

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
 Data File : BF092986.D
 Acq On : 16 Feb 2017 17:41
 Operator : SJ/MA
 Sample : PB96992BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

Quant Time: Feb 16 18:22:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147551	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	604124	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	327348	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	573039	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	484087	20.00	ng	-0.03
86) Perylene-d12	15.45	264	396220	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1077558	125.29	ng	-0.01
7) Phenol-d6	6.50	99	1395772	126.13	ng	-0.03
23) Nitrobenzene-d5	7.42	82	814192	75.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	304633	128.67	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1405668	77.80	ng	-0.02
78) Terphenyl-d14	12.97	244	1512792	73.43	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	160658	34.57	ng	# 86
3) Pyridine	3.23	79	412495	34.91	ng	86
4) n-Nitrosodimethylamine	3.18	42	223793	40.33	ng	84
6) Aniline	6.52	93	331692	21.97	ng	# 82
8) 2-Chlorophenol	6.65	128	402338	42.40	ng	99
9) Benzaldehyde	6.41	77	81070	10.23	ng	98
10) Phenol	6.52	94	468135	36.16	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	414963	40.15	ng	97
12) 1,3-Dichlorobenzene	6.80	146	416371m	37.47	ng	
13) 1,4-Dichlorobenzene	6.88	146	430017	38.23	ng	98
14) 1,2-Dichlorobenzene	7.04	146	407288	37.87	ng	94
15) Benzyl Alcohol	7.00	79	335581	40.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	717392	39.96	ng	93
17) 2-Methylphenol	7.13	107	356234	43.76	ng	94
18) Hexachloroethane	7.37	117	146303	38.10	ng	# 89
19) n-Nitroso-di-n-propylamine	7.28	70	270223	38.36	ng	95
20) 3+4-Methylphenols	7.28	107	392298	40.31	ng	# 83
22) Acetophenone	7.28	105	522879	37.91	ng	# 92
24) Nitrobenzene	7.45	77	462425	41.51	ng	94
25) Isophorone	7.69	82	822158	40.67	ng	97
26) 2-Nitrophenol	7.77	139	224152	42.33	ng	# 81
27) 2,4-Dimethylphenol	7.80	122	355294	38.21	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	495085	36.98	ng	100
29) 2,4-Dichlorophenol	8.01	162	367285	42.35	ng	92
30) 1,2,4-Trichlorobenzene	8.09	180	368106	39.38	ng	96
31) Naphthalene	8.17	128	1157762	37.80	ng	99
32) Benzoic acid	7.94	122	250146	47.55	ng	98
33) 4-Chloroaniline	8.21	127	173670	14.46	ng	94
34) Hexachlorobutadiene	8.28	225	184832	35.94	ng	99
35) Caprolactam	8.59	113	120035m	44.00	ng	
36) 4-Chloro-3-methylphenol	8.70	107	364252	40.28	ng	99
37) 2-Methylnaphthalene	8.85	142	745275	37.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	350022	38.09	ng	100
40) Hexachlorocyclopentadiene	9.01	237	310549	74.91	ng	98

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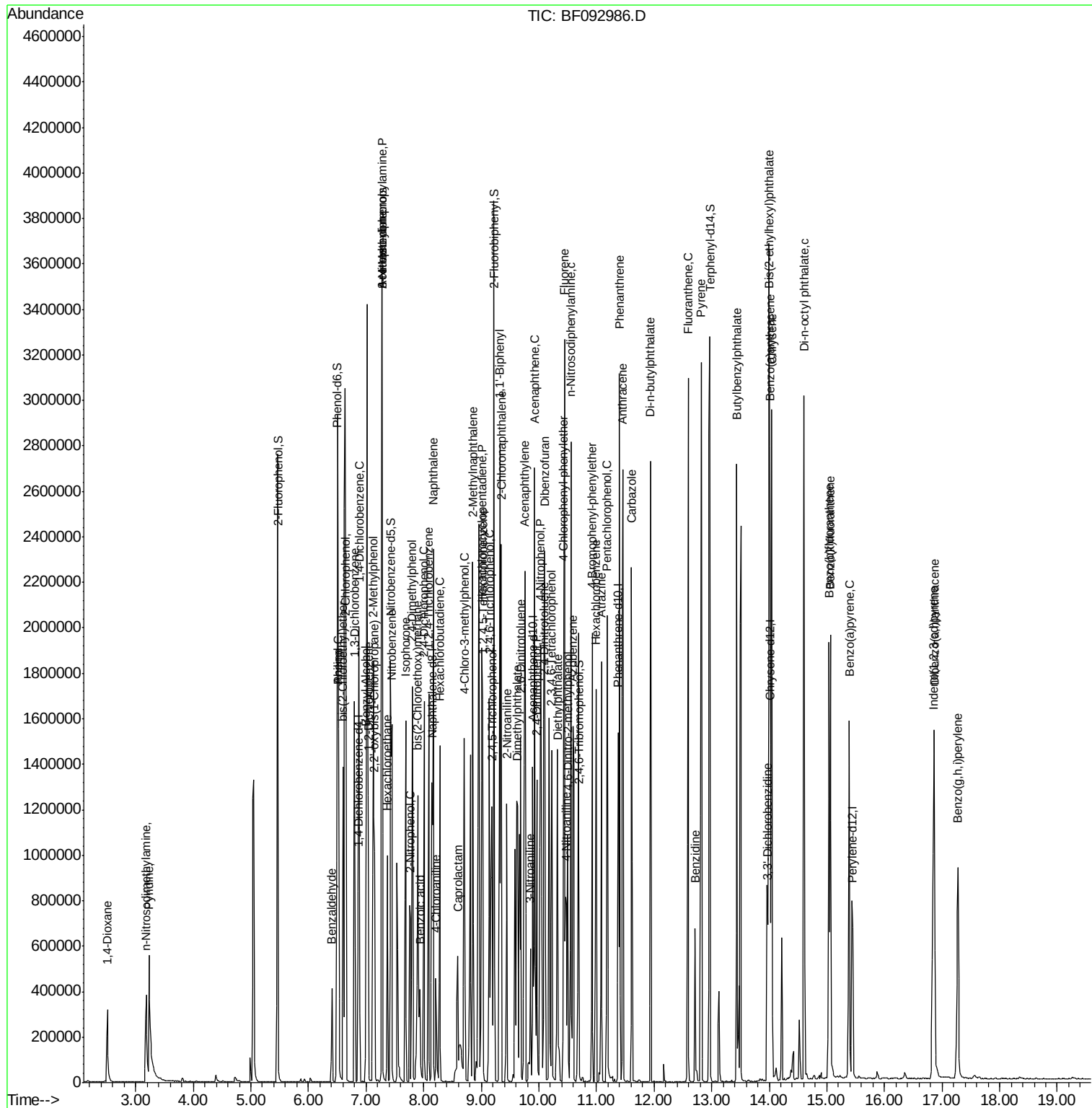
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	266237	44.09	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	253123	38.26	ng	# 85
45) 1,1'-Biphenyl	9.32	154	971071	40.97	ng	99
46) 2-Chloronaphthalene	9.34	162	740566	39.94	ng	98
47) 2-Nitroaniline	9.45	65	261209	41.90	ng	# 74
48) Acenaphthylene	9.76	152	1143629	35.70	ng	99
49) Dimethylphthalate	9.63	163	929194	42.14	ng	99
50) 2,6-Dinitrotoluene	9.69	165	210762	44.26	ng	95
51) Acenaphthene	9.93	154	739388	38.61	ng	96
52) 3-Nitroaniline	9.85	138	117564	21.57	ng	89
53) 2,4-Dinitrophenol	9.96	184	183472	75.99	ng	# 60
54) Dibenzofuran	10.10	168	972962	37.98	ng	98
55) 4-Nitrophenol	10.03	139	352086	89.71	ng	85
56) 2,4-Dinitrotoluene	10.09	165	239063	37.71	ng	93
57) Fluorene	10.44	166	721810	36.63	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	209557	47.48	ng	96
59) Diethylphthalate	10.33	149	866713	41.71	ng	# 92
60) 4-Chlorophenyl-phenylether	10.43	204	357156	37.72	ng	97
61) 4-Nitroaniline	10.48	138	232627	41.68	ng	80
62) Azobenzene	10.59	77	962586	44.84	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	141519	40.99	ng	# 65
65) n-Nitrosodiphenylamine	10.56	169	678663	37.07	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	209793	35.04	ng	95
67) Hexachlorobenzene	10.99	284	223209	37.73	ng	# 93
68) Atrazine	11.08	200	213605	36.36	ng	99
69) Pentachlorophenol	11.18	266	241345	79.11	ng	97
70) Phenanthrene	11.40	178	1130758	34.44	ng	98
71) Anthracene	11.46	178	1361575	41.30	ng	98
72) Carbazole	11.61	167	1084045	34.40	ng	99
73) Di-n-butylphthalate	11.94	149	1339109	39.29	ng	# 97
74) Fluoranthene	12.59	202	1251716	36.96	ng	97
76) Benzidine	12.72	184	376525	18.25	ng	96
77) Pyrene	12.82	202	1312774	36.24	ng	99
79) Butylbenzylphthalate	13.44	149	608416	41.36	ng	93
80) Benzo(a)anthracene	14.01	228	1039176	35.10	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	250860	23.77	ng	# 94
82) Chrysene	14.04	228	982652	35.45	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	836570	41.58	ng	# 97
84) Di-n-octyl phthalate	14.60	149	1396145	42.62	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	867737	40.41	ng	# 94
87) Benzo(b)fluoranthene	15.04	252	1030333	39.51	ng	98
88) Benzo(k)fluoranthene	15.06	252	881194m	39.13	ng	
89) Benzo(a)pyrene	15.39	252	924245	40.97	ng	# 96
90) Dibenzo(a,h)anthracene	16.87	278	731277	40.11	ng	97
91) Benzo(g,h,i)perylene	17.28	276	727767	39.51	ng	# 92

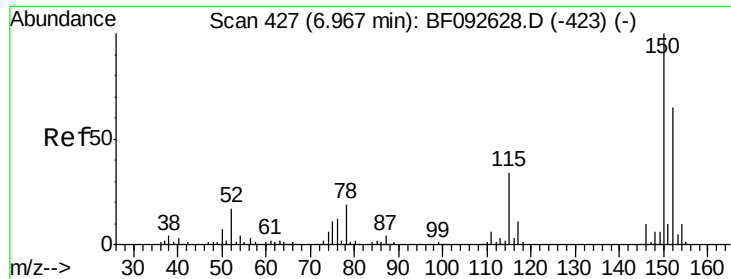
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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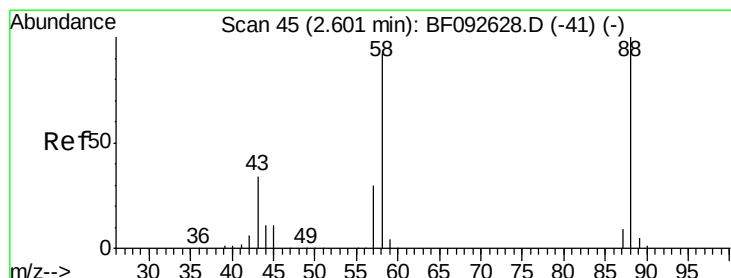
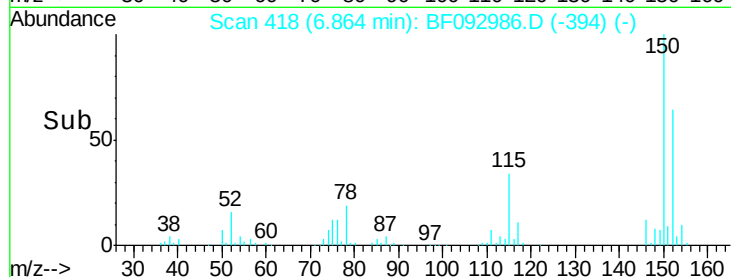
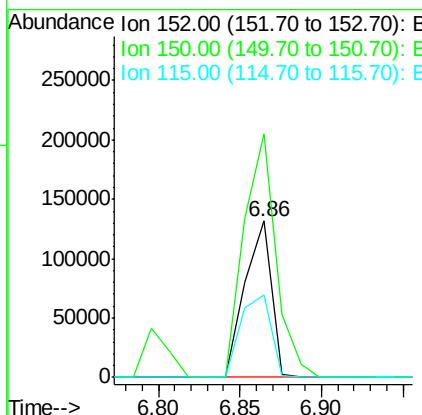
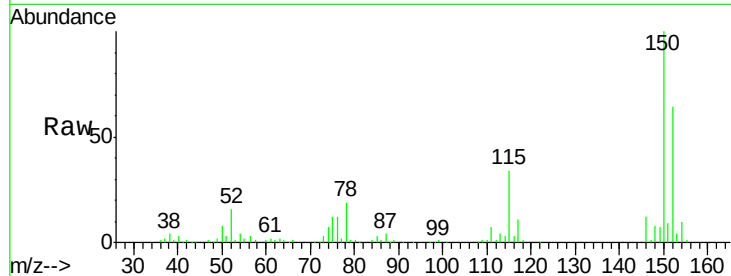




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

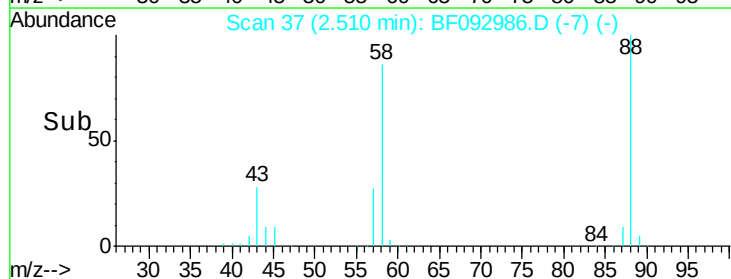
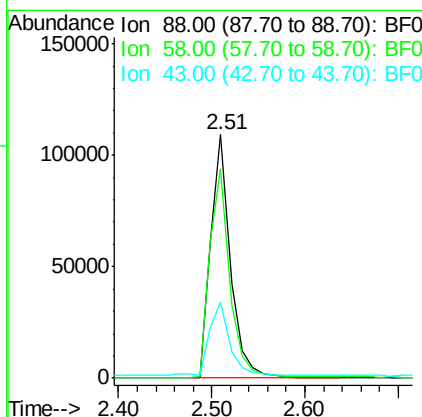
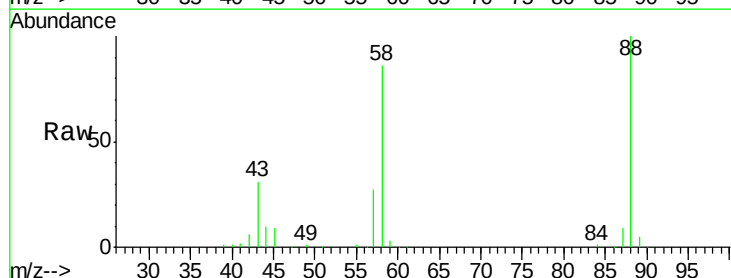
Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

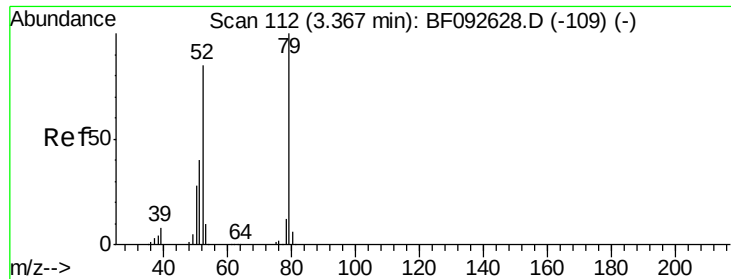
Tgt Ion: 152 Resp: 147551
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.9 187.3
 115 53.0 46.0 69.0



#2
 1,4-Dioxane
 Concen: 34.57 ng
 RT: 2.51 min Scan# 37
 Delta R.T. 0.05 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion: 88 Resp: 160658
 Ion Ratio Lower Upper
 88 100
 58 87.1 57.8 86.8#
 43 31.0 22.3 33.5





#3

Pyridine

Concen: 34.91 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

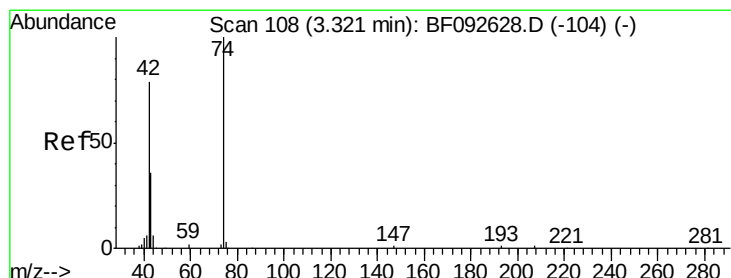
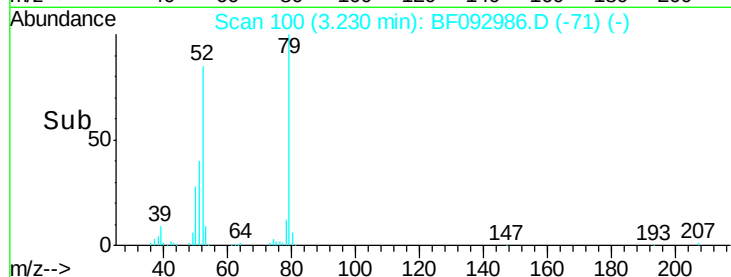
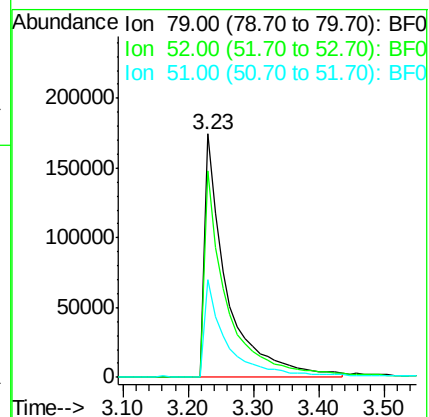
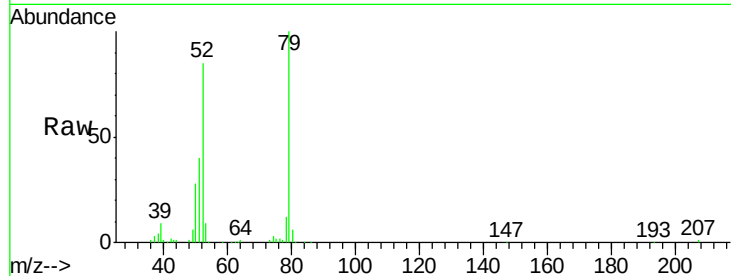
Tgt Ion: 79 Resp: 412495

Ion Ratio Lower Upper

79 100

52 84.7 57.1 85.7

51 40.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.33 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

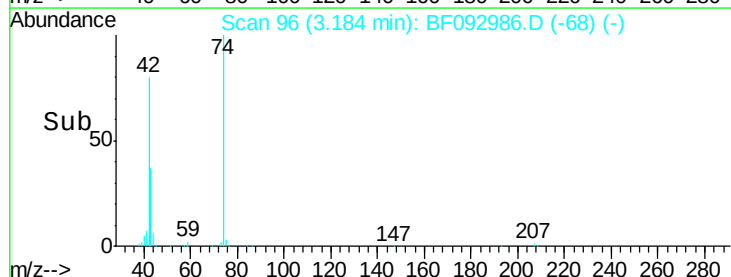
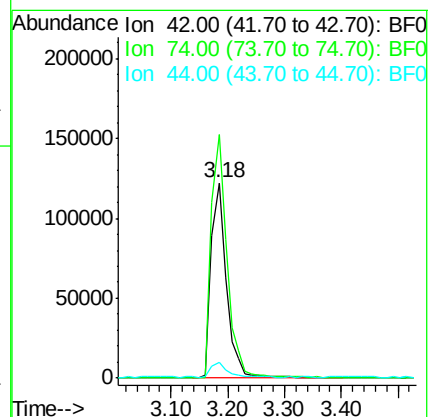
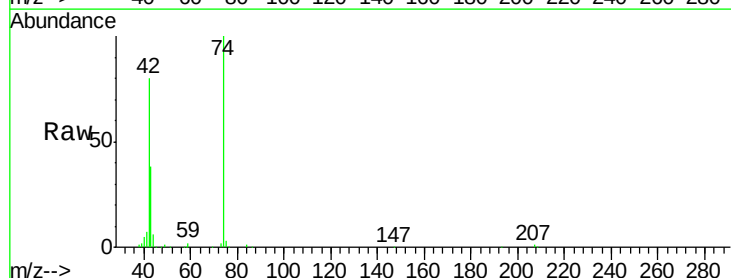
Tgt Ion: 42 Resp: 223793

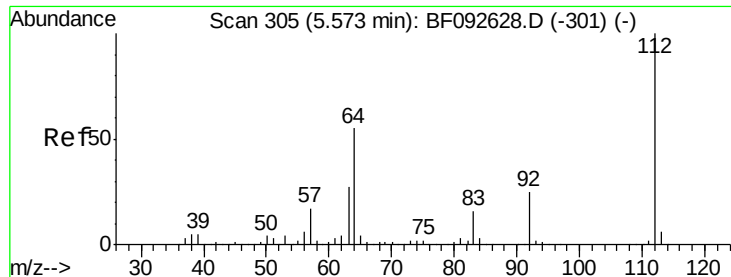
Ion Ratio Lower Upper

42 100

74 124.8 117.0 175.4

44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 125.29 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleID :

PB96992BS

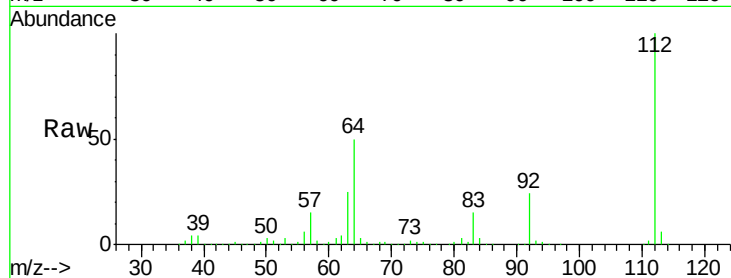
Tgt Ion: 112 Resp: 1077558

Ion Ratio Lower Upper

112 100

64 50.1 46.1 69.1

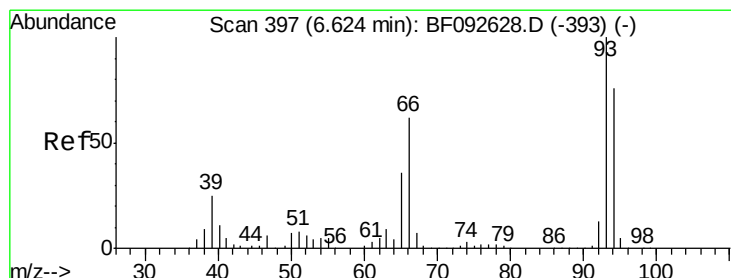
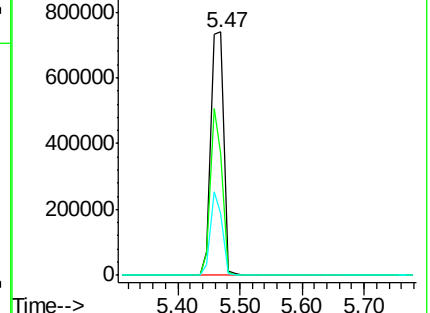
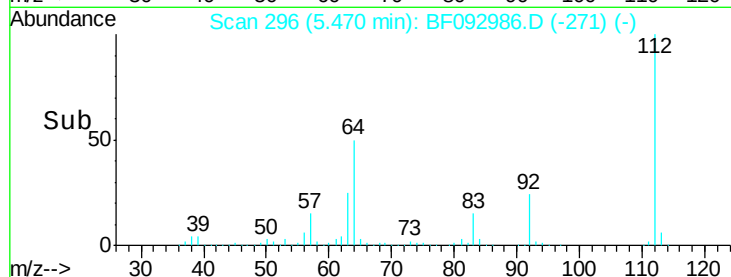
63 25.2 23.8 35.6



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: 21.97 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

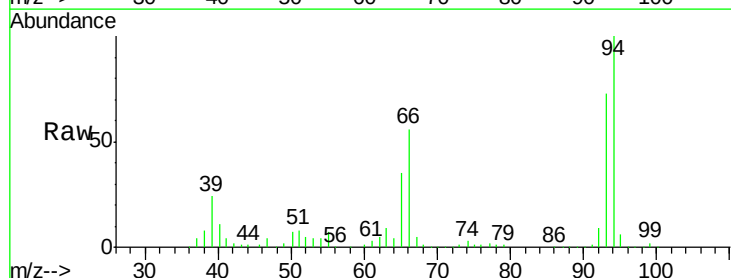
Tgt Ion: 93 Resp: 331692

Ion Ratio Lower Upper

93 100

66 77.1 76.2 114.2

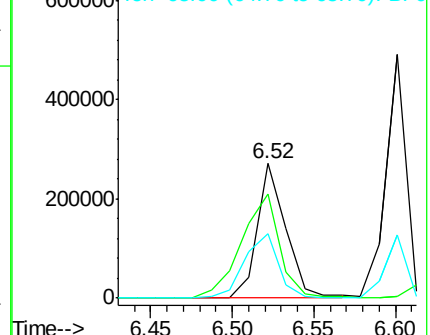
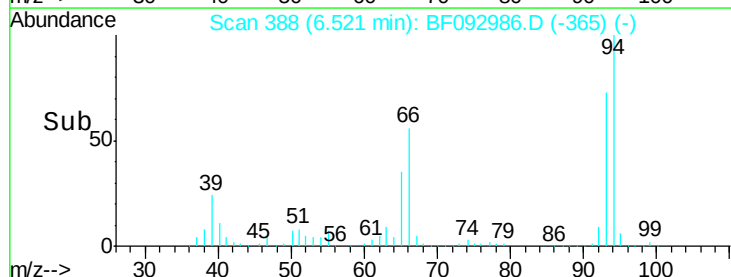
65 48.2 49.3 73.9#

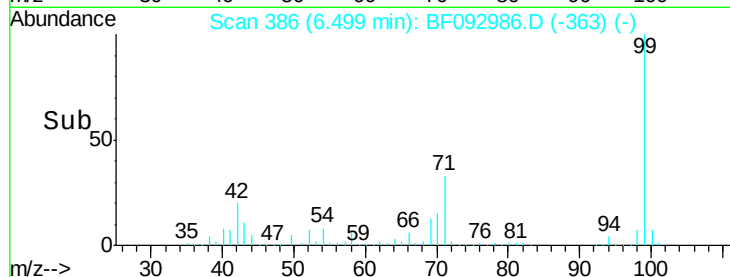
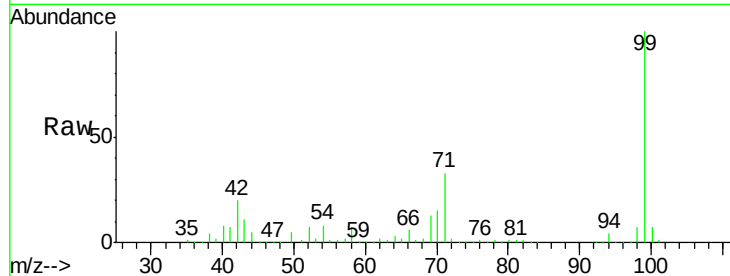
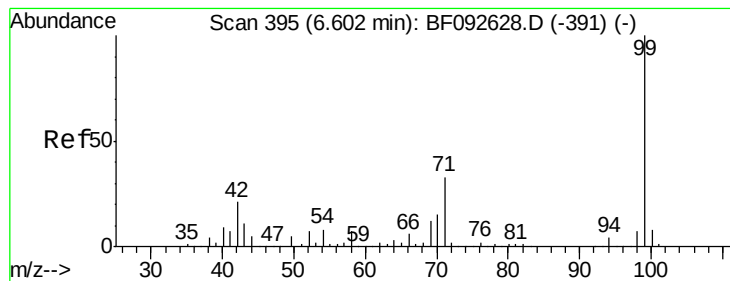


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.13 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

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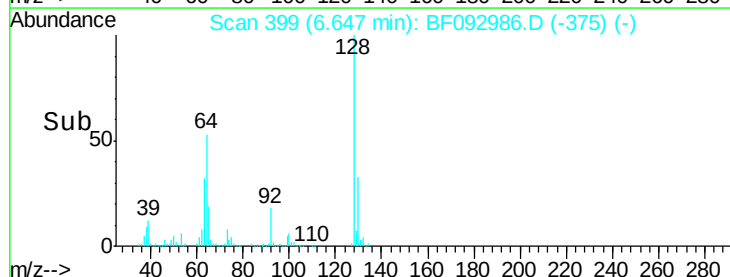
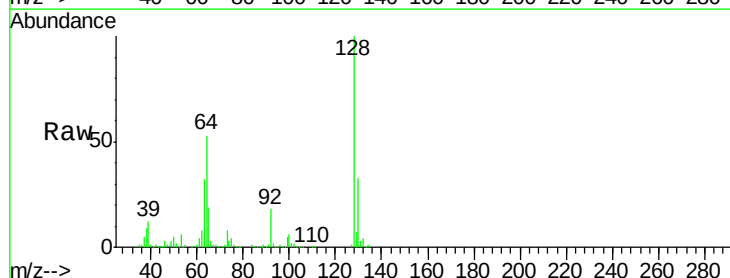
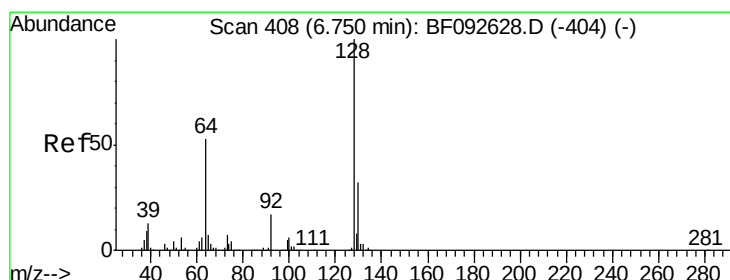
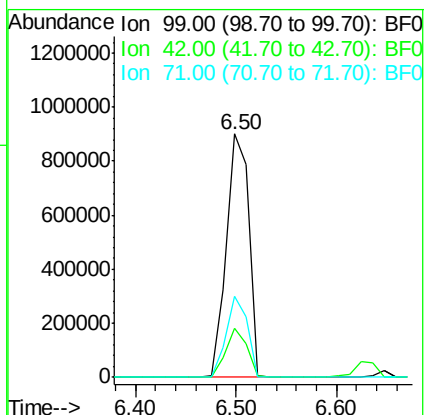
Tgt Ion: 99 Resp: 1395772

