

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091511.D
 Acq On : 8 Dec 2016 19:16
 Operator : UM/SJ
 Sample : PB95122BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Quant Time: Dec 09 00:31:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 00:14:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	180414	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	720241	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	433361	20.00	ng	0.01
63) Phenanthrene-d10	11.34	188	770352	20.00	ng	0.00
75) Chrysene-d12	13.97	240	591762	20.00	ng	0.00
86) Perylene-d12	15.39	264	485982	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	863921	78.23	ng	0.02
7) Phenol-d6	6.46	99	1048903	77.16	ng	0.00
23) Nitrobenzene-d5	7.38	82	670534	52.17	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	388467	94.69	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	1341872	56.07	ng	-0.01
78) Terphenyl-d14	12.93	244	1546949	56.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	107324	21.48	ng	# 82
3) Pyridine	3.19	79	410964	29.07	ng	# 78
4) n-Nitrosodimethylamine	3.16	42	259133	34.93	ng	98
6) Aniline	6.48	93	263927	14.62	ng	# 82
8) 2-Chlorophenol	6.61	128	344858	28.48	ng	93
9) Benzaldehyde	6.36	77	65111	7.45	ng	98
10) Phenol	6.47	94	371496	23.22	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	346605	30.32	ng	96
12) 1,3-Dichlorobenzene	6.76	146	333244m	24.74	ng	
13) 1,4-Dichlorobenzene	6.84	146	365316	27.27	ng	98
14) 1,2-Dichlorobenzene	7.00	146	327728m	26.26	ng	
15) Benzyl Alcohol	6.96	79	274848	25.26	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	622889	25.34	ng	71
17) 2-Methylphenol	7.09	107	265405	27.73	ng	# 76
18) Hexachloroethane	7.34	117	129869	27.30	ng	# 88
19) n-Nitroso-di-n-propylamine	7.24	70	245228	28.63	ng	# 95
20) 3+4-Methylphenols	7.24	107	331878	28.40	ng	# 67
22) Acetophenone	7.24	105	478189	28.01	ng	# 85
24) Nitrobenzene	7.41	77	387027	29.41	ng	# 83
25) Isophorone	7.65	82	647409	28.43	ng	97
26) 2-Nitrophenol	7.73	139	168874	28.16	ng	# 68
27) 2,4-Dimethylphenol	7.76	122	287147	25.60	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	403302	29.43	ng	98
29) 2,4-Dichlorophenol	7.97	162	296916	30.09	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	323600	29.25	ng	97
31) Naphthalene	8.13	128	931020	27.20	ng	100
32) Benzoic acid	7.90	122	218765	26.46	ng	87
33) 4-Chloroaniline	8.18	127	47411	3.24	ng	98
34) Hexachlorobutadiene	8.25	225	203227	29.87	ng	99
35) Caprolactam	8.55	113	86389m	30.46	ng	
36) 4-Chloro-3-methylphenol	8.66	107	289878	27.21	ng	95
37) 2-Methylnaphthalene	8.82	142	654583	28.15	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	307602	25.18	ng	99
40) Hexachlorocyclopentadiene	8.97	237	371449	65.59	ng	99

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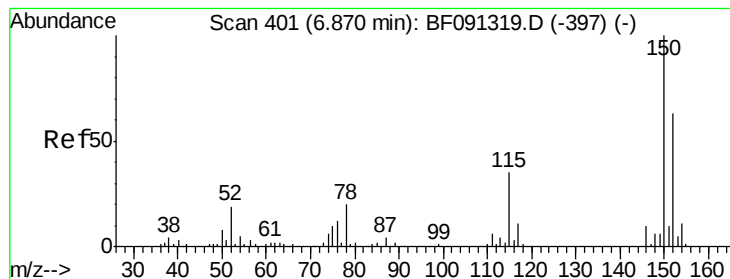
Instrument :
 BNA_F
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Quant Time: Dec 09 00:31:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	228426m	28.77	ng	
43) 2,4,5-Trichlorophenol	9.14	196	237237m	29.82	ng	
45) 1,1'-Biphenyl	9.28	154	803282	25.78	ng	96
46) 2-Chloronaphthalene	9.30	162	594940	25.64	ng	99
47) 2-Nitroaniline	9.40	65	200741	24.08	ng	# 72
48) Acenaphthylene	9.72	152	896367	24.54	ng	99
49) Dimethylphthalate	9.59	163	762237	29.05	ng	98
50) 2,6-Dinitrotoluene	9.65	165	187299	31.94	ng	# 77
51) Acenaphthene	9.89	154	706077	28.65	ng	97
52) 3-Nitroaniline	9.81	138	78512	11.57	ng	82
53) 2,4-Dinitrophenol	9.92	184	209412	81.65	ng	# 81
54) Dibenzofuran	10.06	168	888592	26.93	ng	99
55) 4-Nitrophenol	9.98	139	228013	46.50	ng	97
56) 2,4-Dinitrotoluene	10.05	165	220788	29.02	ng	# 69
57) Fluorene	10.40	166	654973	25.86	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	211666	31.15	ng	93
59) Diethylphthalate	10.29	149	742737	28.67	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	361786	28.48	ng	97
61) 4-Nitroaniline	10.42	138	149256	23.41	ng	88
62) Azobenzene	10.56	77	779799	29.50	ng	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	127148	29.96	ng	# 33
65) n-Nitrosodiphenylamine	10.52	169	579461	24.81	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	225531	27.24	ng	# 72
67) Hexachlorobenzene	10.95	284	233792	26.13	ng	# 85
68) Atrazine	11.05	200	210687	27.85	ng	91
69) Pentachlorophenol	11.14	266	269588	51.18	ng	95
70) Phenanthrene	11.36	178	948246	23.69	ng	100
71) Anthracene	11.42	178	1135144	28.57	ng	99
72) Carbazole	11.57	167	892246	24.75	ng	98
73) Di-n-butylphthalate	11.91	149	1136143	27.81	ng	98
74) Fluoranthene	12.55	202	1180086	31.12	ng	95
76) Benzidine	12.66	184	362561	20.87	ng	98
77) Pyrene	12.78	202	1150080	25.61	ng	99
79) Butylbenzylphthalate	13.40	149	445536	26.49	ng	97
80) Benzo(a)anthracene	13.96	228	939028	27.13	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	196537	16.12	ng	99
82) Chrysene	14.00	228	938563	27.41	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	588090	27.59	ng	98
84) Di-n-octyl phthalate	14.57	149	1023085	31.72	ng	94
85) Indeno(1,2,3-cd)pyrene	16.76	276	750467	23.93	ng	# 91
87) Benzo(b)fluoranthene	14.99	252	880268m	29.14	ng	
88) Benzo(k)fluoranthene	15.01	252	650461m	25.61	ng	
89) Benzo(a)pyrene	15.33	252	715728	26.38	ng	# 93
90) Dibenzo(a,h)anthracene	16.78	278	623602	24.85	ng	# 90
91) Benzo(g,h,i)perylene	17.17	276	634426	24.52	ng	# 95

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

Page: 3

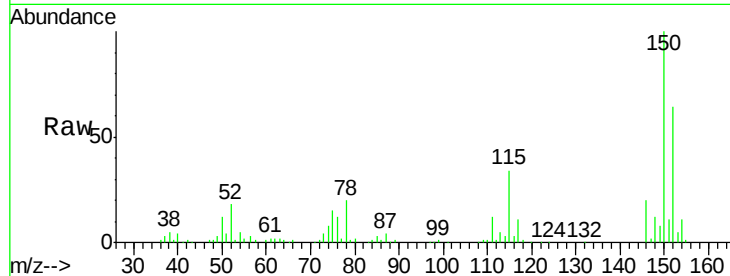


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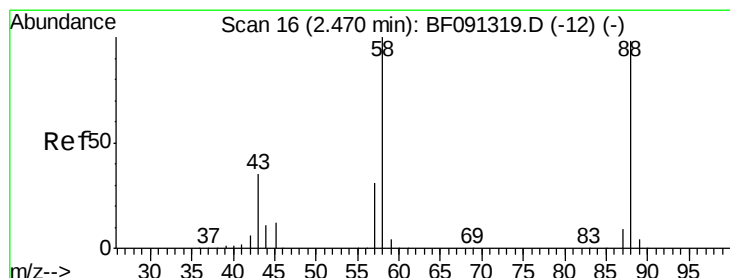
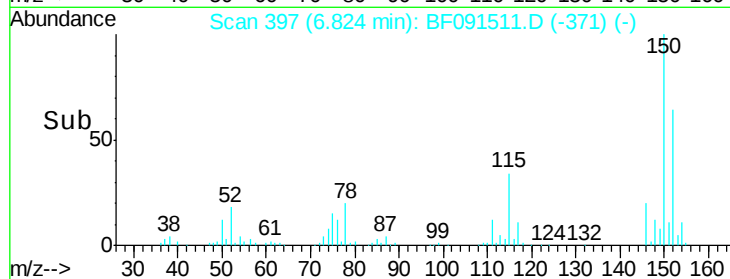
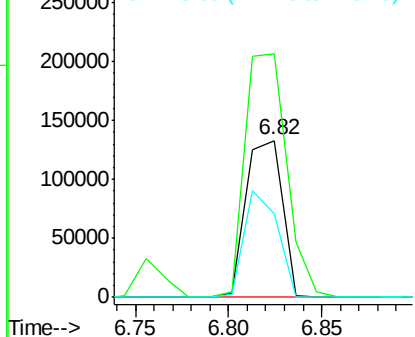
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tgt Ion:152 Resp: 180414
Ion Ratio Lower Upper
152 100
150 155.1 122.5 183.7
115 53.4 51.8 77.8



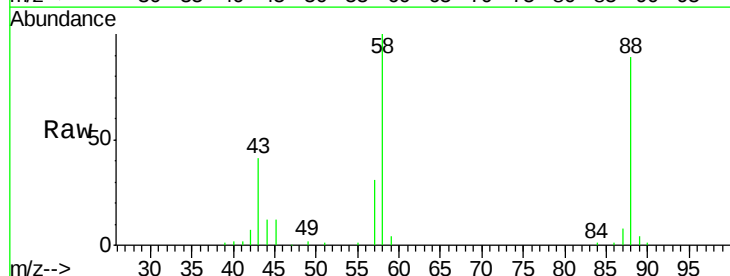
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



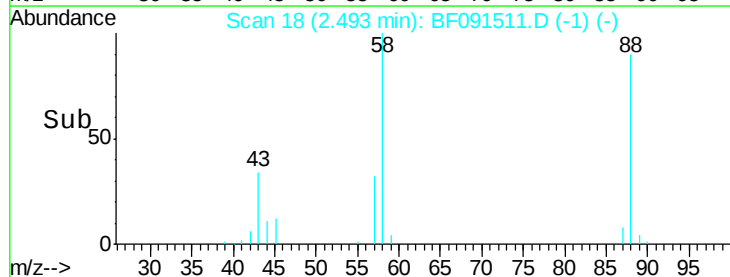
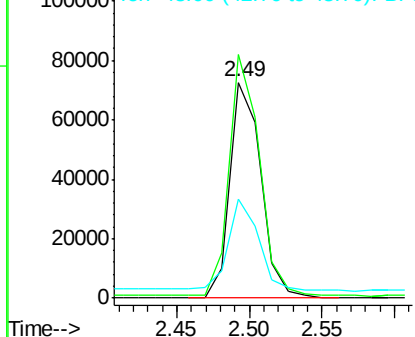
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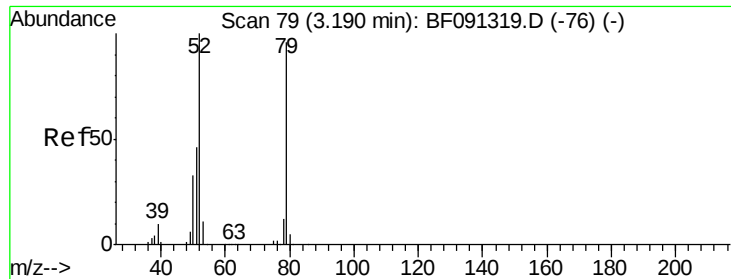
1,4-Dioxane
Concen: 21.48 ng
RT: 2.49 min Scan# 18
Delta R.T. 0.10 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion: 88 Resp: 107324
Ion Ratio Lower Upper
88 100
58 109.6 70.3 105.5#
43 42.6 31.3 46.9



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: 29.07 ng

RT: 3.19 min Scan# 79

Delta R.T. 0.09 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

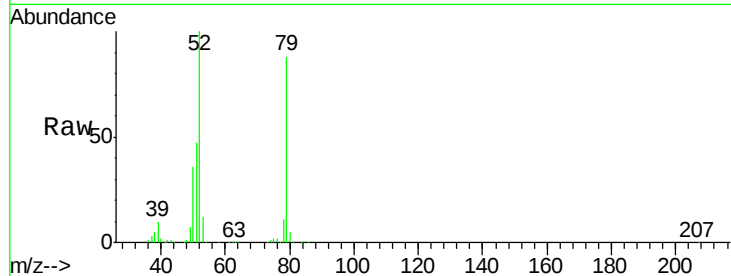
Tgt Ion: 79 Resp: 410964

Ion Ratio Lower Upper

79 100

52 114.3 71.0 106.4#

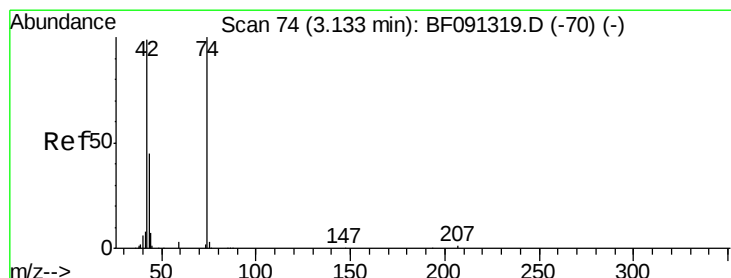
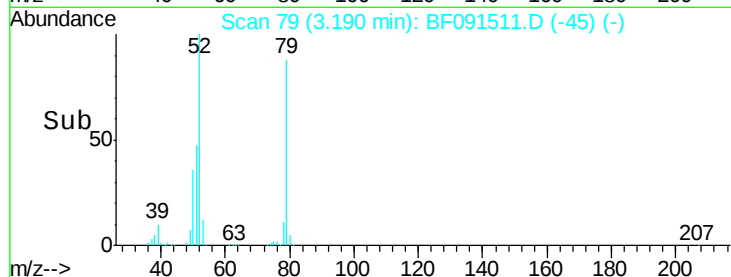
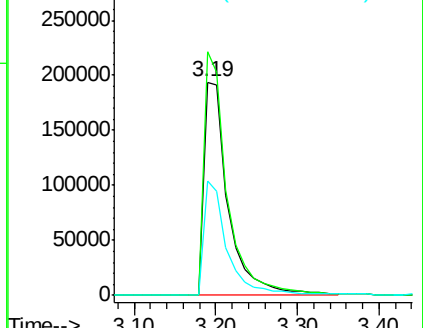
51 53.8 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.93 ng

RT: 3.16 min Scan# 76

Delta R.T. 0.10 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

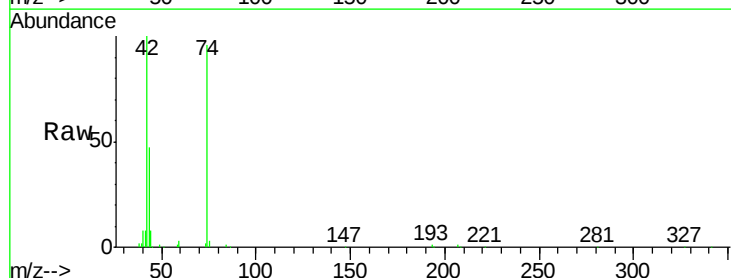
Tgt Ion: 42 Resp: 259133

Ion Ratio Lower Upper

42 100

74 96.0 78.9 118.3

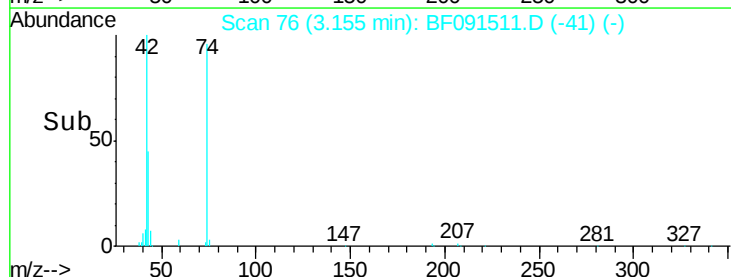
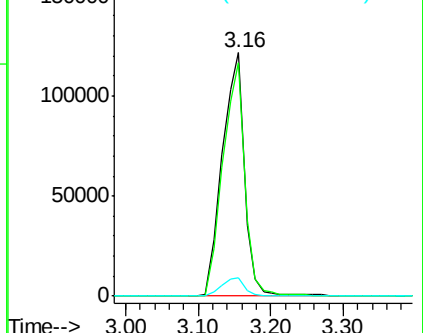
44 7.7 5.8 8.6

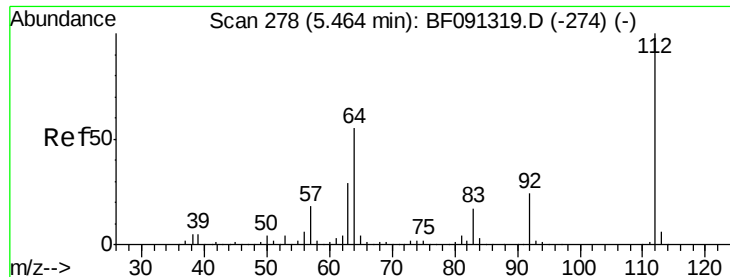


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.23 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

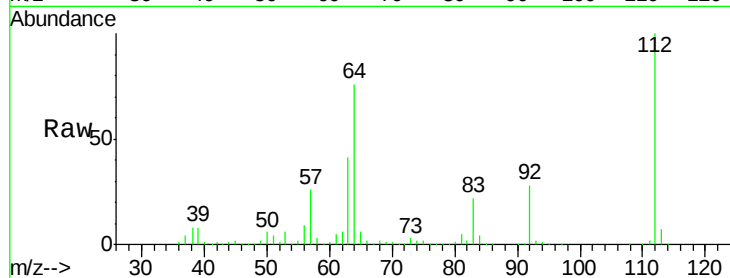
Instrument :

BNA_F

ClientSampleId :

PB95122BS

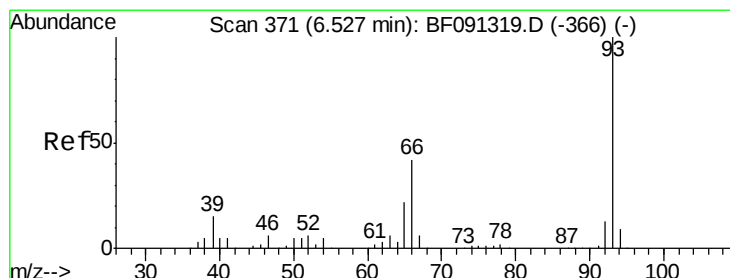
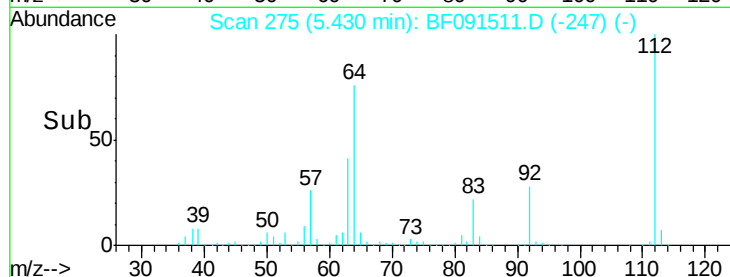
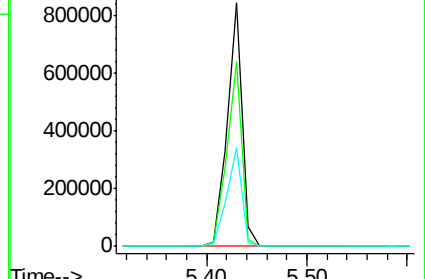
Tgt Ion:	112	Resp:	863921
Ion	Ratio	Lower	Upper
112	100		
64	76.0	61.5	92.3
63	40.8	33.3	49.9



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: 14.62 ng

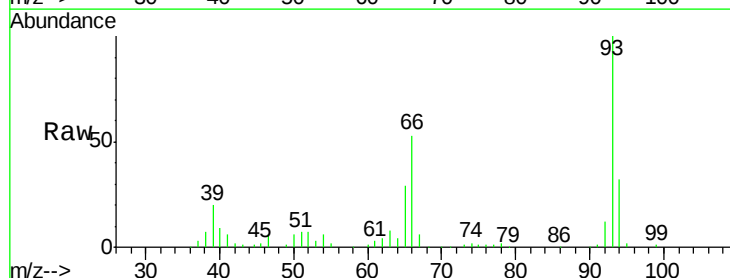
RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

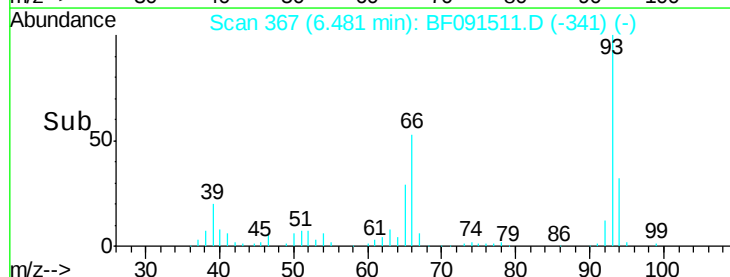
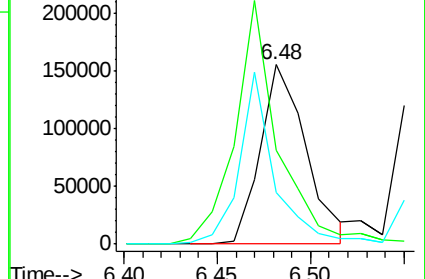
Tgt Ion:	93	Resp:	263927
Ion	Ratio	Lower	Upper
93	100		
66	52.7	55.8	83.6#
65	28.8	29.9	44.9#

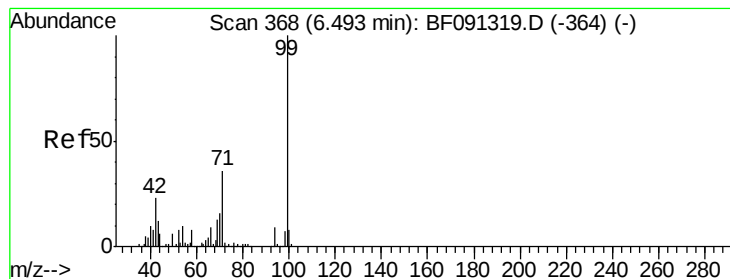


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.16 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

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ClientSampleId :

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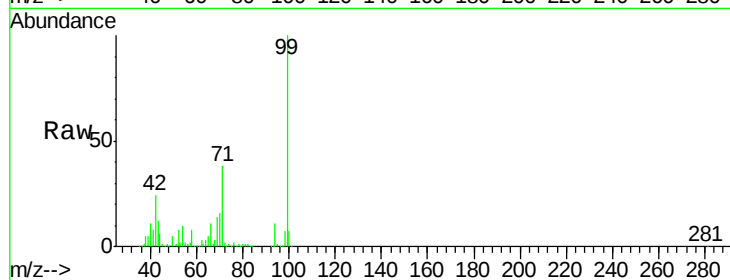
Tgt Ion: 99 Resp: 1048903

Ion Ratio Lower Upper

99 100

42 23.6 20.6 31.0

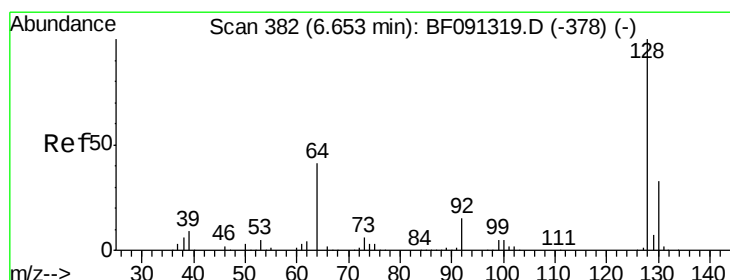
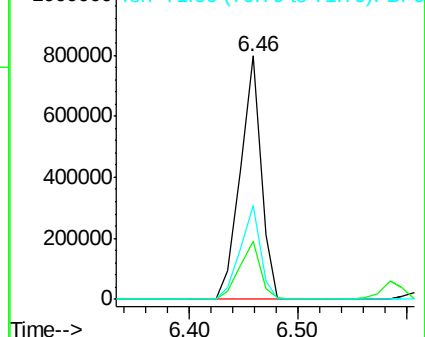
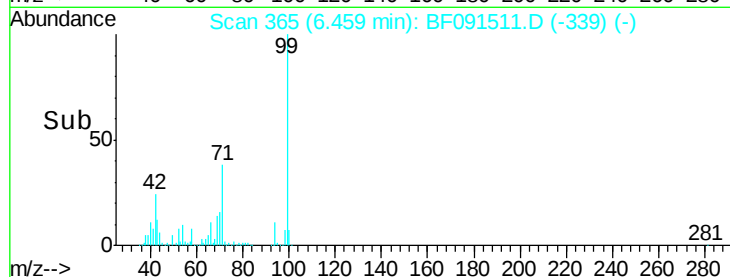
71 38.4 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 28.48 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

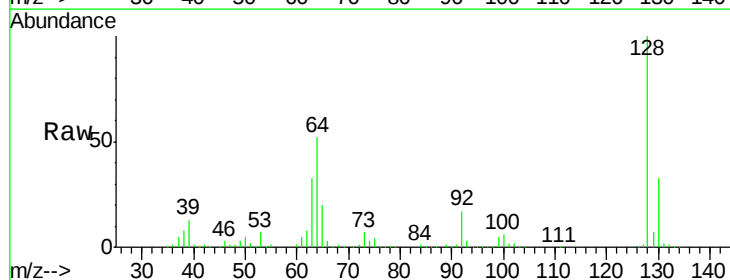
Tgt Ion: 128 Resp: 344858

Ion Ratio Lower Upper

128 100

130 33.3 13.1 53.1

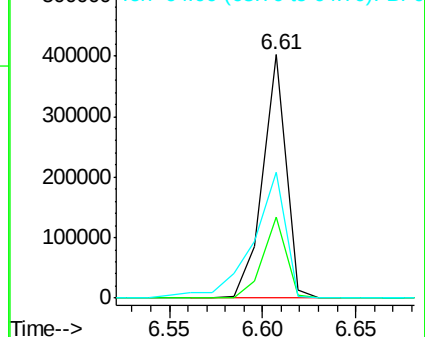
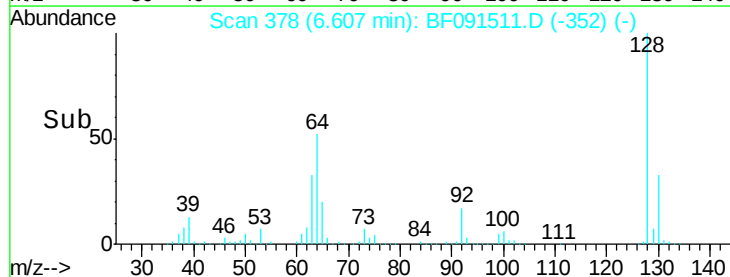
64 51.6 24.1 64.1

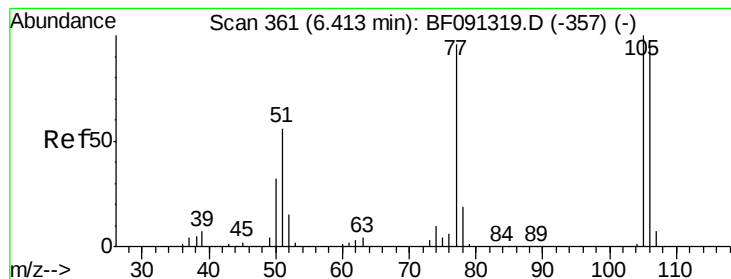


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.45 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

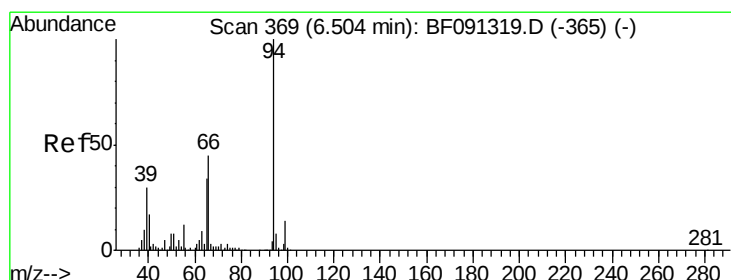
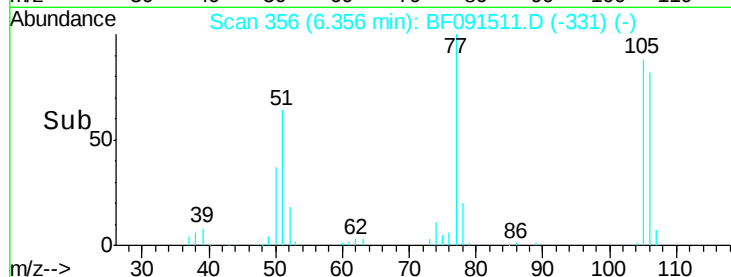
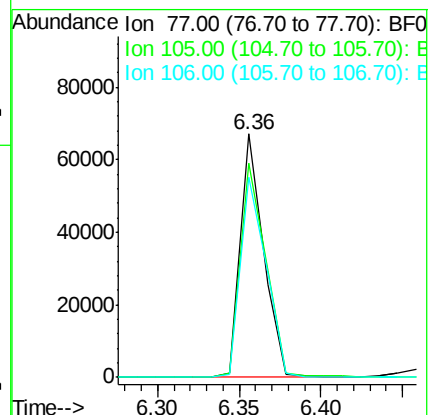
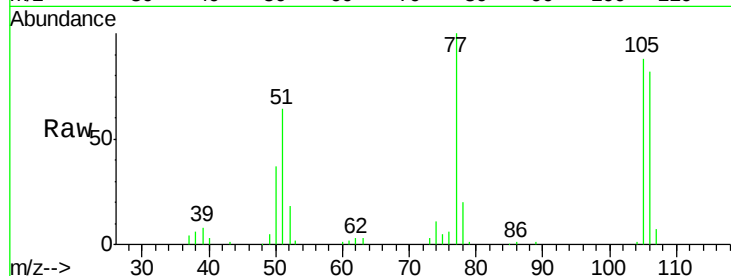
Tgt Ion: 77 Resp: 65111

