

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090408.D
 Acq On : 6 Oct 2016 4:22
 Operator : UM/SJ
 Sample : PB93791BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Quant Time: Oct 06 05:52:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	244909	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1045315	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	514501	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	848567	20.00	ng	0.00
75) Chrysene-d12	14.20	240	632905	20.00	ng	0.00
86) Perylene-d12	15.70	264	433665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	2352112	143.34	ng	0.02
7) Phenol-d6	6.63	99	2901107	134.98	ng	0.01
23) Nitrobenzene-d5	7.57	82	2049649	95.38	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	766092	183.12	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3210713	103.97	ng	0.00
78) Terphenyl-d14	13.14	244	2720140	96.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	309115	38.21	ng	# 94
3) Pyridine	3.57	79	975877	43.27	ng	# 84
4) n-Nitrosodimethylamine	3.53	42	431635	46.38	ng	# 62
6) Aniline	6.67	93	809539	27.27	ng	98
8) 2-Chlorophenol	6.79	128	855168	47.36	ng	88
9) Benzaldehyde	6.54	77	355108	32.69	ng	87
10) Phenol	6.65	94	1308770	52.38	ng	96
11) bis(2-Chloroethyl)ether	6.74	93	855974	44.74	ng	92
12) 1,3-Dichlorobenzene	7.02	146	901126	50.06	ng	97
13) 1,4-Dichlorobenzene	7.02	146	901126	49.29	ng	97
14) 1,2-Dichlorobenzene	7.17	146	760483	43.17	ng	95
15) Benzyl Alcohol	7.14	79	858115	52.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1473679	45.42	ng	91
17) 2-Methylphenol	7.25	107	702129	47.28	ng	98
18) Hexachloroethane	7.51	117	337862	46.87	ng	# 88
19) n-Nitroso-di-n-propylamine	7.42	70	788865	50.05	ng	# 81
20) 3+4-Methylphenols	7.41	107	965074	50.20	ng	# 76
22) Acetophenone	7.41	105	1177552	47.56	ng	# 99
24) Nitrobenzene	7.58	77	931938	43.68	ng	96
25) Isophorone	7.83	82	1877343	47.78	ng	98
26) 2-Nitrophenol	7.90	139	427422	46.55	ng	# 77
27) 2,4-Dimethylphenol	7.94	122	770425	43.14	ng	94
28) bis(2-Chloroethoxy)methane	8.04	93	1210322	52.09	ng	98
29) 2,4-Dichlorophenol	8.14	162	607967	44.78	ng	87
30) 1,2,4-Trichlorobenzene	8.23	180	704331	50.34	ng	99
31) Naphthalene	8.31	128	2321444	46.03	ng	99
32) Benzoic acid	8.06	122	559725	45.09	ng	93
33) 4-Chloroaniline	8.36	127	250680	12.03	ng	# 91
34) Hexachlorobutadiene	8.44	225	359172	45.94	ng	98
35) Caprolactam	8.78	113	99510	21.80	ng	95
36) 4-Chloro-3-methylphenol	8.84	107	732889	43.11	ng	95
37) 2-Methylnaphthalene	9.01	142	1632949	53.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	629434	46.40	ng	# 98
40) Hexachlorocyclopentadiene	9.17	237	848707	114.14	ng	98

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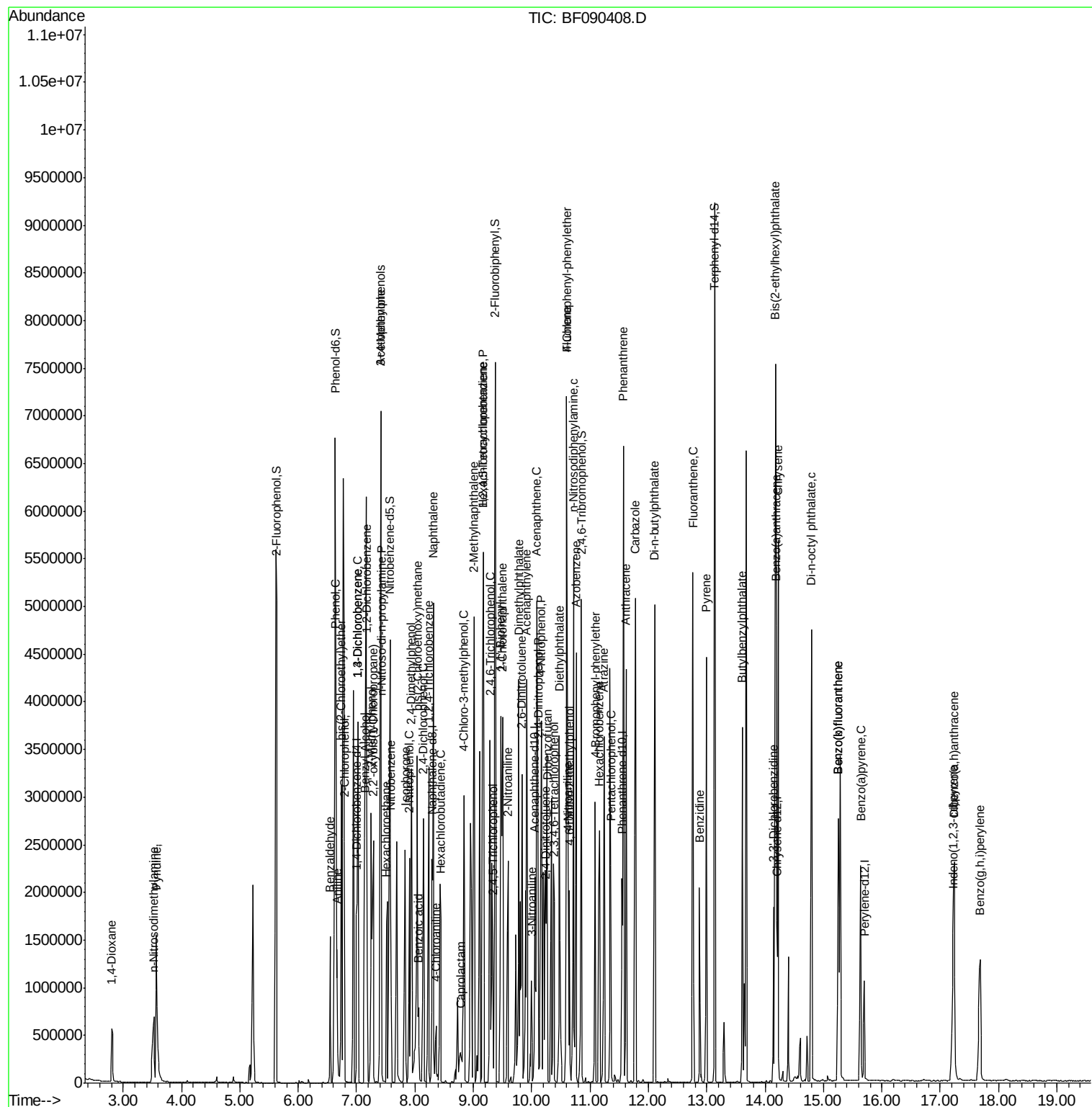
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	514013	54.91	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	410680	46.40	ng	# 86
45) 1,1'-Biphenyl	9.47	154	1808693	47.44	ng	93
46) 2-Chloronaphthalene	9.50	162	1507610	53.52	ng	96
47) 2-Nitroaniline	9.59	65	593686	53.41	ng	85
48) Acenaphthylene	9.91	152	2126162	45.75	ng	99
49) Dimethylphthalate	9.78	163	1697513	51.52	ng	99
50) 2,6-Dinitrotoluene	9.83	165	386094	52.78	ng	92
51) Acenaphthene	10.09	154	1508891	52.07	ng	99
52) 3-Nitroaniline	9.99	138	185009	21.65	ng	82
53) 2,4-Dinitrophenol	10.11	184	389697	119.48	ng	# 84
54) Dibenzofuran	10.27	168	2025716	54.00	ng	96
55) 4-Nitrophenol	10.17	139	769799	102.95	ng	95
56) 2,4-Dinitrotoluene	10.25	165	513952	52.79	ng	96
57) Fluorene	10.60	166	1651054	52.37	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	371374	56.18	ng	# 85
59) Diethylphthalate	10.47	149	1646656	48.30	ng	# 92
60) 4-Chlorophenyl-phenylether	10.60	204	819761	57.19	ng	# 87
61) 4-Nitroaniline	10.62	138	416232	48.34	ng	95
62) Azobenzene	10.76	77	2284031	58.00	ng	90
64) 4,6-Dinitro-2-methylphenol	10.65	198	221276	39.69	ng	88
65) n-Nitrosodiphenylamine	10.71	169	1311826	46.13	ng	97
66) 4-Bromophenyl-phenylether	11.09	248	486645	58.51	ng	# 89
67) Hexachlorobenzene	11.16	284	491965	53.11	ng	# 89
68) Atrazine	11.24	200	367691	52.44	ng	98
69) Pentachlorophenol	11.35	266	597070	108.28	ng	98
70) Phenanthrene	11.57	178	2233959	51.41	ng	100
71) Anthracene	11.62	178	2267146	51.09	ng	99
72) Carbazole	11.78	167	2270237	55.07	ng	99
73) Di-n-butylphthalate	12.11	149	2698630	53.79	ng	99
74) Fluoranthene	12.76	202	1986698	46.61	ng	97
76) Benzidine	12.87	184	807476	48.52	ng	98
77) Pyrene	12.99	202	2151717	50.99	ng	99
79) Butylbenzylphthalate	13.61	149	1117089	51.59	ng	# 70
80) Benzo(a)anthracene	14.19	228	1884391	53.07	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	321195	24.95	ng	# 97
82) Chrysene	14.22	228	1692479	51.79	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1590178	51.66	ng	# 96
84) Di-n-octyl phthalate	14.80	149	2327943	51.02	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1360741	58.40	ng	# 94
87) Benzo(b)fluoranthene	15.25	252	1621248	58.69	ng	# 94
88) Benzo(k)fluoranthene	15.25	252	1621248	62.48	ng	97
89) Benzo(a)pyrene	15.64	252	1322171	55.53	ng	99
90) Dibenzo(a,h)anthracene	17.24	278	1166901	57.61	ng	# 93
91) Benzo(g,h,i)perylene	17.69	276	1097380	56.45	ng	97

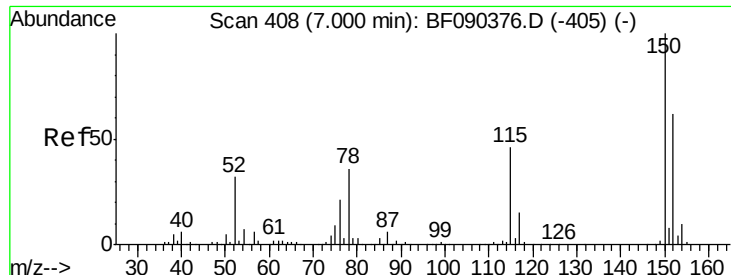
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

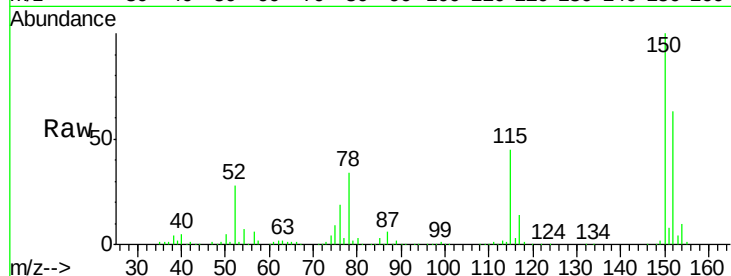
Tgt Ion:152 Resp: 244909

Ion Ratio Lower Upper

152 100

150 157.8 124.6 186.8

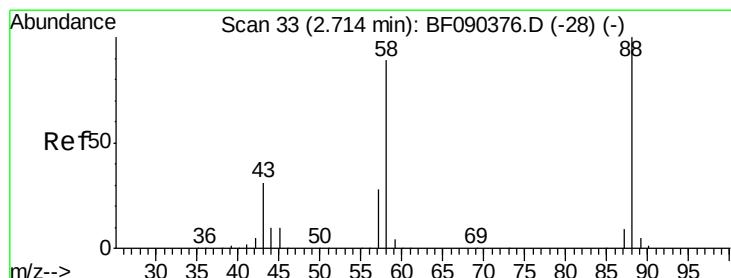
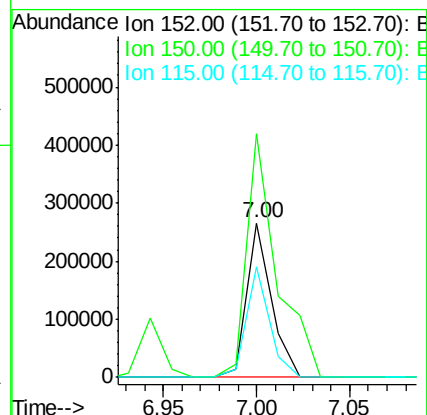
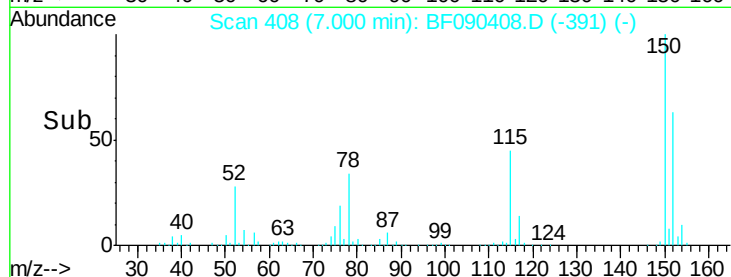
115 71.2 46.2 69.4#



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: 38.21 ng

RT: 2.81 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

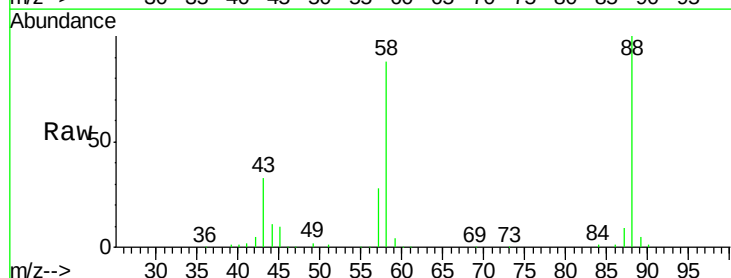
Tgt Ion: 88 Resp: 309115

Ion Ratio Lower Upper

88 100

58 85.4 71.2 106.8

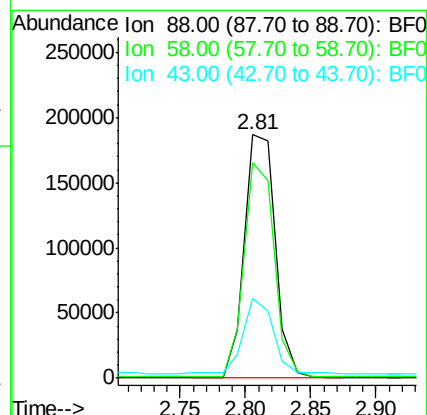
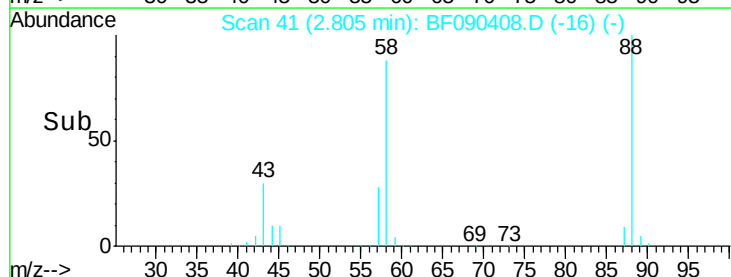
43 29.7 29.8 44.6#

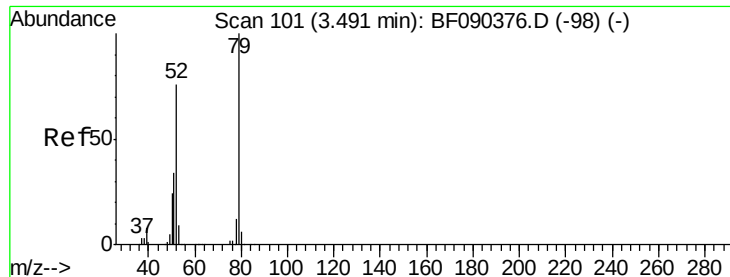


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.27 ng

RT: 3.57 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF090408.D

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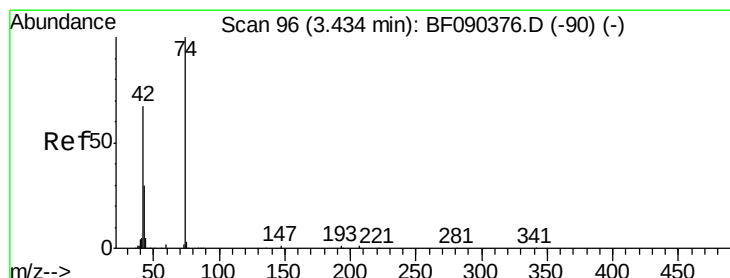
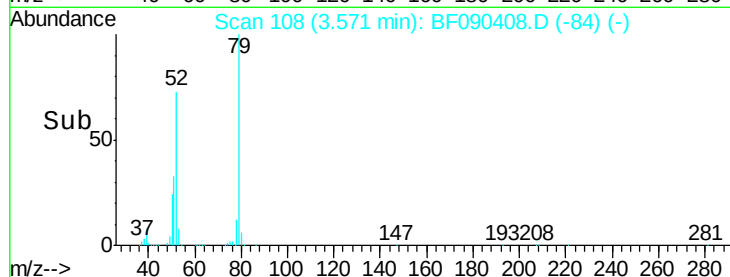
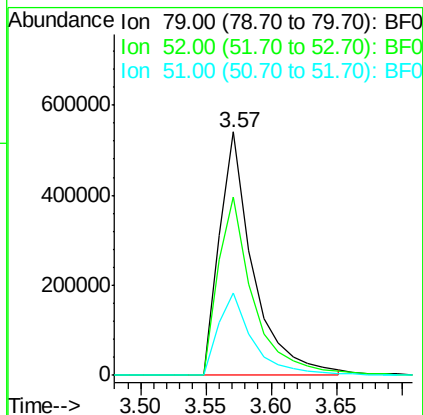
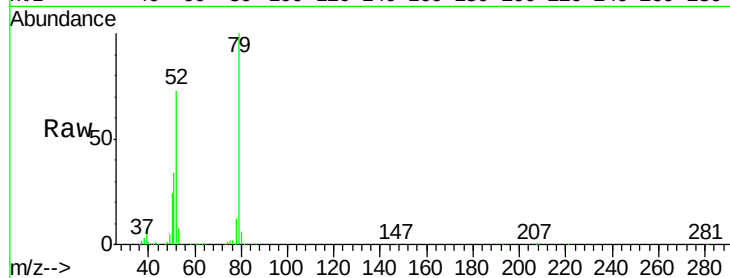
Tgt Ion: 79 Resp: 975877

Ion Ratio Lower Upper

79 100

52 73.5 71.3 106.9

51 33.6 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 46.38 ng

RT: 3.53 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

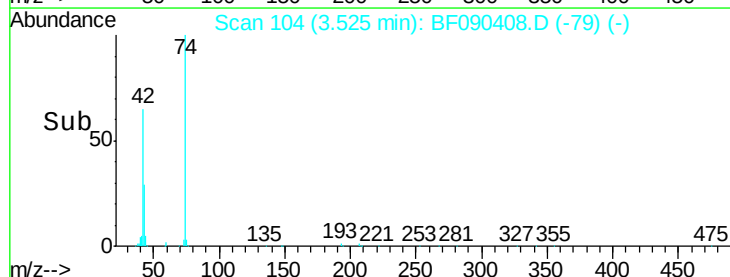
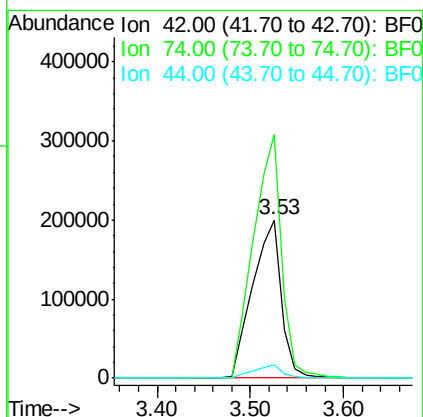
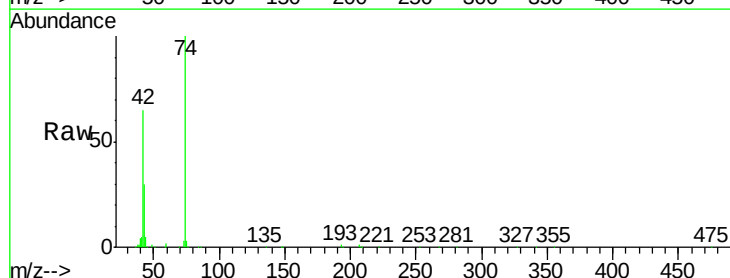
Tgt Ion: 42 Resp: 431635

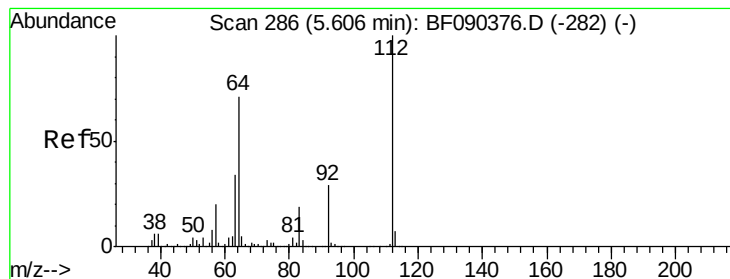
Ion Ratio Lower Upper

42 100

74 154.0 88.9 133.3#

44 8.1 6.5 9.7





#5

2-Fluorophenol

Concen: 143.34 ng

RT: 5.63 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

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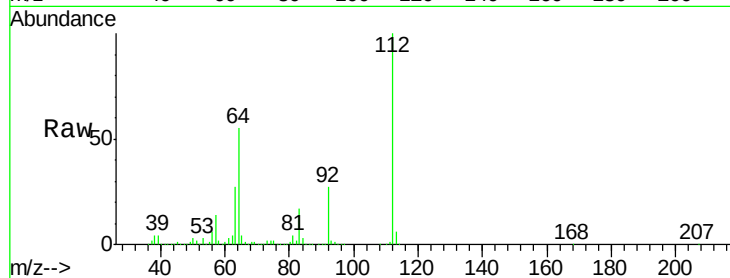
Tgt Ion:112 Resp: 2352112

Ion Ratio Lower Upper

112 100

64 55.1 57.9 86.9#

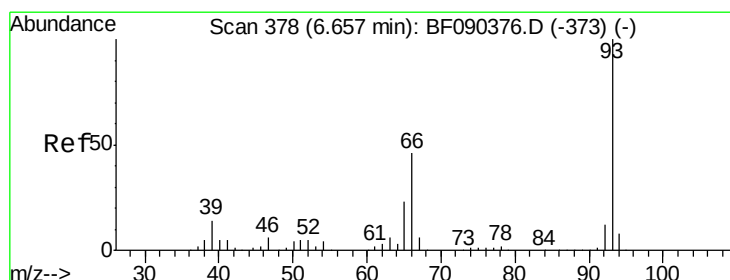
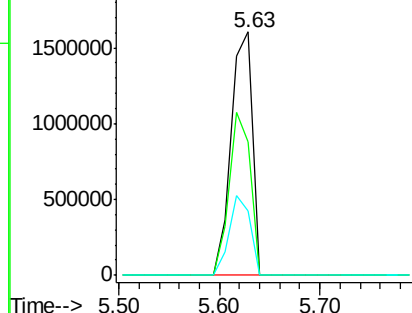
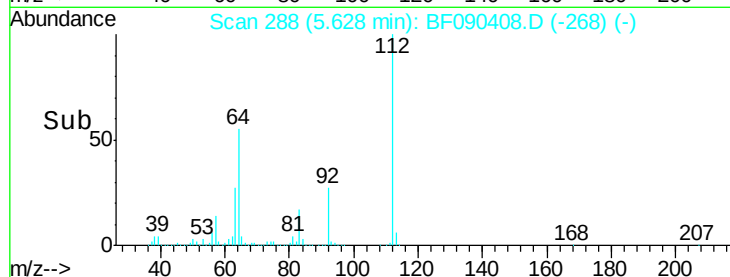
63 26.5 29.6 44.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.27 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

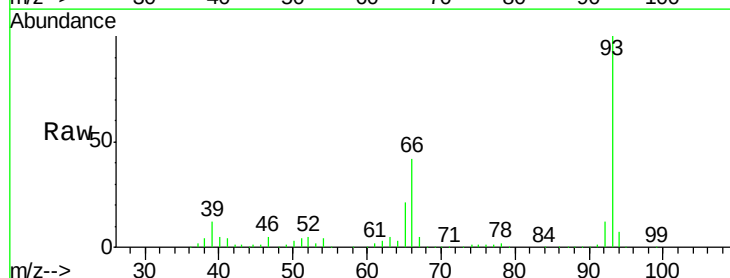
Tgt Ion: 93 Resp: 809539

Ion Ratio Lower Upper

93 100

66 42.0 34.5 51.7

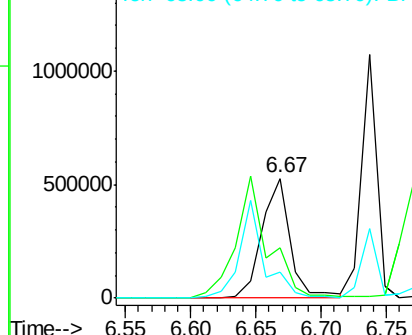
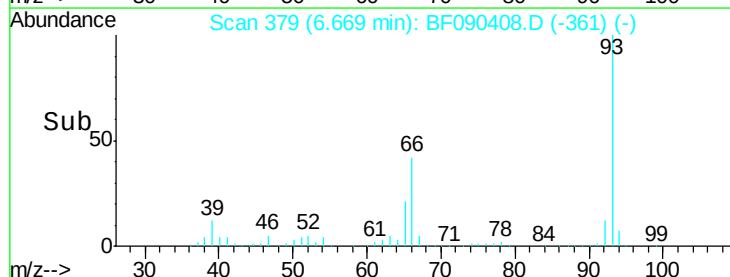
65 21.3 18.2 27.2

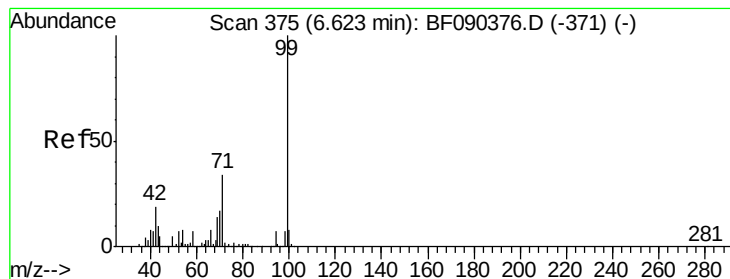


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.98 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090408.D

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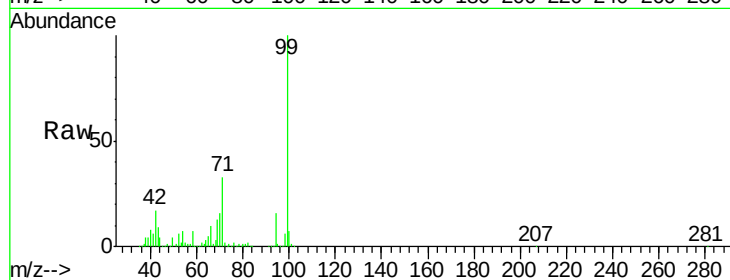
Tgt Ion: 99 Resp: 2901107

Ion Ratio Lower Upper

99 100

42 16.7 20.0 30.0#

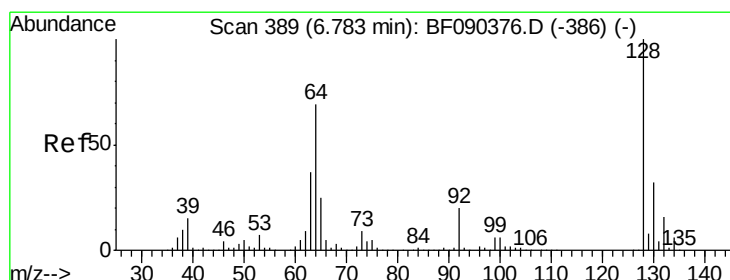
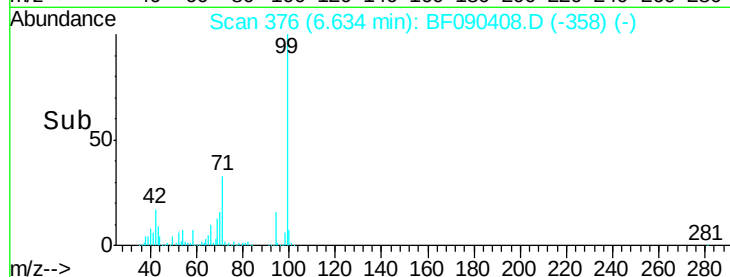
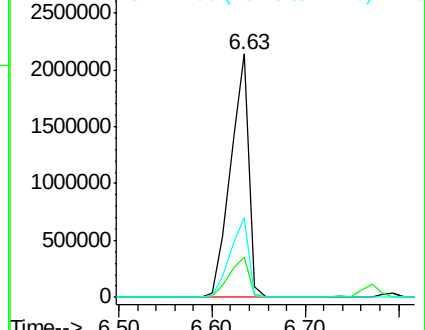
71 33.0 27.9 41.9



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: 47.36 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

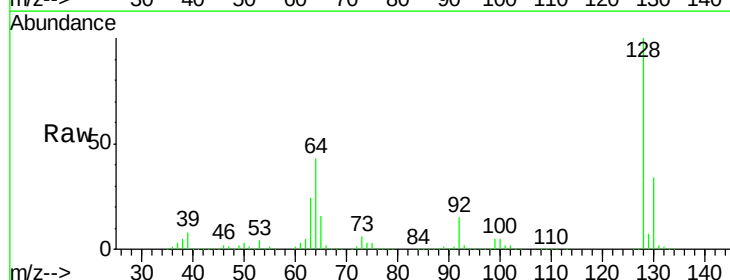
Tgt Ion:128 Resp: 855168

Ion Ratio Lower Upper

128 100

130 34.1 13.3 53.3

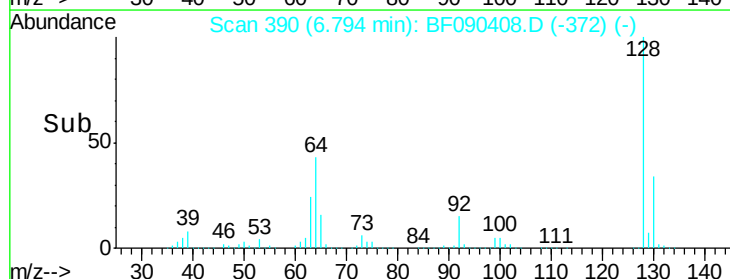
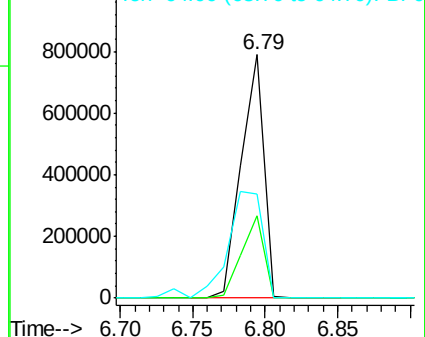
64 42.8 36.0 76.0

