

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
 Data File : BF090108.D
 Acq On : 16 Sep 2016 16:07
 Operator : UM/SJ
 Sample : PB93420BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

Quant Time: Sep 16 23:04:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	175198	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	701152	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	393959	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	560022	20.00	ng	-0.01
75) Chrysene-d12	13.66	240	411795	20.00	ng	-0.01
86) Perylene-d12	14.98	264	360558	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	1347295	123.68	ng	0.00
7) Phenol-d6	6.20	99	1714416	120.21	ng	0.00
23) Nitrobenzene-d5	7.12	82	1071682	85.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	385240	97.35	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1566970	62.47	ng	-0.01
78) Terphenyl-d14	12.63	244	1372618	79.16	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	183994	32.35	ng	# 94
3) Pyridine	2.64	79	534768	37.31	ng	98
4) n-Nitrosodimethylamine	2.60	42	172525	38.09	ng	96
6) Aniline	6.20	93	356591	20.15	ng	# 89
8) 2-Chlorophenol	6.33	128	511437	40.75	ng	83
9) Benzaldehyde	6.08	77	41025	5.40	ng	98
10) Phenol	6.22	94	735377	45.94	ng	# 67
11) bis(2-Chloroethyl)ether	6.30	93	512733	39.94	ng	88
12) 1,3-Dichlorobenzene	6.48	146	518497	40.16	ng	99
13) 1,4-Dichlorobenzene	6.56	146	543256	40.76	ng	99
14) 1,2-Dichlorobenzene	6.71	146	444641m	36.71	ng	
15) Benzyl Alcohol	6.70	79	340134	42.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	623120	40.96	ng	97
17) 2-Methylphenol	6.82	107	421696	41.08	ng	99
18) Hexachloroethane	7.05	117	191582	39.61	ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	368727	41.61	ng	97
20) 3+4-Methylphenols	6.98	107	531834	42.67	ng	96
22) Acetophenone	6.96	105	675134	39.78	ng	# 96
24) Nitrobenzene	7.13	77	488298	37.17	ng	97
25) Isophorone	7.38	82	1070972	41.01	ng	100
26) 2-Nitrophenol	7.45	139	275593	43.27	ng	100
27) 2,4-Dimethylphenol	7.51	122	462800	41.30	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	637777	41.64	ng	99
29) 2,4-Dichlorophenol	7.70	162	443062	44.76	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	411431	42.13	ng	95
31) Naphthalene	7.85	128	1387961	40.27	ng	100
32) Benzoic acid	7.64	122	175949	20.21	ng	89
33) 4-Chloroaniline	7.91	127	165804	11.30	ng	98
34) Hexachlorobutadiene	7.98	225	200916	40.18	ng	100
35) Caprolactam	8.30	113	158412m	47.92	ng	
36) 4-Chloro-3-methylphenol	8.41	107	461706	40.17	ng	97
37) 2-Methylnaphthalene	8.55	142	971643	45.46	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	288047	28.43	ng	99
40) Hexachlorocyclopentadiene	8.70	237	305265	57.98	ng	98

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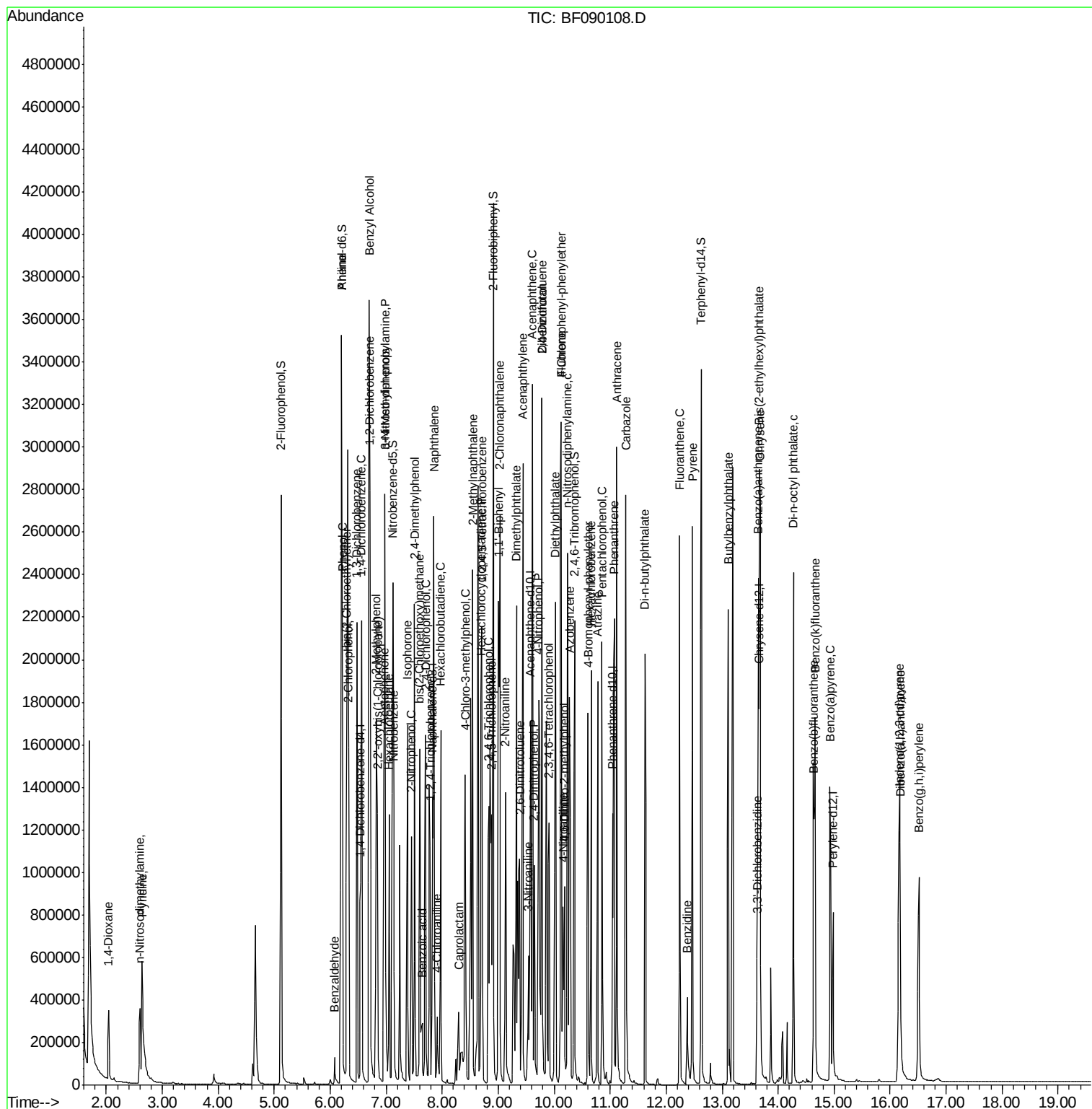
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	271487	36.98	nq	99
43) 2,4,5-Trichlorophenol	8.88	196	306377	38.79	nq	98
45) 1,1'-Biphenyl	9.00	154	951726	29.52	nq	100
46) 2-Chloronaphthalene	9.03	162	836918	35.04	nq	100
47) 2-Nitroaniline	9.13	65	276702	36.29	nq	87
48) Acenaphthylene	9.44	152	1363006	33.98	nq	99
49) Dimethylphthalate	9.32	163	1032798	35.30	nq	99
50) 2,6-Dinitrotoluene	9.38	165	250217	38.26	nq	# 61
51) Acenaphthene	9.61	154	799691	35.69	nq	100
52) 3-Nitroaniline	9.54	138	146488	18.41	nq	97
53) 2,4-Dinitrophenol	9.64	184	158547	44.60	nq	# 79
54) Dibenzofuran	9.78	168	1127329	36.38	nq	96
55) 4-Nitrophenol	9.72	139	352753	63.00	nq	88
56) 2,4-Dinitrotoluene	9.78	165	284439	35.68	nq	# 78
57) Fluorene	10.12	166	868172	36.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	228339	37.91	nq	95
59) Diethylphthalate	10.02	149	1027536	36.27	nq	98
60) 4-Chlorophenyl-phenylether	10.12	204	351483	36.42	nq	# 81
61) 4-Nitroaniline	10.16	138	273228	33.93	nq	99
62) Azobenzene	10.27	77	1085330	36.51	nq	99
64) 4,6-Dinitro-2-methylphenol	10.18	198	132552	35.29	nq	83
65) n-Nitrosodiphenylamine	10.24	169	759950	42.83	nq	100
66) 4-Bromophenyl-phenylether	10.60	248	255688	47.36	nq	# 92
67) Hexachlorobenzene	10.66	284	263488	41.42	nq	# 94
68) Atrazine	10.78	200	222931	42.28	nq	98
69) Pentachlorophenol	10.86	266	255406	68.53	nq	98
70) Phenanthrene	11.07	178	1246433	46.06	nq	99
71) Anthracene	11.12	178	1183743	40.06	nq	100
72) Carbazole	11.28	167	1275694	42.08	nq	99
73) Di-n-butylphthalate	11.62	149	1487669	43.76	nq	100
74) Fluoranthene	12.24	202	1132608	39.94	nq	98
76) Benzidine	12.38	184	278291	16.57	nq	97
77) Pyrene	12.47	202	1249432	41.57	nq	99
79) Butylbenzylphthalate	13.11	149	633069	42.30	nq	93
80) Benzo(a)anthracene	13.65	228	917433m	38.17	nq	
81) 3,3'-Dichlorobenzidine	13.62	252	184903	18.35	nq	99
82) Chrysene	13.68	228	819465m	36.34	nq	
83) Bis(2-ethylhexyl)phthalate	13.67	149	728369	39.35	nq	99
84) Di-n-octyl phthalate	14.27	149	1236159	37.36	nq	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	888958	45.37	nq	99
87) Benzo(b)fluoranthene	14.64	252	1090090m	51.57	nq	
88) Benzo(k)fluoranthene	14.66	252	606525m	31.87	nq	
89) Benzo(a)pyrene	14.93	252	815748	43.04	nq	# 92
90) Dibenzo(a,h)anthracene	16.18	278	774808	52.19	nq	98
91) Benzo(g,h,i)perylene	16.51	276	762397	53.82	nq	98

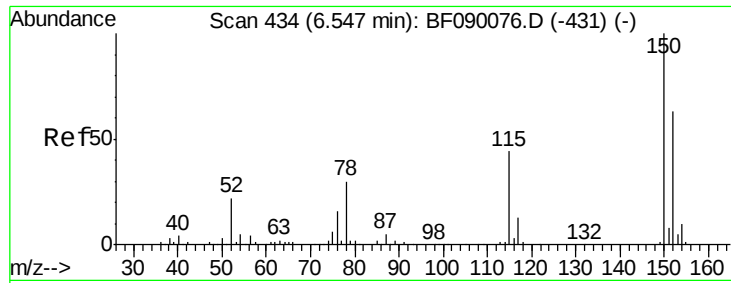
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

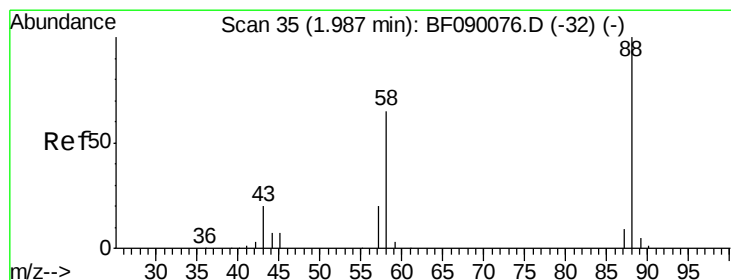
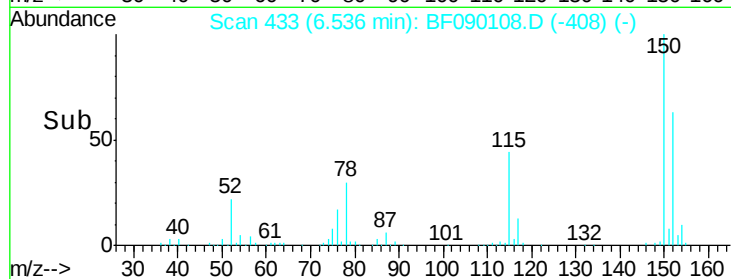
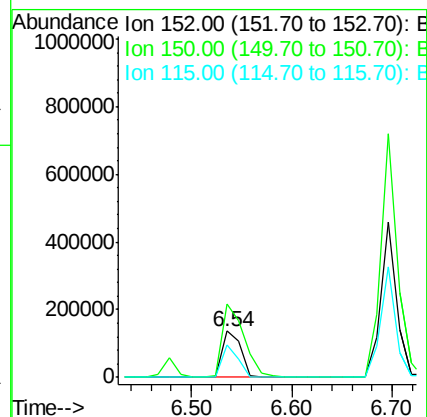
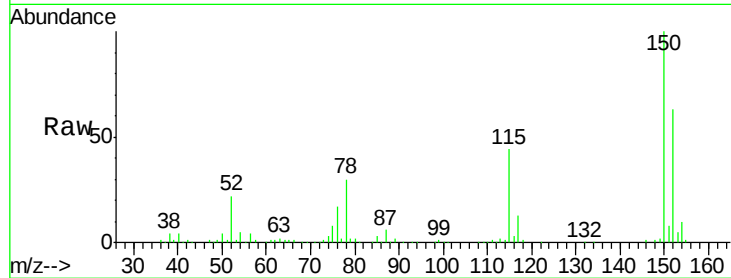
Tot Ion:152 Resp: 175198

Ion Ratio Lower Upper

152 100

150 159.5 128.9 193.3

115 69.4 55.5 83.3



#2

1,4-Dioxane

Concen: 32.35 ng

RT: 2.04 min Scan# 40

Delta R.T. 0.06 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

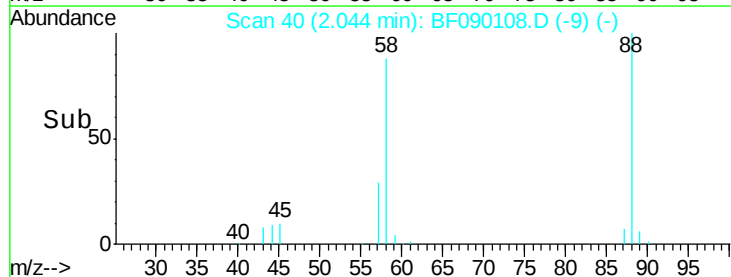
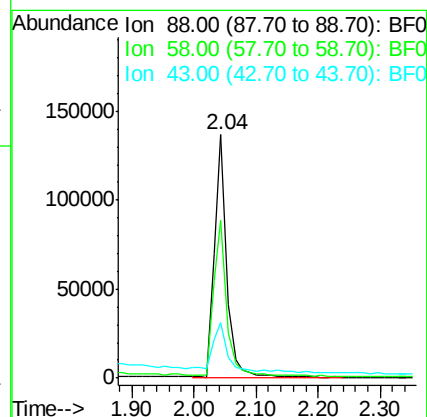
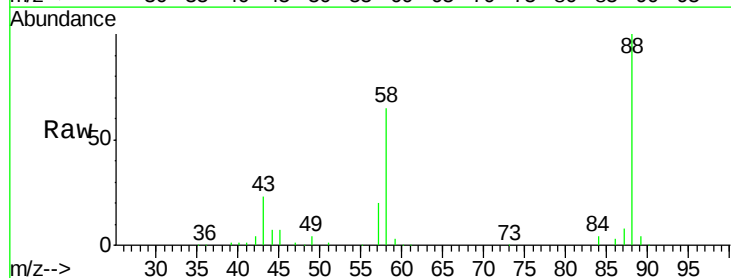
Tgt Ion: 88 Resp: 183994

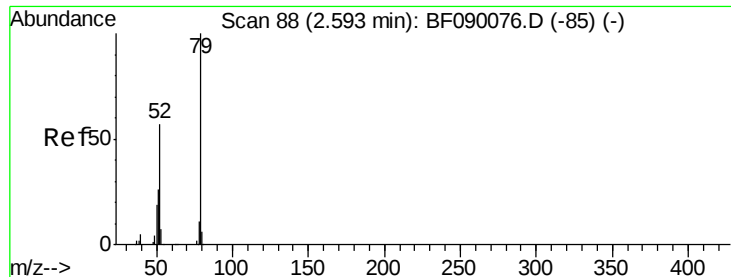
Ion Ratio Lower Upper

88 100

58 69.6 53.4 80.0

43 27.1 16.5 24.7#





#3

Pvridine

Concen: 37.31 ng

RT: 2.64 min Scan# 92

Delta R.T. 0.05 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

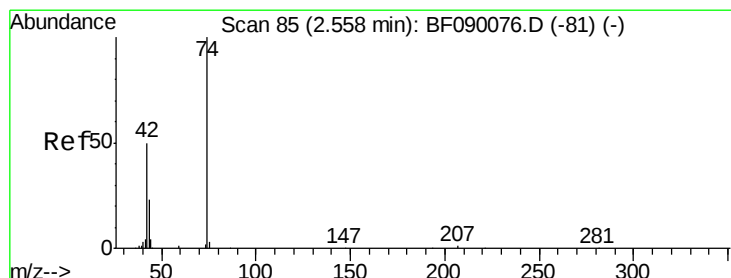
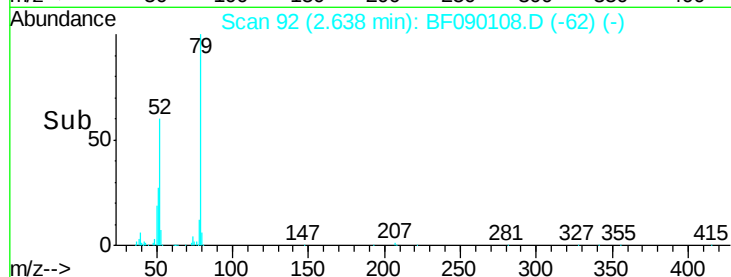
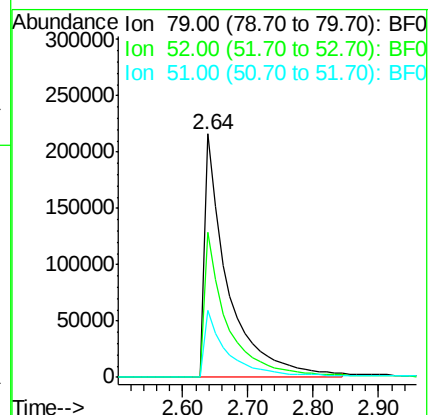
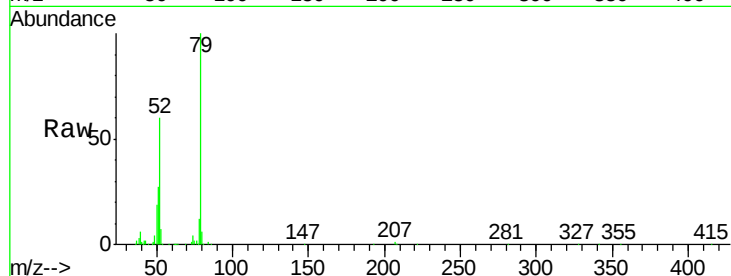
Tot Ion: 79 Resp: 534768

Ion Ratio Lower Upper

79 100

52 59.5 45.9 68.9

51 27.3 21.3 31.9



#4

n-Nitrosodimethylamine

Concen: 38.09 ng

RT: 2.60 min Scan# 89

Delta R.T. 0.05 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

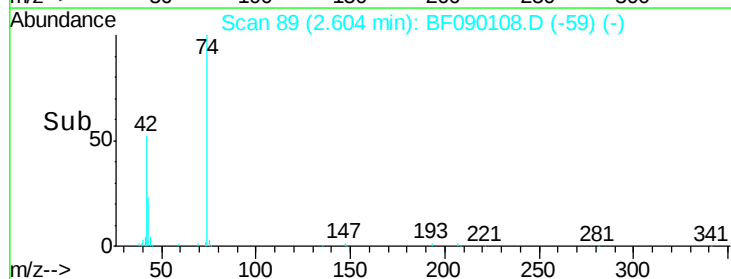
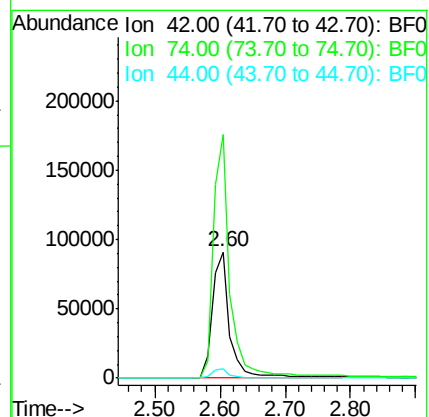
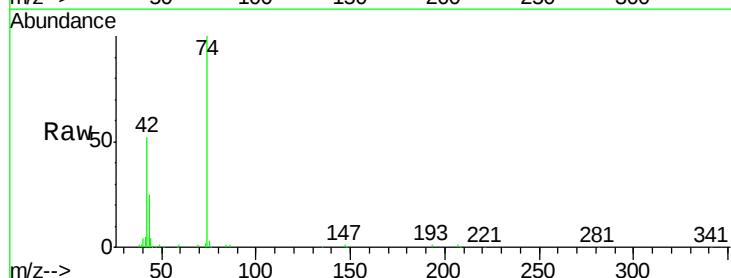
Tgt Ion: 42 Resp: 172525

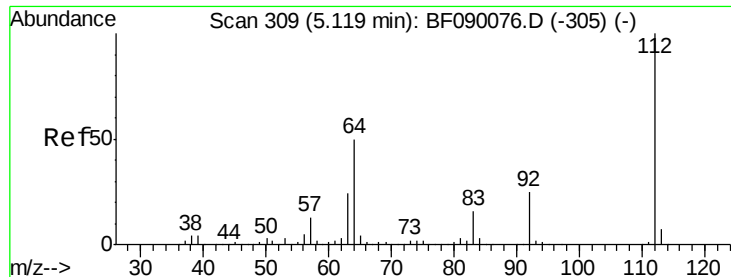
Ion Ratio Lower Upper

42 100

74 192.5 158.7 238.1

44 7.4 6.4 9.6





#5

2-Fluorophenol

Concen: 123.68 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampled :

PB93420BS

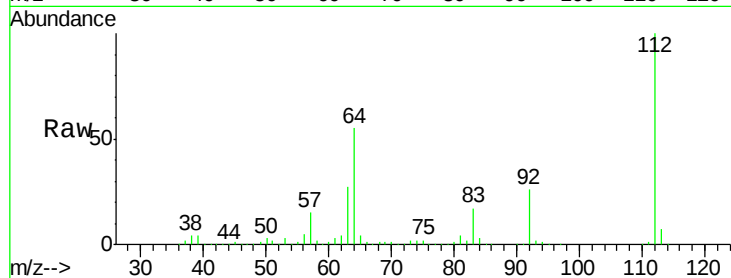
Tot Ion:112 Resp: 1347295

Ion Ratio Lower Upper

112 100

64 54.9 39.8 59.6

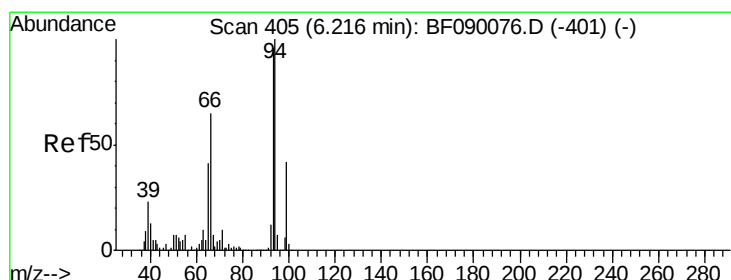
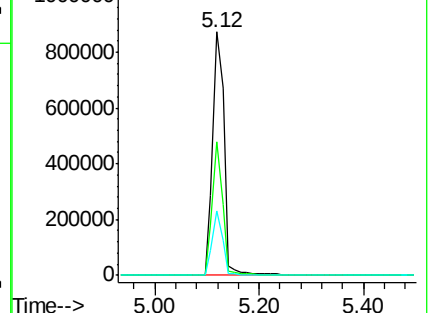
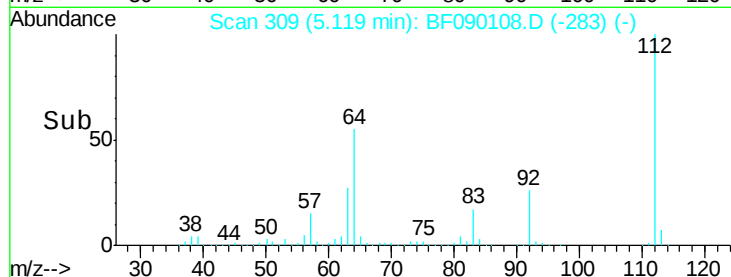
63 26.5 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.15 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

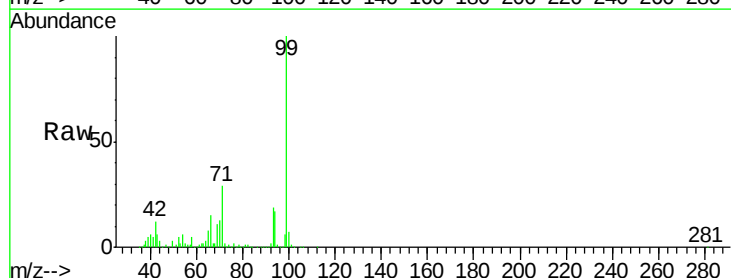
Tgt Ion: 93 Resp: 356591

Ion Ratio Lower Upper

93 100

66 81.5 54.2 81.2#

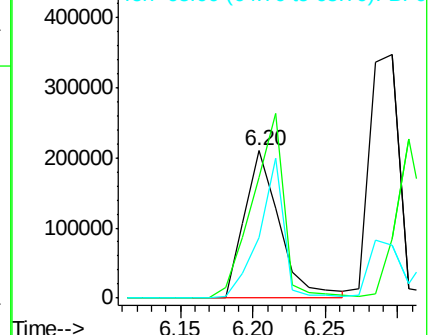
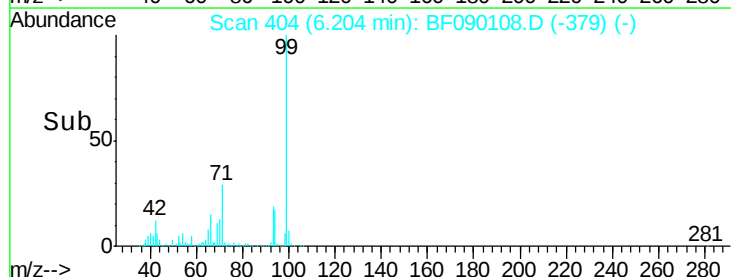
65 41.2 33.8 50.6

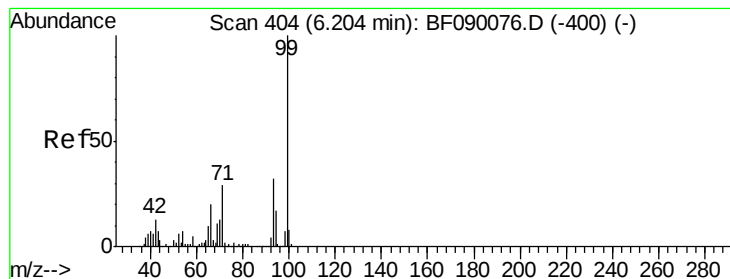


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.21 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

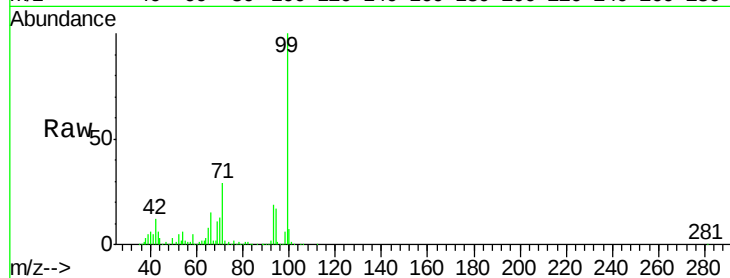
BNA_F

ClientSampleId :

PB93420BS

Tot Ion: 99 Resp: 1714416

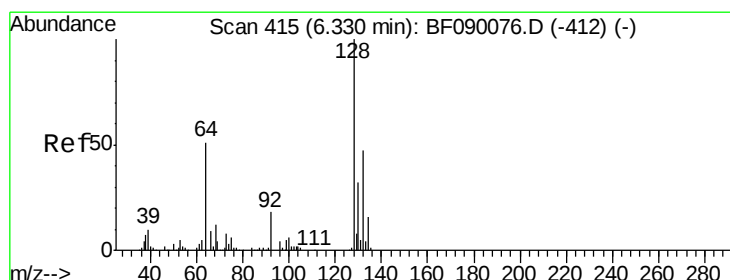
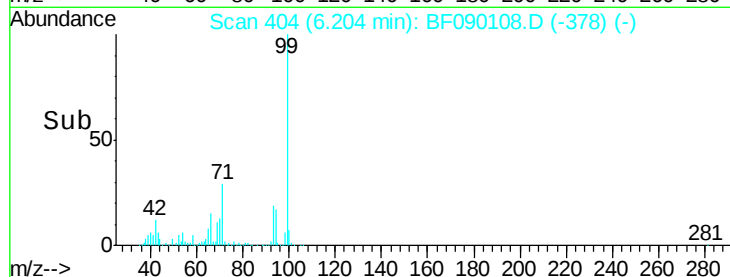
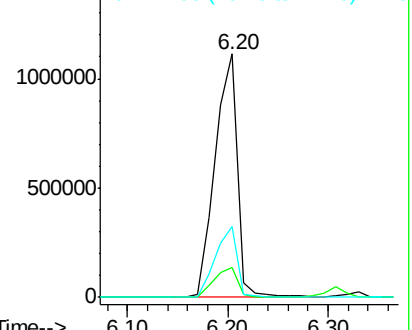
Ion	Ratio	Lower	Upper
99	100		
42	12.1	10.6	15.8
71	28.9	23.0	34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.75 ng

RT: 6.33 min Scan# 415

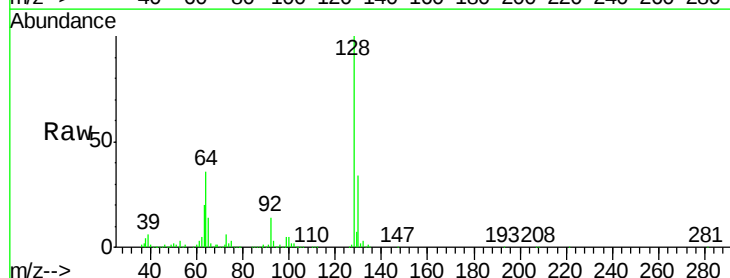
Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Tgt Ion: 128 Resp: 511437