Ion Ratio Lower Upper

77 100

105 88.2 66.4 106.4

106 82.2 60.9 100.9



#10

Phenol

Concen: 23.22 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

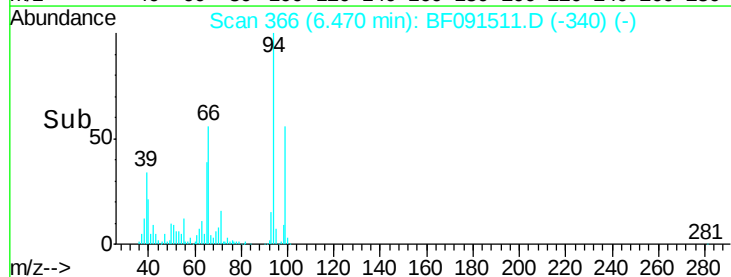
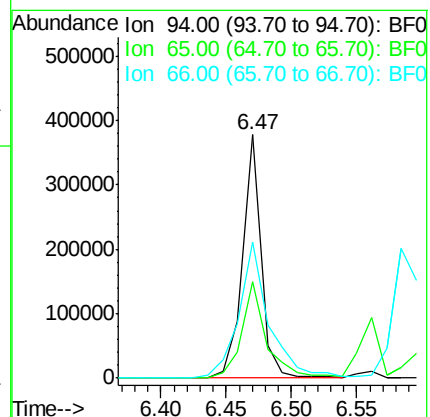
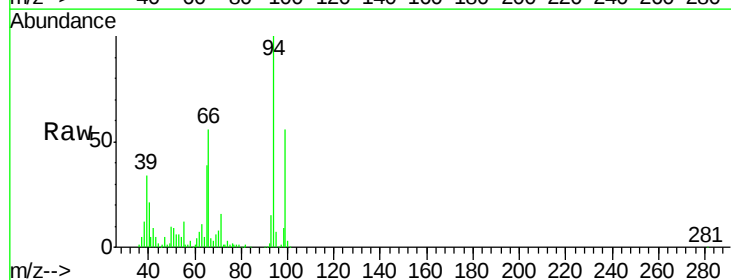
Tgt Ion: 94 Resp: 371496

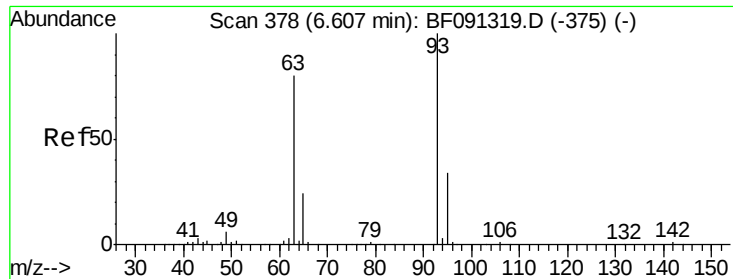
Ion Ratio Lower Upper

94 100

65 39.5 16.9 56.9

66 55.7 30.6 70.6

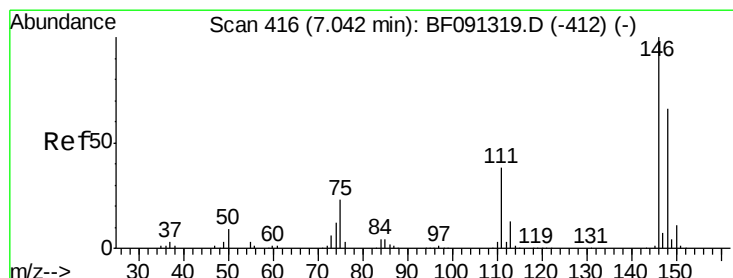
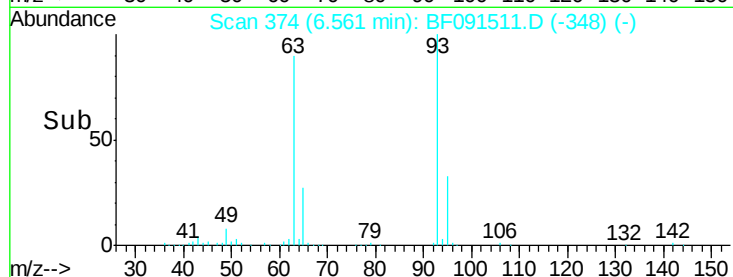
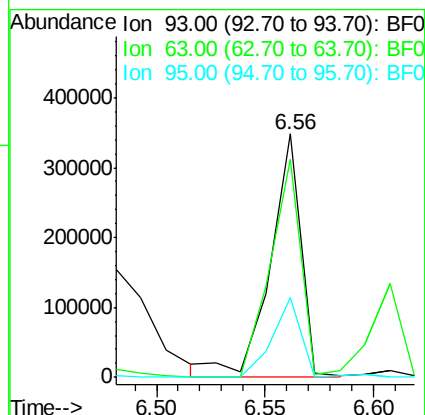
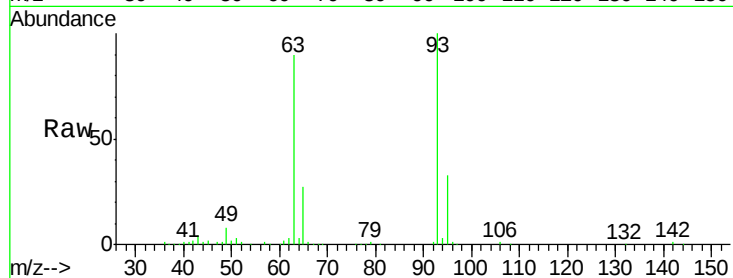




#11
bis(2-Chloroethyl)ether
Concen: 30.32 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

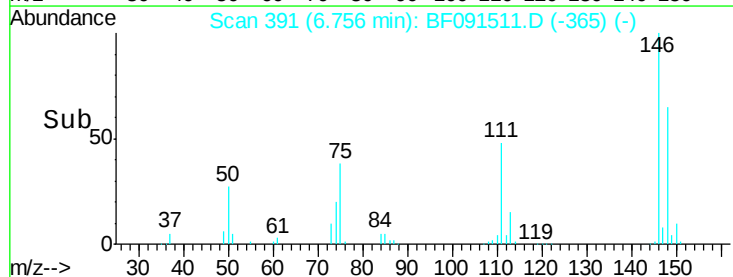
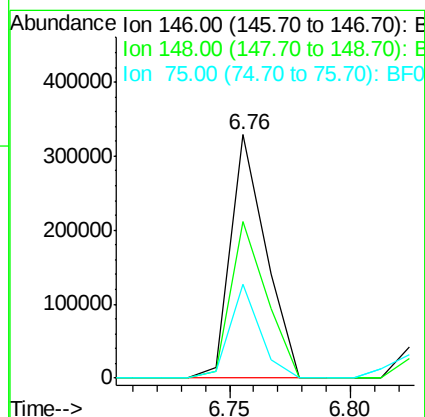
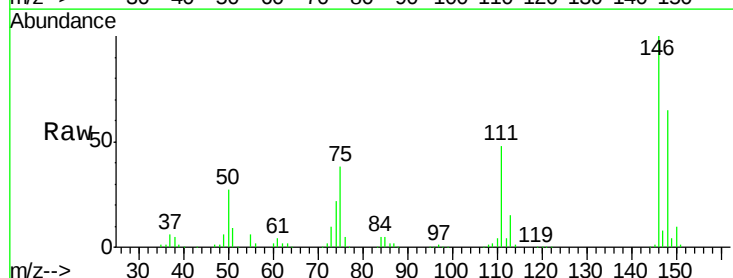
Instrument :
BNA_F
ClientSampleId :
PB95122BS

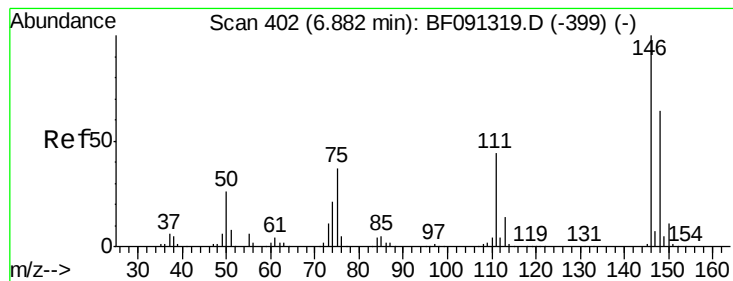
Tgt Ion: 93 Resp: 346605
Ion Ratio Lower Upper
93 100
63 89.7 74.8 114.8
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 24.74 ng m
RT: 6.76 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion: 146 Resp: 333244
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
75 38.3 23.6 35.4#





#13

1,4-Dichlorobenzene

Concen: 27.27 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

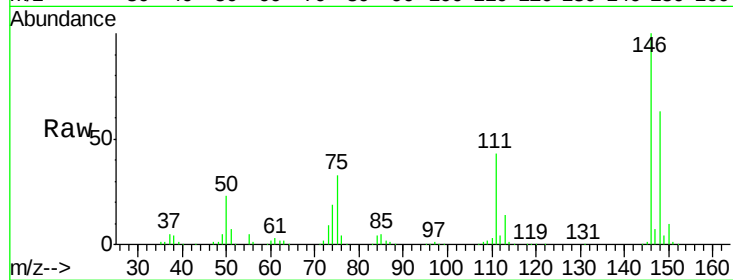
Tgt Ion:146 Resp: 365316

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.0

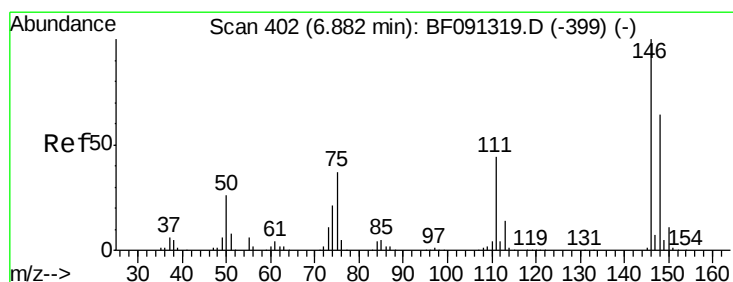
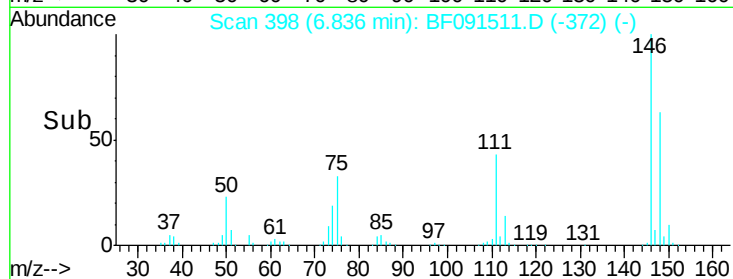
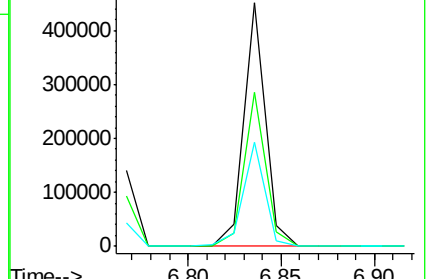
111 42.8 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 26.26 ng m

RT: 7.00 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

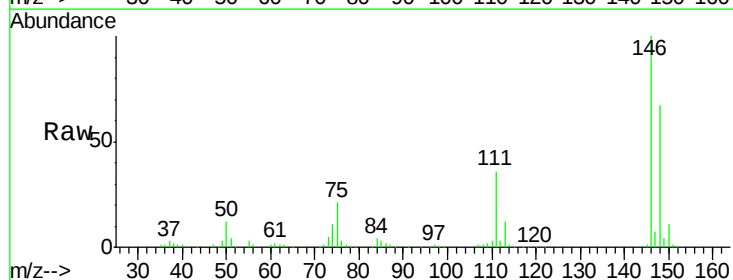
Tgt Ion:146 Resp: 327728

Ion Ratio Lower Upper

146 100

148 66.7 51.0 76.6

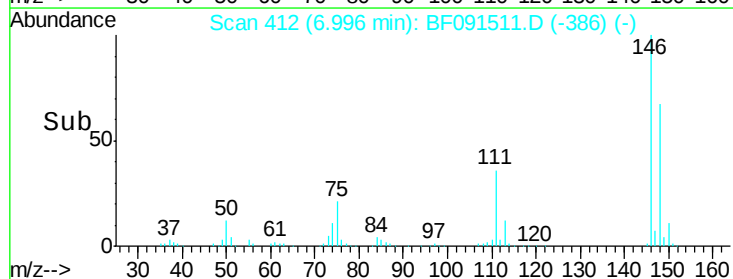
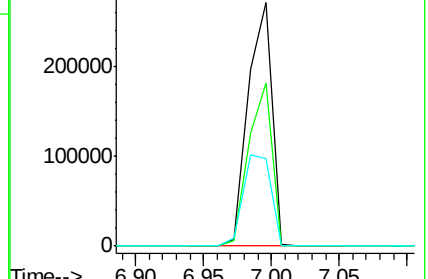
111 35.8 38.9 58.3#

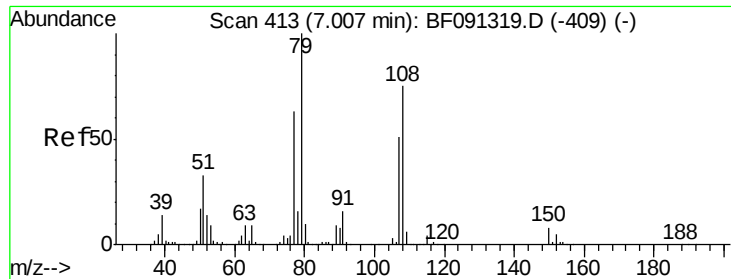


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.26 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

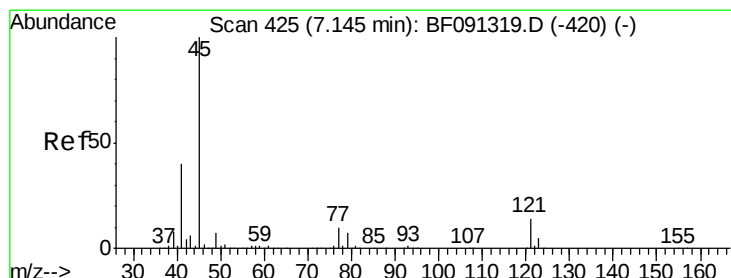
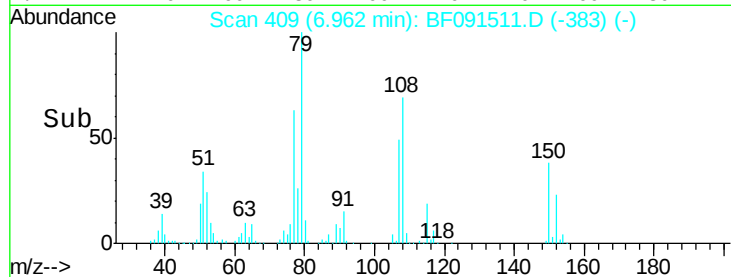
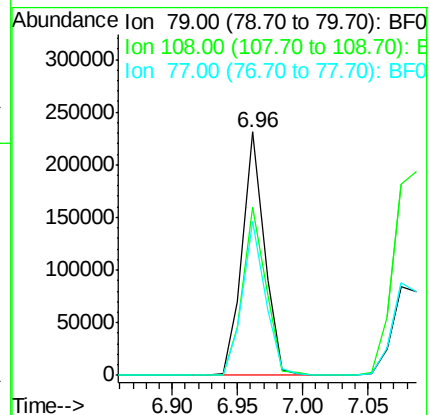
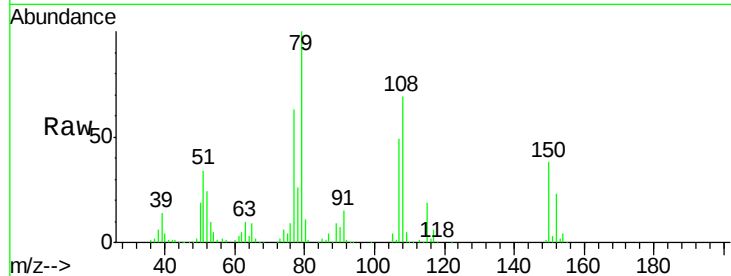
Tgt Ion: 79 Resp: 274848

Ion Ratio Lower Upper

79 100

108 69.1 62.7 94.1

77 63.5 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.34 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

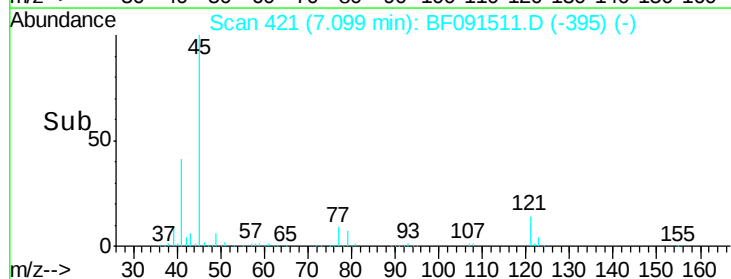
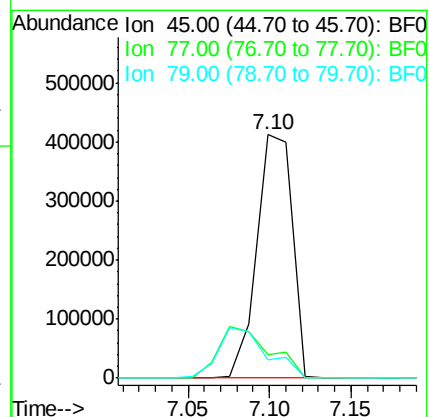
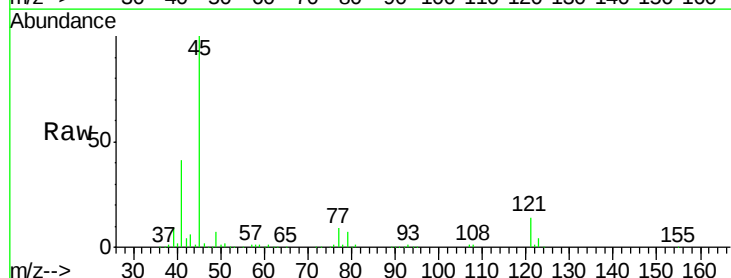
Tgt Ion: 45 Resp: 622889

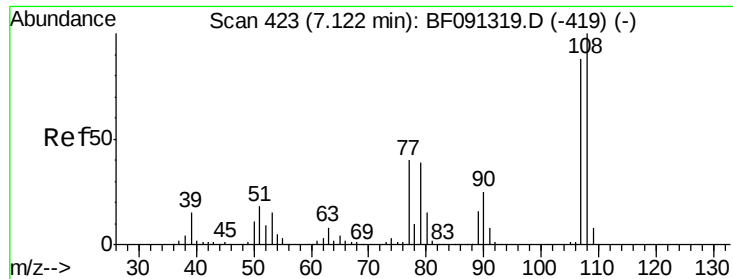
Ion Ratio Lower Upper

45 100

77 9.4 3.8 43.8

79 7.3 0.2 40.2

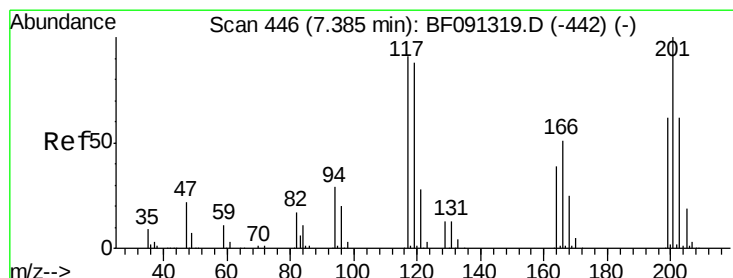
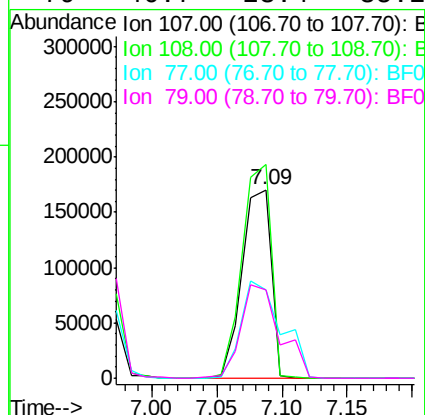
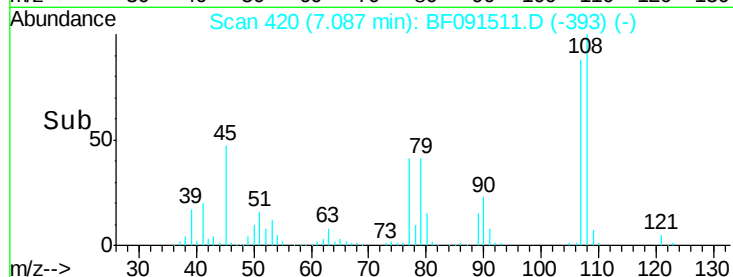
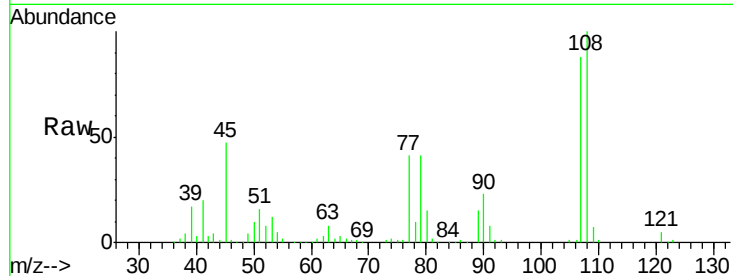




#17
2-Methylphenol
Concen: 27.73 ng
RT: 7.09 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

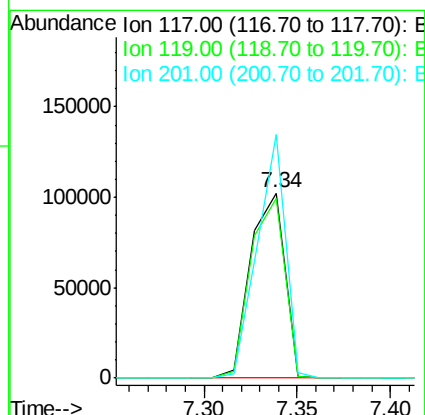
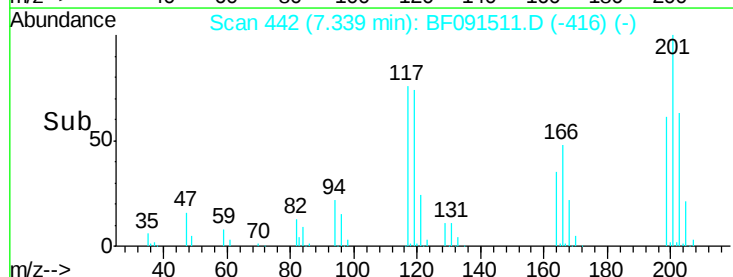
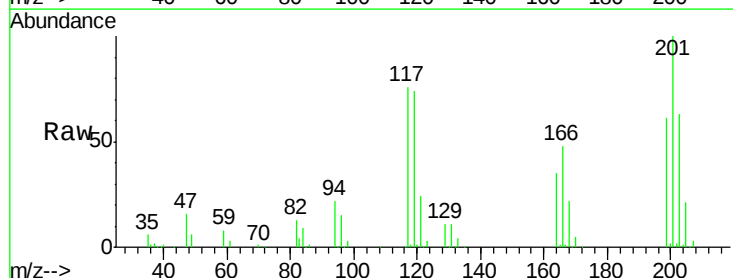
Instrument :
BNA_F
ClientSampled :
PB95122BS

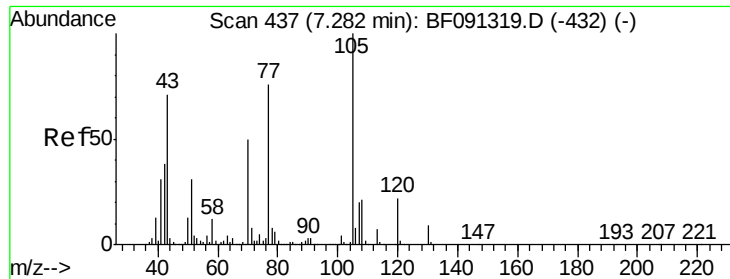
Tgt Ion:107 Resp: 265405
Ion Ratio Lower Upper
107 100
108 113.2 67.7 101.5#
77 46.6 40.7 61.1
79 46.7 23.4 35.2#



#18
Hexachloroethane
Concen: 27.30 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion:117 Resp: 129869
Ion Ratio Lower Upper
117 100
119 97.4 78.6 118.0
201 131.8 86.7 130.1#

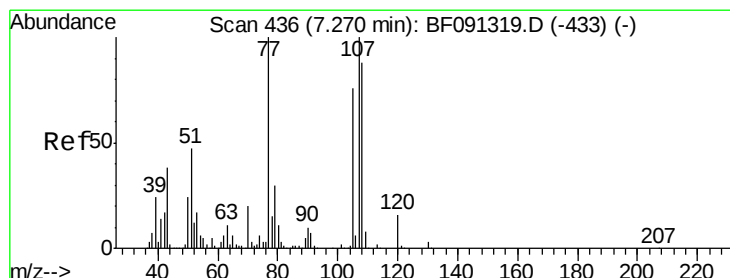
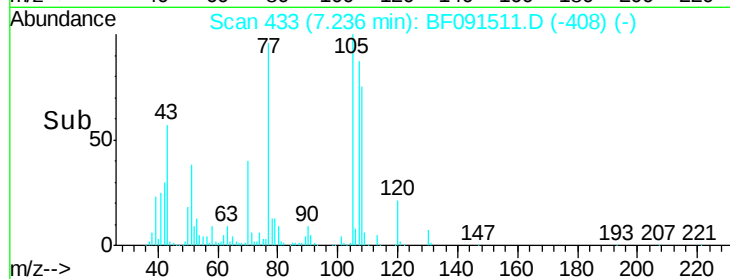
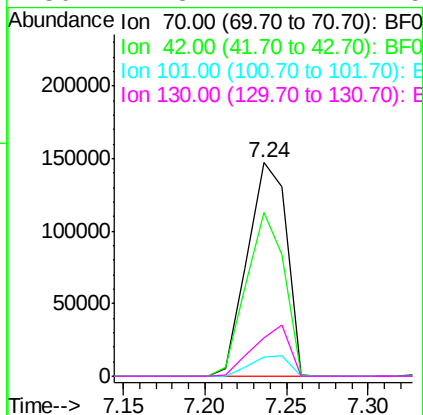
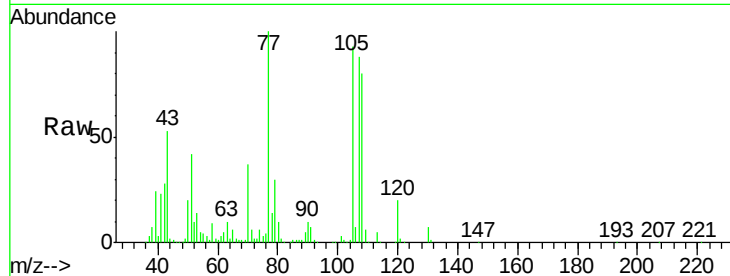




#19
n-Nitroso-di-n-propylamine
Concen: 28.63 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

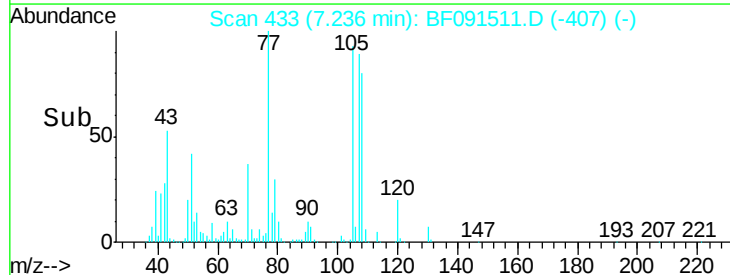
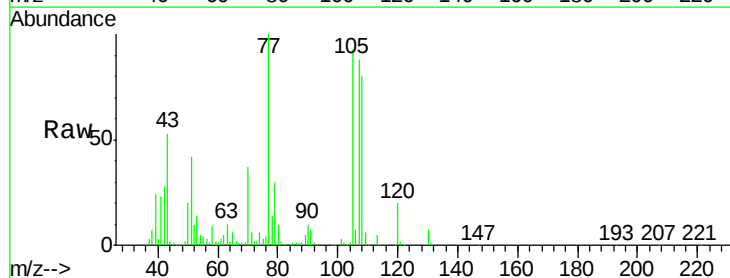
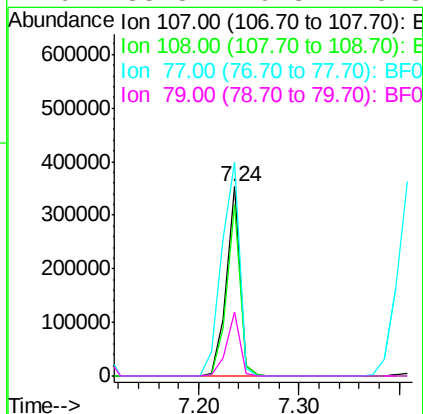
Instrument :
BNA_F
ClientSampleId :
PB95122BS

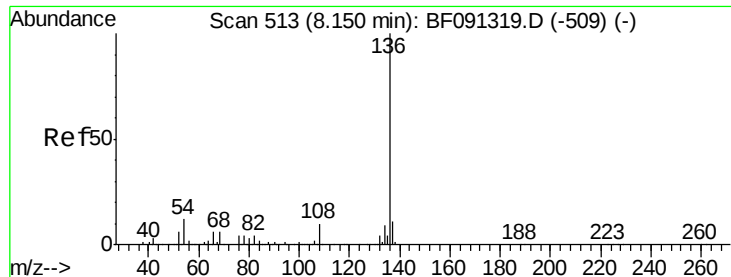
Tgt Ion: 70 Resp: 245228
Ion Ratio Lower Upper
70 100
42 76.4 64.8 97.2
101 8.9 6.2 9.4
130 17.8 11.7 17.5#



#20
3+4-Methylphenols
Concen: 28.40 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion: 107 Resp: 331878
Ion Ratio Lower Upper
107 100
108 90.8 64.6 104.6
77 113.1 30.9 70.9#
79 33.8 9.3 49.3