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

71 33.0 27.5 41.3



#8

2-Chlorophenol

Concen: 42.40 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

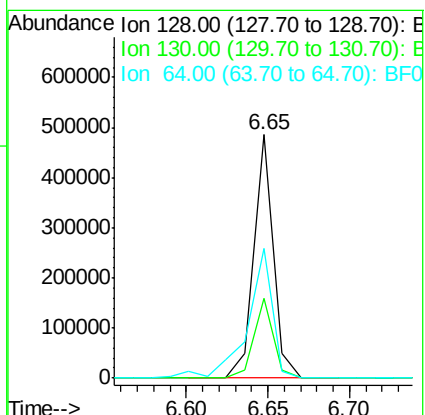
Tgt Ion: 128 Resp: 402338

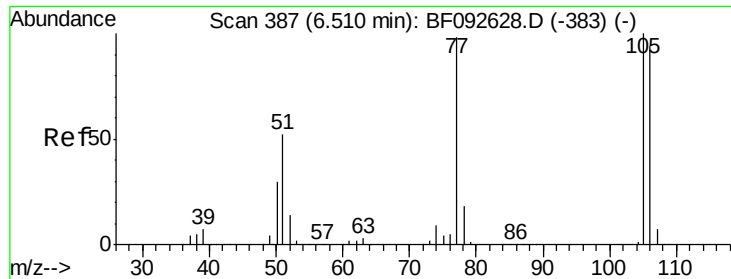
Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 53.1 32.2 72.2





#9

Benzaldehyde

Concen: 10.23 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF092986.D

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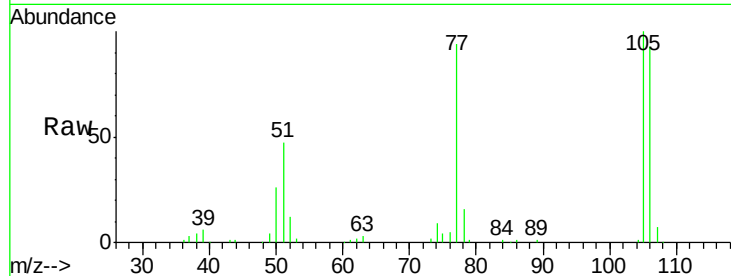
Tgt Ion: 77 Resp: 81070

Ion Ratio Lower Upper

77 100

105 105.8 83.9 123.9

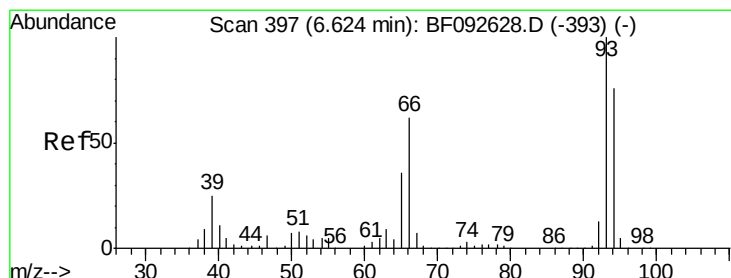
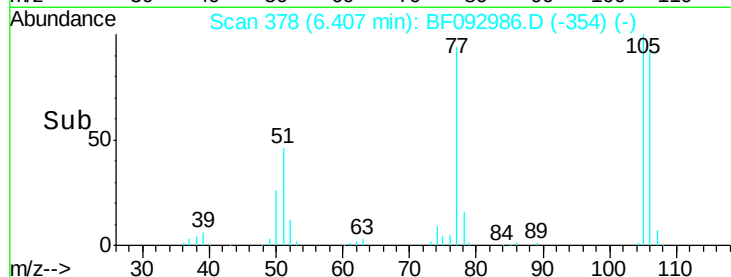
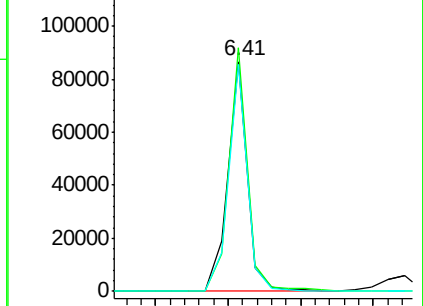
106 98.9 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.16 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

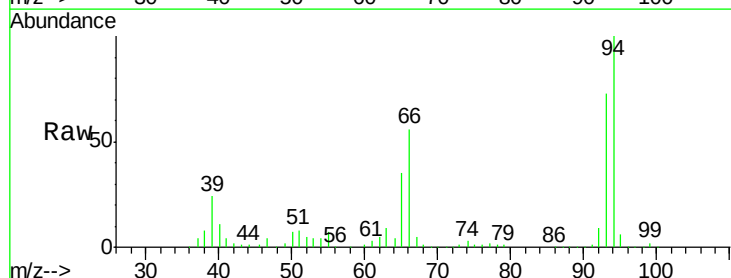
Tgt Ion: 94 Resp: 468135

Ion Ratio Lower Upper

94 100

65 35.3 21.4 61.4

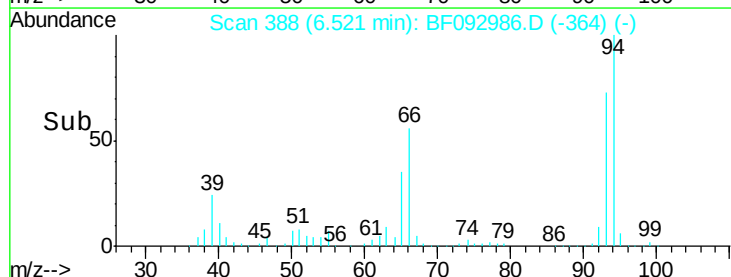
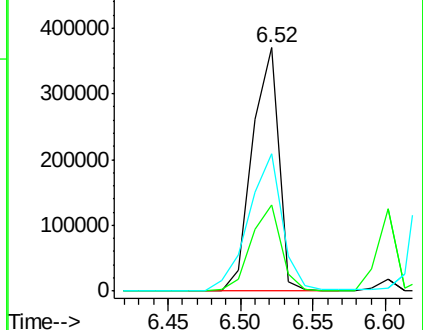
66 56.5 44.0 84.0

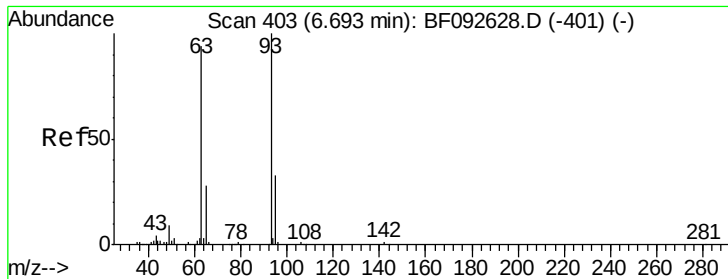


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

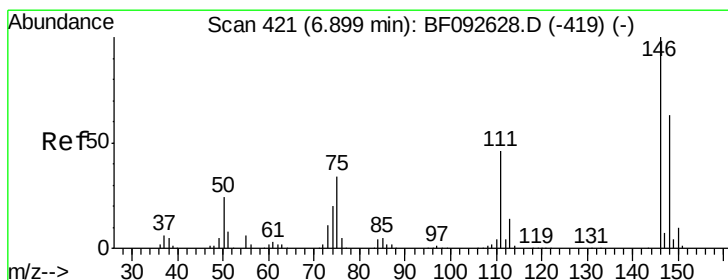
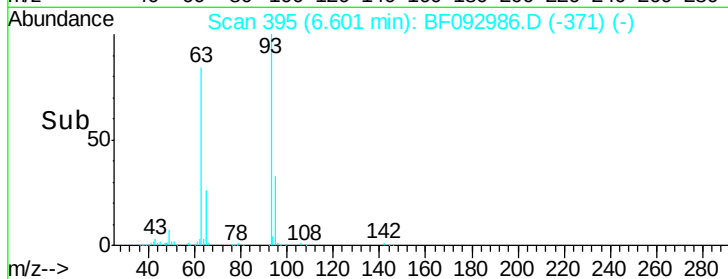
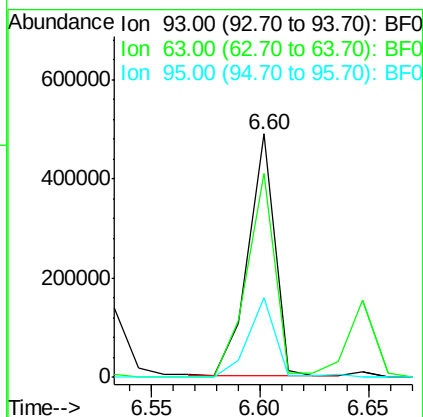
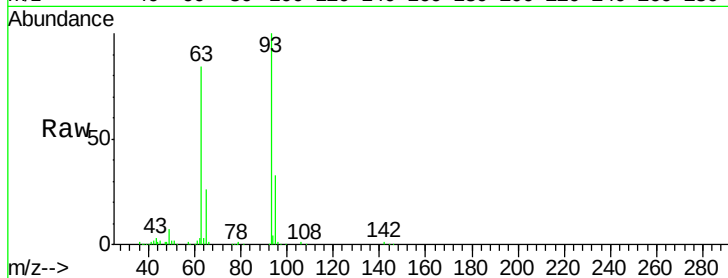




#11
bis(2-Chloroethyl)ether
Concen: 40.15 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

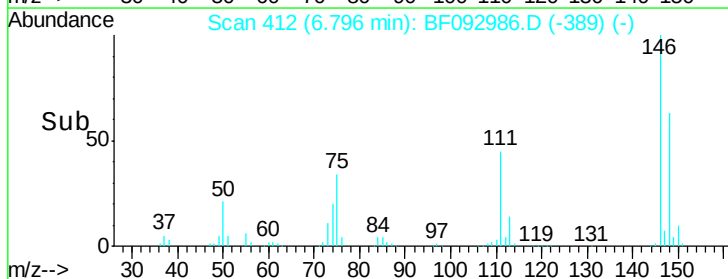
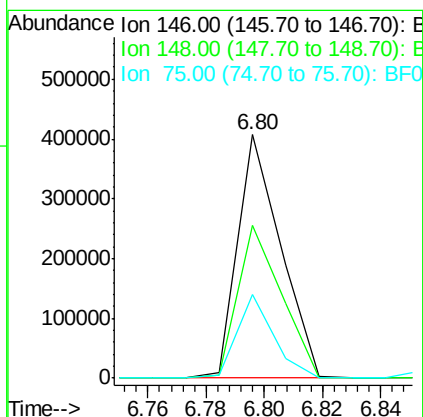
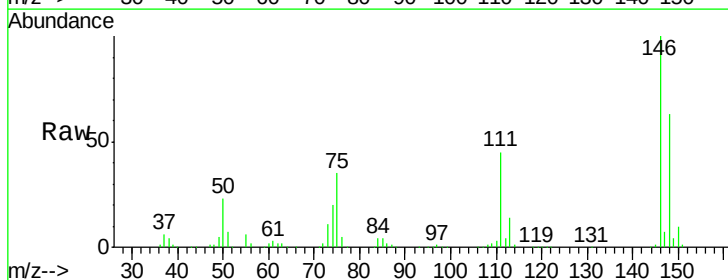
Instrument :
BNA_F
ClientSampleId :
PB96992BS

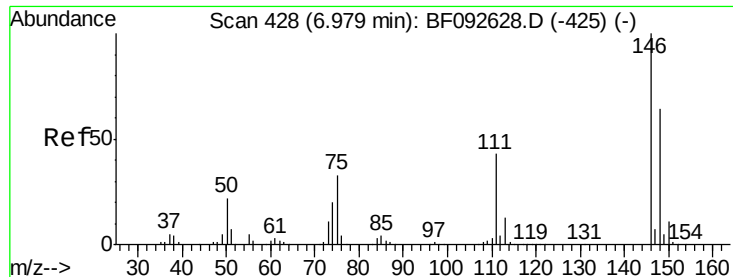
Tgt Ion: 93 Resp: 414963
Ion Ratio Lower Upper
93 100
63 83.5 60.4 100.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.47 ng m
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion: 146 Resp: 416371
Ion Ratio Lower Upper
146 100
148 62.7 53.4 80.0
75 34.5 18.5 27.7#

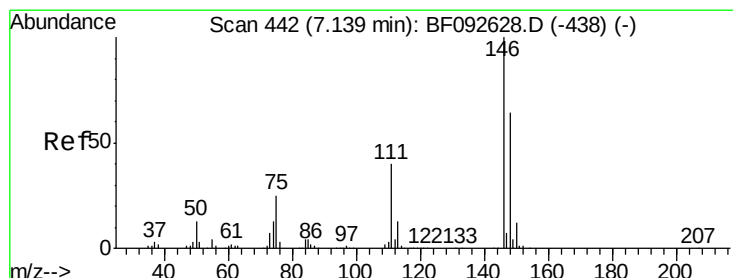
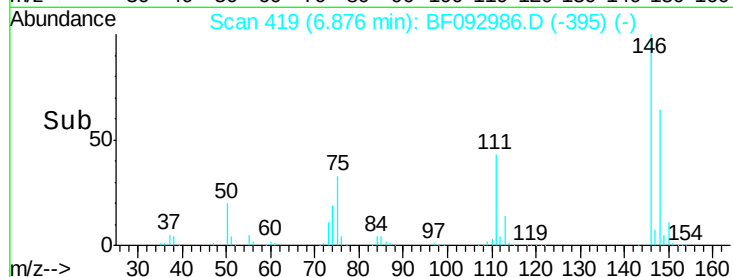
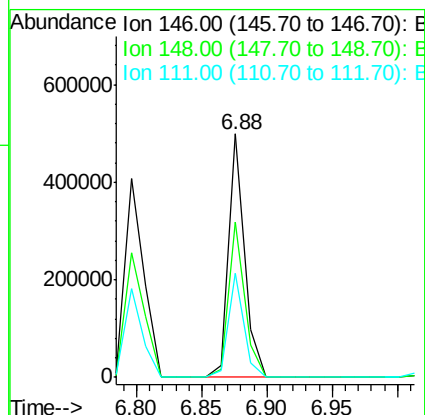
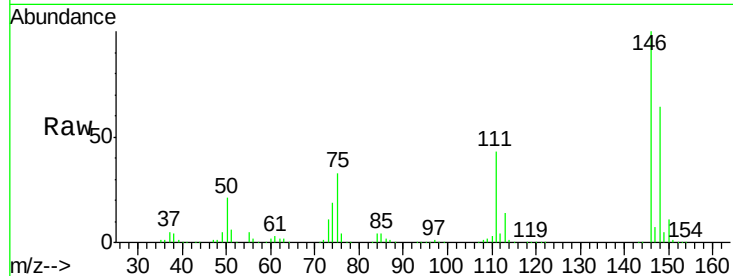




#13
1,4-Dichlorobenzene
Concen: 38.23 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

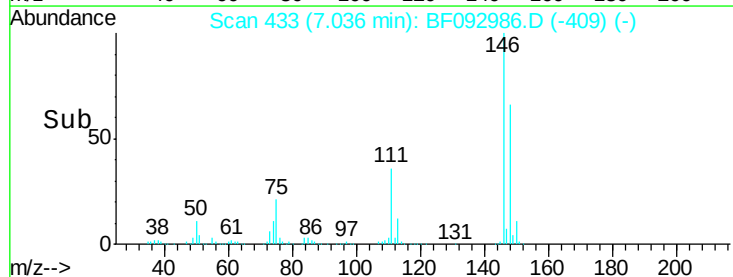
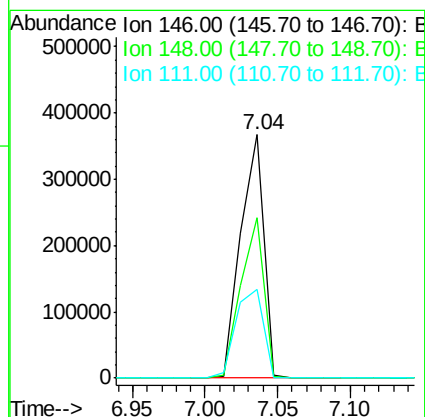
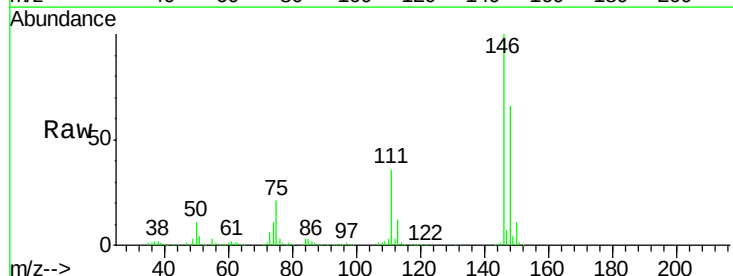
Instrument :
BNA_F
ClientSampleId :
PB96992BS

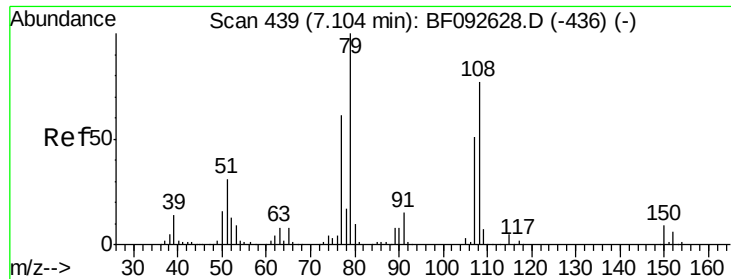
Tgt Ion:146 Resp: 430017
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
111 42.7 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 37.87 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:146 Resp: 407288
Ion Ratio Lower Upper
146 100
148 66.0 52.2 78.2
111 36.4 36.2 54.2

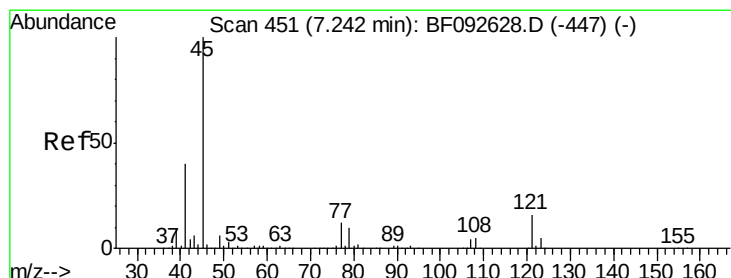
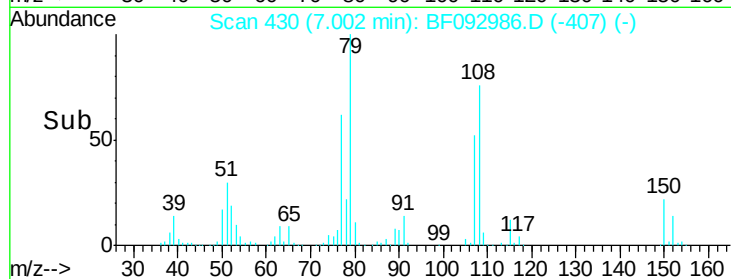
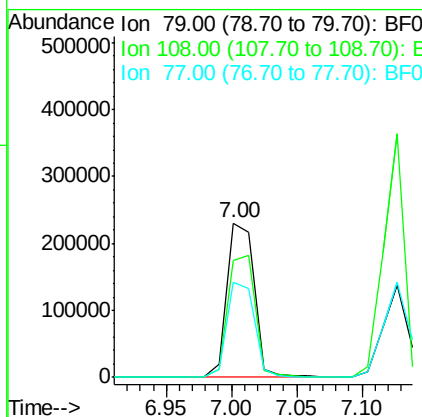
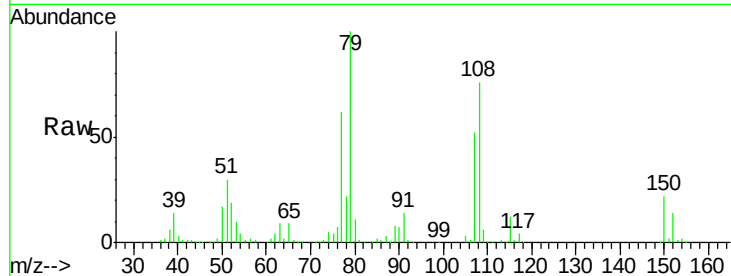




#15
Benzyl Alcohol
Concen: 40.96 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

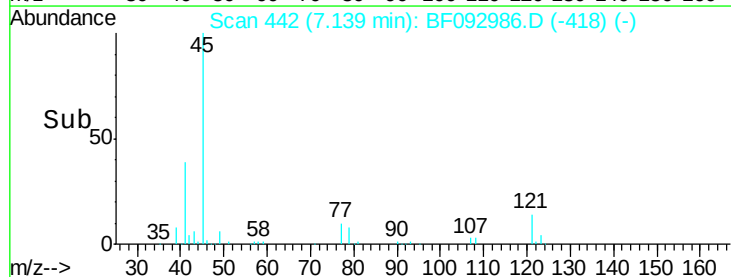
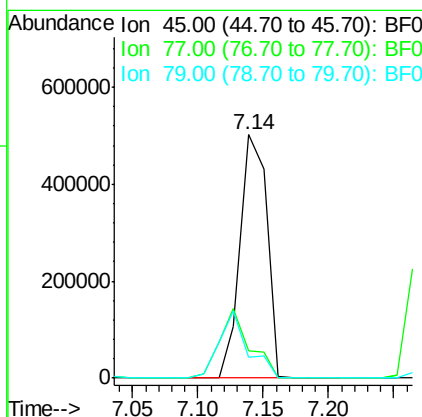
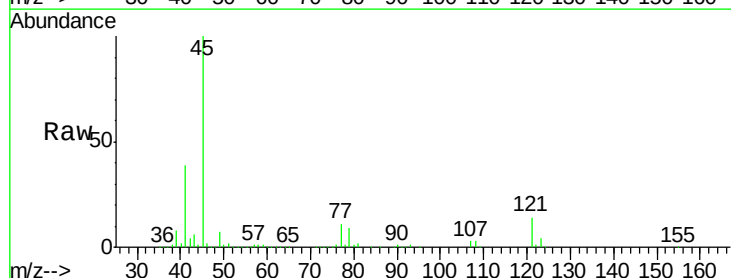
Instrument :
BNA_F
ClientSampleId :
PB96992BS

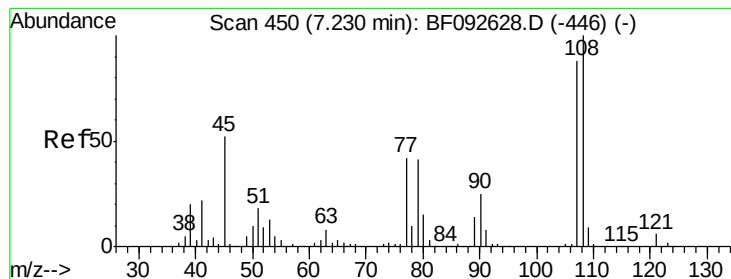
Tgt Ion: 79 Resp: 335581
Ion Ratio Lower Upper
79 100
108 75.5 61.4 92.0
77 61.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.96 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion: 45 Resp: 717392
Ion Ratio Lower Upper
45 100
77 11.3 0.0 34.6
79 8.7 0.0 31.2





#17

2-Methylphenol

Concen: 43.76 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

Tgt Ion:107 Resp: 356234

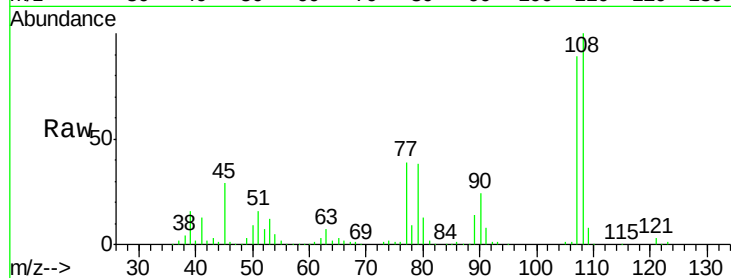
Ion Ratio Lower Upper

107 100

108 112.3 93.0 139.6

77 44.0 39.8 59.8

79 42.7 38.0 57.0

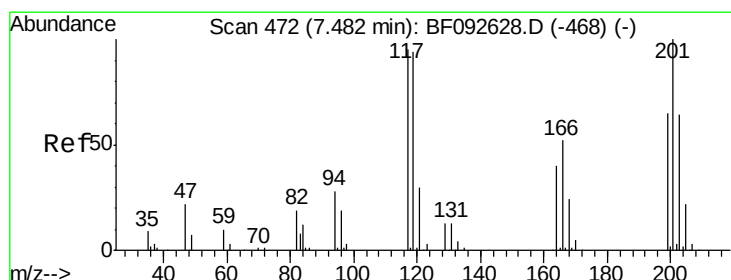
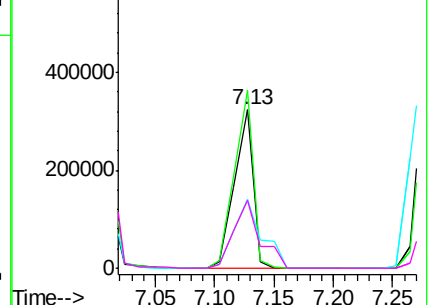
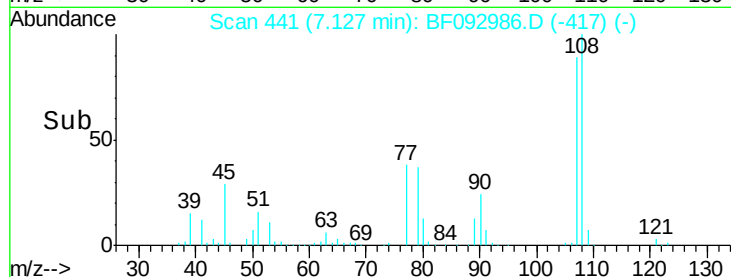


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.10 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

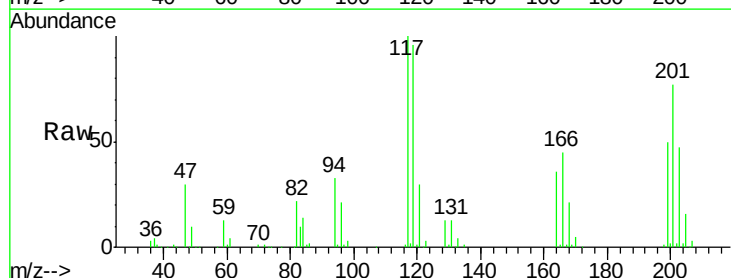
Tgt Ion:117 Resp: 146303

Ion Ratio Lower Upper

117 100

119 96.4 78.1 117.1

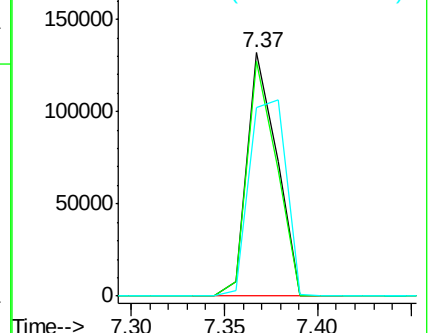
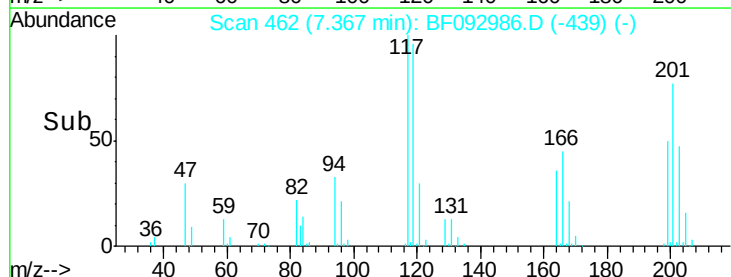
201 77.5 78.6 117.8#

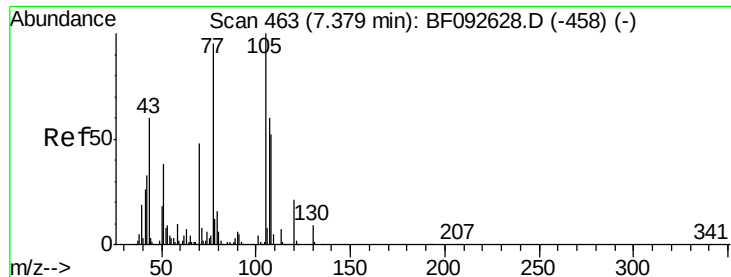


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

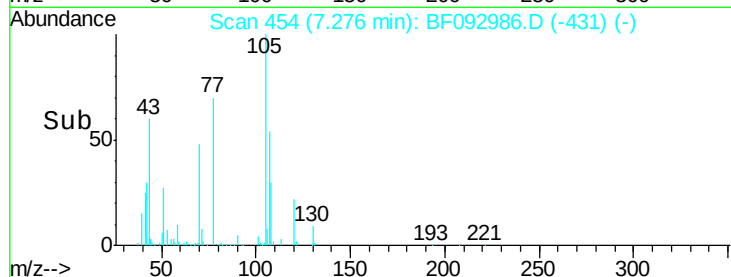
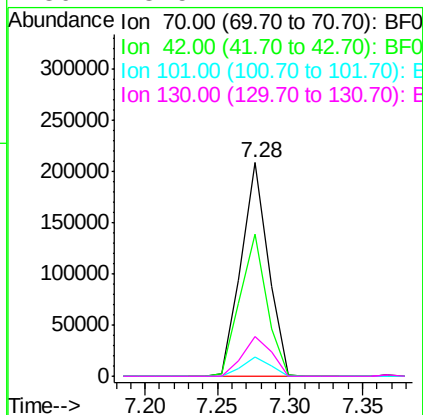
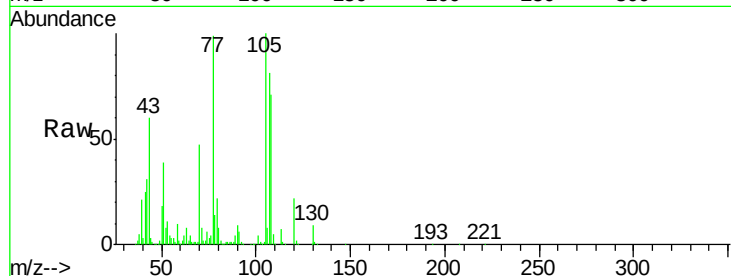




#19
n-Nitroso-di-n-propylamine
Concen: 38.36 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

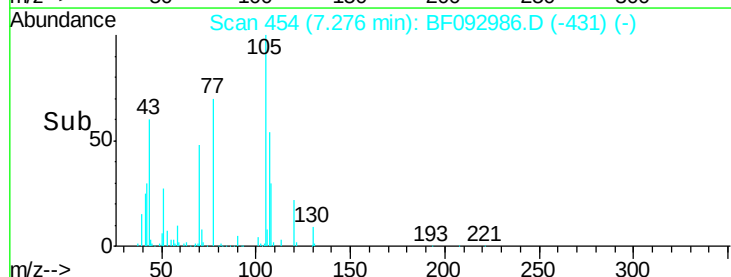
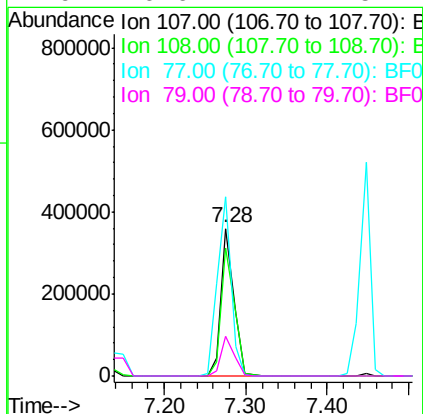
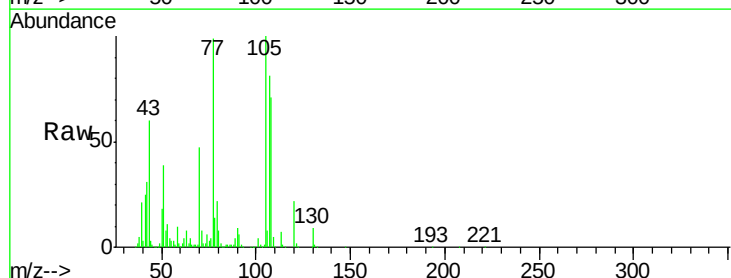
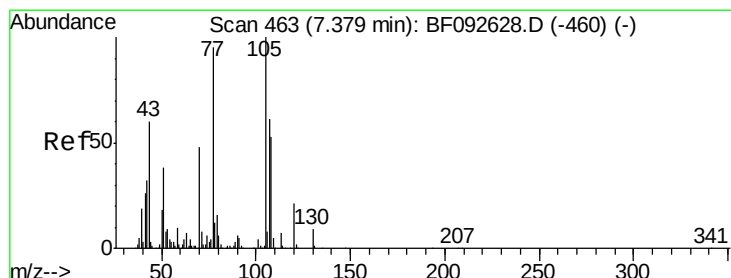
Instrument :
BNA_F
ClientSampleId :
PB96992BS

