

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091711.D
 Acq On : 17 Dec 2016 13:24
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Quant Time: Dec 17 22:18:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:15:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	294709	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1188947	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	633872	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1084510	20.00	ng	0.00
75) Chrysene-d12	13.93	240	1049145	20.00	ng	0.00
86) Perylene-d12	15.33	264	963684	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	103097	5.85	ng	-0.01
7) Phenol-d6	6.40	99	124889	5.67	ng	-0.02
23) Nitrobenzene-d5	7.32	82	111266	5.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	33656	6.36	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	231622	6.44	ng	-0.01
78) Terphenyl-d14	12.88	244	356193	7.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	23082	2.49	ng	97
3) Pyridine	3.05	79	66228	2.61	ng	93
4) n-Nitrosodimethylamine	2.96	42	28282	2.64	ng	# 90
6) Aniline	6.42	93	78929	2.74	ng	# 67
8) 2-Chlorophenol	6.54	128	55917	2.83	ng	98
9) Benzaldehyde	6.30	77	44886	2.98	ng	91
10) Phenol	6.42	94	71071	2.71	ng	81
11) bis(2-Chloroethyl)ether	6.50	93	56199	2.94	ng	94
12) 1,3-Dichlorobenzene	6.70	146	62618	2.88	ng	# 95
13) 1,4-Dichlorobenzene	6.78	146	65043	3.04	ng	96
14) 1,2-Dichlorobenzene	6.93	146	57139	2.97	ng	98
15) Benzyl Alcohol	6.91	79	49505	2.85	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	83293	2.80	ng	99
17) 2-Methylphenol	7.02	107	45432	2.77	ng	99
18) Hexachloroethane	7.28	117	21327	2.56	ng	# 84
19) n-Nitroso-di-n-propylamine	7.17	70	39038	2.85	ng	95
20) 3+4-Methylphenols	7.18	107	61682	3.03	ng	# 81
22) Acetophenone	7.17	105	85815	2.99	ng	# 94
24) Nitrobenzene	7.34	77	61783	2.79	ng	100
25) Isophorone	7.58	82	104192	2.71	ng	# 92
26) 2-Nitrophenol	7.66	139	25610	2.55	ng	# 86
27) 2,4-Dimethylphenol	7.71	122	45813	2.59	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	61737	2.79	ng	98
29) 2,4-Dichlorophenol	7.92	162	45684	2.99	ng	93
30) 1,2,4-Trichlorobenzene	8.00	180	52179	2.99	ng	96
31) Naphthalene	8.08	128	179398	3.21	ng	97
32) Benzoic acid	7.77	122	18964	1.57	ng	97
33) 4-Chloroaniline	8.13	127	65030	2.69	ng	# 90
34) Hexachlorobutadiene	8.20	225	30317	3.07	ng	97
35) Caprolactam	8.45	113	13177	2.83	ng	# 71
36) 4-Chloro-3-methylphenol	8.61	107	50602	2.95	ng	94
37) 2-Methylnaphthalene	8.76	142	106293	2.93	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	50883	2.91	ng	98
40) Hexachlorocyclopentadiene	8.92	237	12032	1.56	ng	97

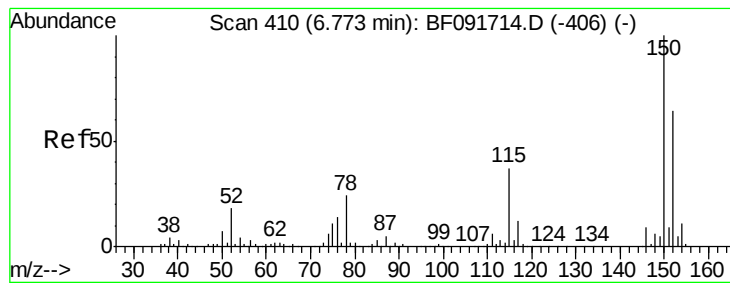
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	33073	2.96	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	30884	2.66	ng	92
45) 1,1'-Biphenyl	9.23	154	149496	3.19	ng	96
46) 2-Chloronaphthalene	9.25	162	109883	3.05	ng	98
47) 2-Nitroaniline	9.34	65	30460	2.58	ng	89
48) Acenaphthylene	9.66	152	171872	3.15	ng	96
49) Dimethylphthalate	9.53	163	133838	3.29	ng	99
50) 2,6-Dinitrotoluene	9.58	165	23915	2.67	ng	# 46
51) Acenaphthene	9.84	154	112305	2.97	ng	97
52) 3-Nitroaniline	9.76	138	32000	3.07	ng	94
53) 2,4-Dinitrophenol	9.87	184	3596	1.02	ng	# 79
54) Dibenzofuran	10.01	168	153070	3.26	ng	96
55) 4-Nitrophenol	9.93	139	18564	2.45	ng	89
56) 2,4-Dinitrotoluene	10.00	165	32319	2.91	ng	# 75
57) Fluorene	10.35	166	123430	3.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	25111	2.80	ng	92
59) Diethylphthalate	10.22	149	122988	3.17	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	57603	3.48	ng	# 84
61) 4-Nitroaniline	10.36	138	32632	3.12	ng	91
62) Azobenzene	10.50	77	124841	2.87	ng	96
64) 4,6-Dinitro-2-methylphenol	10.40	198	10734	1.85	ng	# 51
65) n-Nitrosodiphenylamine	10.46	169	104496	3.15	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	32881	2.94	ng	# 78
67) Hexachlorobenzene	10.90	284	35808	3.01	ng	# 91
68) Atrazine	10.99	200	34683	3.32	ng	97
69) Pentachlorophenol	11.09	266	11089	1.65	ng	97
70) Phenanthrene	11.31	178	198405	3.58	ng	96
71) Anthracene	11.36	178	180728	3.15	ng	96
72) Carbazole	11.52	167	180391	3.47	ng	98
73) Di-n-butylphthalate	11.86	149	237240	3.98	ng	# 97
74) Fluoranthene	12.50	202	203751	3.63	ng	91
76) Benzidine	12.63	184	84390	2.60	ng	96
77) Pyrene	12.73	202	209313	2.55	ng	97
79) Butylbenzylphthalate	13.36	149	98149	2.96	ng	# 75
80) Benzo(a)anthracene	13.92	228	188968	3.07	ng	96
81) 3,3'-Dichlorobenzidine	13.88	252	62737	2.78	ng	# 94
82) Chrysene	13.95	228	189924	2.95	ng	95
83) Bis(2-ethylhexyl)phthalate	13.92	149	144654	3.44	ng	98
84) Di-n-octyl phthalate	14.52	149	229132	3.14	ng	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	156505	2.66	ng	99
87) Benzo(b)fluoranthene	14.92	252	339529	5.75	ng	98
88) Benzo(k)fluoranthene	14.92	252	339529	6.84	ng	97
89) Benzo(a)pyrene	15.27	252	157235	3.02	ng	96
90) Dibenzo(a,h)anthracene	16.68	278	135791	2.91	ng	96
91) Benzo(g,h,i)perylene	17.07	276	134005	2.80	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

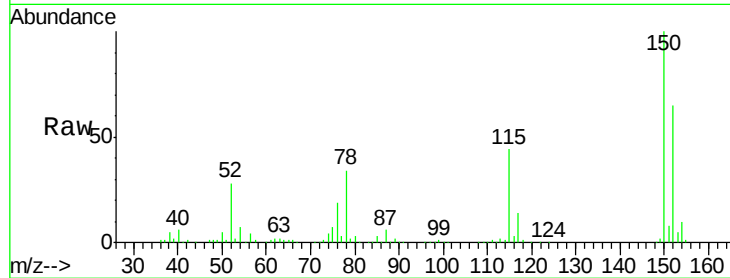
Tgt Ion:152 Resp: 294709

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

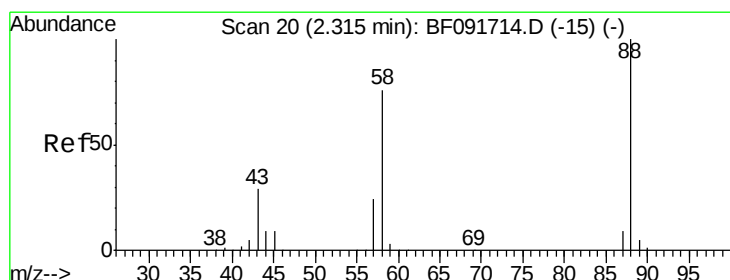
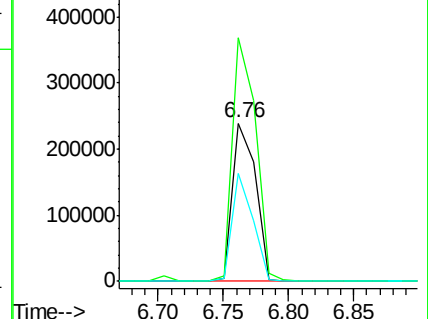
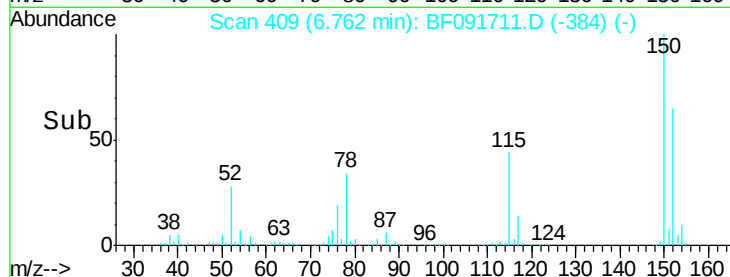
115 68.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.49 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

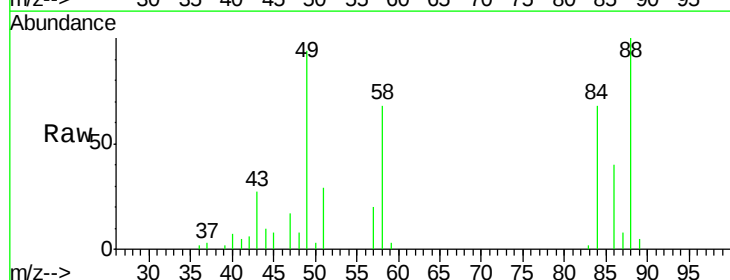
Tgt Ion: 88 Resp: 23082

Ion Ratio Lower Upper

88 100

58 69.2 57.8 86.8

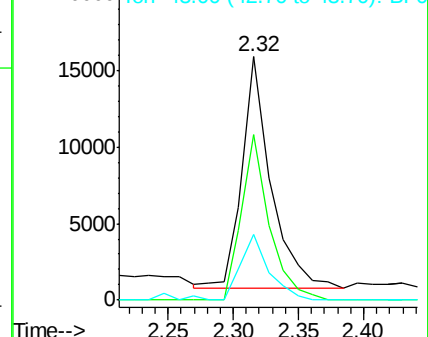
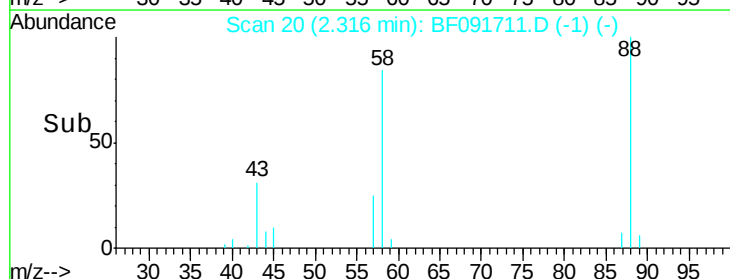
43 27.9 22.3 33.5

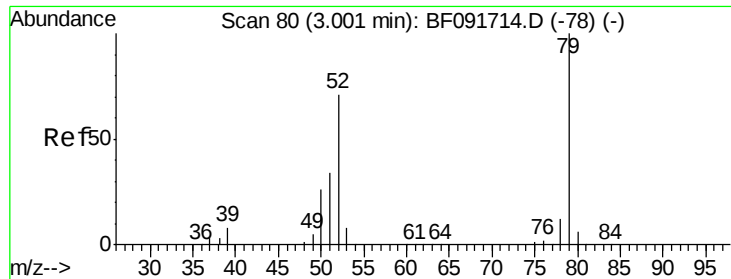


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

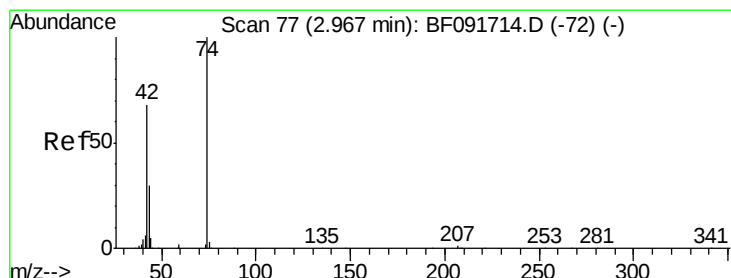
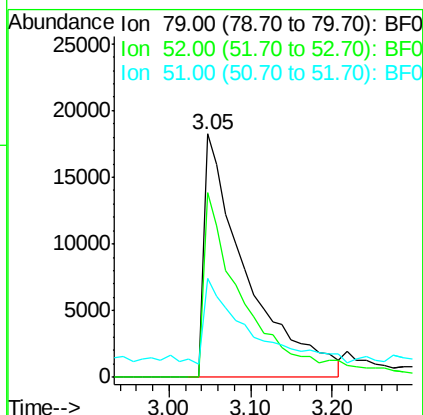
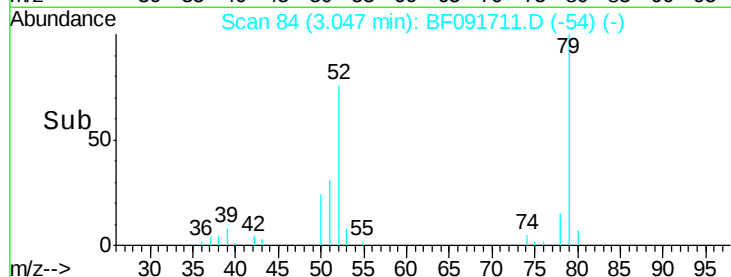
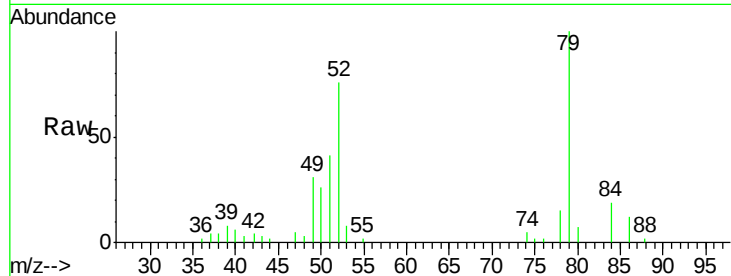




#3
 Pyridine
 Concen: 2.61 ng
 RT: 3.05 min Scan# 84
 Delta R.T. 0.05 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

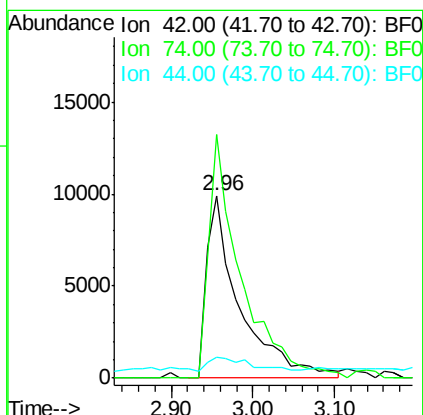
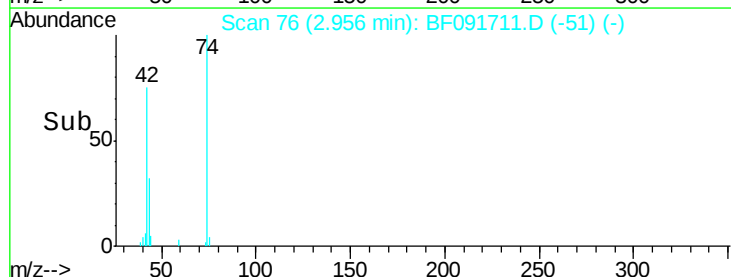
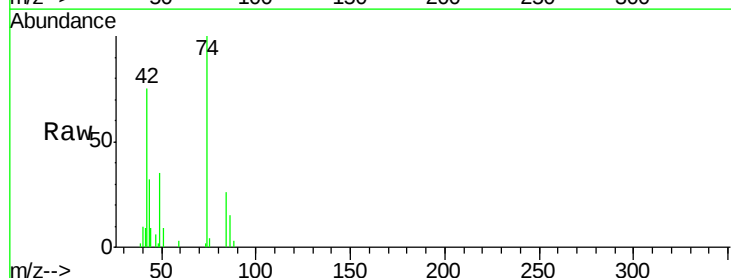
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

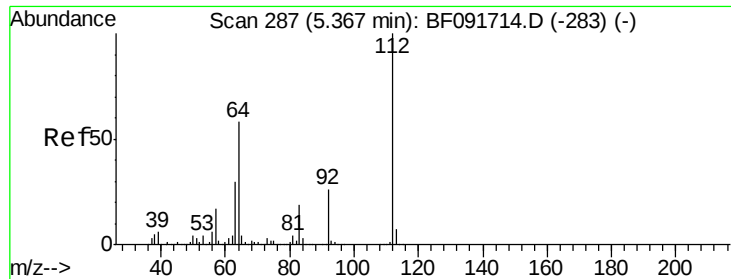
Tgt Ion: 79 Resp: 66228
 Ion Ratio Lower Upper
 79 100
 52 75.8 57.1 85.7
 51 40.6 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 2.64 ng
 RT: 2.96 min Scan# 76
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion: 42 Resp: 28282
 Ion Ratio Lower Upper
 42 100
 74 133.6 117.0 175.4
 44 11.5 5.5 8.3#





#5

2-Fluorophenol

Concen: 5.85 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

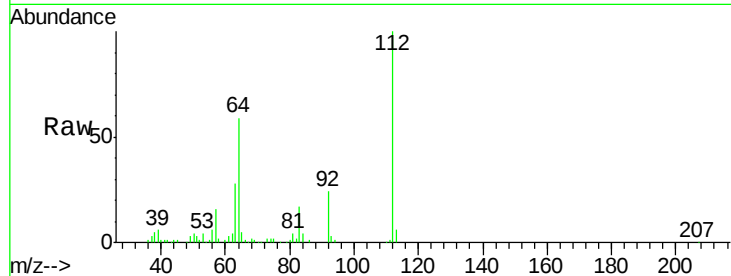
Tgt Ion: 112 Resp: 103097

Ion Ratio Lower Upper

112 100

64 59.3 46.1 69.1

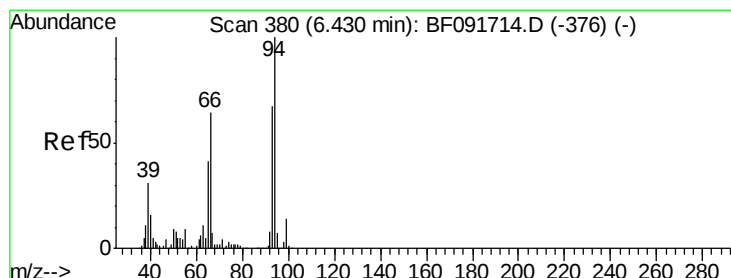
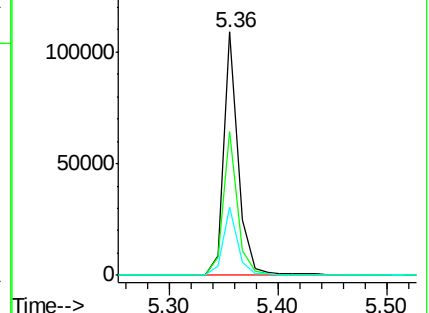
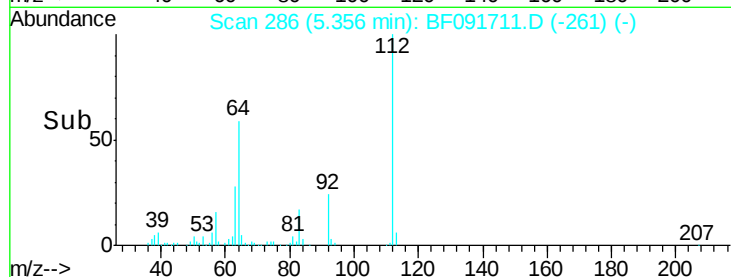
63 28.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.74 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

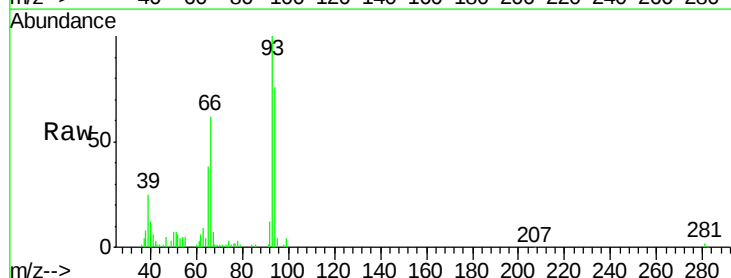
Tgt Ion: 93 Resp: 78929

Ion Ratio Lower Upper

93 100

66 61.8 76.2 114.2#

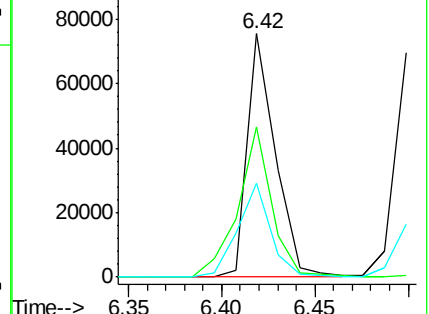
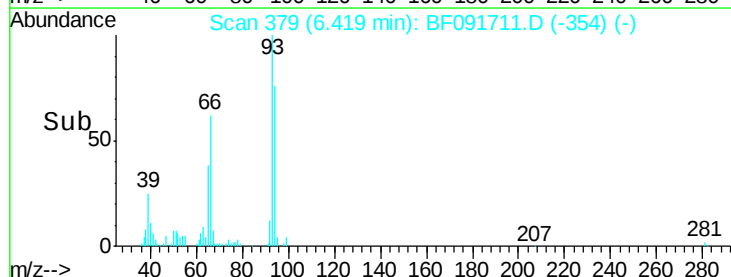
65 38.4 49.3 73.9#

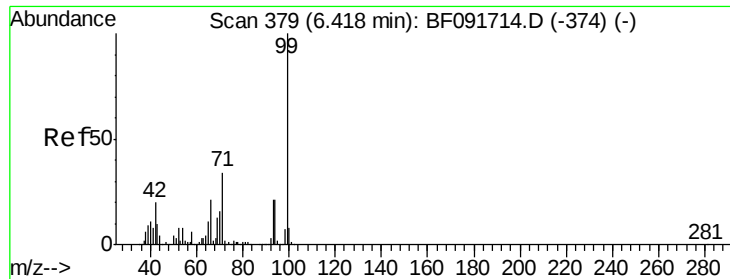


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.67 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

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ClientSampleId :

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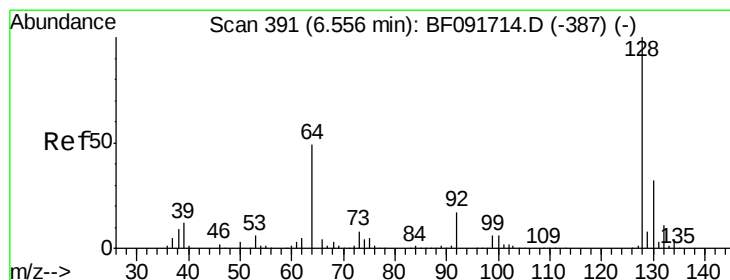
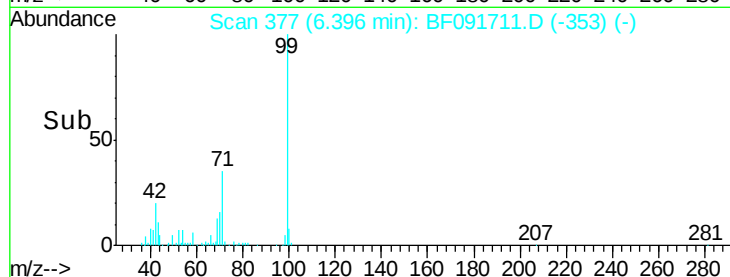
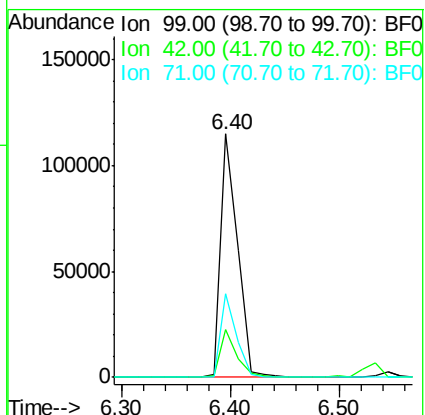
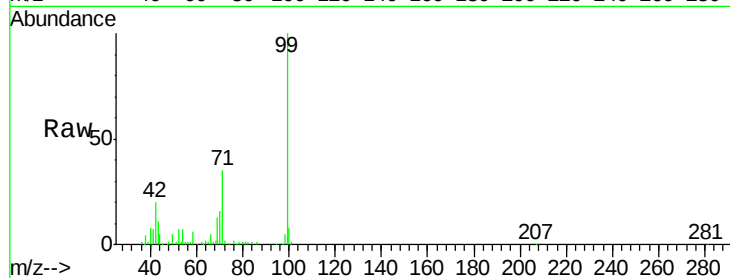
Tgt Ion: 99 Resp: 124889

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 34.6 27.5 41.3



#8

2-Chlorophenol

Concen: 2.83 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

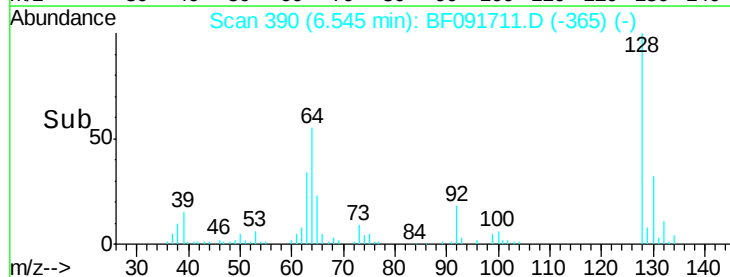
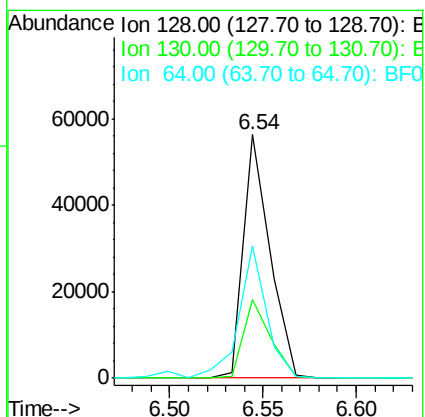
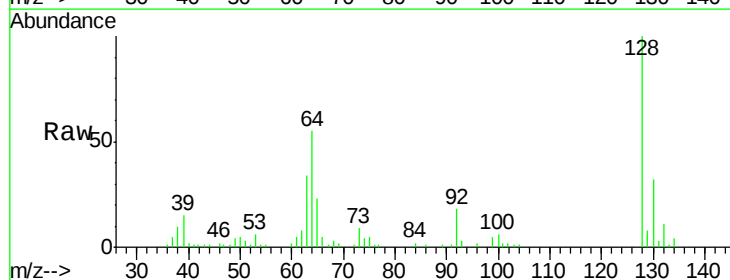
Tgt Ion: 128 Resp: 55917

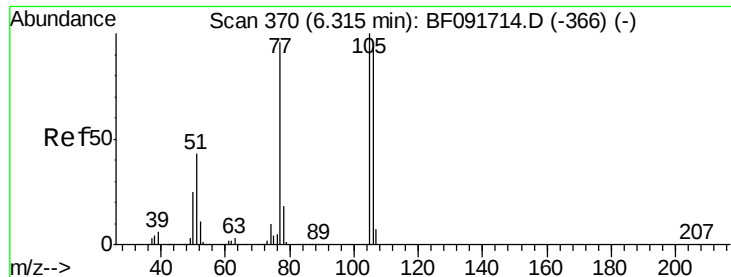
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 54.5 32.2 72.2





#9

Benzaldehyde

Concen: 2.98 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

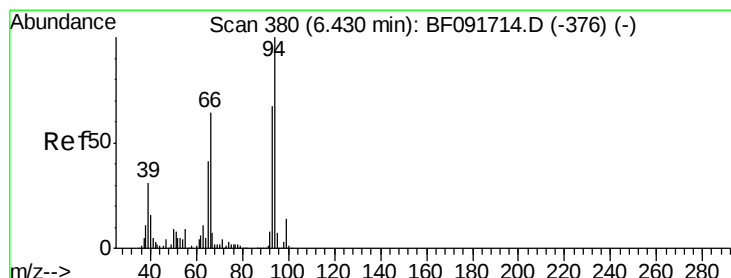
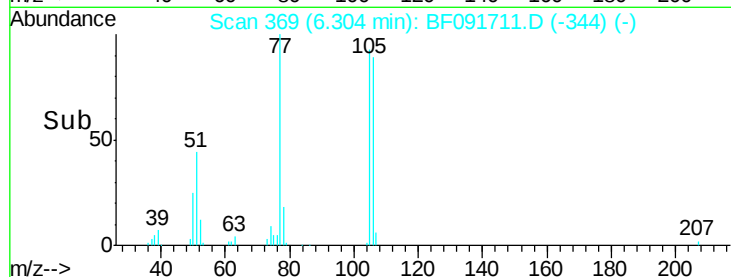
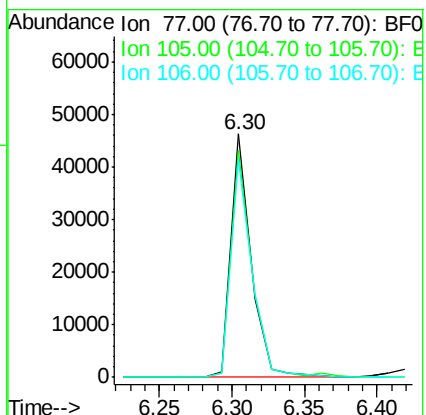
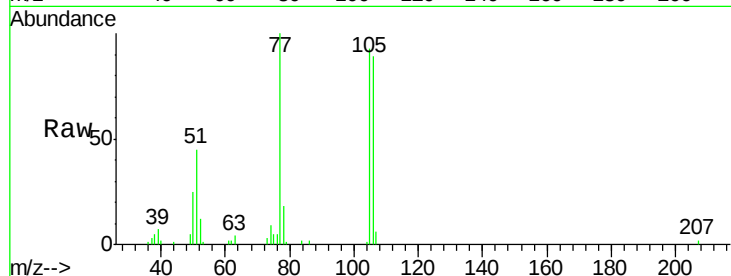
Tgt Ion: 77 Resp: 44886

