

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090713.D
 Acq On : 21 Oct 2016 15:03
 Operator : UM/SJ
 Sample : PB94209BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Quant Time: Oct 21 20:15:12 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	6.86	152	243280	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1023737	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	527761	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	793227	20.00	ng	0.00
75) Chrysene-d12	14.03	240	566257	20.00	ng	0.01
86) Perylene-d12	15.46	264	368893	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2205507	146.21	ng	0.02
7) Phenol-d6	6.51	99	2814070	137.73	ng	0.01
23) Nitrobenzene-d5	7.42	82	2000553	107.18	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	674047	161.36	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	3285493	96.64	ng	0.00
78) Terphenyl-d14	12.98	244	2887798	116.88	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	329529	37.75	ng	86
3) Pyridine	3.34	79	891023	43.56	ng	# 78
4) n-Nitrosodimethylamine	3.30	42	367059	52.45	ng	89
6) Aniline	6.53	93	653386	28.20	ng	# 80
8) 2-Chlorophenol	6.65	128	805289	44.47	ng	84
9) Benzaldehyde	6.41	77	201011	17.99	ng	# 76
10) Phenol	6.52	94	1159989	50.50	ng	# 66
11) bis(2-Chloroethyl)ether	6.60	93	923179	47.84	ng	97
12) 1,3-Dichlorobenzene	6.79	146	827053	45.47	ng	# 88
13) 1,4-Dichlorobenzene	6.87	146	886575	45.95	ng	# 91
14) 1,2-Dichlorobenzene	7.03	146	860036	45.53	ng	96
15) Benzyl Alcohol	7.00	79	695787	50.13	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1261733	43.65	ng	72
17) 2-Methylphenol	7.13	107	695405	50.97	ng	# 81
18) Hexachloroethane	7.37	117	354457	45.26	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	725141	47.66	ng	# 69
20) 3+4-Methylphenols	7.27	107	767399	47.45	ng	# 59
22) Acetophenone	7.27	105	1134027	49.71	ng	# 81
24) Nitrobenzene	7.45	77	969846	47.93	ng	# 68
25) Isophorone	7.69	82	1781100	50.41	ng	# 87
26) 2-Nitrophenol	7.77	139	449938	54.43	ng	# 78
27) 2,4-Dimethylphenol	7.80	122	583726	39.82	ng	# 78
28) bis(2-Chloroethoxy)methane	7.90	93	1084730	56.12	ng	# 95
29) 2,4-Dichlorophenol	8.01	162	643144	53.46	ng	92
30) 1,2,4-Trichlorobenzene	8.09	180	713281	50.38	ng	96
31) Naphthalene	8.17	128	2376489	47.46	ng	96
32) Benzoic acid	7.95	122	374752	38.11	ng	# 57
33) 4-Chloroaniline	8.21	127	279440	15.05	ng	# 83
34) Hexachlorobutadiene	8.28	225	390269	49.03	ng	98
35) Caprolactam	8.60	113	116546	33.92	ng	# 82
36) 4-Chloro-3-methylphenol	8.70	107	714335	51.05	ng	# 76
37) 2-Methylnaphthalene	8.86	142	1594199	54.47	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	660306	46.33	ng	98
40) Hexachlorocyclopentadiene	9.01	237	777235	116.18	ng	96

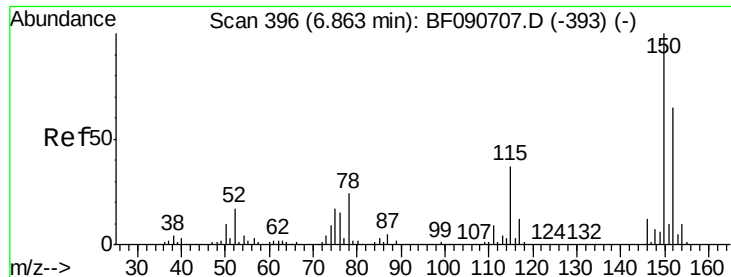
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090713.D
 Acq On : 21 Oct 2016 15:03
 Operator : UM/SJ
 Sample : PB94209BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Quant Time: Oct 21 20:15:12 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)
42) 2,4,6-Trichlorophenol	9.14	196	452701	51.22	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	427393	47.65	nq #	89
45) 1,1'-Biphenyl	9.32	154	1757956	42.42	nq	89
46) 2-Chloronaphthalene	9.34	162	1449658	47.06	nq #	87
47) 2-Nitroaniline	9.45	65	510585	49.93	nq #	72
48) Acenaphthylene	9.77	152	2271299	48.32	nq	95
49) Dimethylphthalate	9.63	163	1526796	46.04	nq #	97
50) 2,6-Dinitrotoluene	9.69	165	333080	46.70	nq #	39
51) Acenaphthene	9.94	154	1599524	51.26	nq	88
52) 3-Nitroaniline	9.86	138	182345	22.24	nq #	60
53) 2,4-Dinitrophenol	9.97	184	345965	83.03	nq #	86
54) Dibenzofuran	10.11	168	1968609	52.08	nq #	84
55) 4-Nitrophenol	10.03	139	526105	102.65	nq #	40
56) 2,4-Dinitrotoluene	10.10	165	522042	59.89	nq #	84
57) Fluorene	10.45	166	1581157	50.47	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.22	232	365415	51.92	nq	93
59) Diethylphthalate	10.33	149	1576403	45.83	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	714556	49.91	nq #	84
61) 4-Nitroaniline	10.49	138	367714	44.29	nq #	60
62) Azobenzene	10.60	77	1912402	47.48	nq	86
64) 4,6-Dinitro-2-methylphenol	10.51	198	231964	46.00	nq #	67
65) n-Nitrosodiphenylamine	10.57	169	1343953	52.88	nq	89
66) 4-Bromophenyl-phenylether	10.93	248	435961	56.69	nq	97
67) Hexachlorobenzene	11.00	284	520615	57.37	nq #	83
68) Atrazine	11.09	200	372599	53.12	nq	84
69) Pentachlorophenol	11.19	266	536931	89.60	nq	98
70) Phenanthrene	11.46	178	2111893	52.23	nq	95
71) Anthracene	11.46	178	2122385	47.33	nq	95
72) Carbazole	11.62	167	1922515	51.28	nq #	92
73) Di-n-butylphthalate	11.95	149	2351924	48.36	nq #	96
74) Fluoranthene	12.60	202	2148988	54.94	nq	89
76) Benzidine	12.73	184	261879	20.83	nq	97
77) Pyrene	12.60	202	2115462	53.49	nq	95
79) Butylbenzylphthalate	13.45	149	1039764	57.20	nq	89
80) Benzo(a)anthracene	14.02	228	1628654	52.56	nq	95
81) 3,3'-Dichlorobenzidine	13.97	252	294427	27.42	nq	98
82) Chrysene	14.02	228	1628654	53.85	nq	96
83) Bis(2-ethylhexyl)phthalate	14.01	149	1294360	49.77	nq #	96
84) Di-n-octyl phthalate	14.61	149	1996595	50.58	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.88	276	1080819	40.96	nq #	94
87) Benzo(b)fluoranthene	15.05	252	1199398	52.88	nq #	90
88) Benzo(k)fluoranthene	15.05	252	1199398	52.62	nq #	91
89) Benzo(a)pyrene	15.40	252	1085488	51.01	nq #	88
90) Dibenzo(a,h)anthracene	16.89	278	928984	45.46	nq #	85
91) Benzo(g,h,i)perylene	17.30	276	861492	43.47	nq #	81

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

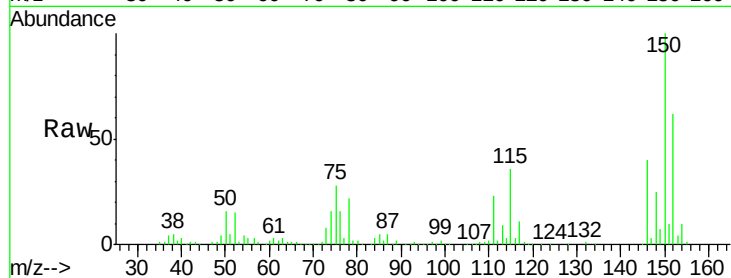
Tot Ion:152 Resp: 243280

Ion Ratio Lower Upper

152 100

150 162.4 124.7 187.1

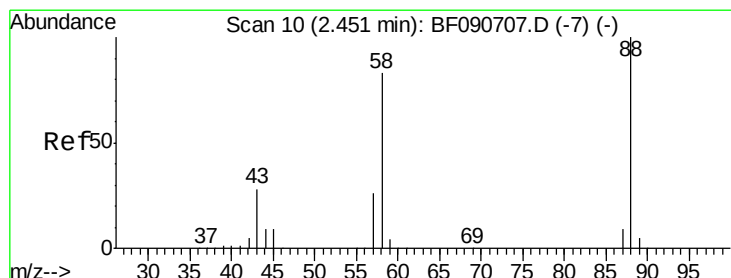
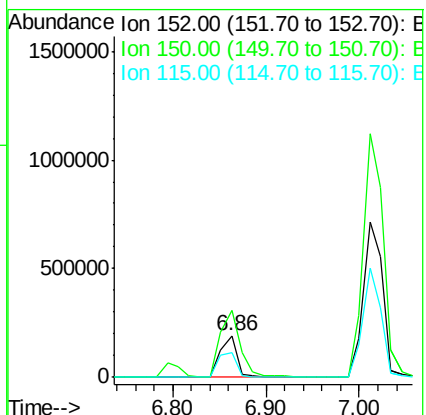
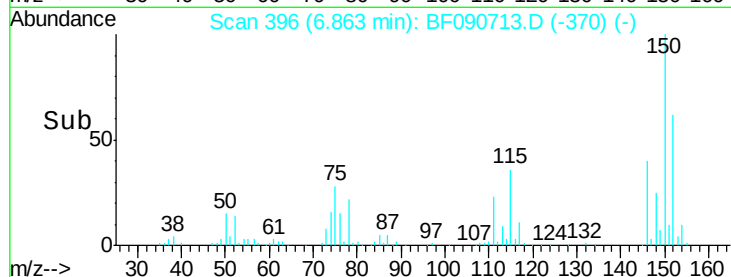
115 58.2 39.0 58.4



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: 37.75 ng

RT: 2.62 min Scan# 25

Delta R.T. 0.14 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

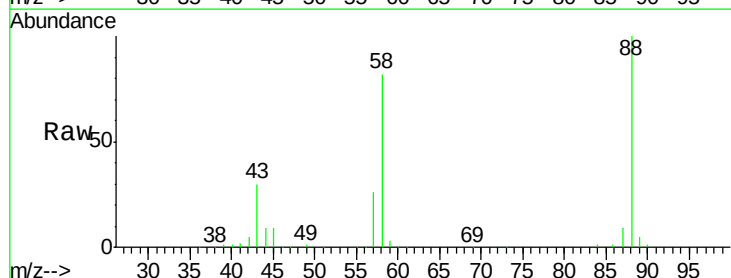
Tgt Ion: 88 Resp: 329529

Ion Ratio Lower Upper

88 100

58 80.7 77.7 116.5

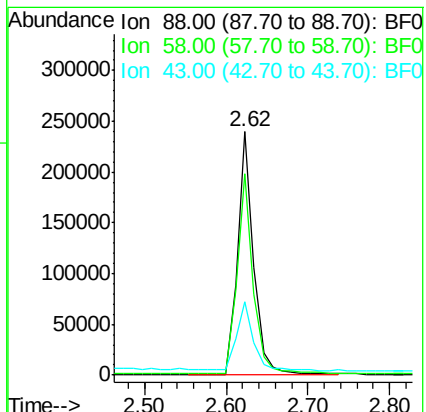
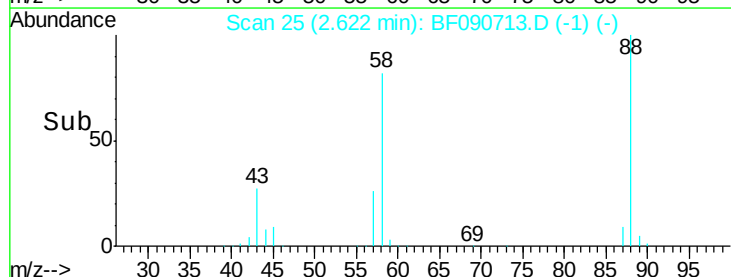
43 28.8 26.6 40.0

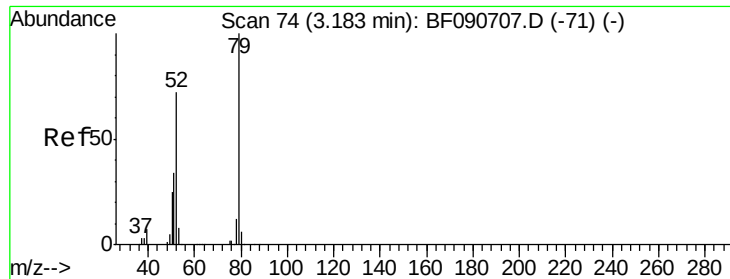


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.56 ng

RT: 3.34 min Scan# 88

Delta R.T. 0.14 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

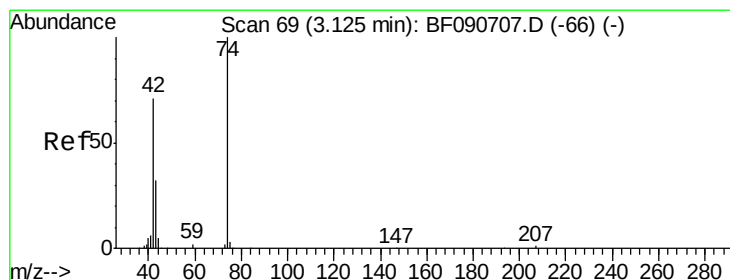
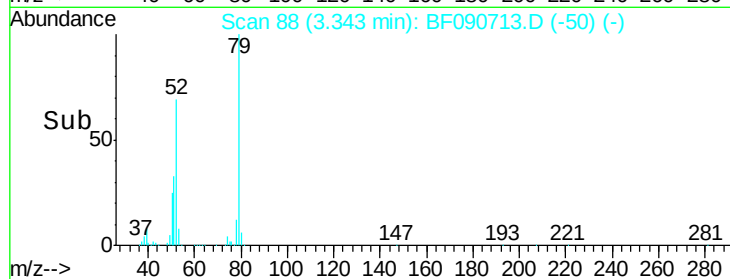
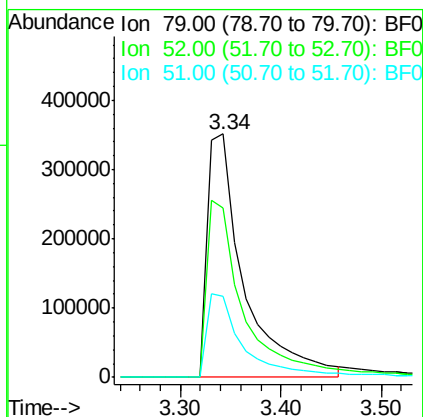
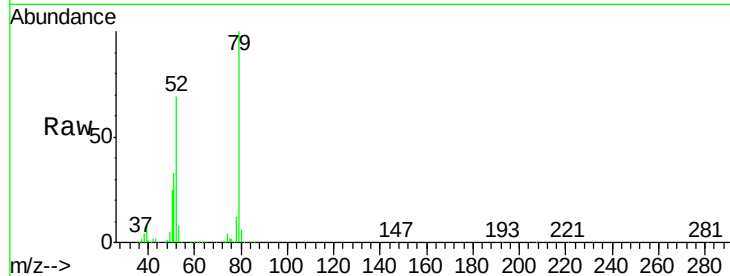
Tot Ion: 79 Resp: 891023

Ion Ratio Lower Upper

79 100

52 69.5 76.8 115.2#

51 33.3 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 52.45 ng

RT: 3.30 min Scan# 84

Delta R.T. 0.14 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

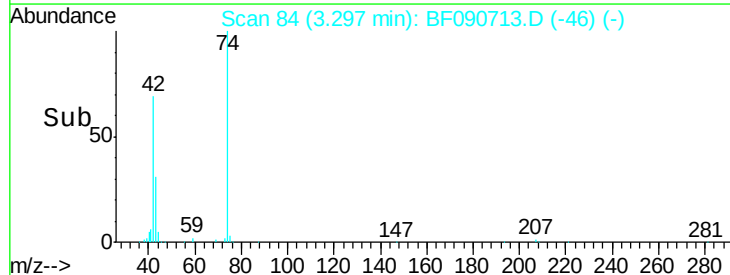
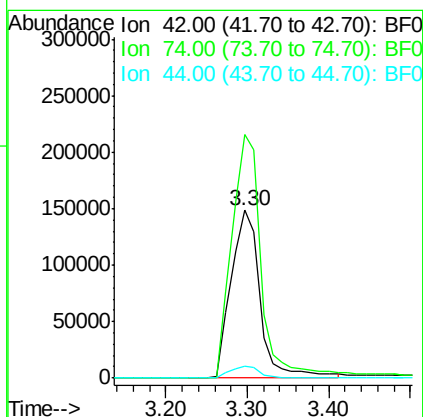
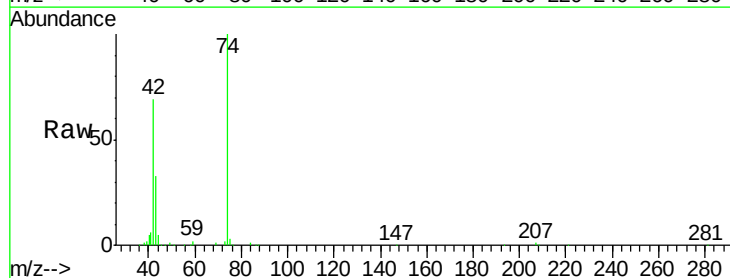
Tgt Ion: 42 Resp: 367059

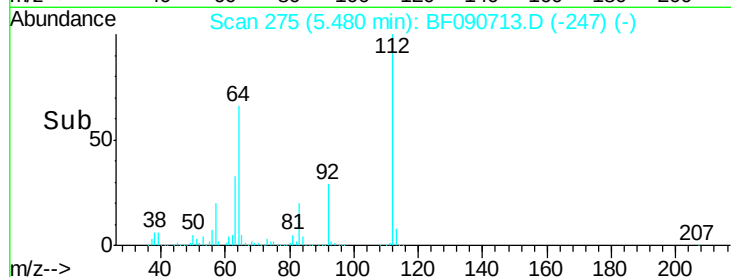
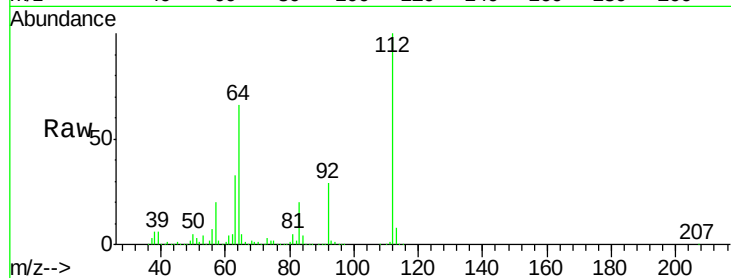
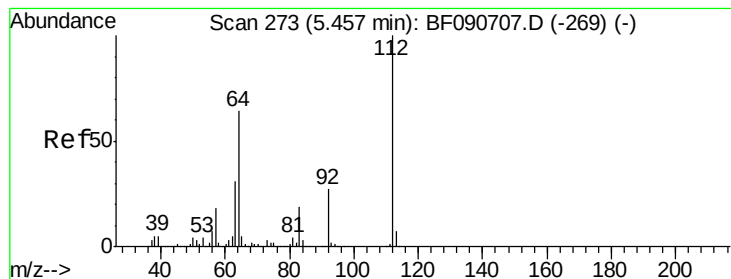
Ion Ratio Lower Upper

42 100

74 145.3 105.0 157.6

44 7.1 6.6 10.0





#5

2-Fluorophenol

Concen: 146.21 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

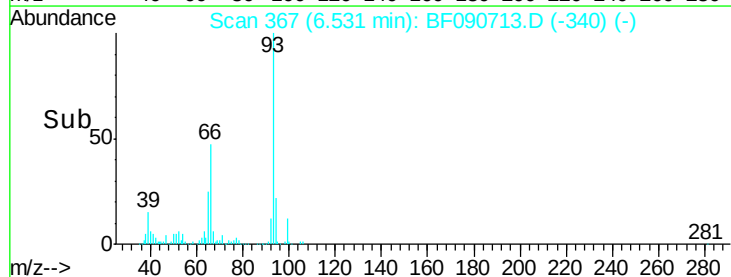
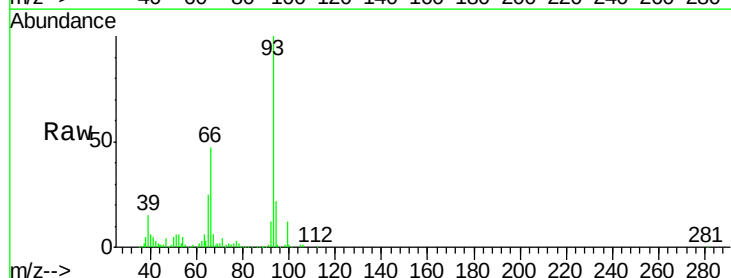
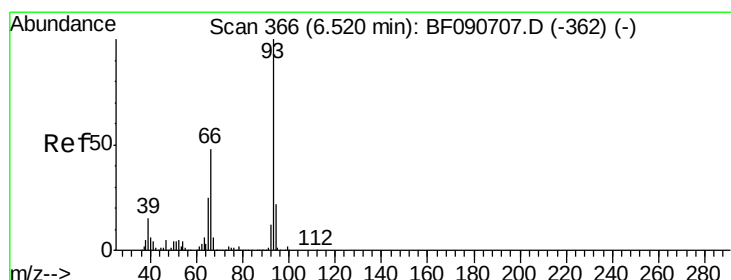
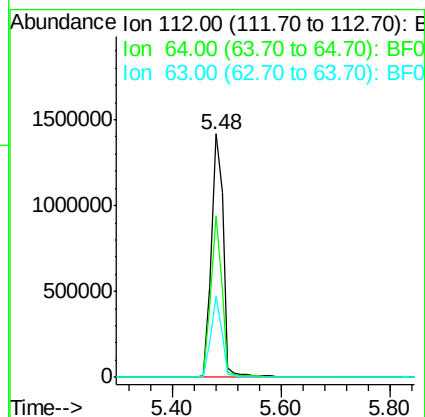
Tot Ion:112 Resp: 2205507

Ion Ratio Lower Upper

112 100

64 66.3 39.7 59.5#

63 33.5 17.4 26.0#



#6

Aniline

Concen: 28.20 ng

RT: 6.53 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

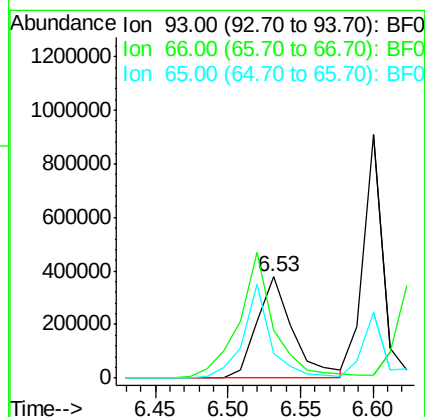
Tgt Ion: 93 Resp: 653386

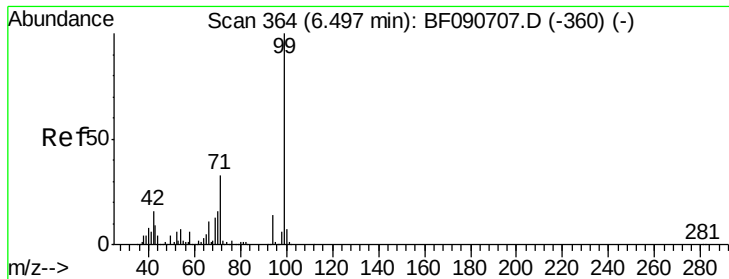
Ion Ratio Lower Upper

93 100

66 47.5 27.2 40.8#

65 24.7 14.7 22.1#





#7

Phenol-d6

Concen: 137.73 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

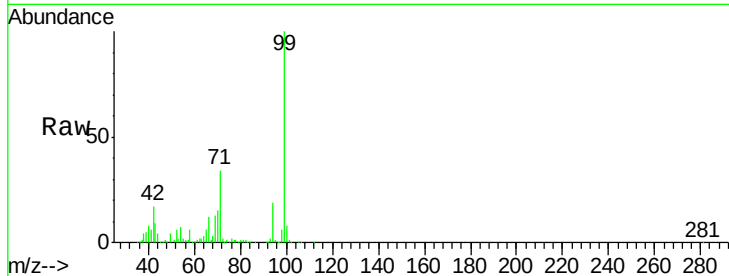
Tot Ion: 99 Resp: 2814070

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

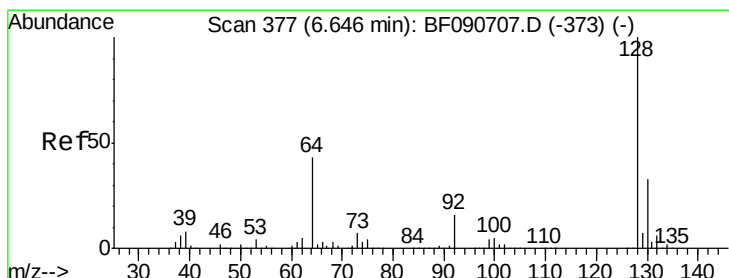
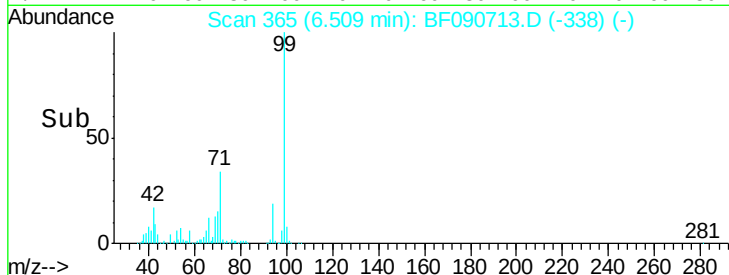
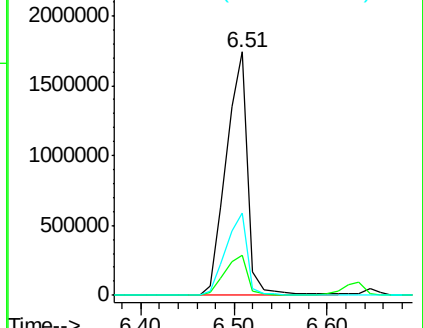
71 34.0 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.47 ng

RT: 6.65 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

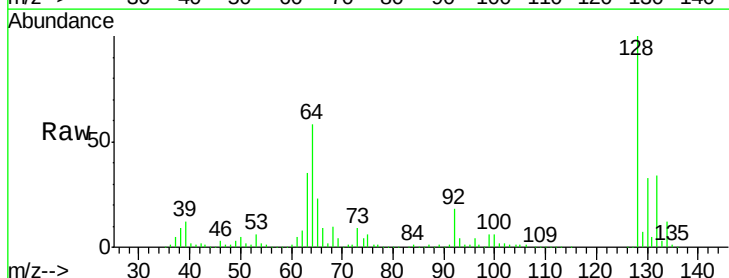
Tgt Ion:128 Resp: 805289

Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

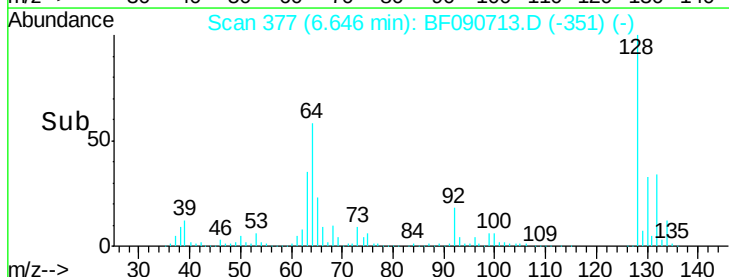
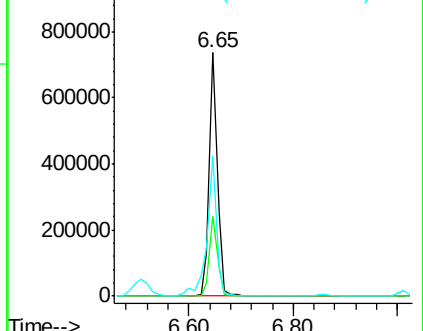
64 57.6 20.5 60.5

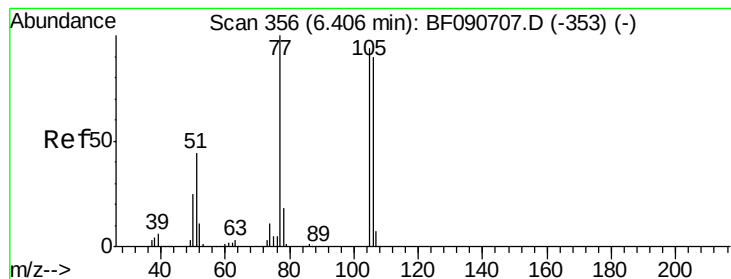


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.99 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

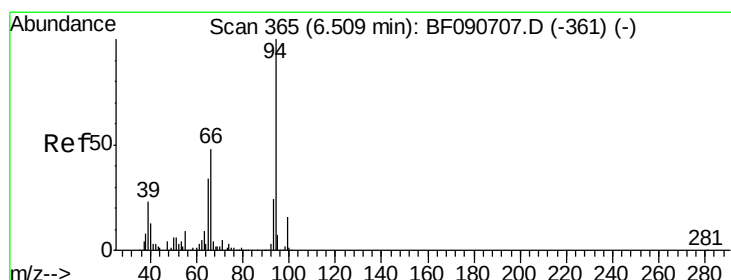
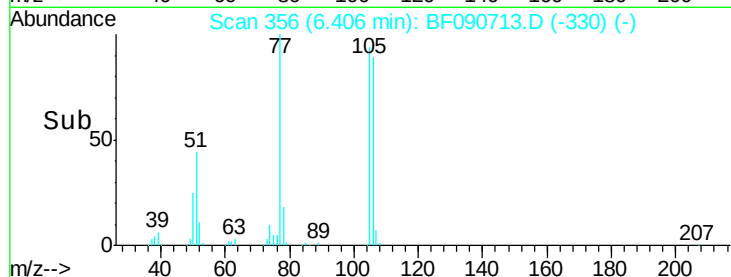
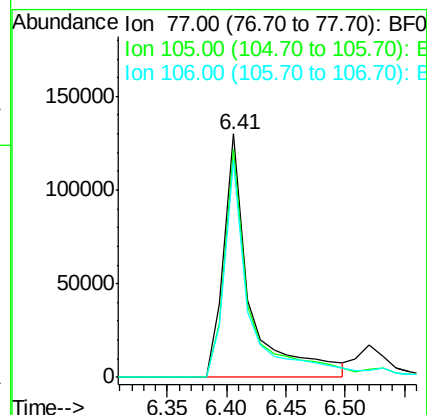
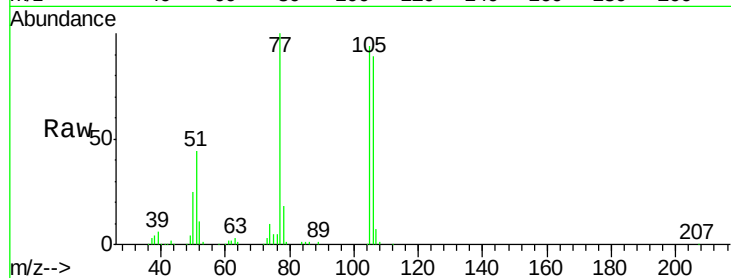
Tot Ion: 77 Resp: 201011