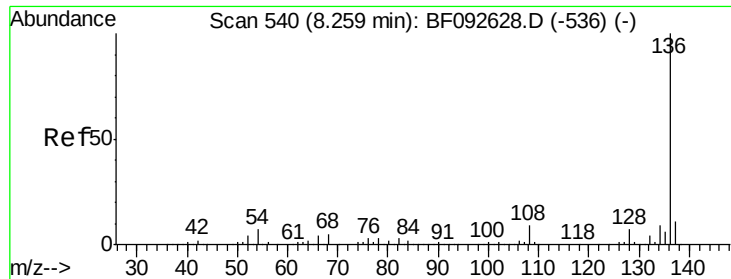
Tgt Ion:	70	Resp:	270223
Ion	Ratio	Lower	Upper
70	100		
42	66.7	49.4	74.0
101	8.7	7.4	11.2
130	18.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 40.31 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:	107	Resp:	392298
Ion	Ratio	Lower	Upper
107	100		
108	87.2	73.0	113.0
77	121.3	71.3	111.3#
79	26.6	11.1	51.1

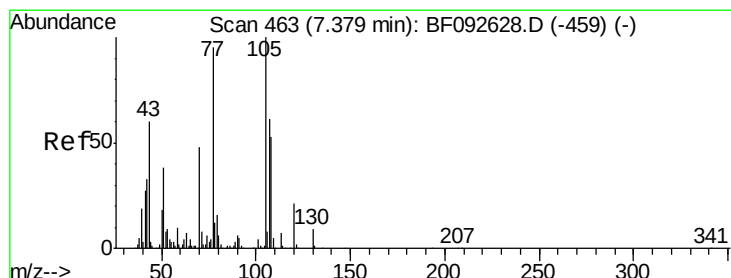
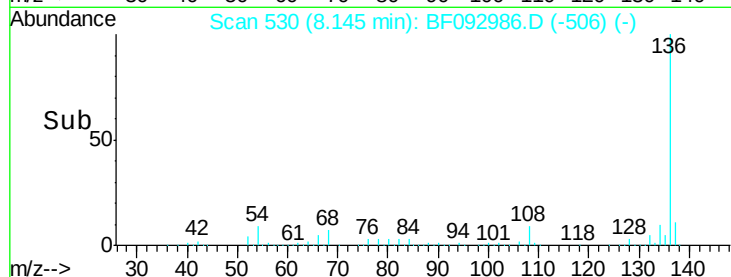
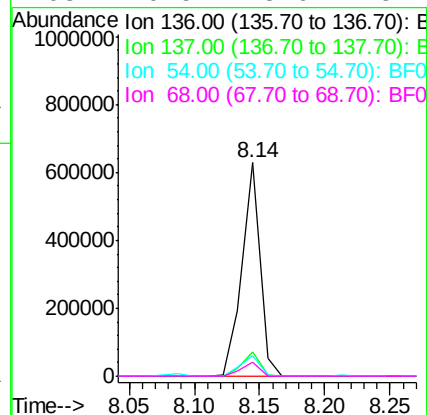
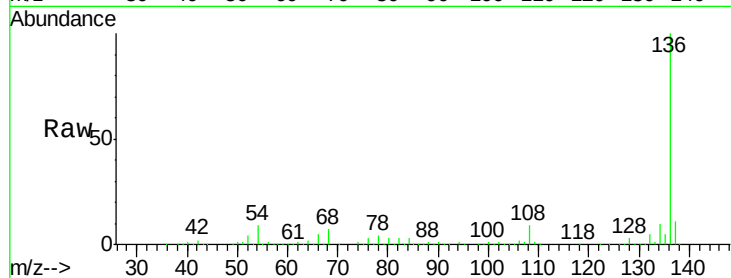




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

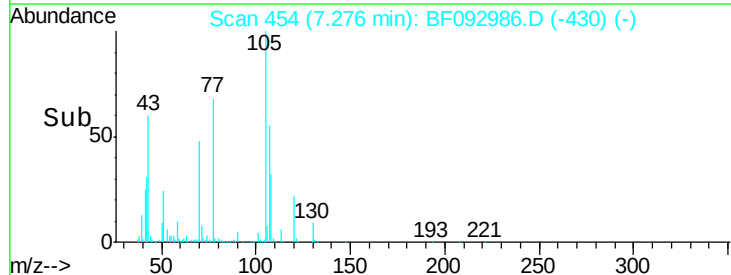
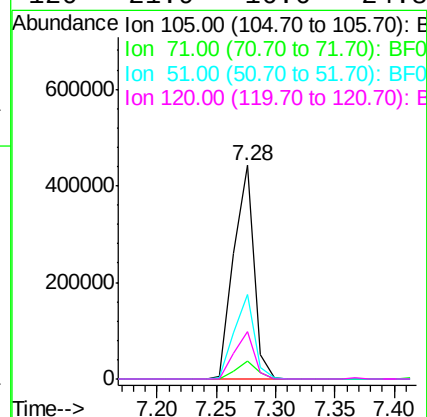
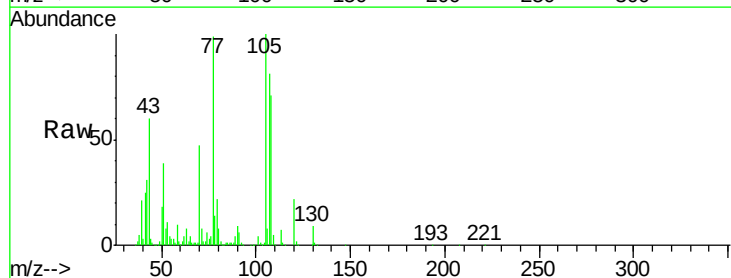
Instrument :
BNA_F
ClientSampleId :
PB96992BS

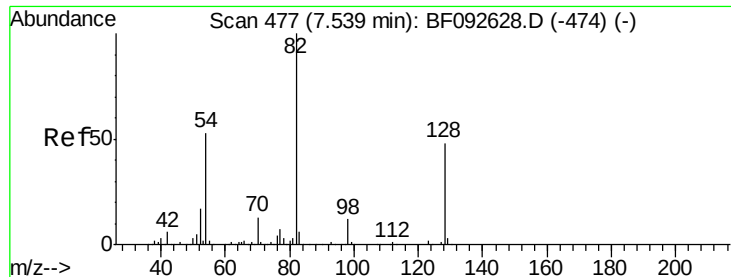
Tgt Ion:	136	Resp:	604124
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	9.4	4.5	6.7#
68	6.5	3.6	5.4#



#22
Acetophenone
Concen: 37.91 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:	105	Resp:	522879
Ion Ratio	Lower	Upper	
105	100		
71	8.1	3.2	4.8#
51	39.3	26.2	39.4
120	21.9	16.6	24.8

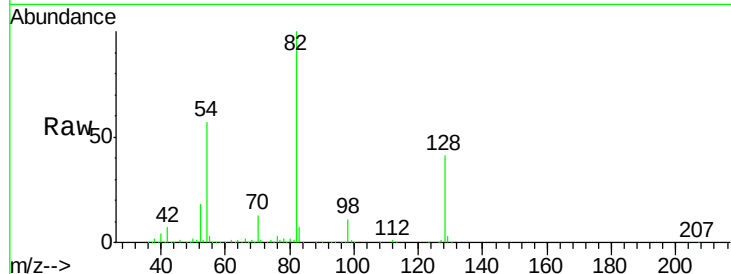




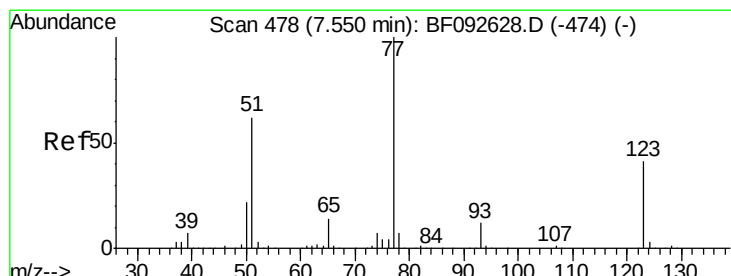
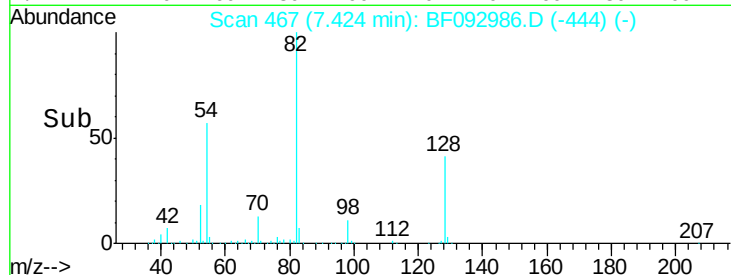
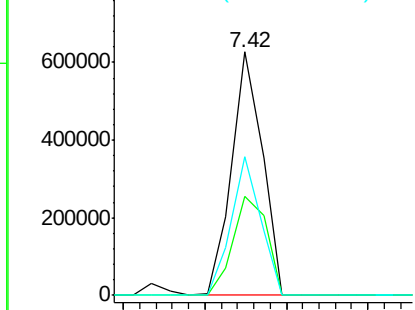
#23
 Nitrobenzene-d5
 Concen: 75.05 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	57.1	39.5	59.3

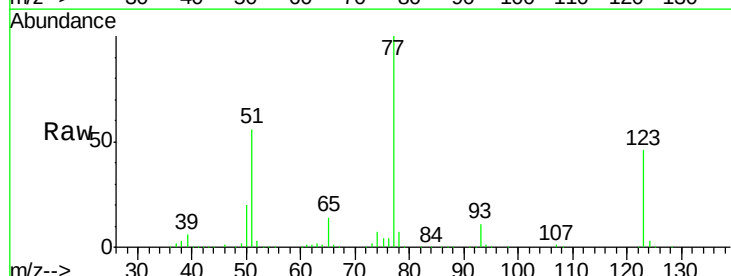


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

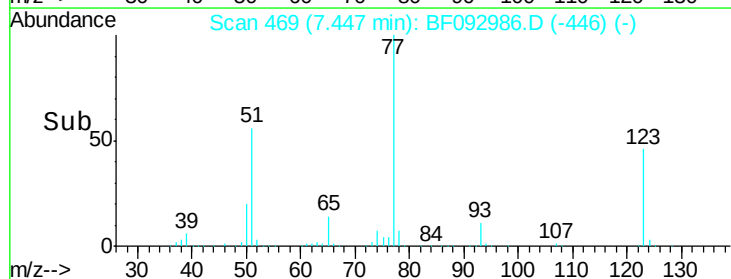
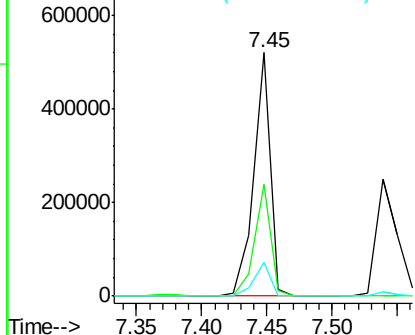


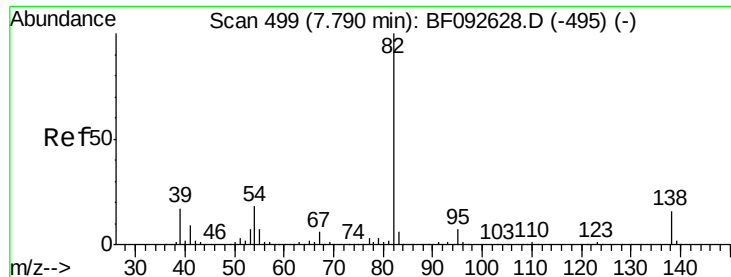
#24
 Nitrobenzene
 Concen: 41.51 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	33.0	49.4
65	13.8	11.2	16.8



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





#25

Isophorone

Concen: 40.67 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

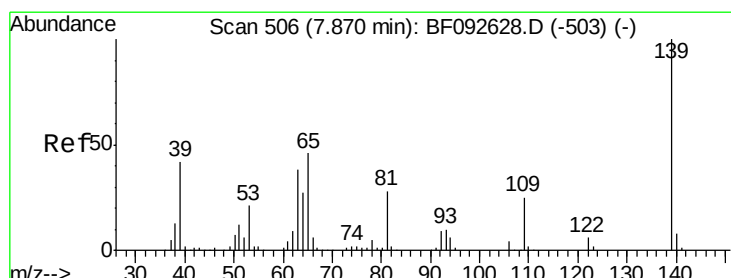
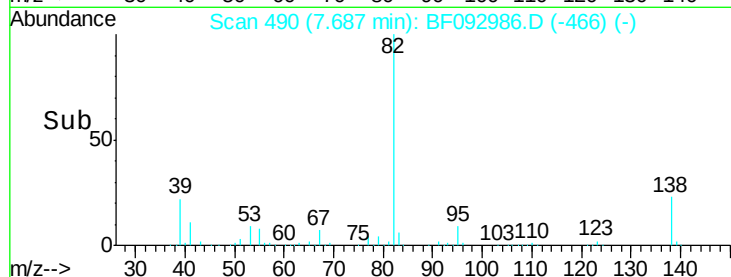
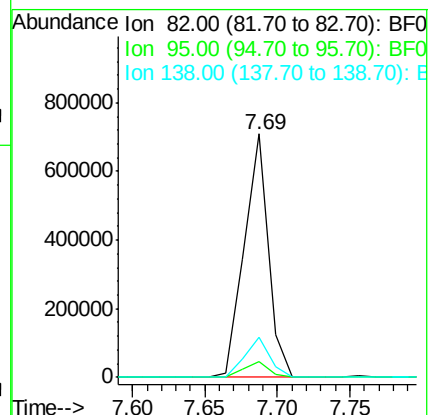
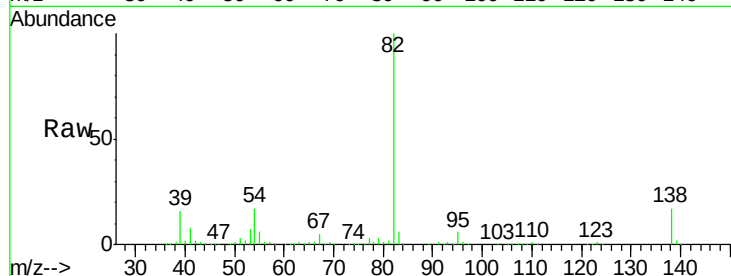
Tgt Ion: 82 Resp: 822158

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 16.6 14.6 22.0



#26

2-Nitrophenol

Concen: 42.33 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

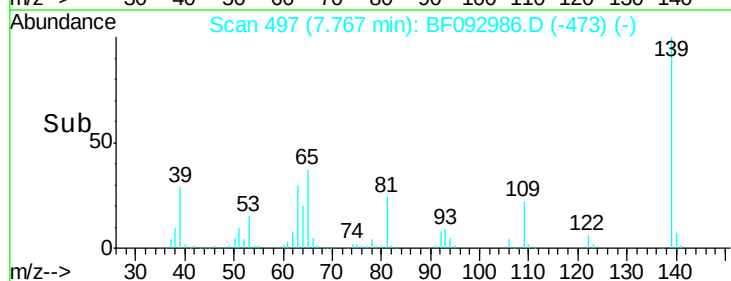
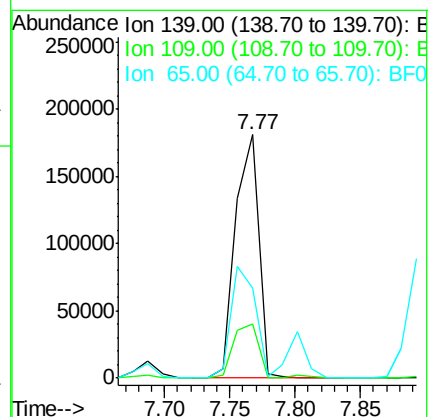
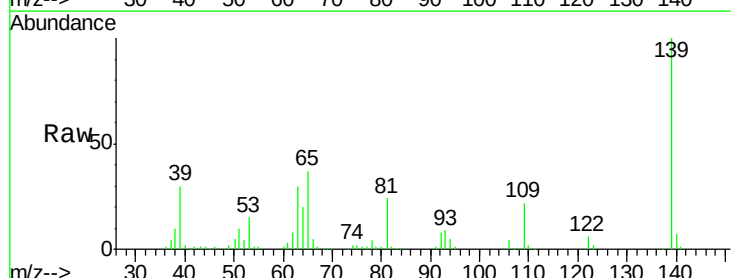
Tgt Ion: 139 Resp: 224152

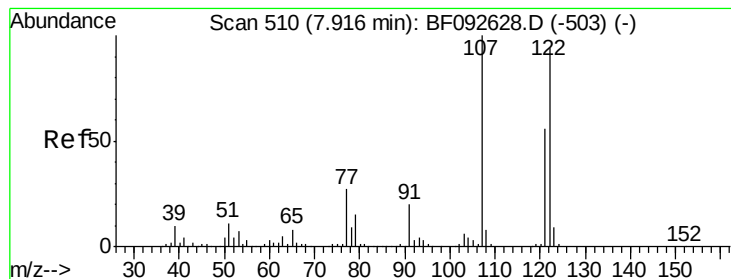
Ion Ratio Lower Upper

139 100

109 22.5 23.3 34.9#

65 37.1 42.7 64.1#

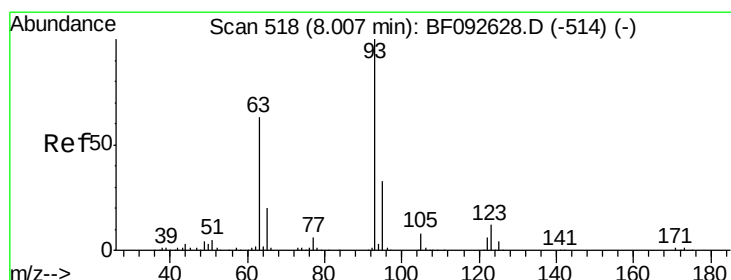
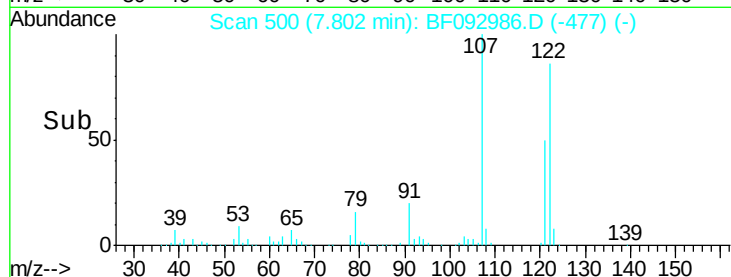
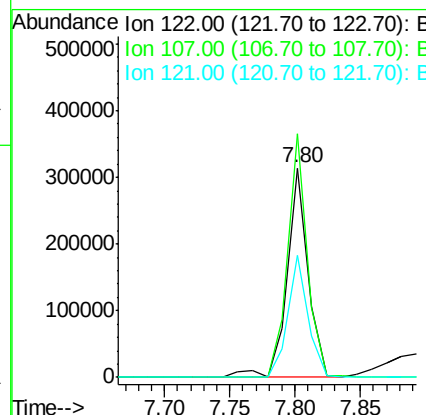
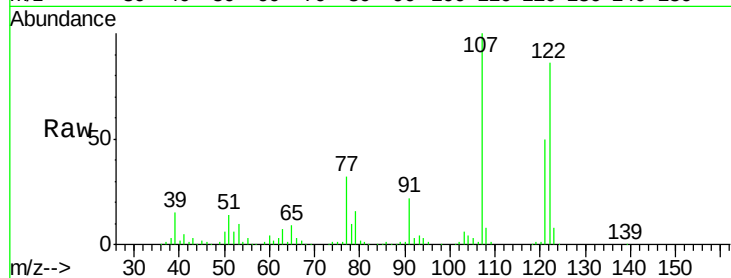




#27
 2,4-Dimethylphenol
 Concen: 38.21 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

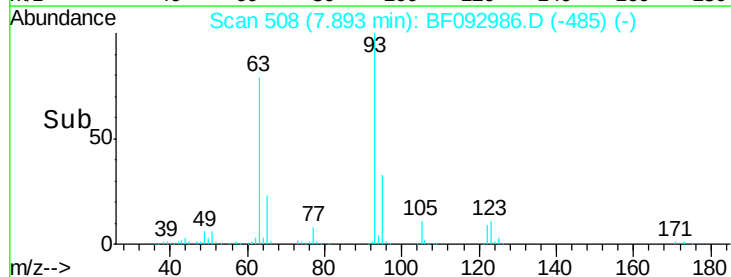
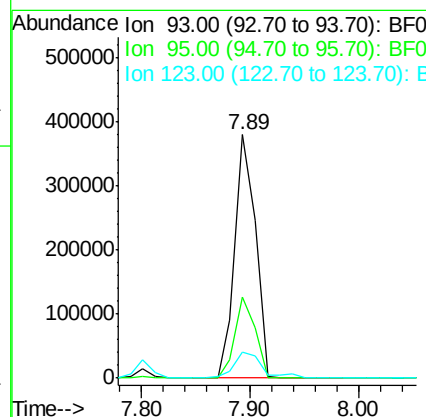
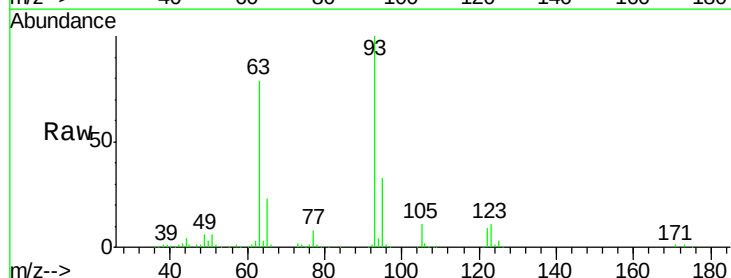
Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

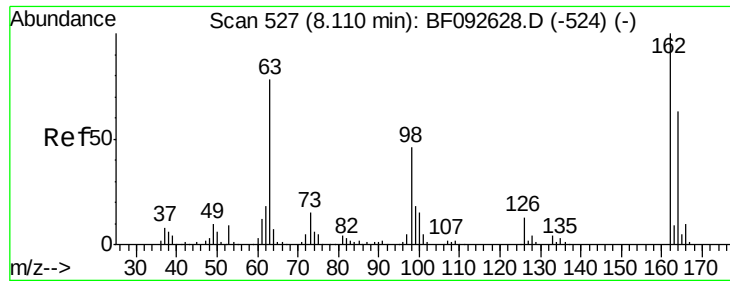
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.1	94.1	141.1
121	58.3	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.98 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	10.9	8.6	13.0

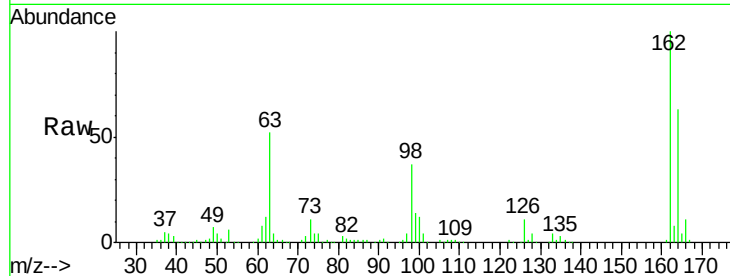




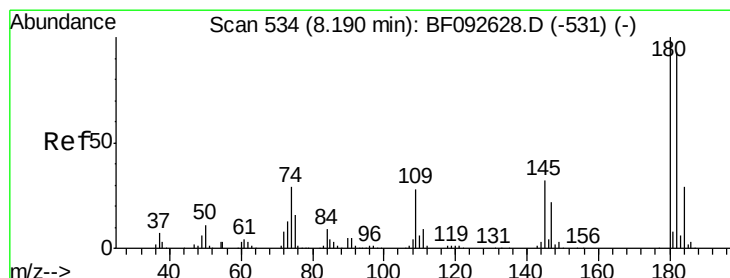
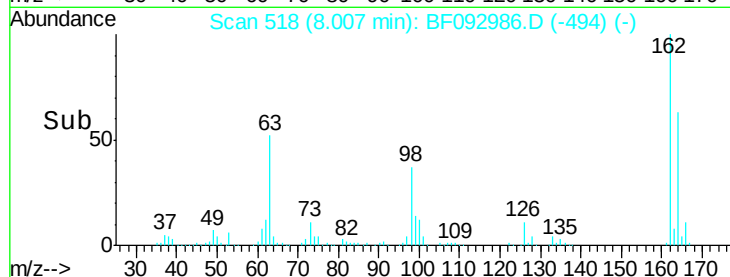
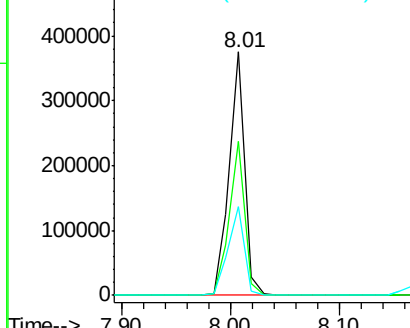
#29
 2,4-Dichlorophenol
 Concen: 42.35 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	367285		
164	63.1	46.8	86.8	
98	36.7	9.1	49.1	

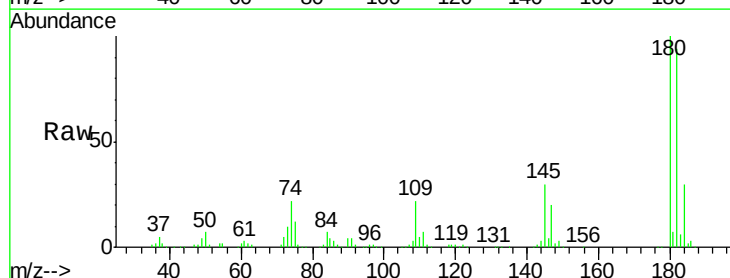


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

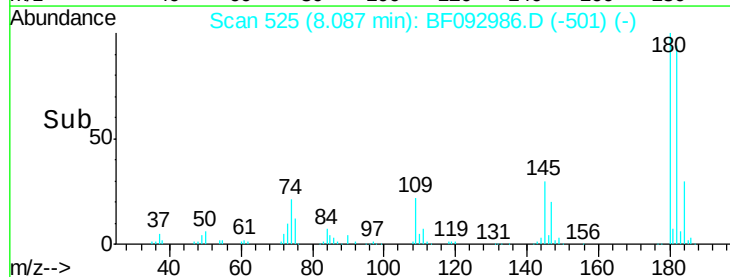
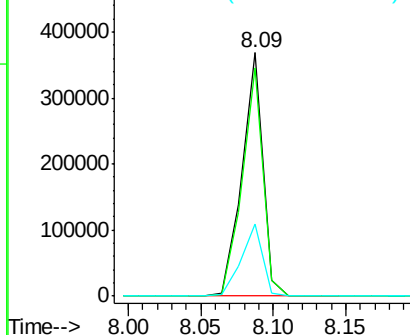


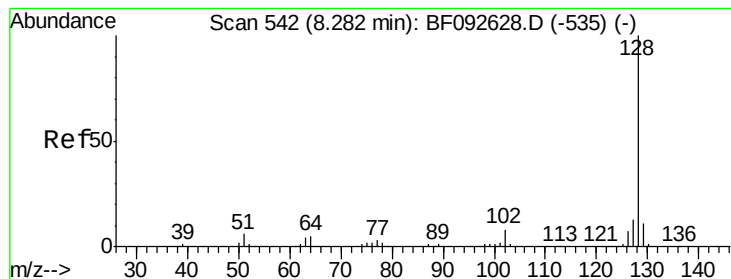
#30
 1,2,4-Trichlorobenzene
 Concen: 39.38 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	368106		
182	93.6	78.2	117.4	
145	29.6	21.6	32.4	



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: 37.80 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

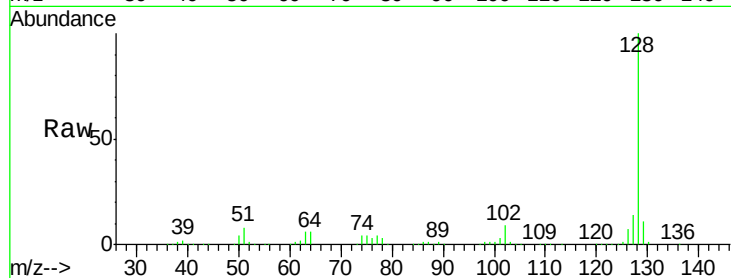
Tgt Ion:128 Resp: 1157762

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

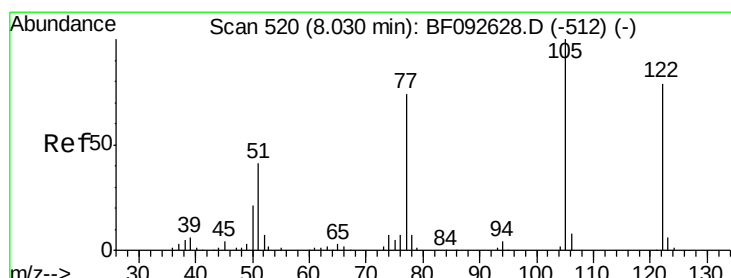
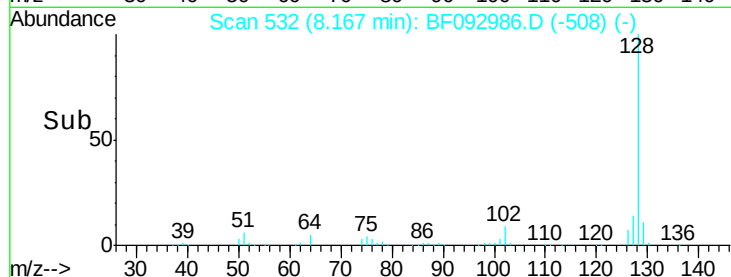
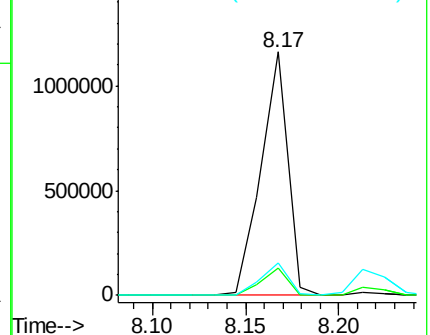
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.55 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

