

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092075.D
 Acq On : 4 Jan 2017 18:34
 Operator : UM/SJ
 Sample : PB95751BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Quant Time: Jan 05 00:04:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	327109	20.00	ng	-0.04
21) Naphthalene-d8	7.94	136	1321741	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	570134	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	555526	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	437945	20.00	ng	-0.06
86) Perylene-d12	15.18	264	361240	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1689136	86.22	ng	-0.04
7) Phenol-d6	6.33	99	1974081	82.53	ng	-0.05
23) Nitrobenzene-d5	7.24	82	1297367	54.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	291150	61.71	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	1753427	59.08	ng	-0.05
78) Terphenyl-d14	12.77	244	1142631	63.28	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	222428	23.06	ng	# 94
3) Pyridine	2.88	79	581491	17.27	ng	96
4) n-Nitrosodimethylamine	2.84	42	284431	22.40	ng	96
6) Aniline	6.32	93	352581	11.35	ng	# 65
8) 2-Chlorophenol	6.46	128	573417	25.73	ng	86
9) Benzaldehyde	6.21	77	46140	2.36	ng	97
10) Phenol	6.34	94	825169	30.28	ng	# 70
11) bis(2-Chloroethyl)ether	6.40	93	568928	26.23	ng	95
12) 1,3-Dichlorobenzene	6.84	146	557511	23.44	ng	97
13) 1,4-Dichlorobenzene	6.68	146	592063	24.45	ng	99
14) 1,2-Dichlorobenzene	6.84	146	557829	26.55	ng	96
15) Benzyl Alcohol	6.82	79	479714	25.81	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	787724	24.39	ng	# 28
17) 2-Methylphenol	6.95	107	477529	26.64	ng	# 93
18) Hexachloroethane	7.17	117	226156	25.19	ng	# 88
19) n-Nitroso-di-n-propylamine	7.09	70	396085	24.89	ng	99
20) 3+4-Methylphenols	7.10	107	624168	29.20	ng	# 71
22) Acetophenone	7.08	105	841221	25.80	ng	94
24) Nitrobenzene	7.25	77	588056	23.23	ng	99
25) Isophorone	7.50	82	1149376	26.21	ng	98
26) 2-Nitrophenol	7.57	139	298928	23.94	ng	97
27) 2,4-Dimethylphenol	7.62	122	490369	23.68	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	747064	28.09	ng	99
29) 2,4-Dichlorophenol	7.82	162	458604	26.15	ng	89
30) 1,2,4-Trichlorobenzene	7.90	180	493975	25.71	ng	100
31) Naphthalene	7.97	128	1528446	25.27	ng	99
32) Benzoic acid	7.77	122	361228	23.52	ng	99
33) 4-Chloroaniline	8.02	127	203897	7.48	ng	97
34) Hexachlorobutadiene	8.09	225	268805	26.50	ng	99
35) Caprolactam	8.40	113	87986	15.27	ng	# 64
36) 4-Chloro-3-methylphenol	8.53	107	411756	20.41	ng	95
37) 2-Methylnaphthalene	8.66	142	894926	20.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	343457	23.84	ng	# 98
40) Hexachlorocyclopentadiene	8.81	237	335661	53.70	ng	96

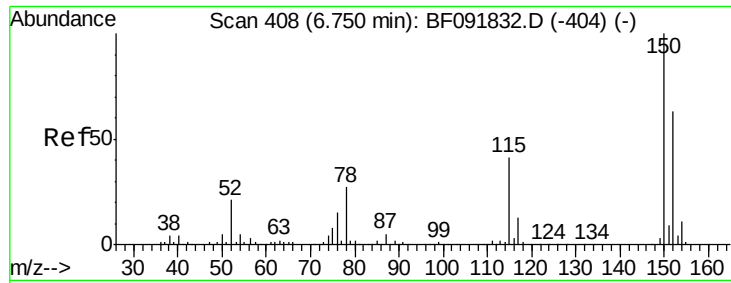
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	238695	23.69	ng	98
43) 2,4,5-Trichlorophenol	9.00	196	235205	22.69	ng	98
45) 1,1'-Biphenyl	9.13	154	935504	23.96	ng	98
46) 2-Chloronaphthalene	9.14	162	743256	24.04	ng	93
47) 2-Nitroaniline	9.25	65	263071	23.90	ng	94
48) Acenaphthylene	9.56	152	1119415	23.54	ng	99
49) Dimethylphthalate	9.44	163	950939	26.08	ng	99
50) 2,6-Dinitrotoluene	9.50	165	223689	28.03	ng	93
51) Acenaphthene	9.73	154	703358	21.82	ng	99
52) 3-Nitroaniline	9.66	138	100980	10.22	ng	93
53) 2,4-Dinitrophenol	9.77	184	208893	47.04	ng	# 57
54) Dibenzofuran	9.91	168	1345490	30.91	ng	91
55) 4-Nitrophenol	9.85	139	361217	53.86	ng	96
56) 2,4-Dinitrotoluene	9.90	165	301642	30.11	ng	# 79
57) Fluorene	10.24	166	843719	26.64	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	250868	30.60	ng	99
59) Diethylphthalate	10.14	149	1101254	31.10	ng	95
60) 4-Chlorophenyl-phenylether	10.24	204	401464	28.95	ng	96
61) 4-Nitroaniline	10.28	138	212768	20.79	ng	97
62) Azobenzene	10.40	77	1045469	26.81	ng	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	151794	45.19	ng	80
65) n-Nitrosodiphenylamine	10.37	169	848004	51.44	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	147030	25.44	ng	# 78
67) Hexachlorobenzene	10.79	284	149070	24.13	ng	# 84
68) Atrazine	10.89	200	135096	25.41	ng	95
69) Pentachlorophenol	11.00	266	162354	53.57	ng	98
70) Phenanthrene	11.20	178	795171	26.40	ng	98
71) Anthracene	11.25	178	735830	23.53	ng	99
72) Carbazole	11.42	167	695612	23.06	ng	96
73) Di-n-butylphthalate	11.75	149	867490	28.93	ng	98
74) Fluoranthene	12.38	202	738452	26.36	ng	97
76) Benzidine	12.52	184	202504	14.61	ng	95
77) Pyrene	12.61	202	758812	23.62	ng	99
79) Butylbenzylphthalate	13.24	149	346768	23.73	ng	95
80) Benzo(a)anthracene	13.80	228	676736	27.38	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	118094	12.60	ng	# 96
82) Chrysene	13.83	228	522561	21.07	ng	99
83) Bis(2-ethylhexyl)phthalate	13.81	149	493987	28.70	ng	# 98
84) Di-n-octyl phthalate	14.41	149	820856	25.75	ng	98
85) Indeno(1,2,3-cd)pyrene	16.46	276	532201	24.77	ng	# 93
87) Benzo(b)fluoranthene	14.83	252	1098141	48.83	ng	# 96
88) Benzo(k)fluoranthene	14.83	252	1098141	57.26	ng	97
89) Benzo(a)pyrene	15.12	252	513105	25.70	ng	# 97
90) Dibenzo(a,h)anthracene	16.47	278	441236	26.89	ng	# 95
91) Benzo(g,h,i)perylene	16.85	276	438099	25.68	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092075.D

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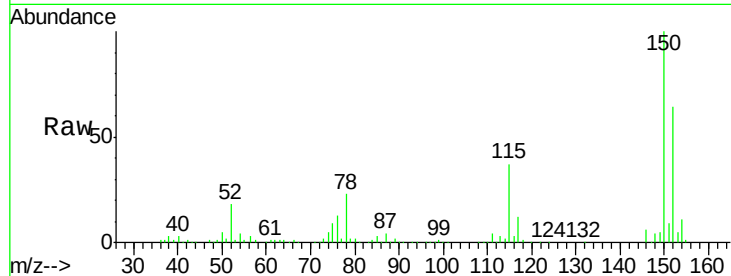
Tgt Ion:152 Resp: 327109

Ion Ratio Lower Upper

152 100

150 155.1 124.9 187.3

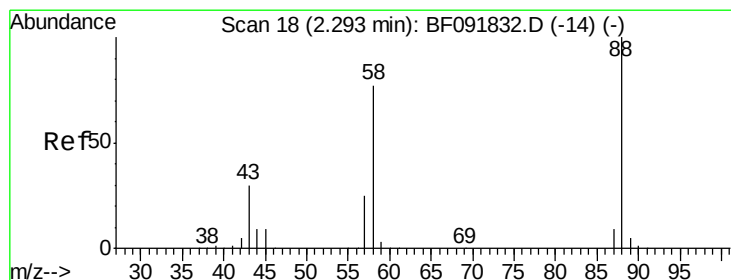
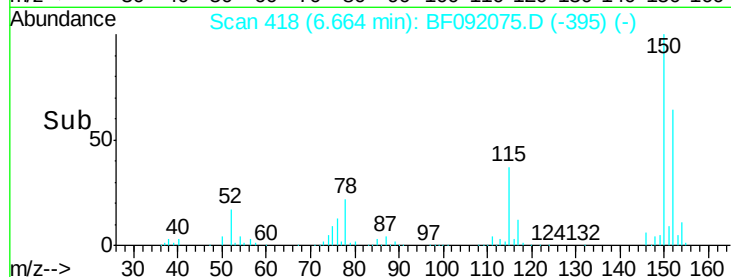
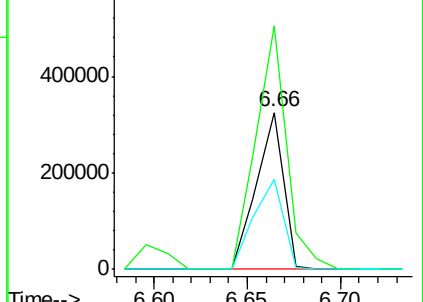
115 57.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.06 ng

RT: 2.23 min Scan# 30

Delta R.T. 0.04 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

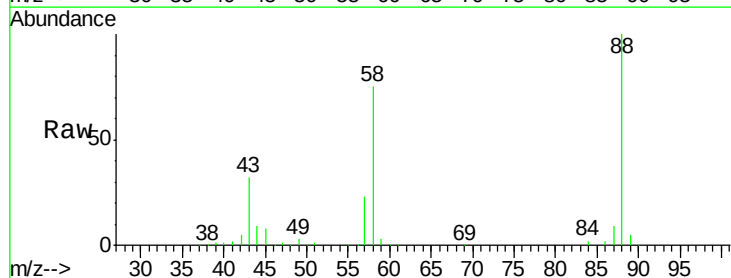
Tgt Ion: 88 Resp: 222428

Ion Ratio Lower Upper

88 100

58 76.1 57.8 86.8

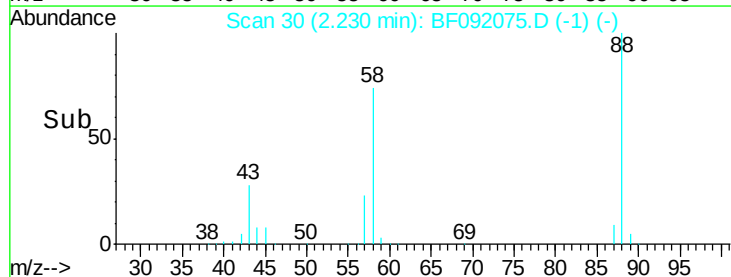
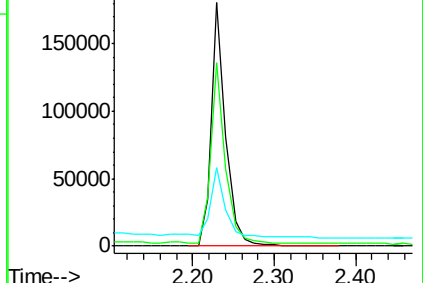
43 33.9 22.3 33.5#

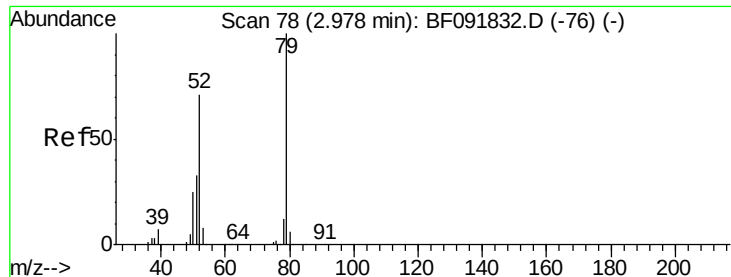


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 17.27 ng

RT: 2.88 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

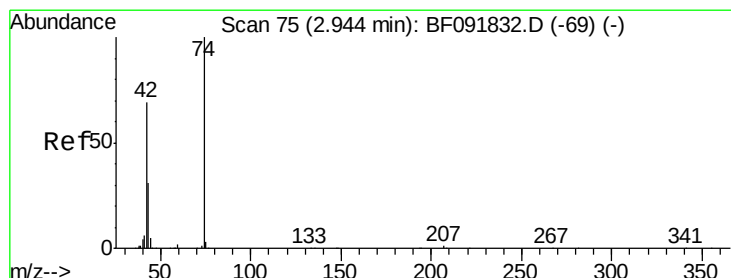
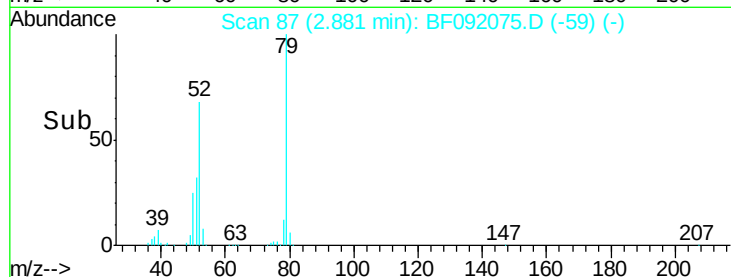
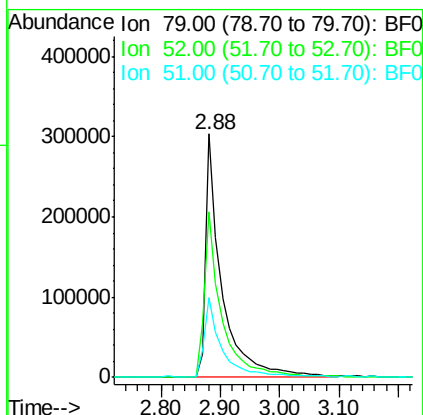
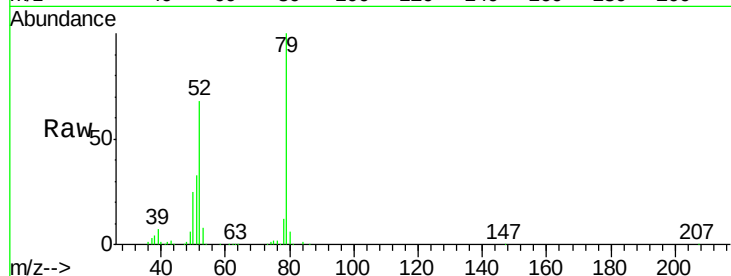
Tgt Ion: 79 Resp: 581491

Ion Ratio Lower Upper

79 100

52 67.8 57.1 85.7

51 32.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 22.40 ng

RT: 2.84 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

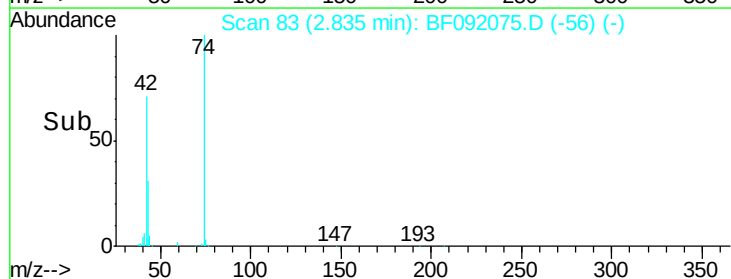
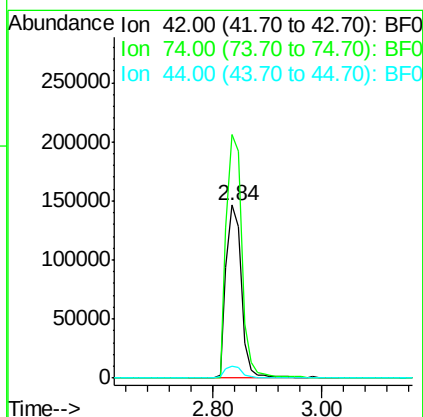
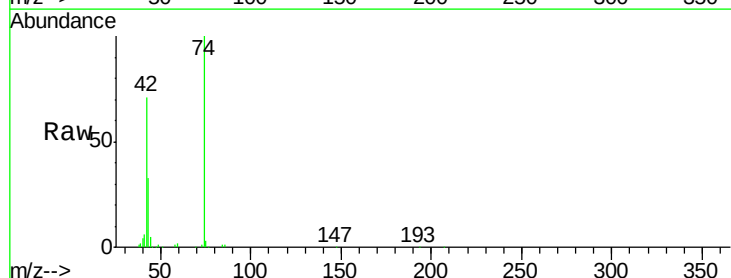
Tgt Ion: 42 Resp: 284431

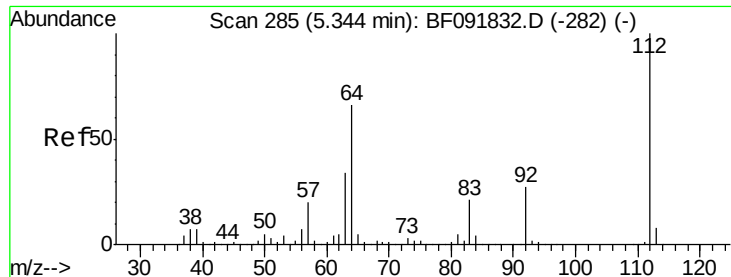
Ion Ratio Lower Upper

42 100

74 140.7 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 86.22 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

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PB95751BS

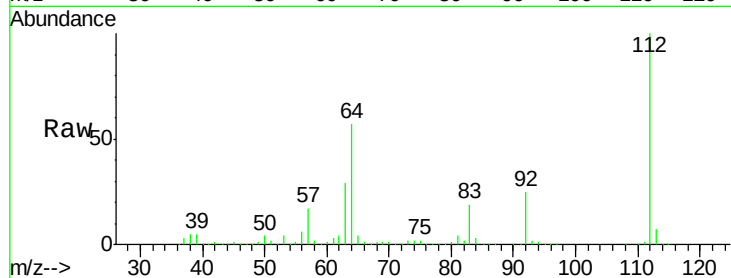
Tgt Ion: 112 Resp: 1689136

Ion Ratio Lower Upper

112 100

64 56.6 46.1 69.1

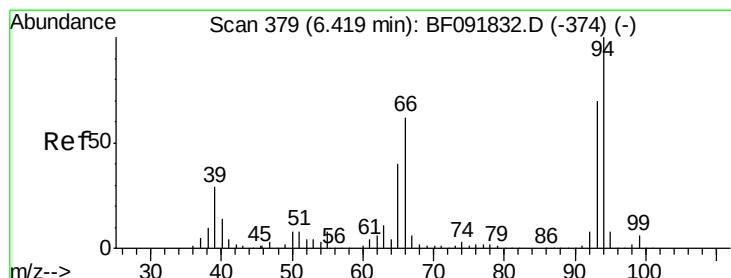
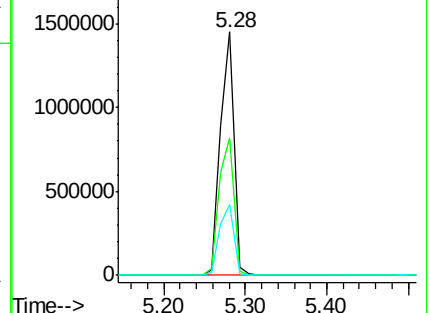
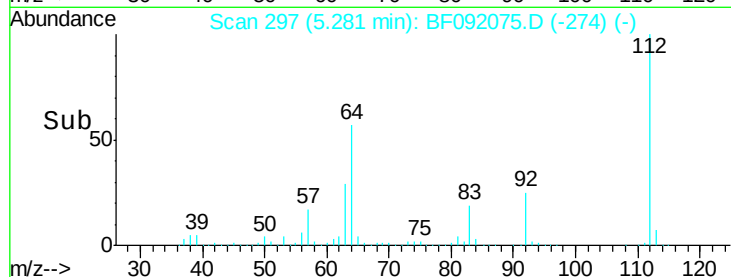
63 29.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.35 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

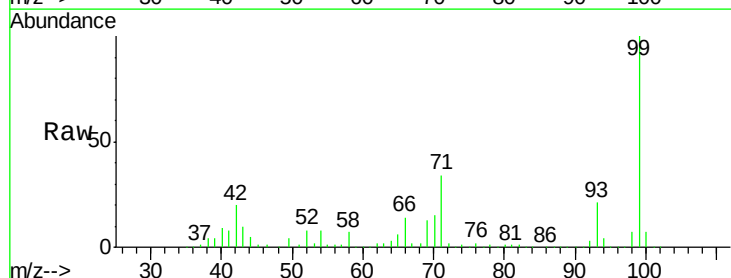
Tgt Ion: 93 Resp: 352581

Ion Ratio Lower Upper

93 100

66 66.7 76.2 114.2#

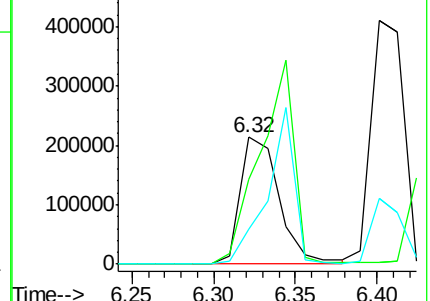
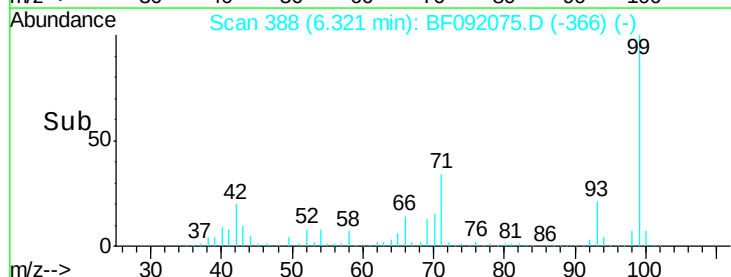
65 27.6 49.3 73.9#

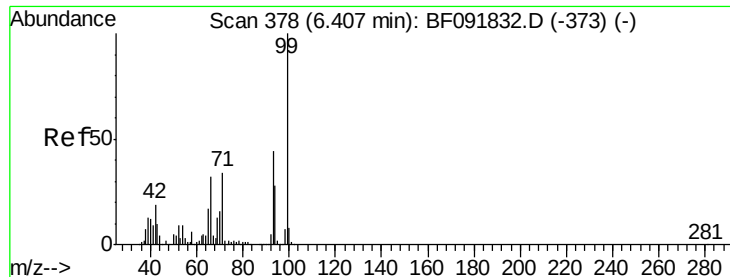


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.53 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

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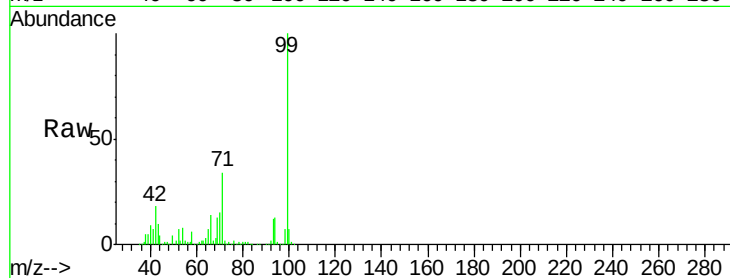
Tgt Ion: 99 Resp: 1974081

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

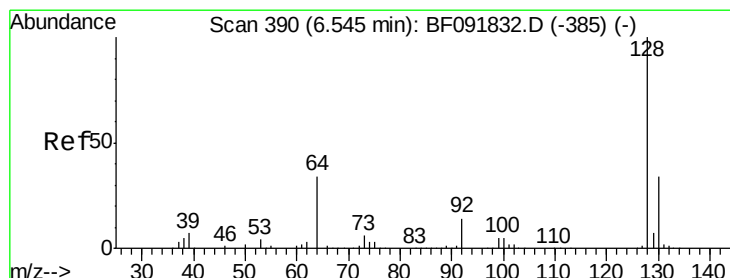
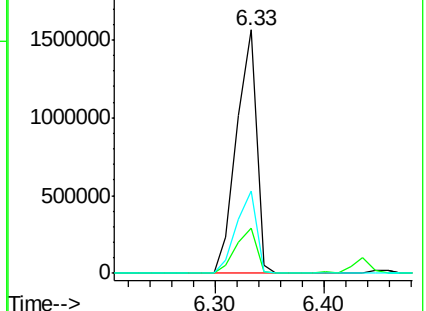
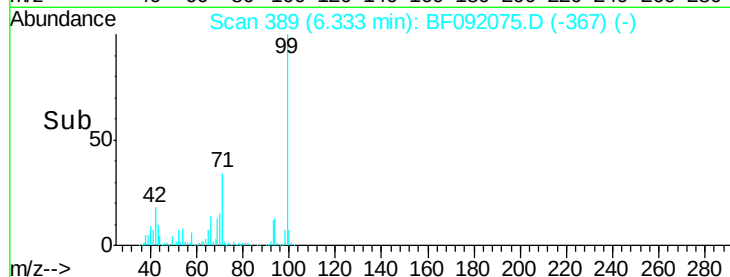
71 33.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 25.73 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.04 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

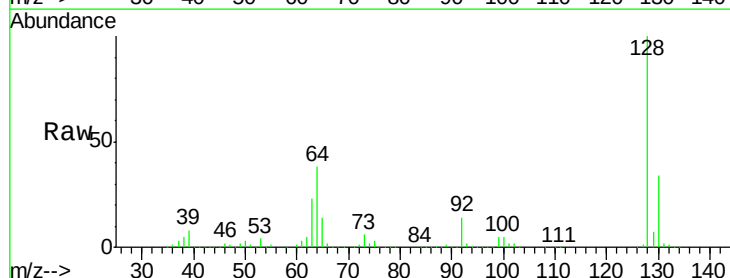
Tgt Ion: 128 Resp: 573417

Ion Ratio Lower Upper

128 100

130 34.5 12.3 52.3

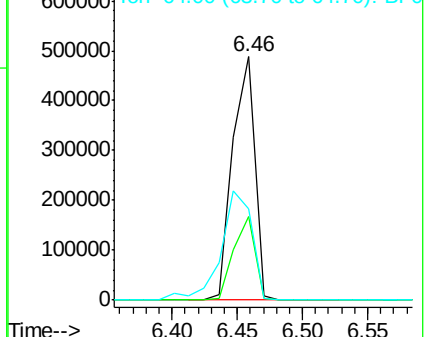
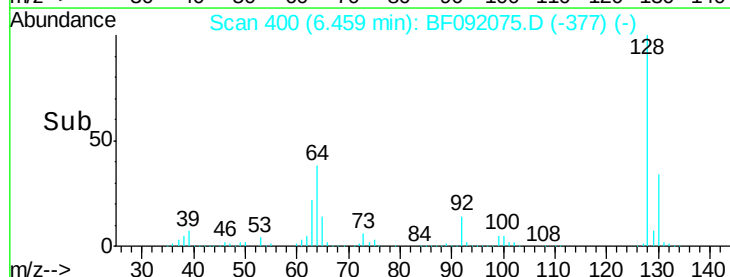
64 37.7 32.2 72.2

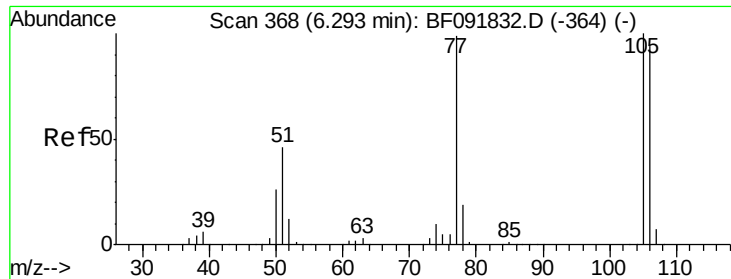


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.36 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

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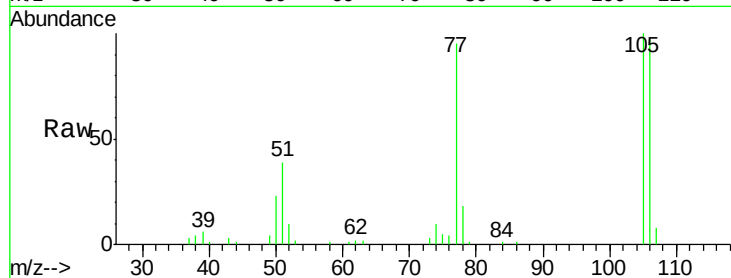
Tgt Ion: 77 Resp: 46140