Ion Ratio Lower Upper

77 100

105 94.0 91.6 131.6

106 88.8 102.6 142.6#



#10

Phenol

Concen: 50.50 ng

RT: 6.52 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

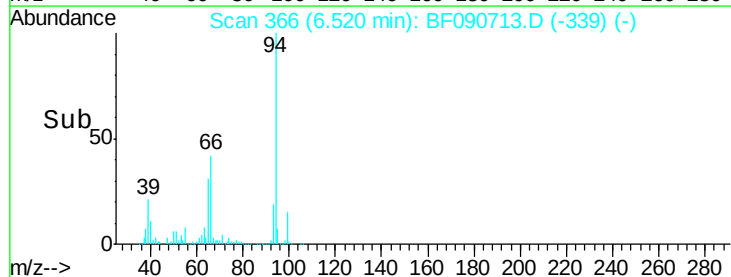
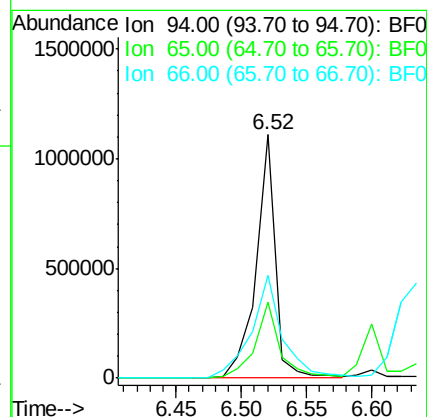
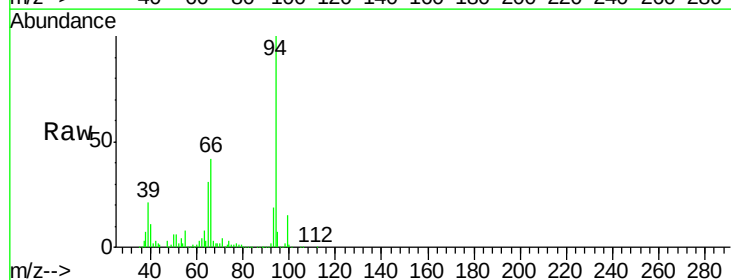
Tgt Ion: 94 Resp: 1159989

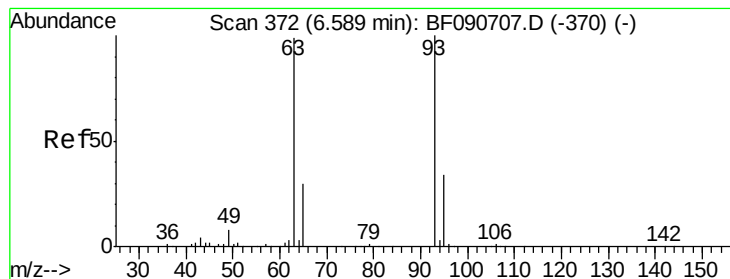
Ion Ratio Lower Upper

94 100

65 31.4 0.7 40.7

66 42.2 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 47.84 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

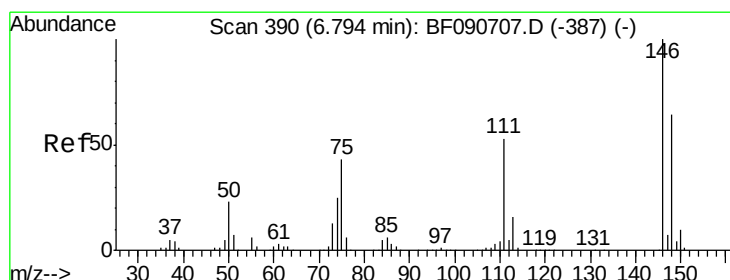
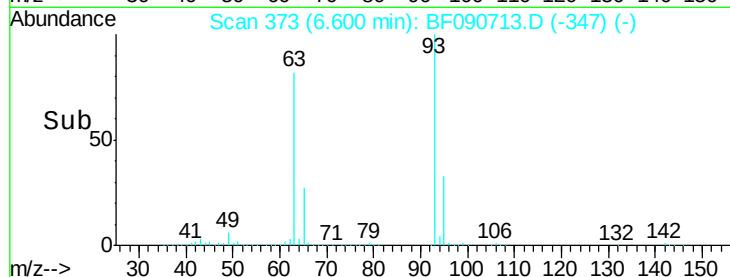
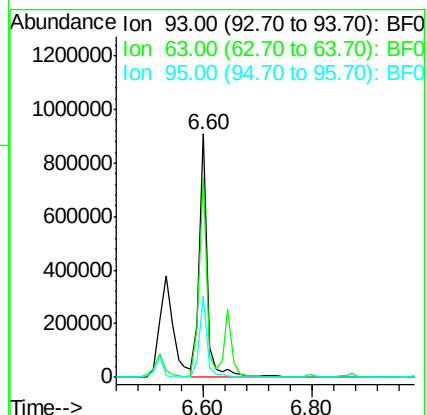
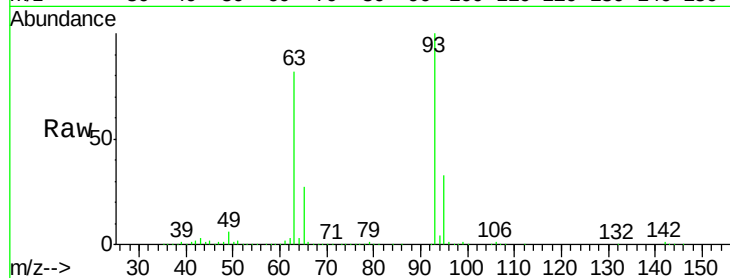
Tot Ion: 93 Resp: 923179

Ion Ratio Lower Upper

93 100

63 82.1 65.6 105.6

95 33.3 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 45.47 ng

RT: 6.79 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

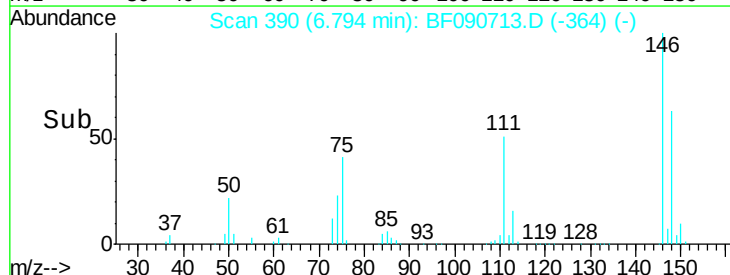
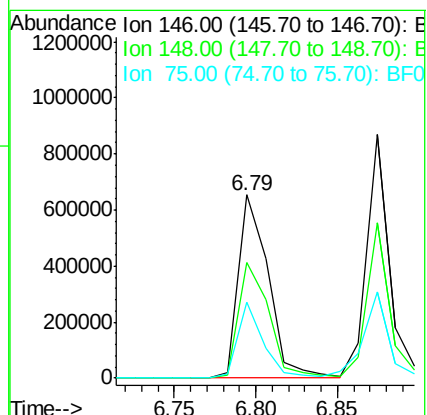
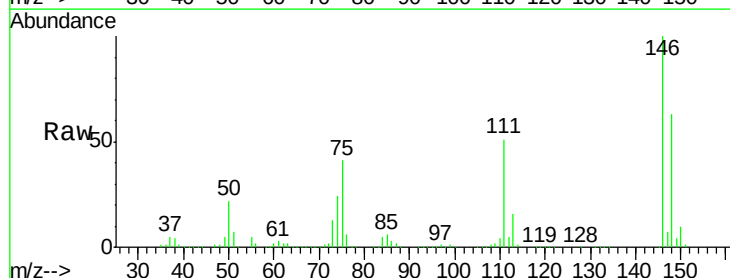
Tgt Ion: 146 Resp: 827053

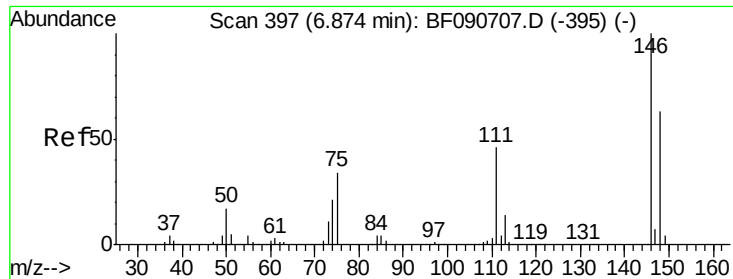
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

75 41.3 15.0 22.6#

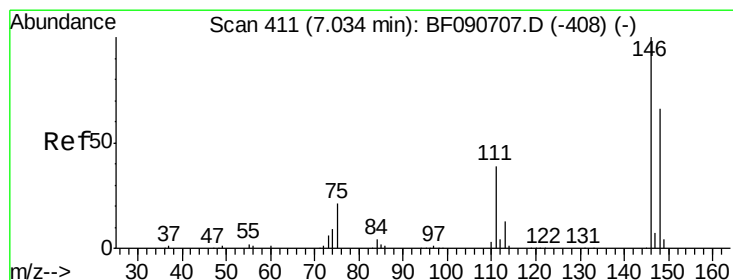
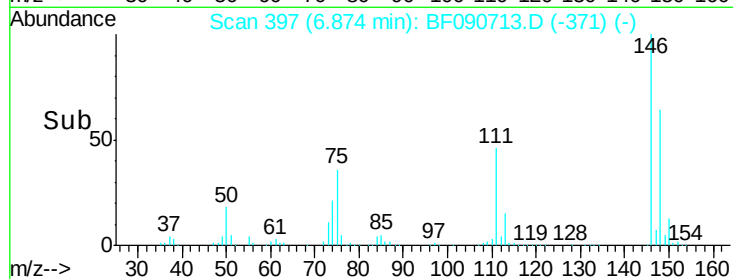
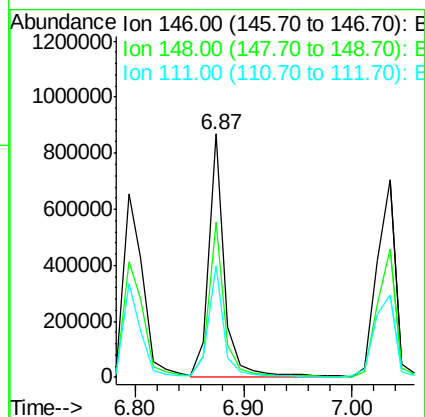
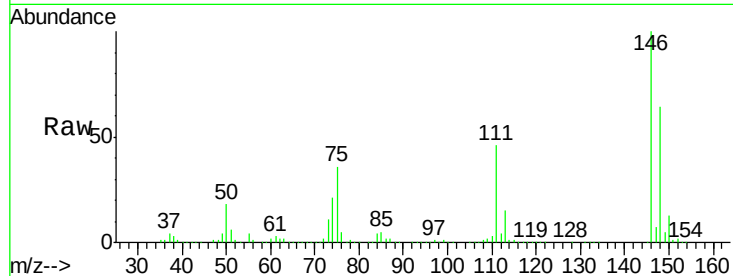




#13
 1,4-Dichlorobenzene
 Concen: 45.95 ng
 RT: 6.87 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

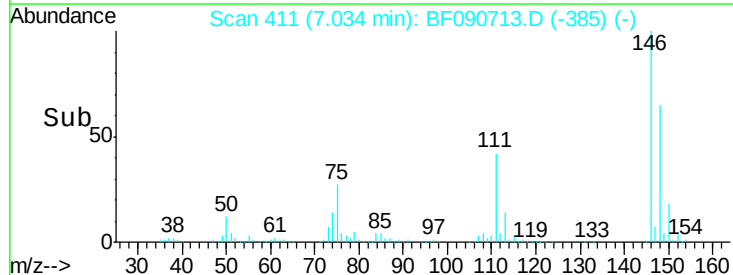
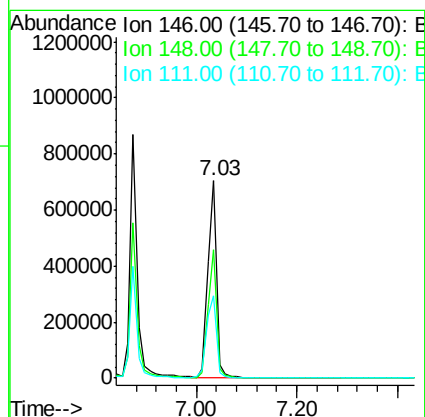
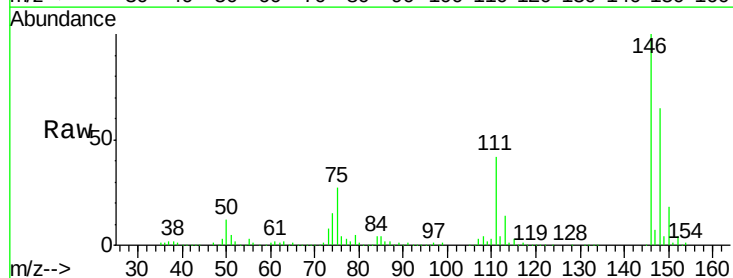
Instrument :
 BNA_F
 ClientSampled :
 PB94209BS

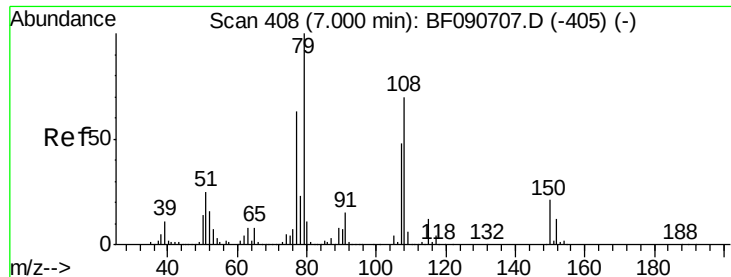
Tot Ion:146 Resp: 886575
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 45.9 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 45.53 ng
 RT: 7.03 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Tgt Ion:146 Resp: 860036
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.7 79.1
 111 41.5 28.8 43.2





#15

Benzyl Alcohol

Concen: 50.13 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

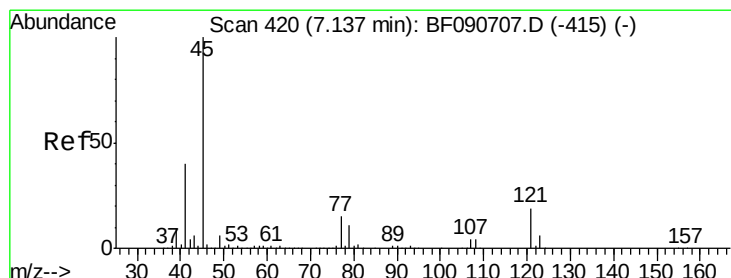
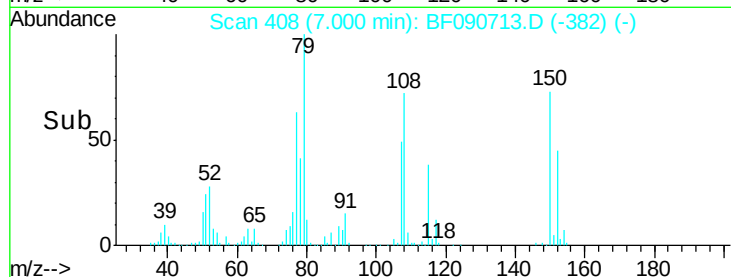
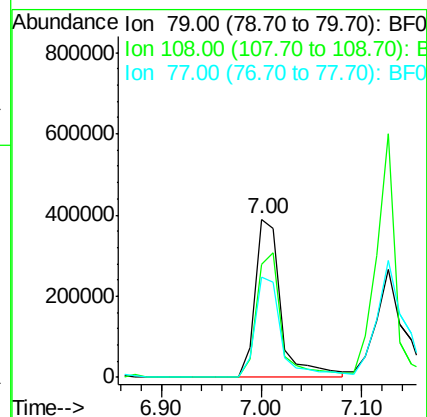
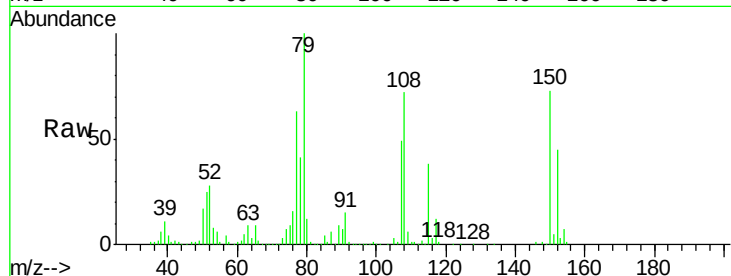
Tot Ion: 79 Resp: 695787

Ion Ratio Lower Upper

79 100

108 71.6 88.6 132.8#

77 63.4 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.65 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

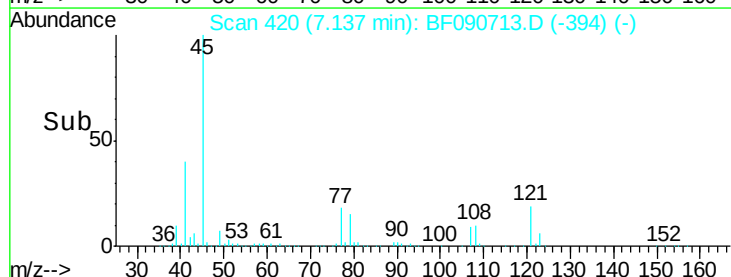
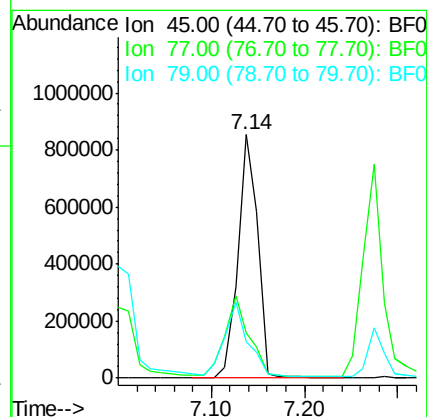
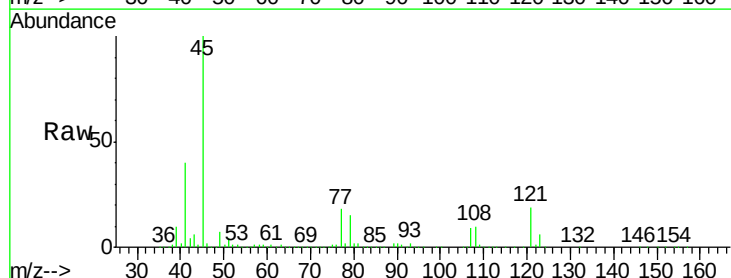
Tgt Ion: 45 Resp: 1261733

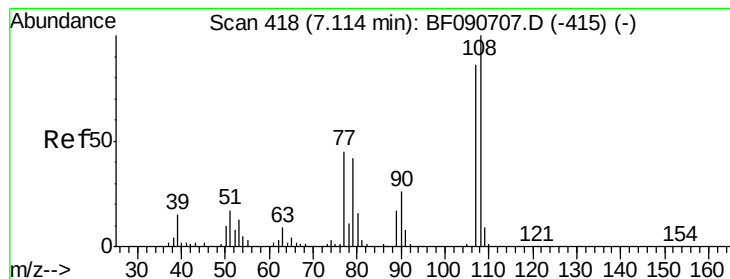
Ion Ratio Lower Upper

45 100

77 18.4 0.0 28.1

79 15.1 0.0 26.0

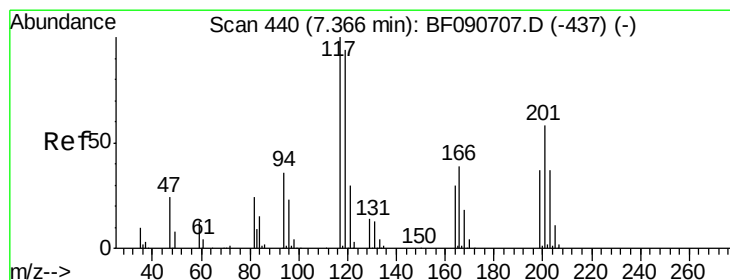
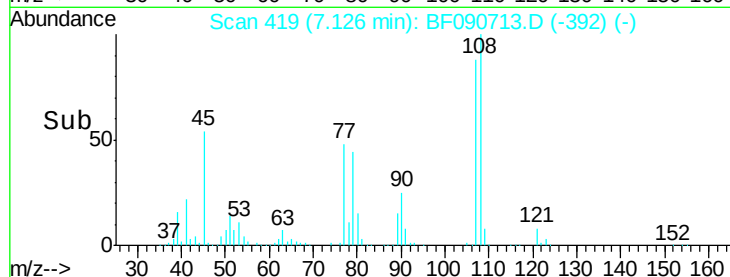
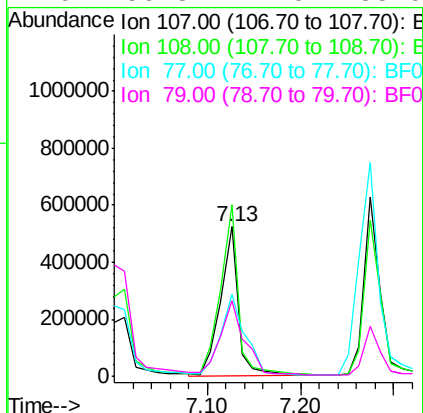
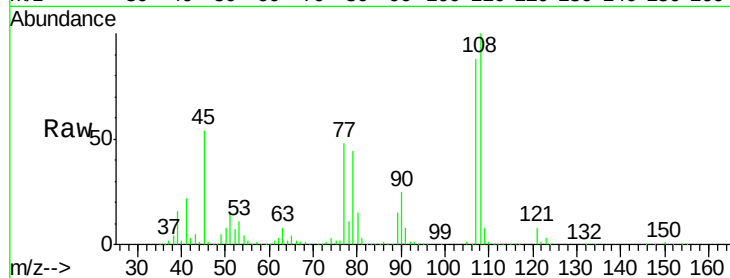




#17
2-Methylphenol
Concen: 50.97 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

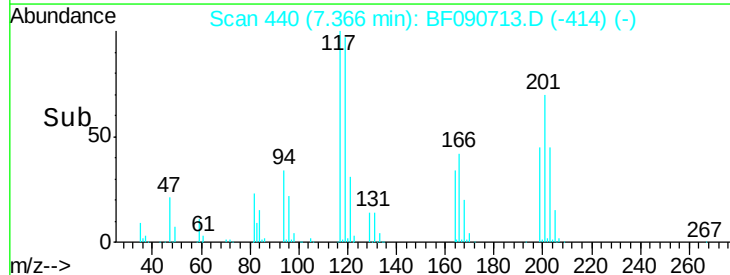
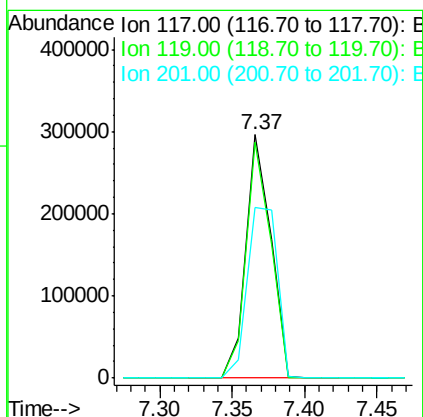
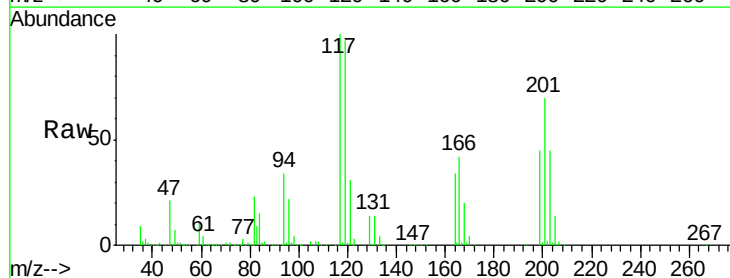
Instrument :
BNA_F
ClientSampleId :
PB94209BS

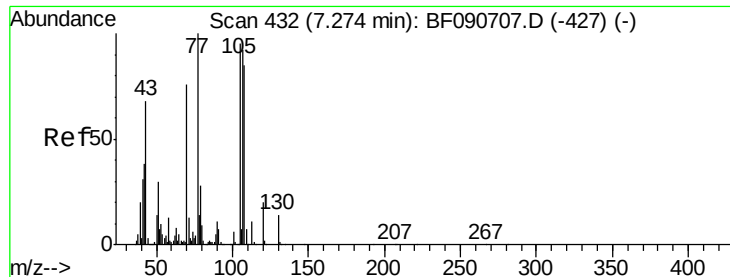
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	96.6	145.0
77	54.7	23.3	34.9
79	50.8	22.0	33.0



#18
Hexachloroethane
Concen: 45.26 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	83.8	125.6
201	70.2	55.1	82.7

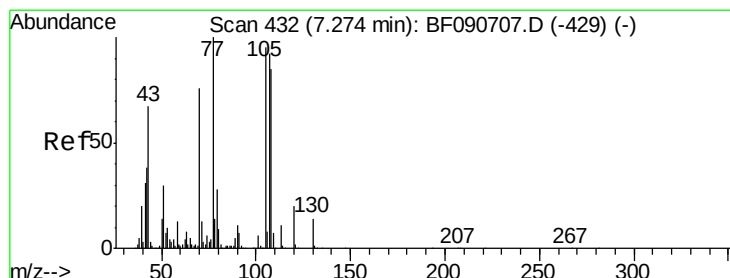
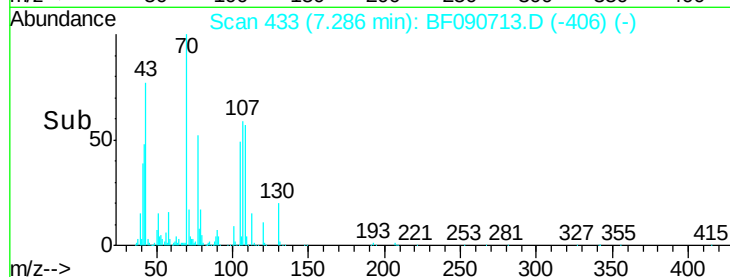
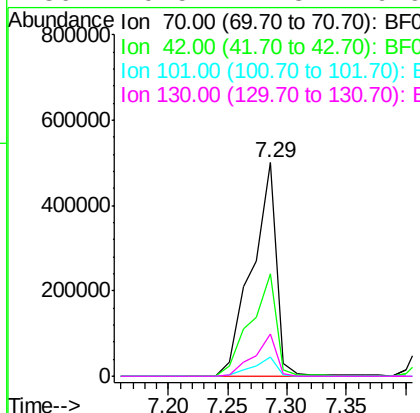
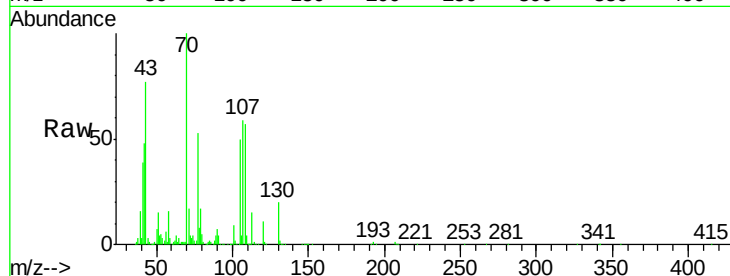




#19
n-Nitroso-di-n-propylamine
Concen: 47.66 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

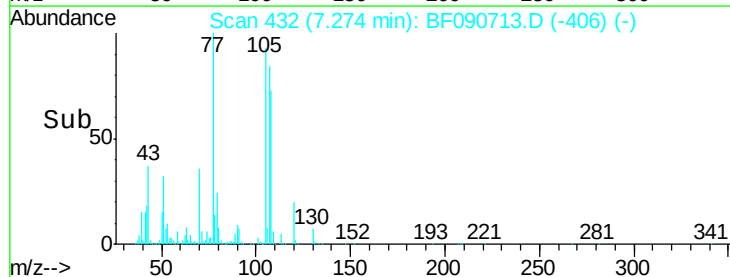
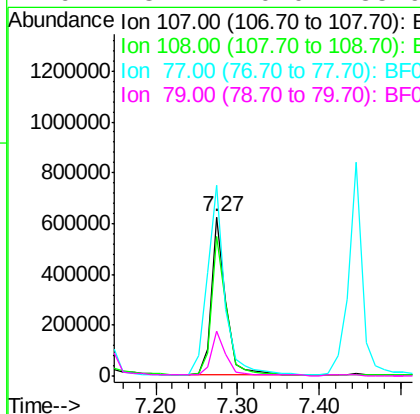
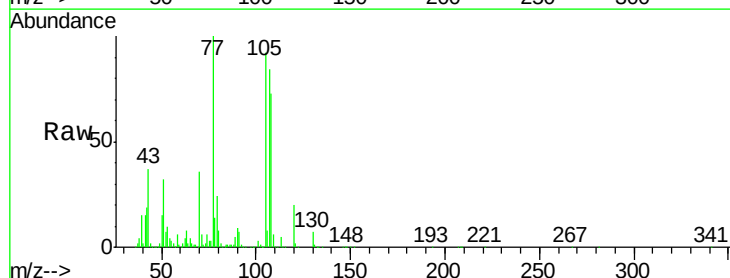
Instrument :
BNA_F
ClientSampleId :
PB94209BS

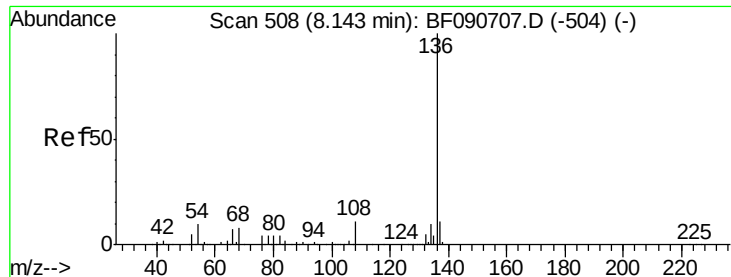
Tot Ion: 70 Resp: 725141
Ion Ratio Lower Upper
70 100
42 47.7 63.8 95.6#
101 9.1 9.2 13.8#
130 19.5 27.3 40.9#



#20
3+4-Methylphenols
Concen: 47.45 ng
RT: 7.27 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Tgt Ion: 107 Resp: 767399
Ion Ratio Lower Upper
107 100
108 87.5 74.6 114.6
77 119.5 0.7 40.7#
79 28.2 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: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:136 Resp: 1023737

