

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091901.D
 Acq On : 23 Dec 2016 3:03
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 23 04:20:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	244166	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1008542	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	481034	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	677928	20.00	ng	0.00
75) Chrysene-d12	13.91	240	454864	20.00	ng	0.00
86) Perylene-d12	15.30	264	418054	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1205303	82.42	ng	0.05
7) Phenol-d6	6.44	99	1417192	79.38	ng	0.03
23) Nitrobenzene-d5	7.32	82	1246281	68.71	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	225532	56.65	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1963762	83.40	ng	0.00
78) Terphenyl-d14	12.85	244	1370458	73.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	296927	41.24	ng	97
3) Pyridine	2.97	79	1055504	42.01	ng	99
4) n-Nitrosodimethylamine	2.94	42	402422	42.46	ng	99
6) Aniline	6.42	93	952973	41.10	ng	# 45
8) 2-Chlorophenol	6.56	128	655615	39.41	ng	96
9) Benzaldehyde	6.29	77	420470	42.05	ng	95
10) Phenol	6.45	94	772564	37.97	ng	80
11) bis(2-Chloroethyl)ether	6.50	93	667617	41.24	ng	91
12) 1,3-Dichlorobenzene	6.77	146	731250	41.18	ng	97
13) 1,4-Dichlorobenzene	6.77	146	731250	40.46	ng	94
14) 1,2-Dichlorobenzene	6.92	146	596464	38.03	ng	98
15) Benzyl Alcohol	6.91	79	514794	37.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	950649	39.44	ng	92
17) 2-Methylphenol	7.06	107	516951	38.64	ng	94
18) Hexachloroethane	7.26	117	259974	38.80	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	484777	40.81	ng	99
20) 3+4-Methylphenols	7.21	107	699705	43.85	ng	# 74
22) Acetophenone	7.17	105	982552	39.50	ng	# 86
24) Nitrobenzene	7.34	77	759962	39.34	ng	90
25) Isophorone	7.58	82	1263402	37.76	ng	98
26) 2-Nitrophenol	7.65	139	264939	27.81	ng	96
27) 2,4-Dimethylphenol	7.72	122	522492	33.07	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	740415	36.49	ng	98
29) 2,4-Dichlorophenol	7.92	162	466680	34.88	ng	87
30) 1,2,4-Trichlorobenzene	7.98	180	569407	38.84	ng	97
31) Naphthalene	8.06	128	1858050	40.25	ng	99
32) Benzoic acid	7.85	122	154600	13.19	ng	89
33) 4-Chloroaniline	8.12	127	750224	36.05	ng	99
34) Hexachlorobutadiene	8.18	225	312665	40.40	ng	99
35) Caprolactam	8.50	113	154240	35.08	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	509403	33.09	ng	# 83
37) 2-Methylnaphthalene	8.75	142	1098972	36.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	526496	43.32	ng	98
40) Hexachlorocyclopentadiene	8.90	237	84901	18.88	ng	95