Ion Ratio Lower Upper

77 100

105 93.4 83.9 123.9

106 89.4 77.6 117.6



#10

Phenol

Concen: 2.71 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

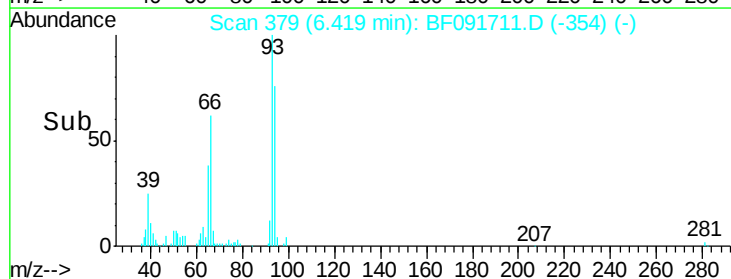
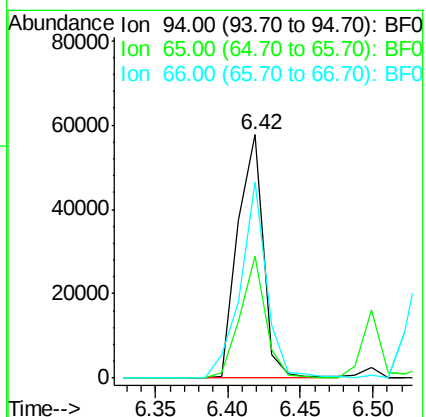
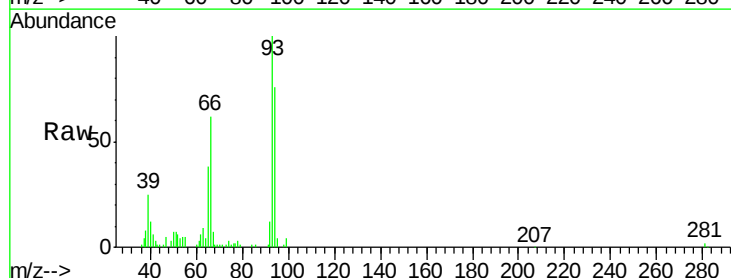
Tgt Ion: 94 Resp: 71071

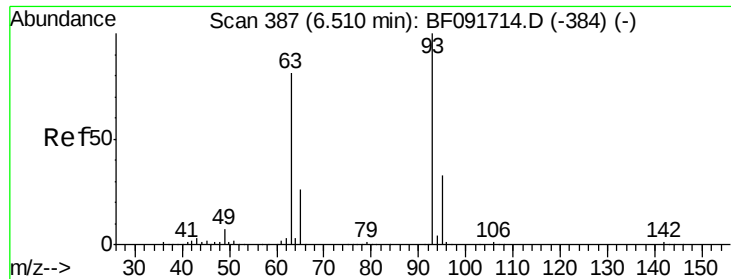
Ion Ratio Lower Upper

94 100

65 50.2 21.4 61.4

66 80.8 44.0 84.0

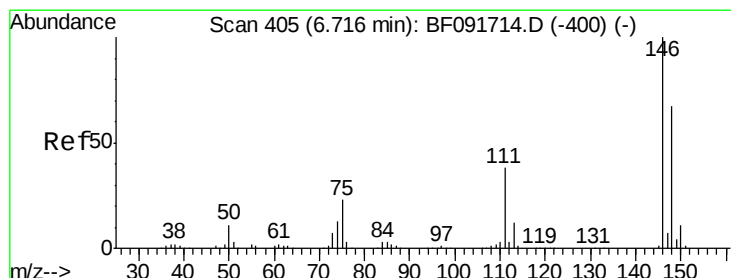
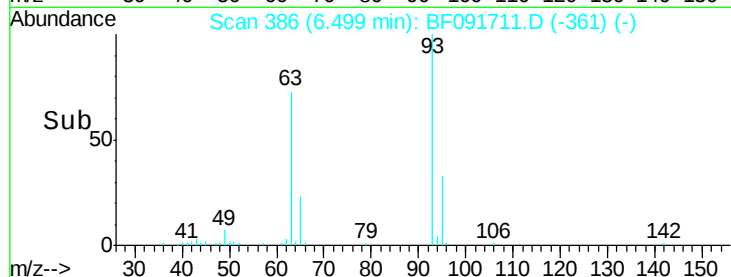
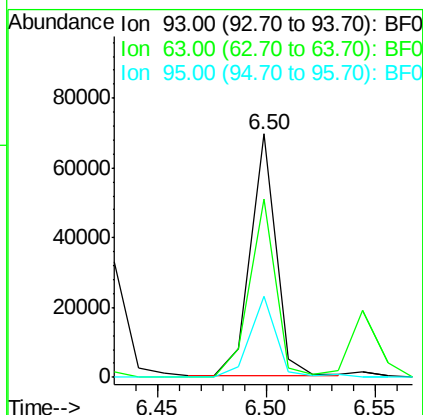
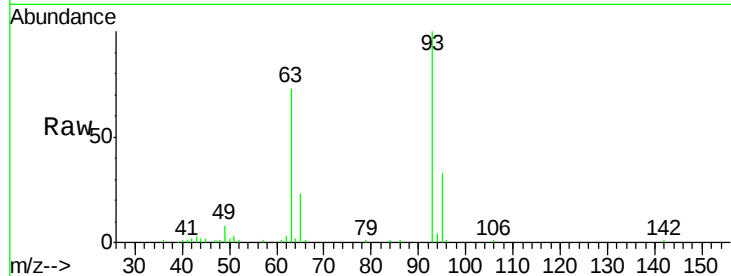




#11
bis(2-Chloroethyl)ether
Concen: 2.94 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

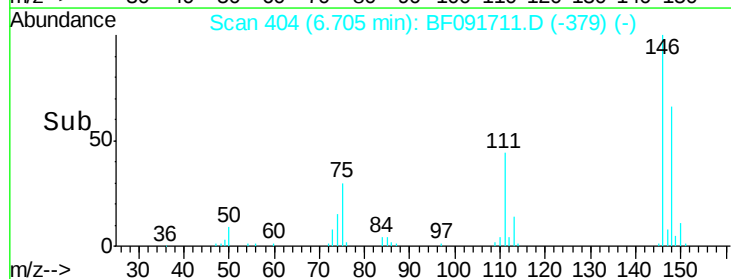
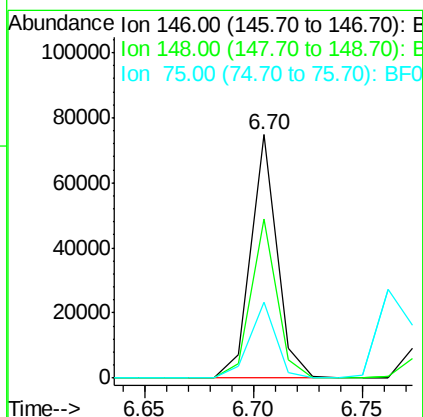
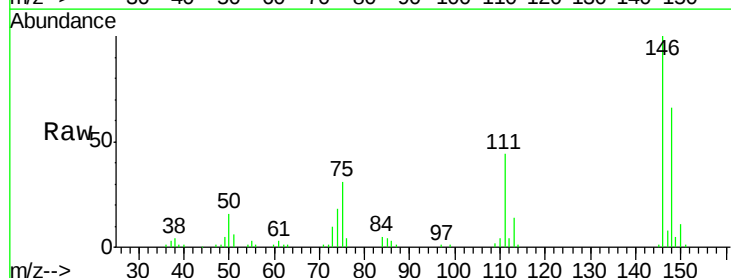
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

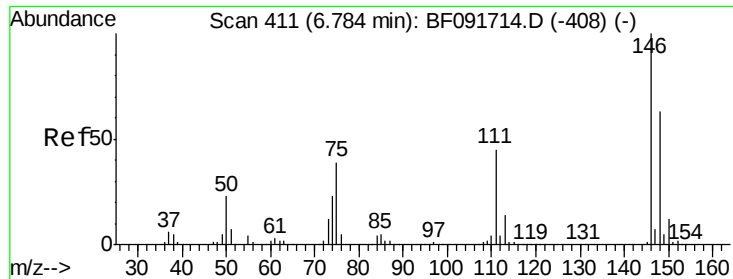
Tgt Ion: 93 Resp: 56199
Ion Ratio Lower Upper
93 100
63 73.5 60.4 100.4
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 2.88 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion: 146 Resp: 62618
Ion Ratio Lower Upper
146 100
148 65.6 53.4 80.0
75 31.4 18.5 27.7#

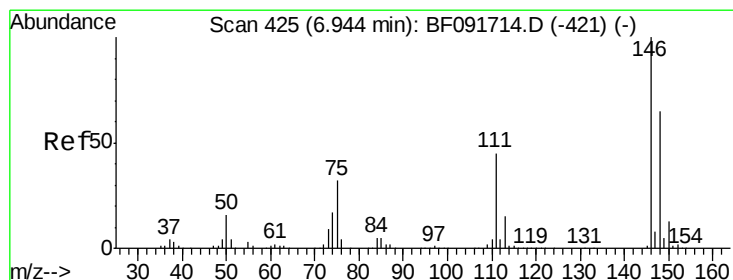
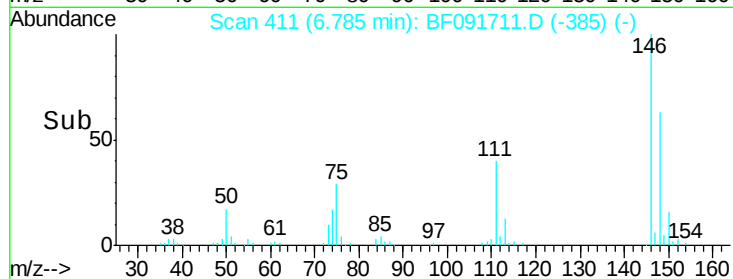
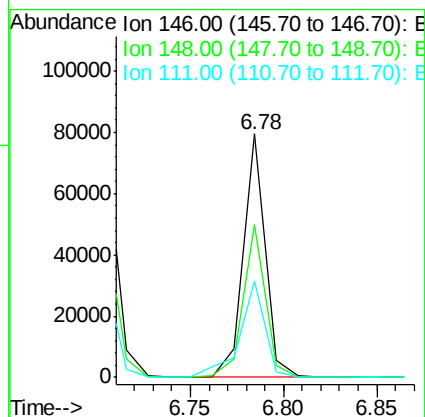
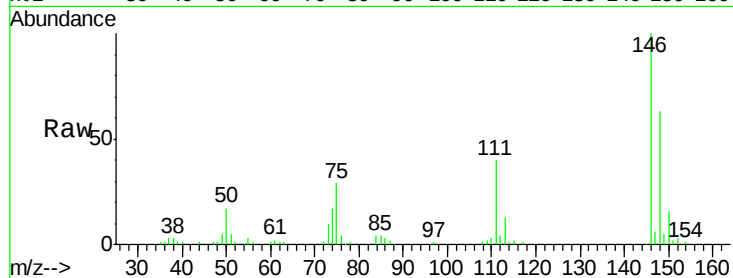




#13
 1,4-Dichlorobenzene
 Concen: 3.04 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

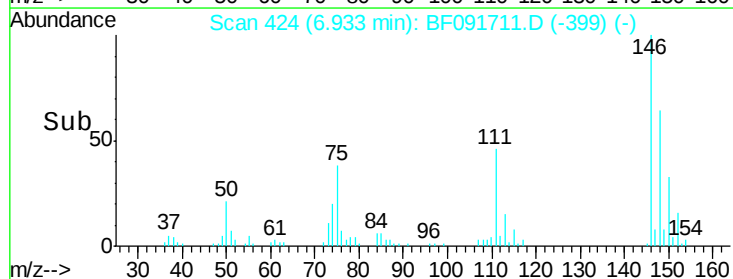
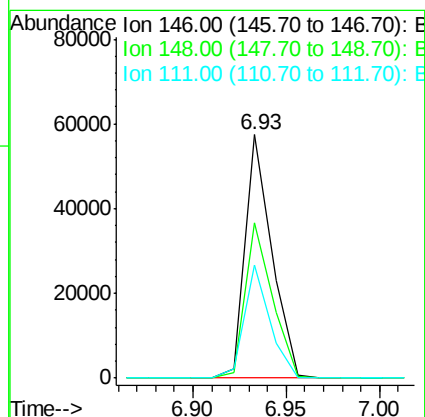
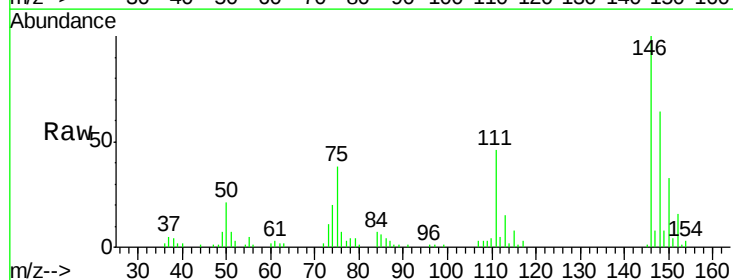
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

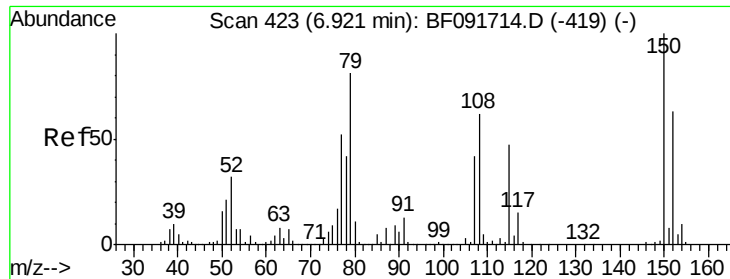
Tgt Ion:146 Resp: 65043
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 39.6 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 2.97 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:146 Resp: 57139
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 46.3 36.2 54.2

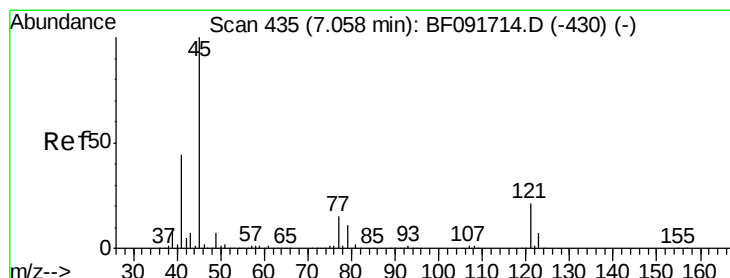
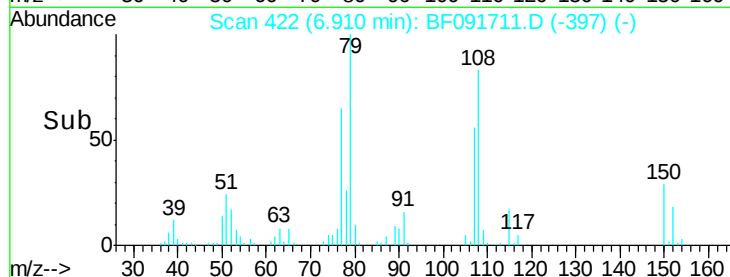
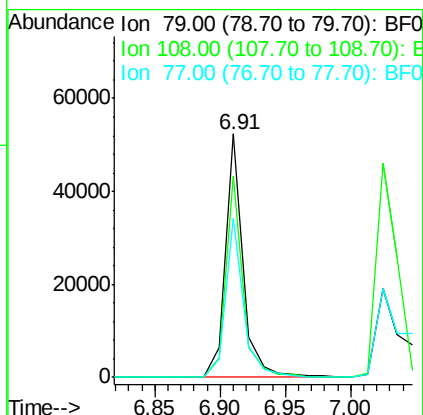
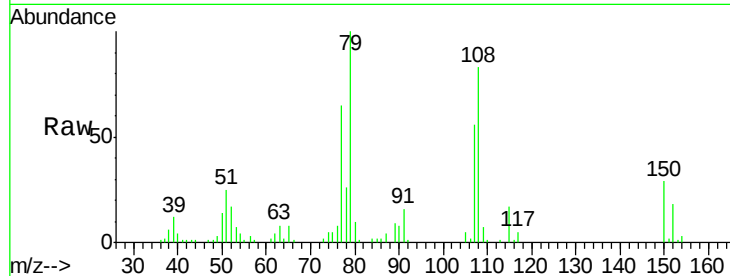




#15
Benzyl Alcohol
Concen: 2.85 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

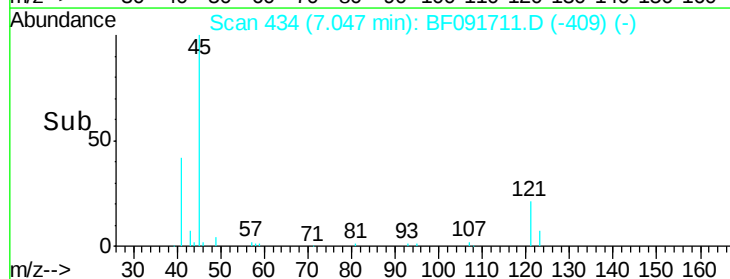
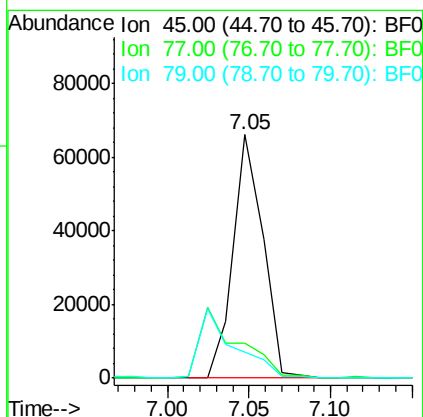
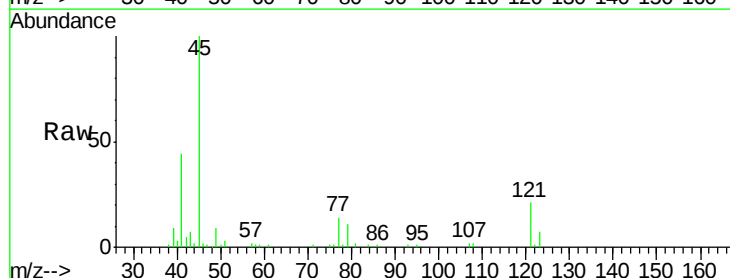
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

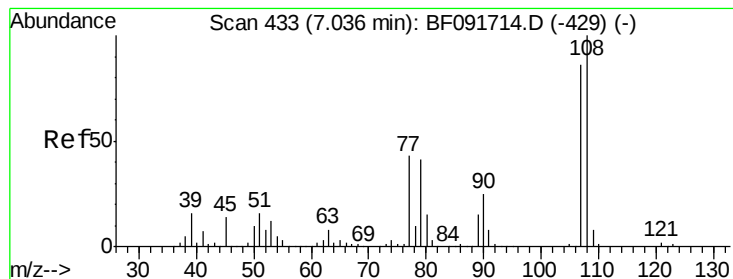
Tgt Ion: 79 Resp: 49505
Ion Ratio Lower Upper
79 100
108 82.8 61.4 92.0
77 65.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.80 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion: 45 Resp: 83293
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.6
79 10.5 0.0 31.2





#17

2-Methylphenol

Concen: 2.77 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

Tgt Ion:107 Resp: 45432

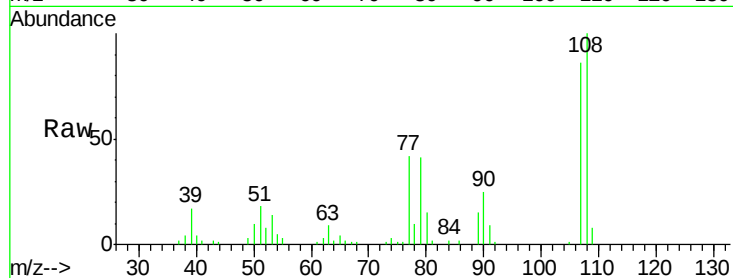
Ion Ratio Lower Upper

107 100

108 116.1 93.0 139.6

77 48.3 39.8 59.8

79 47.8 38.0 57.0

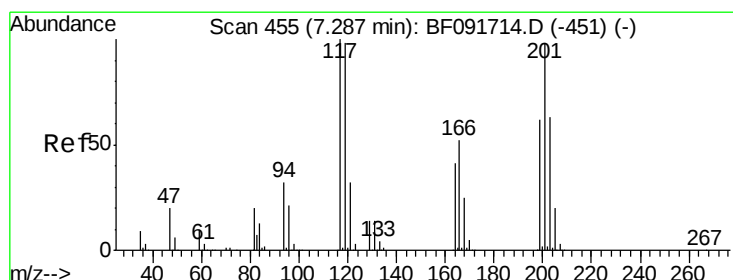
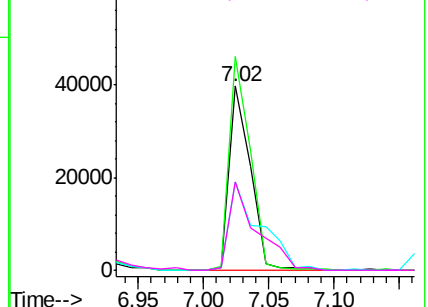
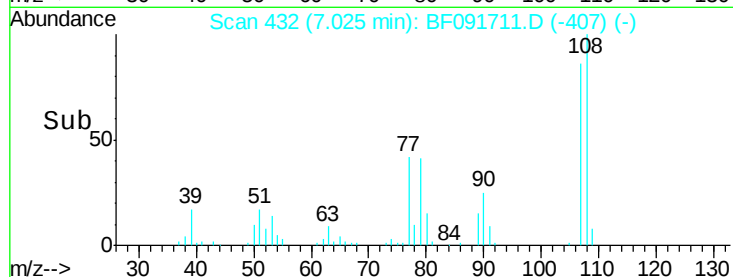


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 2.56 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

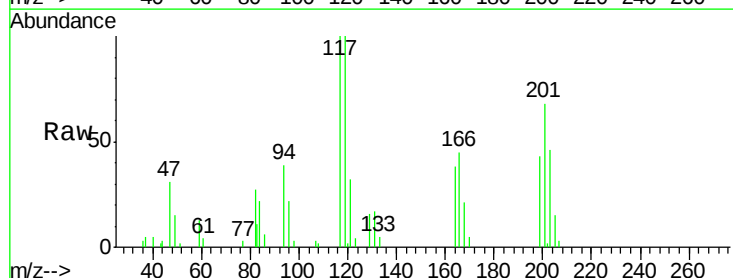
Tgt Ion:117 Resp: 21327

Ion Ratio Lower Upper

117 100

119 100.2 78.1 117.1

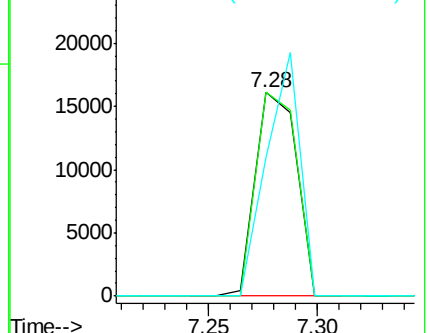
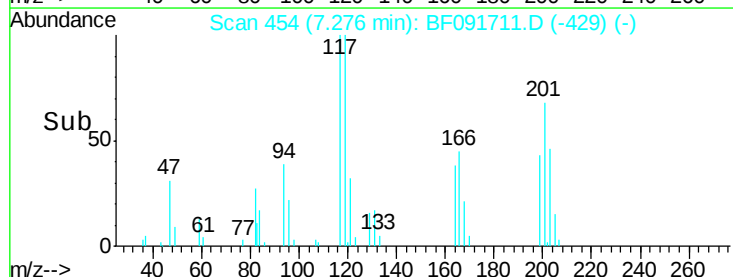
201 68.3 78.6 117.8#

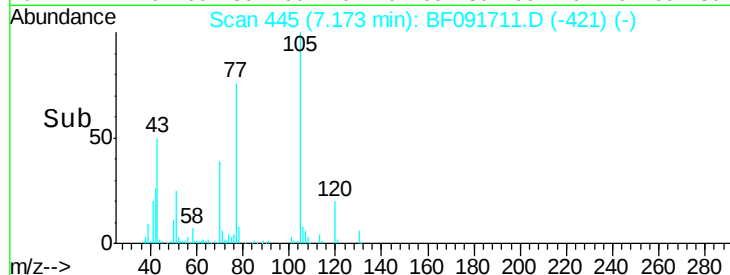
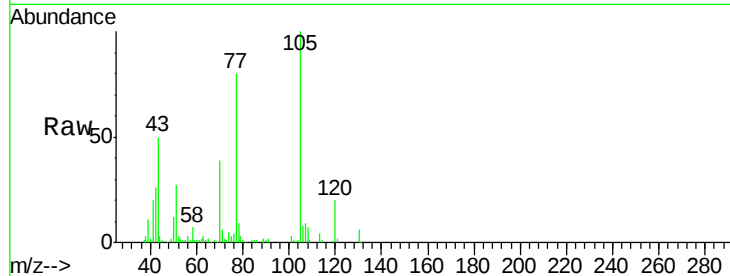
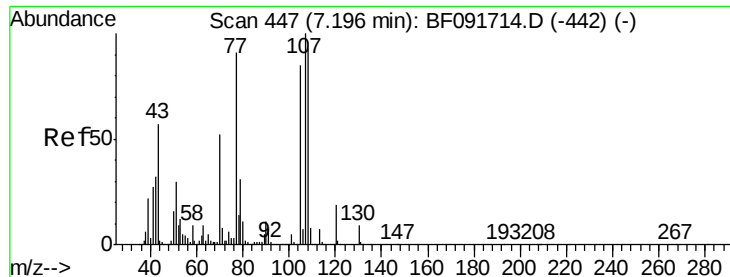


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

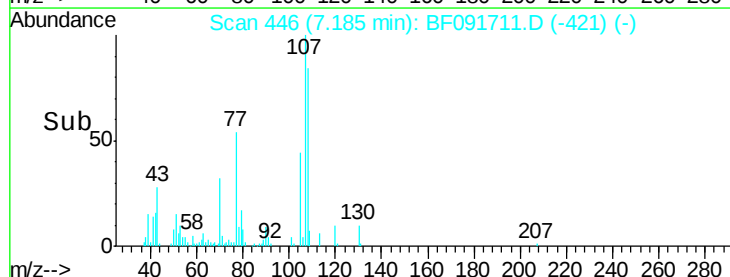
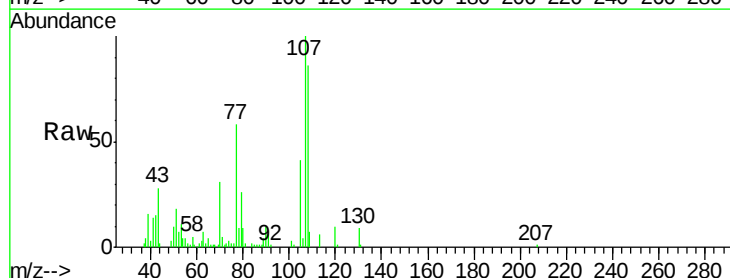
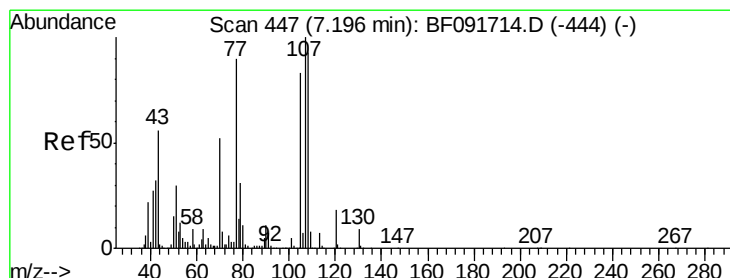
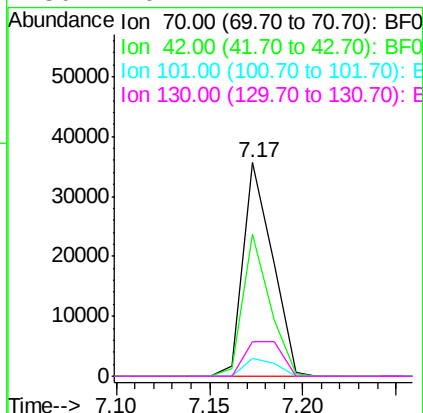




#19
n-Nitroso-di-n-propylamine
Concen: 2.85 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

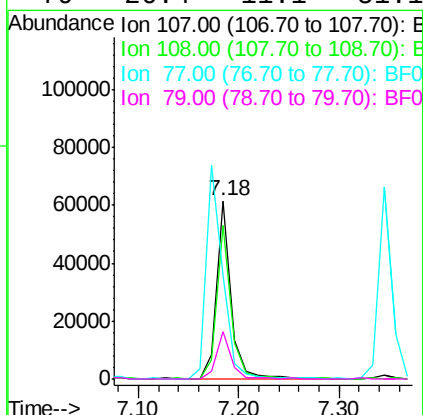
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

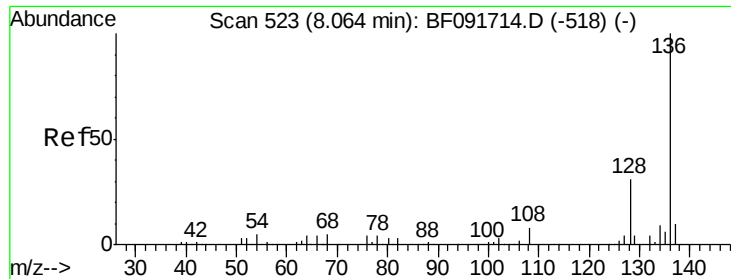
Tgt Ion:	70	Resp:	39038
Ion	Ratio	Lower	Upper
70	100		
42	66.2	49.4	74.0
101	8.7	7.4	11.2
130	16.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 3.03 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion:	107	Resp:	61682
Ion	Ratio	Lower	Upper
107	100		
108	86.4	73.0	113.0
77	57.9	71.3	111.3
79	26.4	11.1	51.1