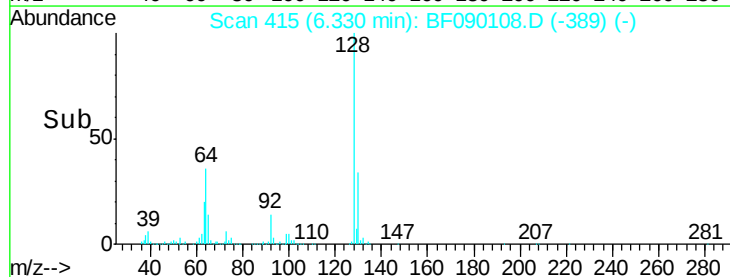
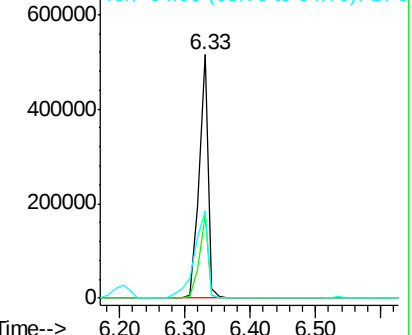
Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.0	52.0
64	35.8	33.6	73.6

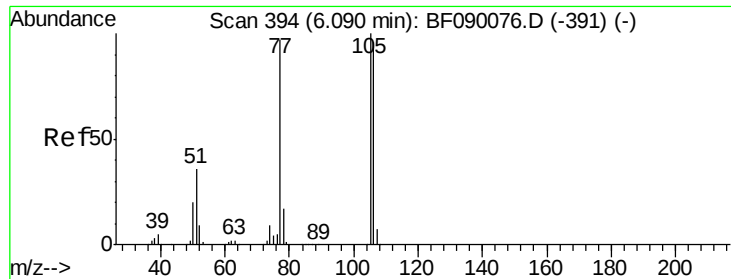


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.40 ng

RT: 6.08 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF090108.D

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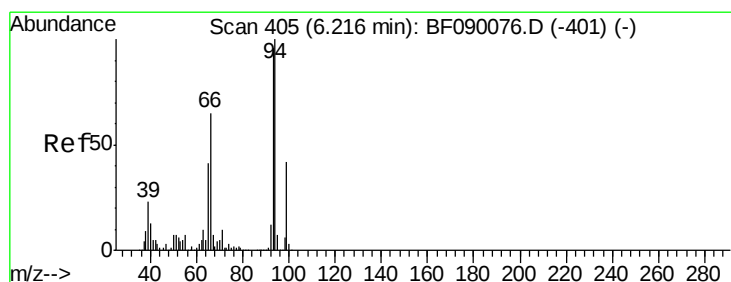
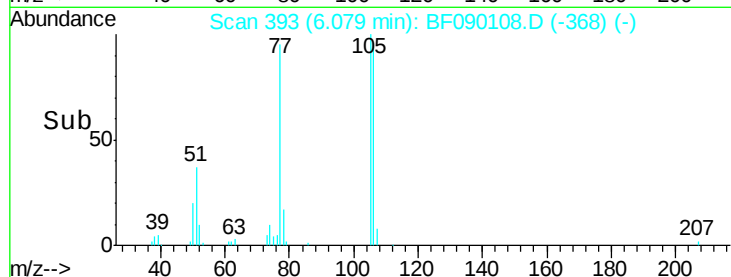
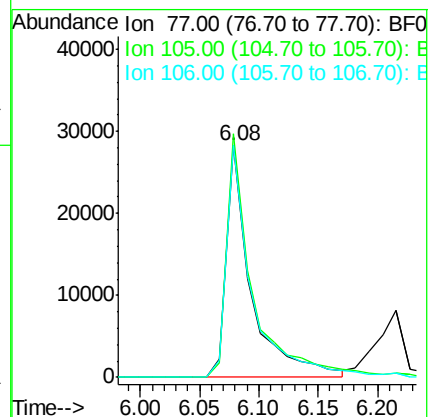
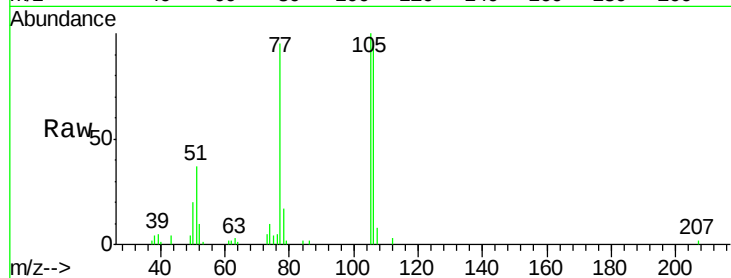
Tot Ion: 77 Resp: 41025

Ion Ratio Lower Upper

77 100

105 104.9 83.0 123.0

106 100.3 78.5 118.5



#10

Phenol

Concen: 45.94 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

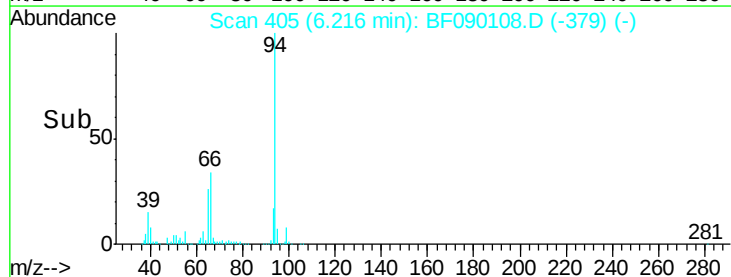
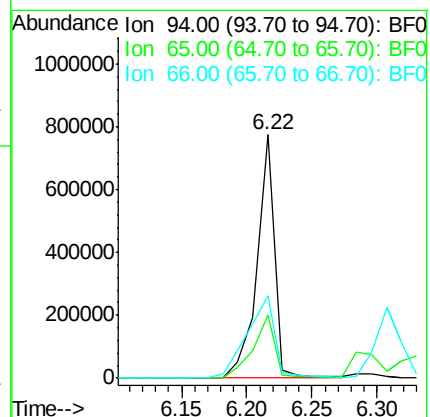
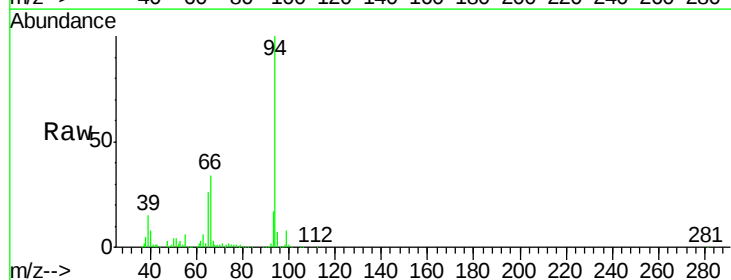
Tgt Ion: 94 Resp: 735377

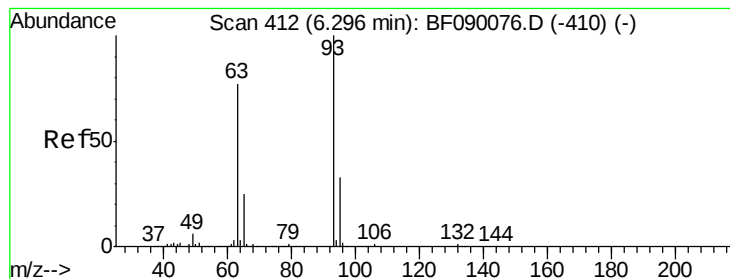
Ion Ratio Lower Upper

94 100

65 25.7 20.6 60.6

66 34.1 45.1 85.1#

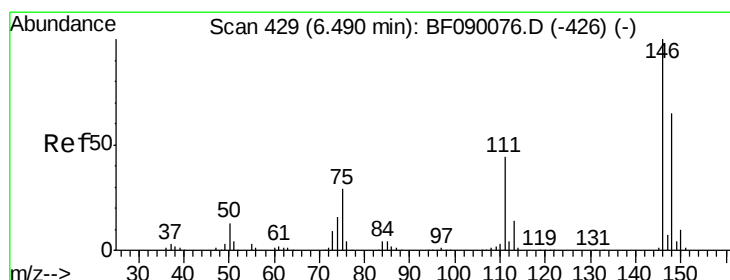
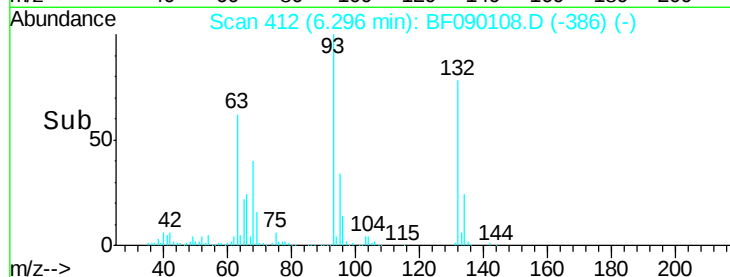
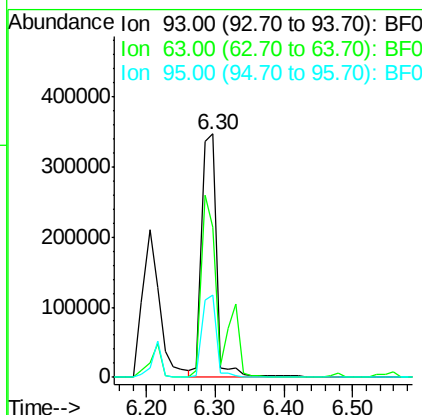
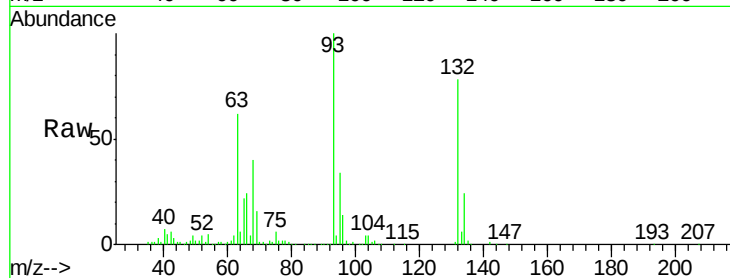




#11
bis(2-Chloroethyl)ether
Concen: 39.94 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

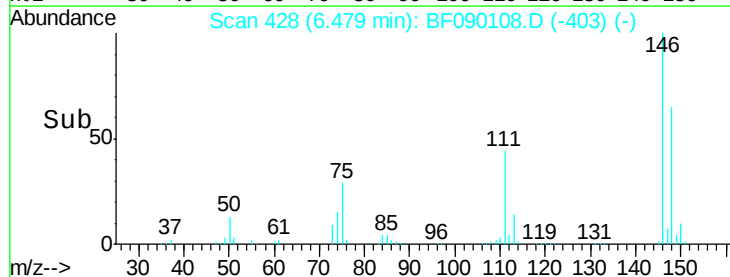
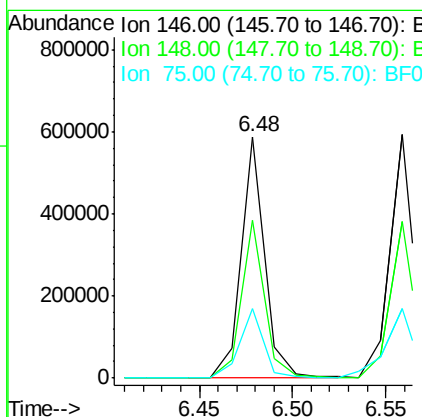
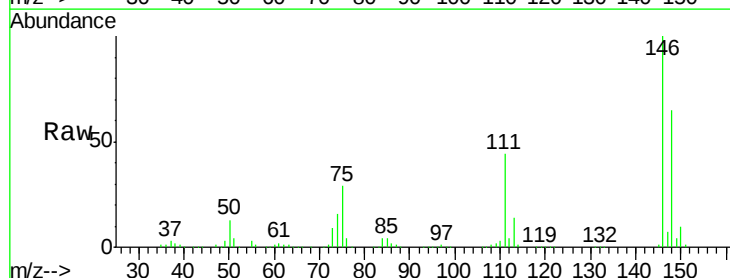
Instrument :
BNA_F
ClientSampleId :
PB93420BS

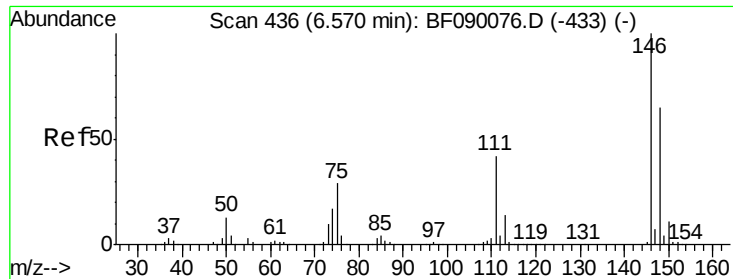
Tot Ion: 93 Resp: 512733
Ion Ratio Lower Upper
93 100
63 61.7 55.6 95.6
95 33.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.16 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion: 146 Resp: 518497
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 28.9 22.8 34.2

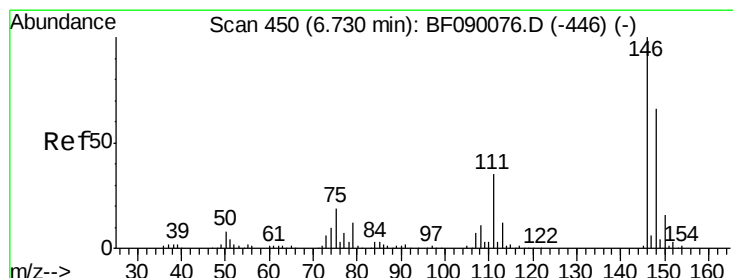
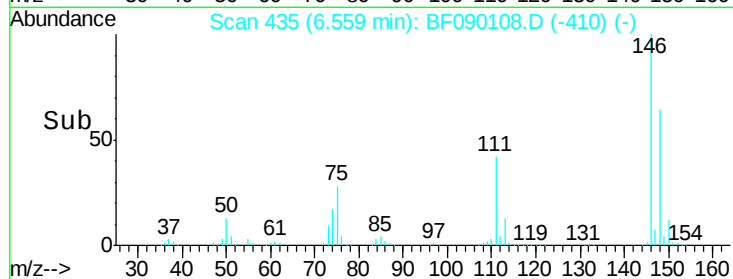
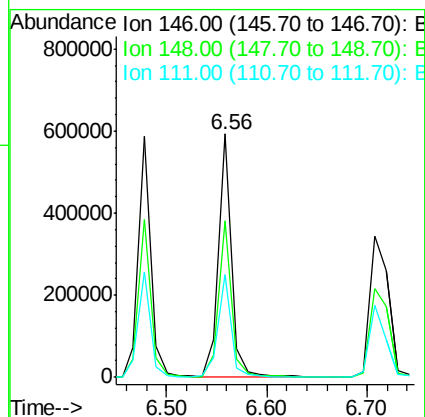
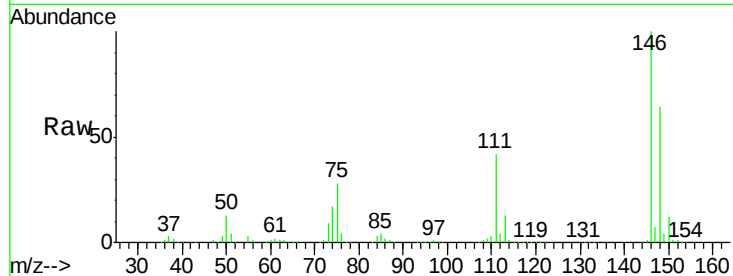




#13
 1,4-Dichlorobenzene
 Concen: 40.76 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

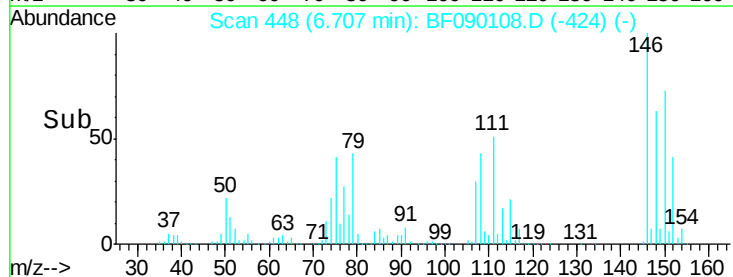
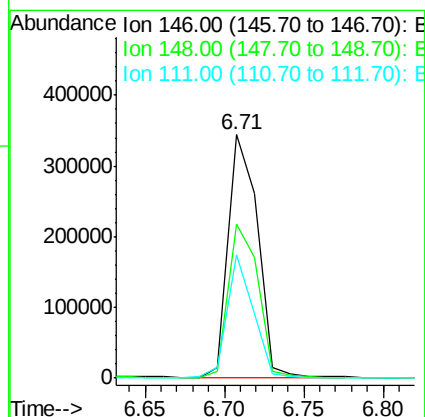
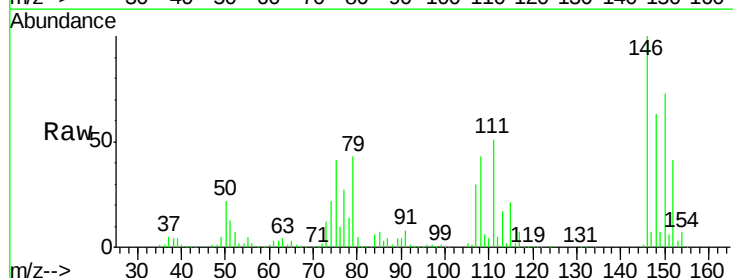
Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

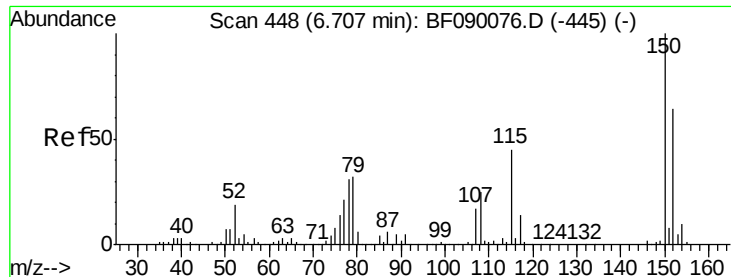
Tot Ion:146 Resp: 543256
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.0 78.0
 111 42.1 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 36.71 ng m
 RT: 6.71 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Tgt Ion:146 Resp: 444641
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.6 79.0
 111 50.9 28.2 42.2#

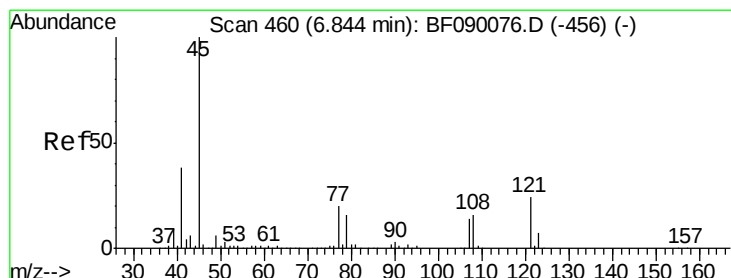
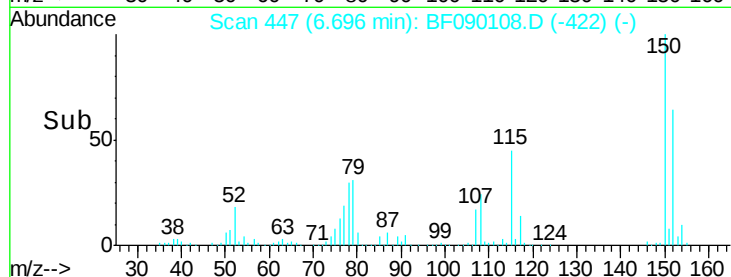
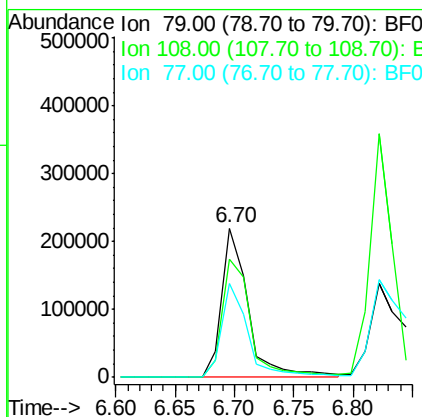
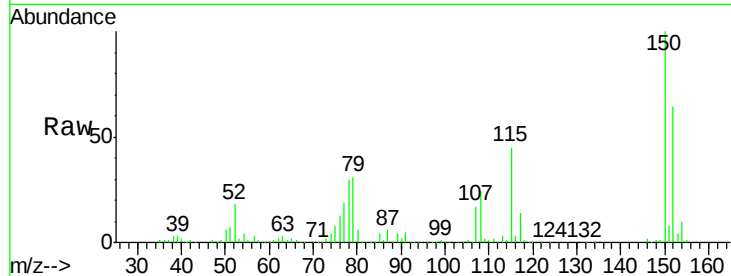




#15
Benzyl Alcohol
Concen: 42.35 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

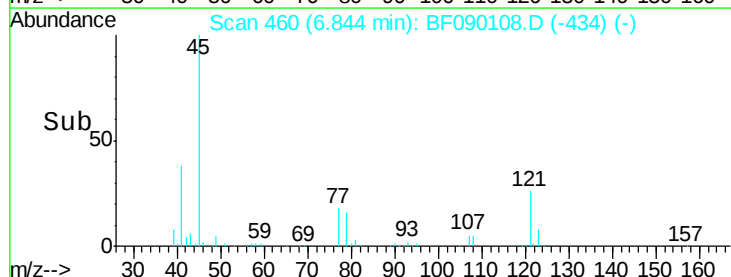
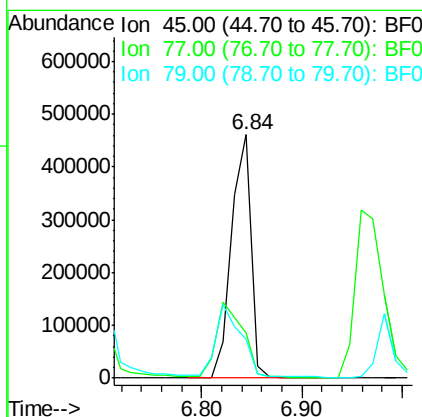
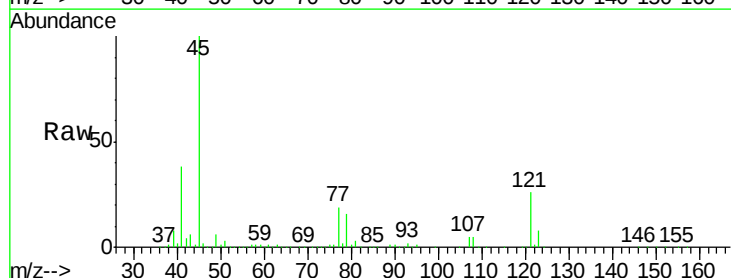
Instrument :
BNA_F
ClientSampleID :
PB93420BS

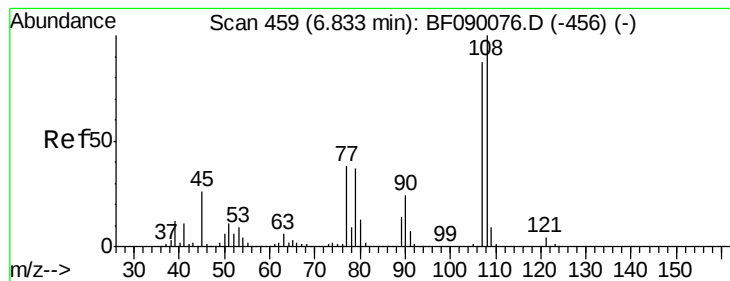
Tot Ion: 79 Resp: 340134
Ion Ratio Lower Upper
79 100
108 79.1 62.2 93.4
77 62.7 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.96 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion: 45 Resp: 623120
Ion Ratio Lower Upper
45 100
77 18.7 0.5 40.5
79 16.1 0.0 37.0

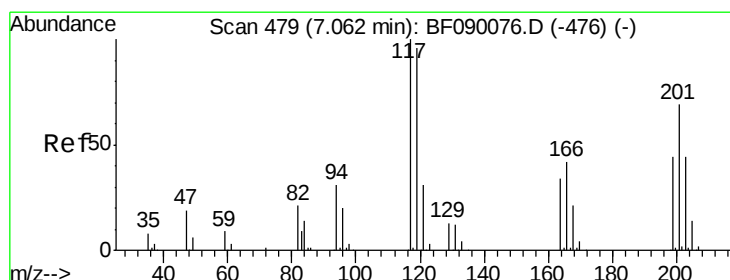
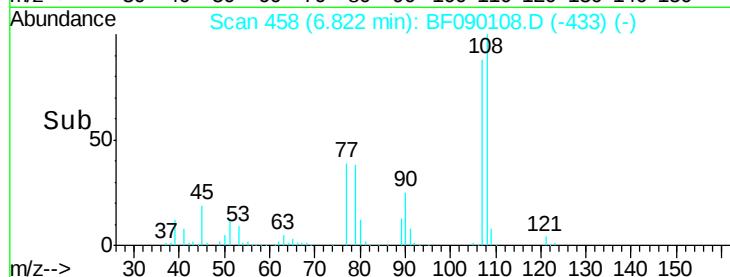
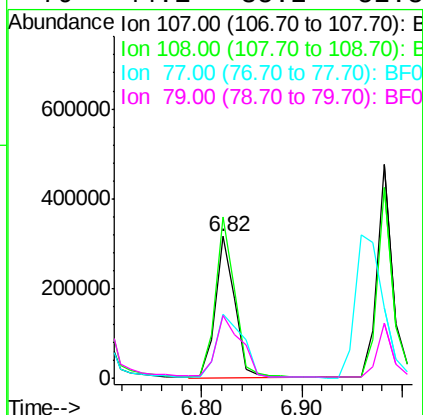
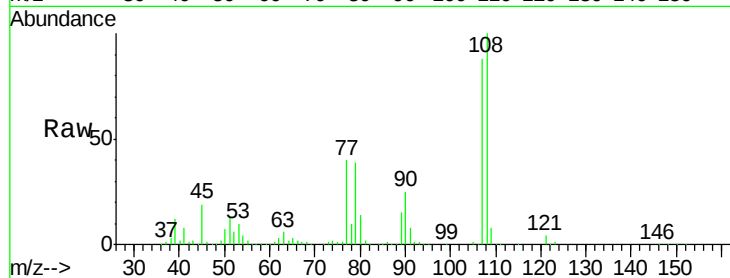




#17
2-Methylphenol
Concen: 41.08 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

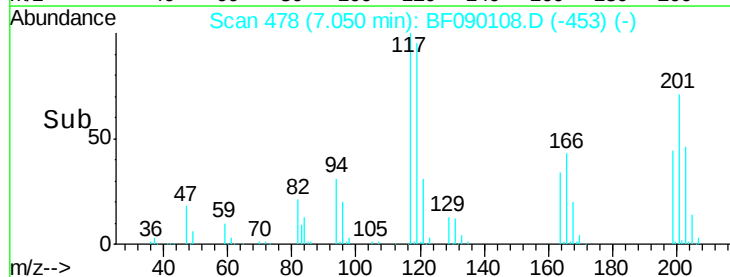
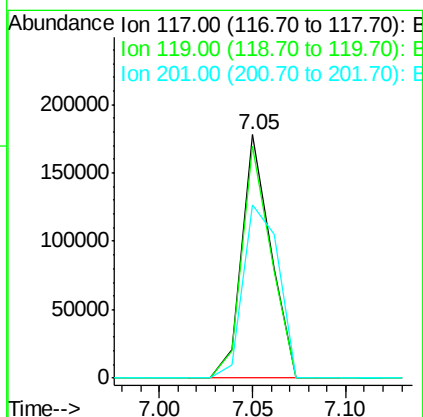
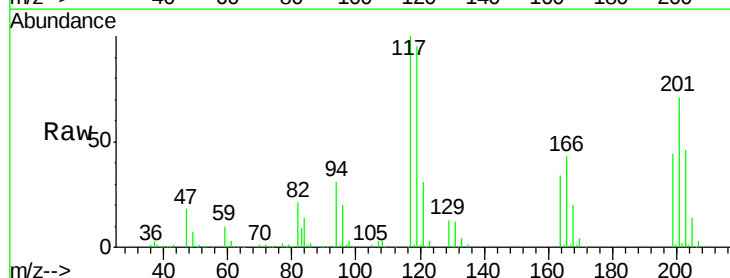
Instrument :
BNA_F
ClientSampleId :
PB93420BS

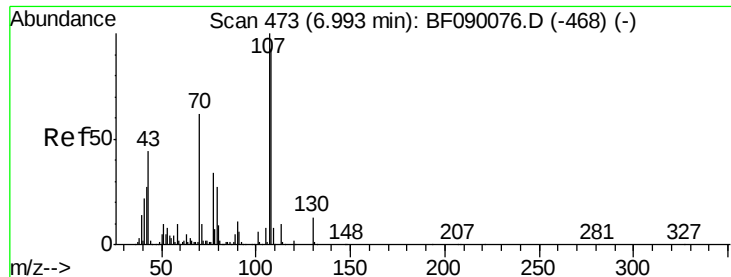
Tot Ion:	107	Resp:	421696
Ion	Ratio	Lower	Upper
107	100		
108	113.7	92.0	138.0
77	45.6	35.6	53.4
79	44.1	35.2	52.8



#18
Hexachloroethane
Concen: 39.61 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:	117	Resp:	191582
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.6	115.0
201	71.1	55.5	83.3

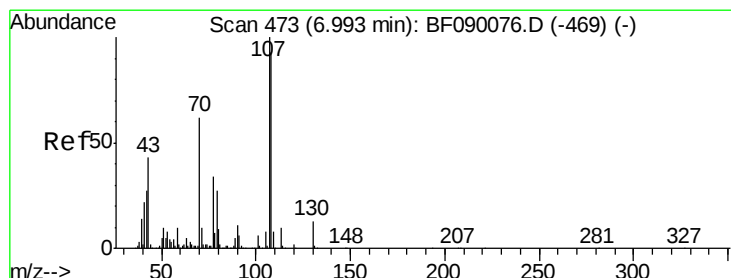
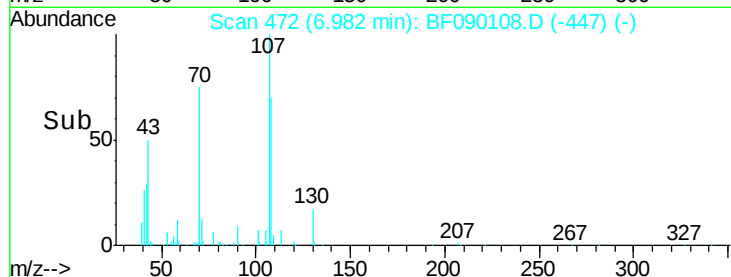
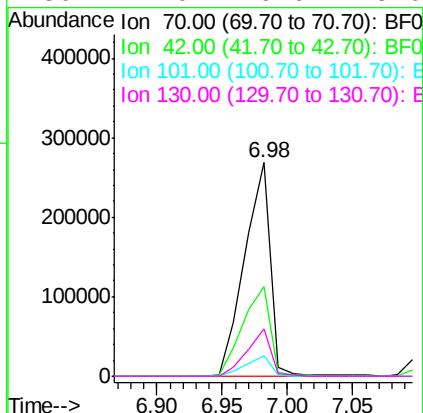
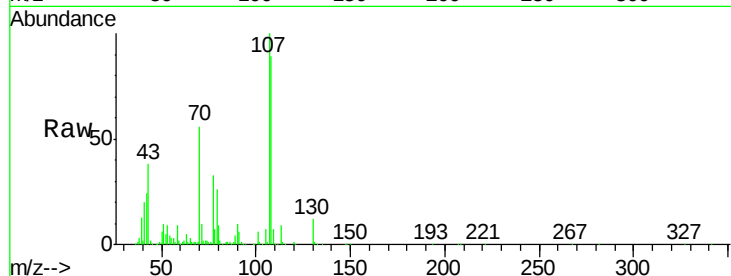




