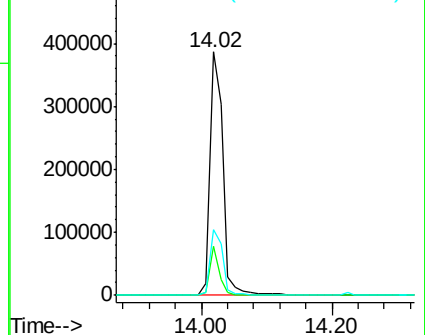
236 26.8 18.4 27.6



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: 24.01 ng

RT: 12.72 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

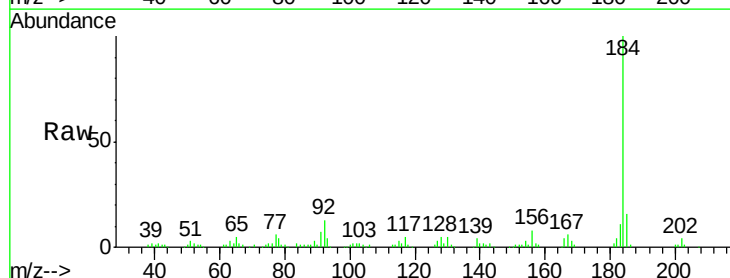
Tgt Ion:184 Resp: 285999

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.6

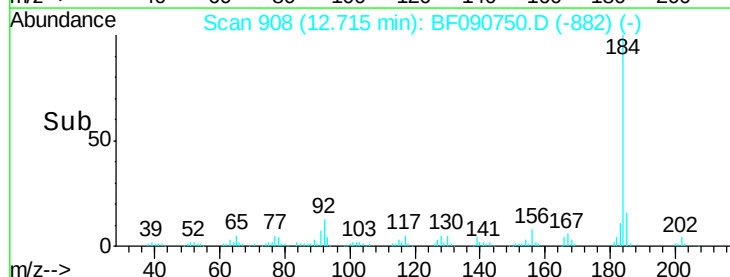
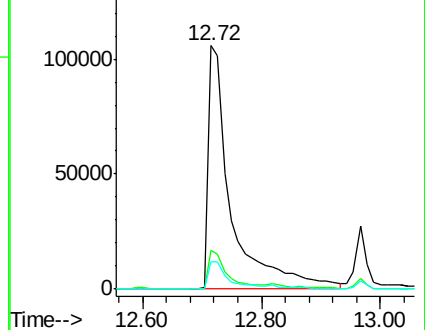
183 11.2 7.6 11.4

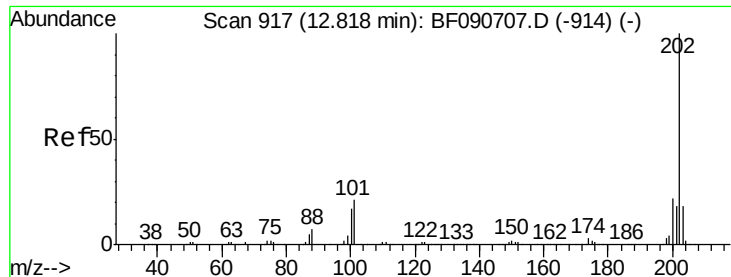


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

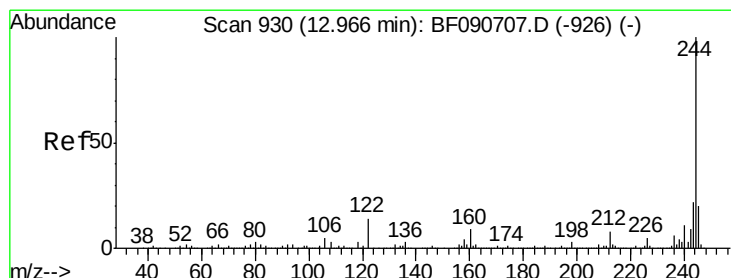
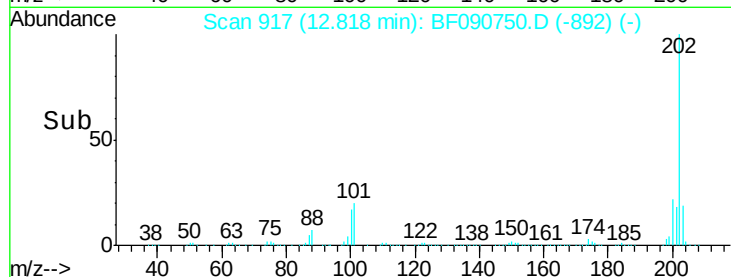
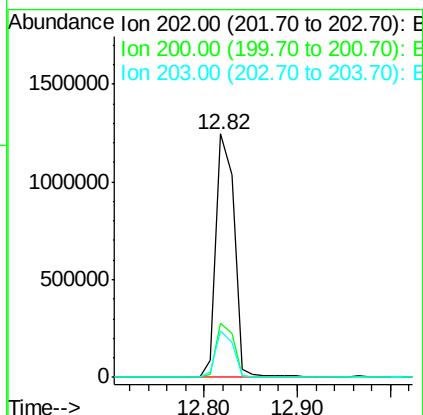
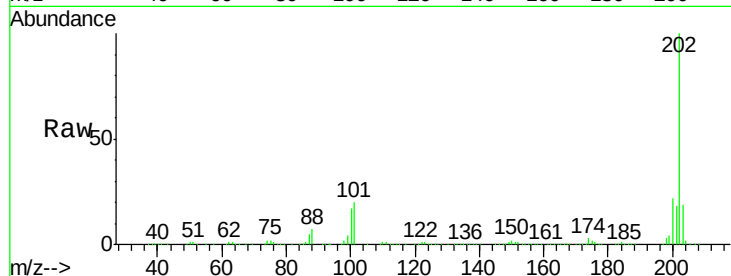