Ion Ratio Lower Upper

77 100

105 105.7 83.9 123.9

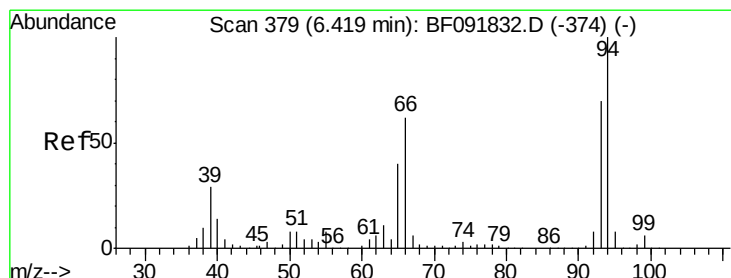
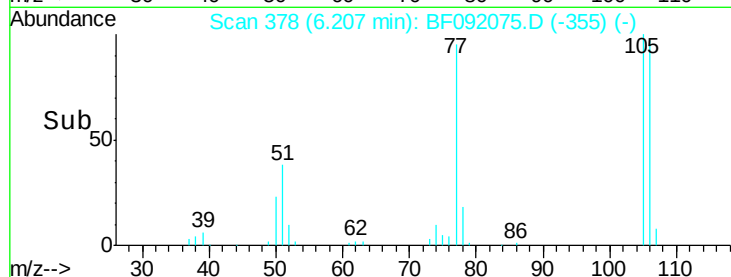
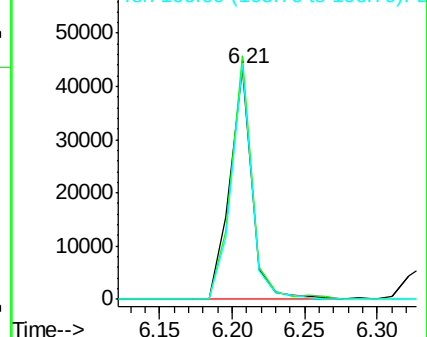
106 102.1 77.6 117.6



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: 30.28 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

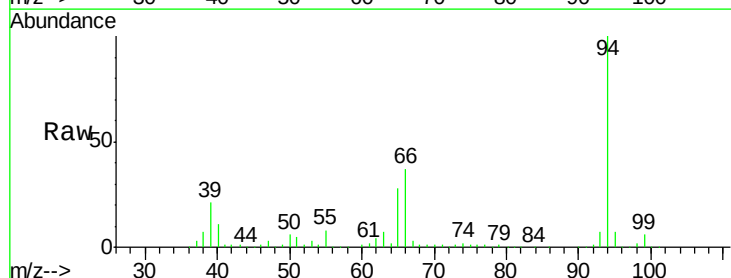
Tgt Ion: 94 Resp: 825169

Ion Ratio Lower Upper

94 100

65 28.0 21.4 61.4

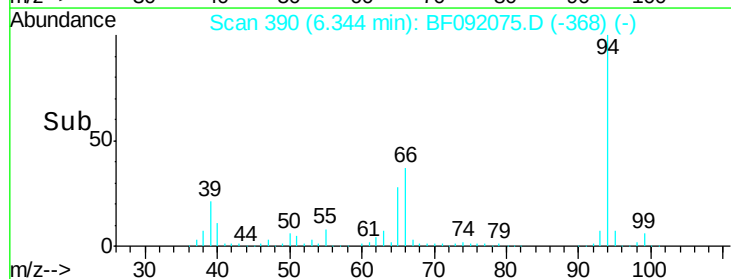
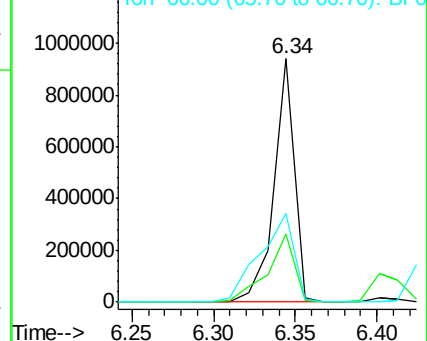
66 36.6 44.0 84.0#

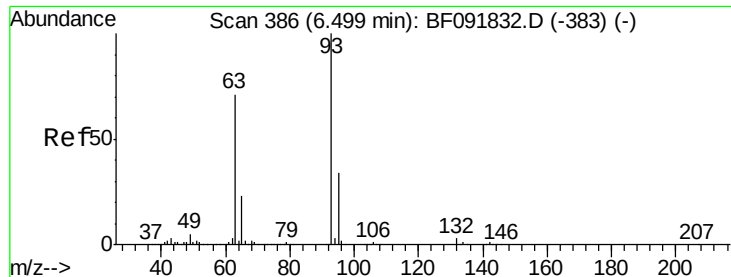


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

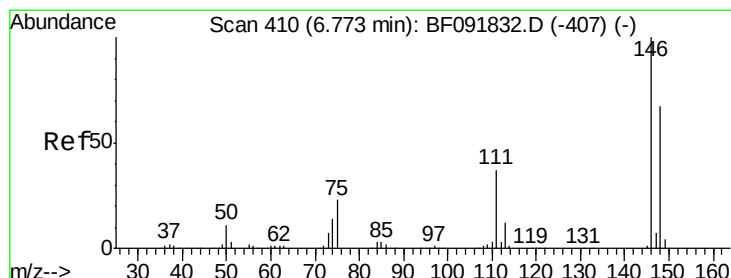
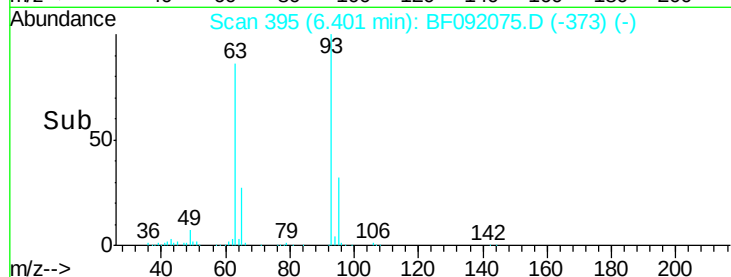
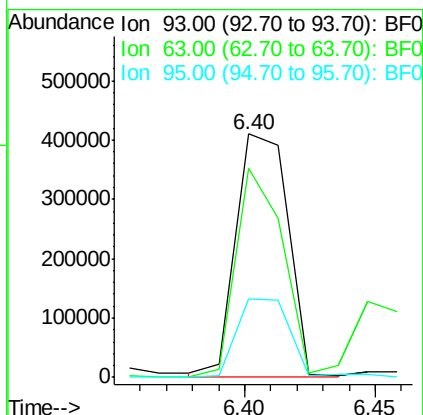
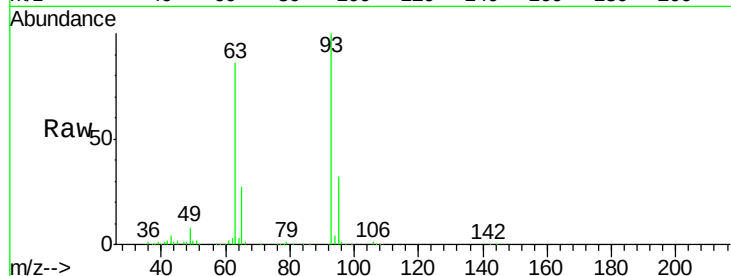




#11
bis(2-Chloroethyl)ether
Concen: 26.23 ng
RT: 6.40 min Scan# 395
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

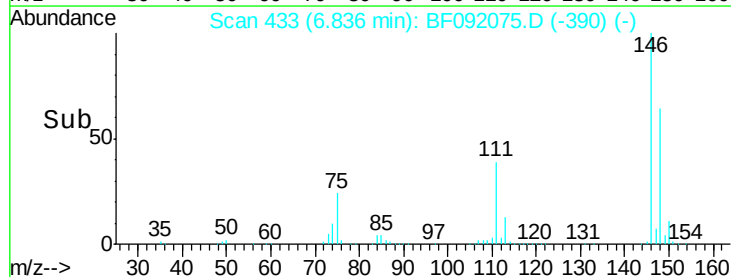
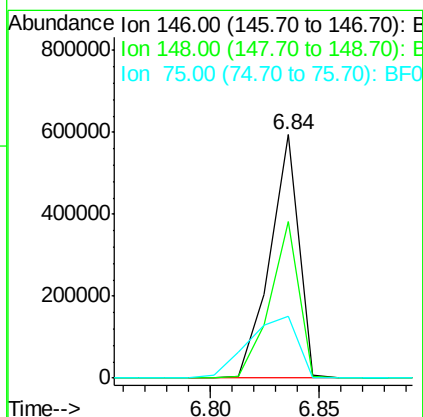
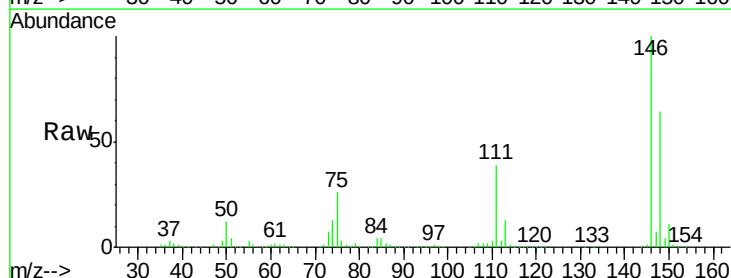
Instrument :
BNA_F
ClientSampleId :
PB95751BS

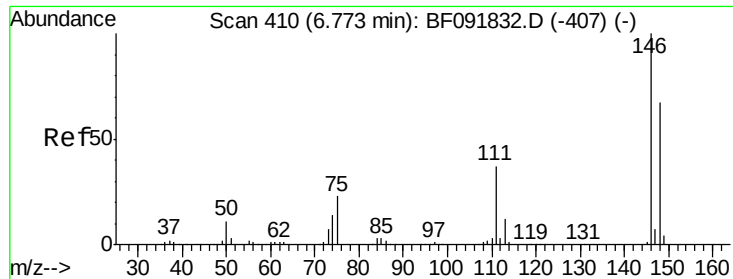
Tgt Ion: 93 Resp: 568928
Ion Ratio Lower Upper
93 100
63 86.0 60.4 100.4
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 23.44 ng
RT: 6.84 min Scan# 433
Delta R.T. 0.19 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion: 146 Resp: 557511
Ion Ratio Lower Upper
146 100
148 64.3 53.4 80.0
75 25.5 18.5 27.7

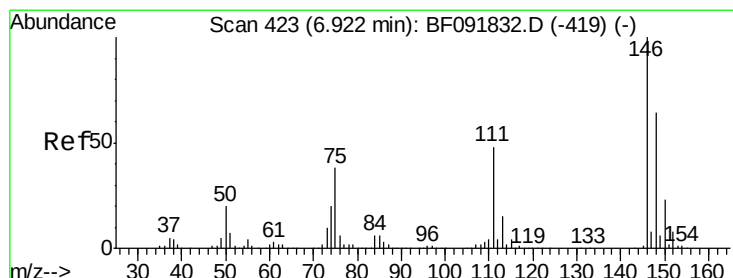
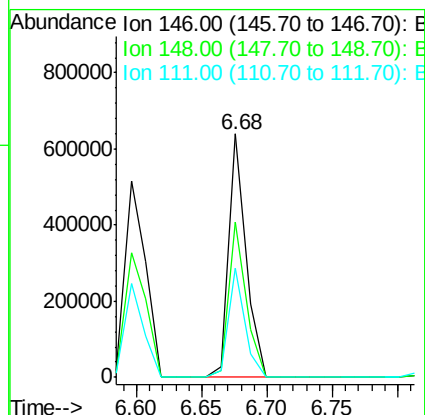
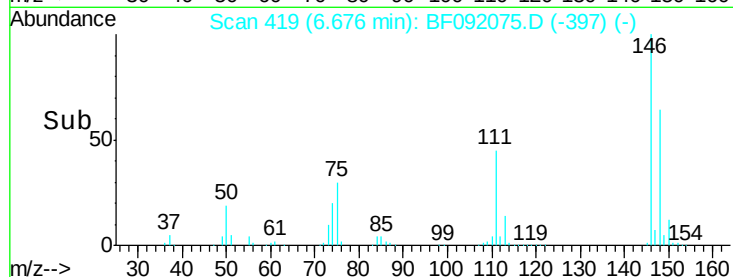
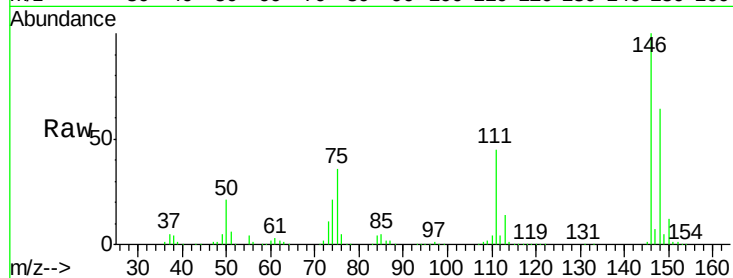




#13
 1,4-Dichlorobenzene
 Concen: 24.45 ng
 RT: 6.68 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

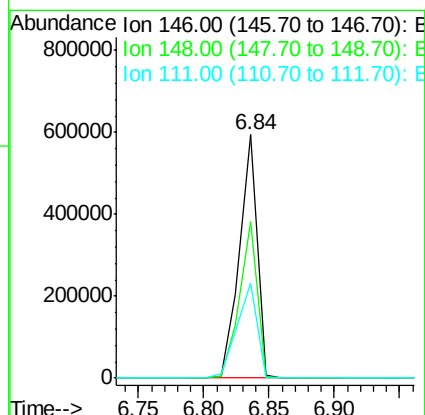
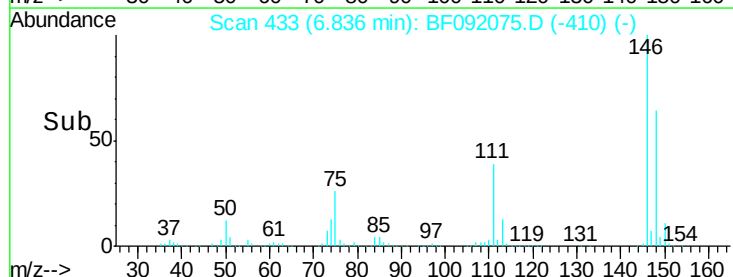
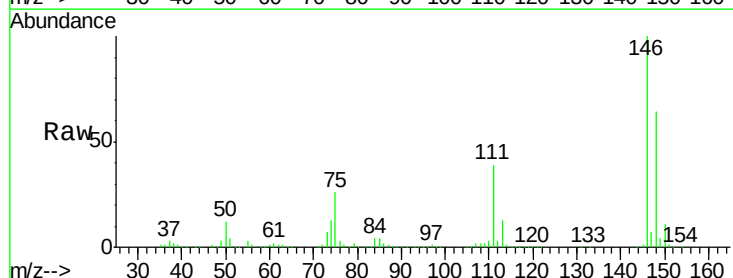
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

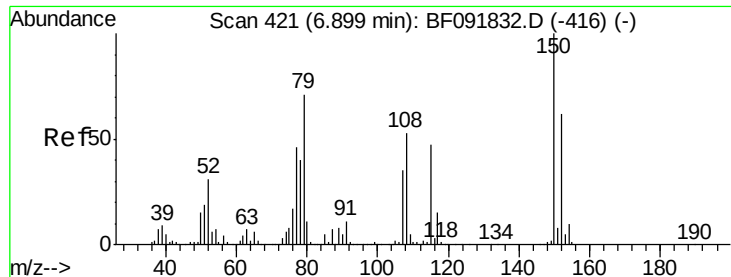
Tgt Ion:146 Resp: 592063
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 76.0
 111 45.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 26.55 ng
 RT: 6.84 min Scan# 433
 Delta R.T. -0.04 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion:146 Resp: 557829
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 39.3 36.2 54.2





#15

Benzyl Alcohol

Concen: 25.81 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.04 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

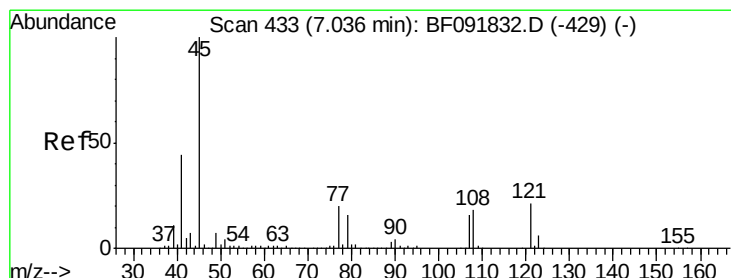
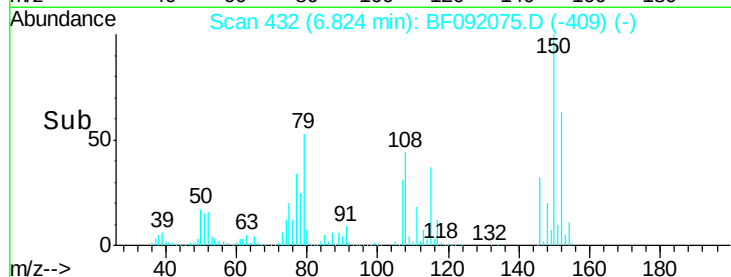
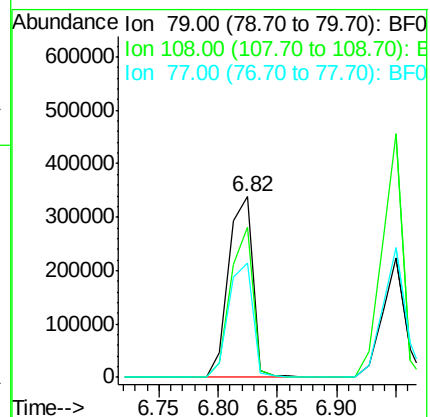
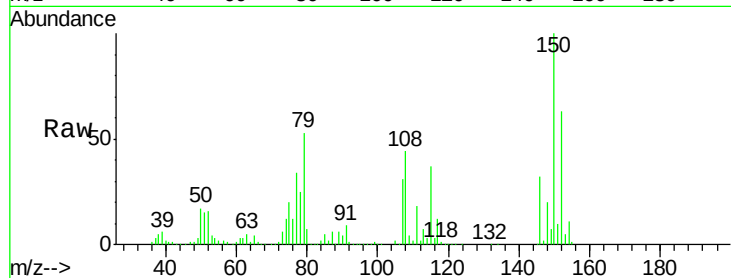
Tgt Ion: 79 Resp: 479714

Ion Ratio Lower Upper

79 100

108 82.9 61.4 92.0

77 63.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.39 ng

RT: 6.95 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

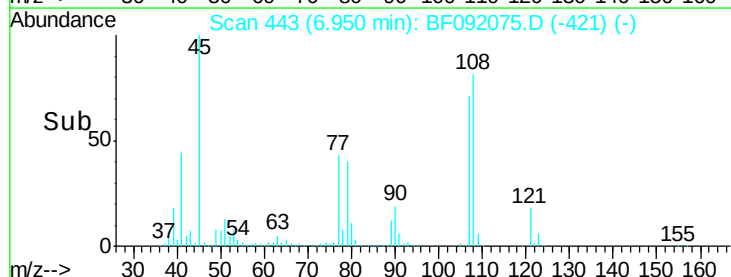
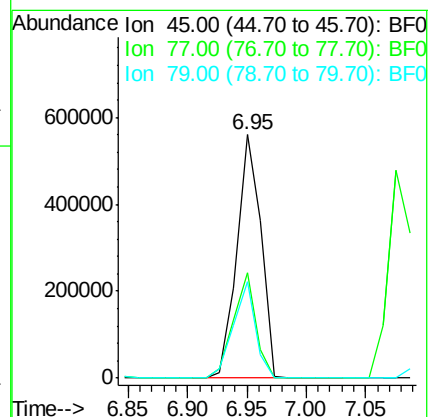
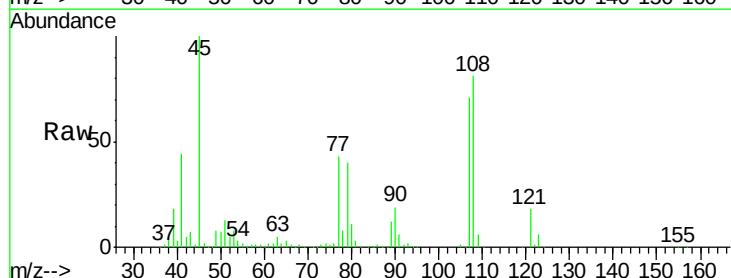
Tgt Ion: 45 Resp: 787724

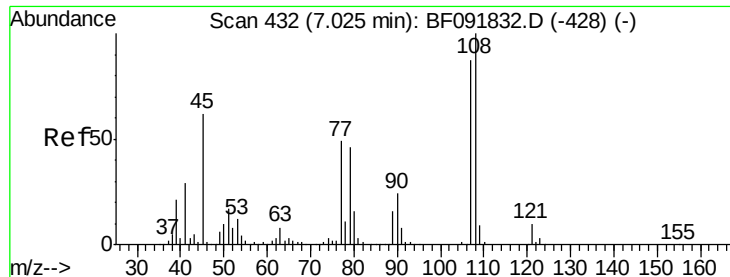
Ion Ratio Lower Upper

45 100

77 43.3 0.0 34.6#

79 39.8 0.0 31.2#

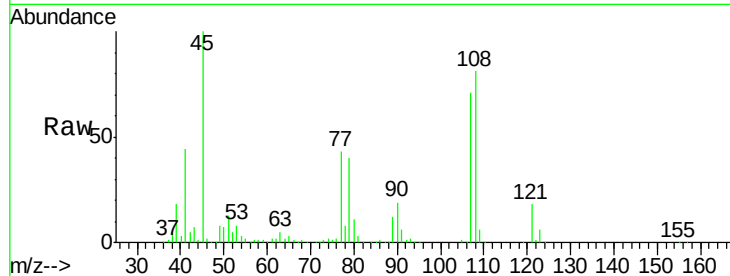




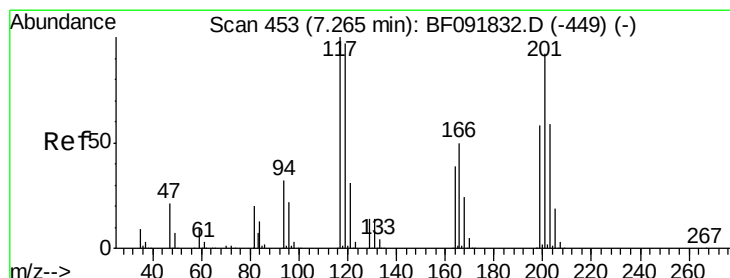
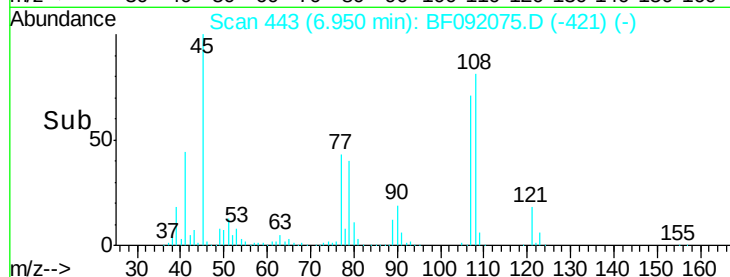
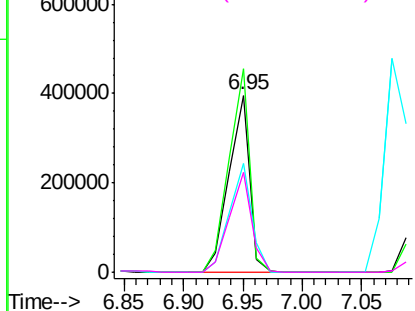
#17
2-Methylphenol
Concen: 26.64 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tgt Ion:107 Resp: 477529
Ion Ratio Lower Upper
107 100
108 115.1 93.0 139.6
77 61.3 39.8 59.8#
79 56.3 38.0 57.0

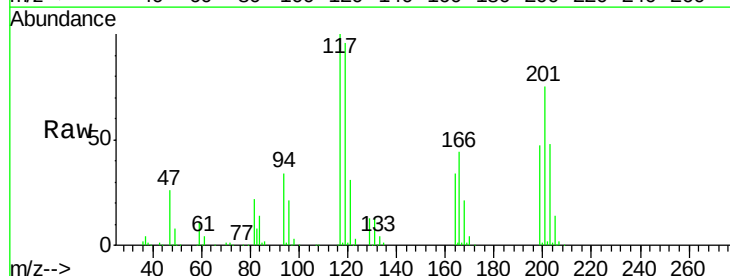


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

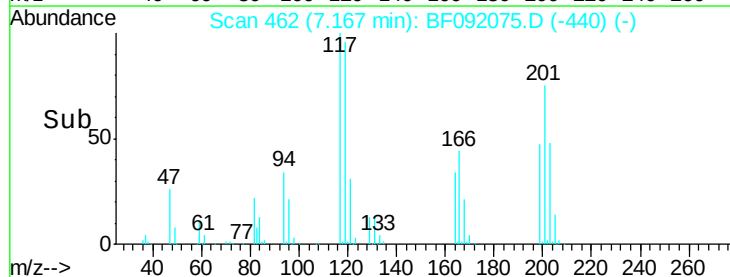
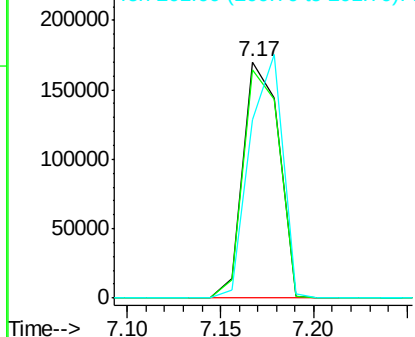


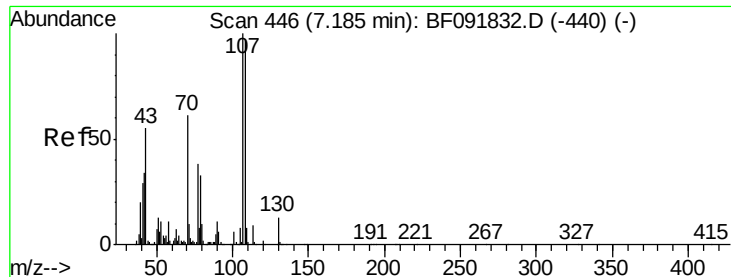
#18
Hexachloroethane
Concen: 25.19 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion:117 Resp: 226156
Ion Ratio Lower Upper
117 100
119 96.4 78.1 117.1
201 75.4 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

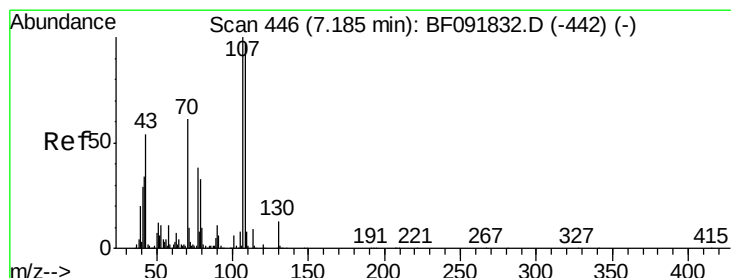
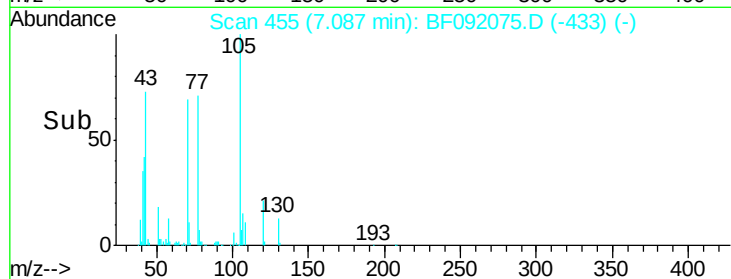
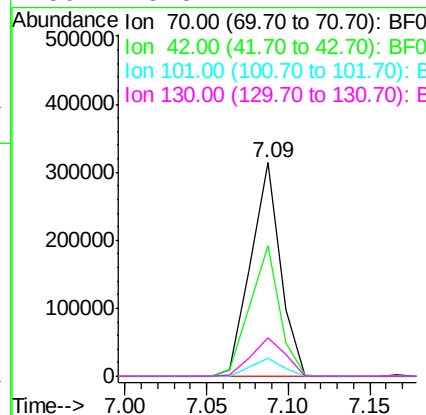
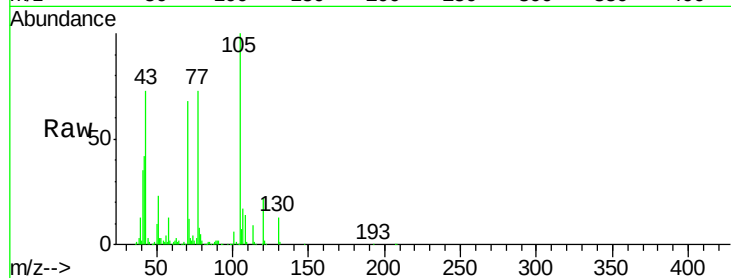




#19
n-Nitroso-di-n-propylamine
Concen: 24.89 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