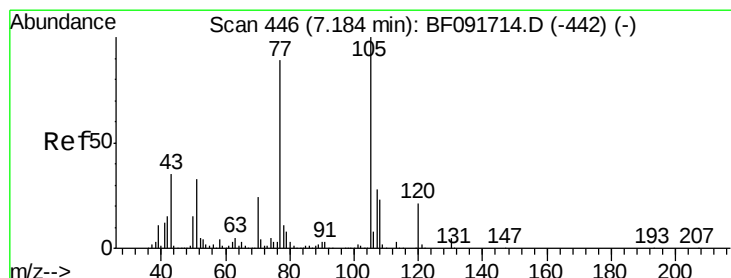
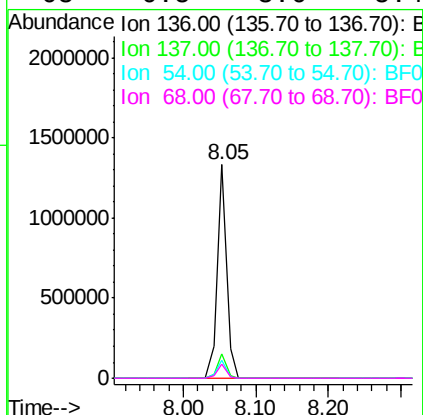
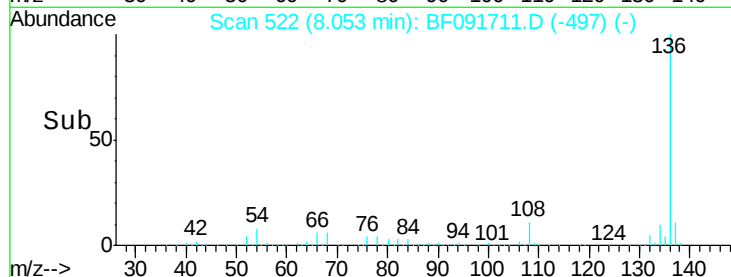
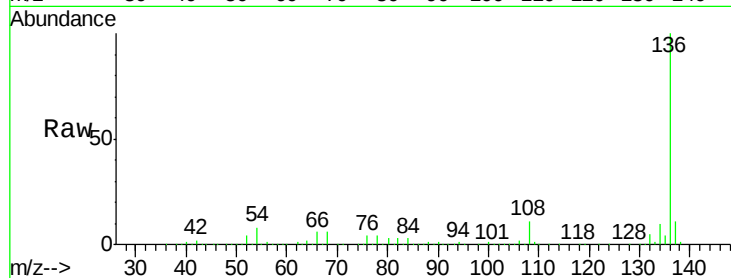




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

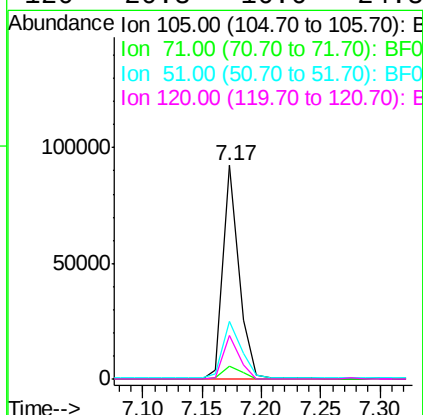
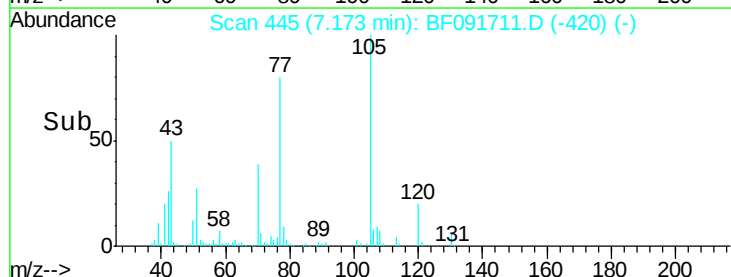
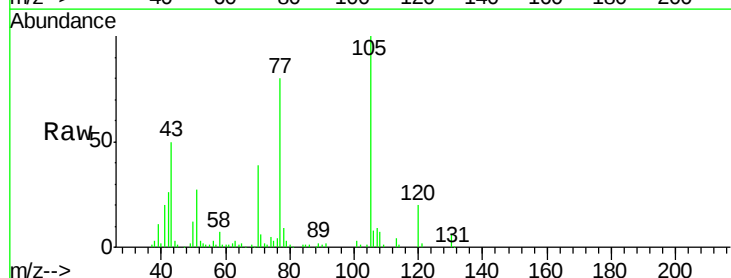
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

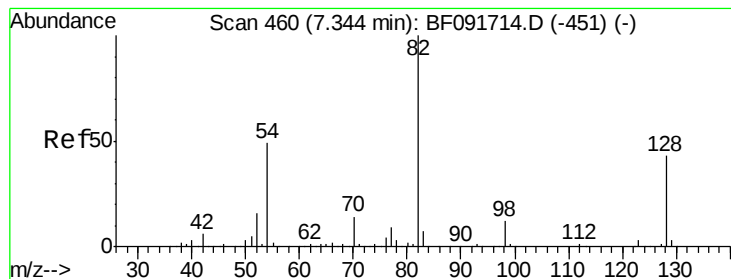
Tgt Ion:	136	Resp:	1188947
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.2	4.5	6.7#
68	6.5	3.6	5.4#



#22
Acetophenone
Concen: 2.99 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion:	105	Resp:	85815
Ion	Ratio	Lower	Upper
105	100		
71	6.1	3.2	4.8#
51	27.2	26.2	39.4
120	20.3	16.6	24.8





#23

Nitrobenzene-d5

Concen: 5.16 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

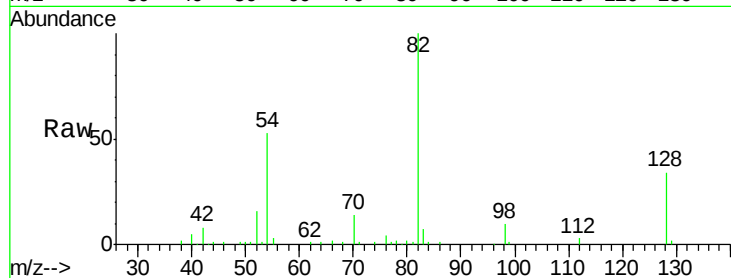
Tgt Ion: 82 Resp: 111266

Ion Ratio Lower Upper

82 100

128 33.7 34.6 52.0#

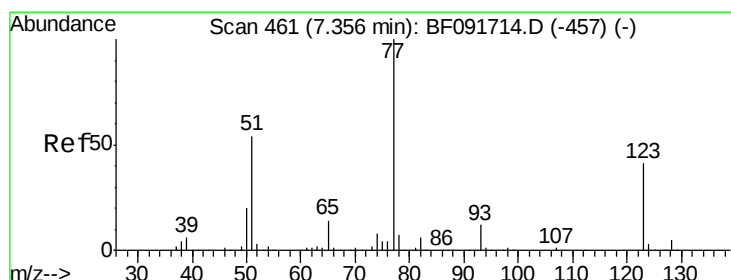
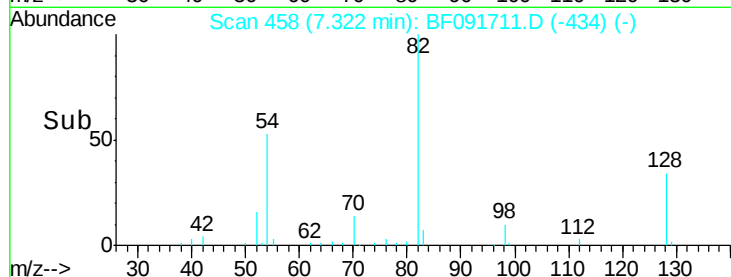
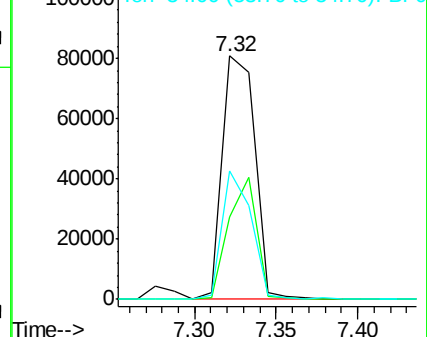
54 52.6 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 2.79 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

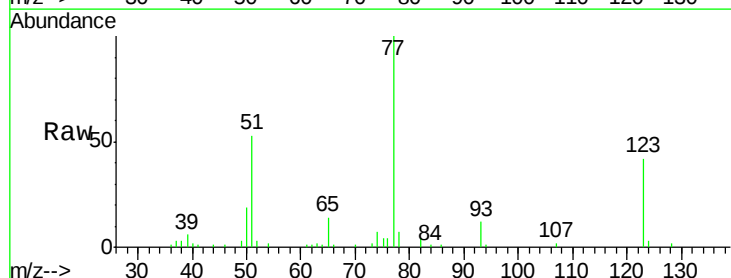
Tgt Ion: 77 Resp: 61783

Ion Ratio Lower Upper

77 100

123 41.6 33.0 49.4

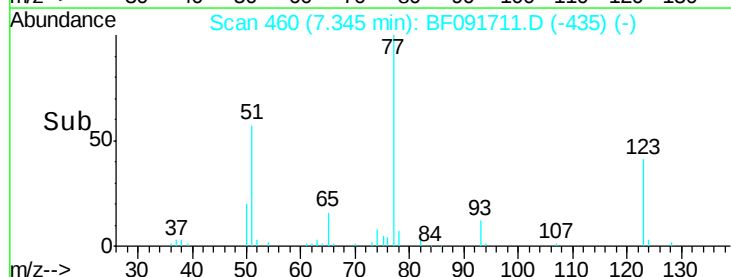
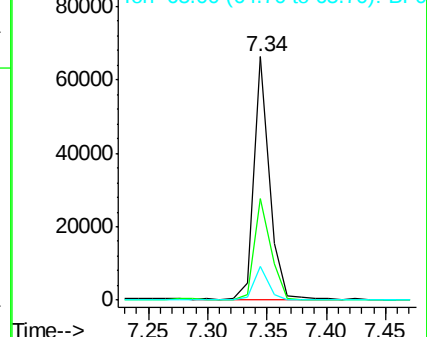
65 14.1 11.2 16.8

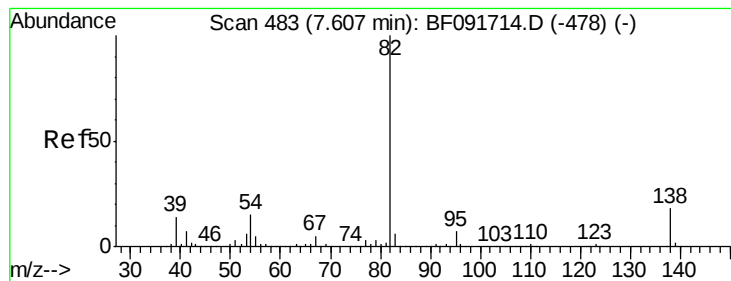


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 2.71 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

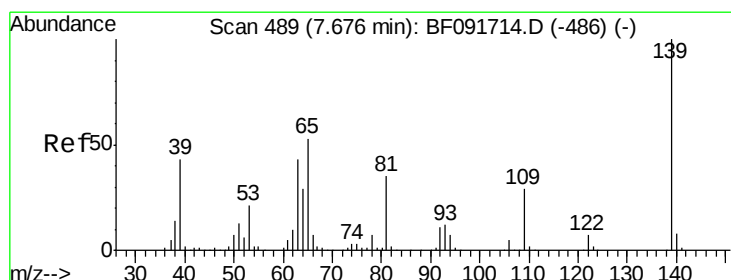
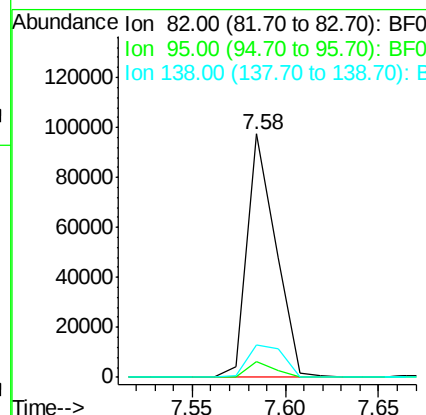
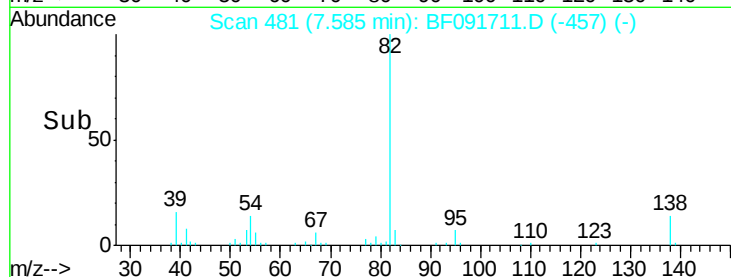
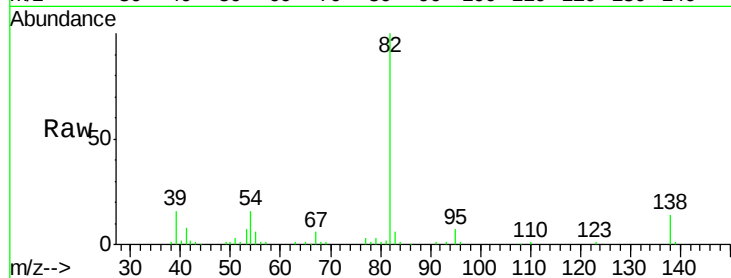
Tgt Ion: 82 Resp: 104192

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 13.5 14.6 22.0#



#26

2-Nitrophenol

Concen: 2.55 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

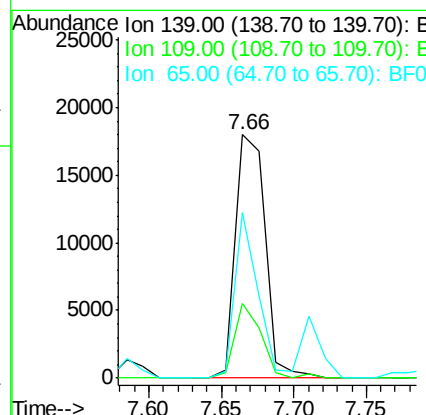
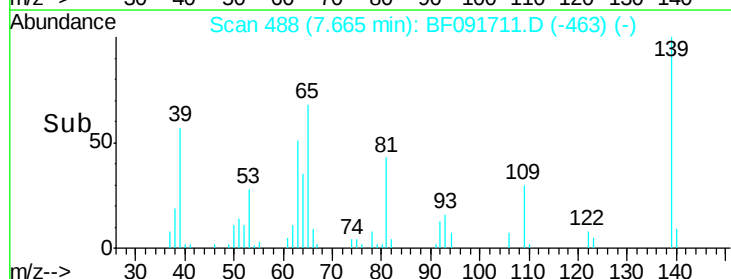
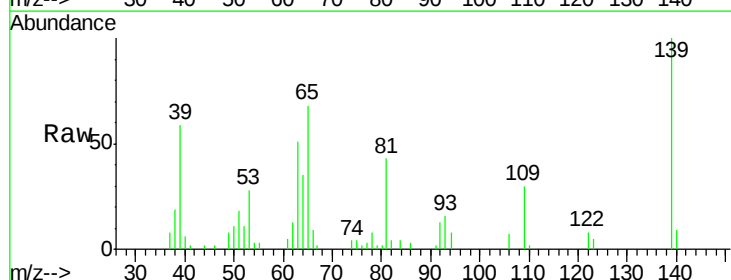
Tgt Ion: 139 Resp: 25610

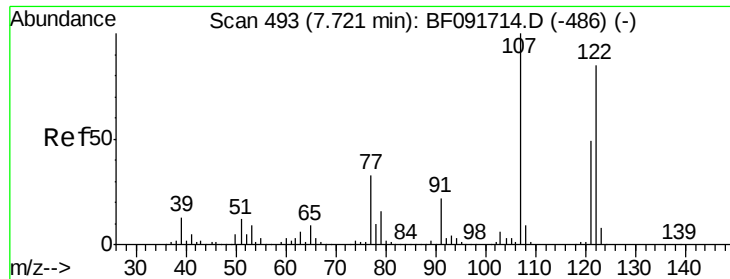
Ion Ratio Lower Upper

139 100

109 30.5 23.3 34.9

65 68.0 42.7 64.1#

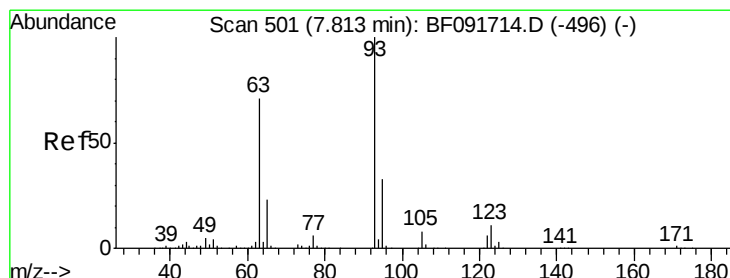
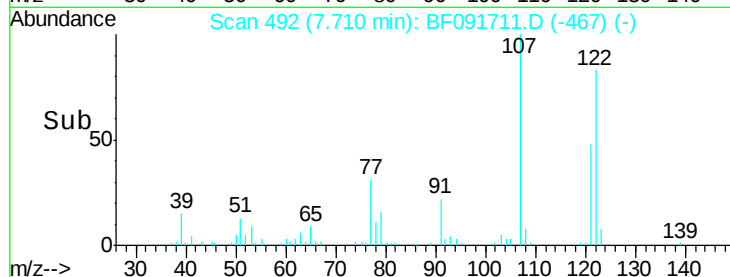
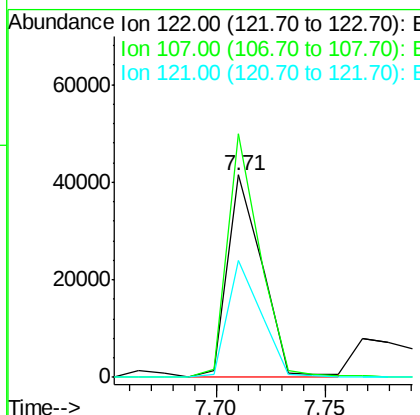
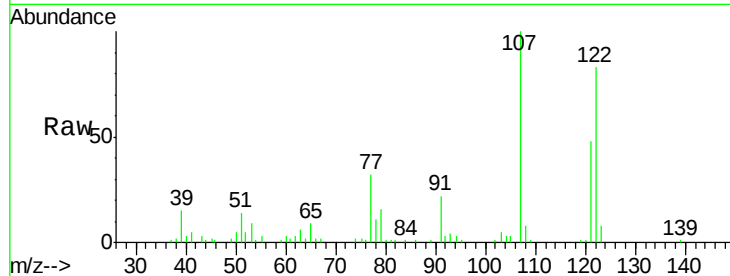




#27
2,4-Dimethylphenol
Concen: 2.59 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

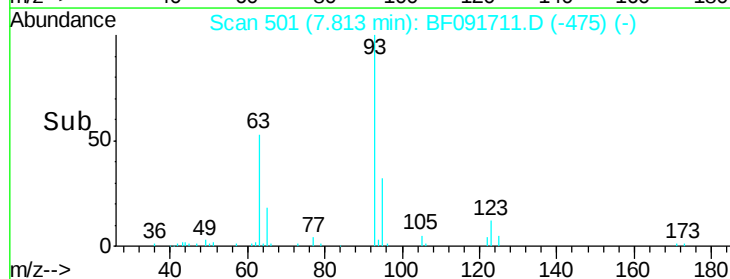
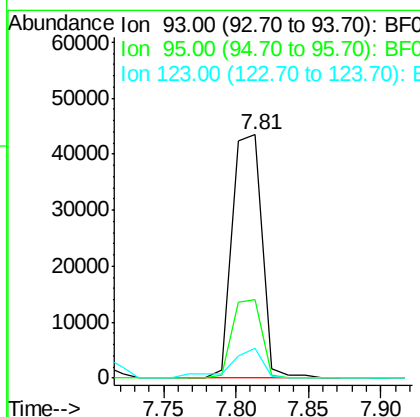
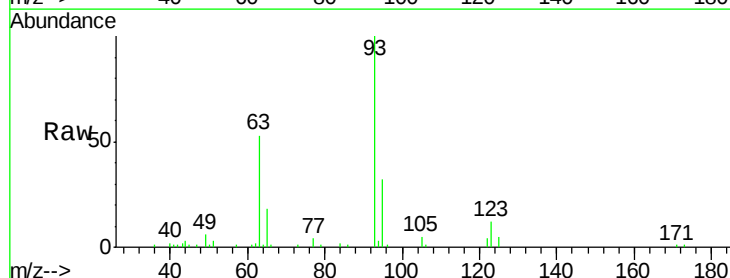
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

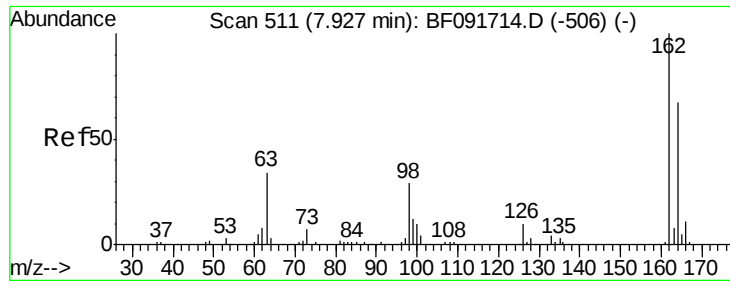
Tgt Ion:122 Resp: 45813
Ion Ratio Lower Upper
122 100
107 120.3 94.1 141.1
121 57.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 2.79 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion: 93 Resp: 61737
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 12.3 8.6 13.0

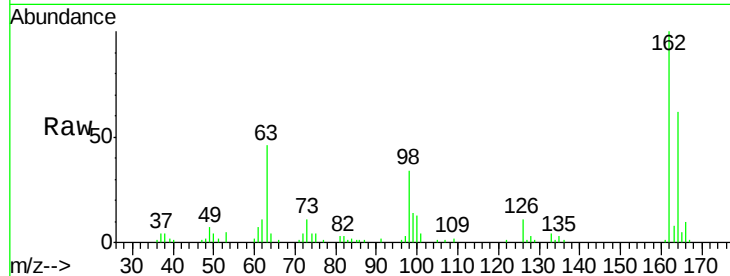




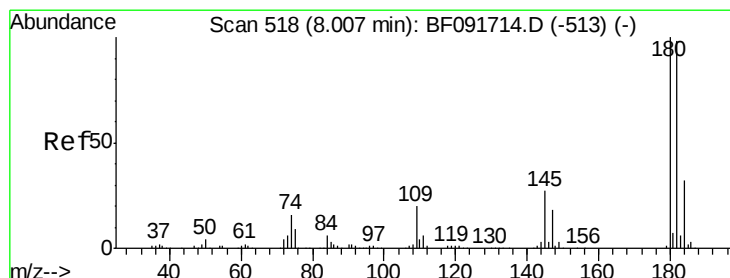
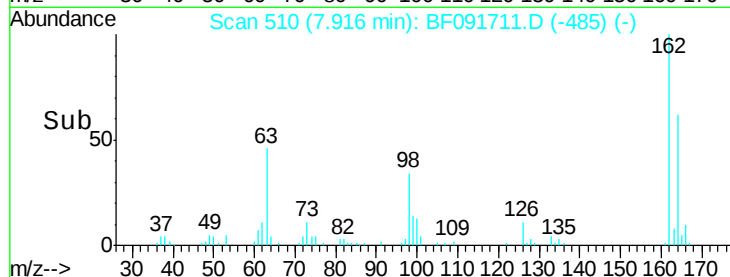
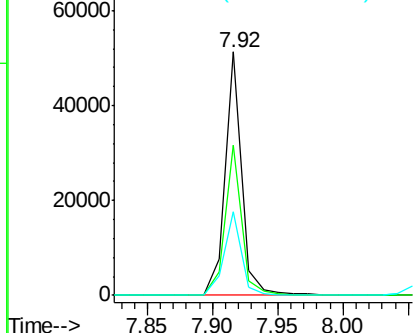
#29
 2,4-Dichlorophenol
 Concen: 2.99 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.8	46.8	86.8
98	34.2	9.1	49.1

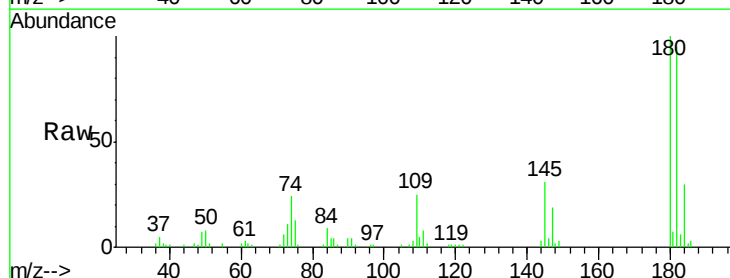


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

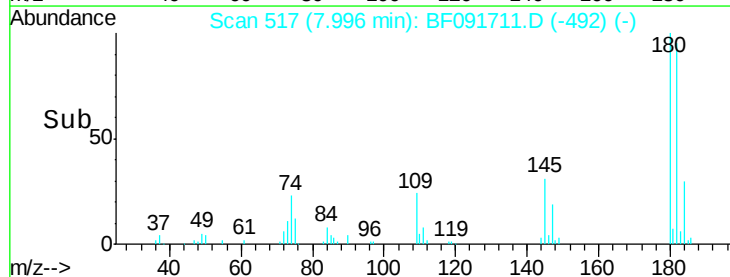
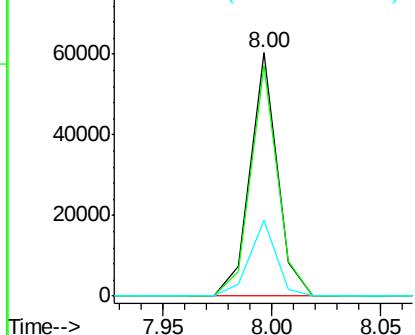


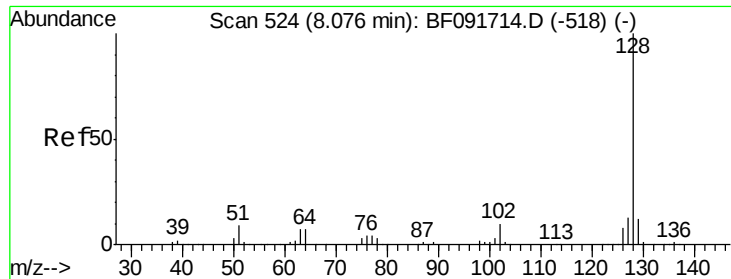
#30
 1,2,4-Trichlorobenzene
 Concen: 2.99 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.2	117.4
145	31.4	21.6	32.4



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

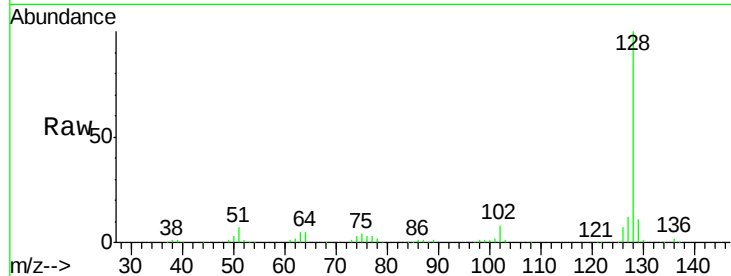




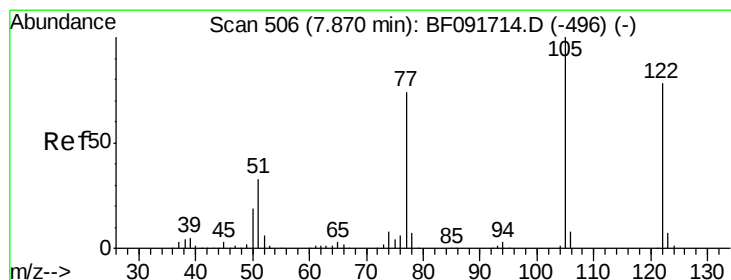
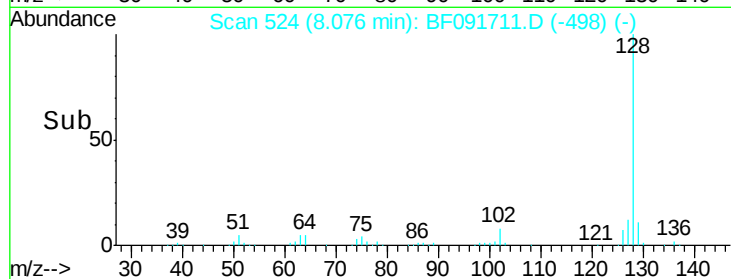
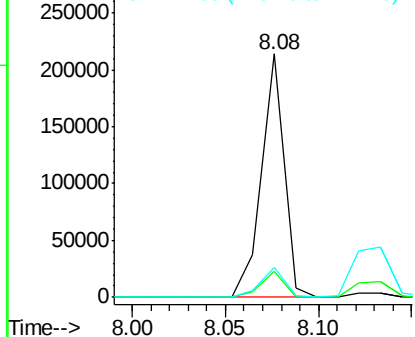
#31
Naphthalene
Concen: 3.21 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tgt Ion:128 Resp: 179398
Ion Ratio Lower Upper
128 100
129 10.5 9.5 14.3
127 12.3 10.8 16.2

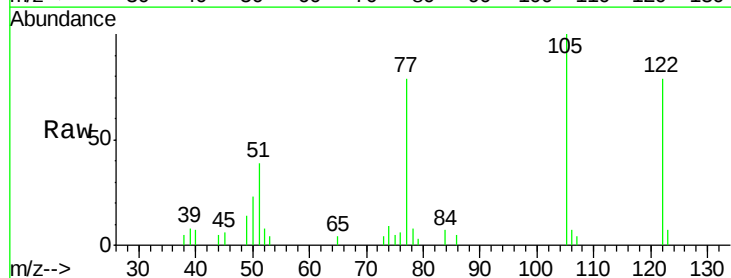


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

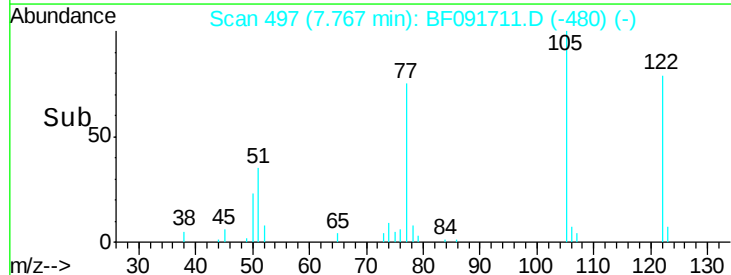
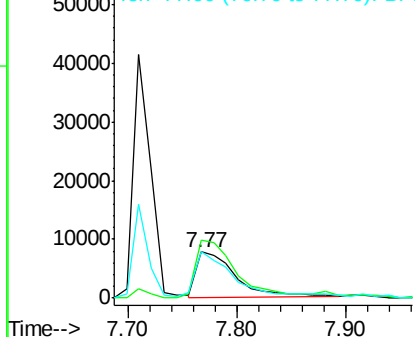


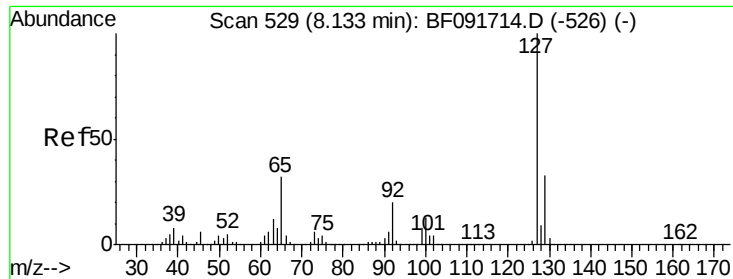
#32
Benzoic acid
Concen: 1.57 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.10 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion:122 Resp: 18964
Ion Ratio Lower Upper
122 100
105 126.8 107.2 147.2
77 99.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