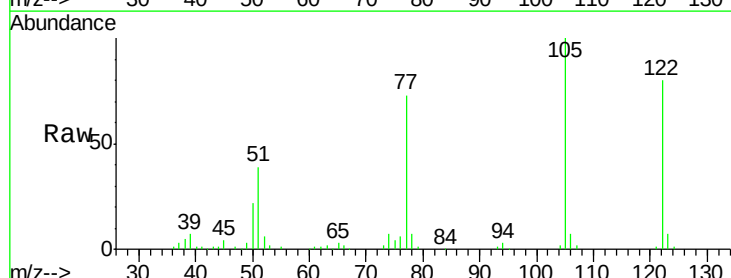
Tgt Ion:122 Resp: 250146

Ion Ratio Lower Upper

122 100

105 125.5 107.2 147.2

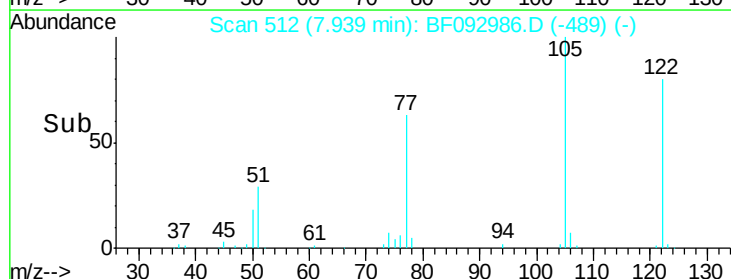
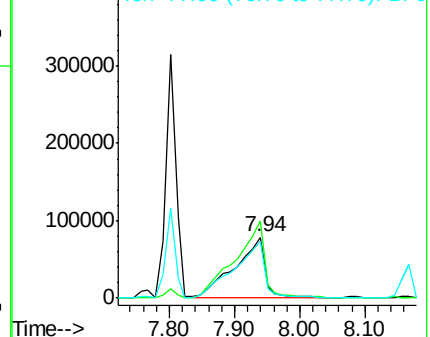
77 92.2 74.5 114.5

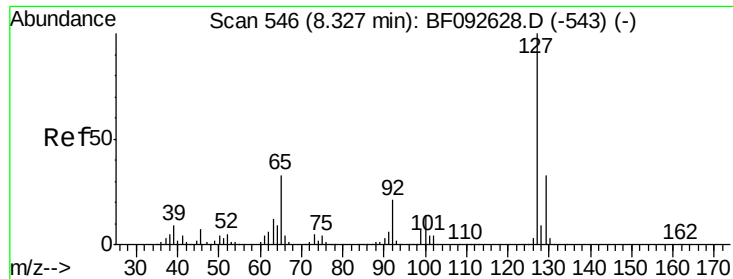


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

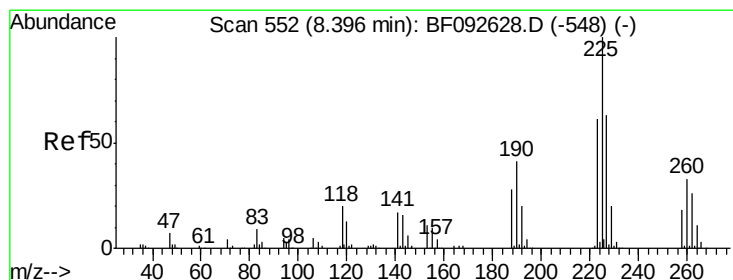
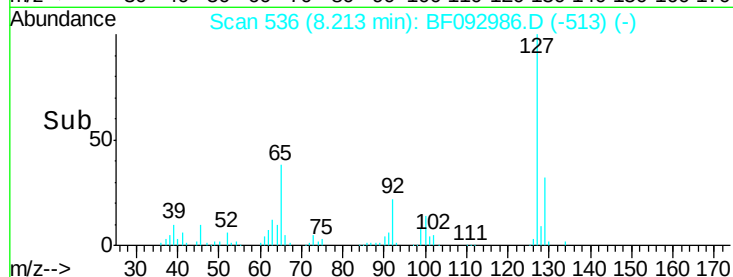
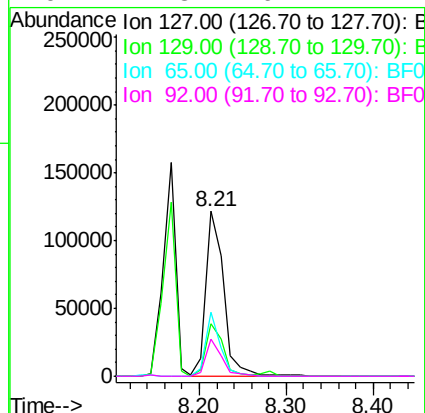
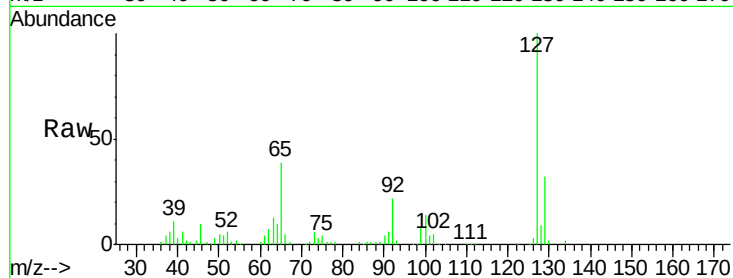




#33
4-Chloroaniline
Concen: 14.46 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

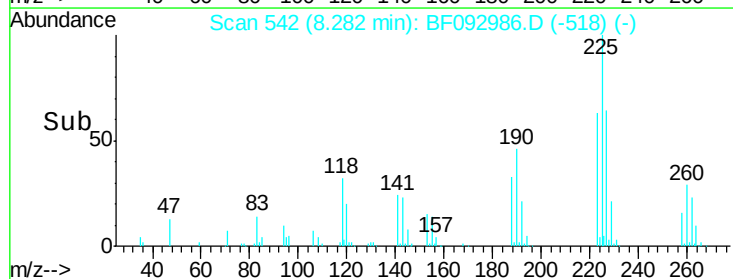
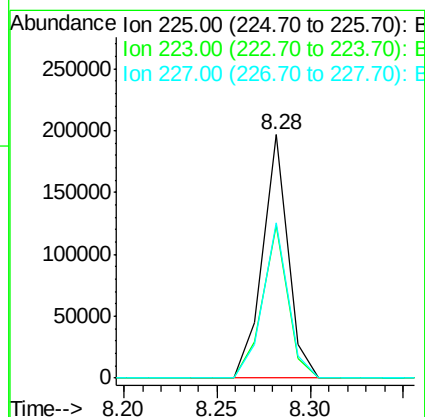
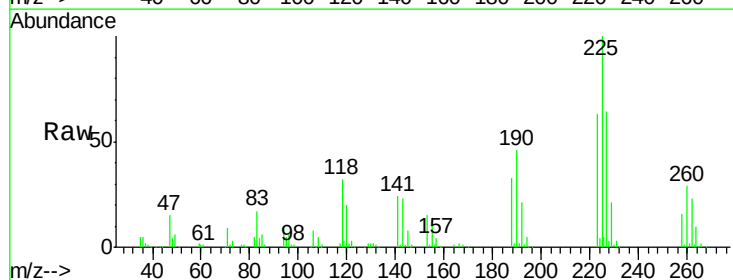
Instrument :
BNA_F
ClientSampleId :
PB96992BS

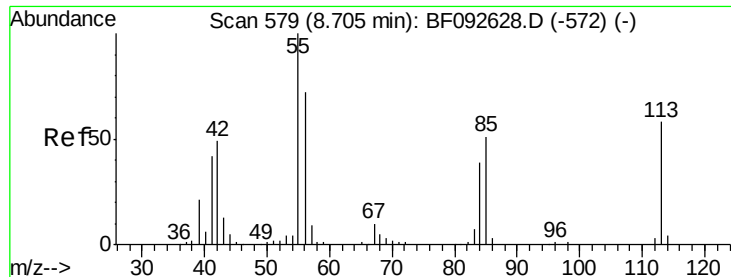
Tgt Ion:	127	Resp:	173670
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	38.7	25.8	38.8
92	22.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 35.94 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:	225	Resp:	184832
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	63.5	50.6	76.0

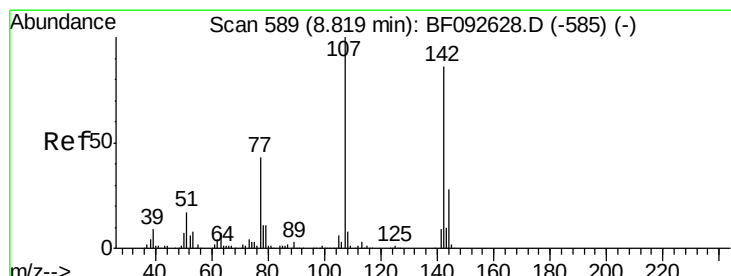
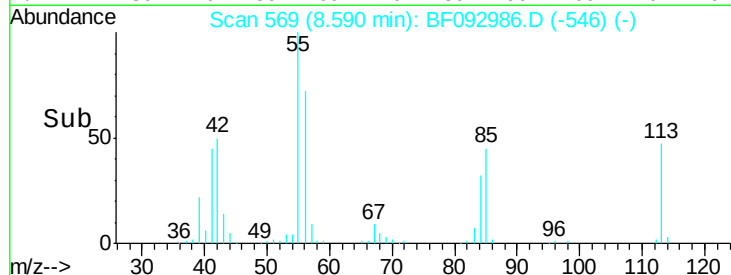
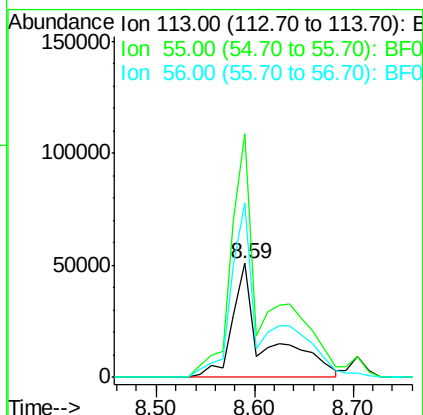
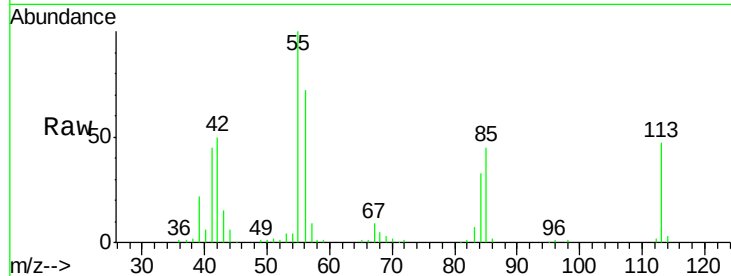




#35
 Caprolactam
 Concen: 44.00 ng m
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

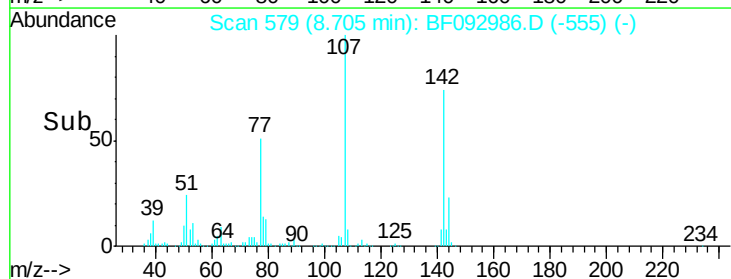
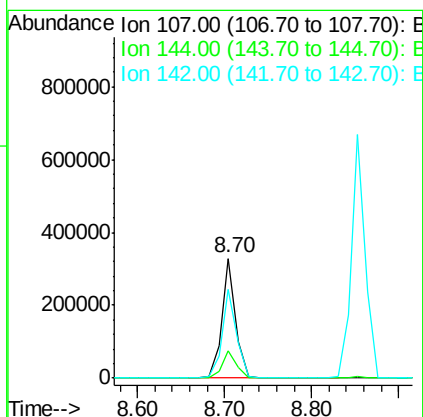
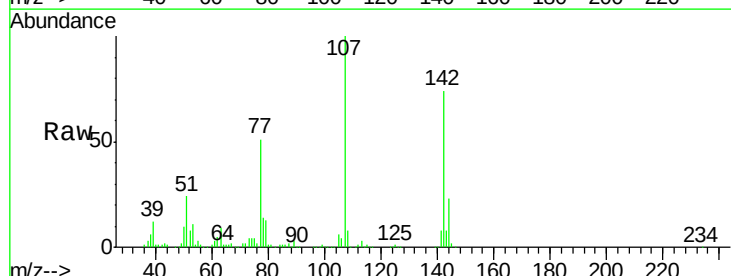
Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

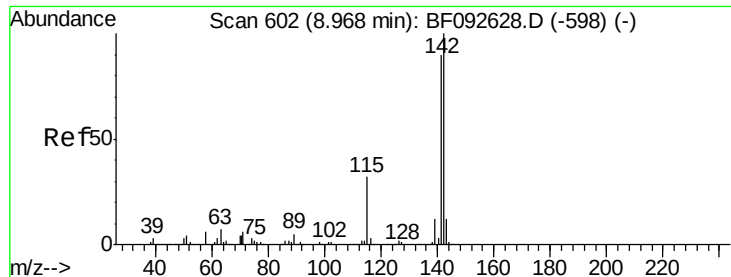
Tgt Ion:113 Resp: 120035
 Ion Ratio Lower Upper
 113 100
 55 213.6 119.2 159.2#
 56 153.1 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.28 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion:107 Resp: 364252
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.3 28.9
 142 73.9 59.0 88.6

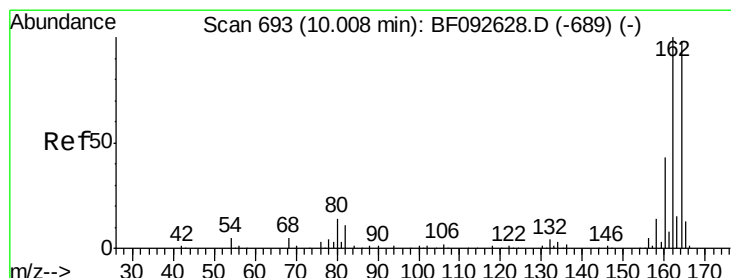
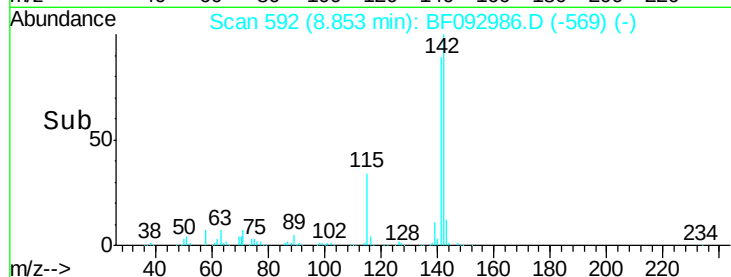
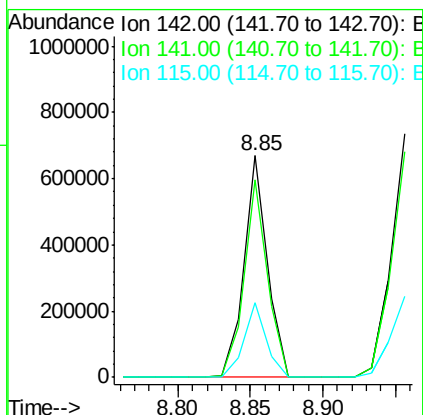
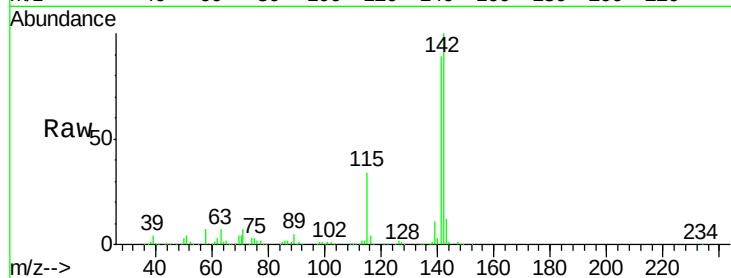




#37
 2-Methylnaphthalene
 Concen: 37.90 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

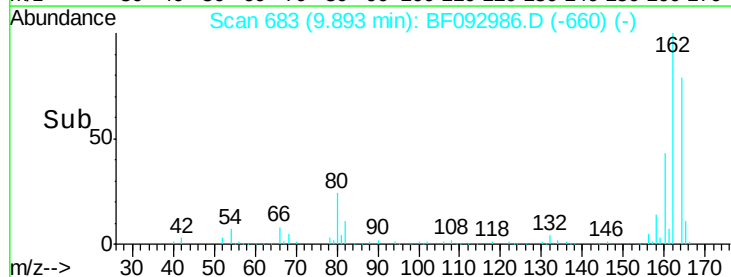
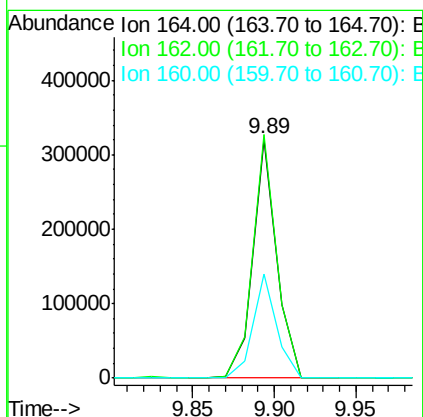
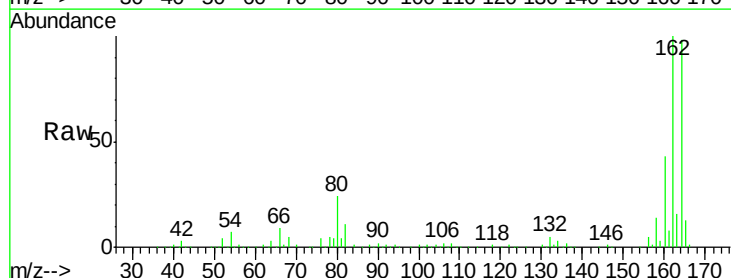
Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

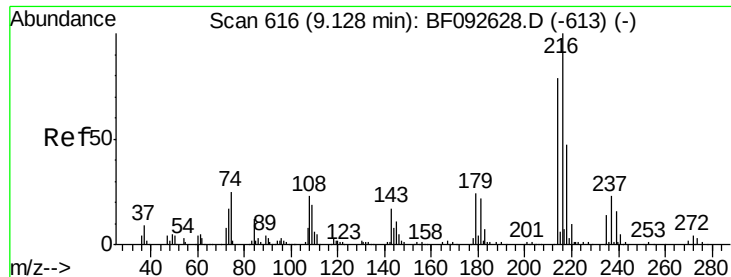
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	34.0	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	43.6	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.09 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

Tgt Ion:216 Resp: 350022

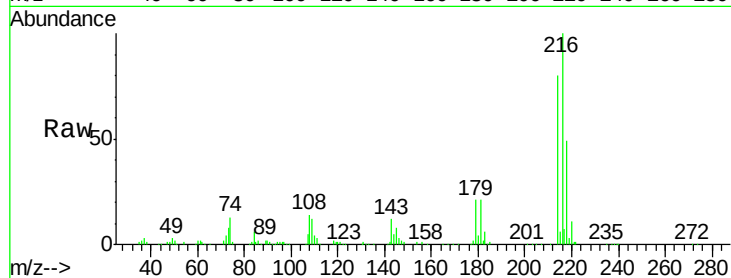
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 22.0 17.4 26.2

108 19.8 15.6 23.4

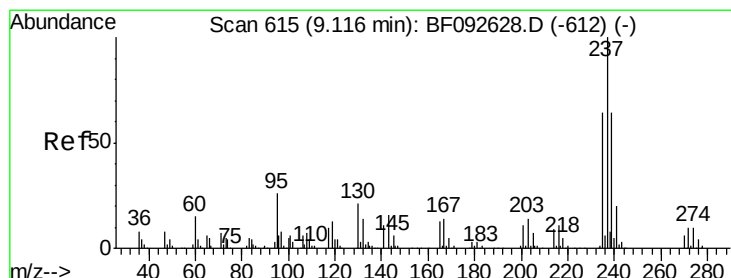
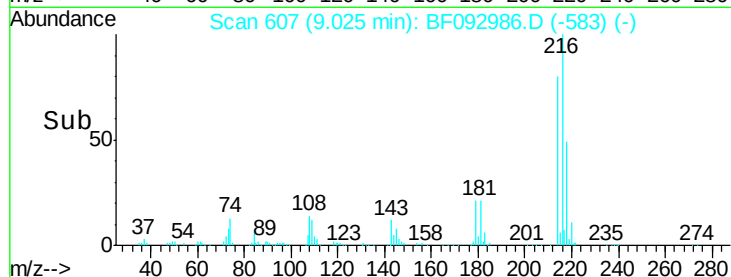
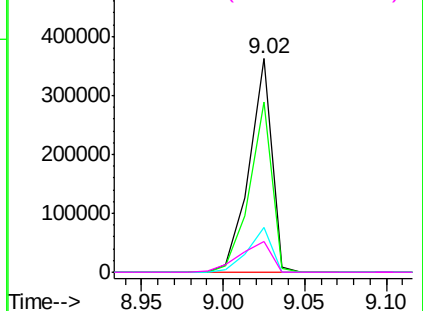


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.91 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

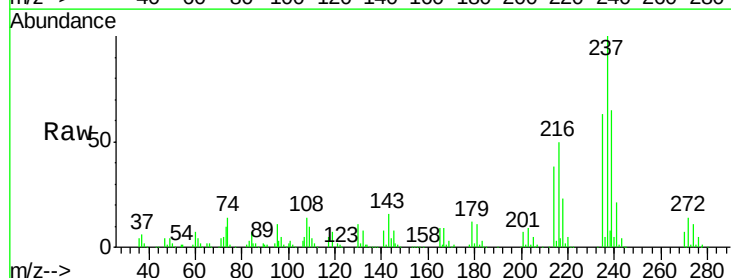
Tgt Ion:237 Resp: 310549

Ion Ratio Lower Upper

237 100

235 63.0 41.2 81.2

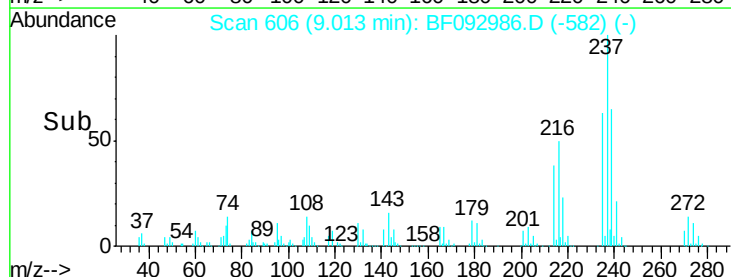
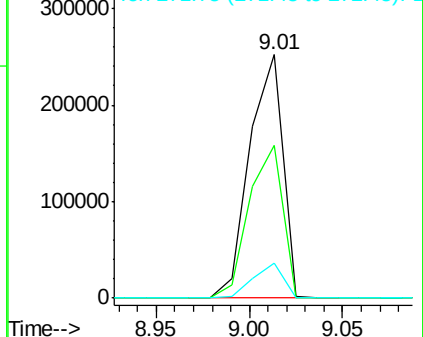
272 14.3 0.0 35.4

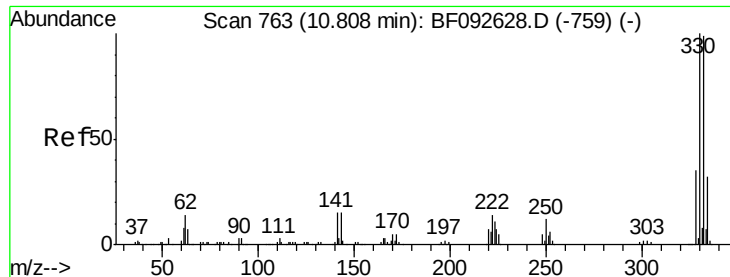


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

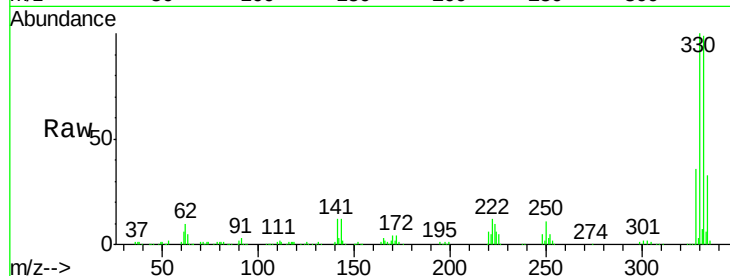




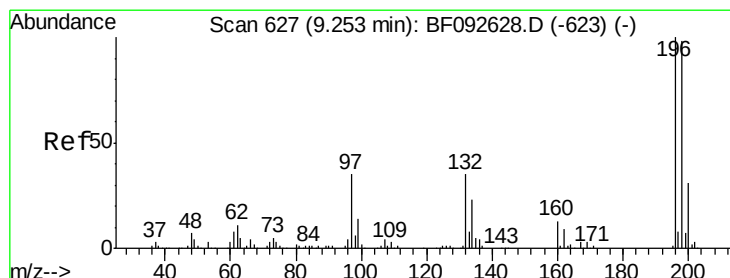
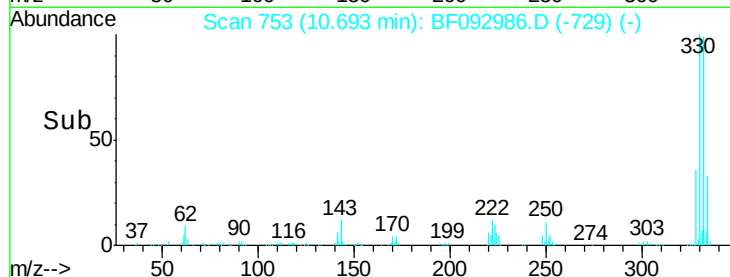
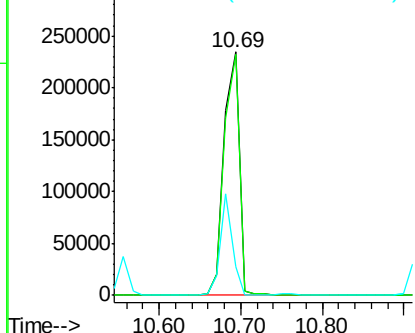
#41
 2,4,6-Tribromophenol
 Concen: 128.67 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

Tgt Ion:330 Resp: 304633
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 33.2 34.1 51.1#

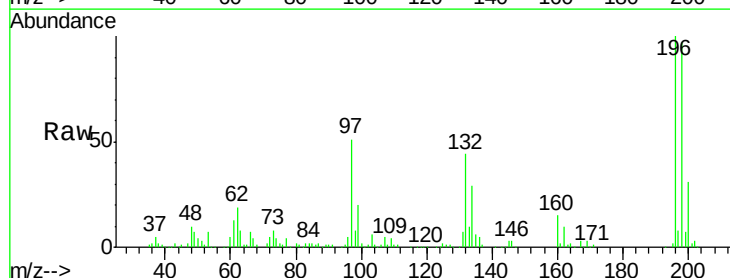


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

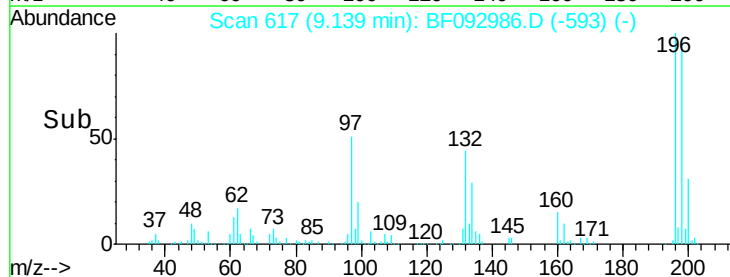
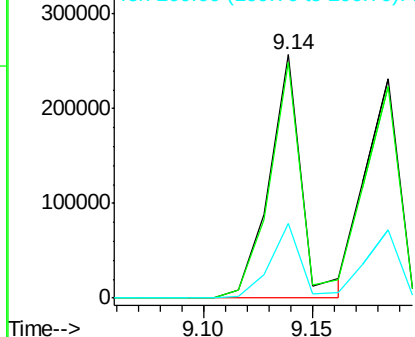


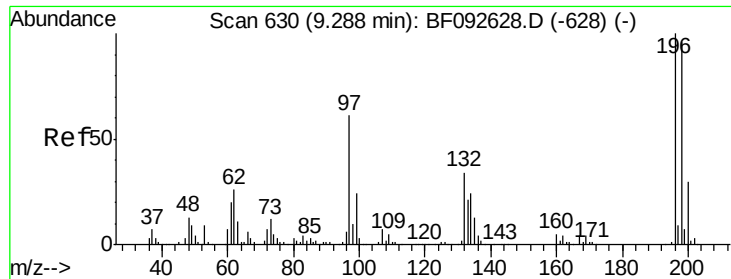
#42
 2,4,6-Trichlorophenol
 Concen: 44.09 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion:196 Resp: 266237
 Ion Ratio Lower Upper
 196 100
 198 96.8 82.1 123.1
 200 30.6 27.0 40.4



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

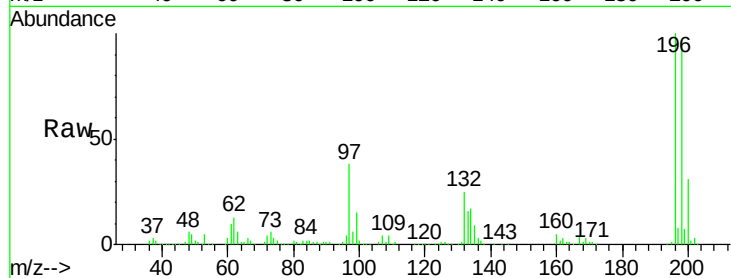




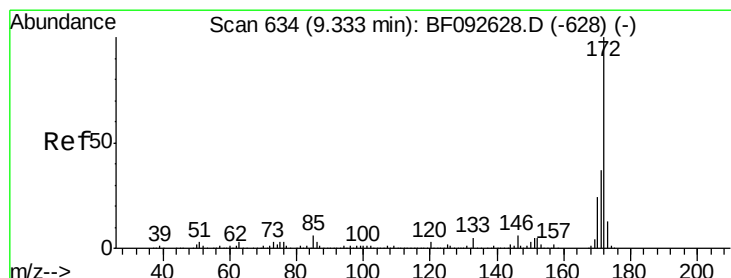
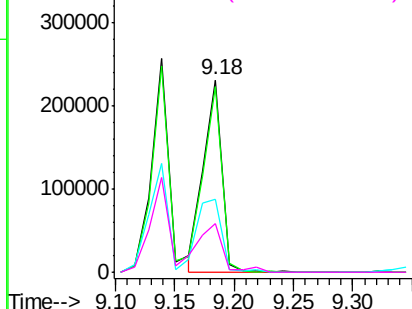
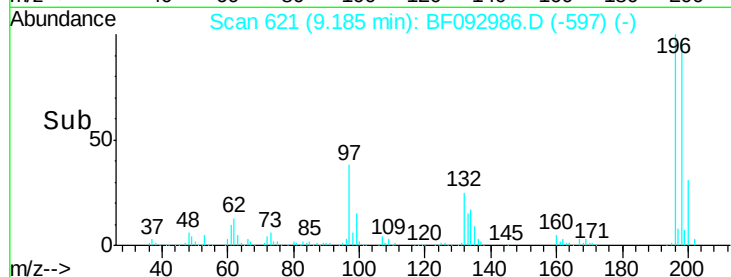
#43
 2,4,5-Trichlorophenol
 Concen: 38.26 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.4	119.2
97	38.0	51.5	77.3#
132	25.4	27.4	41.2#