#19
n-Nitroso-di-n-propylamine
Concen: 41.61 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

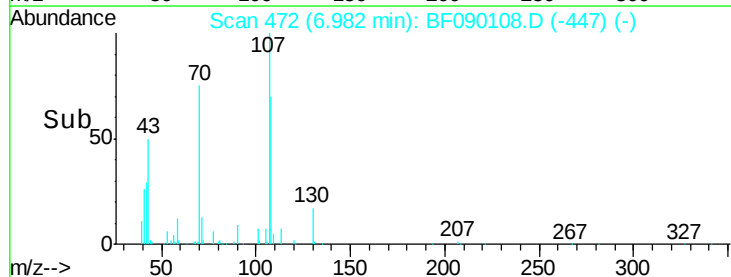
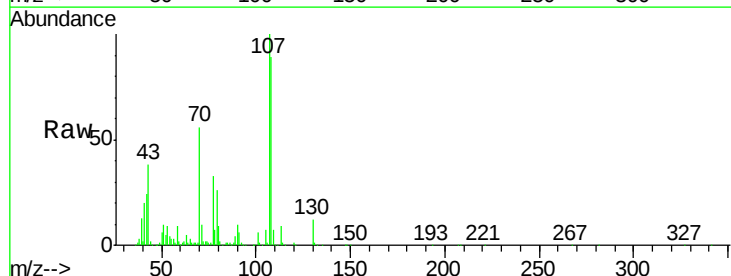
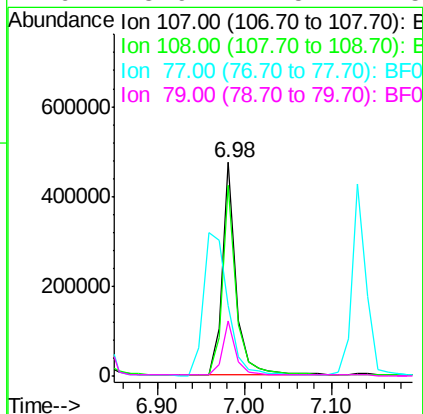
Instrument :
BNA_F
ClientSampleId :
PB93420BS

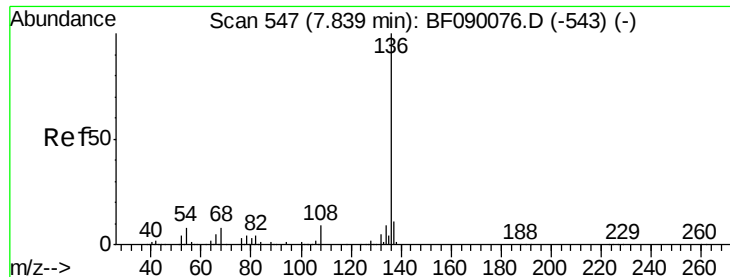
Tot Ion: 70 Resp: 368727
Ion Ratio Lower Upper
70 100
42 41.8 35.1 52.7
101 9.9 7.5 11.3
130 22.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.67 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:107 Resp: 531834
Ion Ratio Lower Upper
107 100
108 89.1 73.3 113.3
77 33.1 14.1 54.1
79 25.9 7.5 47.5

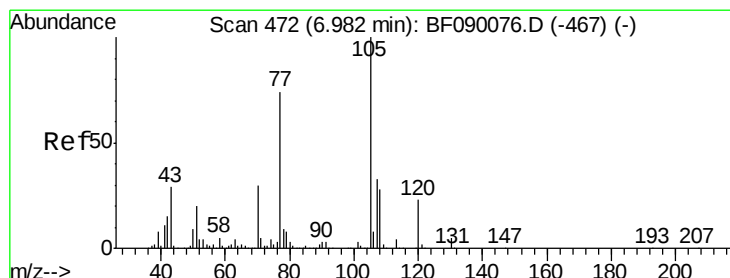
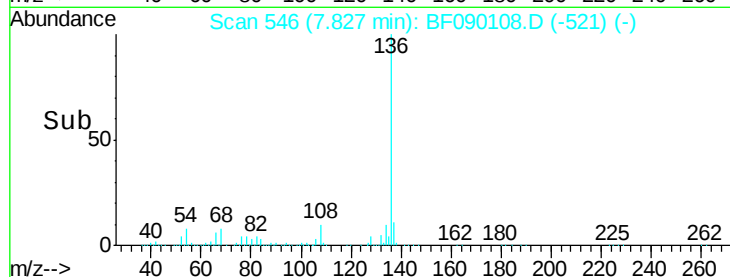
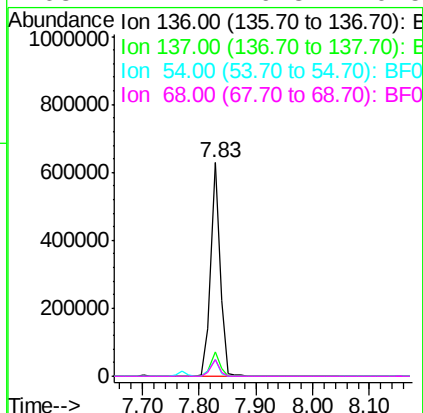
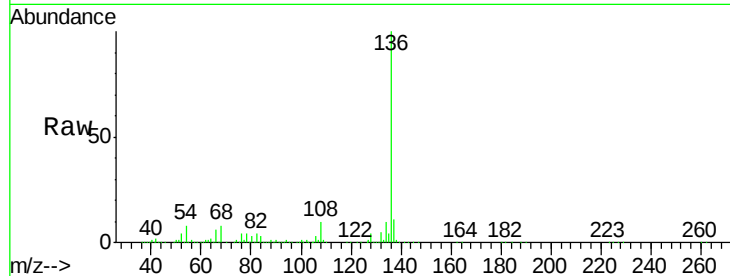




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

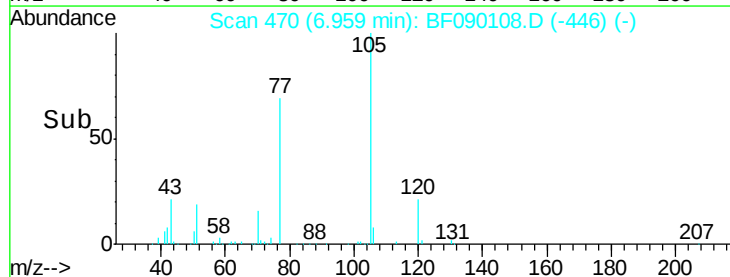
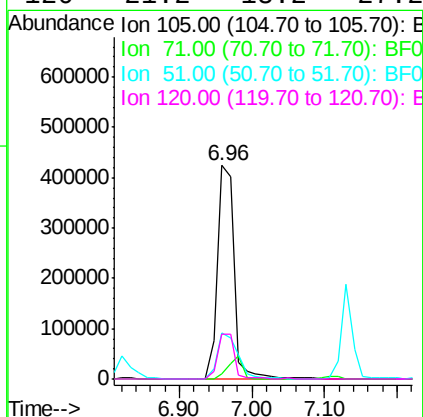
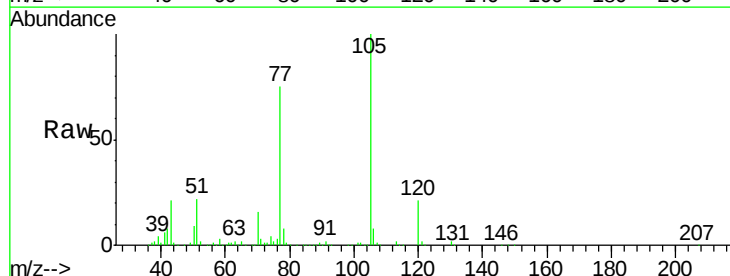
Instrument :
BNA_F
ClientSampleId :
PB93420BS

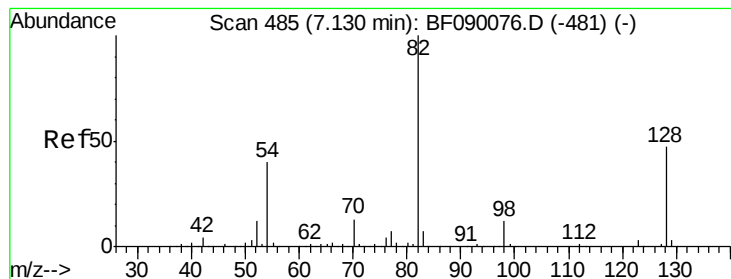
Tot Ion:136	Resp:	701152
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	8.0	6.4 9.6
68	7.7	6.3 9.5



#22
Acetophenone
Concen: 39.78 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:105	Resp:	675134
Ion Ratio	Lower	Upper
105	100	
71	2.6	4.1 6.1#
51	21.6	16.2 24.2
120	21.2	18.2 27.2





#23

Nitrobenzene-d5

Concen: 85.94 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

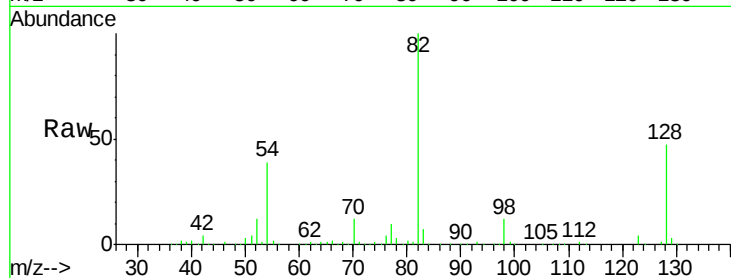
Tot Ion: 82 Resp: 1071682

Ion Ratio Lower Upper

82 100

128 46.9 37.5 56.3

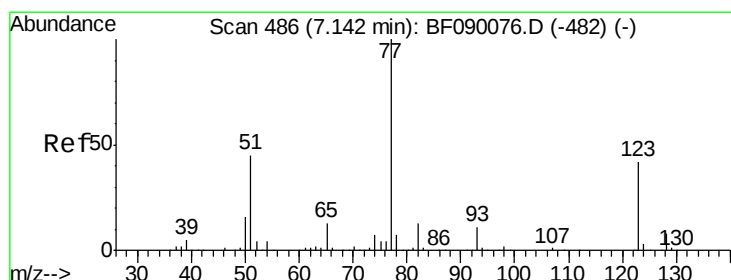
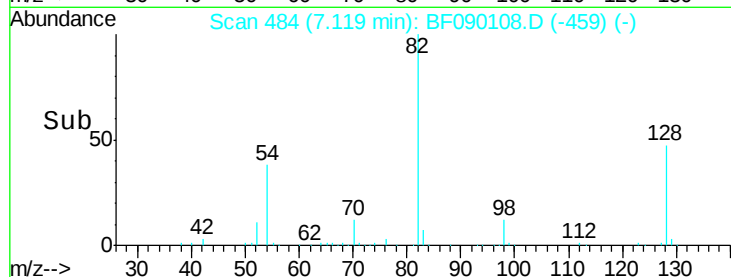
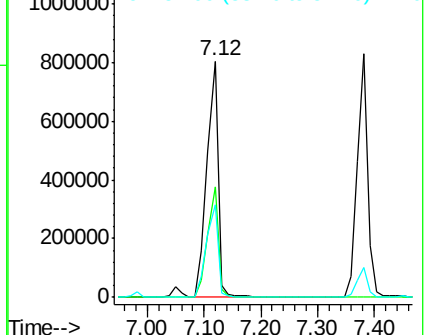
54 39.1 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.17 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

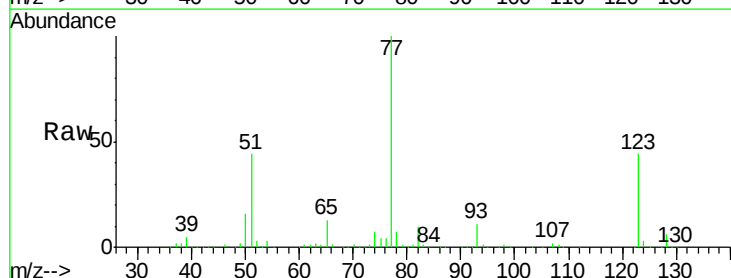
Tgt Ion: 77 Resp: 488298

Ion Ratio Lower Upper

77 100

123 44.0 33.4 50.2

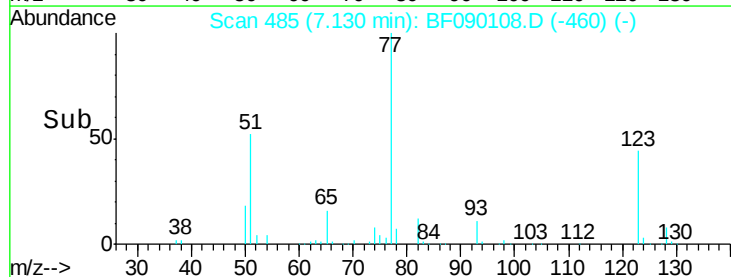
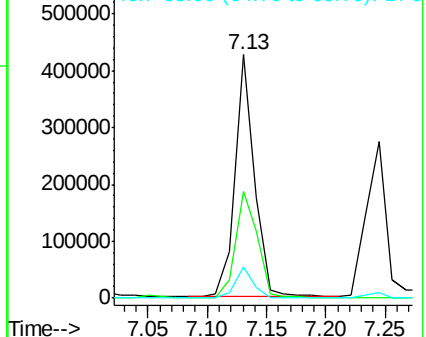
65 12.8 10.1 15.1

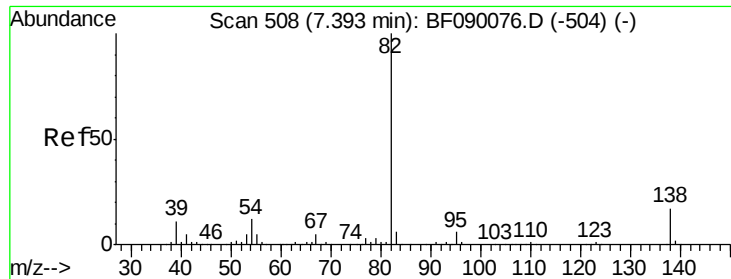


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.01 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

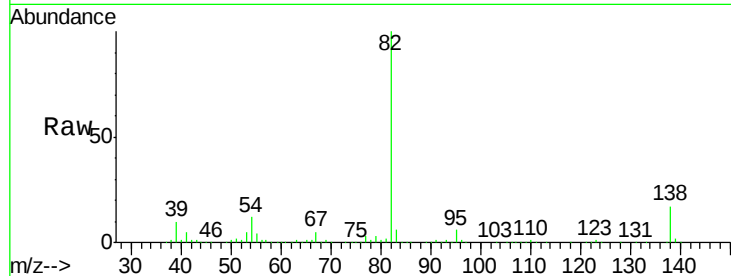
Tot Ion: 82 Resp: 1070972

Ion Ratio Lower Upper

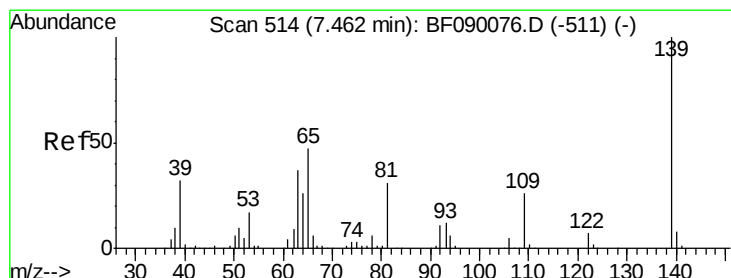
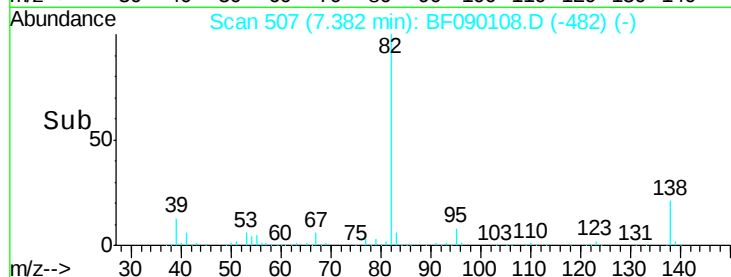
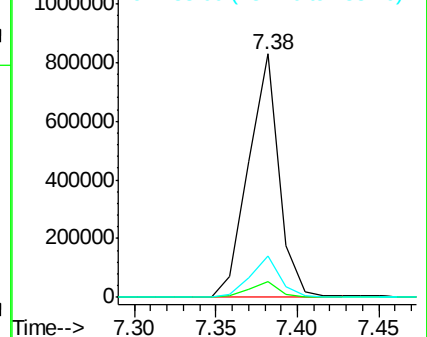
82 100

95 6.4 5.1 7.7

138 17.0 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.27 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

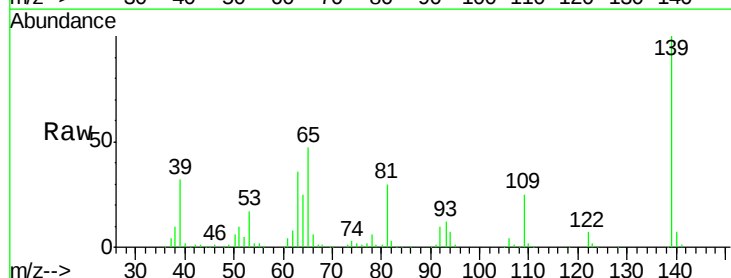
Tgt Ion: 139 Resp: 275593

Ion Ratio Lower Upper

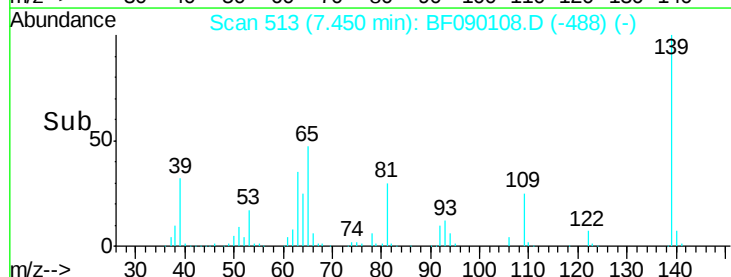
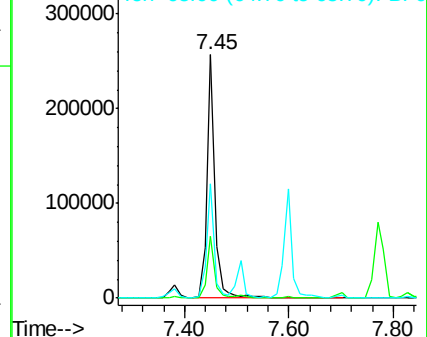
139 100

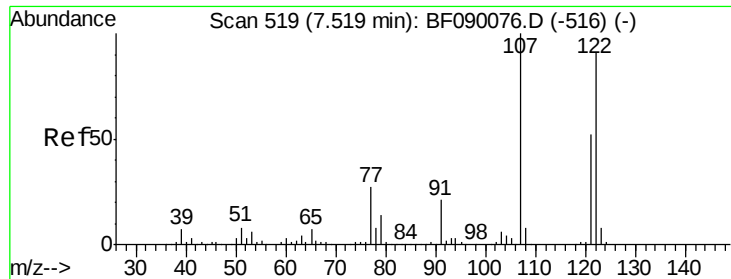
109 25.5 20.5 30.7

65 47.1 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.30 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

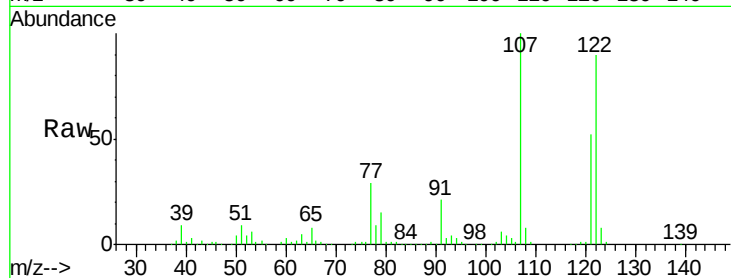
Tot Ion:122 Resp: 462800

Ion Ratio Lower Upper

122 100

107 111.6 87.8 131.6

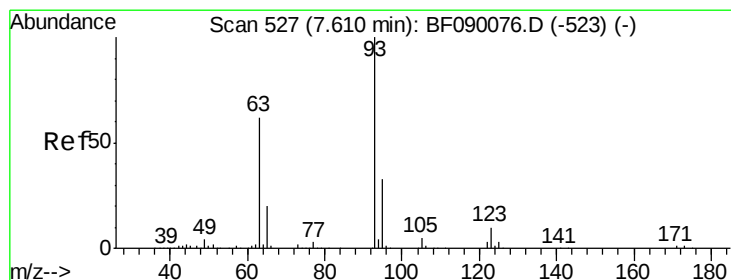
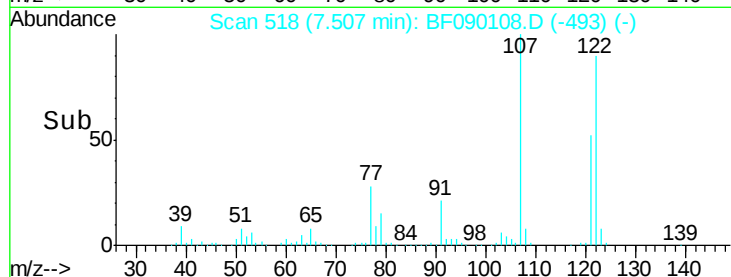
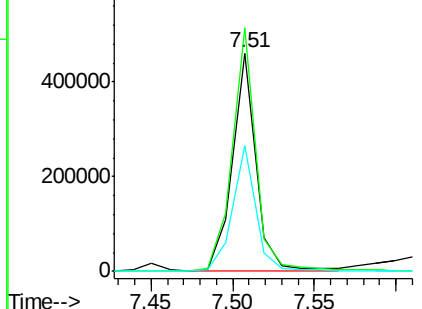
121 57.9 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.64 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

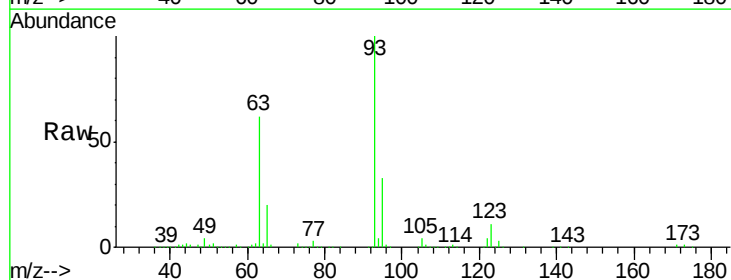
Tgt Ion: 93 Resp: 637777

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

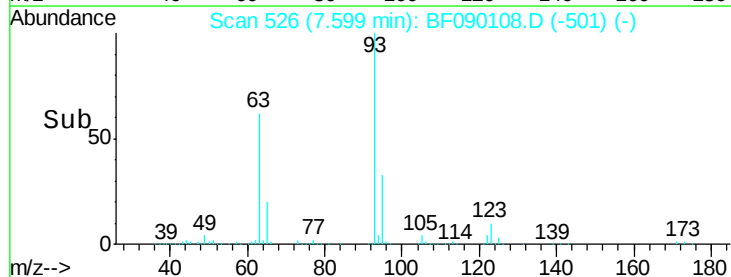
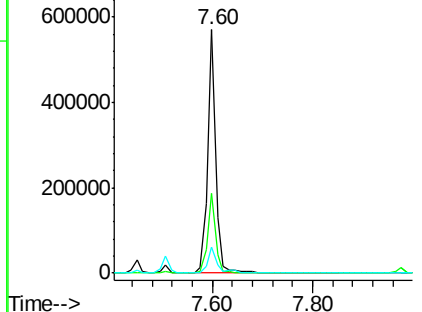
123 10.5 8.5 12.7

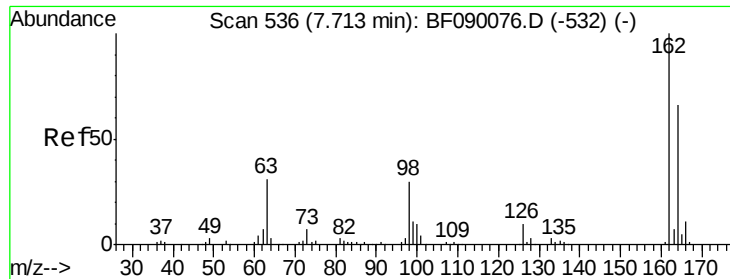


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

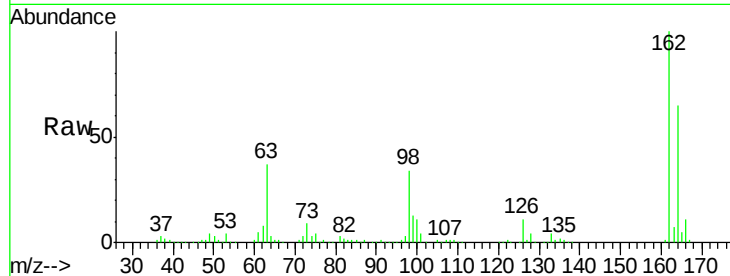




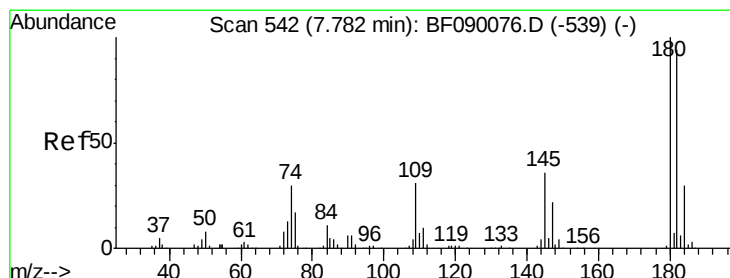
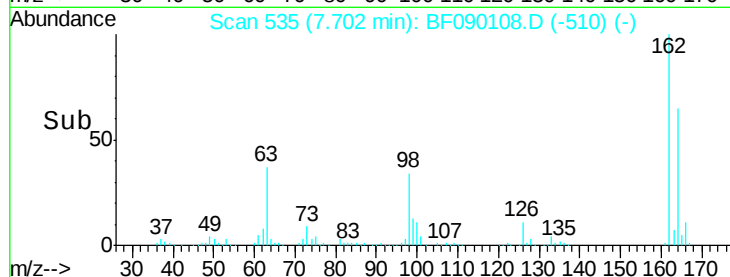
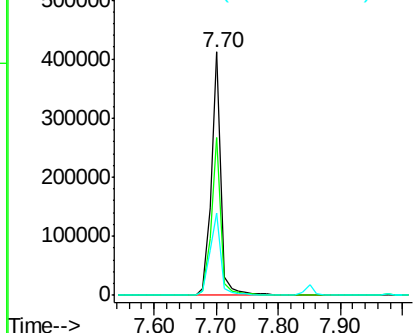
#29
 2,4-Dichlorophenol
 Concen: 44.76 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Instrument :
 BNA_F
 ClientSampled :
 PB93420BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	46.2	86.2
98	34.1	10.4	50.4

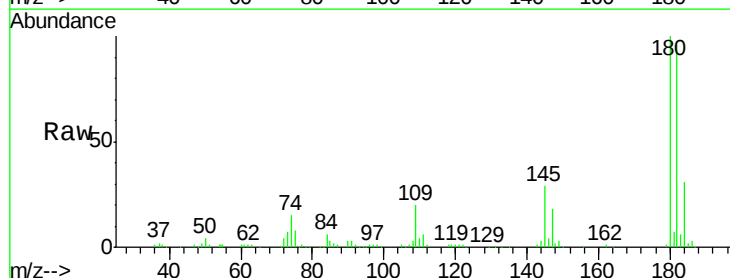


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

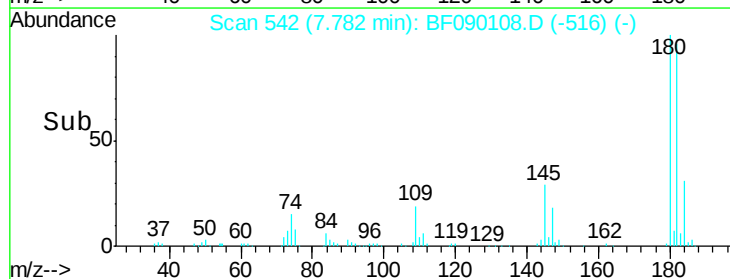
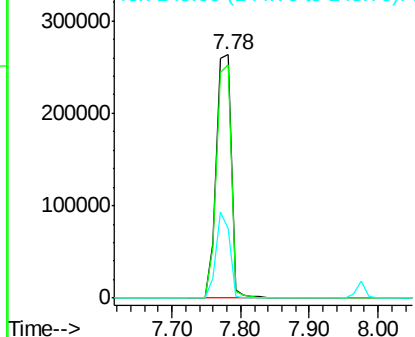


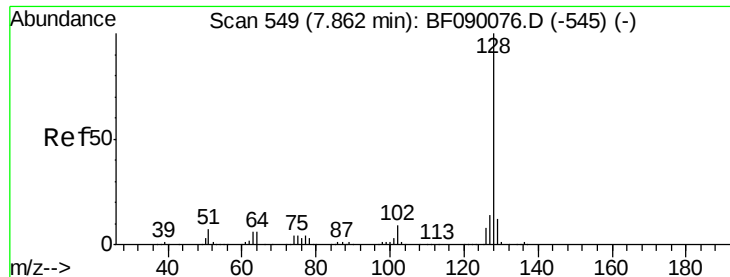
#30
 1,2,4-Trichlorobenzene
 Concen: 42.13 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.0	112.6
145	28.7	28.6	42.8



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

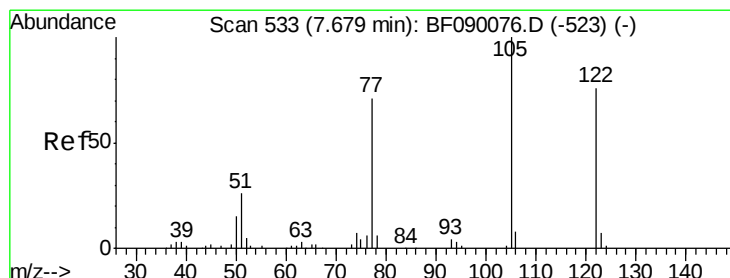
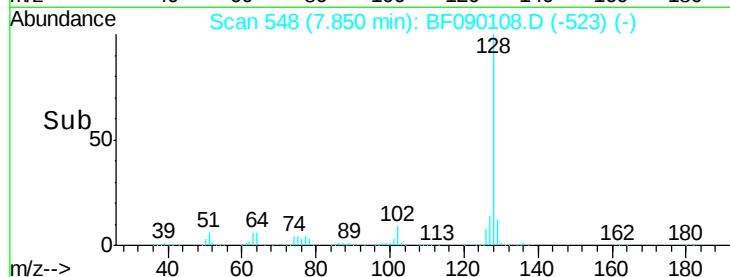
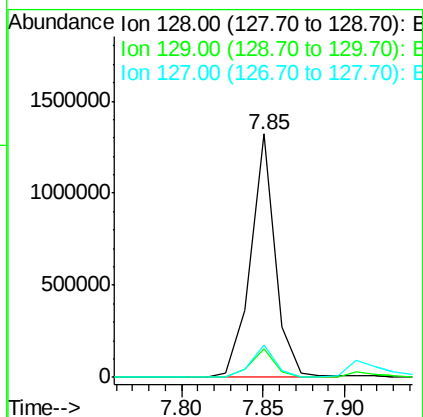
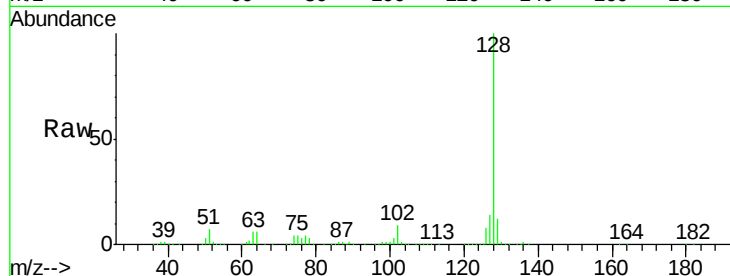