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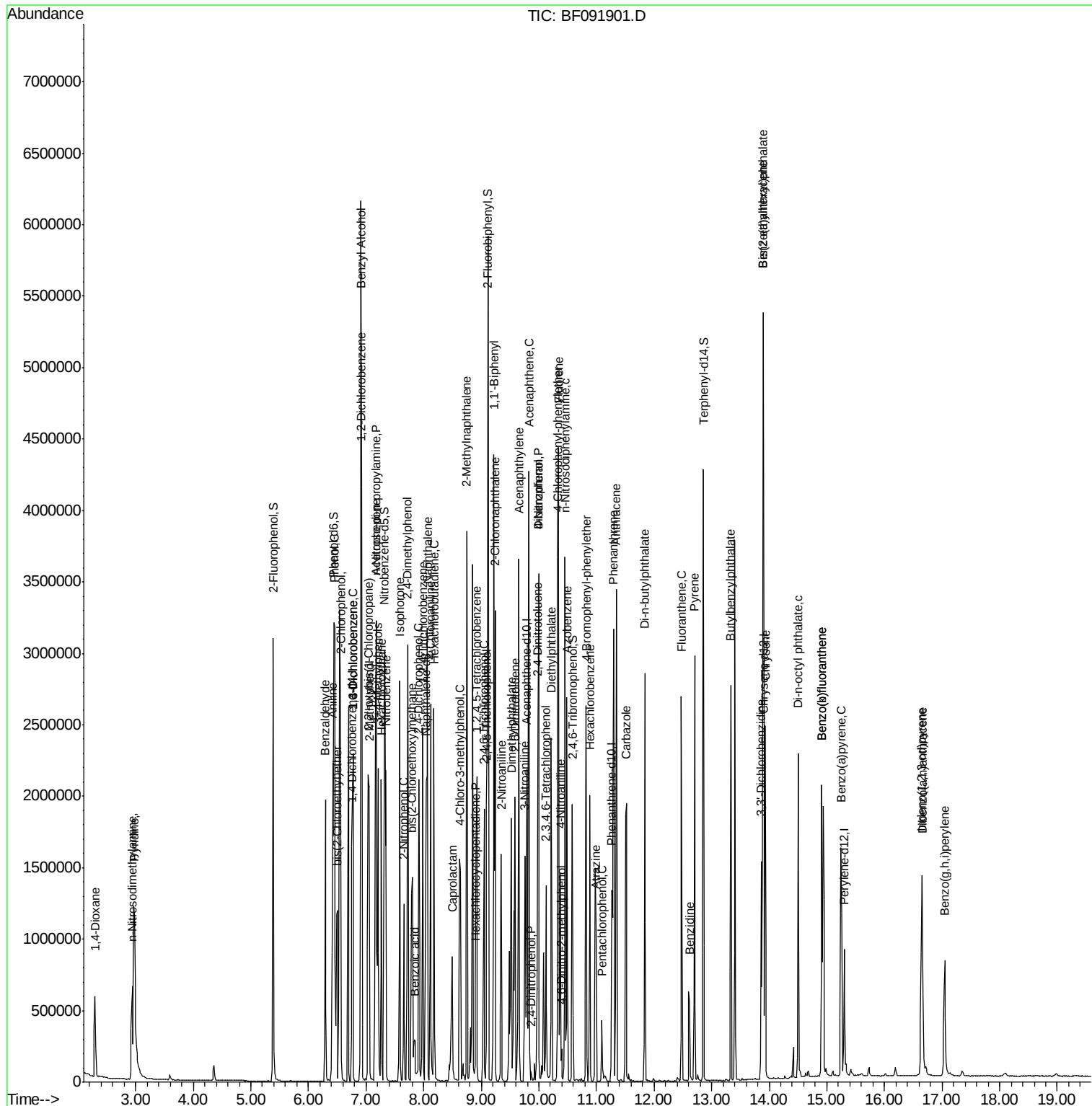
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	308128	36.25	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	269540	30.81	ng	99
45) 1,1'-Biphenyl	9.22	154	1472220	44.70	ng	99
46) 2-Chloronaphthalene	9.24	162	1065283	40.84	ng	98
47) 2-Nitroaniline	9.34	65	305005	32.84	ng	99
48) Acenaphthylene	9.65	152	1602273	39.94	ng	100
49) Dimethylphthalate	9.53	163	1308410	42.53	ng	100
50) 2,6-Dinitrotoluene	9.58	165	238986	35.49	ng	# 76
51) Acenaphthene	9.82	154	1003876	36.91	ng	100
52) 3-Nitroaniline	9.76	138	278054	33.37	ng	96
53) 2,4-Dinitrophenol	9.86	184	11774	3.14	ng	# 47
54) Dibenzofuran	10.00	168	1339623	36.47	ng	99
55) 4-Nitrophenol	10.00	139	666542	117.80	ng	# 6
56) 2,4-Dinitrotoluene	9.98	165	269614	31.90	ng	91
57) Fluorene	10.34	166	1079605	40.40	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	196989	28.47	ng	99
59) Diethylphthalate	10.21	149	1146980	38.39	ng	100
60) 4-Chlorophenyl-phenylether	10.33	204	470230	40.19	ng	97
61) 4-Nitroaniline	10.37	138	295551	34.22	ng	99
62) Azobenzene	10.49	77	1198735	36.44	ng	100
64) 4,6-Dinitro-2-methylphenol	10.40	198	36464	8.89	ng	83
65) n-Nitrosodiphenylamine	10.45	169	892119	44.35	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	303843	43.09	ng	99
67) Hexachlorobenzene	10.89	284	326887	43.37	ng	99
68) Atrazine	10.99	200	257497	39.68	ng	94
69) Pentachlorophenol	11.09	266	74361	20.11	ng	99
70) Phenanthrene	11.30	178	1483037	40.34	ng	99
71) Anthracene	11.34	178	1323182	38.72	ng	99
72) Carbazole	11.52	167	1240860	38.52	ng	96
73) Di-n-butylphthalate	11.84	149	1659944	47.92	ng	99
74) Fluoranthene	12.48	202	1229806	37.50	ng	99
76) Benzidine	12.61	184	378667	30.09	ng	99
77) Pyrene	12.71	202	1203164	36.05	ng	99
79) Butylbenzylphthalate	13.33	149	639783	42.15	ng	92
80) Benzo(a)anthracene	13.89	228	961084	37.43	ng	100
81) 3,3'-Dichlorobenzidine	13.86	252	356420	36.61	ng	99
82) Chrysene	13.93	228	925065	35.92	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	842274	47.12	ng	# 99
84) Di-n-octyl phthalate	14.50	149	1373702	41.49	ng	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	823933	36.93	ng	99
87) Benzo(b)fluoranthene	14.91	252	1927952	74.07	ng	98
88) Benzo(k)fluoranthene	14.91	252	1927952	86.87	ng	99
89) Benzo(a)pyrene	15.24	252	909777	39.38	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	708814	37.33	ng	97
91) Benzo(g,h,i)perylene	17.05	276	675952	34.24	ng	98