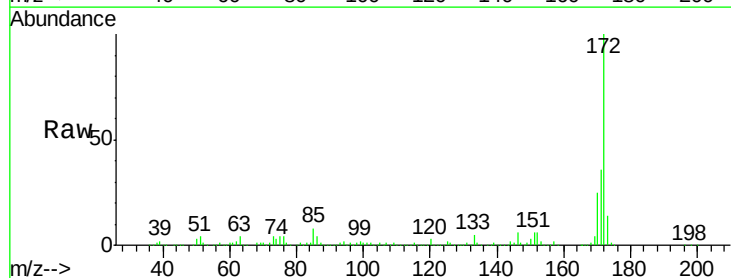


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

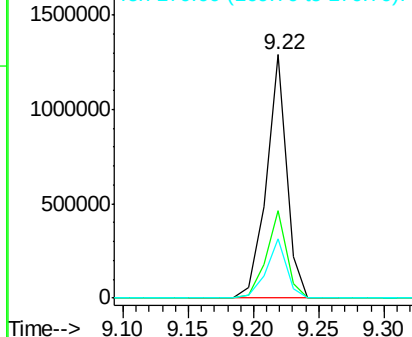
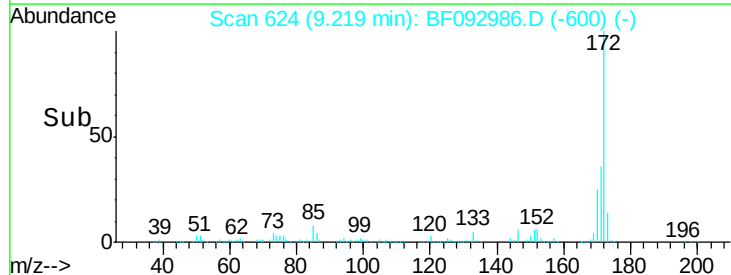


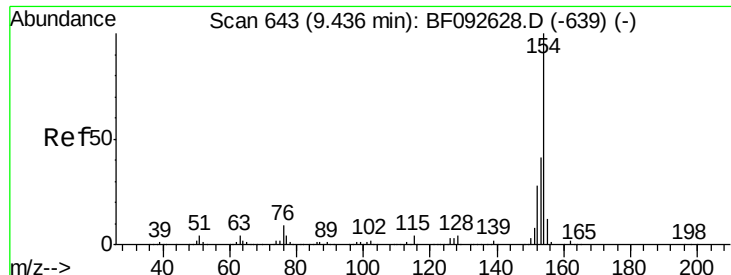
#44
 2-Fluorobiphenyl
 Concen: 77.80 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.5	20.2	30.4



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

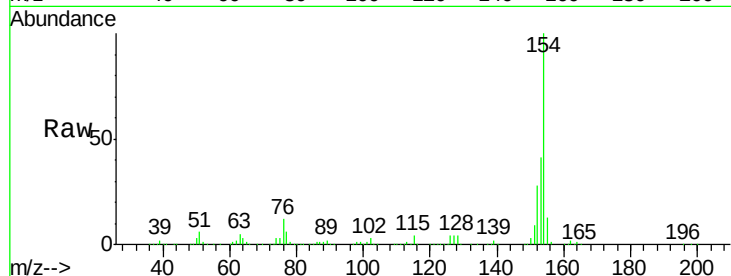




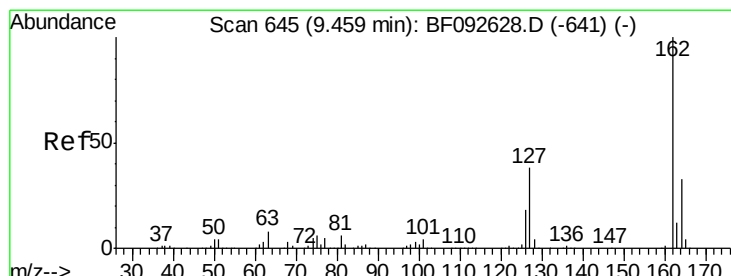
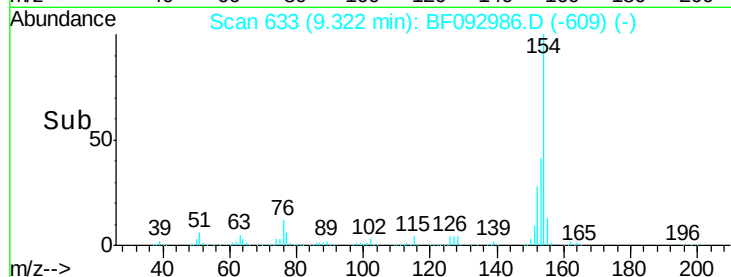
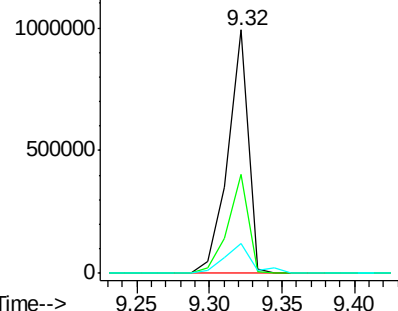
#45
1,1'-Biphenyl
Concen: 40.97 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Instrument :
BNA_F
ClientSampled :
PB96992BS

Tgt Ion:154 Resp: 971071
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 12.2 0.0 30.5

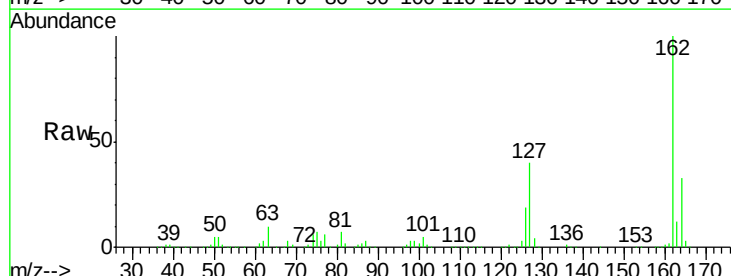


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): E

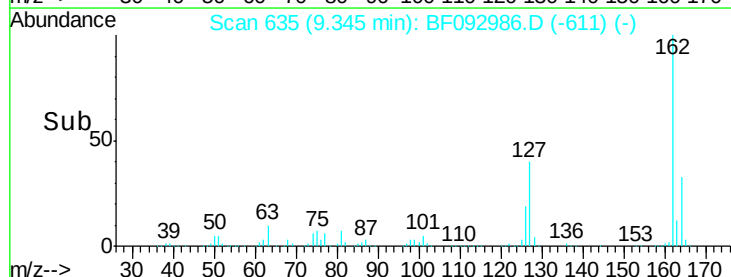
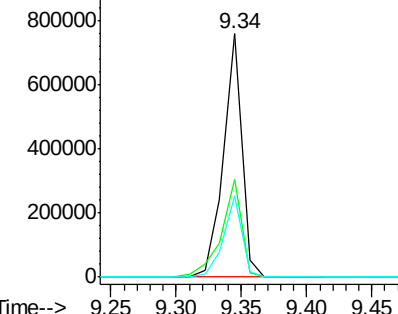


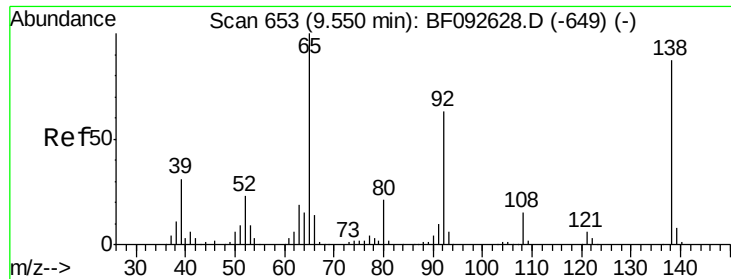
#46
2-Chloronaphthalene
Concen: 39.94 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:162 Resp: 740566
Ion Ratio Lower Upper
162 100
127 39.9 30.7 46.1
164 33.1 27.6 41.4



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

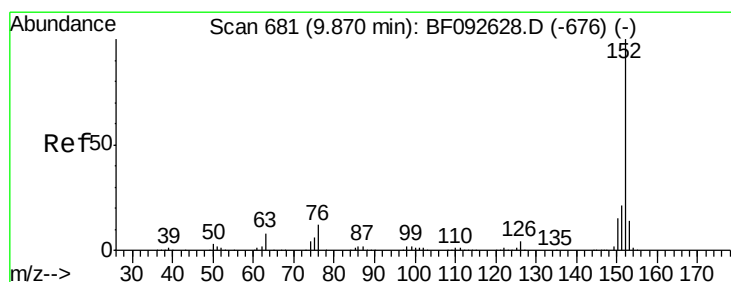
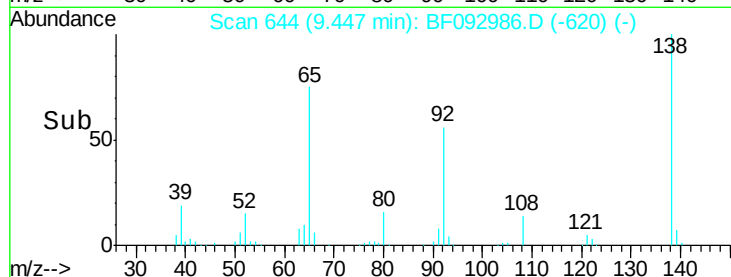
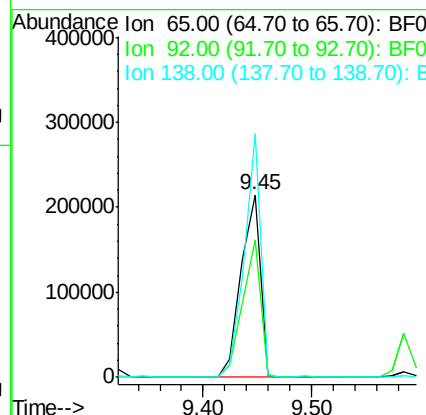
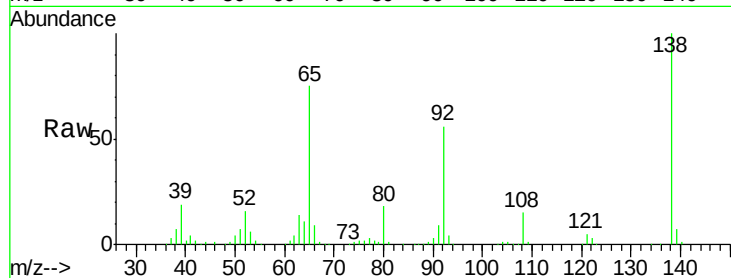




#47
 2-Nitroaniline
 Concen: 41.90 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

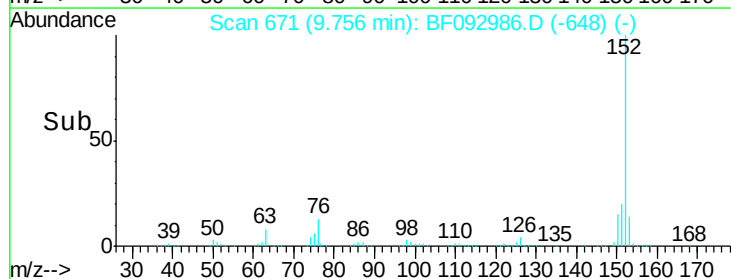
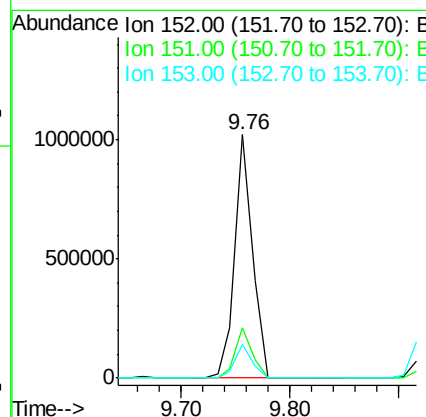
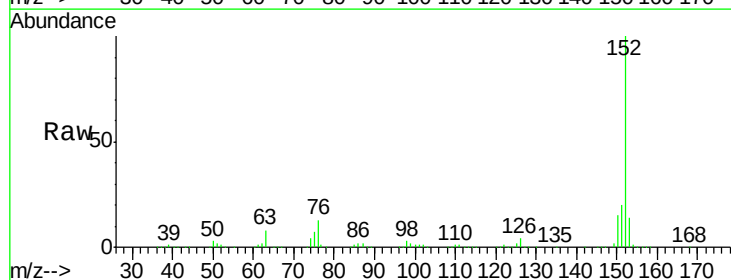
Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

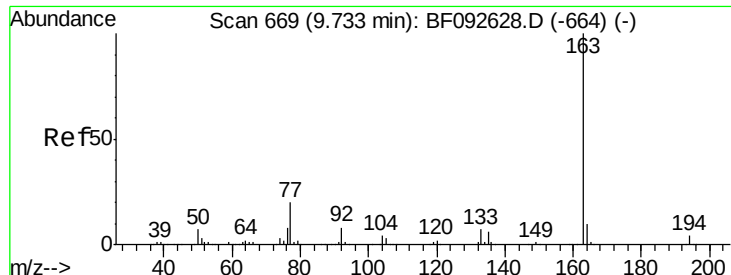
Tgt Ion: 65 Resp: 261209
 Ion Ratio Lower Upper
 65 100
 92 74.9 53.9 80.9
 138 133.4 76.8 115.2#



#48
 Acenaphthylene
 Concen: 35.70 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion: 152 Resp: 1143629
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.9 25.3
 153 13.8 11.4 17.2

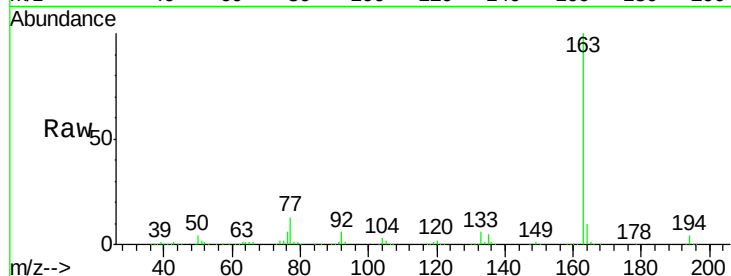




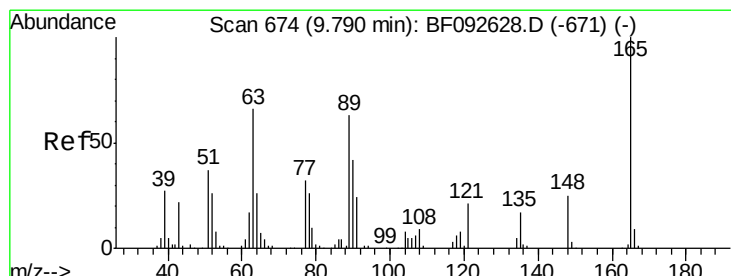
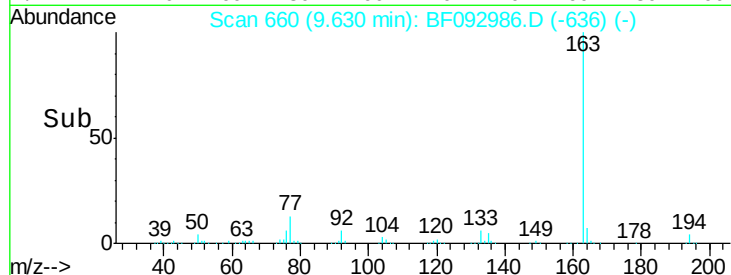
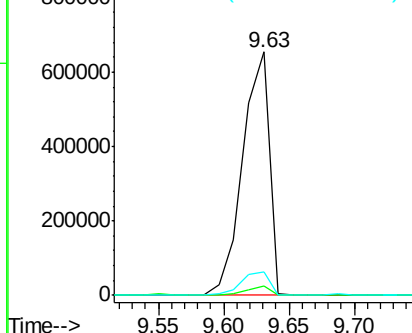
#49
Dimethylphthalate
Concen: 42.14 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Instrument :
BNA_F
ClientSampleId :
PB96992BS

Tgt Ion:163 Resp: 929194
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.6 8.0 12.0

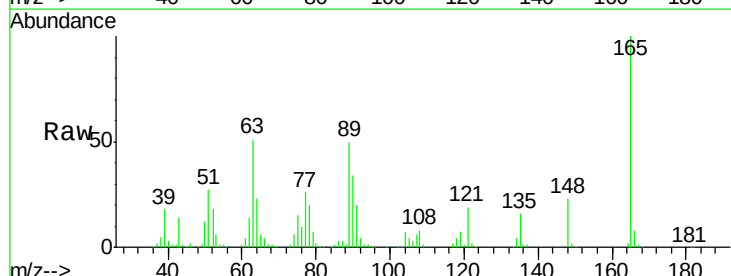


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

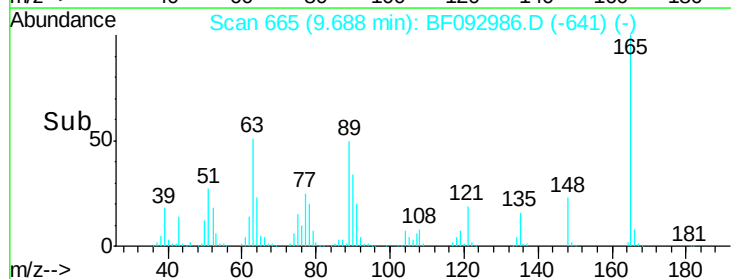
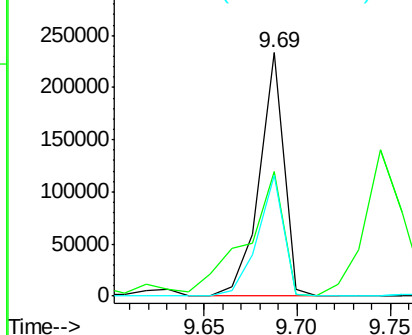


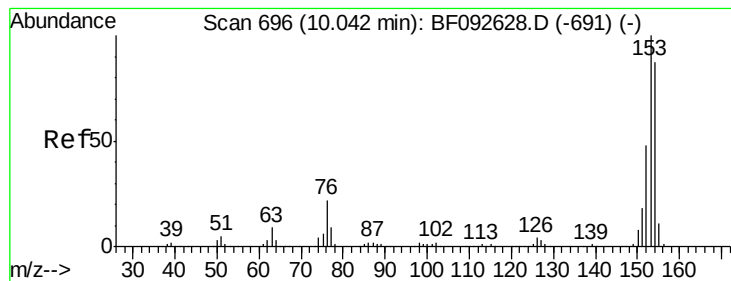
#50
2,6-Dinitrotoluene
Concen: 44.26 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:165 Resp: 210762
Ion Ratio Lower Upper
165 100
63 51.4 36.2 54.4
89 49.6 40.2 60.4



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: 38.61 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

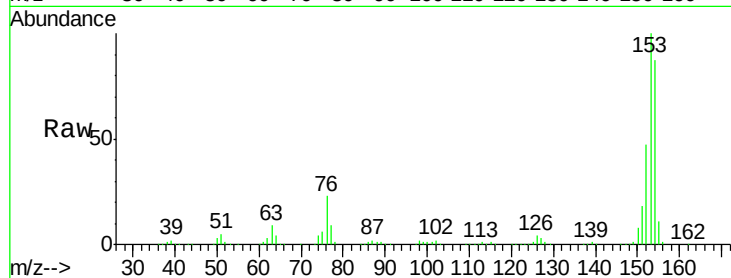
Tgt Ion:154 Resp: 739388

Ion Ratio Lower Upper

154 100

153 115.3 88.6 133.0

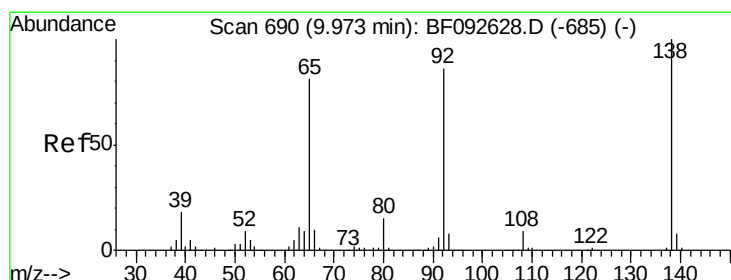
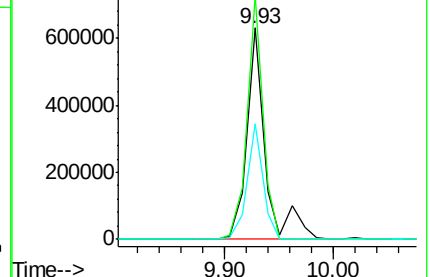
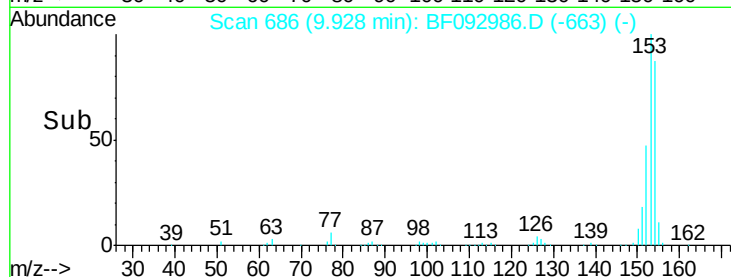
152 54.8 41.6 62.4



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: 21.57 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

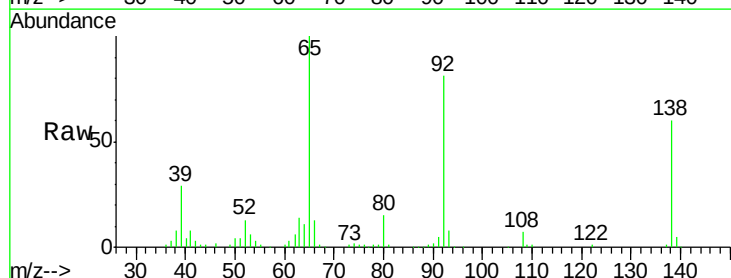
Tgt Ion:138 Resp: 117564

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

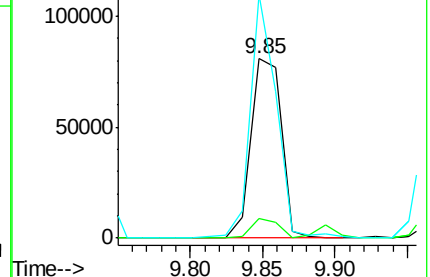
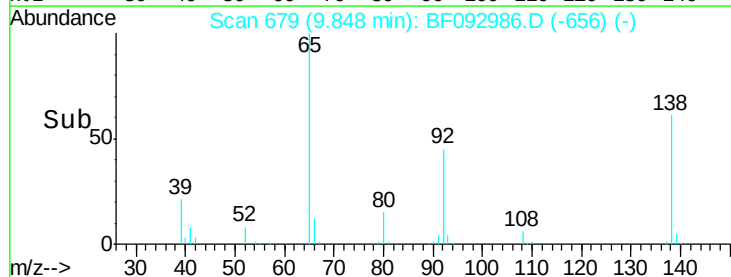
92 135.8 97.8 146.8

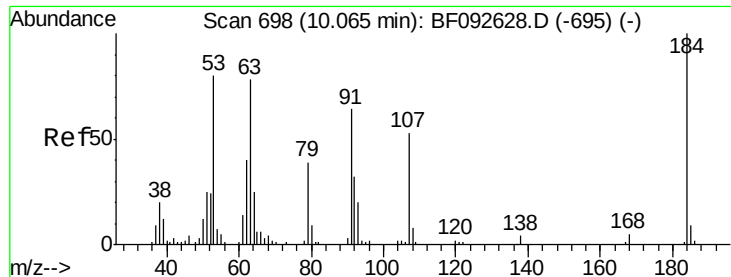


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

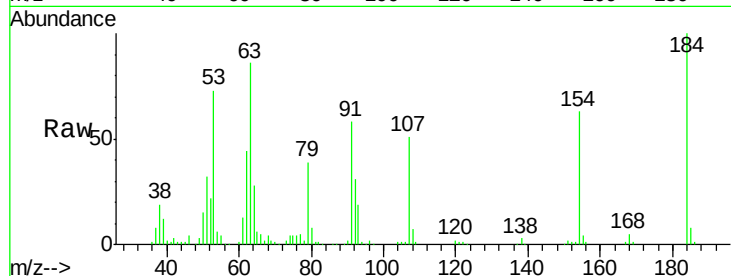




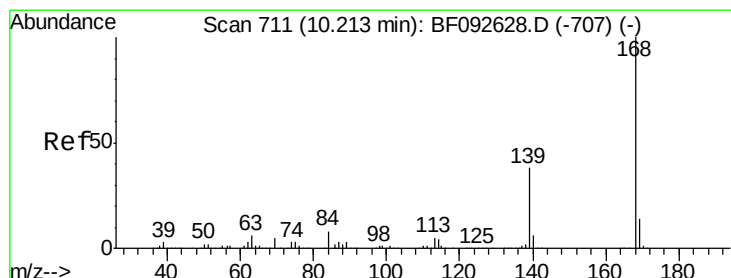
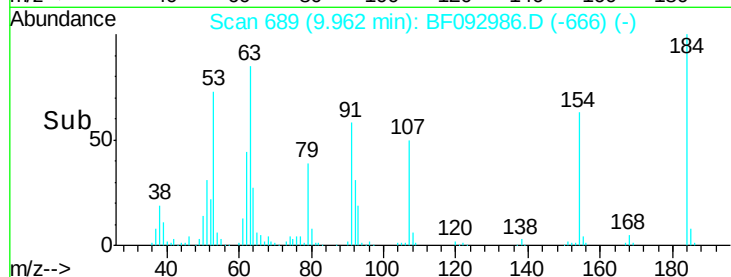
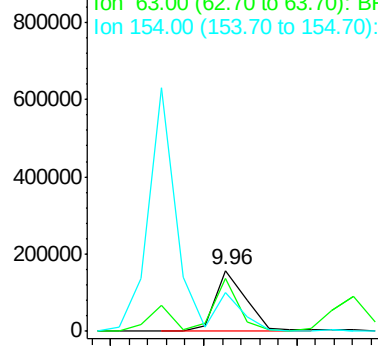
#53
2,4-Dinitrophenol
Concen: 75.99 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Instrument :
BNA_F
ClientSampleID :
PB96992BS

Tgt Ion:184 Resp: 183472
Ion Ratio Lower Upper
184 100
63 86.3 28.4 42.6#
154 63.0 44.3 66.5

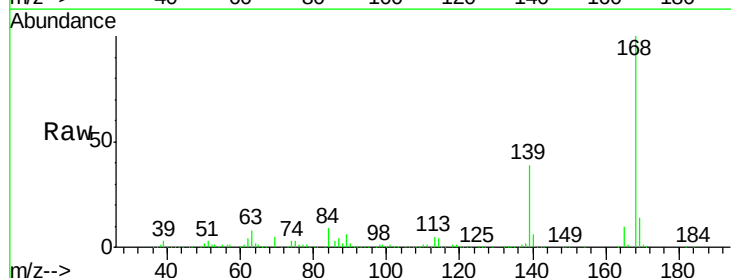


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

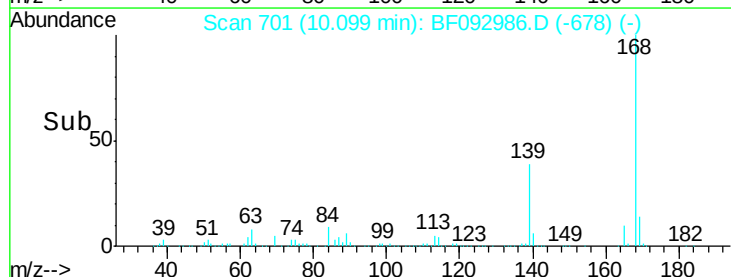
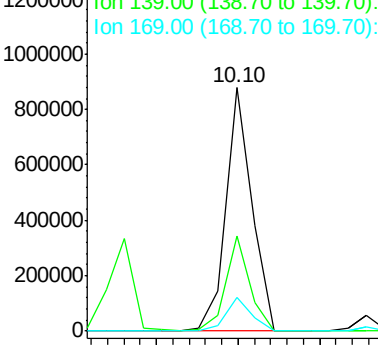


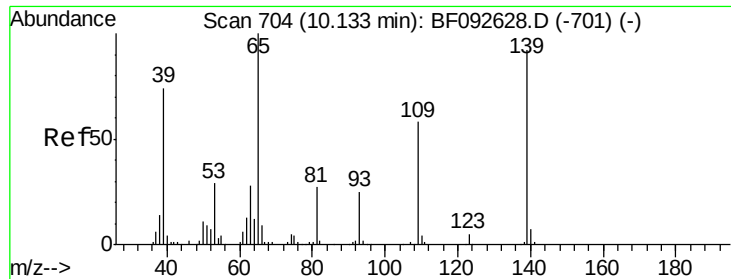
#54
Dibenzofuran
Concen: 37.98 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:168 Resp: 972962
Ion Ratio Lower Upper
168 100
139 39.3 32.6 49.0
169 14.0 11.3 16.9



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

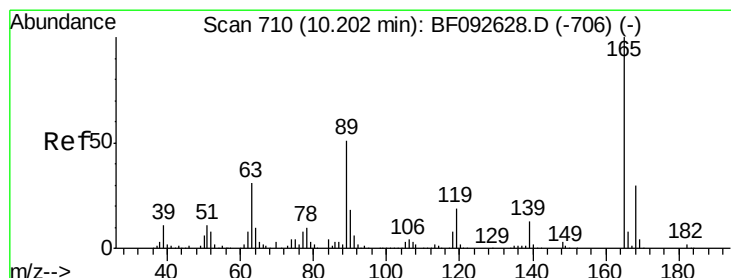
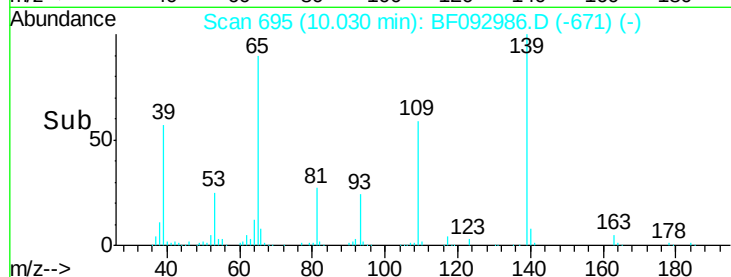
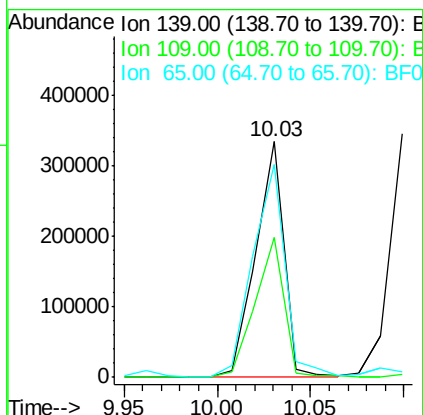
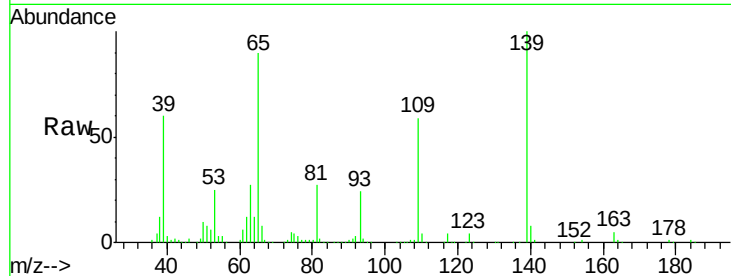