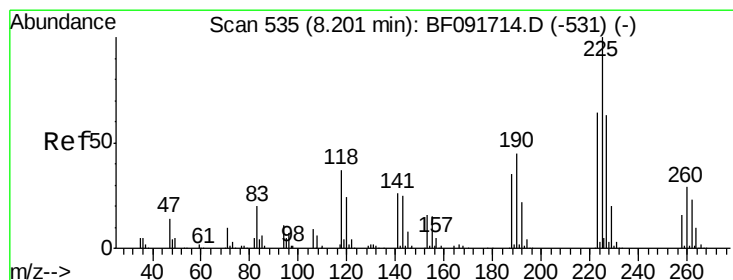
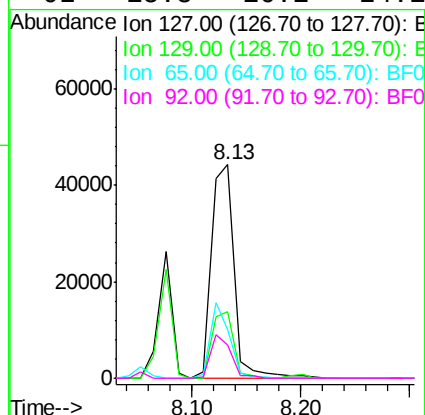
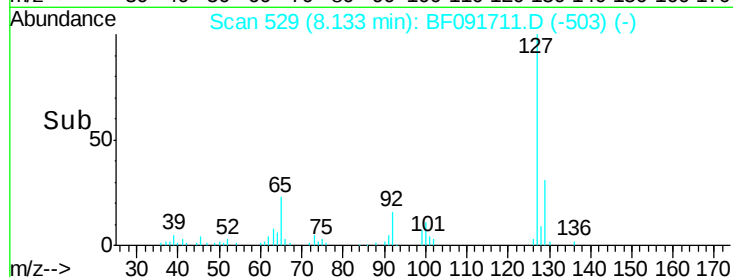
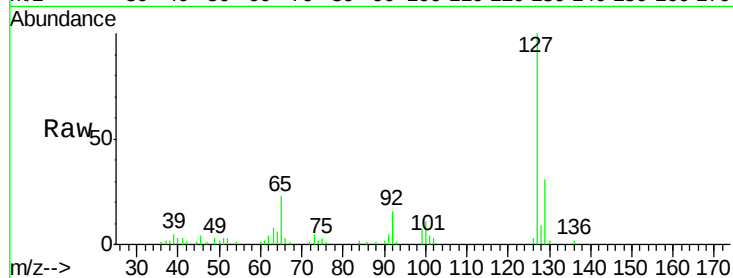




#33
4-Chloroaniline
Concen: 2.69 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

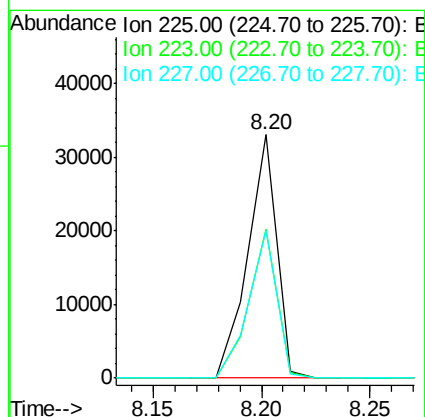
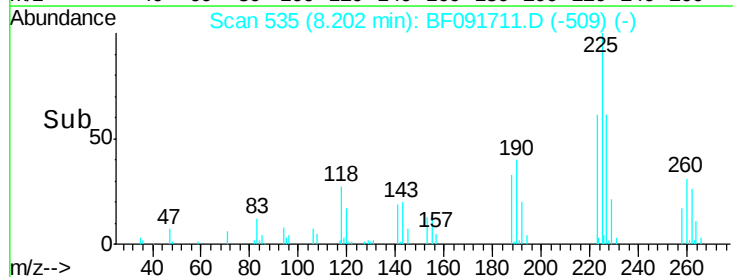
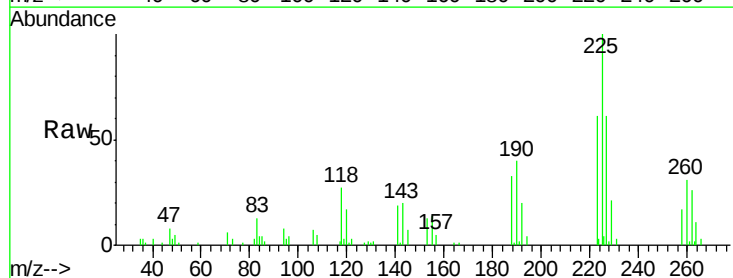
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

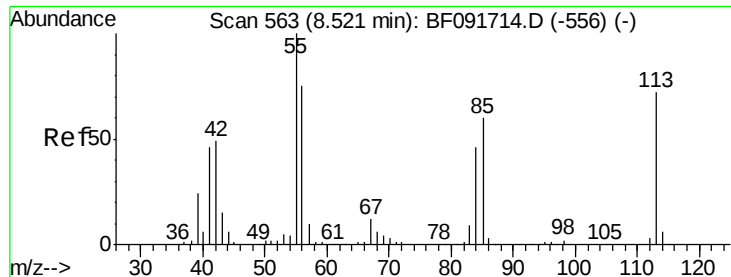
Tgt Ion:	127	Resp:	65030
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.3	39.5
65	22.6	25.8	38.8#
92	15.8	16.1	24.1#



#34
Hexachlorobutadiene
Concen: 3.07 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion:	225	Resp:	30317
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.0	76.6
227	60.5	50.6	76.0

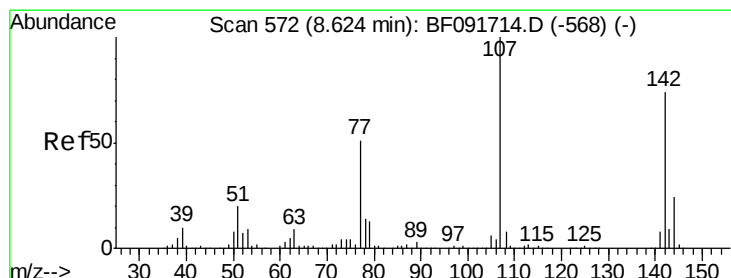
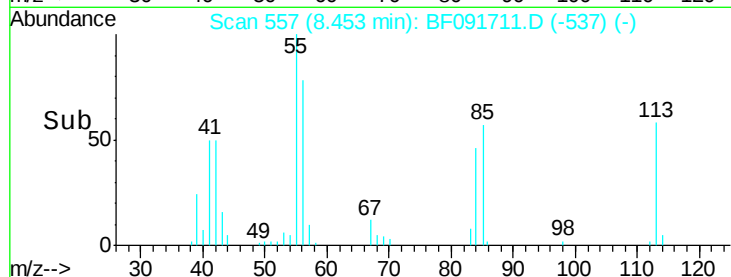
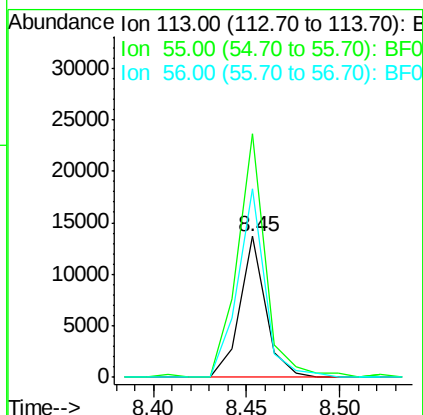
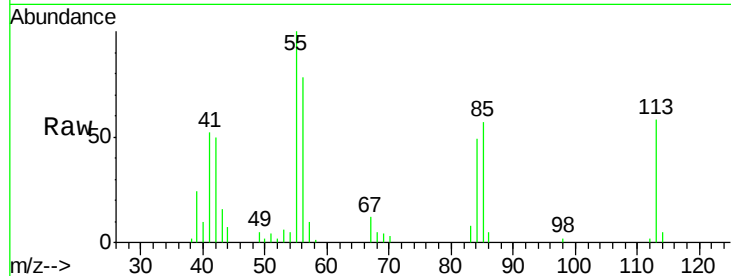




#35
 Caprolactam
 Concen: 2.83 ng
 RT: 8.45 min Scan# 557
 Delta R.T. -0.07 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

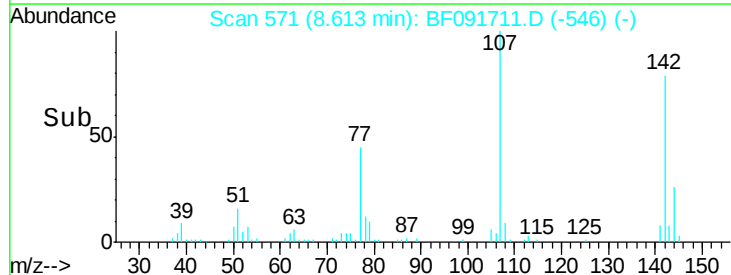
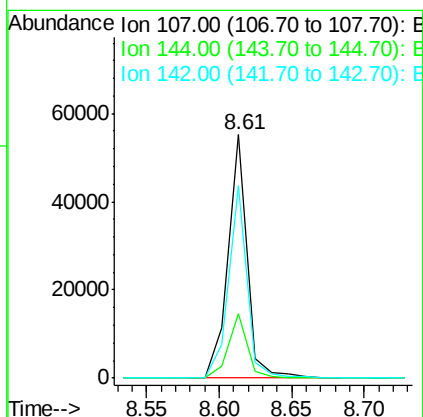
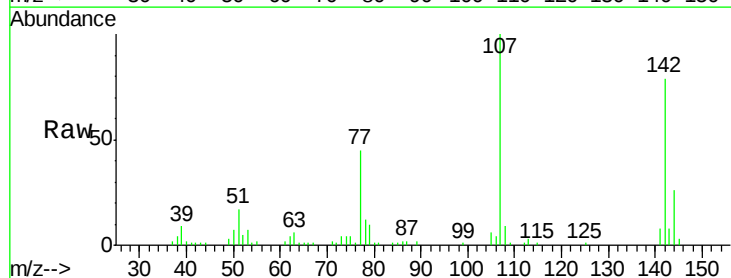
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

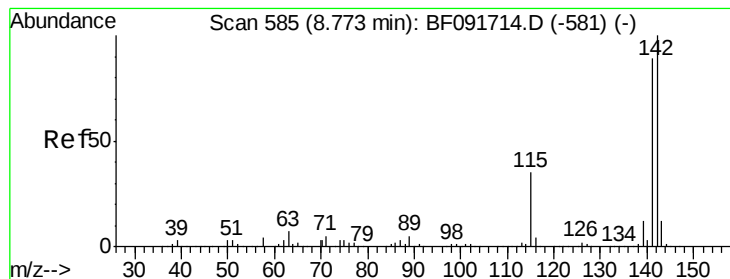
Tgt Ion:113 Resp: 13177
 Ion Ratio Lower Upper
 113 100
 55 173.1 119.2 159.2#
 56 134.4 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 2.95 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:107 Resp: 50602
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.3 28.9
 142 78.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 2.93 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

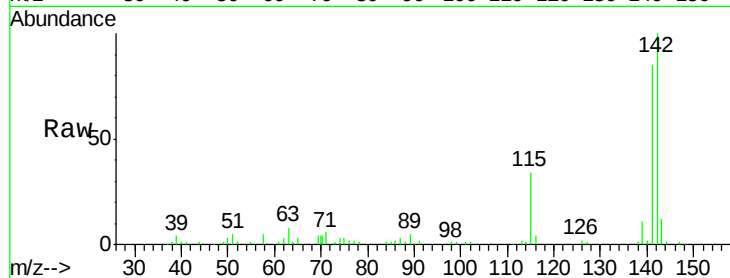
Tgt Ion:142 Resp: 106293

Ion Ratio Lower Upper

142 100

141 84.7 71.0 106.6

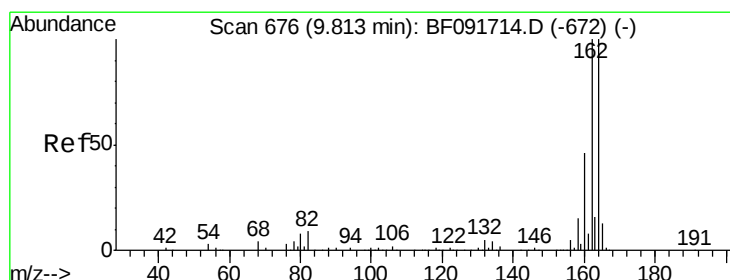
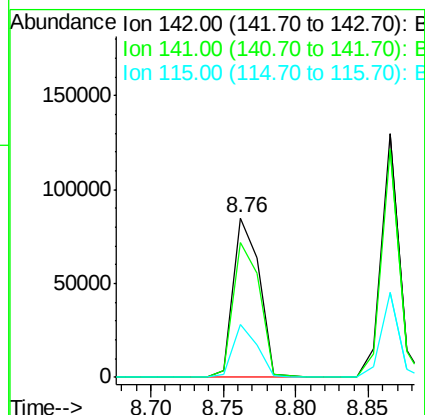
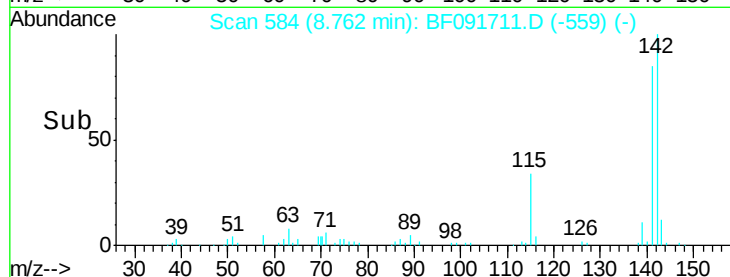
115 33.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

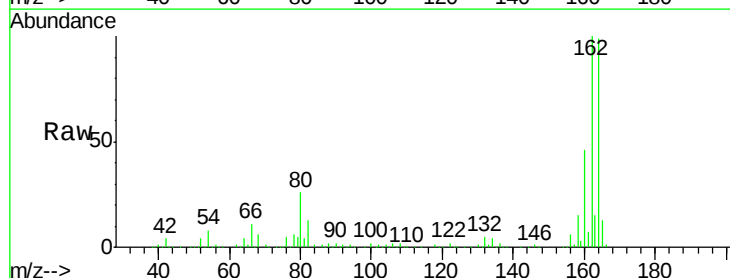
Tgt Ion:164 Resp: 633872

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

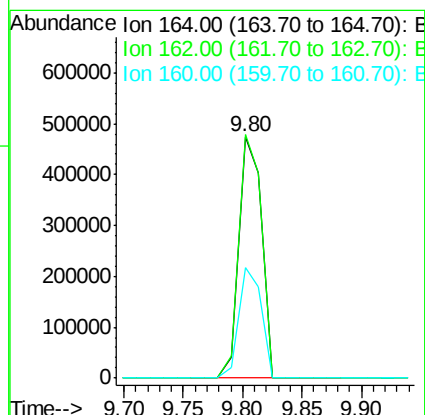
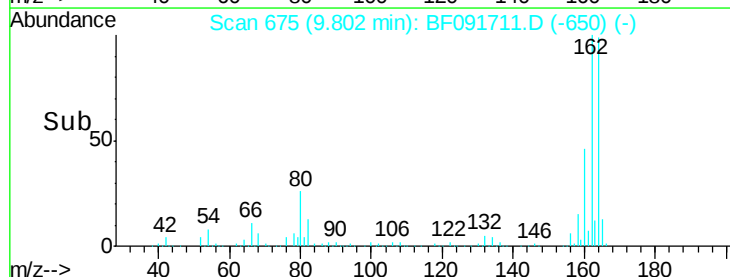
160 45.9 36.9 55.3

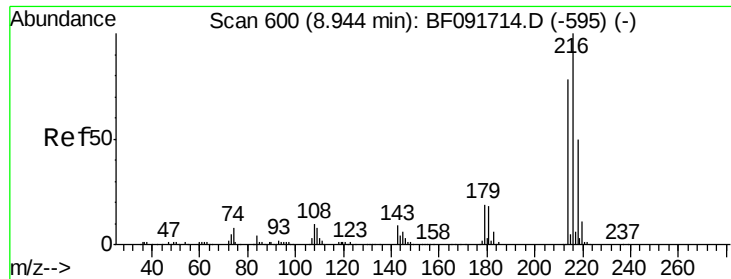


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

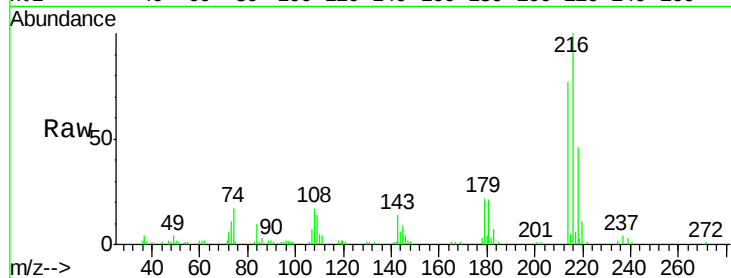




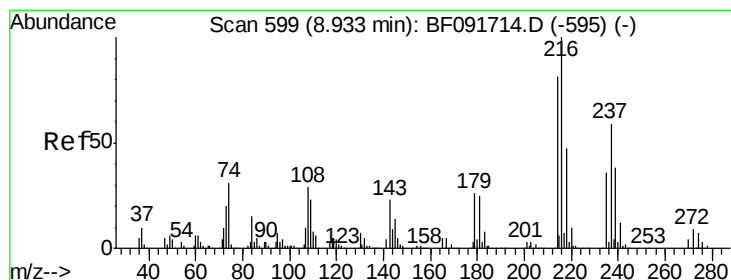
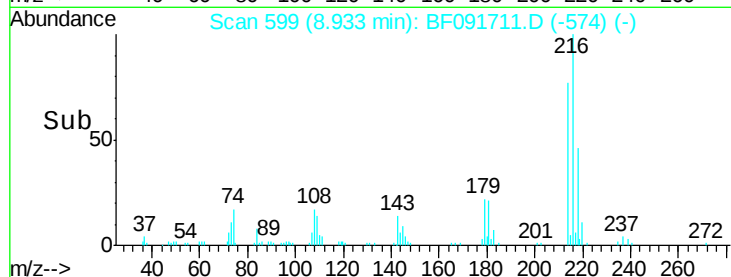
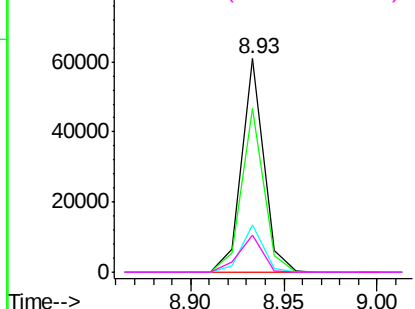
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.91 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion:	216	Resp:	50883
Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.4	95.0
179	22.1	17.4	26.2
108	18.9	15.6	23.4

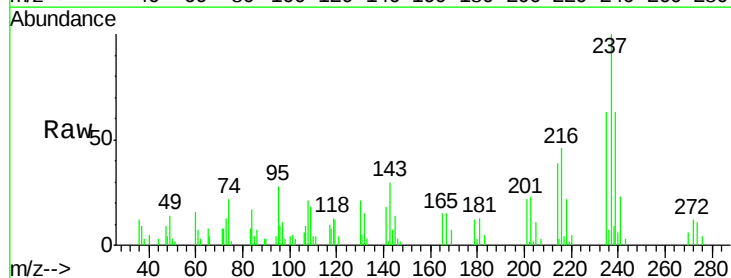


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

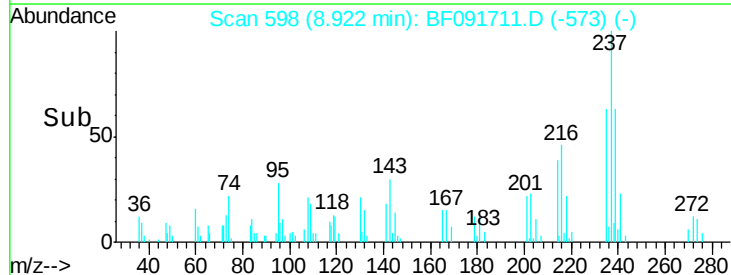
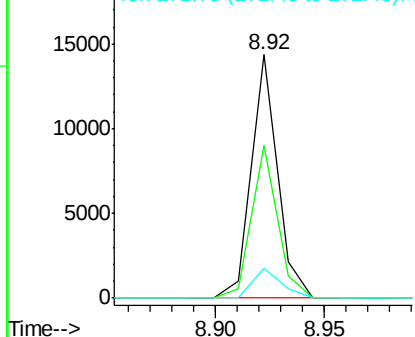


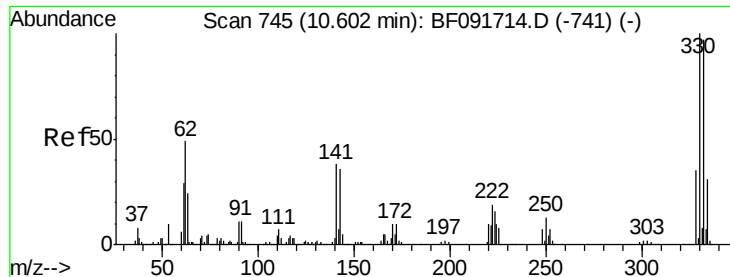
#40
 Hexachlorocyclopentadiene
 Concen: 1.56 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:	237	Resp:	12032
Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.2	81.2
272	12.5	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

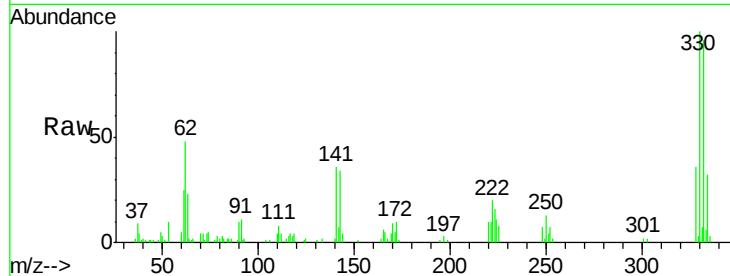




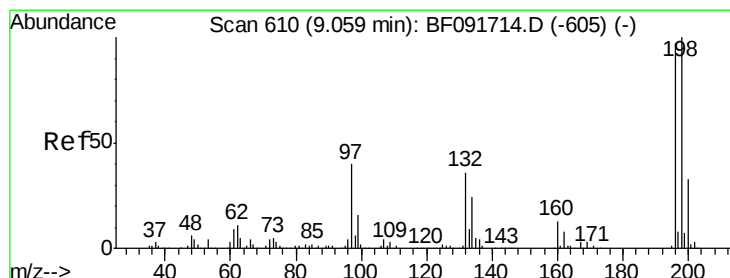
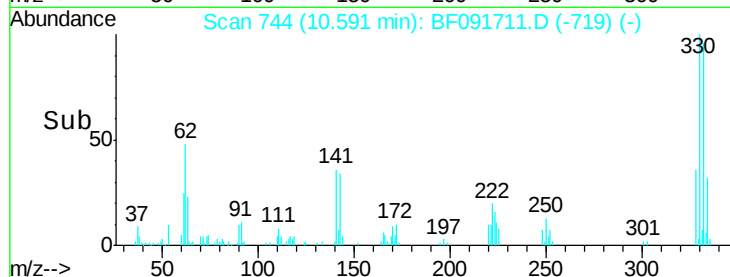
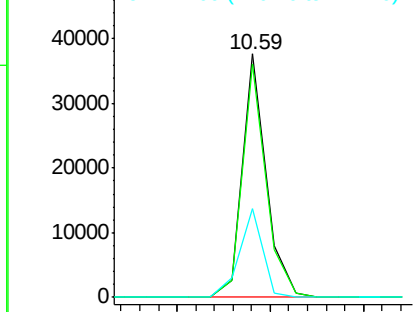
#41
 2,4,6-Tribromophenol
 Concen: 6.36 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion:330 Resp: 33656
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 35.4 34.1 51.1

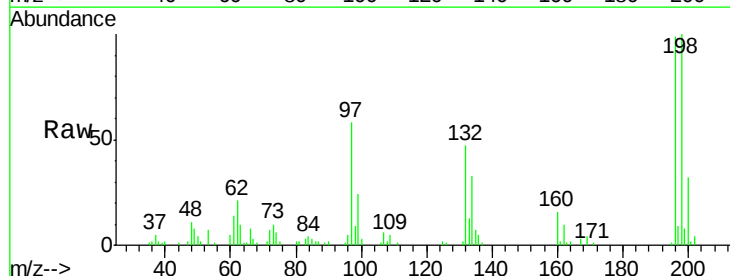


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

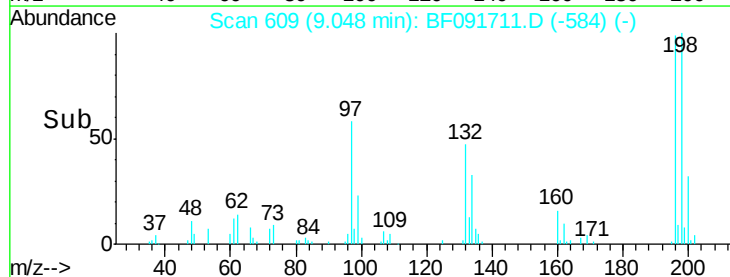
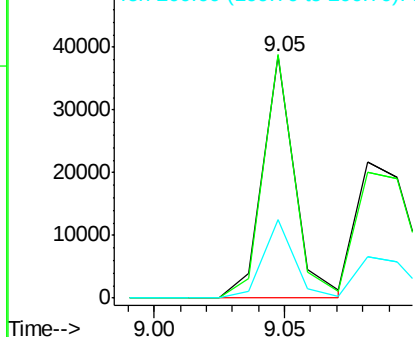


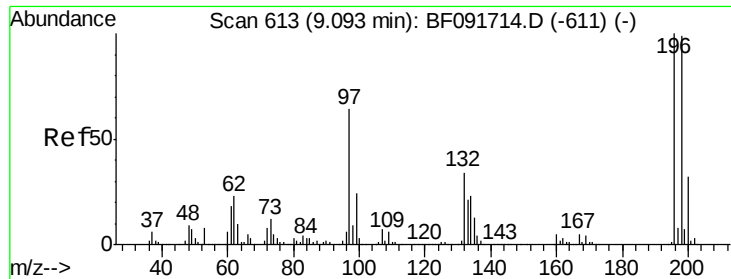
#42
 2,4,6-Trichlorophenol
 Concen: 2.96 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:196 Resp: 33073
 Ion Ratio Lower Upper
 196 100
 198 100.6 82.1 123.1
 200 32.6 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

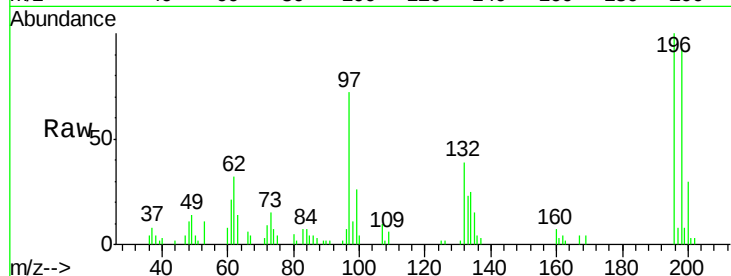




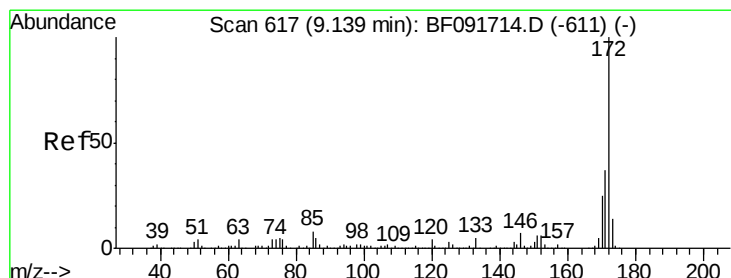
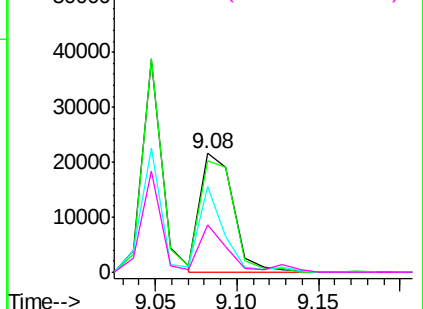
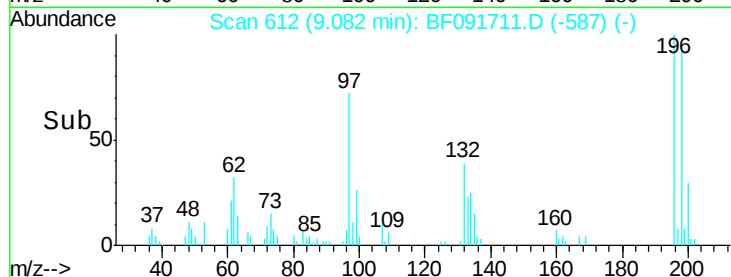
#43
 2,4,5-Trichlorophenol
 Concen: 2.66 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion:196 Resp: 30884
 Ion Ratio Lower Upper
 196 100
 198 93.2 79.4 119.2
 97 72.4 51.5 77.3
 132 39.4 27.4 41.2

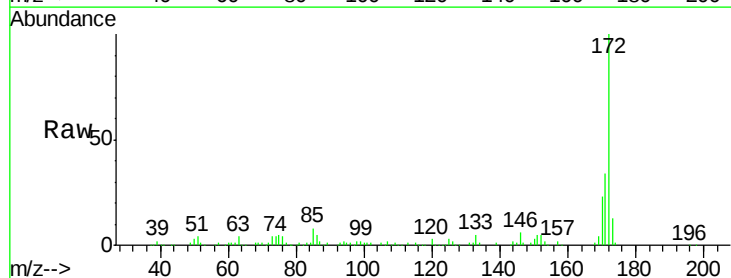


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

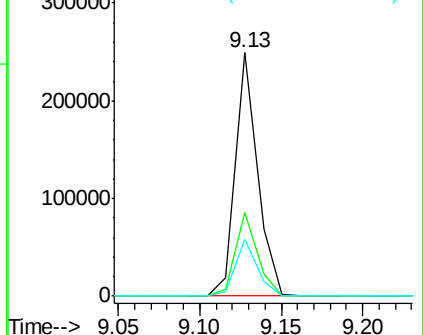
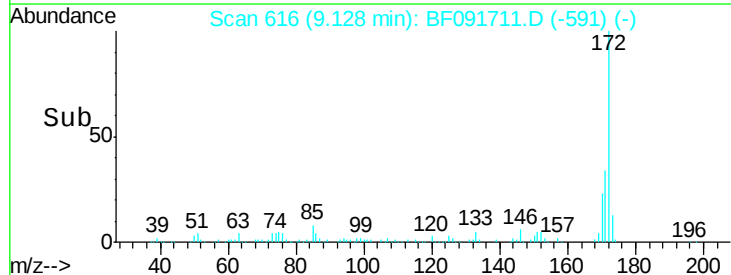