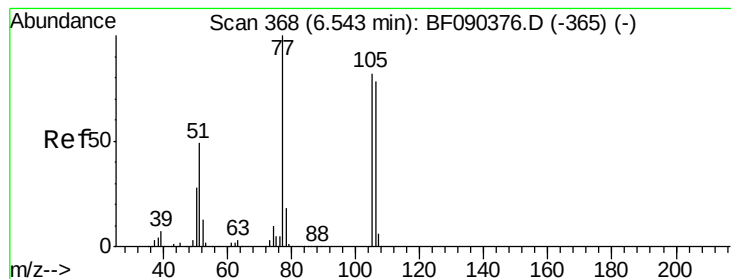


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.69 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

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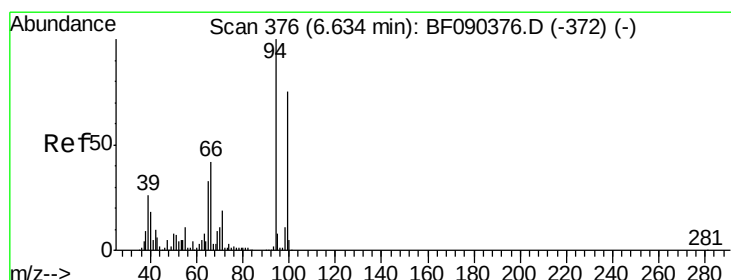
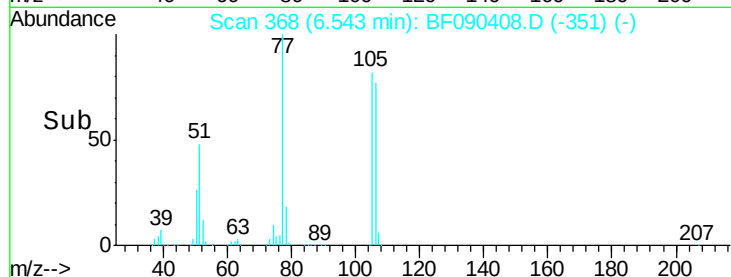
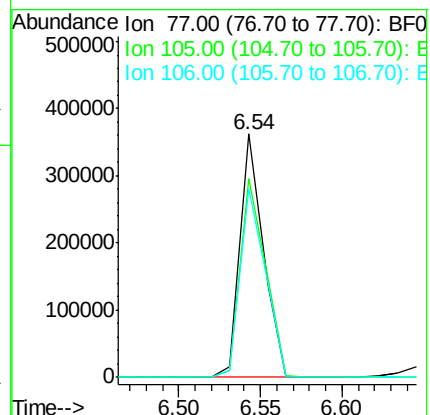
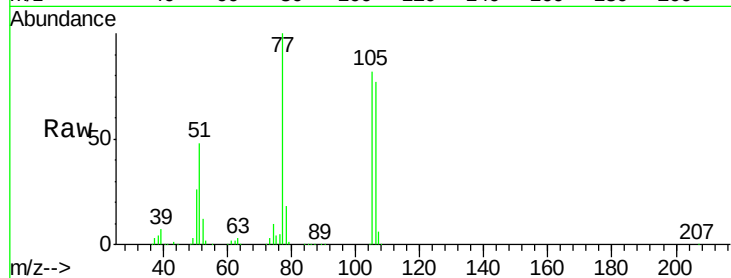
Tgt Ion: 77 Resp: 355108

Ion Ratio Lower Upper

77 100

105 81.8 73.1 113.1

106 77.5 70.2 110.2



#10

Phenol

Concen: 52.38 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

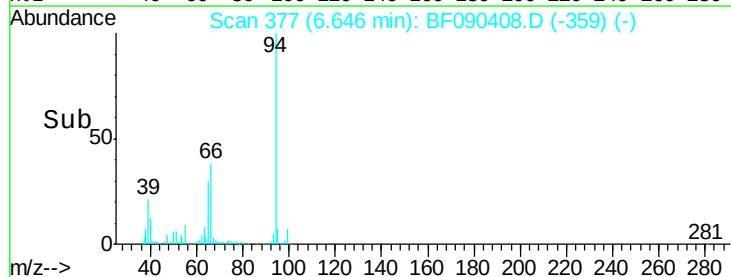
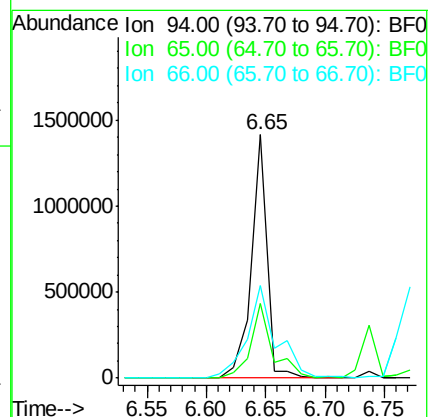
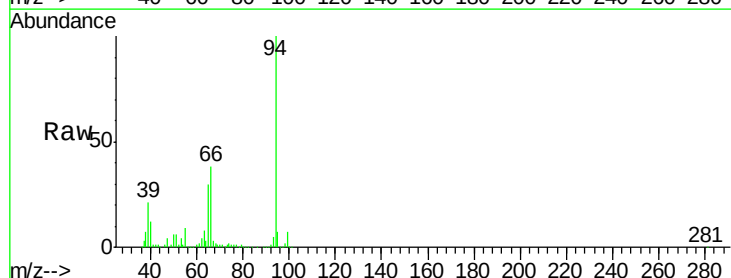
Tgt Ion: 94 Resp: 1308770

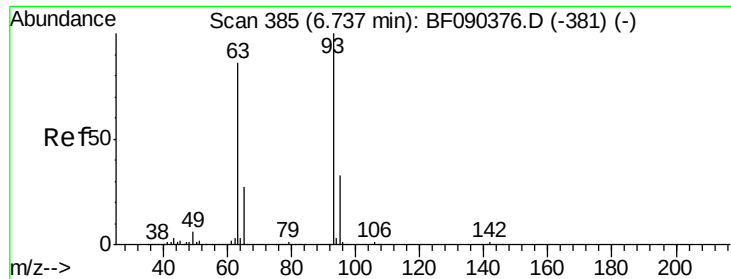
Ion Ratio Lower Upper

94 100

65 30.5 13.3 53.3

66 38.0 20.4 60.4

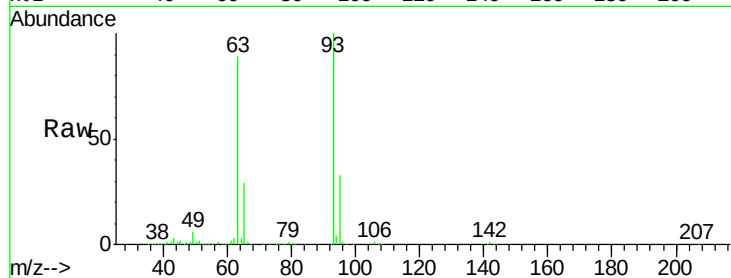




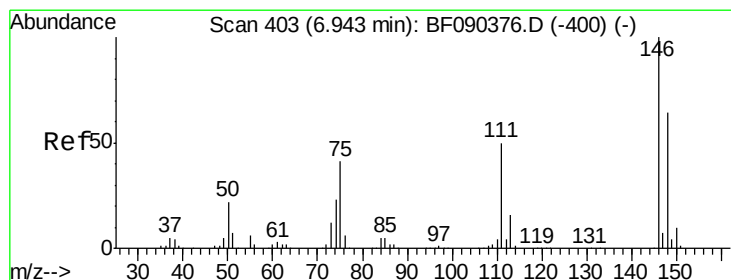
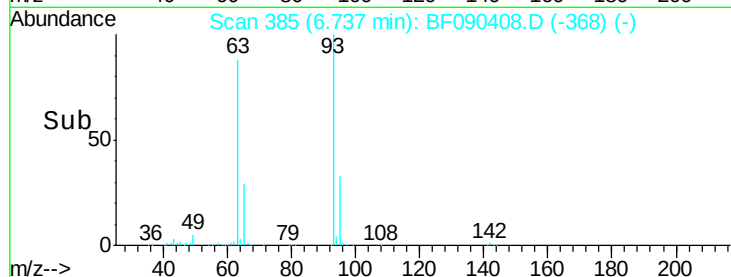
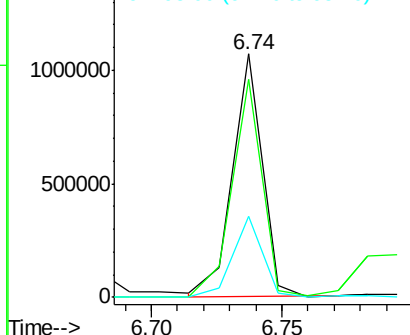
#11
bis(2-Chloroethyl)ether
Concen: 44.74 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tgt Ion: 93 Resp: 855974
Ion Ratio Lower Upper
93 100
63 89.3 59.7 99.7
95 33.3 14.0 54.0

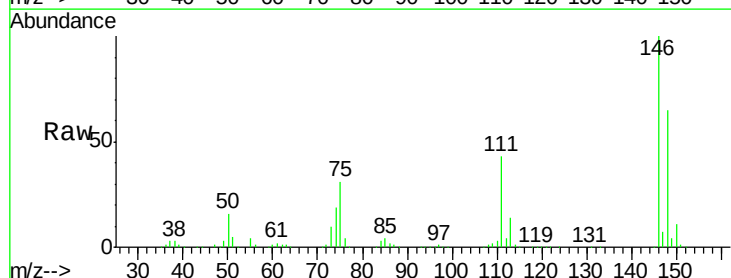


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

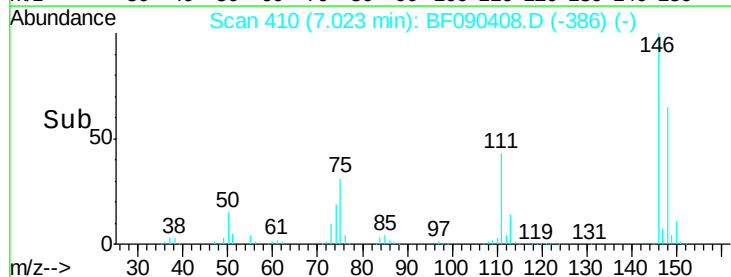
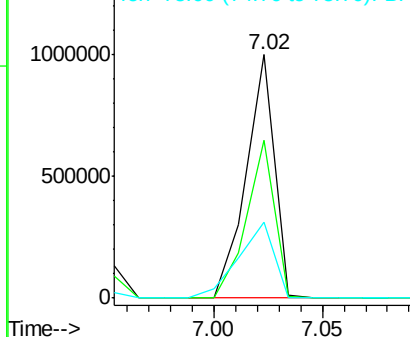


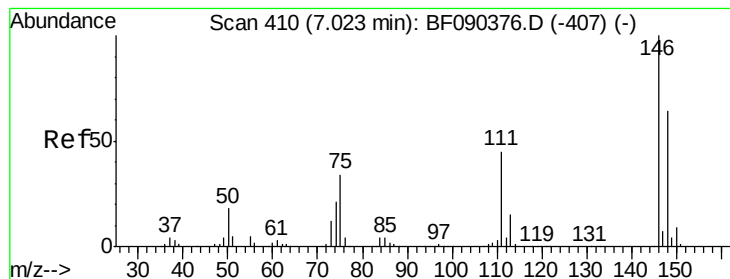
#12
1,3-Dichlorobenzene
Concen: 50.06 ng
RT: 7.02 min Scan# 410
Delta R.T. 0.08 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion: 146 Resp: 901126
Ion Ratio Lower Upper
146 100
148 64.8 52.2 78.4
75 31.4 21.4 32.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 49.29 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

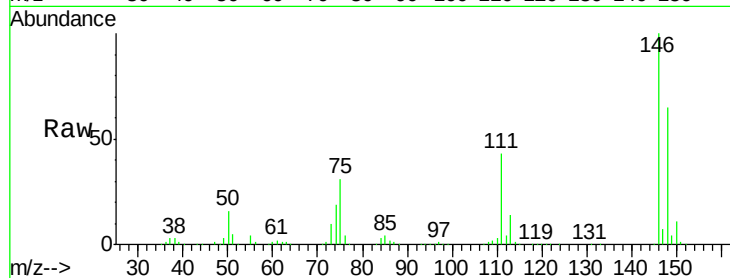
Tgt Ion:146 Resp: 901126

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

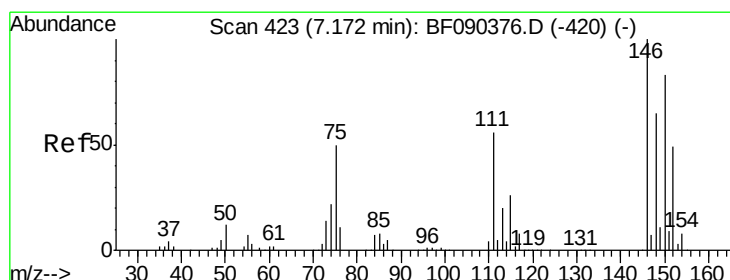
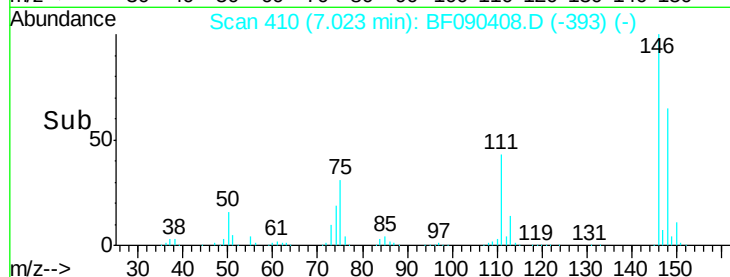
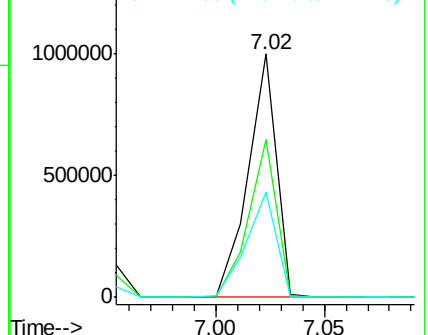
111 43.5 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.17 ng

RT: 7.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

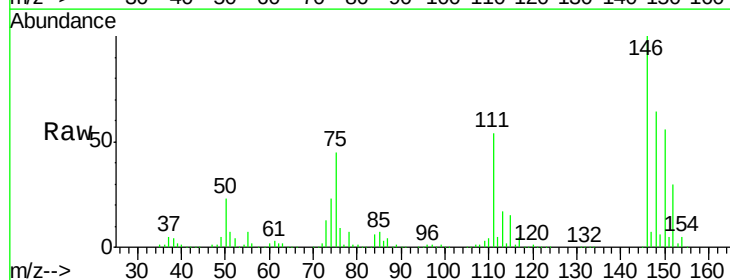
Tgt Ion:146 Resp: 760483

Ion Ratio Lower Upper

146 100

148 63.9 52.3 78.5

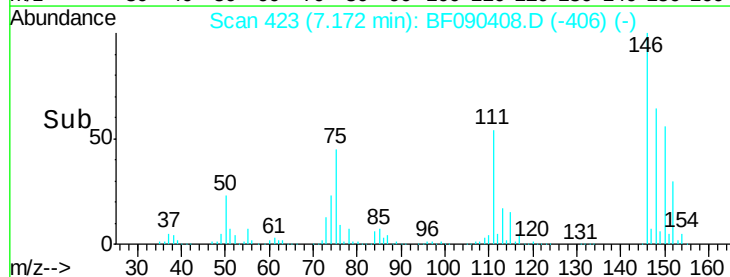
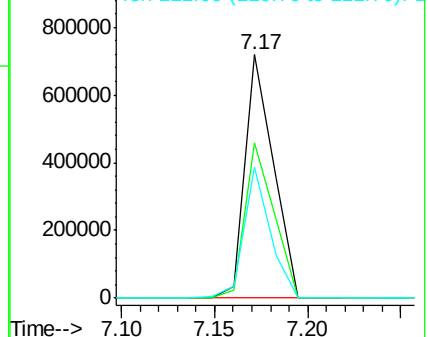
111 53.5 38.2 57.4

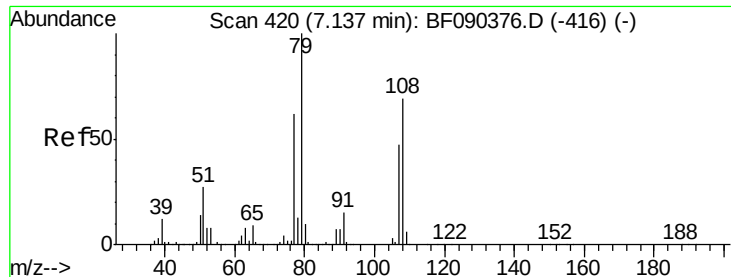


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

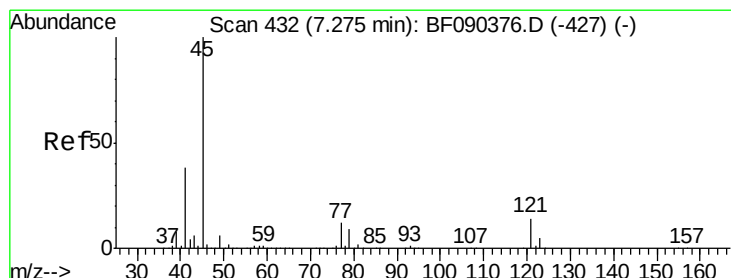
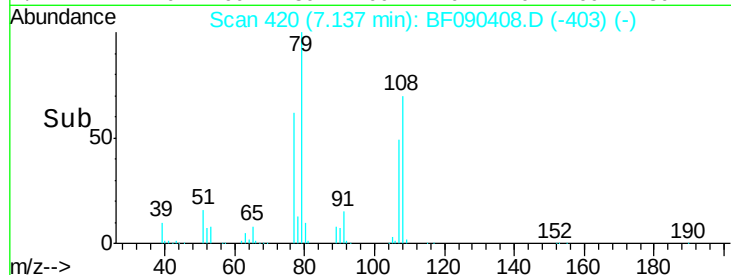
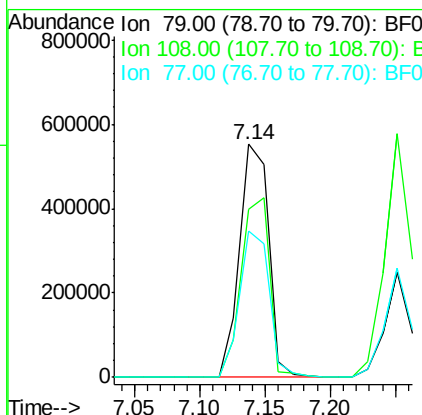
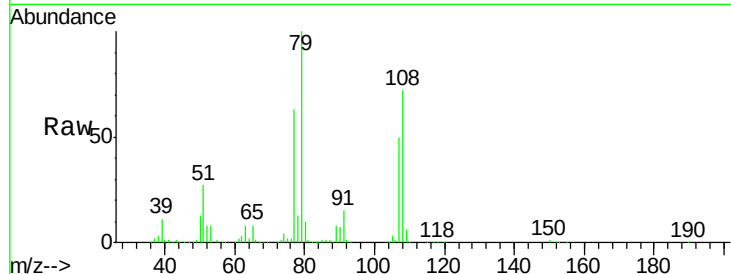




#15
Benzyl Alcohol
Concen: 52.52 ng
RT: 7.14 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

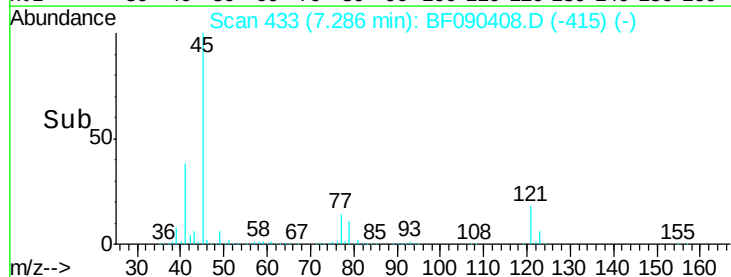
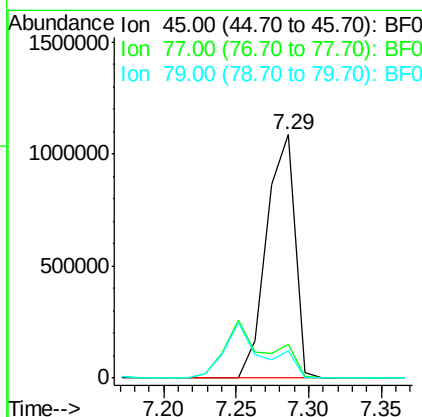
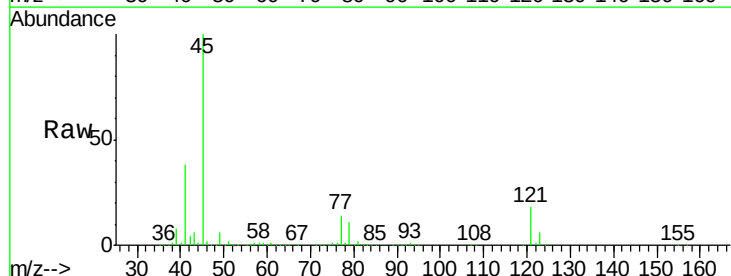
Instrument :
BNA_F
ClientSampleId :
PB93791BS

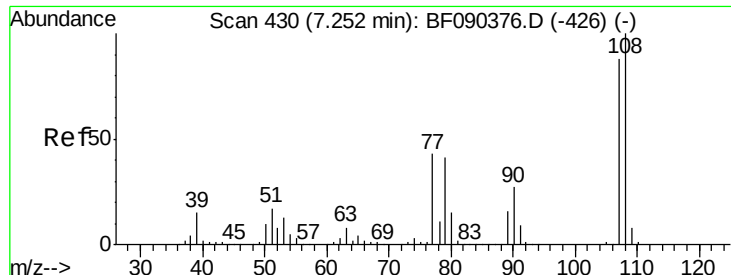
Tgt Ion: 79 Resp: 858115
Ion Ratio Lower Upper
79 100
108 71.9 60.9 91.3
77 62.9 51.5 77.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.42 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion: 45 Resp: 1473679
Ion Ratio Lower Upper
45 100
77 14.0 0.0 30.8
79 11.4 0.0 28.2





#17

2-Methylphenol

Concen: 47.28 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tgt Ion:107 Resp: 702129

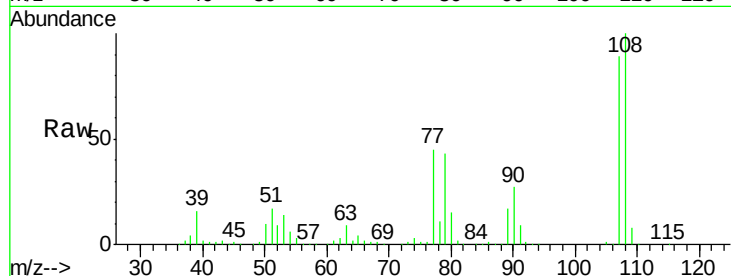
Ion Ratio Lower Upper

107 100

108 111.9 90.9 136.3

77 50.3 38.2 57.4

79 48.2 37.0 55.4

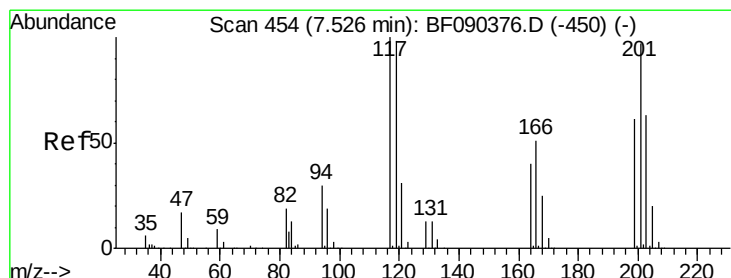
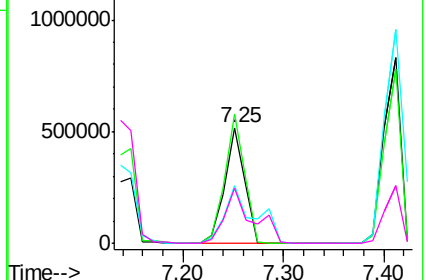
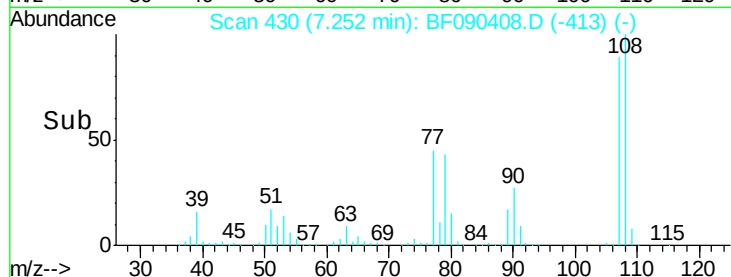


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.87 ng

RT: 7.51 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

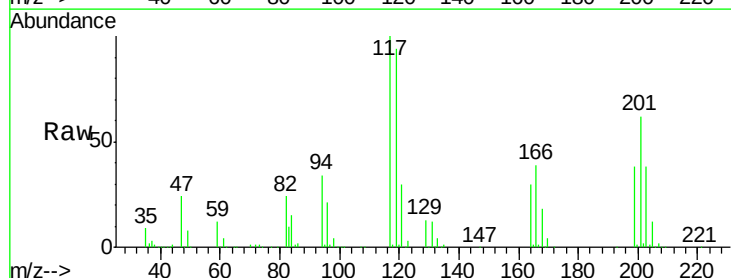
Tgt Ion:117 Resp: 337862

Ion Ratio Lower Upper

117 100

119 93.8 75.9 113.9

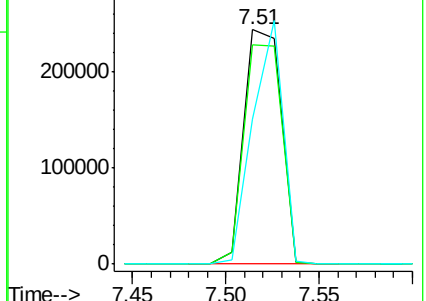
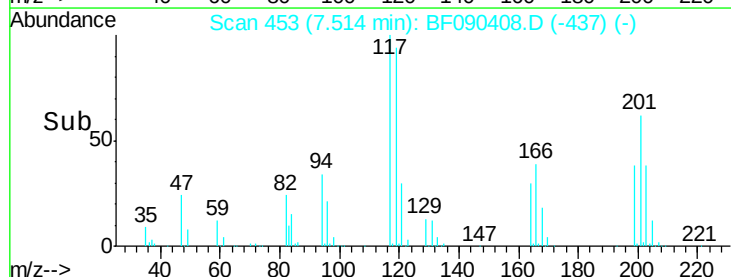
201 61.8 66.5 99.7#

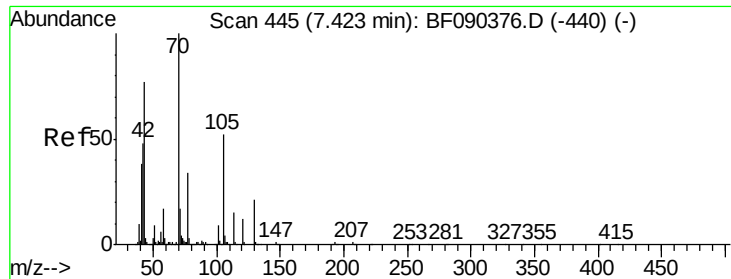


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

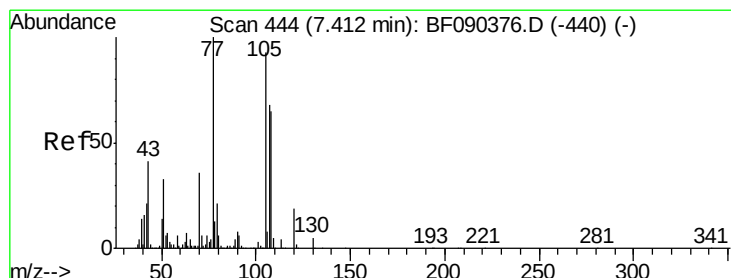
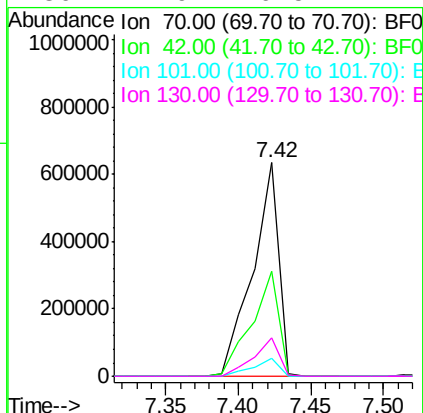
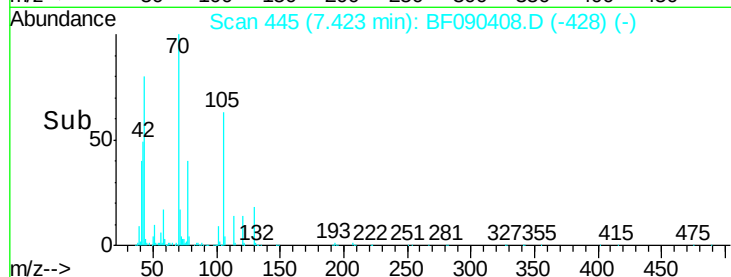
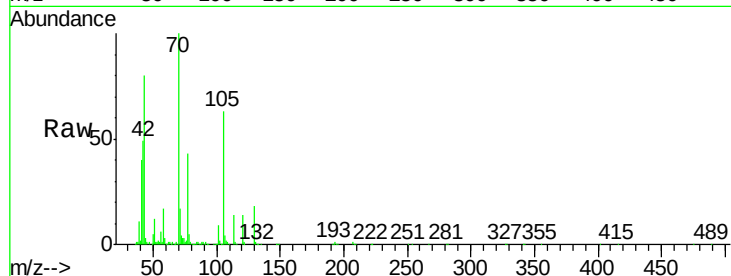




#19
n-Nitroso-di-n-propylamine
Concen: 50.05 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