#55
4-Nitrophenol
Concen: 89.71 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

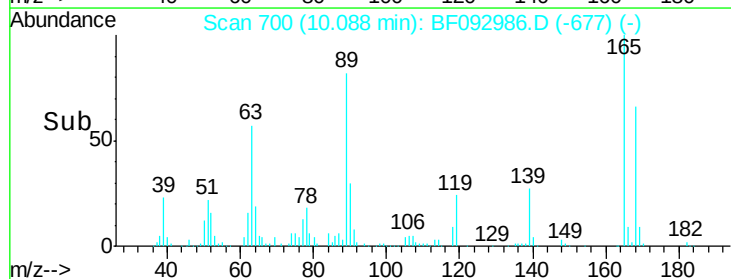
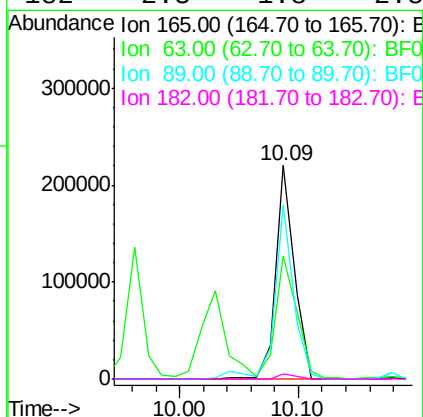
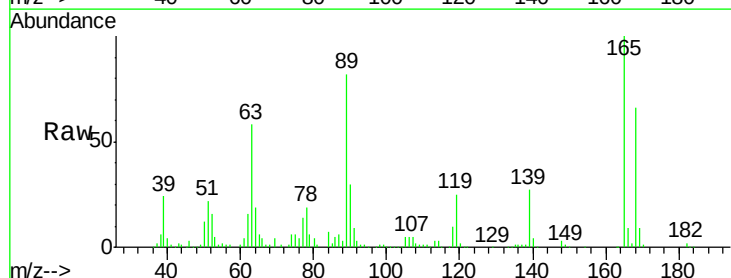
Instrument :
BNA_F
ClientSampleId :
PB96992BS

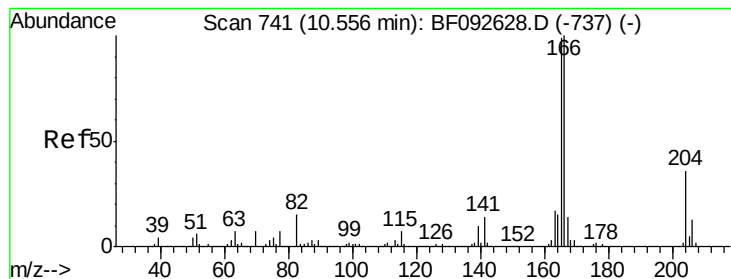
Tgt Ion:139 Resp: 352086
Ion Ratio Lower Upper
139 100
109 59.5 52.2 92.2
65 90.1 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 37.71 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:165 Resp: 239063
Ion Ratio Lower Upper
165 100
63 57.7 40.2 60.4
89 81.7 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 36.63 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

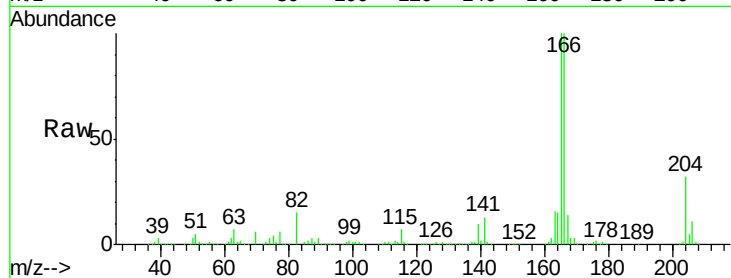
Tgt Ion:166 Resp: 721810

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

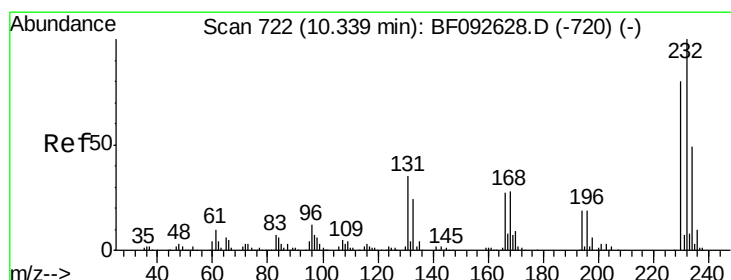
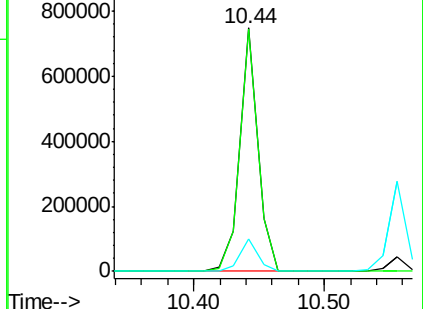
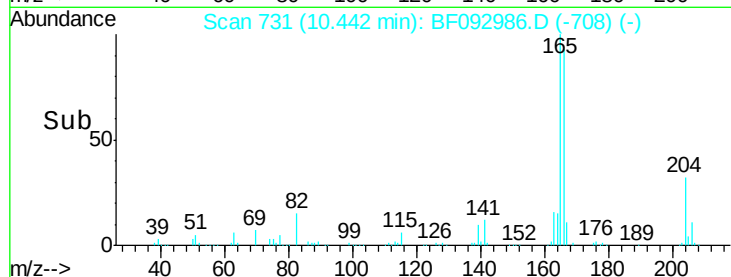
167 13.6 10.8 16.2



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: 47.48 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Tgt Ion:232 Resp: 209557

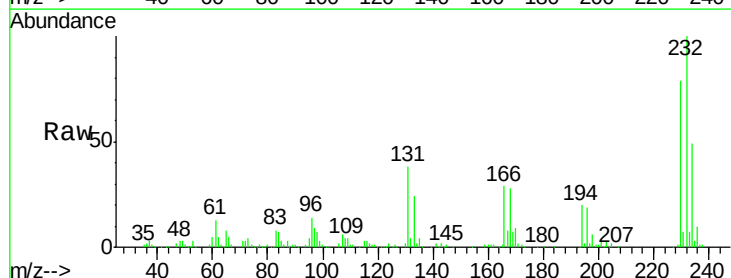
Ion Ratio Lower Upper

232 100

131 46.4 40.1 60.1

130 2.1 1.8 2.8

166 32.5 26.6 39.8

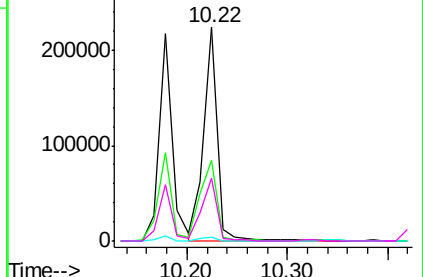
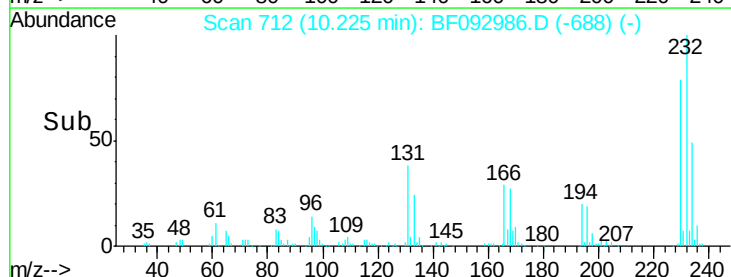


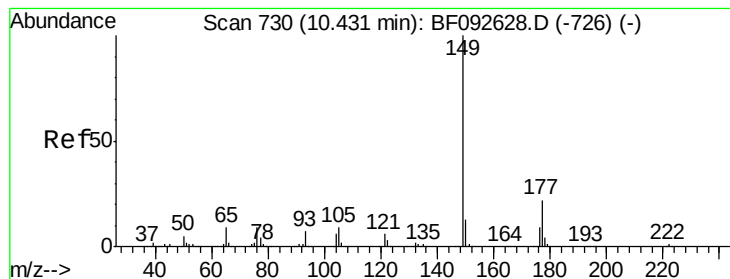
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.71 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

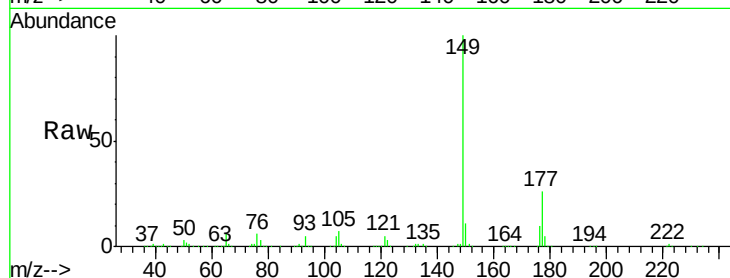
Tgt Ion:149 Resp: 866713

Ion Ratio Lower Upper

149 100

177 25.6 16.6 25.0#

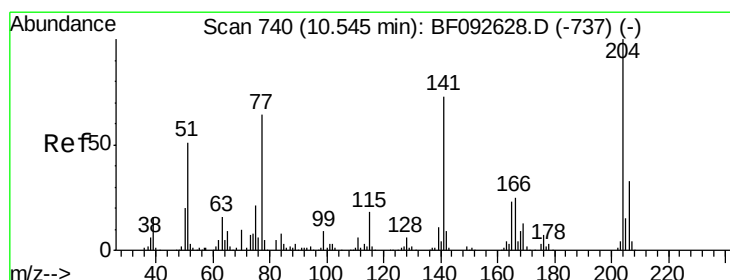
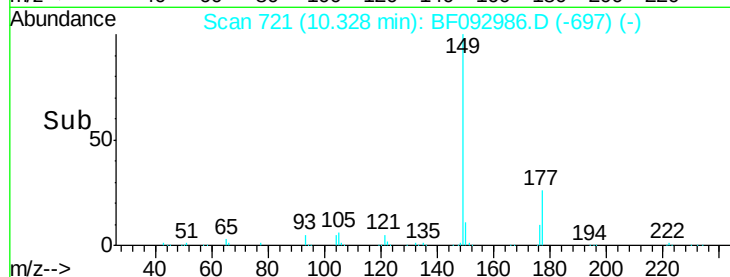
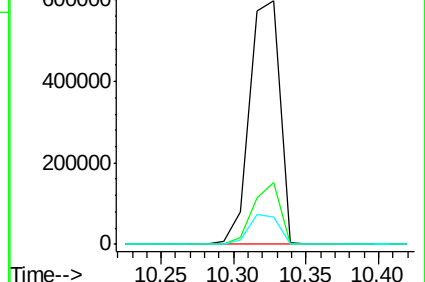
150 11.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.72 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

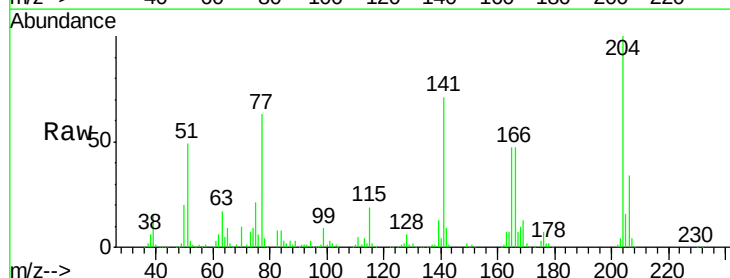
Tgt Ion:204 Resp: 357156

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.6

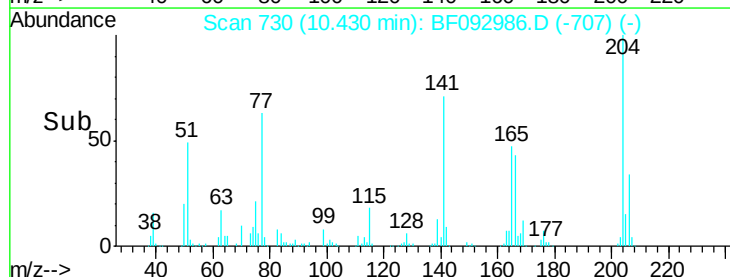
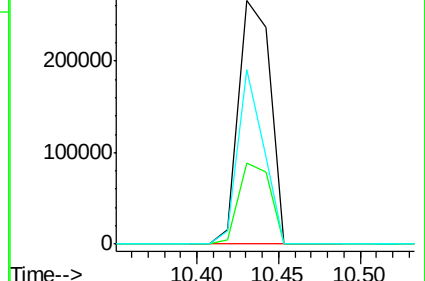
141 71.5 59.4 89.0

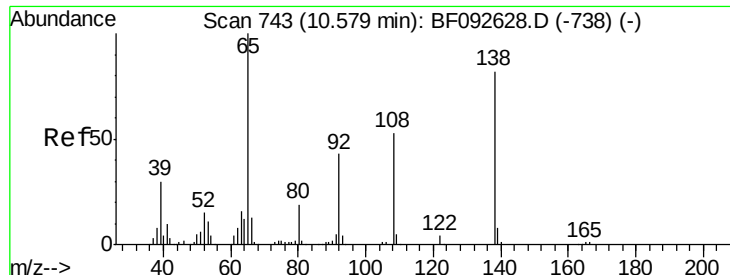


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

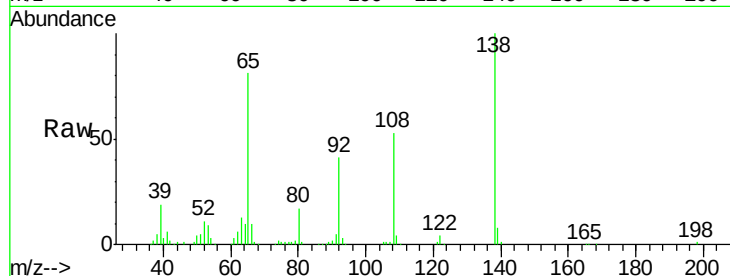




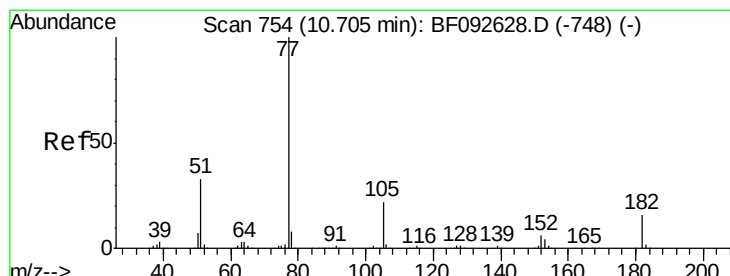
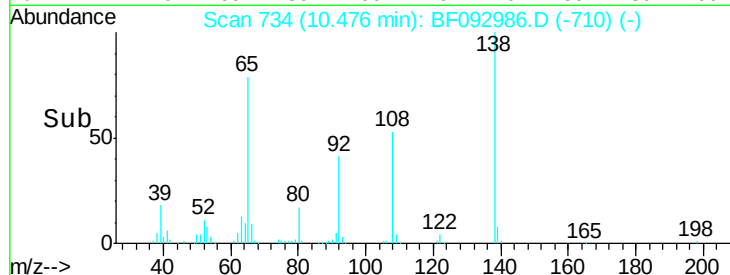
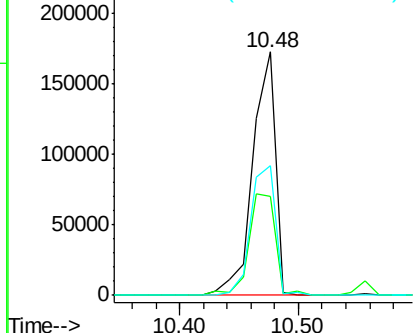
#61
4-Nitroaniline
Concen: 41.68 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Instrument :
BNA_F
ClientSampleId :
PB96992BS

Tgt Ion: 138 Resp: 232627
Ion Ratio Lower Upper
138 100
92 40.9 31.7 71.7
108 53.3 52.6 92.6

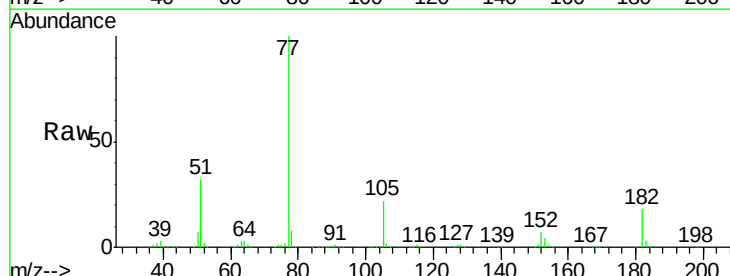


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

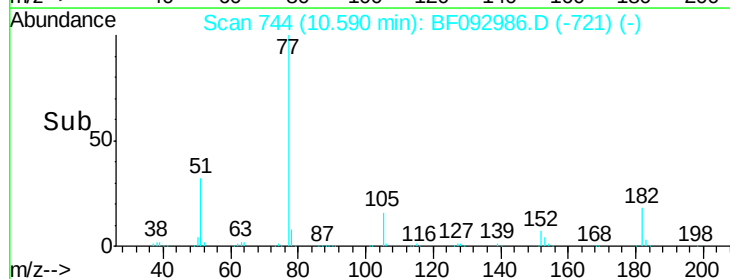
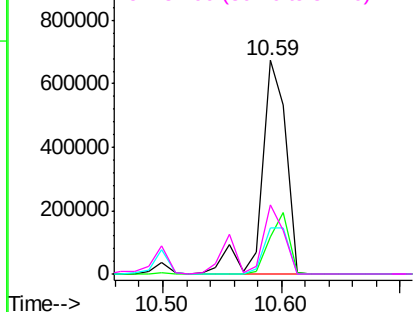


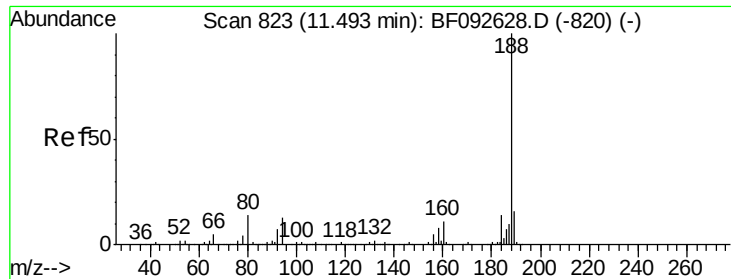
#62
Azobenzene
Concen: 44.84 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion: 77 Resp: 962586
Ion Ratio Lower Upper
77 100
182 17.6 0.0 39.3
105 21.7 2.3 42.3
51 32.3 8.9 48.9



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

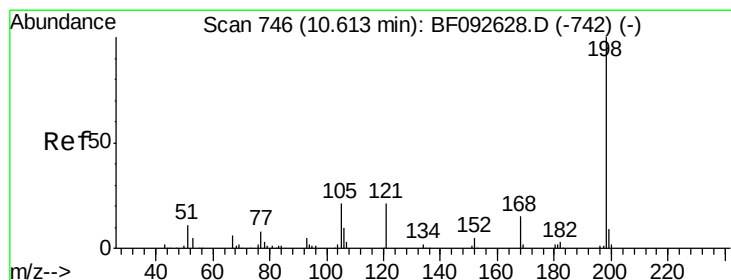
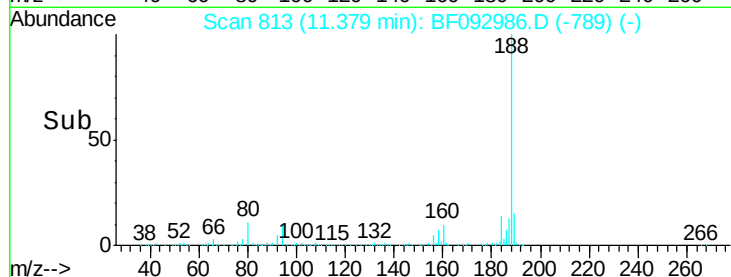
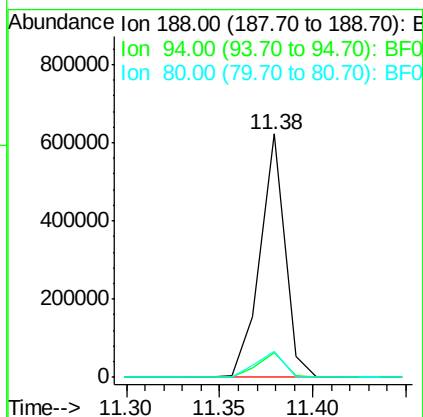
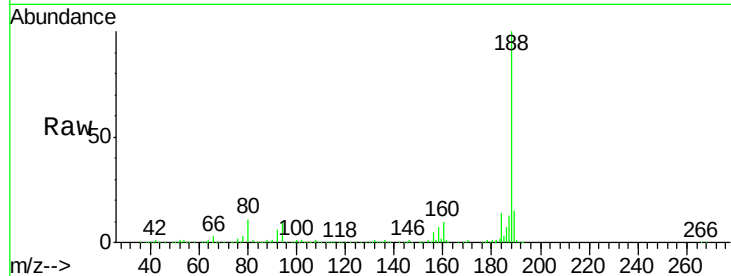




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

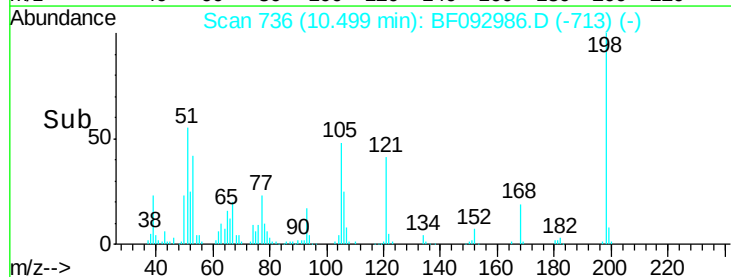
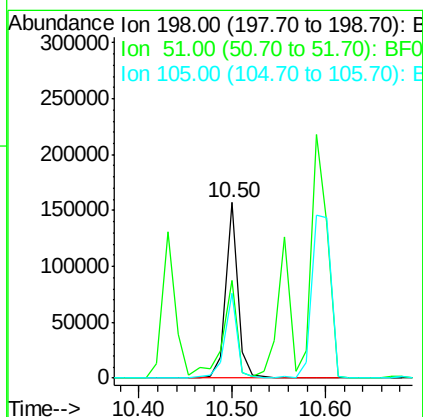
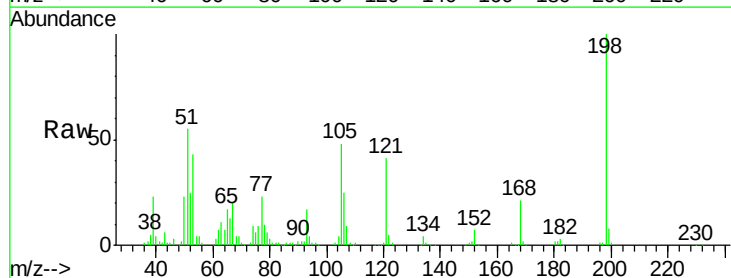
Instrument :
BNA_F
ClientSampleId :
PB96992BS

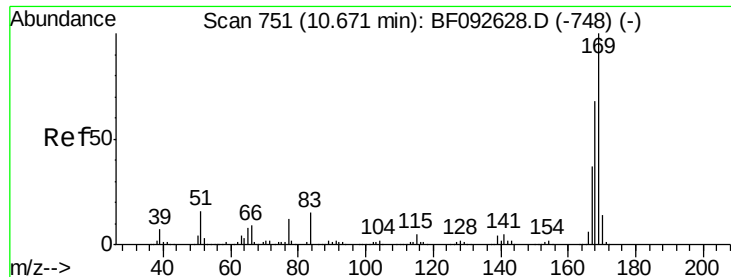
Tgt Ion:188 Resp: 573039
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 10.7 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.99 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:198 Resp: 141519
Ion Ratio Lower Upper
198 100
51 55.5 6.7 46.7#
105 48.2 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 37.07 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

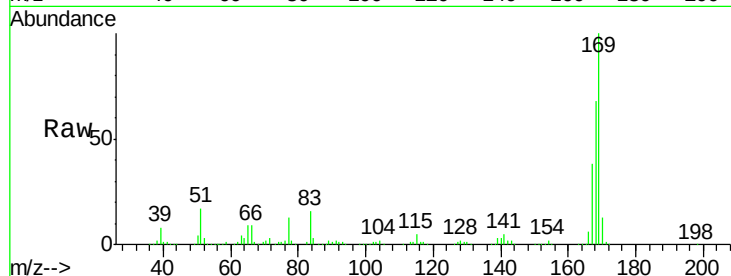
Tgt Ion:169 Resp: 678663

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

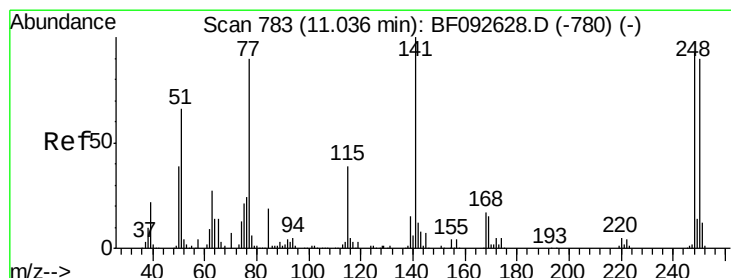
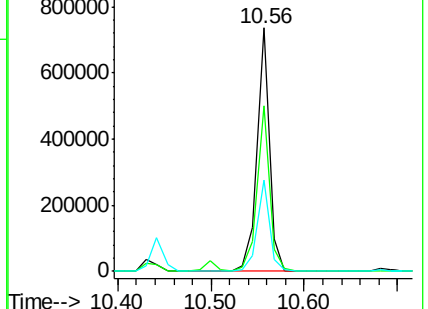
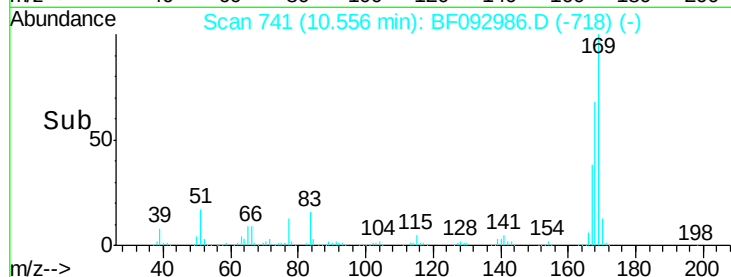
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.04 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

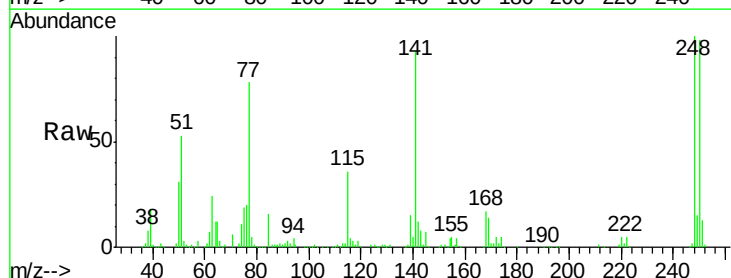
Tgt Ion:248 Resp: 209793

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

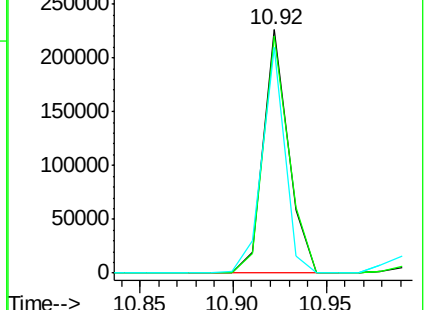
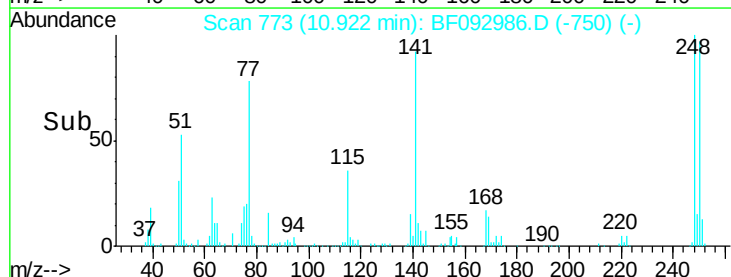
141 92.6 68.2 102.4

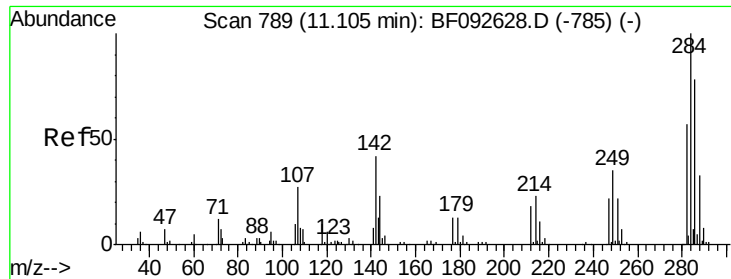


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

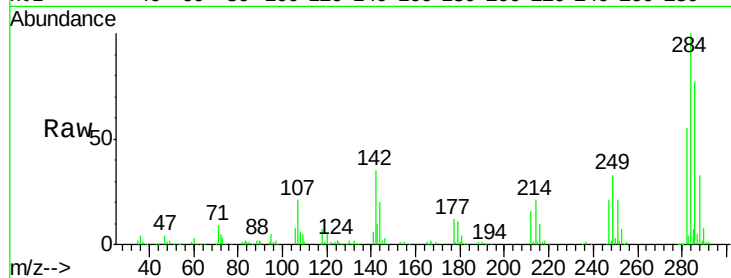




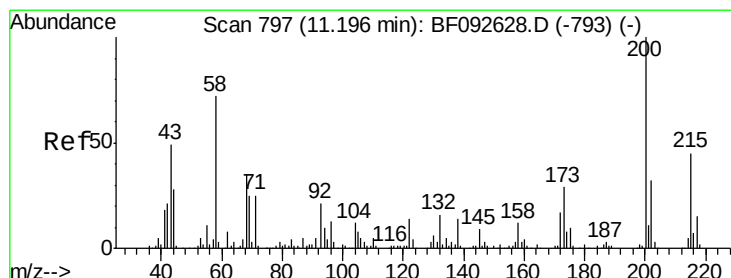
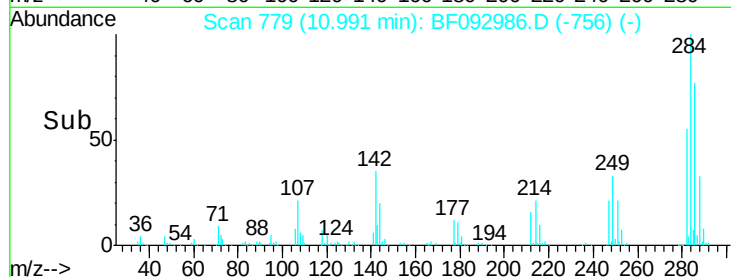
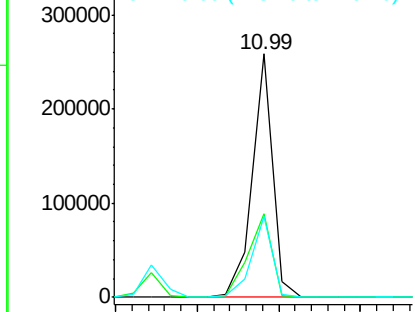
#67
Hexachlorobenzene
Concen: 37.73 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Instrument :
BNA_F
ClientSampleId :
PB96992BS