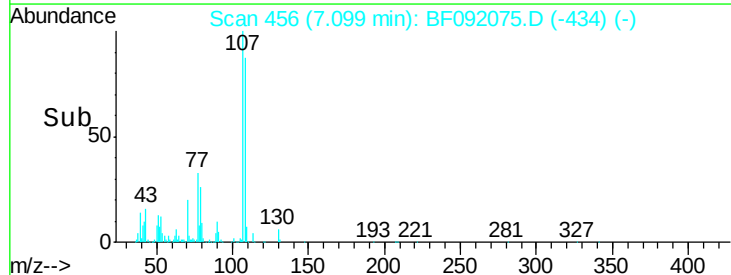
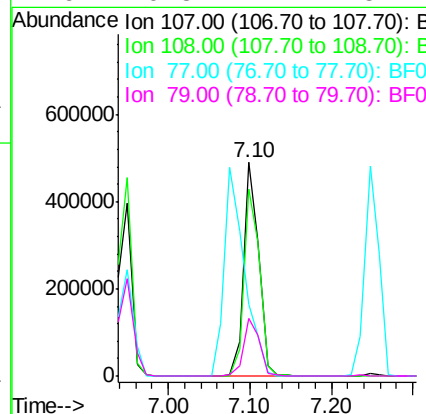
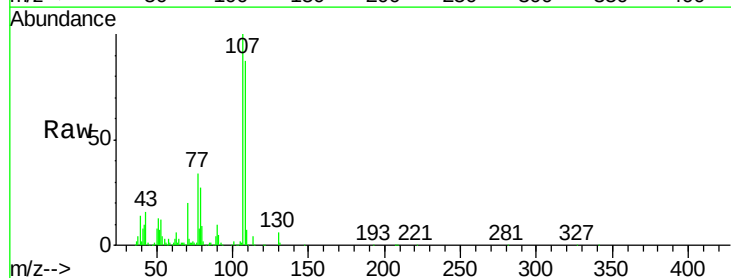
Instrument :
BNA_F
ClientSampleId :
PB95751BS

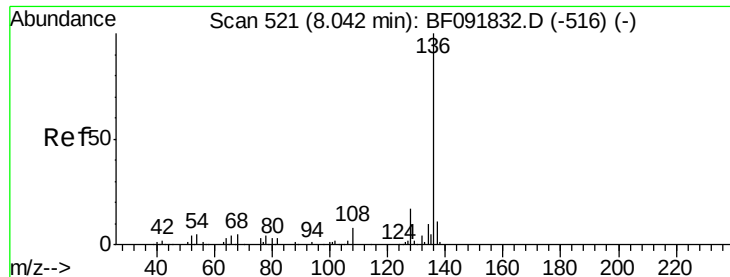
Tgt Ion:	70	Resp:	396085
Ion	Ratio	Lower	Upper
70	100		
42	61.1	49.4	74.0
101	8.7	7.4	11.2
130	18.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 29.20 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion:	107	Resp:	624168
Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.0	113.0
77	33.8	71.3	111.3#
79	26.8	11.1	51.1



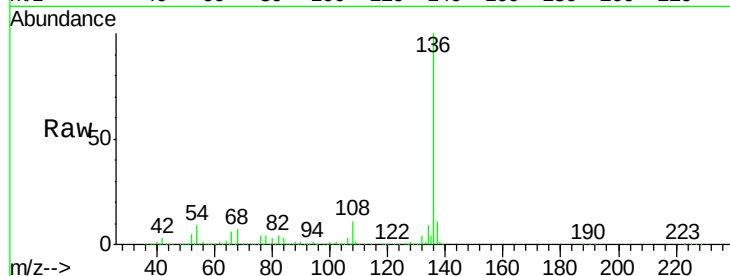


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

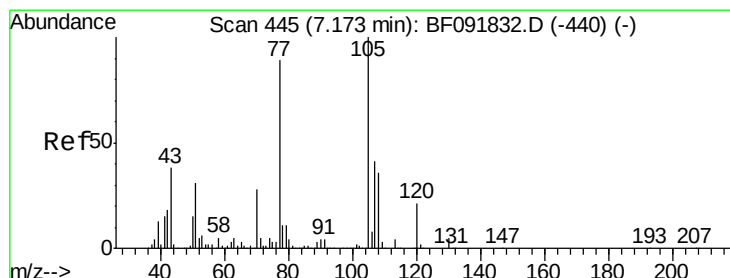
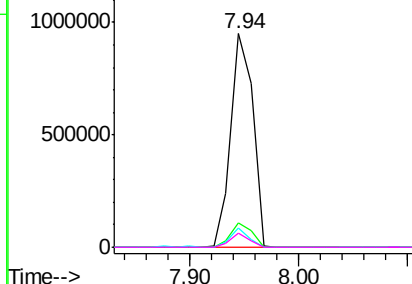
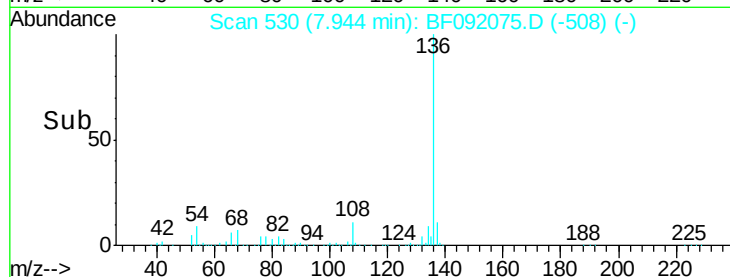
Instrument :
BNA_F
ClientSampled :
PB95751BS

Tgt Ion:136 Resp: 1321741

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.0	4.5	6.7#
68	6.9	3.6	5.4#



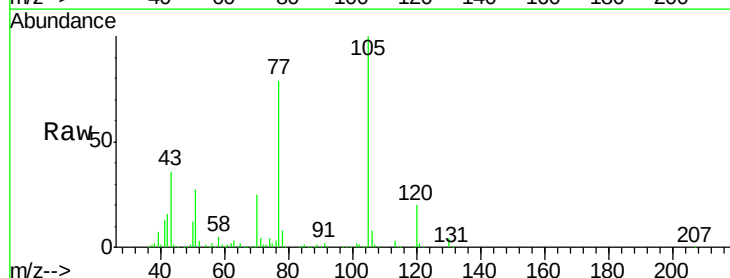
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



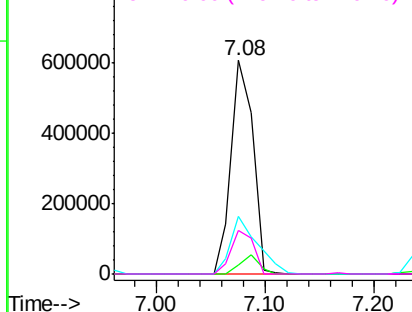
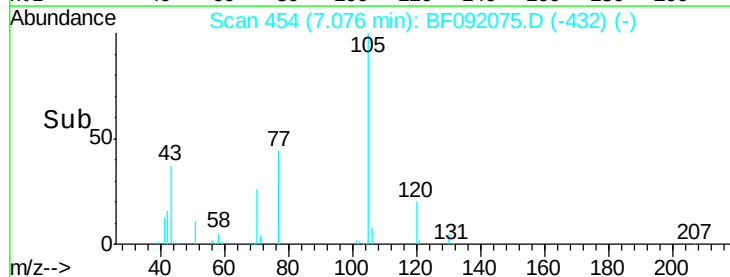
#22
Acetophenone
Concen: 25.80 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

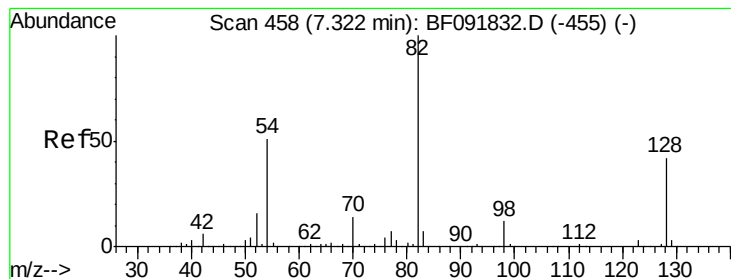
Tgt Ion:105 Resp: 841221

Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.2	4.8
51	27.3	26.2	39.4
120	20.3	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 54.58 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

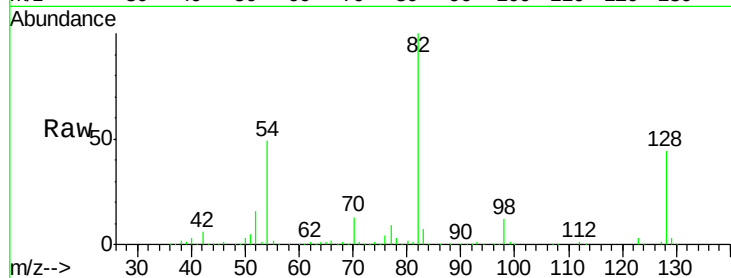
BNA_F

ClientSampleId :

PB95751BS

Tgt Ion: 82 Resp: 1297367

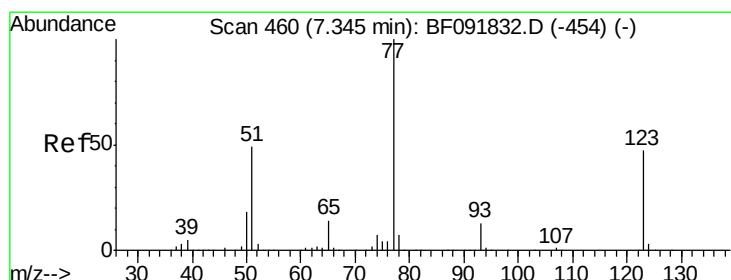
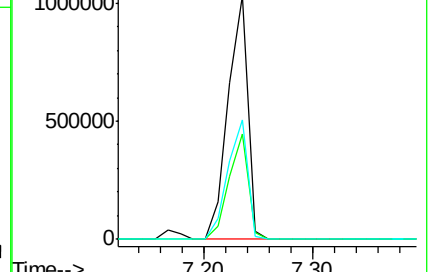
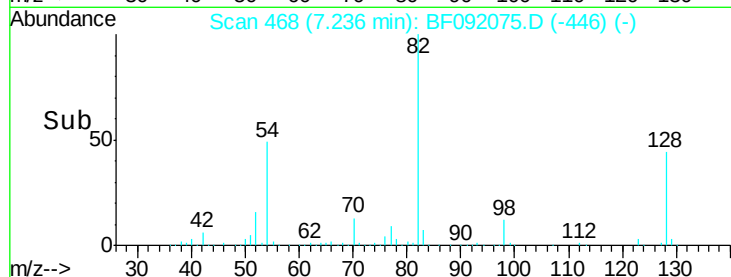
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	49.3	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 23.23 ng

RT: 7.25 min Scan# 469

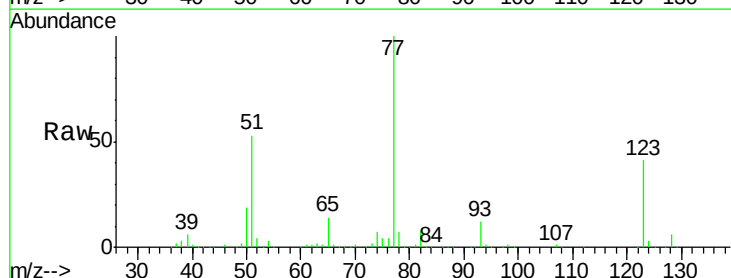
Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Tgt Ion: 77 Resp: 588056

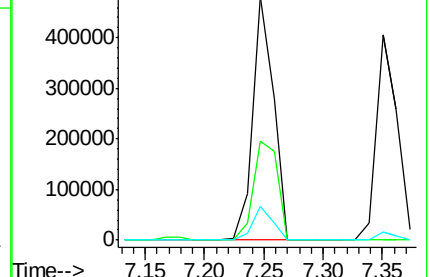
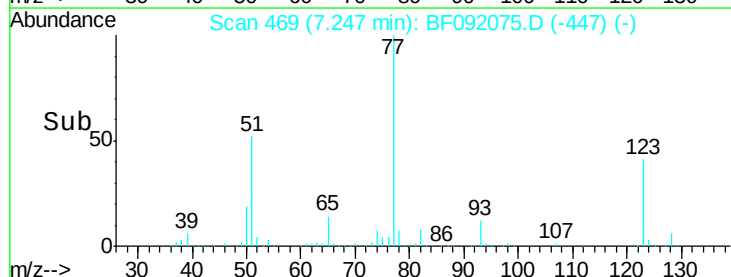
Ion	Ratio	Lower	Upper
77	100		
123	40.7	33.0	49.4
65	13.8	11.2	16.8

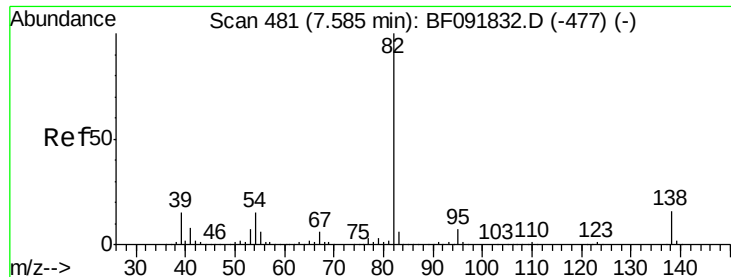


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

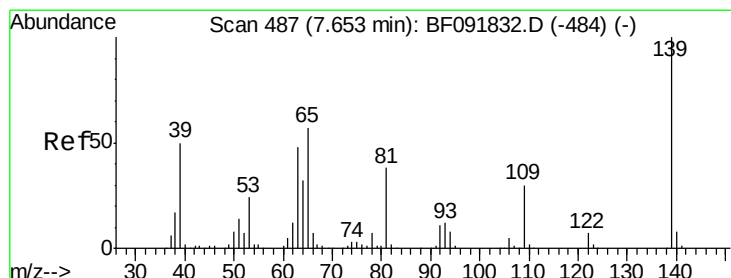
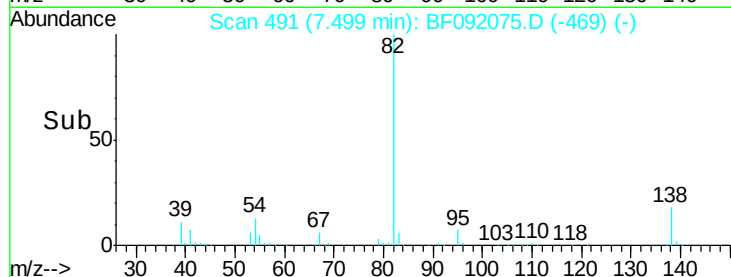
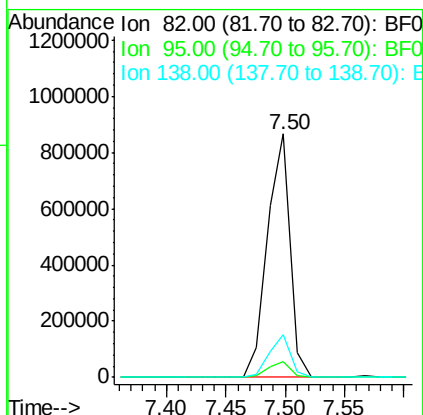
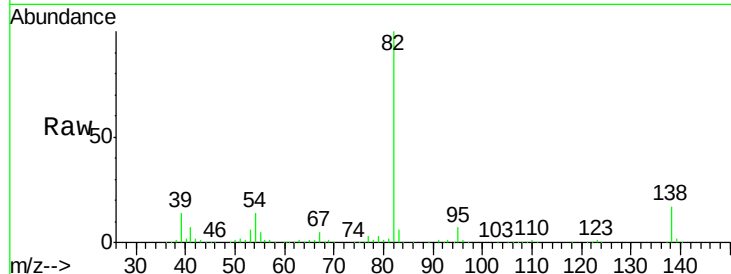




#25
Isophorone
Concen: 26.21 ng
RT: 7.50 min Scan# 491
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

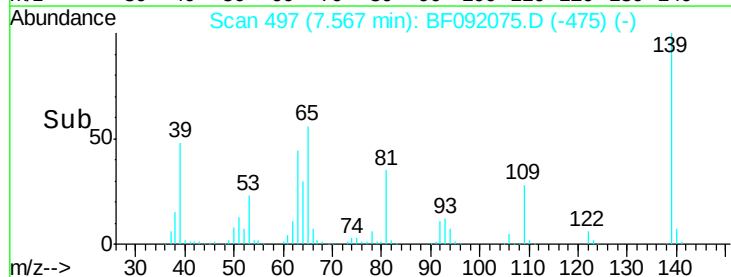
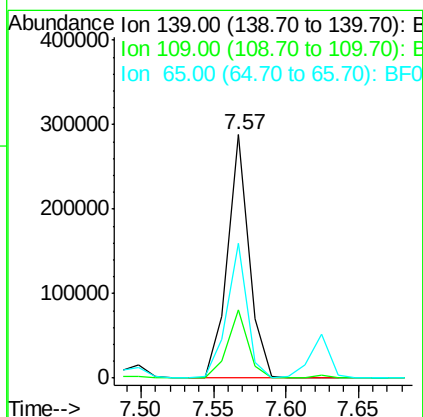
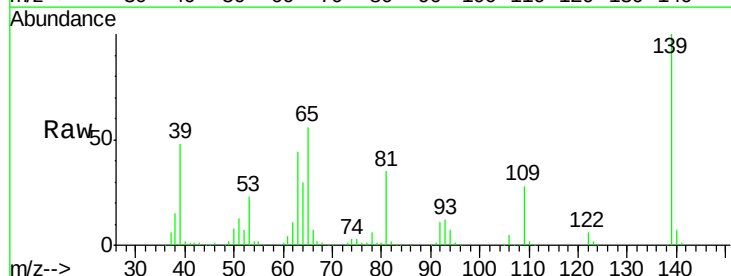
Instrument :
BNA_F
ClientSampleId :
PB95751BS

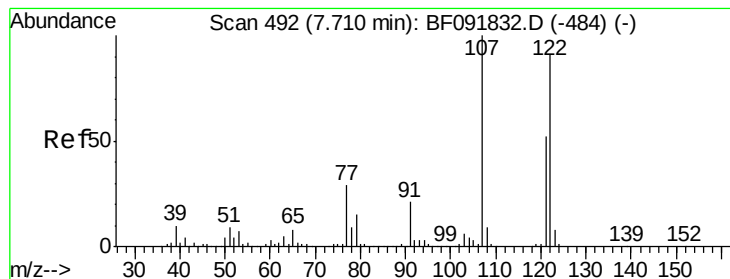
Tgt Ion: 82 Resp: 1149376
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 17.4 14.6 22.0



#26
2-Nitrophenol
Concen: 23.94 ng
RT: 7.57 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion: 139 Resp: 298928
Ion Ratio Lower Upper
139 100
109 28.1 23.3 34.9
65 55.5 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 23.68 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

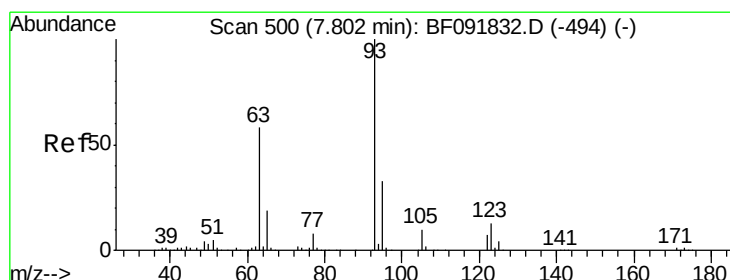
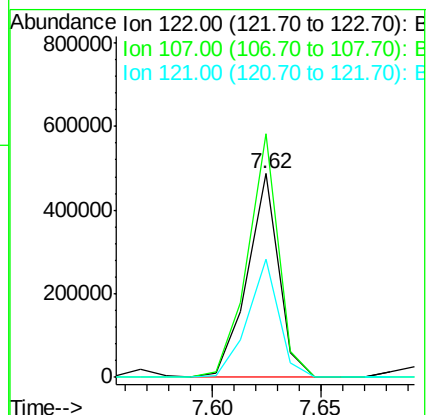
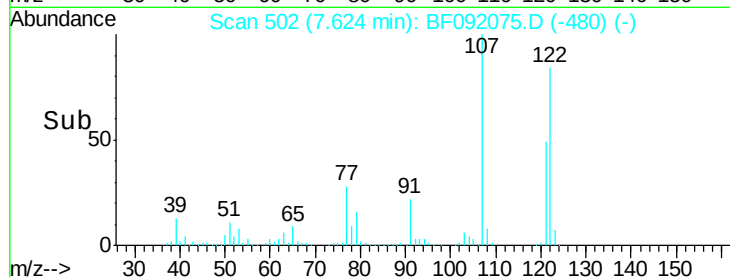
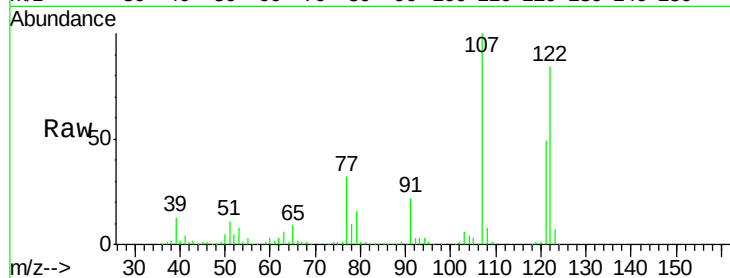
Tgt Ion:122 Resp: 490369

Ion Ratio Lower Upper

122 100

107 119.6 94.1 141.1

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 28.09 ng

RT: 7.72 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

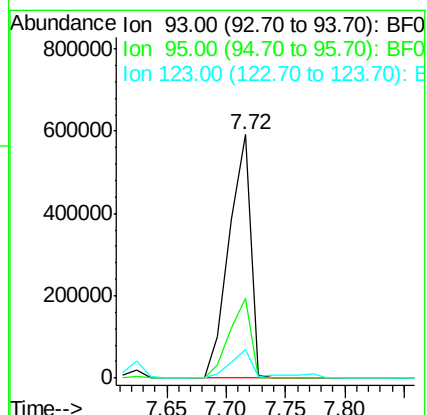
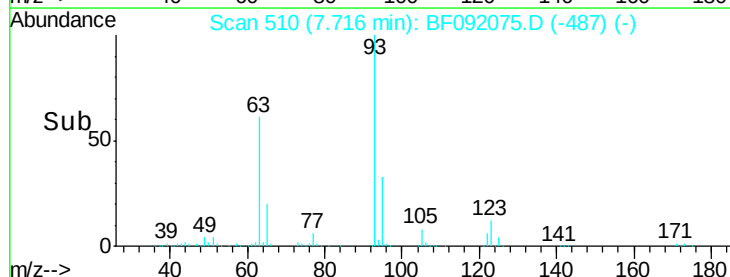
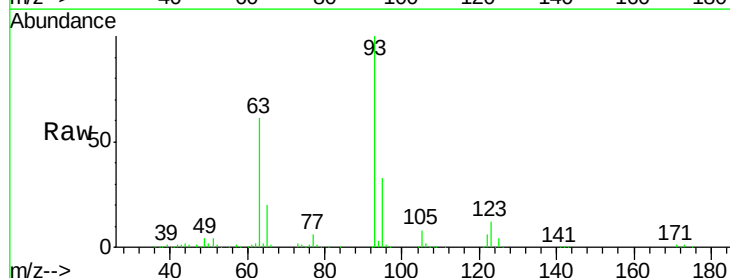
Tgt Ion: 93 Resp: 747064

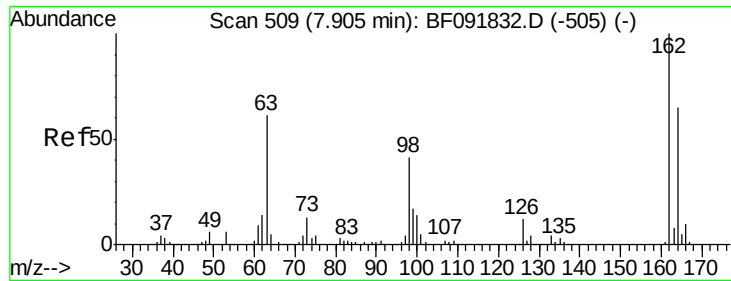
Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 11.9 8.6 13.0

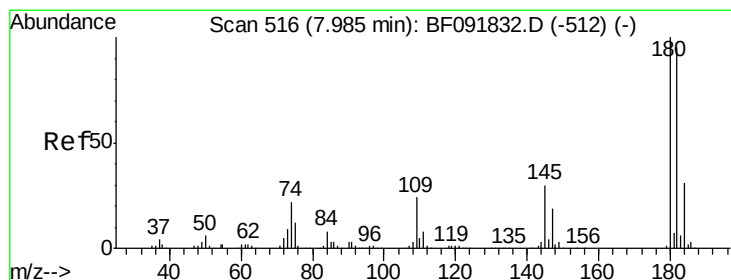
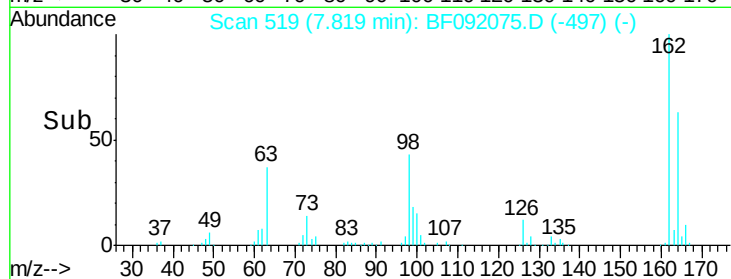
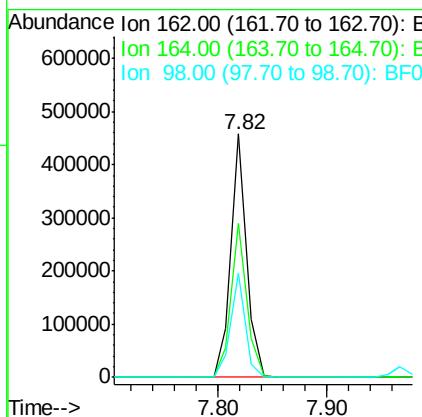
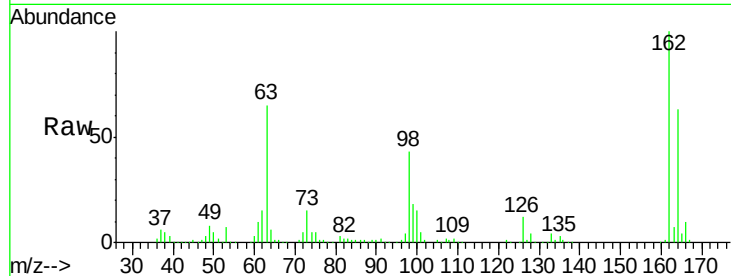




#29
 2,4-Dichlorophenol
 Concen: 26.15 ng
 RT: 7.82 min Scan# 519
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

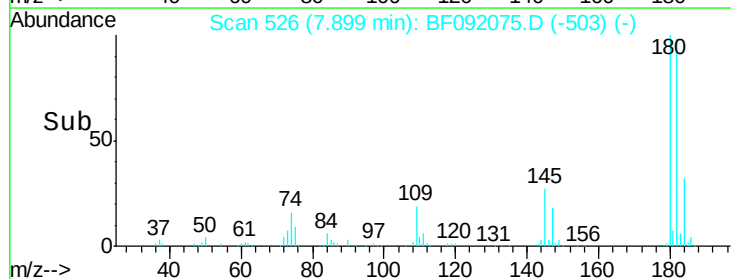
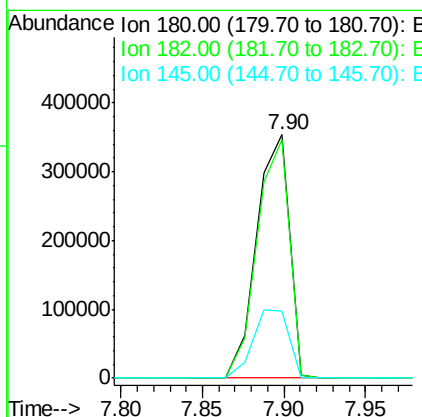
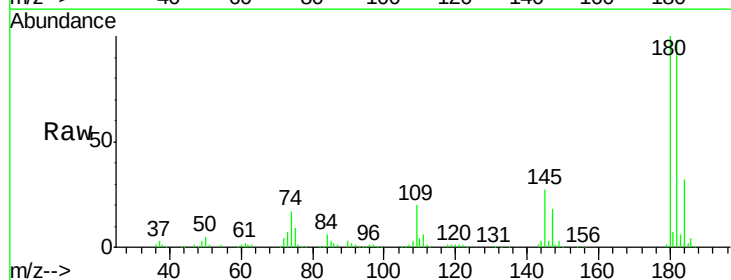
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

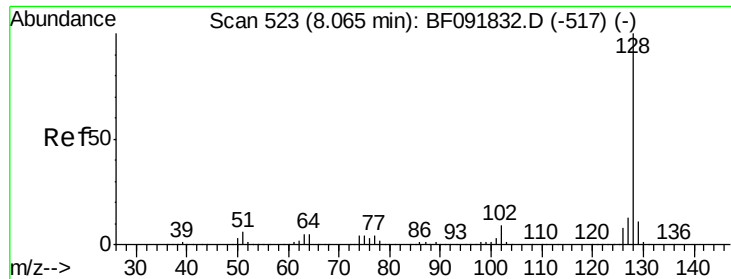
Tgt Ion:162 Resp: 458604
 Ion Ratio Lower Upper
 162 100
 164 63.1 46.8 86.8
 98 42.8 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 25.71 ng
 RT: 7.90 min Scan# 526
 Delta R.T. -0.04 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion:180 Resp: 493975
 Ion Ratio Lower Upper
 180 100
 182 97.7 78.2 117.4
 145 27.4 21.6 32.4