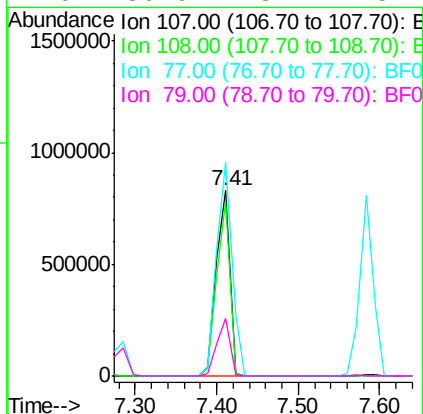
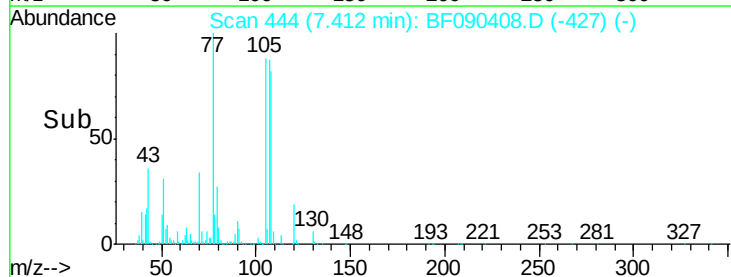
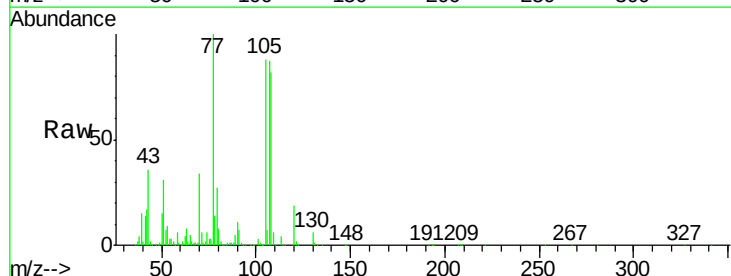
Instrument :
BNA_F
ClientSampleId :
PB93791BS

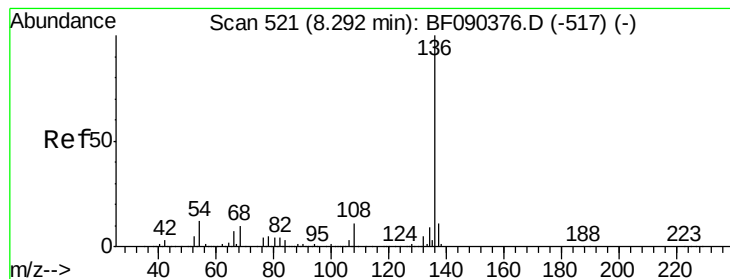
Tgt Ion:	70	Resp:	788865
Ion	Ratio	Lower	Upper
70	100		
42	49.0	55.4	83.2#
101	8.6	7.6	11.4
130	17.9	16.5	24.7



#20
3+4-Methylphenols
Concen: 50.20 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:	107	Resp:	965074
Ion	Ratio	Lower	Upper
107	100		
108	94.2	66.7	106.7
77	115.2	53.7	93.7#
79	30.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tgt Ion:136 Resp: 1045315

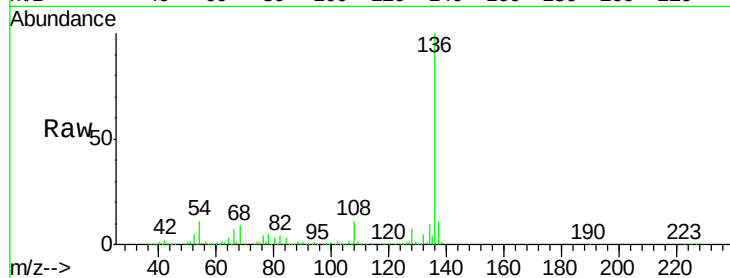
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.7 6.6 10.0#

68 9.1 5.0 7.6#

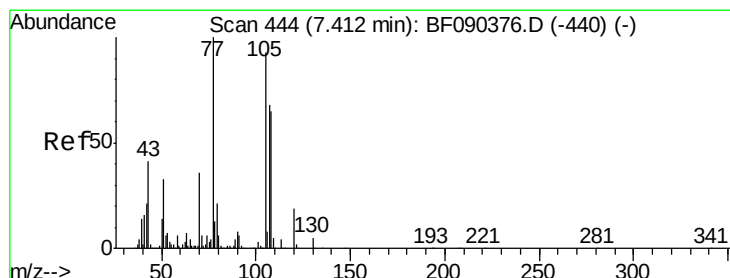
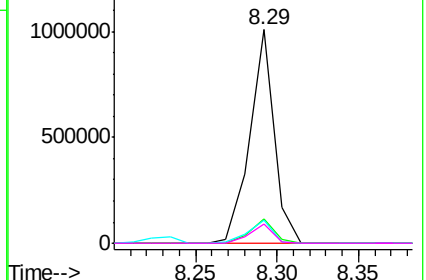
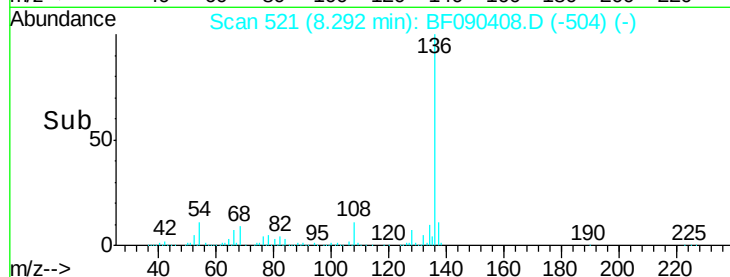


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.56 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion:105 Resp: 1177552

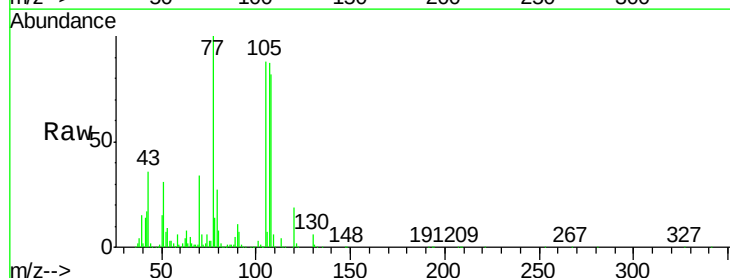
Ion Ratio Lower Upper

105 100

71 6.5 3.8 5.6#

51 35.6 28.2 42.4

120 21.3 17.4 26.2

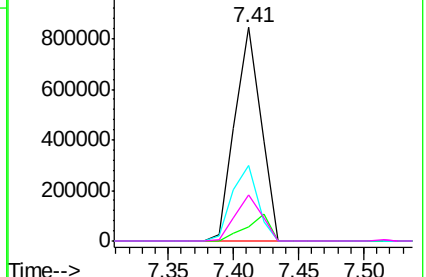
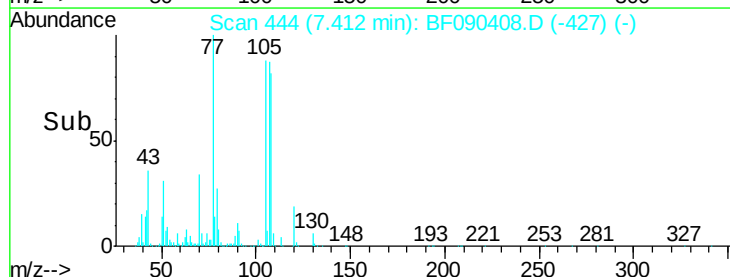


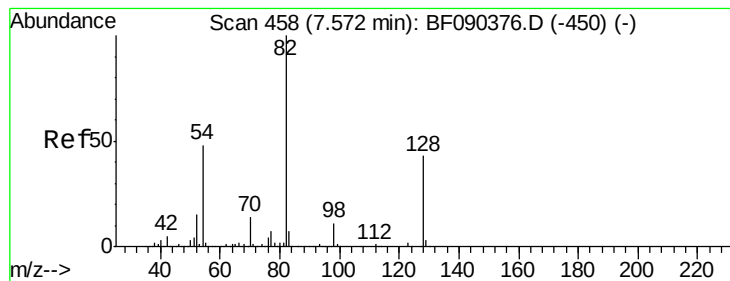
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 95.38 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

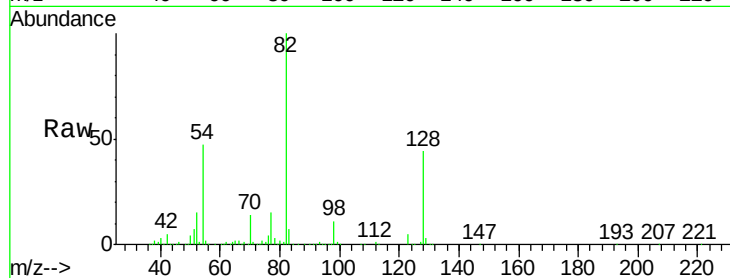
Tgt Ion: 82 Resp: 2049649

Ion Ratio Lower Upper

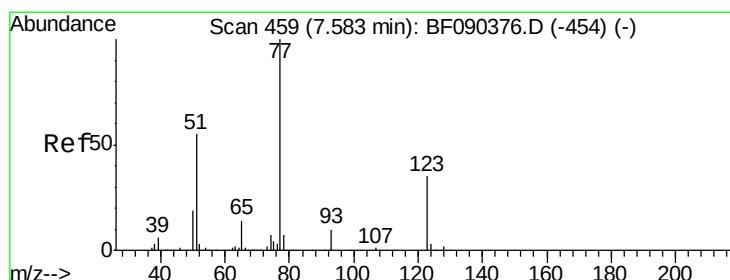
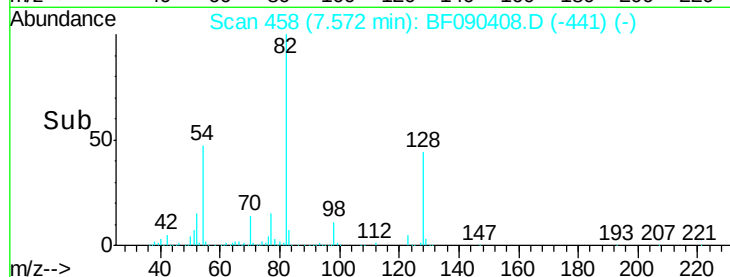
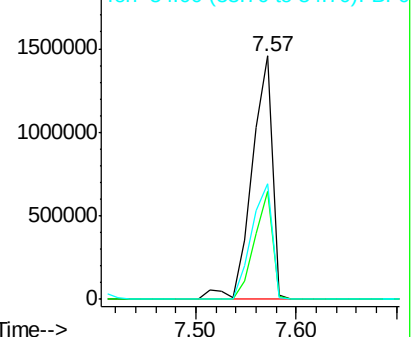
82 100

128 44.1 40.0 60.0

54 47.4 42.6 64.0



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



#24

Nitrobenzene

Concen: 43.68 ng

RT: 7.58 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

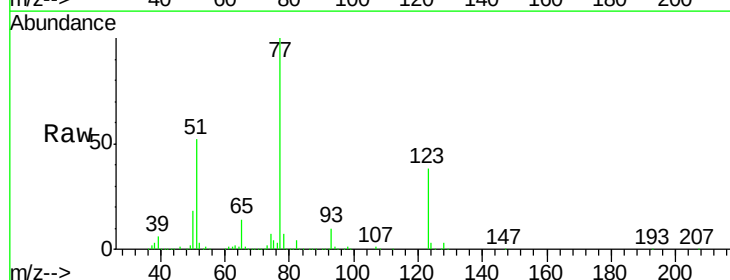
Tgt Ion: 77 Resp: 931938

Ion Ratio Lower Upper

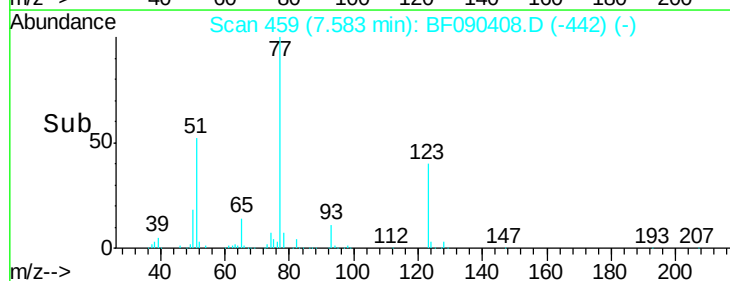
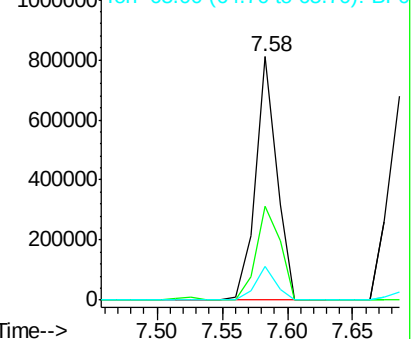
77 100

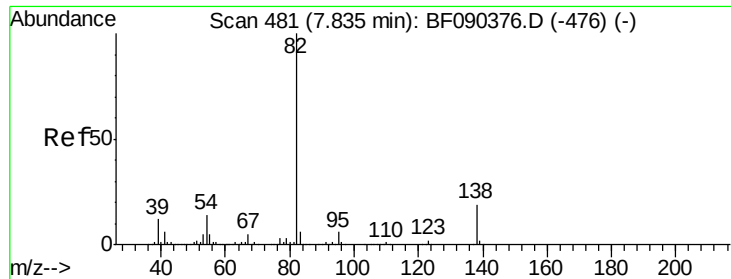
123 38.4 33.0 49.4

65 13.9 12.0 18.0



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





#25

Isophorone

Concen: 47.78 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

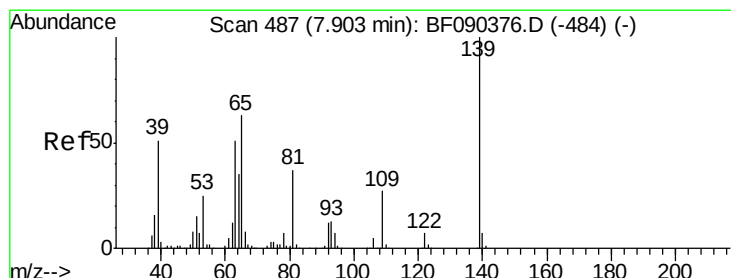
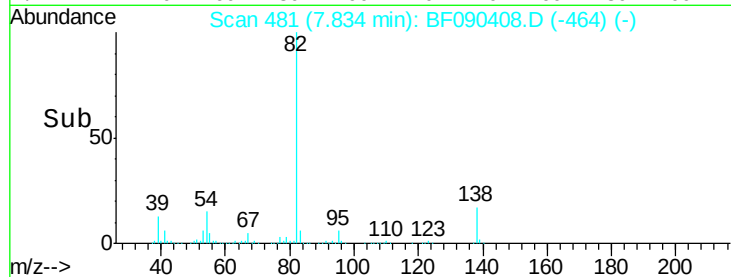
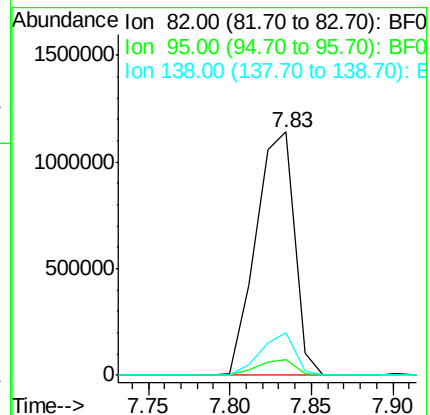
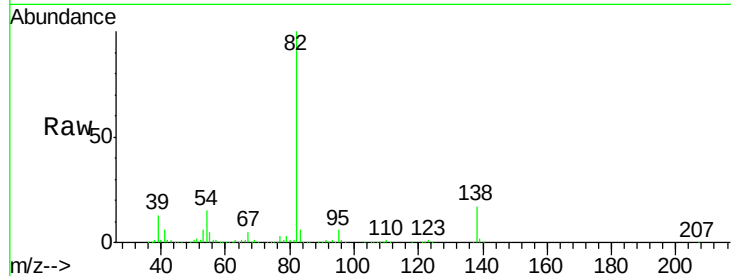
Tgt Ion: 82 Resp: 1877343

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.4 13.0 19.4



#26

2-Nitrophenol

Concen: 46.55 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

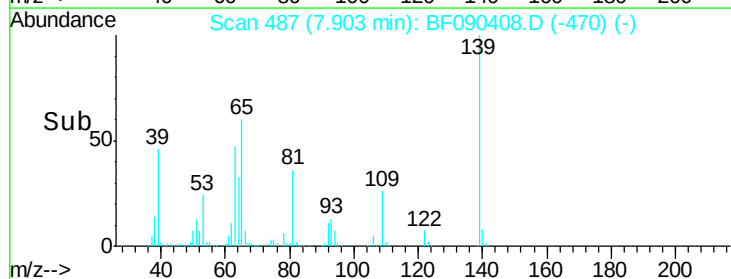
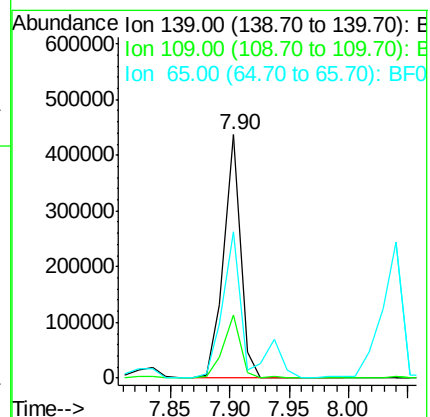
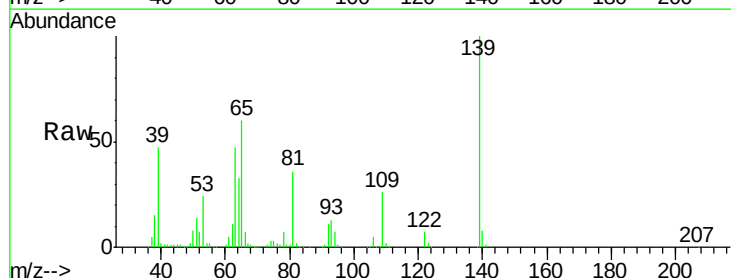
Tgt Ion: 139 Resp: 427422

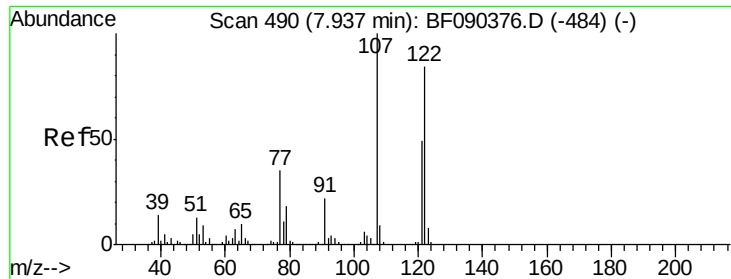
Ion Ratio Lower Upper

139 100

109 26.0 18.9 28.3

65 60.3 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 43.14 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

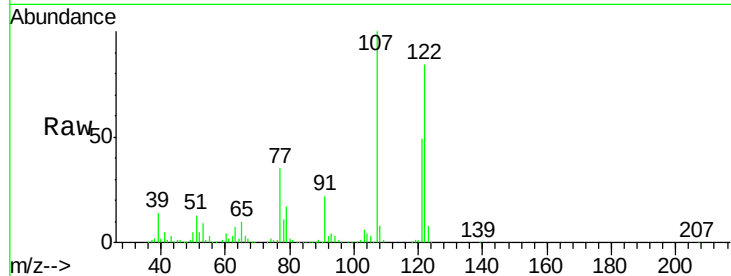
Tgt Ion:122 Resp: 770425

Ion Ratio Lower Upper

122 100

107 119.3 88.6 132.8

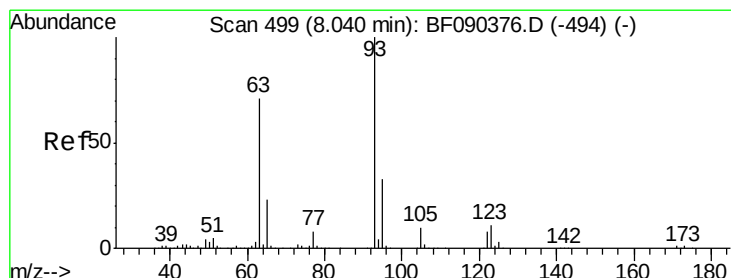
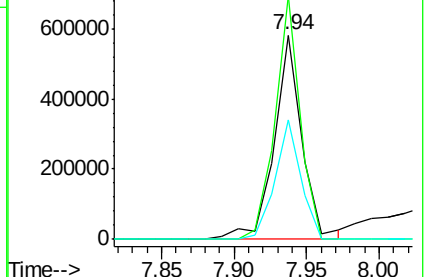
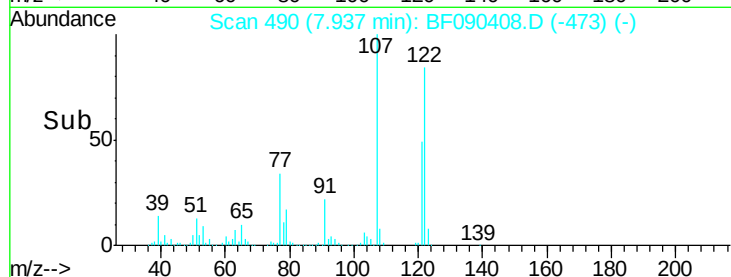
121 58.6 47.5 71.3



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: 52.09 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

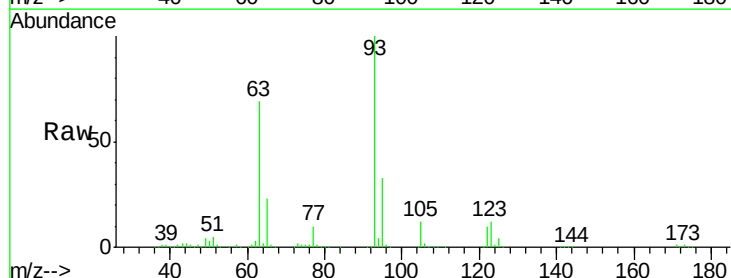
Tgt Ion: 93 Resp: 1210322

Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.4

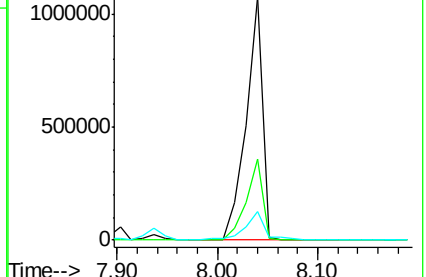
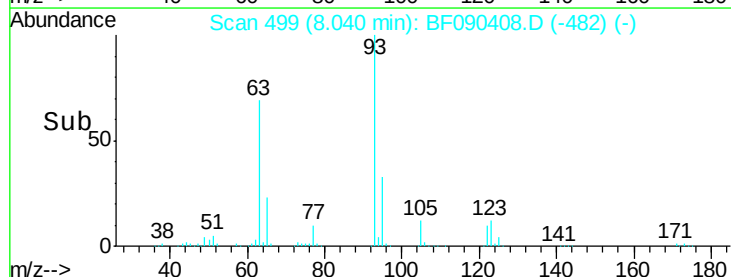
123 11.8 11.1 16.7

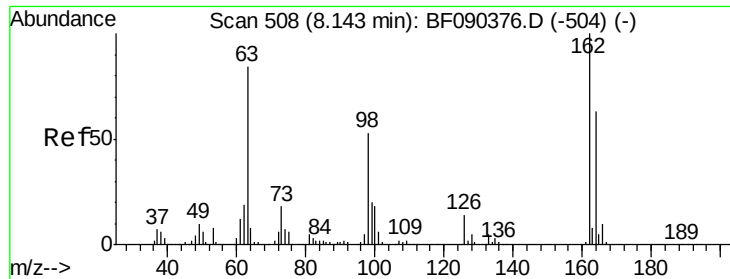


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

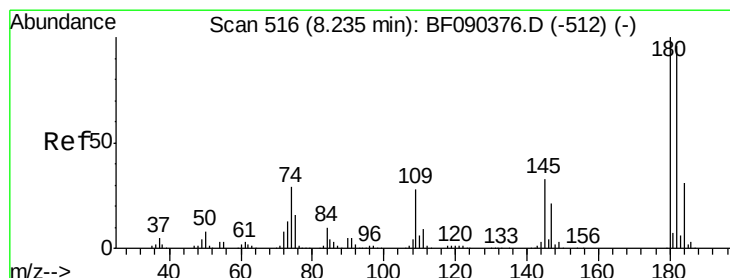
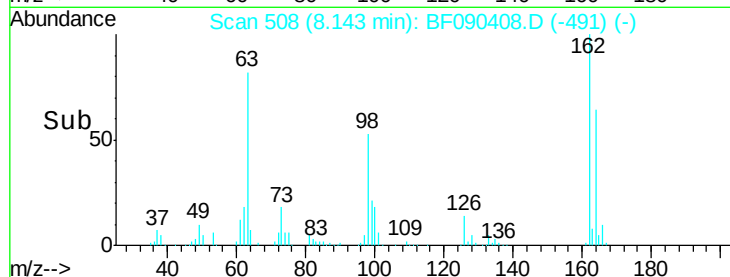
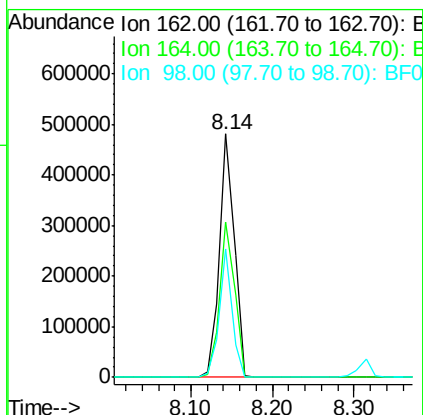
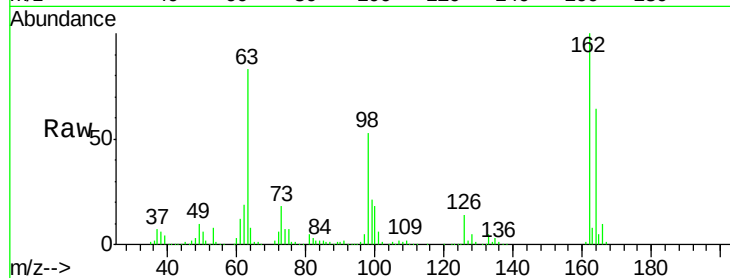




#29
 2,4-Dichlorophenol
 Concen: 44.78 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

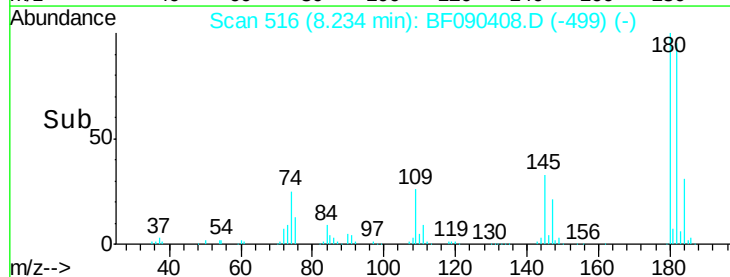
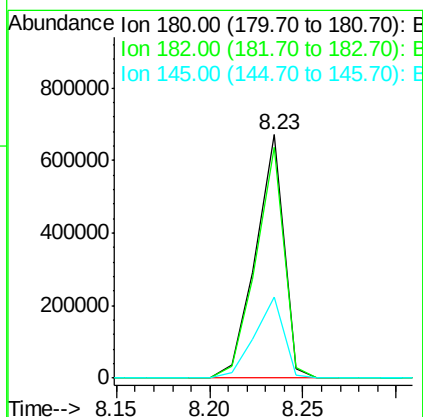
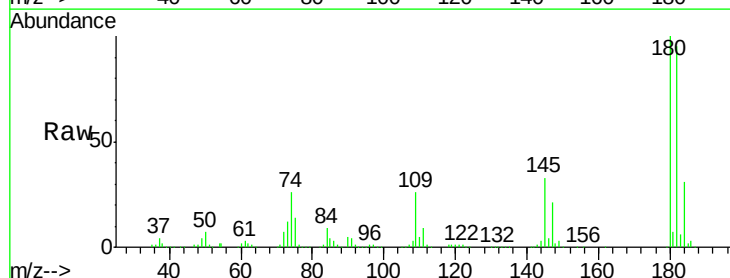
Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

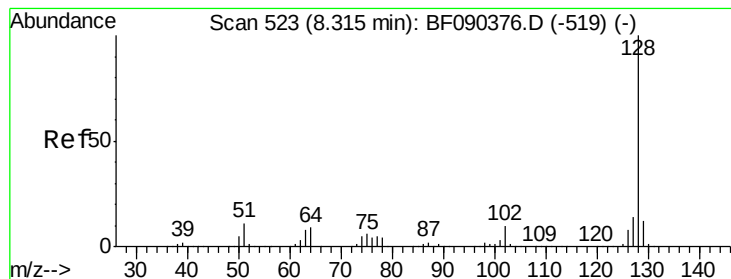
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.7	85.7
98	52.9	13.3	53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 50.34 ng
 RT: 8.23 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.3	112.9
145	33.1	27.7	41.5





#31

Naphthalene

Concen: 46.03 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

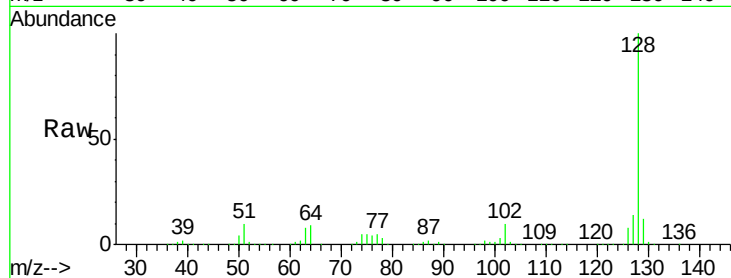
Tgt Ion:128 Resp: 2321444

Ion Ratio Lower Upper

128 100

129 12.2 9.7 14.5

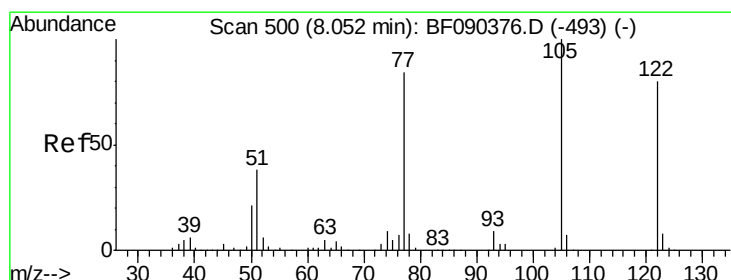
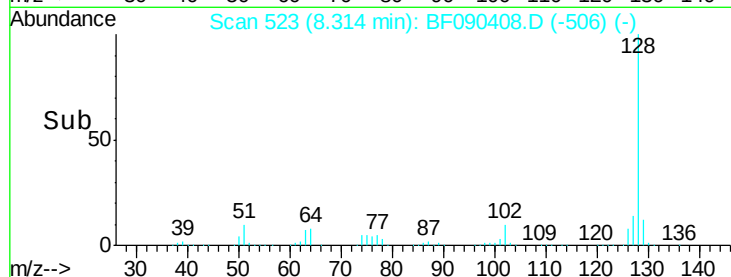
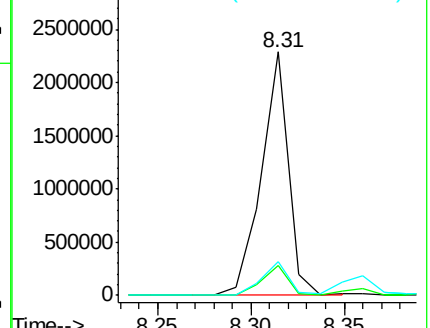
127 14.0 11.7 17.5