#31
Naphthalene
Concen: 40.27 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

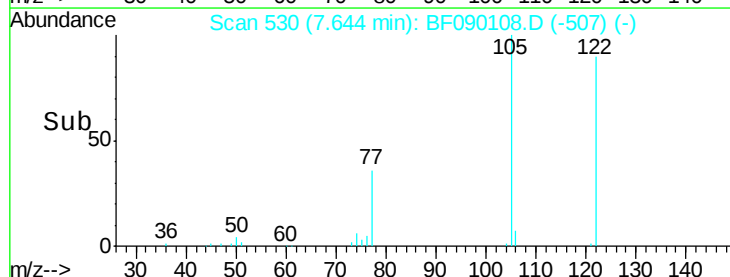
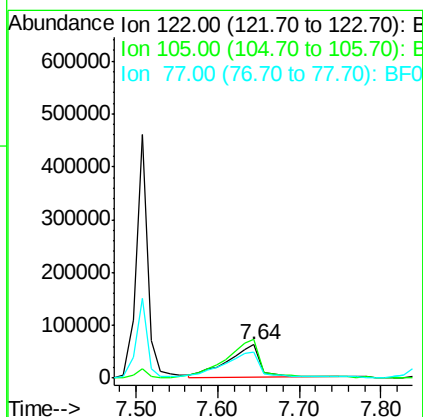
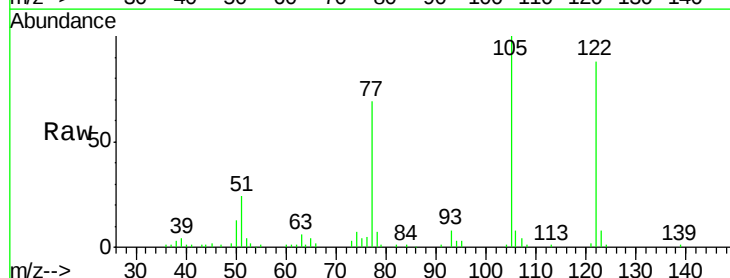
Instrument :
BNA_F
ClientSampleId :
PB93420BS

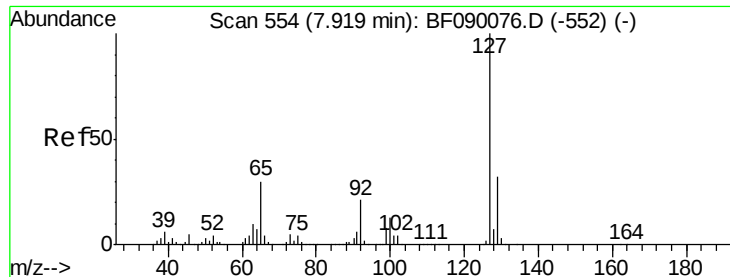
Tot Ion:128 Resp: 1387961
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 20.21 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:122 Resp: 175949
Ion Ratio Lower Upper
122 100
105 114.0 105.0 145.0
77 78.5 70.4 110.4

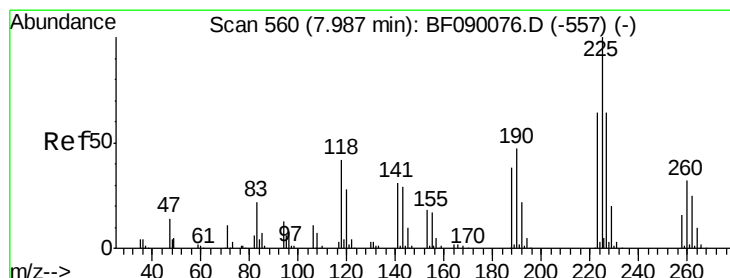
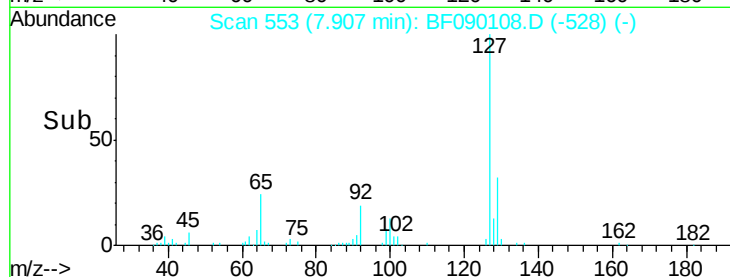
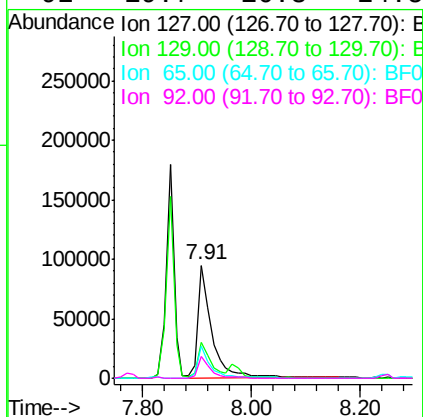
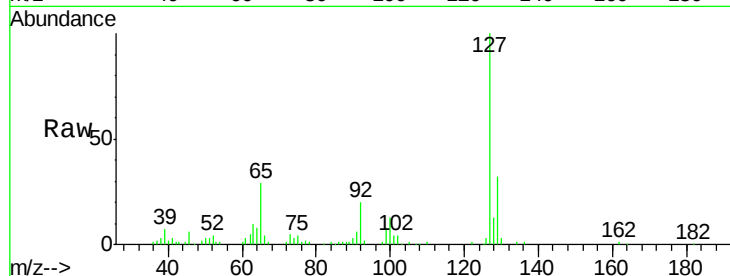




#33
4-Chloroaniline
Concen: 11.30 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

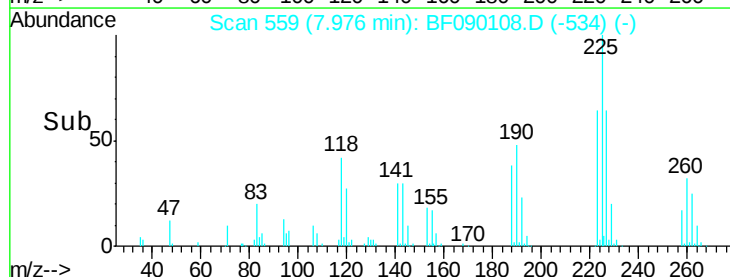
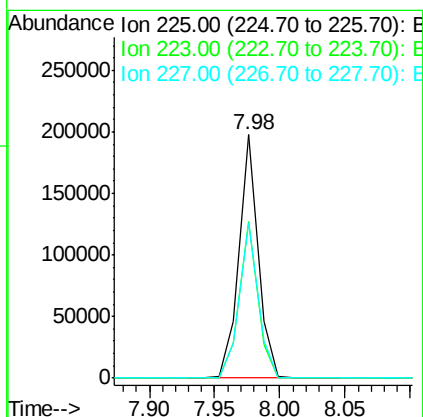
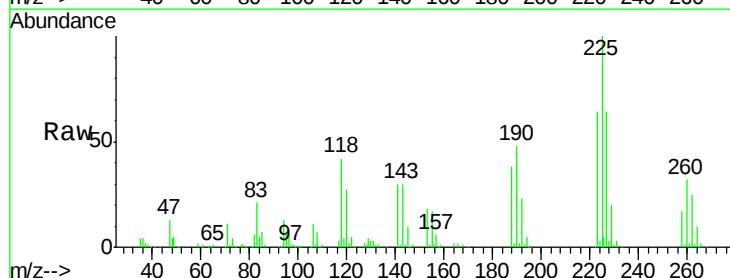
Instrument :
BNA_F
ClientSampleId :
PB93420BS

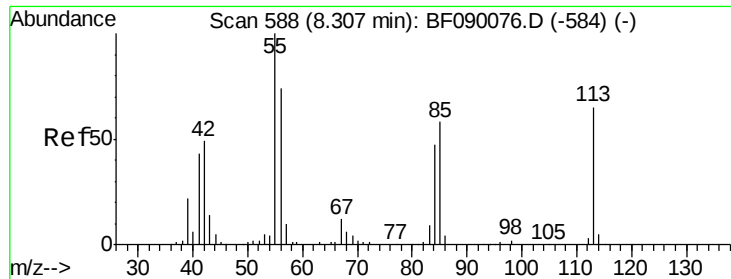
Tot Ion:	127	Resp:	165804
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	28.7	24.1	36.1
92	19.7	16.3	24.5



#34
Hexachlorobutadiene
Concen: 40.18 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:	225	Resp:	200916
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.3	76.9
227	63.8	51.4	77.0





#35

Caprolactam

Concen: 47.92 ng/ml

RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleID :

PB93420BS

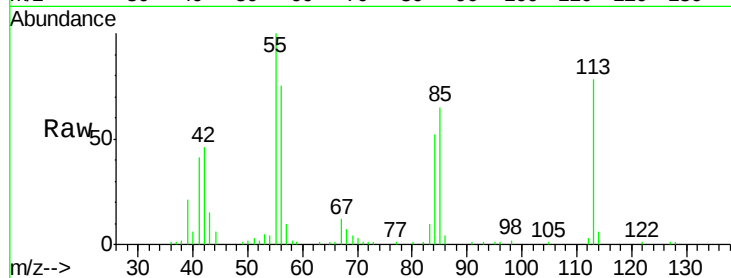
Tot Ion:113 Resp: 158412

Ion Ratio Lower Upper

113 100

55 128.9 134.5 174.5#

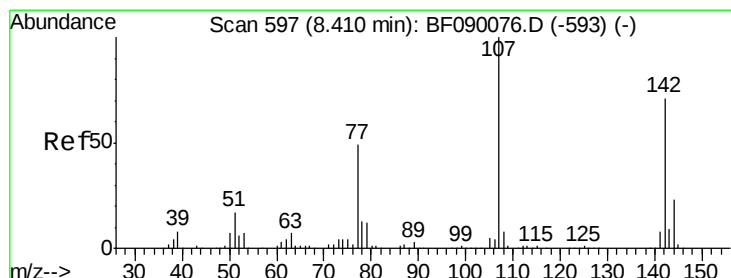
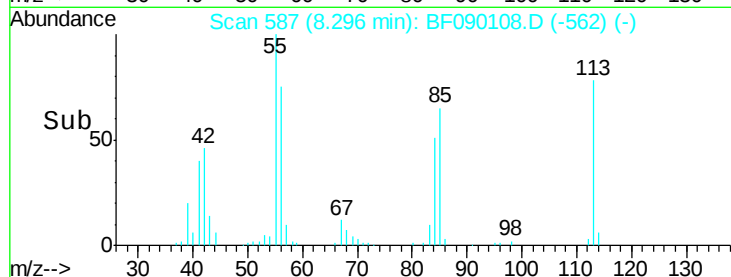
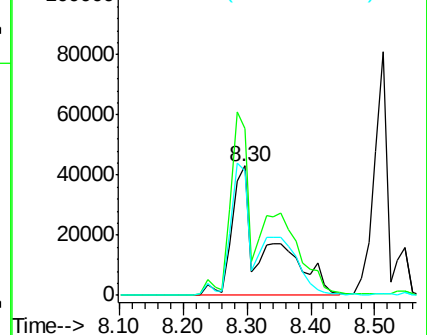
56 96.4 93.7 133.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.17 ng/ml

RT: 8.41 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

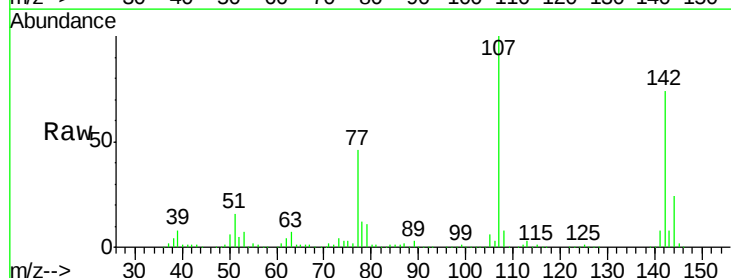
Tgt Ion:107 Resp: 461706

Ion Ratio Lower Upper

107 100

144 24.4 18.6 27.8

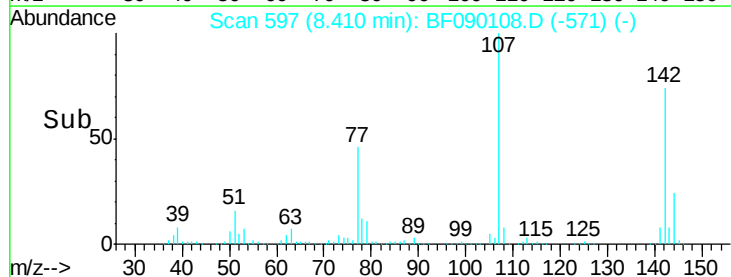
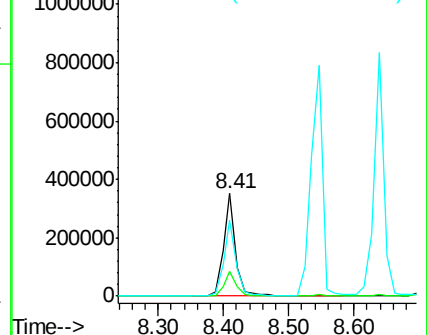
142 74.2 57.0 85.6

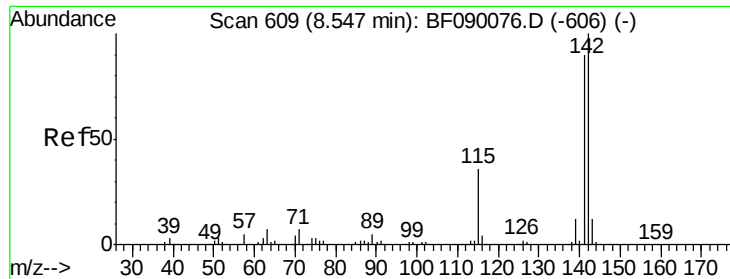


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

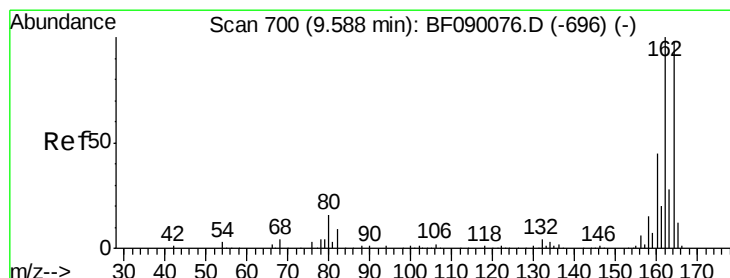
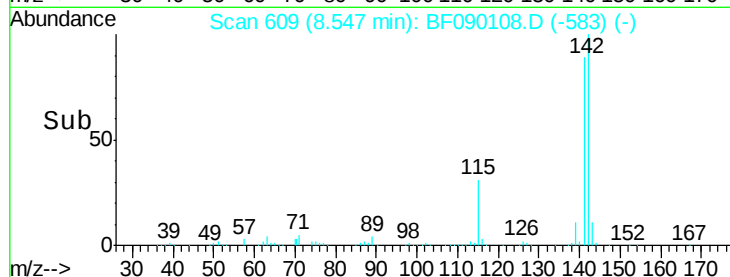
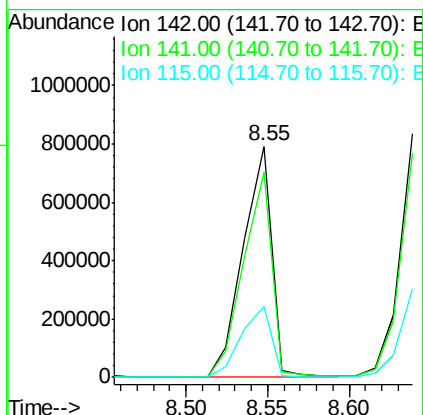
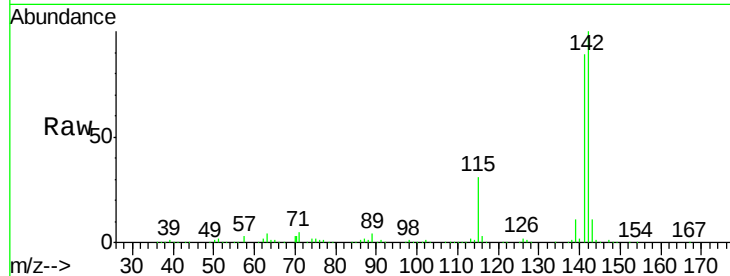




#37
2-Methylnaphthalene
Concen: 45.46 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

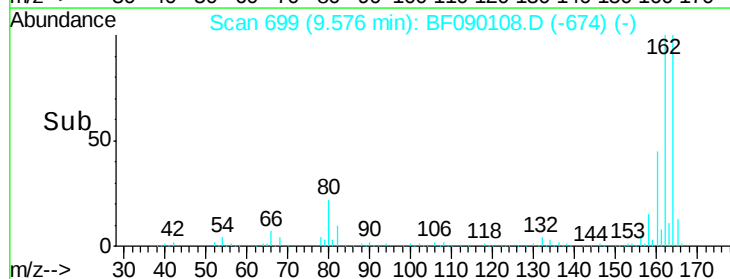
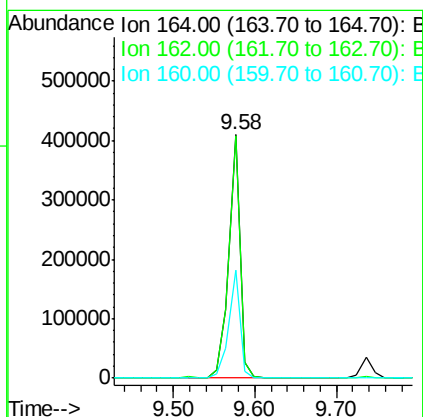
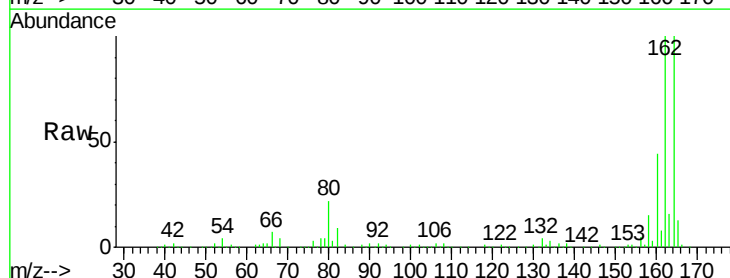
Instrument :
BNA_F
ClientSampled :
PB93420BS

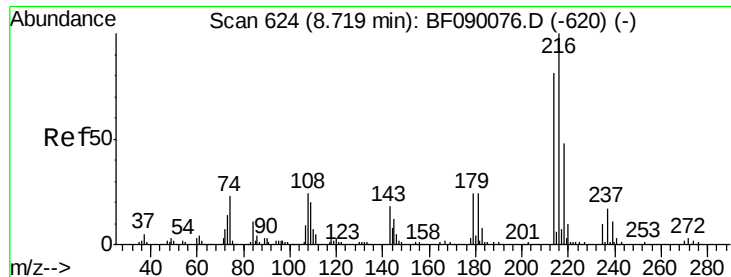
Tot Ion:142 Resp: 971643
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 30.8 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:164 Resp: 393959
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.2
160 44.3 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.43 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

Tot Ion:216 Resp: 288047

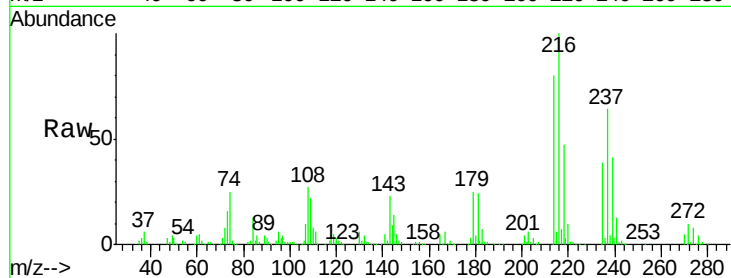
Ion Ratio Lower Upper

216 100

214 78.7 63.7 95.5

179 22.2 18.5 27.7

108 24.9 19.5 29.3

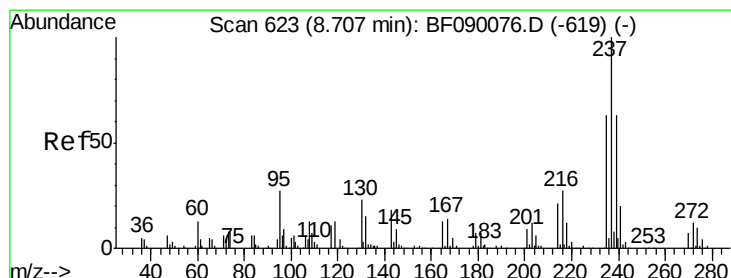
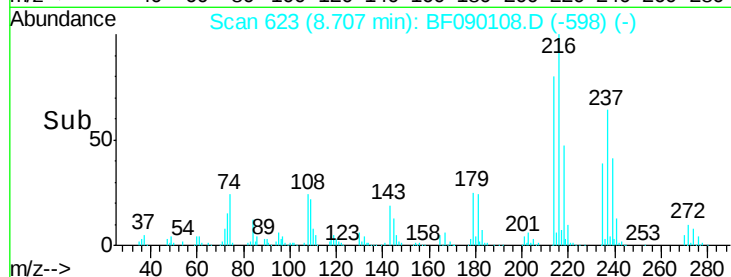
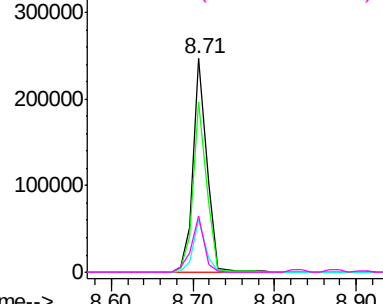


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 57.98 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

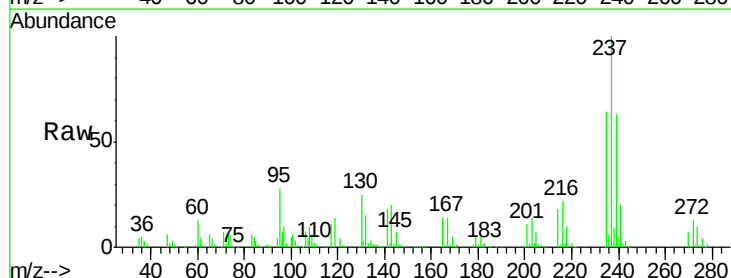
Tgt Ion:237 Resp: 305265

Ion Ratio Lower Upper

237 100

235 63.6 42.5 82.5

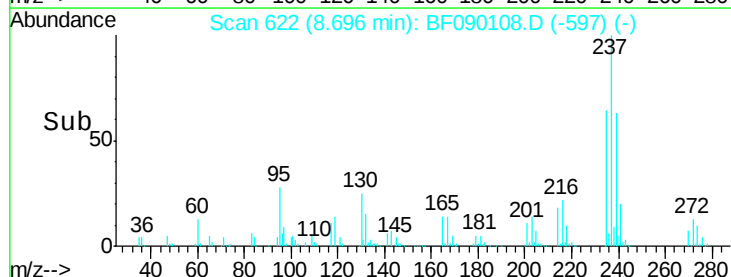
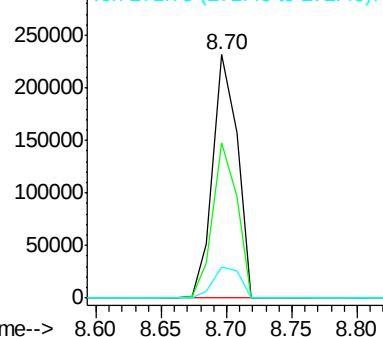
272 12.8 0.0 32.0

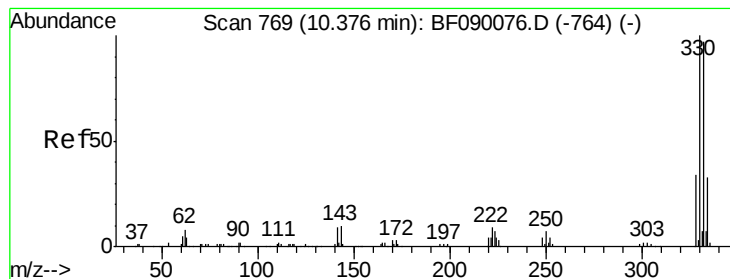


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 97.35 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

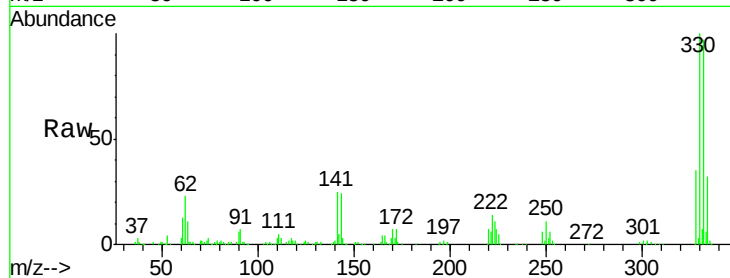
Tot Ion:330 Resp: 385240

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

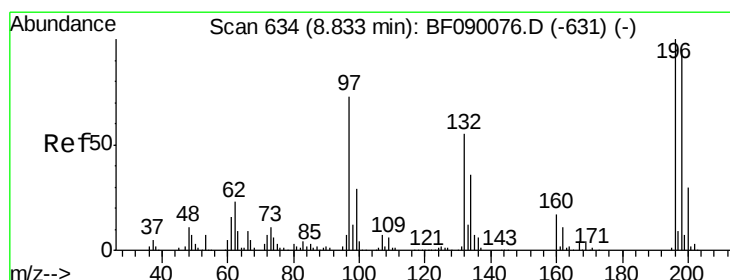
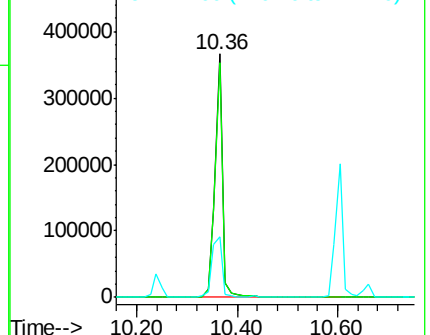
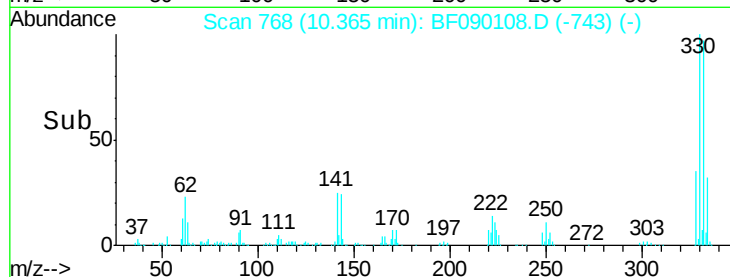
141 33.3 23.9 35.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 36.98 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

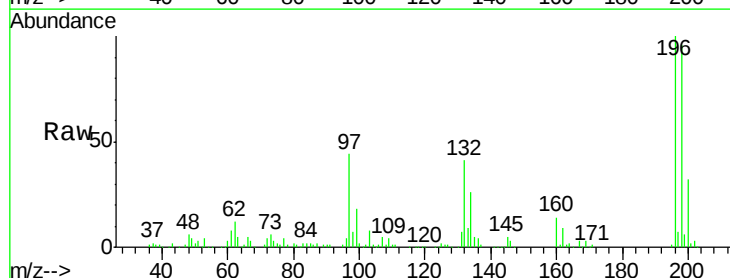
Tgt Ion:196 Resp: 271487

Ion Ratio Lower Upper

196 100

198 96.3 76.3 114.5

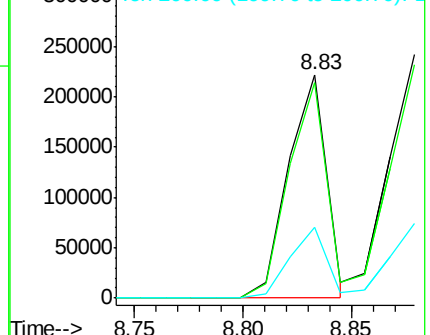
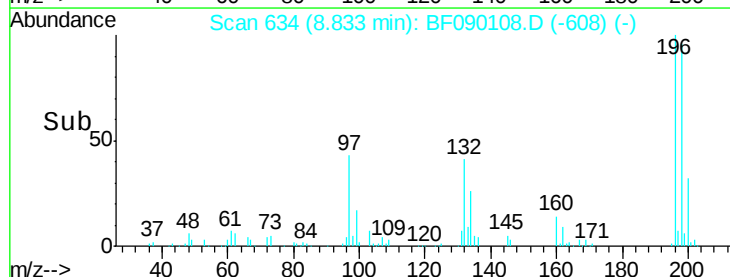
200 31.8 24.1 36.1

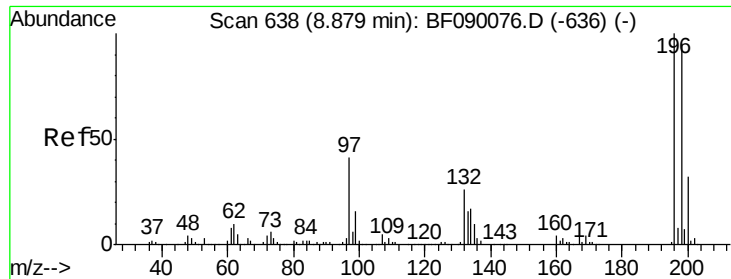


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

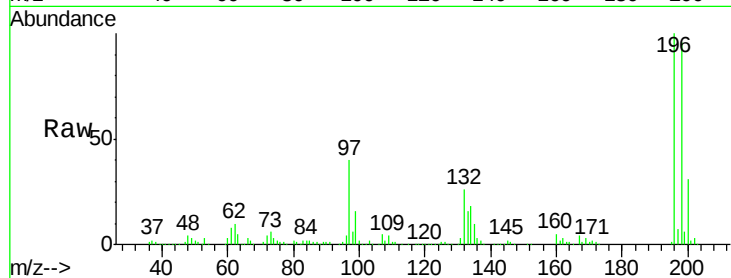




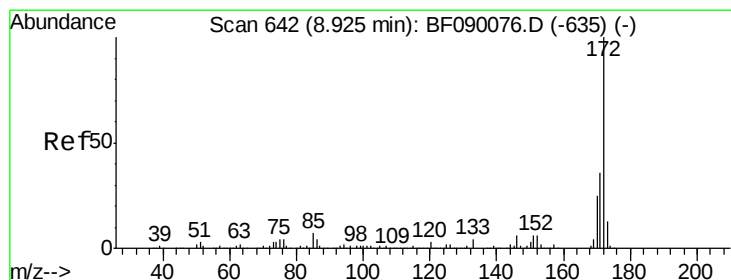
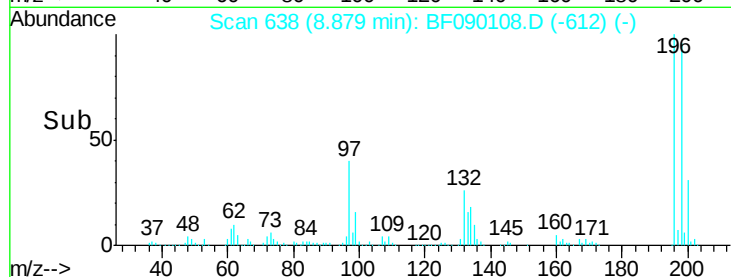
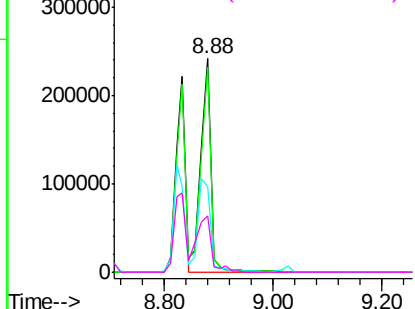
#43
 2,4,5-Trichlorophenol
 Concen: 38.79 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