#77
 Pyrene
 Concen: 44.80 ng
 RT: 12.82 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

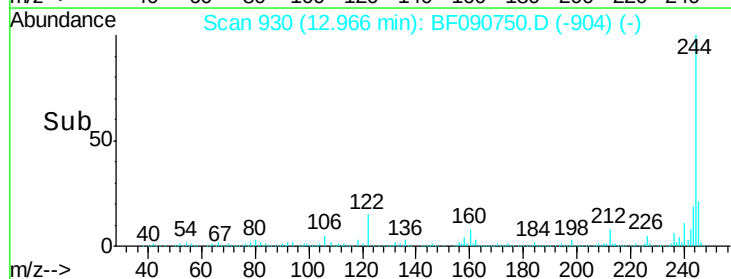
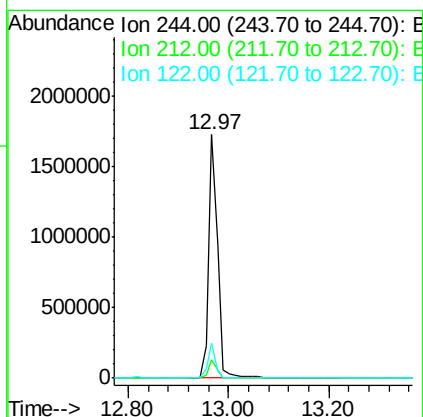
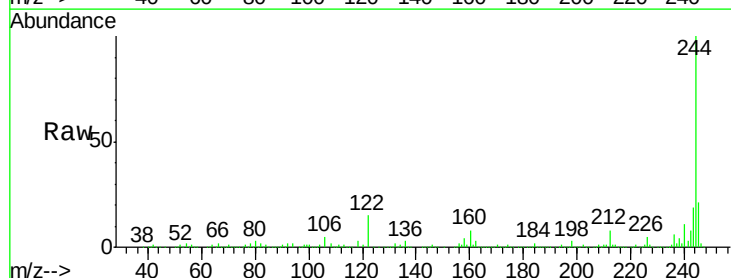
Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

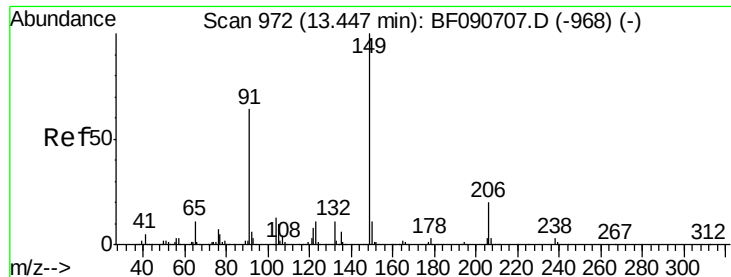
Tgt Ion:202 Resp: 1678559
 Ion Ratio Lower Upper
 202 100
 200 22.3 15.0 22.4
 203 18.9 14.1 21.1



#78
 Terphenyl-d14
 Concen: 90.74 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion:244 Resp: 2124221
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 14.5 17.4 26.2#

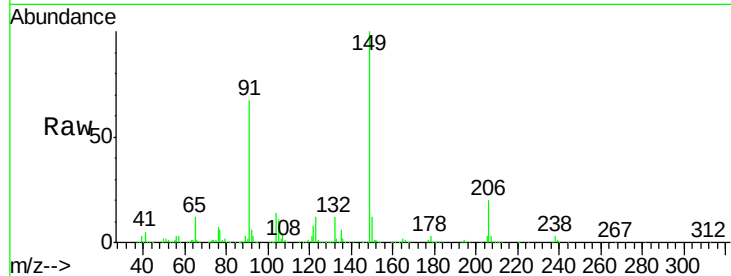




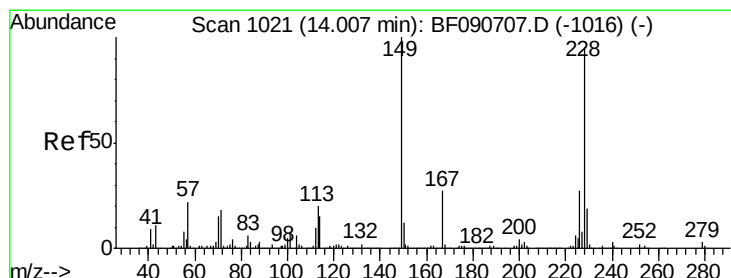
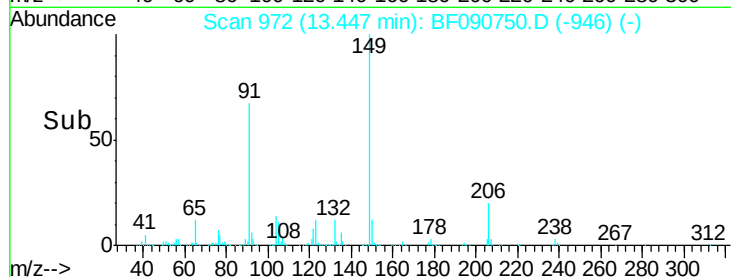
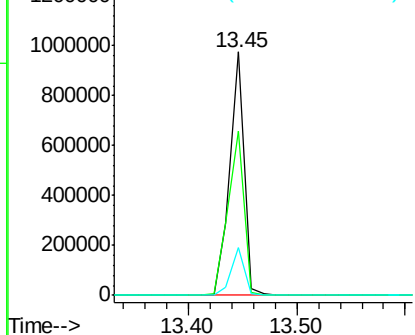
#79
Butylbenzylphthalate
Concen: 52.14 ng
RT: 13.45 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	48.6	72.8
206	19.7	14.9	22.3