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: 45.09 ng

RT: 8.06 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

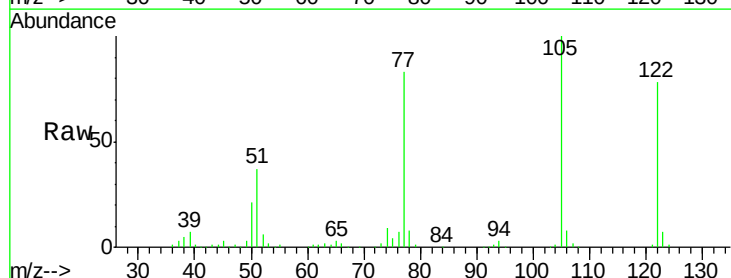
Tgt Ion:122 Resp: 559725

Ion Ratio Lower Upper

122 100

105 127.6 103.9 143.9

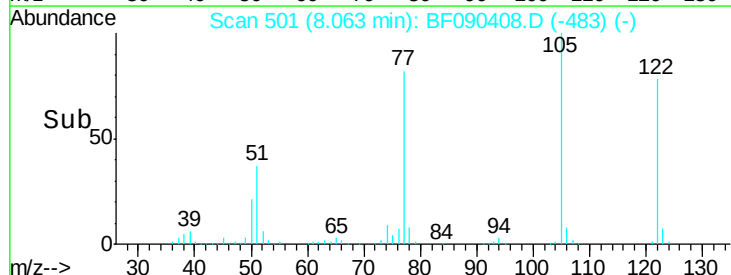
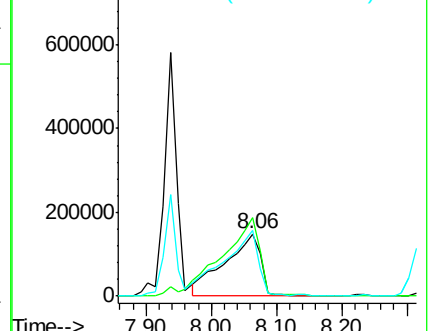
77 105.3 74.6 114.6

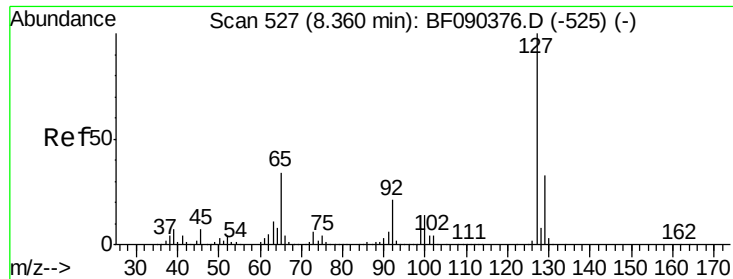


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

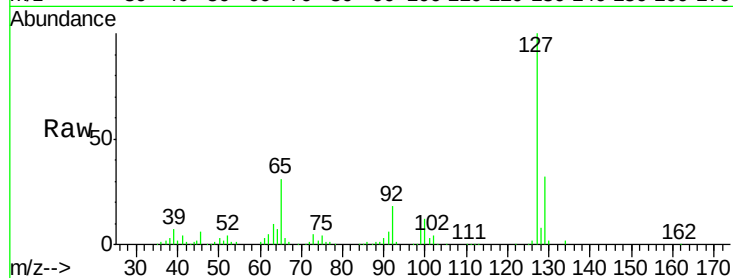




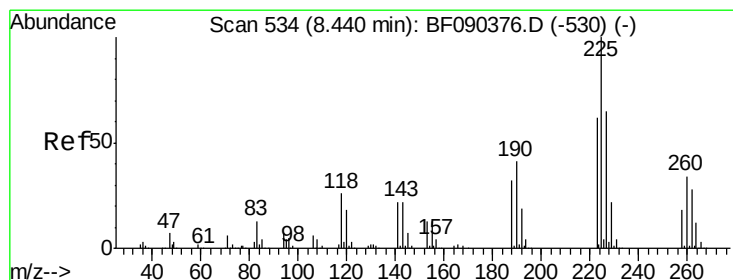
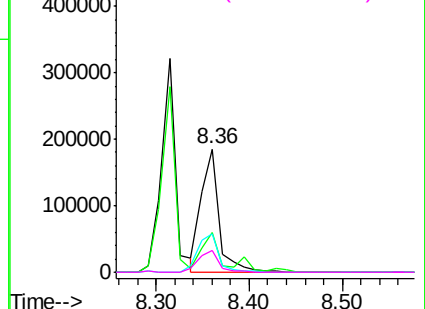
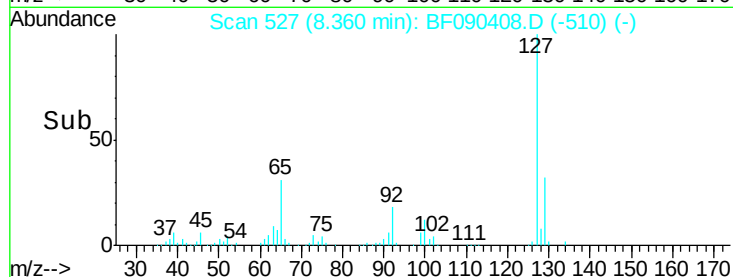
#33
4-Chloroaniline
Concen: 12.03 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tgt Ion:	127	Resp:	250680
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	30.9	32.5	48.7#
92	18.0	17.2	25.8

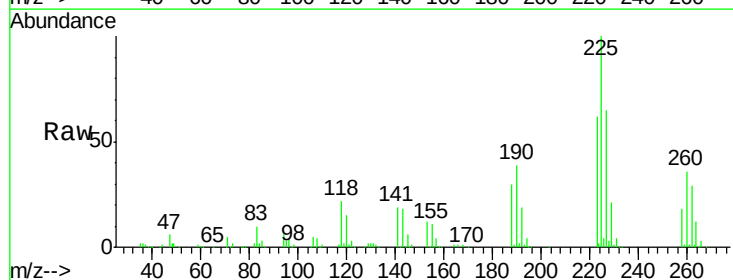


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

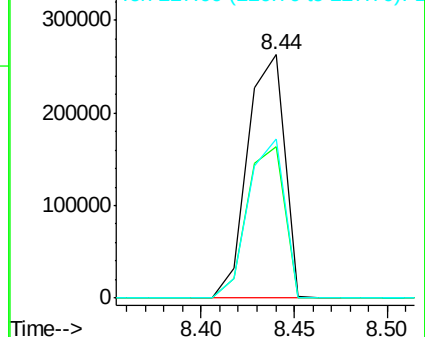
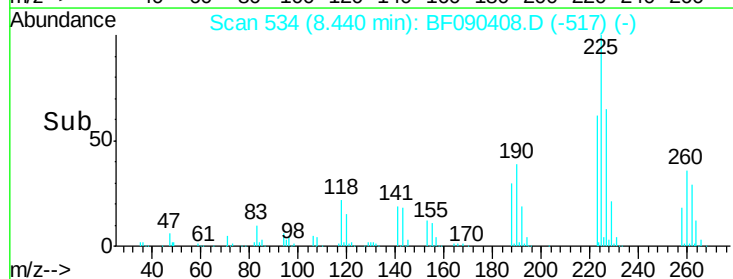


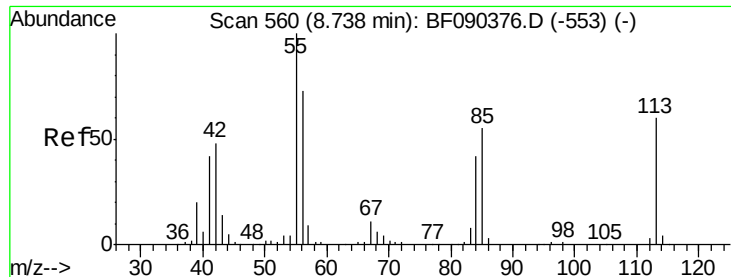
#34
Hexachlorobutadiene
Concen: 45.94 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:	225	Resp:	359172
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.4
227	65.4	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

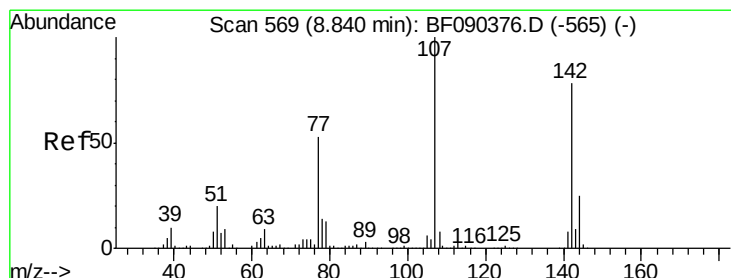
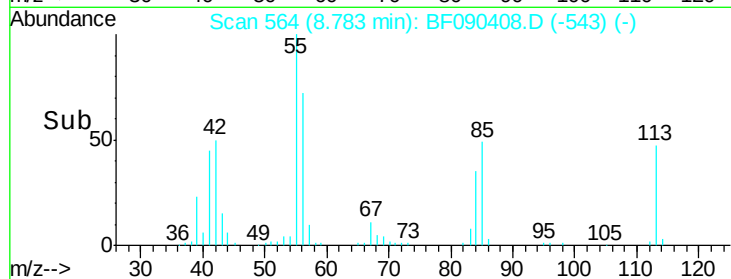
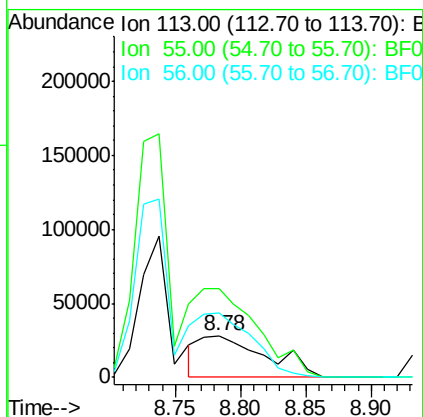
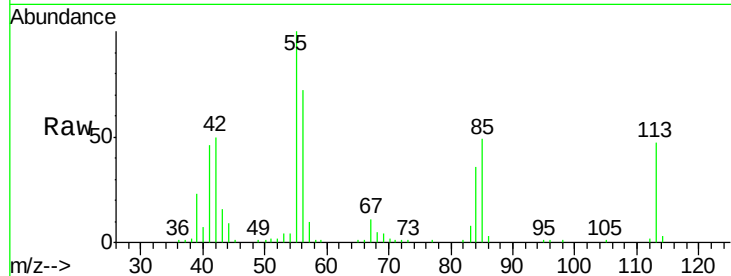




#35
 Caprolactam
 Concen: 21.80 ng
 RT: 8.78 min Scan# 564
 Delta R.T. 0.05 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

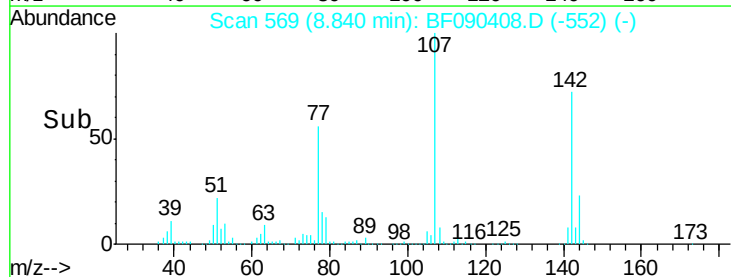
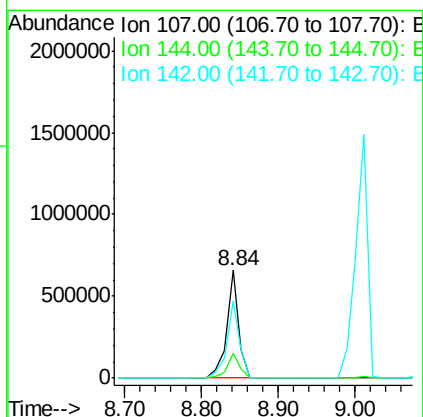
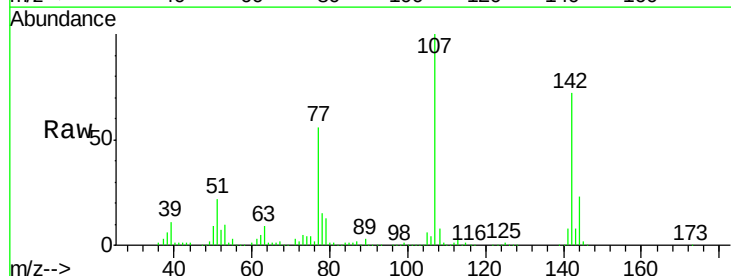
Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

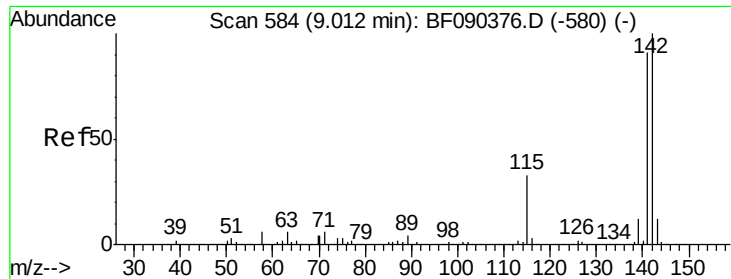
Tgt Ion:113 Resp: 99510
 Ion Ratio Lower Upper
 113 100
 55 214.3 203.3 243.3
 56 153.8 140.5 180.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.11 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:107 Resp: 732889
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.8 29.8
 142 71.7 60.7 91.1

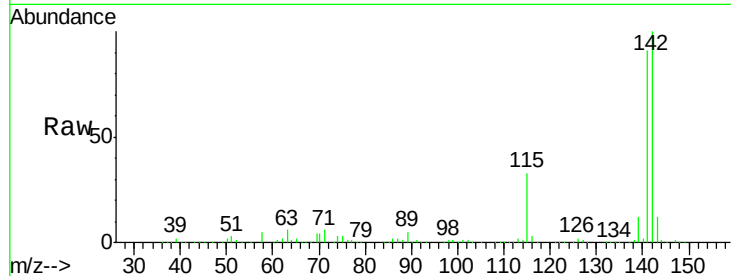




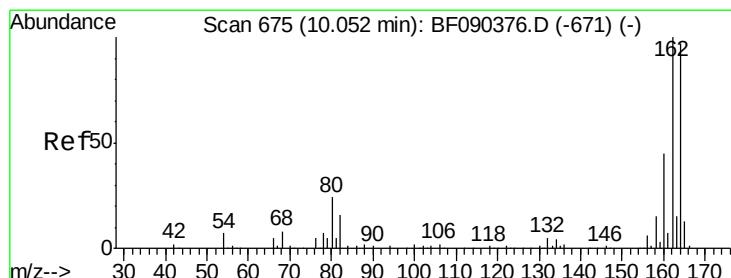
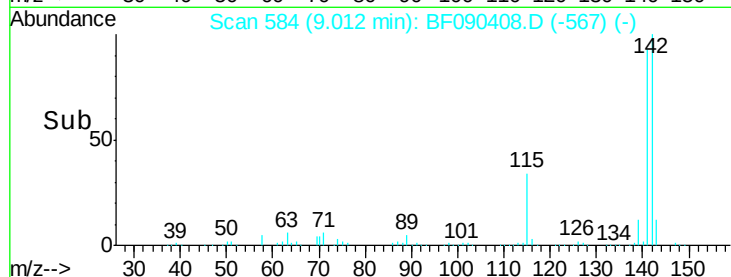
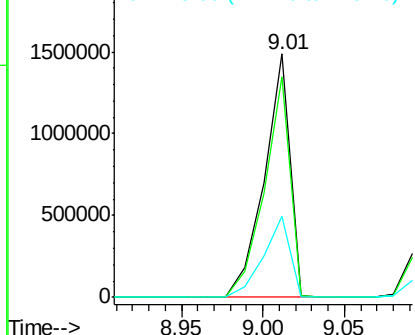
#37
2-Methylnaphthalene
Concen: 53.49 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tgt Ion:142 Resp: 1632949
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.8
115 33.2 28.8 43.2

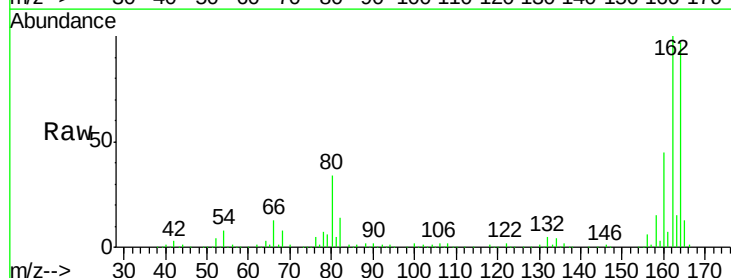


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

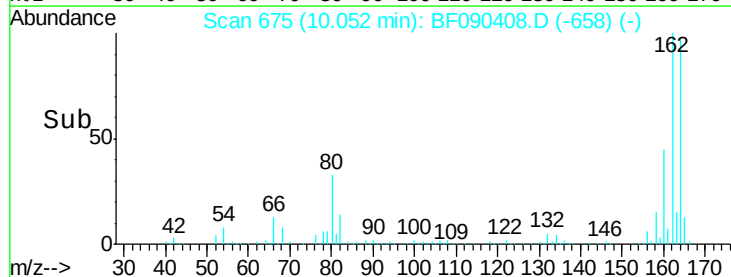
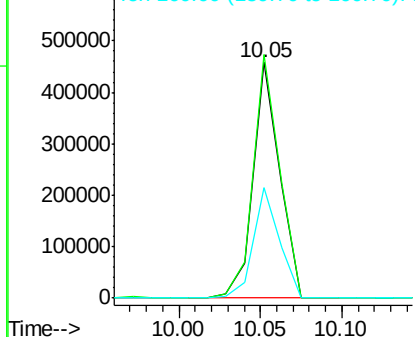


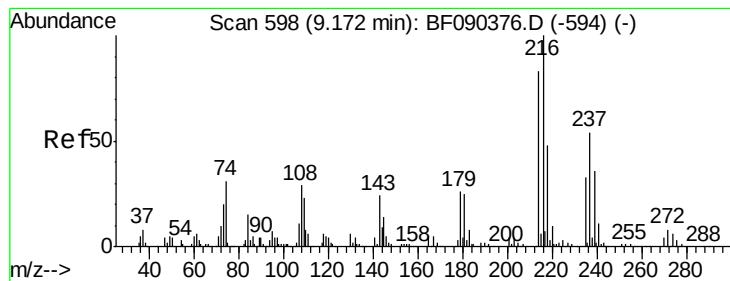
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:164 Resp: 514501
Ion Ratio Lower Upper
164 100
162 103.4 80.1 120.1
160 46.7 36.3 54.5



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: 46.40 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tgt Ion:216 Resp: 629434

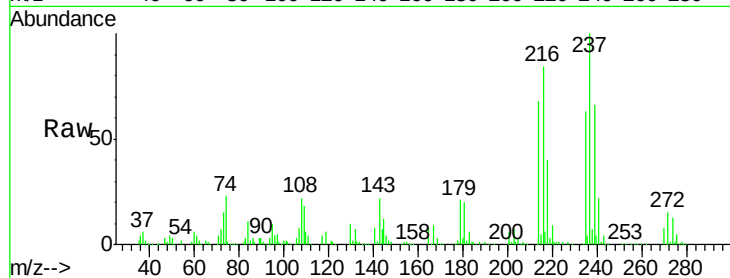
Ion Ratio Lower Upper

216 100

214 79.5 64.2 96.2

179 22.7 18.0 27.0

108 23.8 15.2 22.8#

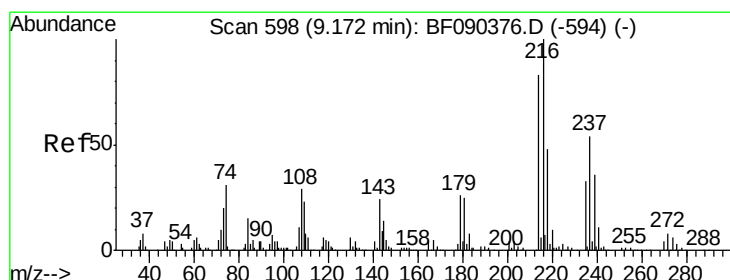
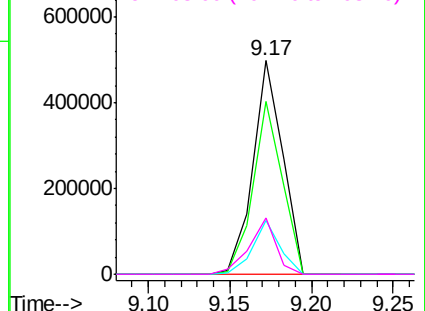
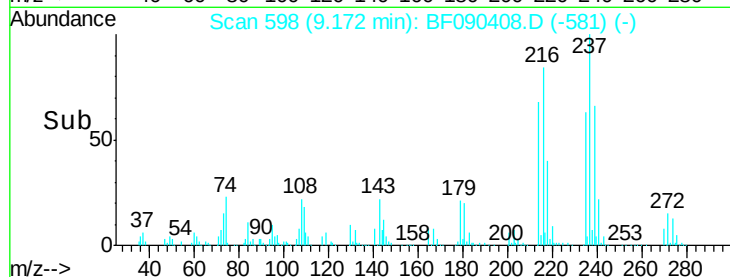


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 114.14 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

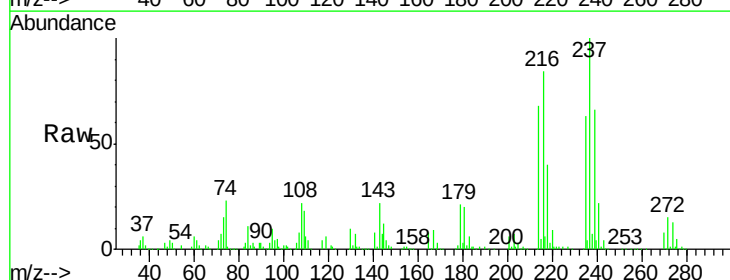
Tgt Ion:237 Resp: 848707

Ion Ratio Lower Upper

237 100

235 62.6 43.6 83.6

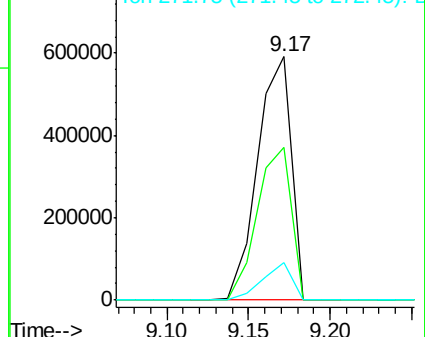
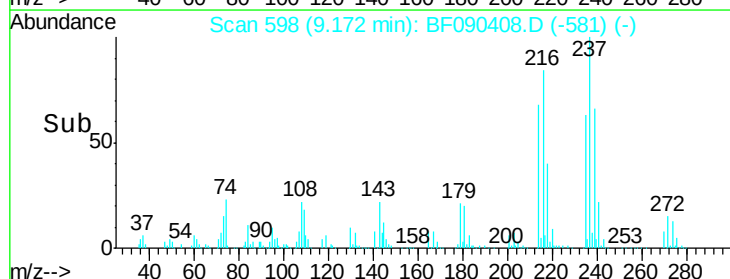
272 15.5 0.0 32.7

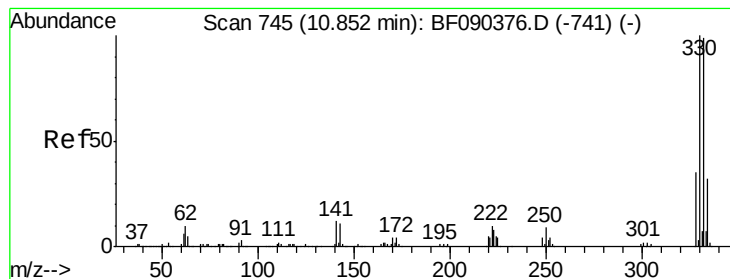


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

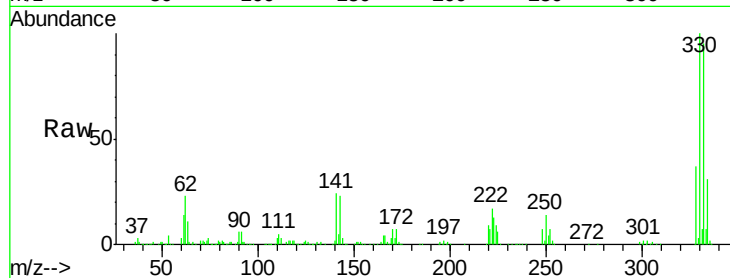




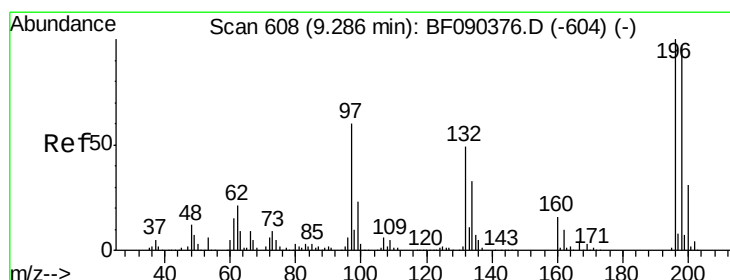
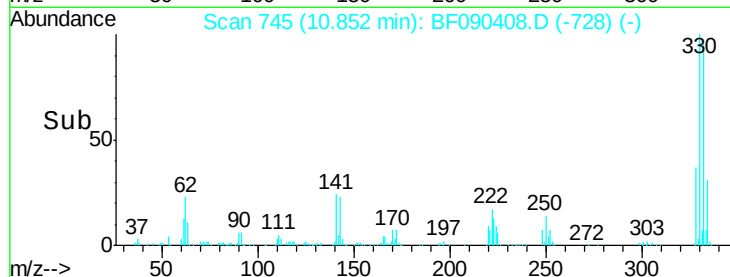
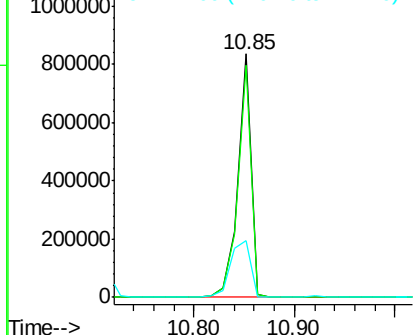
#41
 2,4,6-Tribromophenol
 Concen: 183.12 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tgt Ion:330 Resp: 766092
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.4 113.0
 141 35.6 26.9 40.3

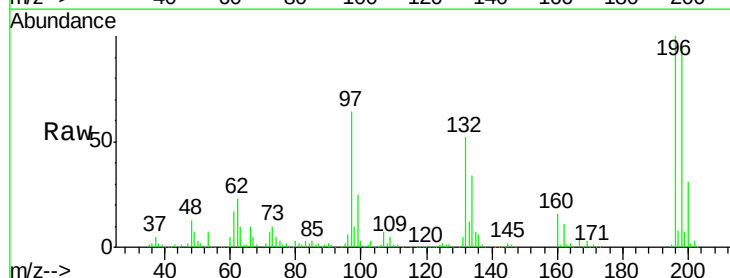


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

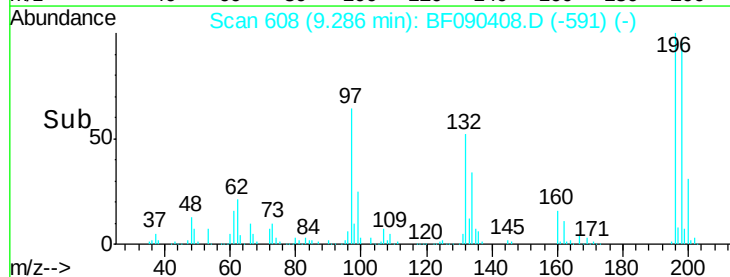
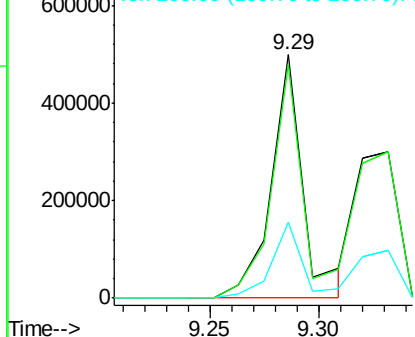


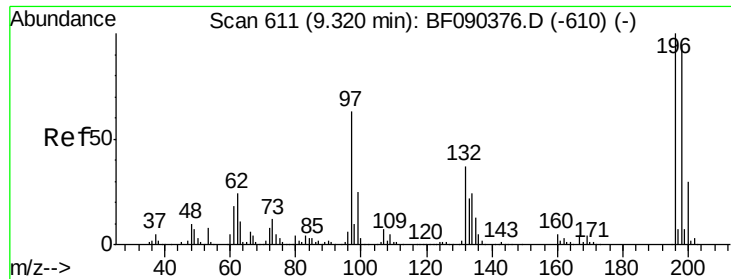
#42
 2,4,6-Trichlorophenol
 Concen: 54.91 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:196 Resp: 514013
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.9 118.3
 200 31.3 25.4 38.2



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

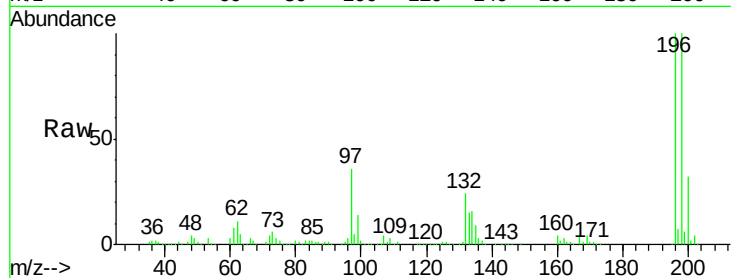




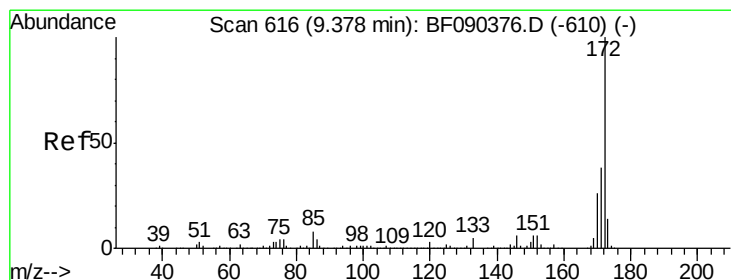
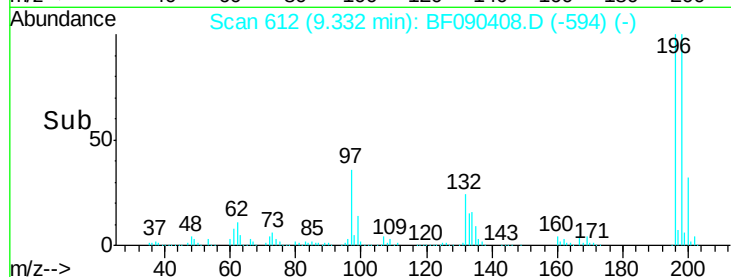
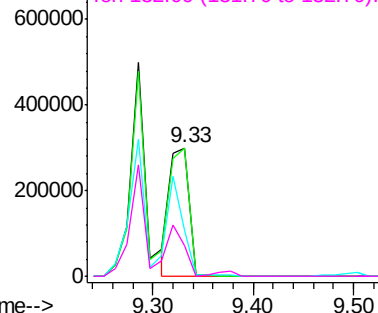
#43
 2,4,5-Trichlorophenol
 Concen: 46.40 ng
 RT: 9.33 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tgt Ion:196 Resp: 410680
 Ion Ratio Lower Upper
 196 100
 198 99.9 78.1 117.1
 97 35.7 48.1 72.1#
 132 24.4 27.4 41.2#