Tgt Ion: 284 Resp: 223209
Ion Ratio Lower Upper
284 100
142 34.5 22.6 33.8#
249 33.0 25.4 38.0

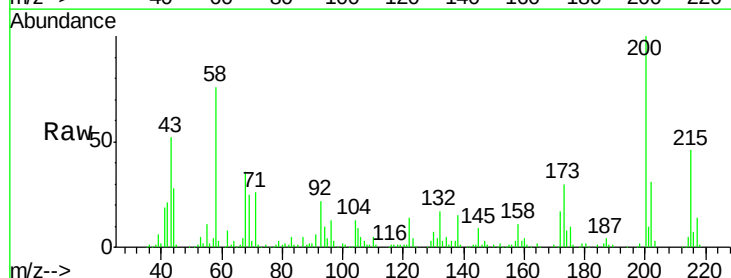


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

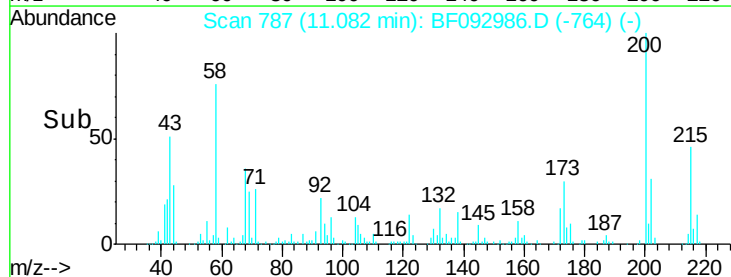
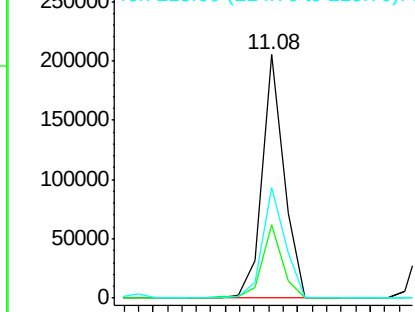


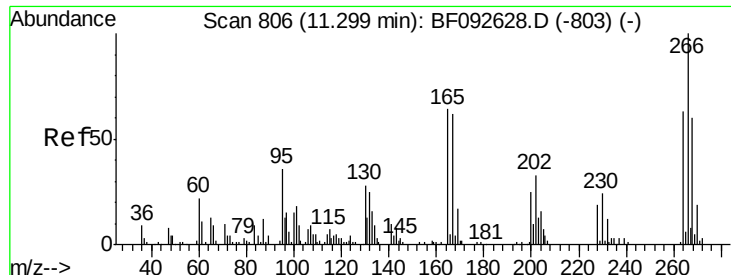
#68
Atrazine
Concen: 36.36 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion: 200 Resp: 213605
Ion Ratio Lower Upper
200 100
173 30.2 9.6 49.6
215 45.6 25.7 65.7



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

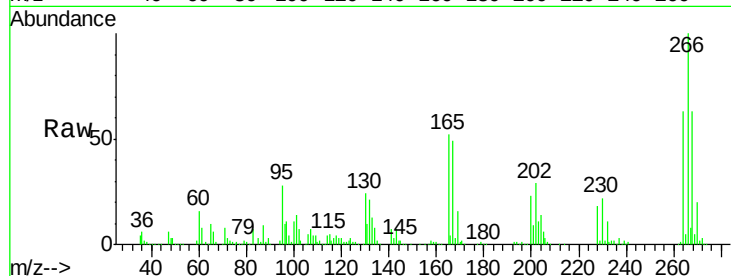




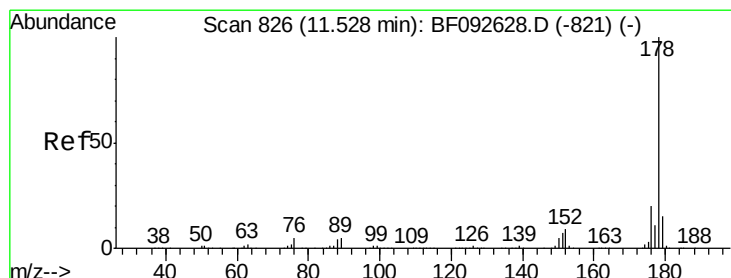
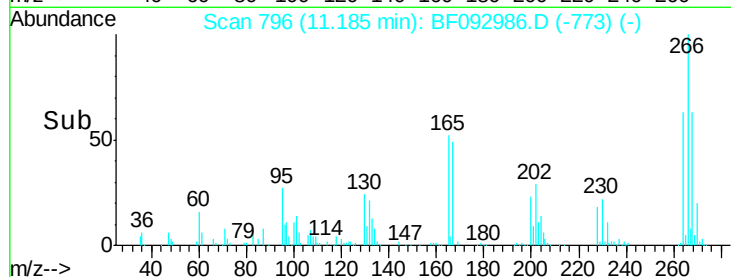
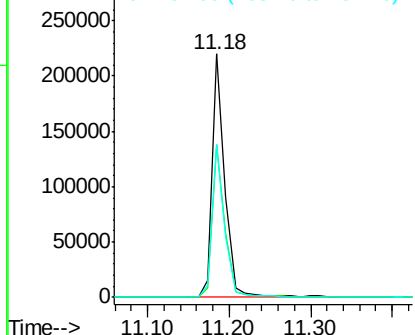
#69
 Pentachlorophenol
 Concen: 79.11 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

Tgt Ion:266 Resp: 241345
 Ion Ratio Lower Upper
 266 100
 268 62.8 53.3 79.9
 264 62.7 50.3 75.5

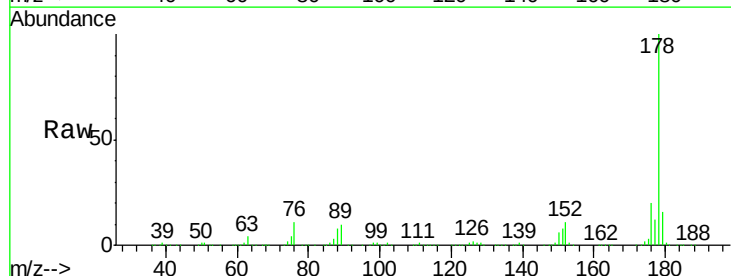


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

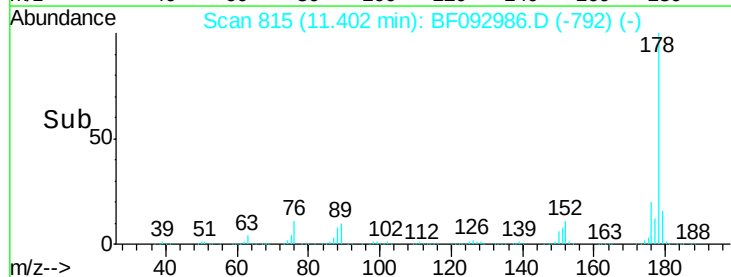
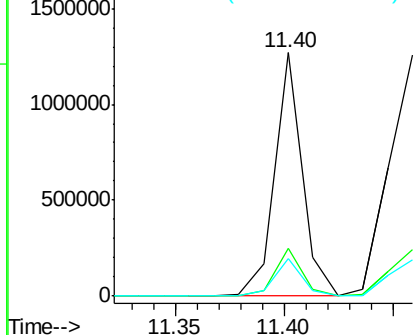


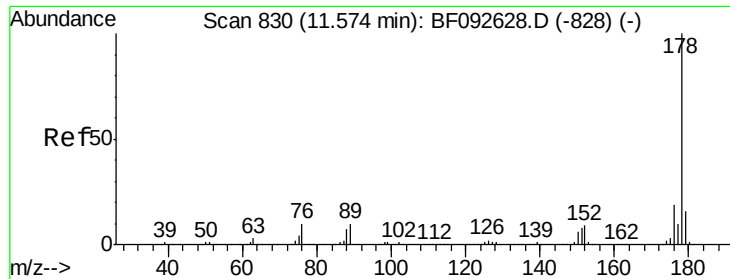
#70
 Phenanthrene
 Concen: 34.44 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion:178 Resp: 1130758
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.7 12.8 19.2



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

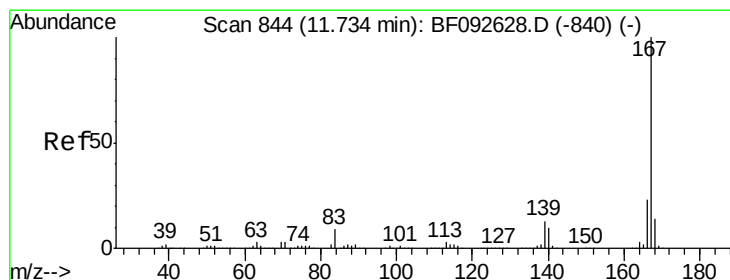
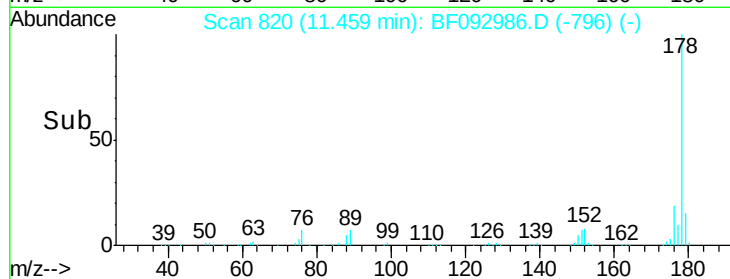
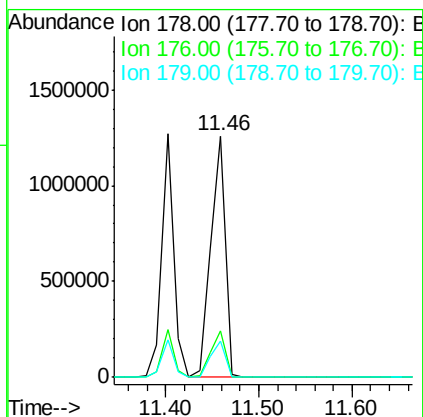
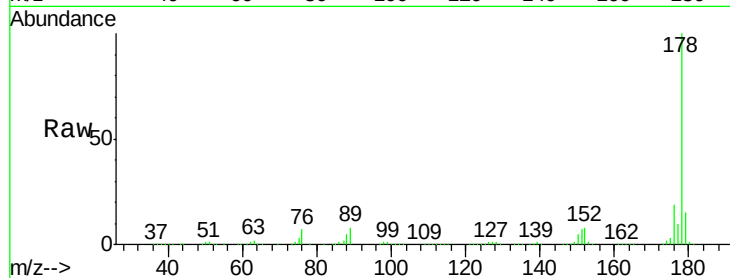




#71
 Anthracene
 Concen: 41.30 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

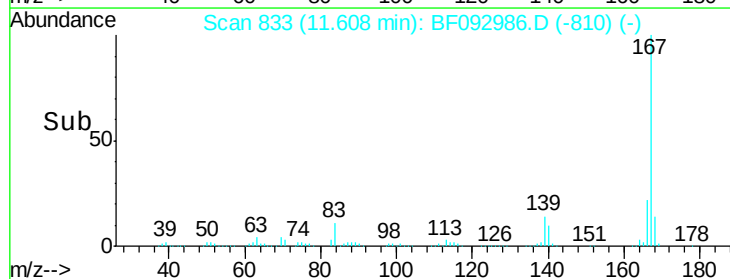
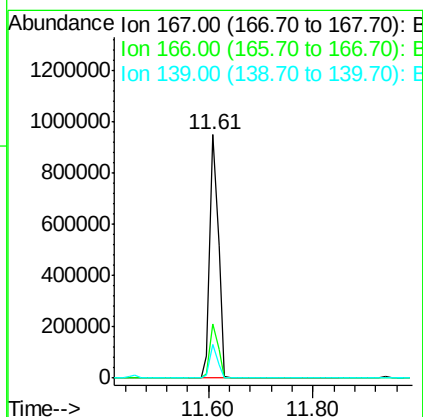
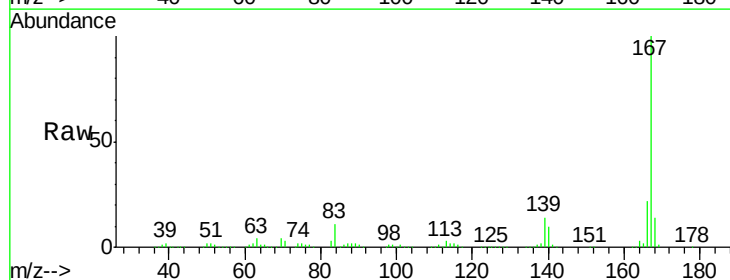
Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

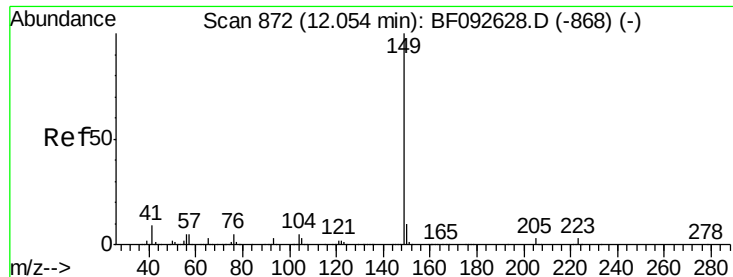
Tgt Ion:178 Resp: 1361575
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.3 13.2 19.8



#72
 Carbazole
 Concen: 34.40 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion:167 Resp: 1084045
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 39.29 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

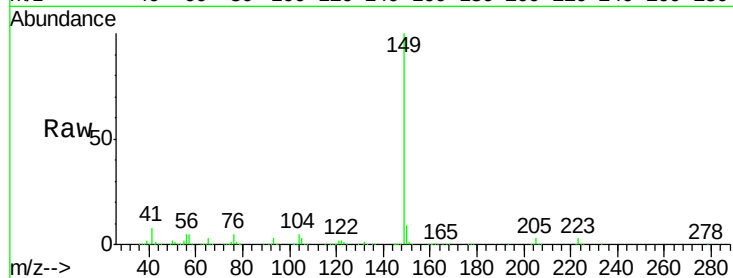
Tgt Ion:149 Resp: 1339109

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

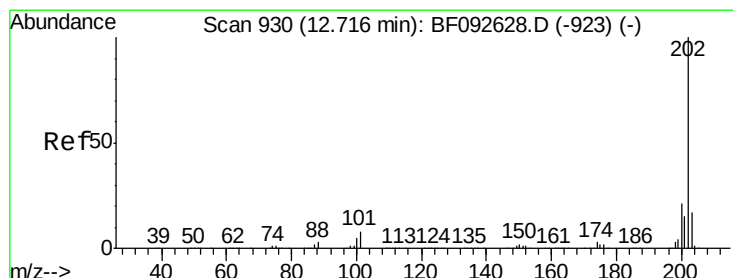
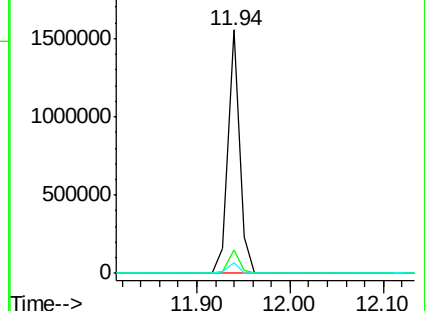
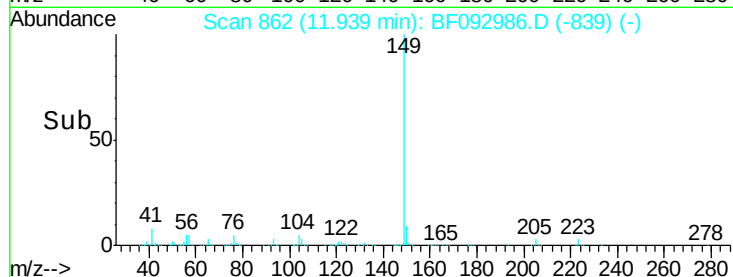
104 4.5 4.6 7.0#



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: 36.96 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

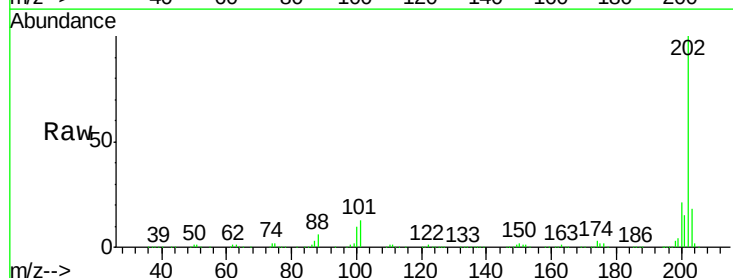
Tgt Ion:202 Resp: 1251716

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.6

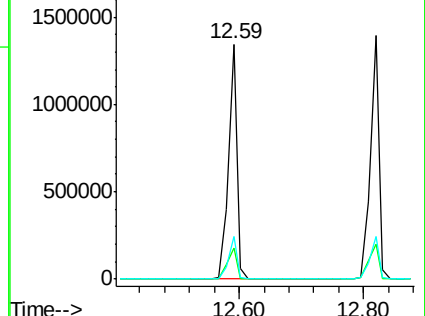
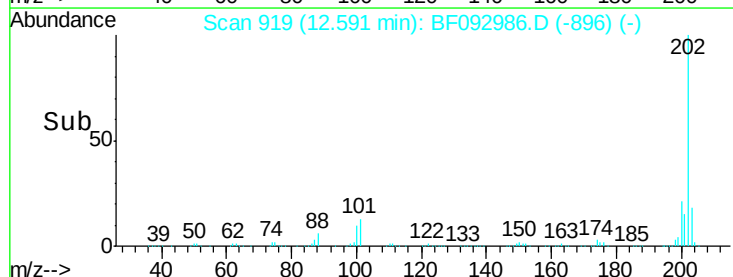
203 17.9 0.0 38.7

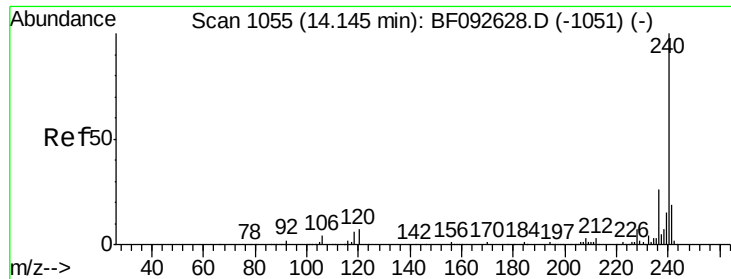


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

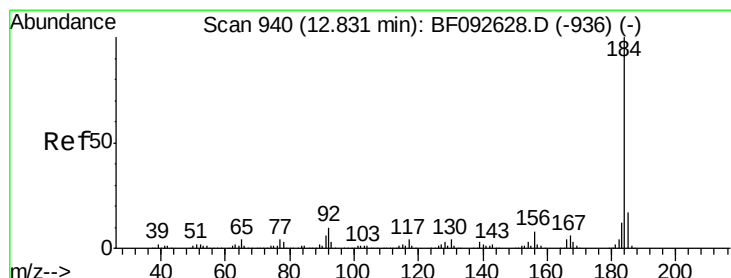
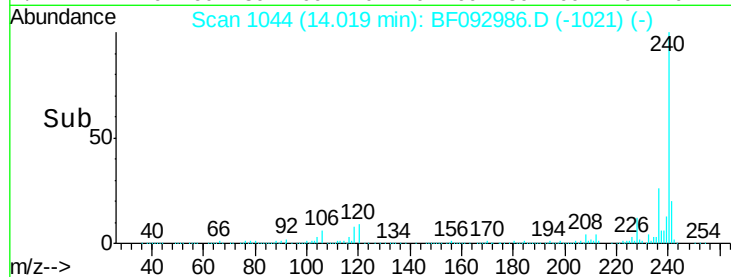
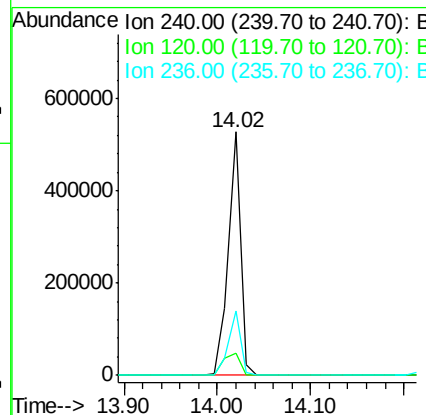
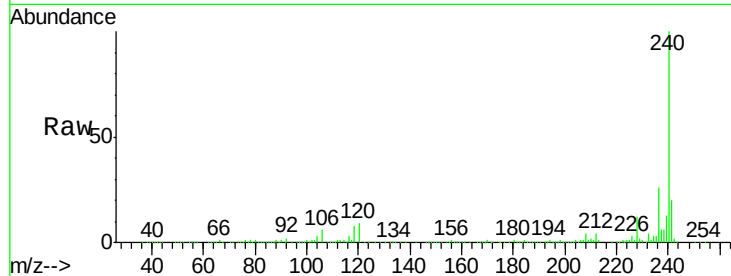
BNA_F

ClientSampleId :

PB96992BS

Tgt Ion:240 Resp: 484087

Ion	Ratio	Lower	Upper
240	100		
120	9.1	12.9	19.3#
236	26.3	20.9	31.3



#76

Benzidine

Concen: 18.25 ng

RT: 12.72 min Scan# 930

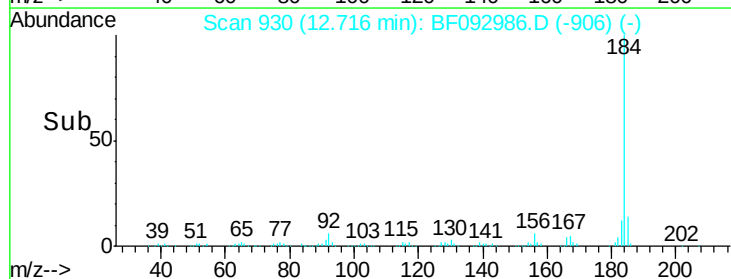
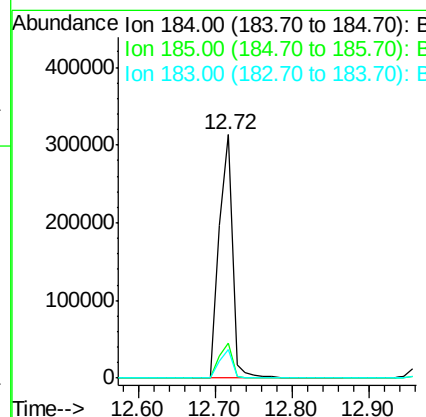
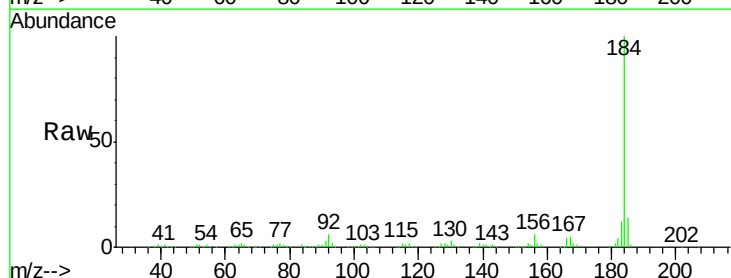
Delta R.T. -0.02 min

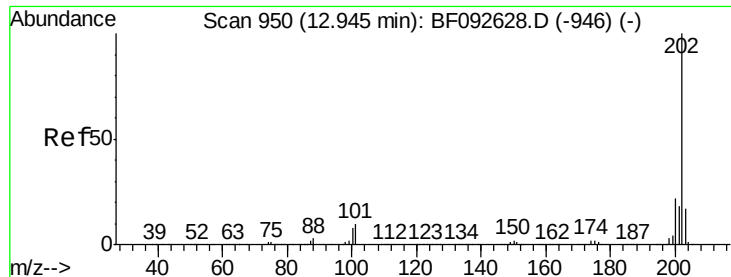
Lab File: BF092986.D

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Tgt Ion:184 Resp: 376525

Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	11.8	9.2	13.8

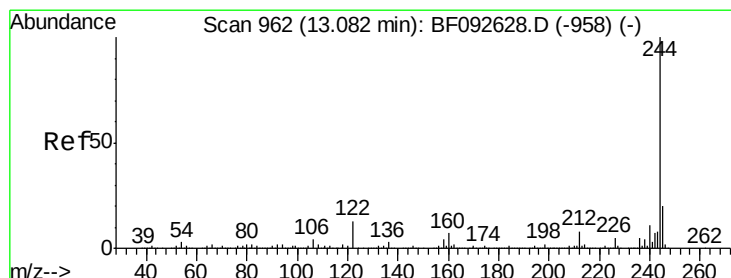
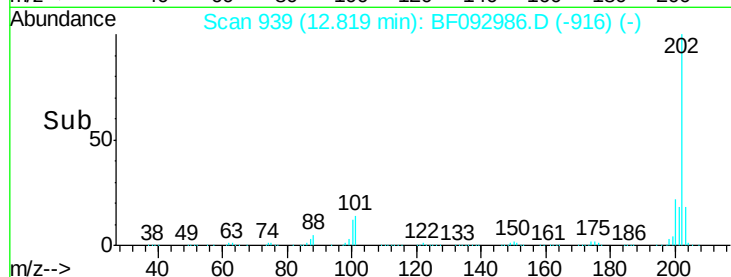
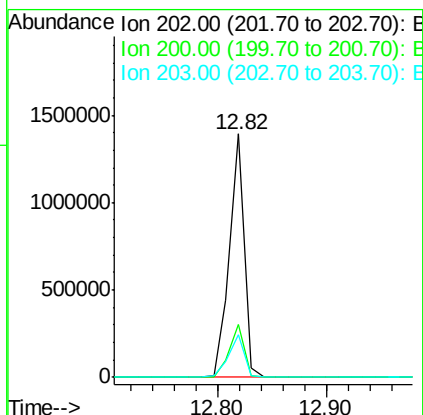
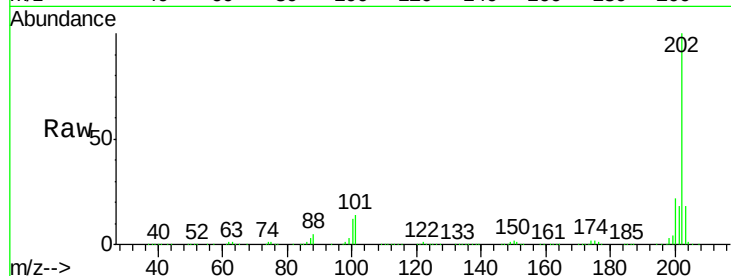




#77
 Pyrene
 Concen: 36.24 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

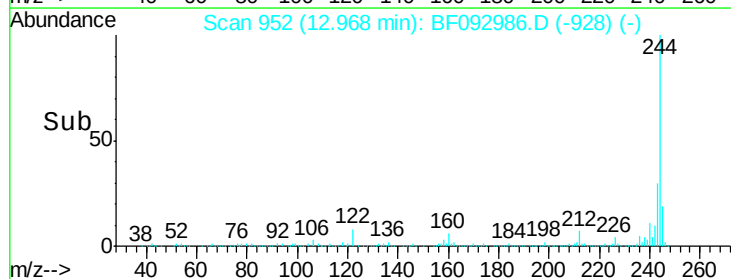
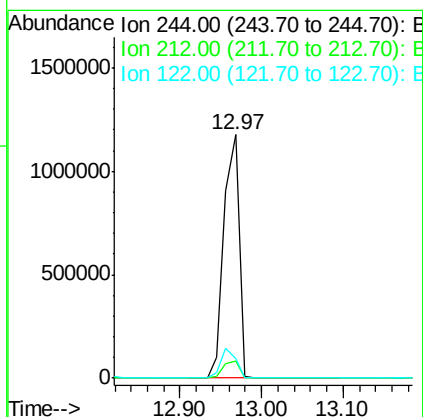
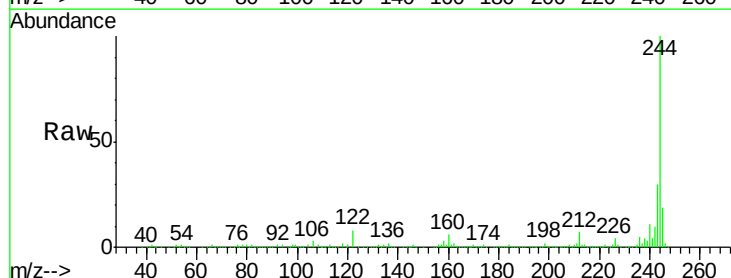
Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

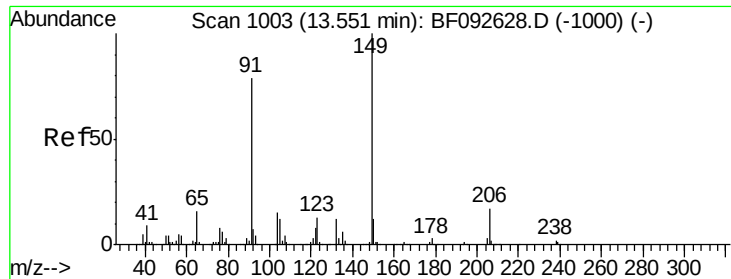
Tgt Ion: 202 Resp: 1312774
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 17.6 14.7 22.1



#78
 Terphenyl-d14
 Concen: 73.43 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion: 244 Resp: 1512792
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 8.3 11.4 17.2#