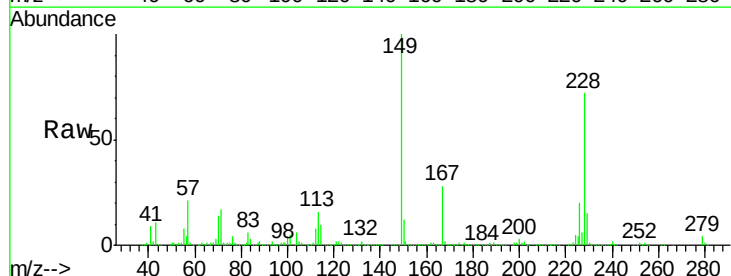


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

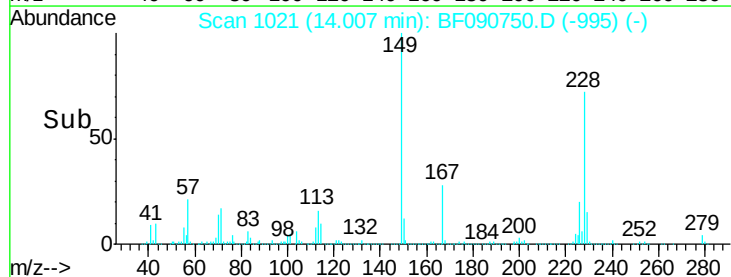
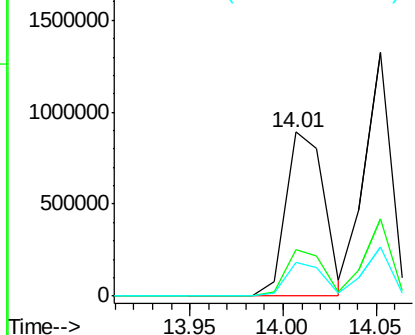


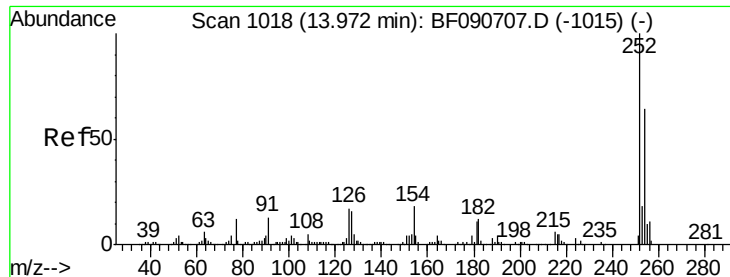
#80
Benzo(a)anthracene
Concen: 43.48 ng
RT: 14.01 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	20.0	30.0
229	20.5	15.4	23.2



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

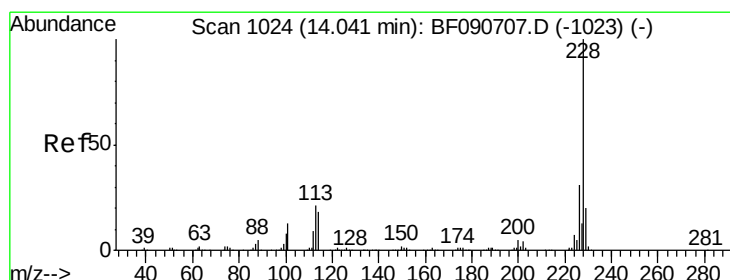
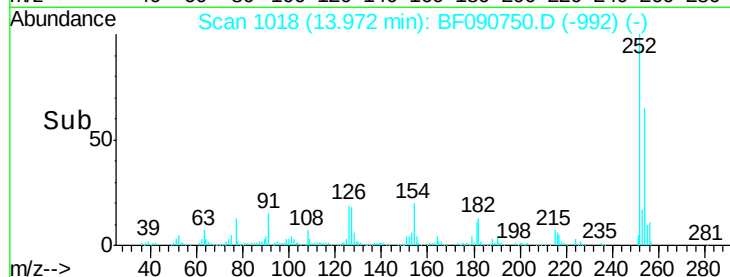
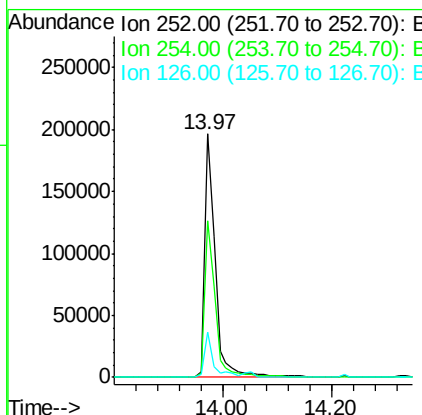
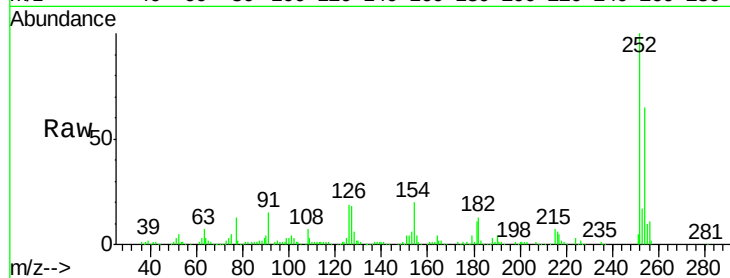