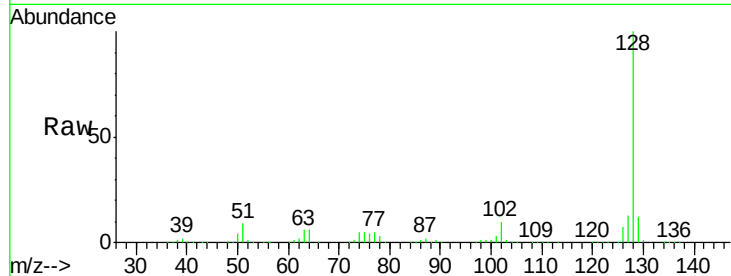




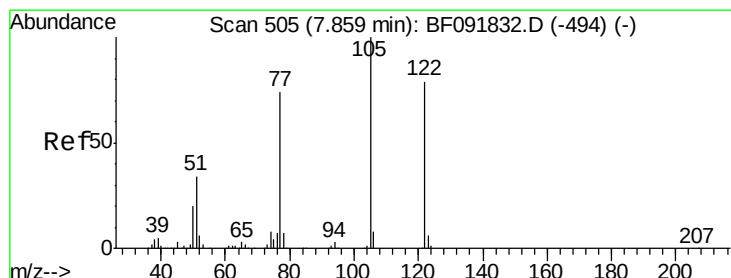
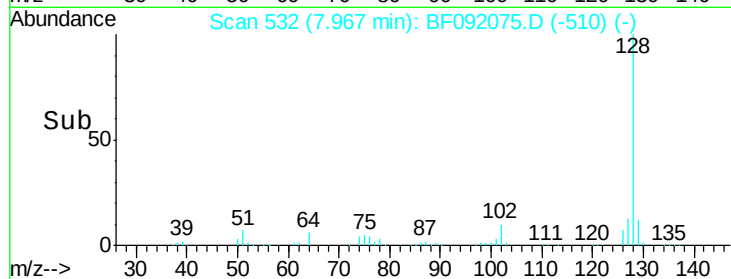
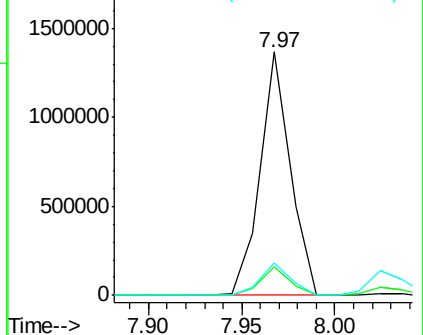
#31
Naphthalene
Concen: 25.27 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tgt Ion:128 Resp: 1528446
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.3 10.8 16.2

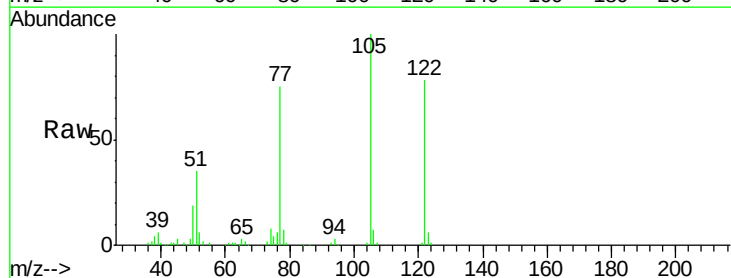


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

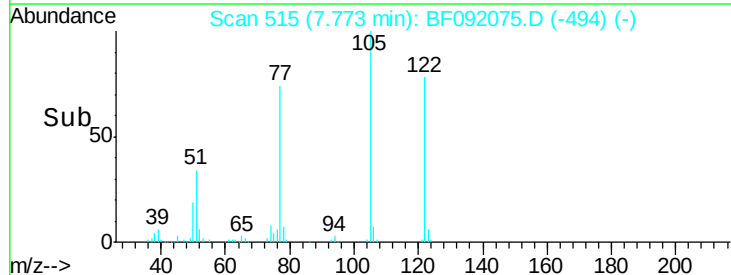
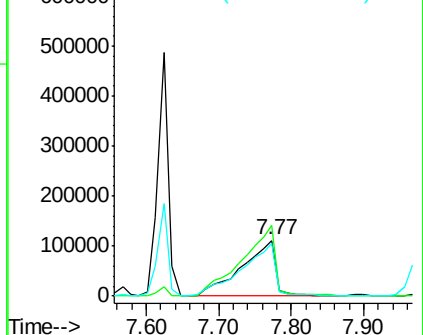


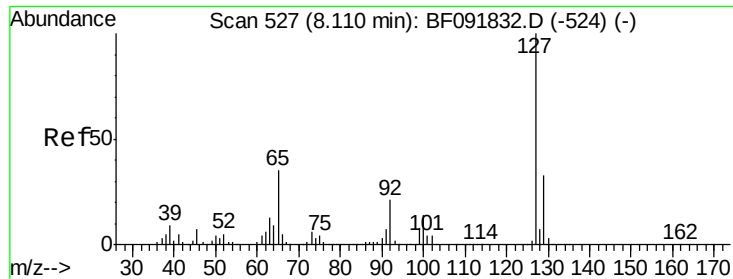
#32
Benzoic acid
Concen: 23.52 ng
RT: 7.77 min Scan# 515
Delta R.T. -0.06 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion:122 Resp: 361228
Ion Ratio Lower Upper
122 100
105 128.2 107.2 147.2
77 95.6 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

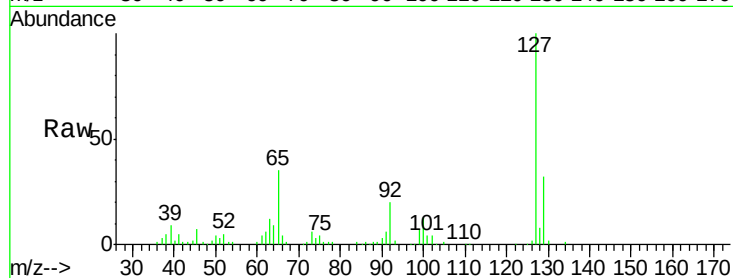




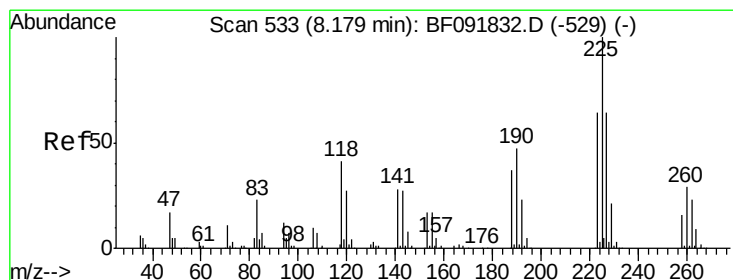
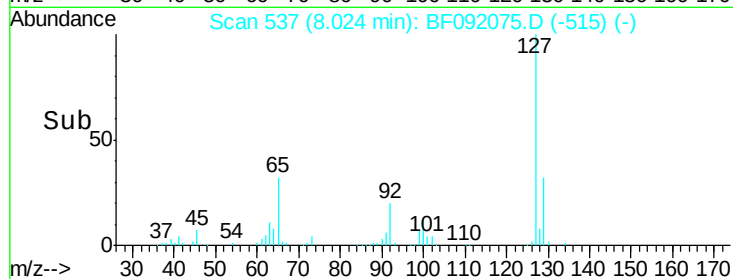
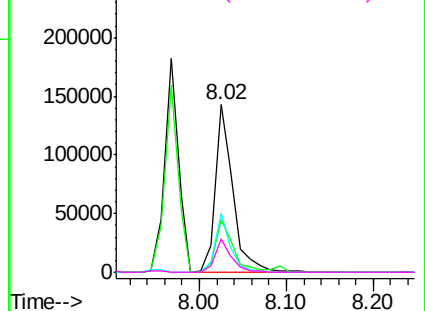
#33
 4-Chloroaniline
 Concen: 7.48 ng
 RT: 8.02 min Scan# 537
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tgt Ion:	127	Resp:	203897
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	35.1	25.8	38.8
92	19.9	16.1	24.1

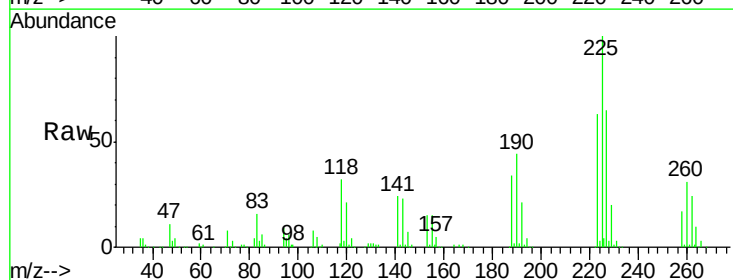


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

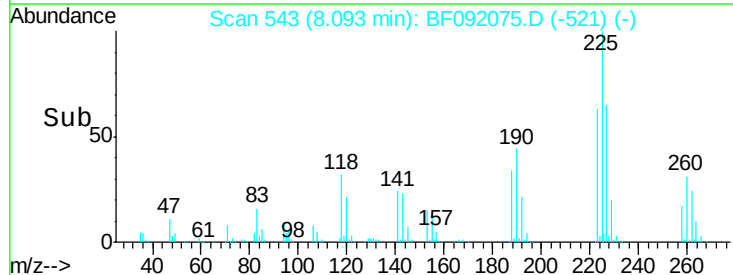
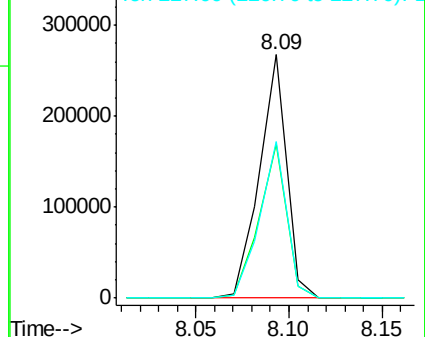


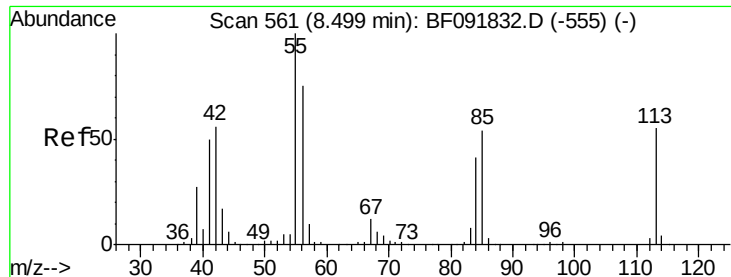
#34
 Hexachlorobutadiene
 Concen: 26.50 ng
 RT: 8.09 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion:	225	Resp:	268805
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	64.6	50.6	76.0



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

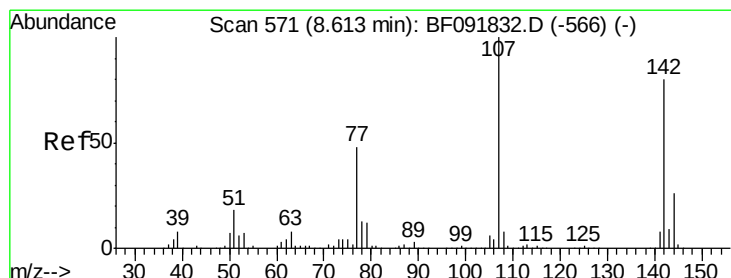
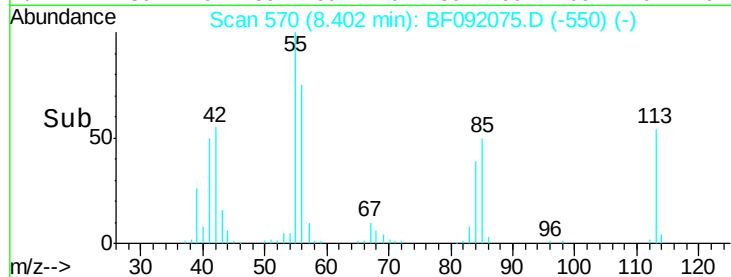
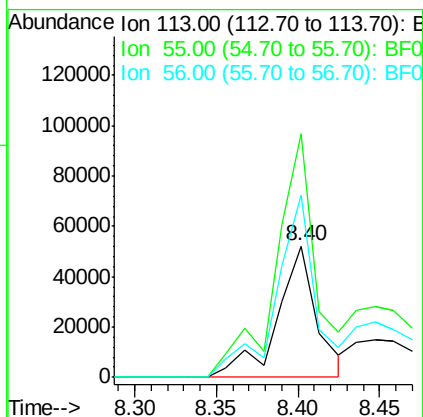
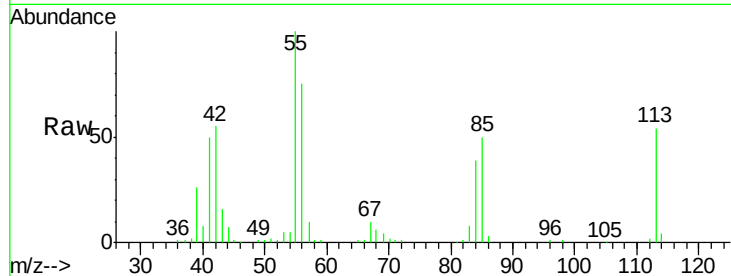




#35
 Caprolactam
 Concen: 15.27 ng
 RT: 8.40 min Scan# 570
 Delta R.T. -0.07 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

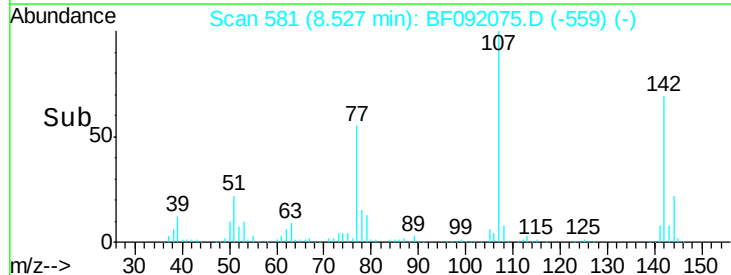
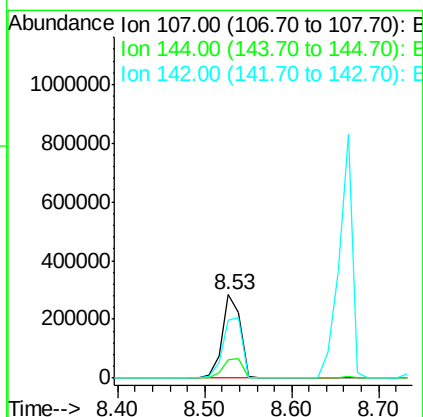
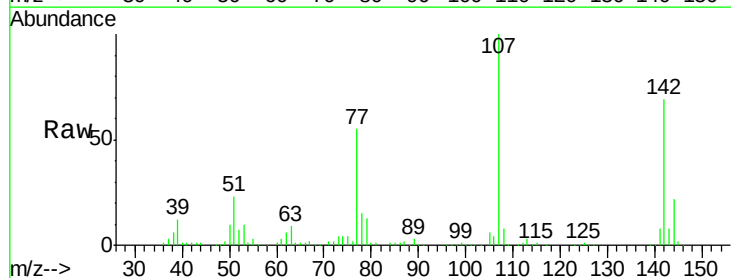
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

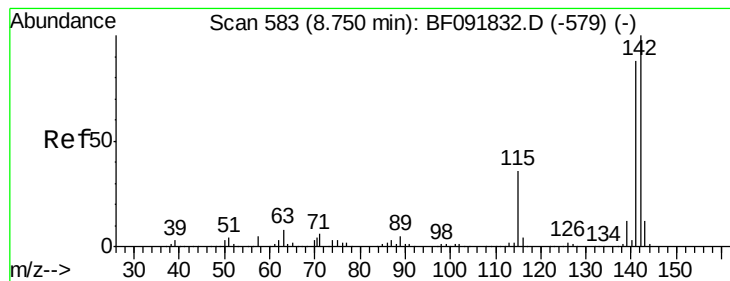
Tgt Ion:113 Resp: 87986
 Ion Ratio Lower Upper
 113 100
 55 185.2 119.2 159.2#
 56 138.7 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 20.41 ng
 RT: 8.53 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion:107 Resp: 411756
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.3 28.9
 142 68.9 59.0 88.6





#37

2-Methylnaphthalene

Concen: 20.24 ng

RT: 8.66 min Scan# 593

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

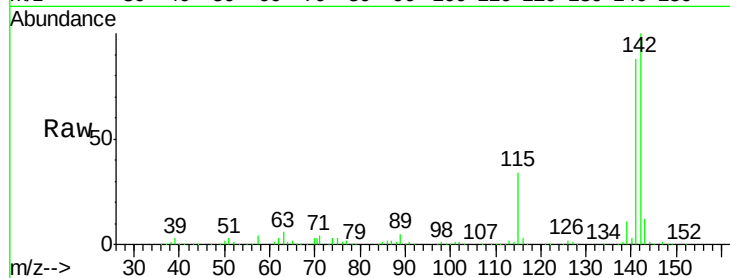
Tgt Ion:142 Resp: 894926

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

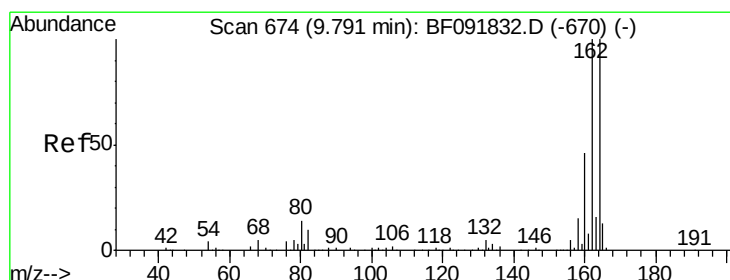
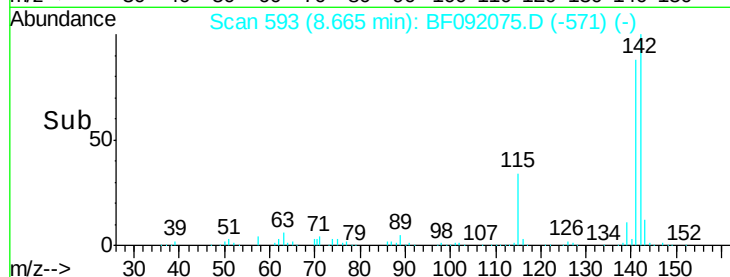
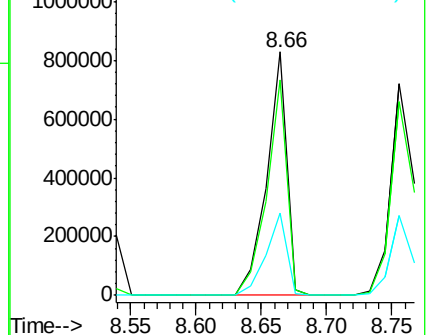
115 34.0 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

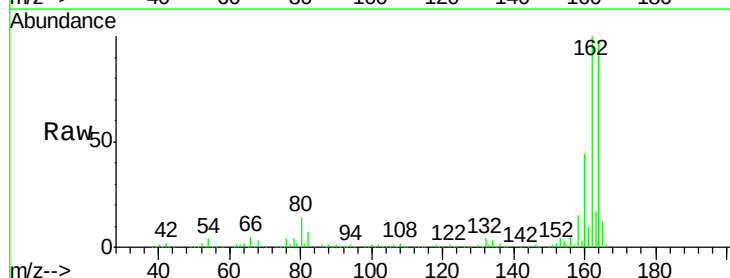
Tgt Ion:164 Resp: 570134

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

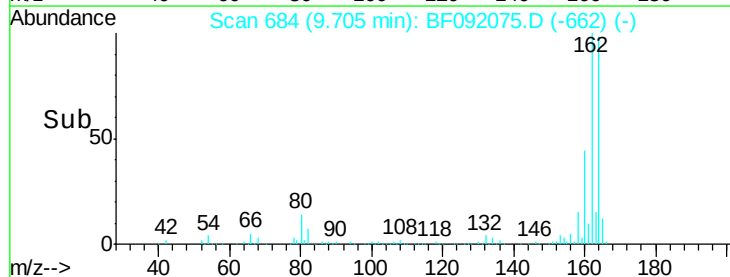
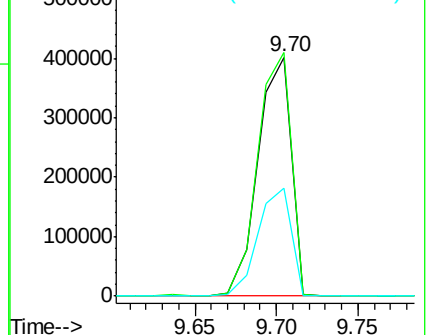
160 45.2 36.9 55.3

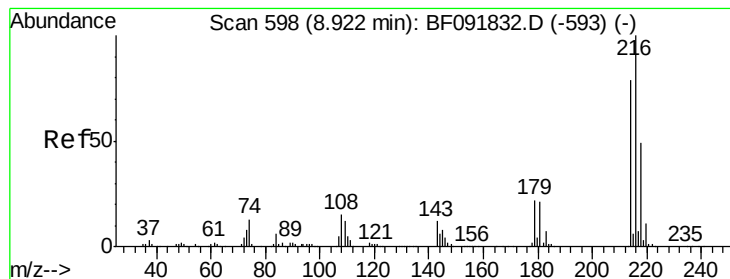


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.84 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.04 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

Tgt Ion:216 Resp: 343457

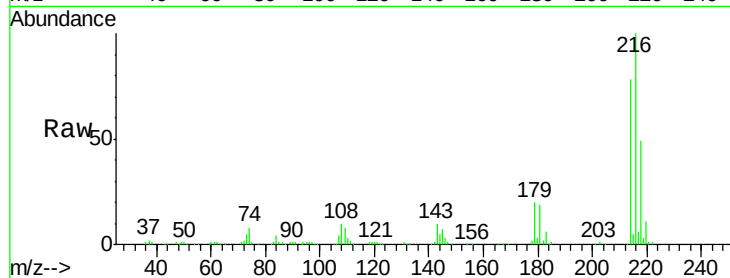
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 23.0 17.4 26.2

108 23.5 15.6 23.4#

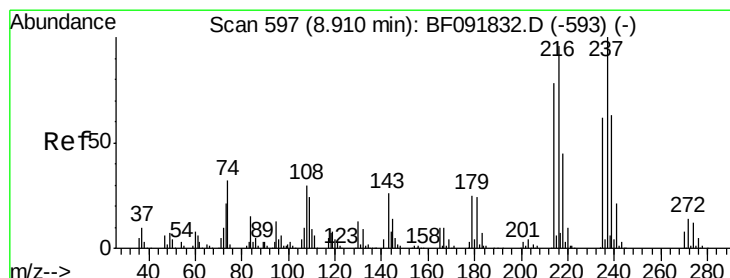
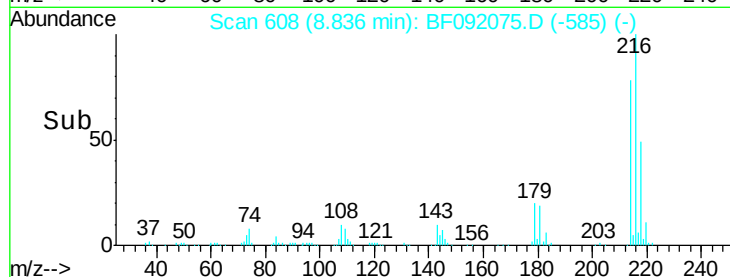
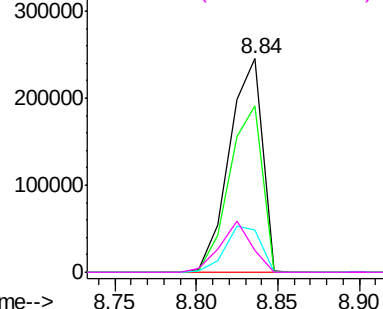


Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.70 ng

RT: 8.81 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

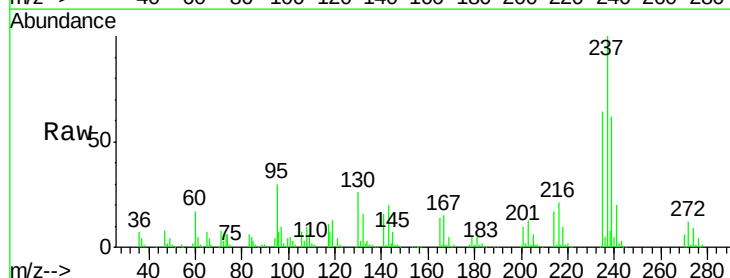
Tgt Ion:237 Resp: 335661

Ion Ratio Lower Upper

237 100

235 63.8 41.2 81.2

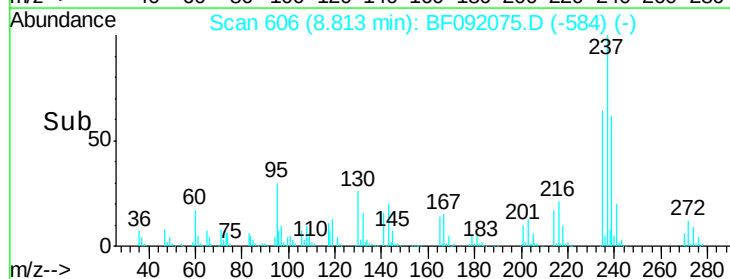
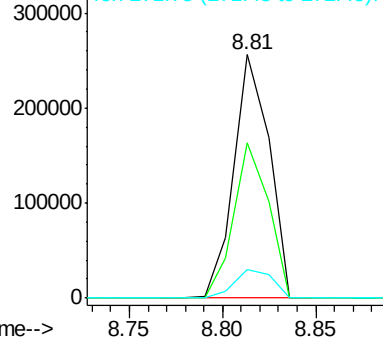
272 11.6 0.0 35.4

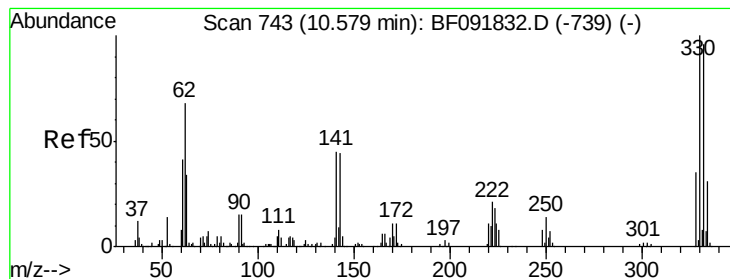


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

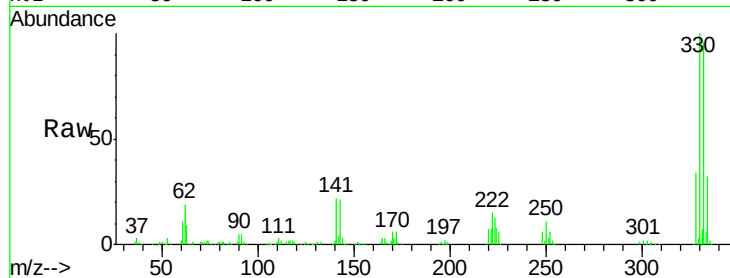




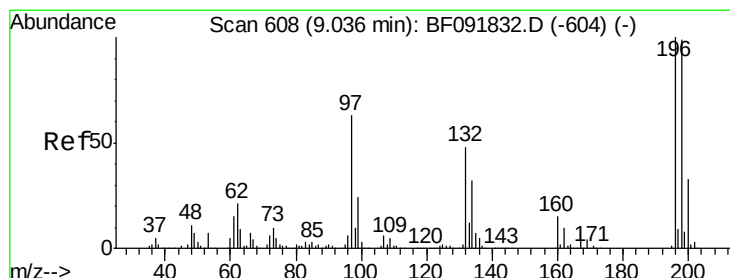
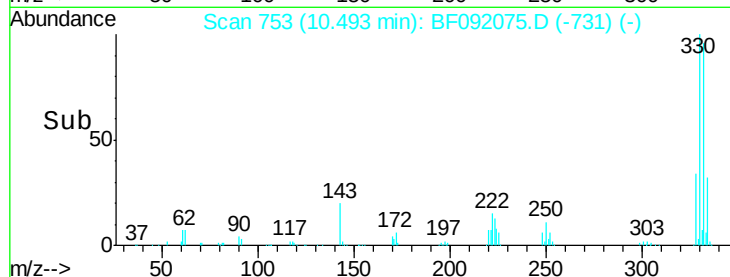
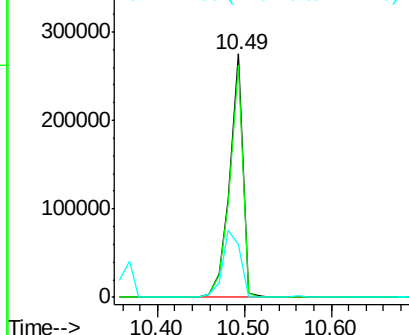
#41
 2,4,6-Tribromophenol
 Concen: 61.71 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tgt Ion:330 Resp: 291150
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 37.1 34.1 51.1