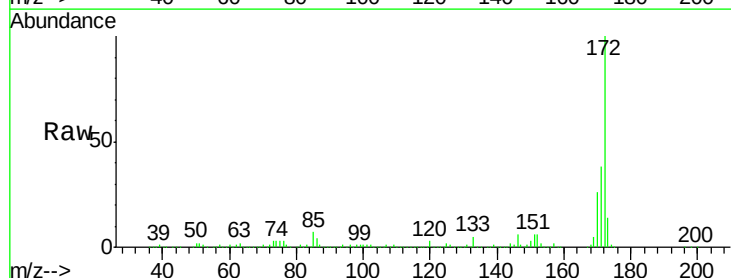


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

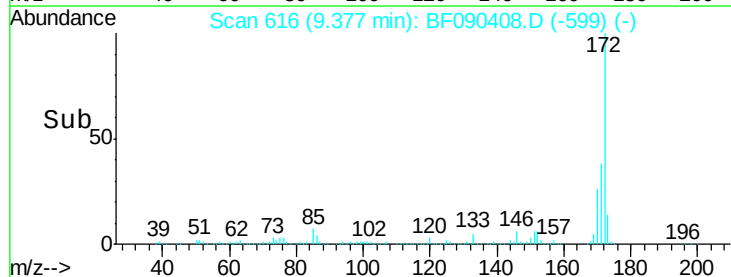
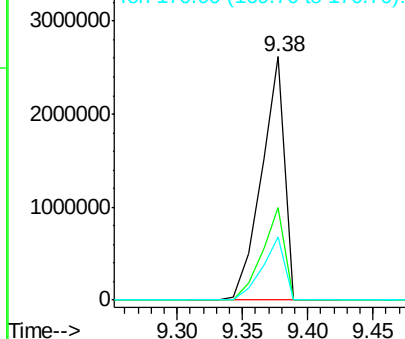


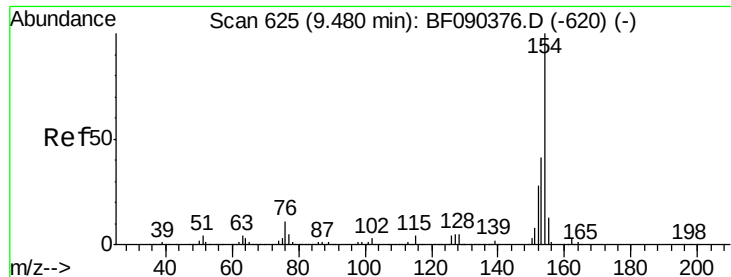
#44
 2-Fluorobiphenyl
 Concen: 103.97 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:172 Resp: 3210713
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.8 47.8
 170 26.1 21.7 32.5



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

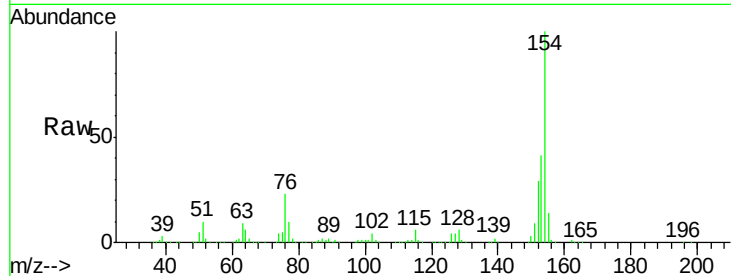




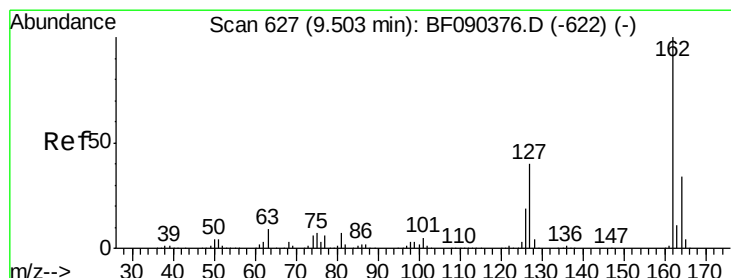
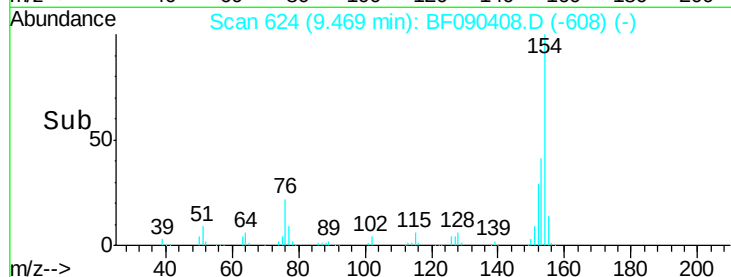
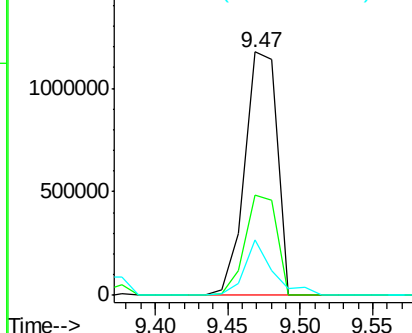
#45
 1,1'-Biphenyl
 Concen: 47.44 ng
 RT: 9.47 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tgt Ion:154 Resp: 1808693
 Ion Ratio Lower Upper
 154 100
 153 41.2 23.8 63.8
 76 22.7 0.0 35.8

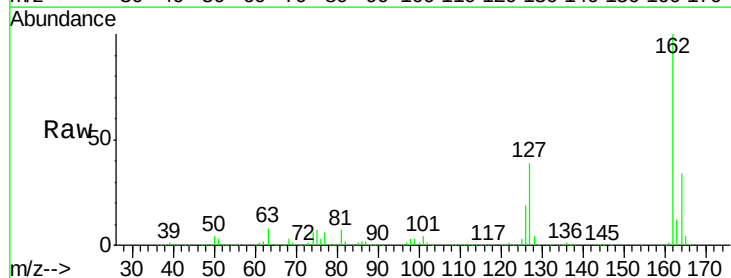


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

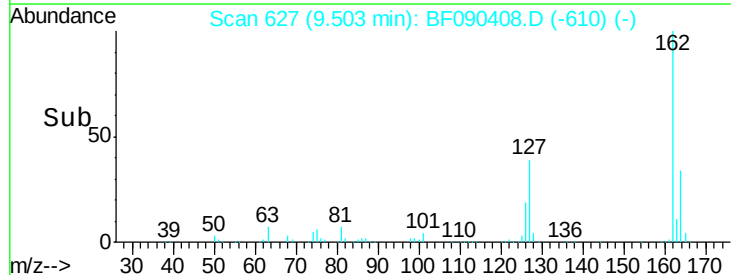
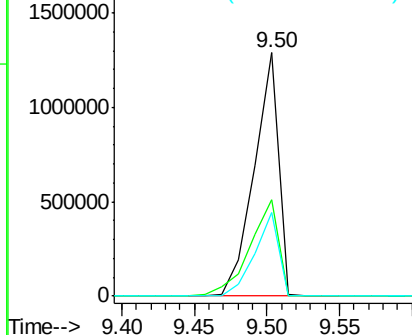


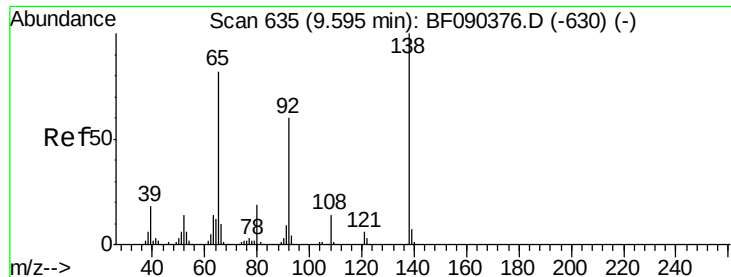
#46
 2-Chloronaphthalene
 Concen: 53.52 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:162 Resp: 1507610
 Ion Ratio Lower Upper
 162 100
 127 39.5 35.6 53.4
 164 34.2 27.5 41.3



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: 53.41 ng

RT: 9.59 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

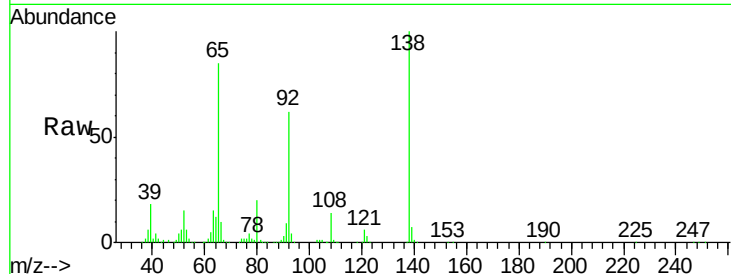
Tgt Ion: 65 Resp: 593686

Ion Ratio Lower Upper

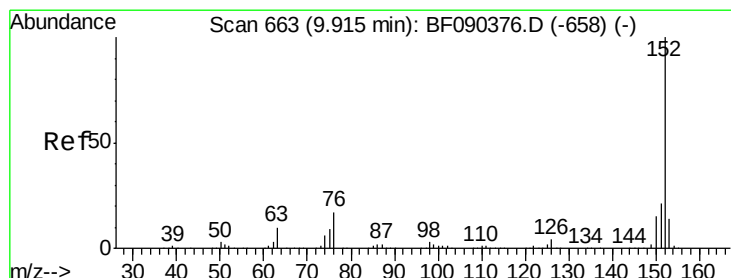
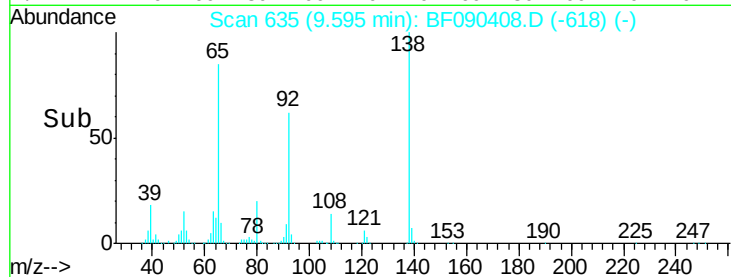
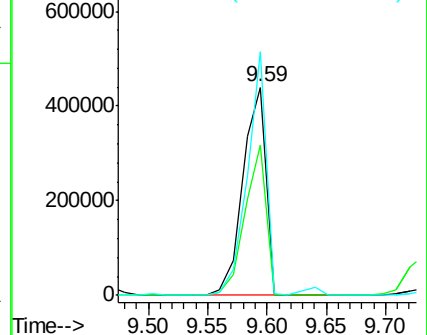
65 100

92 72.1 51.7 77.5

138 117.0 79.0 118.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 45.75 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

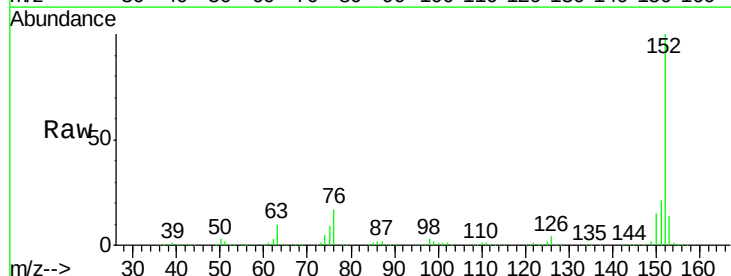
Tgt Ion: 152 Resp: 2126162

Ion Ratio Lower Upper

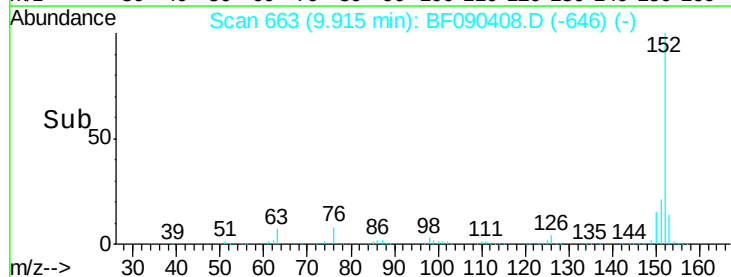
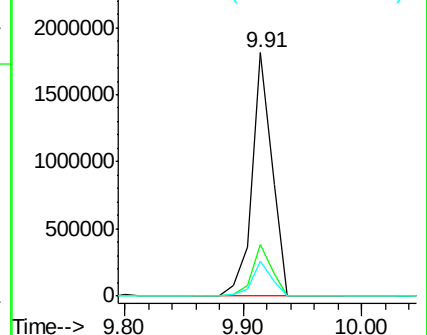
152 100

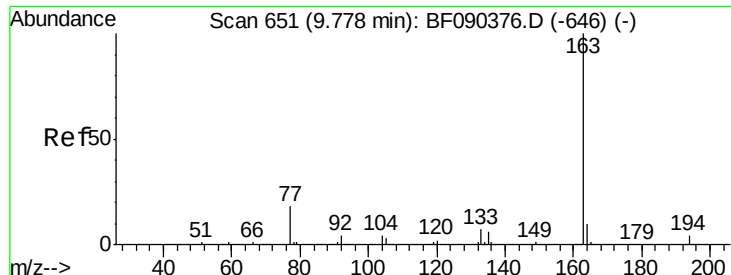
151 21.2 17.4 26.0

153 14.3 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

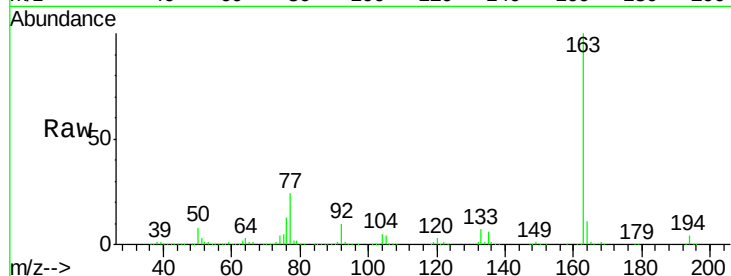




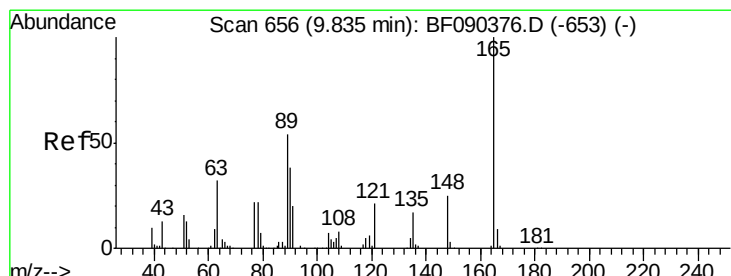
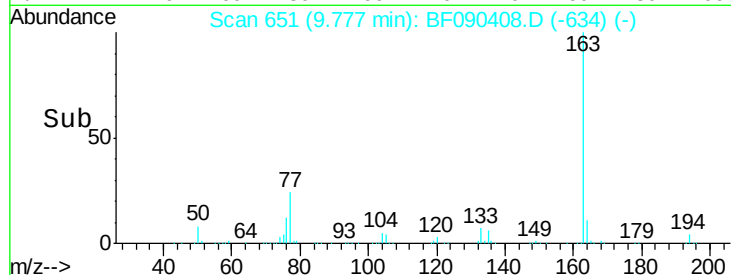
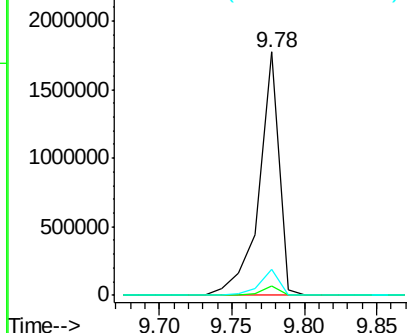
#49
Dimethylphthalate
Concen: 51.52 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tgt Ion:163 Resp: 1697513
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.7 9.0 13.4

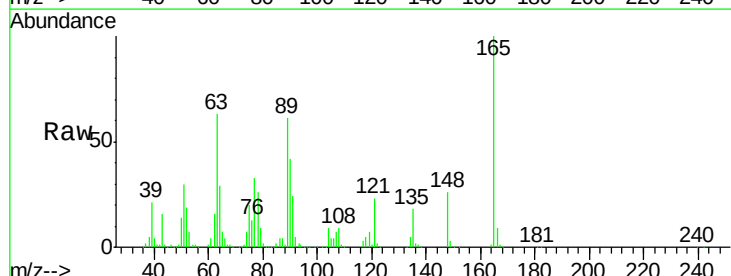


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

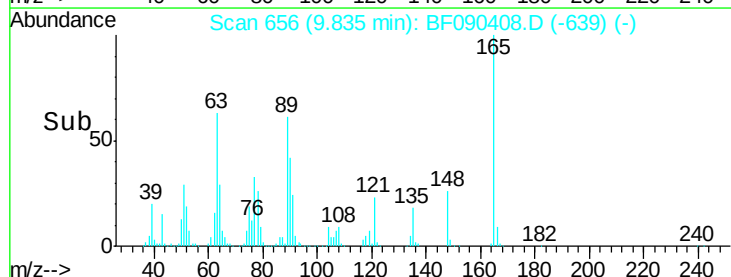
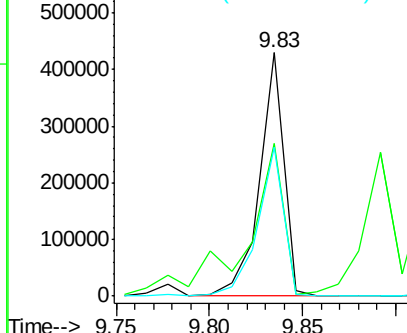


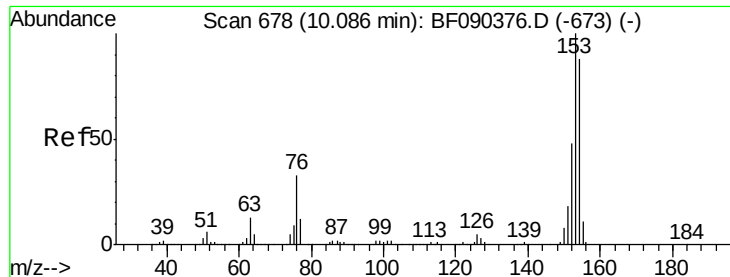
#50
2,6-Dinitrotoluene
Concen: 52.78 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:165 Resp: 386094
Ion Ratio Lower Upper
165 100
63 63.0 58.0 87.0
89 61.2 51.2 76.8



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: 52.07 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

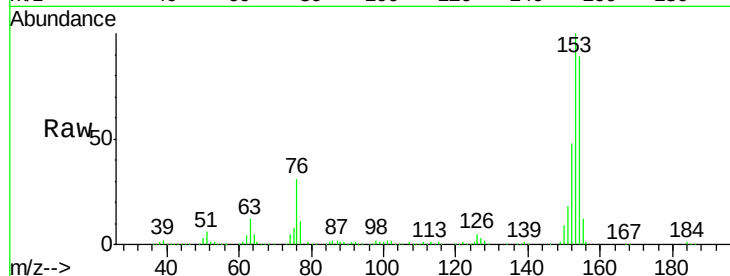
Tgt Ion:154 Resp: 1508891

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

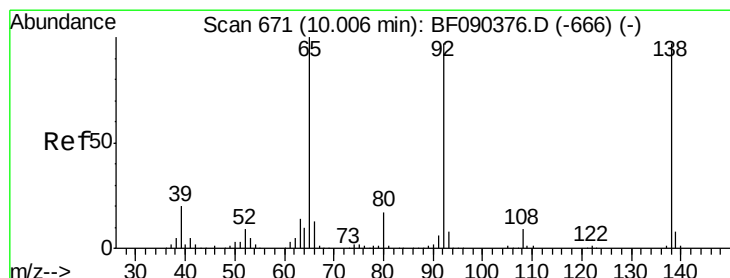
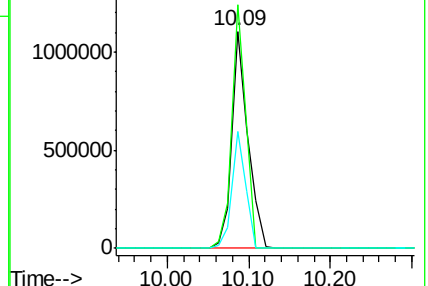
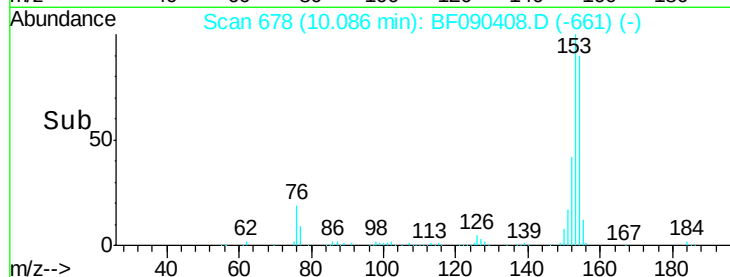
152 54.1 42.6 64.0



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: 21.65 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

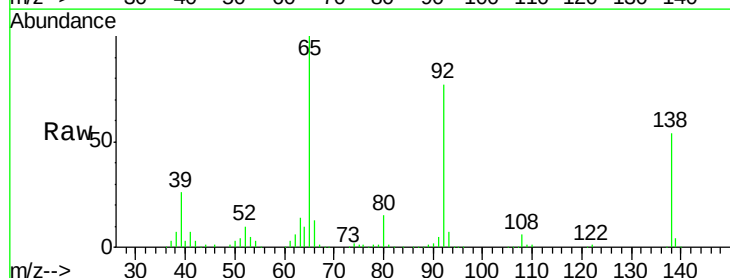
Tgt Ion:138 Resp: 185009

Ion Ratio Lower Upper

138 100

108 11.1 9.7 14.5

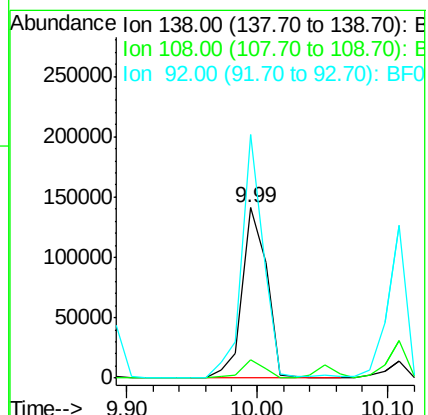
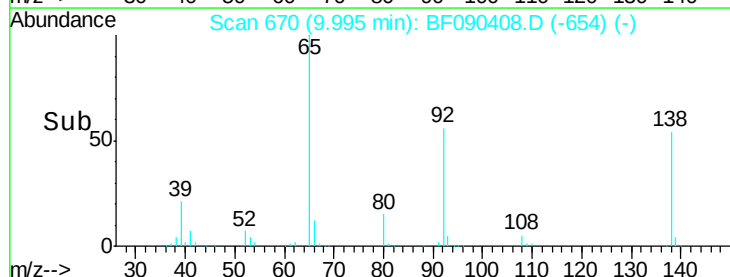
92 143.1 97.1 145.7

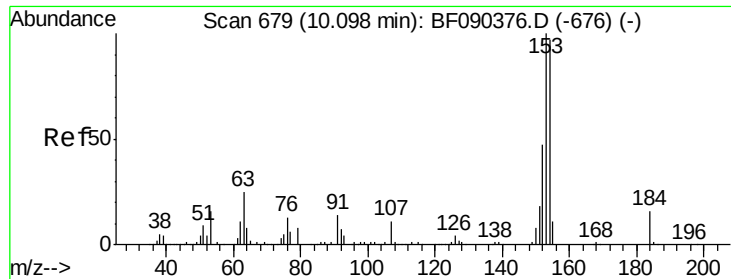


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

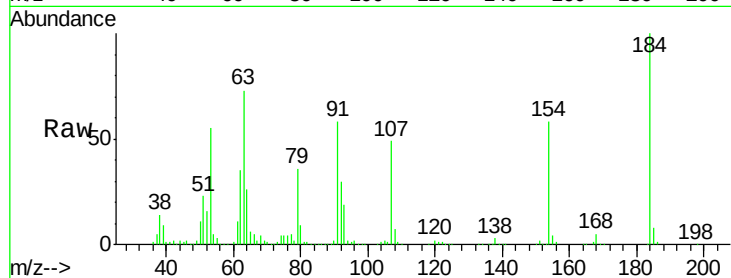




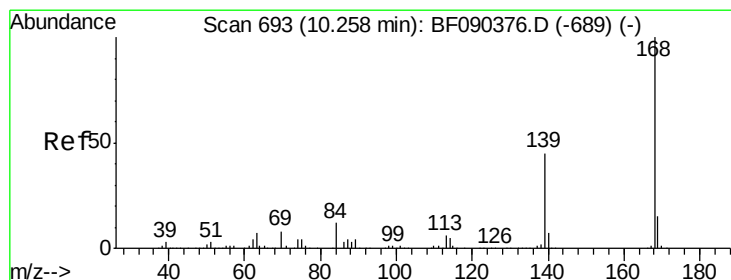
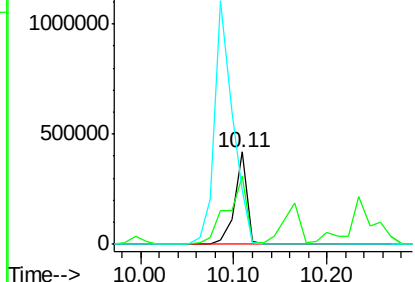
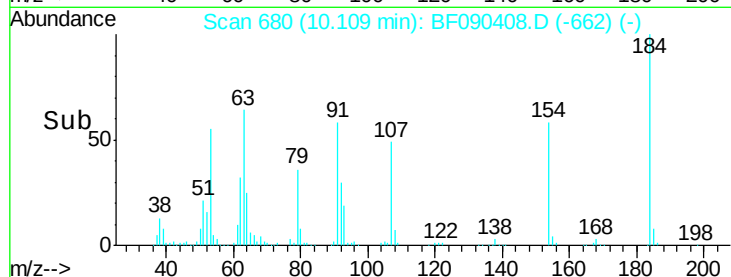
#53
2,4-Dinitrophenol
Concen: 119.48 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tgt Ion:184 Resp: 389697
Ion Ratio Lower Upper
184 100
63 73.4 41.9 62.9#
154 58.3 48.9 73.3

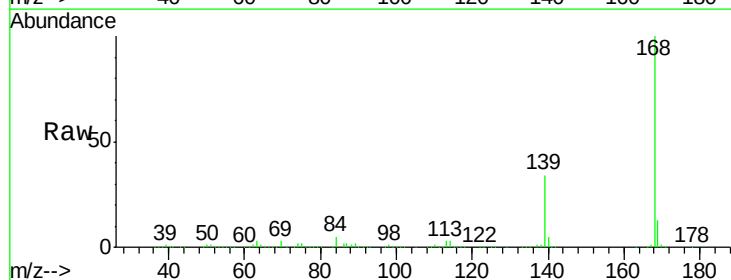


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

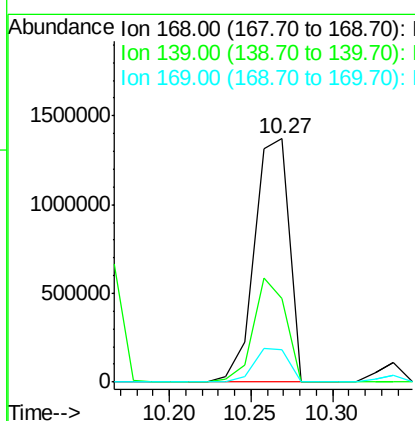
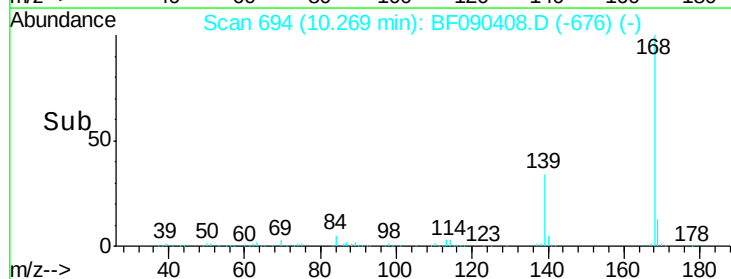


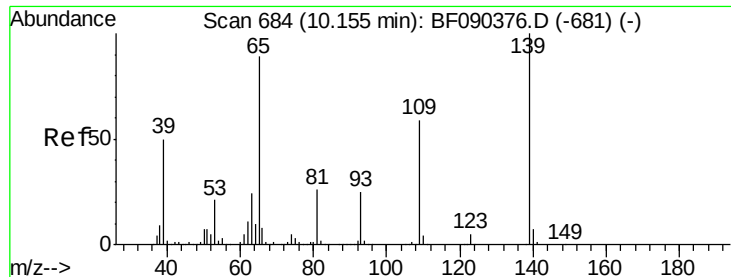
#54
Dibenzofuran
Concen: 54.00 ng
RT: 10.27 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:168 Resp: 2025716
Ion Ratio Lower Upper
168 100
139 34.3 29.6 44.4
169 13.5 11.3 16.9



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

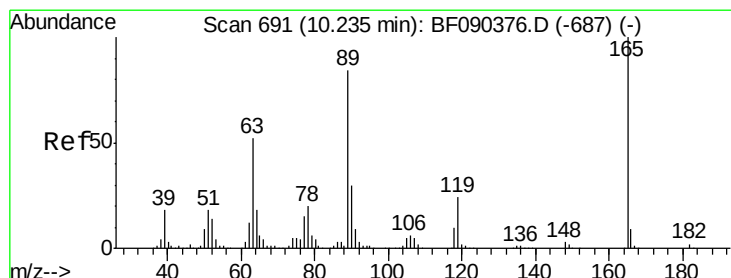
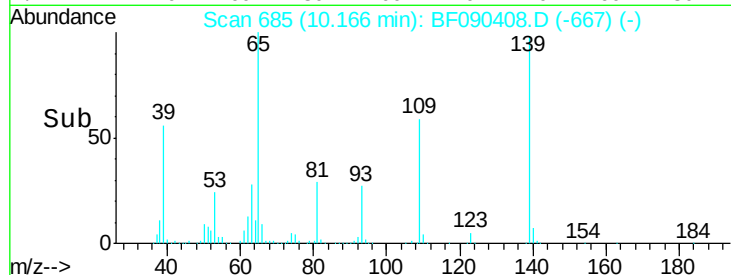
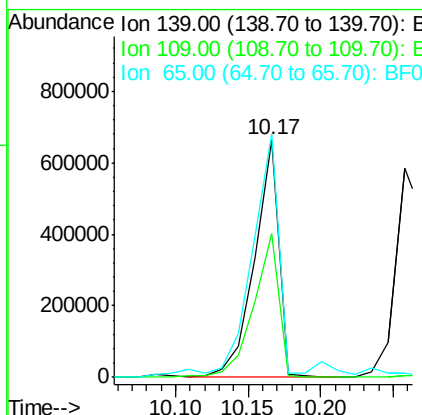
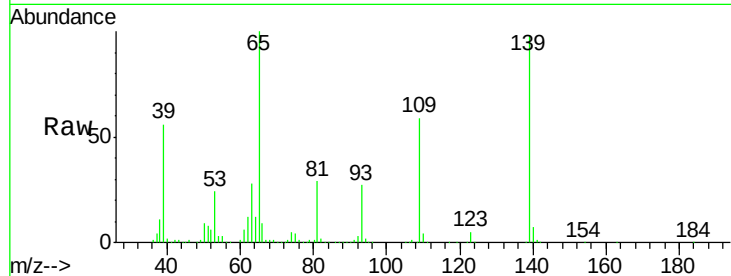