#81
 3,3'-Dichlorobenzidine
 Concen: 25.83 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

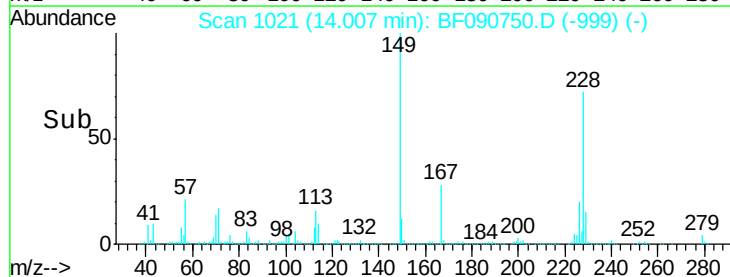
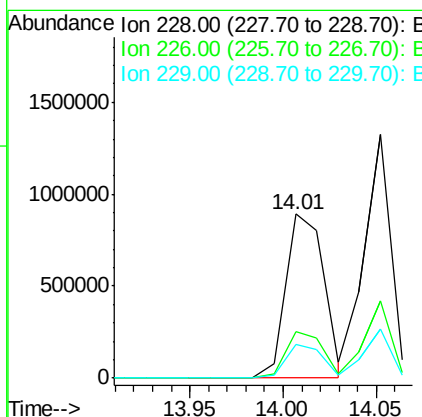
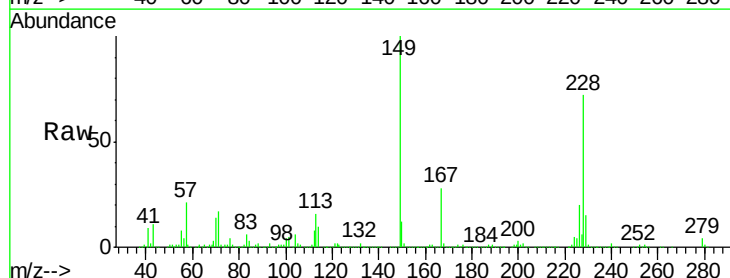
Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

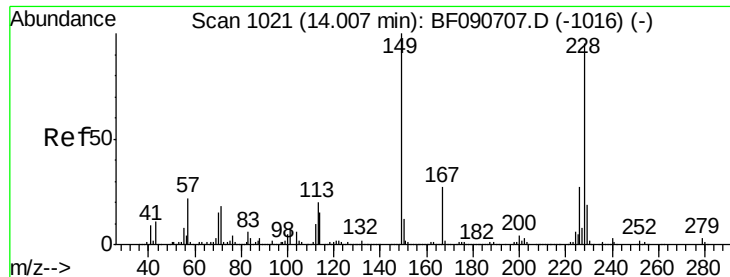
Tgt Ion: 252 Resp: 262771
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.4 77.2
 126 18.7 16.4 24.6



#82
 Chrysene
 Concen: 44.55 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.05 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion: 228 Resp: 1276707
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.0 31.4
 229 20.5 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.37 ng

RT: 14.01 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

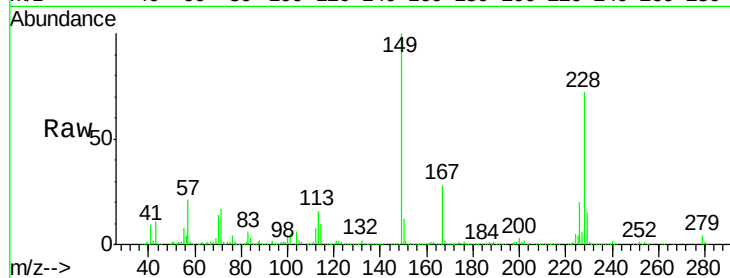
Tgt Ion:149 Resp: 1142733

Ion Ratio Lower Upper

149 100

167 28.3 24.2 36.2

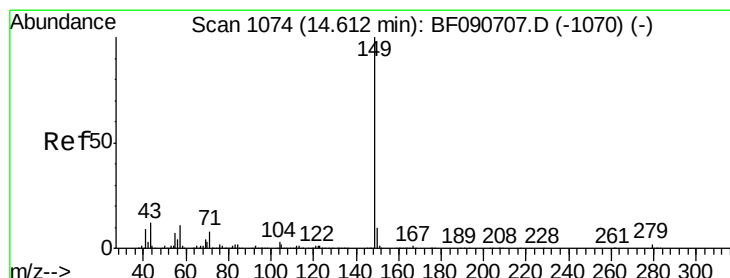
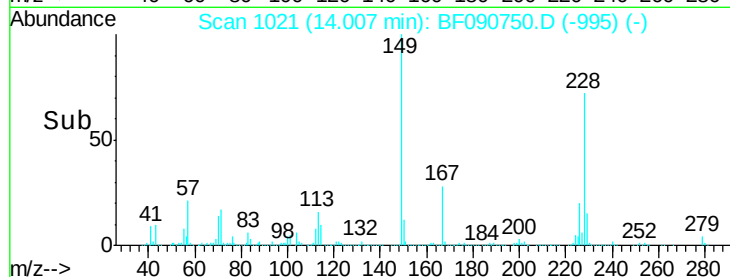
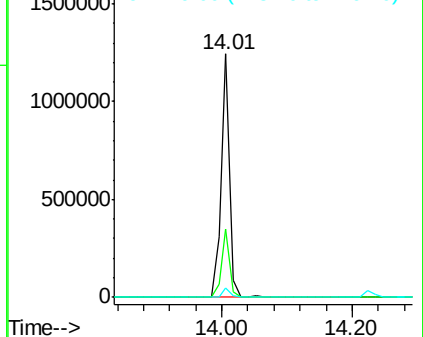
279 3.6 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.76 ng