Tot Ion:	196	Resp:	306377
Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	114.8
97	40.3	34.4	51.6
132	26.2	22.2	33.2

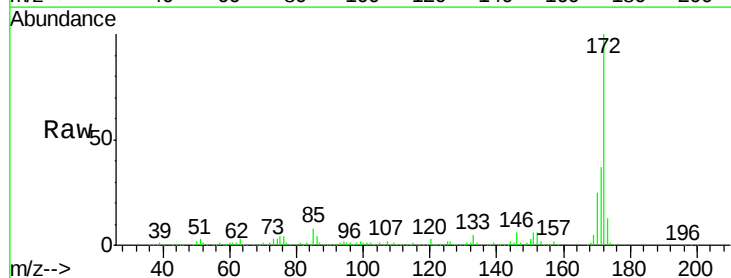


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

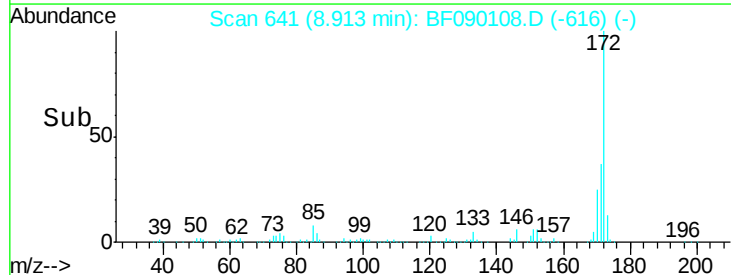
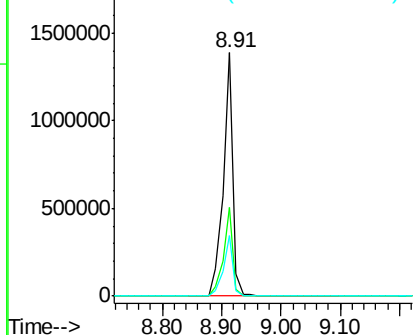


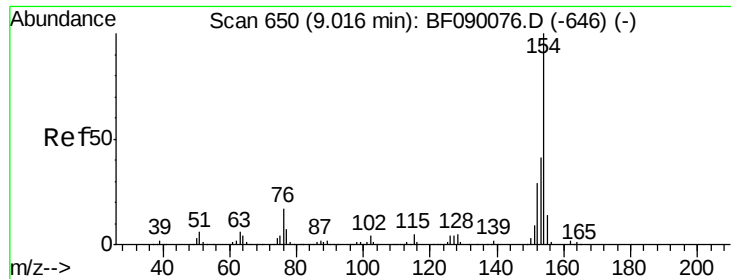
#44
 2-Fluorobiphenyl
 Concen: 62.47 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Tgt Ion:	172	Resp:	1566970
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	25.1	19.8	29.8



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

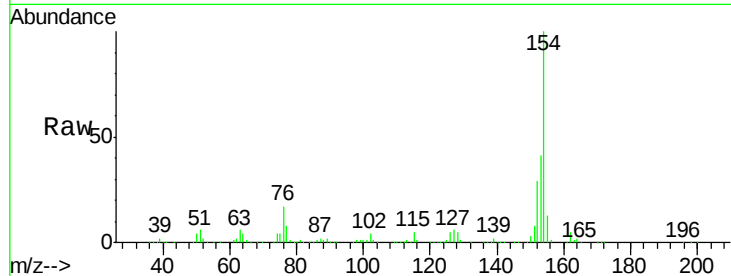




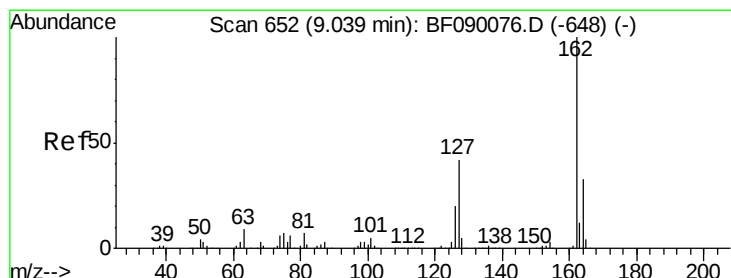
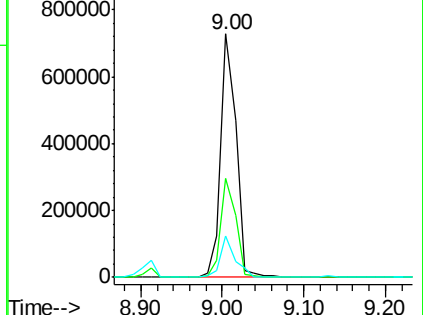
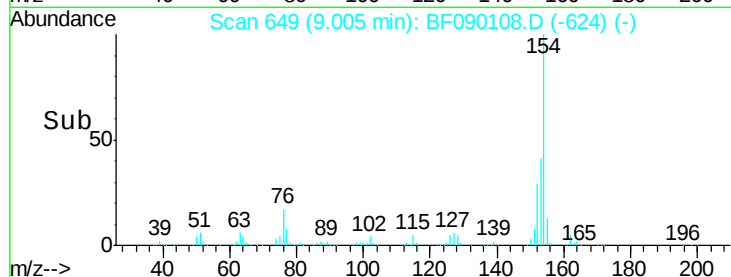
#45
 1,1'-Biphenyl
 Concen: 29.52 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

Tot Ion:154 Resp: 951726
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 17.2 0.0 36.7

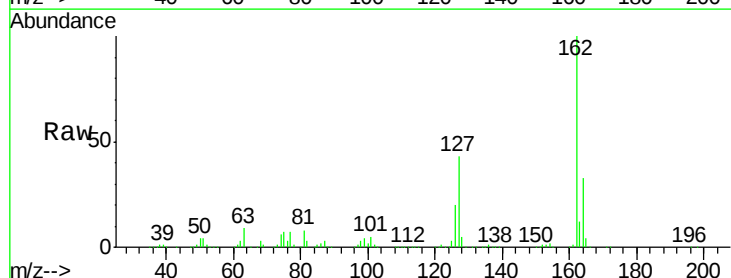


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

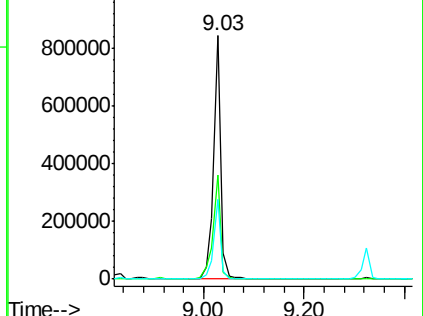
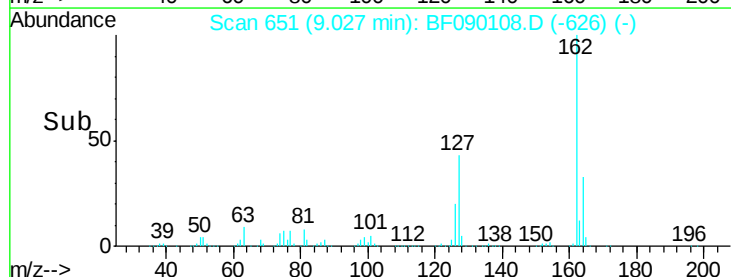


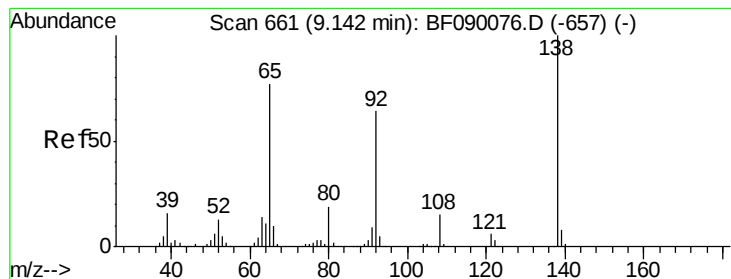
#46
 2-Chloronaphthalene
 Concen: 35.04 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Tgt Ion:162 Resp: 836918
 Ion Ratio Lower Upper
 162 100
 127 42.5 34.0 51.0
 164 32.9 26.8 40.2



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





#47

2-Nitroaniline

Concen: 36.29 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

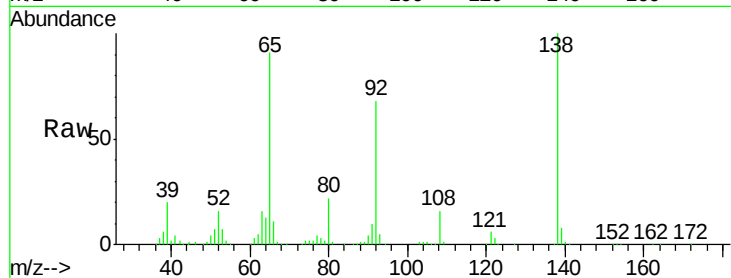
Tot Ion: 65 Resp: 276702

Ion Ratio Lower Upper

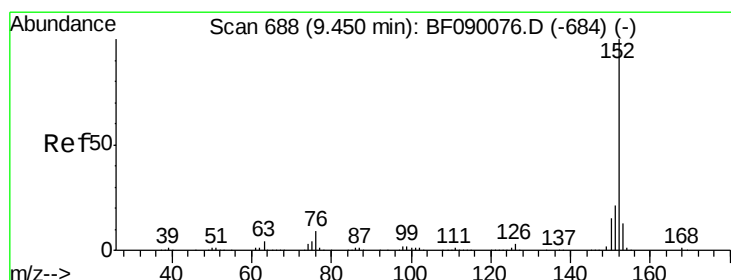
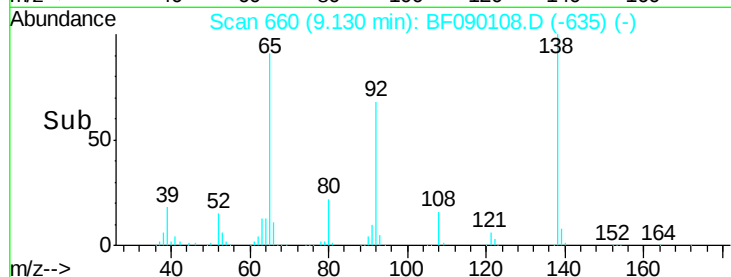
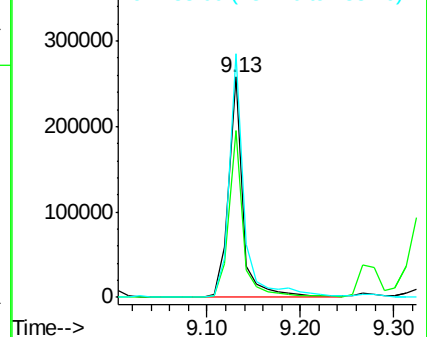
65 100

92 75.5 66.1 99.1

138 110.4 104.1 156.1



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): BF0



#48

Acenaphthylene

Concen: 33.98 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

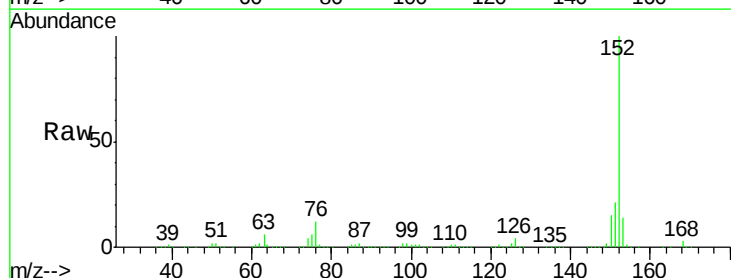
Tgt Ion: 152 Resp: 1363006

Ion Ratio Lower Upper

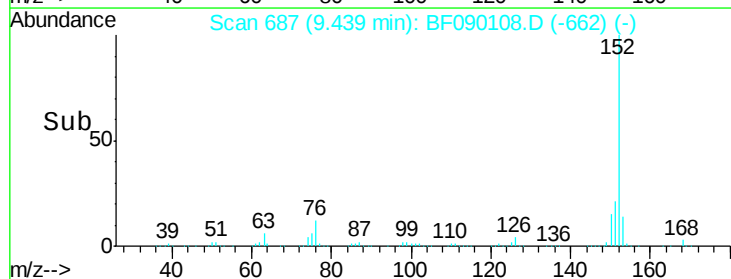
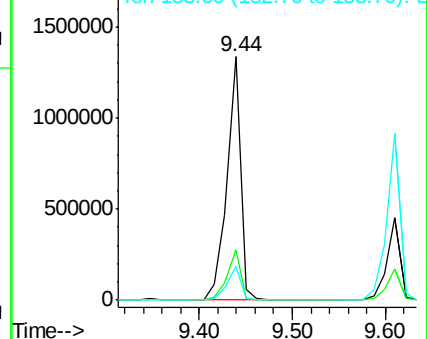
152 100

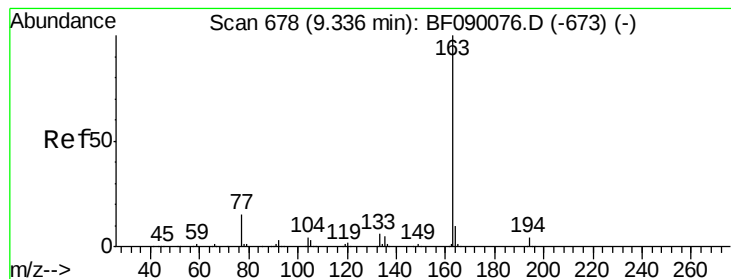
151 20.9 16.5 24.7

153 13.7 10.6 15.8



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: 35.30 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

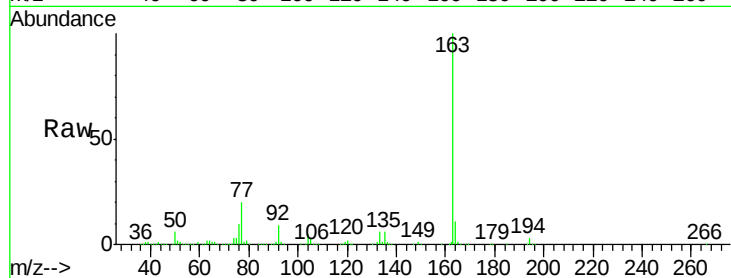
Tot Ion:163 Resp: 1032798

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

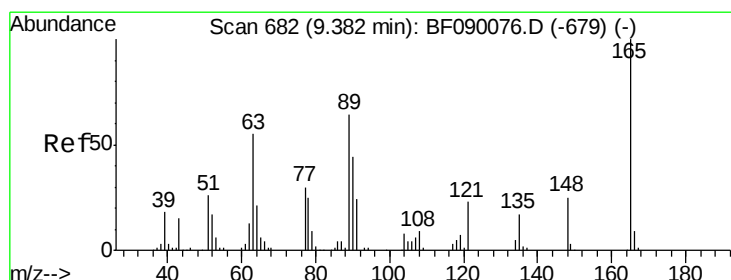
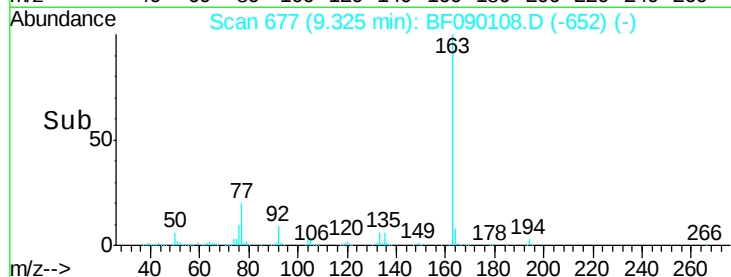
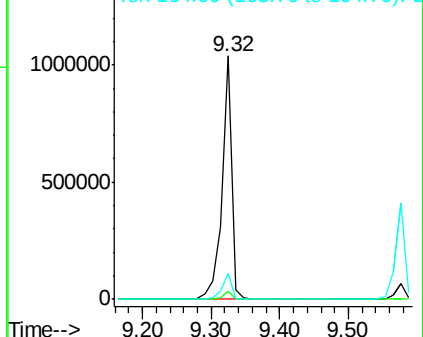
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.26 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

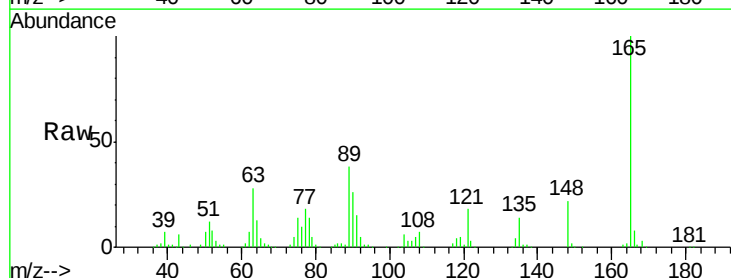
Tgt Ion:165 Resp: 250217

Ion Ratio Lower Upper

165 100

63 28.3 49.9 74.9#

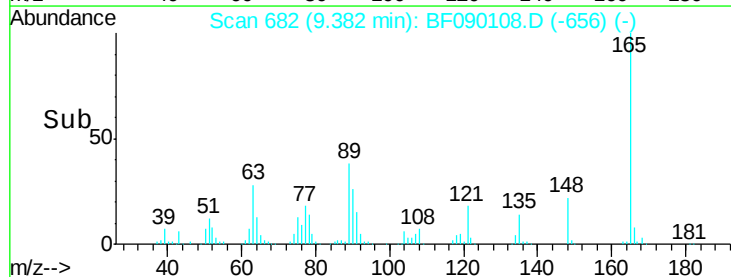
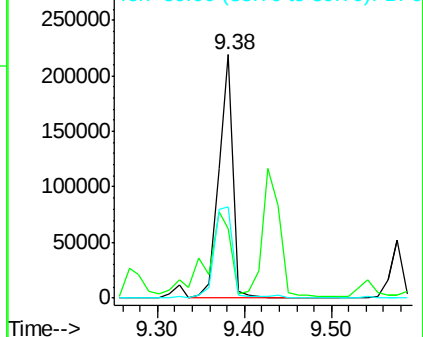
89 37.6 51.0 76.4#

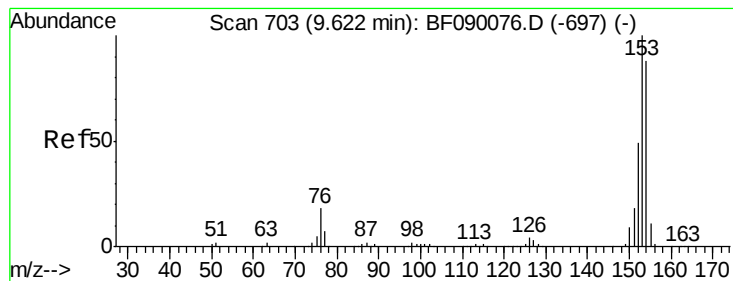


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.69 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

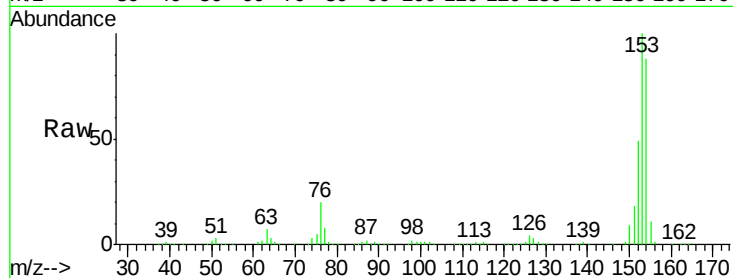
Tot Ion:154 Resp: 799691

Ion Ratio Lower Upper

154 100

153 113.3 90.8 136.2

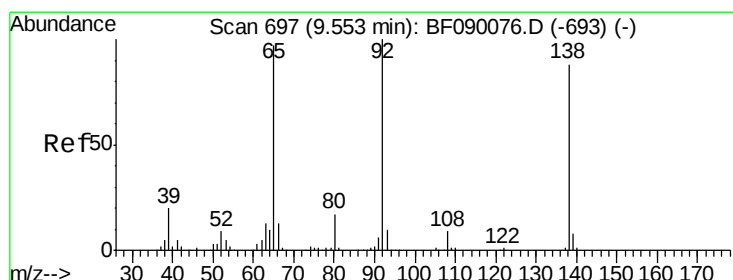
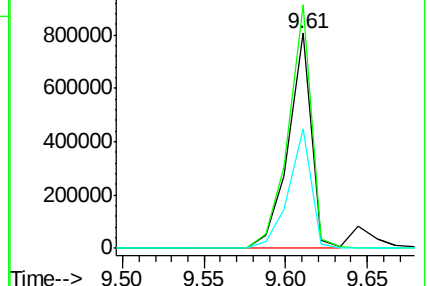
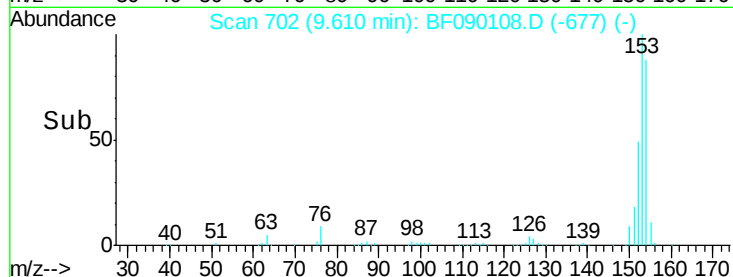
152 55.8 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.41 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

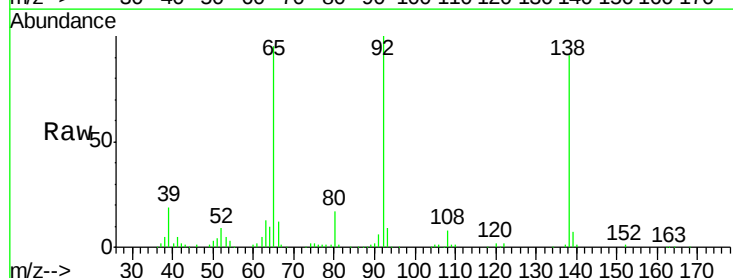
Tgt Ion:138 Resp: 146488

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

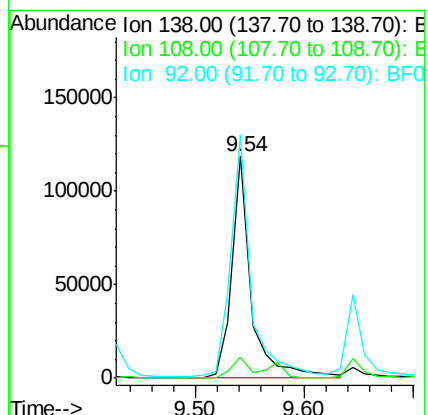
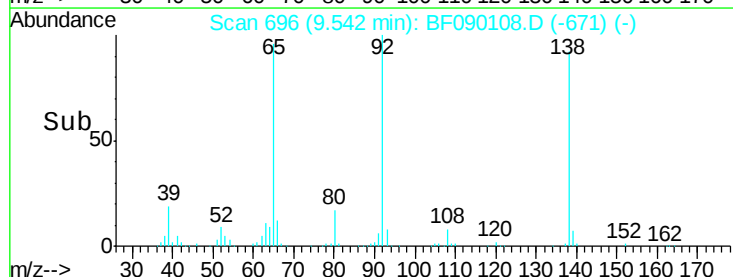
92 110.0 90.7 136.1

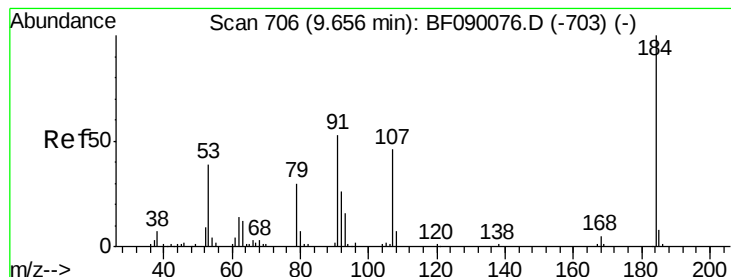


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 44.60 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

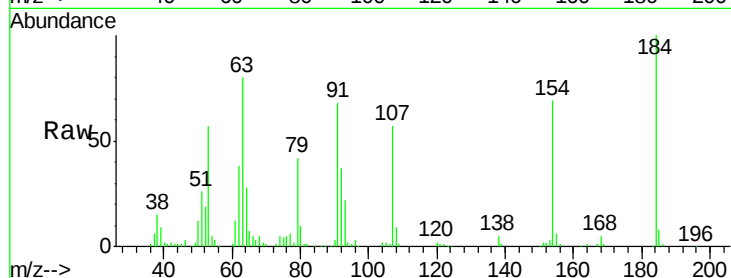
Tot Ion:184 Resp: 158547

Ion Ratio Lower Upper

184 100

63 80.4 44.6 67.0#

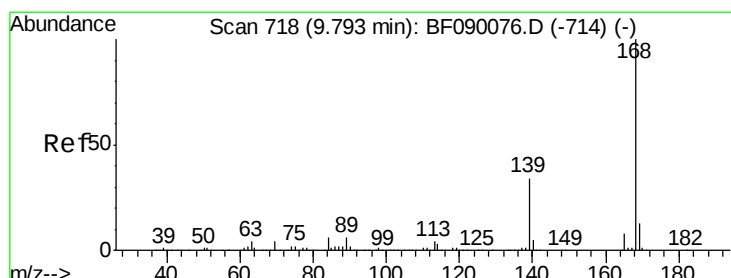
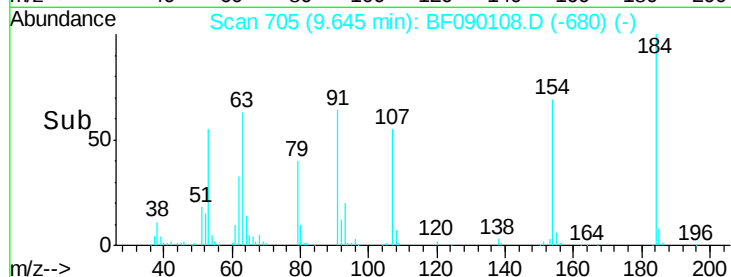
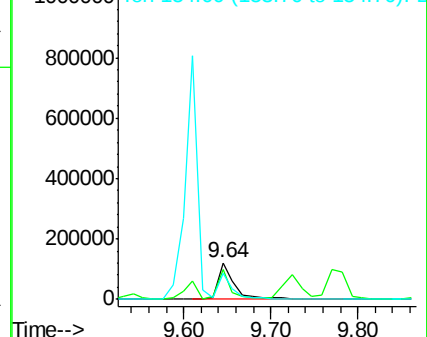
154 69.0 49.7 74.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.38 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

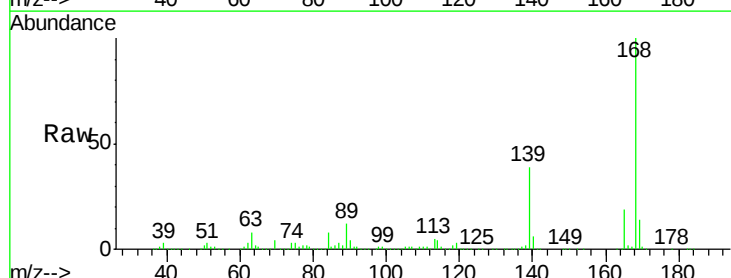
Tgt Ion:168 Resp: 1127329

Ion Ratio Lower Upper

168 100

139 39.5 28.8 43.2

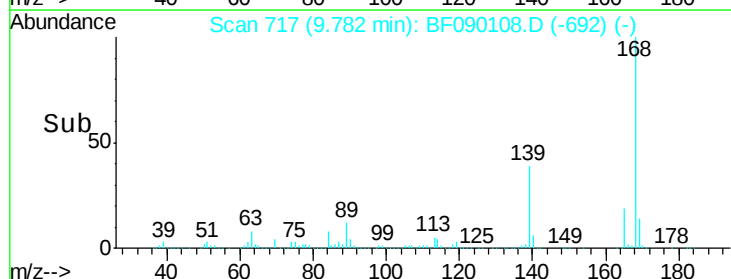
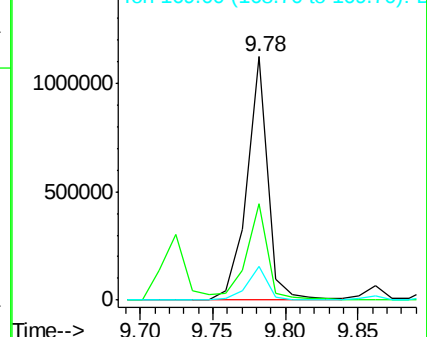
169 13.6 10.7 16.1

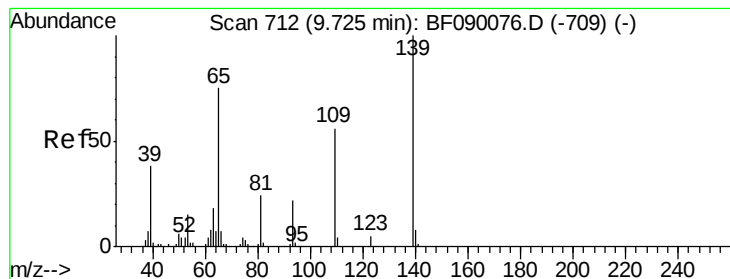


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 63.00 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