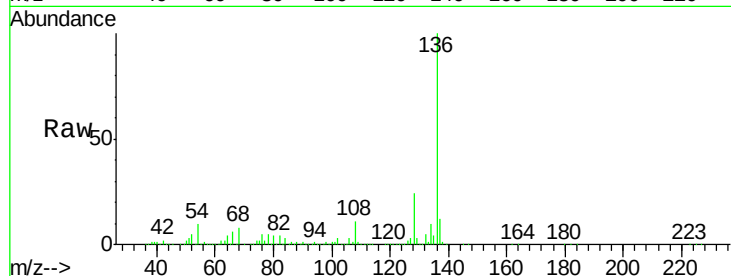
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 9.6 8.2 12.2

68 8.2 5.8 8.6

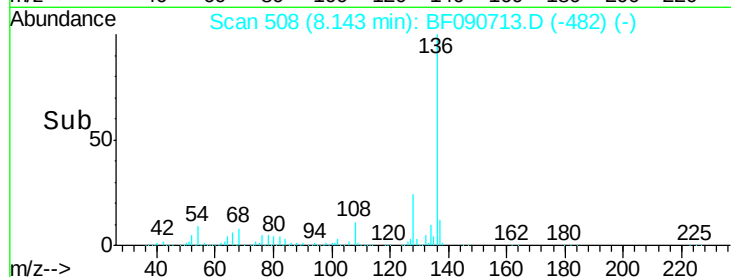


Abundance Ion 136.00 (135.70 to 136.70): E

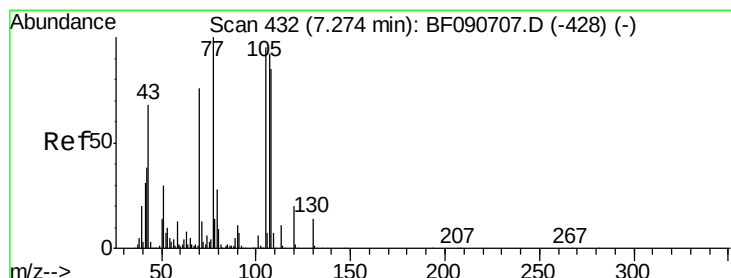
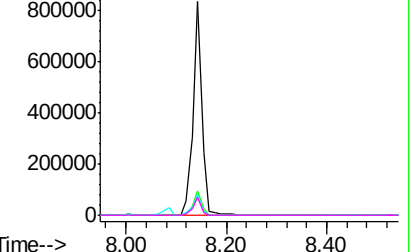
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 49.71 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Tgt Ion:105 Resp: 1134027

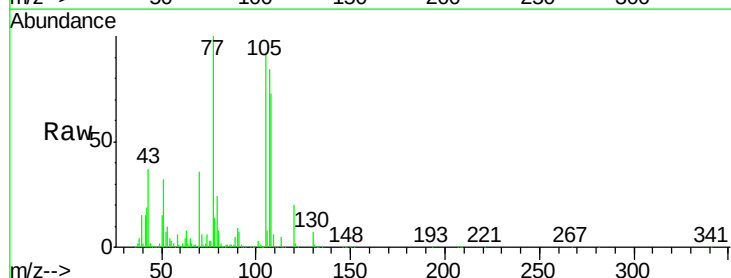
Ion Ratio Lower Upper

105 100

71 6.6 4.7 7.1

51 34.8 22.0 33.0#

120 21.9 30.1 45.1#

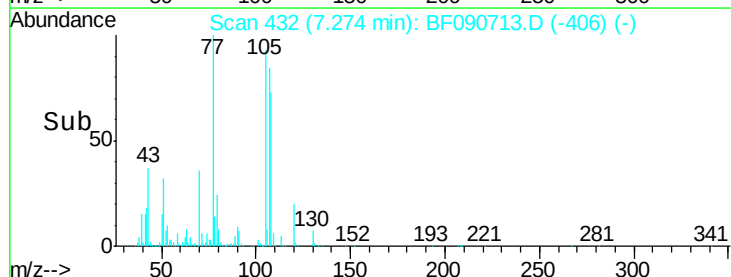


Abundance Ion 105.00 (104.70 to 105.70): E

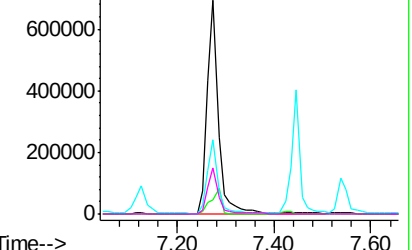
Ion 71.00 (70.70 to 71.70): BF0

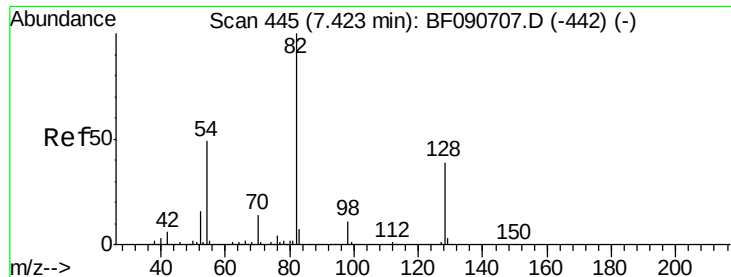
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 107.18 ng

RT: 7.42 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

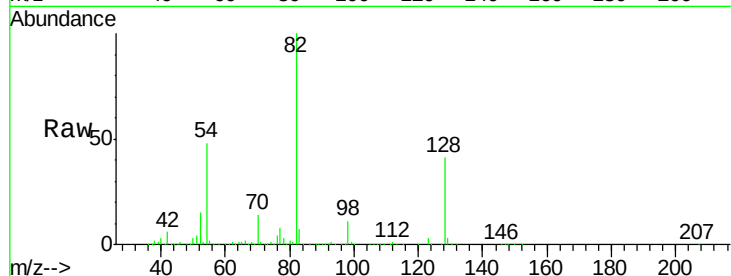
Tot Ion: 82 Resp: 2000553

Ion Ratio Lower Upper

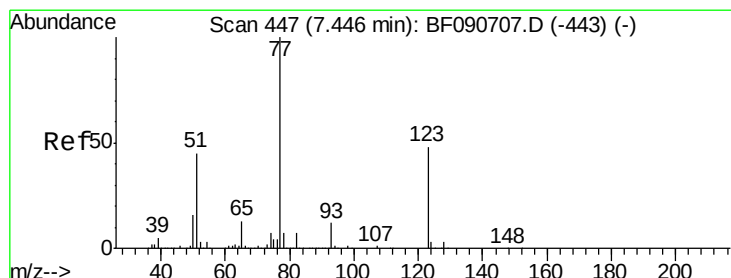
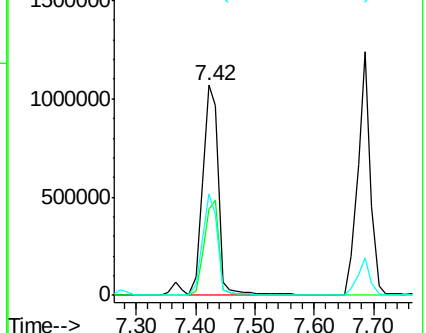
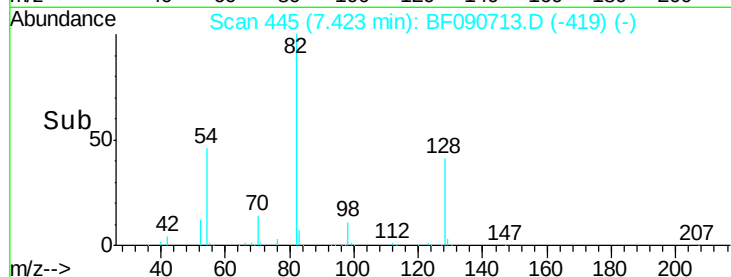
82 100

128 41.0 51.0 76.6#

54 48.5 47.5 71.3



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



#24

Nitrobenzene

Concen: 47.93 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

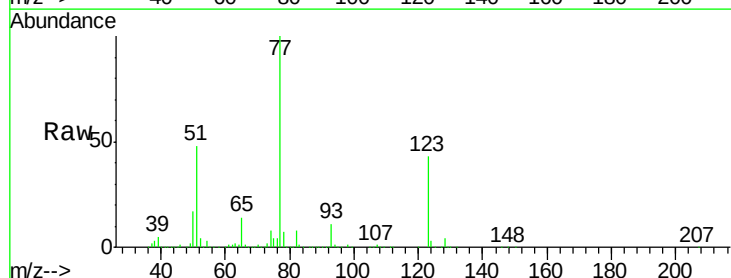
Tgt Ion: 77 Resp: 969846

Ion Ratio Lower Upper

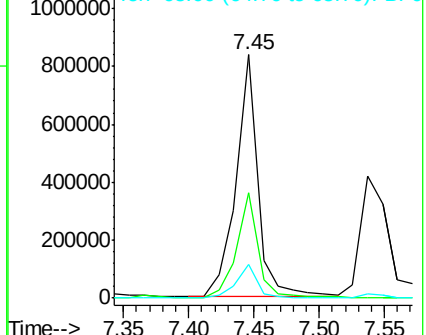
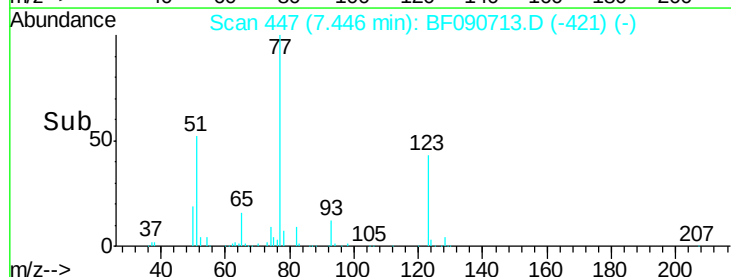
77 100

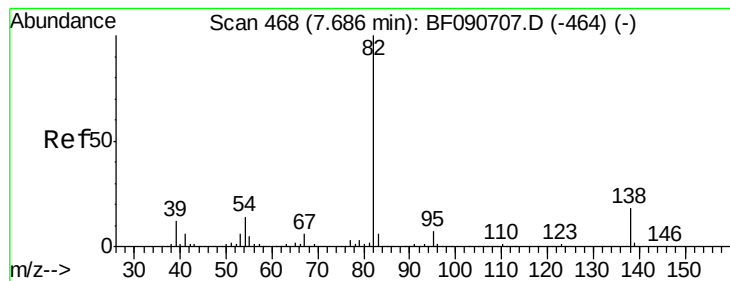
123 43.2 59.8 89.8#

65 13.8 10.2 15.4



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





#25

Isophorone

Concen: 50.41 ng

RT: 7.69 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

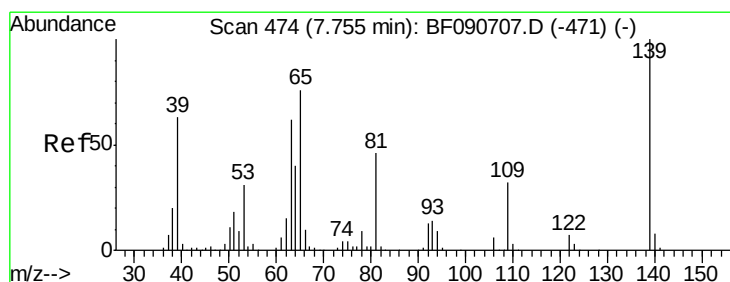
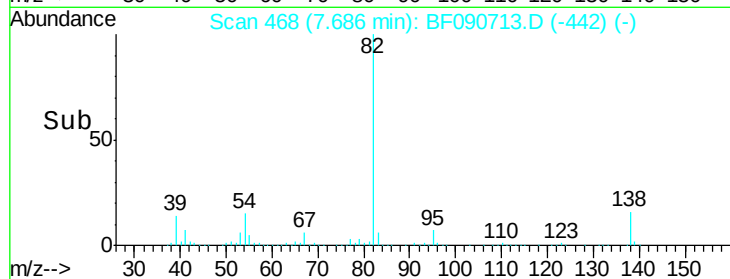
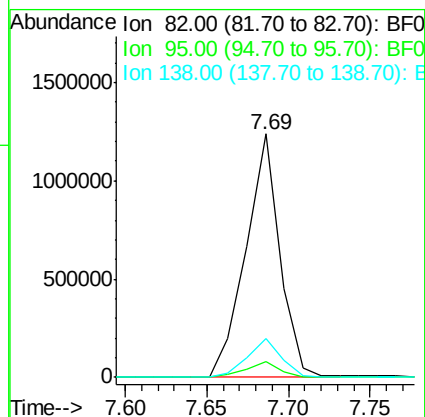
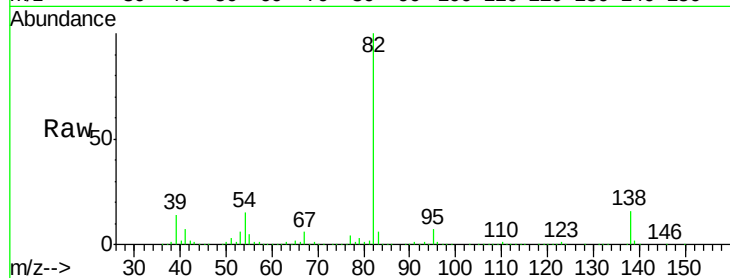
Tot Ion: 82 Resp: 1781100

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

138 16.0 18.3 27.5#



#26

2-Nitrophenol

Concen: 54.43 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

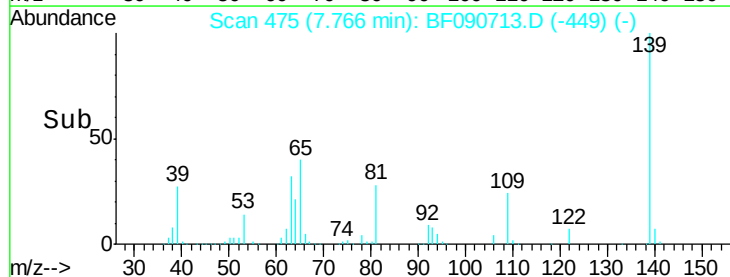
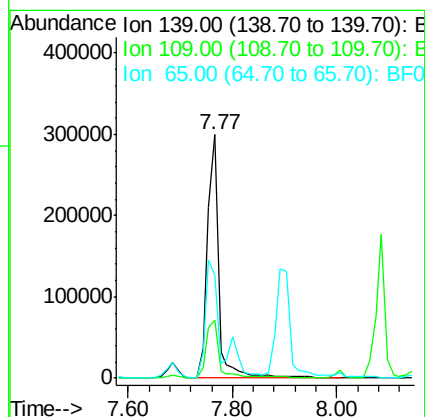
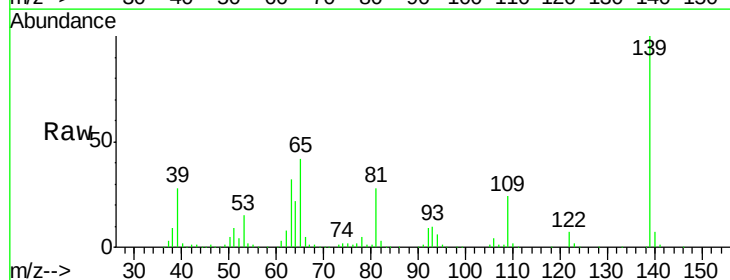
Tgt Ion:139 Resp: 449938

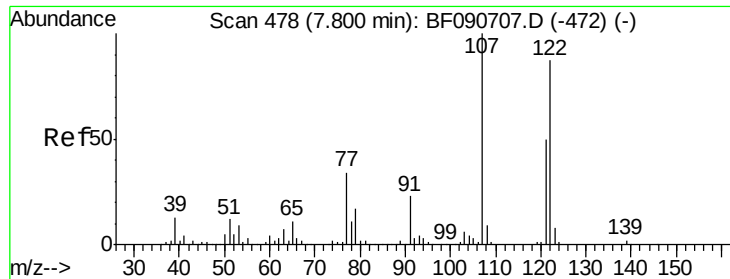
Ion Ratio Lower Upper

139 100

109 24.0 11.0 16.4#

65 42.0 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 39.82 ng

RT: 7.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

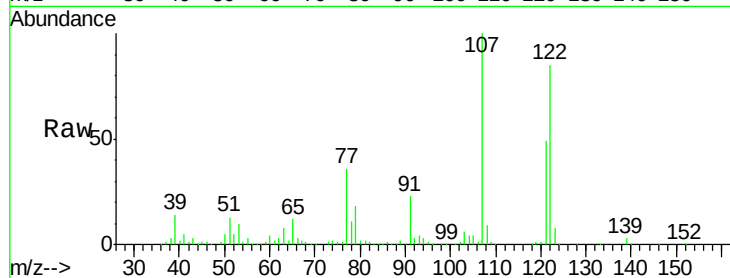
Tot Ion:122 Resp: 583726

Ion Ratio Lower Upper

122 100

107 118.1 71.8 107.6#

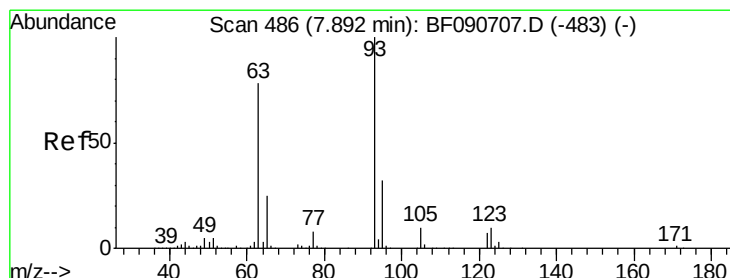
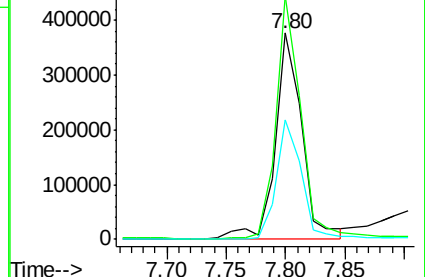
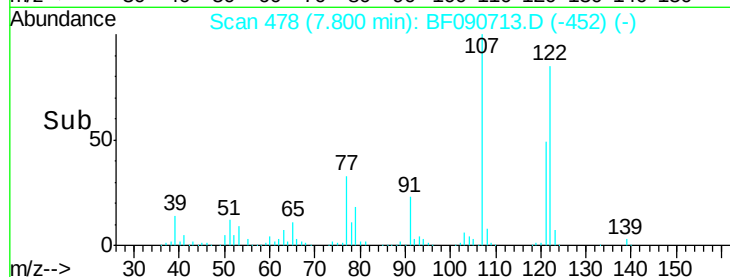
121 57.9 42.3 63.5



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: 56.12 ng

RT: 7.90 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

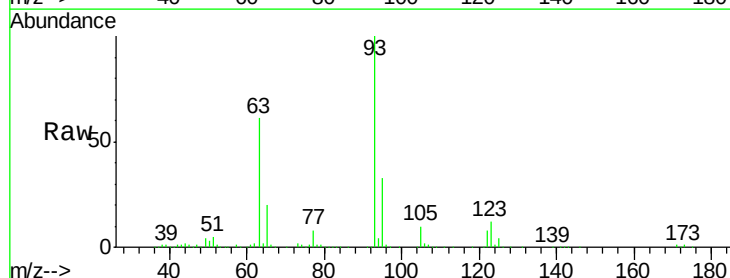
Tgt Ion: 93 Resp: 1084730

Ion Ratio Lower Upper

93 100

95 33.0 27.5 41.3

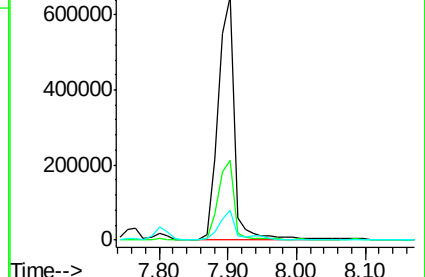
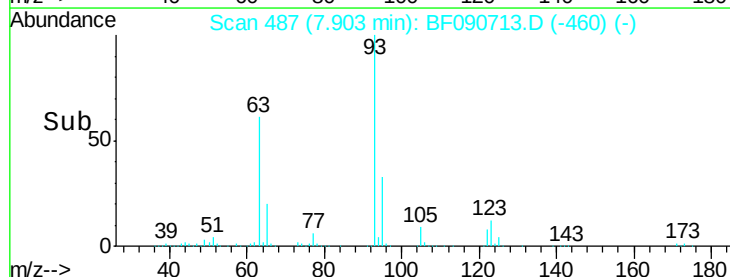
123 12.3 13.7 20.5#

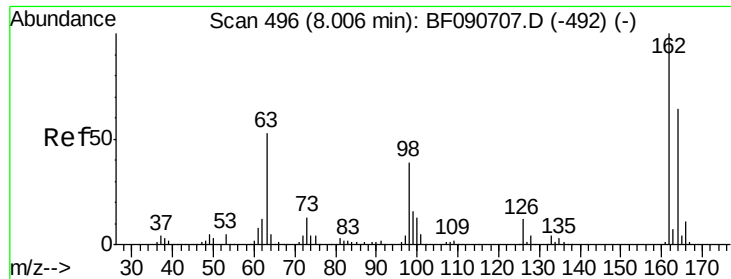


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

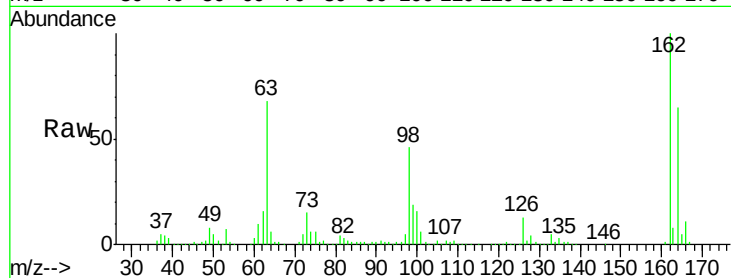




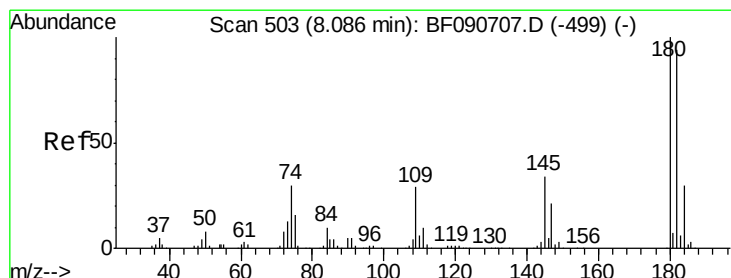
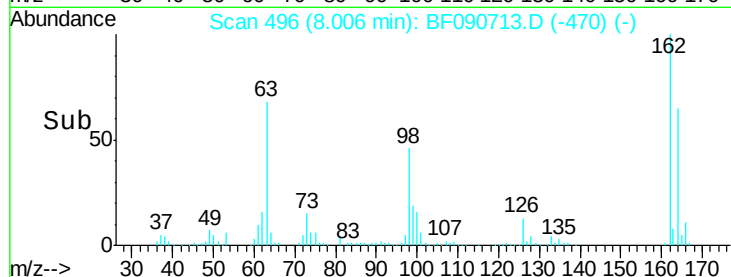
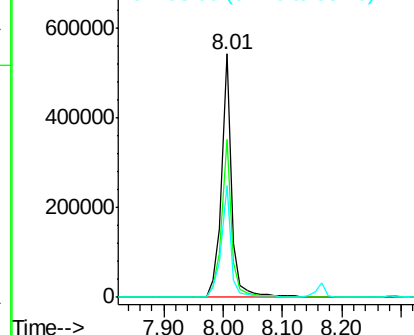
#29
 2,4-Dichlorophenol
 Concen: 53.46 ng
 RT: 8.01 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.9	84.9
98	46.1	13.0	53.0

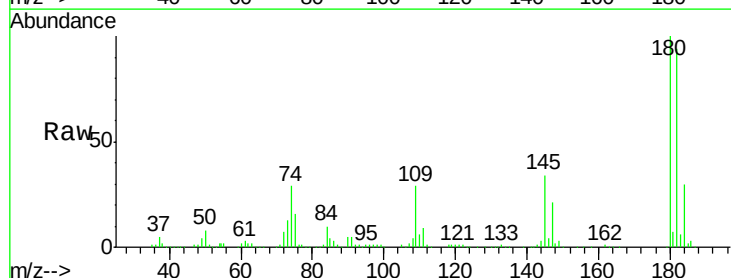


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

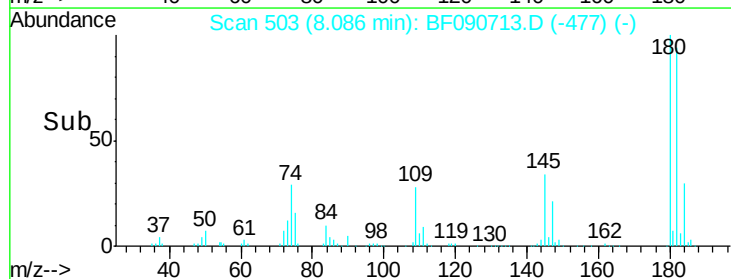
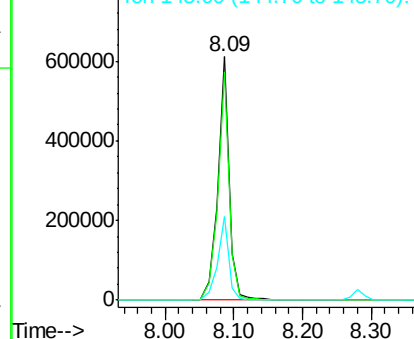


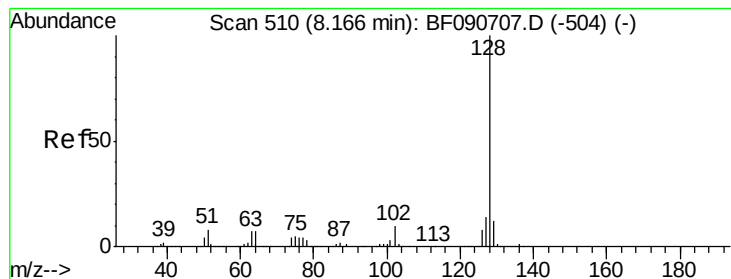
#30
 1,2,4-Trichlorobenzene
 Concen: 50.38 ng
 RT: 8.09 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.1	115.7
145	34.2	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: 47.46 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

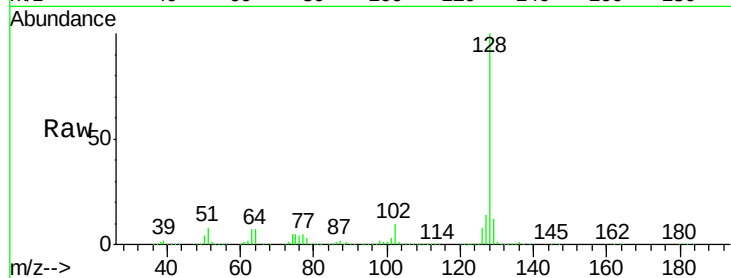
Tot Ion:128 Resp: 2376489

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

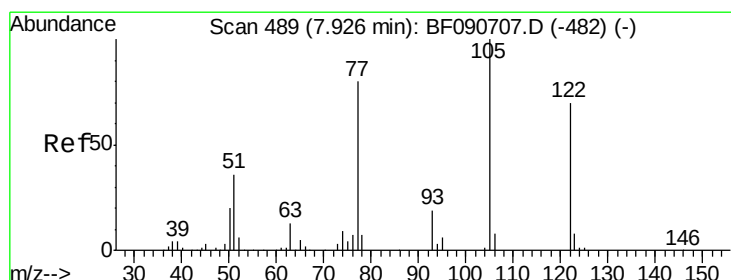
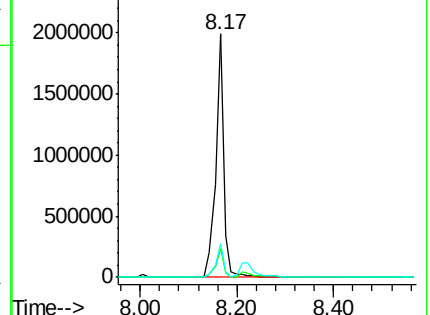
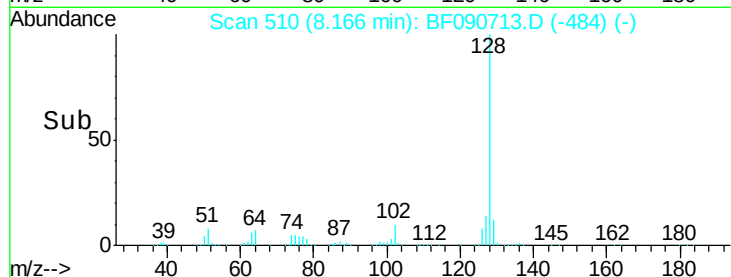
127 14.0 9.9 14.9



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: 38.11 ng

RT: 7.95 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

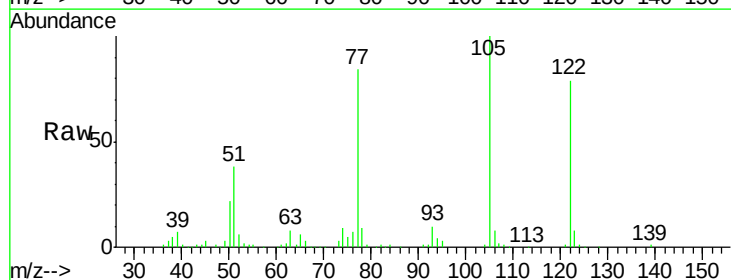
Tgt Ion:122 Resp: 374752

Ion Ratio Lower Upper

122 100

105 127.1 76.1 116.1#

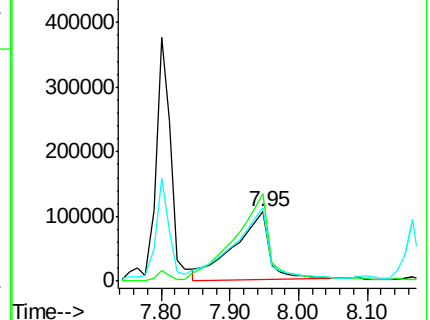
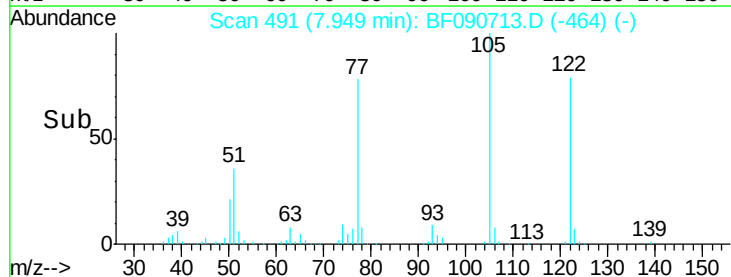
77 106.7 40.5 80.5#