#55
4-Nitrophenol
Concen: 102.95 ng
RT: 10.17 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

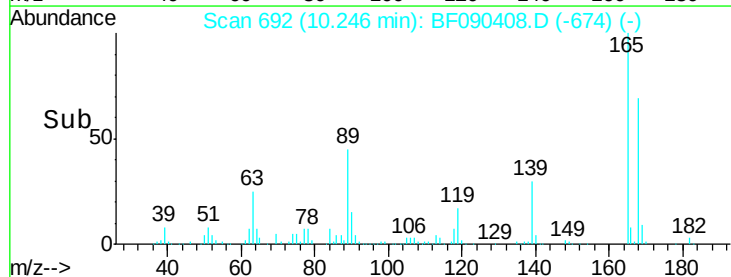
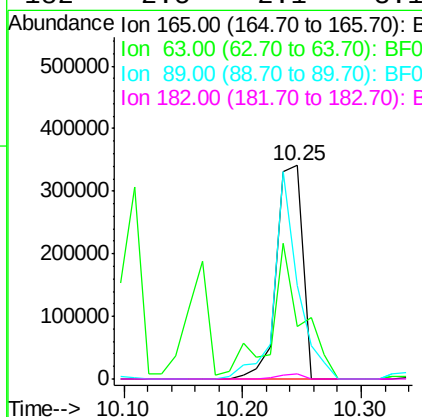
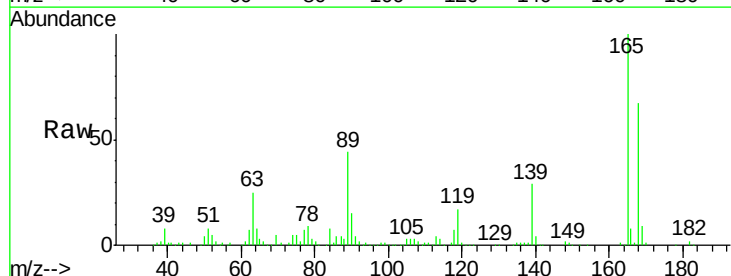
Instrument :
BNA_F
ClientSampleId :
PB93791BS

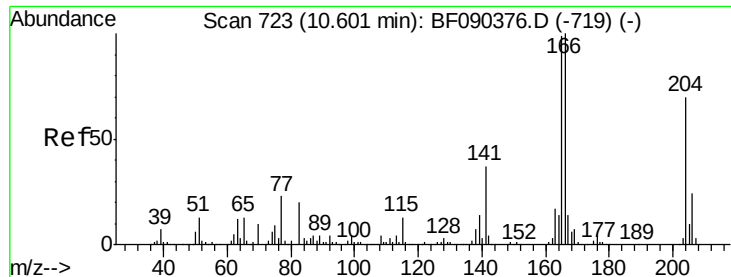
Tgt Ion:139 Resp: 769799
Ion Ratio Lower Upper
139 100
109 60.4 43.6 83.6
65 102.4 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 52.79 ng
RT: 10.25 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:165 Resp: 513952
Ion Ratio Lower Upper
165 100
63 24.7 17.8 26.6
89 43.6 33.2 49.8
182 2.5 2.1 3.1

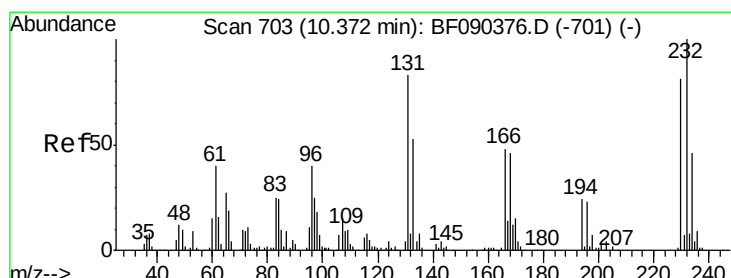
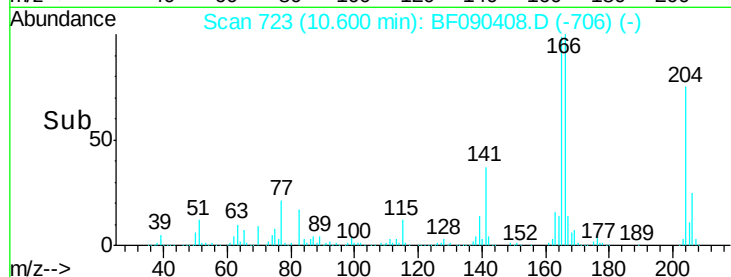
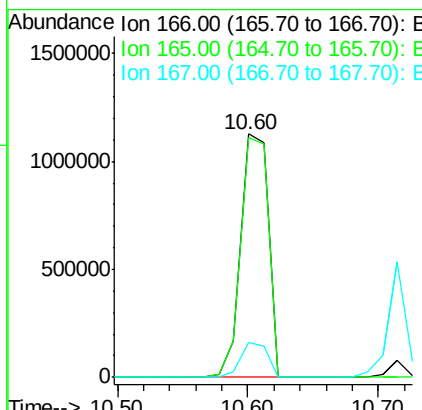
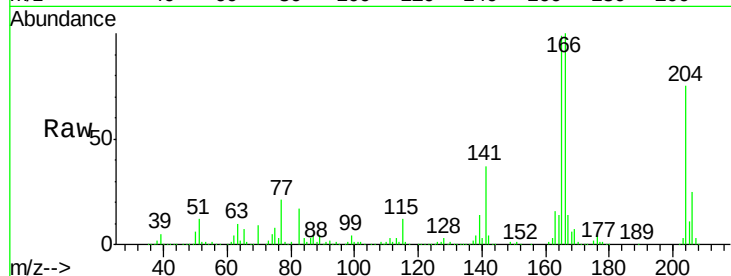




#57
 Fluorene
 Concen: 52.37 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

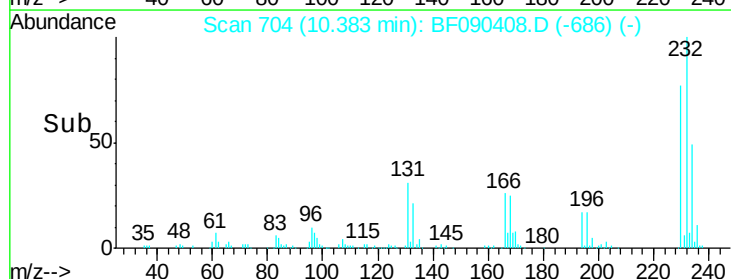
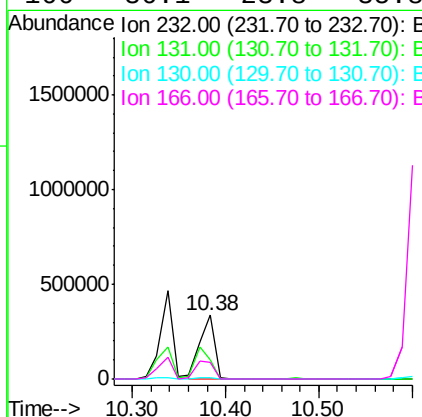
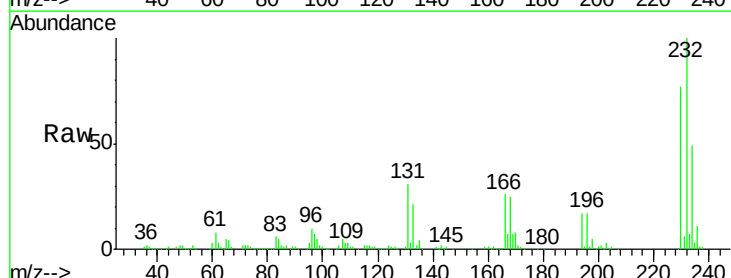
Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

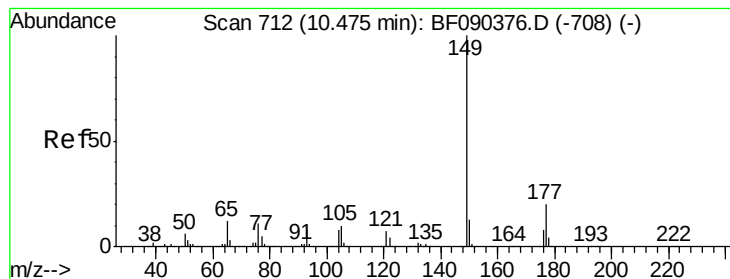
Tgt Ion:166 Resp: 1651054
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.2 118.8
 167 14.3 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.18 ng
 RT: 10.38 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:232 Resp: 371374
 Ion Ratio Lower Upper
 232 100
 131 54.4 34.5 51.7#
 130 2.5 1.6 2.4#
 166 36.1 23.8 35.8#





#59

Diethylphthalate

Concen: 48.30 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

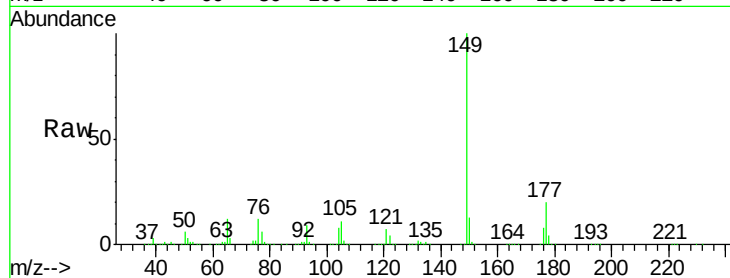
Tgt Ion:149 Resp: 1646656

Ion Ratio Lower Upper

149 100

177 20.4 21.1 31.7#

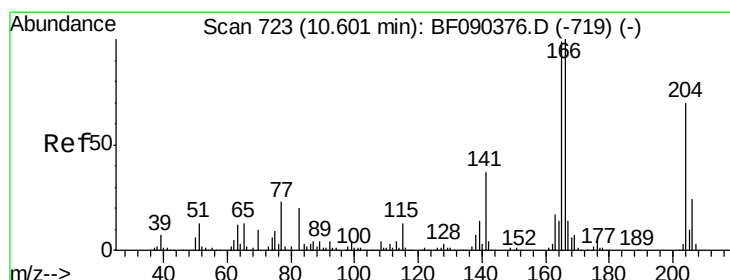
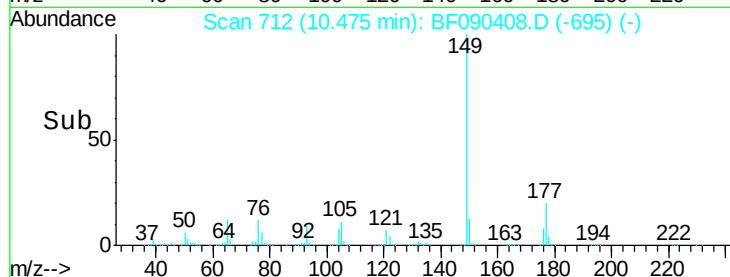
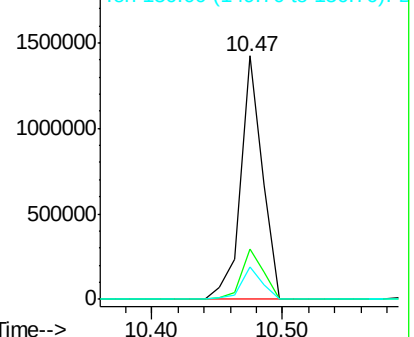
150 13.2 10.2 15.2



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: 57.19 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

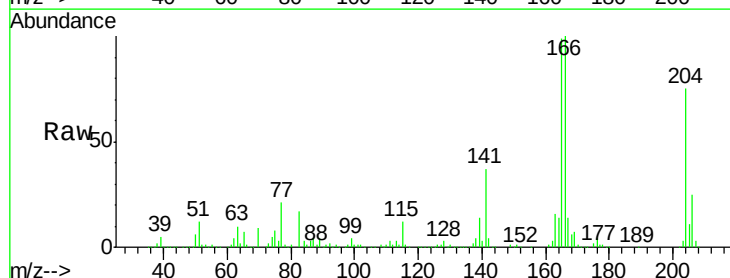
Tgt Ion:204 Resp: 819761

Ion Ratio Lower Upper

204 100

206 34.0 26.7 40.1

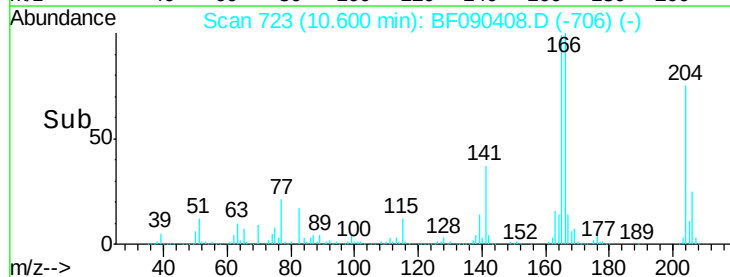
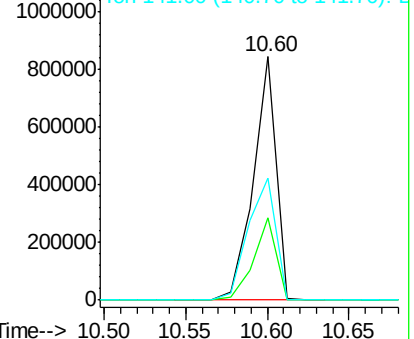
141 50.1 51.7 77.5#

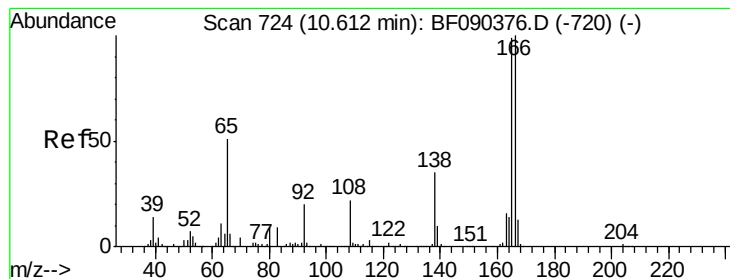


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.34 ng

RT: 10.62 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

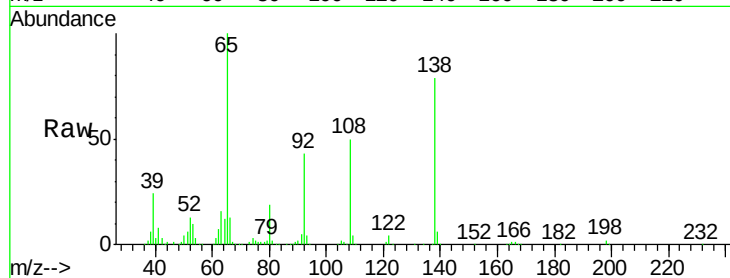
Tgt Ion:138 Resp: 416232

Ion Ratio Lower Upper

138 100

92 54.5 33.2 73.2

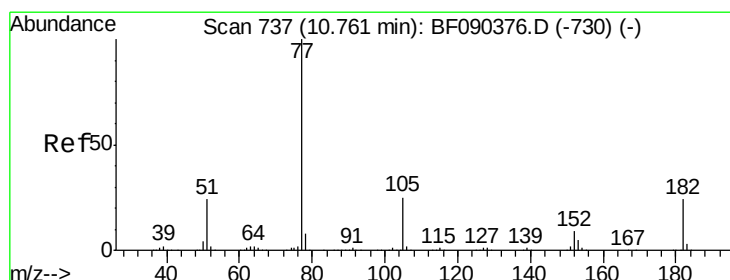
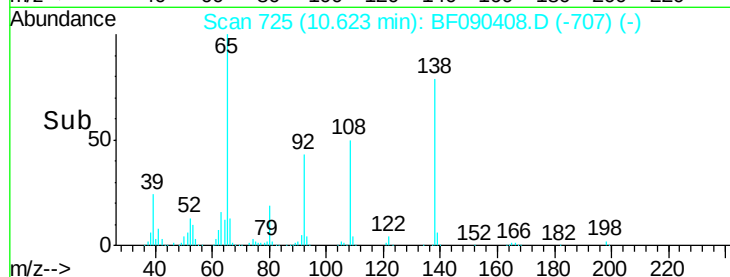
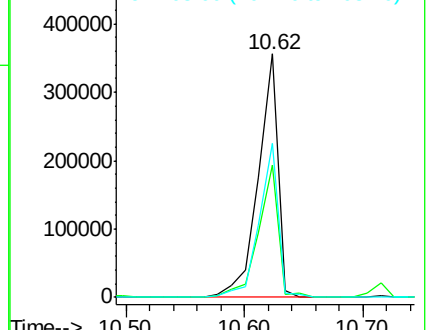
108 63.0 48.5 88.5



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: 58.00 ng

RT: 10.76 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Tgt Ion: 77 Resp: 2284031

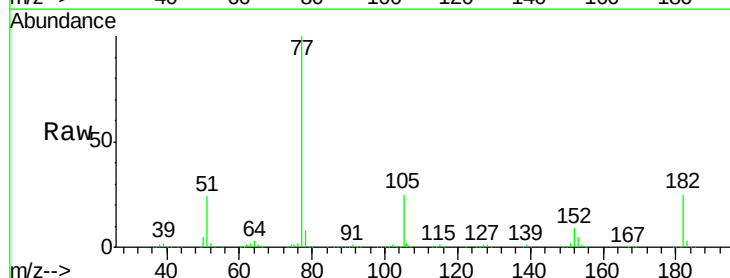
Ion Ratio Lower Upper

77 100

182 25.0 3.2 43.2

105 25.2 2.9 42.9

51 23.7 14.2 54.2

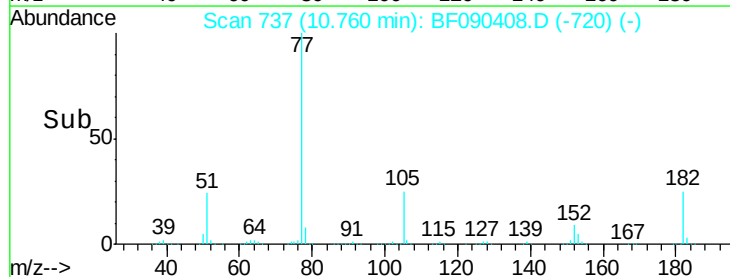
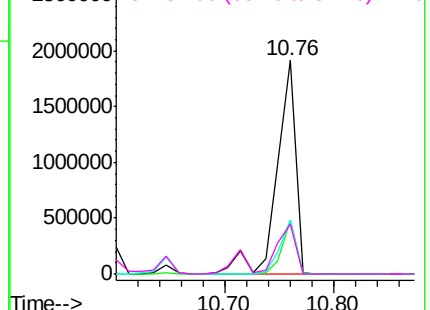


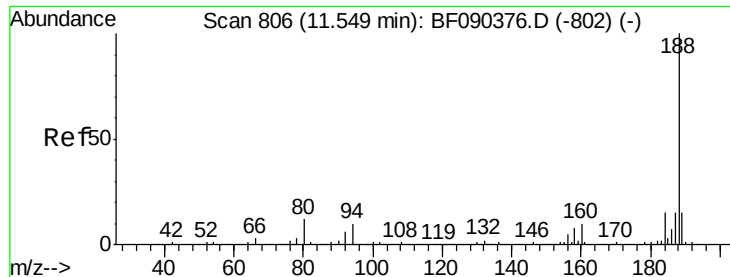
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

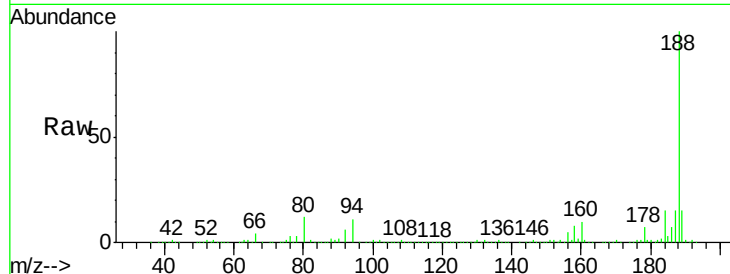




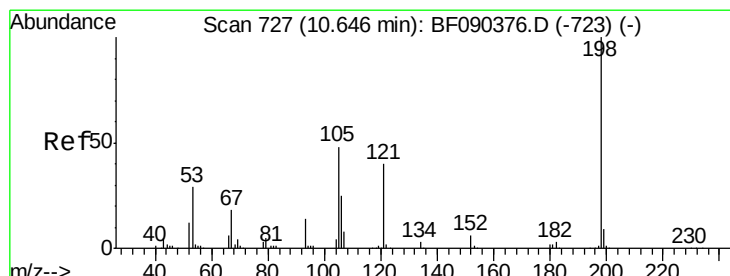
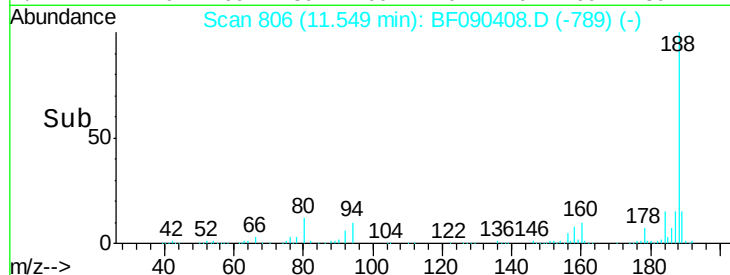
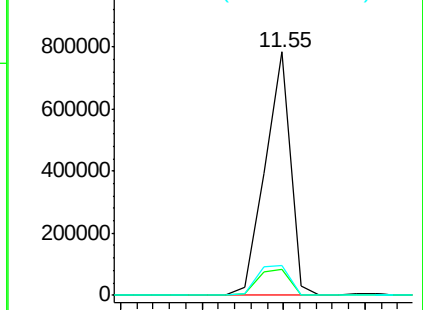
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tgt Ion:188 Resp: 848567
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 12.1 8.8 13.2

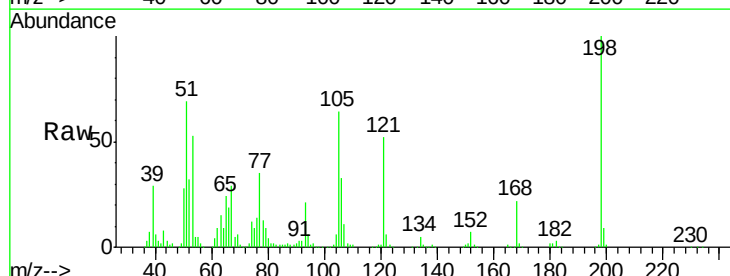


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

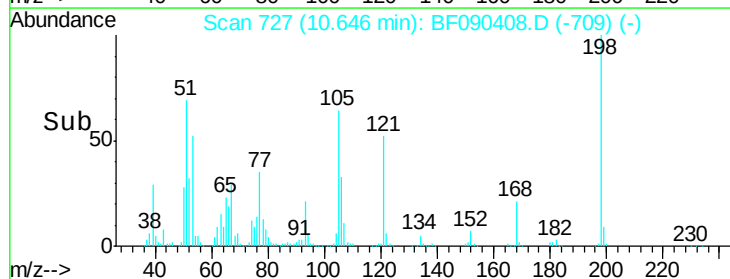
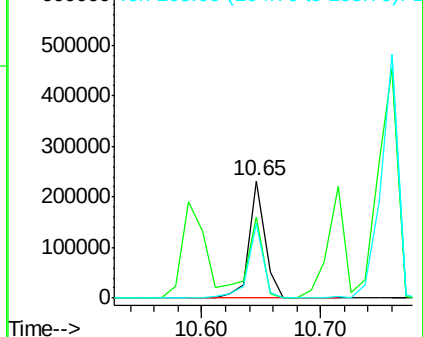


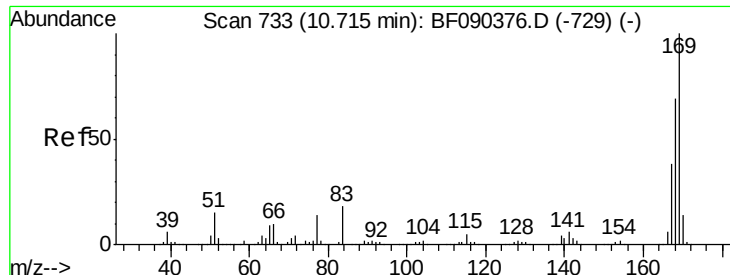
#64
4,6-Dinitro-2-methylphenol
Concen: 39.69 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:198 Resp: 221276
Ion Ratio Lower Upper
198 100
51 69.0 67.3 107.3
105 63.9 42.6 82.6



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

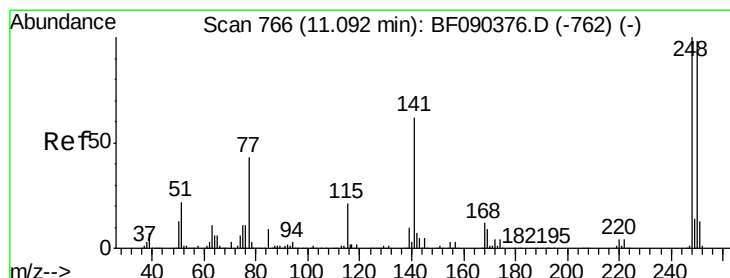
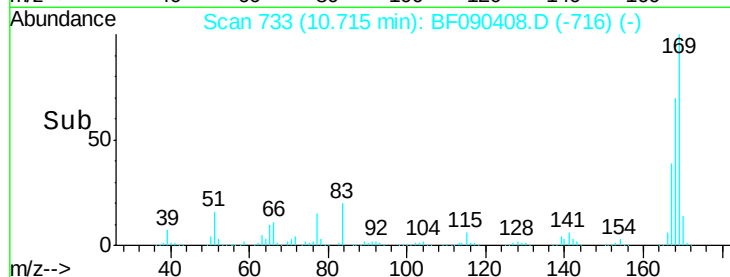
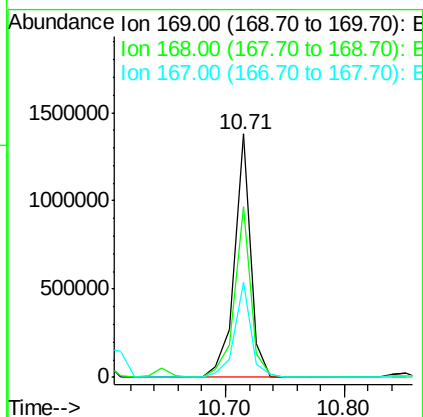
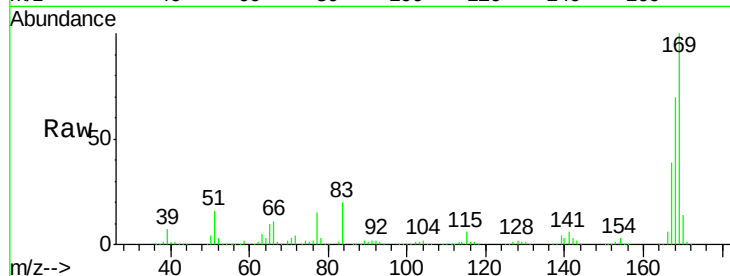




#65
 n-Nitrosodiphenylamine
 Concen: 46.13 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

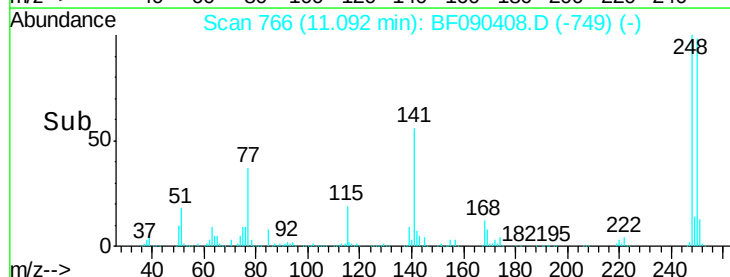
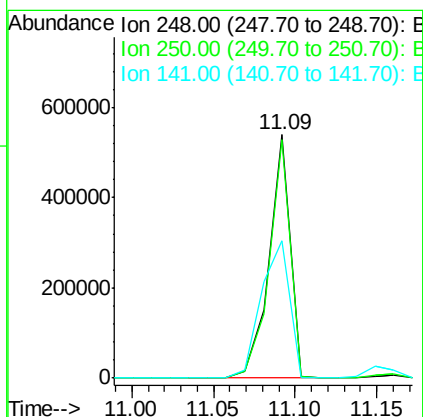
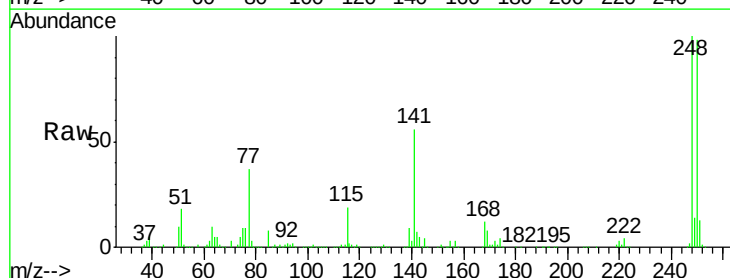
Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

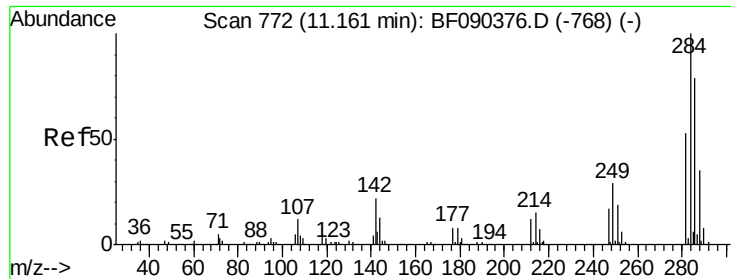
Tgt Ion:169 Resp: 1311826
 Ion Ratio Lower Upper
 169 100
 168 70.1 53.8 80.6
 167 39.0 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 58.51 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:248 Resp: 486645
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.5 114.7
 141 56.4 59.8 89.6#