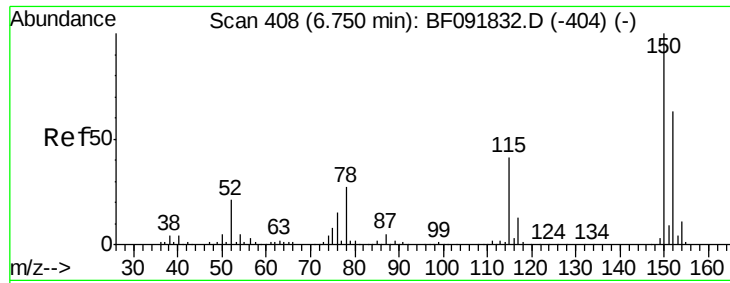
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 23 Dec 2016    3:03  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

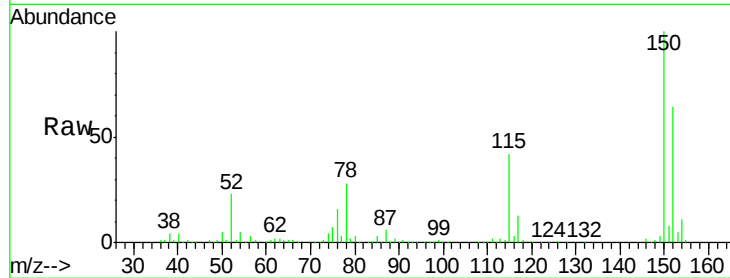
Tgt Ion:152 Resp: 244166

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

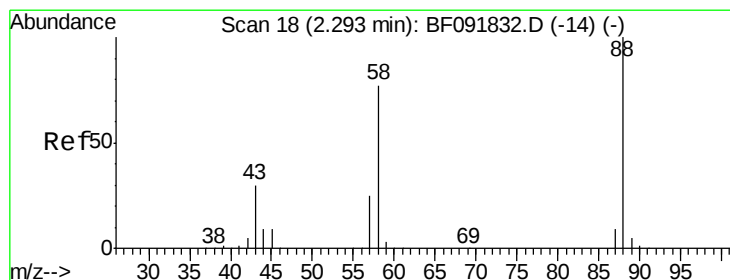
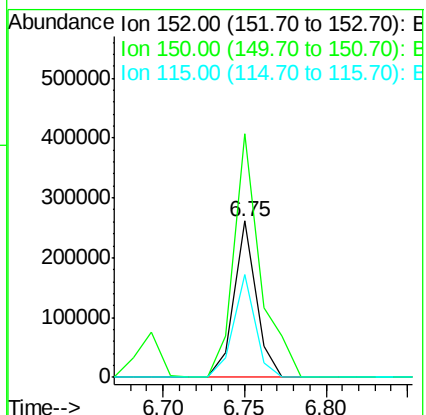
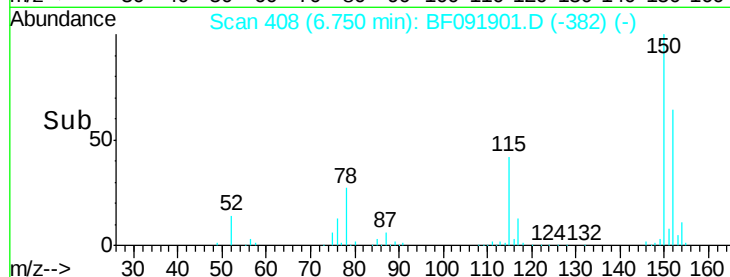
115 65.8 46.0 69.0