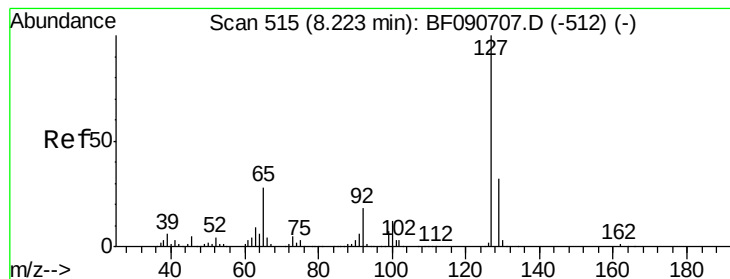


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 15.05 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:127 Resp: 279440

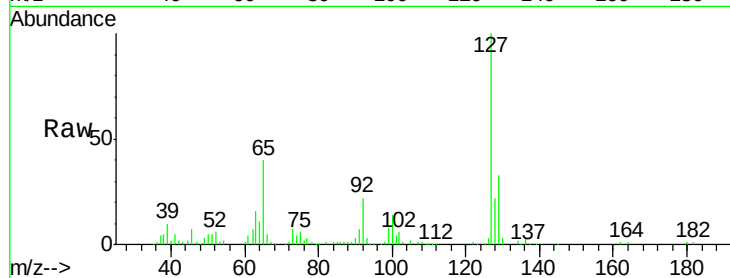
Ion Ratio Lower Upper

127 100

129 33.0 25.8 38.6

65 40.0 17.9 26.9#

92 21.6 10.5 15.7#

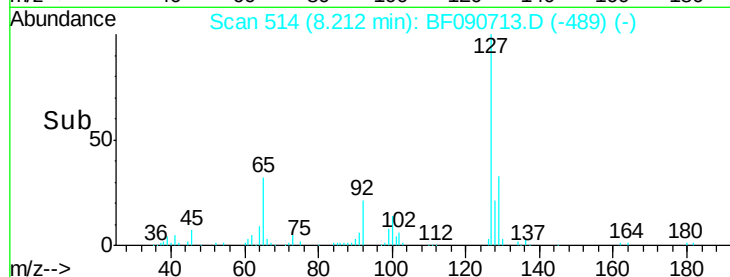


Abundance Ion 127.00 (126.70 to 127.70): E

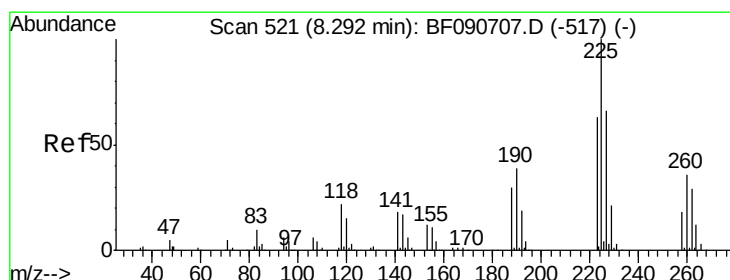
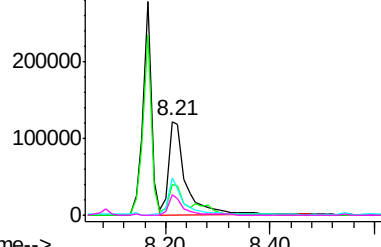
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 49.03 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

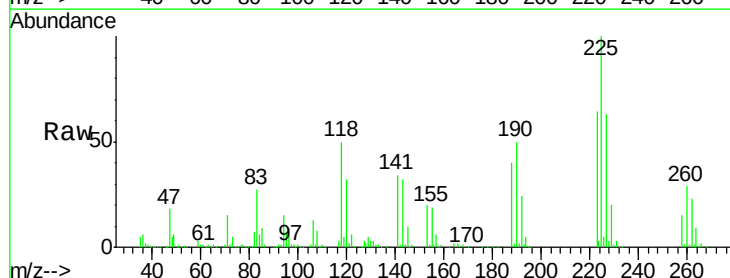
Tgt Ion:225 Resp: 390269

Ion Ratio Lower Upper

225 100

223 63.7 50.2 75.2

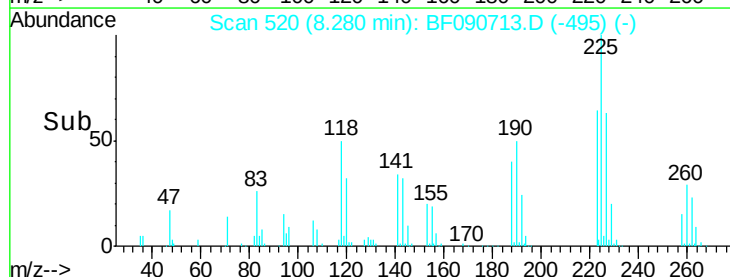
227 63.0 52.2 78.2



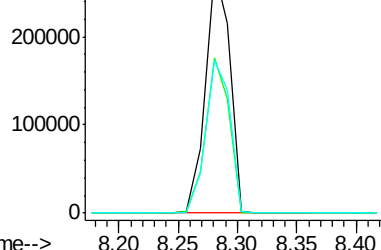
Abundance Ion 225.00 (224.70 to 225.70): E

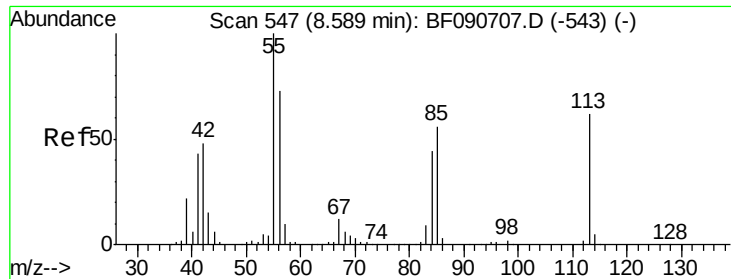
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

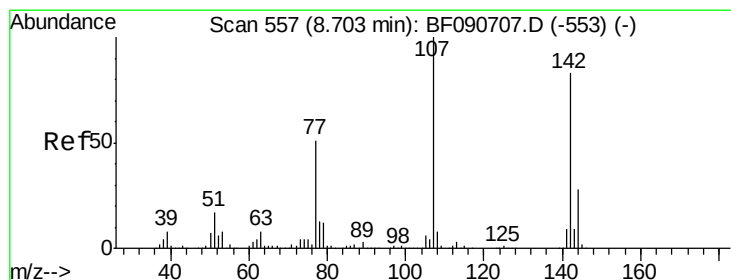
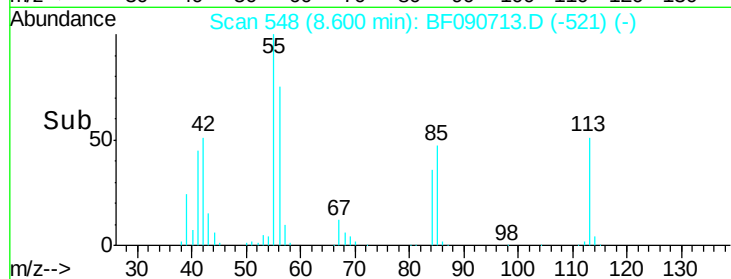
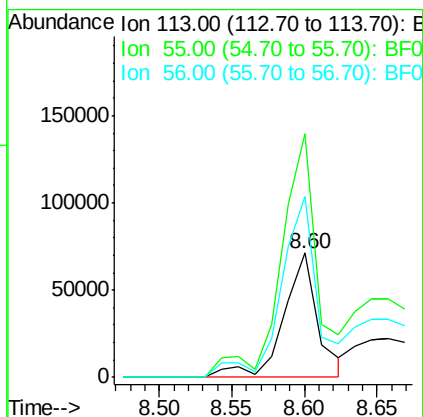
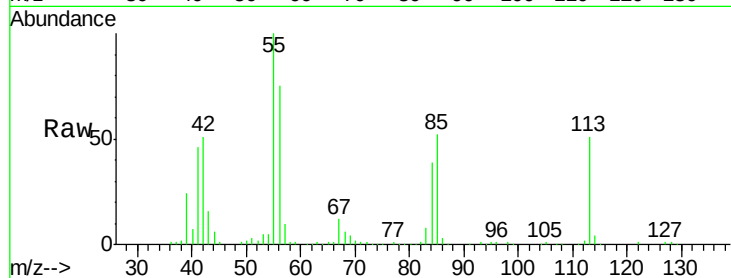




#35
 Caprolactam
 Concen: 33.92 ng
 RT: 8.60 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

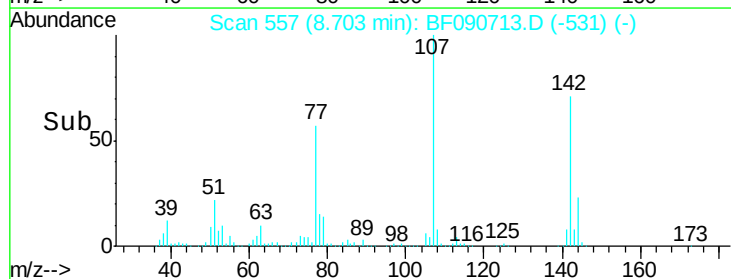
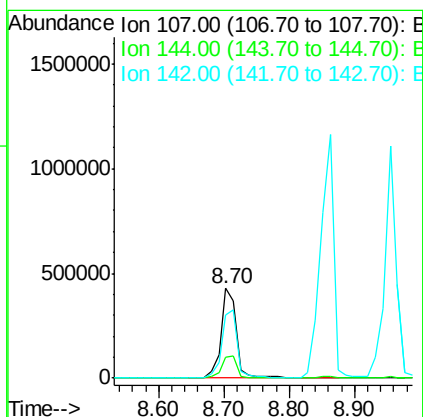
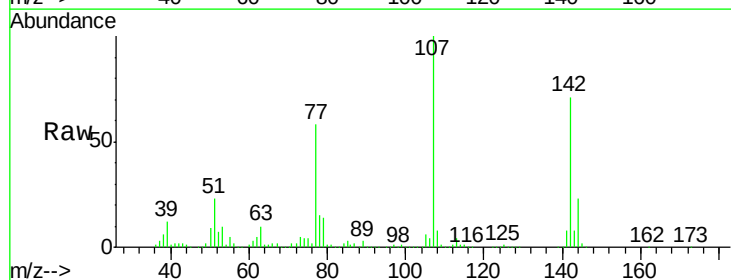
Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

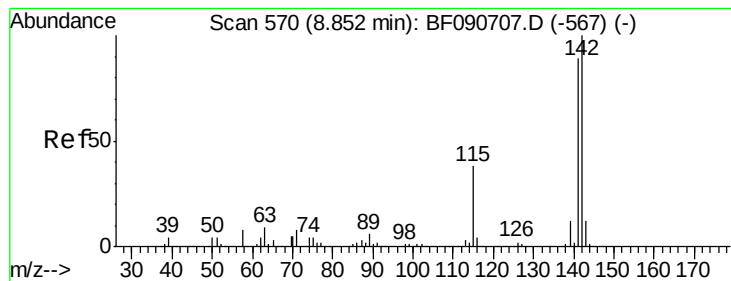
Tot Ion:113 Resp: 116546
 Ion Ratio Lower Upper
 113 100
 55 195.9 152.4 192.4#
 56 146.0 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 51.05 ng
 RT: 8.70 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Tgt Ion:107 Resp: 714335
 Ion Ratio Lower Upper
 107 100
 144 23.2 25.4 38.0#
 142 70.9 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 54.47 ng

RT: 8.86 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

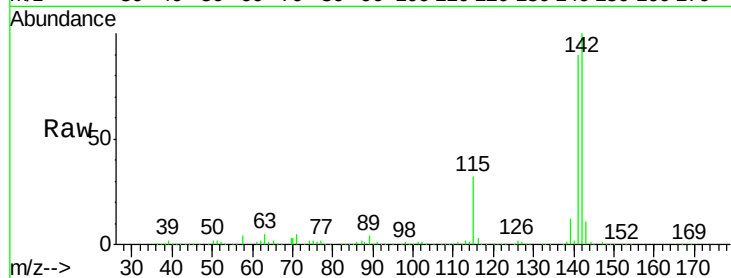
Tot Ion:142 Resp: 1594199

Ion Ratio Lower Upper

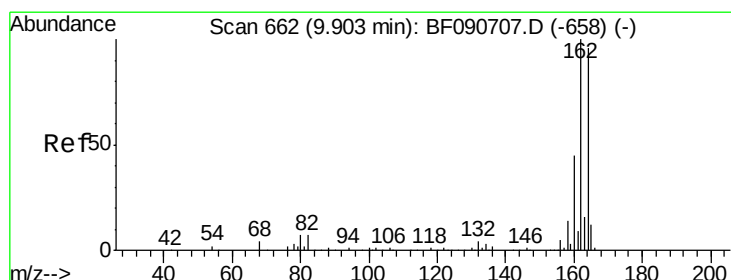
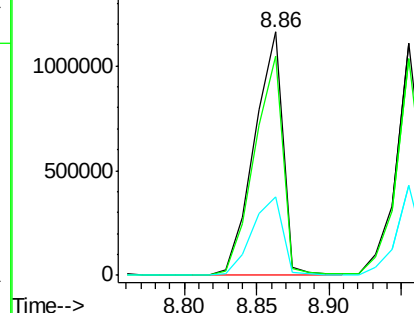
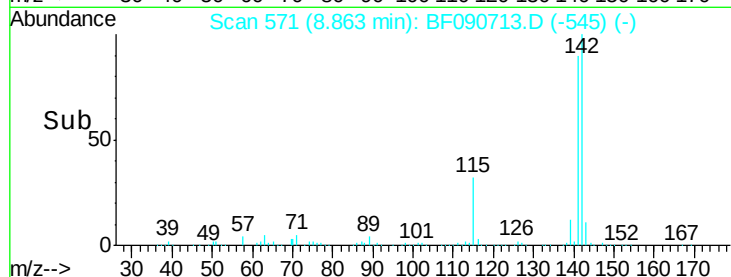
142 100

141 90.1 67.5 101.3

115 32.5 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: BF090713.D

Acq: 21 Oct 2016 15:03

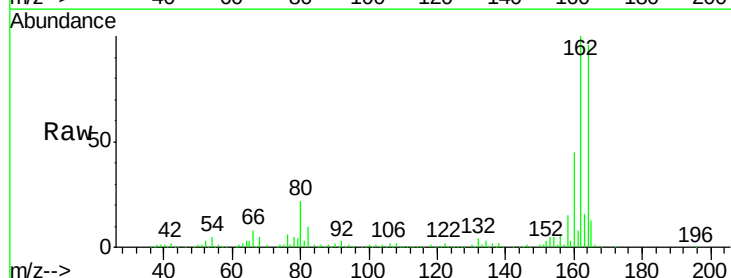
Tgt Ion:164 Resp: 527761

Ion Ratio Lower Upper

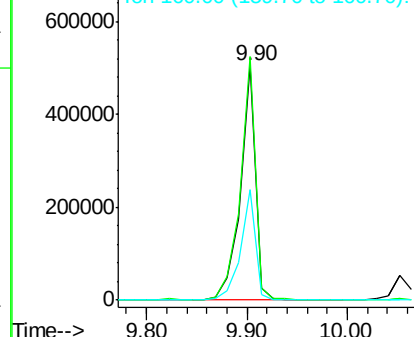
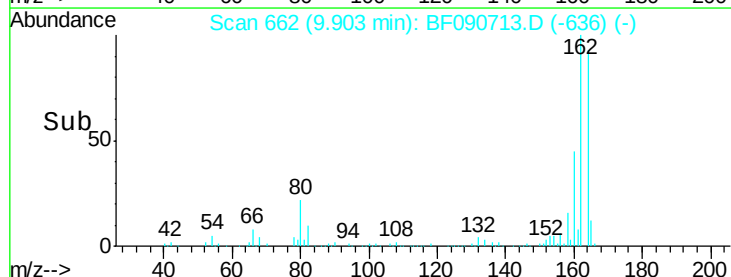
164 100

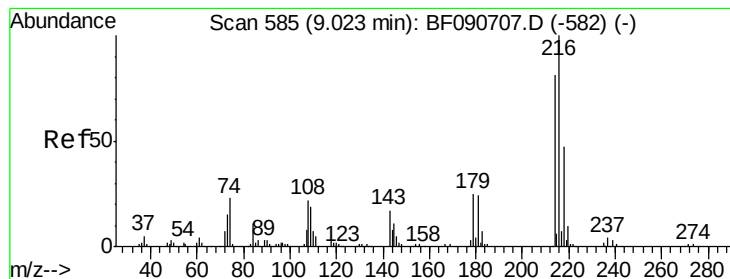
162 103.9 75.2 112.8

160 47.1 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: 46.33 ng

RT: 9.02 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

Tot Ion:216 Resp: 660306

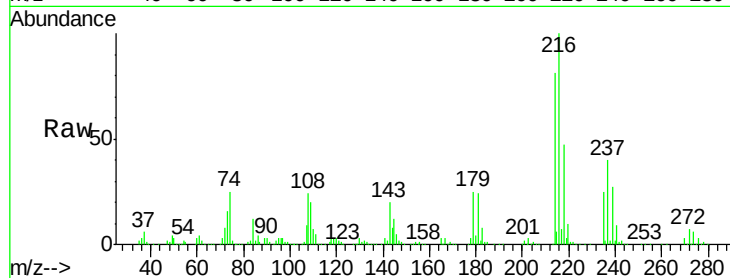
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 22.9 16.6 24.8

108 23.4 16.3 24.5

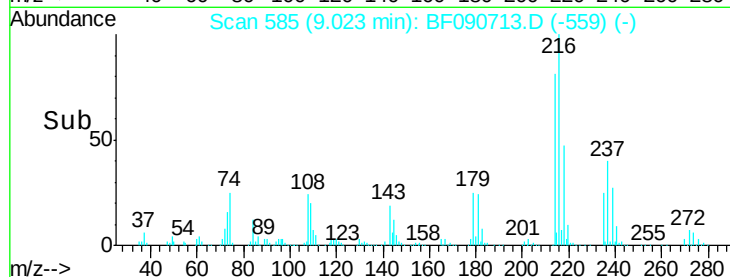


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

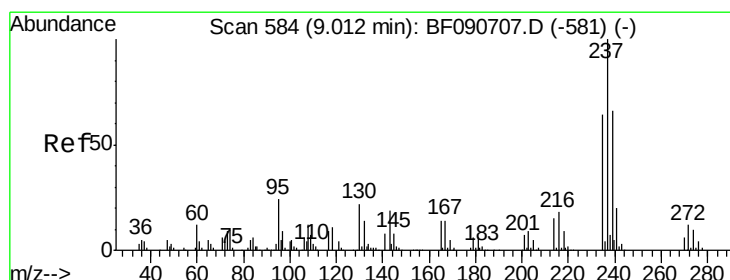
Ion 108.00 (107.70 to 108.70): E



Abundance

9.02

Time-->



#40

Hexachlorocyclopentadiene

Concen: 116.18 ng

RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

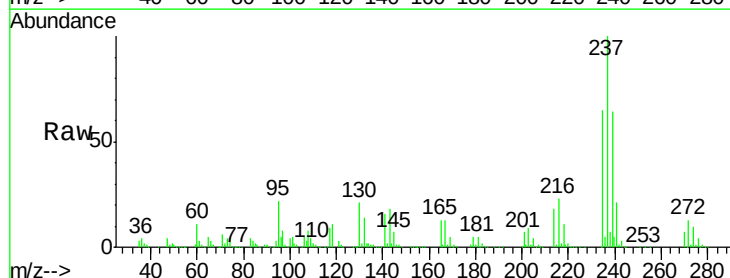
Tgt Ion:237 Resp: 777235

Ion Ratio Lower Upper

237 100

235 64.5 42.0 82.0

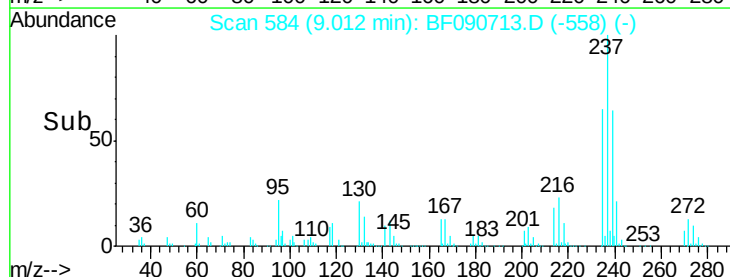
272 12.9 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

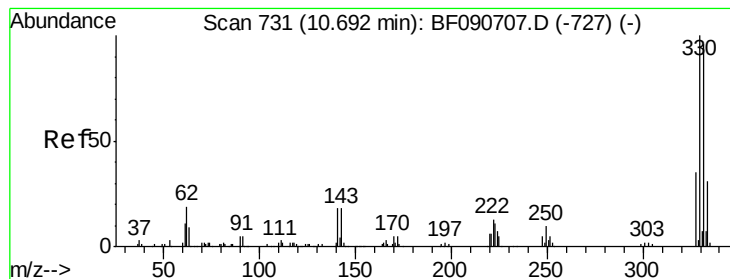
Ion 271.75 (271.45 to 272.45): E



Abundance

9.01

Time-->



#41

2,4,6-Tribromophenol

Concen: 161.36 ng

RT: 10.69 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

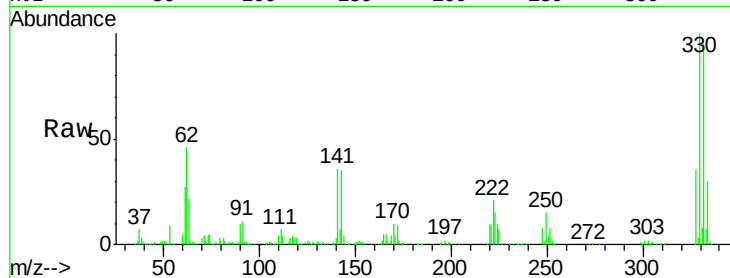
Tot Ion:330 Resp: 674047

Ion Ratio Lower Upper

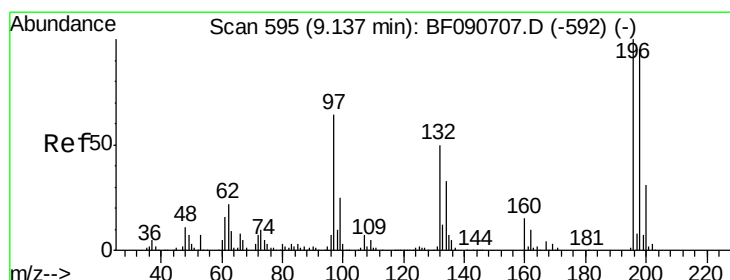
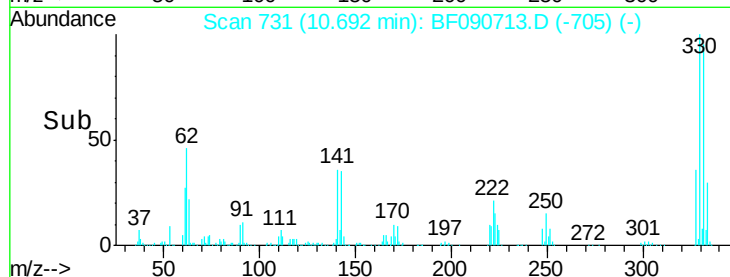
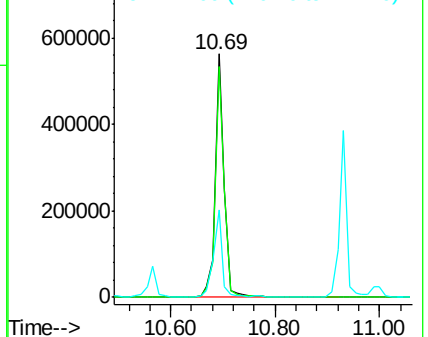
330 100

332 95.8 76.6 114.8

141 34.4 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: 51.22 ng

RT: 9.14 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

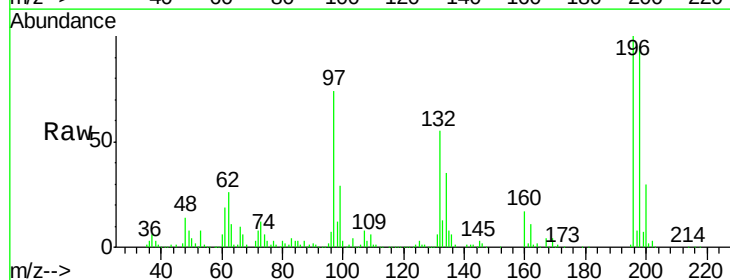
Tgt Ion:196 Resp: 452701

Ion Ratio Lower Upper

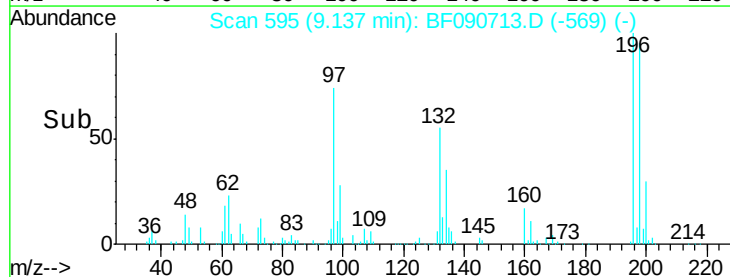
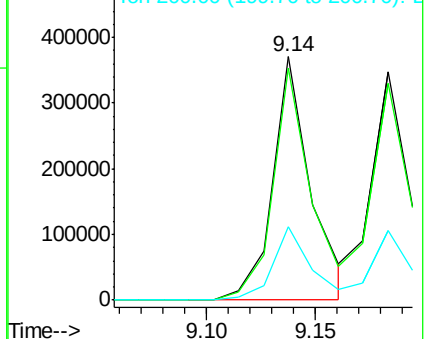
196 100

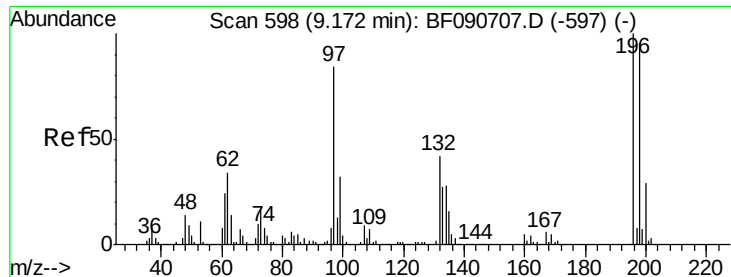
198 95.2 75.7 113.5

200 30.3 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

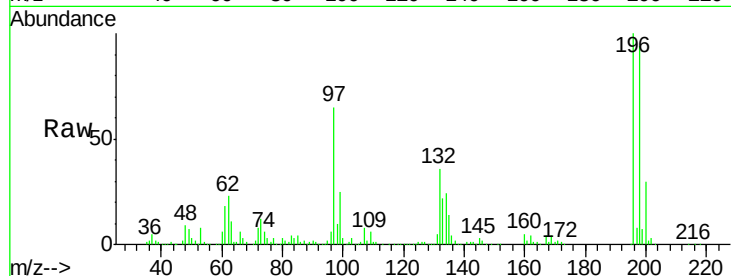




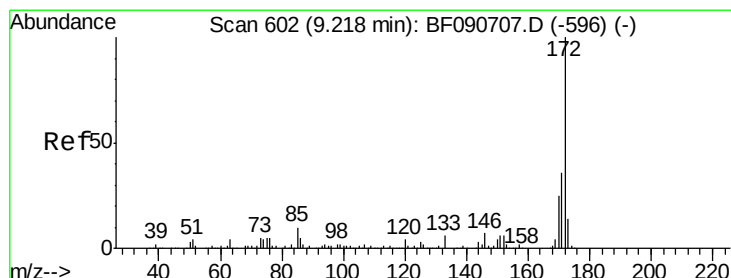
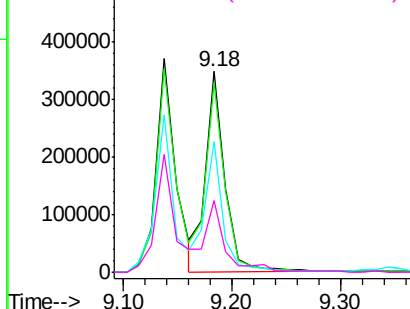
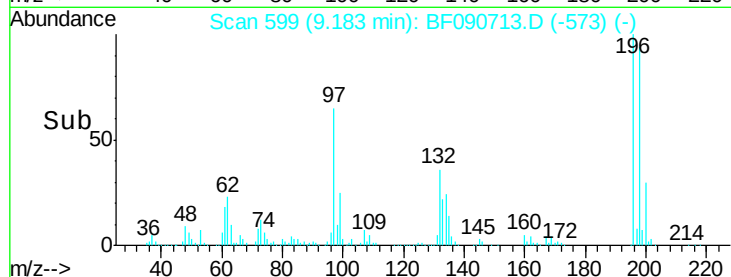
#43
 2,4,5-Trichlorophenol
 Concen: 47.65 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tot Ion:196 Resp: 427393
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.4 113.0
 97 64.8 33.3 49.9#
 132 35.6 24.6 37.0

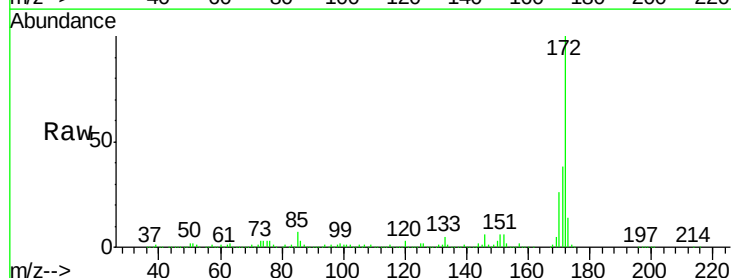


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

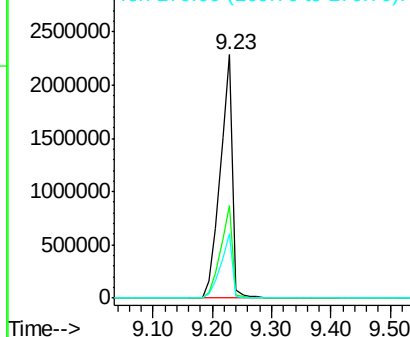
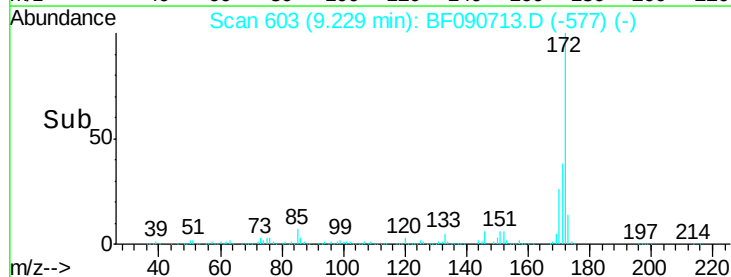