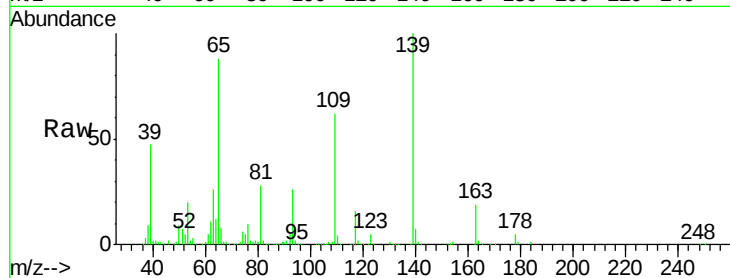
Tot Ion:139 Resp: 352753

Ion Ratio Lower Upper

139 100

109 61.6 35.6 75.6

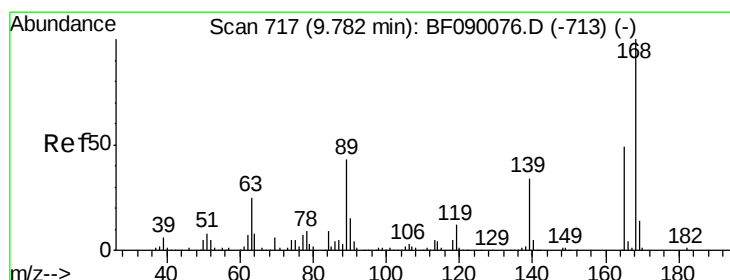
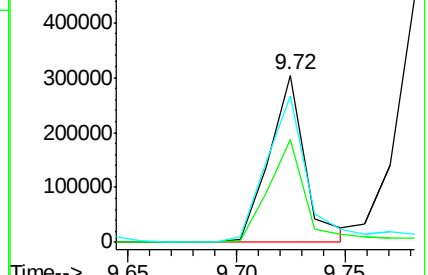
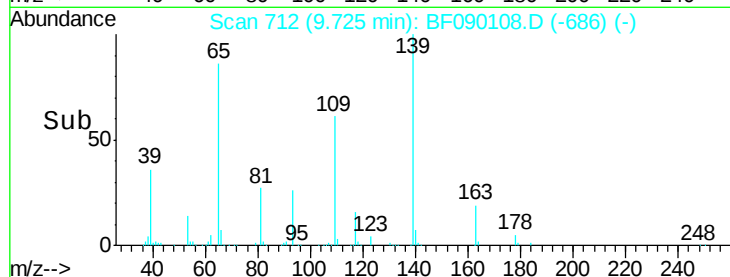
65 87.9 55.5 95.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.68 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Tgt Ion:165 Resp: 284439

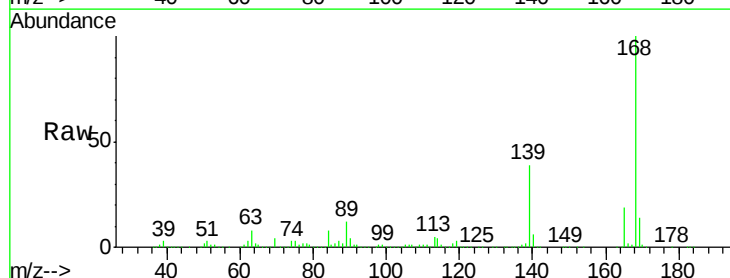
Ion Ratio Lower Upper

165 100

63 43.5 44.4 66.6#

89 63.6 70.1 105.1#

182 2.1 1.7 2.5

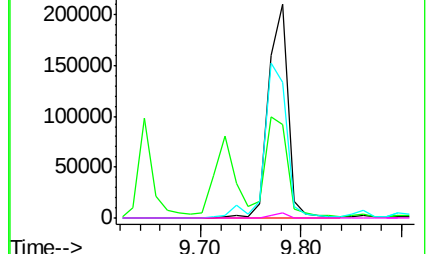
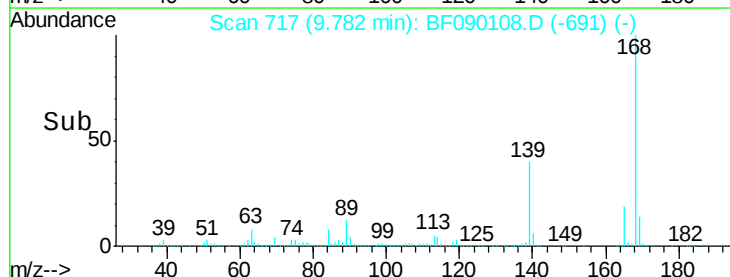


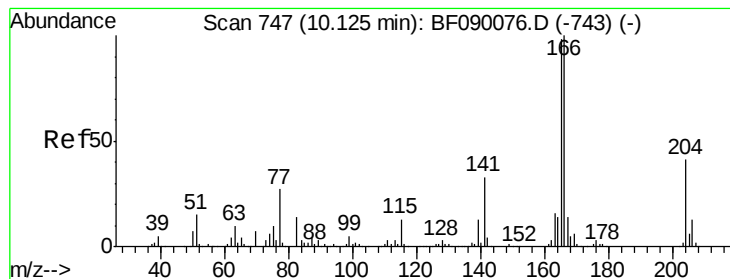
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.10 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

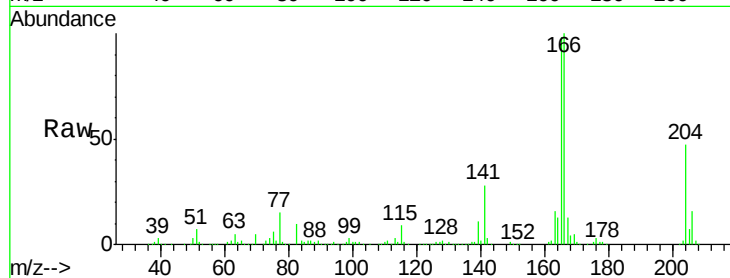
Tot Ion:166 Resp: 868172

Ion Ratio Lower Upper

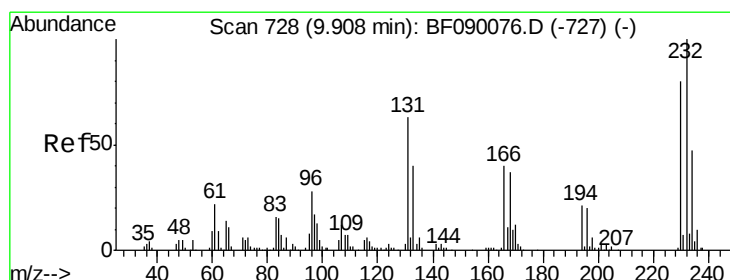
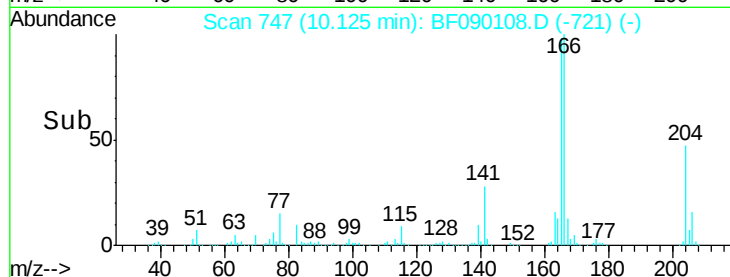
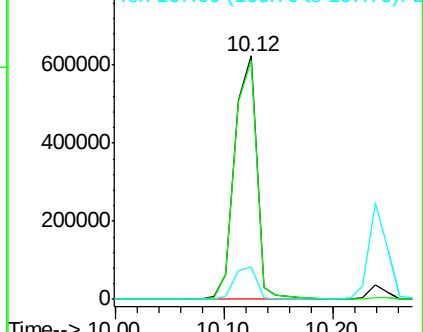
166 100

165 97.9 78.5 117.7

167 13.3 11.2 16.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.91 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Tgt Ion:232 Resp: 228339

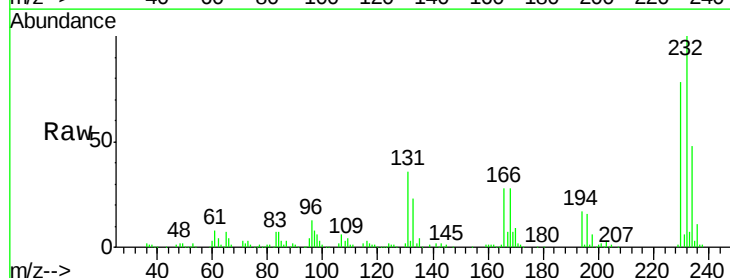
Ion Ratio Lower Upper

232 100

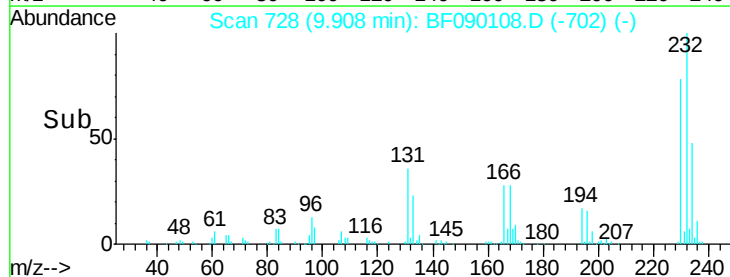
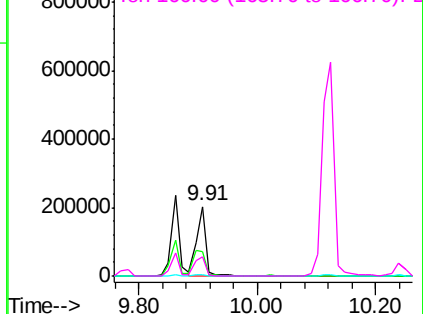
131 48.3 42.2 63.4

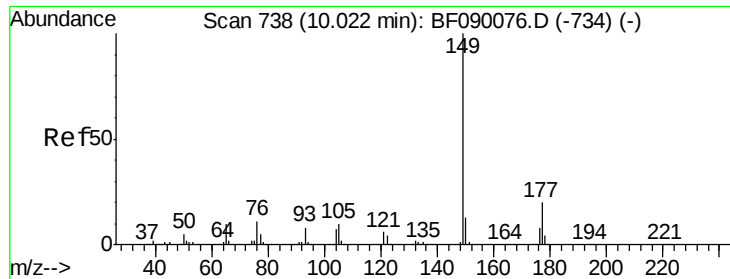
130 2.2 1.9 2.9

166 31.8 26.4 39.6



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

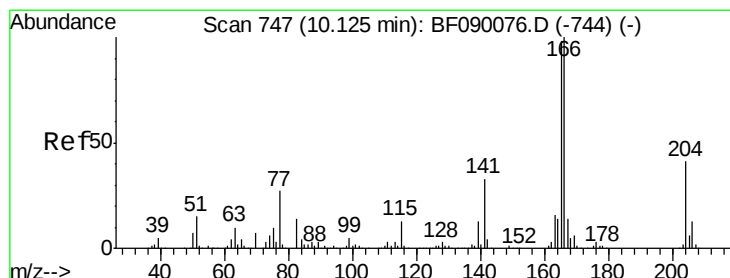
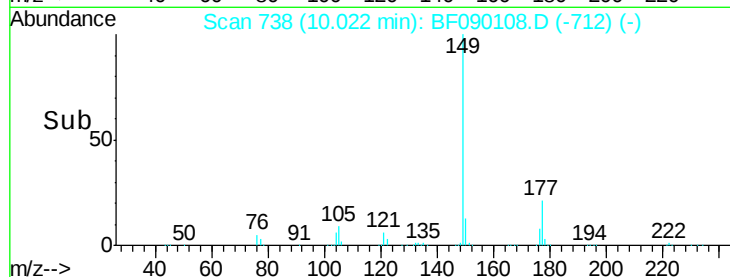
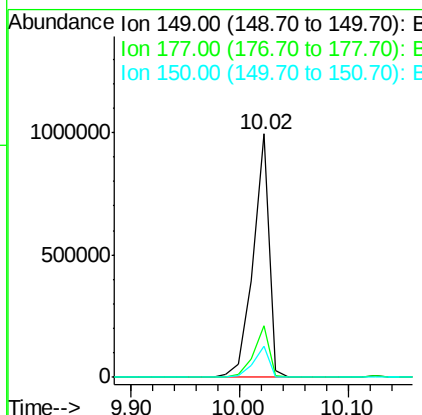
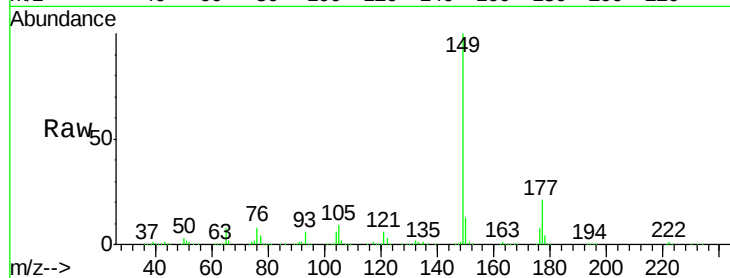




#59
Diethylphthalate
Concen: 36.27 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

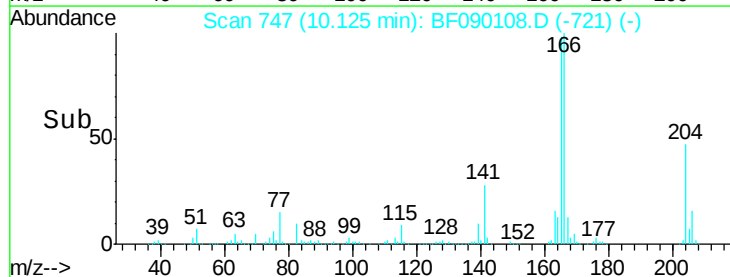
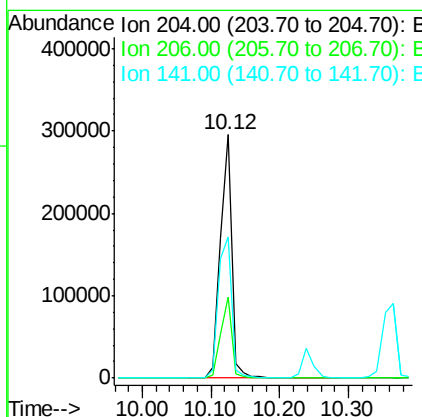
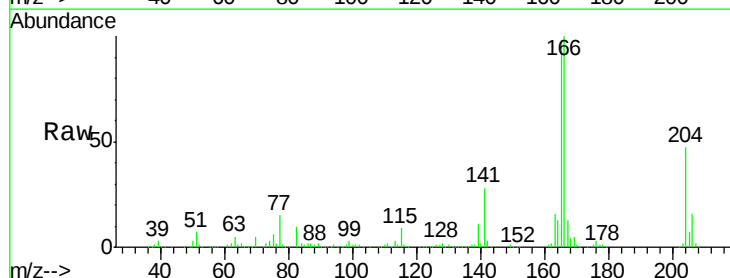
Instrument :
BNA_F
ClientSampleId :
PB93420BS

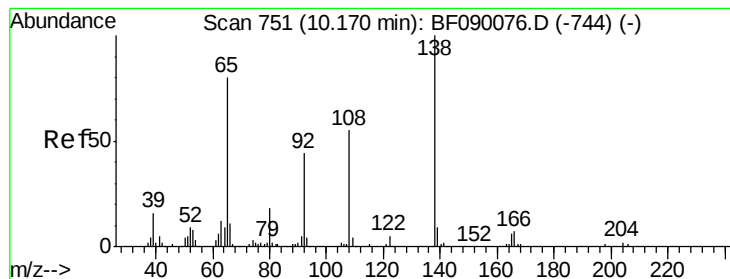
Tot Ion:149 Resp: 1027536
Ion Ratio Lower Upper
149 100
177 21.2 15.8 23.6
150 12.5 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 36.42 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:204 Resp: 351483
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 58.1 64.4 96.6#





#61

4-Nitroaniline

Concen: 33.93 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

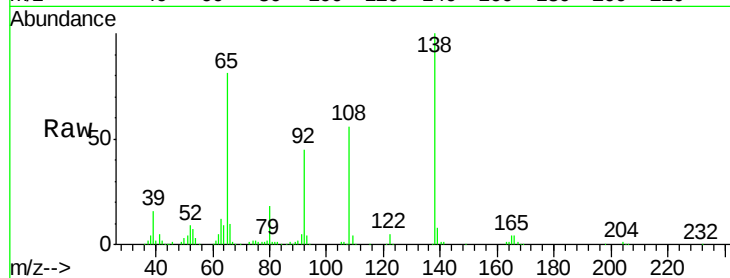
Tot Ion:138 Resp: 273228

Ion Ratio Lower Upper

138 100

92 44.5 23.8 63.8

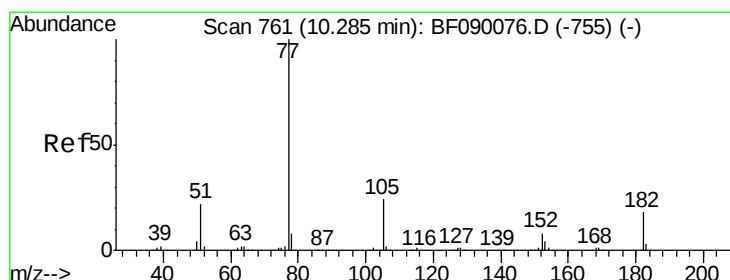
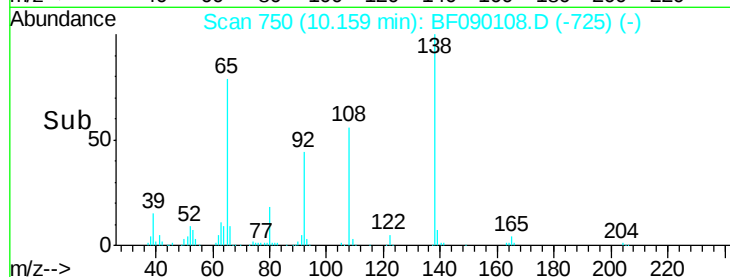
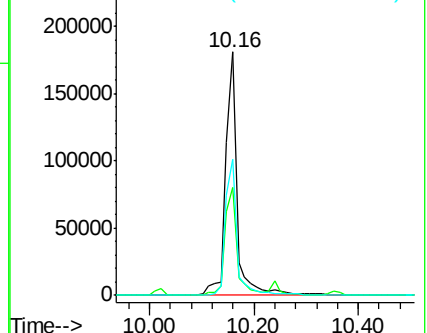
108 56.0 35.0 75.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.51 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Tgt Ion: 77 Resp: 1085330

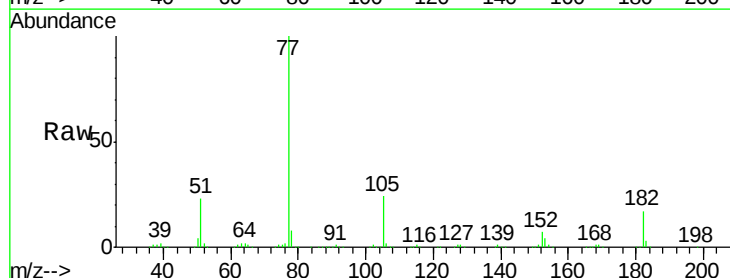
Ion Ratio Lower Upper

77 100

182 17.1 0.0 38.4

105 23.6 3.8 43.8

51 23.0 2.6 42.6

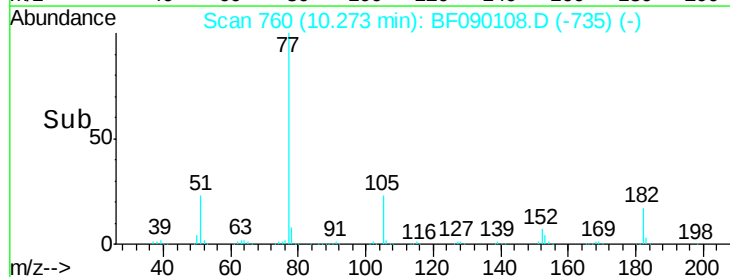
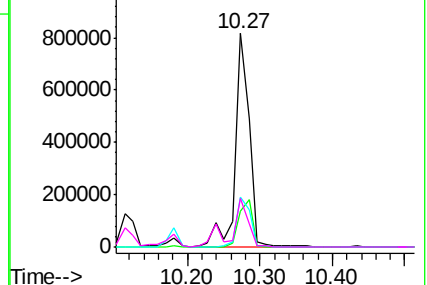


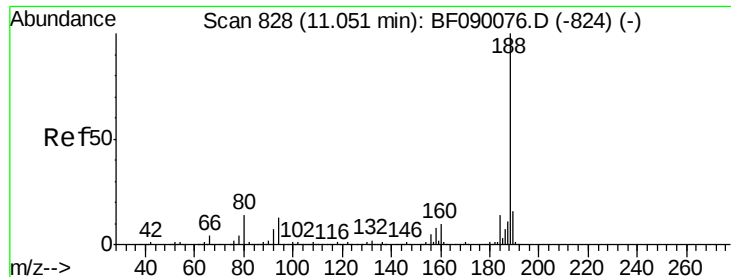
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

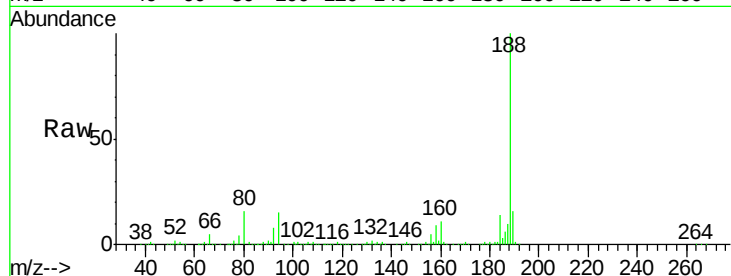
Tot Ion:188 Resp: 560022

Ion Ratio Lower Upper

188 100

94 14.7 10.5 15.7

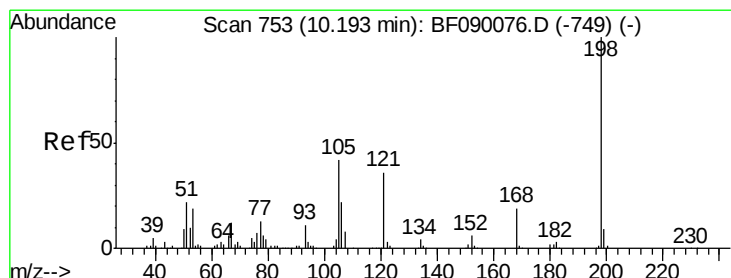
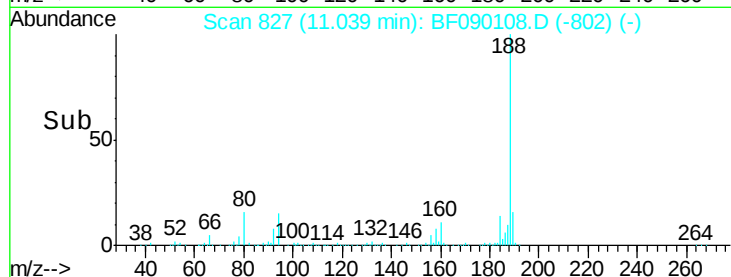
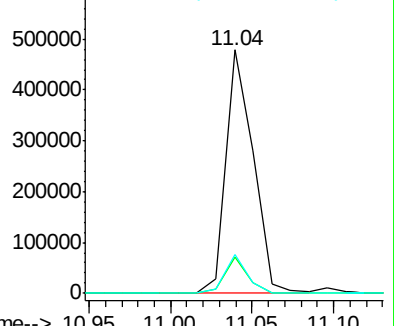
80 15.9 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.29 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

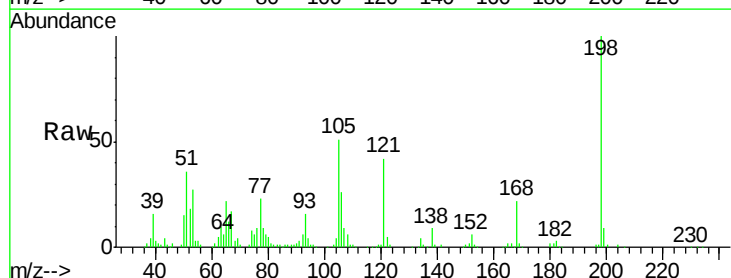
Tgt Ion:198 Resp: 132552

Ion Ratio Lower Upper

198 100

51 36.0 5.5 45.5

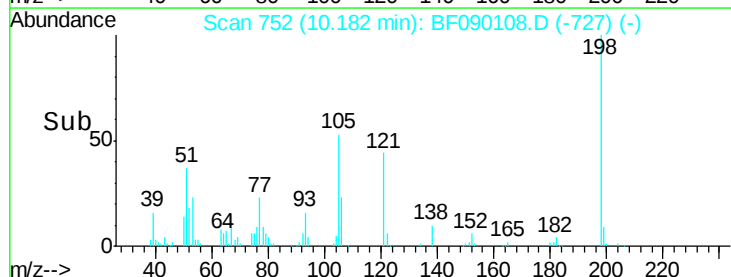
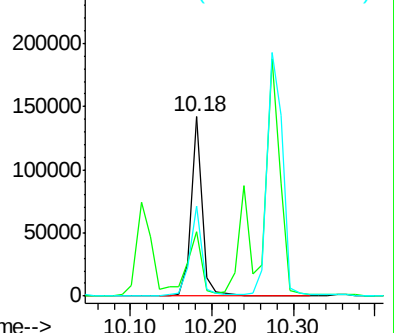
105 50.6 21.8 61.8

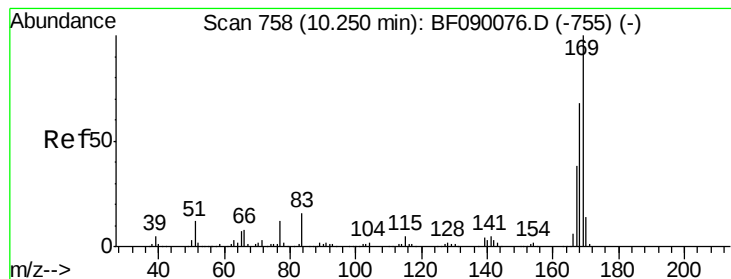


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.83 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

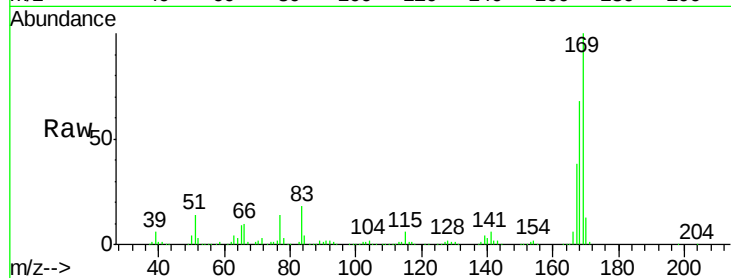
Tot Ion:169 Resp: 759950

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.4

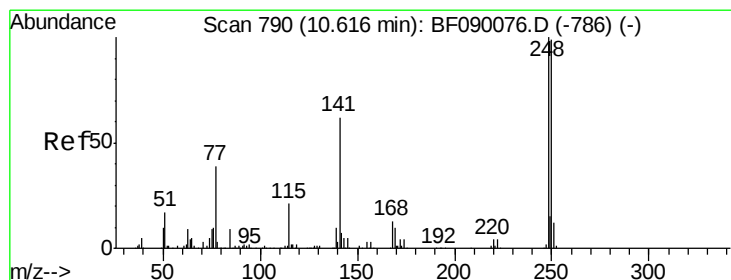
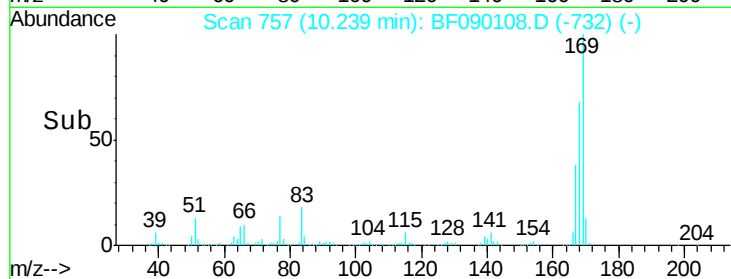
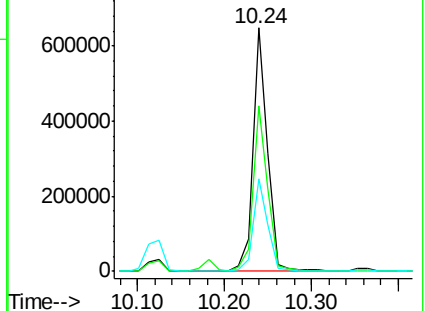
167 37.9 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.36 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

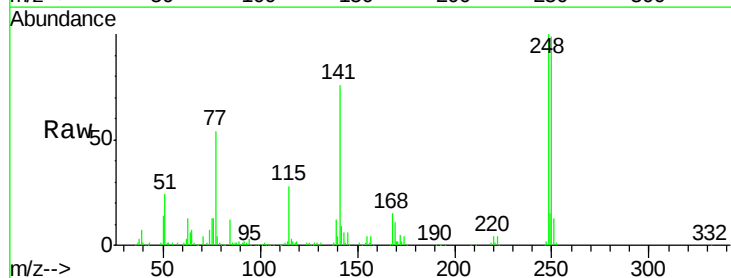
Tgt Ion:248 Resp: 255688

Ion Ratio Lower Upper

248 100

250 98.6 79.4 119.2

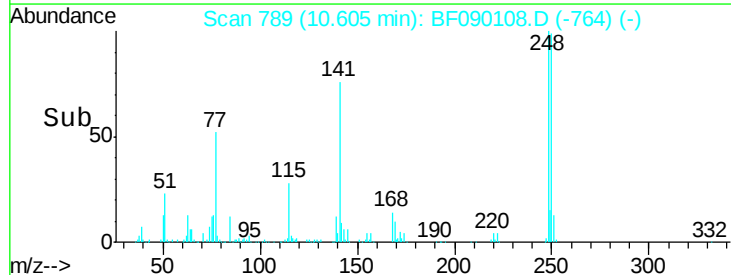
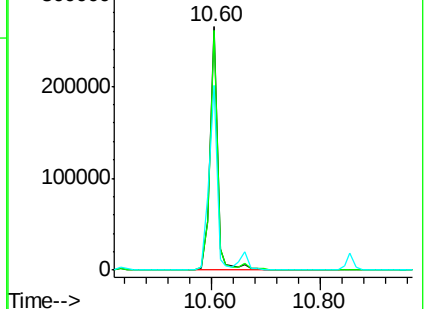
141 76.0 49.3 73.9#