#67

Hexachlorobenzene

Concen: 53.11 ng

RT: 11.16 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

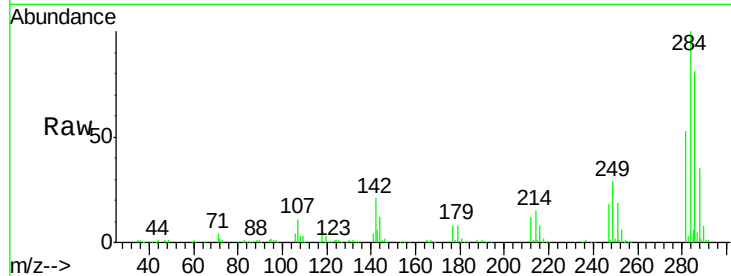
Tgt Ion:284 Resp: 491965

Ion Ratio Lower Upper

284 100

142 21.0 23.1 34.7#

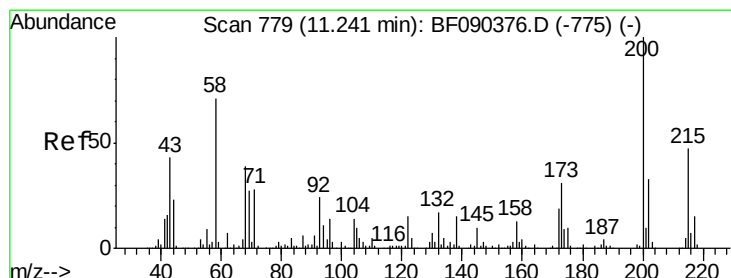
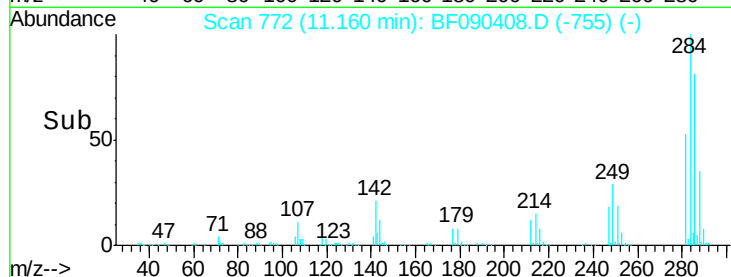
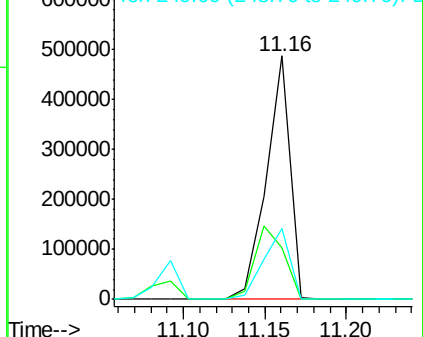
249 29.0 26.3 39.5



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: 52.44 ng

RT: 11.24 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

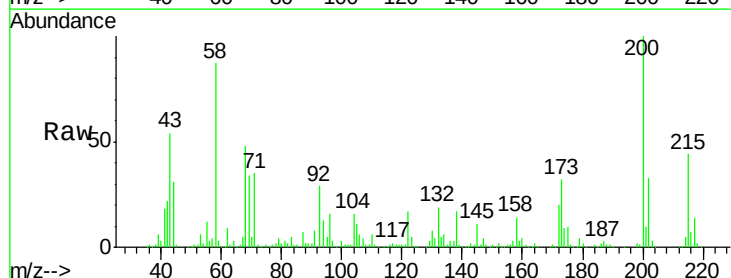
Tgt Ion:200 Resp: 367691

Ion Ratio Lower Upper

200 100

173 31.7 9.0 49.0

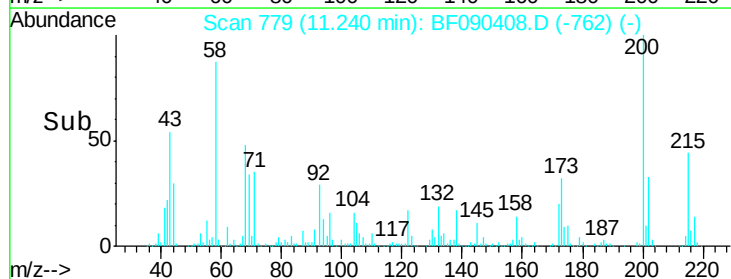
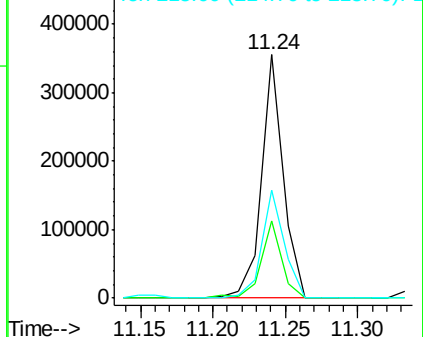
215 44.3 24.8 64.8

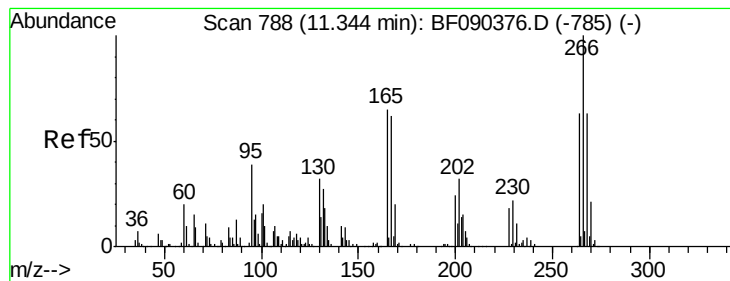


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 108.28 ng

RT: 11.35 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

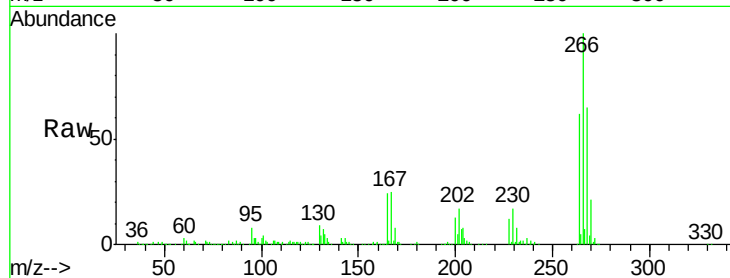
Tgt Ion:266 Resp: 597070

Ion Ratio Lower Upper

266 100

268 65.4 50.9 76.3

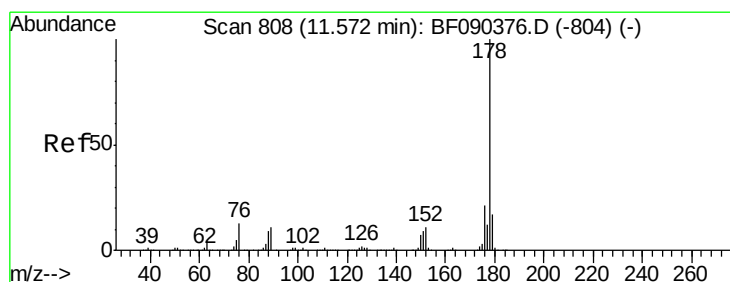
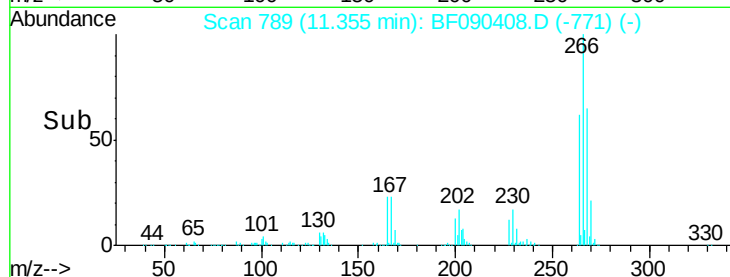
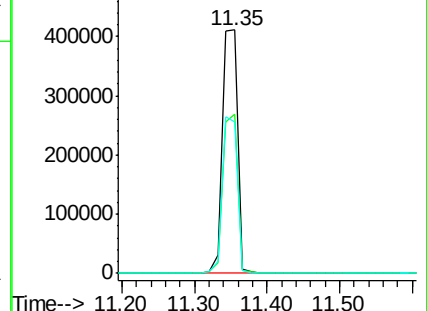
264 62.4 51.5 77.3



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: 51.41 ng

RT: 11.57 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

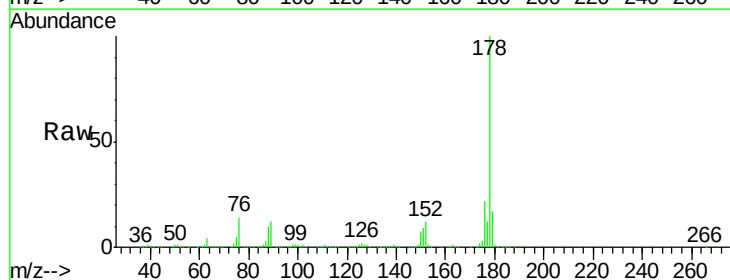
Tgt Ion:178 Resp: 2233959

Ion Ratio Lower Upper

178 100

176 21.6 17.3 25.9

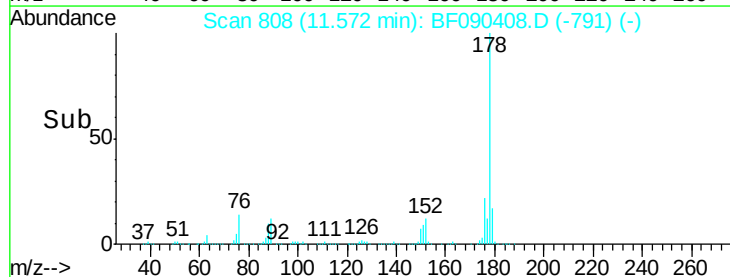
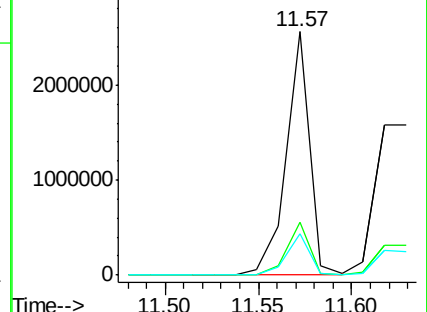
179 17.0 13.8 20.6

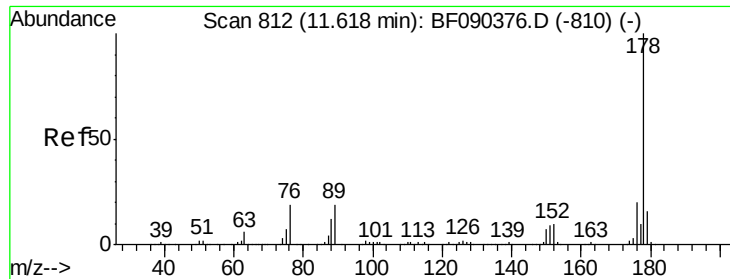


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

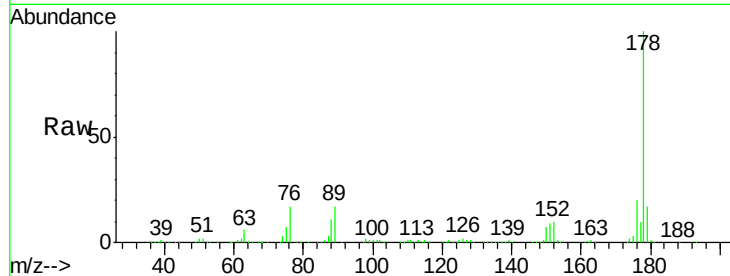




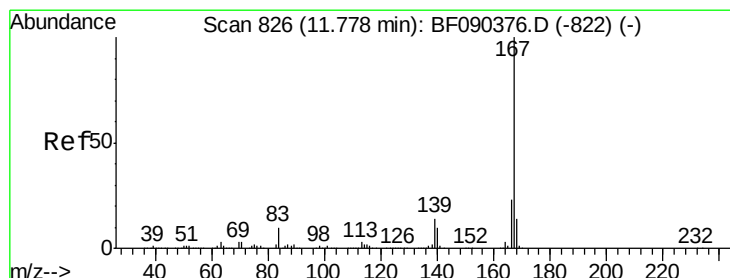
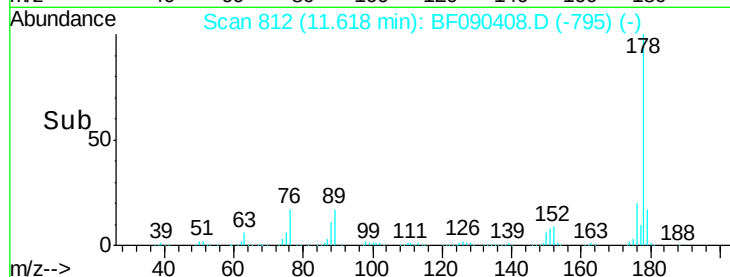
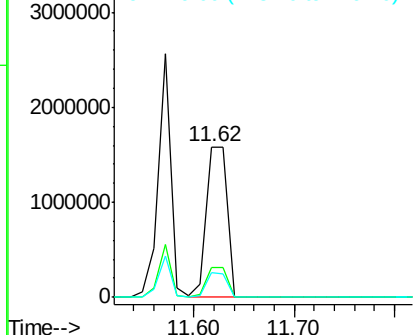
#71
 Anthracene
 Concen: 51.09 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tgt Ion:178 Resp: 2267146
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.8 25.2
 179 16.6 13.4 20.2

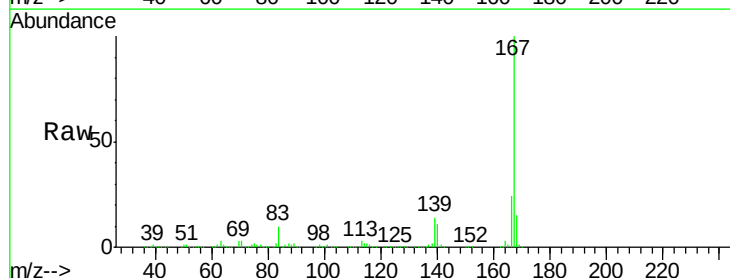


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

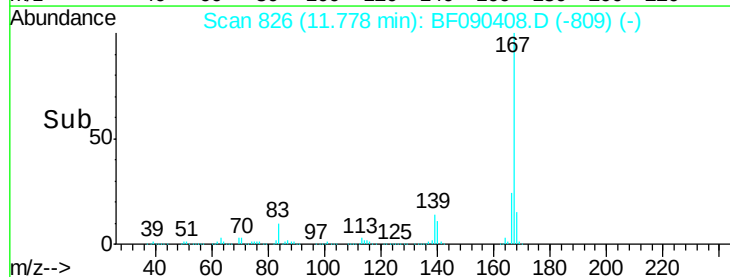
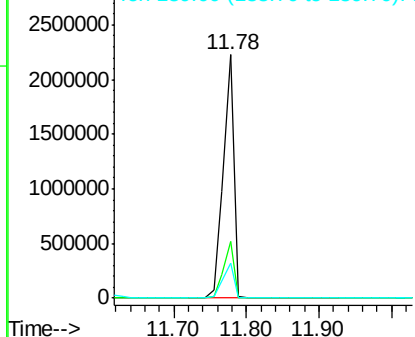


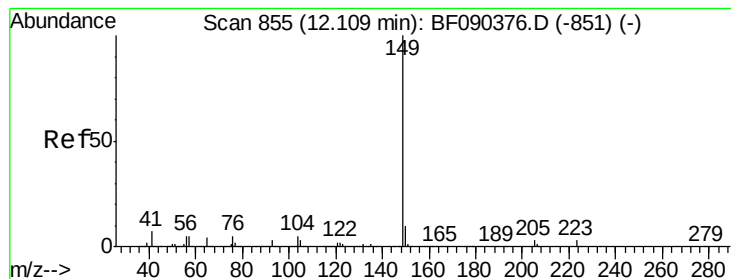
#72
 Carbazole
 Concen: 55.07 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:167 Resp: 2270237
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.1 28.7
 139 14.3 12.1 18.1



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: 53.79 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

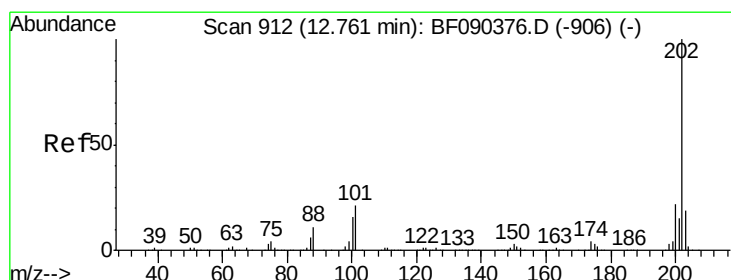
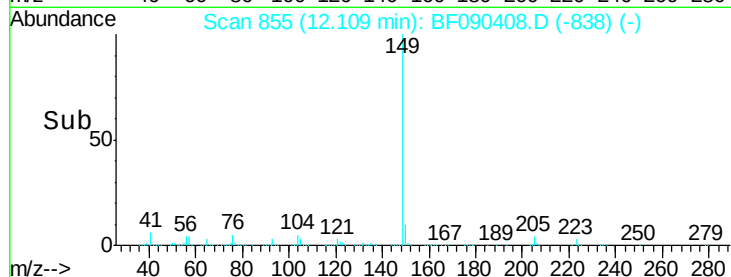
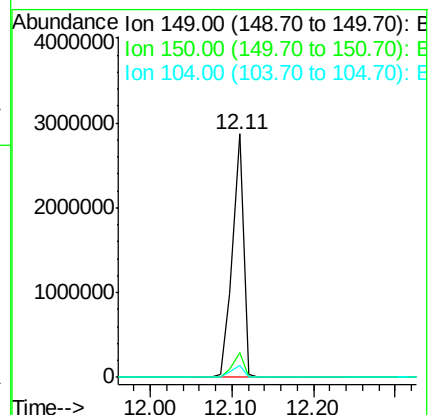
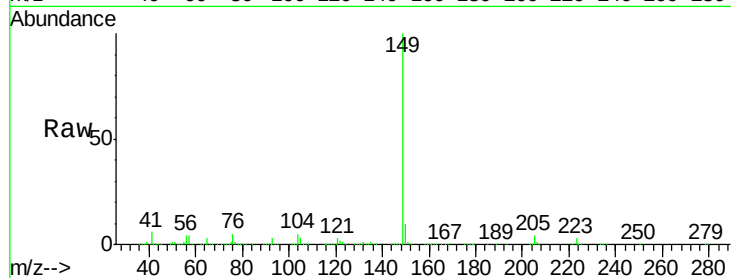
Tgt Ion:149 Resp: 2698630

Ion Ratio Lower Upper

149 100

150 10.4 8.6 12.8

104 5.0 4.7 7.1



#74

Fluoranthene

Concen: 46.61 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

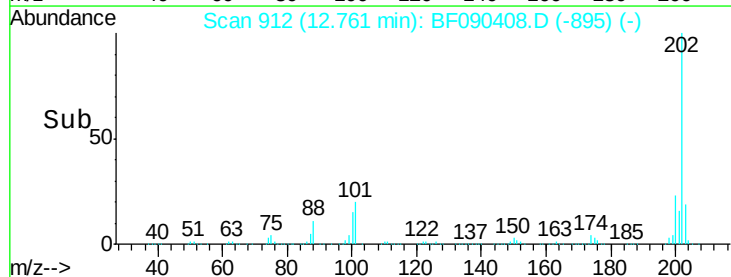
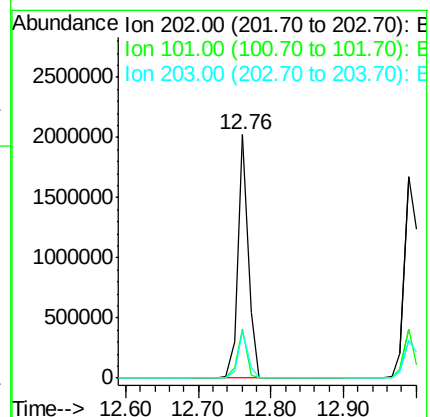
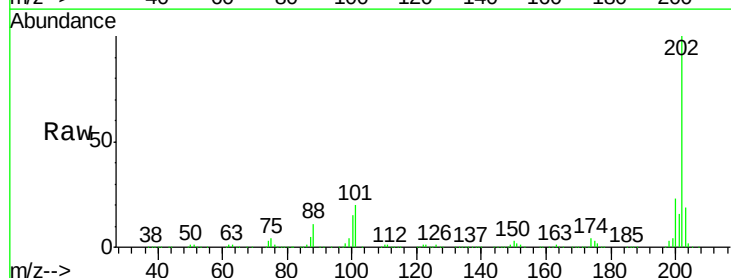
Tgt Ion:202 Resp: 1986698

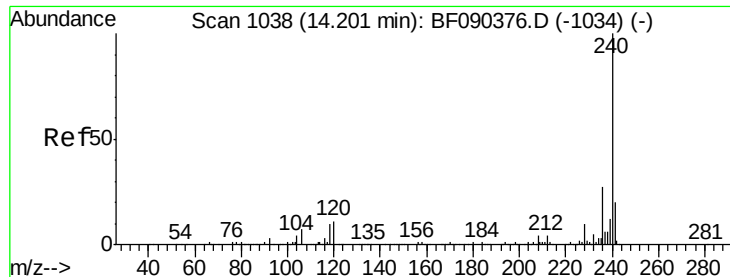
Ion Ratio Lower Upper

202 100

101 20.0 0.0 37.2

203 19.2 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

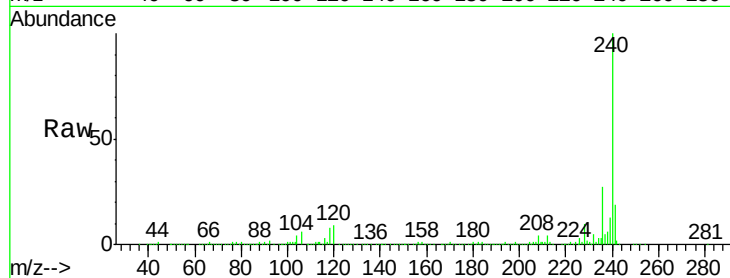
Tgt Ion:240 Resp: 632905

Ion Ratio Lower Upper

240 100

120 9.2 8.6 13.0

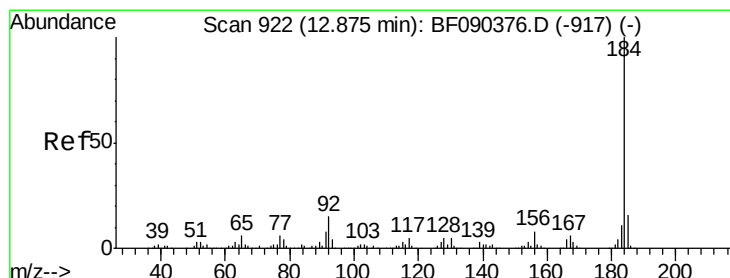
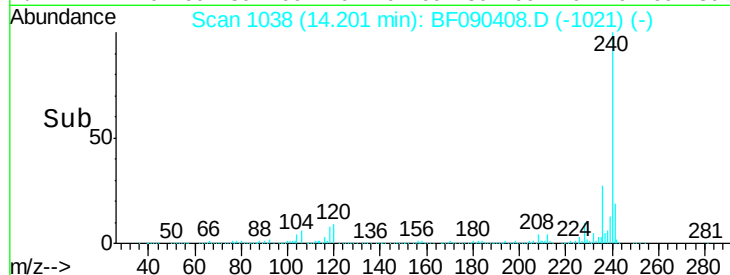
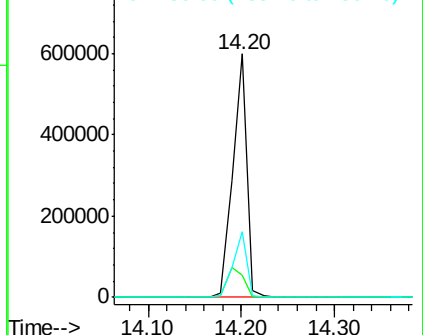
236 26.8 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.52 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

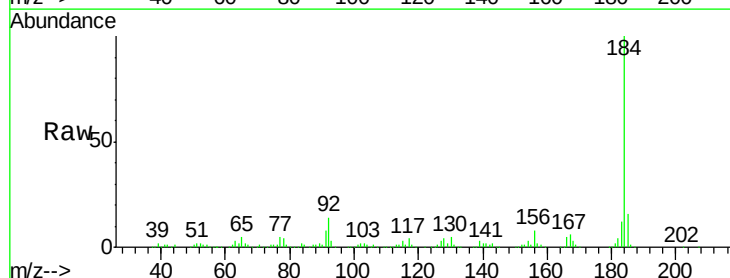
Tgt Ion:184 Resp: 807476

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.8

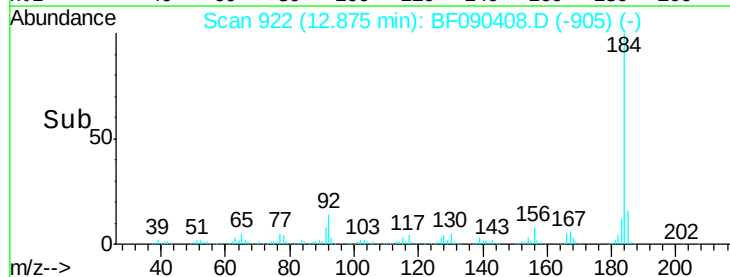
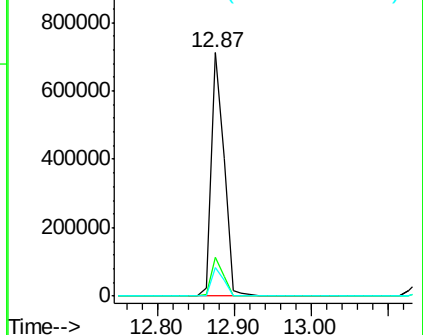
183 11.7 9.6 14.4

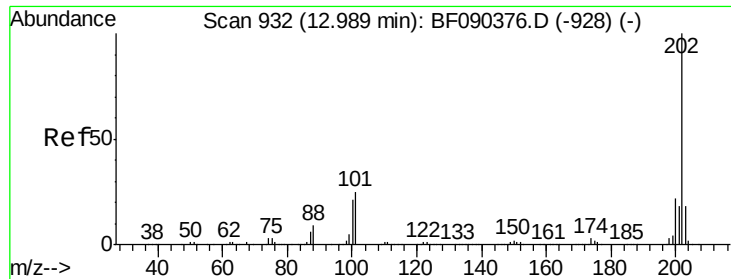


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

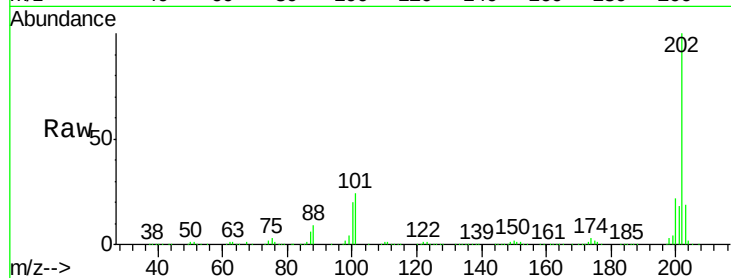




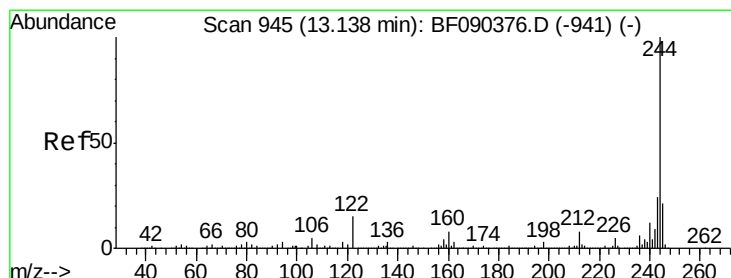
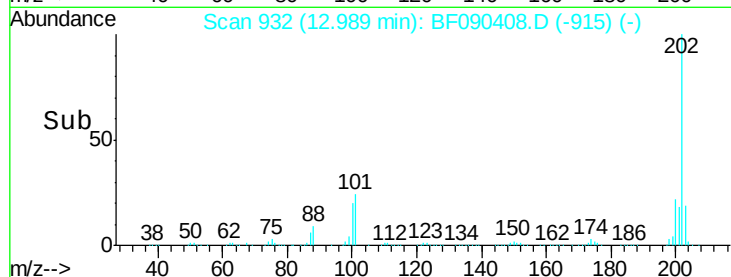
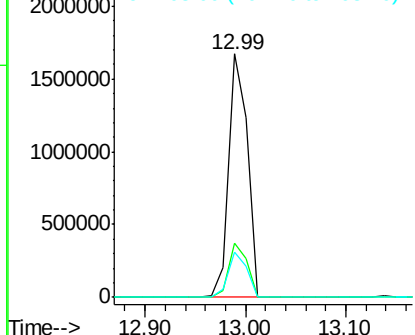
#77
Pyrene
 Concen: 50.99 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tgt Ion:202 Resp: 2151717
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.5 27.7
 203 18.6 15.0 22.6

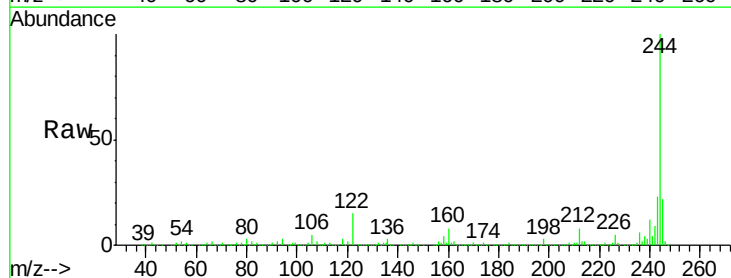


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

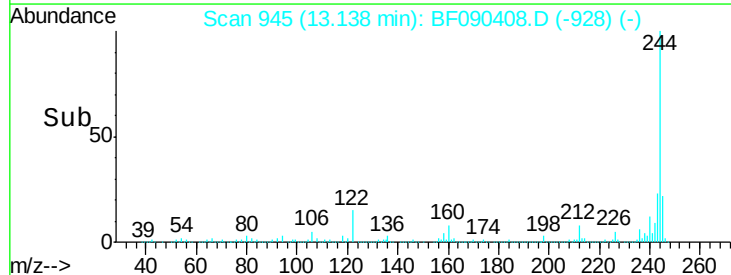
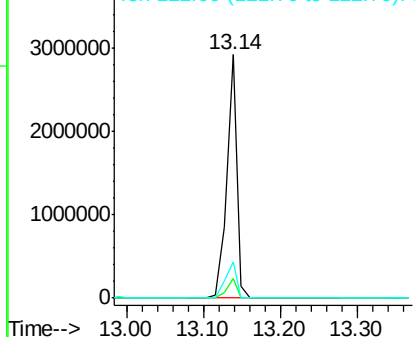


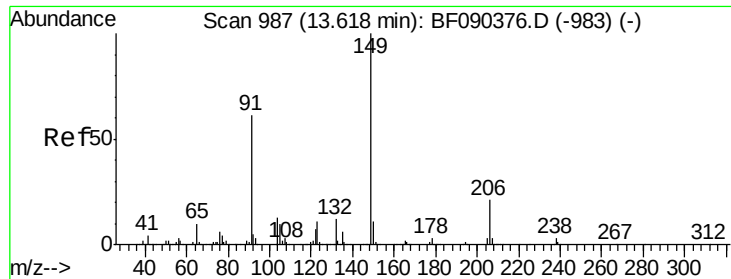
#78
Terphenyl-d14
 Concen: 96.62 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:244 Resp: 2720140
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.8 10.2
 122 14.8 13.3 19.9