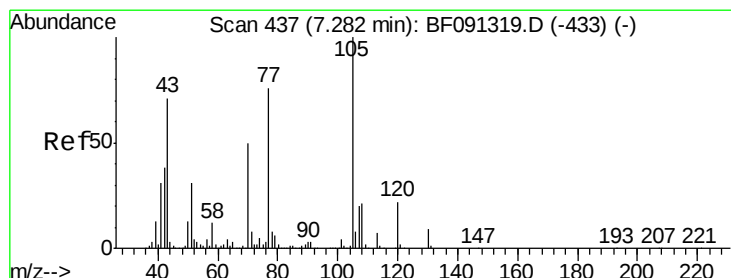
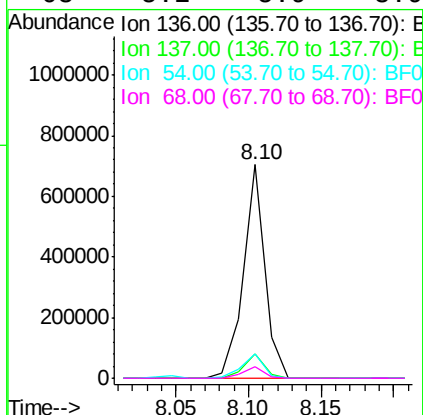
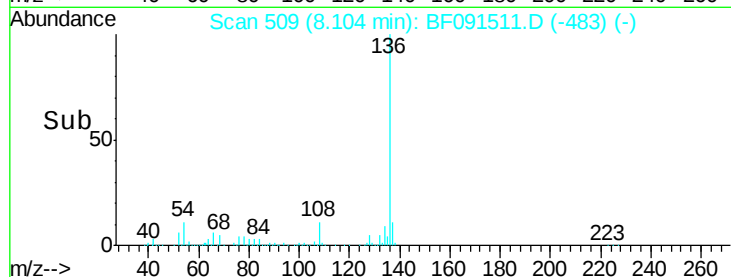
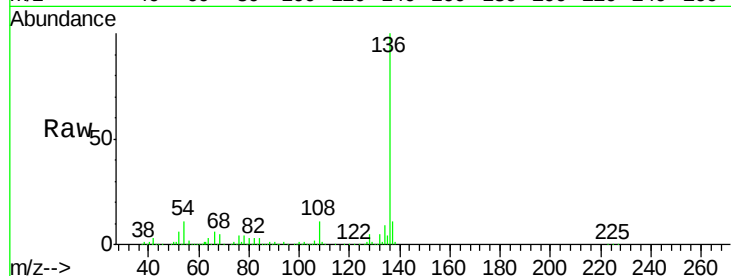




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

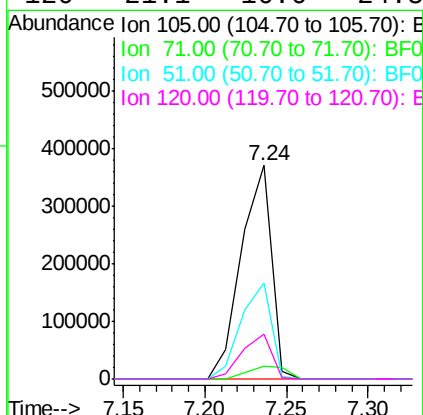
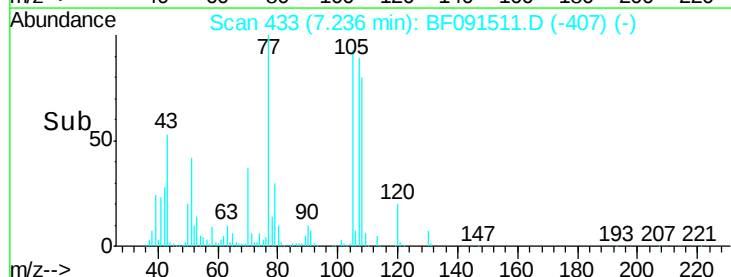
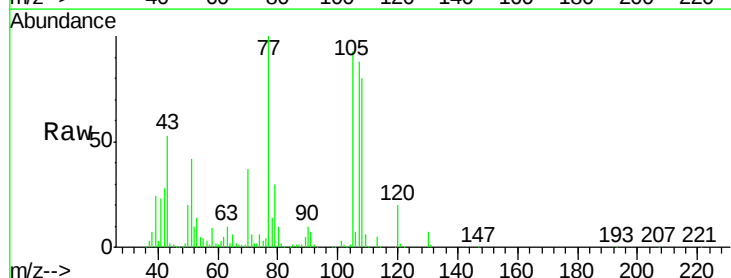
Instrument :
BNA_F
ClientSampleId :
PB95122BS

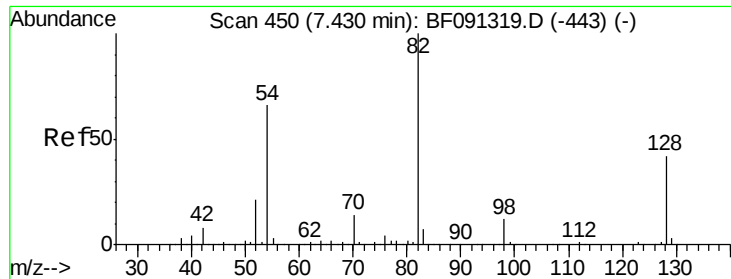
Tgt Ion:	136	Resp:	720241
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.2	9.1	13.7
68	5.2	5.9	8.9#



#22
Acetophenone
Concen: 28.01 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion:	105	Resp:	478189
Ion	Ratio	Lower	Upper
105	100		
71	6.3	7.9	11.9#
51	45.0	24.5	36.7#
120	21.1	16.6	24.8

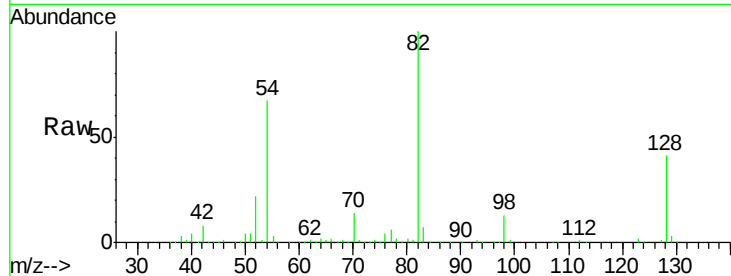




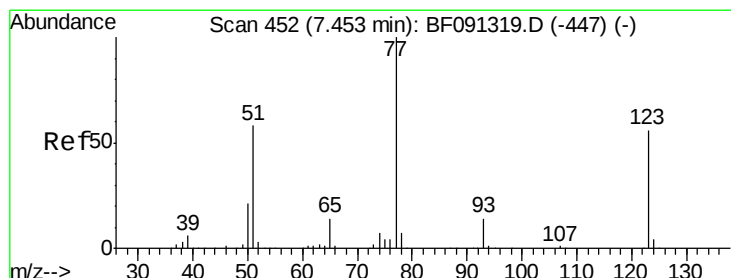
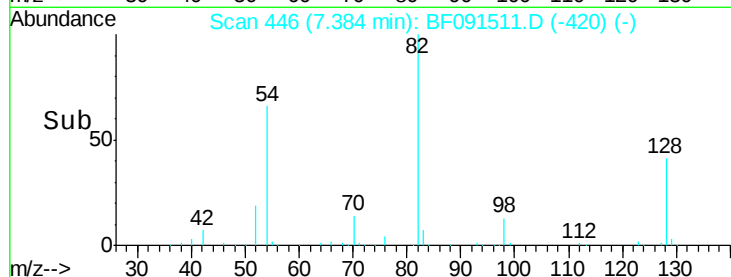
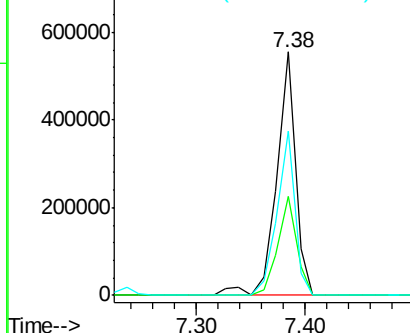
#23
 Nitrobenzene-d5
 Concen: 52.17 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion: 82 Resp: 670534
 Ion Ratio Lower Upper
 82 100
 128 40.9 31.8 47.6
 54 67.4 49.1 73.7

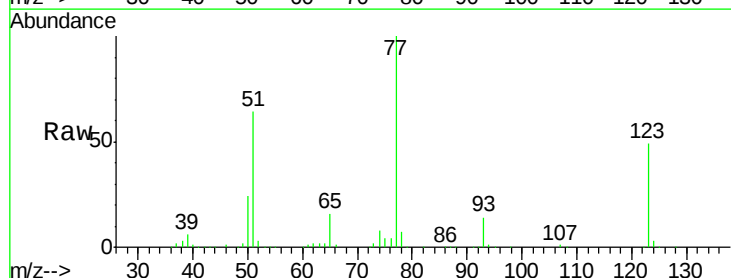


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

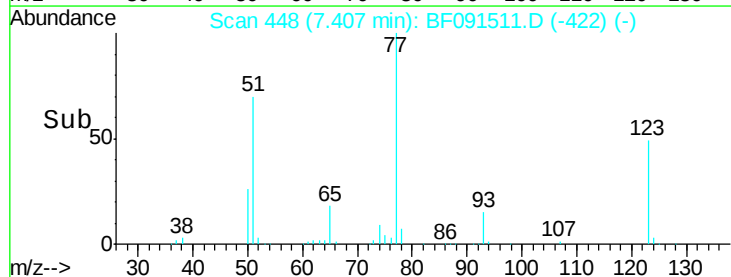
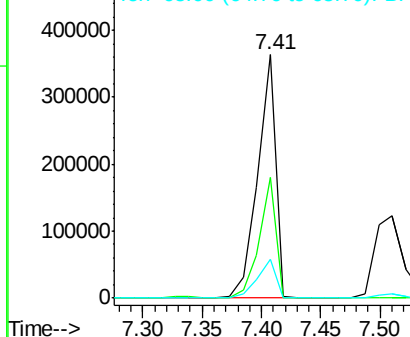


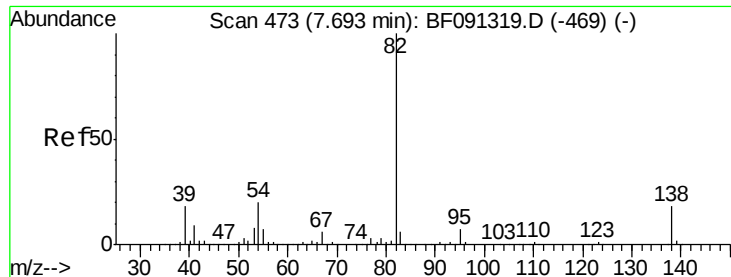
#24
 Nitrobenzene
 Concen: 29.41 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion: 77 Resp: 387027
 Ion Ratio Lower Upper
 77 100
 123 49.5 28.5 42.7#
 65 15.8 12.5 18.7



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: 28.43 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

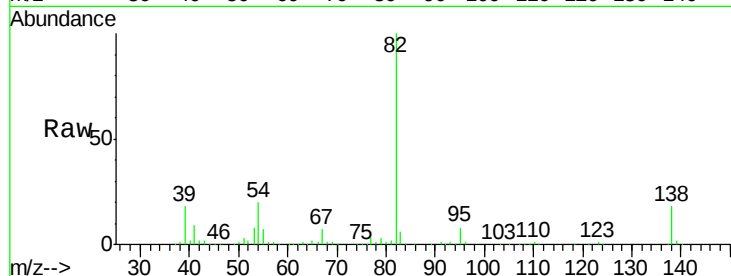
Tgt Ion: 82 Resp: 647409

Ion Ratio Lower Upper

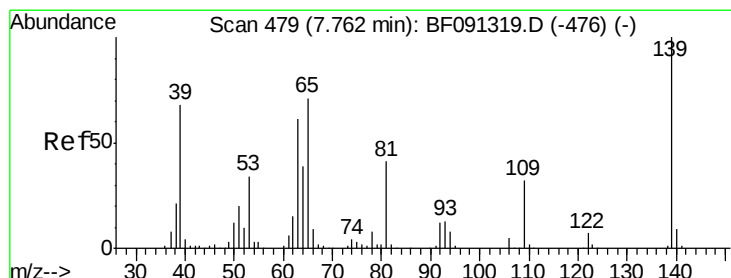
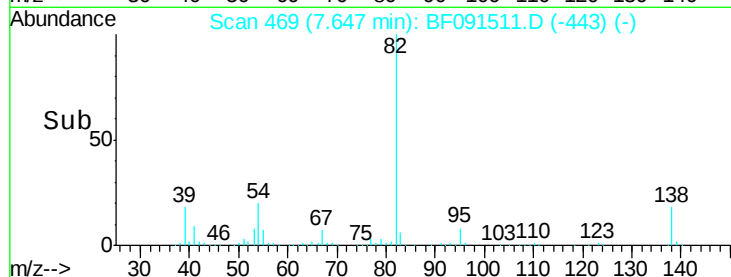
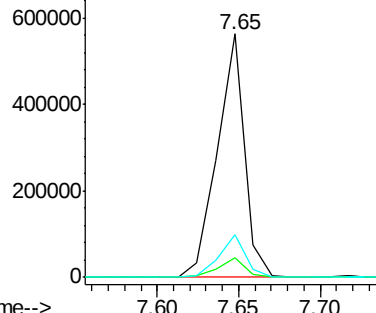
82 100

95 8.1 5.7 8.5

138 17.7 13.4 20.0



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



#26

2-Nitrophenol

Concen: 28.16 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

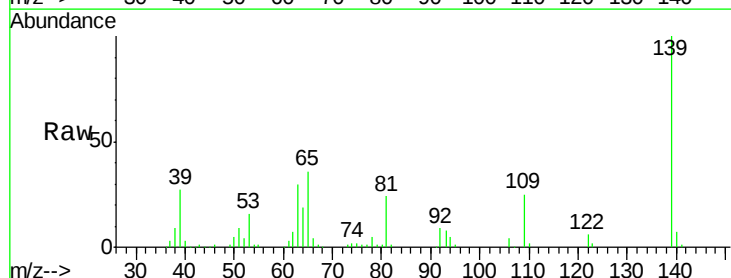
Tgt Ion: 139 Resp: 168874

Ion Ratio Lower Upper

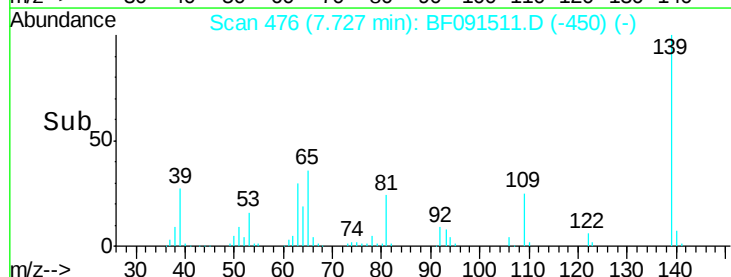
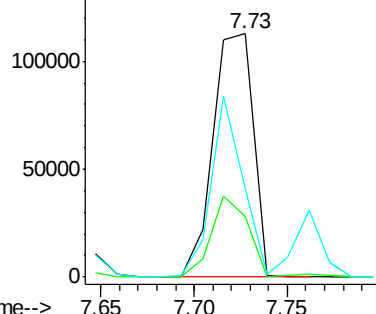
139 100

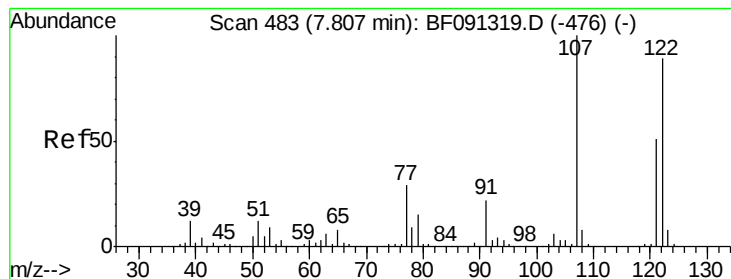
109 24.8 25.3 37.9#

65 36.4 55.4 83.2#



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





#27

2,4-Dimethylphenol

Concen: 25.60 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

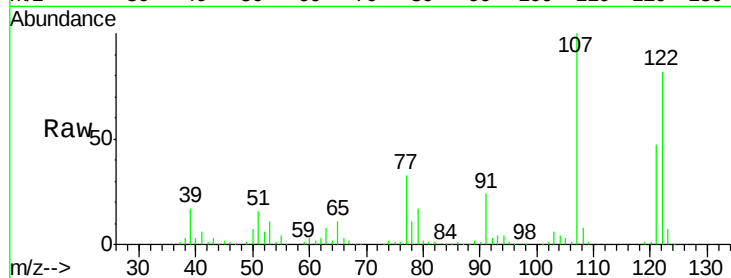
Tgt Ion:122 Resp: 287147

Ion Ratio Lower Upper

122 100

107 121.9 96.8 145.2

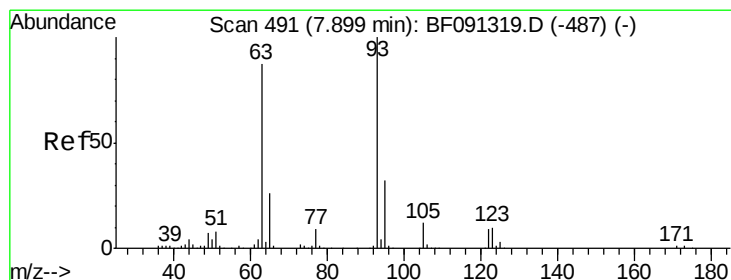
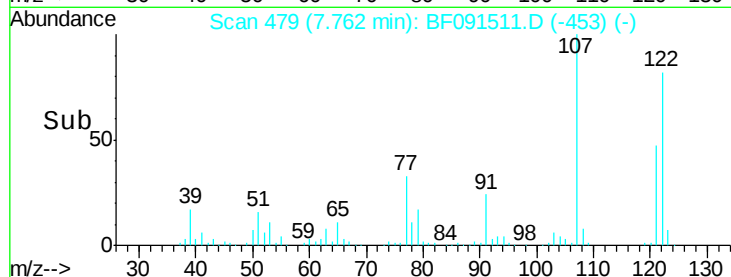
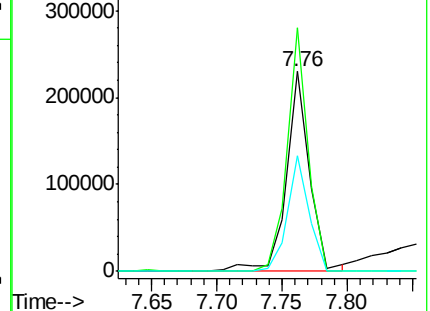
121 57.7 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 29.43 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

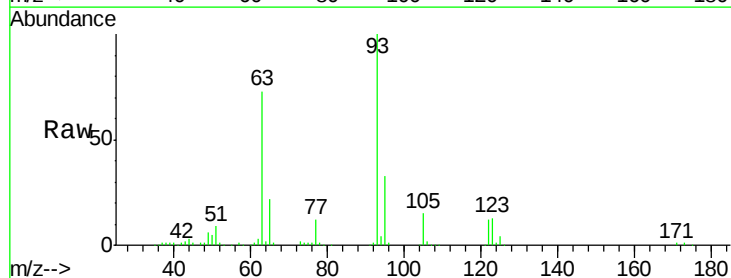
Tgt Ion: 93 Resp: 403302

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

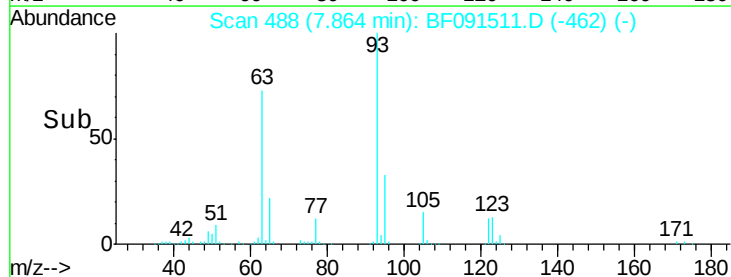
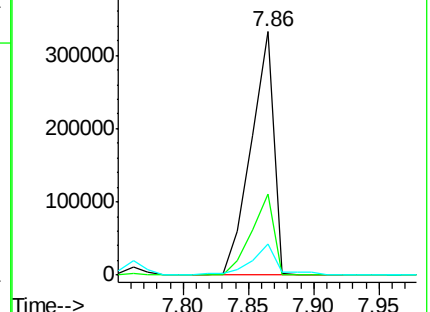
123 12.7 8.6 12.8

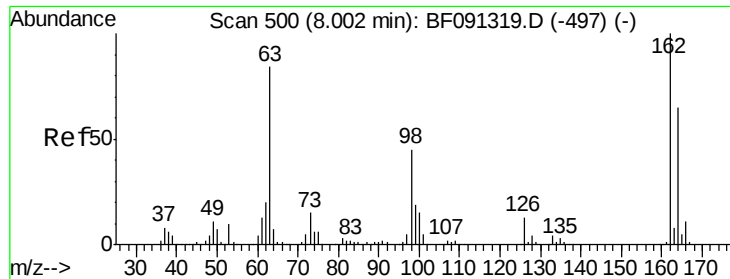


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

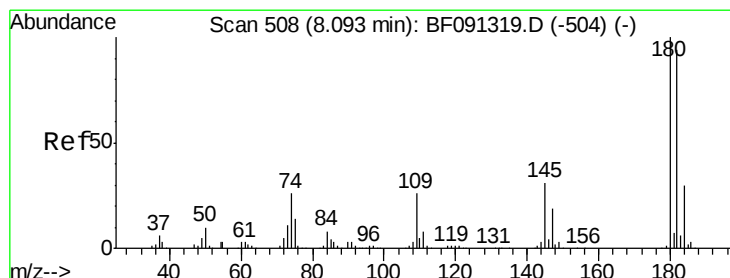
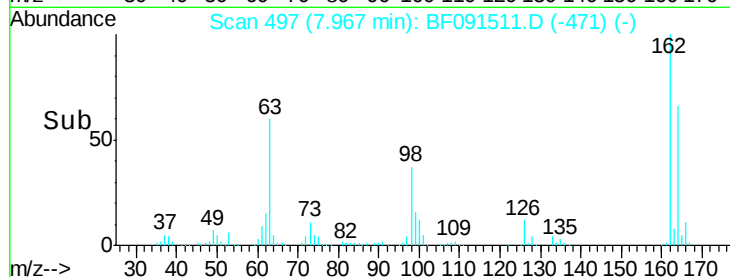
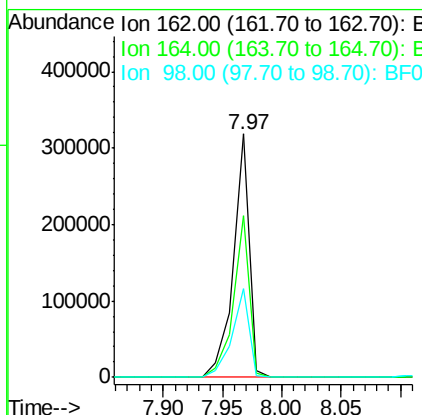
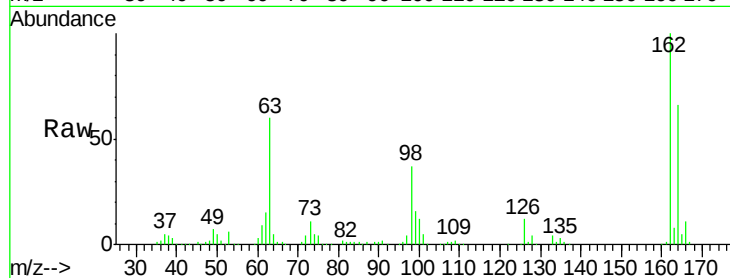




#29
 2,4-Dichlorophenol
 Concen: 30.09 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

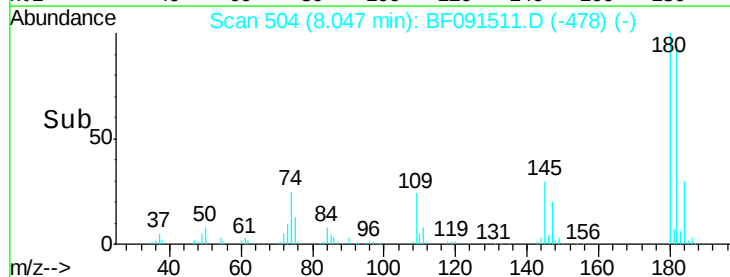
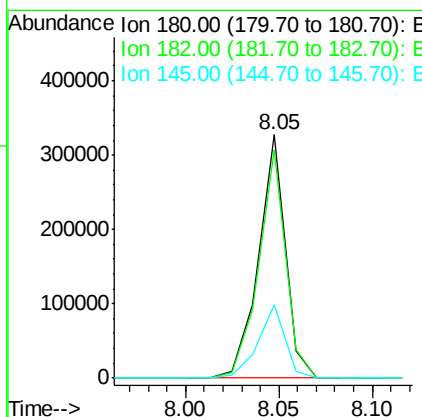
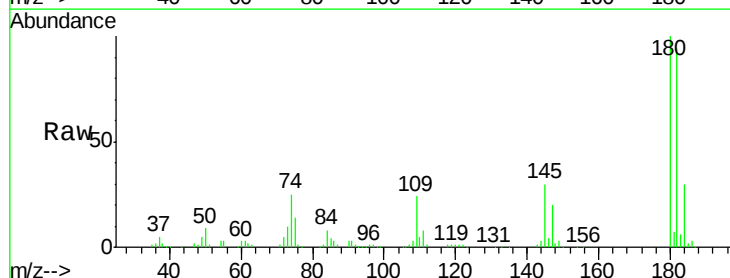
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

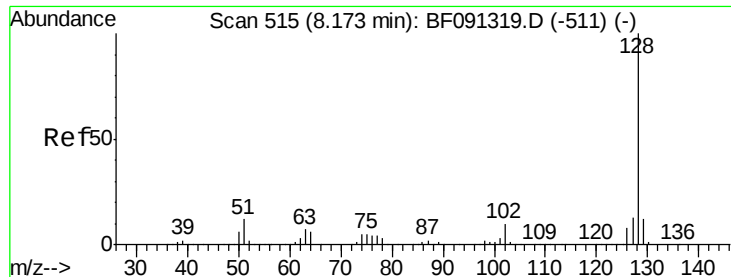
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.3	45.0	85.0
98	36.7	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 29.25 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.8
145	30.3	27.0	40.4

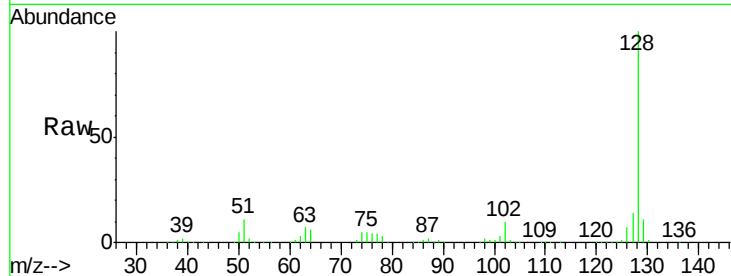




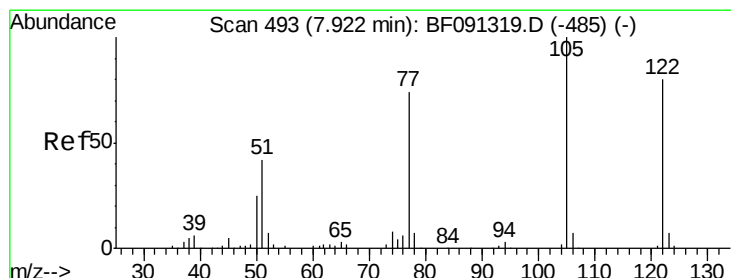
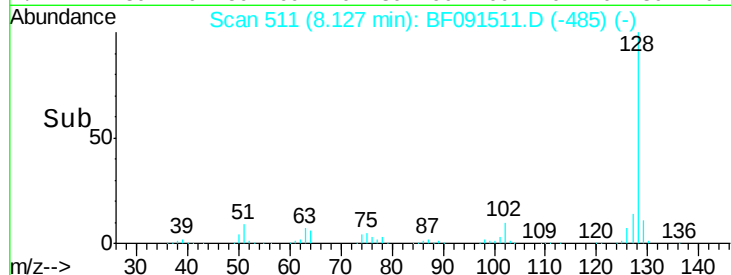
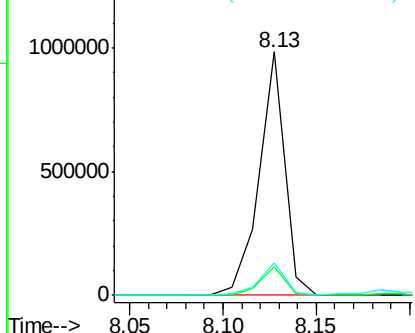
#31
Naphthalene
Concen: 27.20 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tgt Ion:128 Resp: 931020
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.6 11.0 16.4

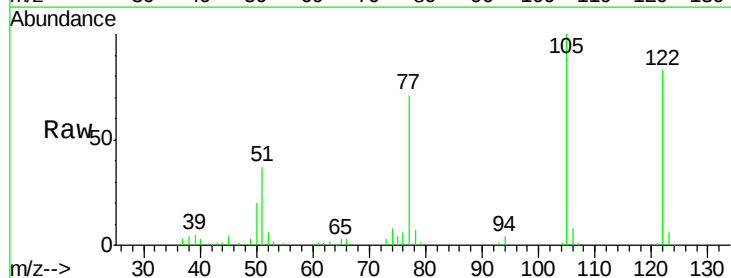


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

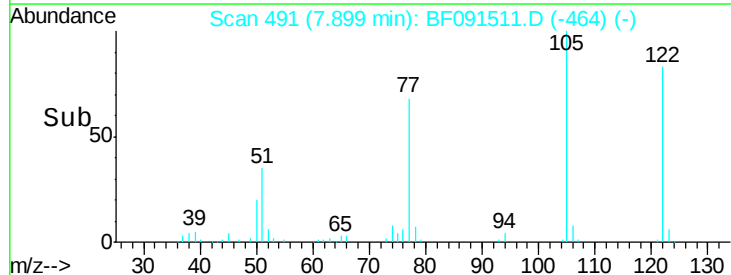
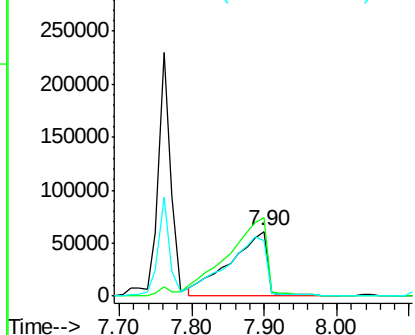


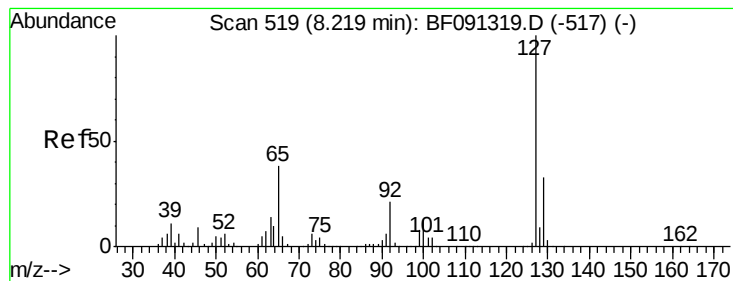
#32
Benzoic acid
Concen: 26.46 ng
RT: 7.90 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion:122 Resp: 218765
Ion Ratio Lower Upper
122 100
105 120.8 113.0 153.0
77 86.3 82.0 122.0