RT: 14.61 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

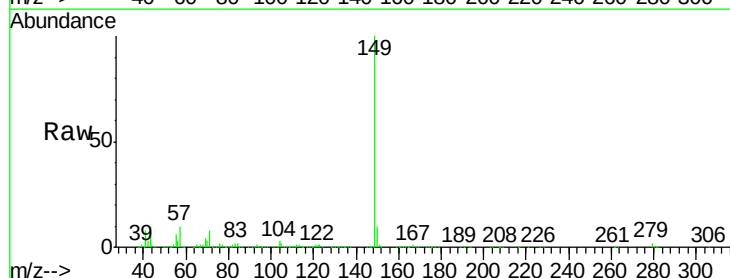
Tgt Ion:149 Resp: 1636863

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

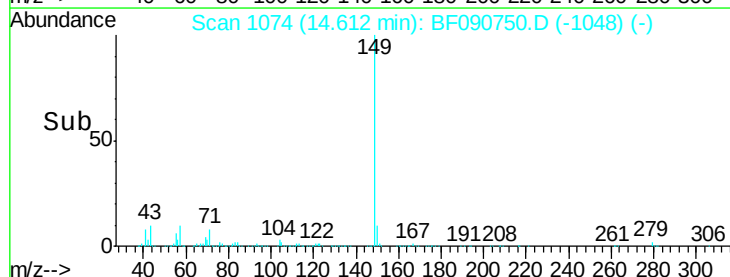
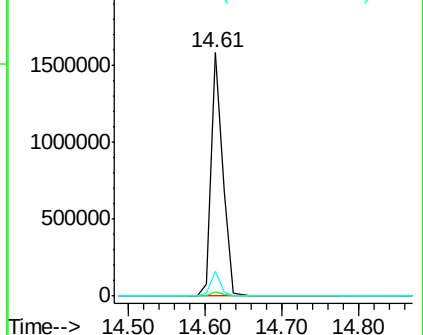
43 9.1 10.2 15.2#

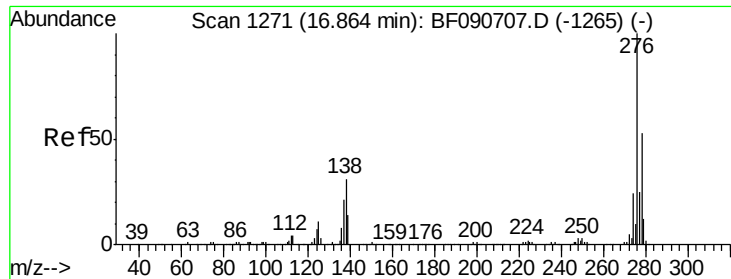


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

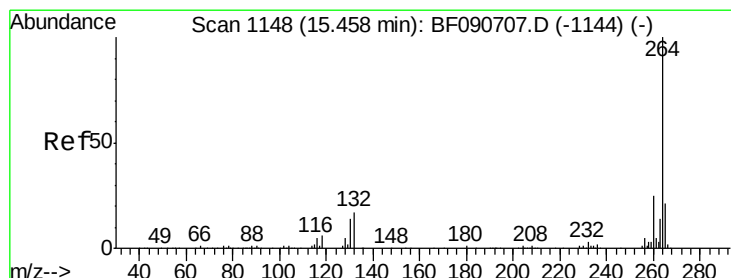
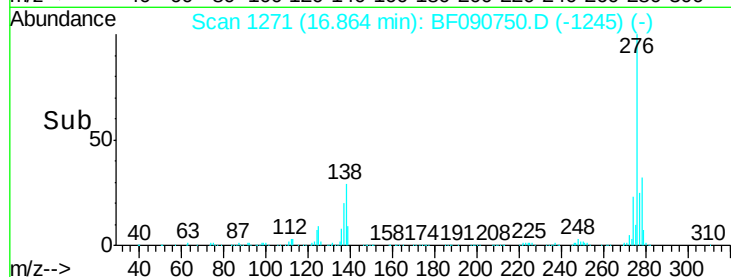
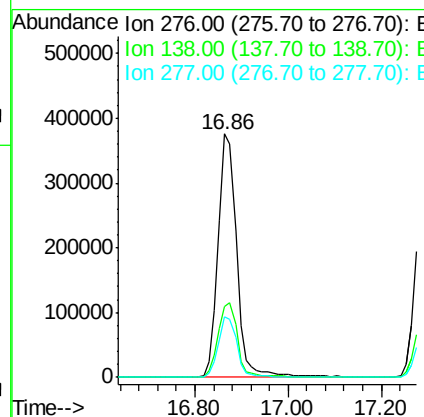
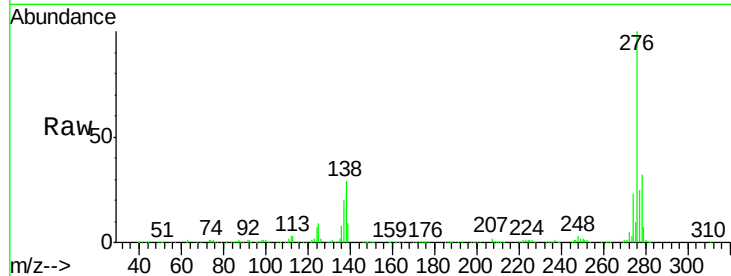