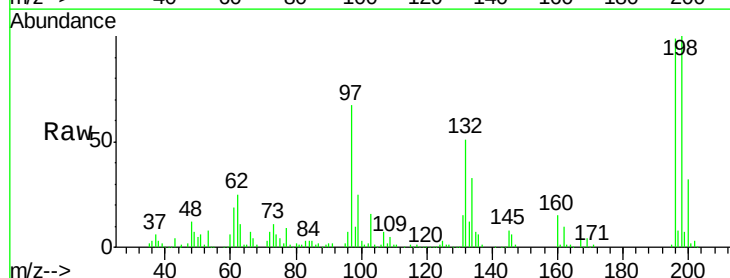


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

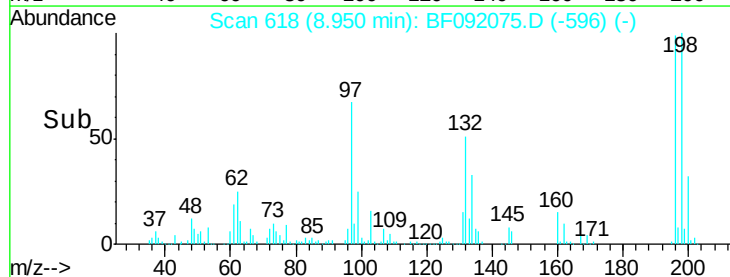
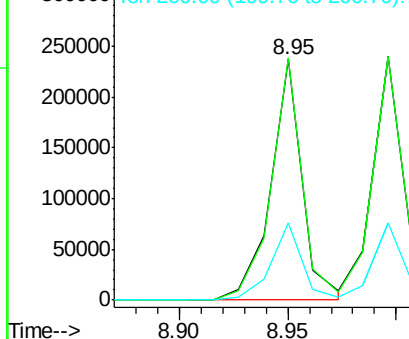


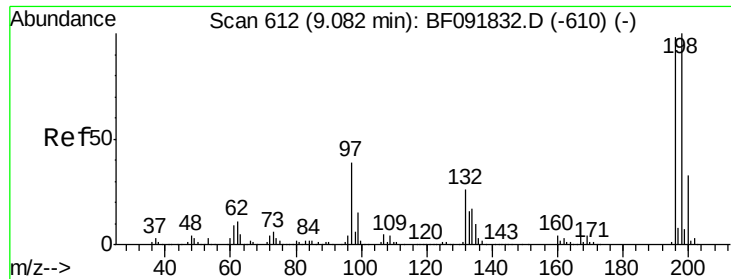
#42
 2,4,6-Trichlorophenol
 Concen: 23.69 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion:196 Resp: 238695
 Ion Ratio Lower Upper
 196 100
 198 100.5 82.1 123.1
 200 31.9 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

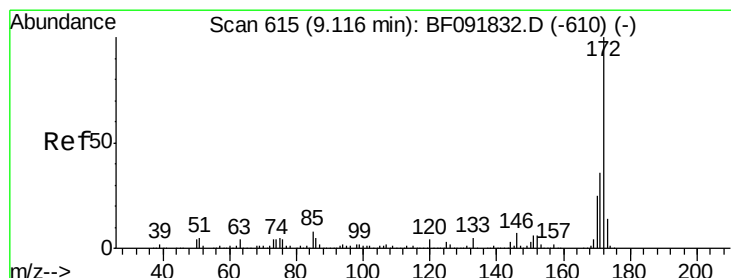
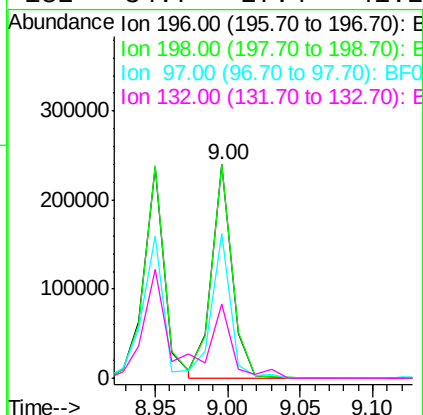
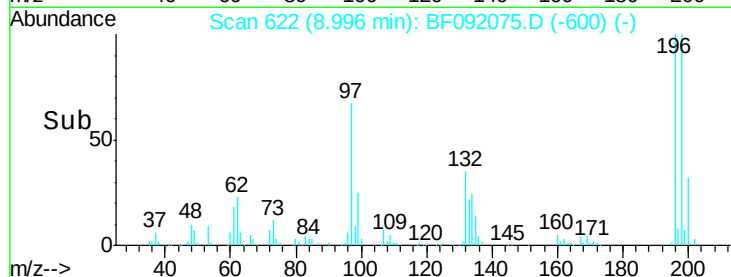
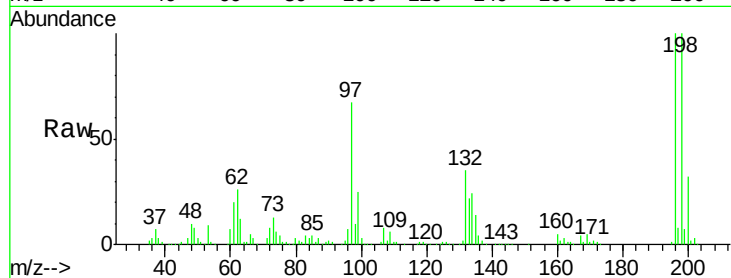




#43
 2,4,5-Trichlorophenol
 Concen: 22.69 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

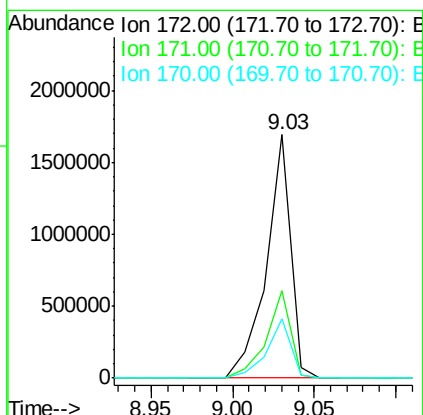
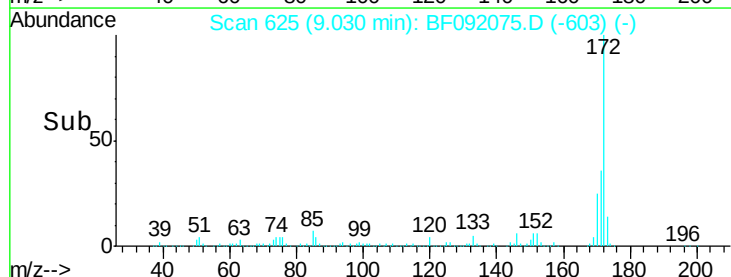
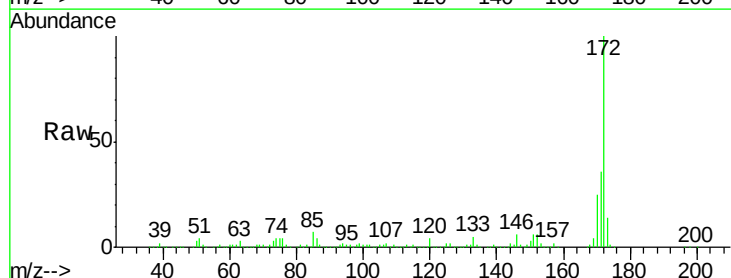
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

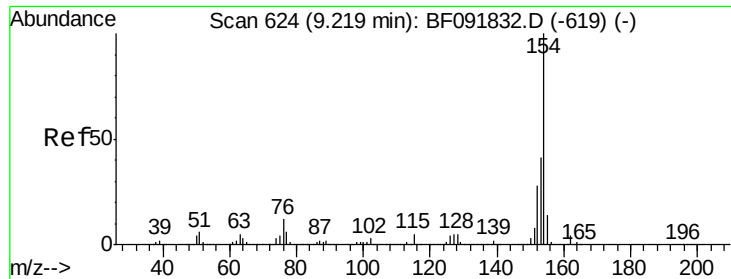
Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	79.4	119.2
97	67.5	51.5	77.3
132	34.7	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 59.08 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.5	20.2	30.4

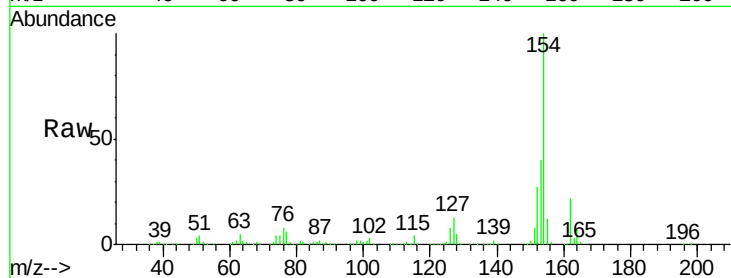




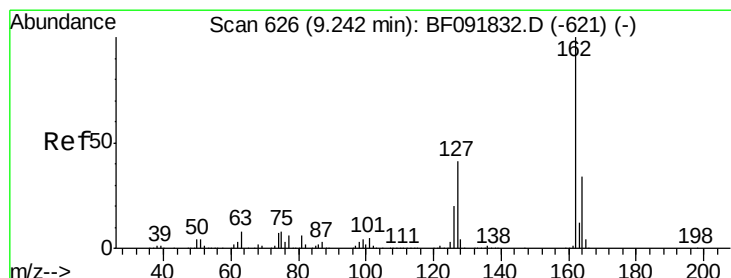
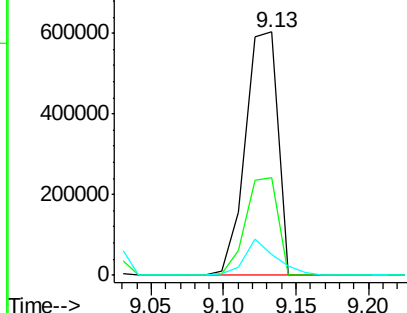
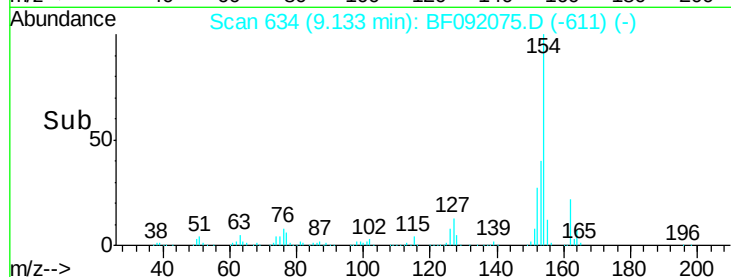
#45
 1,1'-Biphenyl
 Concen: 23.96 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.04 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tgt Ion:154 Resp: 935504
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.9 60.9
 76 8.4 0.0 30.5

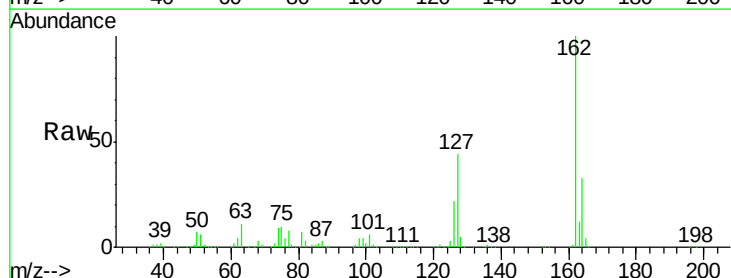


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

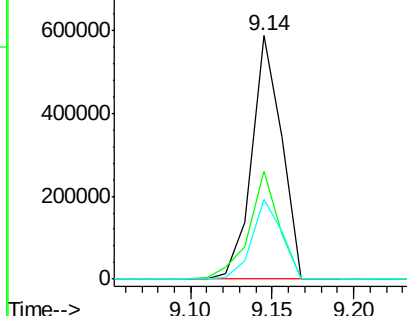
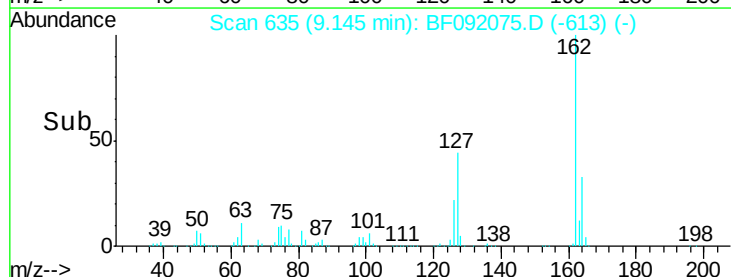


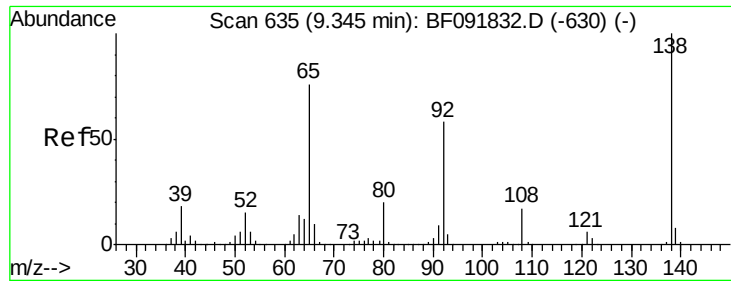
#46
 2-Chloronaphthalene
 Concen: 24.04 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion:162 Resp: 743256
 Ion Ratio Lower Upper
 162 100
 127 44.4 30.7 46.1
 164 32.6 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

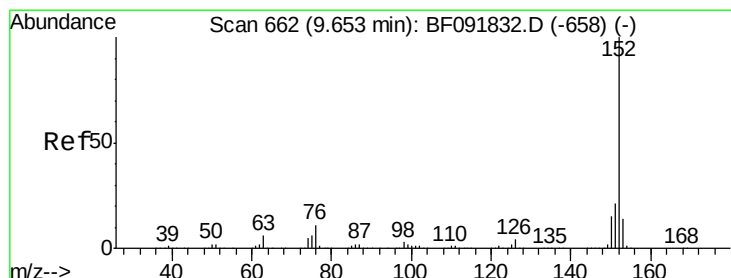
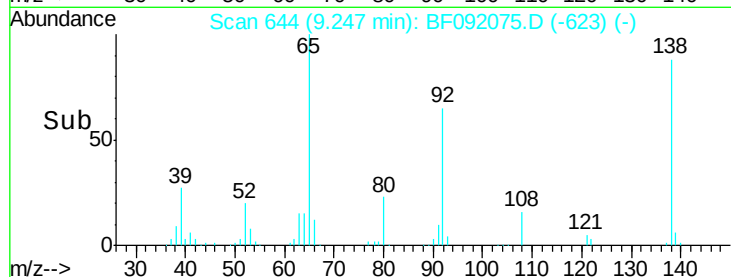
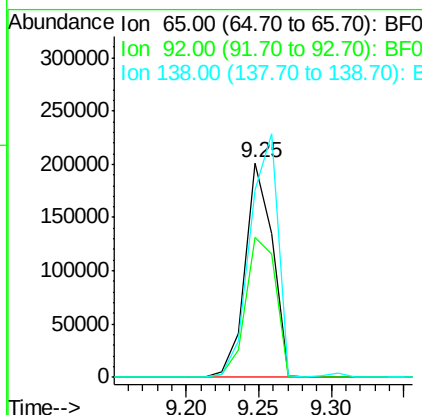
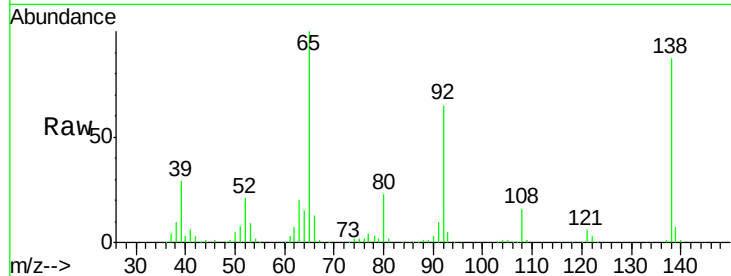




#47
 2-Nitroaniline
 Concen: 23.90 ng
 RT: 9.25 min Scan# 644
 Delta R.T. -0.06 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

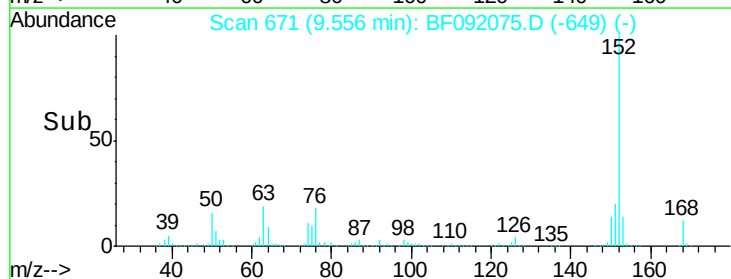
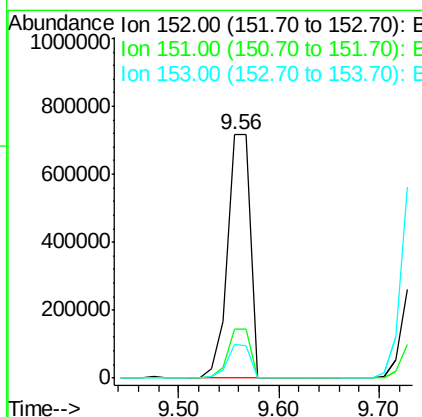
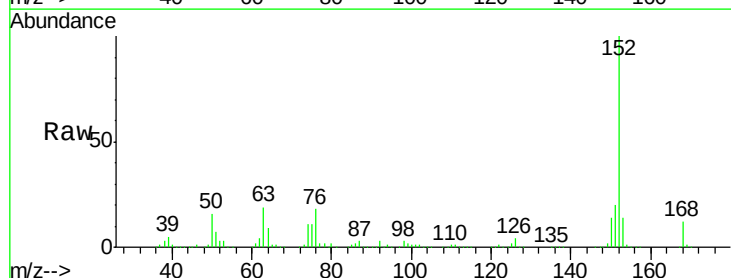
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

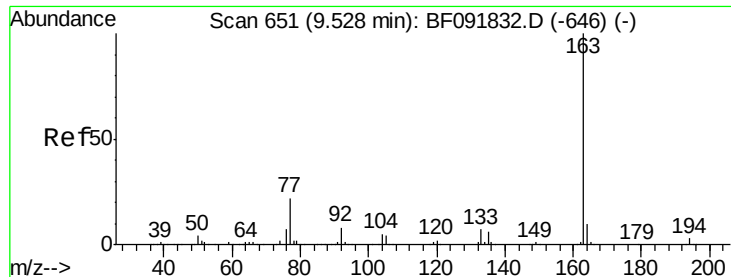
Tgt Ion: 65 Resp: 263071
 Ion Ratio Lower Upper
 65 100
 92 65.5 53.9 80.9
 138 87.2 76.8 115.2



#48
 Acenaphthylene
 Concen: 23.54 ng
 RT: 9.56 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion: 152 Resp: 1119415
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.9 25.3
 153 14.1 11.4 17.2

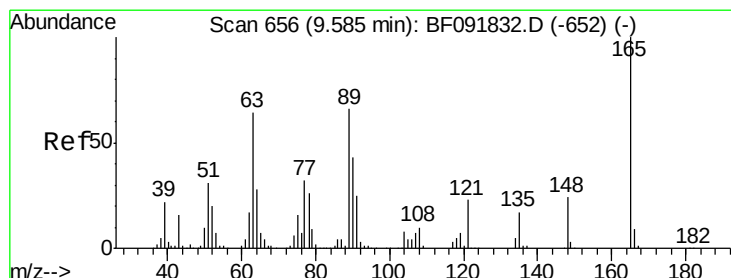
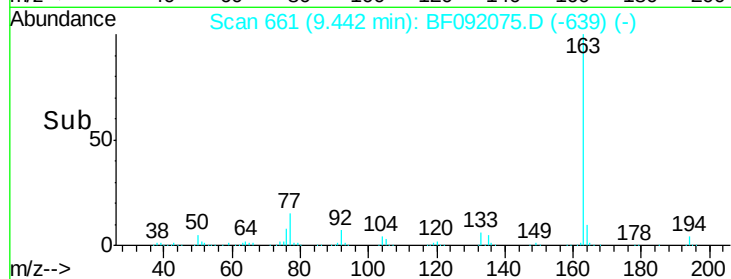
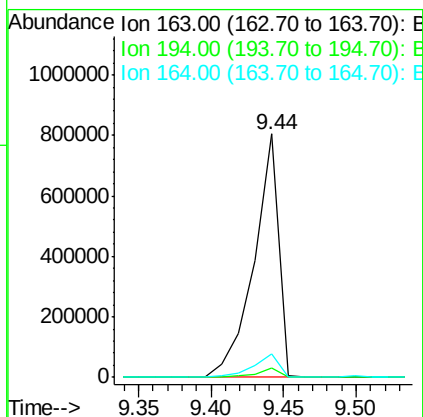
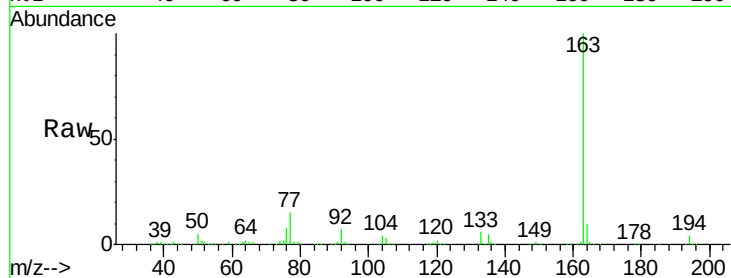




#49
Dimethylphthalate
Concen: 26.08 ng
RT: 9.44 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

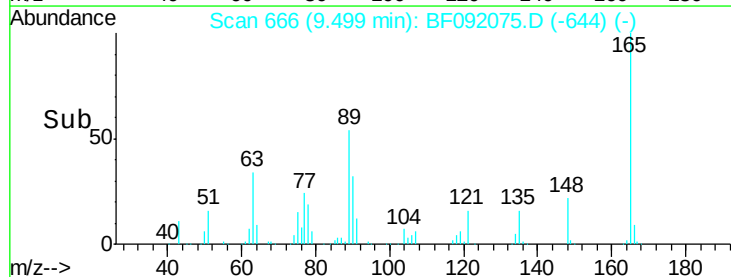
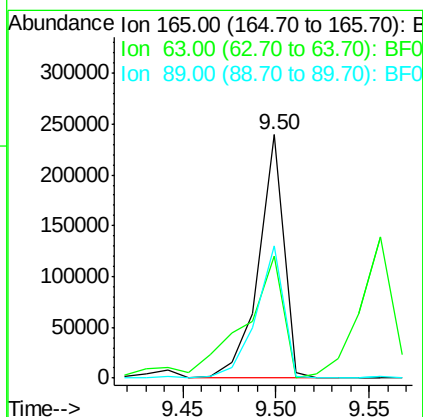
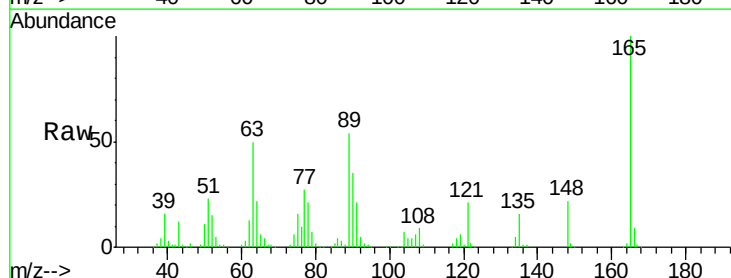
Instrument :
BNA_F
ClientSampleId :
PB95751BS

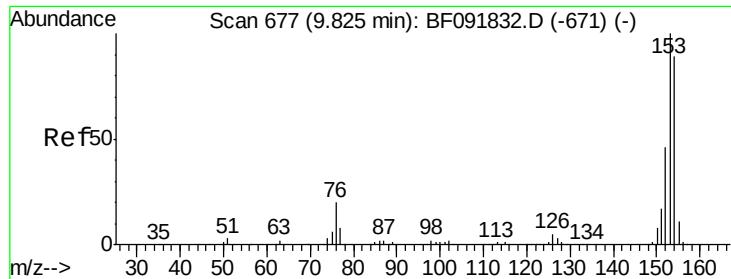
Tgt Ion:163 Resp: 950939
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.7 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 28.03 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion:165 Resp: 223689
Ion Ratio Lower Upper
165 100
63 50.3 36.2 54.4
89 54.3 40.2 60.4

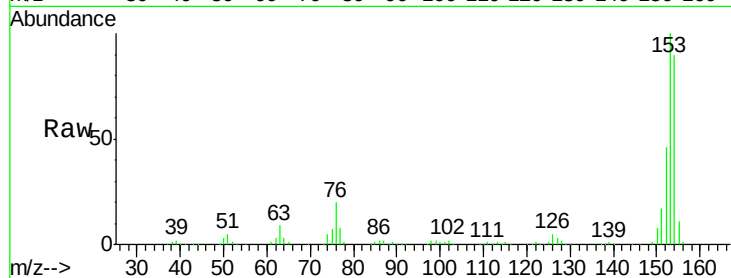




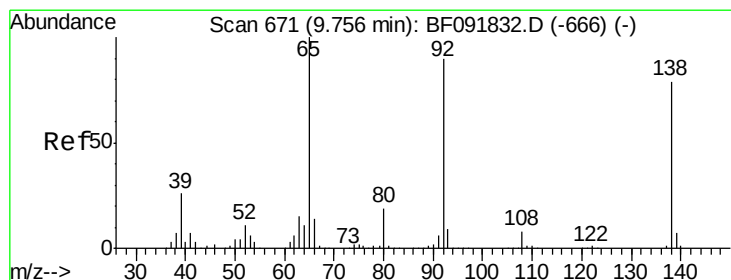
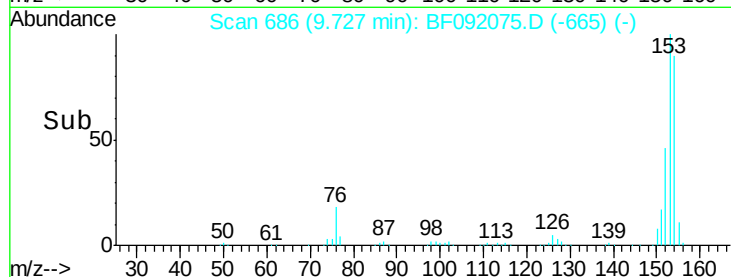
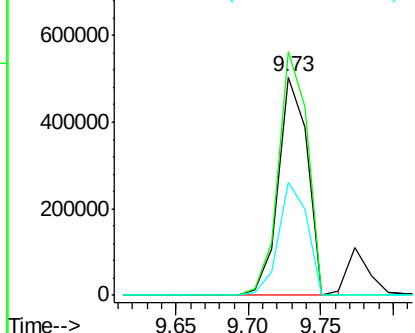
#51
Acenaphthene
Concen: 21.82 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tgt Ion:154 Resp: 703358
Ion Ratio Lower Upper
154 100
153 111.7 88.6 133.0
152 51.7 41.6 62.4

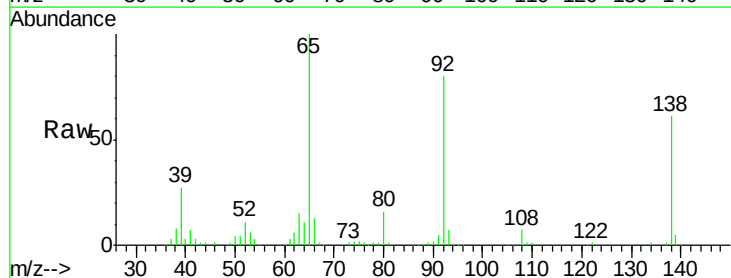


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

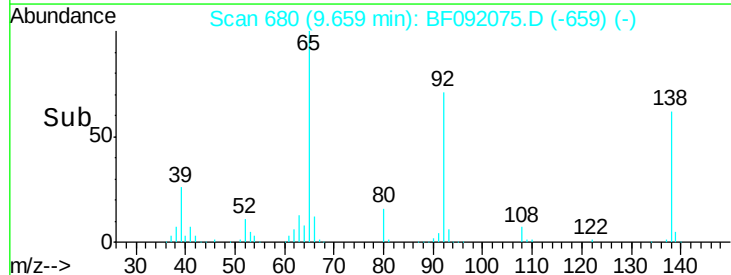
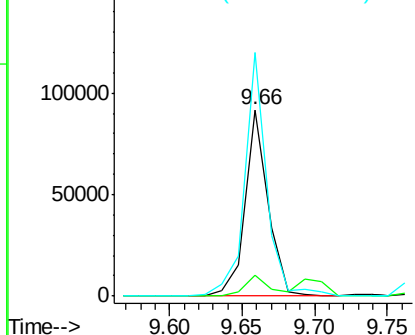


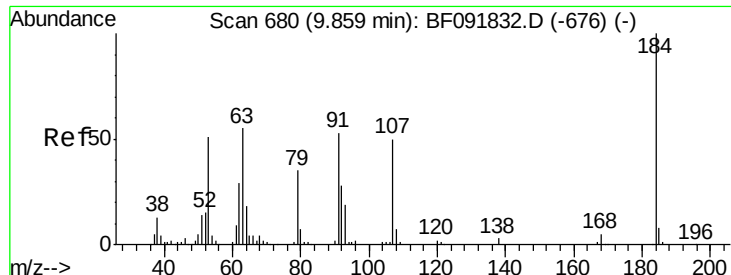
#52
3-Nitroaniline
Concen: 10.22 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.06 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion:138 Resp: 100980
Ion Ratio Lower Upper
138 100
108 11.4 8.5 12.7
92 130.8 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