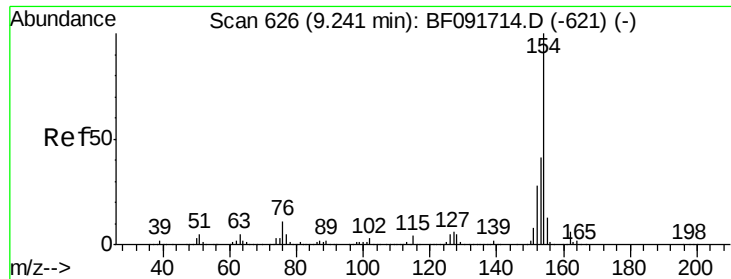
#44
 2-Fluorobiphenyl
 Concen: 6.44 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:172 Resp: 231622
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.4 44.0
 170 23.4 20.2 30.4



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

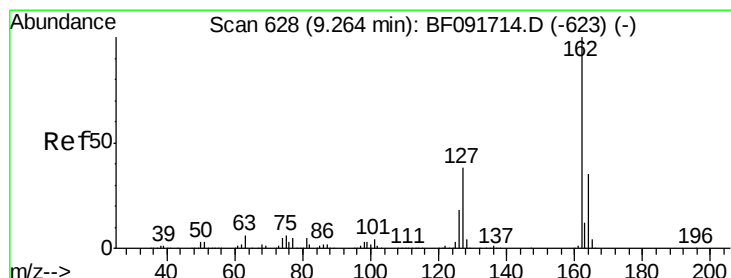
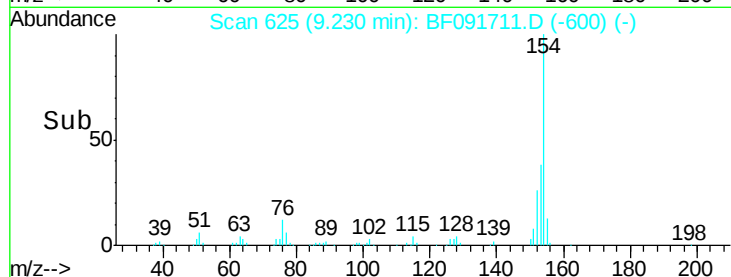
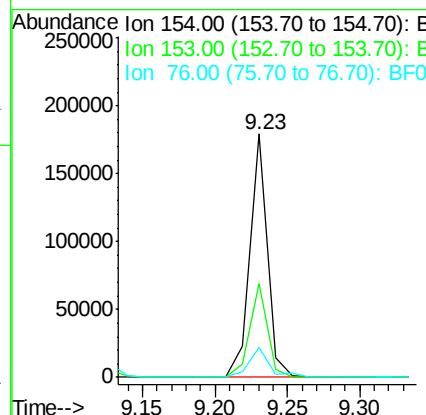
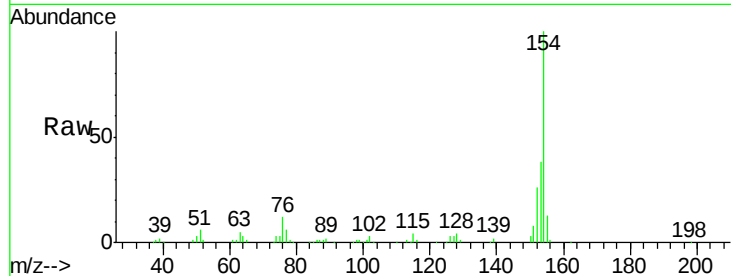




#45
 1,1'-Biphenyl
 Concen: 3.19 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

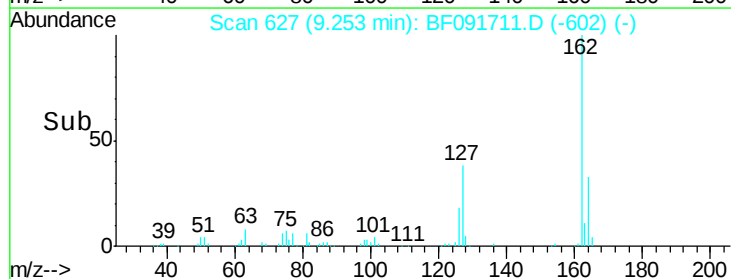
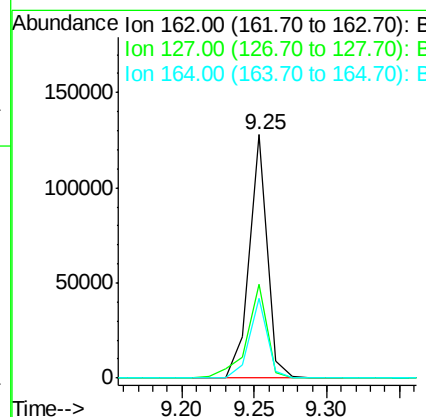
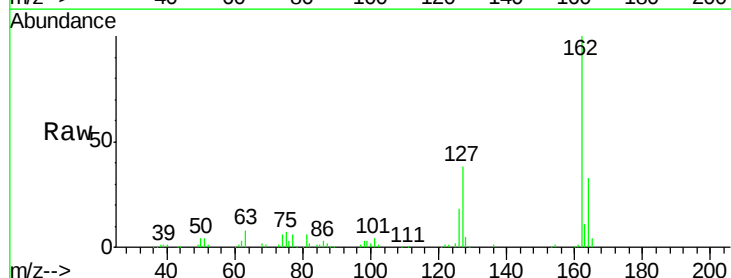
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

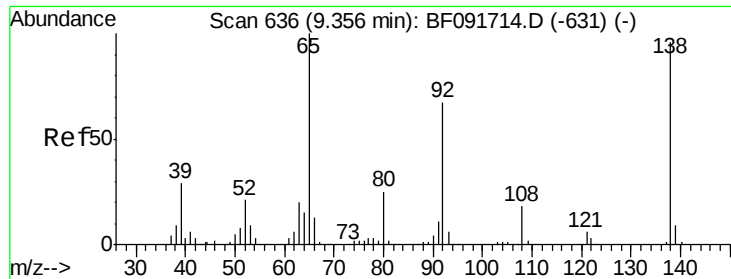
Tgt Ion:	154	Resp:	149496
Ion Ratio	Lower	Upper	
154	100		
153	38.4	20.9	60.9
76	12.1	0.0	30.5



#46
 2-Chloronaphthalene
 Concen: 3.05 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:	162	Resp:	109883
Ion Ratio	Lower	Upper	
162	100		
127	38.5	30.7	46.1
164	32.7	27.6	41.4

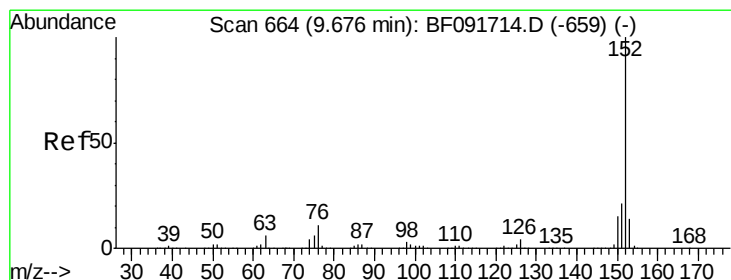
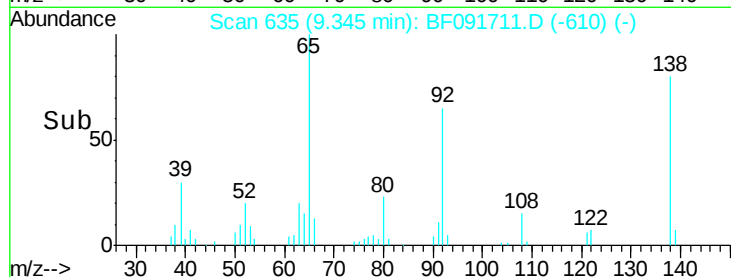
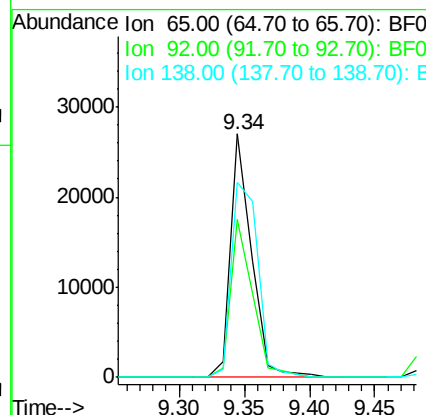
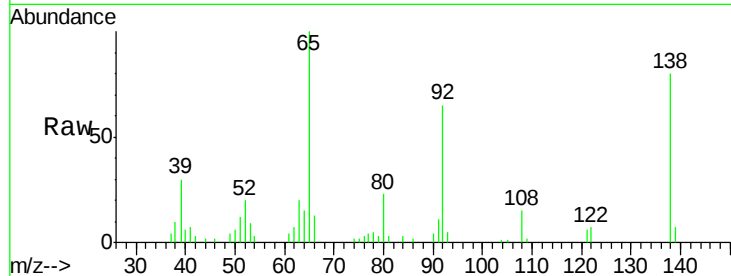




#47
 2-Nitroaniline
 Concen: 2.58 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

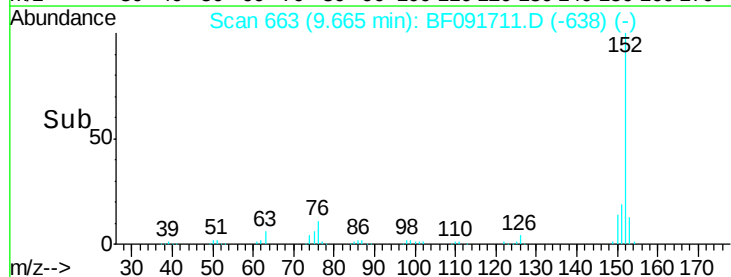
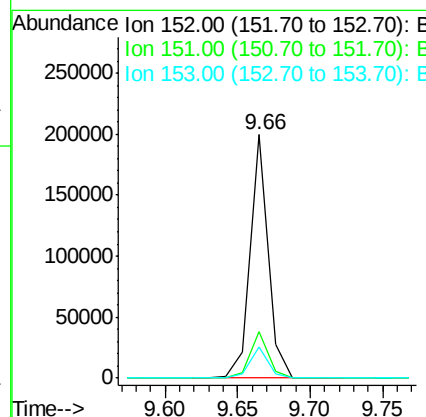
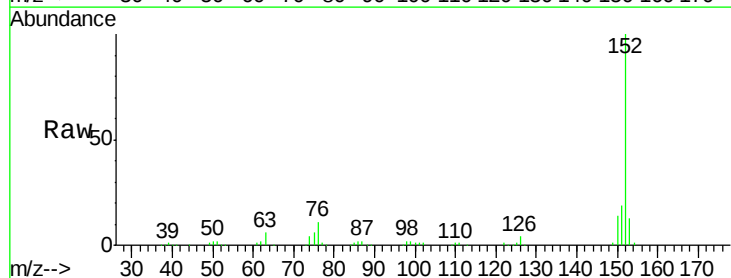
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

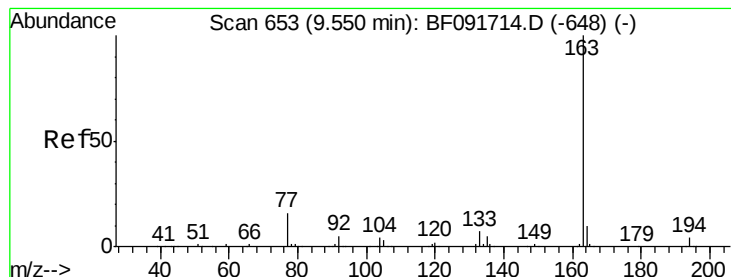
Tgt Ion:	65	Resp:	30460
Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	80.2	76.8	115.2



#48
 Acenaphthylene
 Concen: 3.15 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:	152	Resp:	171872
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.9	25.3
153	12.9	11.4	17.2





#49

Dimethylphthalate

Concen: 3.29 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

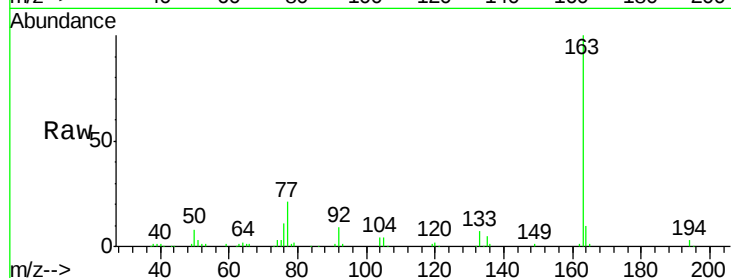
Tgt Ion:163 Resp: 133838

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

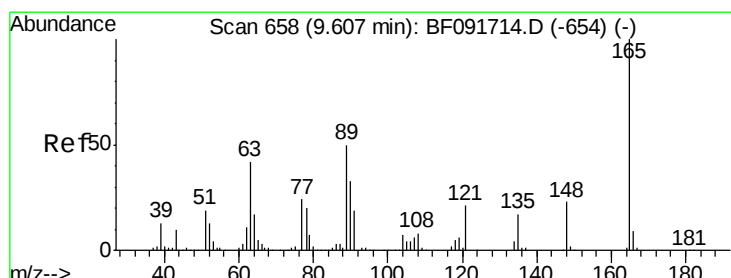
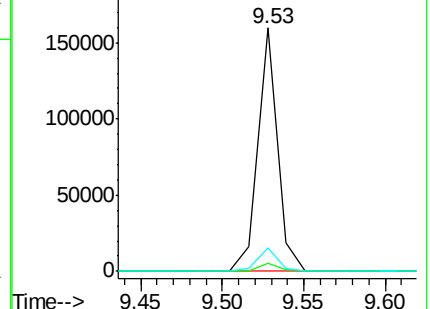
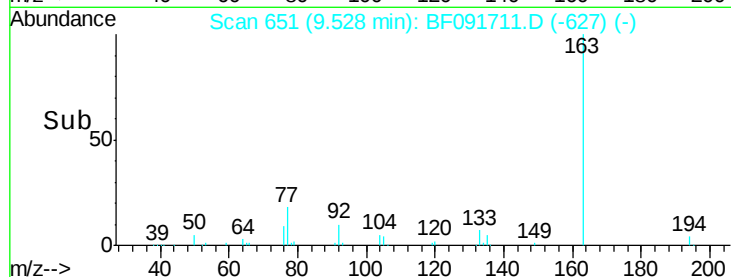
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 2.67 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

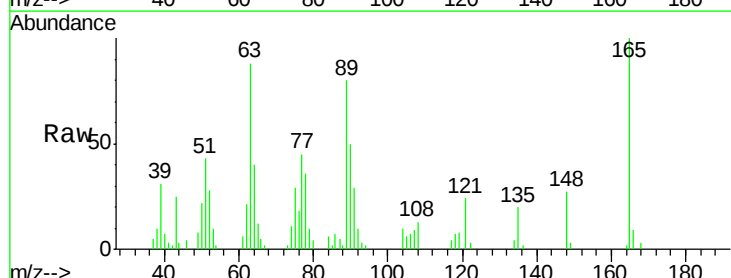
Tgt Ion:165 Resp: 23915

Ion Ratio Lower Upper

165 100

63 88.4 36.2 54.4#

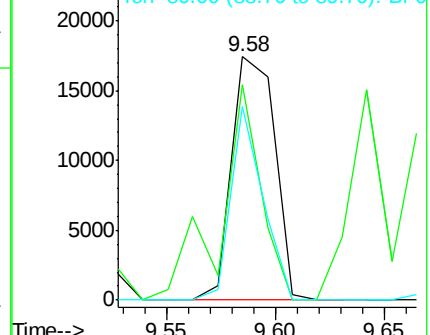
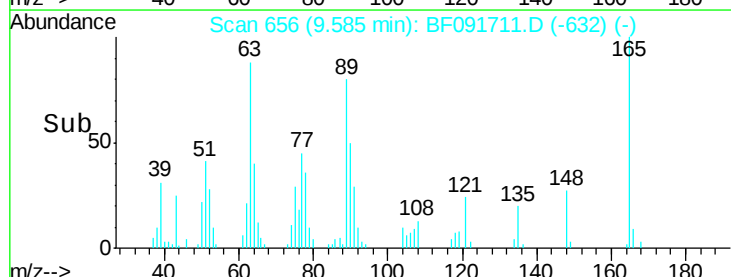
89 79.7 40.2 60.4#

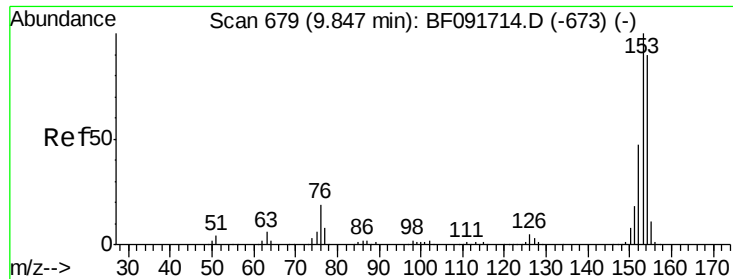


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.97 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

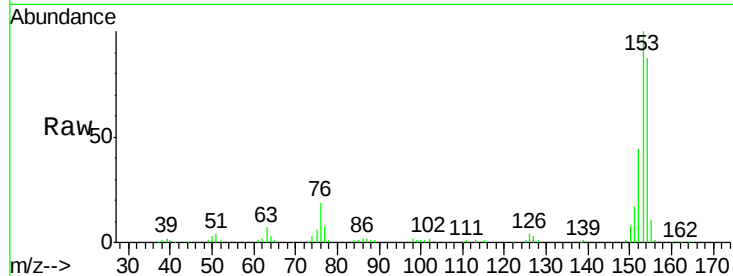
Tgt Ion:154 Resp: 112305

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

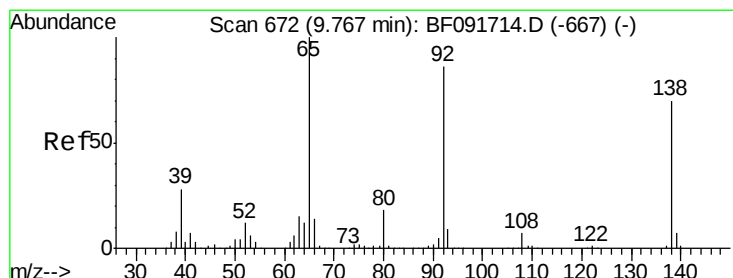
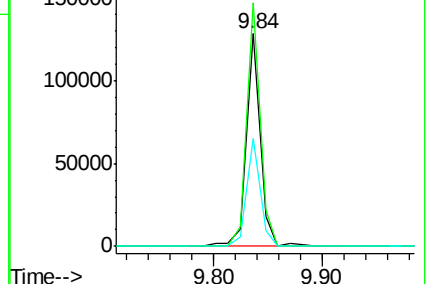
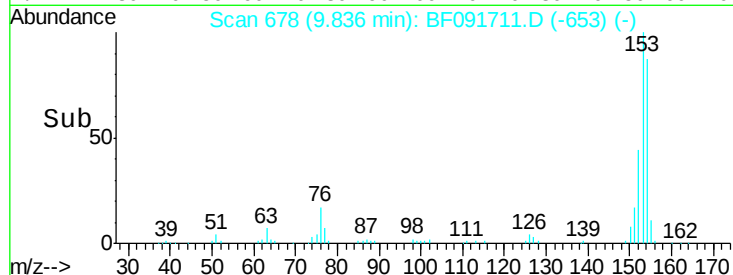
152 50.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.07 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

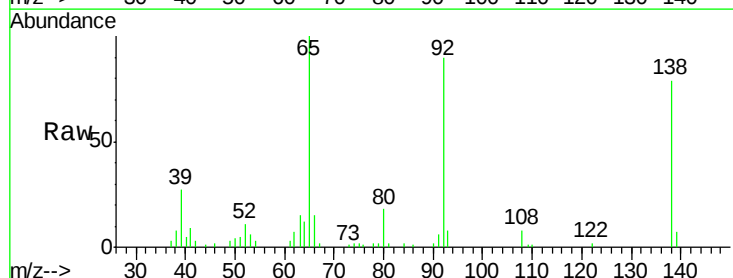
Tgt Ion:138 Resp: 32000

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

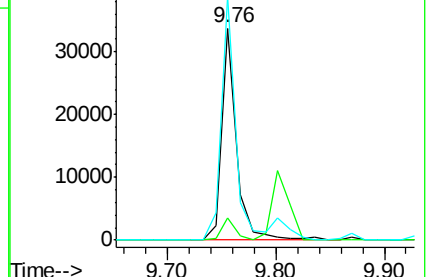
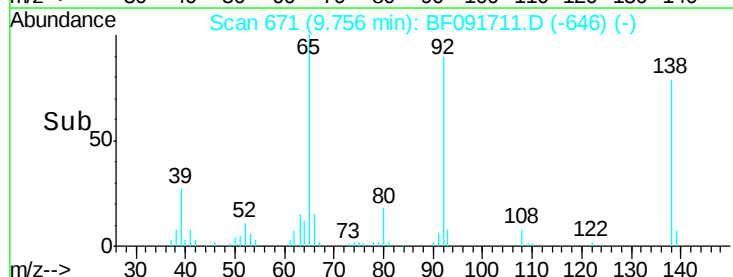
92 114.9 97.8 146.8

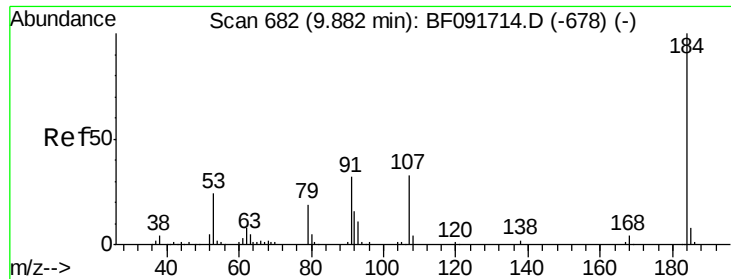


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

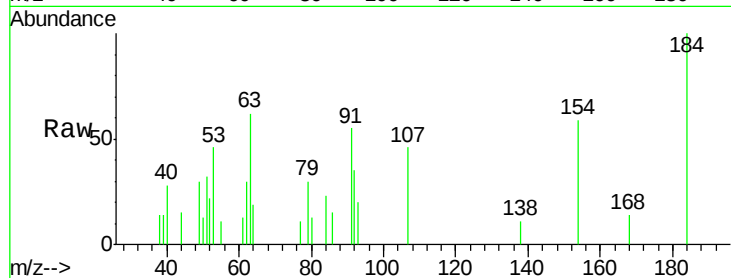




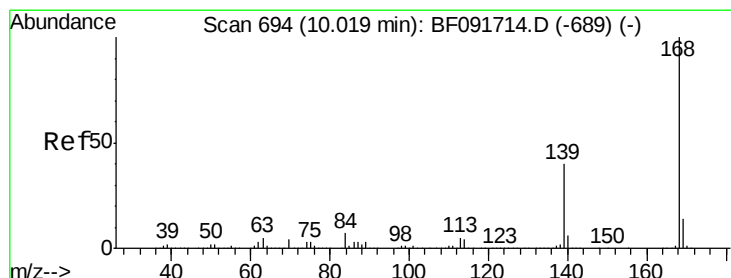
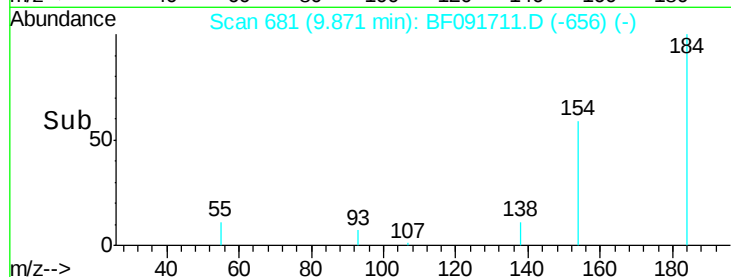
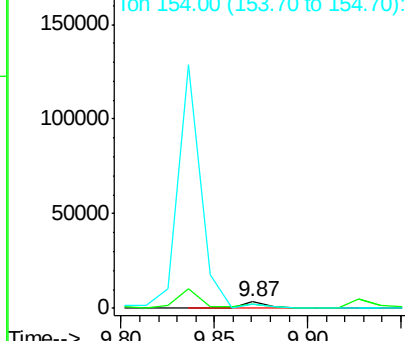
#53
 2,4-Dinitrophenol
 Concen: 1.02 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion:184 Resp: 3596
 Ion Ratio Lower Upper
 184 100
 63 62.1 28.4 42.6#
 154 59.0 44.3 66.5

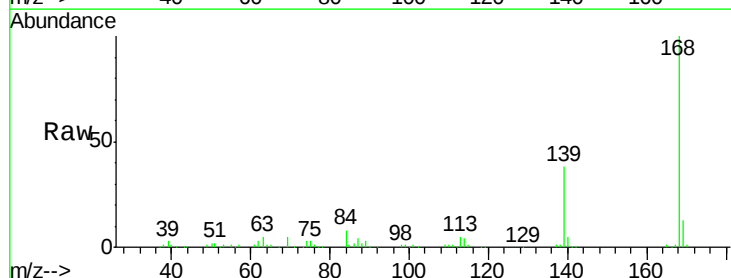


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

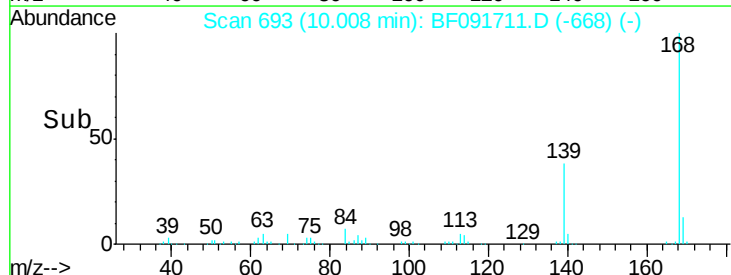
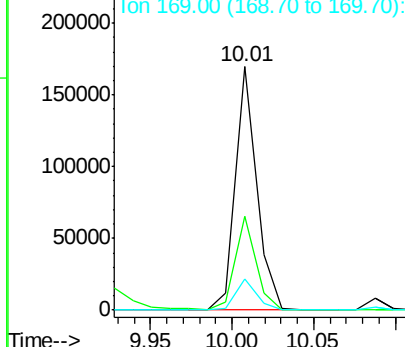


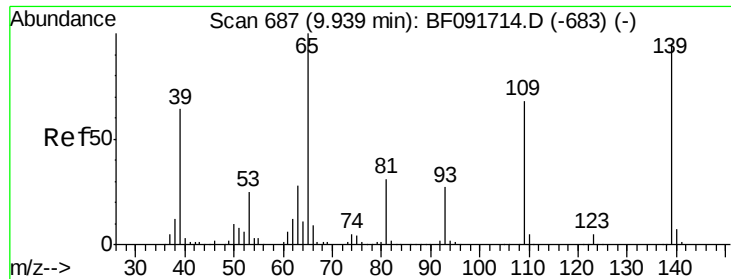
#54
 Dibenzofuran
 Concen: 3.26 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:168 Resp: 153070
 Ion Ratio Lower Upper
 168 100
 139 38.3 32.6 49.0
 169 12.7 11.3 16.9



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

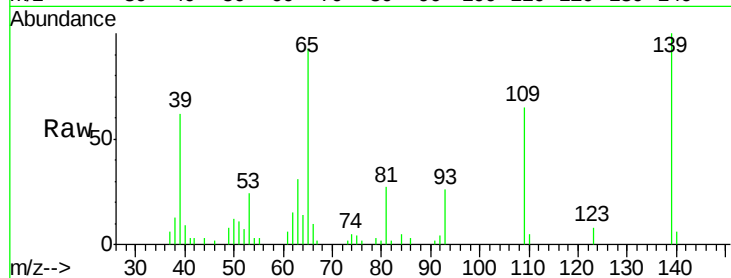




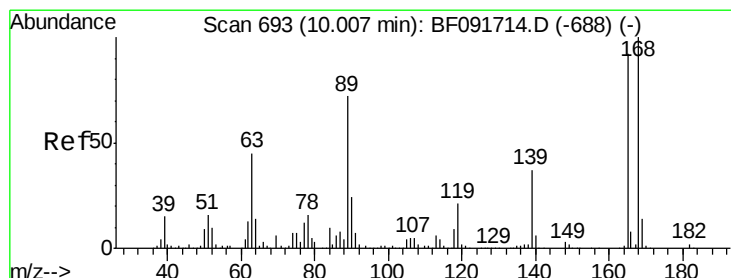
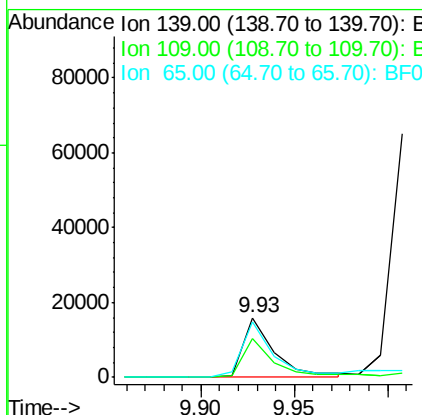
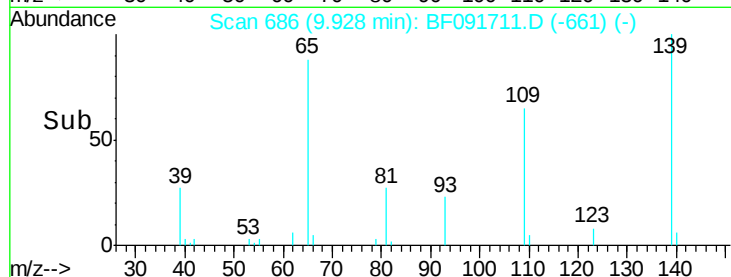
#55
4-Nitrophenol
Concen: 2.45 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tgt Ion:139 Resp: 18564
Ion Ratio Lower Upper
139 100
109 65.0 52.2 92.2
65 93.5 85.8 125.8