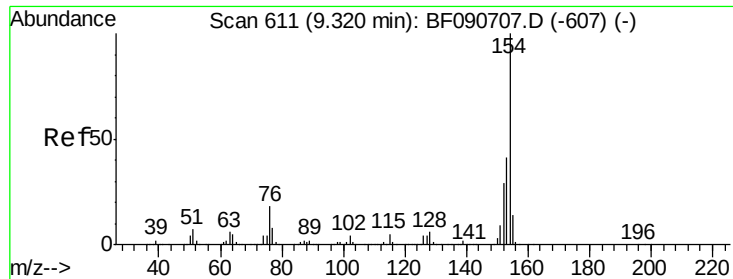
#44
 2-Fluorobiphenyl
 Concen: 96.64 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Tgt Ion:172 Resp: 3285493
 Ion Ratio Lower Upper
 172 100
 171 37.8 26.1 39.1
 170 26.2 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: 42.42 ng

RT: 9.32 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

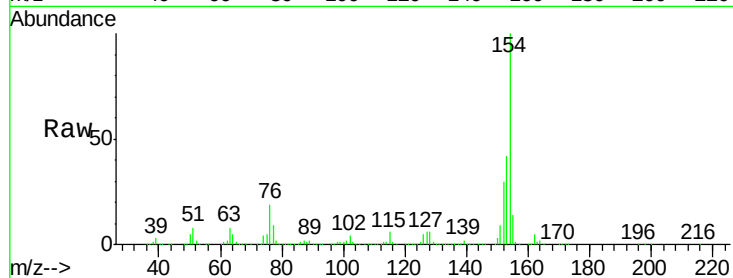
Tot Ion:154 Resp: 1757956

Ion Ratio Lower Upper

154 100

153 41.8 17.1 57.1

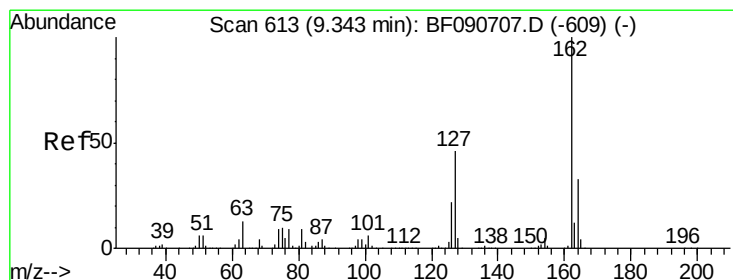
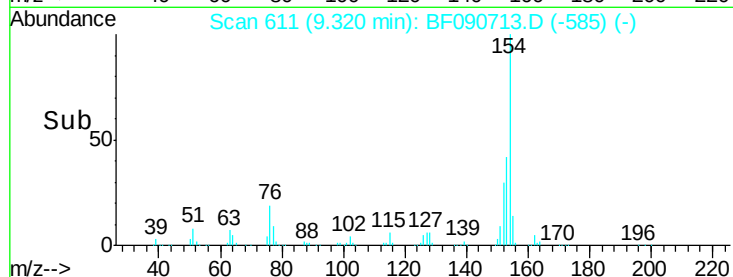
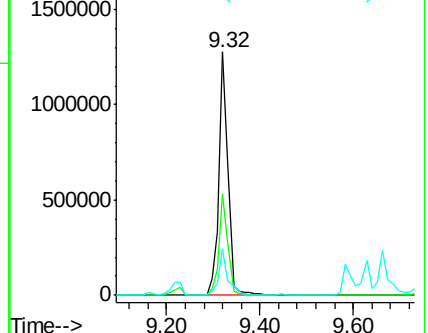
76 19.1 0.0 31.6



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: 47.06 ng

RT: 9.34 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

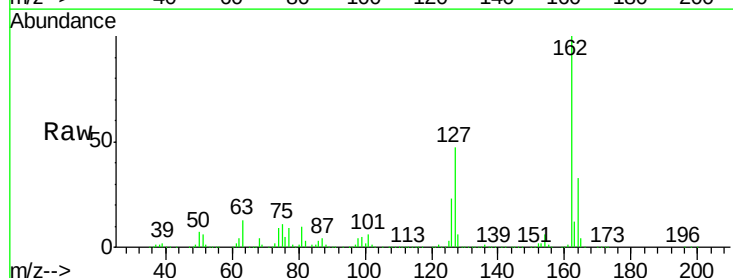
Tgt Ion:162 Resp: 1449658

Ion Ratio Lower Upper

162 100

127 46.9 27.6 41.4#

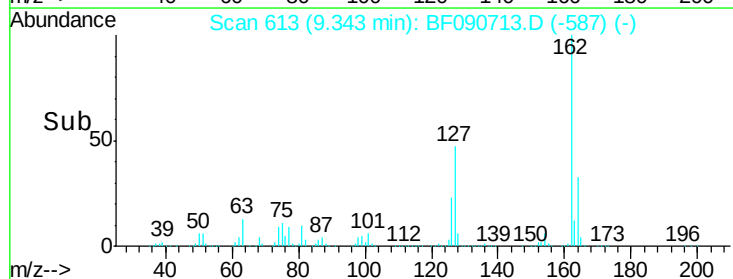
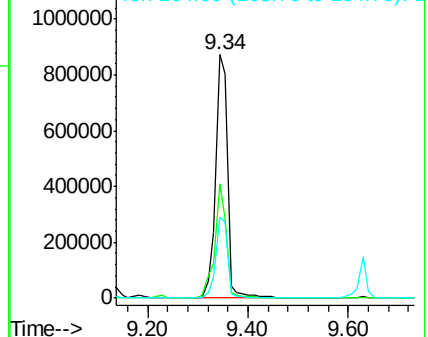
164 33.4 25.4 38.2

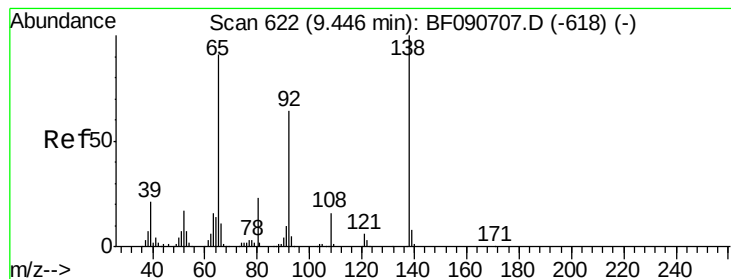


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.93 ng

RT: 9.45 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

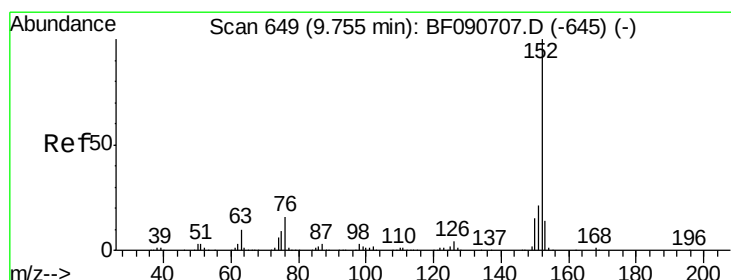
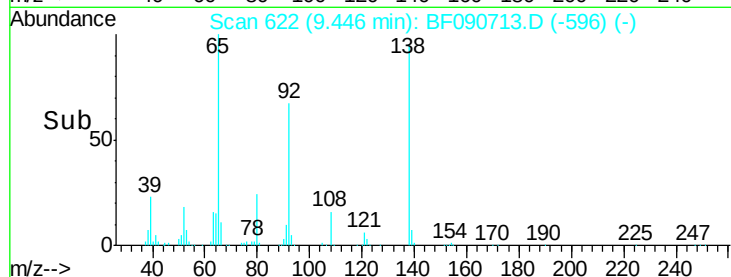
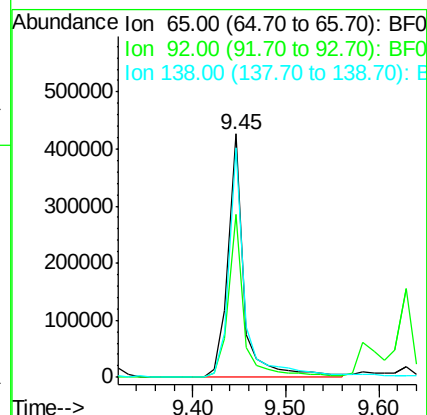
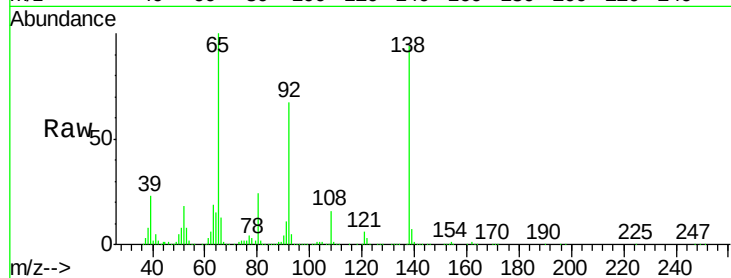
Tot Ion: 65 Resp: 510585

Ion Ratio Lower Upper

65 100

92 67.0 55.4 83.0

138 94.2 115.5 173.3#



#48

Acenaphthylene

Concen: 48.32 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

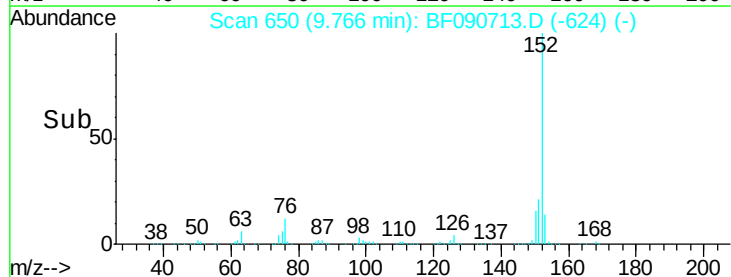
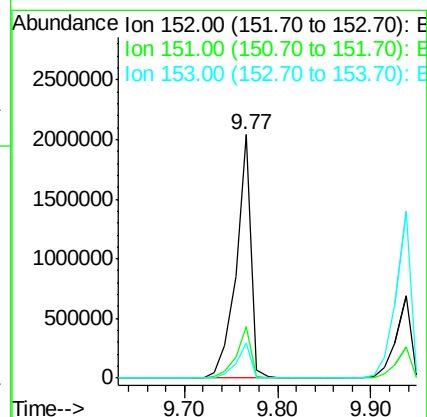
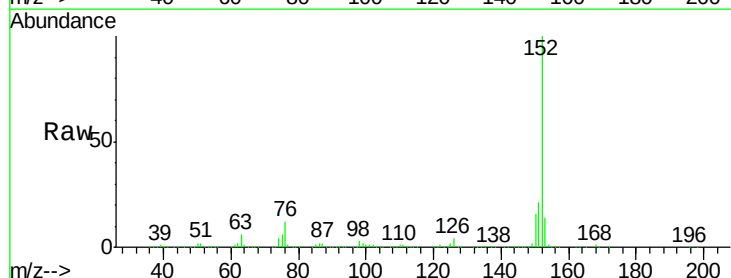
Tgt Ion: 152 Resp: 2271299

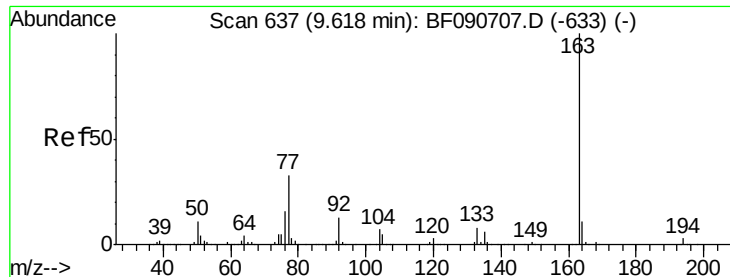
Ion Ratio Lower Upper

152 100

151 21.3 14.6 22.0

153 14.1 10.3 15.5





#49

Dimethylphthalate

Concen: 46.04 ng

RT: 9.63 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

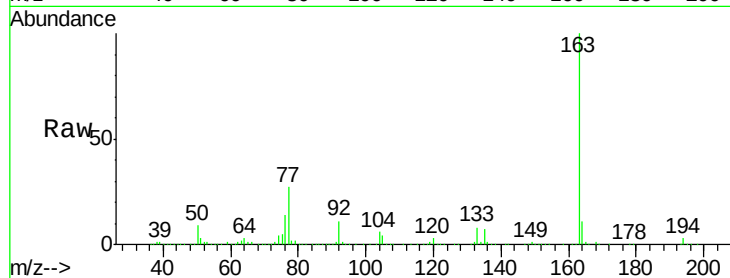
Tot Ion:163 Resp: 1526796

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

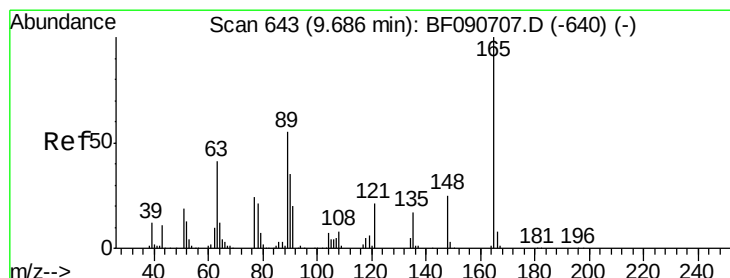
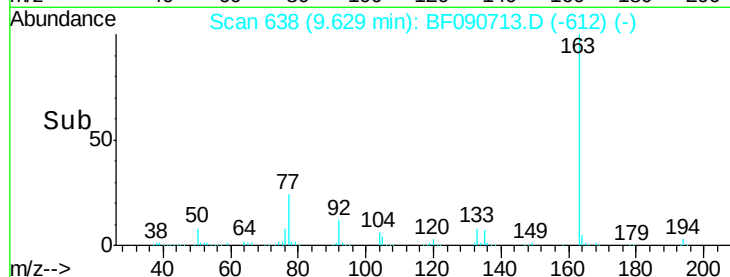
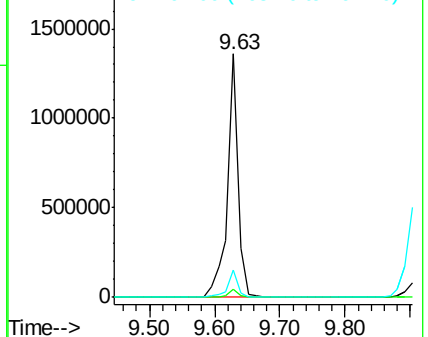
164 11.0 8.3 12.5



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: 46.70 ng

RT: 9.69 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

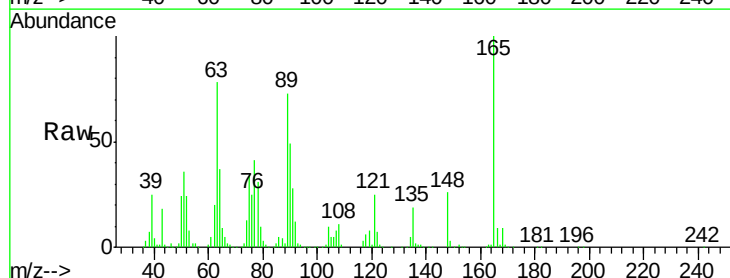
Tgt Ion:165 Resp: 333080

Ion Ratio Lower Upper

165 100

63 77.8 32.3 48.5#

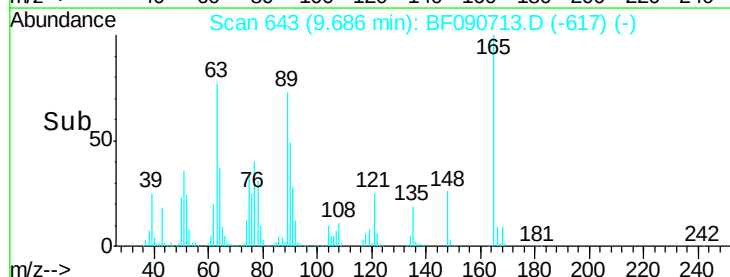
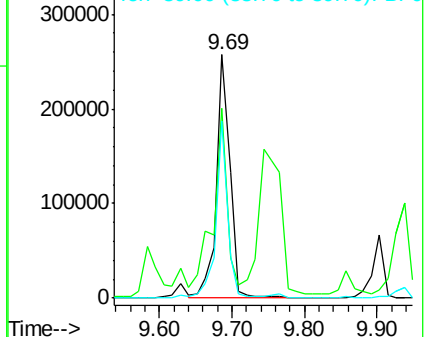
89 72.6 28.6 43.0#

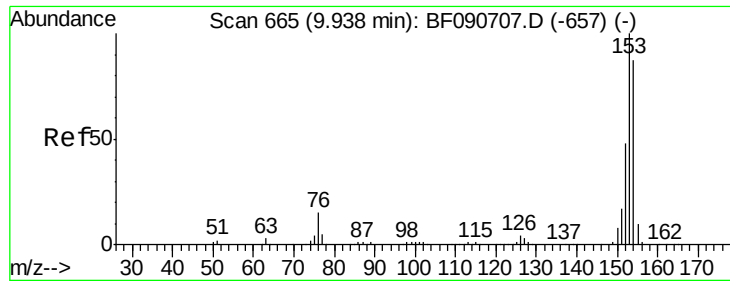


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.26 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

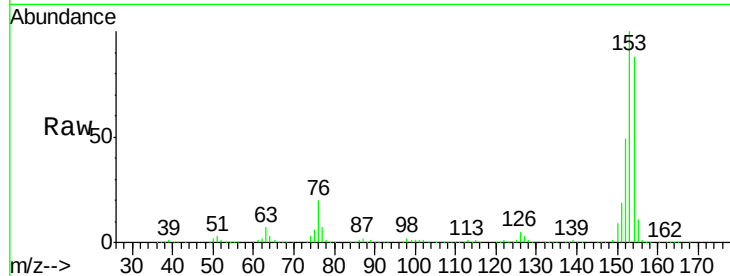
Tot Ion:154 Resp: 1599524

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

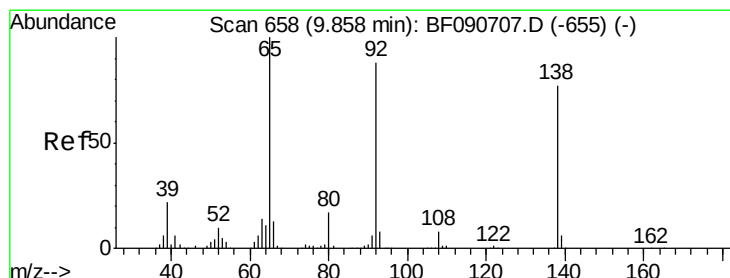
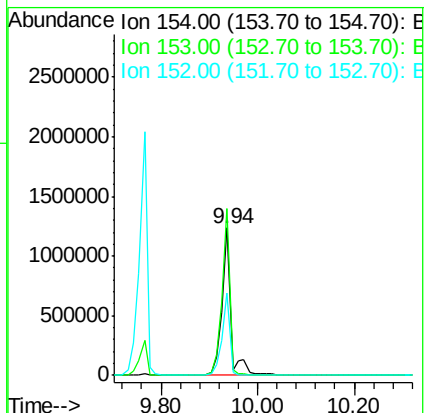
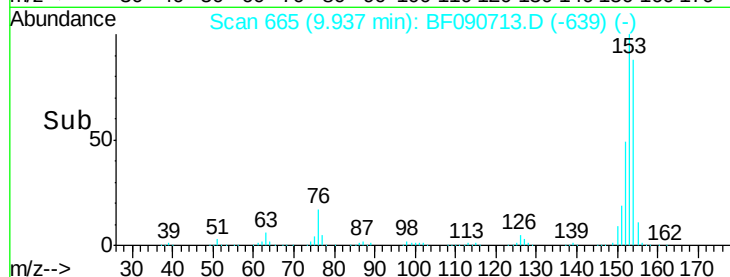
152 55.8 37.9 56.9



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: 22.24 ng

RT: 9.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

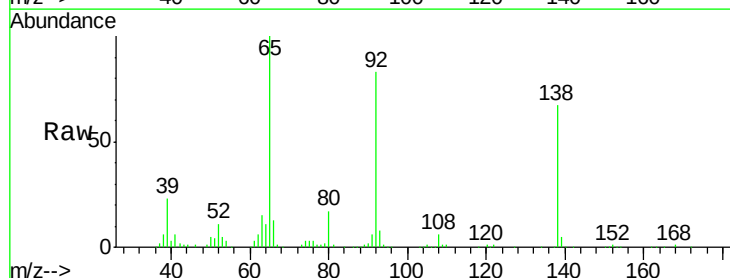
Tgt Ion:138 Resp: 182345

Ion Ratio Lower Upper

138 100

108 9.7 5.7 8.5#

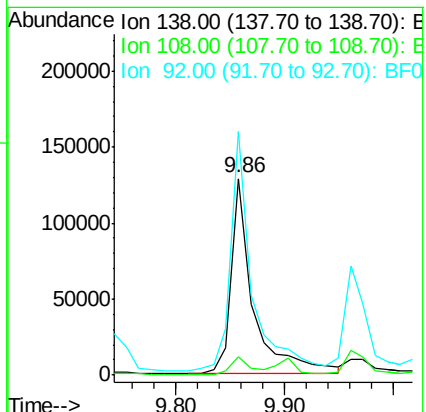
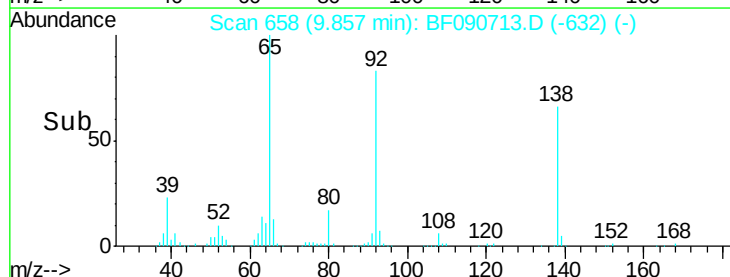
92 124.0 67.7 101.5#

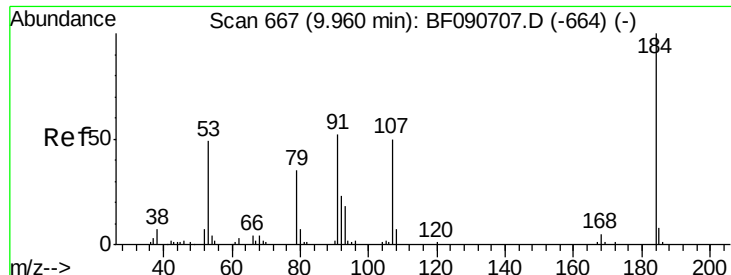


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

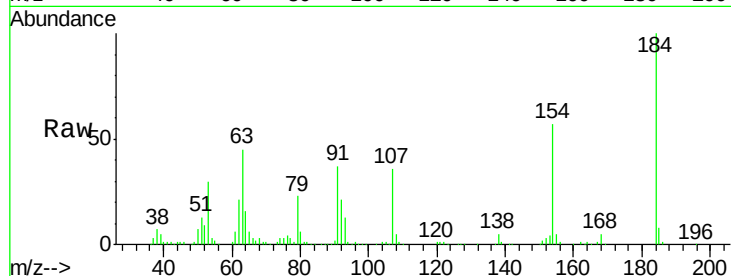




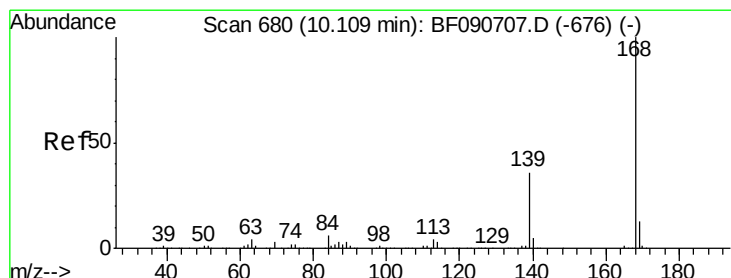
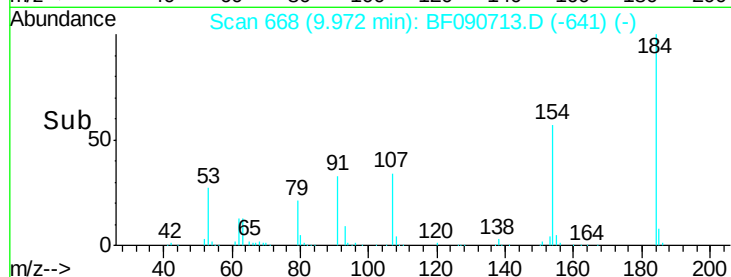
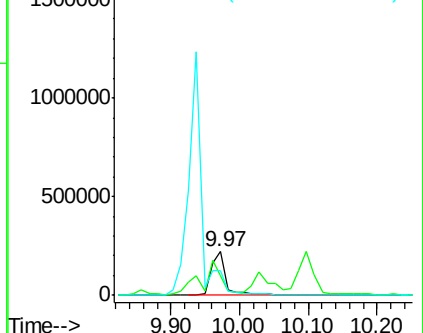
#53
 2,4-Dinitrophenol
 Concen: 83.03 ng
 RT: 9.97 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tot Ion:184 Resp: 345965
 Ion Ratio Lower Upper
 184 100
 63 45.2 35.4 53.2
 154 57.5 32.2 48.4#

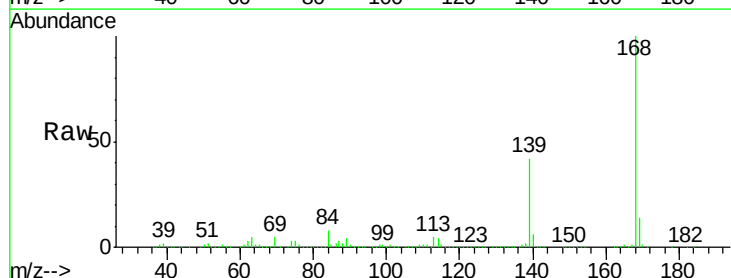


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

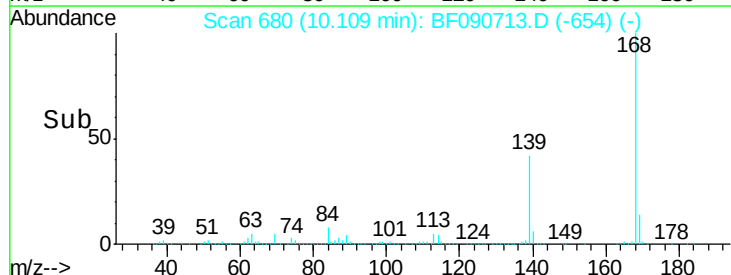
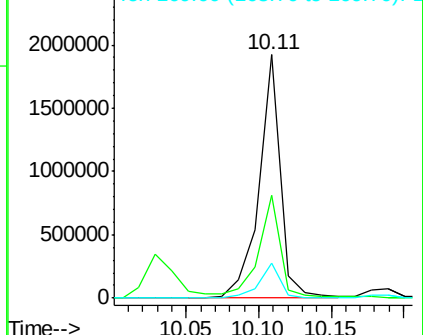


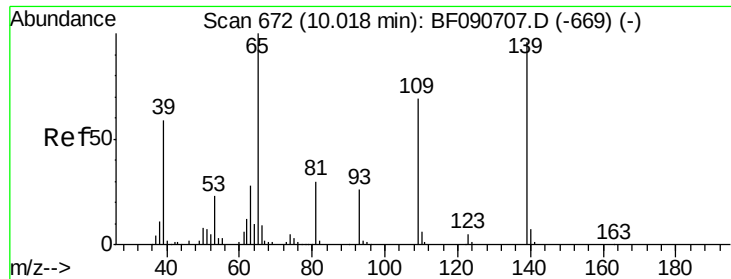
#54
 Dibenzofuran
 Concen: 52.08 ng
 RT: 10.11 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Tgt Ion:168 Resp: 1968609
 Ion Ratio Lower Upper
 168 100
 139 42.1 24.2 36.2#
 169 14.3 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

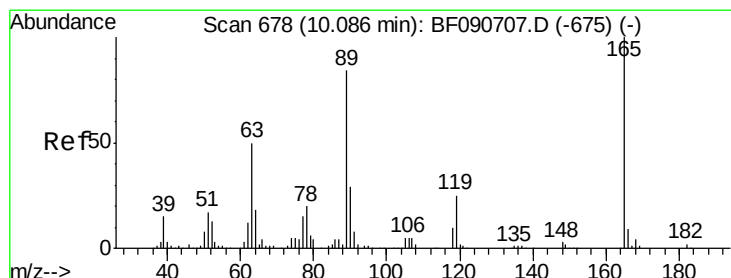
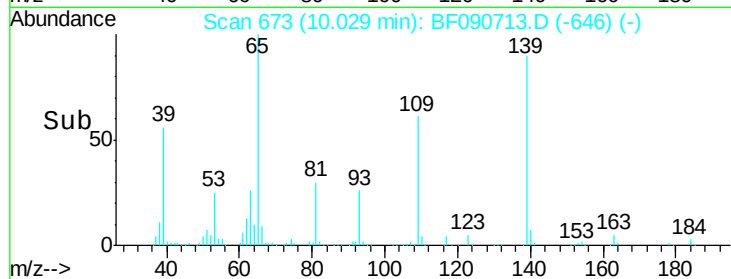
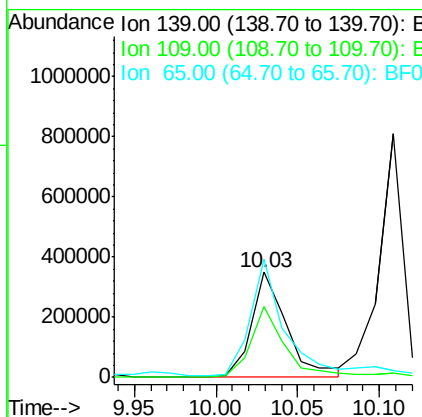
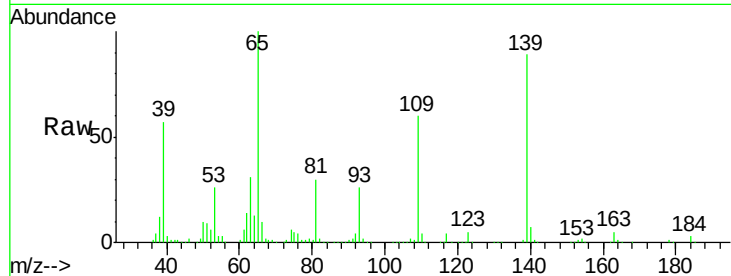




#55
4-Nitrophenol
Concen: 102.65 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