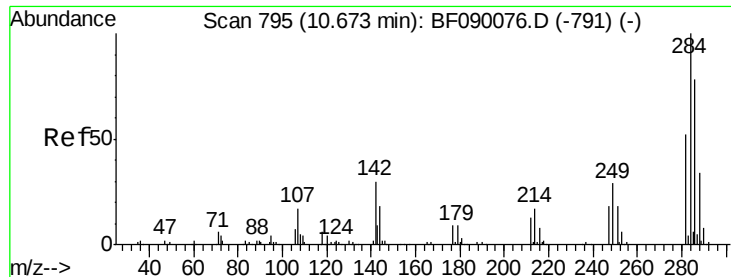


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

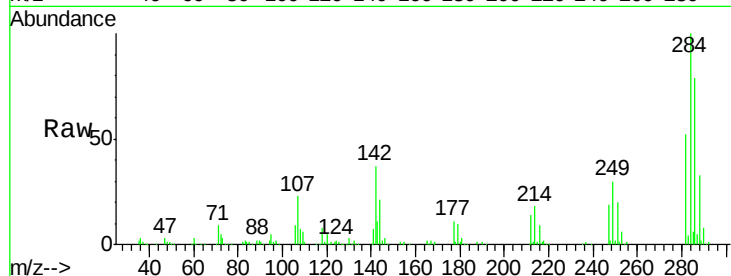




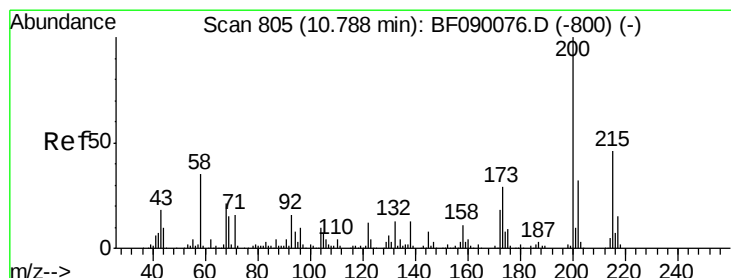
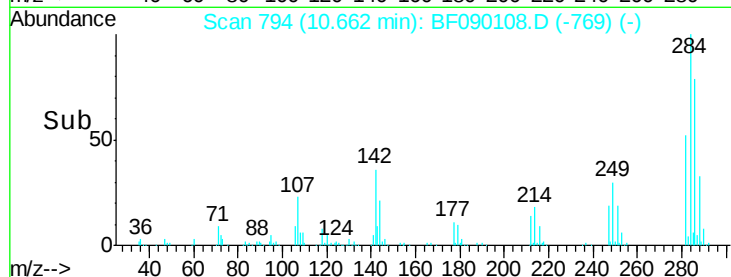
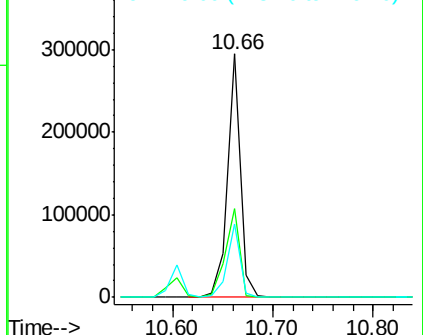
#67
Hexachlorobenzene
Concen: 41.42 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Instrument :
BNA_F
ClientSampleId :
PB93420BS

Tot Ion:284 Resp: 263488
Ion Ratio Lower Upper
284 100
142 36.6 24.0 36.0#
249 30.1 23.8 35.6

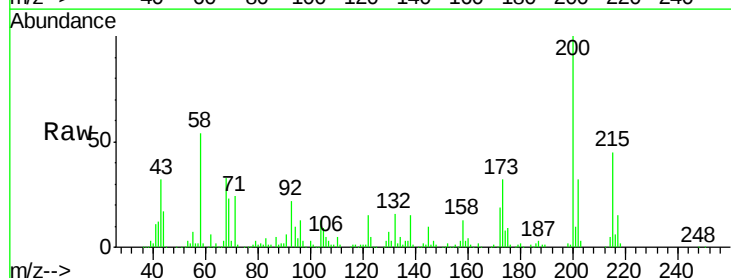


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

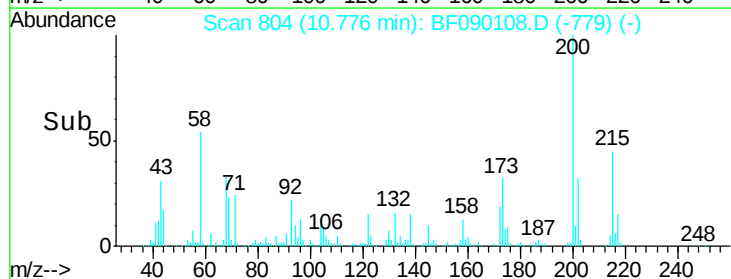
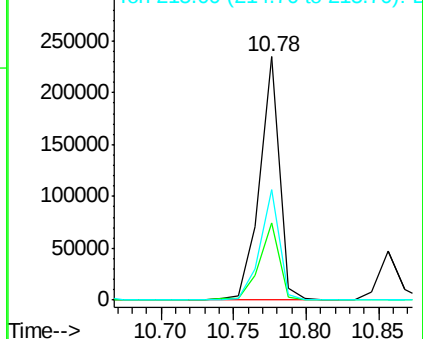


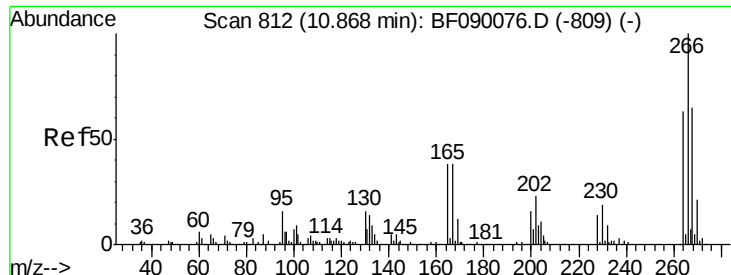
#68
Atrazine
Concen: 42.28 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:200 Resp: 222931
Ion Ratio Lower Upper
200 100
173 31.5 9.3 49.3
215 45.4 26.1 66.1



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

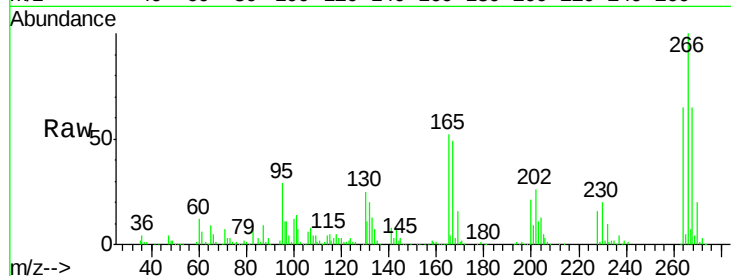




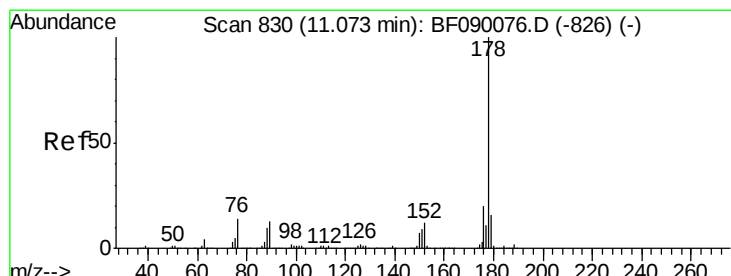
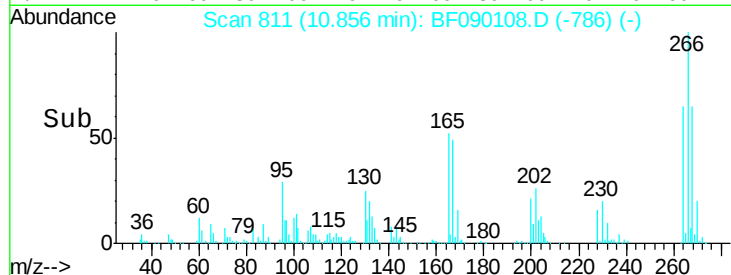
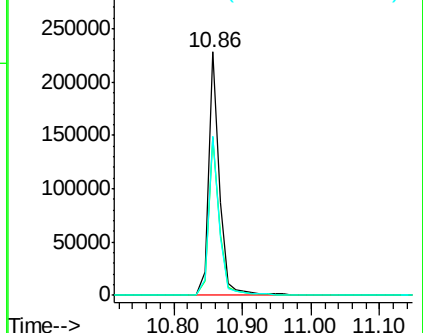
#69
 Pentachlorophenol
 Concen: 68.53 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

Tot Ion:266 Resp: 255406
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.1 78.1
 264 65.1 50.3 75.5

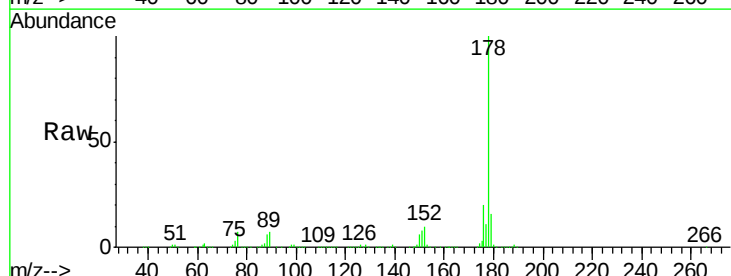


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

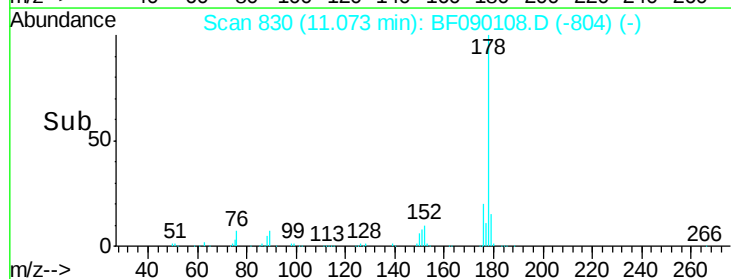
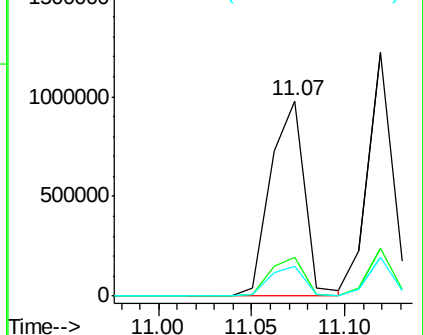


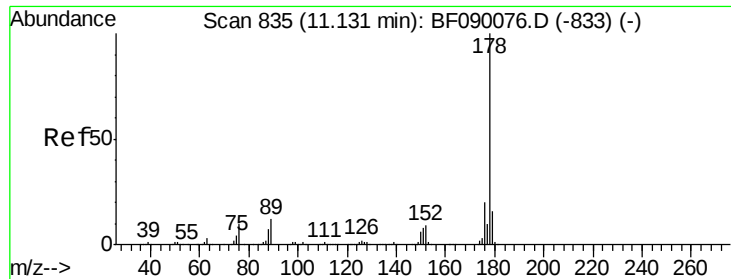
#70
 Phenanthrene
 Concen: 46.06 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Tgt Ion:178 Resp: 1246433
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.5 12.9 19.3



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

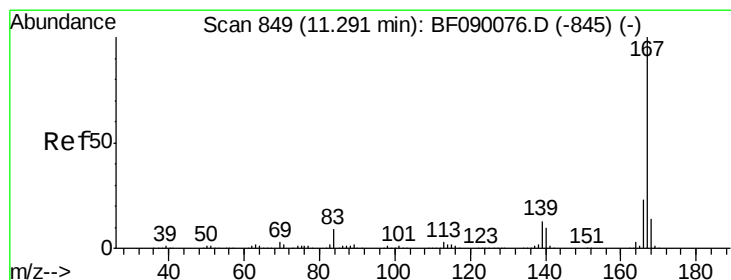
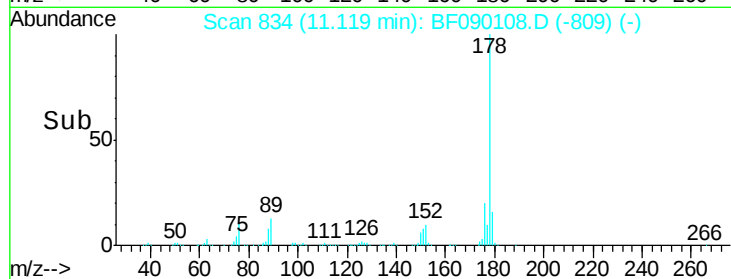
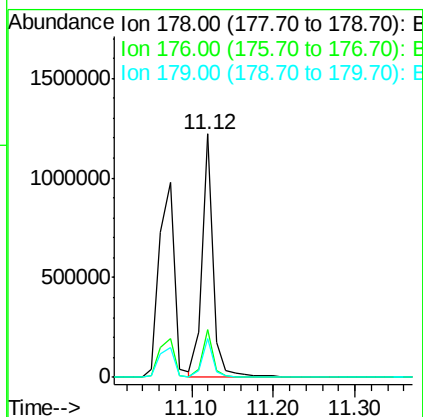
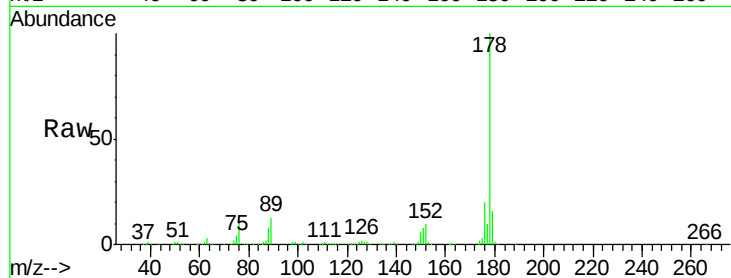




#71
 Anthracene
 Concen: 40.06 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

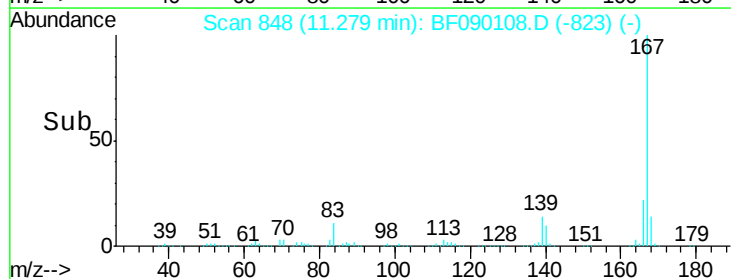
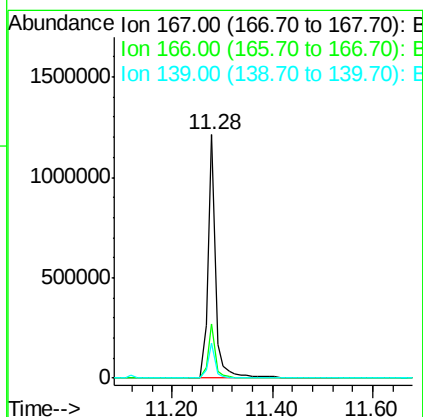
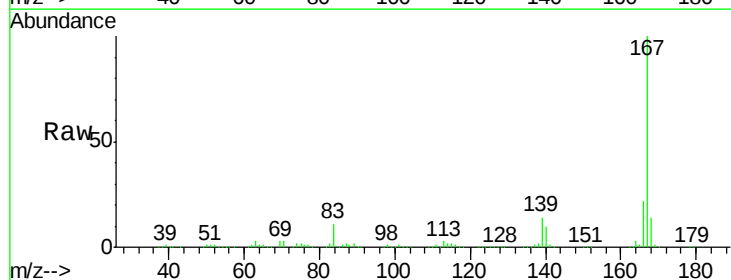
Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

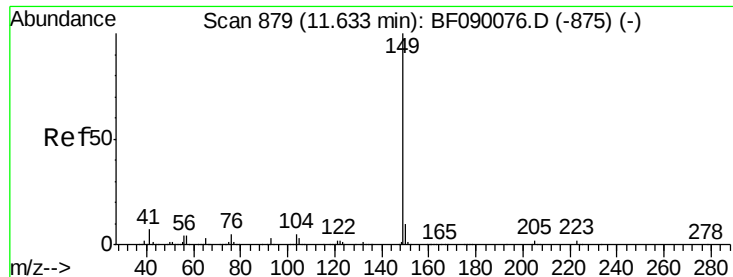
Tot Ion:178 Resp: 1183743
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 42.08 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Tgt Ion:167 Resp: 1275694
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 14.1 10.4 15.6





#73

Di-n-butylphthalate

Concen: 43.76 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

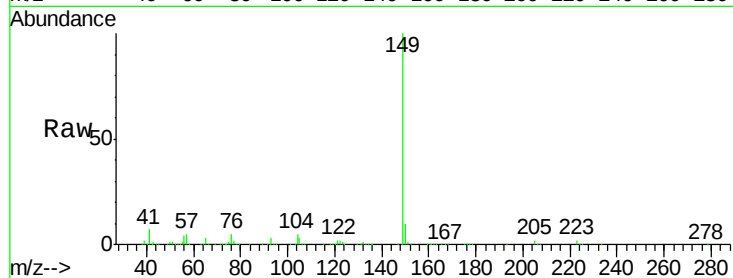
Tot Ion:149 Resp: 1487669

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

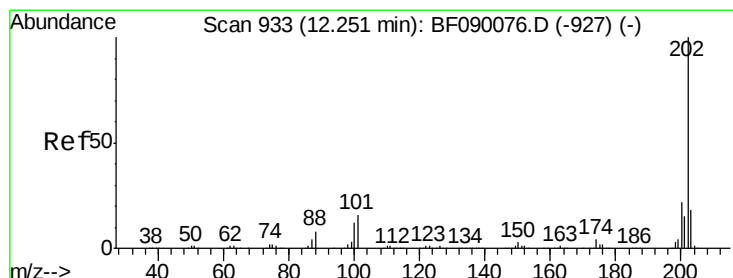
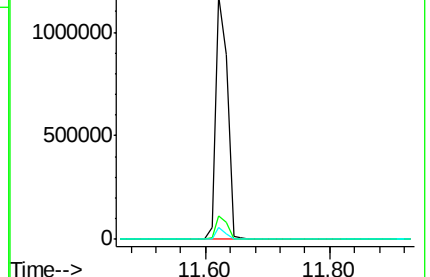
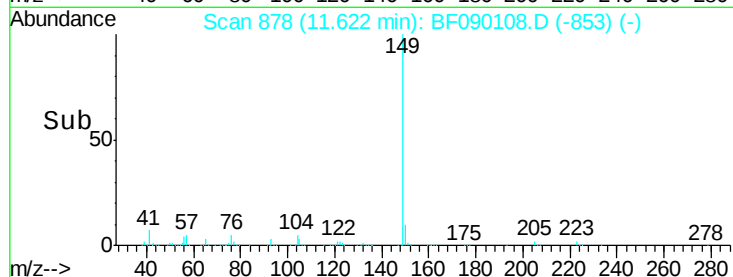
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.94 ng

RT: 12.24 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

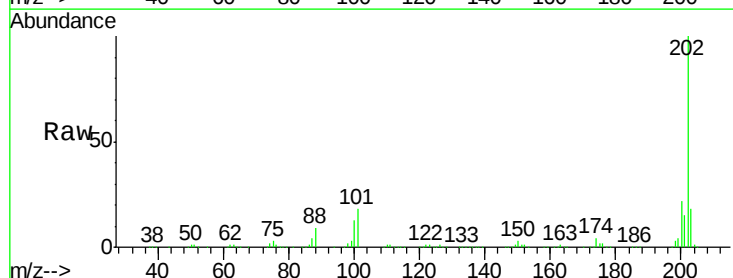
Tgt Ion:202 Resp: 1132608

Ion Ratio Lower Upper

202 100

101 17.6 0.0 36.1

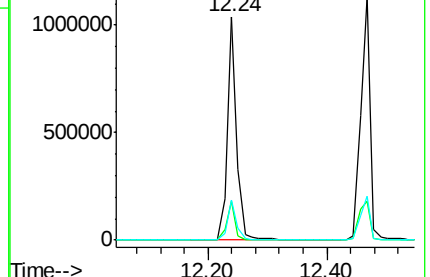
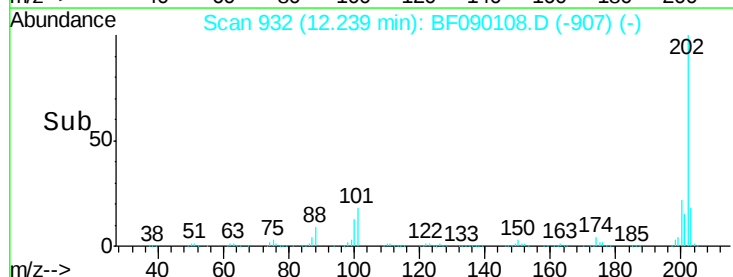
203 18.0 0.0 38.2

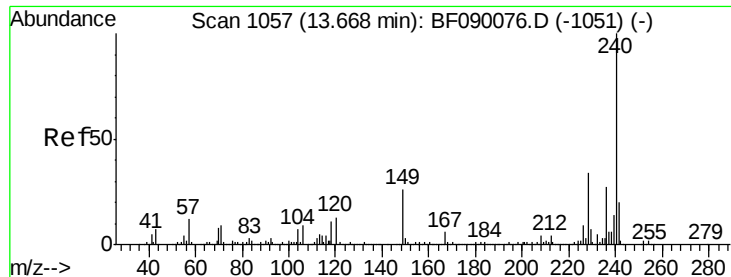


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

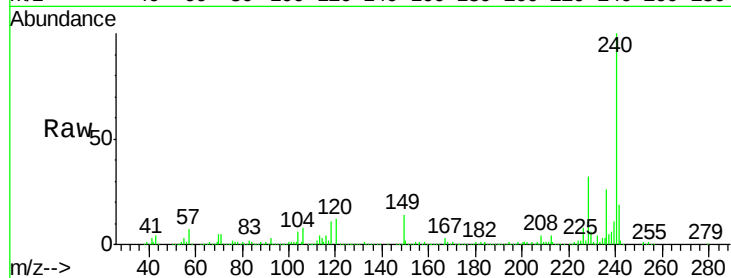
BNA_F

ClientSampleId :

PB93420BS

Tot Ion:240 Resp: 411795

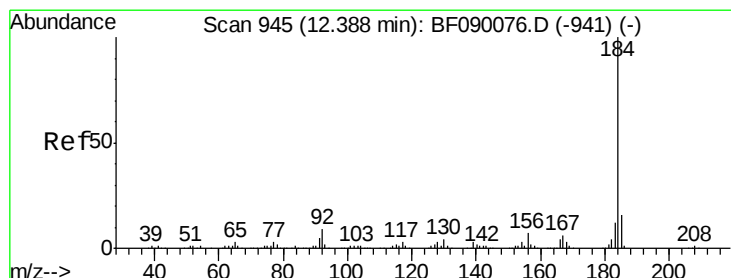
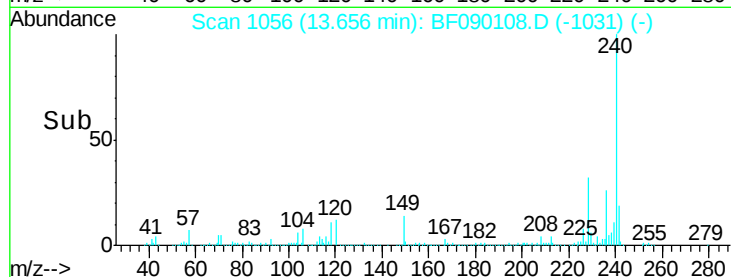
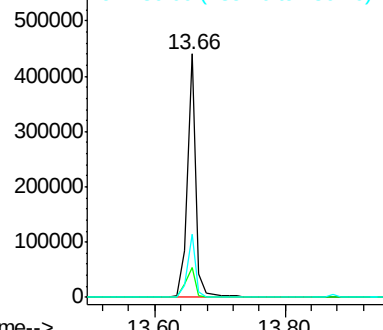
Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.6	16.0
236	26.1	21.6	32.4



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: 16.57 ng

RT: 12.38 min Scan# 944

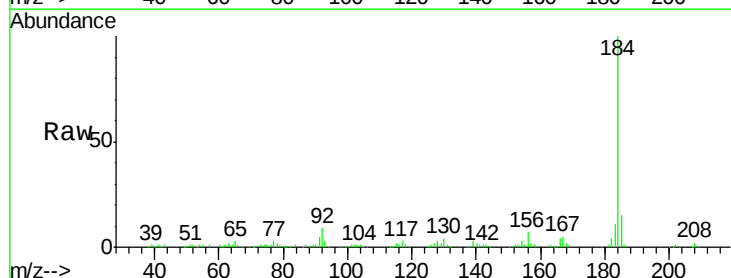
Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Tgt Ion:184 Resp: 278291

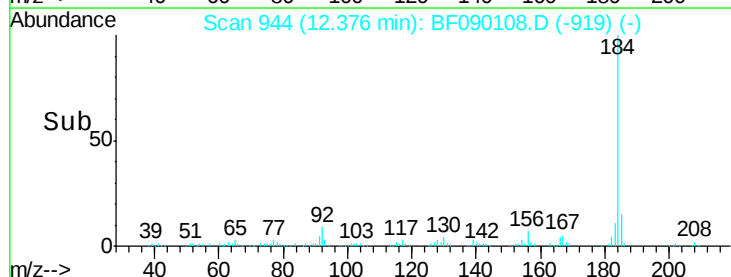
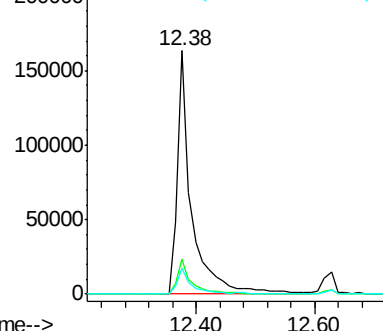
Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.2	19.8
183	10.9	9.2	13.8

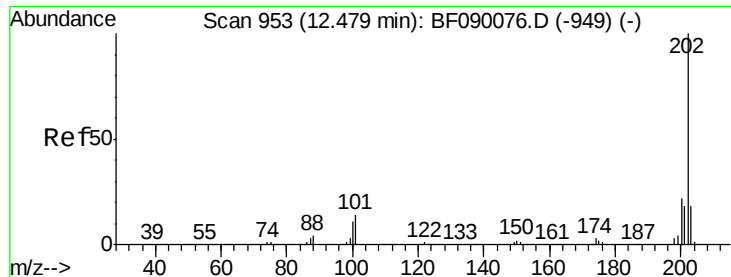


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

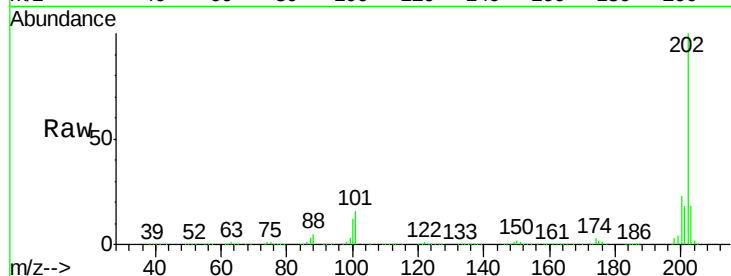




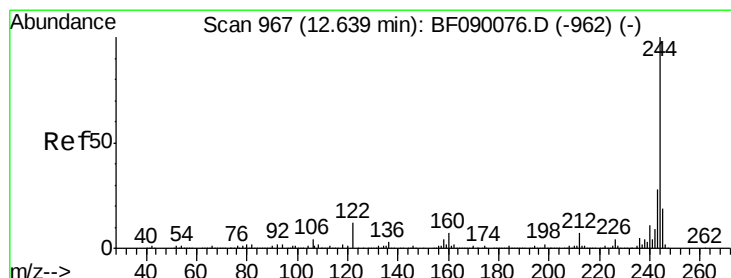
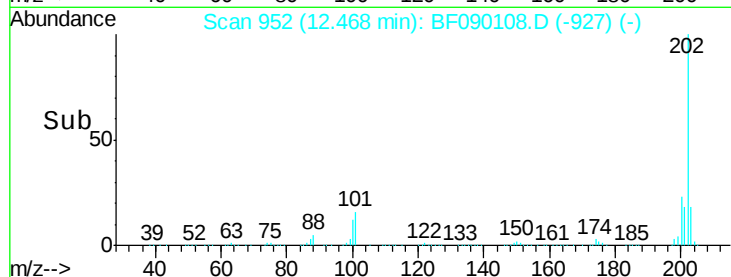
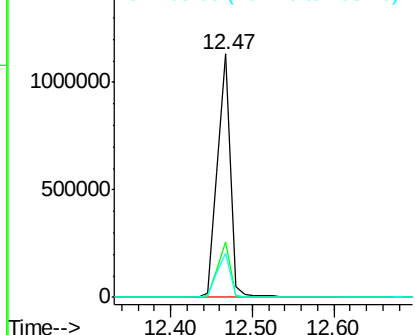
#77
Pvrene
Concen: 41.57 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Instrument :
BNA_F
ClientSampleId :
PB93420BS

Tot Ion:202 Resp: 1249432
Ion Ratio Lower Upper
202 100
200 22.9 17.9 26.9
203 17.9 14.2 21.4

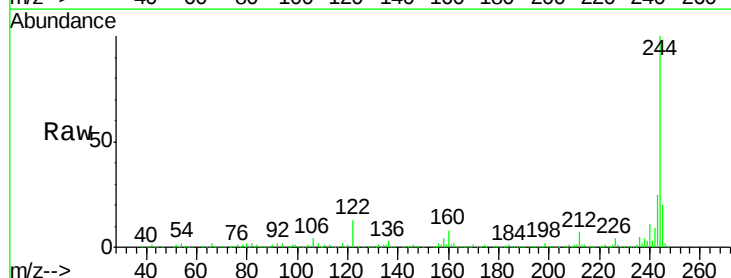


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

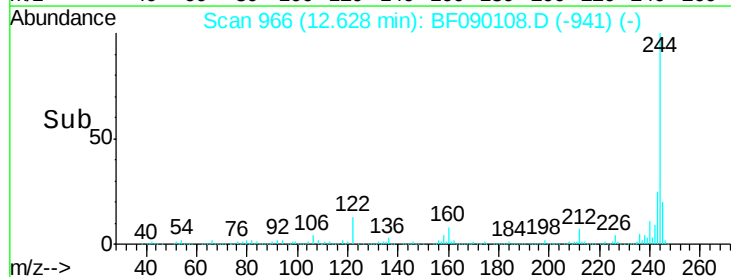
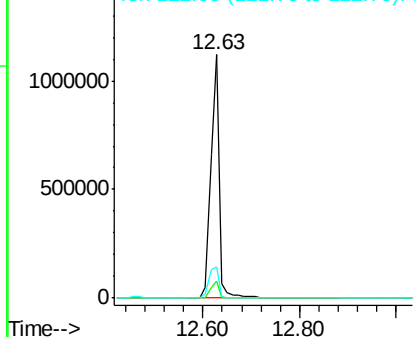


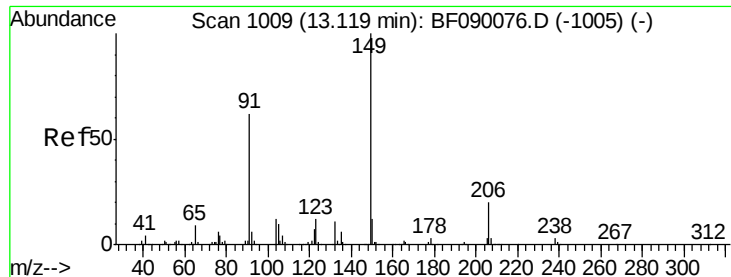
#78
Terphenyl-d14
Concen: 79.16 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:244 Resp: 1372618
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 12.7 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