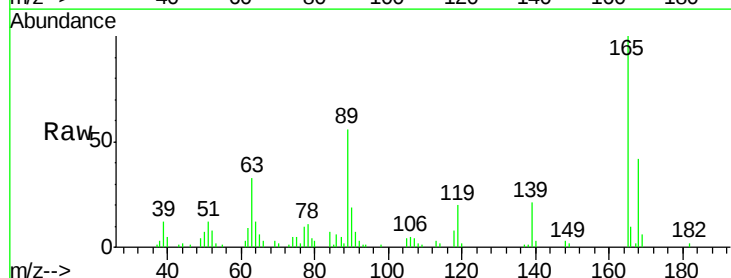


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

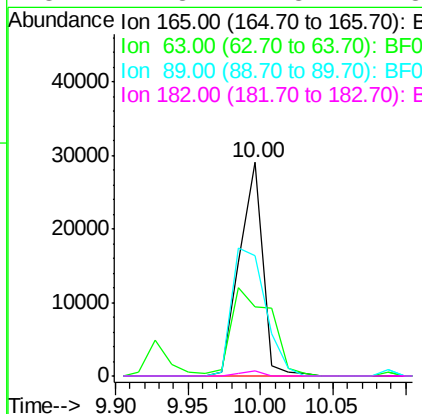
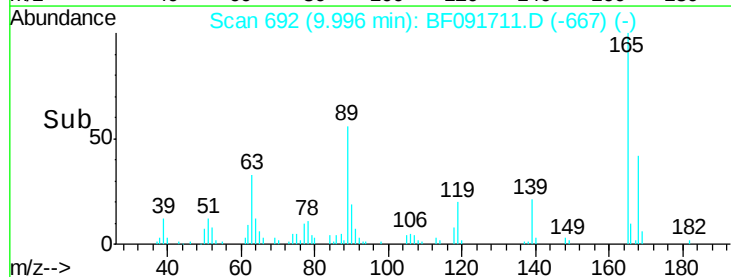


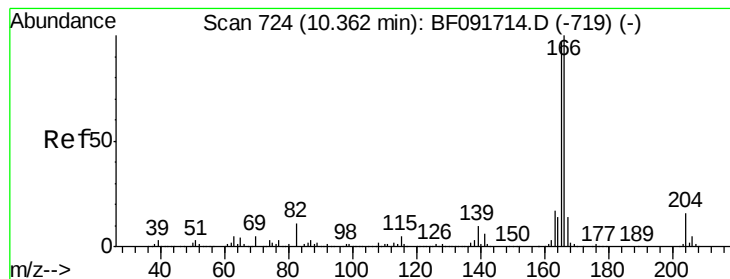
#56
2,4-Dinitrotoluene
Concen: 2.91 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion:165 Resp: 32319
Ion Ratio Lower Upper
165 100
63 32.6 40.2 60.4#
89 56.4 62.5 93.7#
182 2.3 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 3.36 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

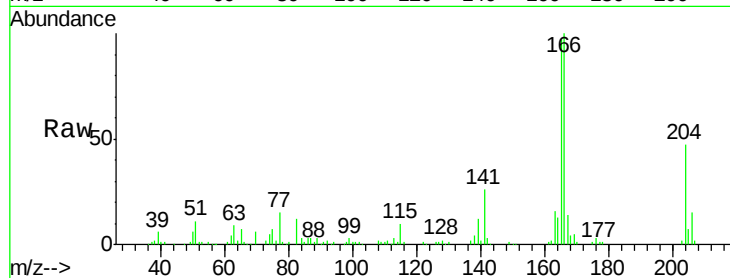
Tgt Ion:166 Resp: 123430

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.8

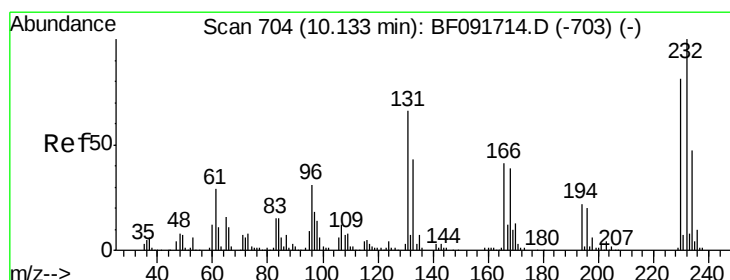
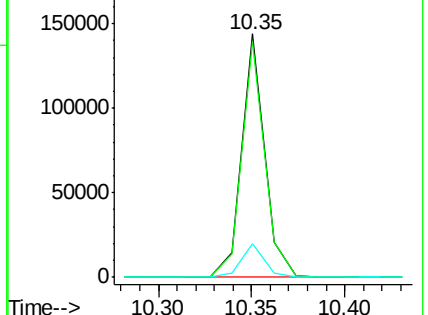
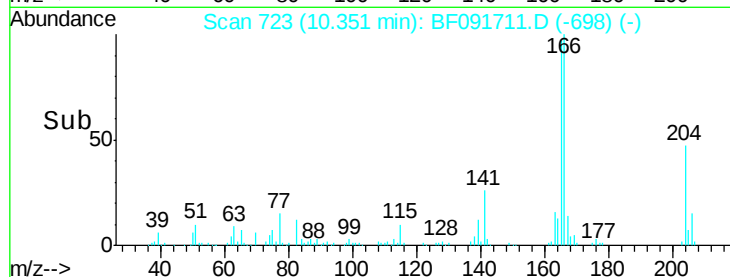
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.80 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Tgt Ion:232 Resp: 25111

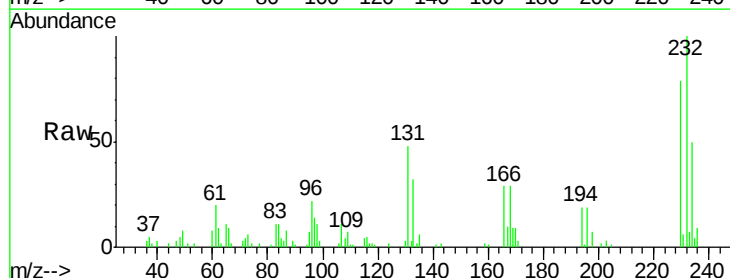
Ion Ratio Lower Upper

232 100

131 45.4 40.1 60.1

130 2.1 1.8 2.8

166 27.5 26.6 39.8

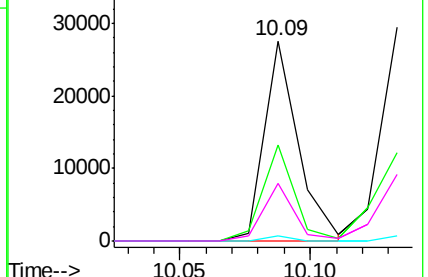
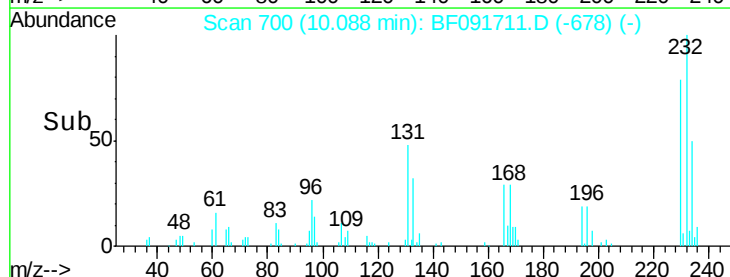


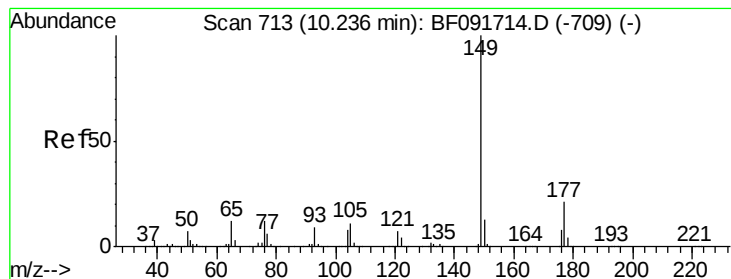
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 3.17 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

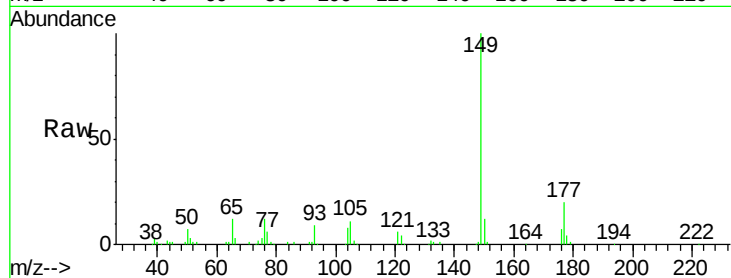
Tgt Ion:149 Resp: 122988

Ion Ratio Lower Upper

149 100

177 19.8 16.6 25.0

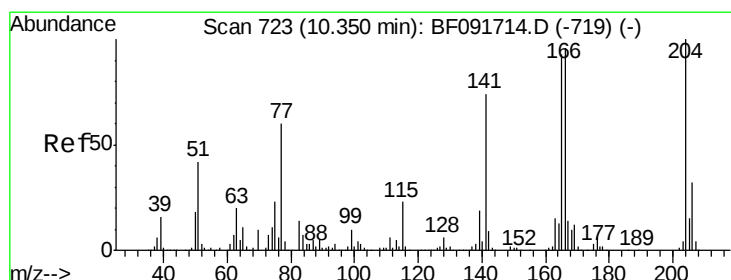
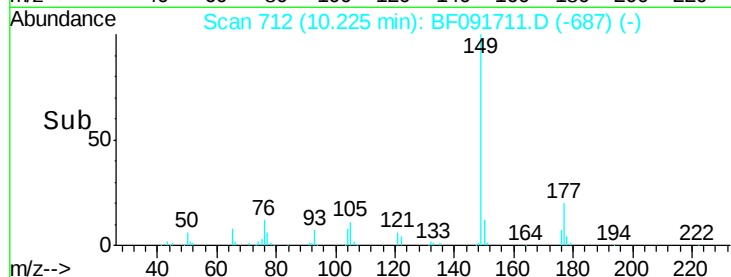
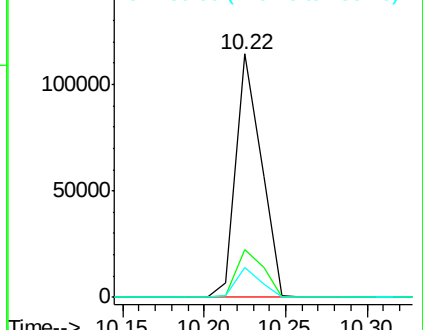
150 12.1 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.48 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

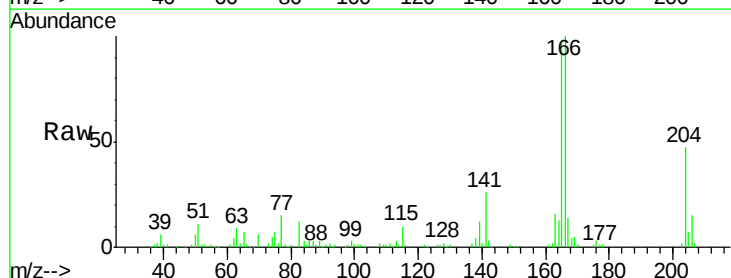
Tgt Ion:204 Resp: 57603

Ion Ratio Lower Upper

204 100

206 32.1 25.8 38.6

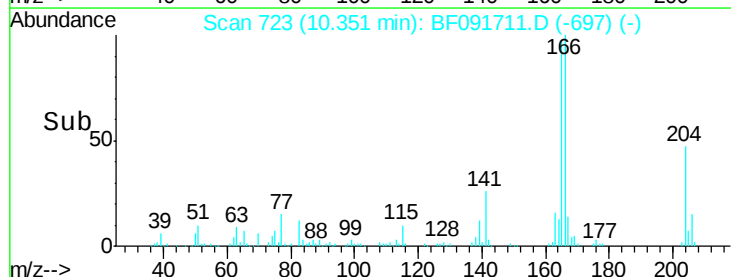
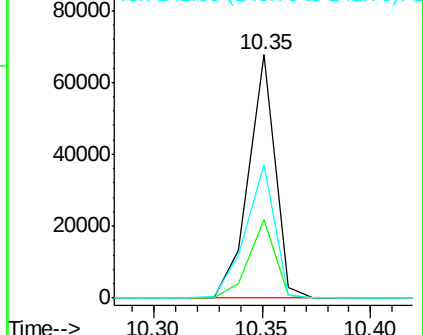
141 54.8 59.4 89.0#

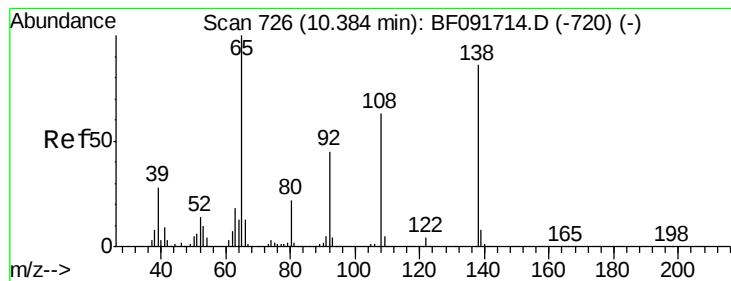


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 3.12 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

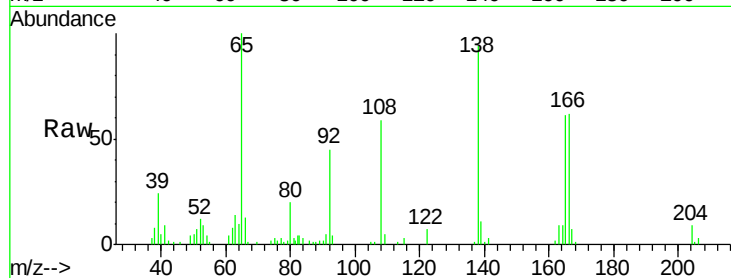
Tgt Ion:138 Resp: 32632

Ion Ratio Lower Upper

138 100

92 47.8 31.7 71.7

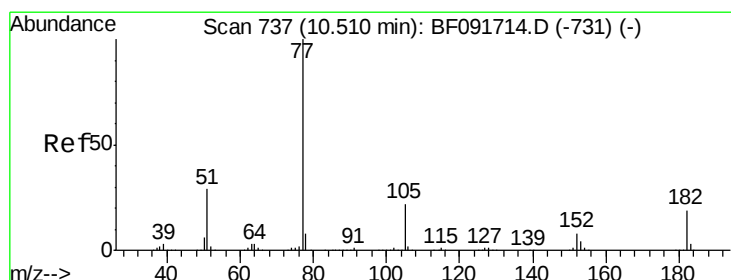
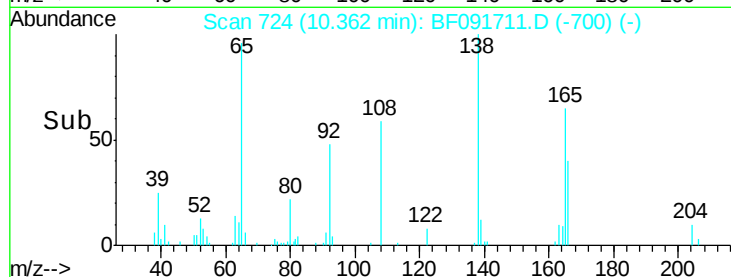
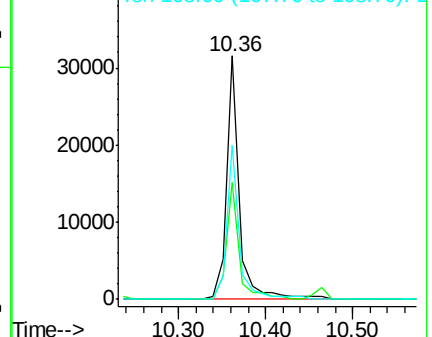
108 63.0 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 2.87 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Tgt Ion: 77 Resp: 124841

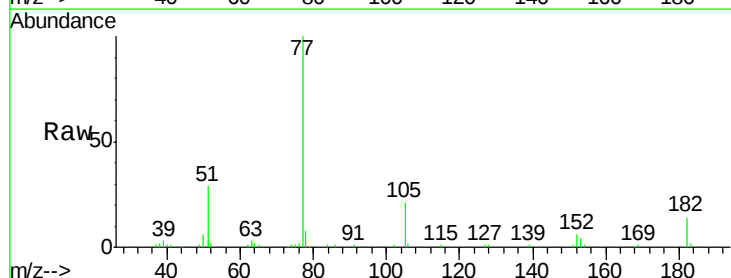
Ion Ratio Lower Upper

77 100

182 13.9 0.0 39.3

105 21.3 2.3 42.3

51 28.8 8.9 48.9

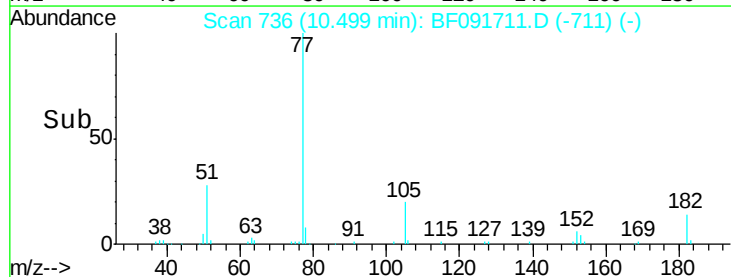
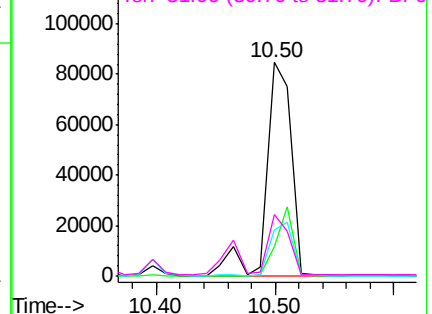


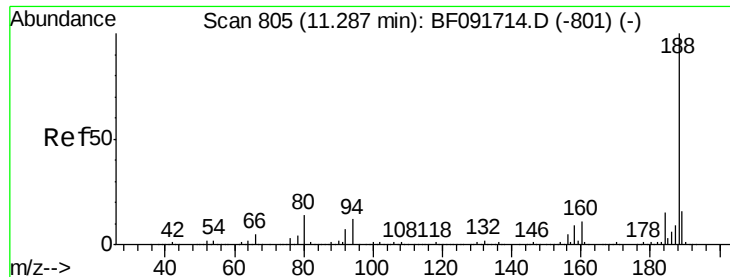
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

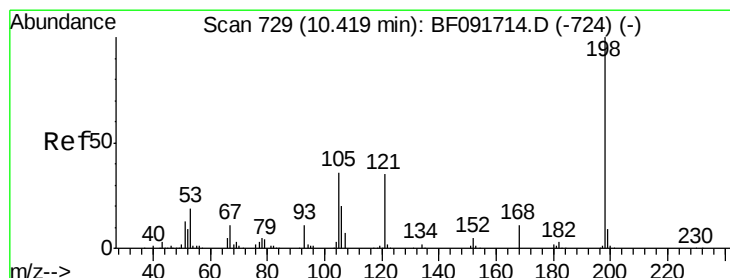
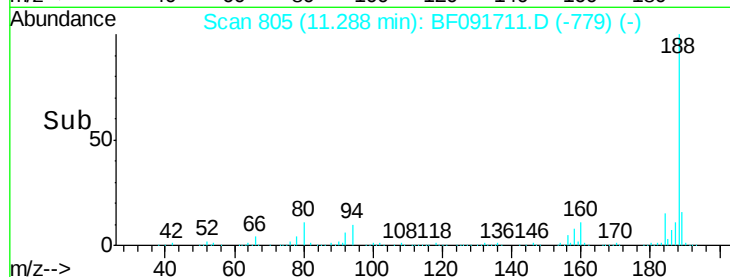
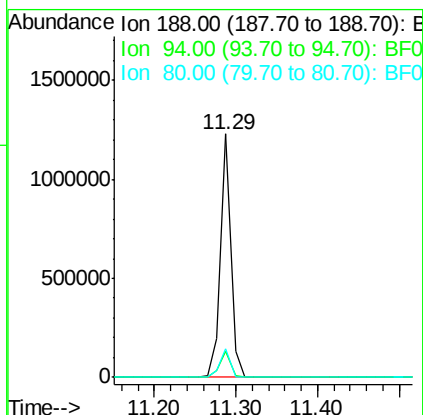
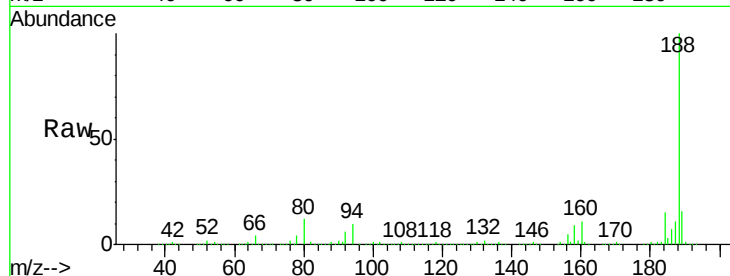




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

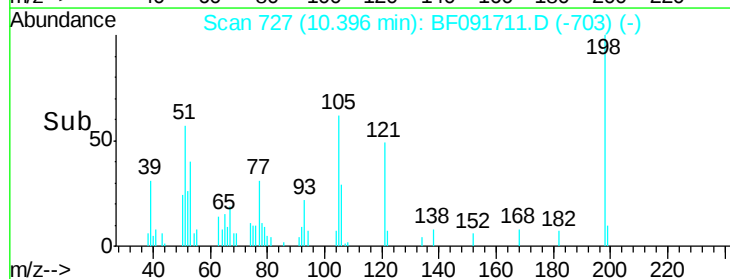
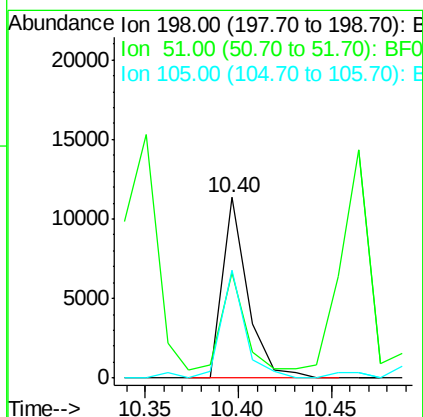
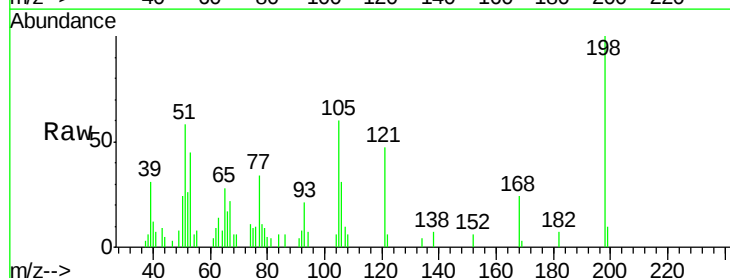
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

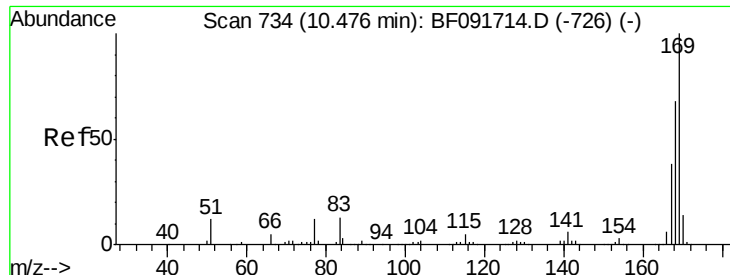
Tgt Ion:188 Resp: 1084510
 Ion Ratio Lower Upper
 188 100
 94 10.5 10.0 15.0
 80 11.5 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.85 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:198 Resp: 10734
 Ion Ratio Lower Upper
 198 100
 51 58.3 6.7 46.7#
 105 59.9 16.6 56.6#

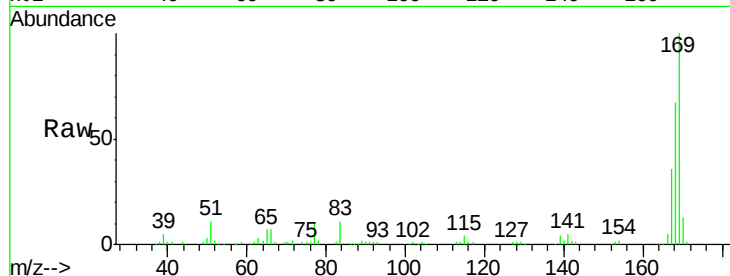




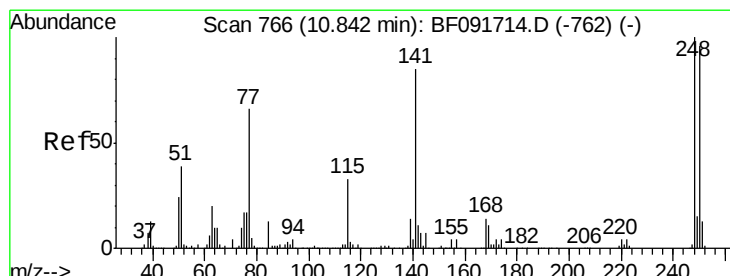
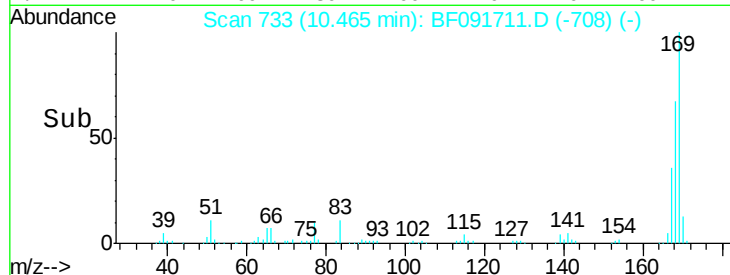
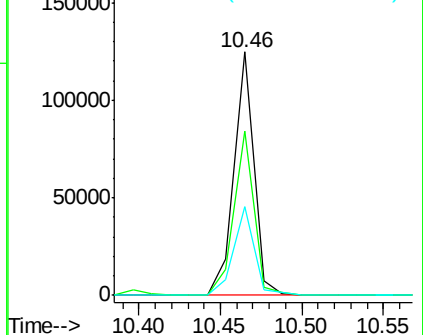
#65
n-Nitrosodiphenylamine
Concen: 3.15 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tgt Ion:169 Resp: 104496
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.2
167 36.2 30.2 45.4

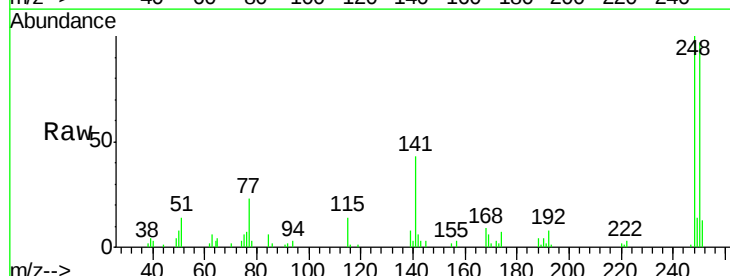


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

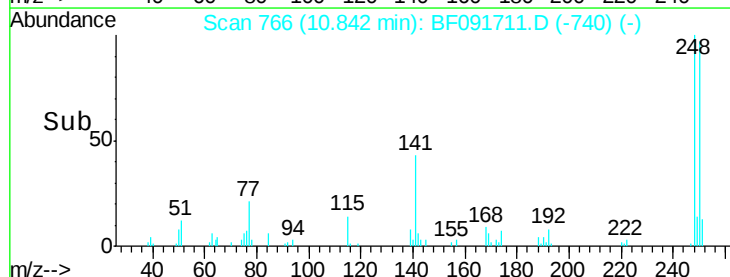
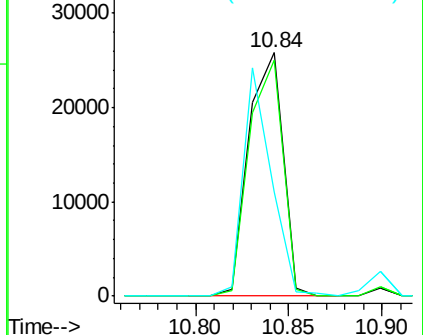


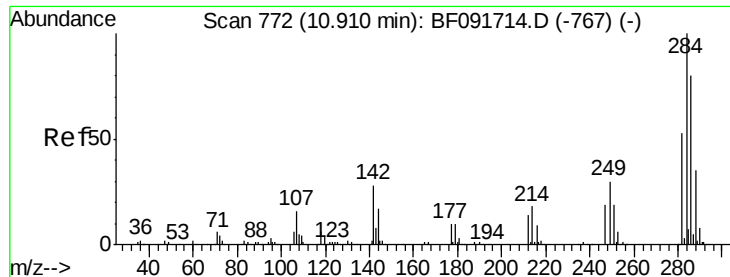
#66
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion:248 Resp: 32881
Ion Ratio Lower Upper
248 100
250 96.7 76.9 115.3
141 42.7 68.2 102.4#



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

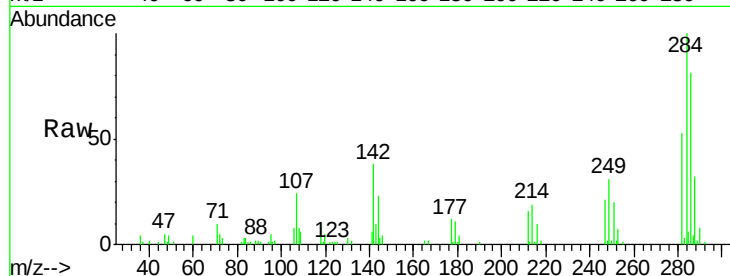




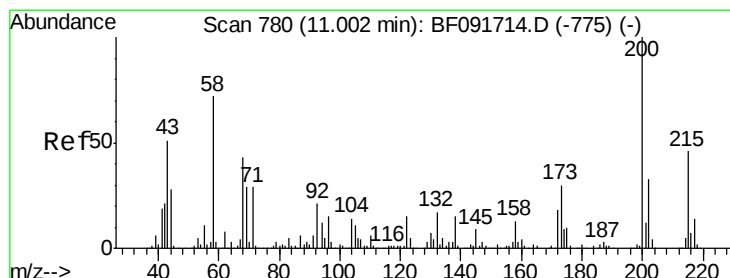
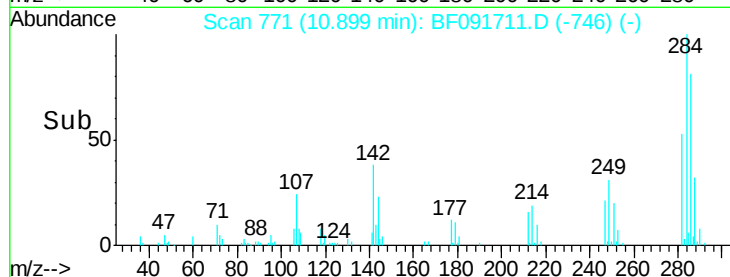
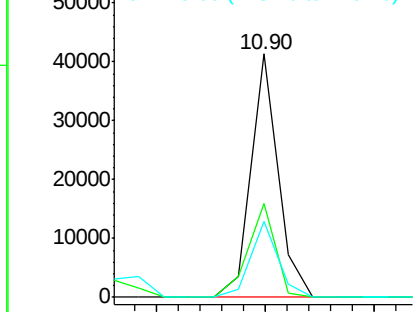
#67
Hexachlorobenzene
Concen: 3.01 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tgt Ion:284 Resp: 35808
Ion Ratio Lower Upper
284 100
142 38.4 22.6 33.8#
249 31.4 25.4 38.0