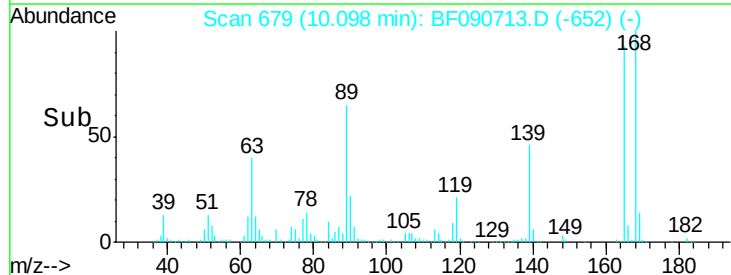
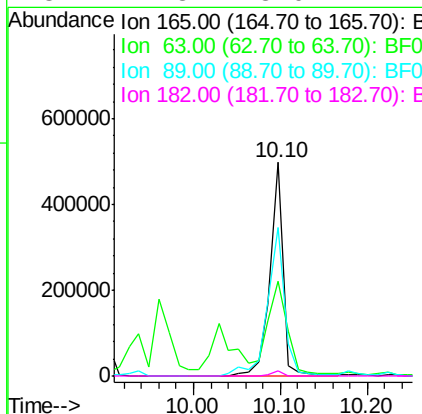
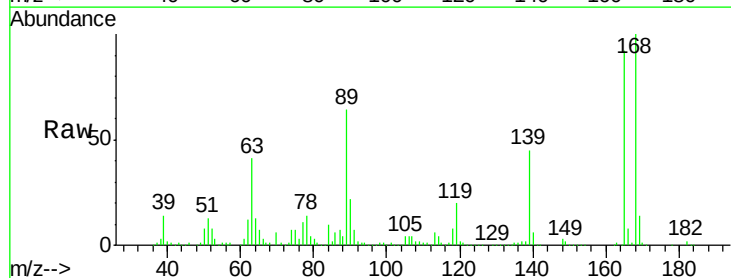
Instrument :
BNA_F
ClientSampleId :
PB94209BS

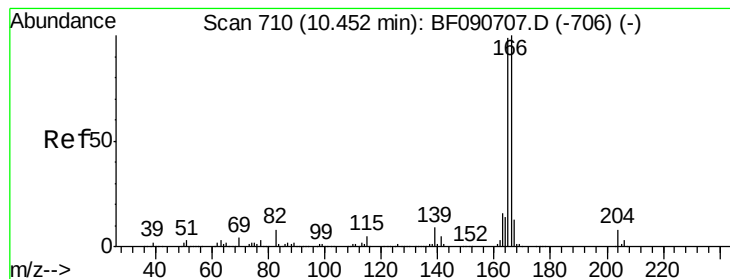
Tot Ion:139 Resp: 526105
Ion Ratio Lower Upper
139 100
109 67.8 12.7 52.7#
65 112.1 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 59.89 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Tgt Ion:165 Resp: 522042
Ion Ratio Lower Upper
165 100
63 44.6 29.8 44.6
89 69.7 44.5 66.7#
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 50.47 ng

RT: 10.45 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

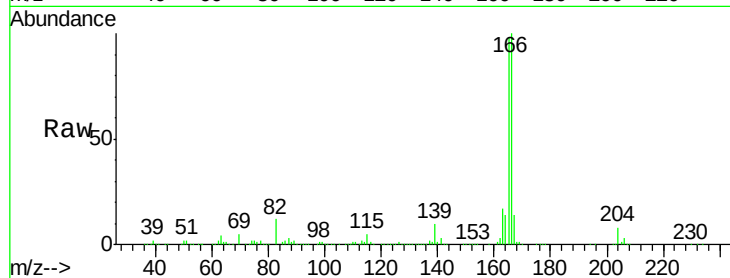
Tot Ion:166 Resp: 1581157

Ion Ratio Lower Upper

166 100

165 98.3 72.6 109.0

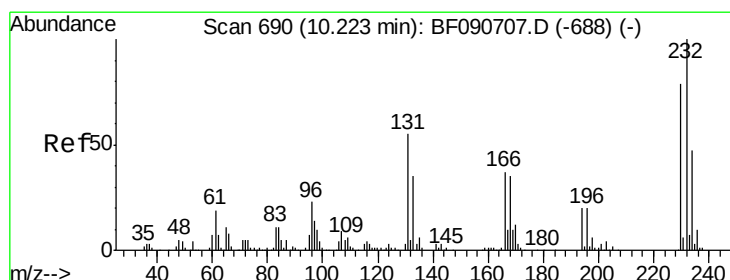
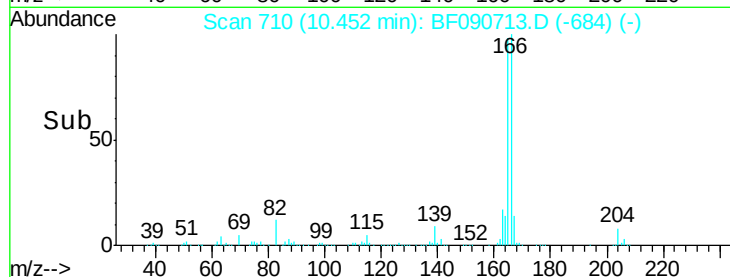
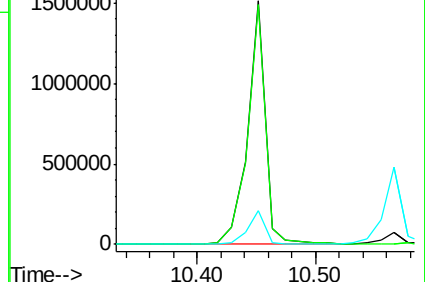
167 13.9 10.6 16.0



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: 51.92 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Tgt Ion:232 Resp: 365415

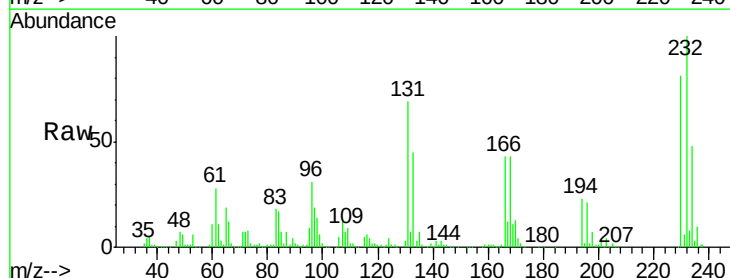
Ion Ratio Lower Upper

232 100

131 54.3 38.5 57.7

130 2.6 1.8 2.6

166 33.6 25.0 37.6

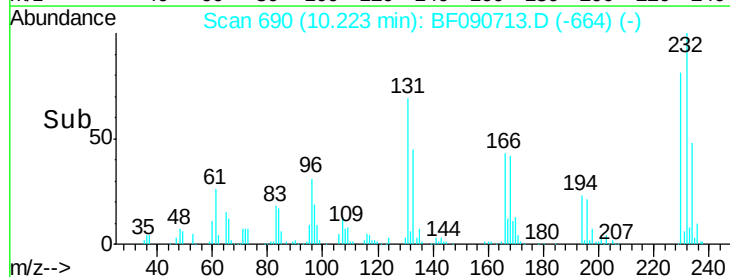
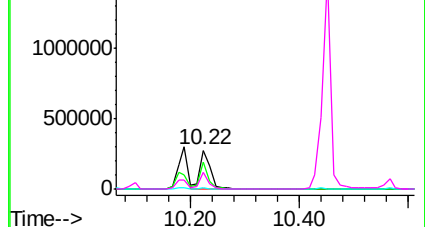


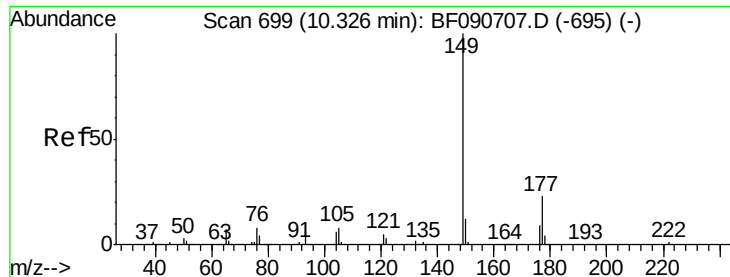
Abundance Ion 232.00 (231.70 to 232.70): E

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

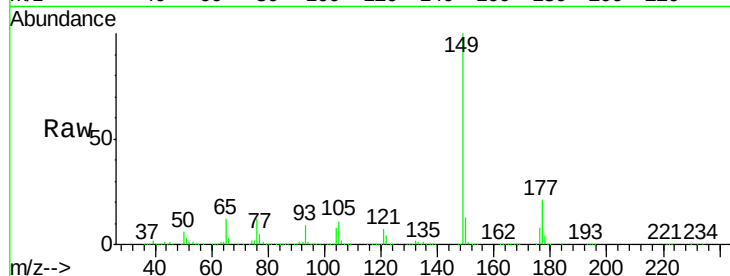




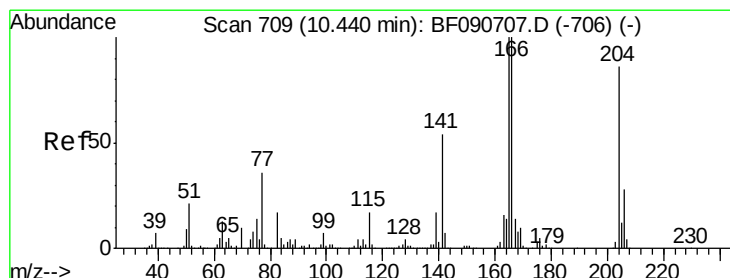
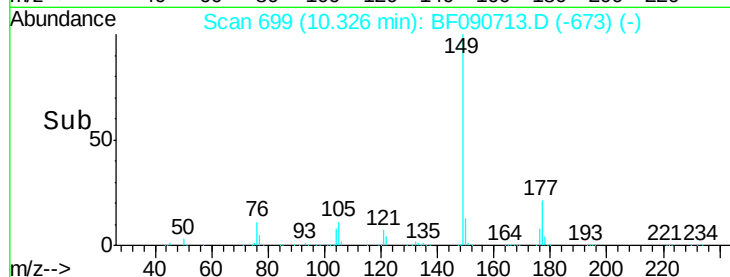
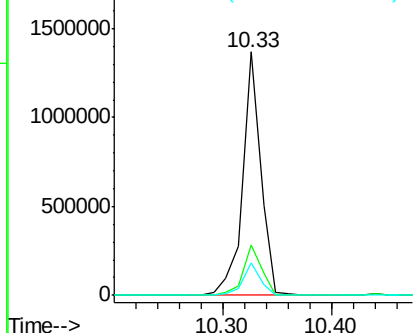
#59
Diethylphthalate
Concen: 45.83 ng
RT: 10.33 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion:149 Resp: 1576403
Ion Ratio Lower Upper
149 100
177 20.7 17.5 26.3
150 13.2 9.4 14.2

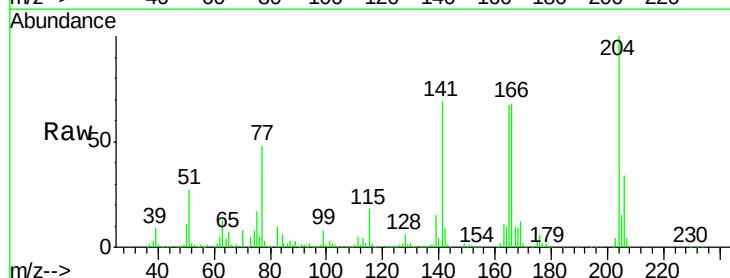


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

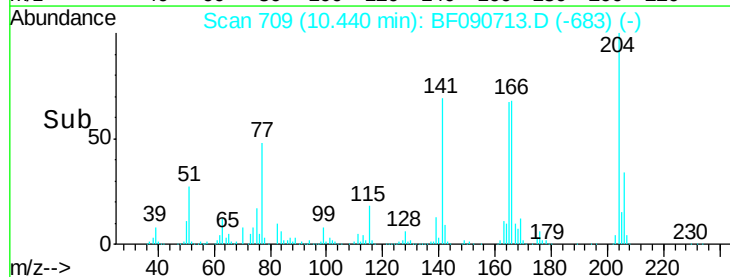
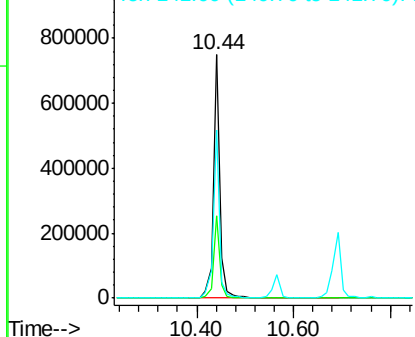


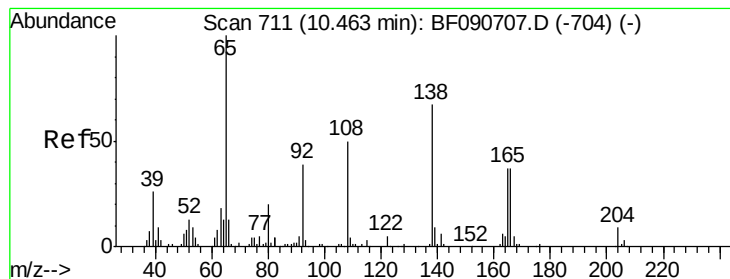
#60
4-Chlorophenyl-phenylether
Concen: 49.91 ng
RT: 10.44 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Tgt Ion:204 Resp: 714556
Ion Ratio Lower Upper
204 100
206 33.7 24.8 37.2
141 68.9 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: 44.29 ng

RT: 10.49 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampled :

PB94209BS

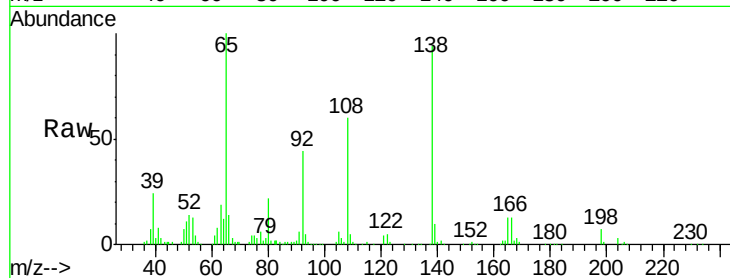
Tot Ion:138 Resp: 367714

Ion Ratio Lower Upper

138 100

92 47.1 12.6 52.6

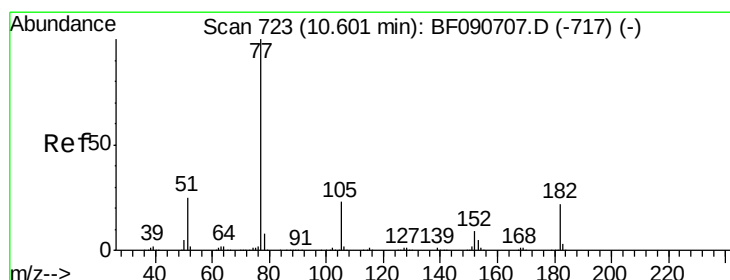
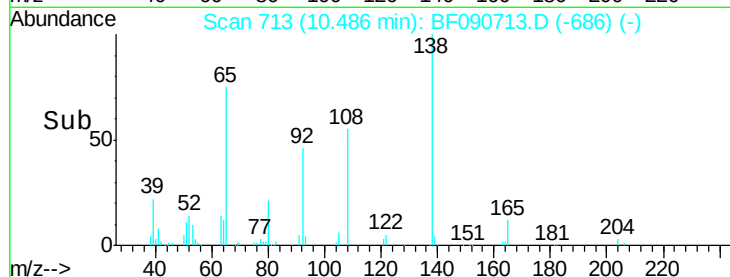
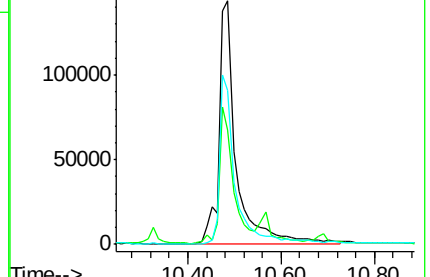
108 63.2 12.4 52.4#



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: 47.48 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Tgt Ion: 77 Resp: 1912402

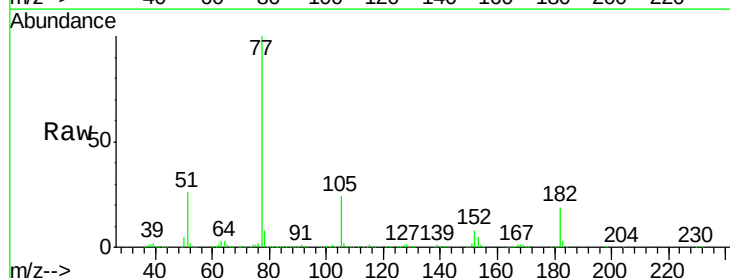
Ion Ratio Lower Upper

77 100

182 19.5 15.1 55.1

105 23.6 3.4 43.4

51 26.1 12.0 52.0

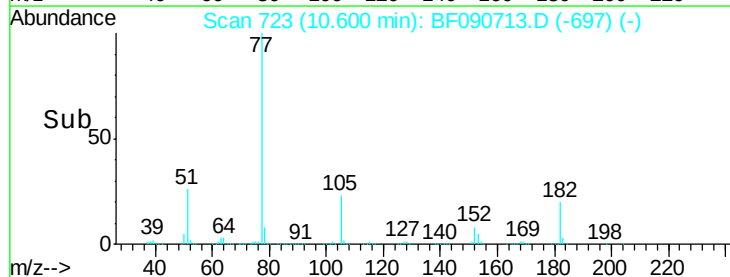
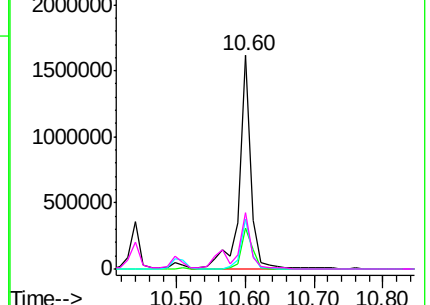


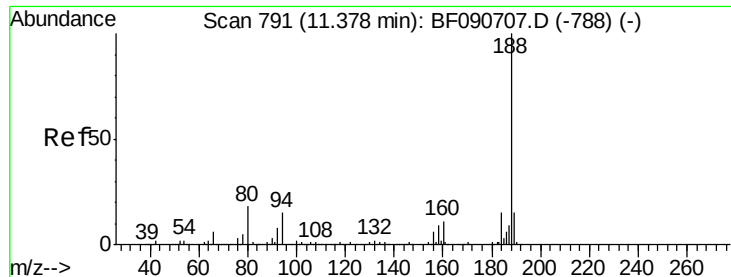
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

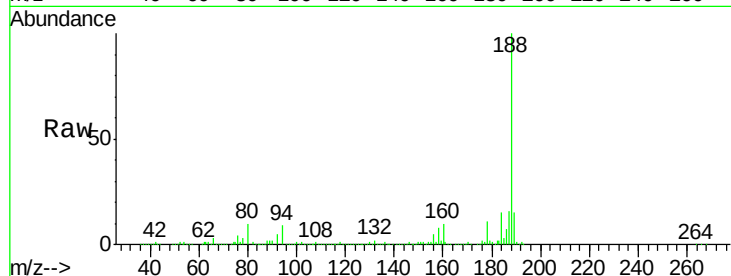
Tot Ion:188 Resp: 793227

Ion Ratio Lower Upper

188 100

94 9.1 11.1 16.7#

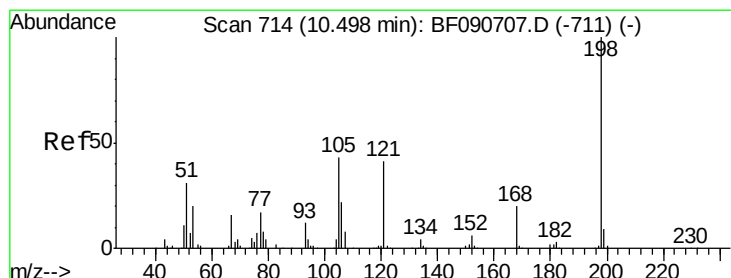
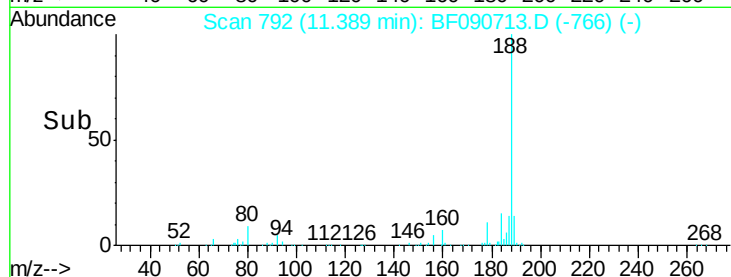
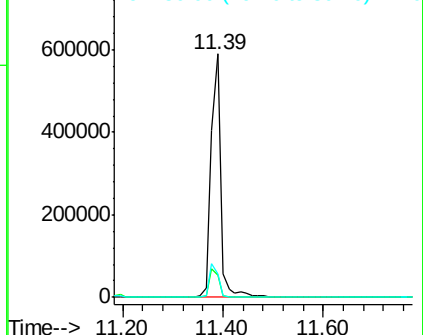
80 9.9 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.00 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

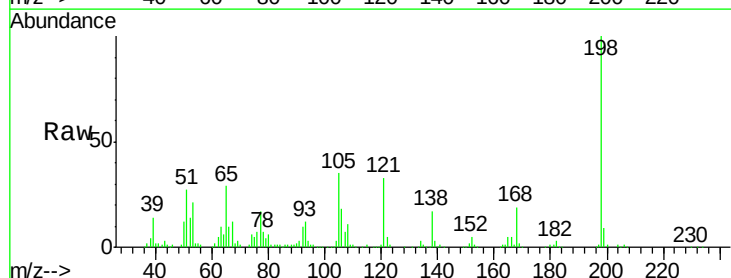
Tgt Ion:198 Resp: 231964

Ion Ratio Lower Upper

198 100

51 26.8 39.6 79.6#

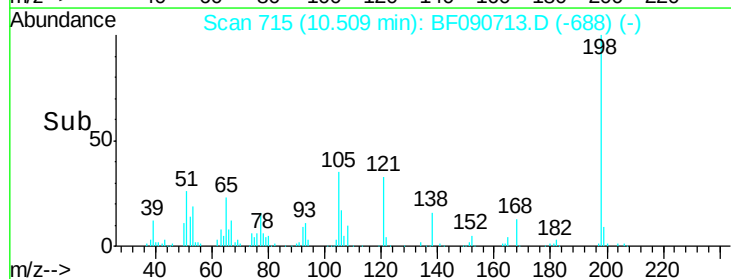
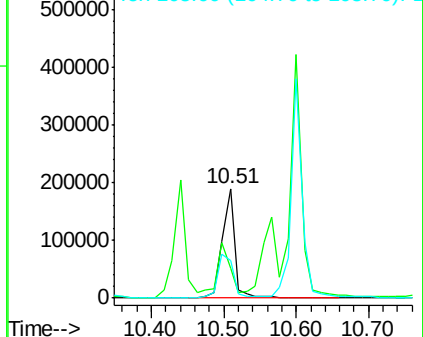
105 34.6 28.5 68.5

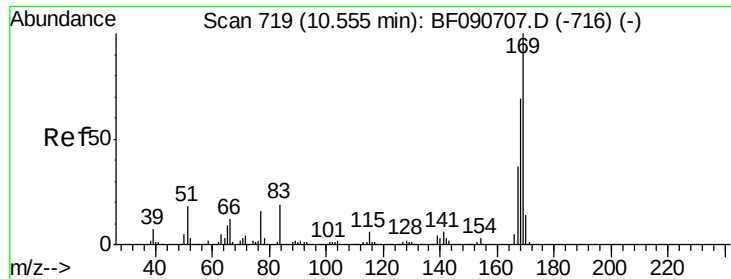


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.88 ng

RT: 10.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

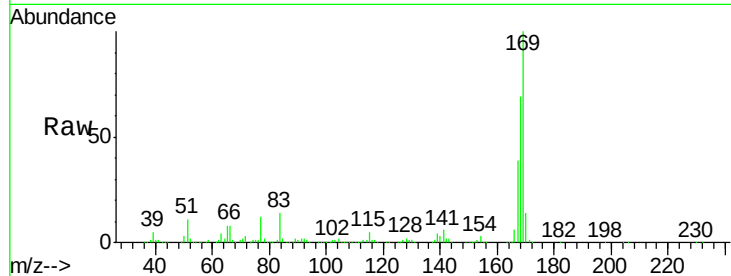
Tot Ion:169 Resp: 1343953

Ion Ratio Lower Upper

169 100

168 69.4 48.9 73.3

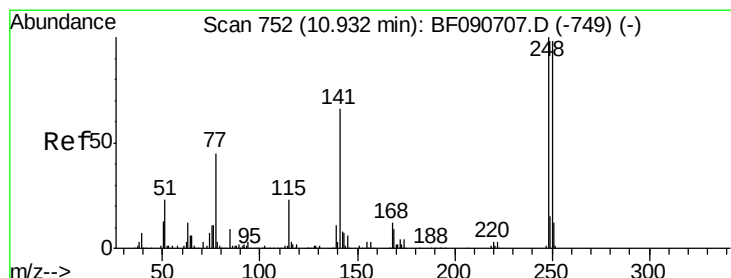
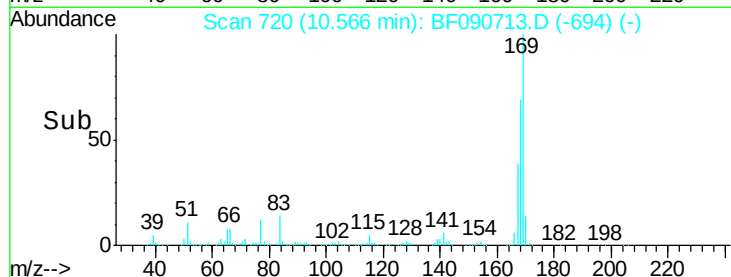
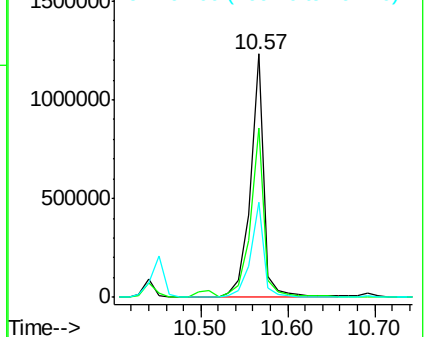
167 39.2 26.2 39.4



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: 56.69 ng

RT: 10.93 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

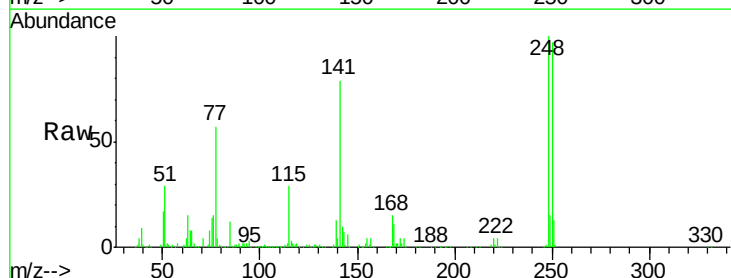
Tgt Ion:248 Resp: 435961

Ion Ratio Lower Upper

248 100

250 96.7 78.5 117.7

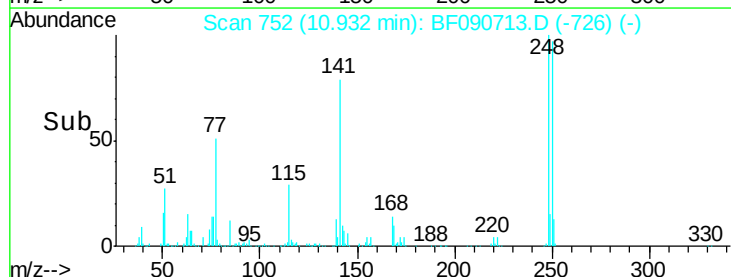
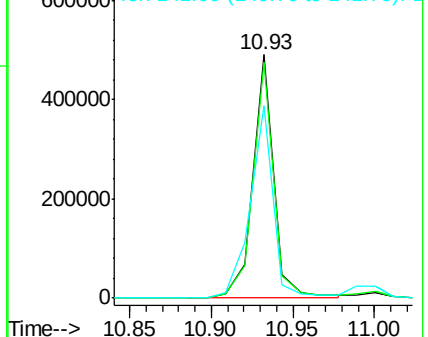
141 78.9 59.0 88.6

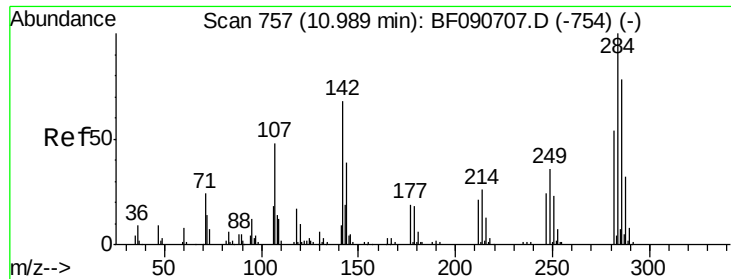


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

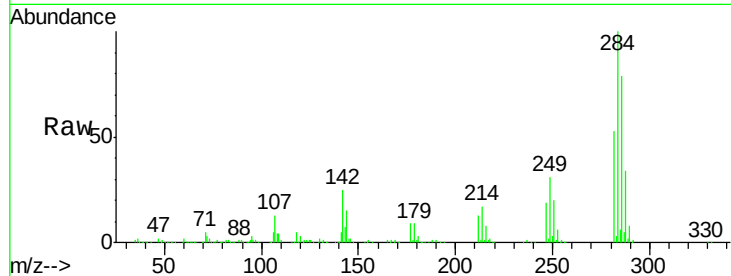




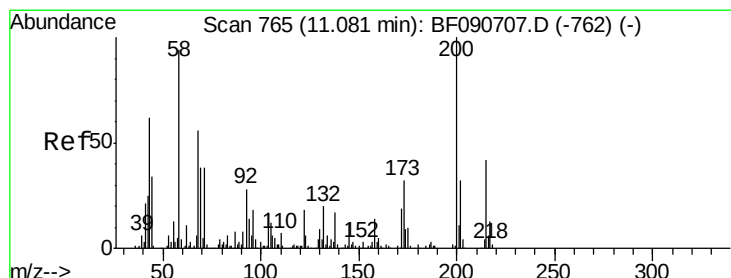
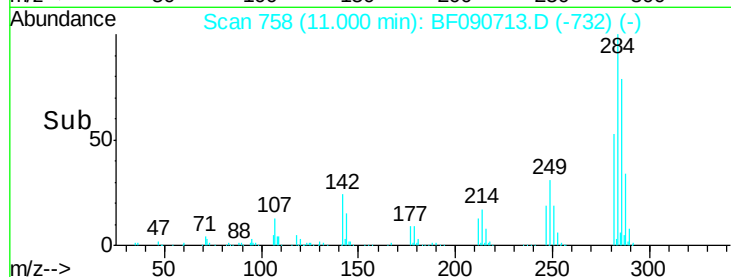
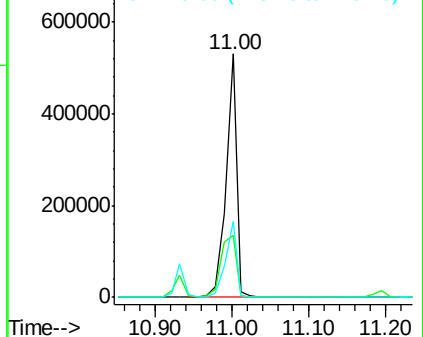
#67
Hexachlorobenzene
Concen: 57.37 ng
RT: 11.00 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.4	29.5	44.3#
249	31.0	19.5	29.3#