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.80 ng
 RT: 16.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

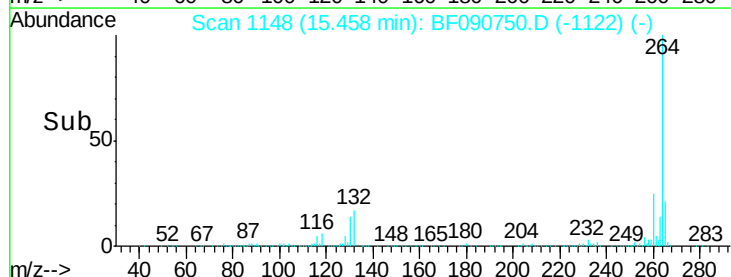
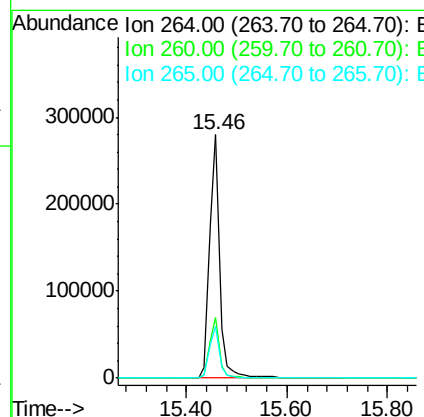
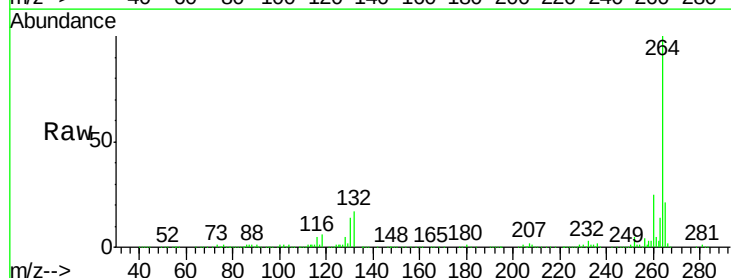
Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

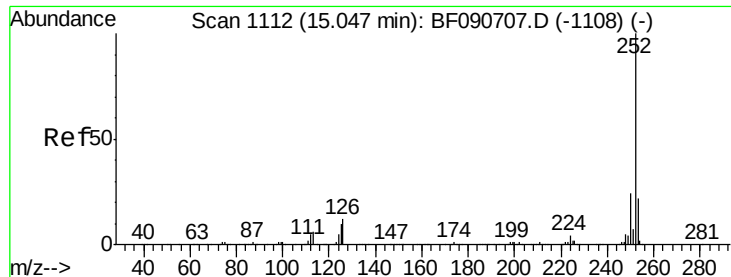
Tgt Ion:276 Resp: 1045094
 Ion Ratio Lower Upper
 276 100
 138 32.2 25.7 38.5
 277 25.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF090750.D
 Acq: 22 Oct 2016 9:41

Tgt Ion:264 Resp: 393130
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.1 17.2 25.8

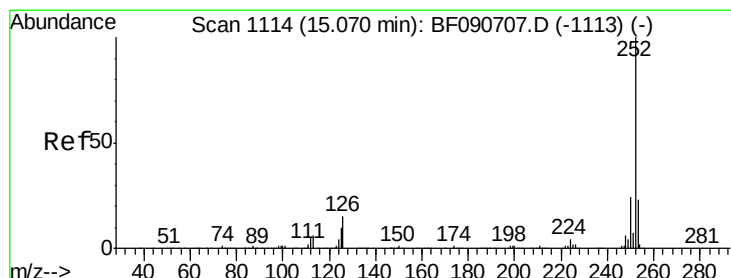
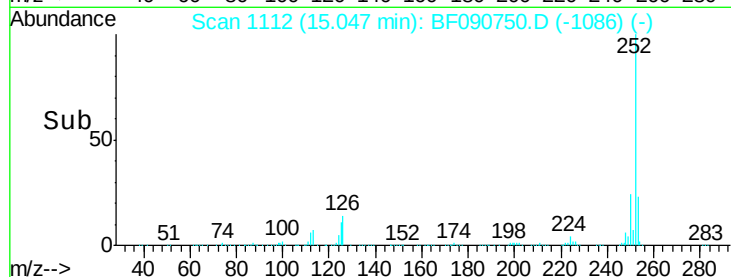
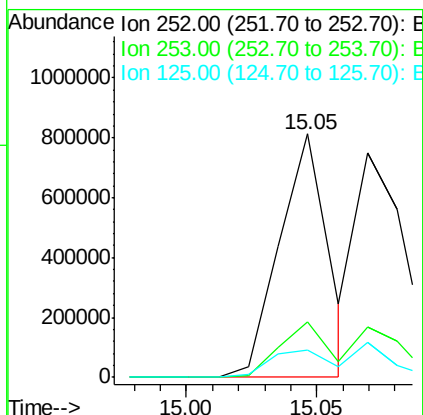
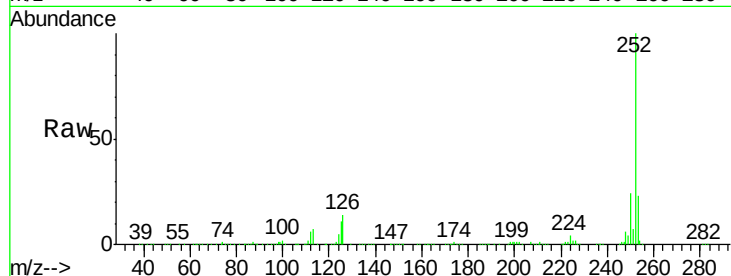