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: 3.24 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tgt Ion:127 Resp: 47411

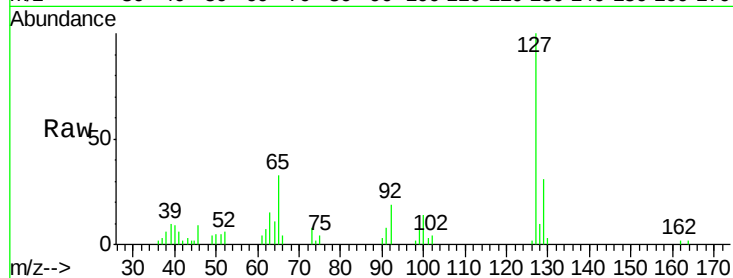
Ion Ratio Lower Upper

127 100

129 30.5 26.2 39.4

65 32.9 26.6 39.8

92 18.8 15.4 23.0

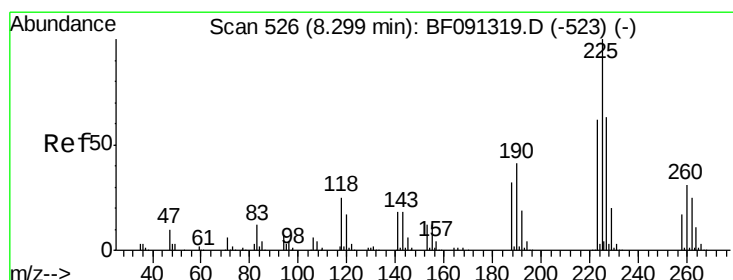
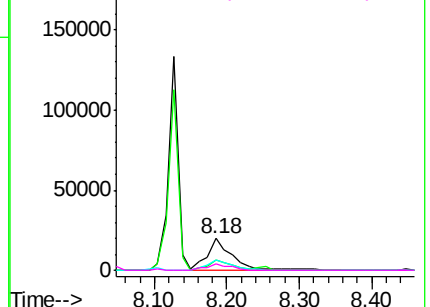
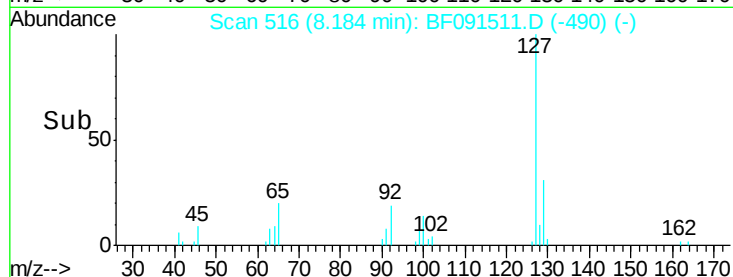


Abundance Ion 127.00 (126.70 to 127.70): E

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: 29.87 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

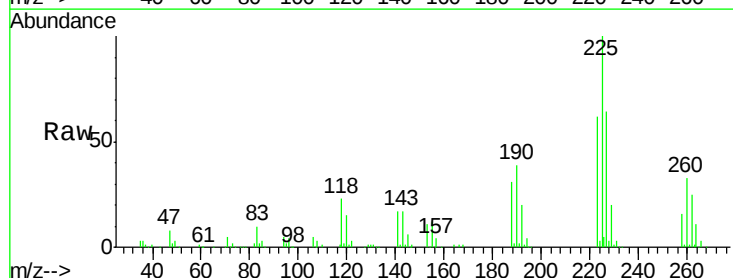
Tgt Ion:225 Resp: 203227

Ion Ratio Lower Upper

225 100

223 61.8 49.8 74.6

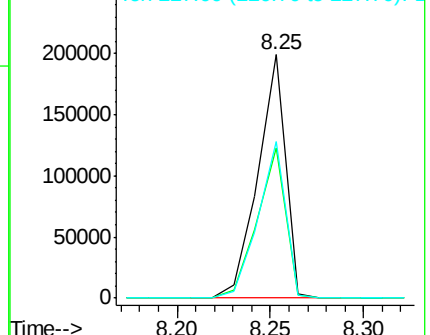
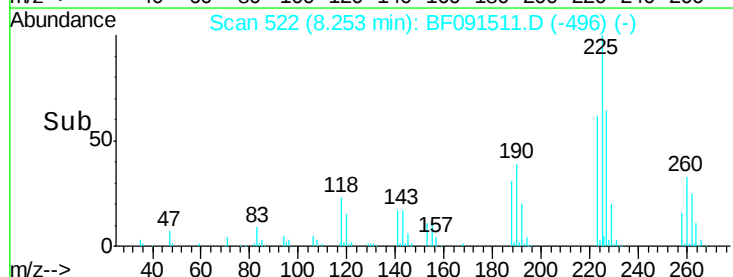
227 64.1 52.6 79.0

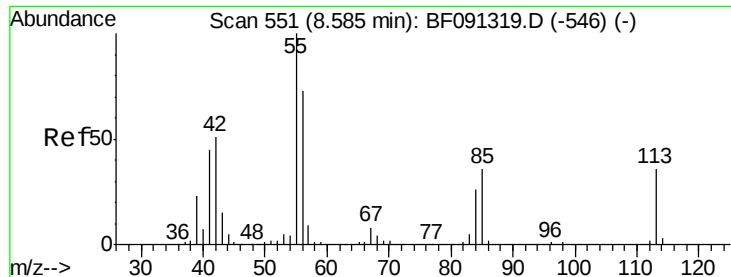


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

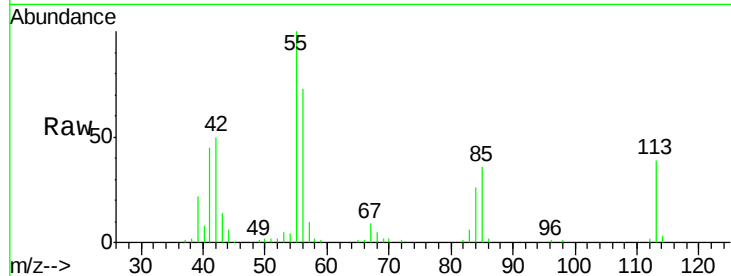




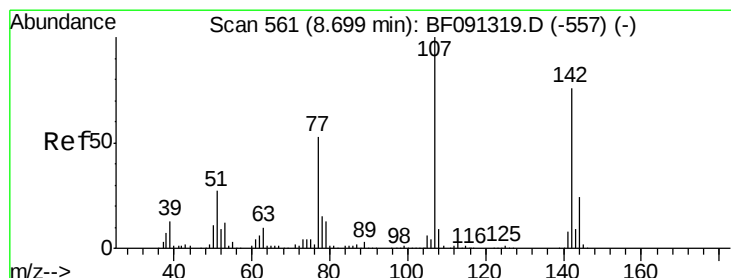
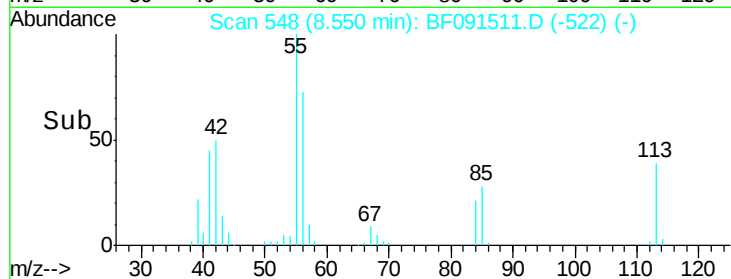
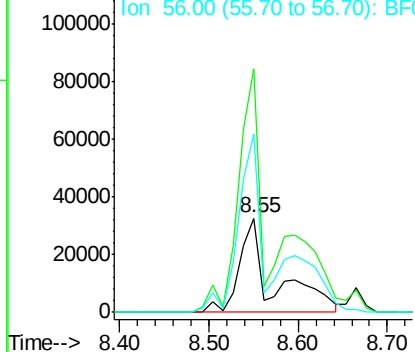
#35
 Caprolactam
 Concen: 30.46 ng m
 RT: 8.55 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Instrument :
 BNA_F
 ClientSampled :
 PB95122BS

Tgt Ion:113 Resp: 86389
 Ion Ratio Lower Upper
 113 100
 55 258.2 239.8 279.8
 56 188.7 165.6 205.6

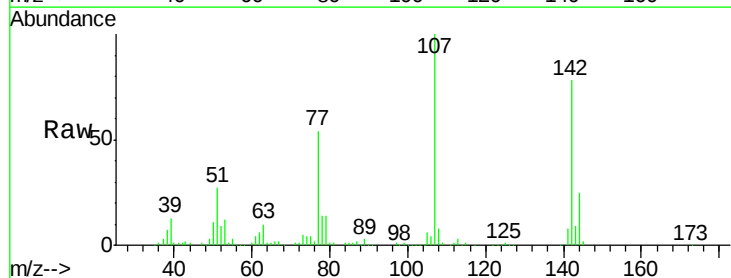


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

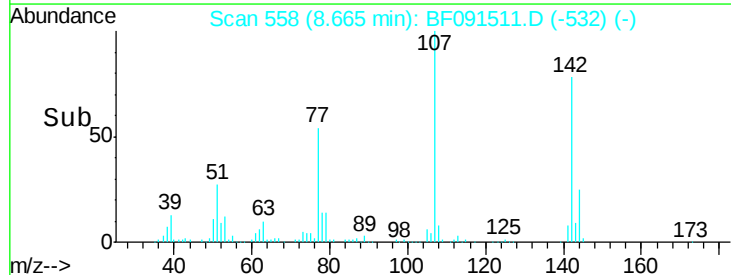
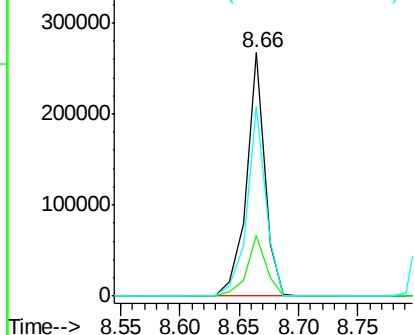


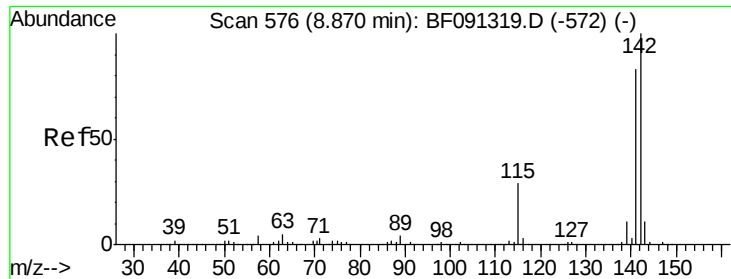
#36
 4-Chloro-3-methylphenol
 Concen: 27.21 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion:107 Resp: 289878
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.9 28.3
 142 78.2 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

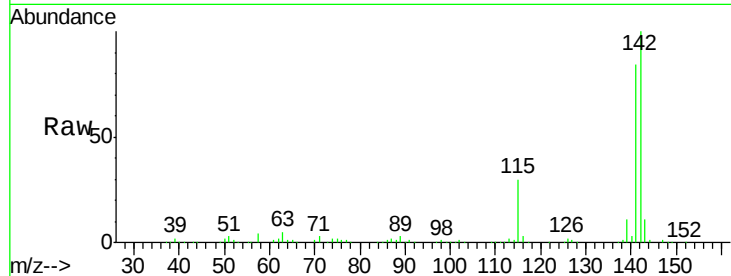




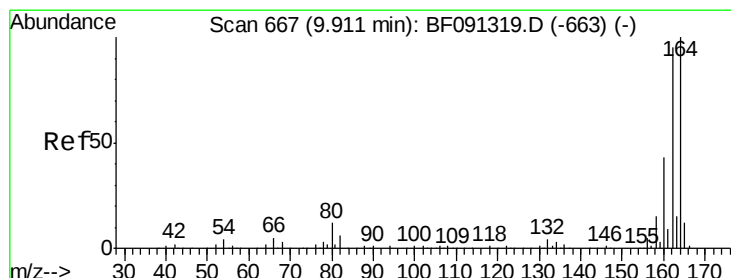
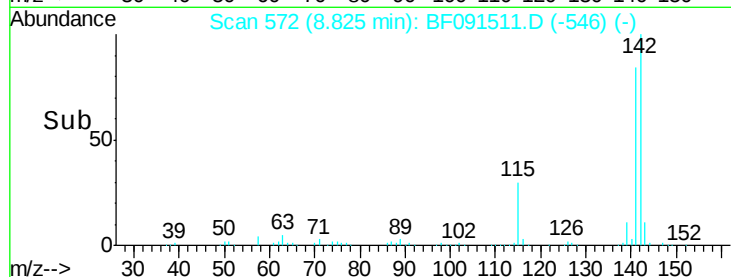
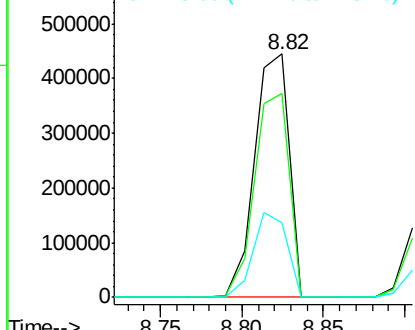
#37
2-Methylnaphthalene
Concen: 28.15 ng
RT: 8.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tgt Ion:142 Resp: 654583
Ion Ratio Lower Upper
142 100
141 83.9 71.7 107.5
115 30.5 25.0 37.6

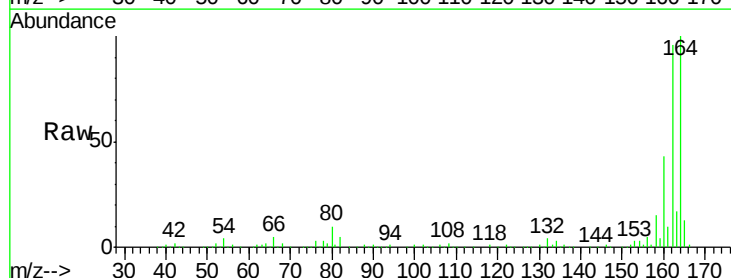


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

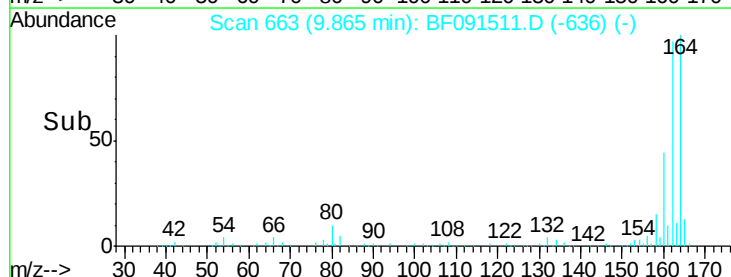
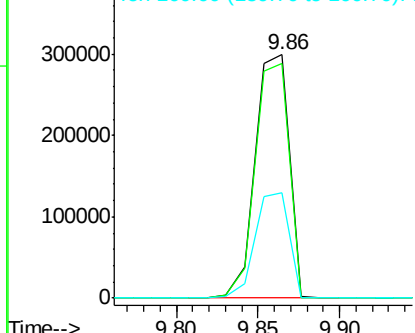


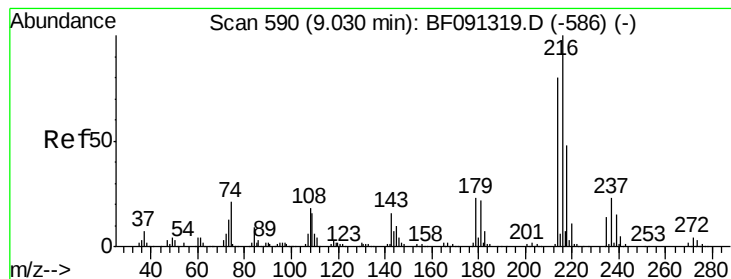
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion:164 Resp: 433361
Ion Ratio Lower Upper
164 100
162 96.4 82.6 124.0
160 43.3 36.7 55.1



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: 25.18 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tgt Ion:216 Resp: 307602

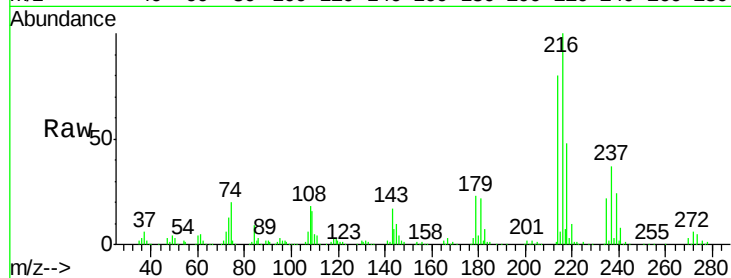
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 22.7 18.2 27.2

108 20.9 17.2 25.8

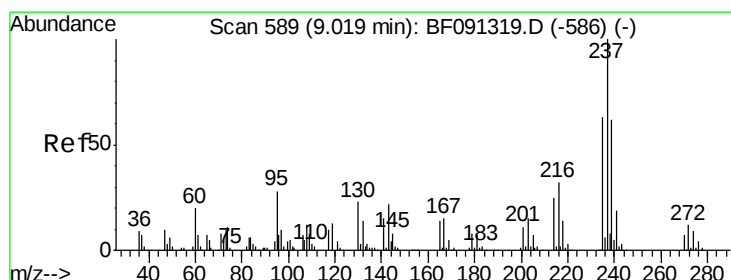
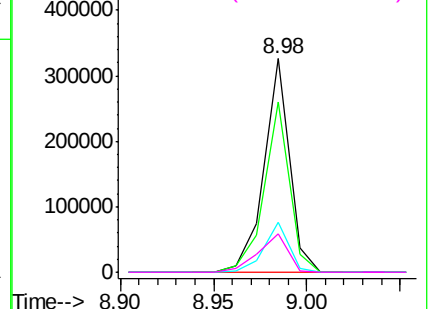
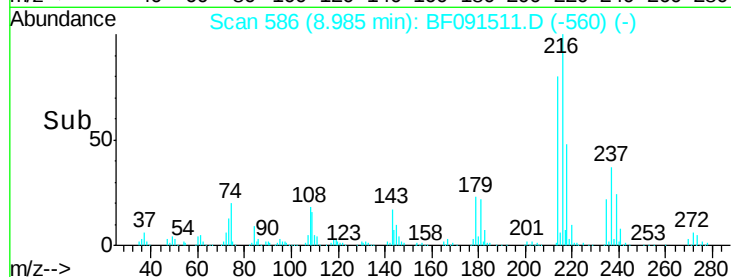


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.59 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

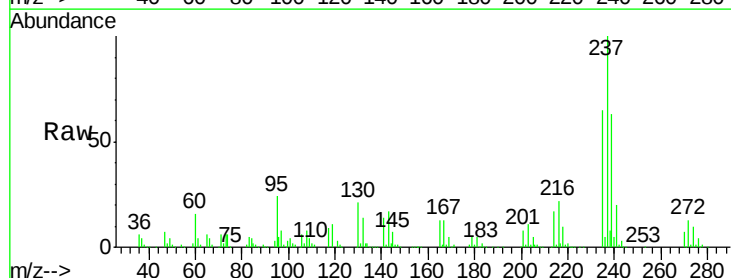
Tgt Ion:237 Resp: 371449

Ion Ratio Lower Upper

237 100

235 64.6 43.9 83.9

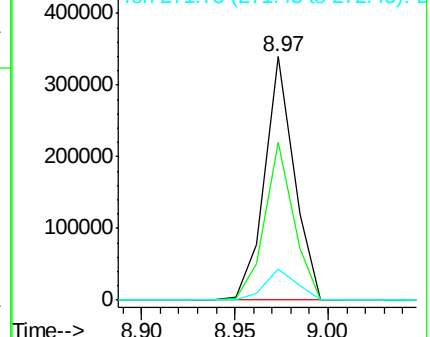
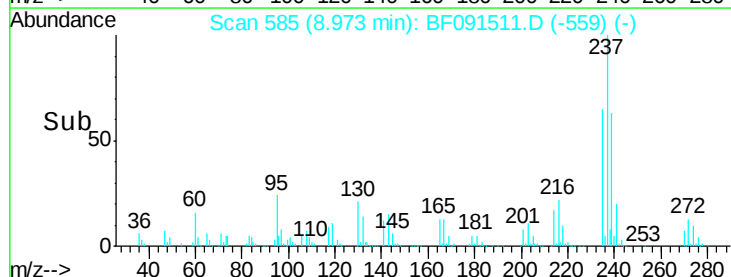
272 12.8 0.0 33.1

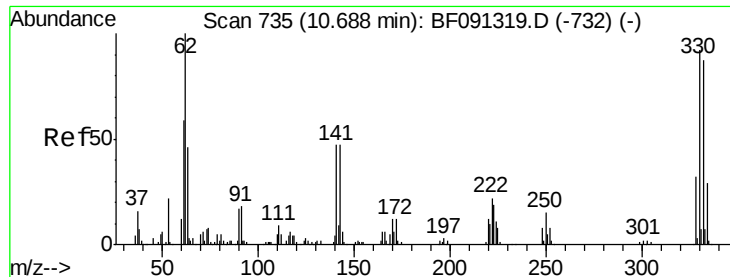


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

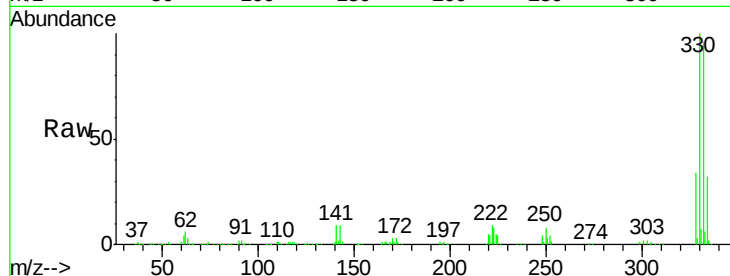




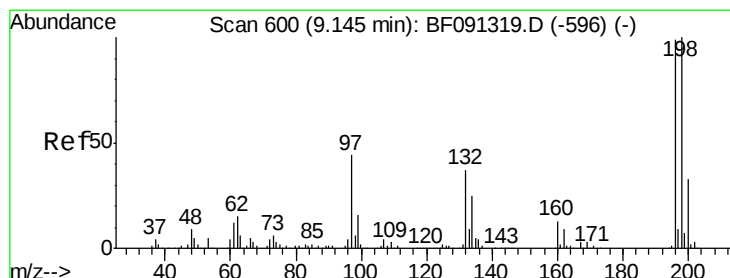
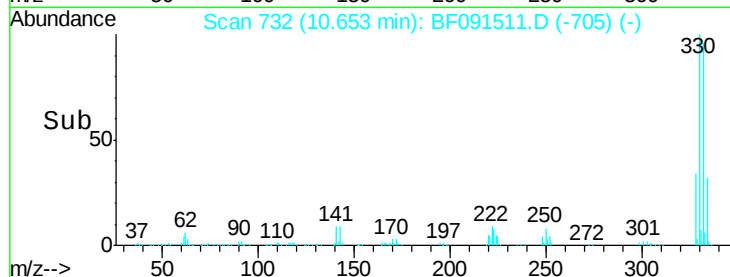
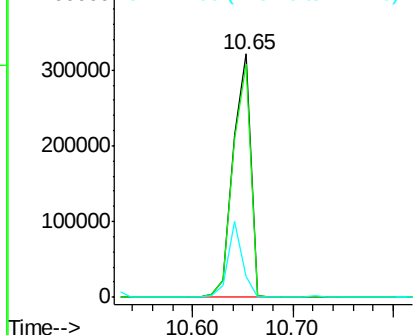
#41
 2,4,6-Tribromophenol
 Concen: 94.69 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion:330 Resp: 388467
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 25.7 33.6 50.4#

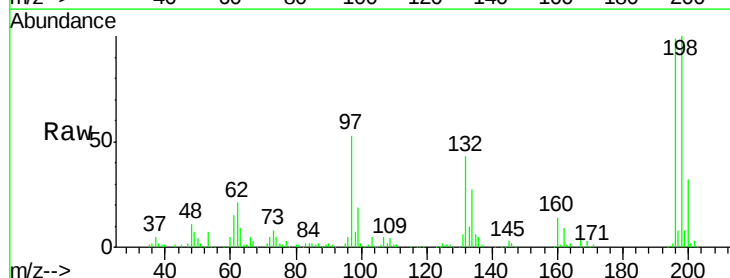


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

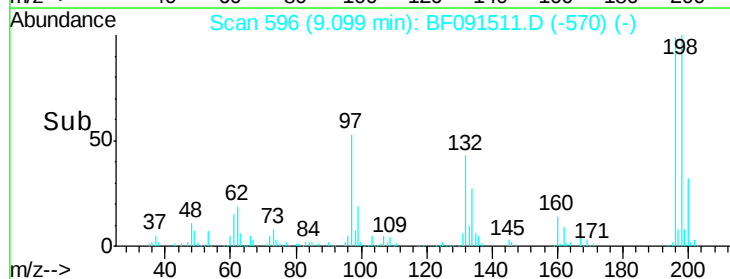
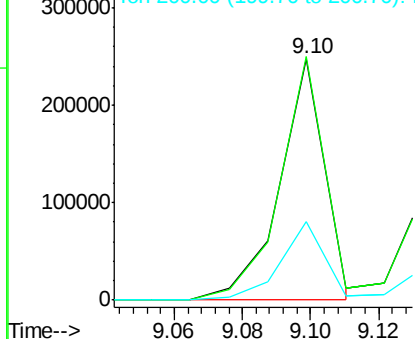


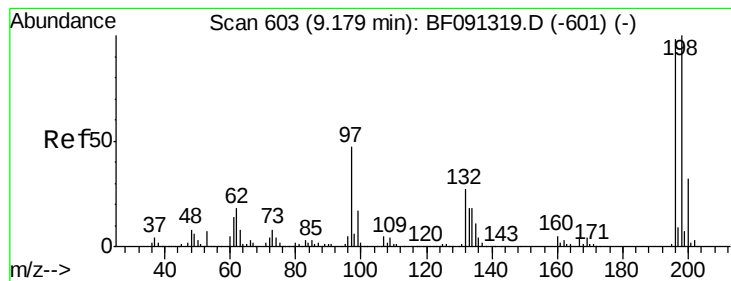
#42
 2,4,6-Trichlorophenol
 Concen: 28.77 ng m
 RT: 9.10 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion:196 Resp: 228426
 Ion Ratio Lower Upper
 196 100
 198 100.7 77.4 116.0
 200 32.3 25.2 37.8



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: 29.82 ng m

RT: 9.14 min Scan# 600

Delta R.T. 0.01 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tgt Ion:196 Resp: 237237

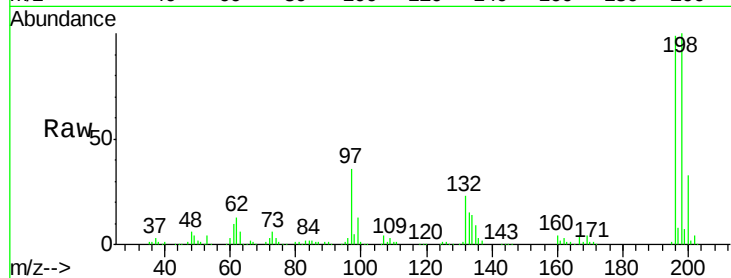
Ion Ratio Lower Upper

196 100

198 101.1 77.0 115.6

97 36.0 33.5 50.3

132 22.8 20.5 30.7

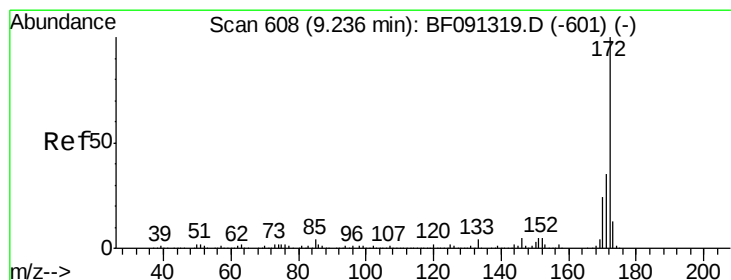
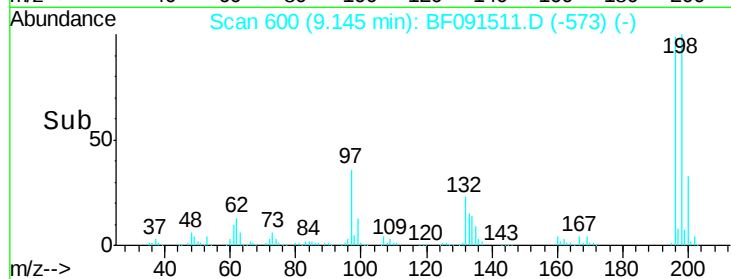
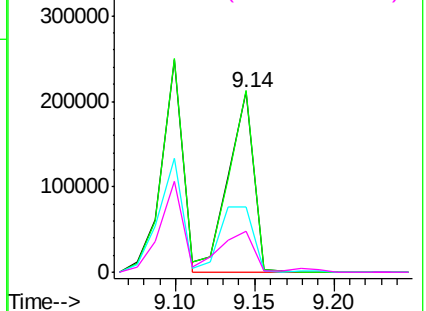


Abundance Ion 196.00 (195.70 to 196.70): E

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: 56.07 ng

RT: 9.18 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

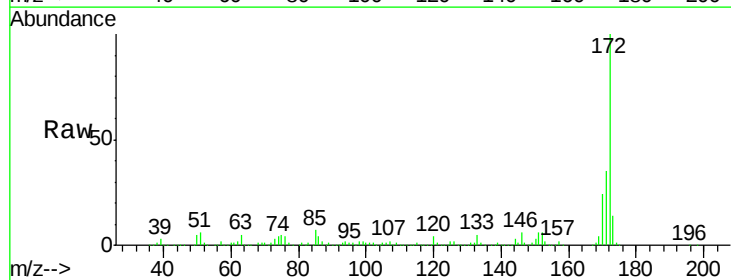
Tgt Ion:172 Resp: 1341872

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

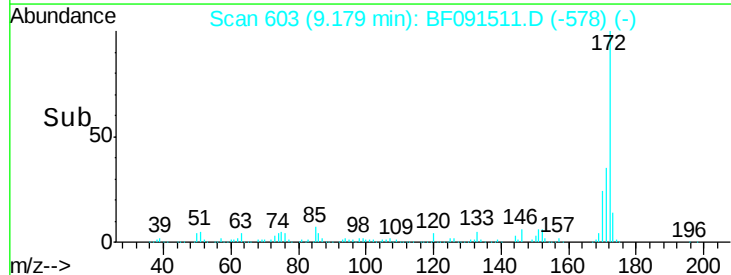
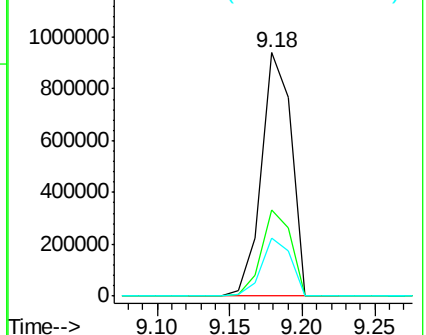
170 23.8 19.7 29.5