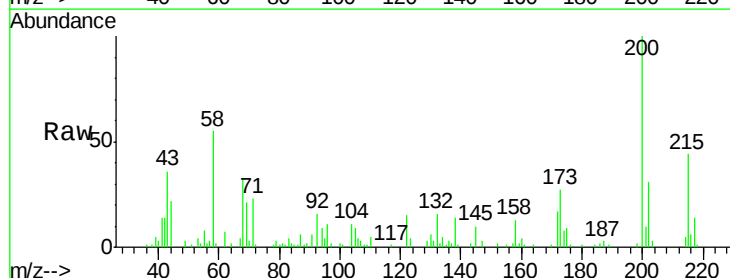


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

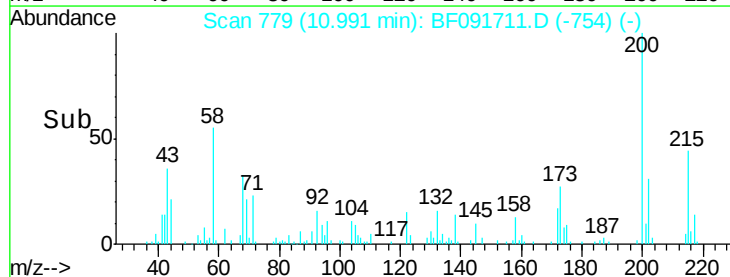
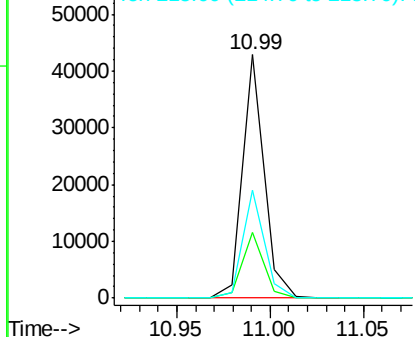


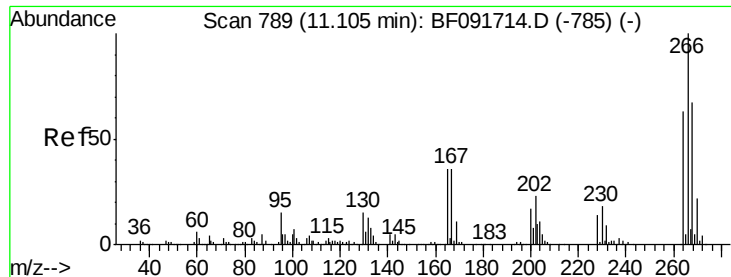
#68
Atrazine
Concen: 3.32 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion:200 Resp: 34683
Ion Ratio Lower Upper
200 100
173 27.1 9.6 49.6
215 44.3 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

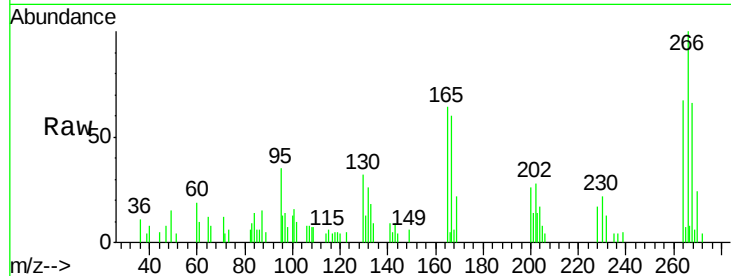




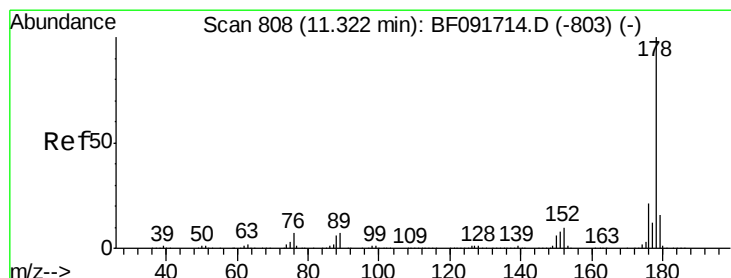
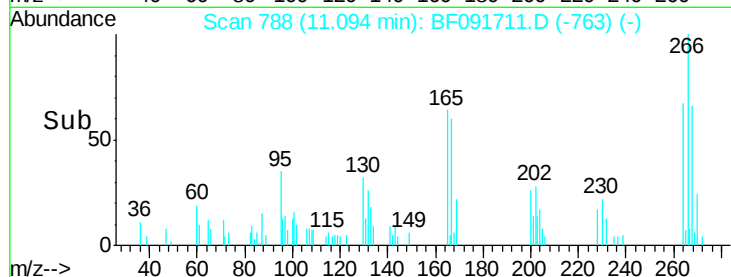
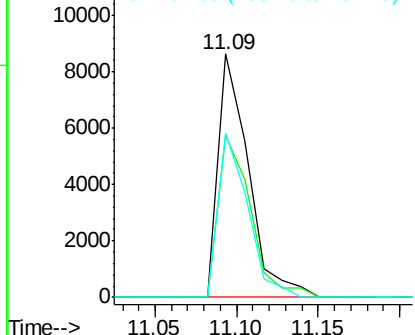
#69
 Pentachlorophenol
 Concen: 1.65 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion: 266 Resp: 11089
 Ion Ratio Lower Upper
 266 100
 268 66.5 53.3 79.9
 264 67.4 50.3 75.5

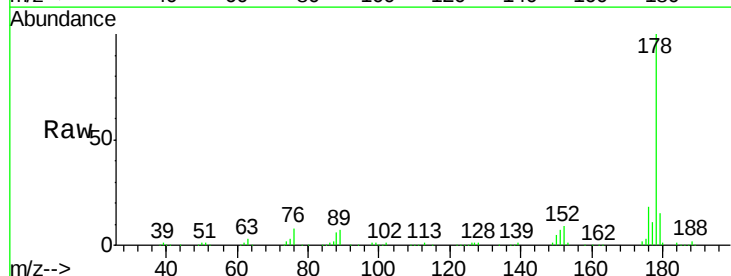


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

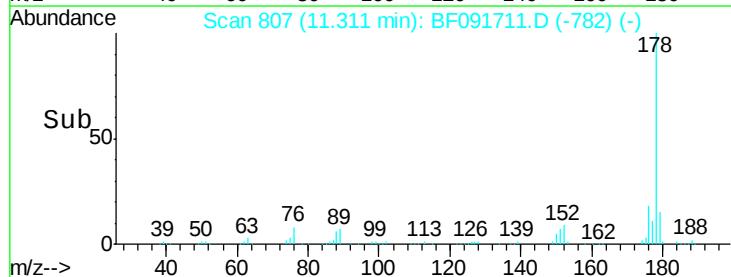
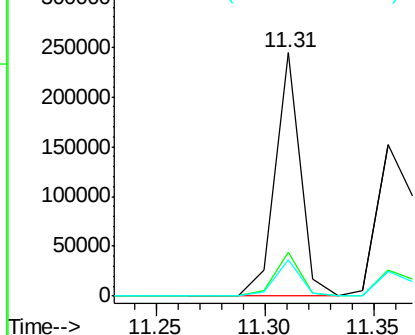


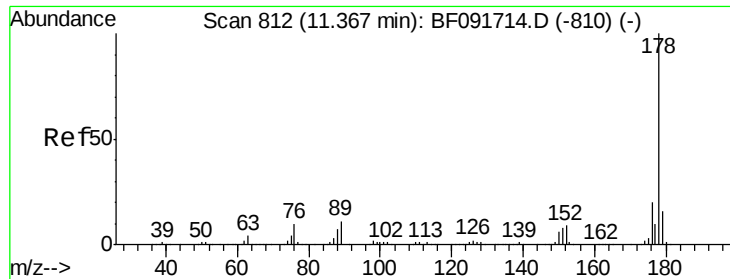
#70
 Phenanthrene
 Concen: 3.58 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion: 178 Resp: 198405
 Ion Ratio Lower Upper
 178 100
 176 18.2 16.6 25.0
 179 15.0 12.8 19.2



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

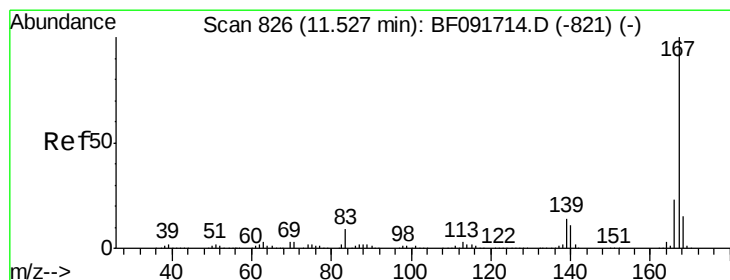
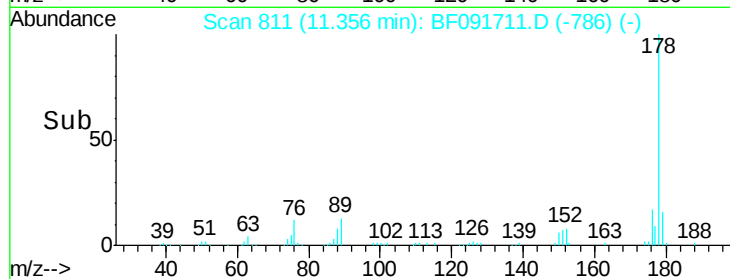
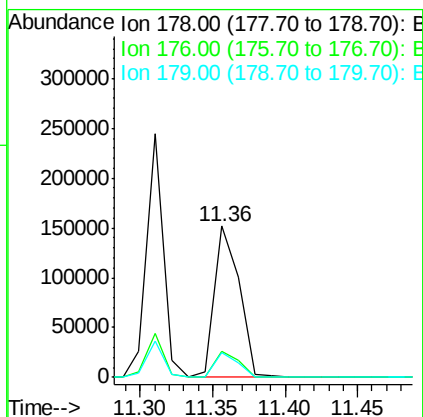
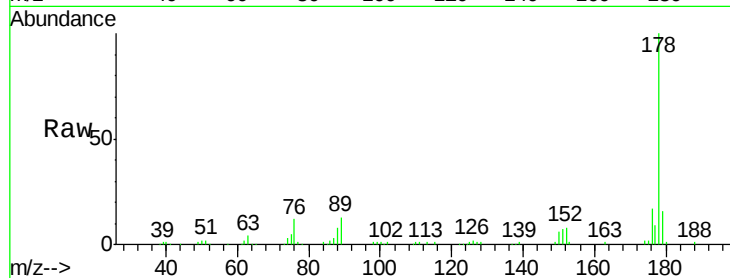




#71
 Anthracene
 Concen: 3.15 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

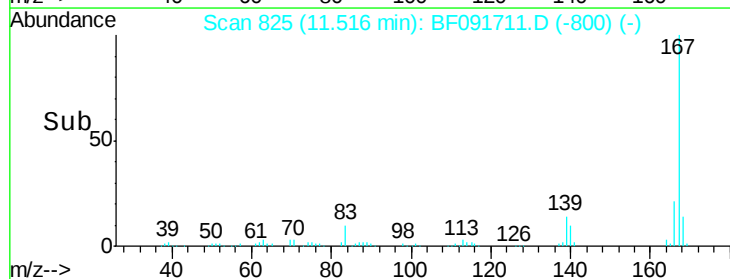
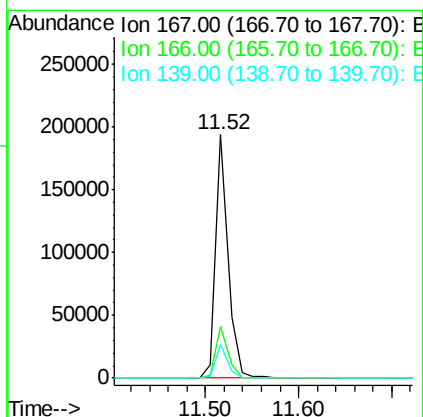
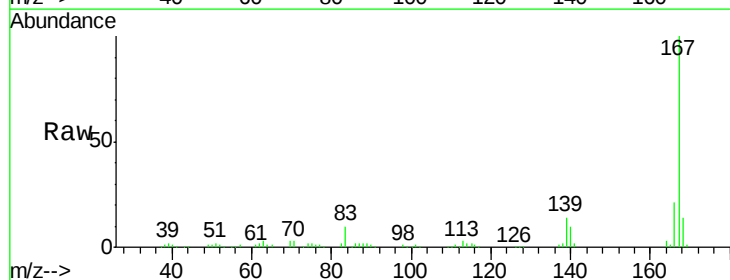
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

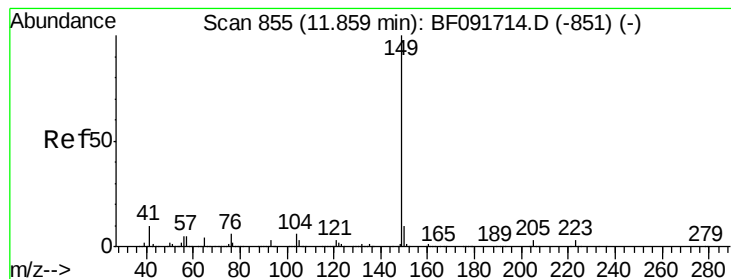
Tgt Ion:178 Resp: 180728
 Ion Ratio Lower Upper
 178 100
 176 17.2 15.9 23.9
 179 15.9 13.2 19.8



#72
 Carbazole
 Concen: 3.47 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:167 Resp: 180391
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.2 27.2
 139 13.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 3.98 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

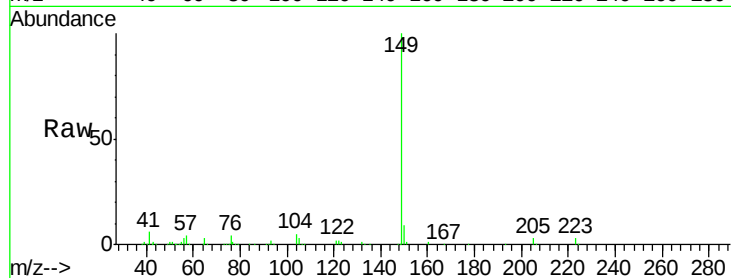
Tgt Ion:149 Resp: 237240

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

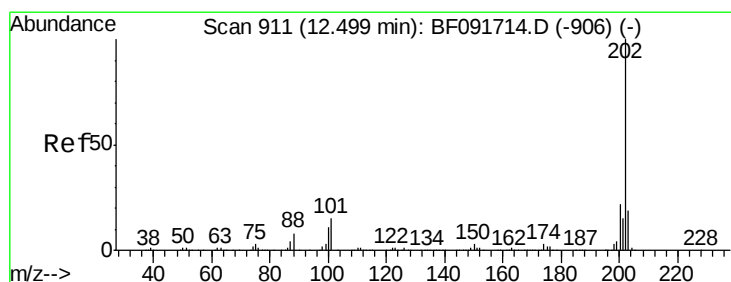
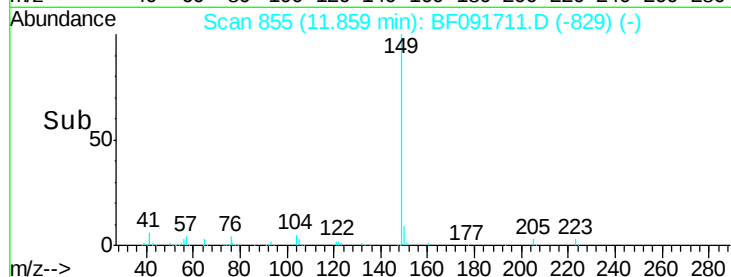
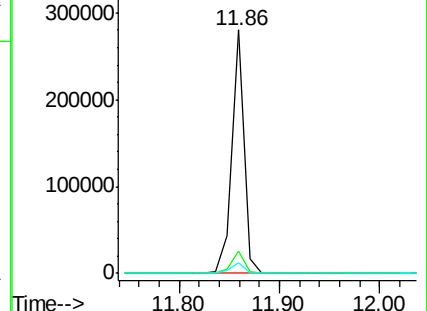
104 4.6 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 3.63 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

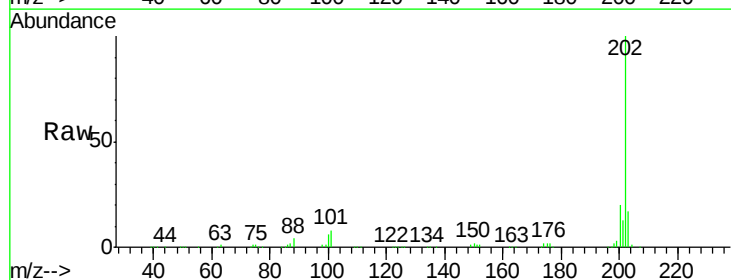
Tgt Ion:202 Resp: 203751

Ion Ratio Lower Upper

202 100

101 8.0 0.0 34.6

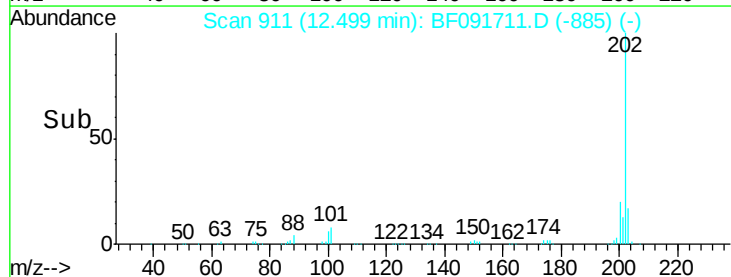
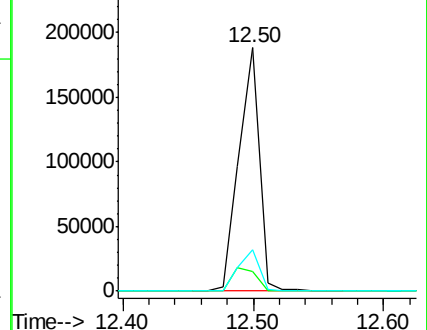
203 16.8 0.0 38.7

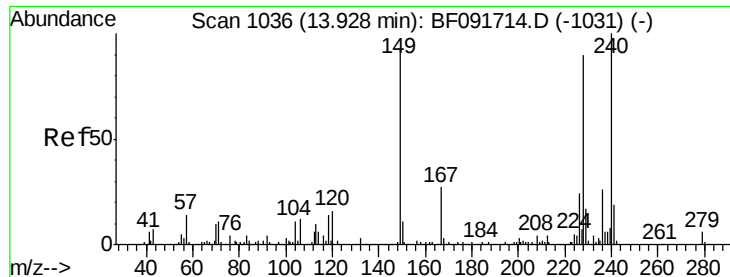


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

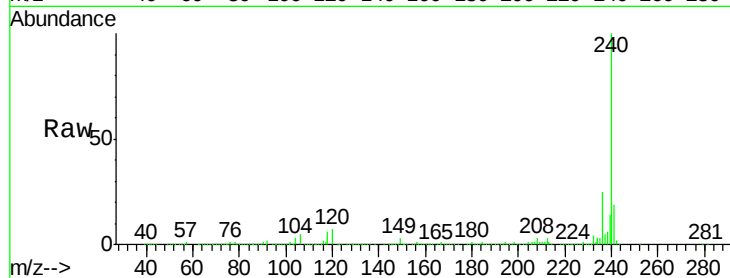
Tgt Ion:240 Resp: 1049145

Ion Ratio Lower Upper

240 100

120 7.2 12.9 19.3#

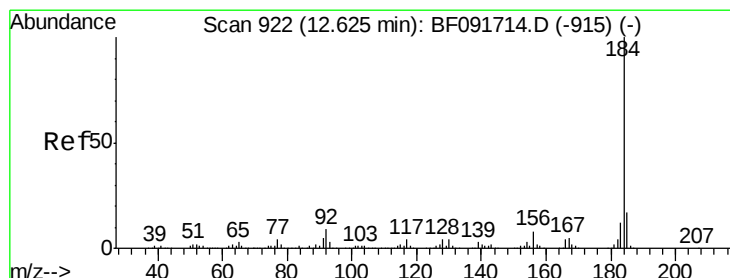
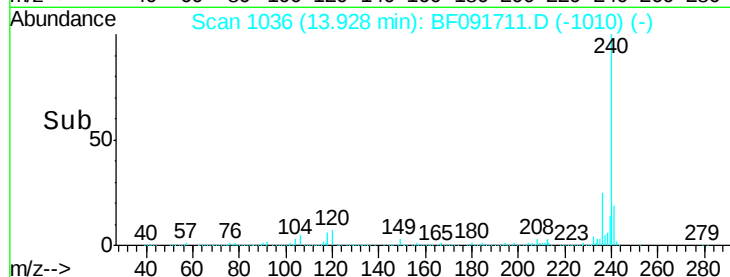
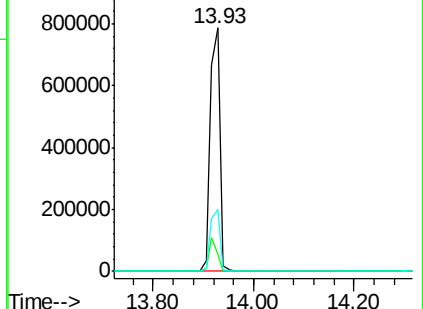
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.60 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

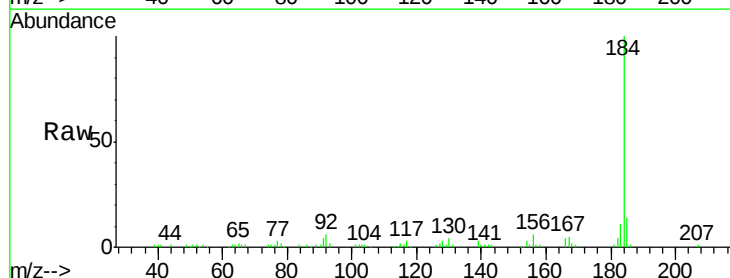
Tgt Ion:184 Resp: 84390

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

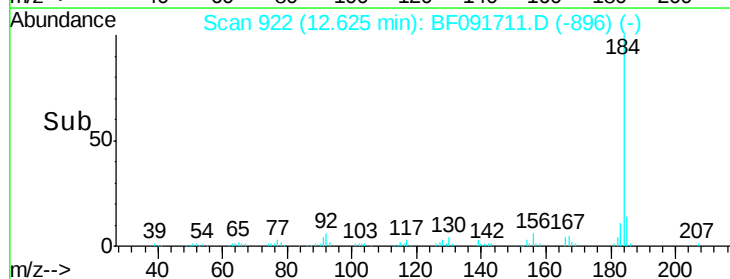
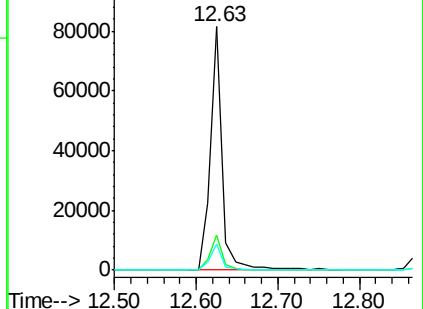
183 10.9 9.2 13.8

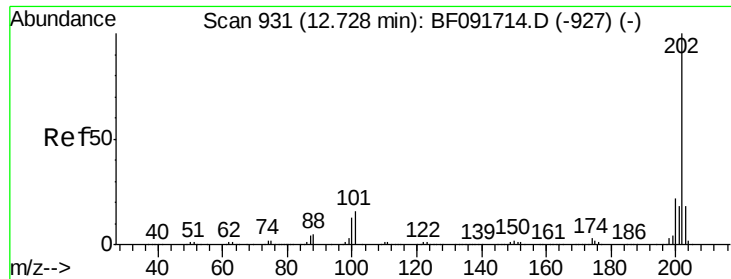


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

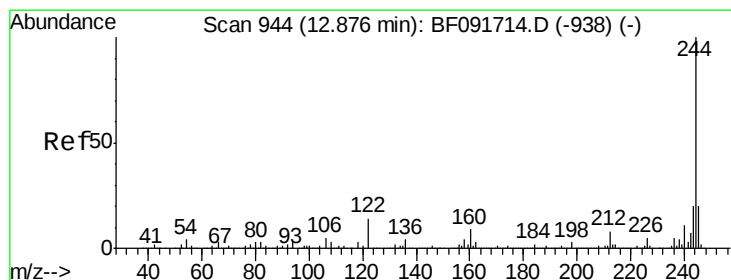
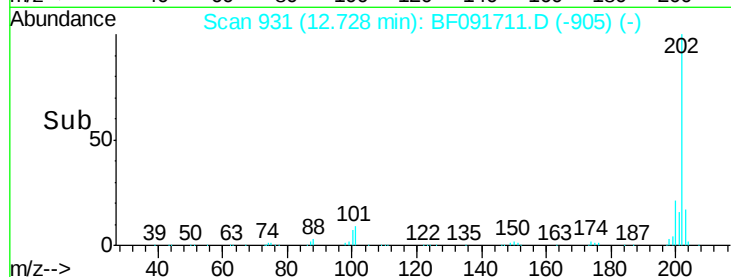
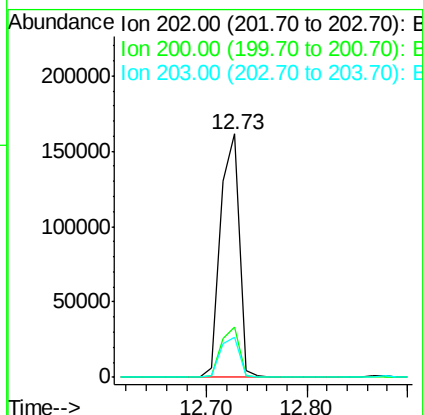
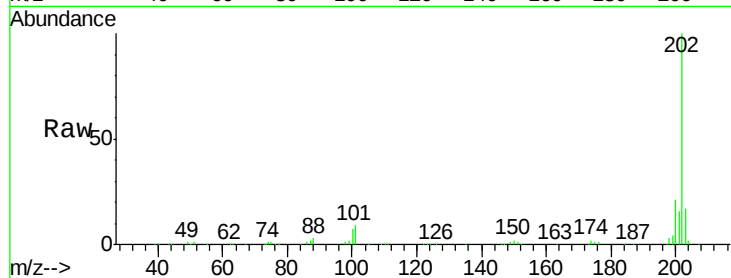




#77
 Pyrene
 Concen: 2.55 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

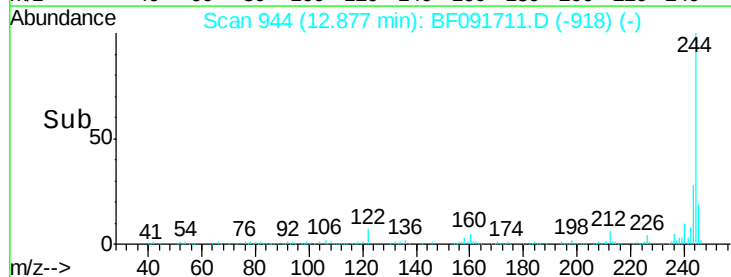
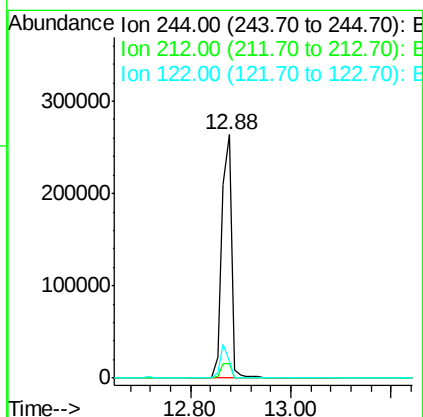
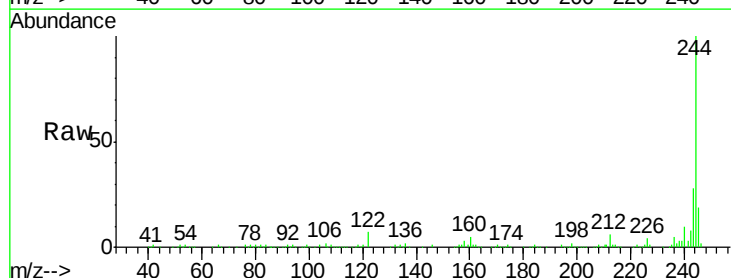
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

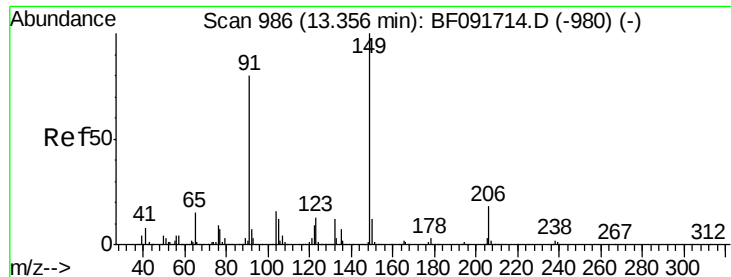
Tgt Ion: 202 Resp: 209313
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.7 26.5
 203 16.6 14.7 22.1



#78
 Terphenyl-d14
 Concen: 7.75 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion: 244 Resp: 356193
 Ion Ratio Lower Upper
 244 100
 212 5.7 6.2 9.2#
 122 6.9 11.4 17.2#

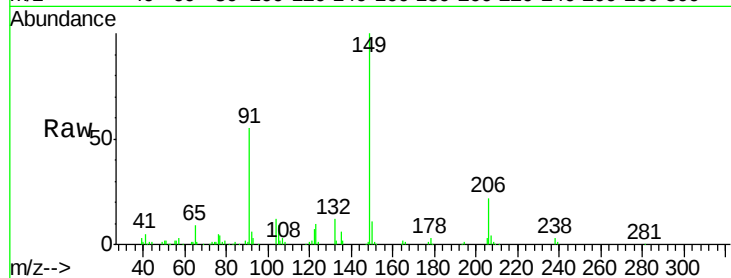




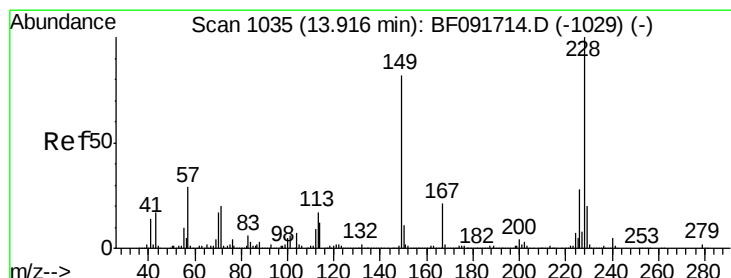
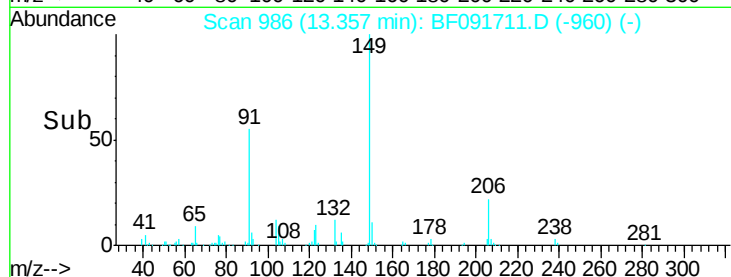
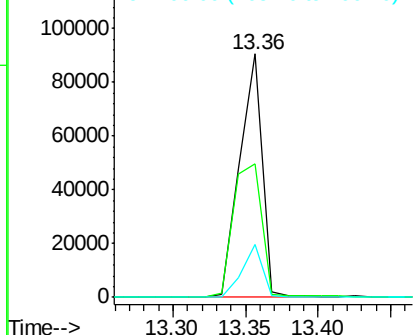
#79
Butylbenzylphthalate
Concen: 2.96 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tgt Ion:149 Resp: 98149
Ion Ratio Lower Upper
149 100
91 54.9 63.9 95.9#
206 21.7 14.6 21.8