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: 41.24 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

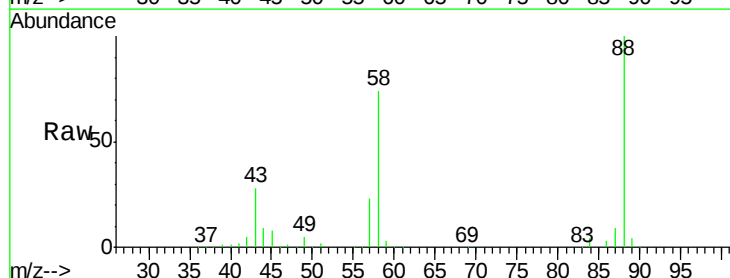
Tgt Ion: 88 Resp: 296927

Ion Ratio Lower Upper

88 100

58 75.0 57.8 86.8

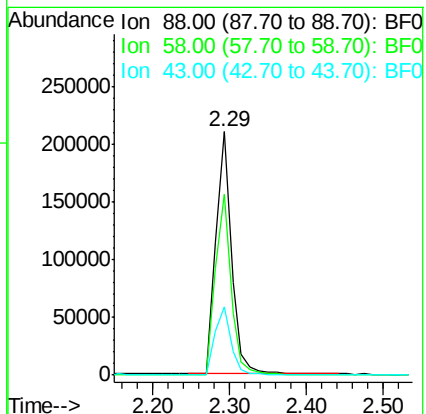
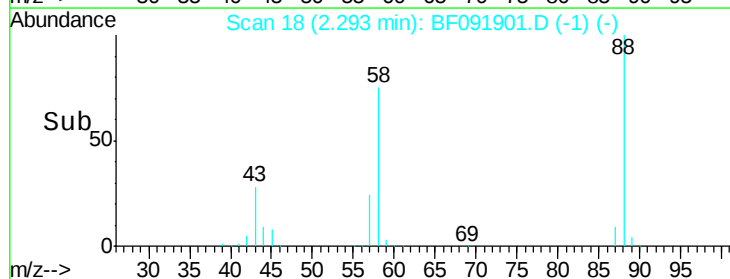
43 29.1 22.3 33.5

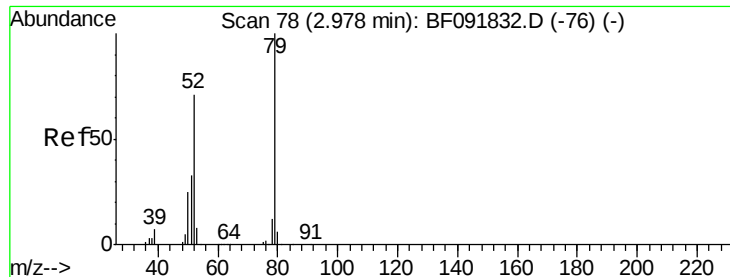


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.01 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