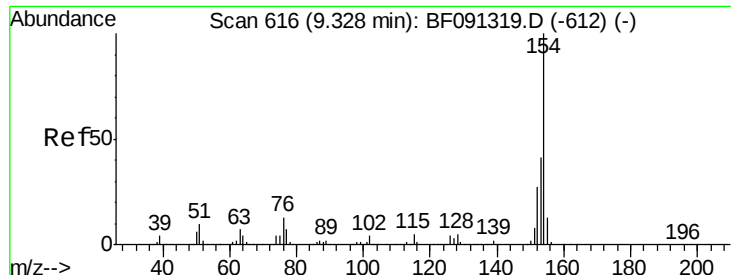


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

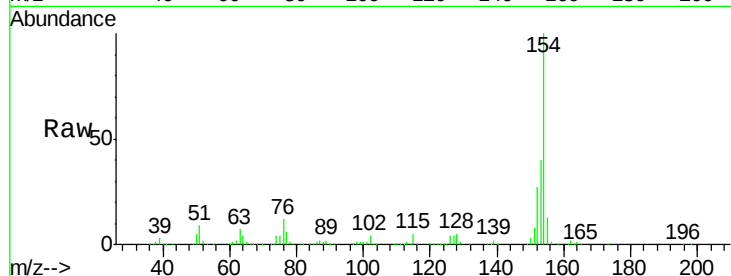




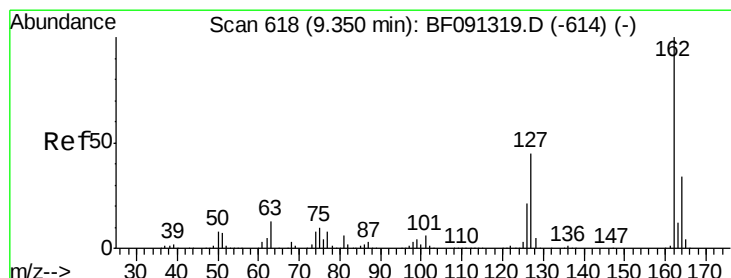
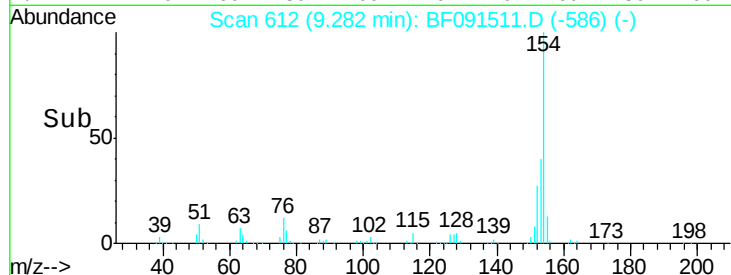
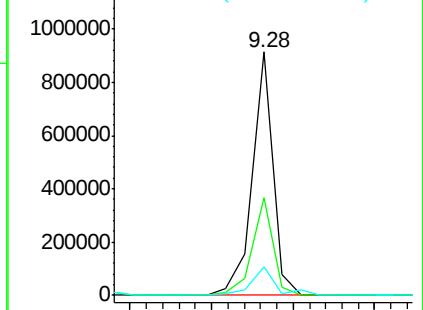
#45
 1,1'-Biphenyl
 Concen: 25.78 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion:154 Resp: 803282
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.6 60.6
 76 11.7 0.0 36.6

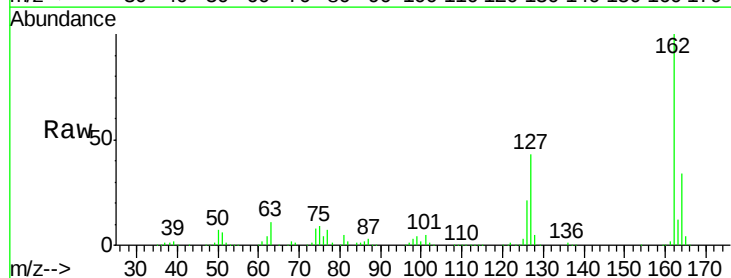


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

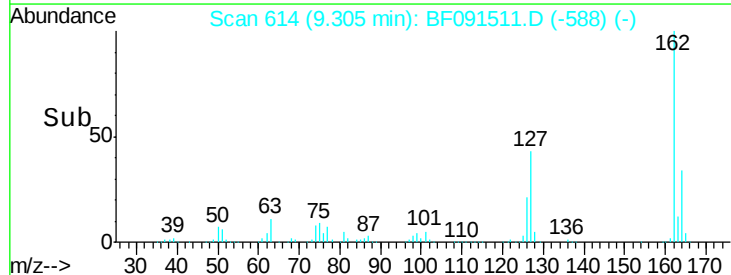
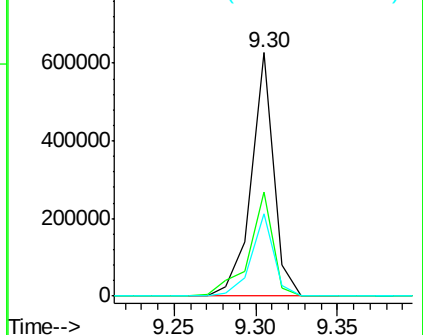


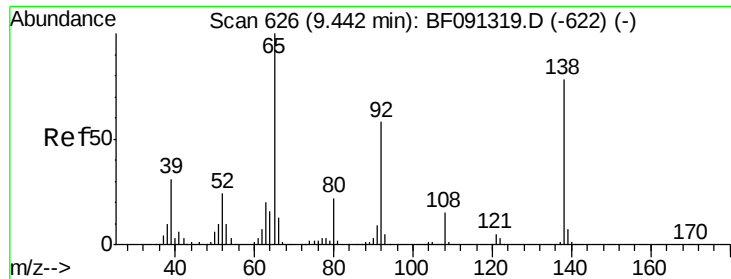
#46
 2-Chloronaphthalene
 Concen: 25.64 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion:162 Resp: 594940
 Ion Ratio Lower Upper
 162 100
 127 42.6 34.3 51.5
 164 34.0 26.6 40.0



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

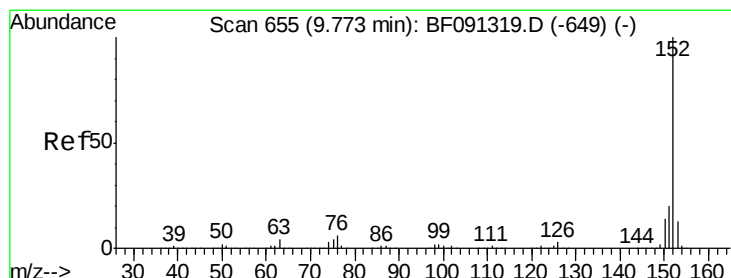
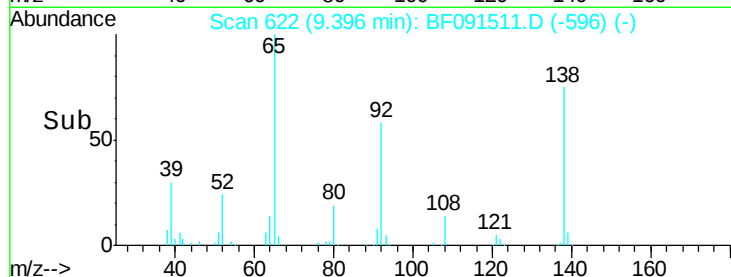
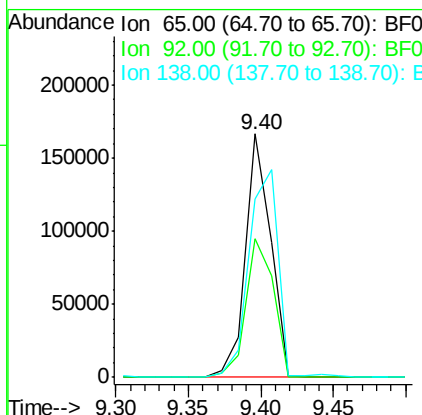
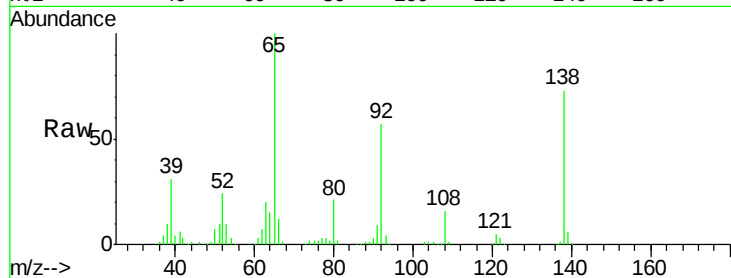




#47
2-Nitroaniline
Concen: 24.08 ng
RT: 9.40 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

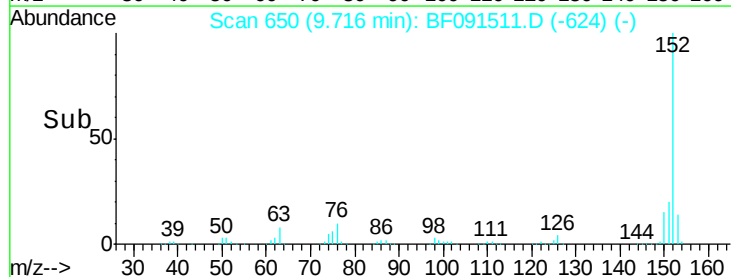
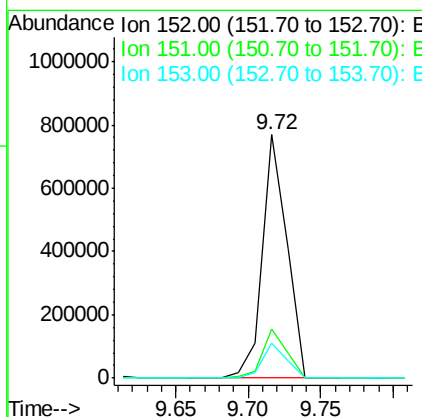
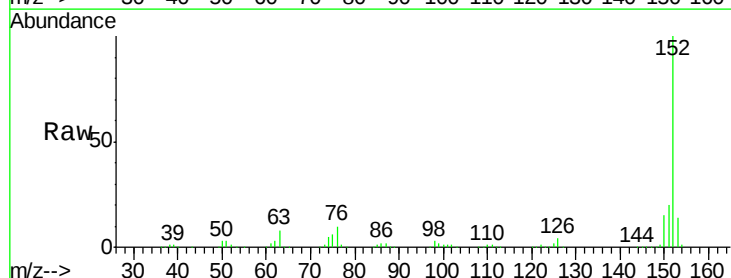
Instrument :
BNA_F
ClientSampleId :
PB95122BS

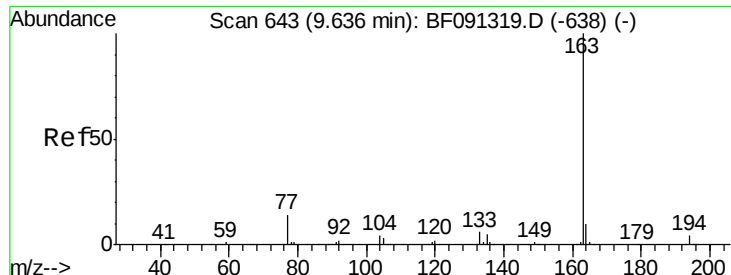
Tgt Ion: 65 Resp: 200741
Ion Ratio Lower Upper
65 100
92 56.8 53.6 80.4
138 73.5 91.0 136.6#



#48
Acenaphthylene
Concen: 24.54 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion: 152 Resp: 896367
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 14.1 10.7 16.1

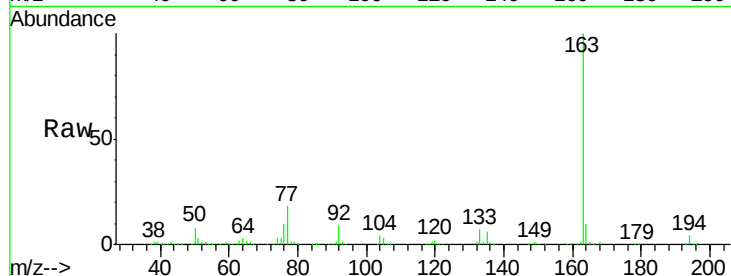




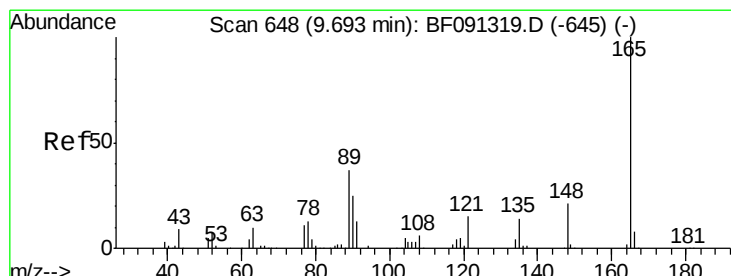
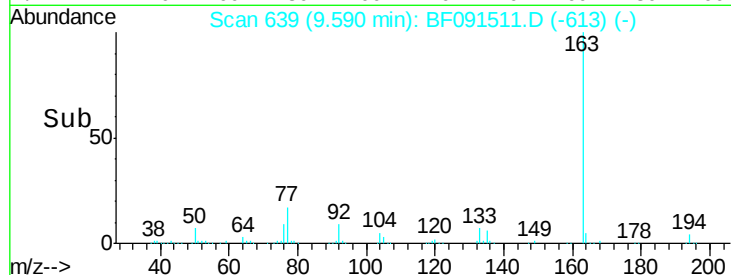
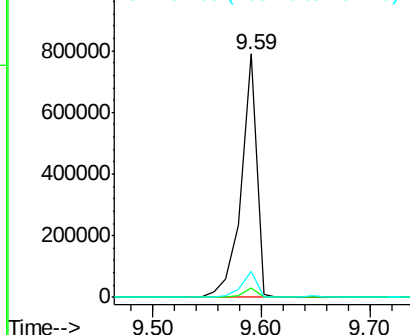
#49
Dimethylphthalate
Concen: 29.05 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tgt Ion:163 Resp: 762237
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.5 7.8 11.8

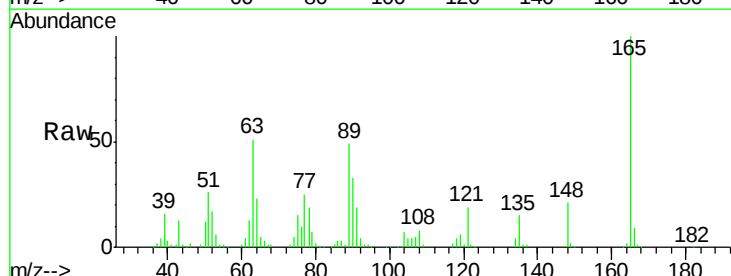


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

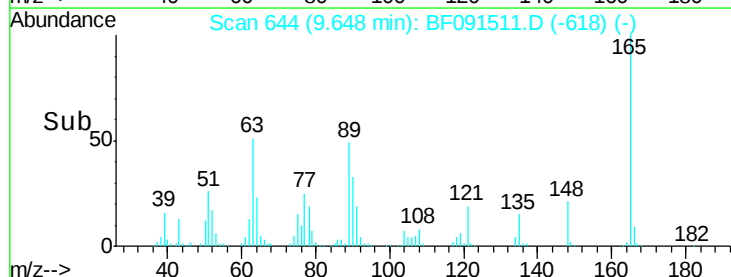
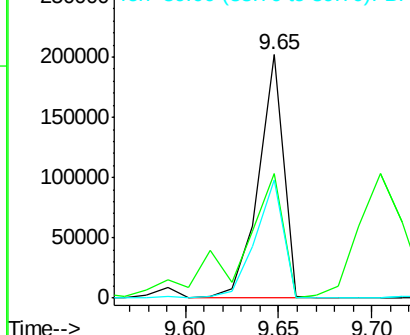


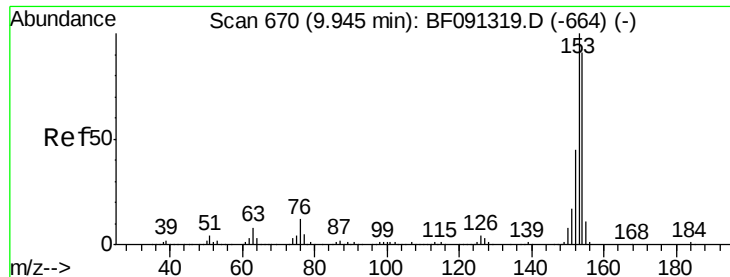
#50
2,6-Dinitrotoluene
Concen: 31.94 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion:165 Resp: 187299
Ion Ratio Lower Upper
165 100
63 51.1 59.4 89.0#
89 48.7 50.8 76.2#



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: 28.65 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

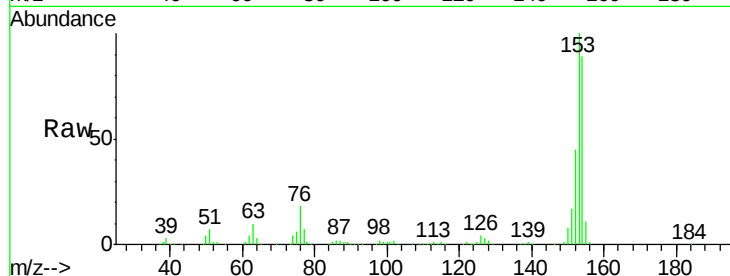
Tgt Ion:154 Resp: 706077

Ion Ratio Lower Upper

154 100

153 111.8 91.0 136.6

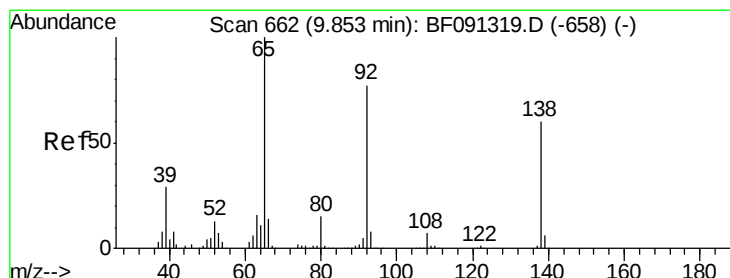
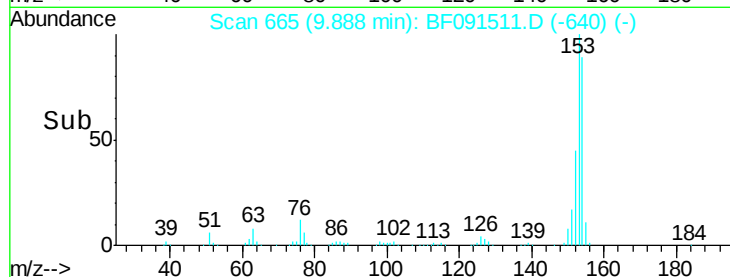
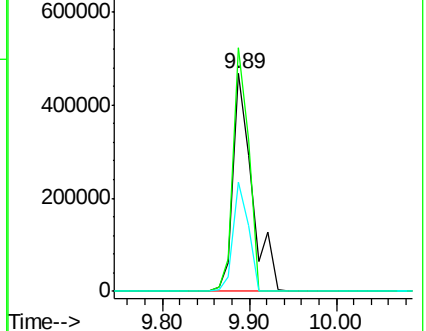
152 50.3 44.2 66.2



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: 11.57 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

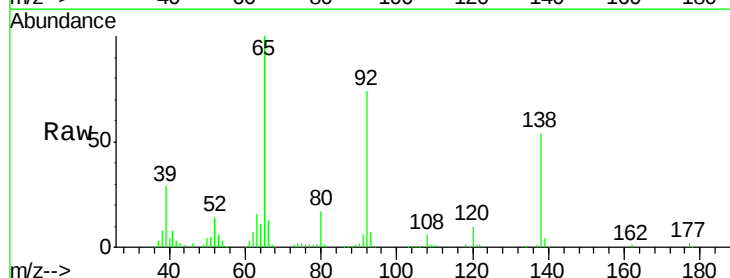
Tgt Ion:138 Resp: 78512

Ion Ratio Lower Upper

138 100

108 11.8 8.1 12.1

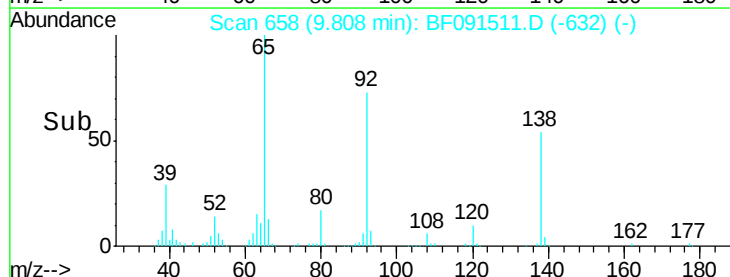
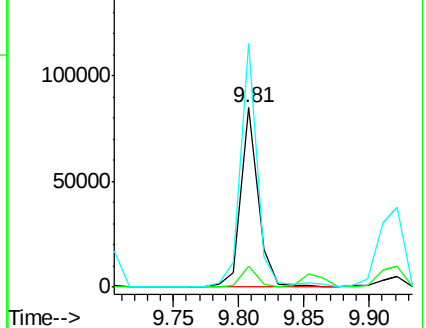
92 136.0 92.5 138.7

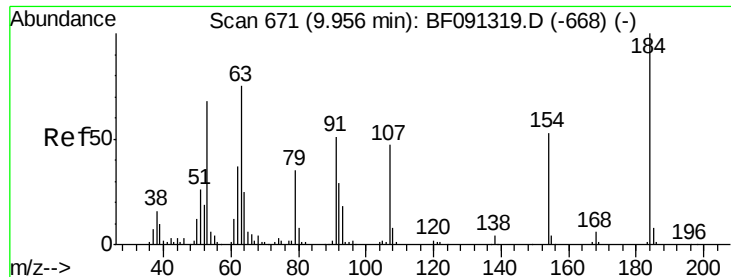


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

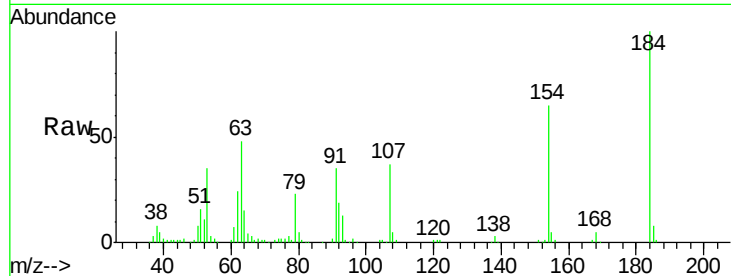




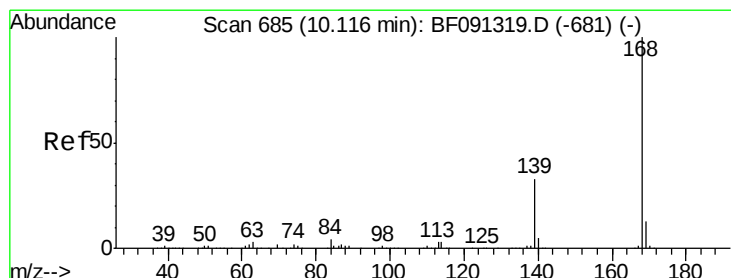
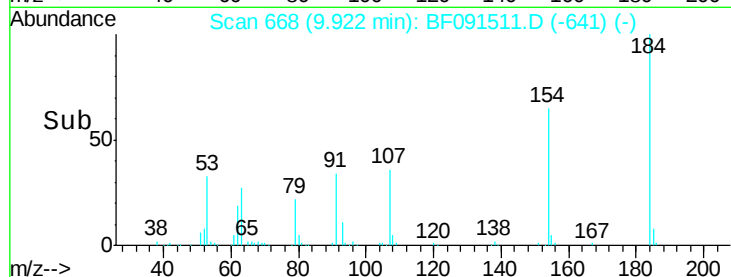
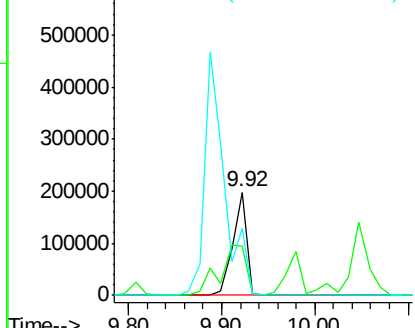
#53
 2,4-Dinitrophenol
 Concen: 81.65 ng
 RT: 9.92 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion:184 Resp: 209412
 Ion Ratio Lower Upper
 184 100
 63 47.6 58.3 87.5#
 154 64.7 48.6 73.0

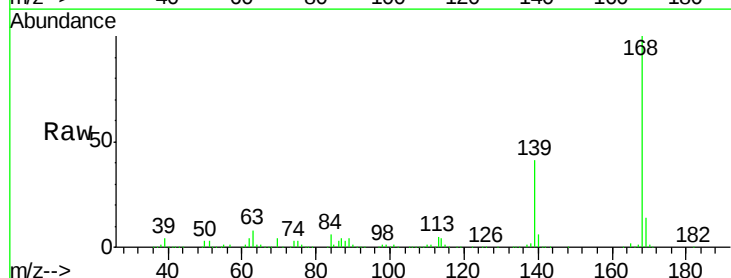


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

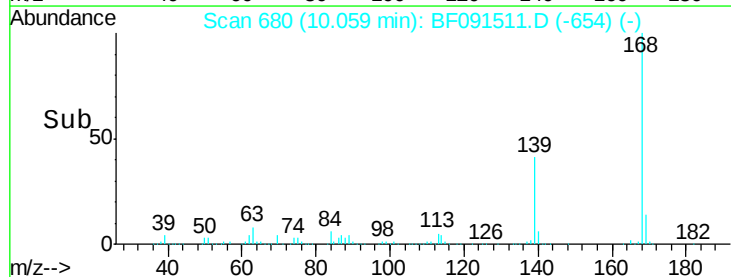
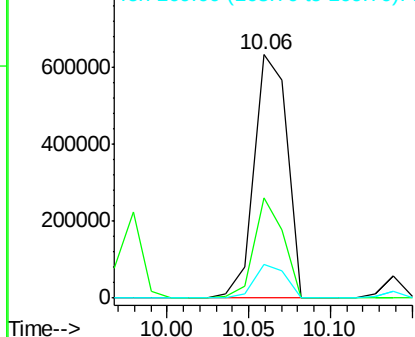


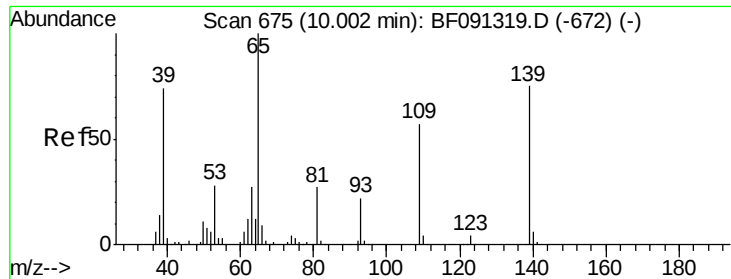
#54
 Dibenzofuran
 Concen: 26.93 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion:168 Resp: 888592
 Ion Ratio Lower Upper
 168 100
 139 41.2 33.4 50.2
 169 13.7 11.1 16.7



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

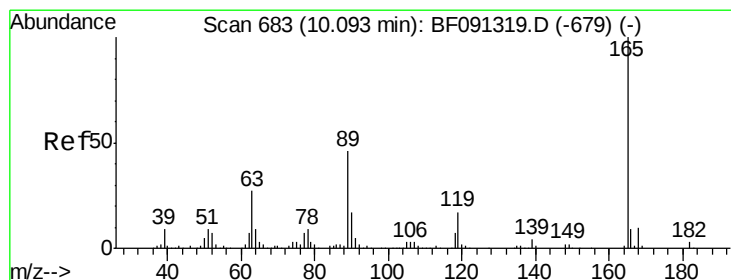
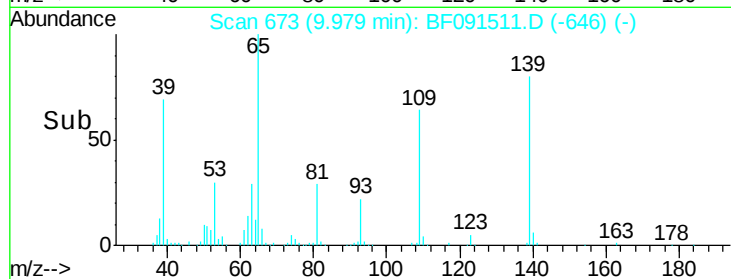
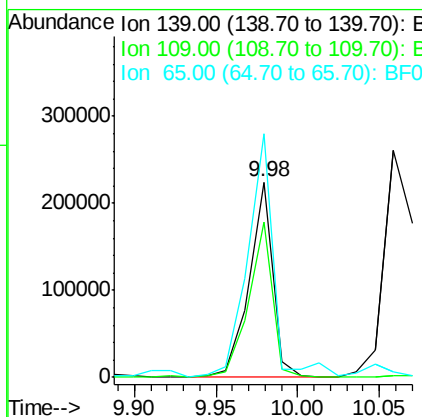
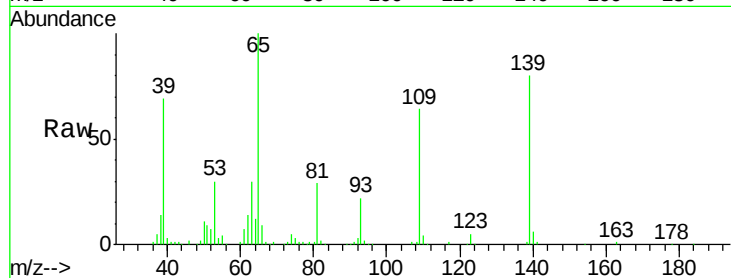




#55
4-Nitrophenol
Concen: 46.50 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