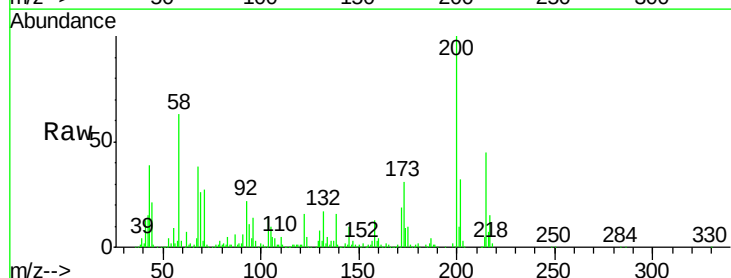


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

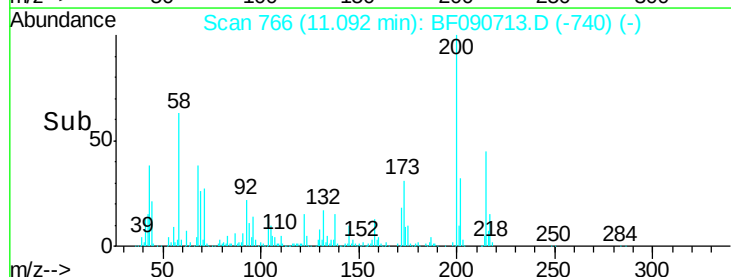
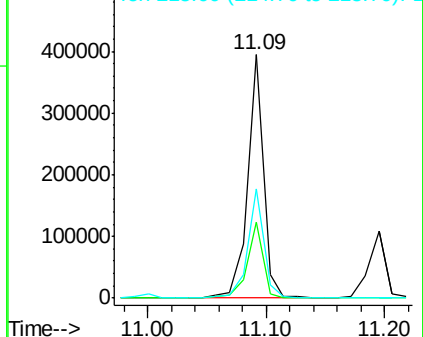


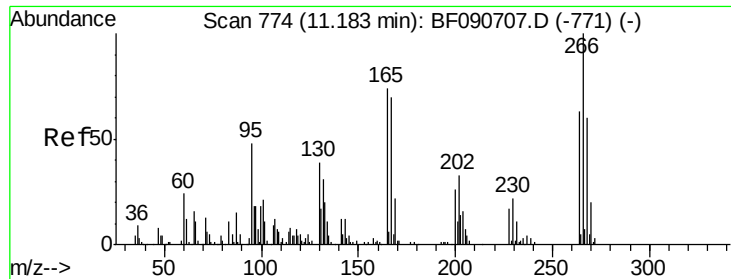
#68
Atrazine
Concen: 53.12 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.1	13.2	53.2
215	44.8	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

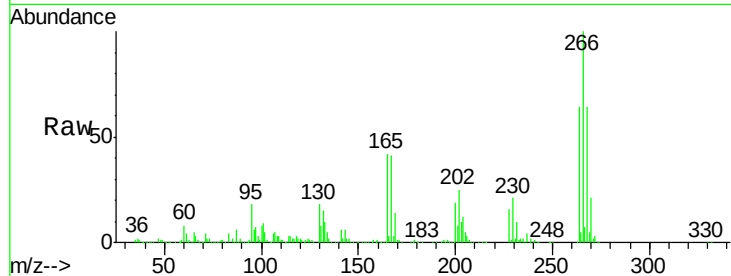




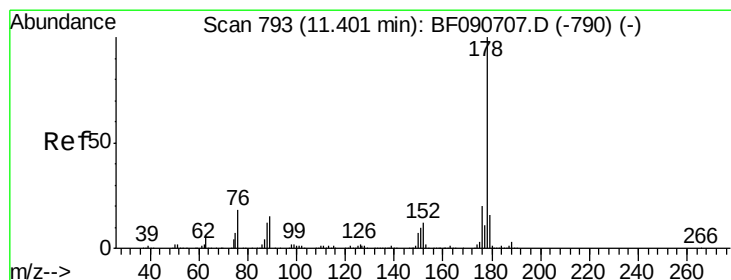
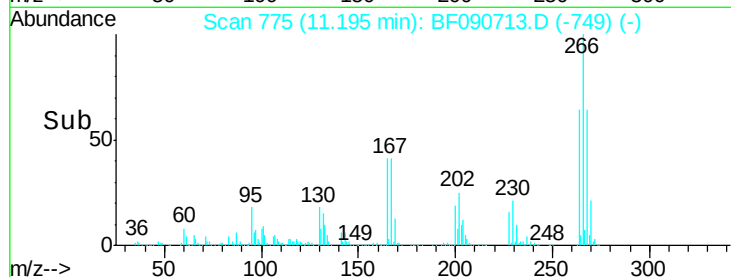
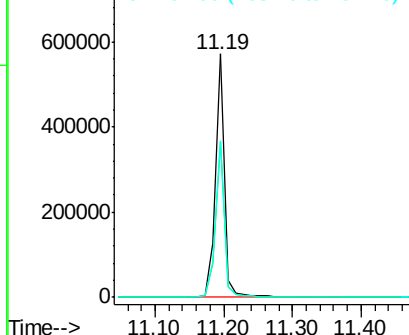
#69
 Pentachlorophenol
 Concen: 89.60 ng
 RT: 11.19 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.8	74.6
264	64.4	50.2	75.2

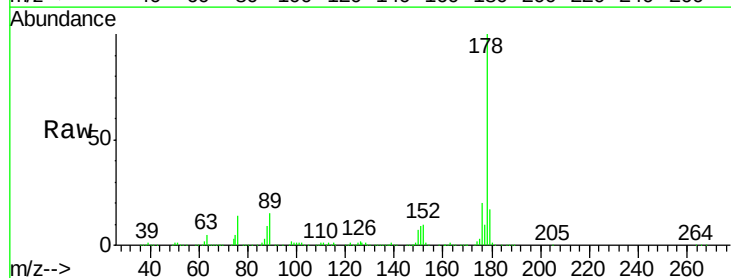


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

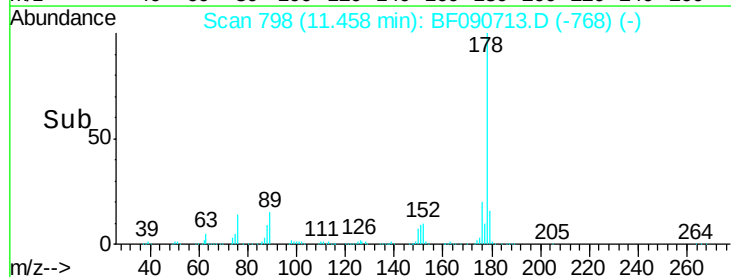
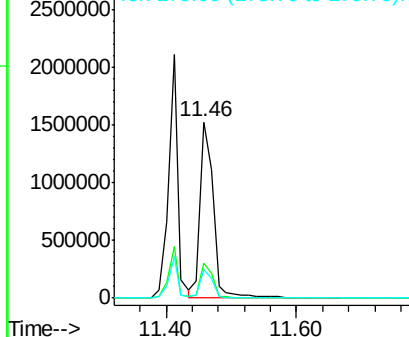


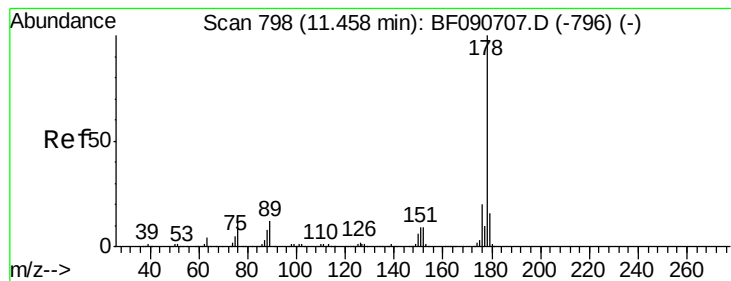
#70
 Phenanthrene
 Concen: 52.23 ng
 RT: 11.46 min Scan# 798
 Delta R.T. 0.05 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	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: 47.33 ng

RT: 11.46 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampled :

PB94209BS

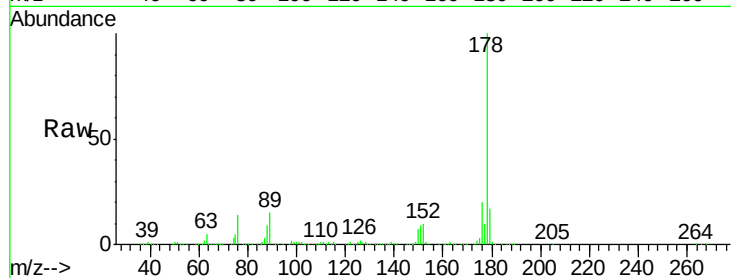
Tot Ion:178 Resp: 2122385

Ion Ratio Lower Upper

178 100

176 20.1 14.1 21.1

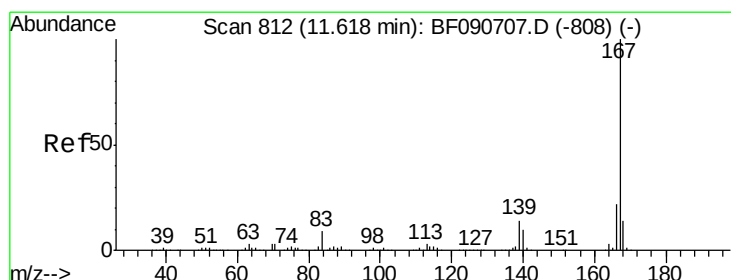
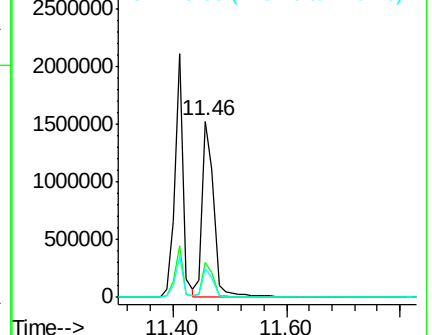
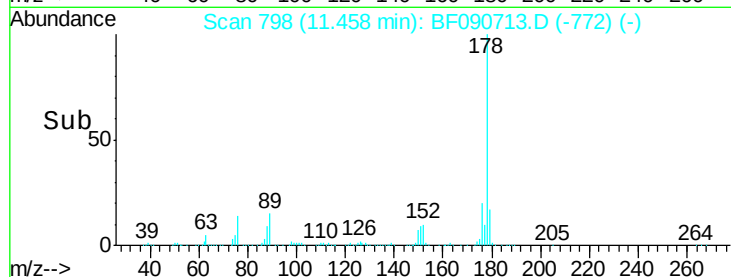
179 16.6 12.2 18.2



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: 51.28 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

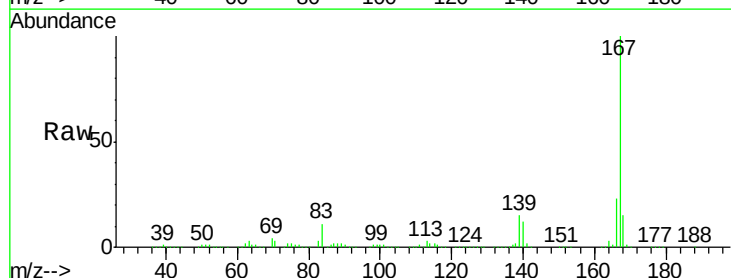
Tgt Ion:167 Resp: 1922515

Ion Ratio Lower Upper

167 100

166 23.3 15.7 23.5

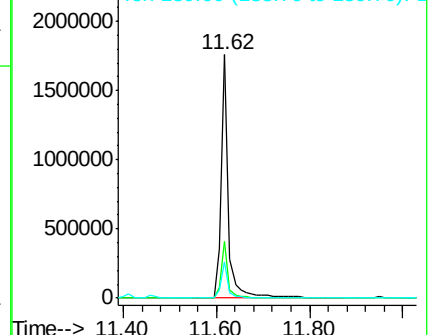
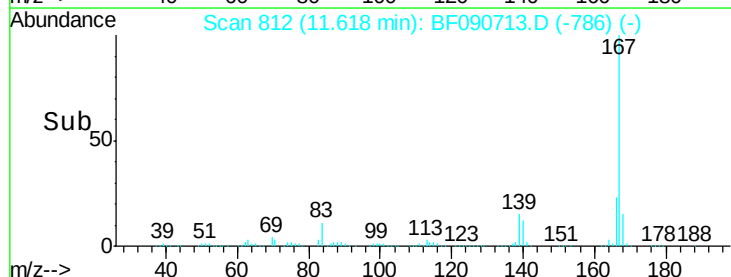
139 15.1 9.5 14.3#

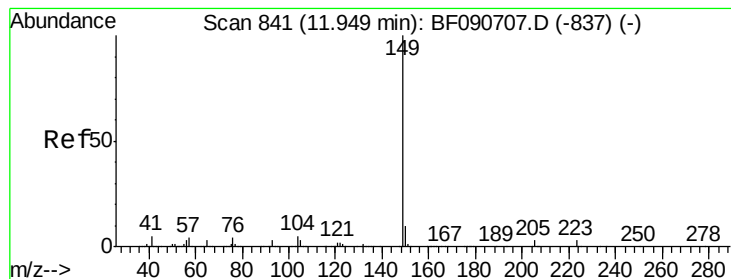


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.36 ng

RT: 11.95 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

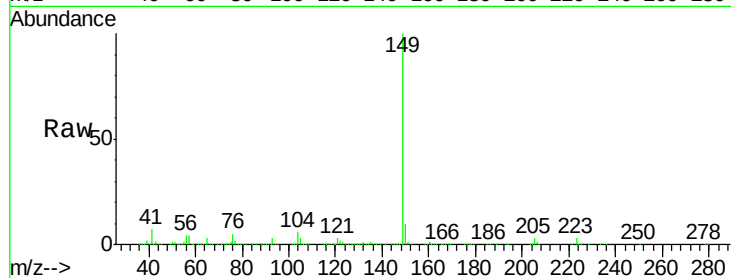
Tot Ion:149 Resp: 2351924

Ion Ratio Lower Upper

149 100

150 10.4 7.4 11.2

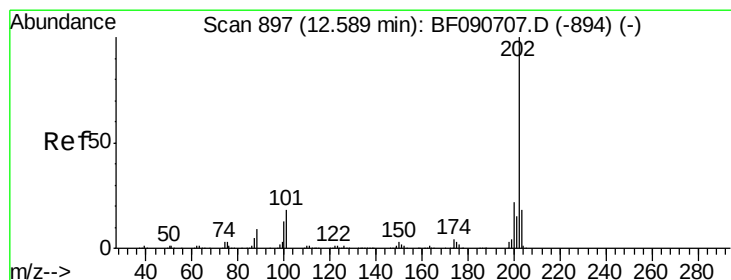
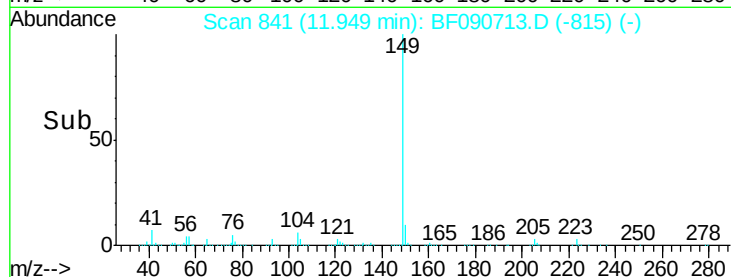
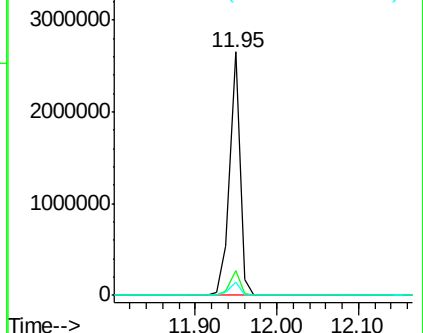
104 5.5 2.4 3.6#



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: 54.94 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

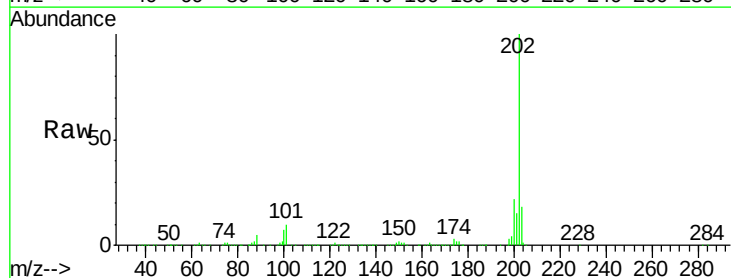
Tgt Ion:202 Resp: 2148988

Ion Ratio Lower Upper

202 100

101 9.9 0.0 38.3

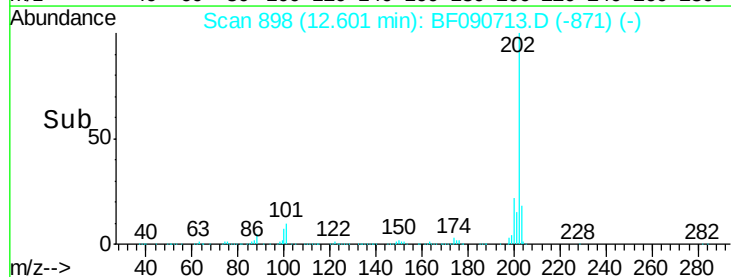
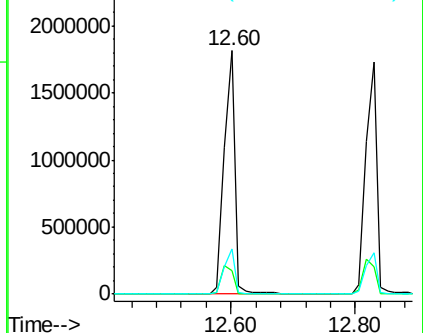
203 18.5 0.0 37.3

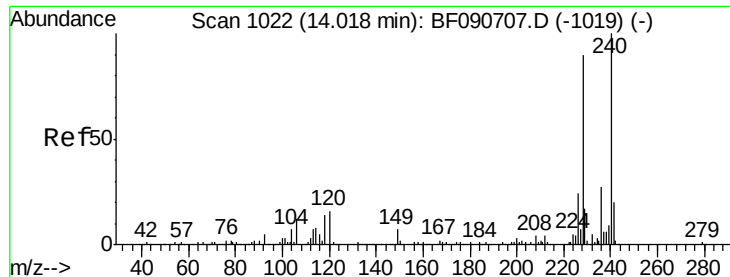


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

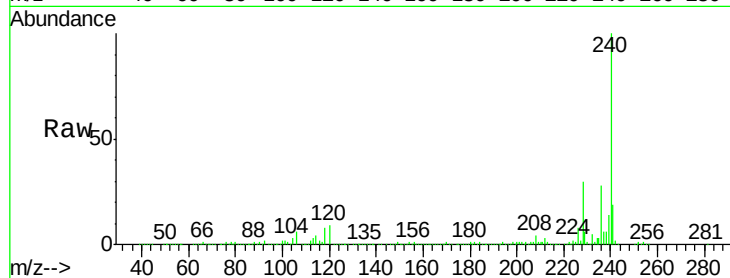
Tot Ion:240 Resp: 566257

Ion Ratio Lower Upper

240 100

120 8.8 16.2 24.2#

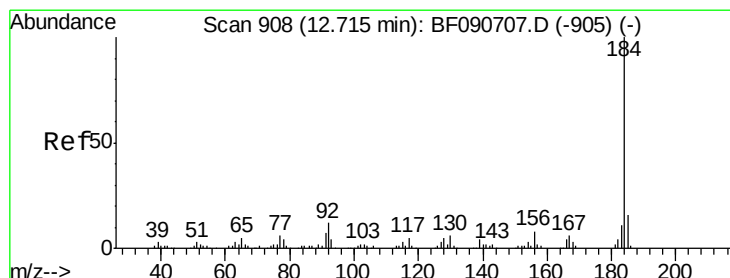
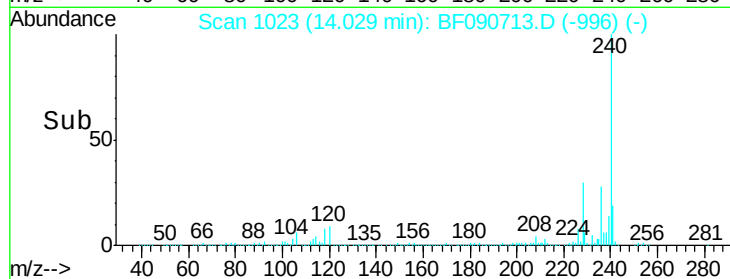
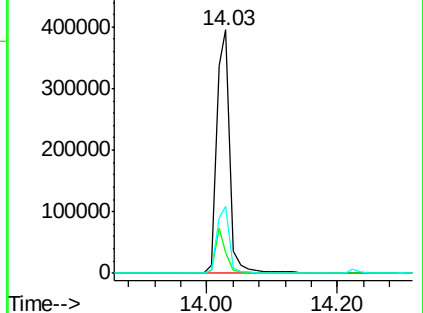
236 27.8 18.4 27.6#



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: 20.83 ng

RT: 12.73 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

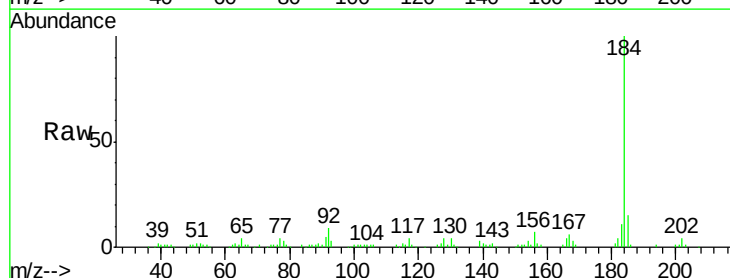
Tgt Ion:184 Resp: 261879

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.6

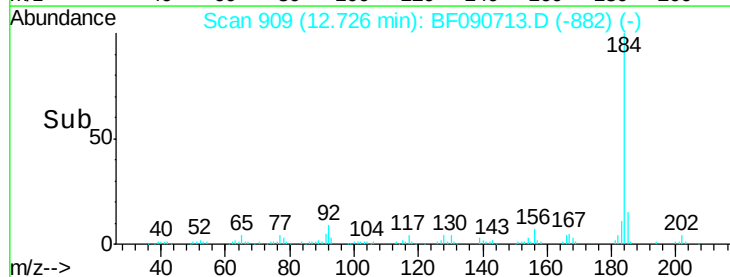
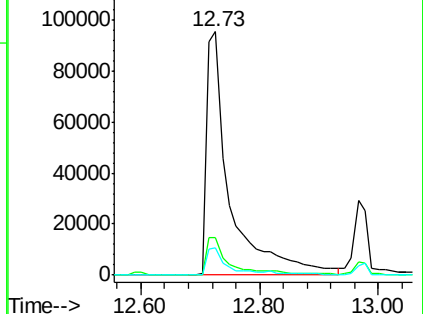
183 11.2 7.6 11.4

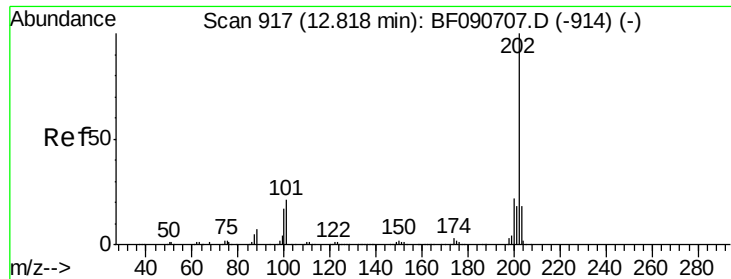


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 53.49 ng

RT: 12.60 min Scan# 898

Delta R.T. -0.23 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

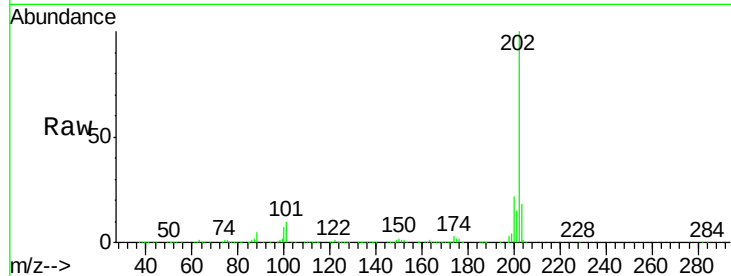
Tot Ion:202 Resp: 2115462

Ion Ratio Lower Upper

202 100

200 22.4 15.0 22.4

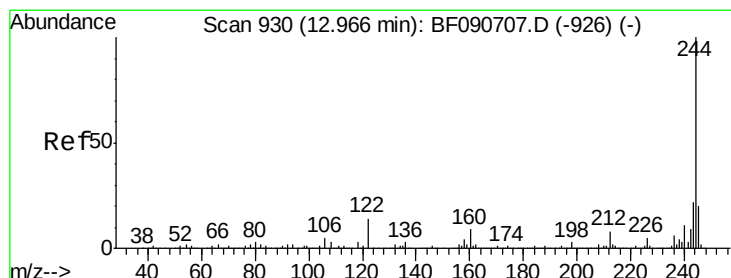
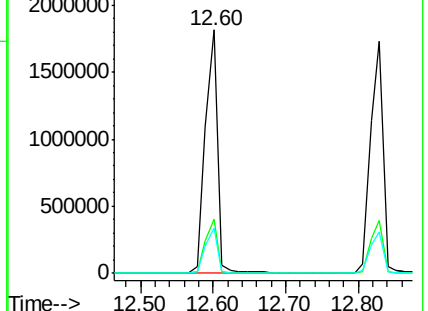
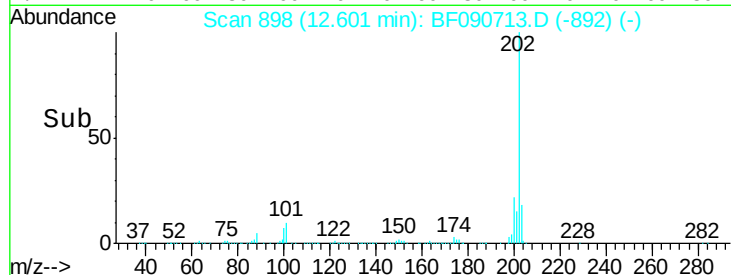
203 18.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 116.88 ng

RT: 12.98 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

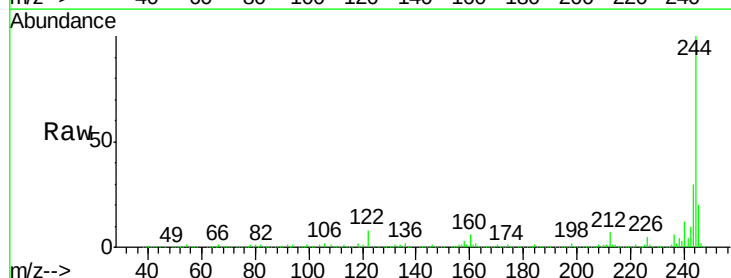
Tgt Ion:244 Resp: 2887798

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

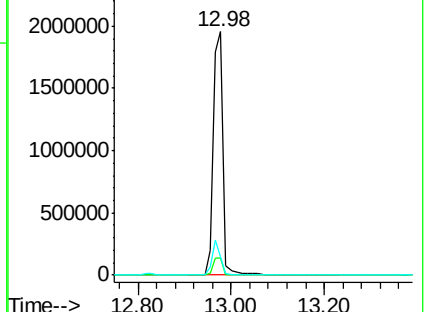
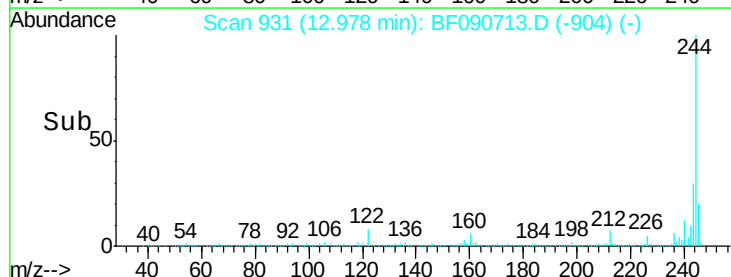
122 7.7 17.4 26.2#

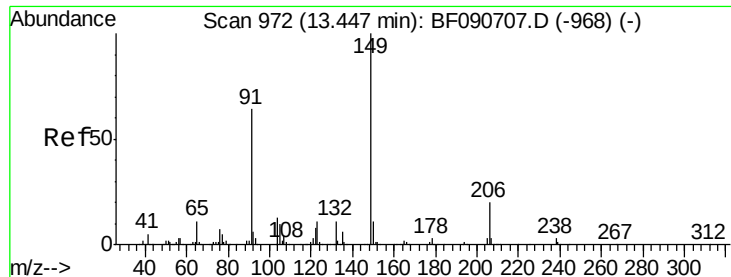


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

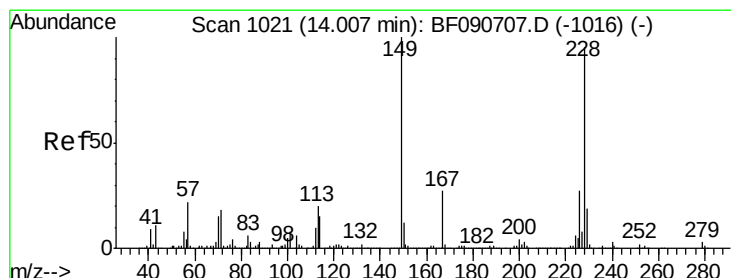
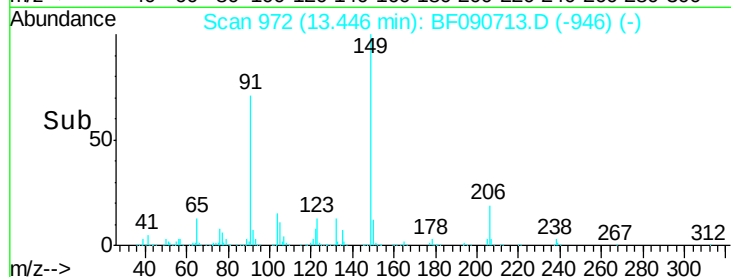
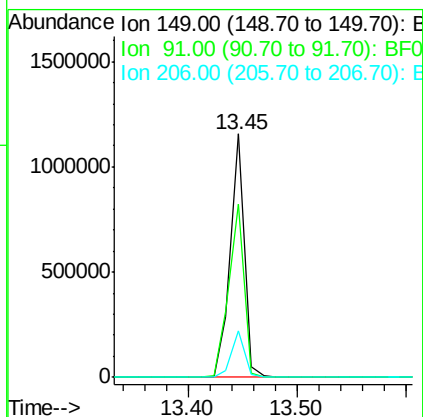
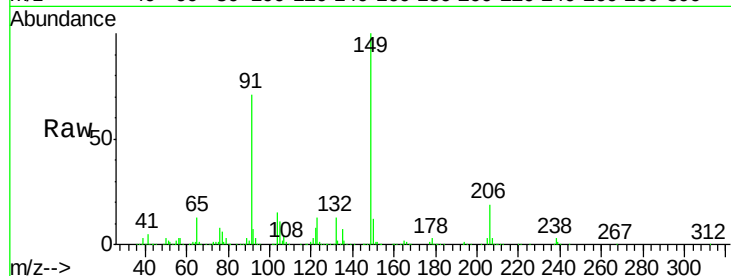