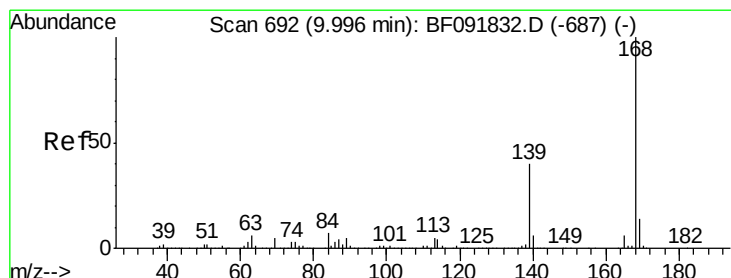
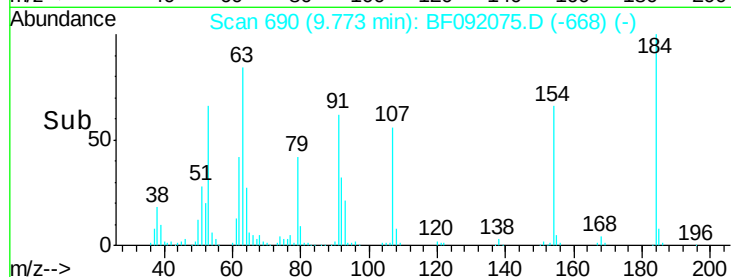
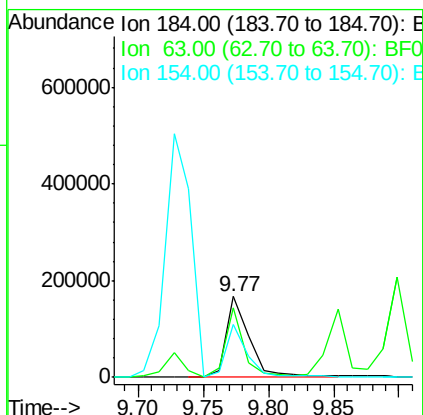
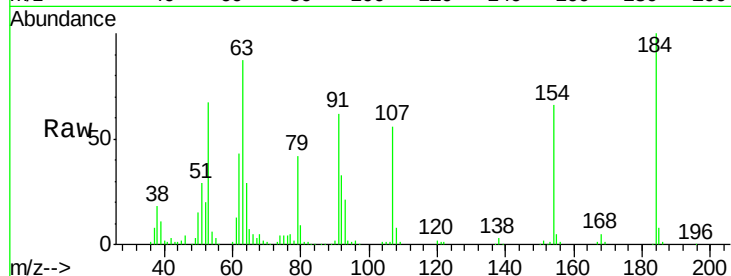




#53
2,4-Dinitrophenol
Concen: 47.04 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

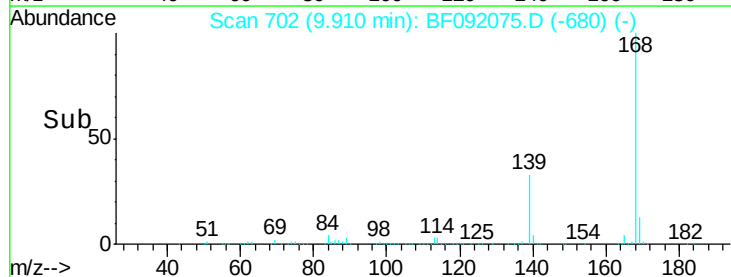
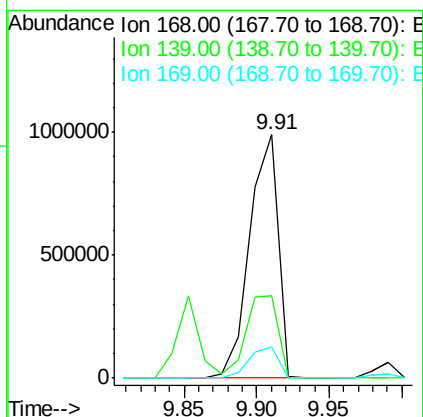
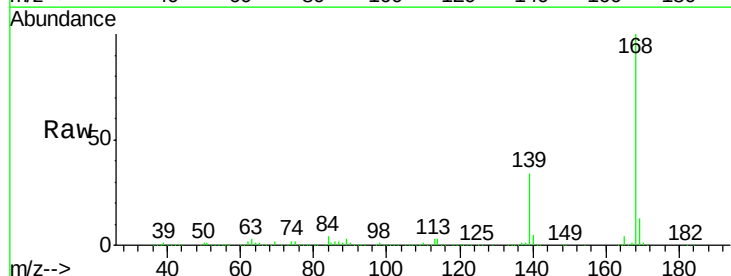
Instrument :
BNA_F
ClientSampleId :
PB95751BS

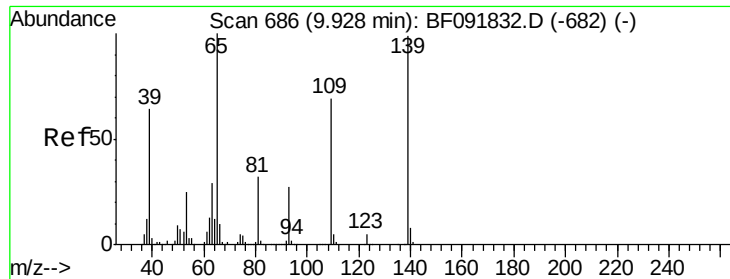
Tgt Ion:184 Resp: 208893
Ion Ratio Lower Upper
184 100
63 86.5 28.4 42.6#
154 65.7 44.3 66.5



#54
Dibenzofuran
Concen: 30.91 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion:168 Resp: 1345490
Ion Ratio Lower Upper
168 100
139 33.9 32.6 49.0
169 13.0 11.3 16.9

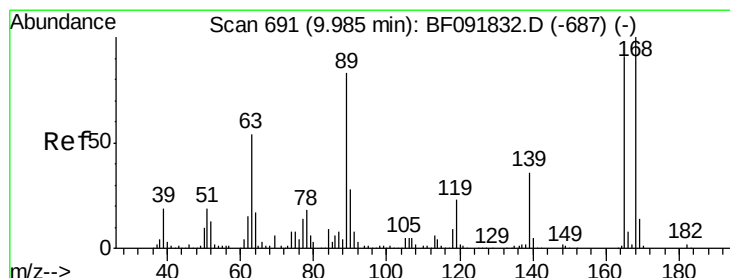
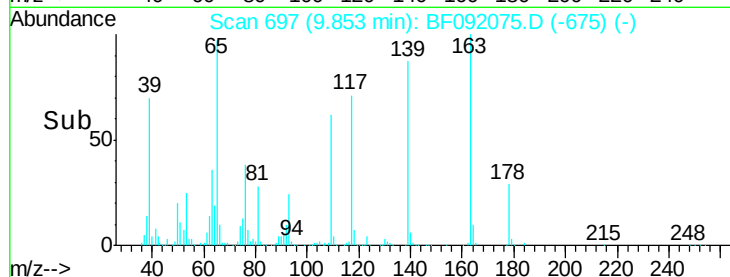
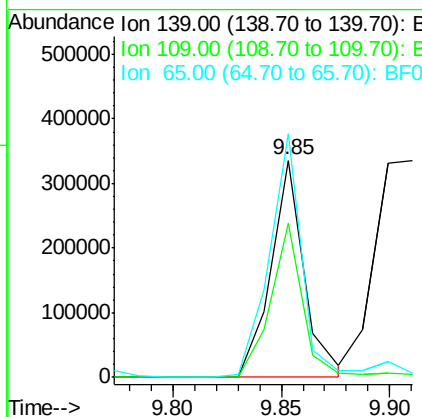
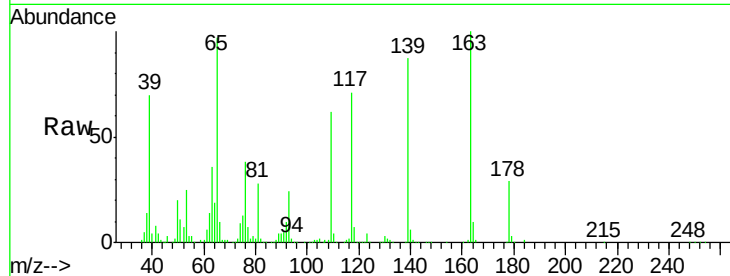




#55
4-Nitrophenol
Concen: 53.86 ng
RT: 9.85 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

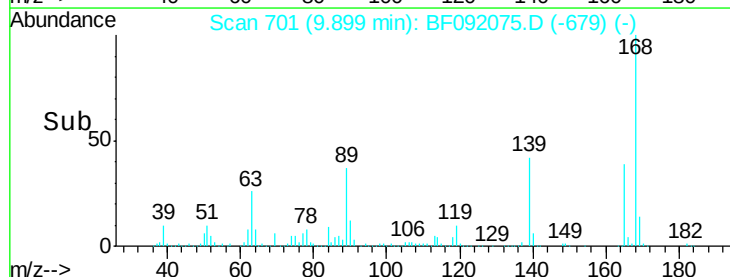
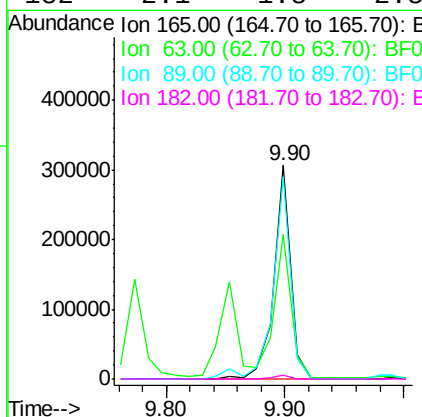
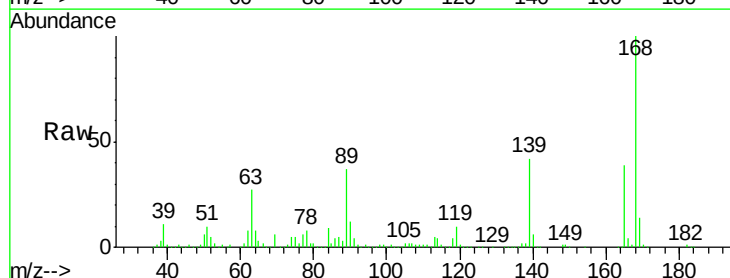
Instrument :
BNA_F
ClientSampleId :
PB95751BS

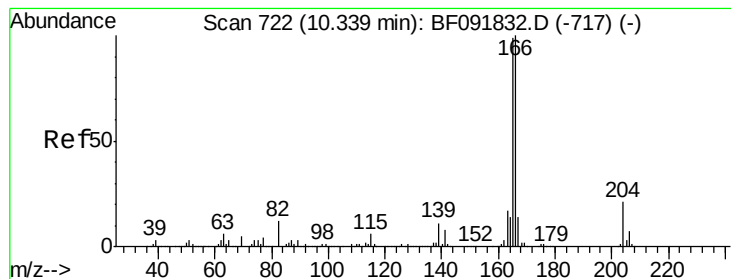
Tgt Ion:139 Resp: 361217
Ion Ratio Lower Upper
139 100
109 71.1 52.2 92.2
65 112.0 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 30.11 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion:165 Resp: 301642
Ion Ratio Lower Upper
165 100
63 67.8 40.2 60.4#
89 94.7 62.5 93.7#
182 2.1 1.8 2.8





#57

Fluorene

Concen: 26.64 ng

RT: 10.24 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

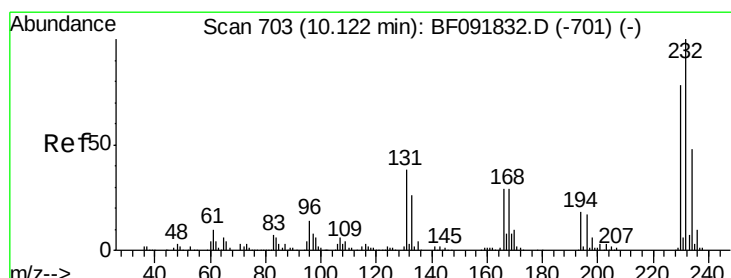
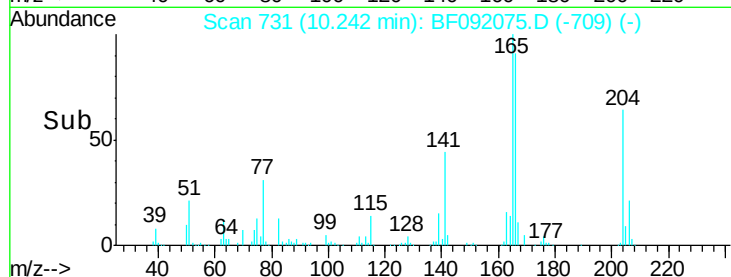
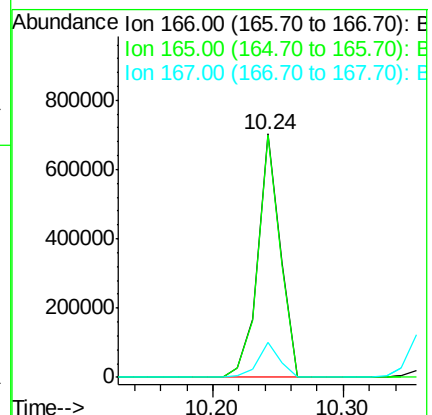
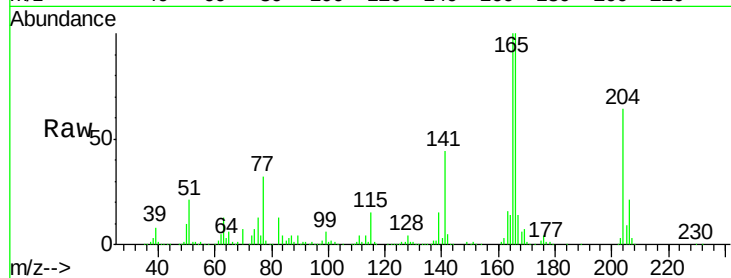
Tgt Ion:166 Resp: 843719

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

167 14.2 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.60 ng

RT: 10.04 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Tgt Ion:232 Resp: 250868

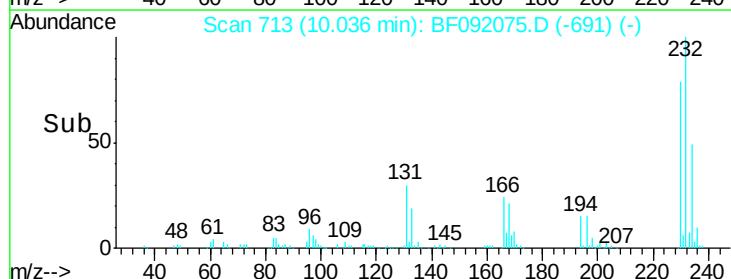
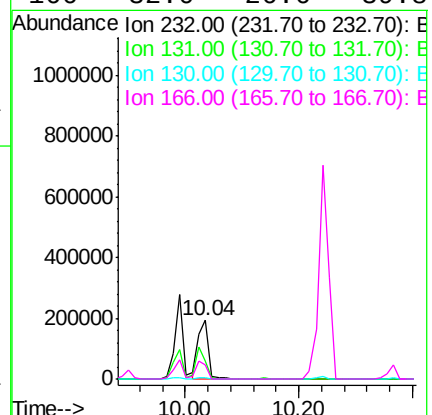
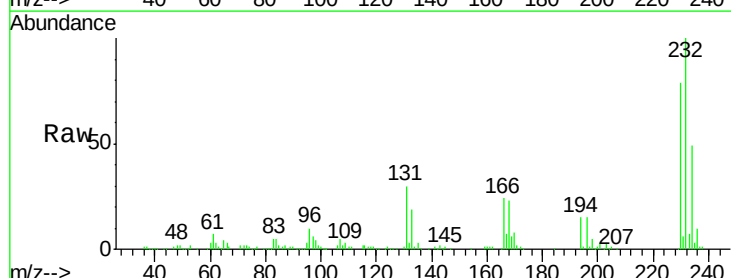
Ion Ratio Lower Upper

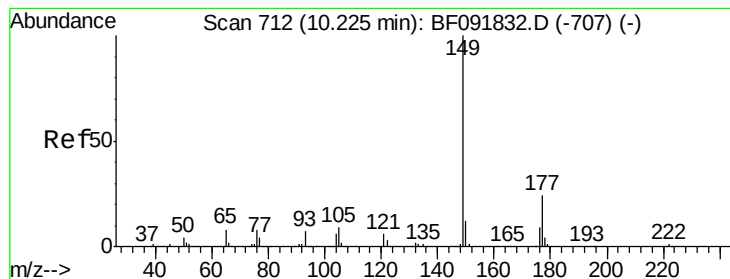
232 100

131 50.7 40.1 60.1

130 2.1 1.8 2.8

166 32.0 26.6 39.8





#59

Diethylphthalate

Concen: 31.10 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampled :

PB95751BS

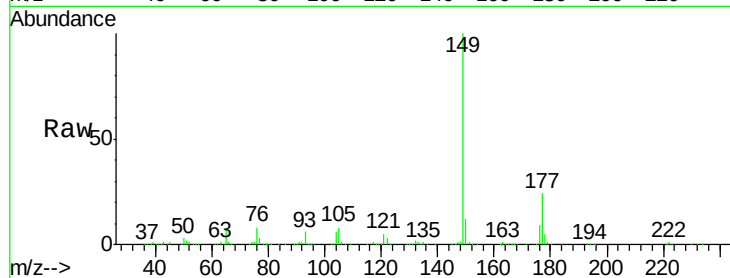
Tgt Ion:149 Resp: 1101254

Ion Ratio Lower Upper

149 100

177 23.9 16.6 25.0

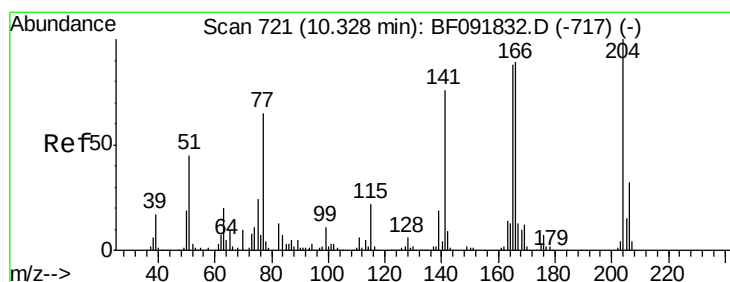
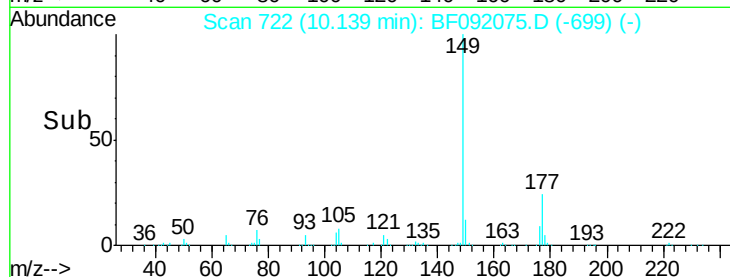
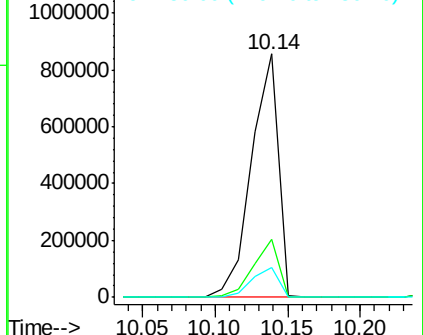
150 12.1 10.4 15.6



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: 28.95 ng

RT: 10.24 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

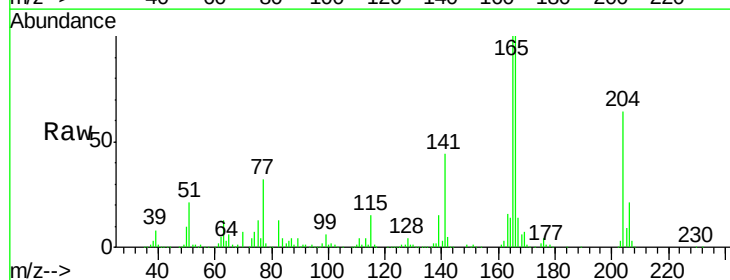
Tgt Ion:204 Resp: 401464

Ion Ratio Lower Upper

204 100

206 32.3 25.8 38.6

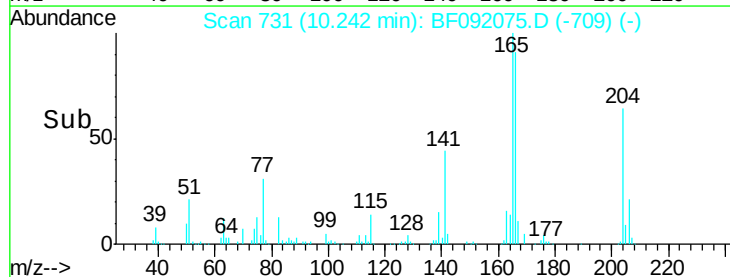
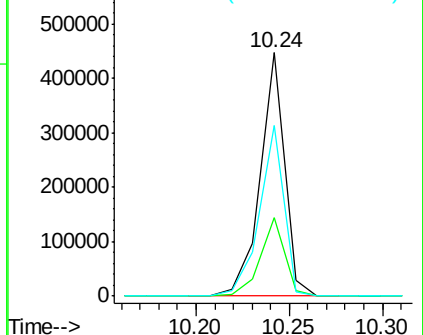
141 69.8 59.4 89.0

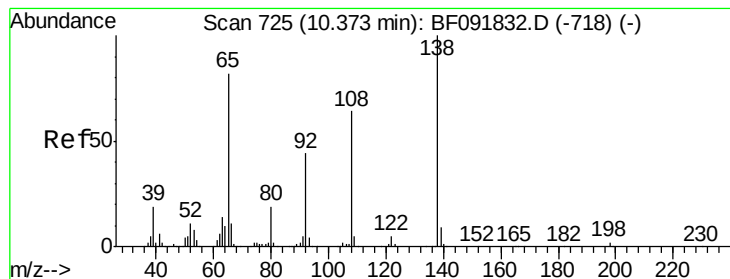


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 20.79 ng

RT: 10.28 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

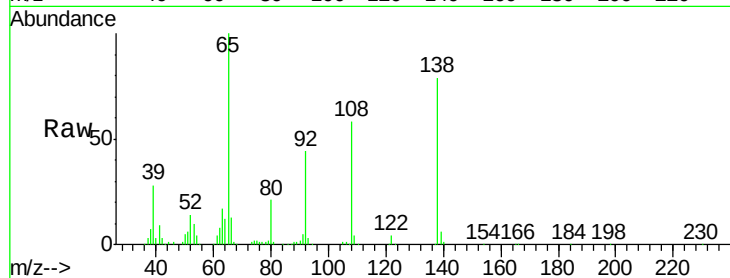
Tgt Ion: 138 Resp: 212768

Ion Ratio Lower Upper

138 100

92 55.3 31.7 71.7

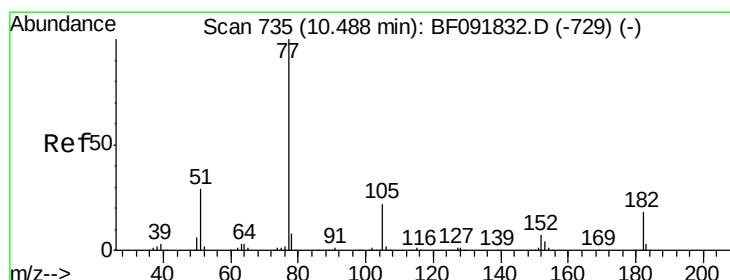
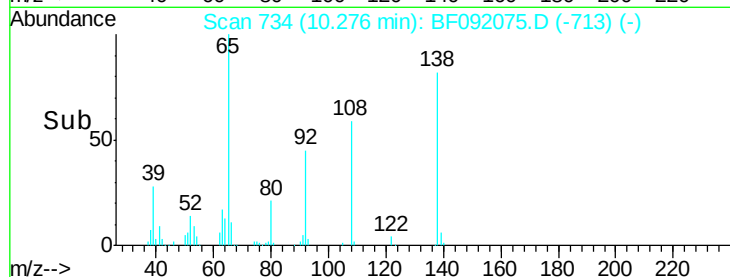
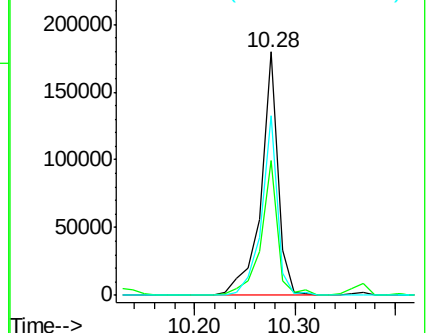
108 73.7 52.6 92.6



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: 26.81 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Tgt Ion: 77 Resp: 1045469

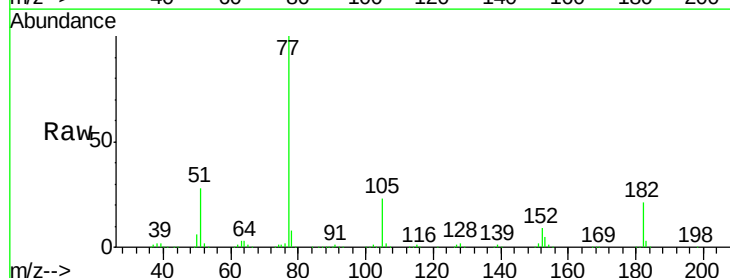
Ion Ratio Lower Upper

77 100

182 21.3 0.0 39.3

105 23.0 2.3 42.3

51 27.6 8.9 48.9

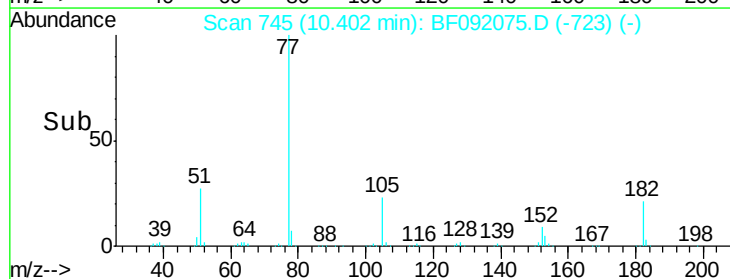
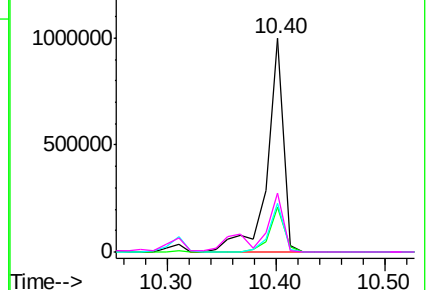


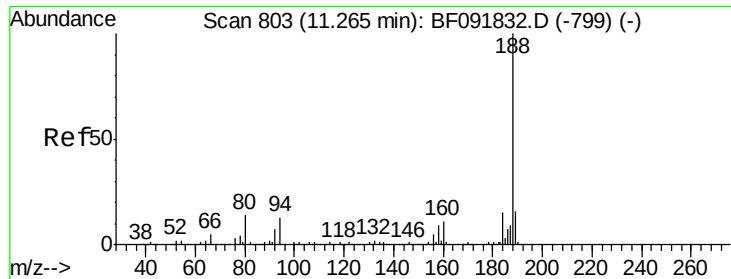
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

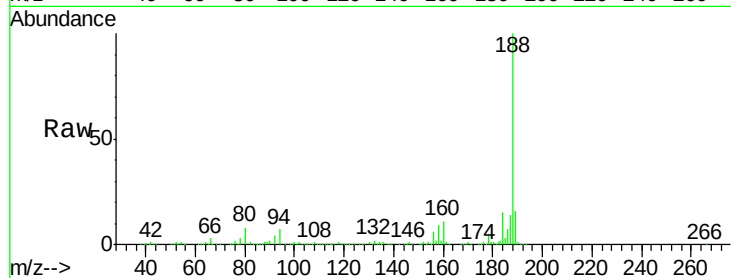




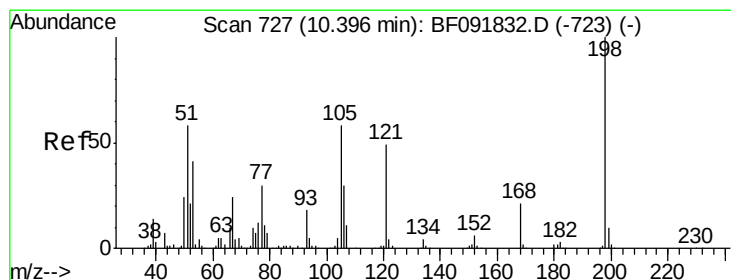
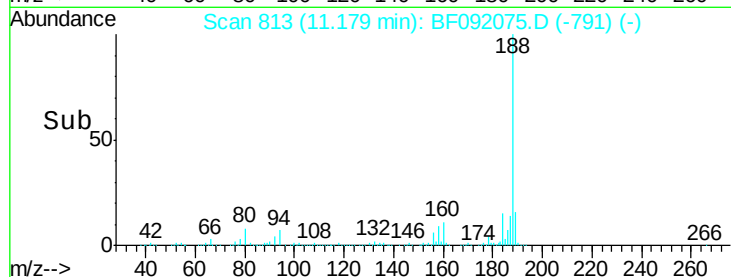
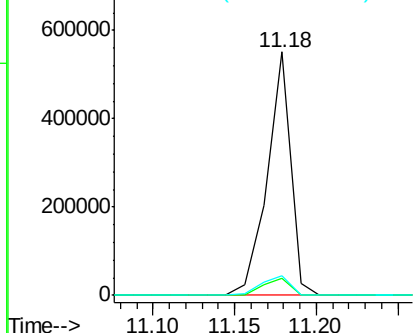
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tgt Ion:188 Resp: 555526
Ion Ratio Lower Upper
188 100
94 7.1 10.0 15.0#
80 7.9 11.2 16.8#