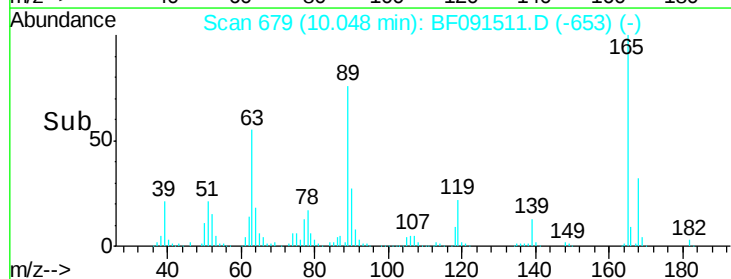
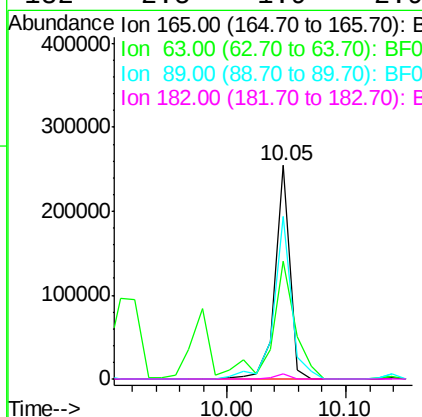
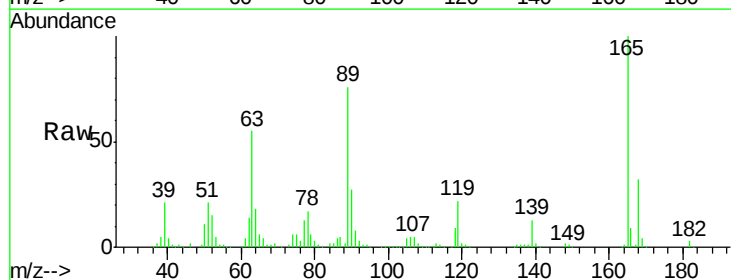
Instrument :
BNA_F
ClientSampleId :
PB95122BS

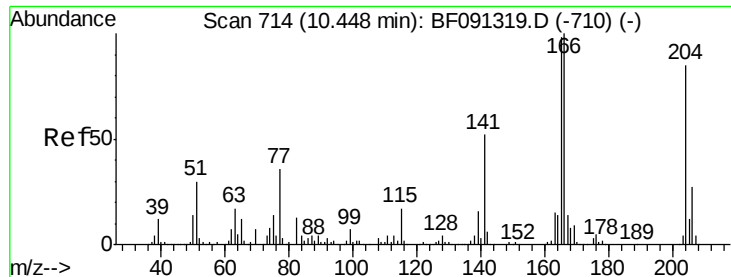
Tgt Ion:139 Resp: 228013
Ion Ratio Lower Upper
139 100
109 79.6 54.9 94.9
65 124.7 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 29.02 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion:165 Resp: 220788
Ion Ratio Lower Upper
165 100
63 55.1 29.0 43.4#
89 76.1 43.1 64.7#
182 2.5 1.9 2.9

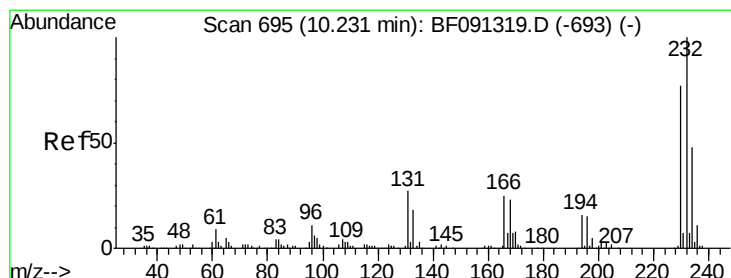
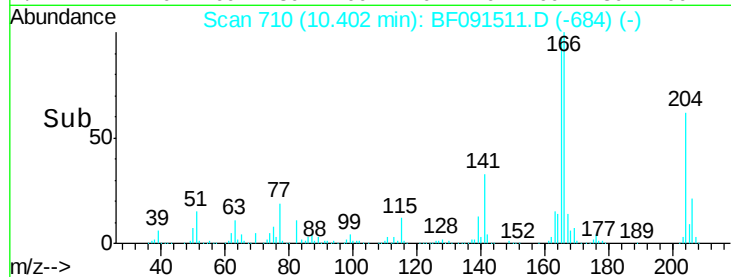
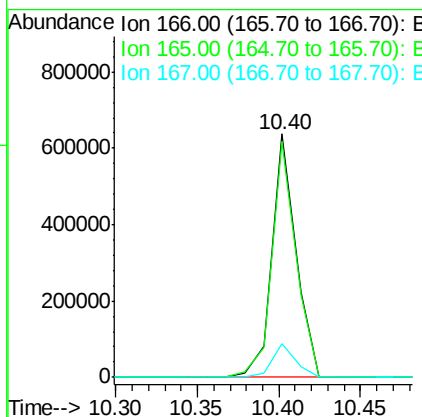
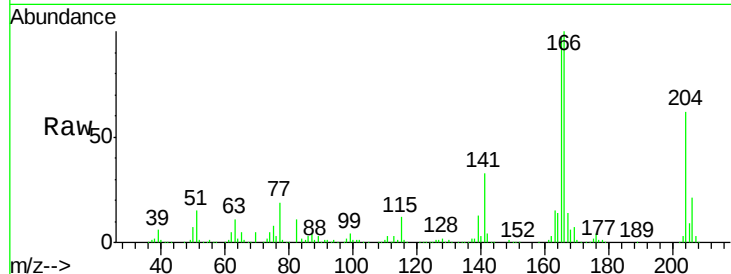




#57
Fluorene
 Concen: 25.86 ng
 RT: 10.40 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

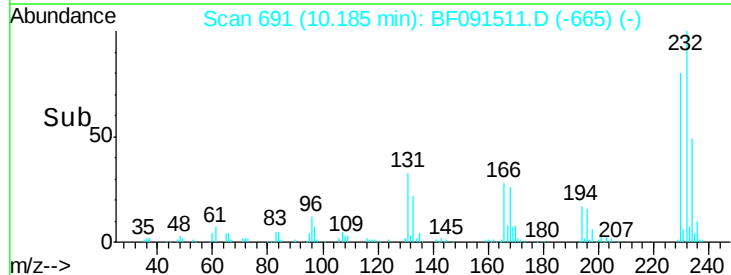
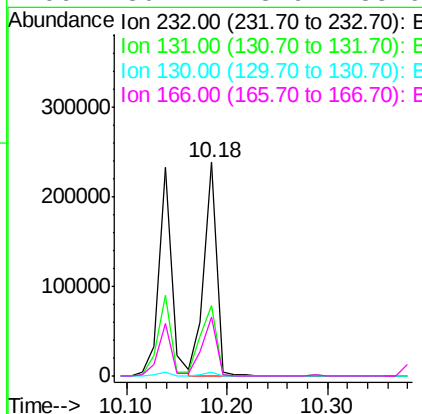
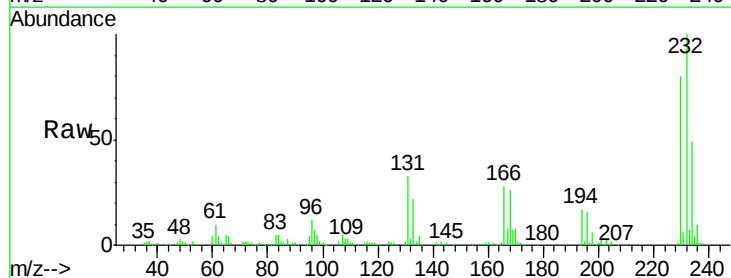
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

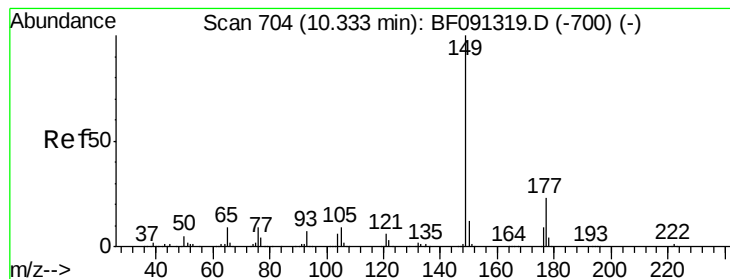
Tgt Ion:166 Resp: 654973
 Ion Ratio Lower Upper
 166 100
 165 97.0 80.0 120.0
 167 13.9 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.15 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion:232 Resp: 211666
 Ion Ratio Lower Upper
 232 100
 131 40.3 38.4 57.6
 130 2.0 1.8 2.8
 166 30.7 23.9 35.9





#59

Diethylphthalate

Concen: 28.67 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

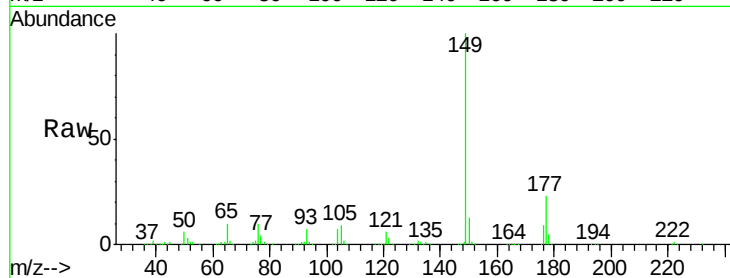
Tgt Ion:149 Resp: 742737

Ion Ratio Lower Upper

149 100

177 22.6 15.7 23.5

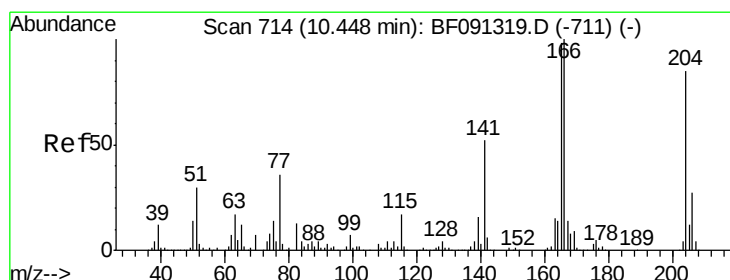
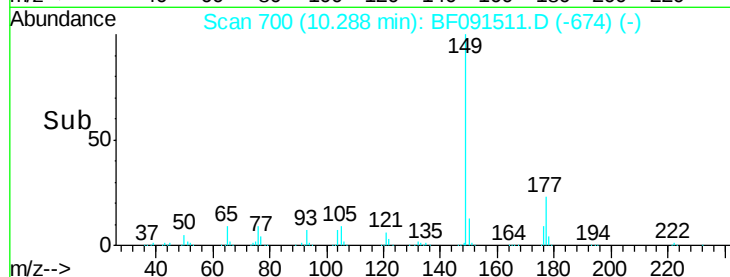
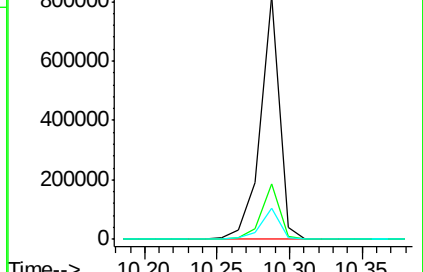
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 28.48 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

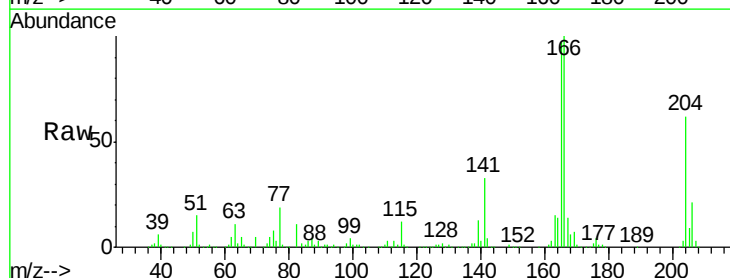
Tgt Ion:204 Resp: 361786

Ion Ratio Lower Upper

204 100

206 33.1 26.1 39.1

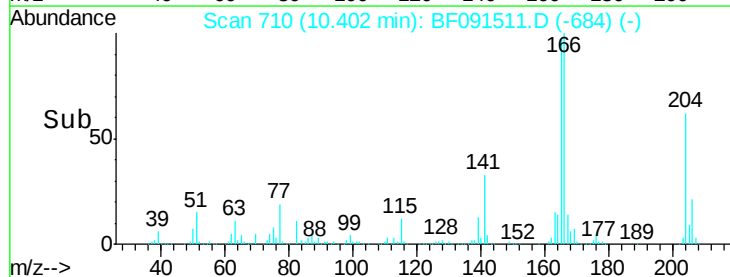
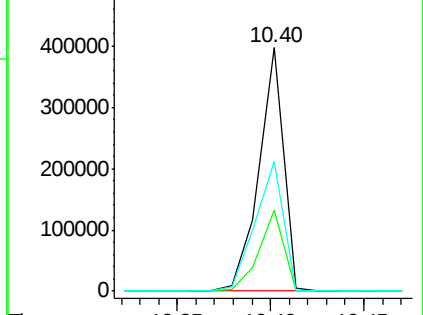
141 53.4 40.6 61.0

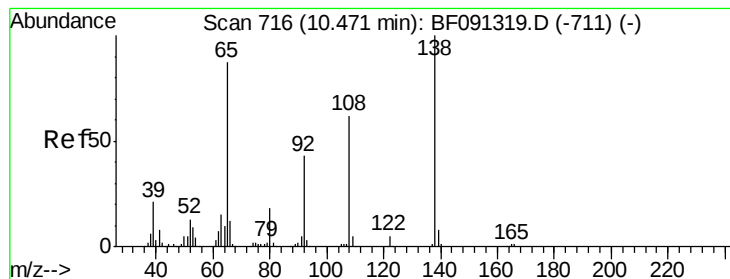


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 23.41 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

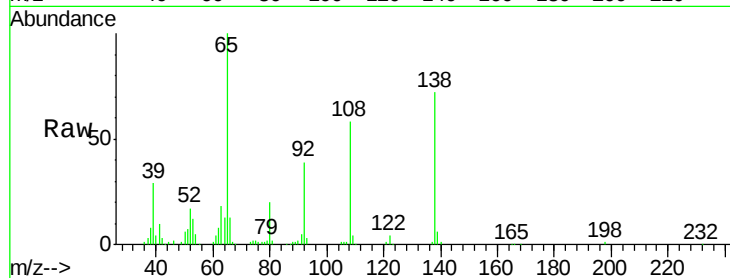
Tgt Ion:138 Resp: 149256

Ion Ratio Lower Upper

138 100

92 54.3 26.9 66.9

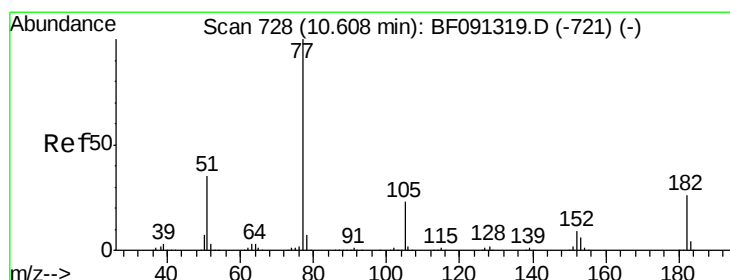
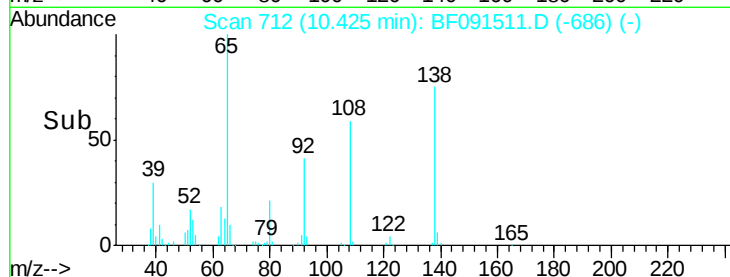
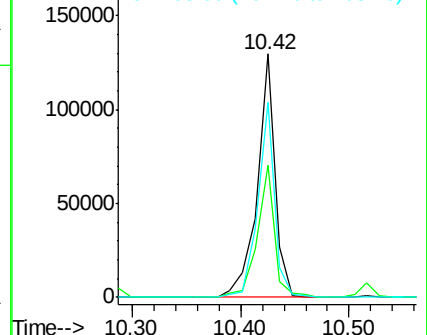
108 80.0 49.1 89.1



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: 29.50 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Tgt Ion: 77 Resp: 779799

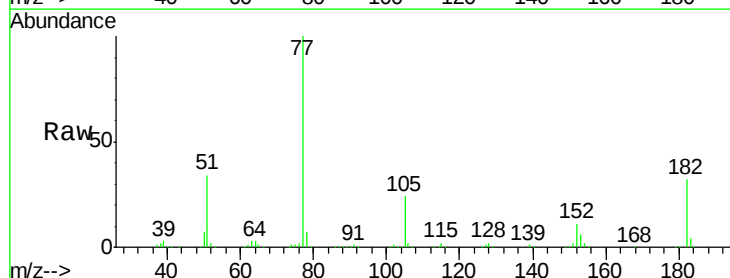
Ion Ratio Lower Upper

77 100

182 32.4 12.5 52.5

105 23.5 3.7 43.7

51 34.4 11.9 51.9

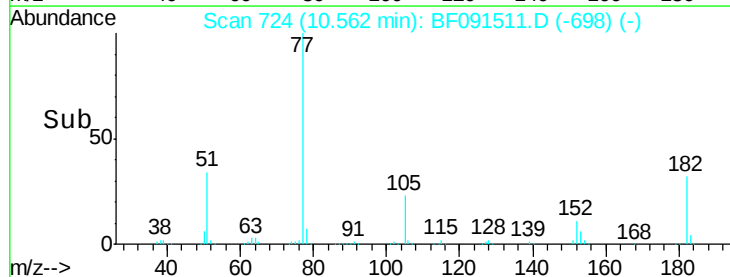
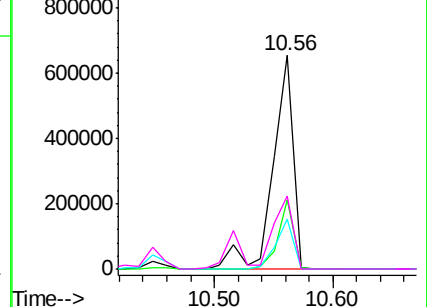


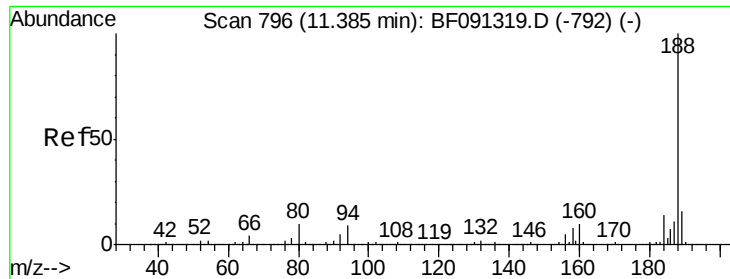
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

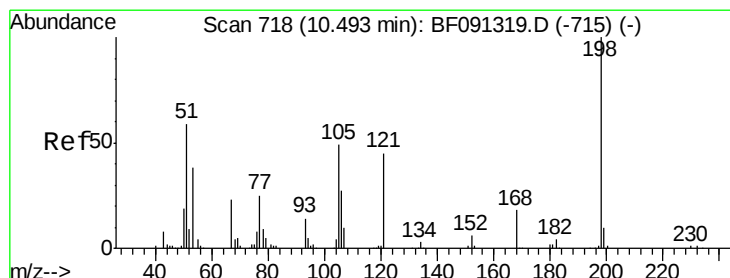
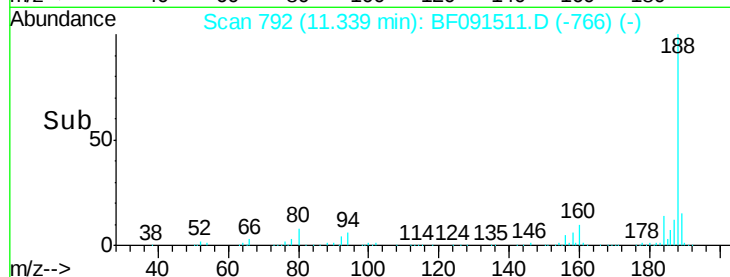
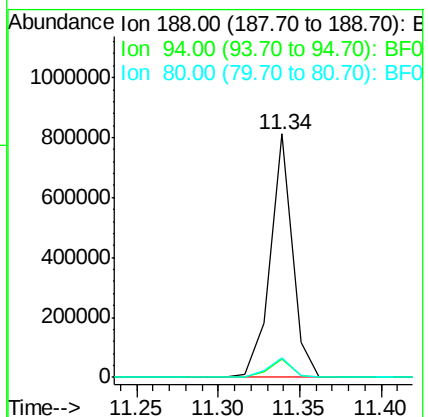
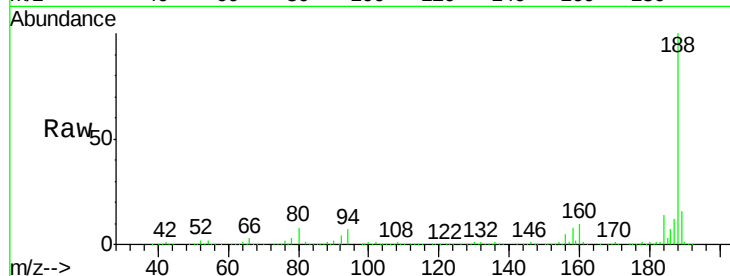




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

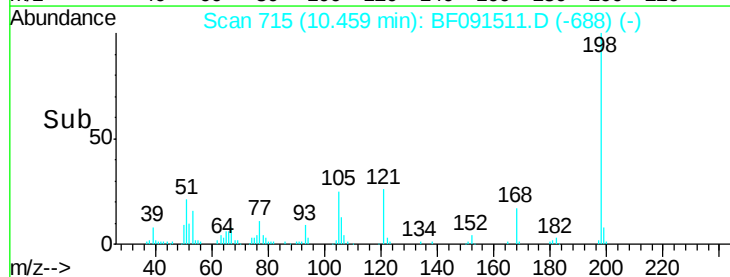
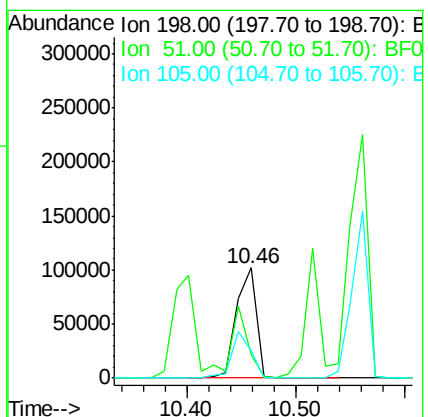
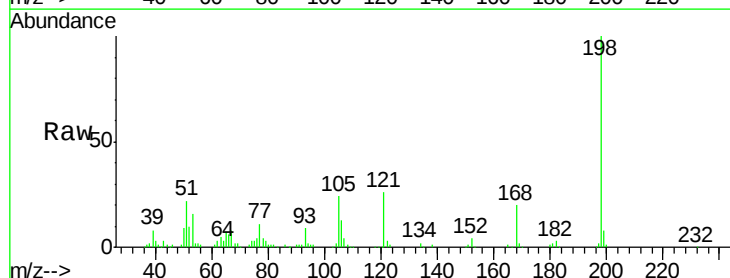
Instrument :
BNA_F
ClientSampleId :
PB95122BS

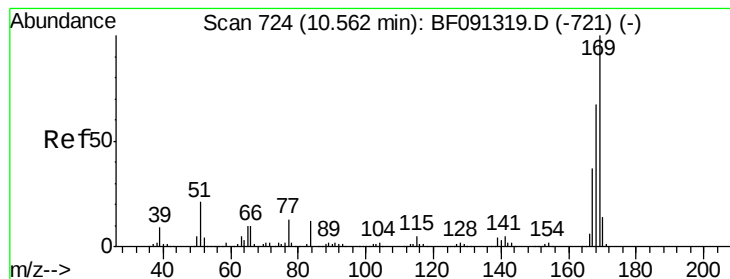
Tgt Ion:188 Resp: 770352
Ion Ratio Lower Upper
188 100
94 7.4 9.2 13.8#
80 8.0 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 29.96 ng
RT: 10.46 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion:198 Resp: 127148
Ion Ratio Lower Upper
198 100
51 21.6 77.1 117.1#
105 24.4 44.8 84.8#

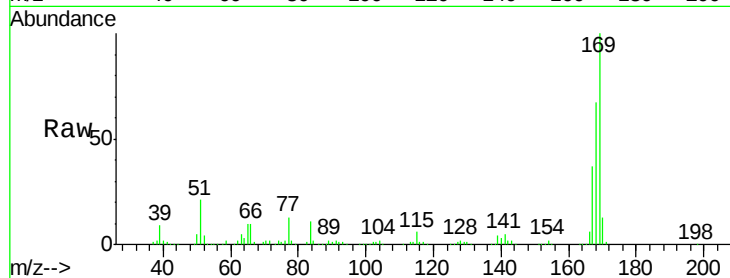




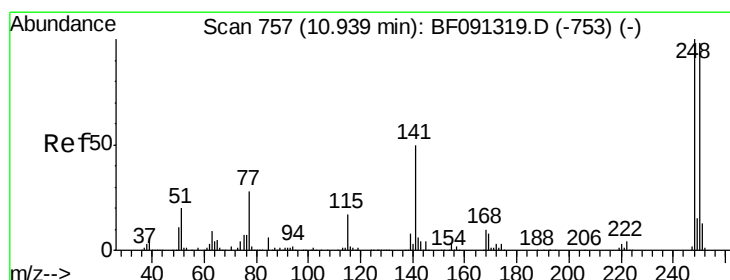
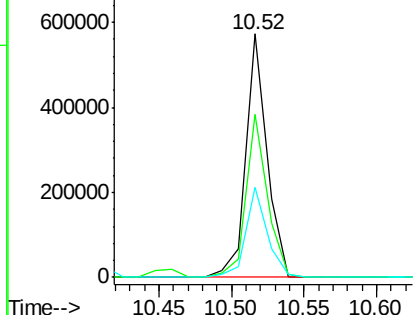
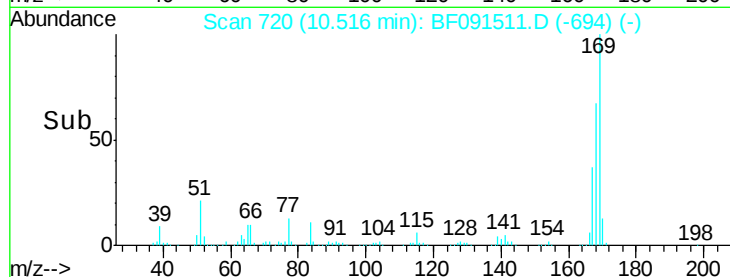
#65
 n-Nitrosodiphenylamine
 Concen: 24.81 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion:169 Resp: 579461
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.8 80.8
 167 37.1 29.8 44.8

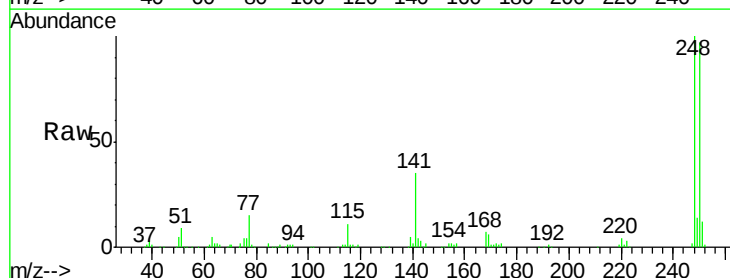


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

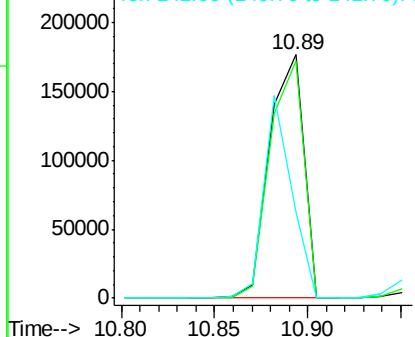
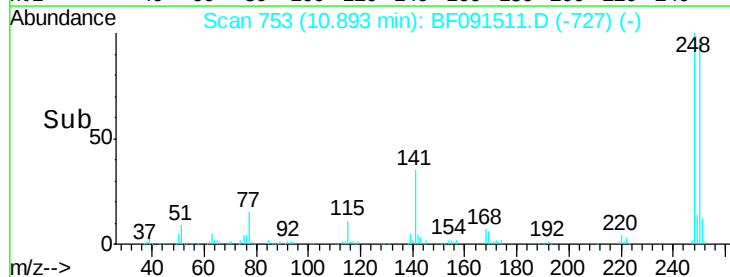


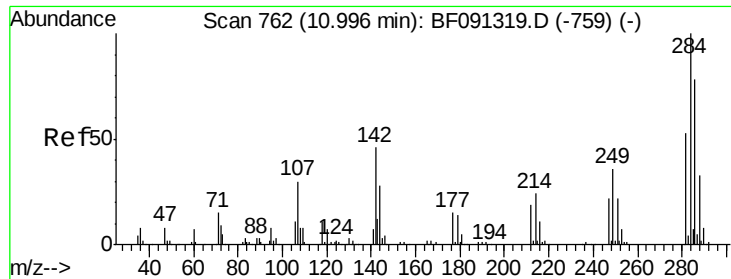
#66
 4-Bromophenyl-phenylether
 Concen: 27.24 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion:248 Resp: 225531
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.2 117.4
 141 35.3 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 26.13 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

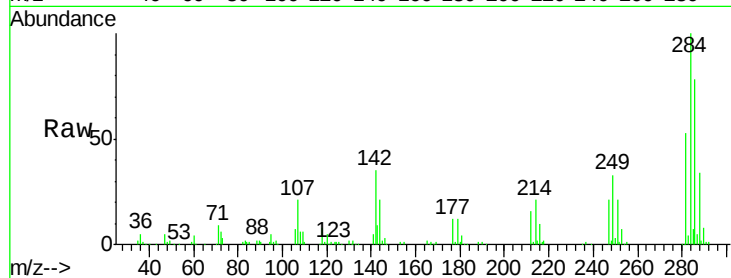
Tgt Ion:284 Resp: 233792

Ion Ratio Lower Upper

284 100

142 34.9 17.9 26.9#

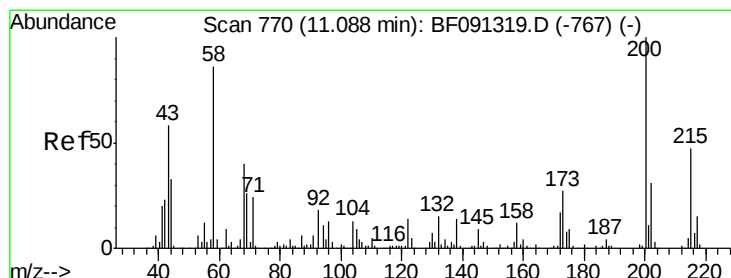
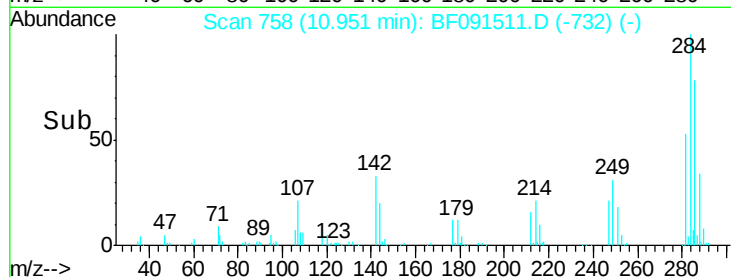
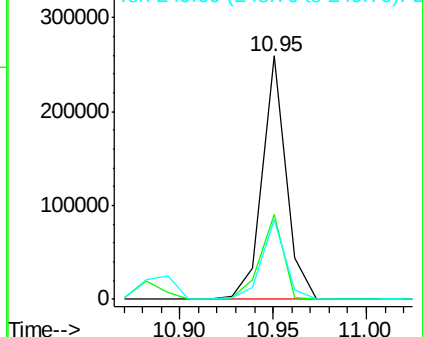
249 32.7 23.6 35.4