#87
Benzo(b)fluoranthene
Concen: 43.37 ng
RT: 15.05 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

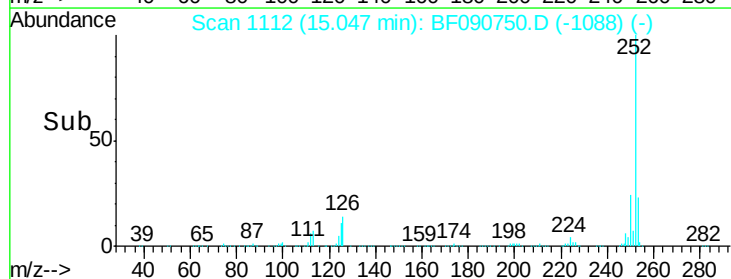
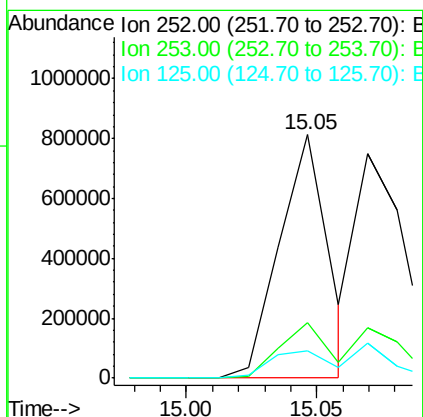
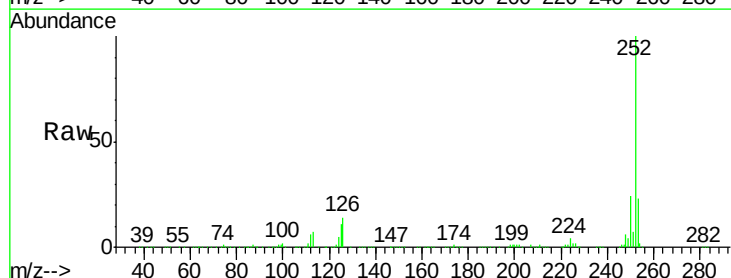
Instrument :
BNA_F
ClientSampleId :
PB94209BS

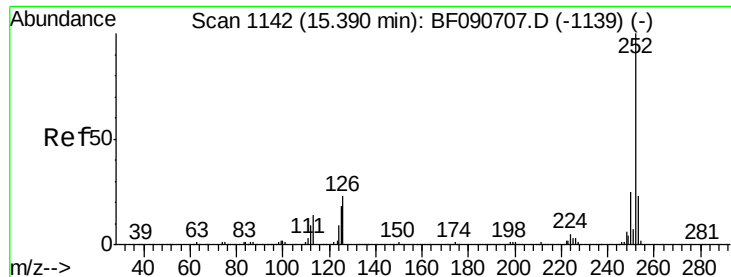
Tgt Ion:252 Resp: 1048495
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.1 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 43.16 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion:252 Resp: 1048495
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 11.1 16.0 24.0#

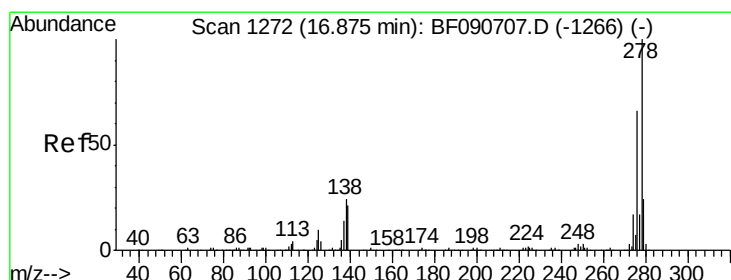
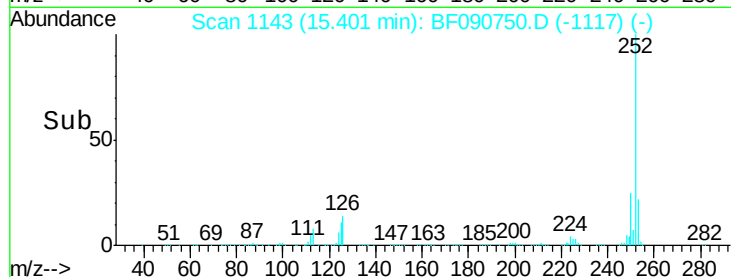
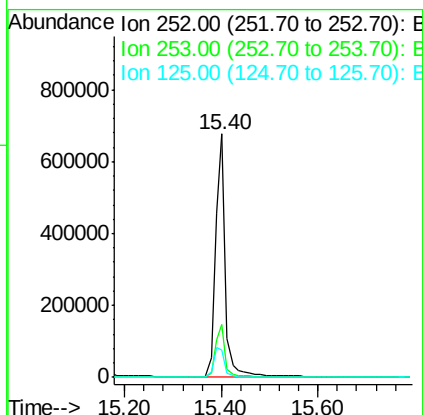
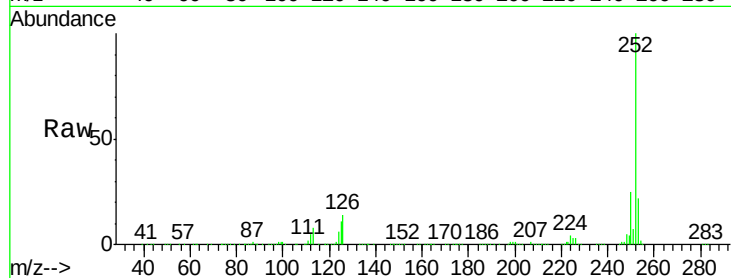