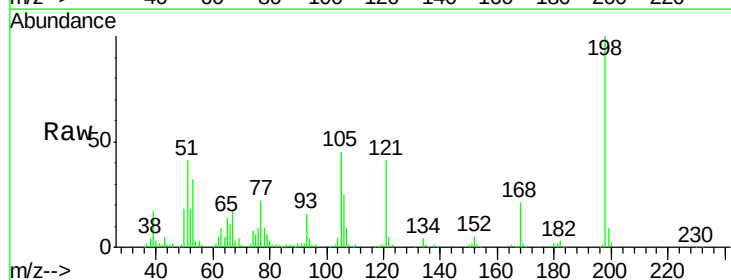


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

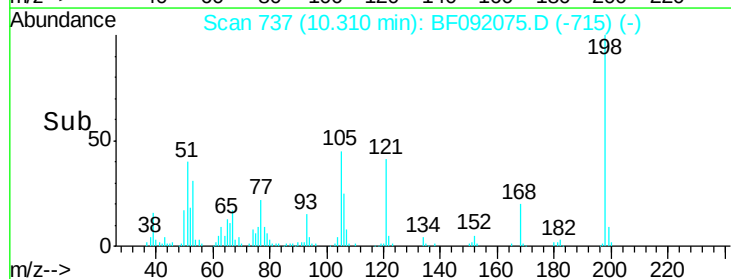
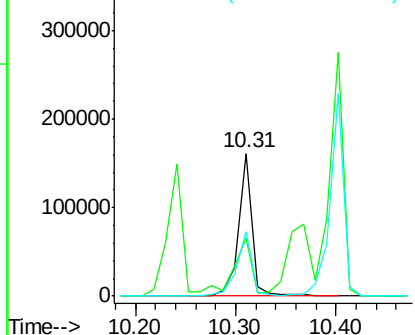


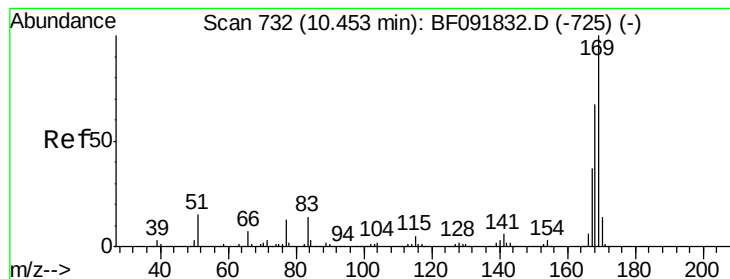
#64
4,6-Dinitro-2-methylphenol
Concen: 45.19 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion:198 Resp: 151794
Ion Ratio Lower Upper
198 100
51 40.6 6.7 46.7
105 45.3 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.44 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

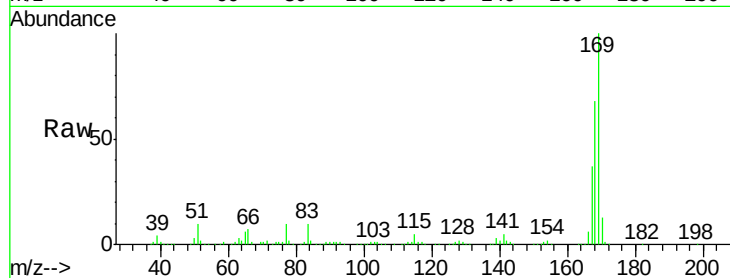
Tgt Ion:169 Resp: 848004

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

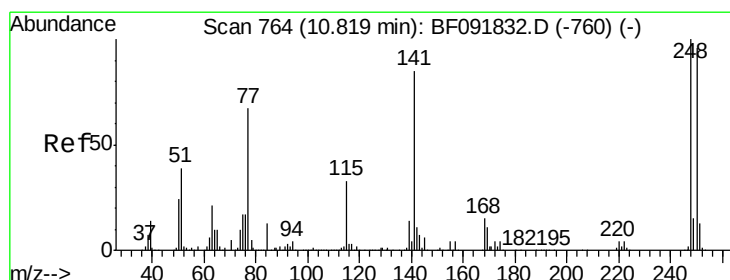
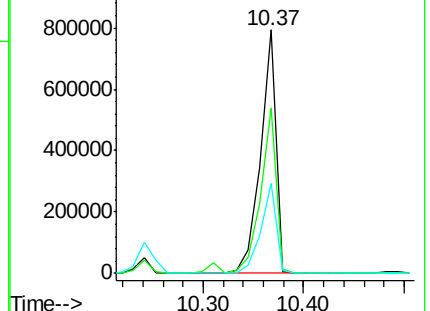
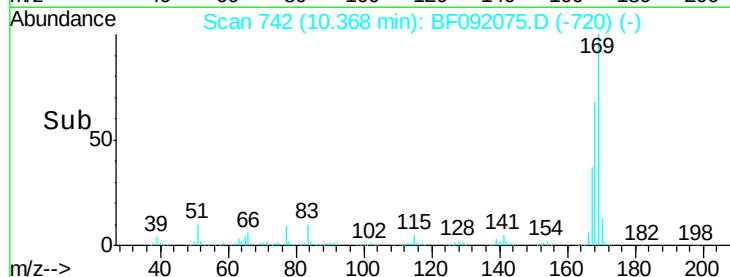
167 37.0 30.2 45.4



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: 25.44 ng

RT: 10.73 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

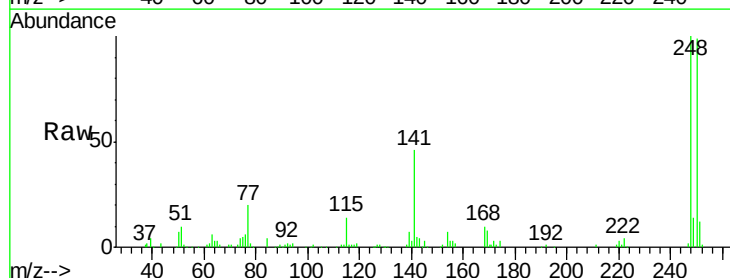
Tgt Ion:248 Resp: 147030

Ion Ratio Lower Upper

248 100

250 99.0 76.9 115.3

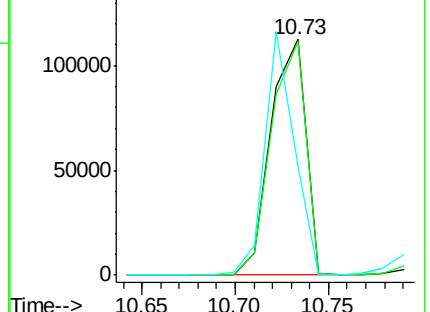
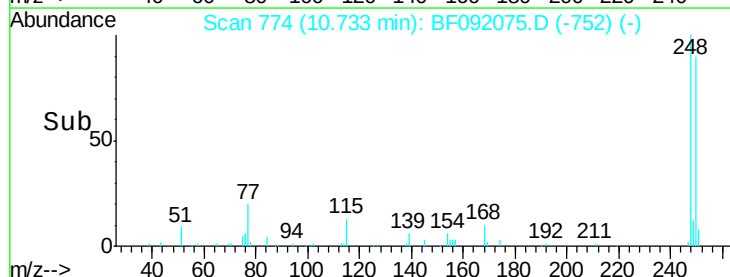
141 46.5 68.2 102.4#

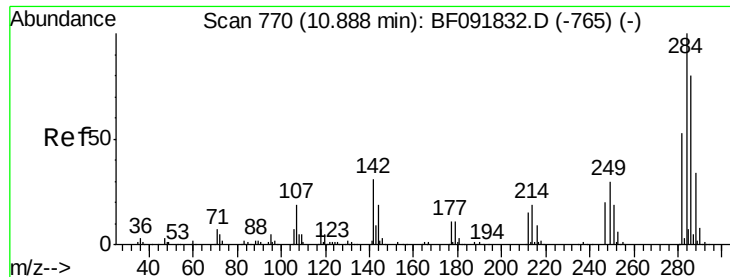


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

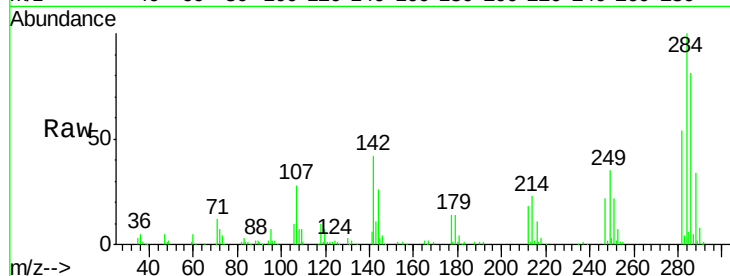




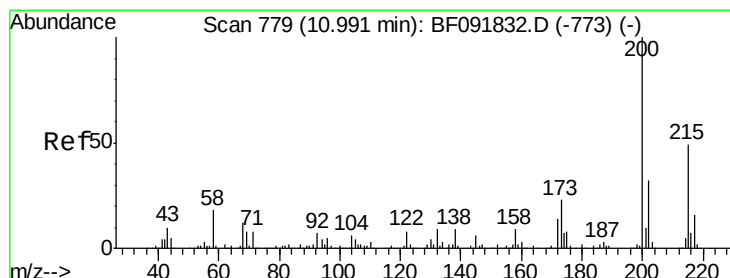
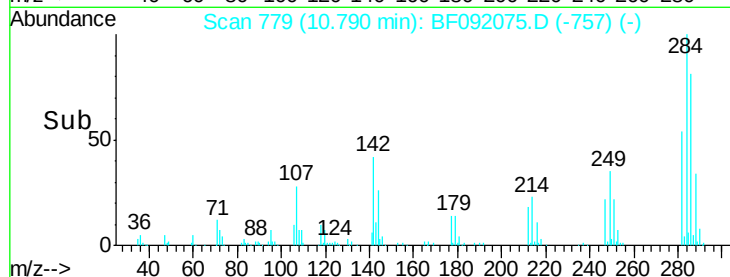
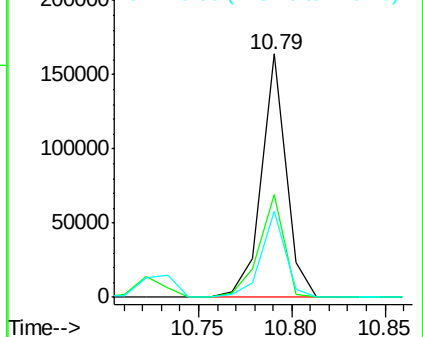
#67
Hexachlorobenzene
Concen: 24.13 ng
RT: 10.79 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tgt Ion:284 Resp: 149070
Ion Ratio Lower Upper
284 100
142 42.3 22.6 33.8#
249 35.1 25.4 38.0

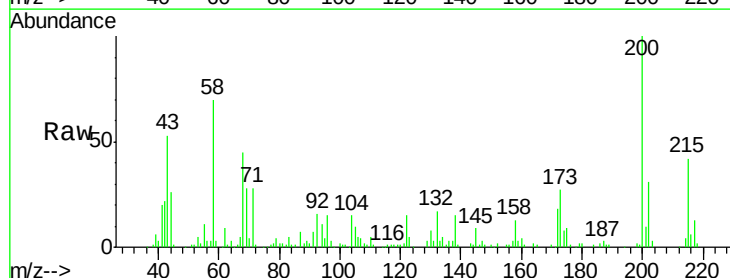


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

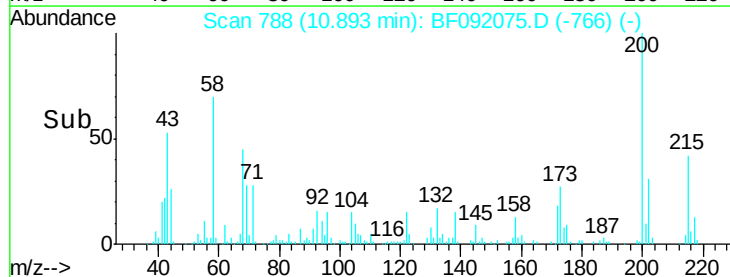
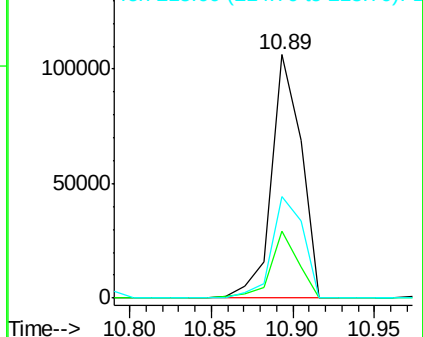


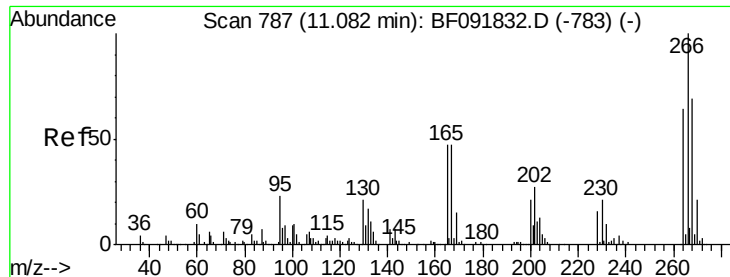
#68
Atrazine
Concen: 25.41 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion:200 Resp: 135096
Ion Ratio Lower Upper
200 100
173 27.4 9.6 49.6
215 41.7 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

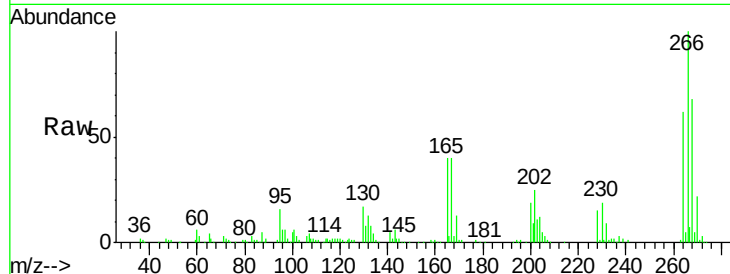




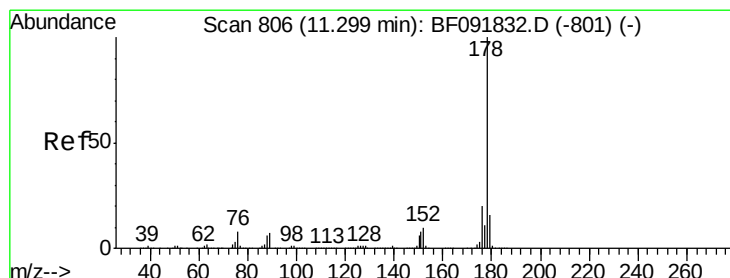
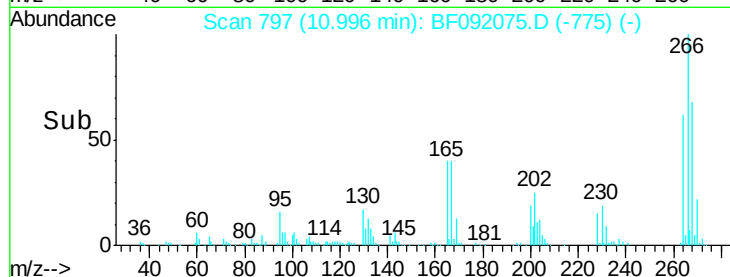
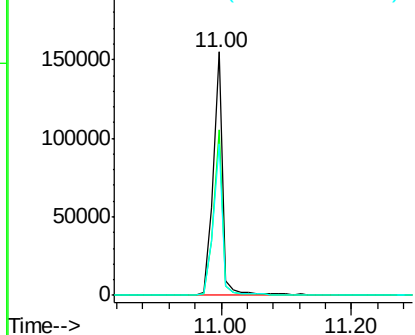
#69
 Pentachlorophenol
 Concen: 53.57 ng
 RT: 11.00 min Scan# 797
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tgt Ion:266 Resp: 162354
 Ion Ratio Lower Upper
 266 100
 268 68.2 53.3 79.9
 264 62.1 50.3 75.5

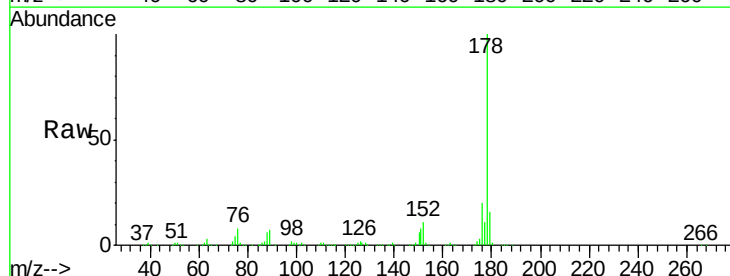


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

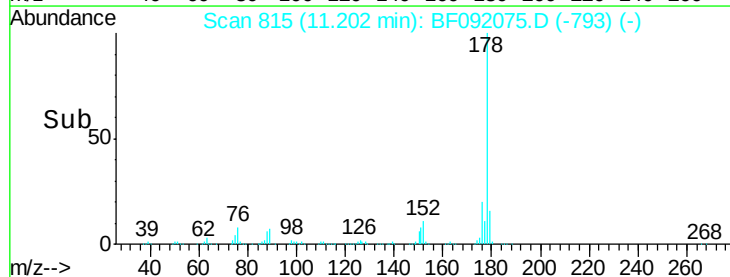
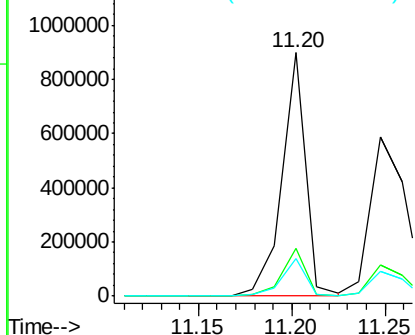


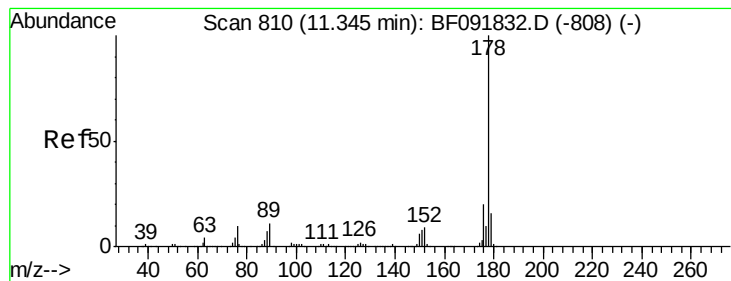
#70
 Phenanthrene
 Concen: 26.40 ng
 RT: 11.20 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion:178 Resp: 795171
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.5 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: 23.53 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.06 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

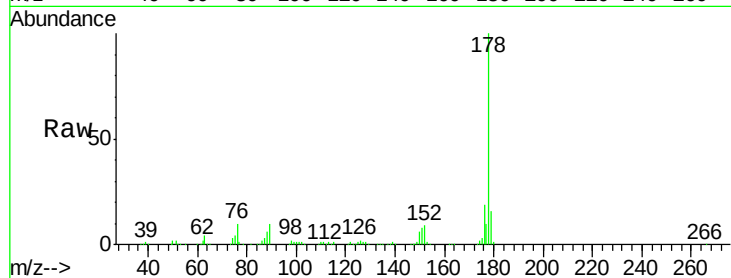
Tgt Ion:178 Resp: 735830

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

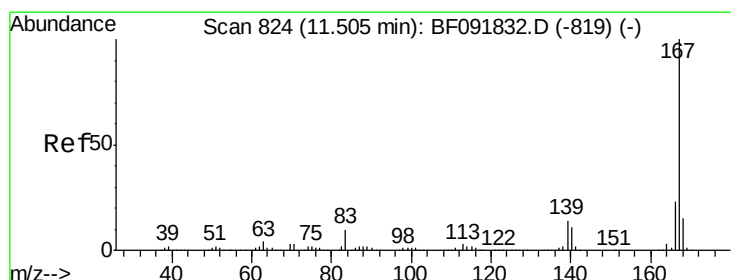
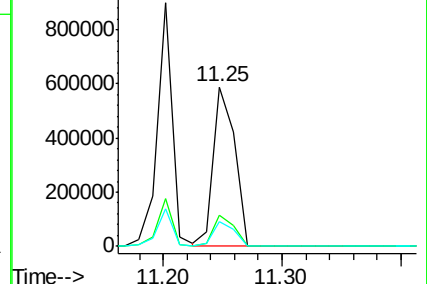
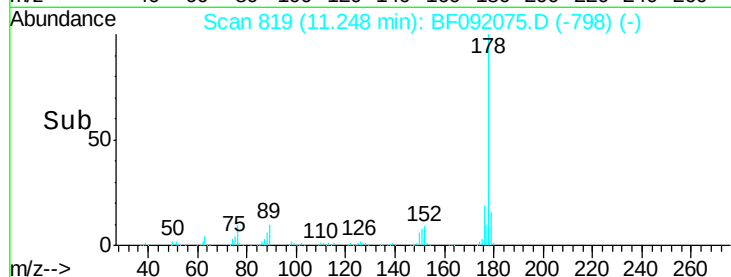
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 23.06 ng

RT: 11.42 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

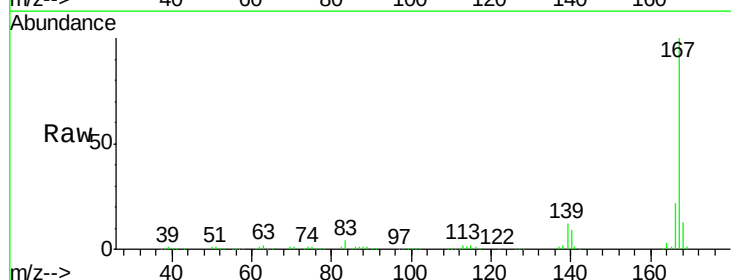
Tgt Ion:167 Resp: 695612

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

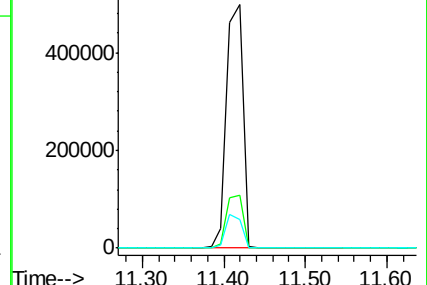
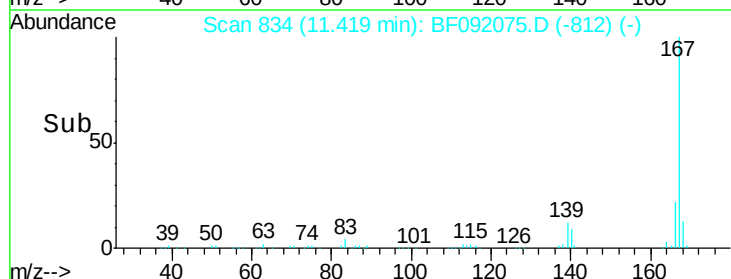
139 11.7 11.4 17.2

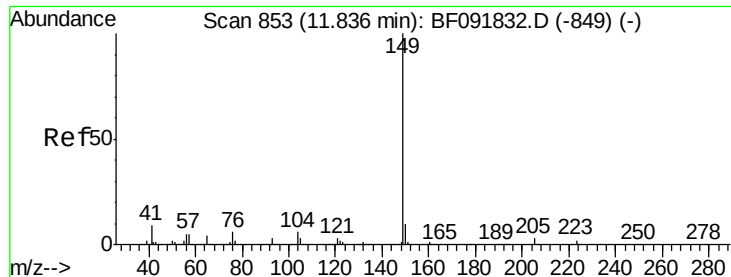


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 28.93 ng

RT: 11.75 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

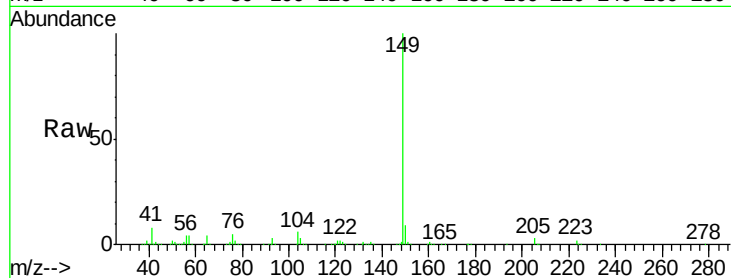
Tgt Ion:149 Resp: 867490

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

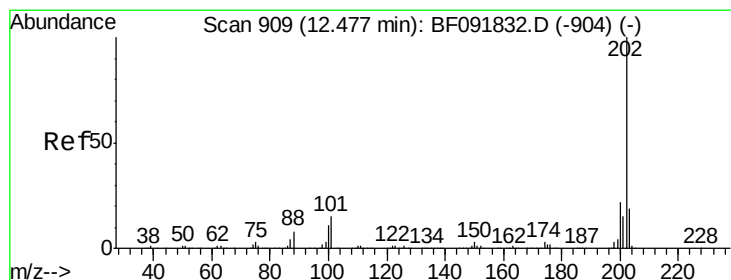
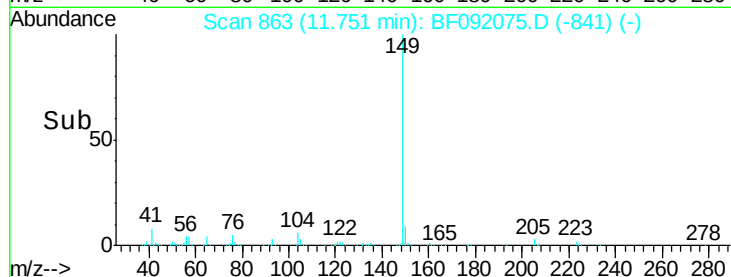
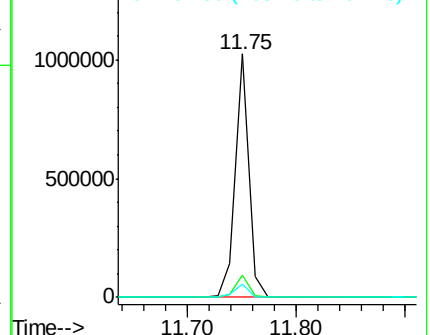
104 5.6 4.6 7.0



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: 26.36 ng

RT: 12.38 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

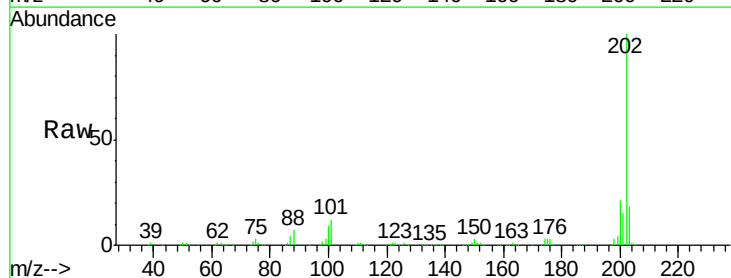
Tgt Ion:202 Resp: 738452

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.6

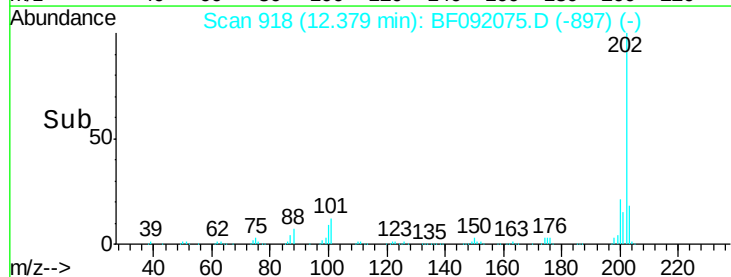
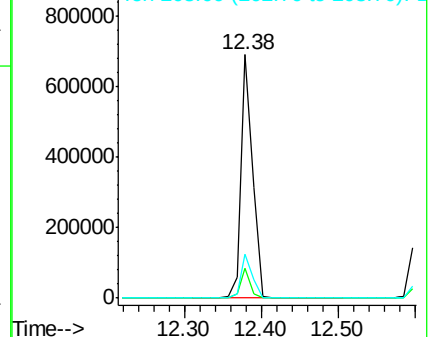
203 18.1 0.0 38.7

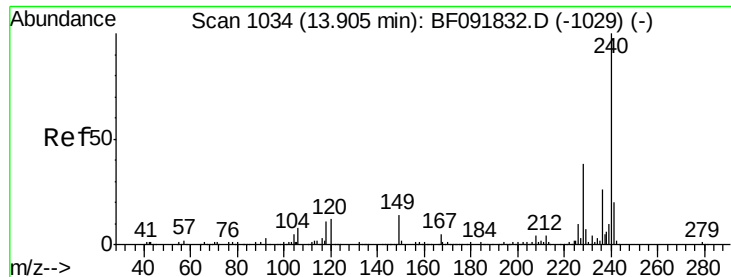


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.81 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