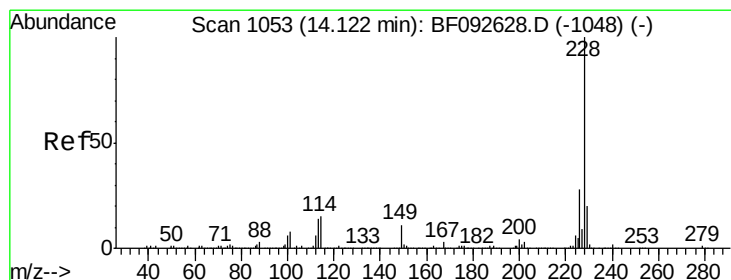
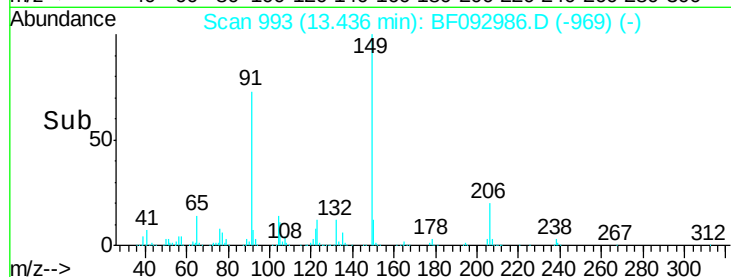
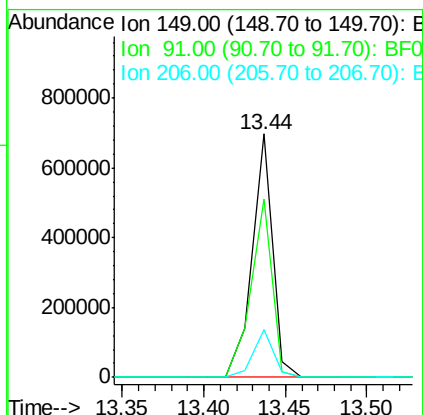
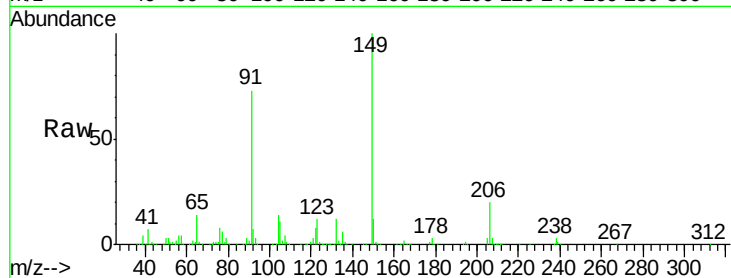




#79
Butylbenzylphthalate
Concen: 41.36 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

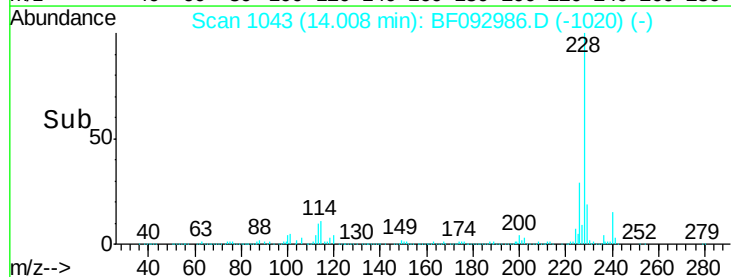
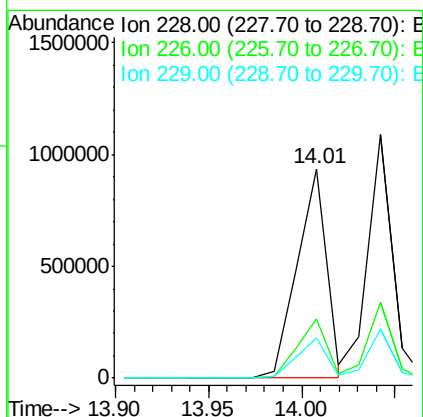
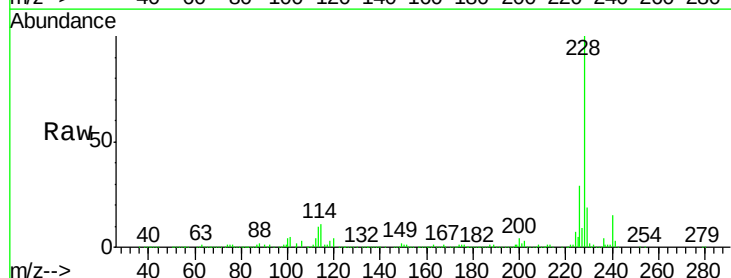
Instrument :
BNA_F
ClientSampleId :
PB96992BS

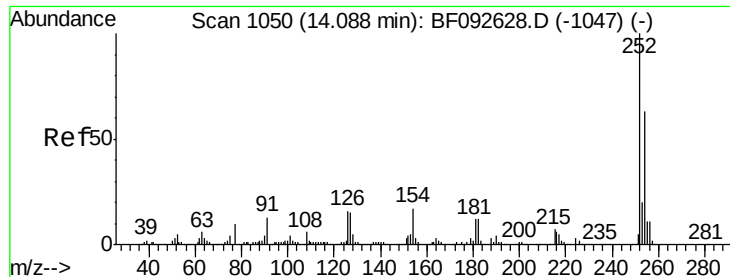
Tgt Ion:149 Resp: 608416
Ion Ratio Lower Upper
149 100
91 73.3 63.9 95.9
206 19.7 14.6 21.8



#80
Benzo(a)anthracene
Concen: 35.10 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:228 Resp: 1039176
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 19.4 16.2 24.4

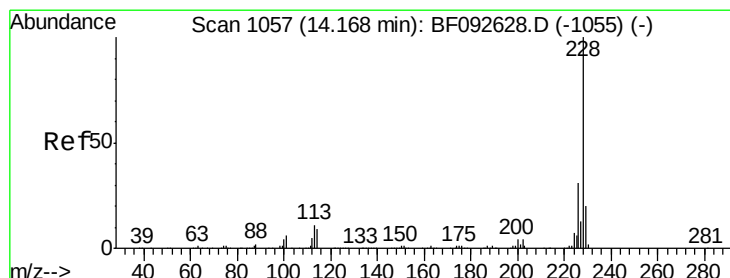
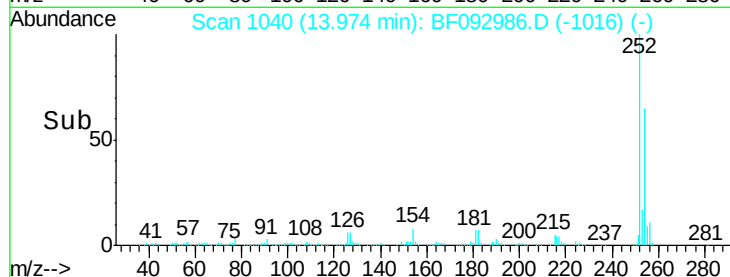
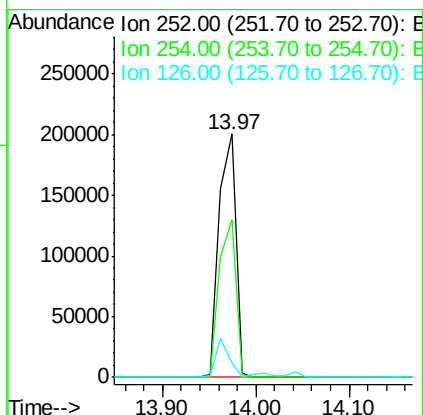
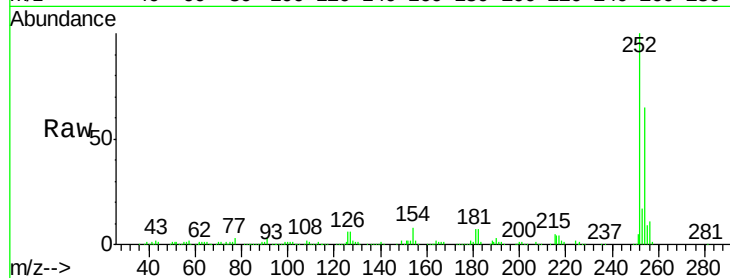




#81
 3,3'-Dichlorobenzidine
 Concen: 23.77 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

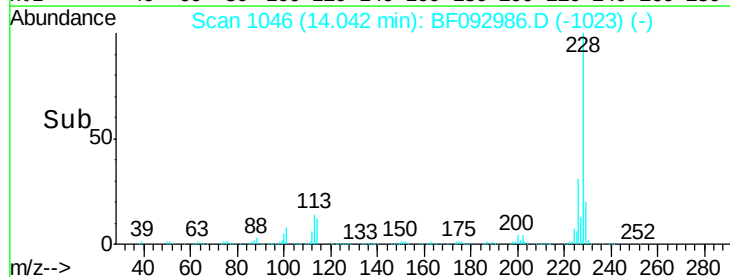
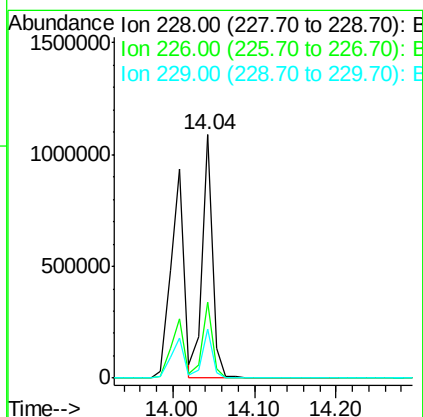
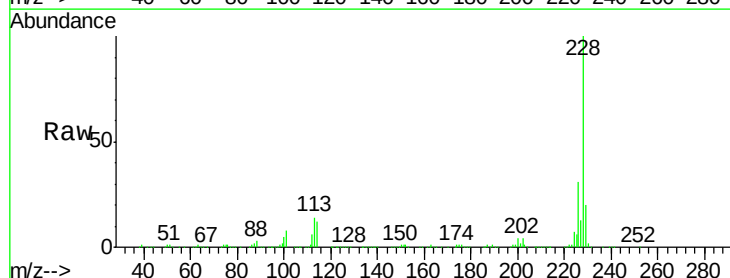
Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

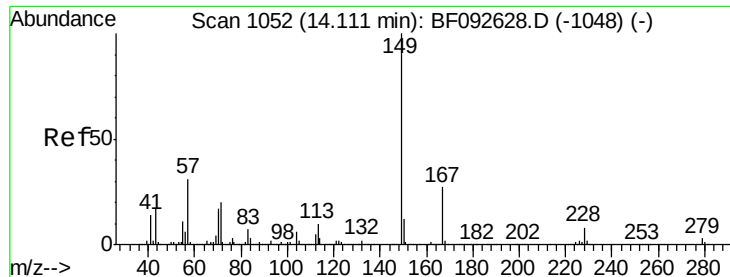
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.3	78.5
126	5.9	13.6	20.4



#82
 Chrysene
 Concen: 35.45 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.1	16.2	24.2

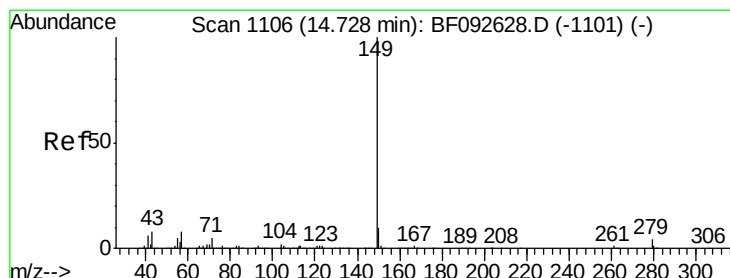
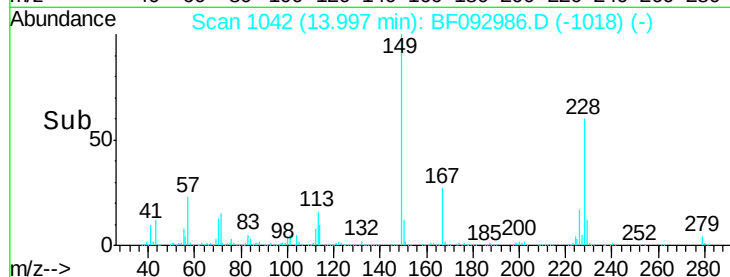
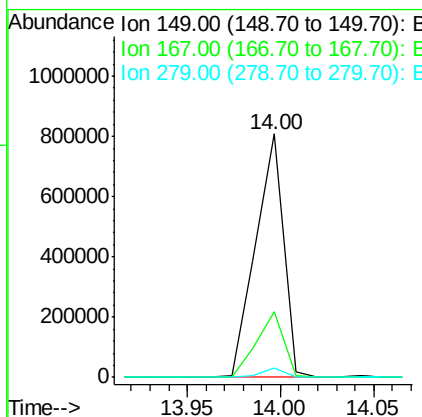
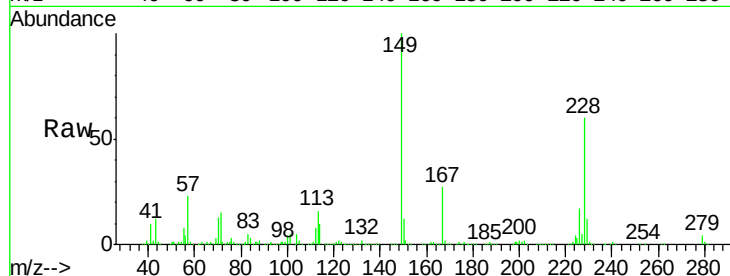




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.58 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

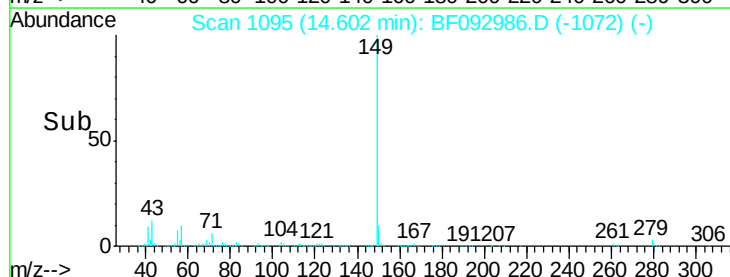
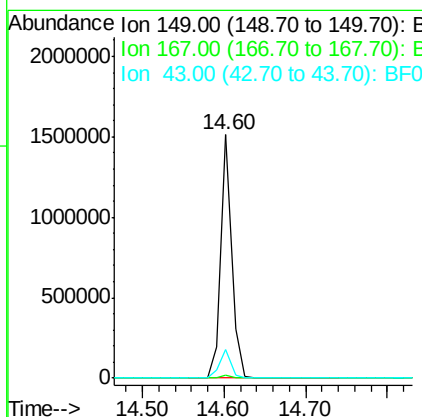
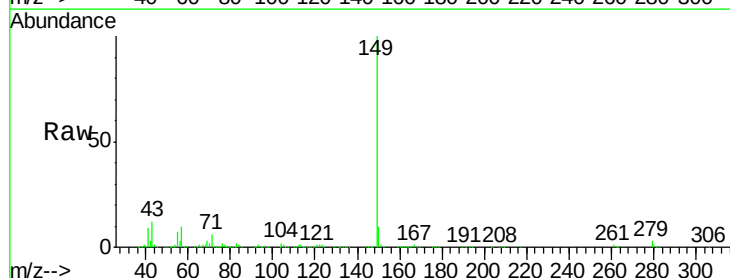
Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

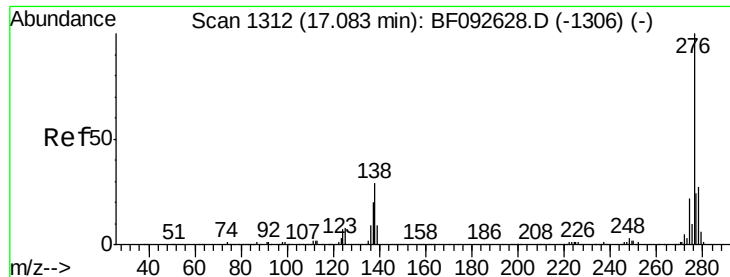
Tgt Ion:149 Resp: 836570
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.2 30.4
 279 3.7 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 42.62 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Tgt Ion:149 Resp: 1396145
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.7 8.9 13.3

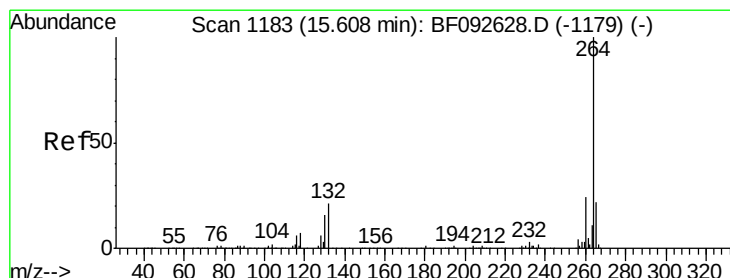
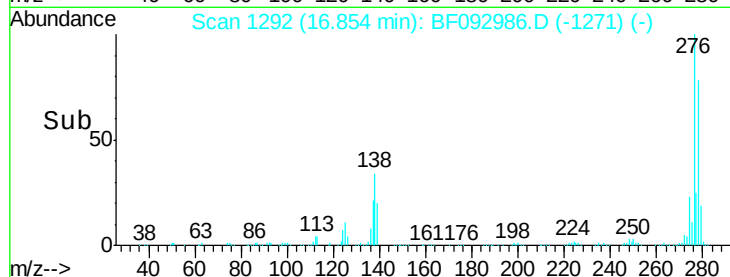
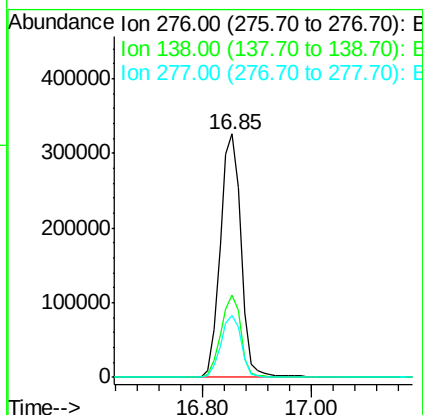
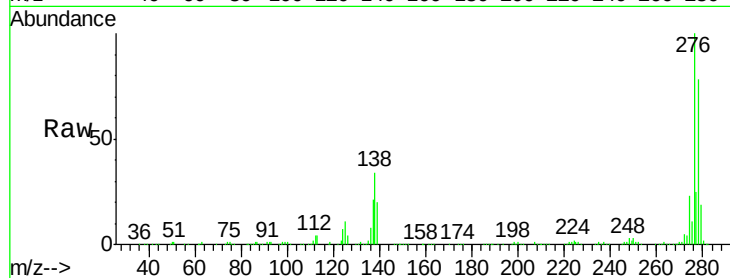




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.41 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

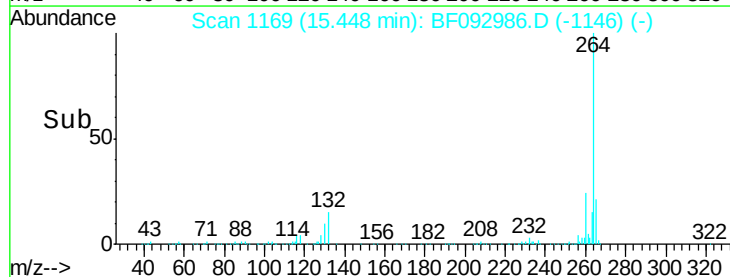
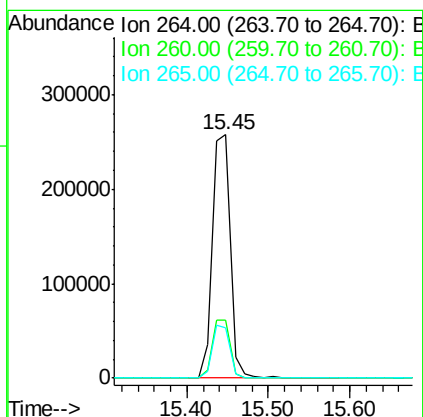
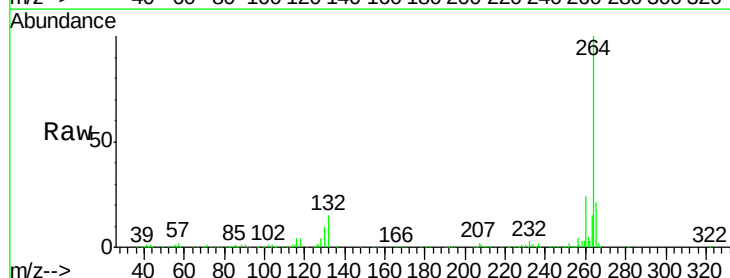
Instrument :
BNA_F
ClientSampleId :
PB96992BS

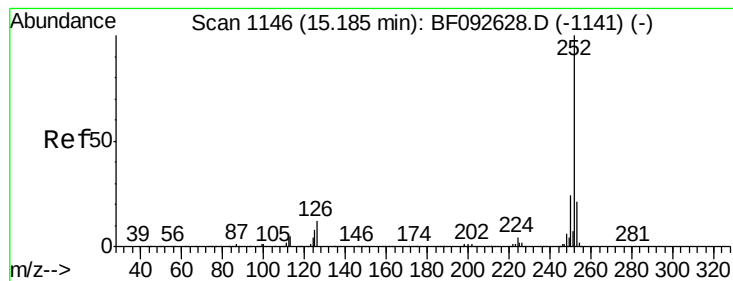
Tgt Ion: 276 Resp: 867737
Ion Ratio Lower Upper
276 100
138 32.9 21.8 32.6#
277 25.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion: 264 Resp: 396220
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 39.51 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

Instrument :

BNA_F

ClientSampleId :

PB96992BS

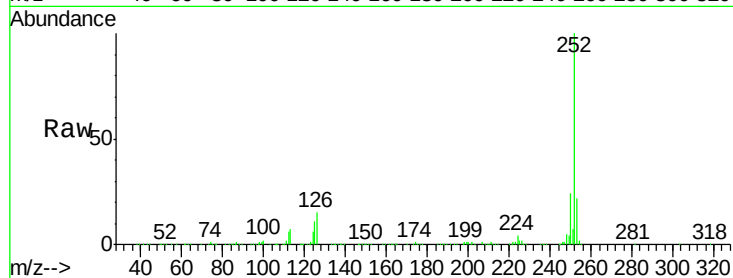
Tgt Ion:252 Resp: 1030333

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

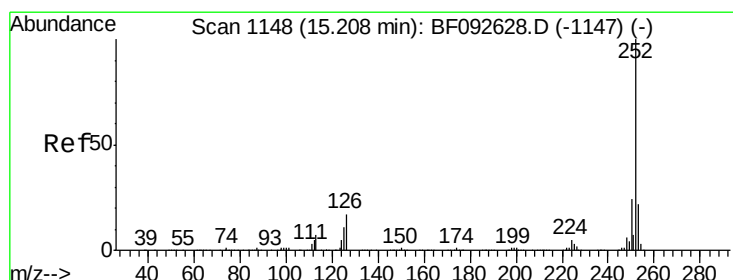
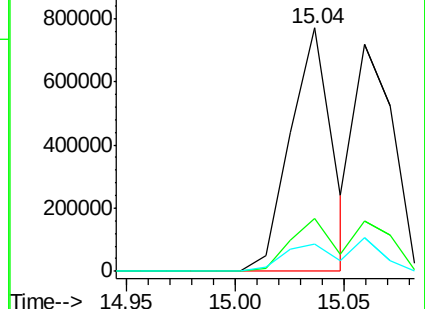
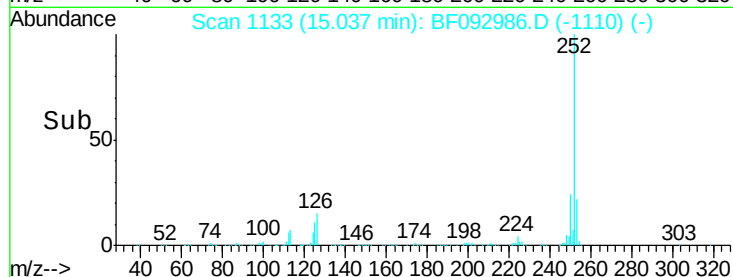
125 11.3 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 39.13 ng m

RT: 15.06 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF092986.D

Acq: 16 Feb 2017 17:41

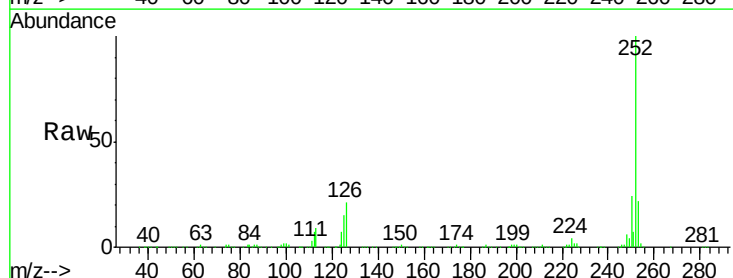
Tgt Ion:252 Resp: 881194

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

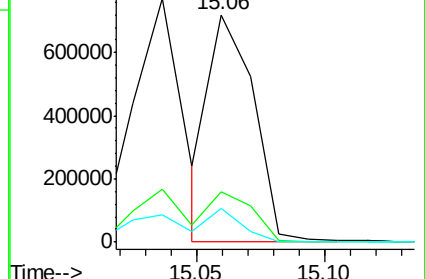
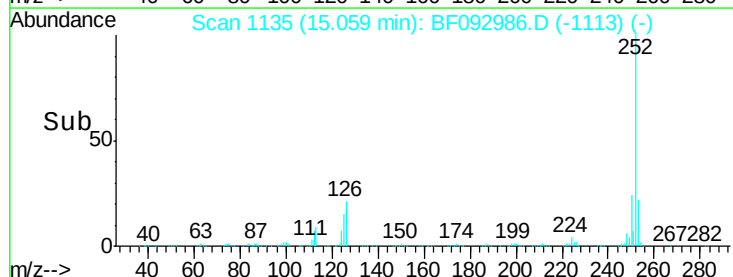
125 14.6 8.9 13.3#

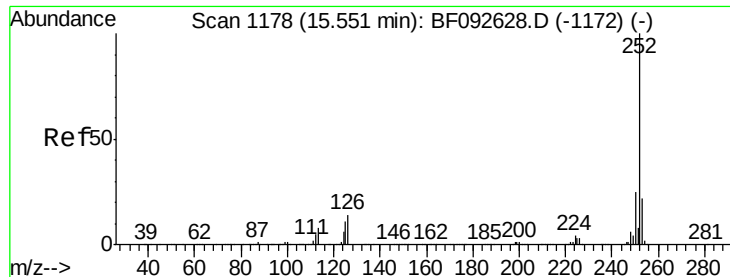


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

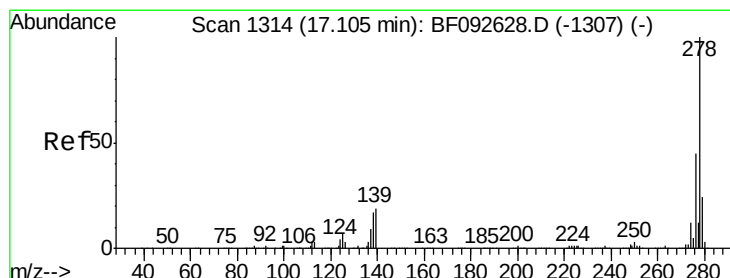
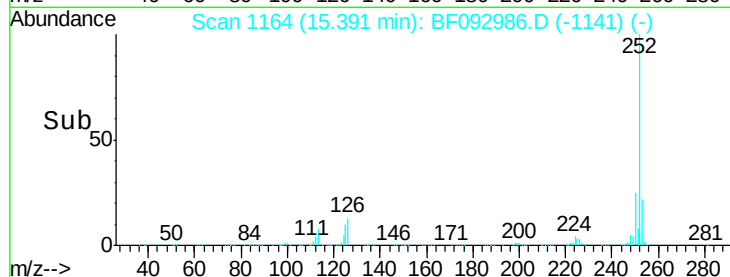
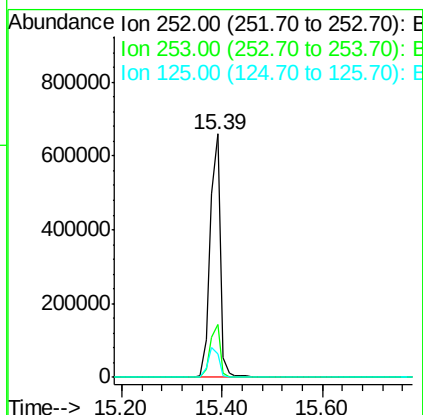
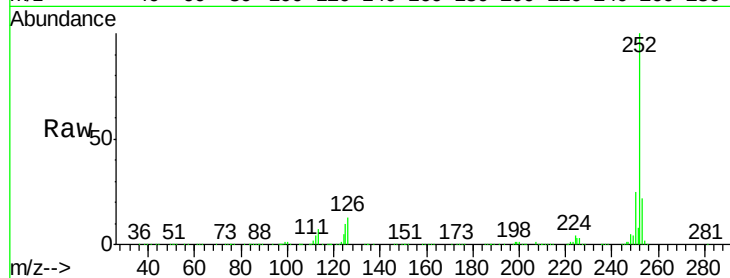




#89
Benzo(a)pyrene
Concen: 40.97 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

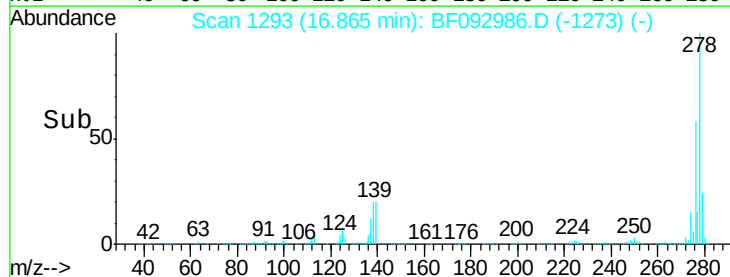
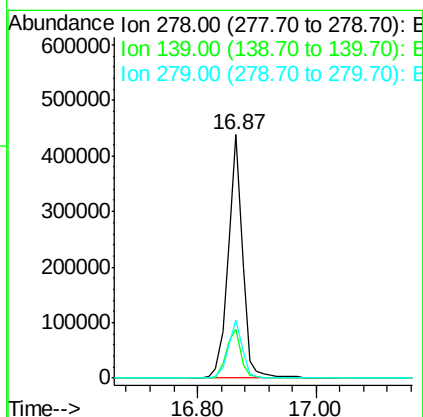
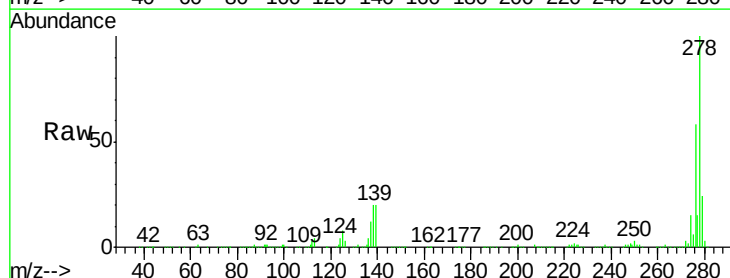
Instrument :
BNA_F
ClientSampleId :
PB96992BS

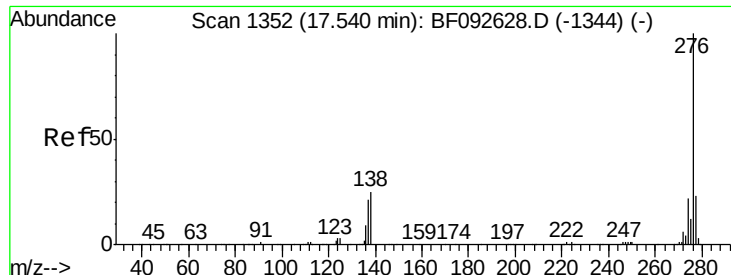
Tgt Ion:252 Resp: 924245
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 9.6 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 40.11 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.07 min
Lab File: BF092986.D
Acq: 16 Feb 2017 17:41

Tgt Ion:278 Resp: 731277
Ion Ratio Lower Upper
278 100
139 20.2 14.8 22.2
279 23.6 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 39.51 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.07 min
 Lab File: BF092986.D
 Acq: 16 Feb 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96992BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	27.4	16.0	24.0