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: 27.85 ng

RT: 11.05 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

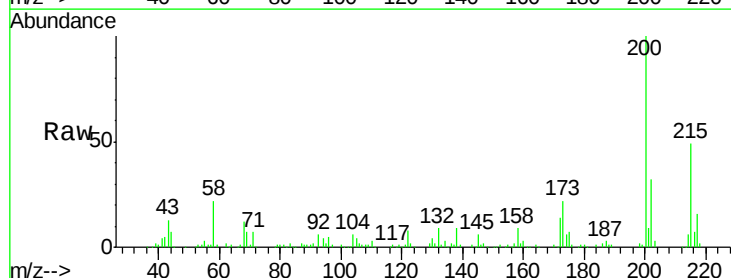
Tgt Ion:200 Resp: 210687

Ion Ratio Lower Upper

200 100

173 22.4 7.8 47.8

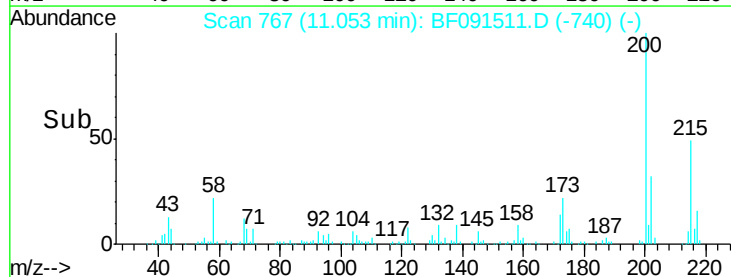
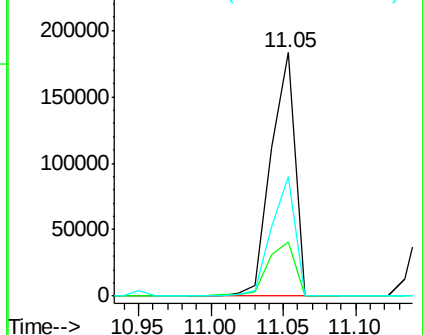
215 49.3 24.3 64.3

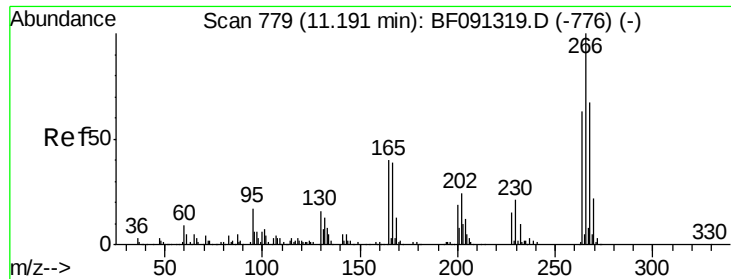


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

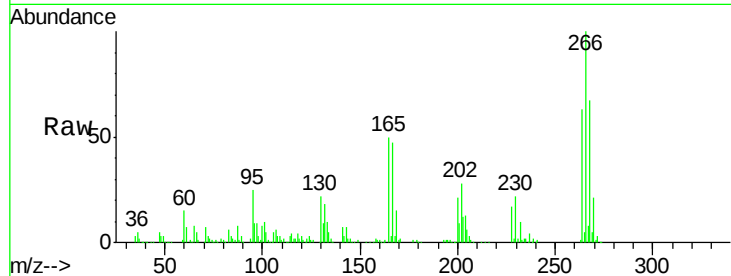




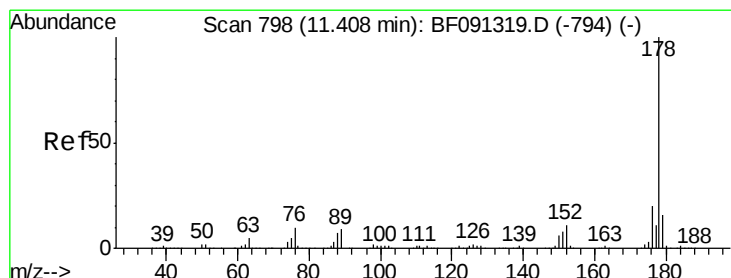
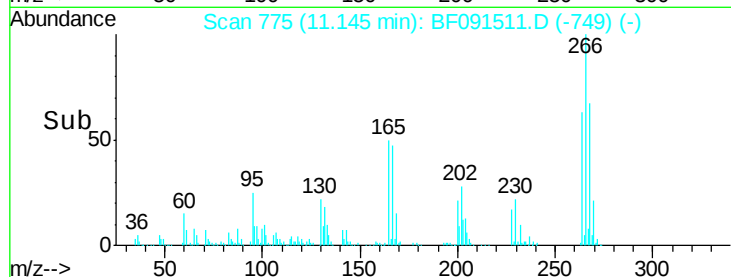
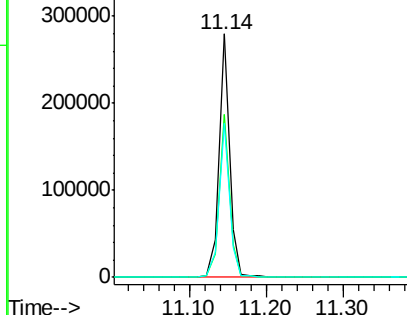
#69
 Pentachlorophenol
 Concen: 51.18 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	50.3	75.5
264	63.3	48.2	72.2

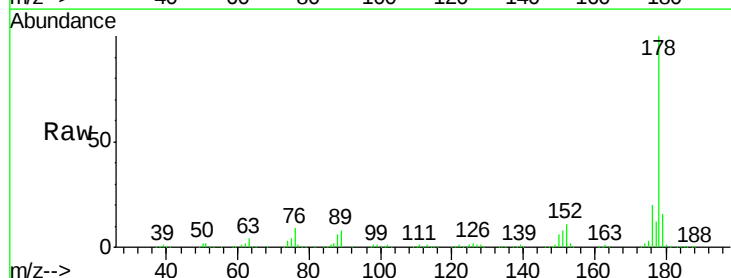


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

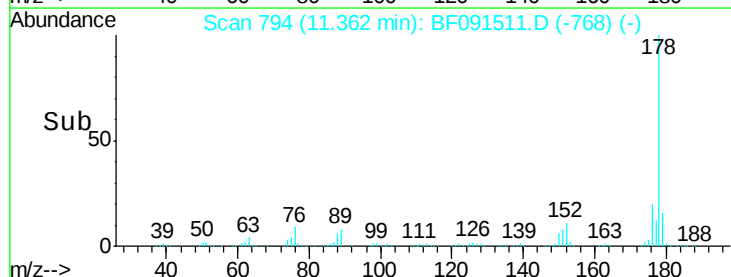
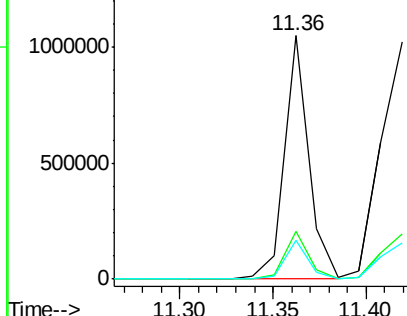


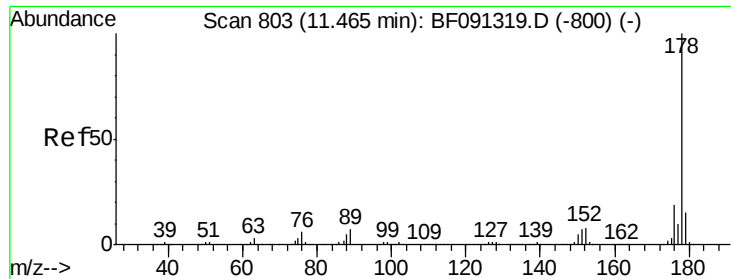
#70
 Phenanthrene
 Concen: 23.69 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.7	12.6	18.8



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

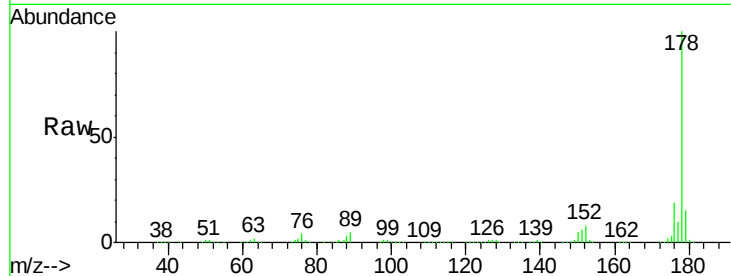




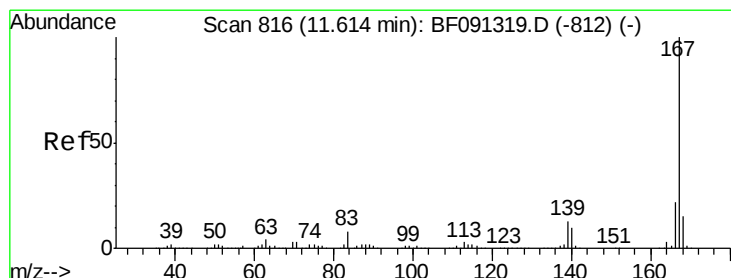
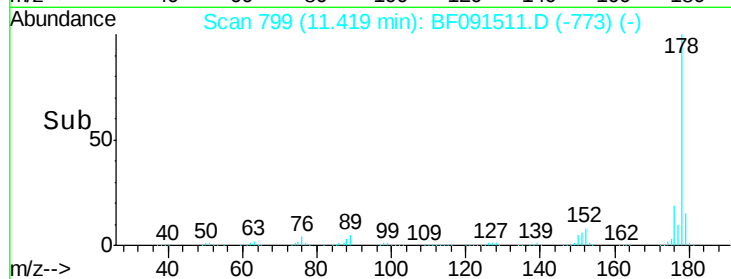
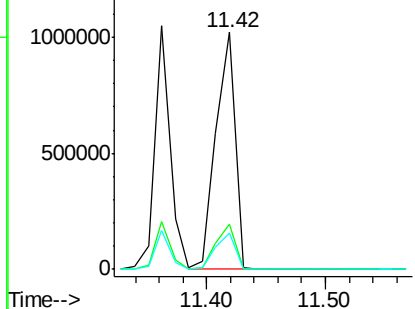
#71
 Anthracene
 Concen: 28.57 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion:178 Resp: 1135144
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.4 12.7 19.1

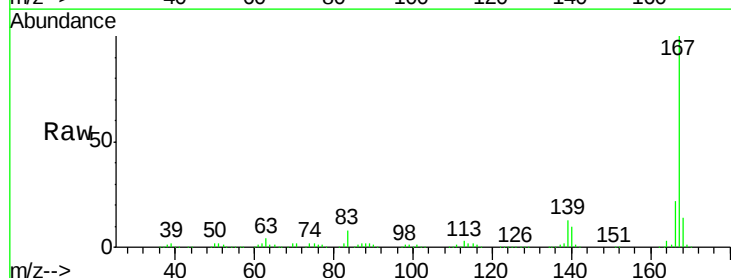


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

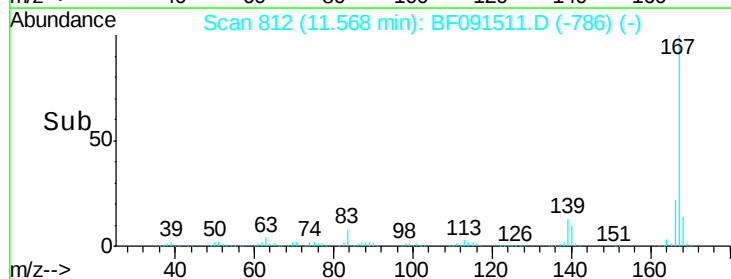
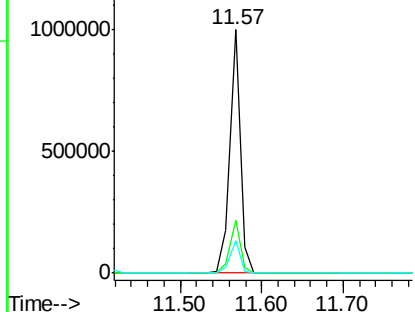


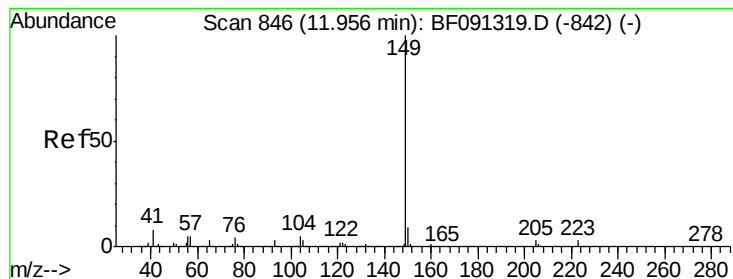
#72
 Carbazole
 Concen: 24.75 ng
 RT: 11.57 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion:167 Resp: 892246
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.3 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.81 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

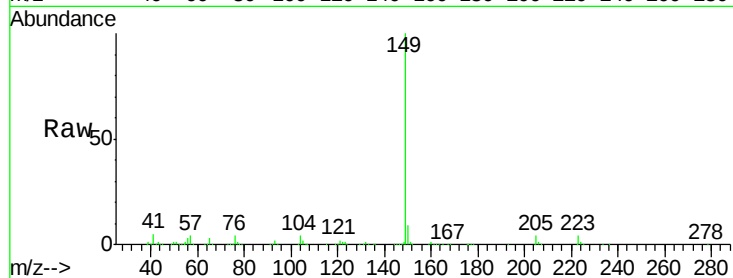
Tgt Ion:149 Resp: 1136143

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

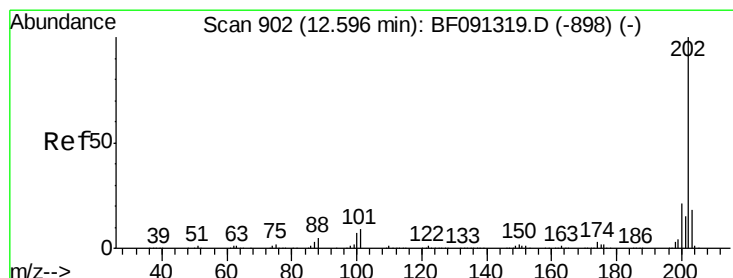
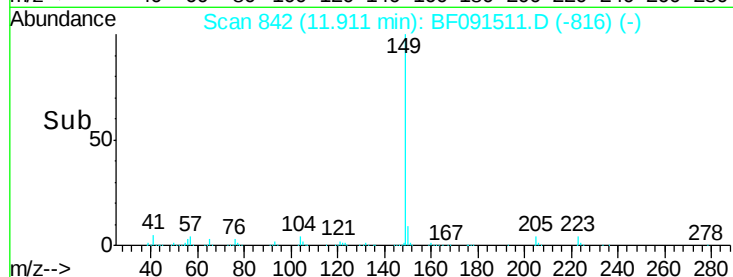
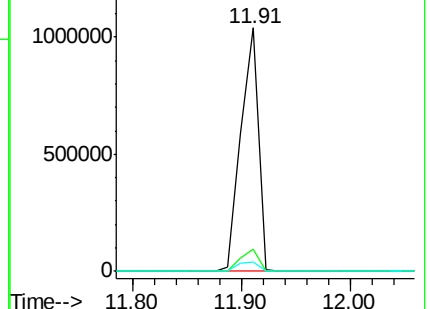
104 4.1 4.0 6.0



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: 31.12 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

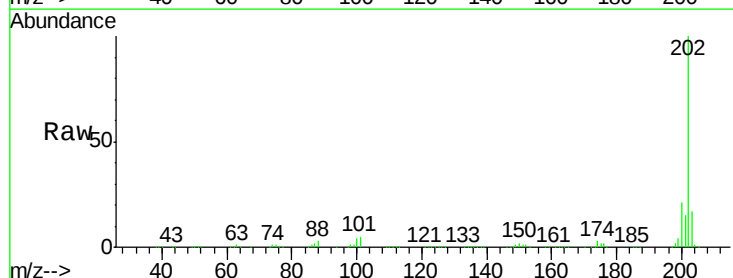
Tgt Ion:202 Resp: 1180086

Ion Ratio Lower Upper

202 100

101 5.1 0.0 29.5

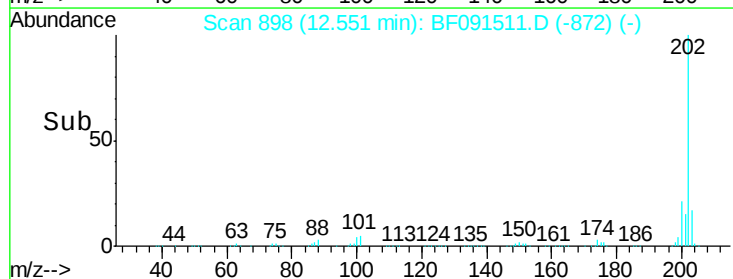
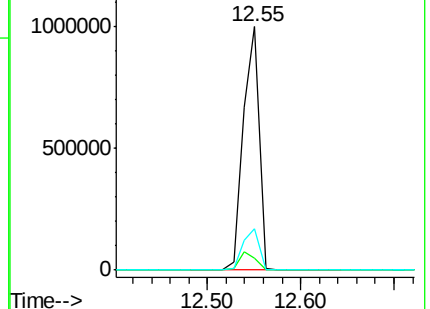
203 17.1 0.0 37.8

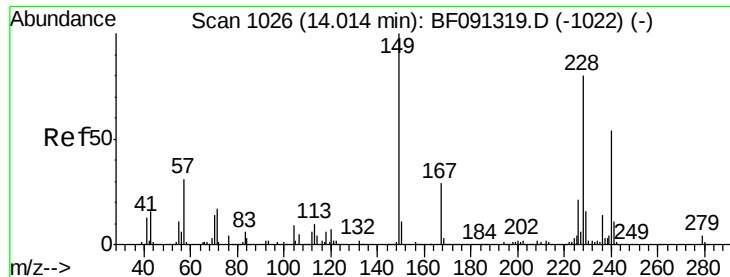


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

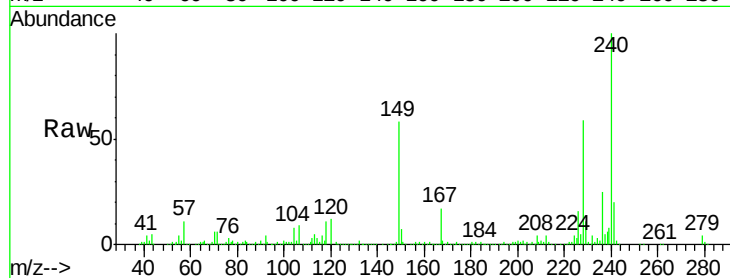
Tgt Ion:240 Resp: 591762

Ion Ratio Lower Upper

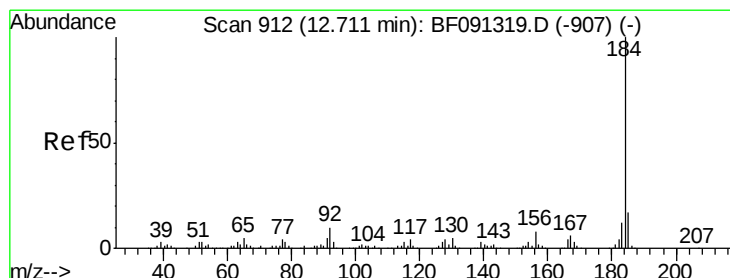
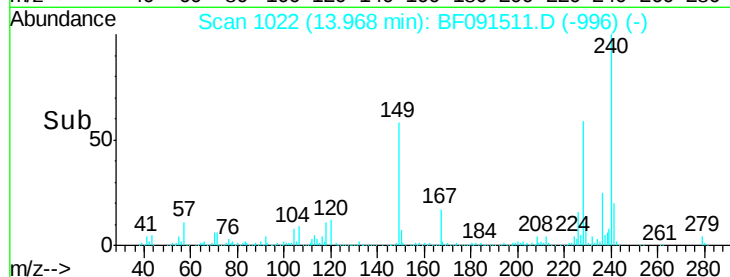
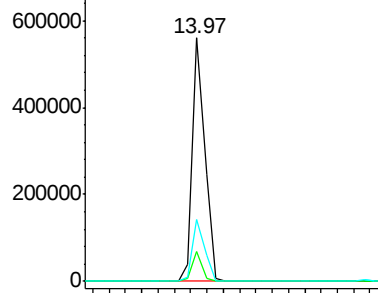
240 100

120 12.5 12.1 18.1

236 25.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.87 ng

RT: 12.66 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

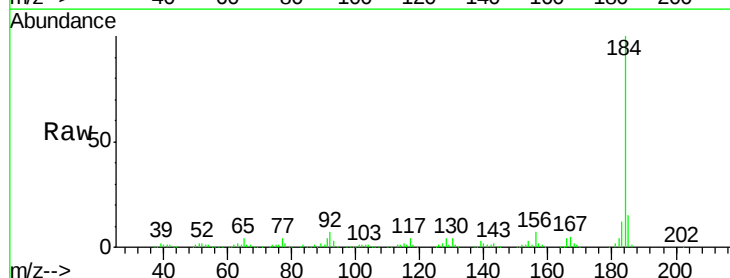
Tgt Ion:184 Resp: 362561

Ion Ratio Lower Upper

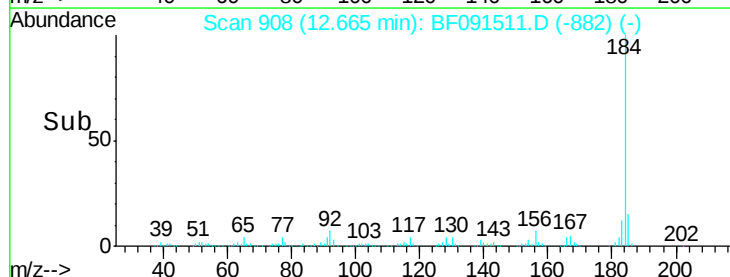
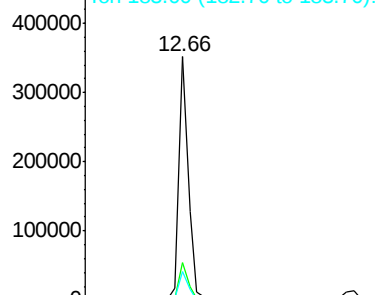
184 100

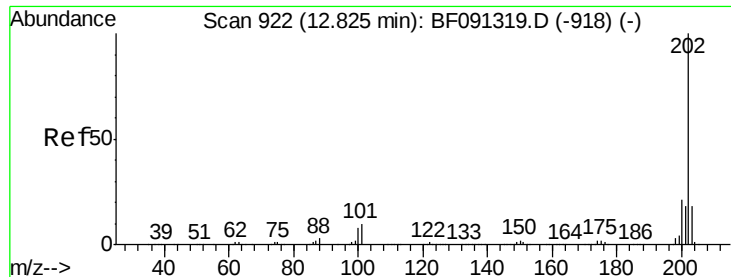
185 15.4 13.1 19.7

183 11.6 8.9 13.3



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



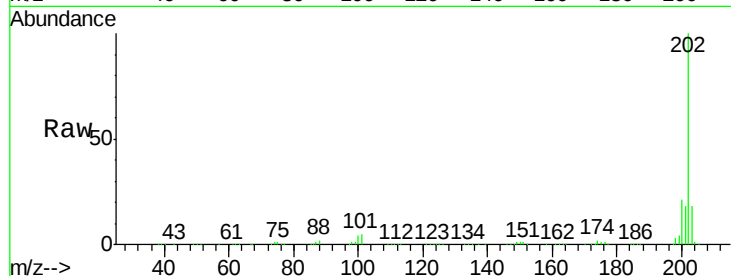


#77
Pyrene
 Concen: 25.61 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

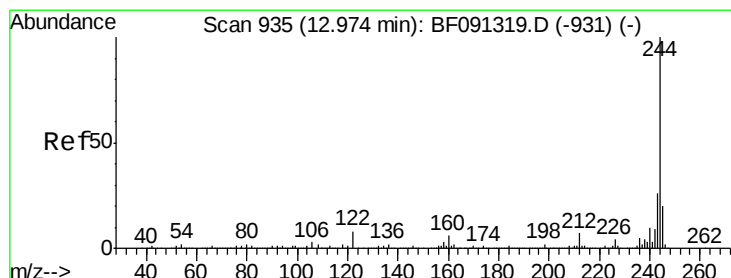
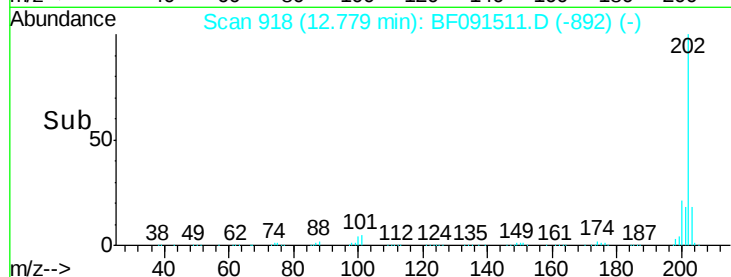
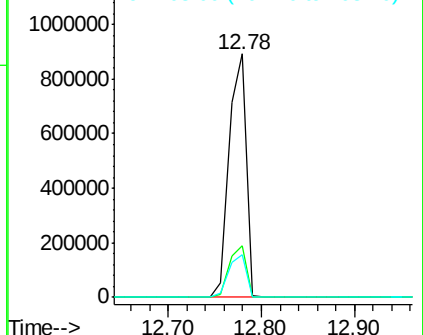
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion: 202 Resp: 1150080

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.7	14.0	21.0



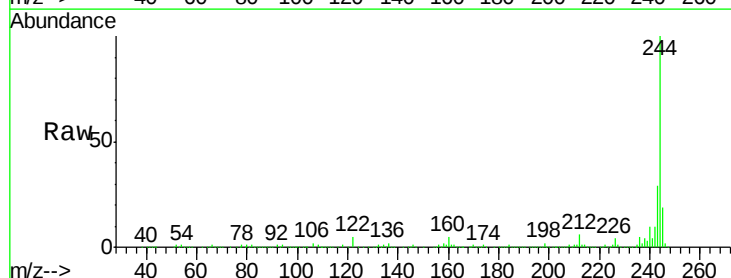
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



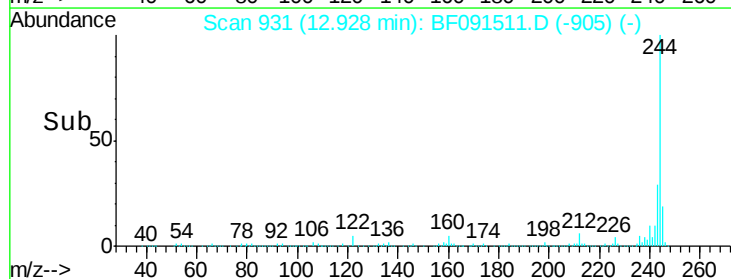
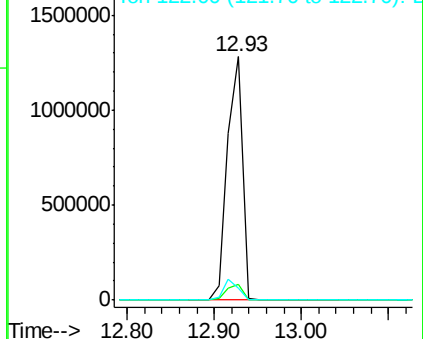
#78
Terphenyl-d14
 Concen: 56.82 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

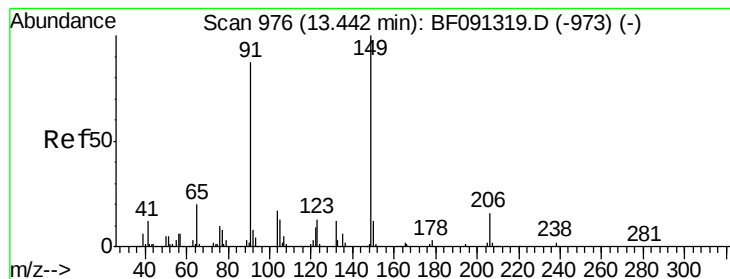
Tgt Ion: 244 Resp: 1546949

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.5	9.7#
122	5.1	9.5	14.3#



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





#79

Butylbenzylphthalate

Concen: 26.49 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS

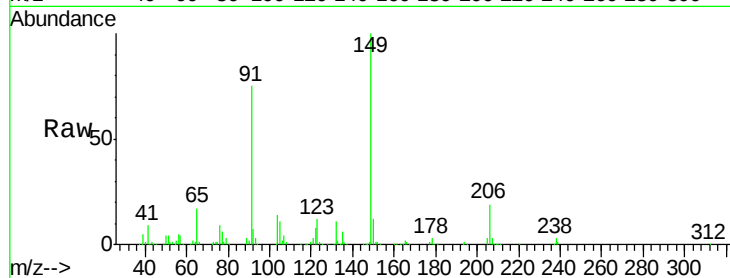
Tgt Ion:149 Resp: 445536

Ion Ratio Lower Upper

149 100

91 74.9 57.4 86.2

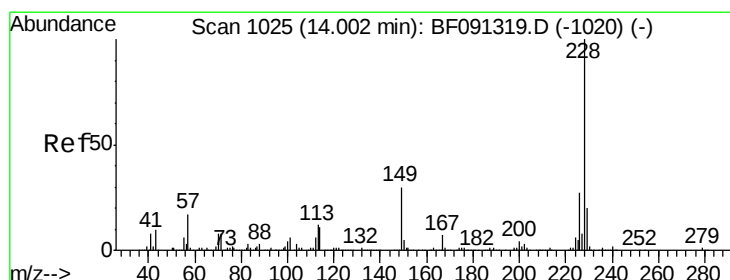
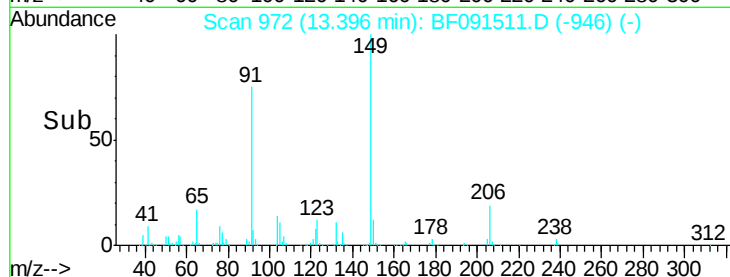
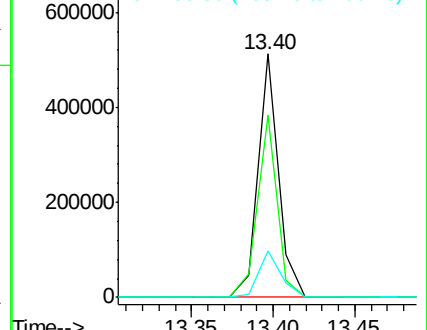
206 18.9 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 27.13 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF091511.D