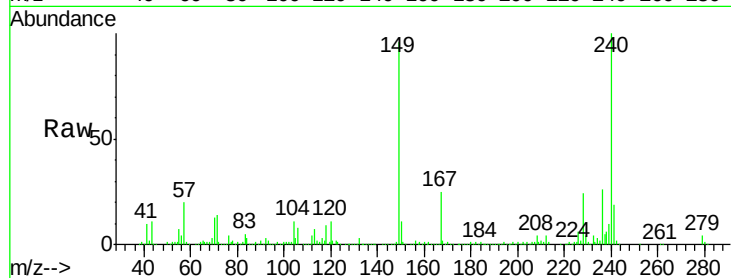
Tgt Ion:240 Resp: 437945

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

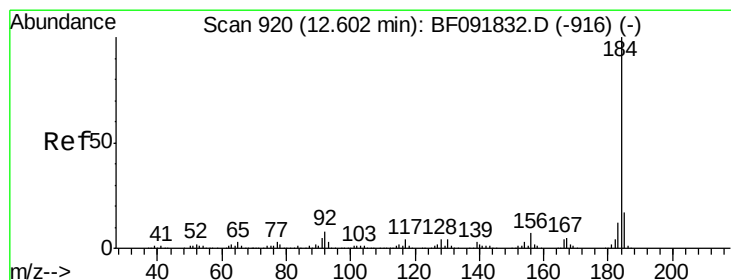
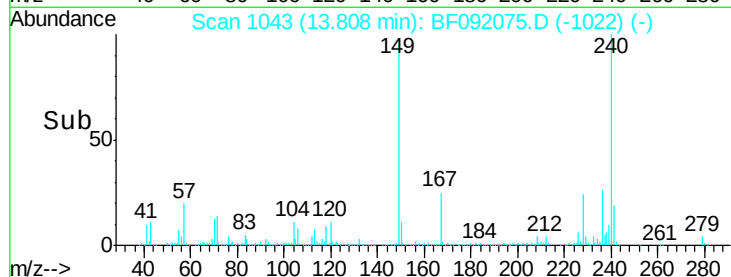
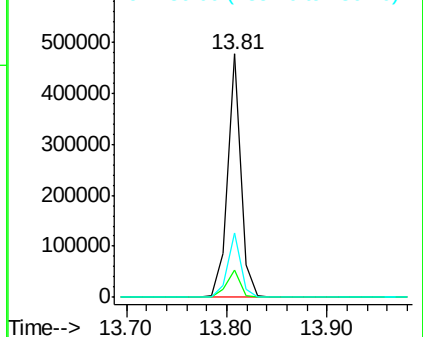
236 26.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.61 ng

RT: 12.52 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF092075.D

Acq: 4 Jan 2017 18:34

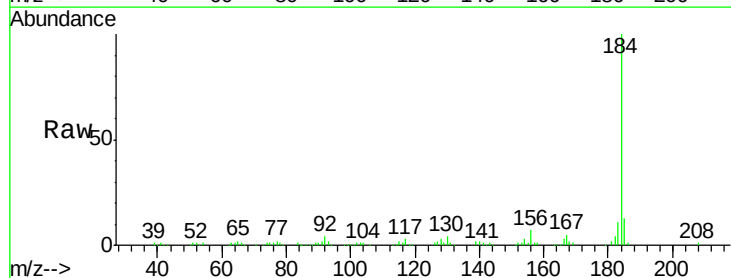
Tgt Ion:184 Resp: 202504

Ion Ratio Lower Upper

184 100

185 13.5 13.4 20.0

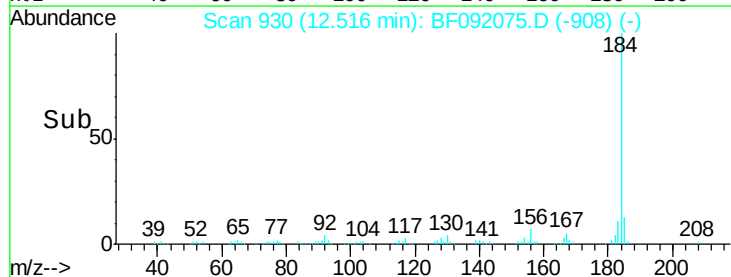
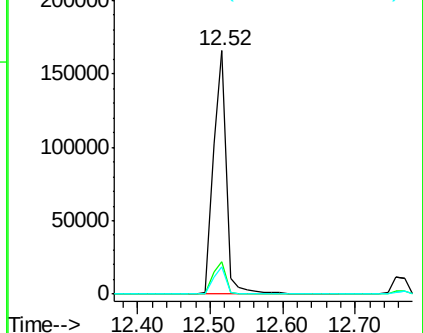
183 11.3 9.2 13.8

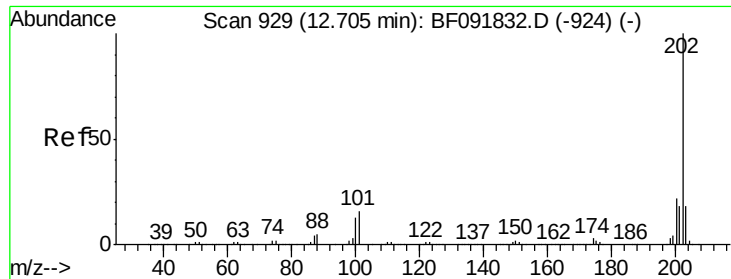


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

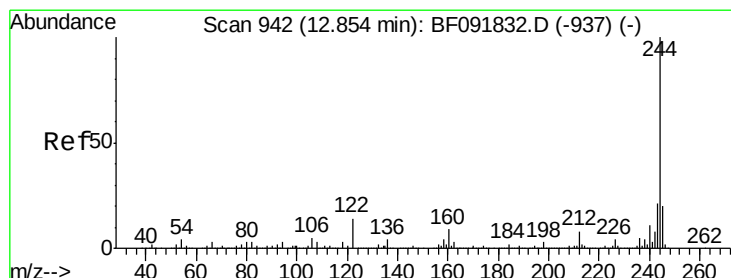
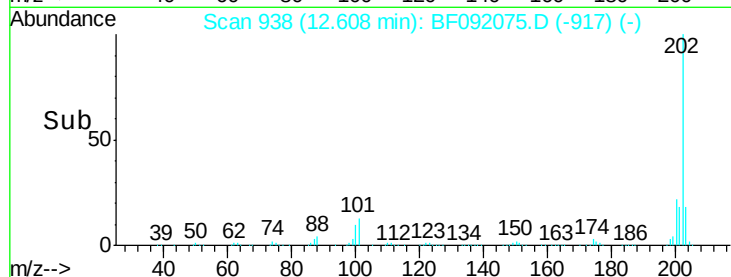
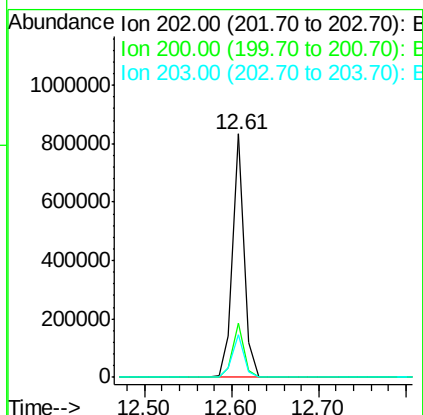
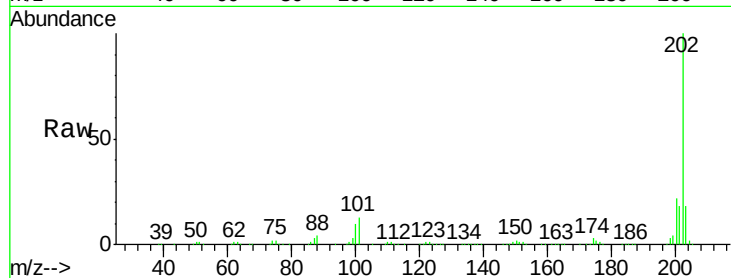




#77
 Pyrene
 Concen: 23.62 ng
 RT: 12.61 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

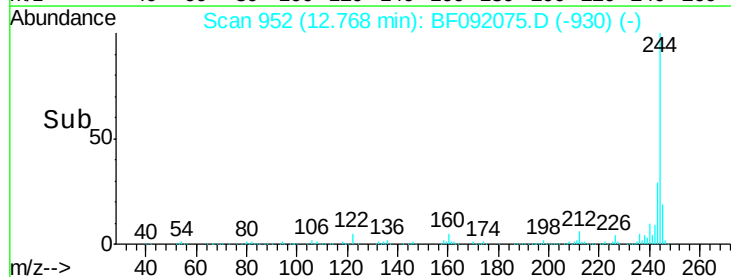
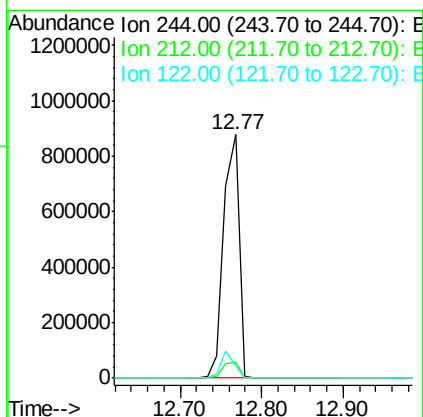
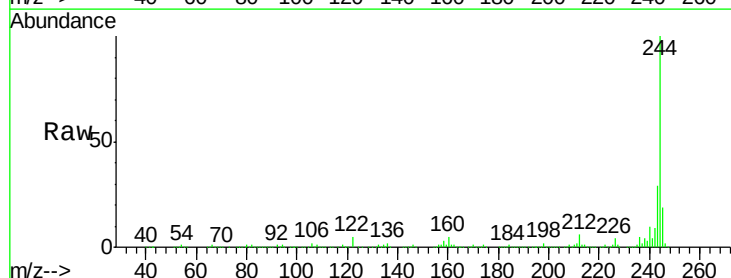
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

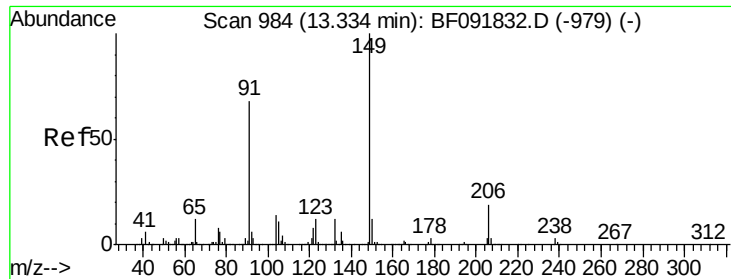
Tgt Ion: 202 Resp: 758812
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 17.6 14.7 22.1



#78
 Terphenyl-d14
 Concen: 63.28 ng
 RT: 12.77 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion: 244 Resp: 1142631
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.2 9.2
 122 4.9 11.4 17.2#

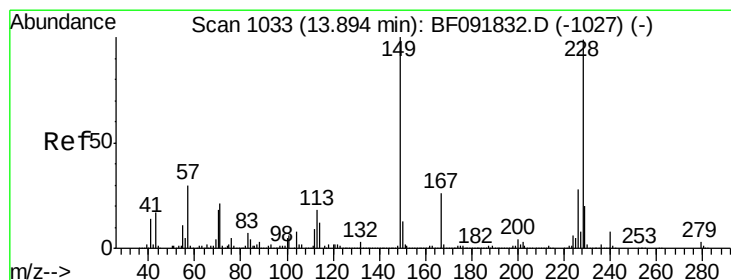
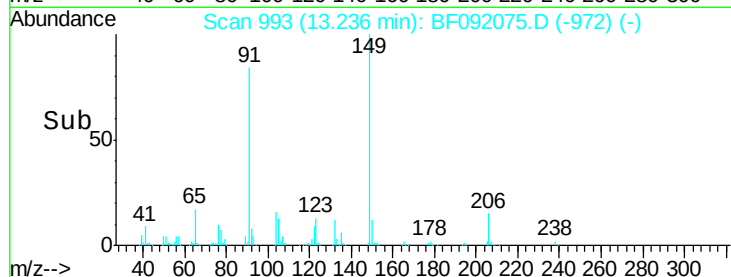
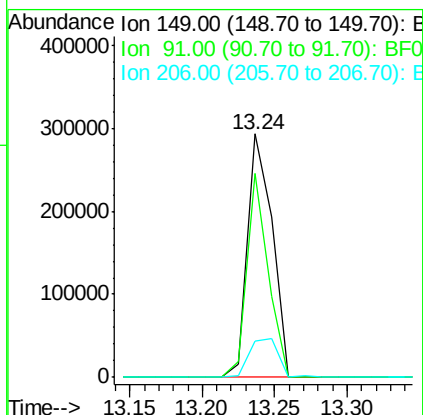
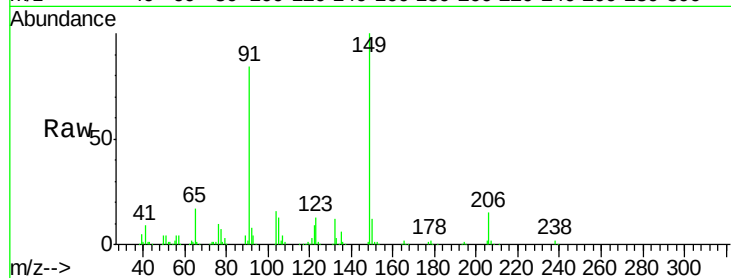




#79
Butylbenzylphthalate
Concen: 23.73 ng
RT: 13.24 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

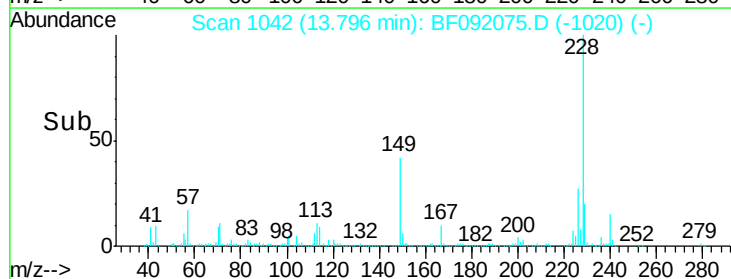
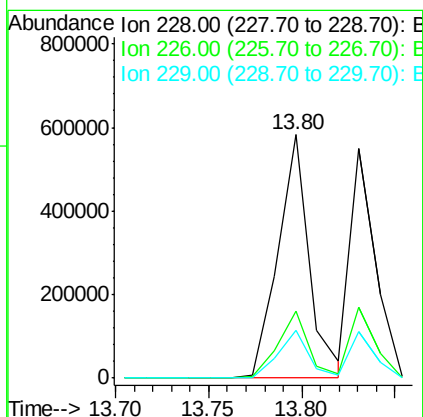
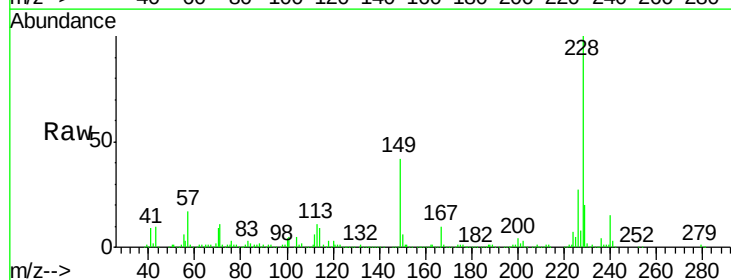
Instrument :
BNA_F
ClientSampleId :
PB95751BS

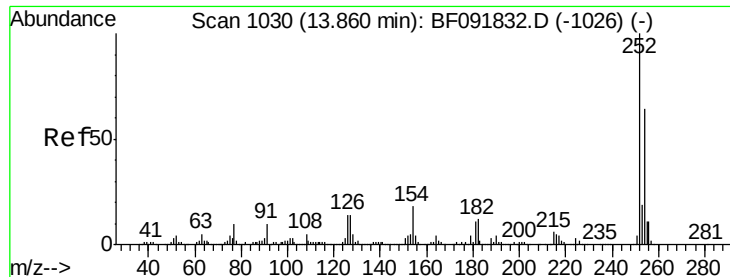
Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.7	63.9	95.9
206	14.6	14.6	21.8



#80
Benzo(a)anthracene
Concen: 27.38 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF092075.D
Acq: 4 Jan 2017 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.4	33.6
229	19.6	16.2	24.4

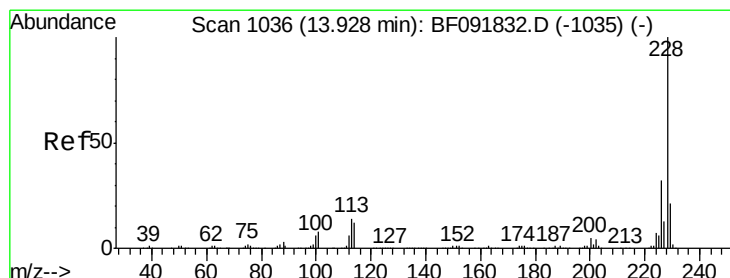
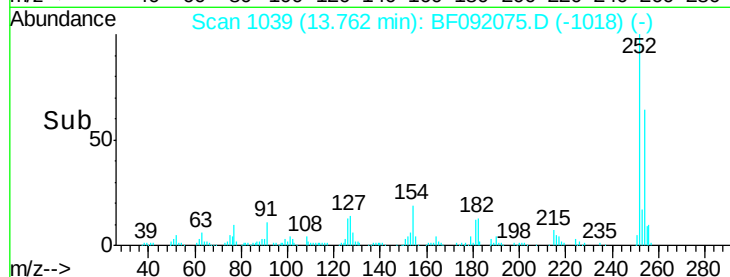
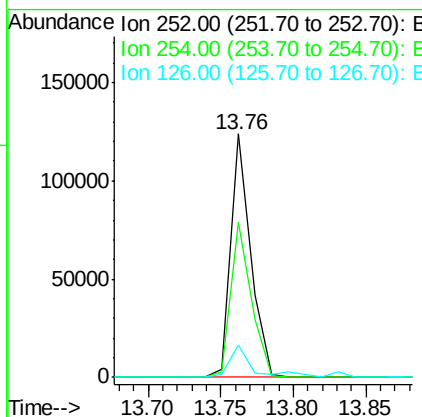
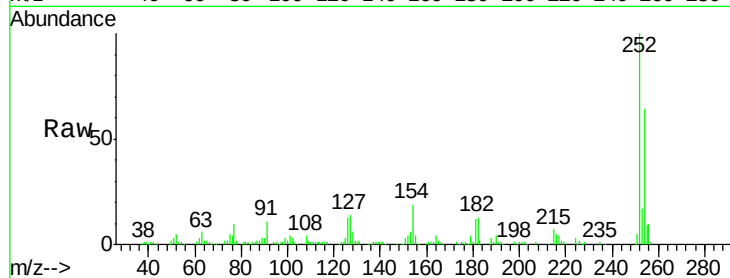




#81
 3,3'-Dichlorobenzidine
 Concen: 12.60 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

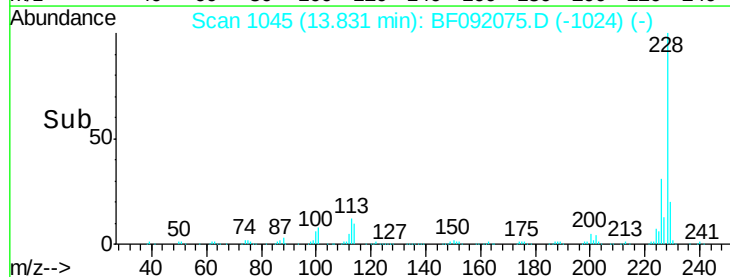
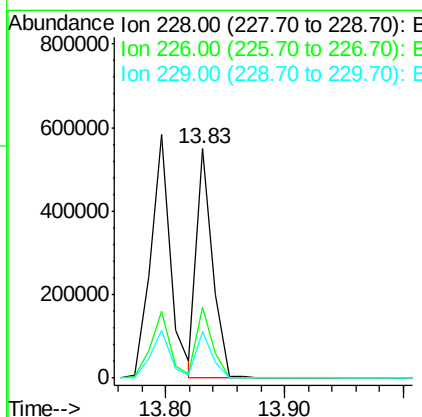
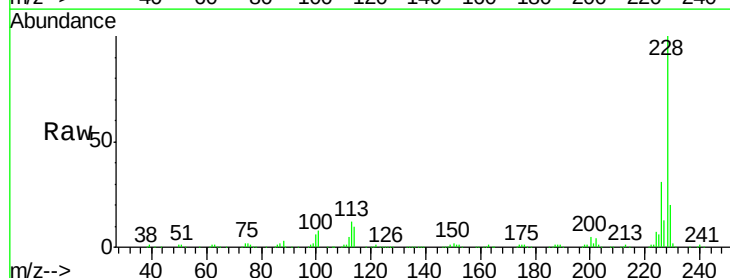
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

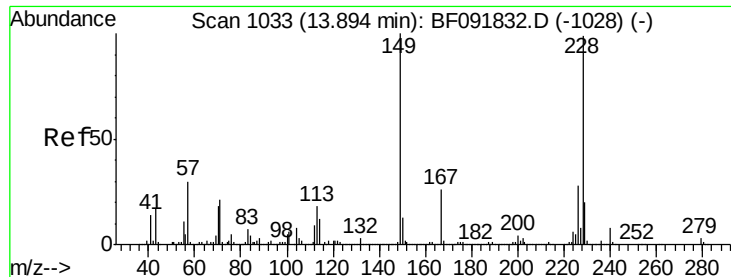
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.3	78.5
126	13.4	13.6	20.4



#82
 Chrysene
 Concen: 21.07 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.06 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.2	16.2	24.2

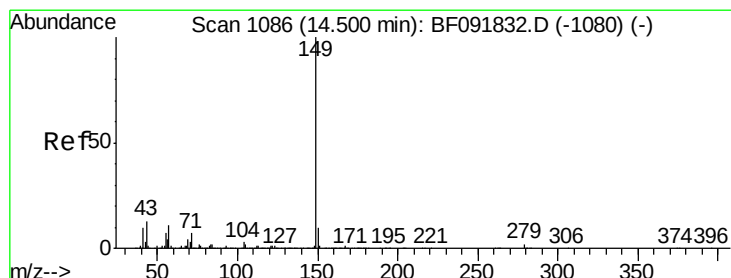
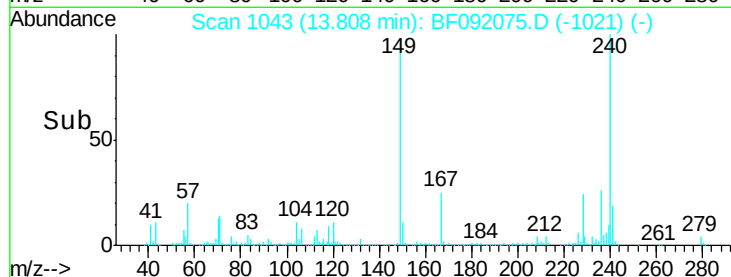
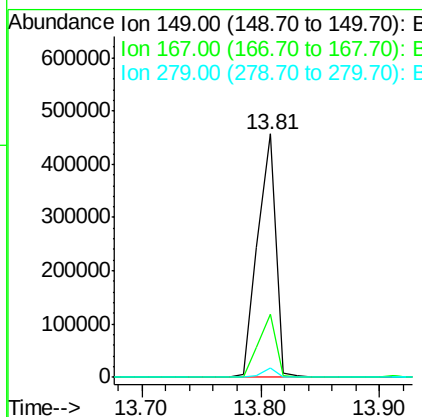
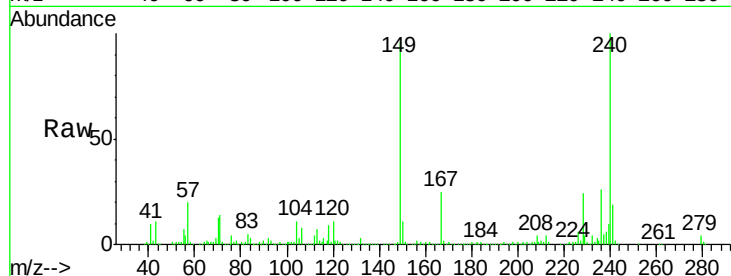




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.70 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

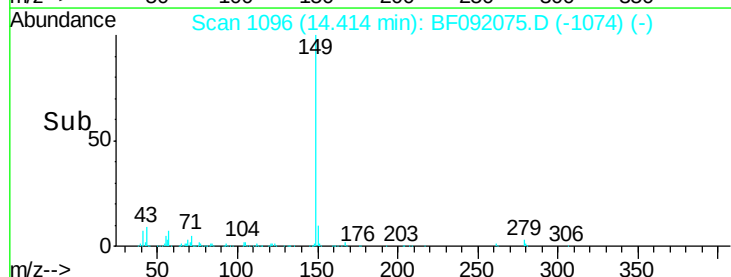
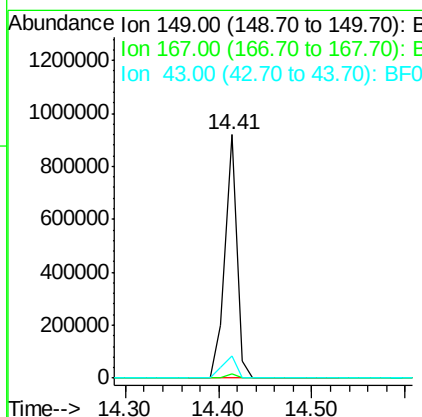
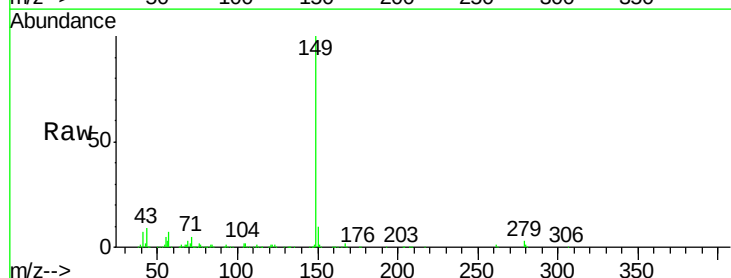
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

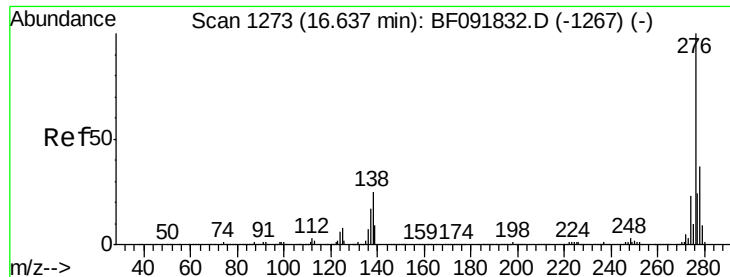
Tgt Ion:149 Resp: 493987
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.2 30.4
 279 4.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 25.75 ng
 RT: 14.41 min Scan# 1096
 Delta R.T. -0.05 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion:149 Resp: 820856
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.4 8.9 13.3

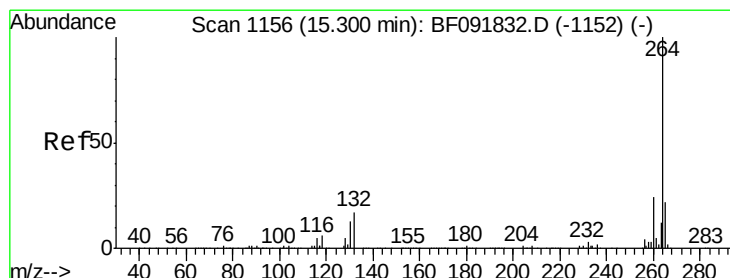
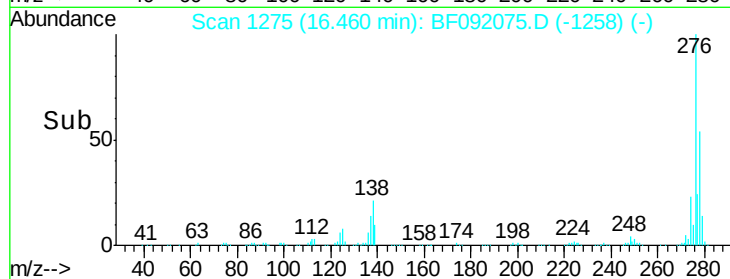
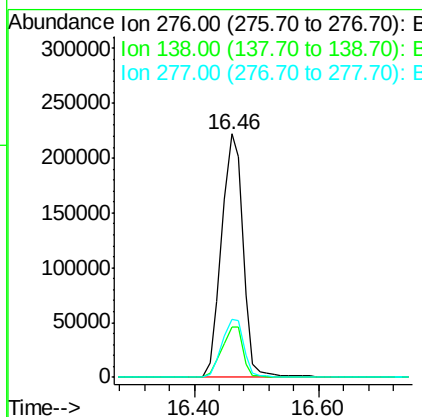
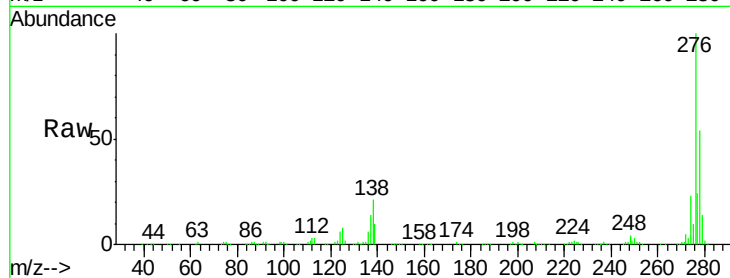




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.77 ng
 RT: 16.46 min Scan# 1275
 Delta R.T. -0.11 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	21.8	32.6#
277	24.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1163
 Delta R.T. -0.07 min
 Lab File: BF092075.D
 Acq: 4 Jan 2017 18:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.4	26.0