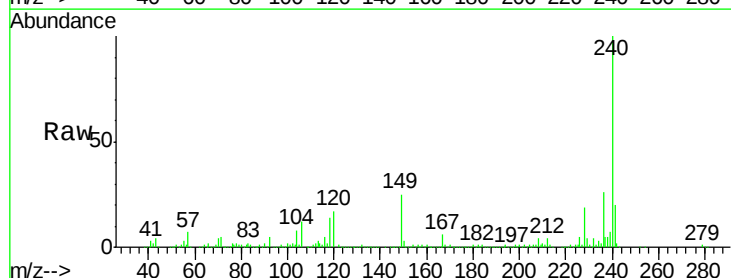


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

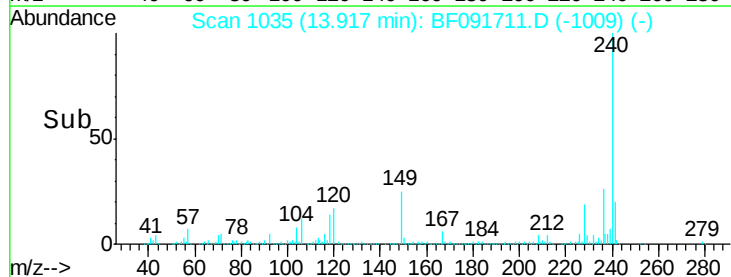
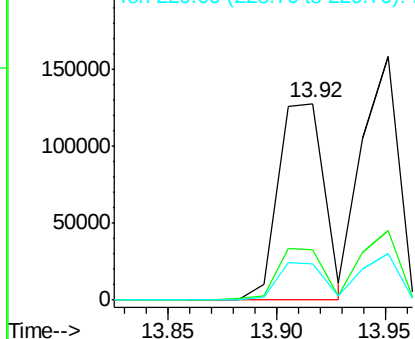


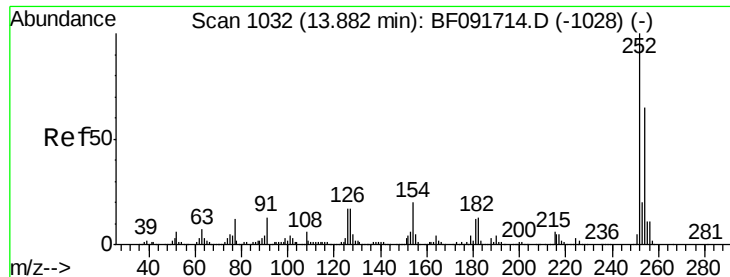
#80
Benzo(a)anthracene
Concen: 3.07 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091711.D
Acq: 17 Dec 2016 13:24

Tgt Ion:228 Resp: 188968
Ion Ratio Lower Upper
228 100
226 25.7 22.4 33.6
229 18.5 16.2 24.4



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

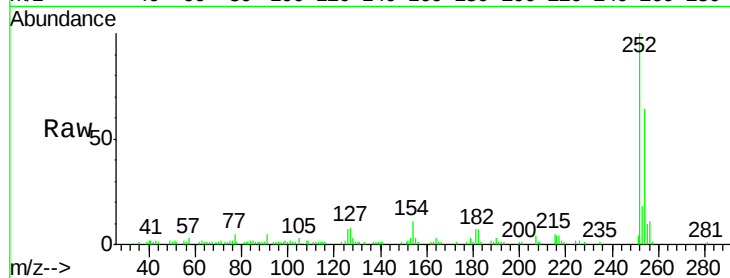




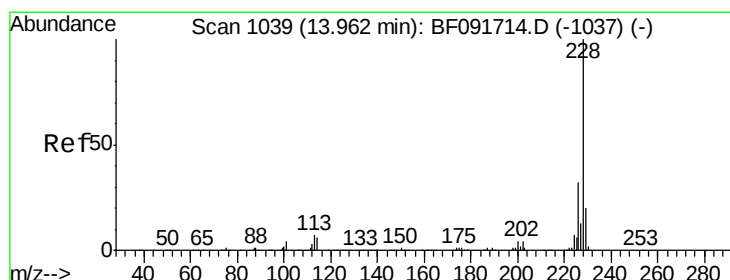
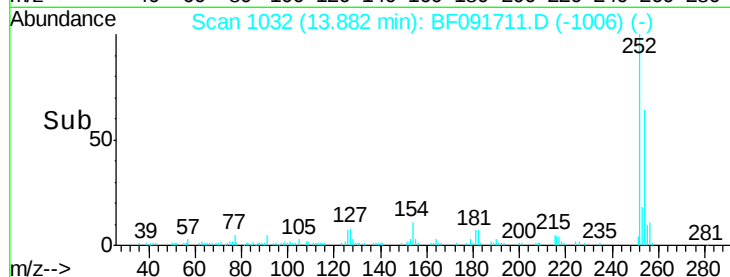
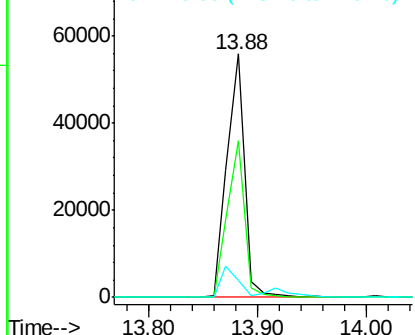
#81
 3,3'-Dichlorobenzidine
 Concen: 2.78 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tgt Ion:252 Resp: 62737
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.3 78.5
 126 7.1 13.6 20.4#

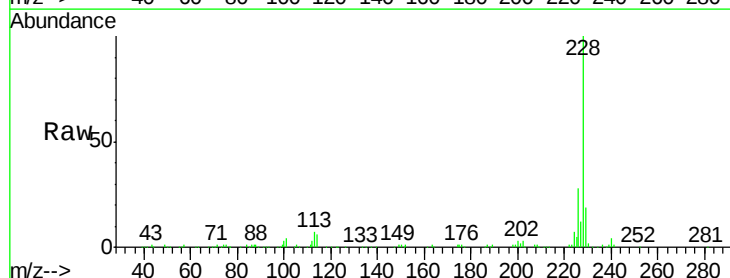


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

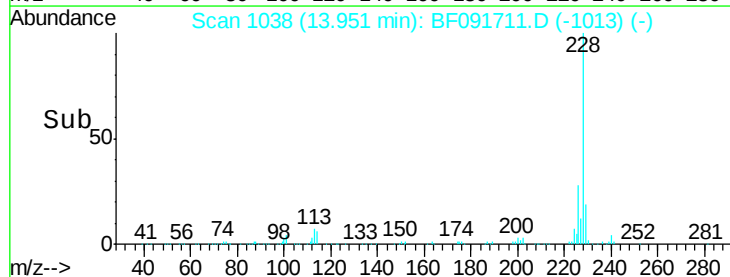
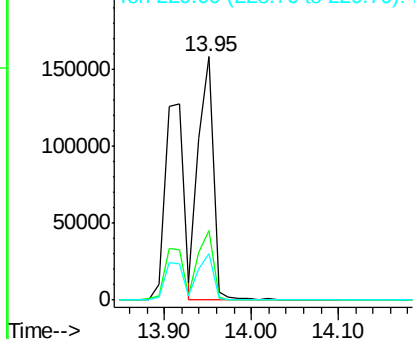


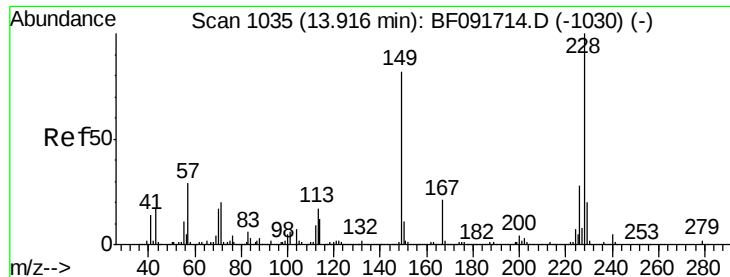
#82
 Chrysene
 Concen: 2.95 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:228 Resp: 189924
 Ion Ratio Lower Upper
 228 100
 226 28.4 25.4 38.0
 229 19.1 16.2 24.2



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

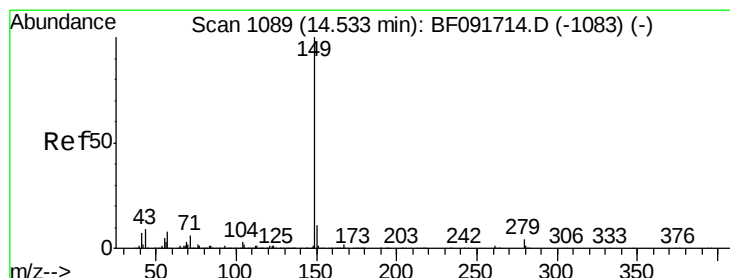
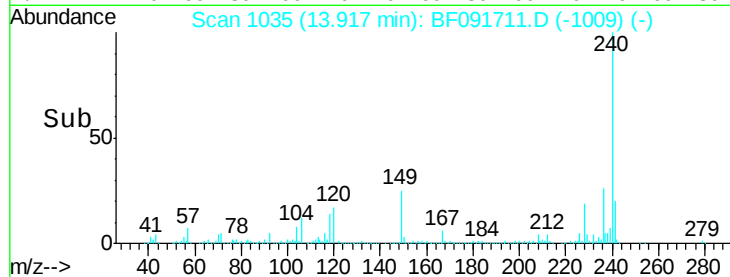
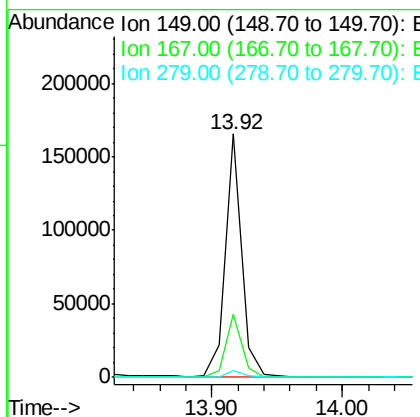
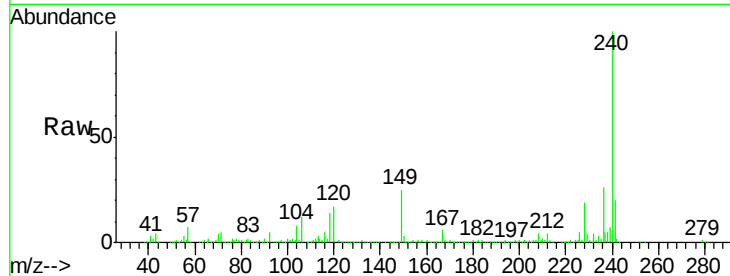




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.44 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

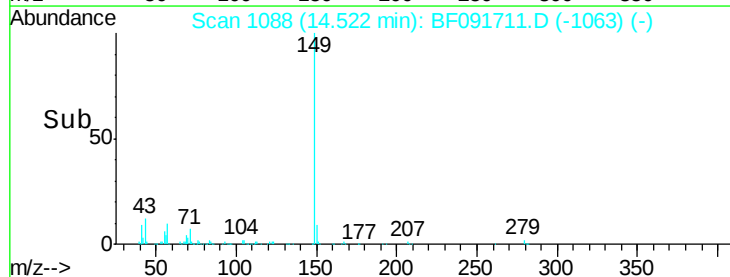
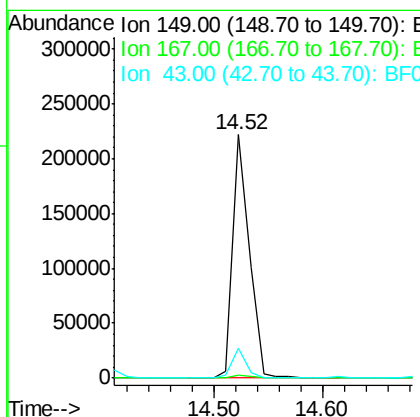
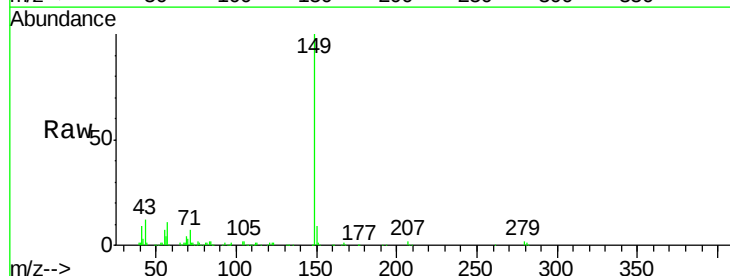
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

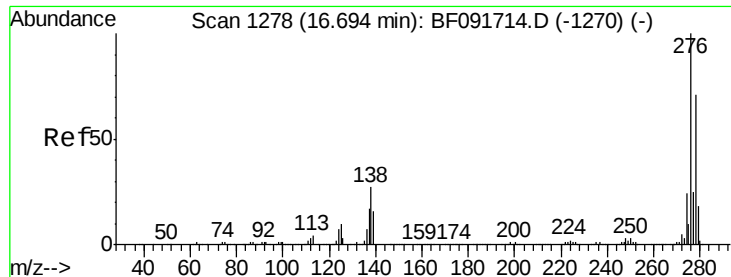
Tgt Ion:149 Resp: 144654
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.2 30.4
 279 2.6 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 3.14 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion:149 Resp: 229132
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.2 8.9 13.3

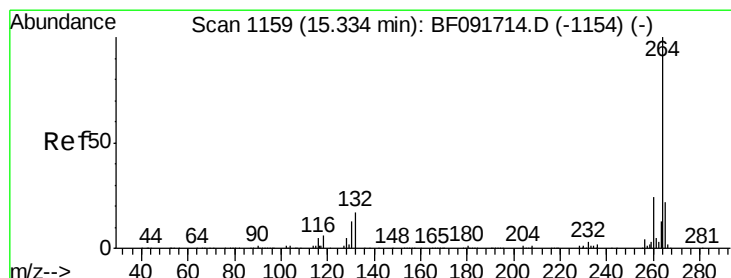
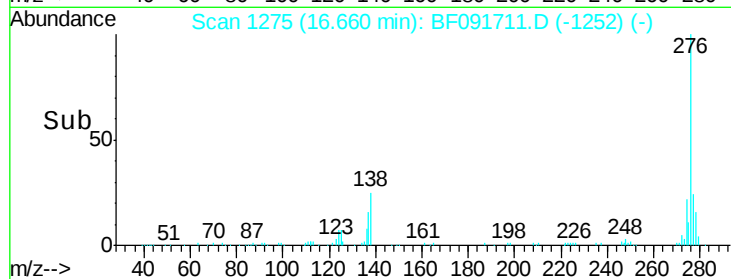
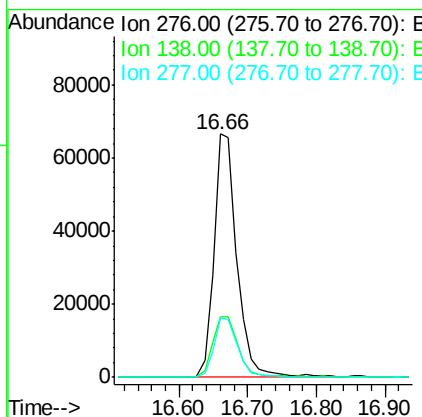
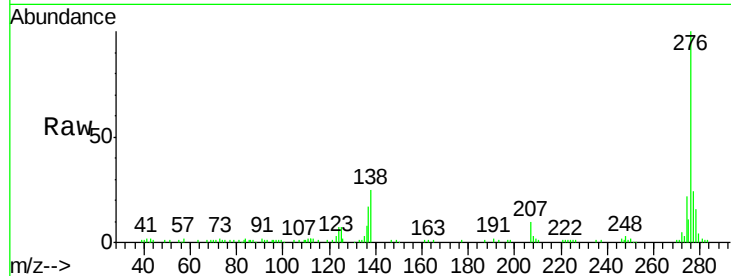




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.66 ng
 RT: 16.66 min Scan# 1275
 Delta R.T. -0.03 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

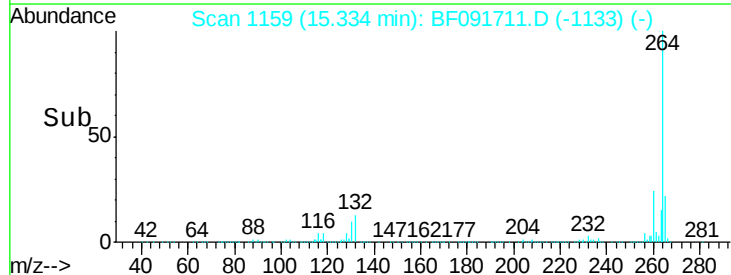
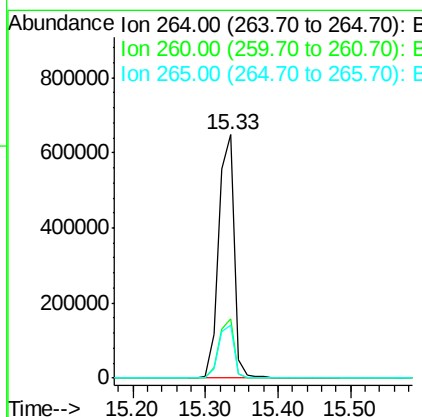
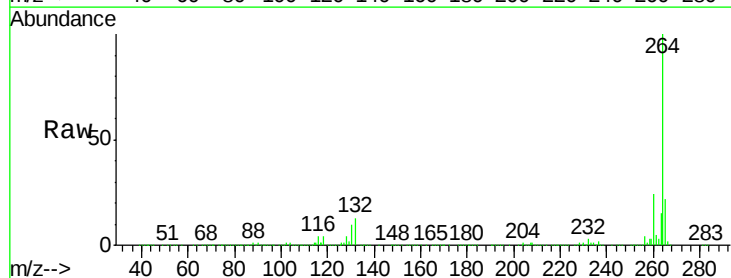
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

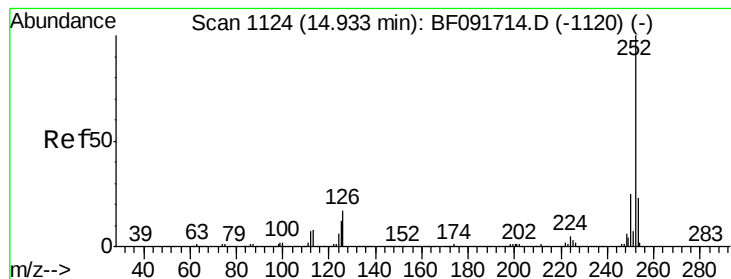
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF091711.D
 Acq: 17 Dec 2016 13:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 5.75 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

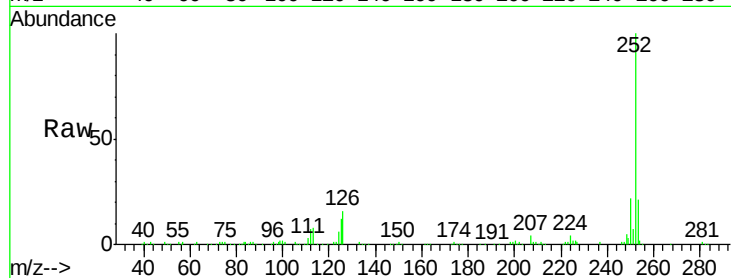
Tgt Ion:252 Resp: 339529

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.4

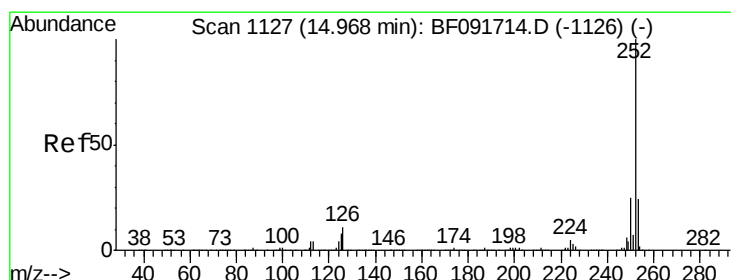
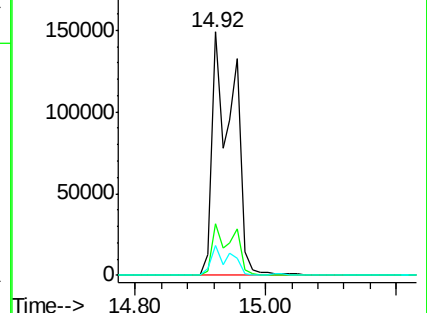
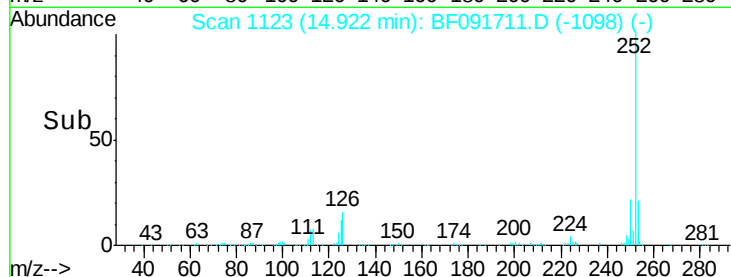
125 12.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 6.84 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

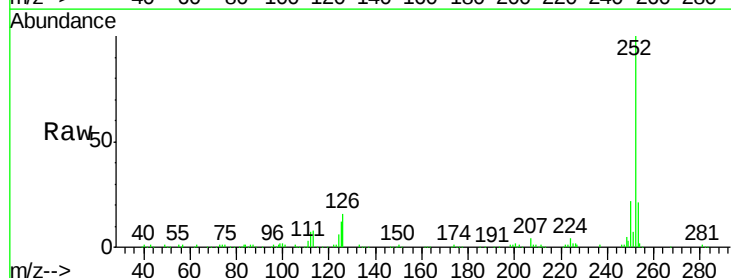
Tgt Ion:252 Resp: 339529

Ion Ratio Lower Upper

252 100

253 21.4 18.5 27.7

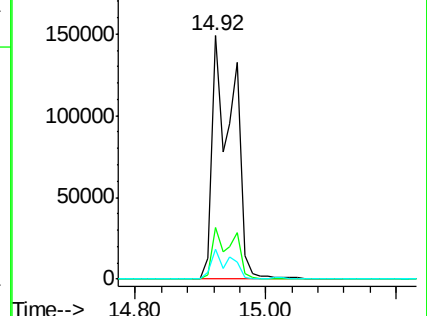
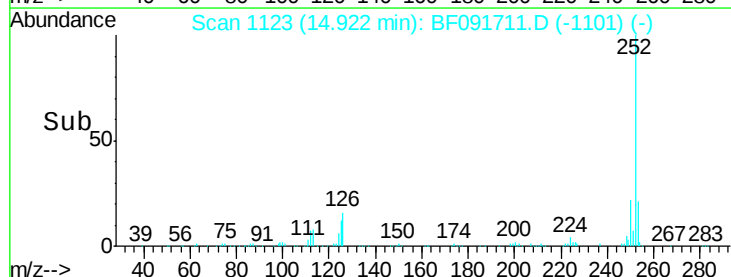
125 12.3 8.9 13.3

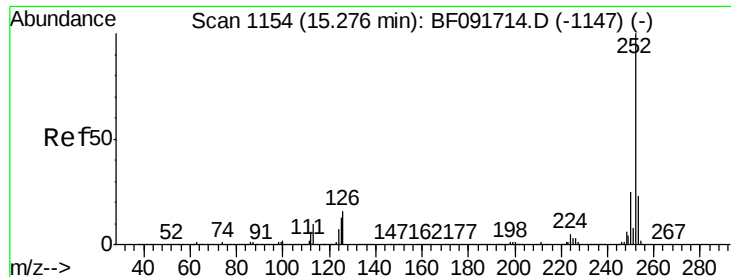


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.02 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

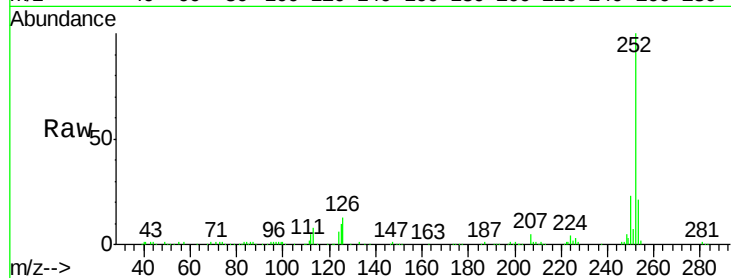
Tgt Ion:252 Resp: 157235

Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.2

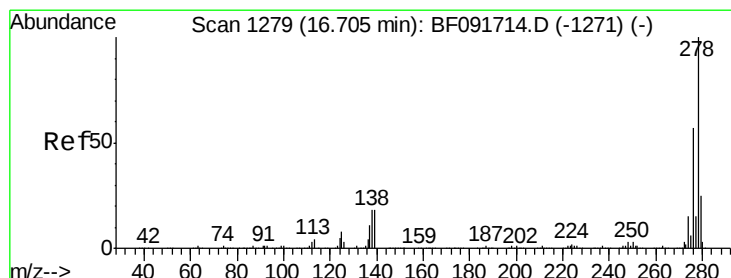
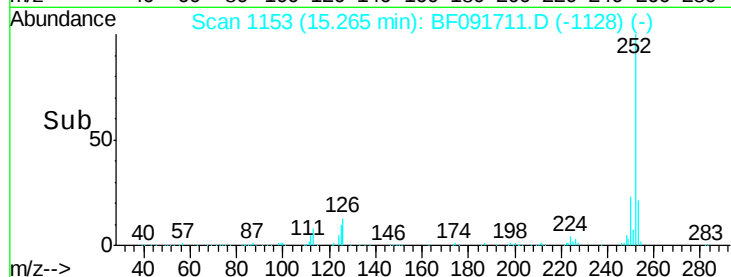
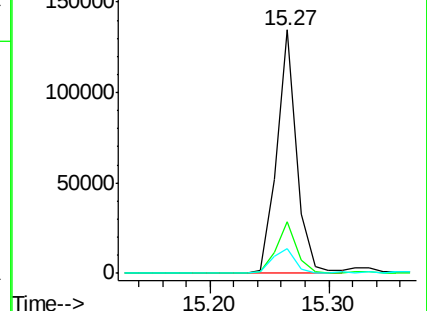
125 10.4 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.91 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

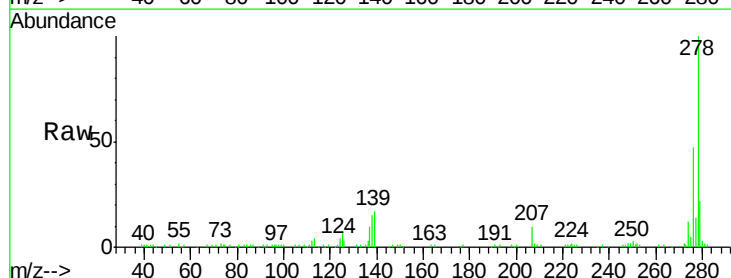
Tgt Ion:278 Resp: 135791

Ion Ratio Lower Upper

278 100

139 16.7 14.8 22.2

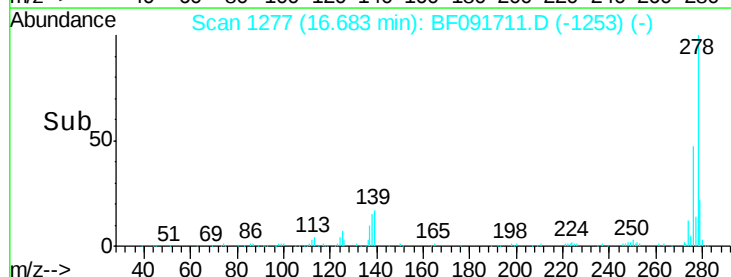
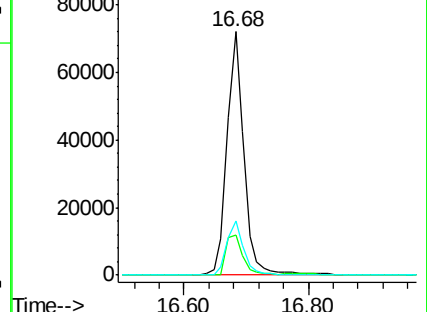
279 22.3 19.8 29.6

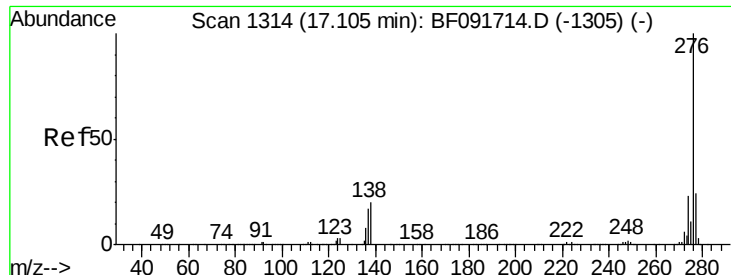


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.80 ng

RT: 17.07 min Scan# 1311

Delta R.T. -0.03 min

Lab File: BF091711.D

Acq: 17 Dec 2016 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

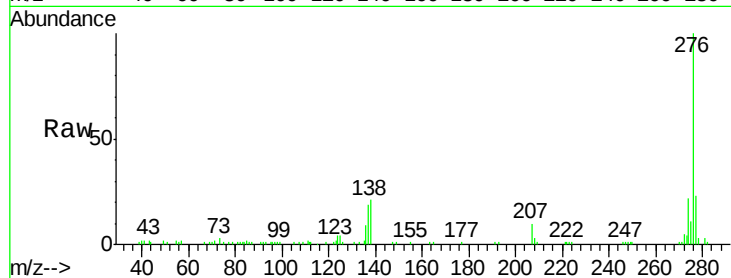
Tgt Ion:276 Resp: 134005

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 20.7 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