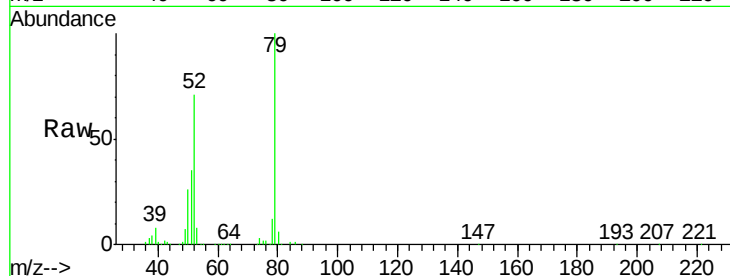
Tgt Ion: 79 Resp: 1055504

Ion Ratio Lower Upper

79 100

52 70.8 57.1 85.7

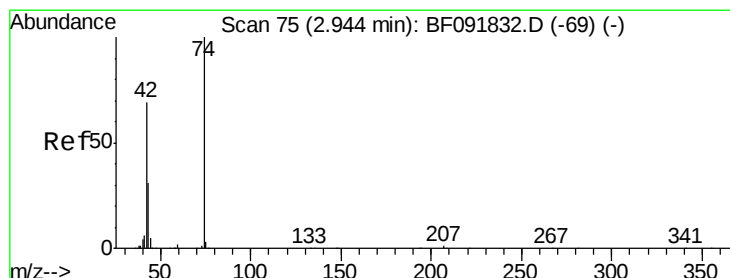
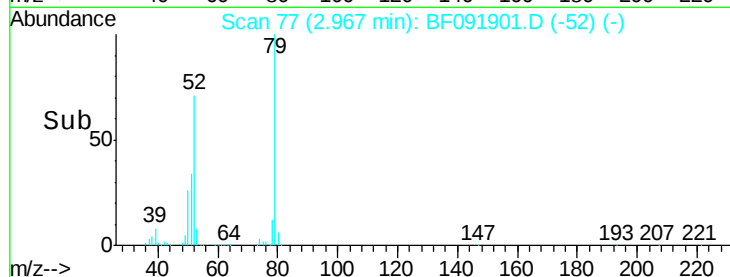
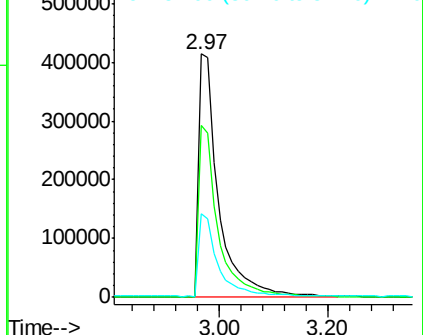
51 34.6 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.46 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

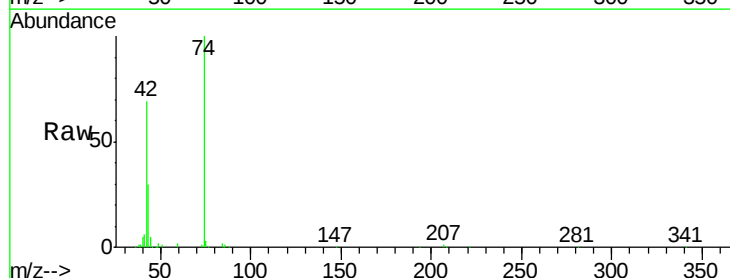
Tgt Ion: 42 Resp: 402422

Ion Ratio Lower Upper

42 100

74 145.1 117.0 175.4

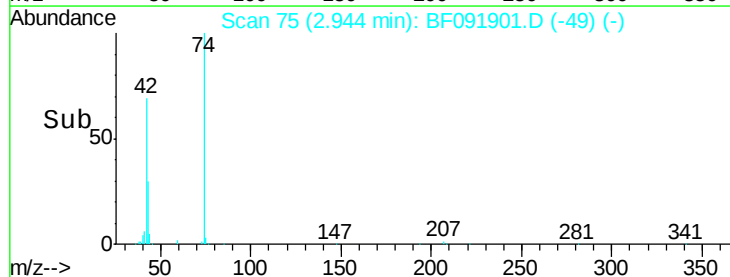
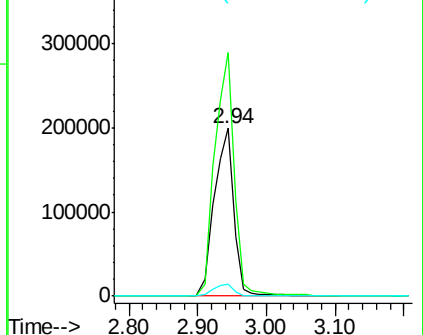
44 7.2 5.5 8.3

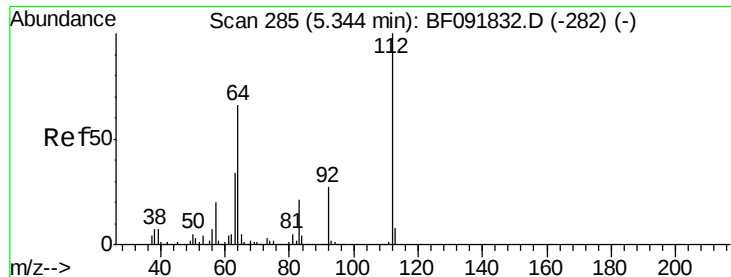


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.42 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