#79
Butylbenzylphthalate
Concen: 57.20 ng
RT: 13.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

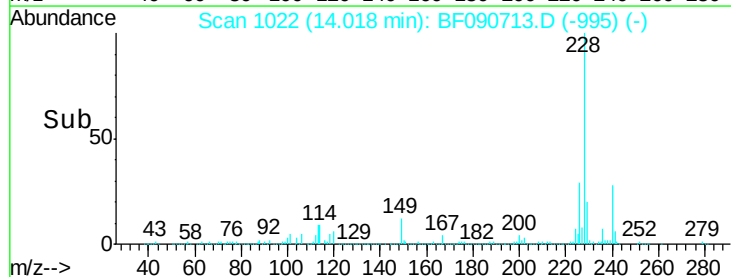
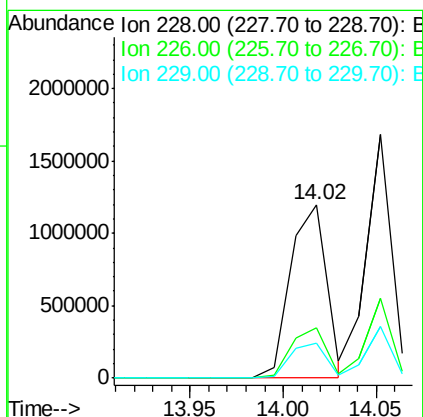
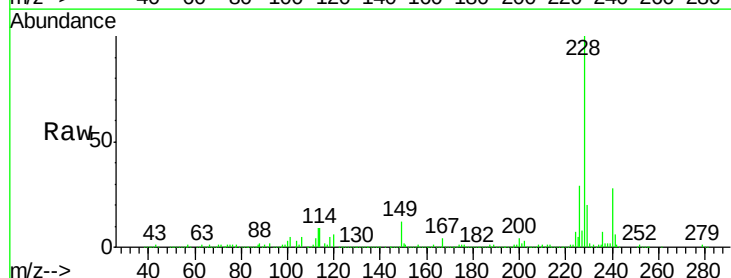
Instrument :
BNA_F
ClientSampleId :
PB94209BS

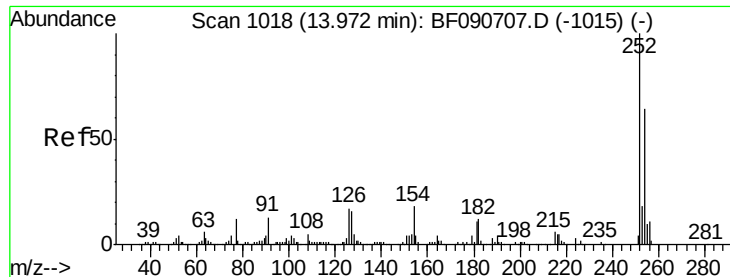
Tot Ion:149 Resp: 1039764
Ion Ratio Lower Upper
149 100
91 70.9 48.6 72.8
206 19.2 14.9 22.3



#80
Benzo(a)anthracene
Concen: 52.56 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Tgt Ion:228 Resp: 1628654
Ion Ratio Lower Upper
228 100
226 28.7 20.0 30.0
229 20.4 15.4 23.2

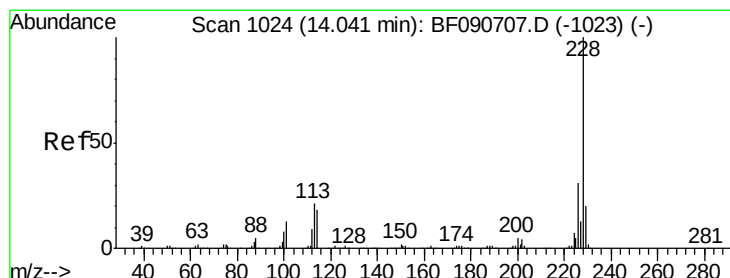
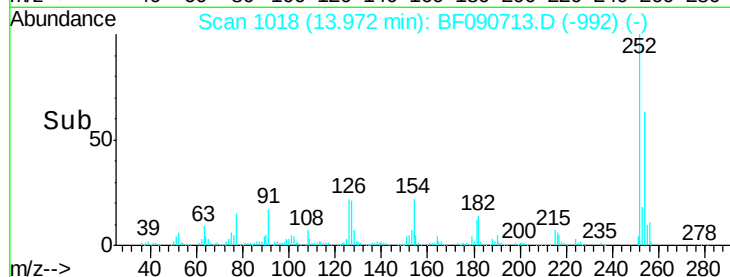
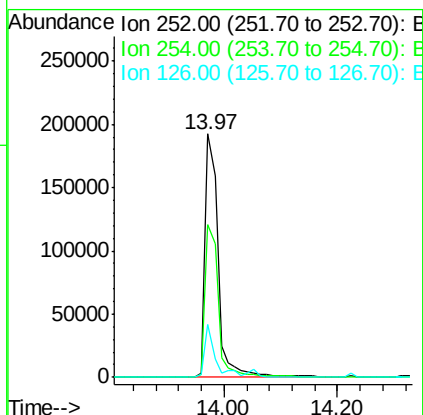
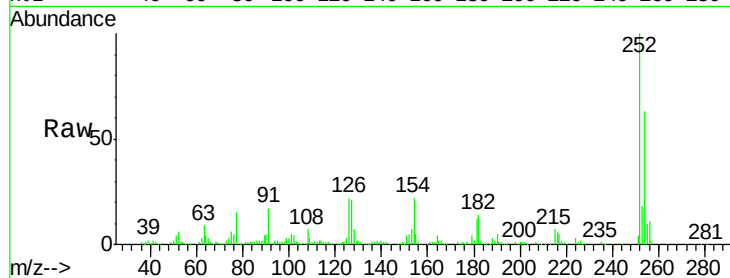




#81
 3,3'-Dichlorobenzidine
 Concen: 27.42 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

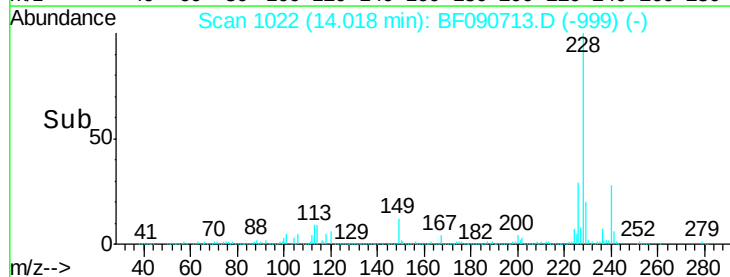
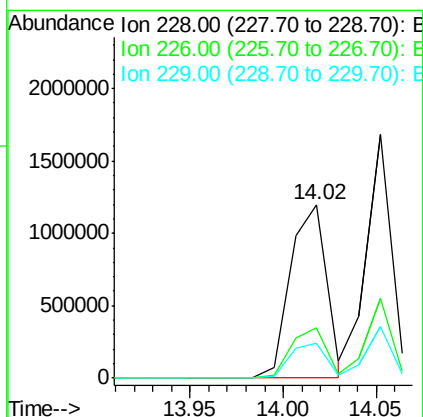
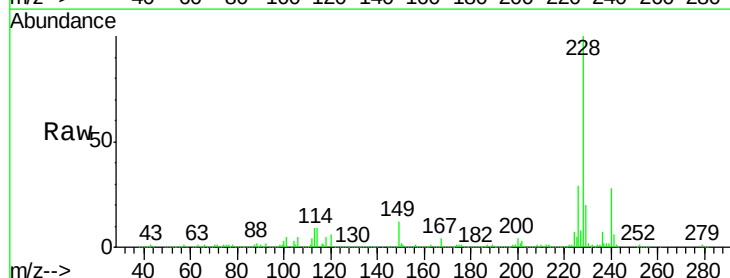
Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

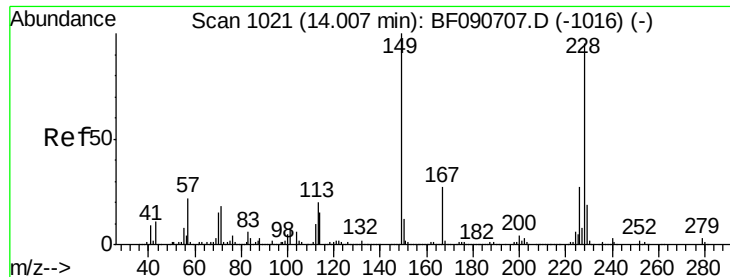
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.4	77.2
126	21.5	16.4	24.6



#82
 Chrysene
 Concen: 53.85 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.0	31.4
229	20.4	15.6	23.4

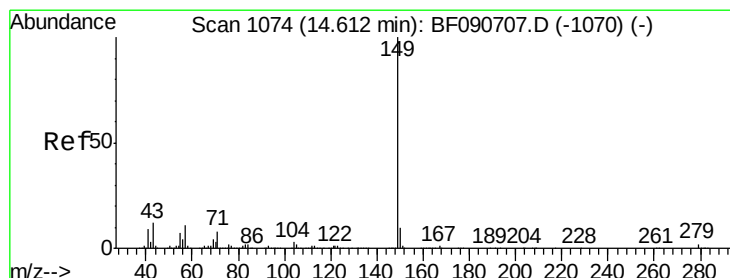
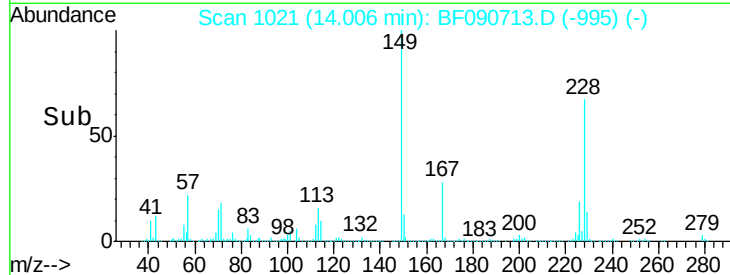
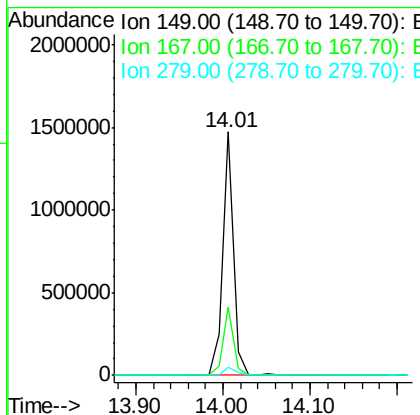
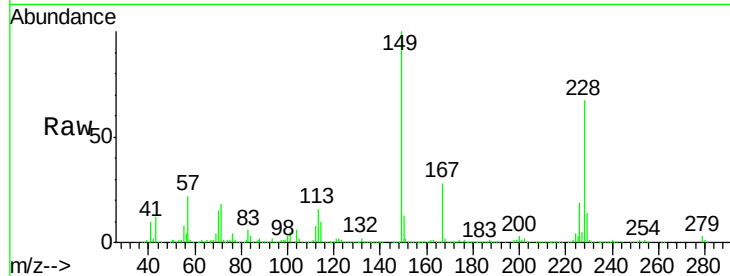




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.77 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

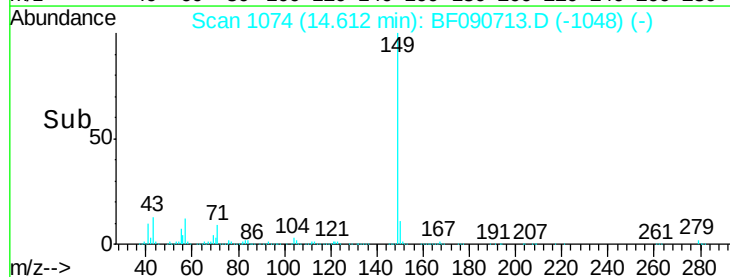
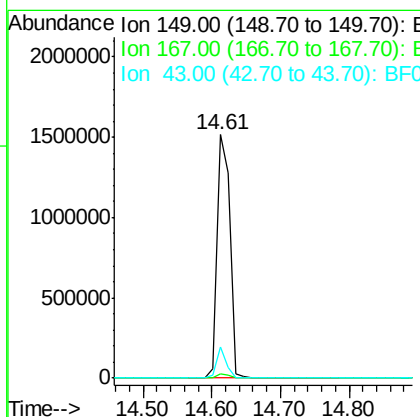
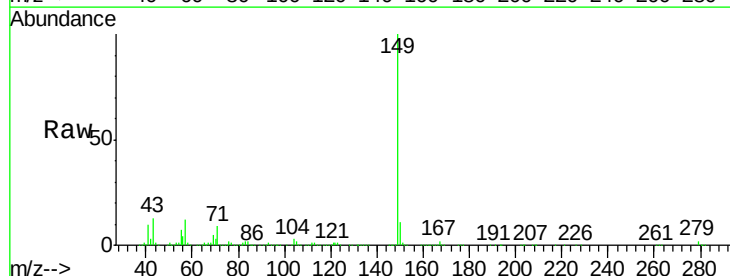
Instrument :
 BNA_F
 ClientSampleId :
 PB94209BS

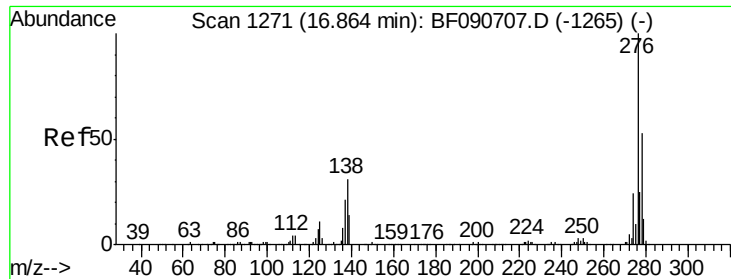
Tot Ion:149 Resp: 1294360
 Ion Ratio Lower Upper
 149 100
 167 28.0 24.2 36.2
 279 3.2 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 50.58 ng
 RT: 14.61 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BF090713.D
 Acq: 21 Oct 2016 15:03

Tgt Ion:149 Resp: 1996595
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 9.7 10.2 15.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.96 ng

RT: 16.88 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

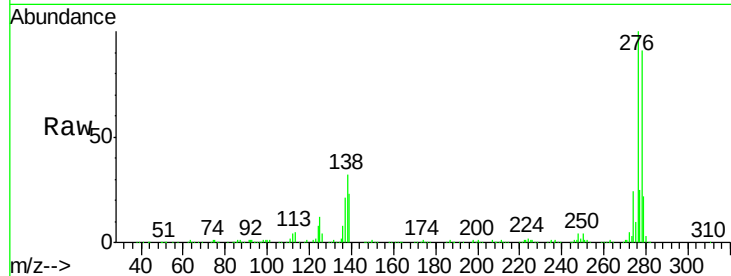
Tot Ion:276 Resp: 1080819

Ion Ratio Lower Upper

276 100

138 32.8 25.7 38.5

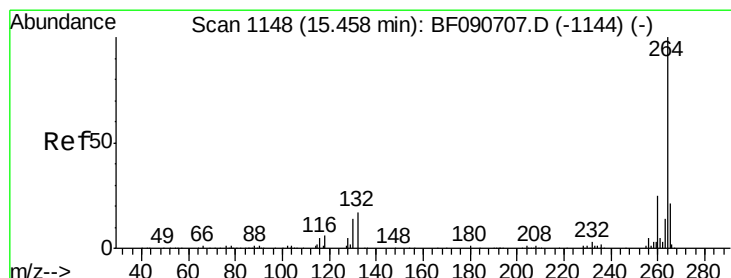
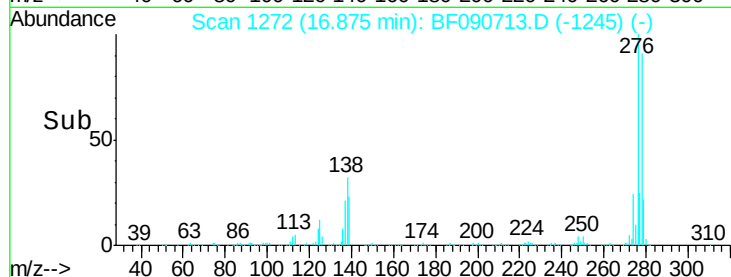
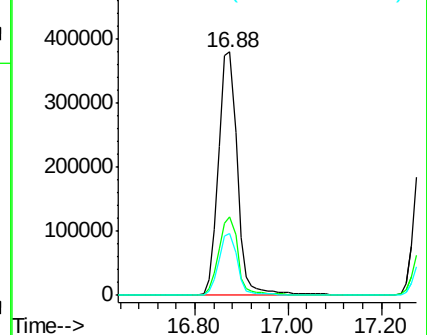
277 25.2 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

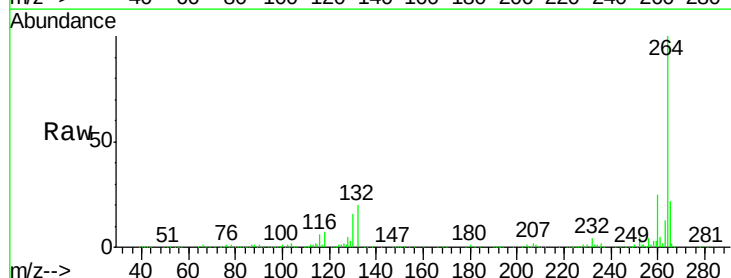
Tgt Ion:264 Resp: 368893

Ion Ratio Lower Upper

264 100

260 25.0 16.7 25.1

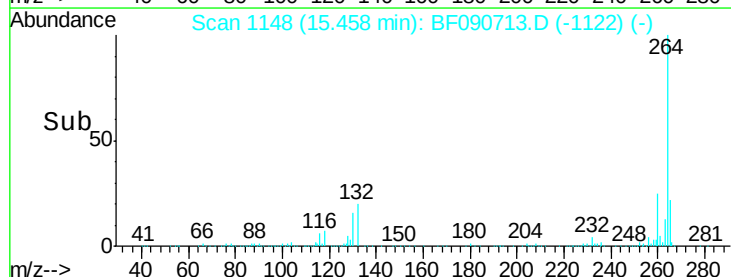
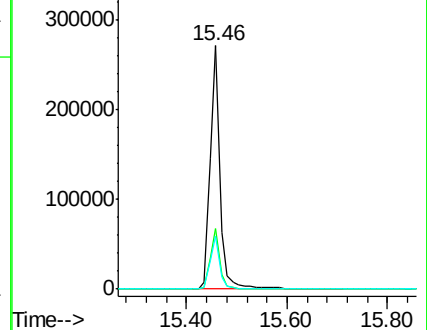
265 21.8 17.2 25.8

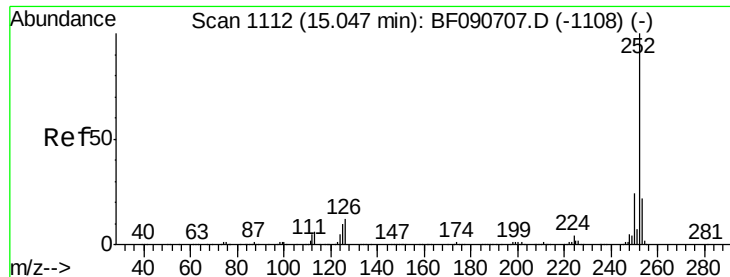


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

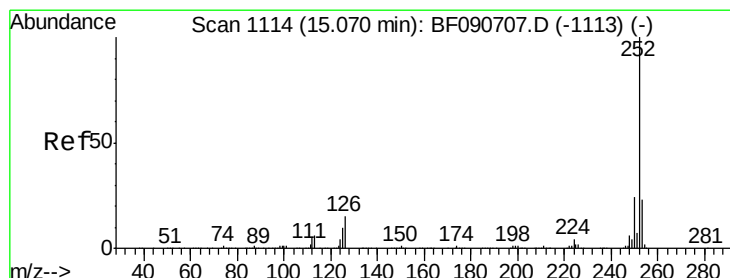
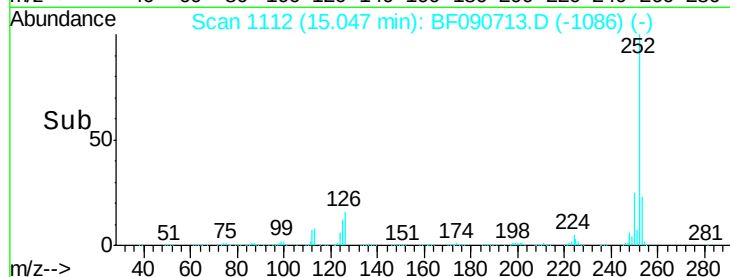
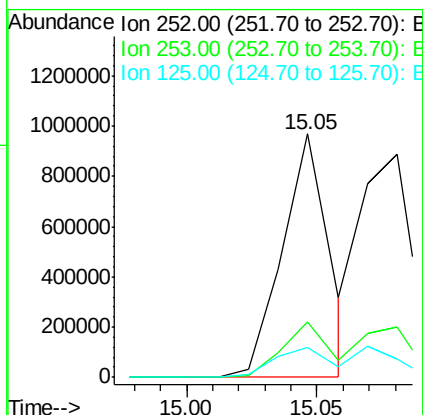
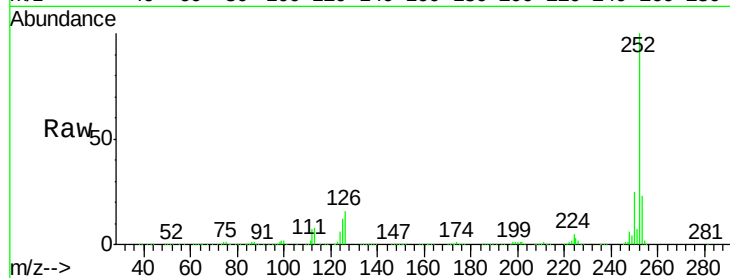




#87
Benzo(b)fluoranthene
Concen: 52.88 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

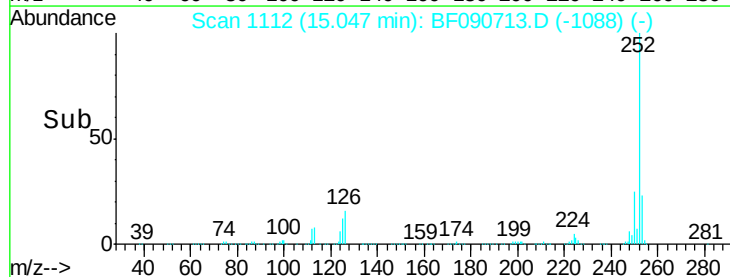
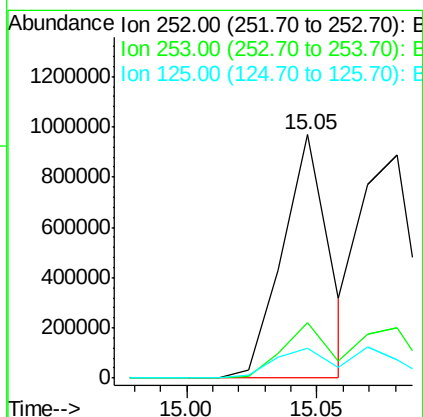
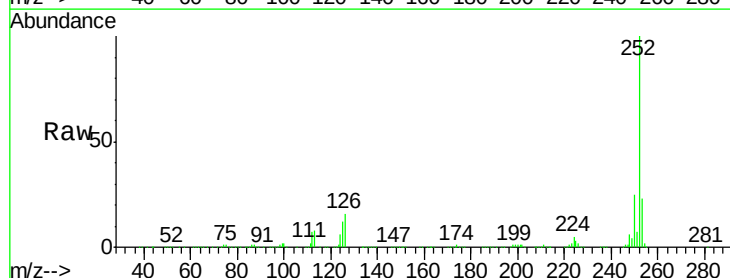
Instrument :
BNA_F
ClientSampleId :
PB94209BS

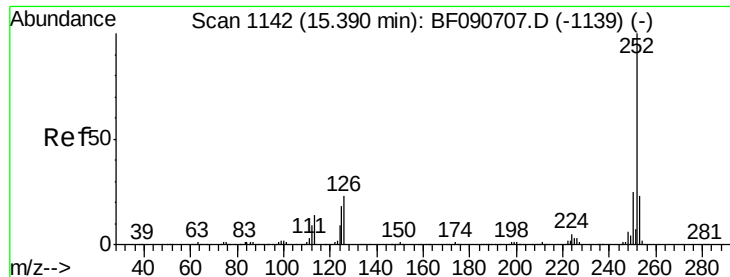
Tot Ion:252 Resp: 1199398
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 12.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 52.62 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Tgt Ion:252 Resp: 1199398
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 12.5 16.0 24.0#

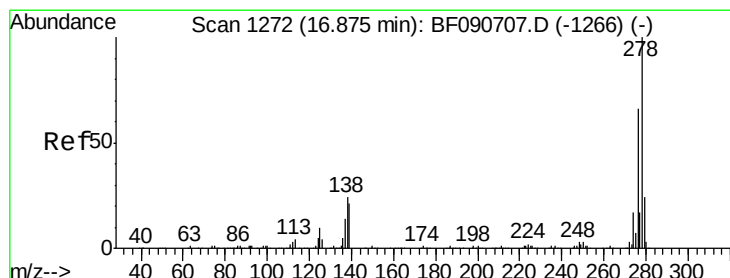
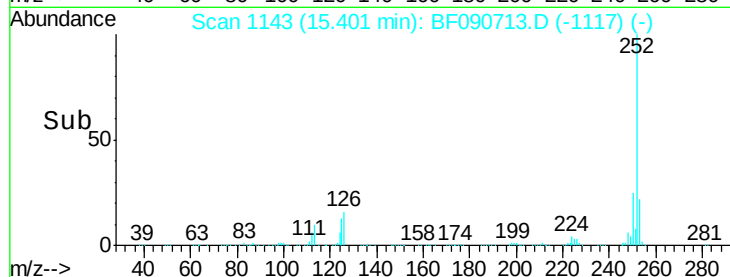
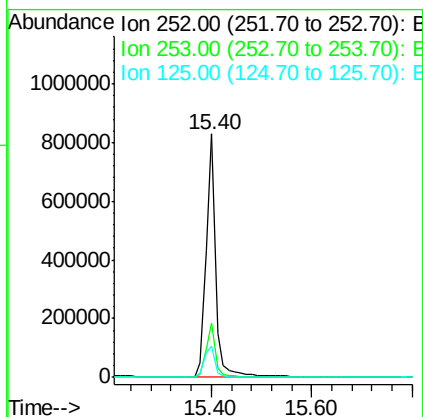
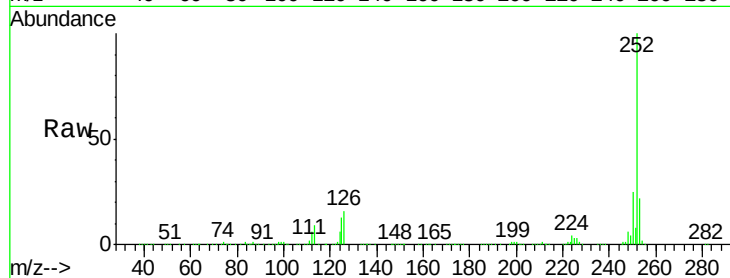




#89
Benzo(a)pyrene
Concen: 51.01 ng
RT: 15.40 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

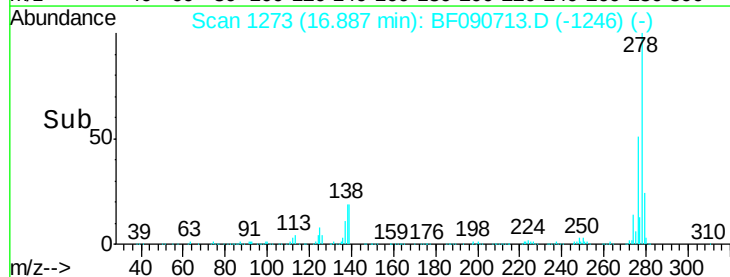
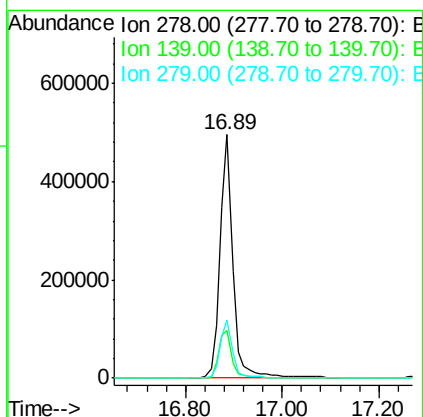
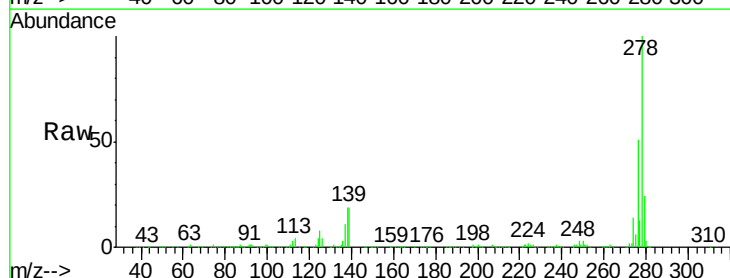
Instrument :
BNA_F
ClientSampled :
PB94209BS

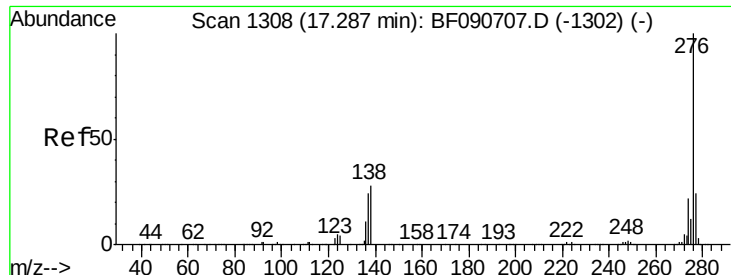
Tot Ion:252 Resp: 1085488
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.6 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 45.46 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090713.D
Acq: 21 Oct 2016 15:03

Tgt Ion:278 Resp: 928984
Ion Ratio Lower Upper
278 100
139 19.4 26.3 39.5#
279 24.1 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 43.47 ng

RT: 17.30 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF090713.D

Acq: 21 Oct 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB94209BS

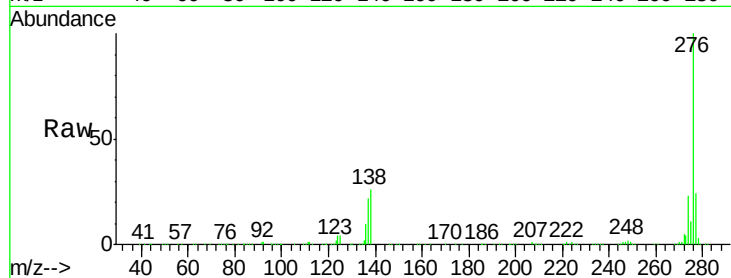
Tot Ion:276 Resp: 861492

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.6

138 26.0 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