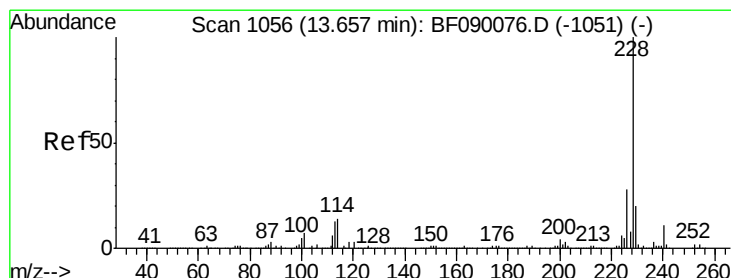
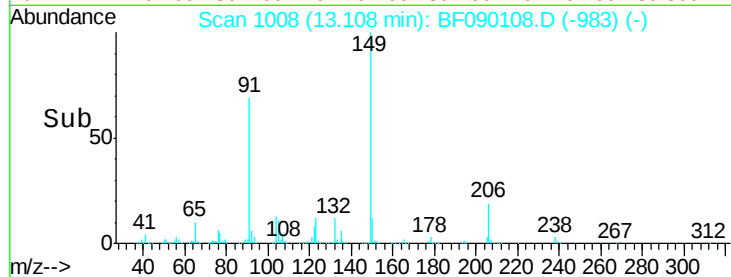
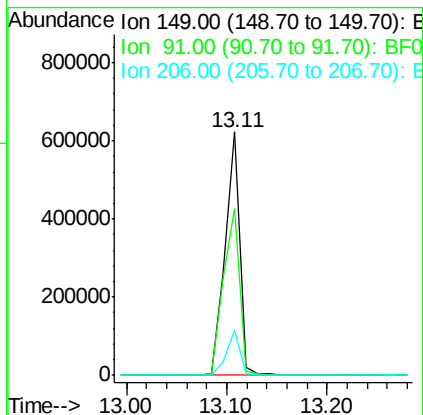
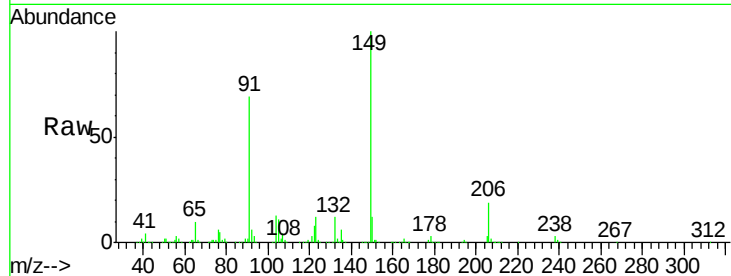




#79
Butylbenzylphthalate
Concen: 42.30 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

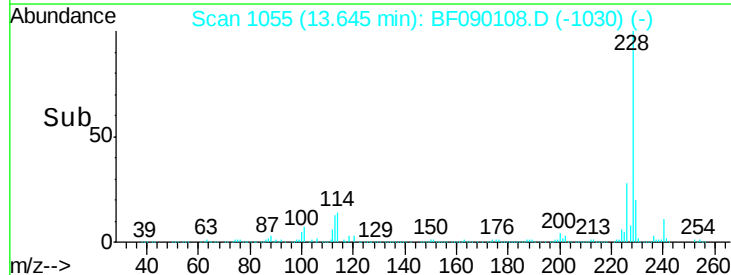
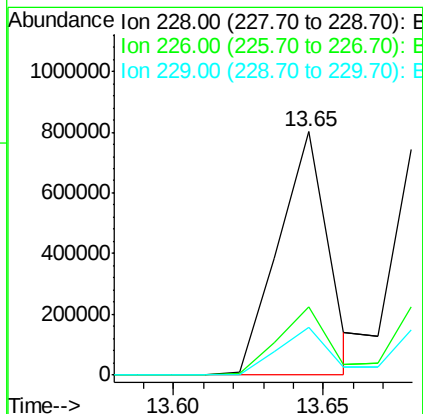
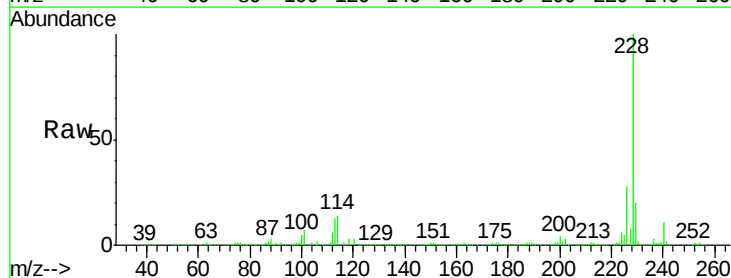
Instrument :
BNA_F
ClientSampleId :
PB93420BS

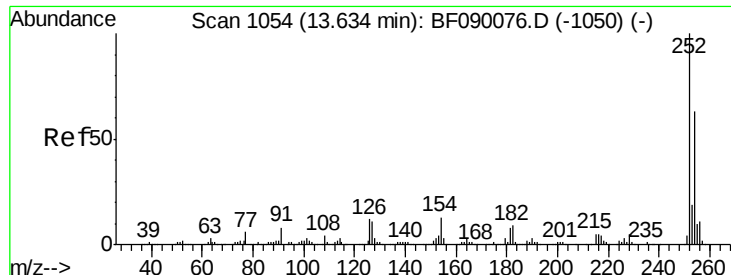
Tot Ion:149 Resp: 633069
Ion Ratio Lower Upper
149 100
91 68.5 49.8 74.6
206 18.6 16.3 24.5



#80
Benzo(a)anthracene
Concen: 38.17 ng m
RT: 13.65 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF090108.D
Acq: 16 Sep 2016 16:07

Tgt Ion:228 Resp: 917433
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 19.8 16.2 24.2

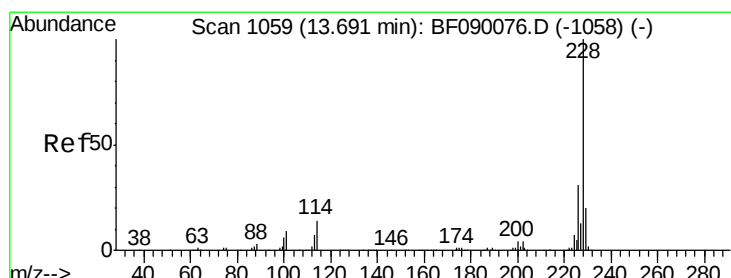
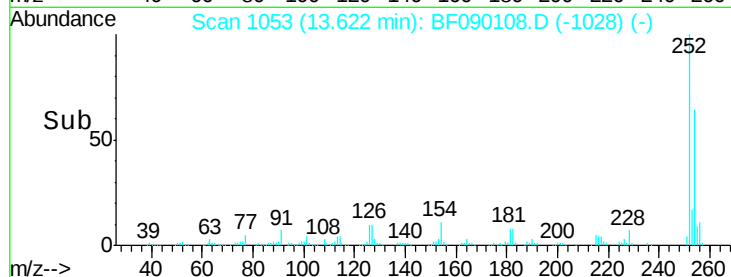
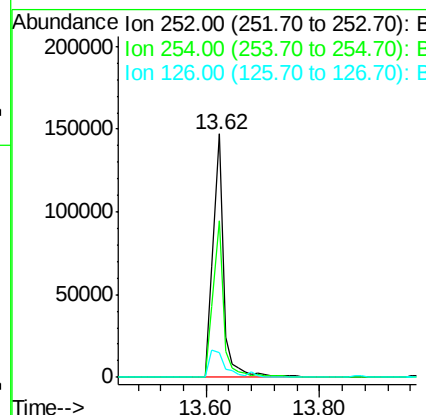
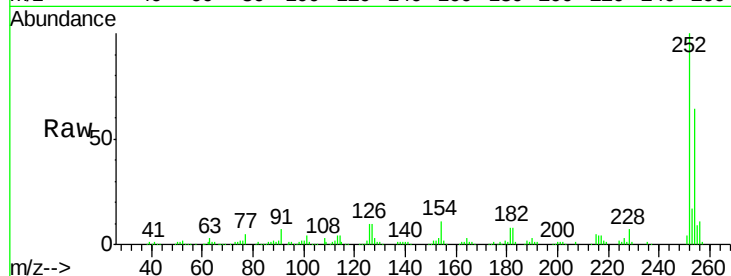




#81
 3,3'-Dichlorobenzidine
 Concen: 18.35 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

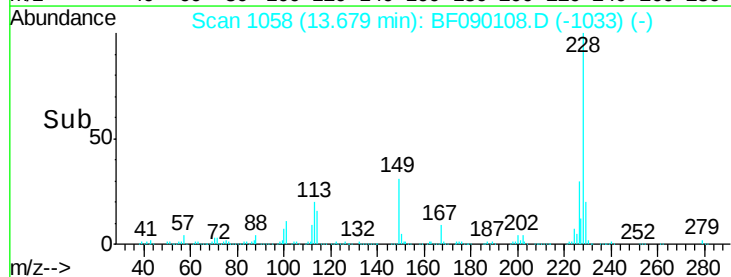
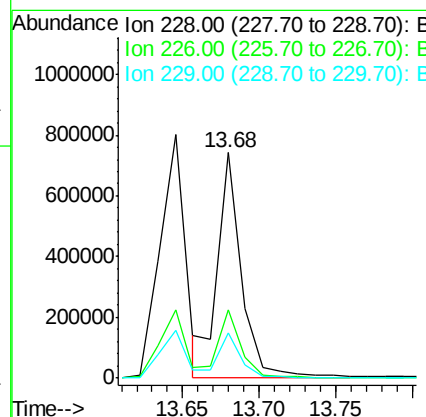
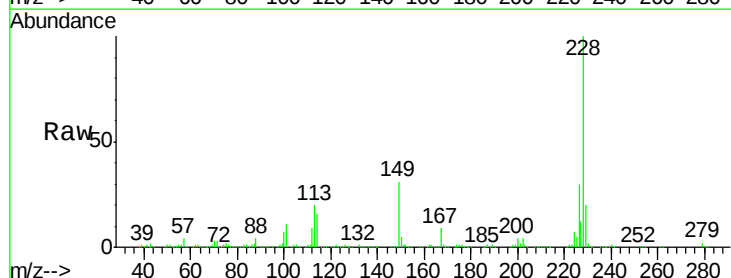
Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

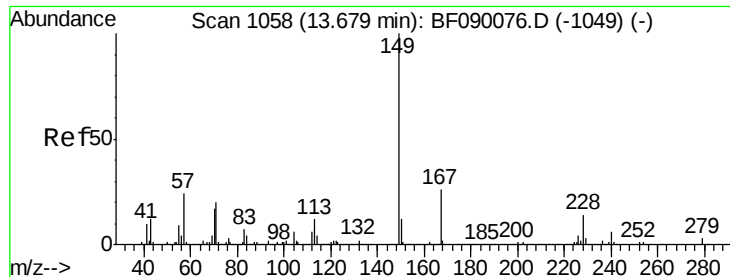
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.7	76.1
126	10.0	9.2	13.8



#82
 Chrysene
 Concen: 36.34 ng m
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	20.1	16.2	24.4

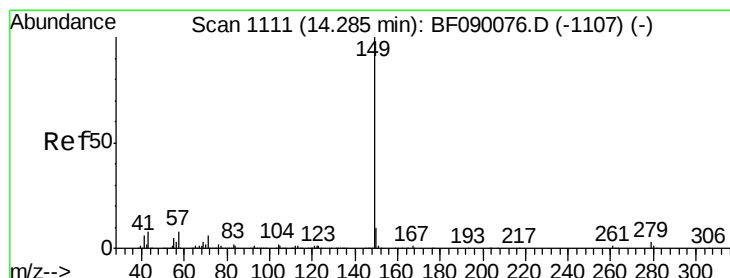
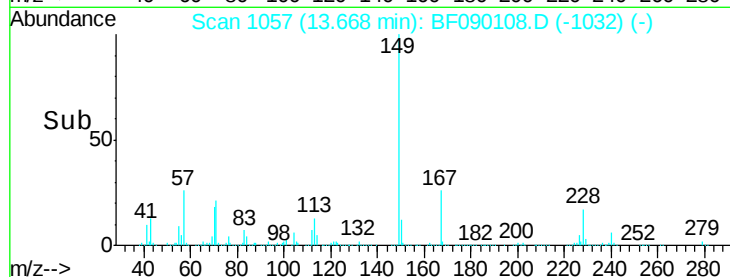
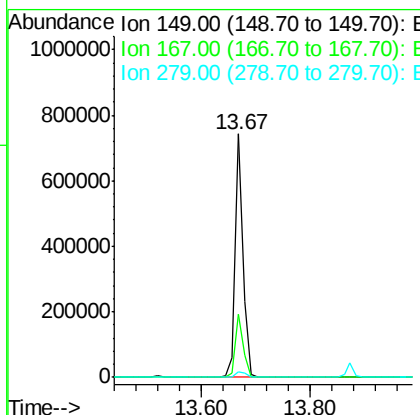
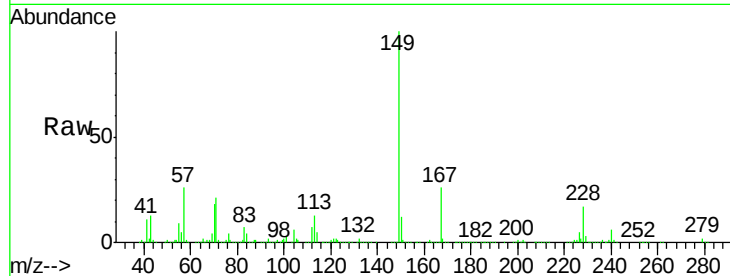




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.35 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

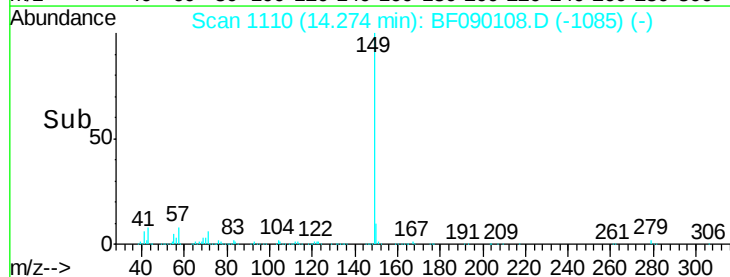
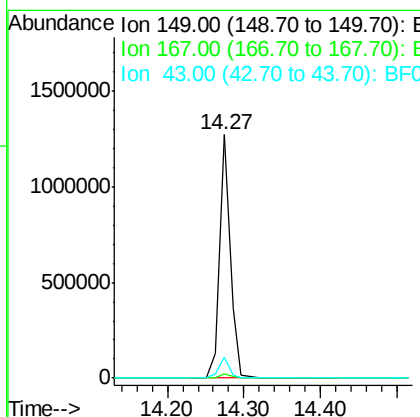
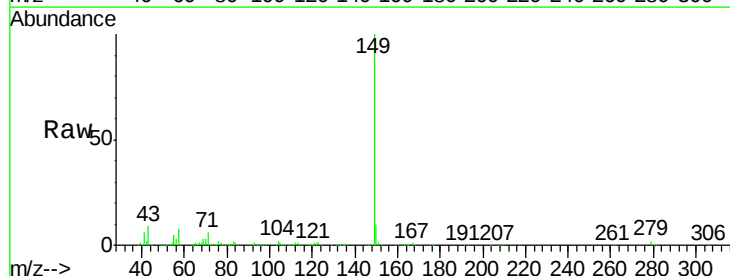
Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

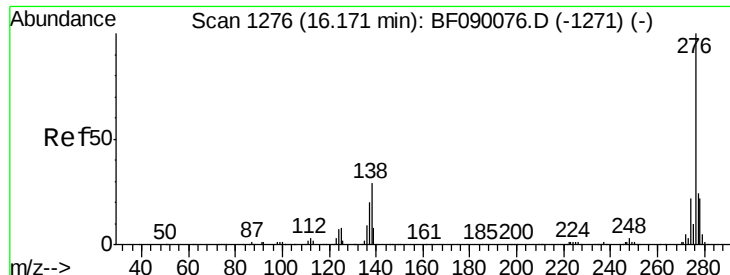
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.2	31.8
279	2.4	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 37.36 ng
 RT: 14.27 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.2	6.8	10.2

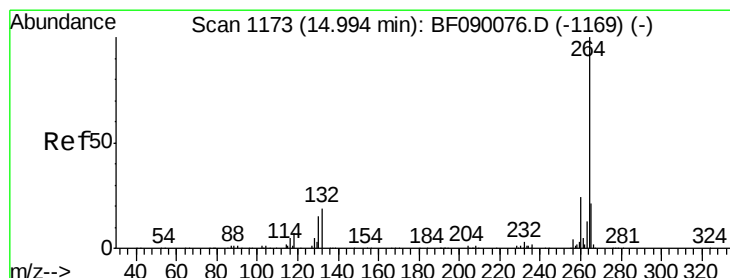
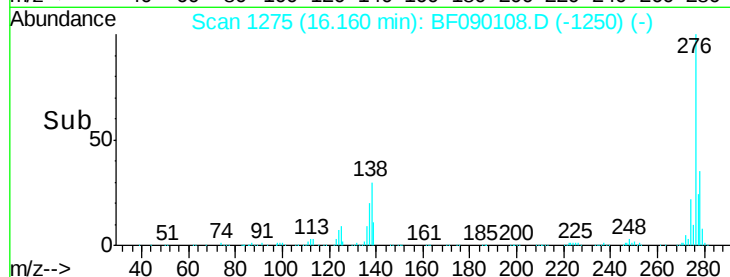
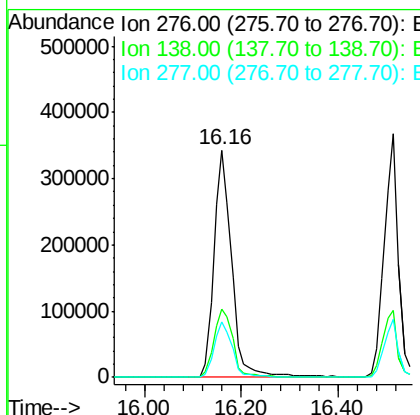
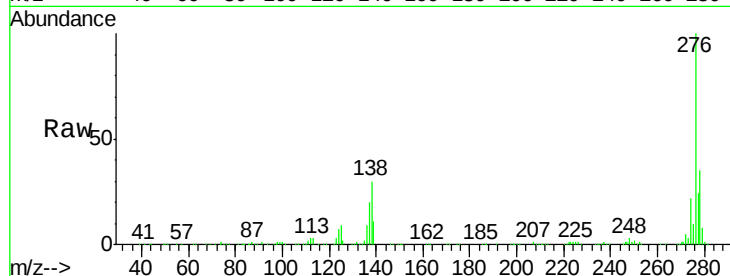




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.37 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

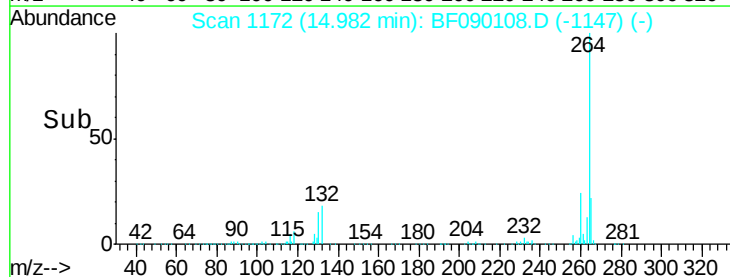
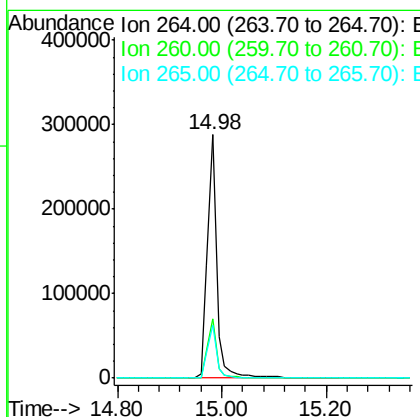
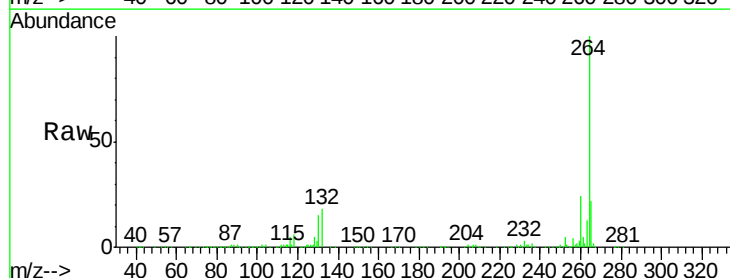
Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

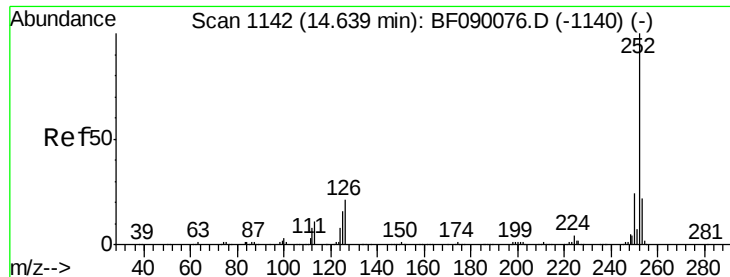
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.9	38.9
277	25.2	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 51.57 ng m

RT: 14.64 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

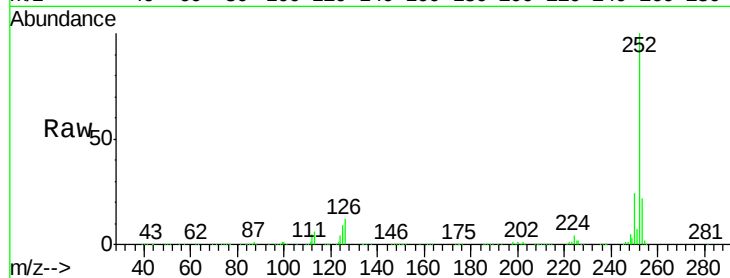
Tot Ion:252 Resp: 1090090

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

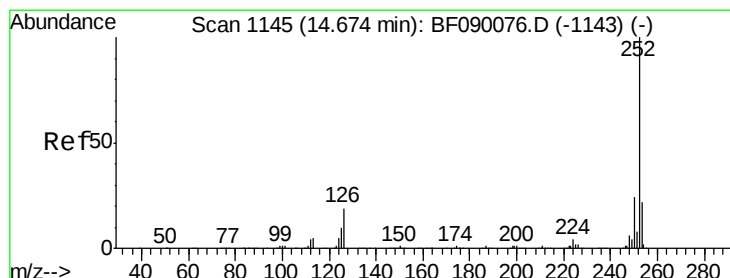
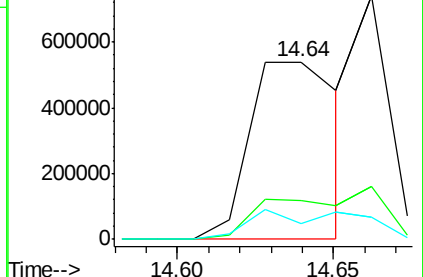
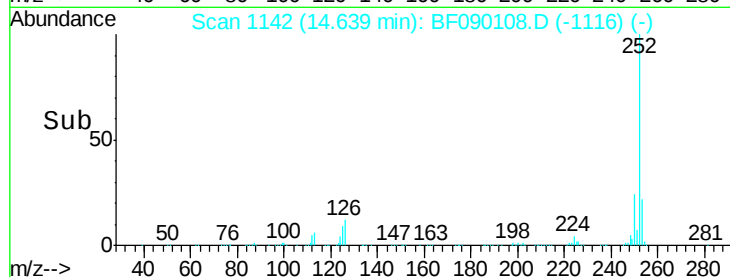
125 8.9 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.87 ng m

RT: 14.66 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

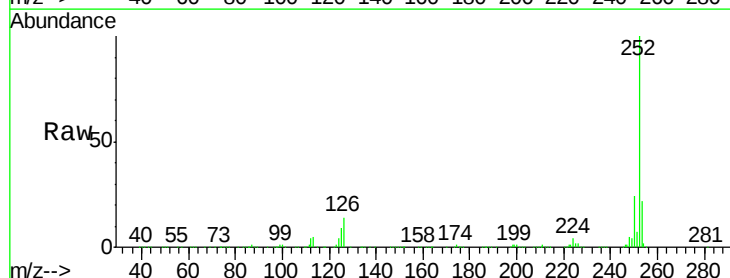
Tgt Ion:252 Resp: 606525

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

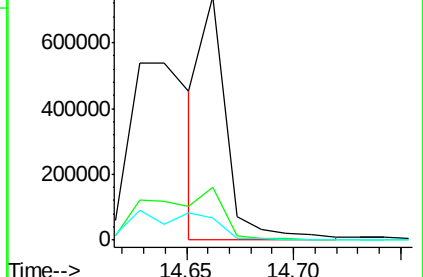
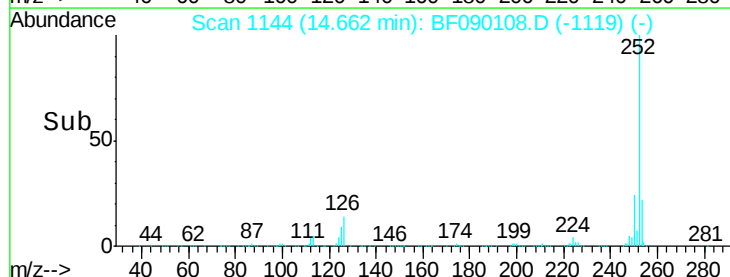
125 9.3 7.8 11.6

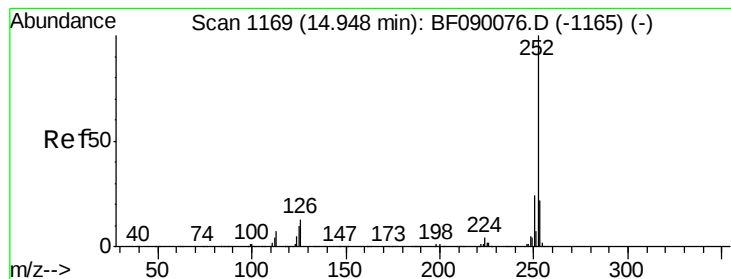


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.04 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

Instrument :

BNA_F

ClientSampleId :

PB93420BS

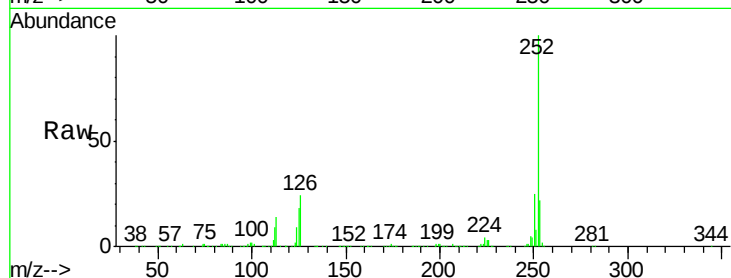
Tot Ion:252 Resp: 815748

Ion Ratio Lower Upper

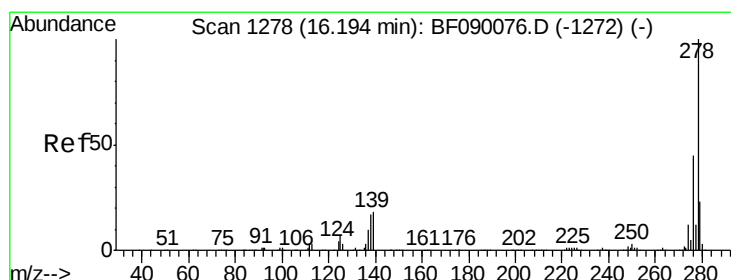
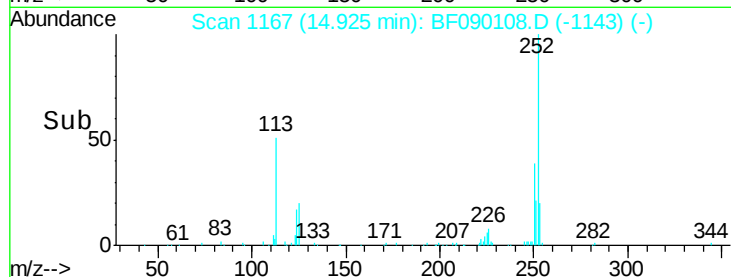
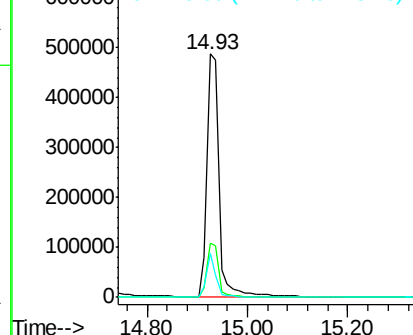
252 100

253 22.3 17.4 26.0

125 18.1 7.7 11.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 52.19 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF090108.D

Acq: 16 Sep 2016 16:07

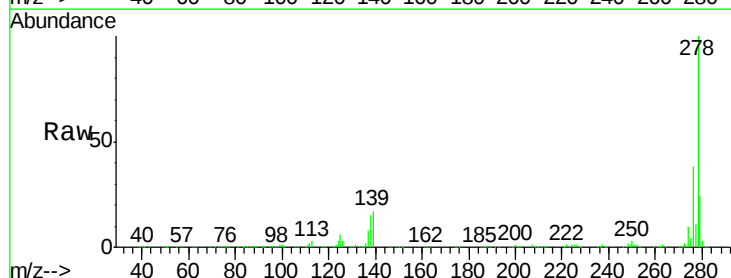
Tgt Ion:278 Resp: 774808

Ion Ratio Lower Upper

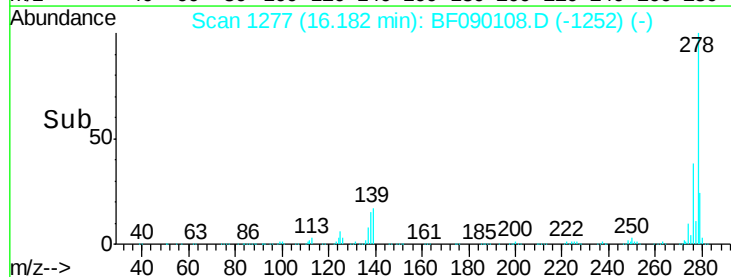
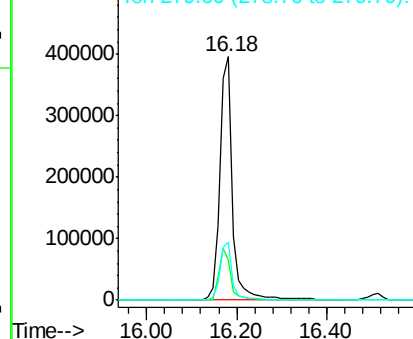
278 100

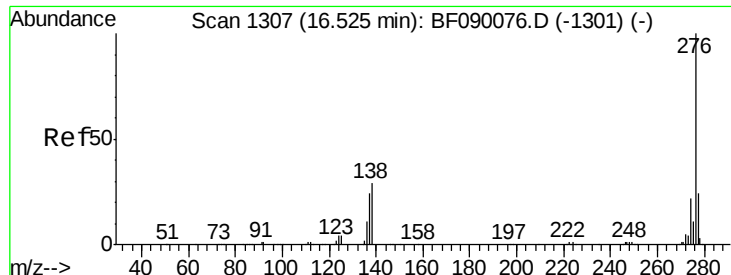
139 16.7 14.6 21.8

279 23.9 18.8 28.2



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





#91
 Benzo(a,h,i)perylene
 Concen: 53.82 ng
 RT: 16.51 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF090108.D
 Acq: 16 Sep 2016 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93420BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	27.4	23.3	34.9