Acq: 8 Dec 2016 19:16

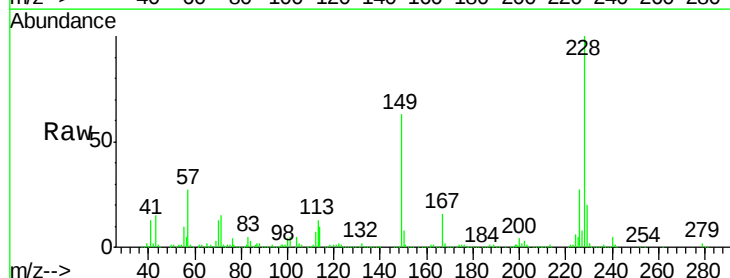
Tgt Ion:228 Resp: 939028

Ion Ratio Lower Upper

228 100

226 27.2 22.5 33.7

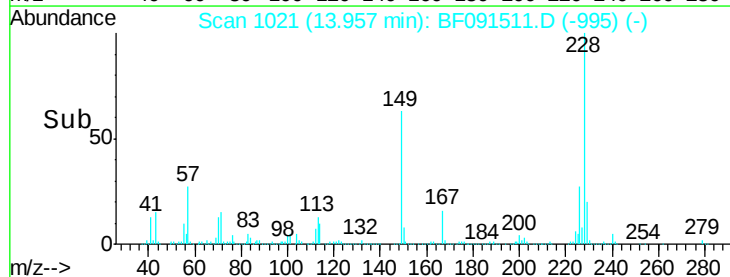
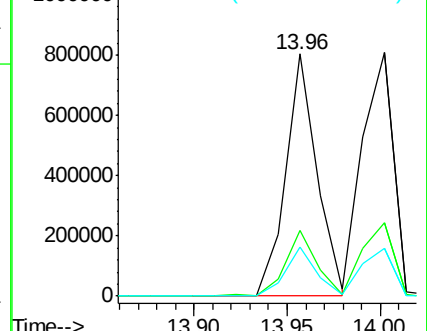
229 20.0 16.4 24.6

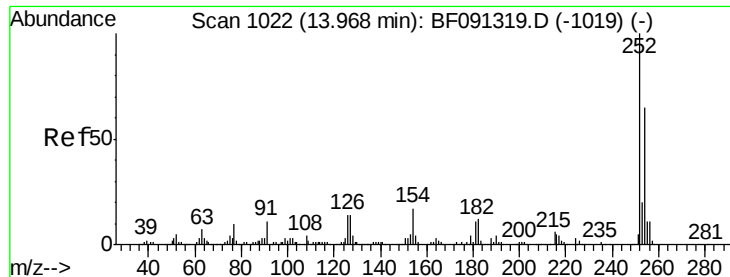


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

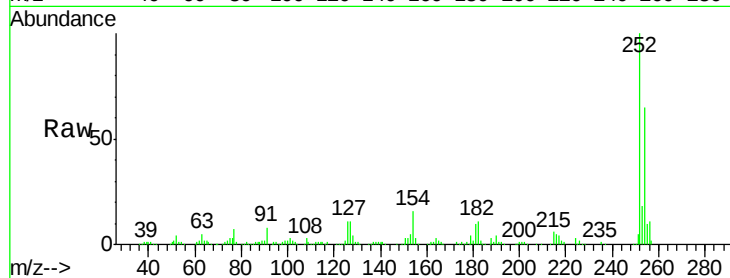




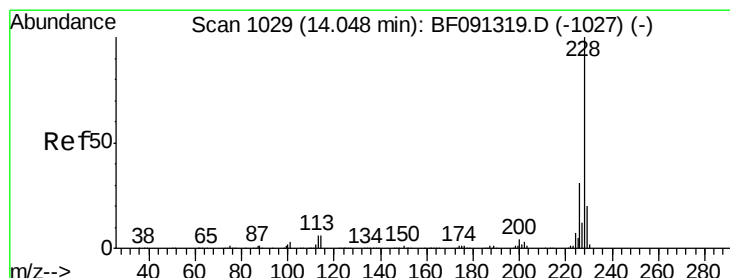
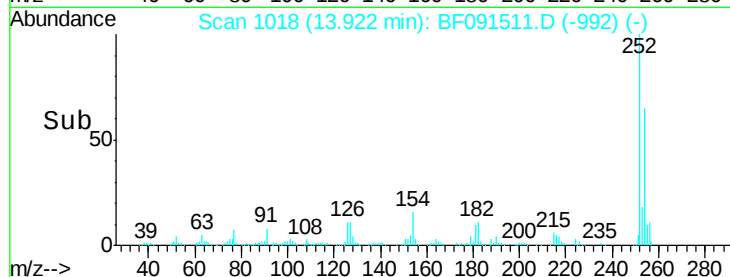
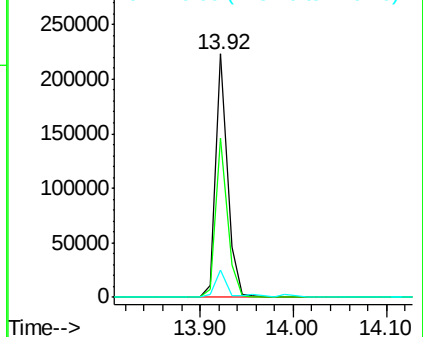
#81
 3,3'-Dichlorobenzidine
 Concen: 16.12 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tgt Ion:252 Resp: 196537
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.1 78.1
 126 11.0 7.5 11.3

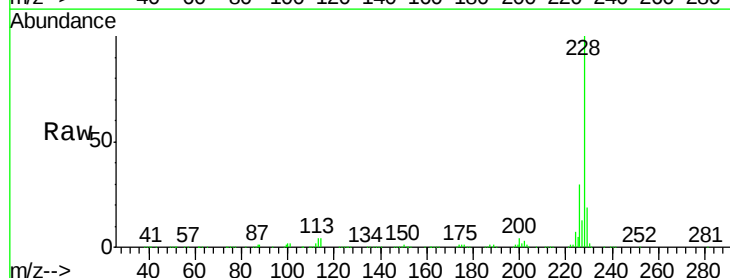


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

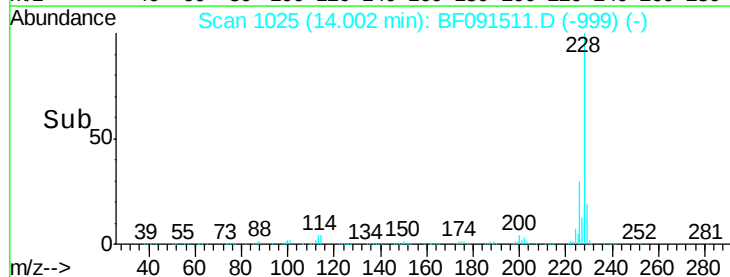
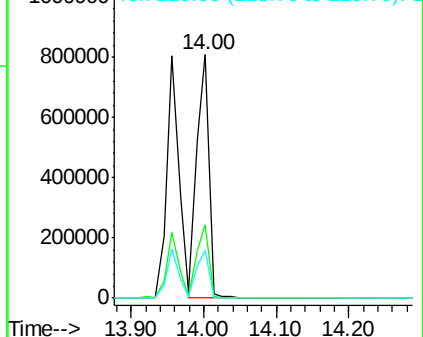


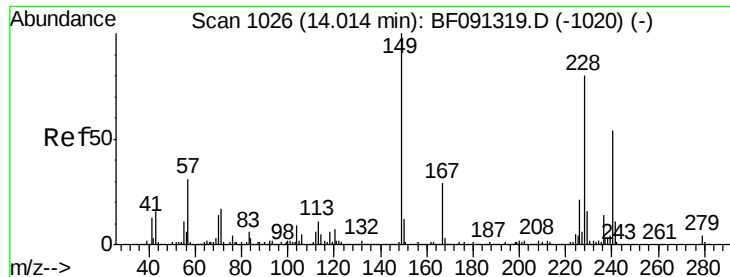
#82
 Chrysene
 Concen: 27.41 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion:228 Resp: 938563
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.0 37.4
 229 19.5 16.0 24.0



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

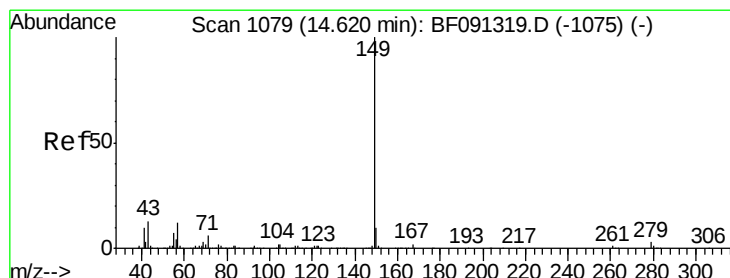
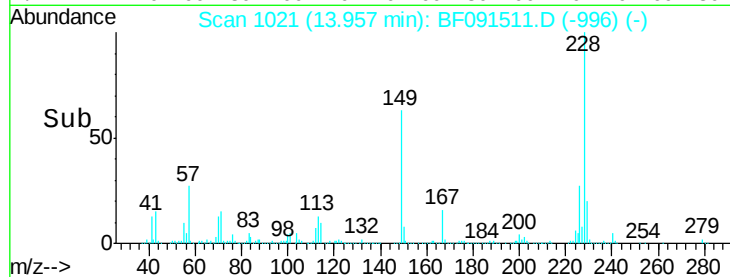
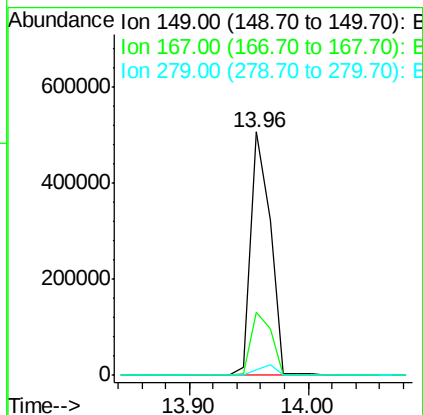
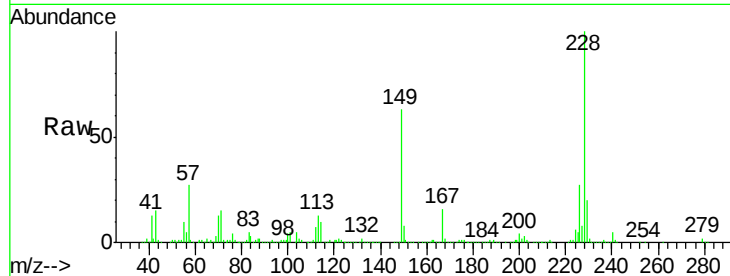




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.59 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

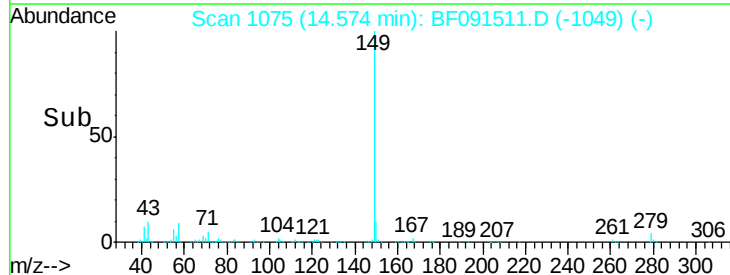
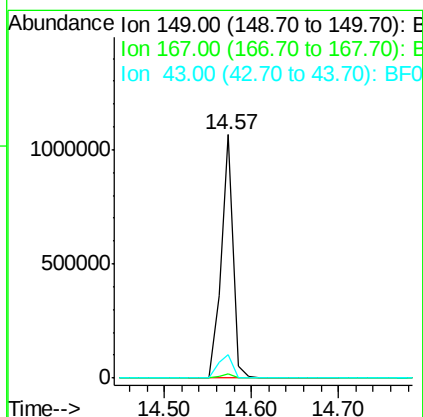
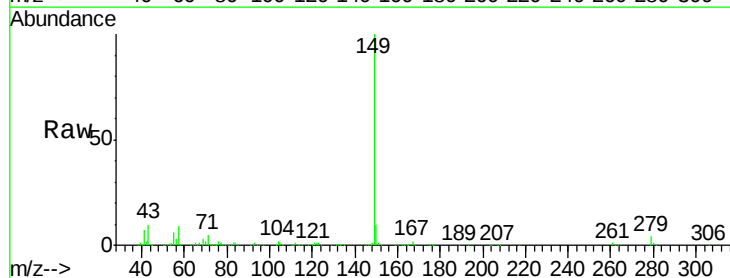
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

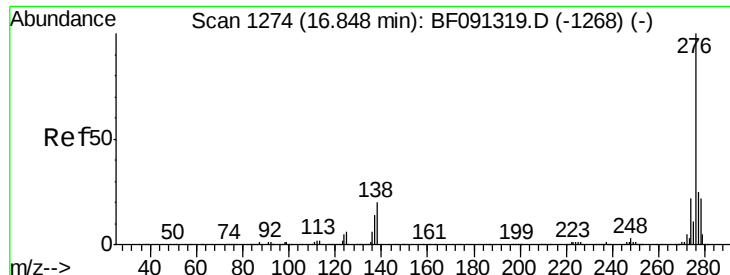
Tgt Ion:149 Resp: 588090
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.6 29.4
 279 2.5 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 31.72 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion:149 Resp: 1023085
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.1 11.9 17.9

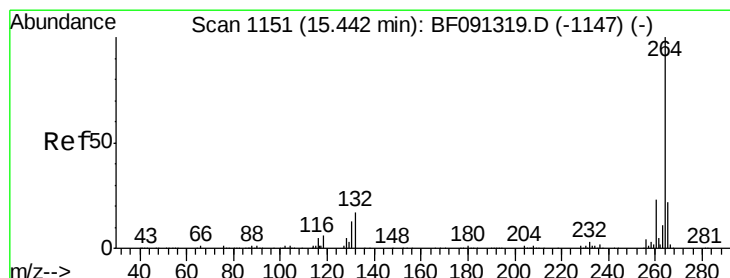
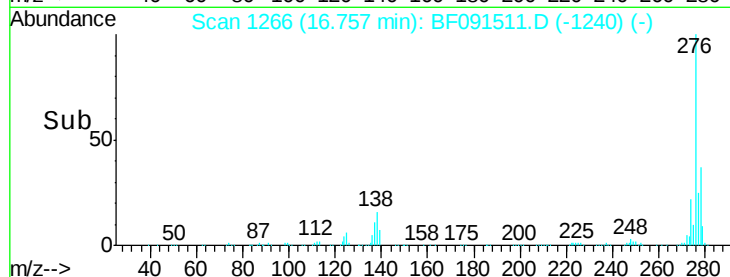
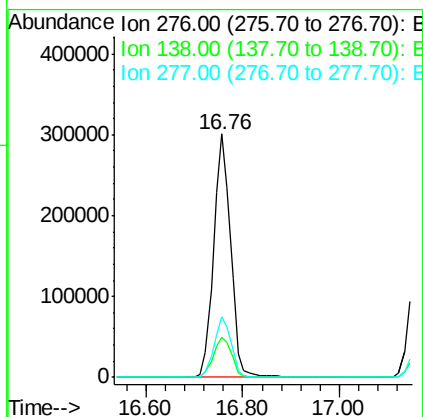
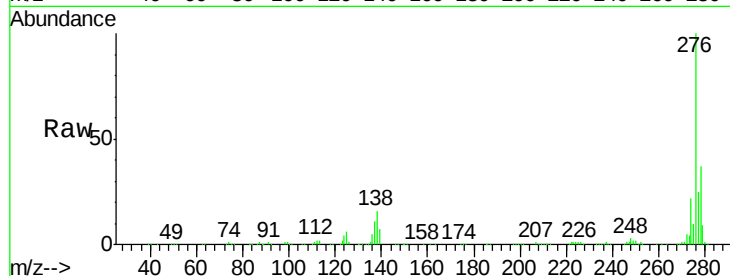




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.93 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

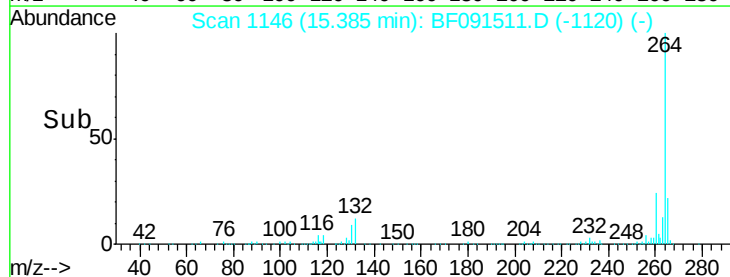
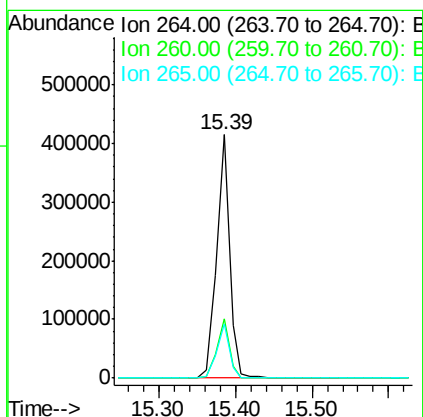
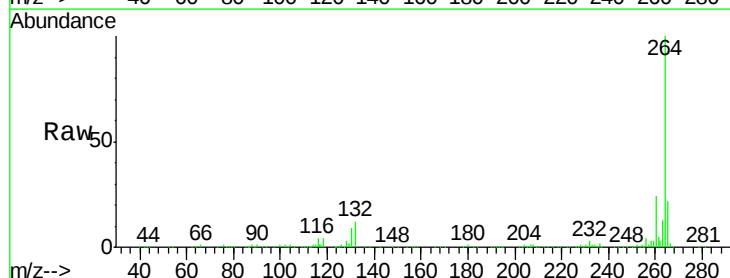
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

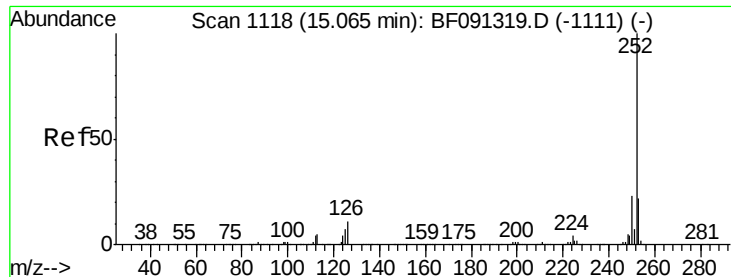
Tgt Ion: 276 Resp: 750467
 Ion Ratio Lower Upper
 276 100
 138 17.7 21.0 31.4#
 277 25.0 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF091511.D
 Acq: 8 Dec 2016 19:16

Tgt Ion: 264 Resp: 485982
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 22.0 17.0 25.6

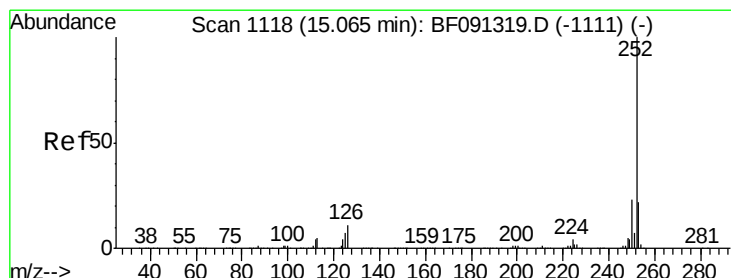
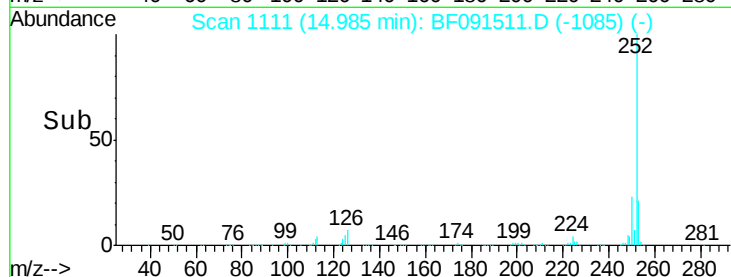
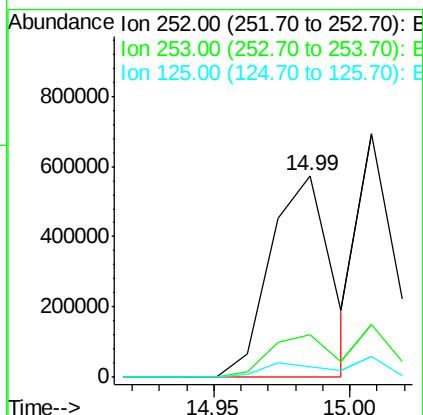
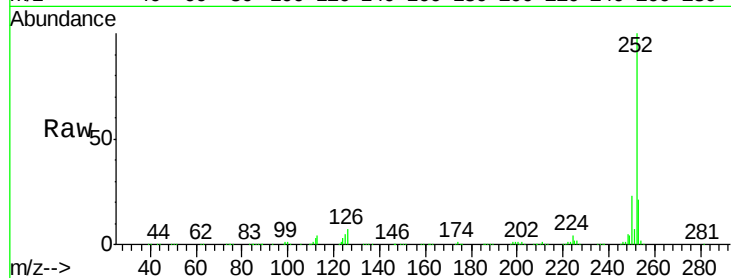




#87
Benzo(b)fluoranthene
Concen: 29.14 ng m
RT: 14.99 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

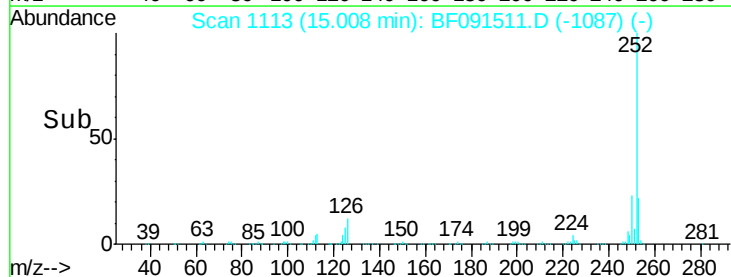
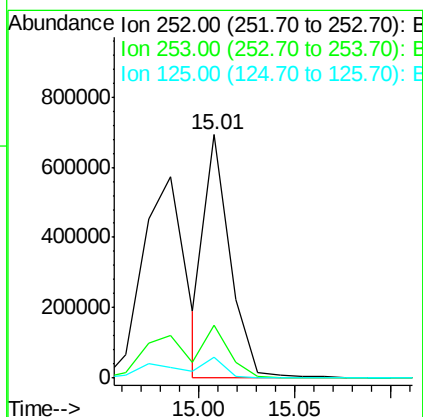
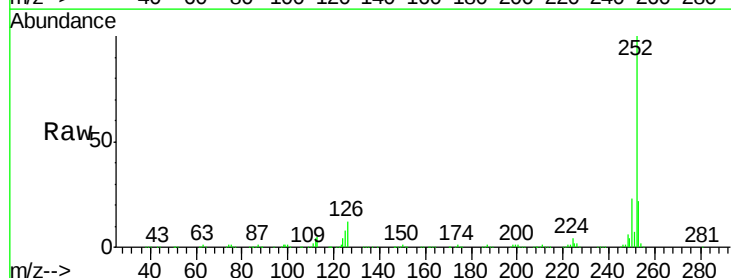
Instrument :
BNA_F
ClientSampleId :
PB95122BS

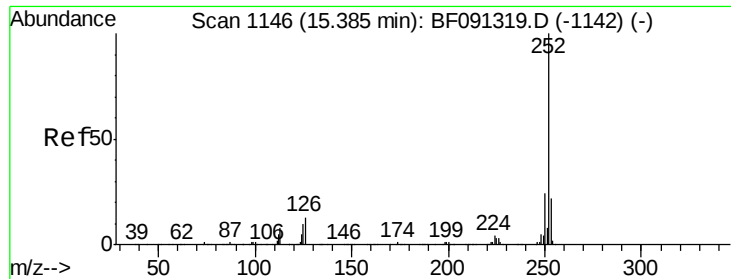
Tgt Ion:252 Resp: 880268
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 5.2 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 25.61 ng m
RT: 15.01 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion:252 Resp: 650461
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.4 9.6 14.4#

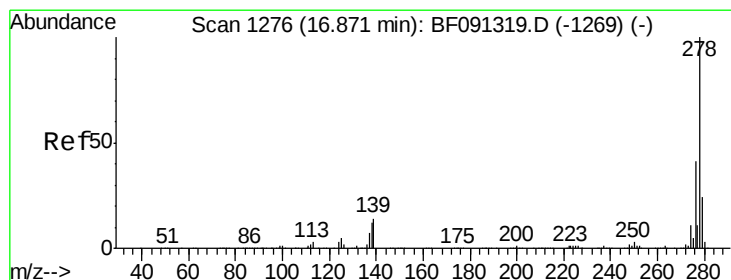
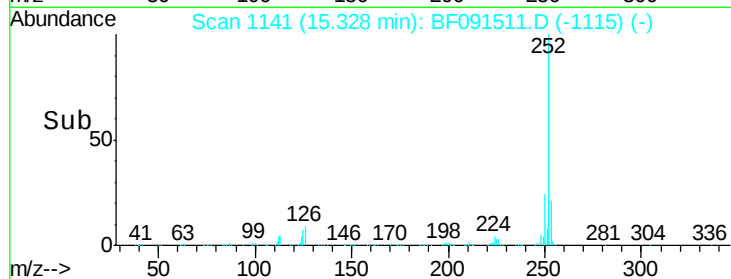
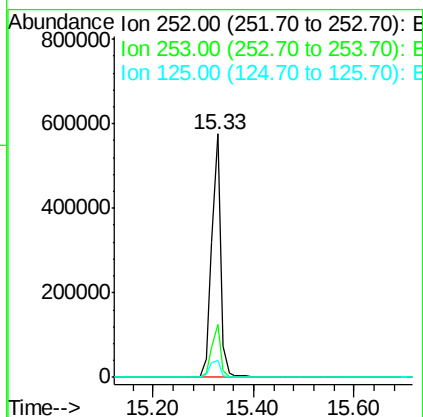
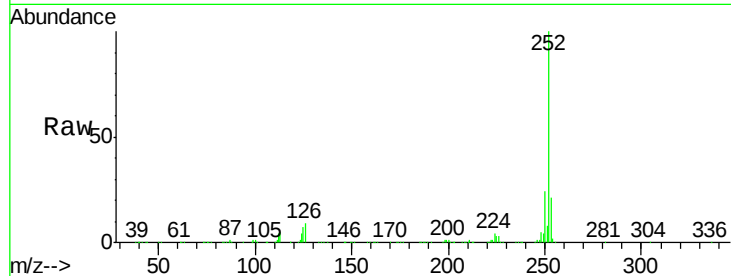




#89
Benzo(a)pyrene
Concen: 26.38 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

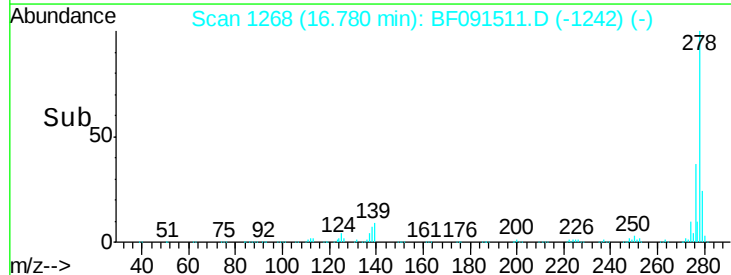
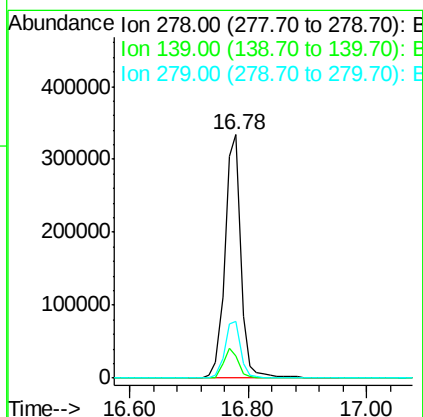
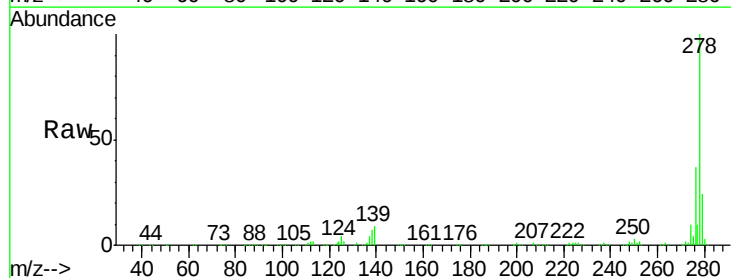
Instrument :
BNA_F
ClientSampleId :
PB95122BS

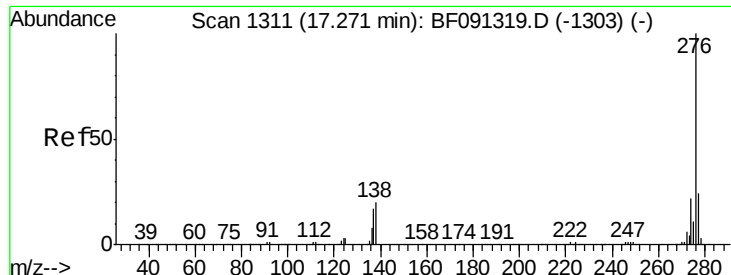
Tgt Ion:252 Resp: 715728
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 7.0 10.4 15.6#



#90
Dibenzo(a,h)anthracene
Concen: 24.85 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF091511.D
Acq: 8 Dec 2016 19:16

Tgt Ion:278 Resp: 623602
Ion Ratio Lower Upper
278 100
139 9.2 15.1 22.7#
279 23.5 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 24.52 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF091511.D

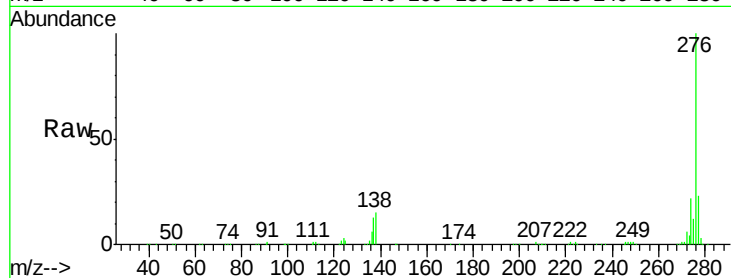
Acq: 8 Dec 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB95122BS



Tgt Ion:	276	Resp:	634426
Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	15.1	15.4	23.0