#89
Benzo(a)pyrene
Concen: 42.43 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

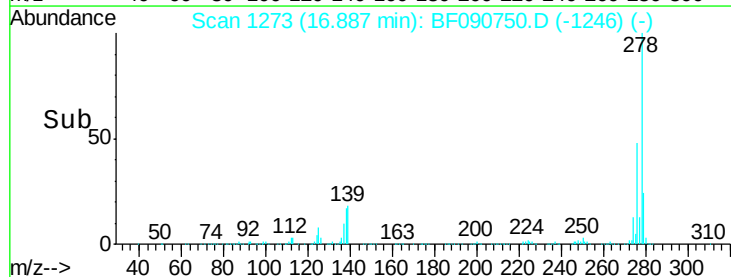
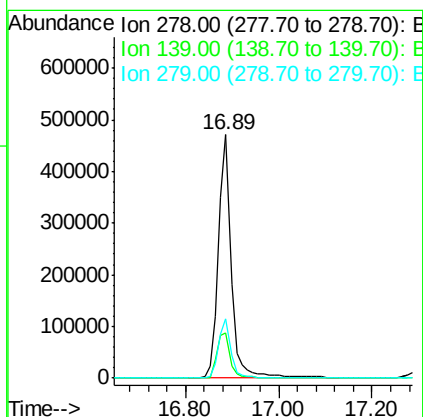
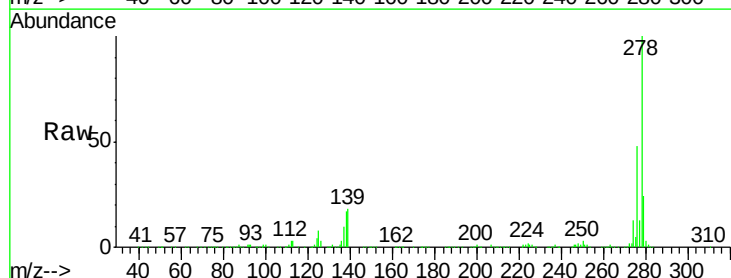
Instrument :
BNA_F
ClientSampleId :
PB94209BS

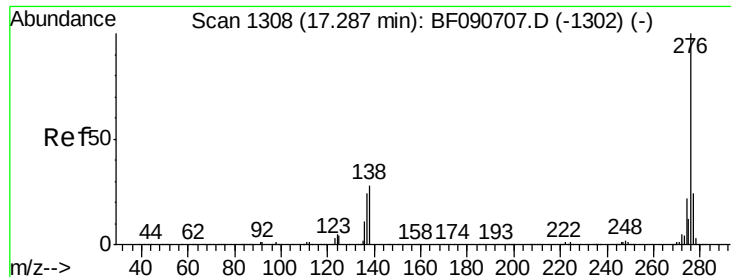
Tgt Ion: 252 Resp: 962336
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 11.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 41.37 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090750.D
Acq: 22 Oct 2016 9:41

Tgt Ion: 278 Resp: 900954
Ion Ratio Lower Upper
278 100
139 18.4 26.3 39.5#
279 24.4 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 39.84 ng

RT: 17.30 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF090750.D

Acq: 22 Oct 2016 9:41

Instrument :

BNA_F

ClientSampleId :

PB94209BS

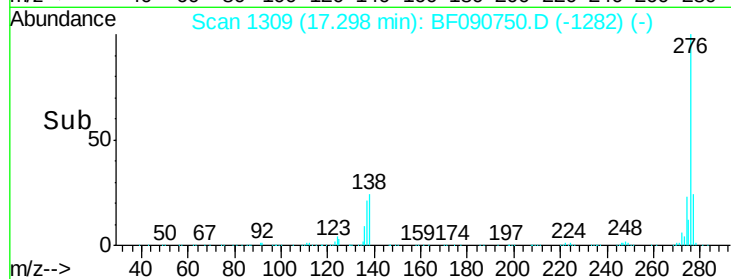
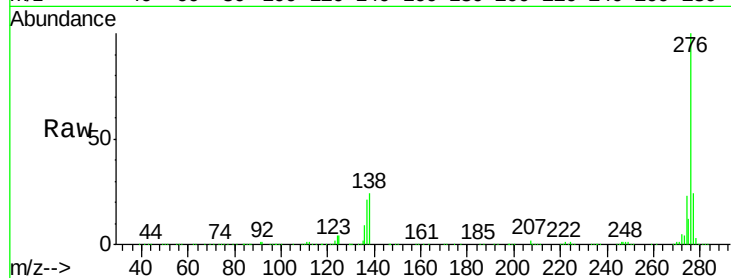
Tgt Ion: 276 Resp: 841426

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 24.4 34.6 51.8#



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