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

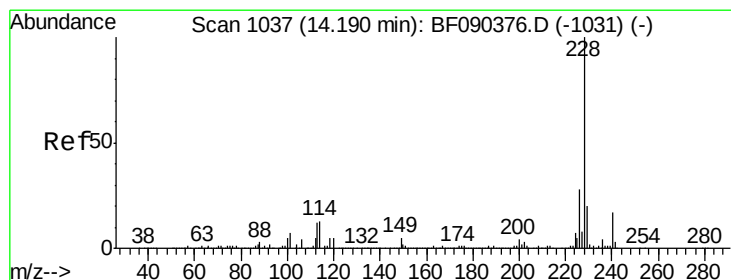
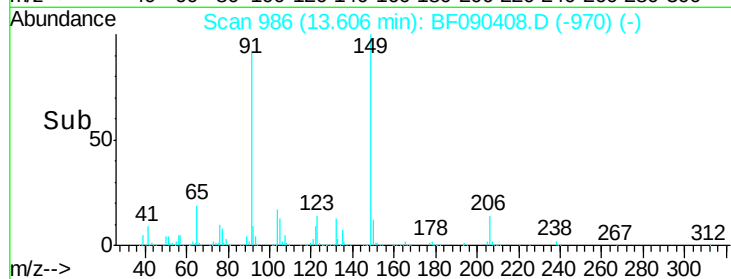
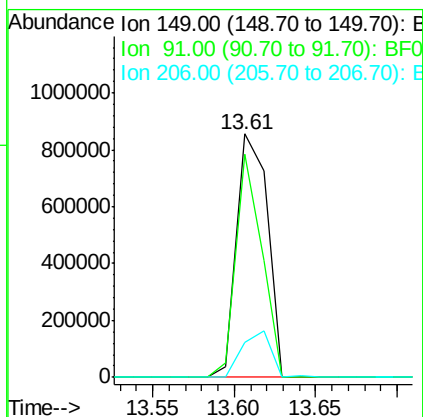
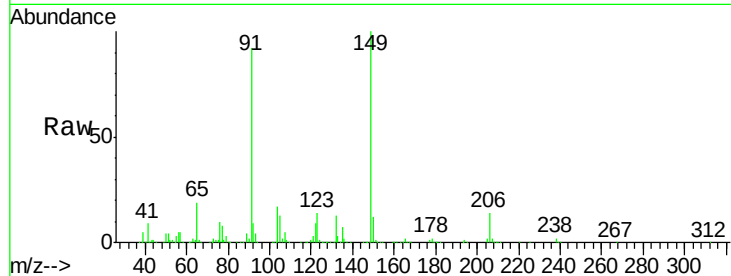




#79
Butylbenzylphthalate
Concen: 51.59 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

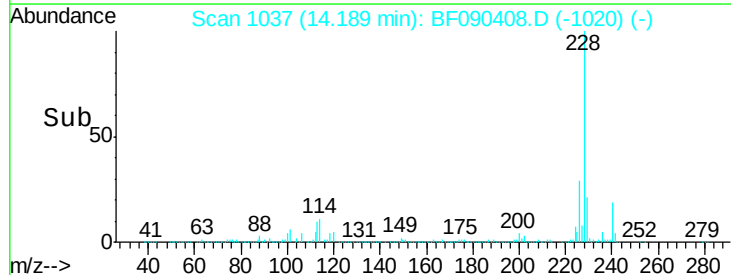
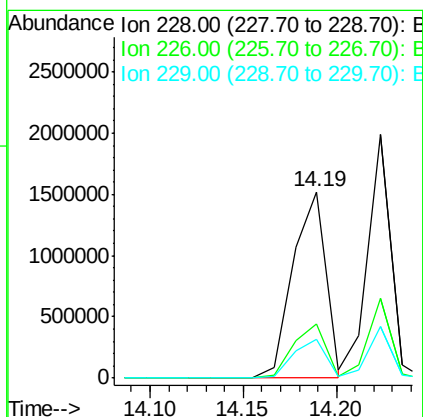
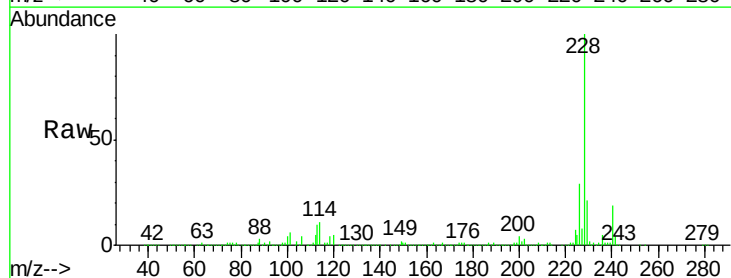
Instrument :
BNA_F
ClientSampleId :
PB93791BS

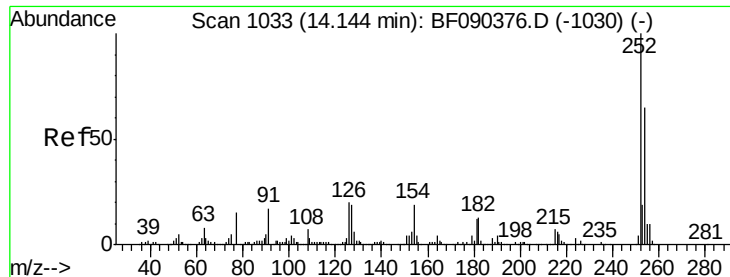
Tgt Ion:149 Resp: 1117089
Ion Ratio Lower Upper
149 100
91 91.8 51.8 77.8#
206 14.2 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 53.07 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:228 Resp: 1884391
Ion Ratio Lower Upper
228 100
226 29.0 23.6 35.4
229 20.8 16.6 25.0

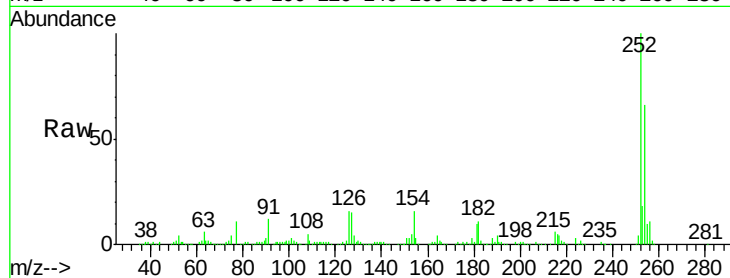




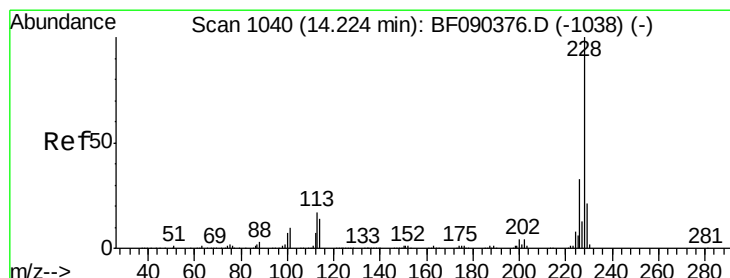
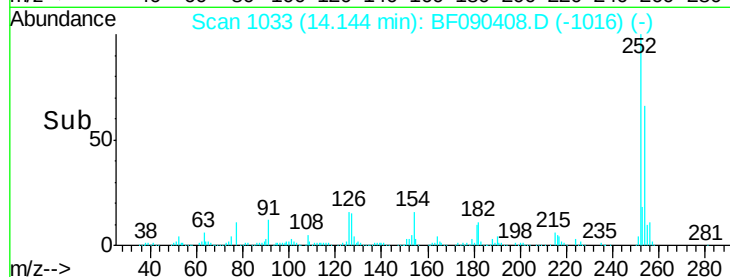
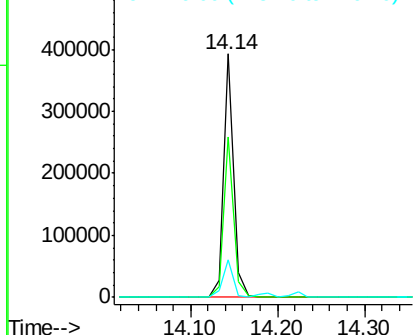
#81
 3,3'-Dichlorobenzidine
 Concen: 24.95 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

Tgt Ion: 252 Resp: 321195
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.1 78.1
 126 15.7 4.2 6.4#

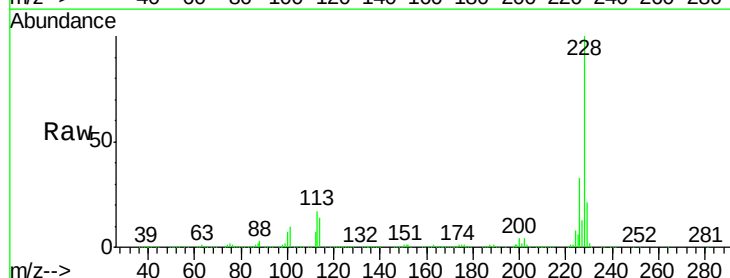


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

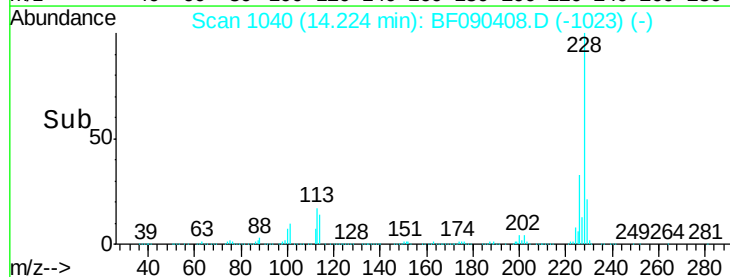
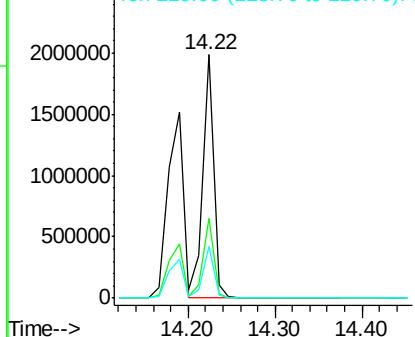


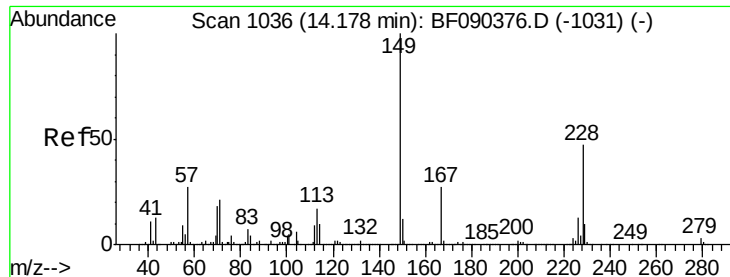
#82
 Chrysene
 Concen: 51.79 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion: 228 Resp: 1692479
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.8 38.6
 229 21.2 16.9 25.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.66 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

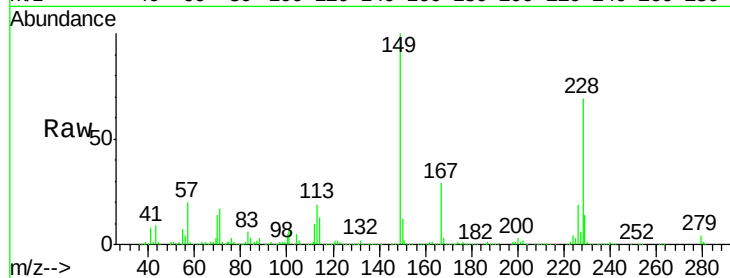
Tgt Ion:149 Resp: 1590178

Ion Ratio Lower Upper

149 100

167 29.2 21.5 32.3

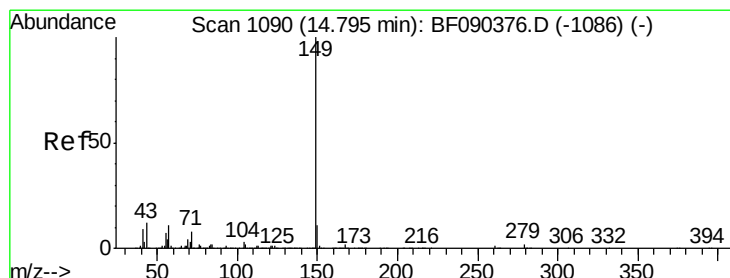
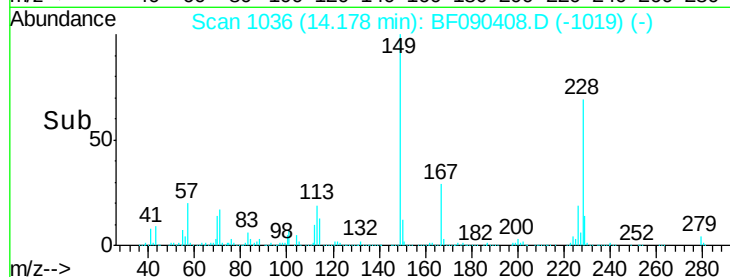
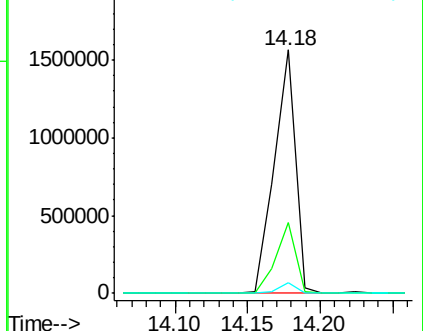
279 4.4 2.6 3.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.02 ng

RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

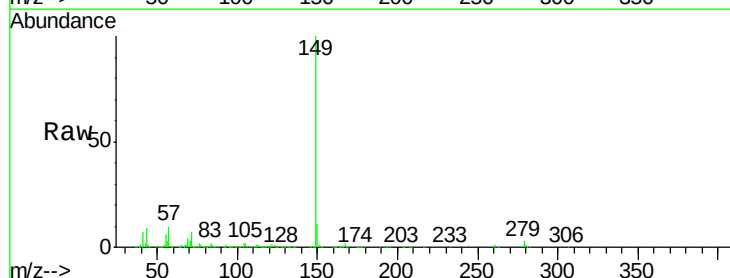
Tgt Ion:149 Resp: 2327943

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

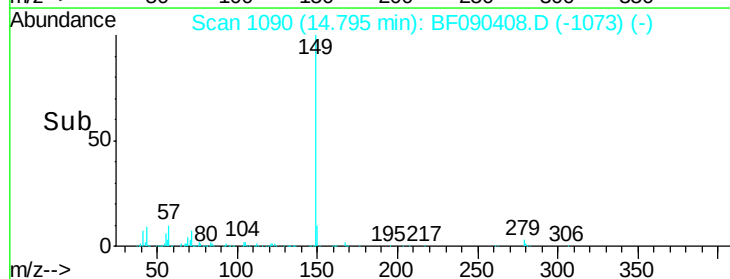
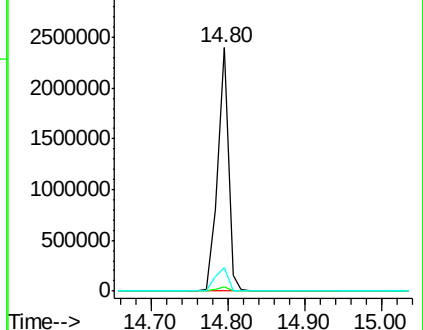
43 11.3 11.8 17.8#

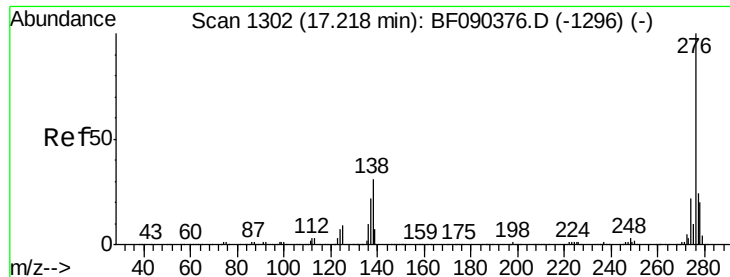


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

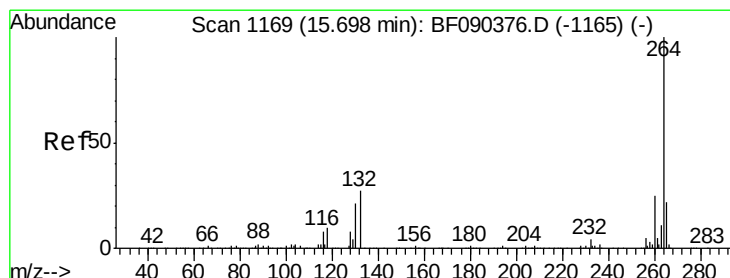
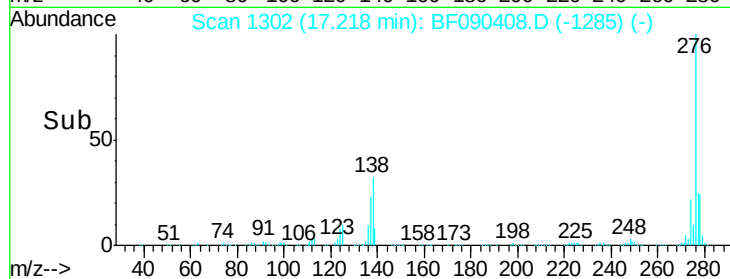
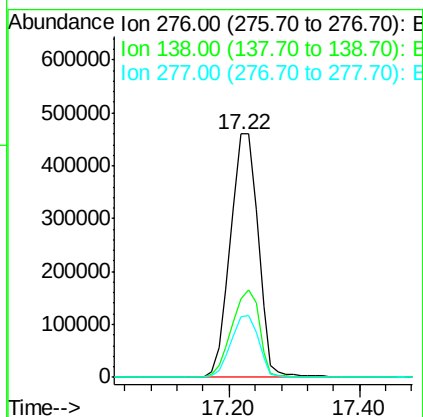
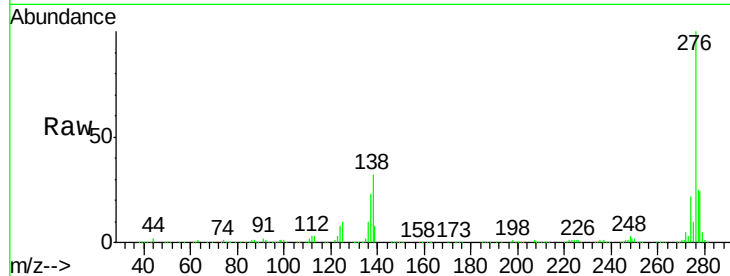




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.40 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

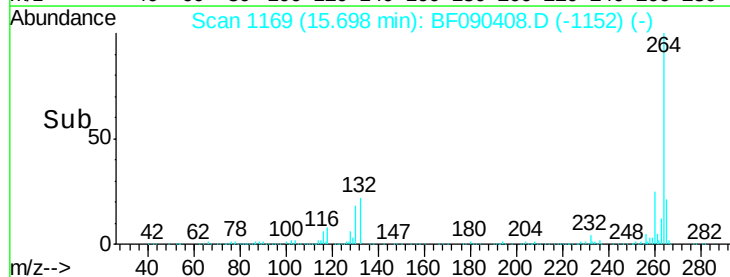
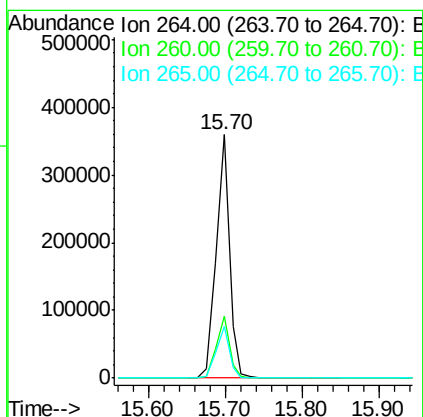
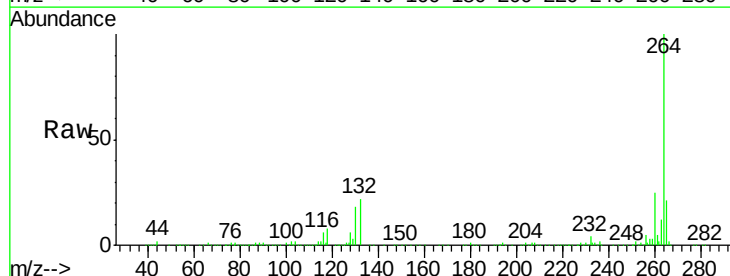
Instrument :
 BNA_F
 ClientSampleId :
 PB93791BS

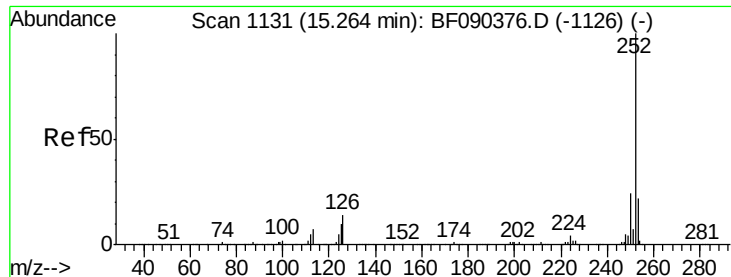
Tgt Ion:276 Resp: 1360741
 Ion Ratio Lower Upper
 276 100
 138 36.0 23.8 35.8#
 277 25.3 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090408.D
 Acq: 6 Oct 2016 4:22

Tgt Ion:264 Resp: 433665
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.3 28.9
 265 21.4 17.4 26.0

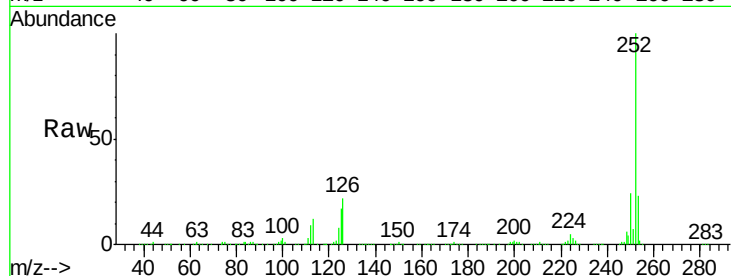




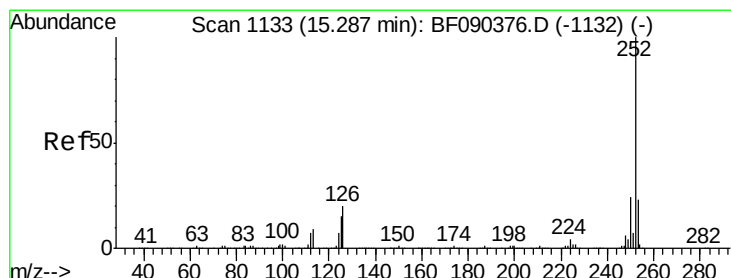
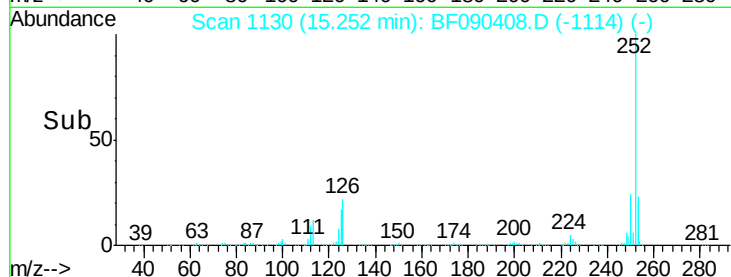
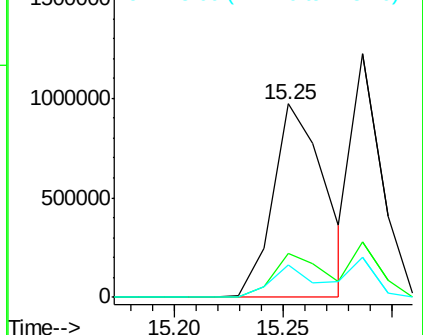
#87
Benzo(b)fluoranthene
Concen: 58.69 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tgt Ion:252 Resp: 1621248
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 16.6 7.0 10.4#

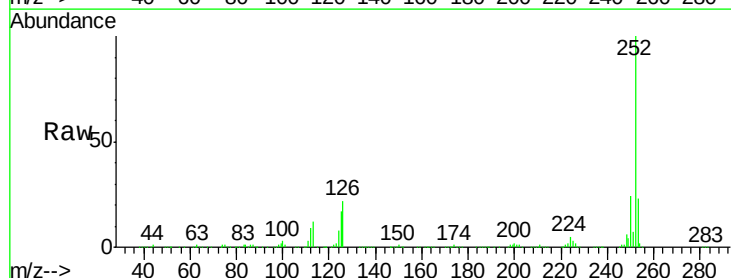


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

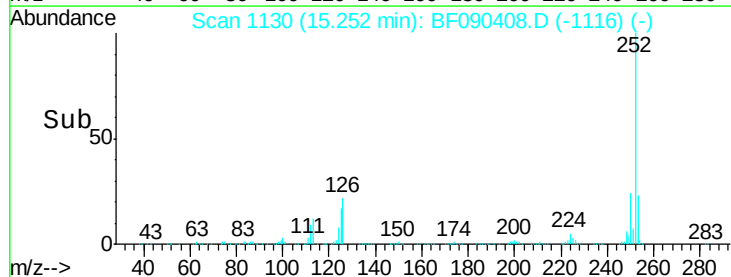
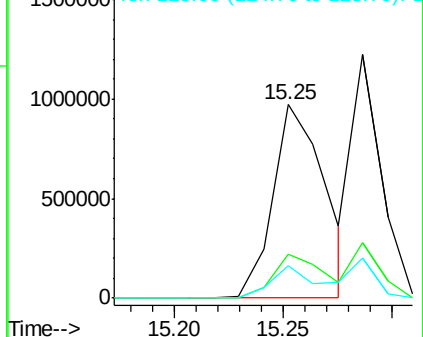


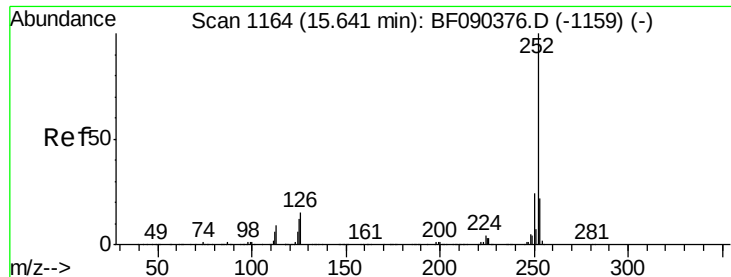
#88
Benzo(k)fluoranthene
Concen: 62.48 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:252 Resp: 1621248
Ion Ratio Lower Upper
252 100
253 22.6 18.6 27.8
125 16.6 11.7 17.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

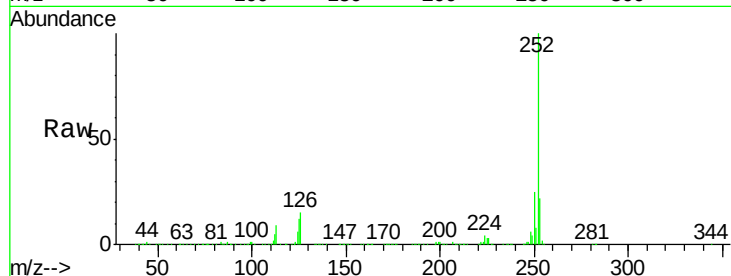




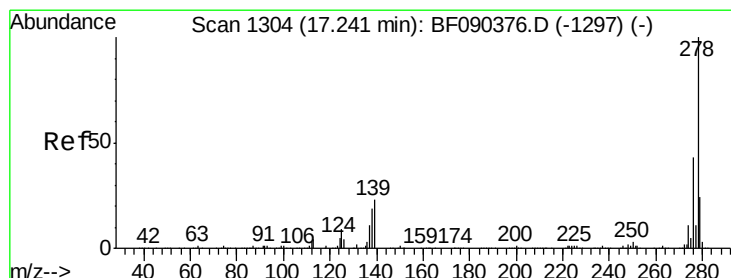
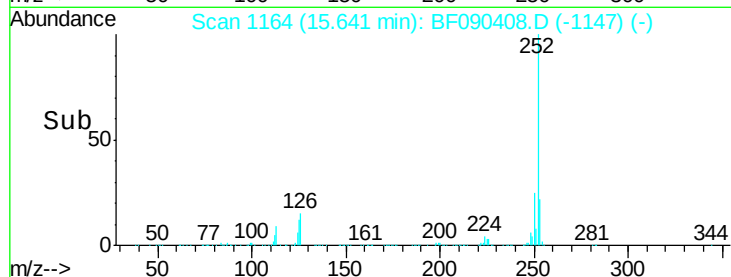
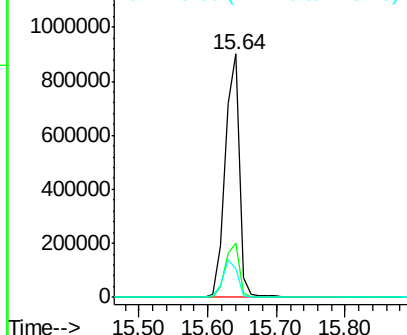
#89
Benzo(a)pyrene
Concen: 55.53 ng
RT: 15.64 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Tgt Ion:252 Resp: 1322171
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.7 9.8 14.8

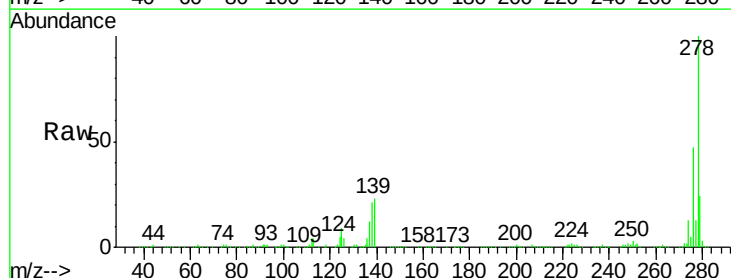


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

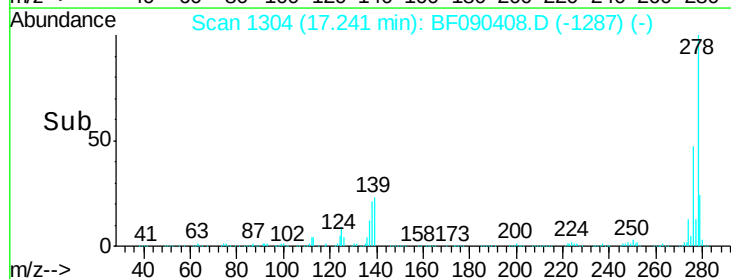
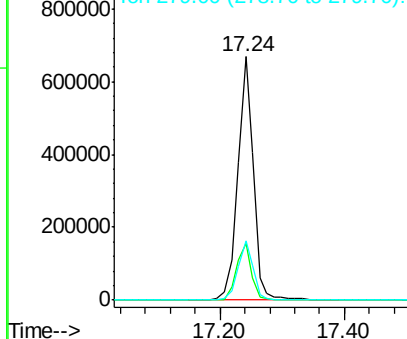


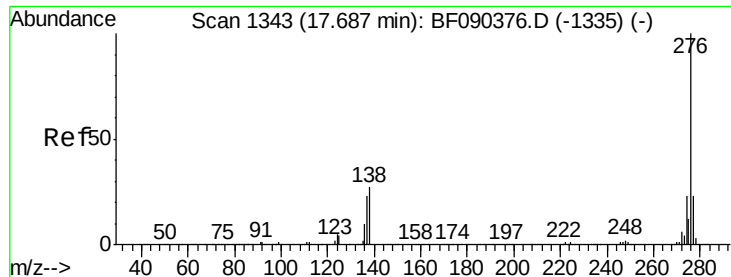
#90
Dibenzo(a,h)anthracene
Concen: 57.61 ng
RT: 17.24 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF090408.D
Acq: 6 Oct 2016 4:22

Tgt Ion:278 Resp: 1166901
Ion Ratio Lower Upper
278 100
139 23.3 12.8 19.2#
279 24.3 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 56.45 ng

RT: 17.69 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF090408.D

Acq: 6 Oct 2016 4:22

Instrument :

BNA_F

ClientSampleId :

PB93791BS

Tgt Ion:276 Resp: 1097380

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 29.0 20.8 31.2