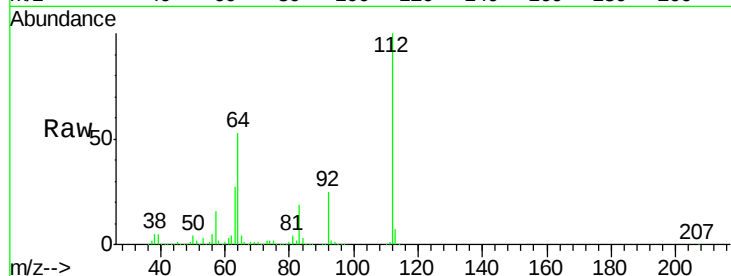
Tgt Ion:112 Resp: 1205303

Ion Ratio Lower Upper

112 100

64 53.3 46.1 69.1

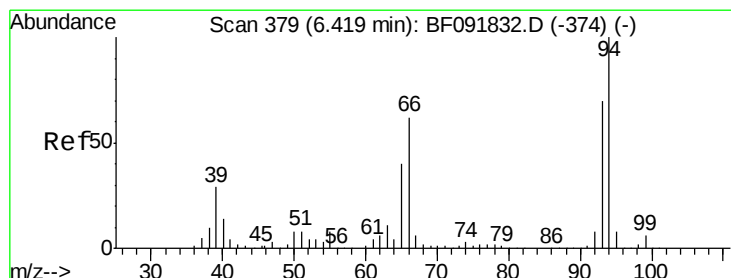
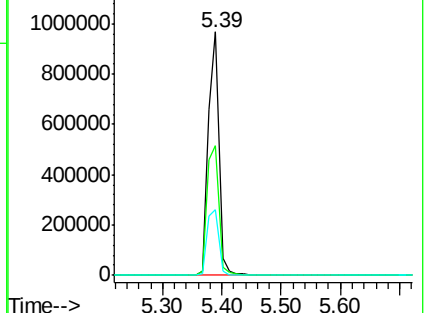
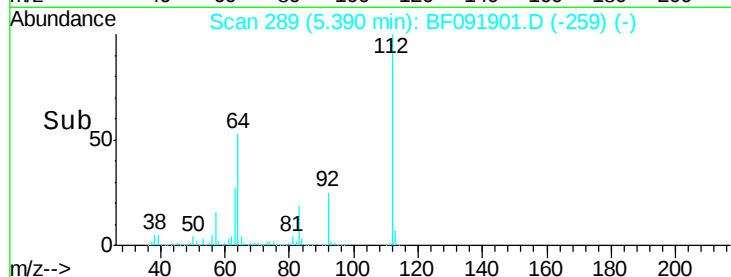
63 27.1 23.8 35.6



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: 41.10 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

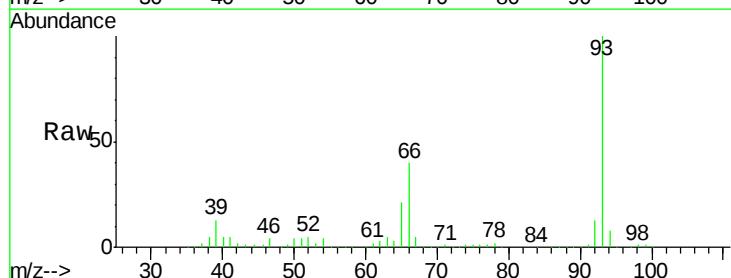
Tgt Ion: 93 Resp: 952973

Ion Ratio Lower Upper

93 100

66 40.4 76.2 114.2#

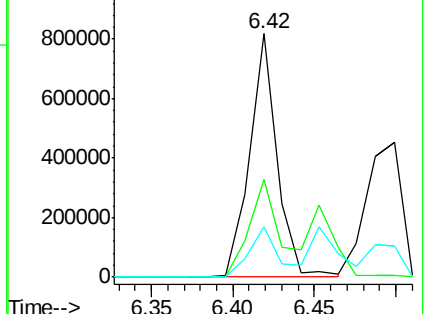
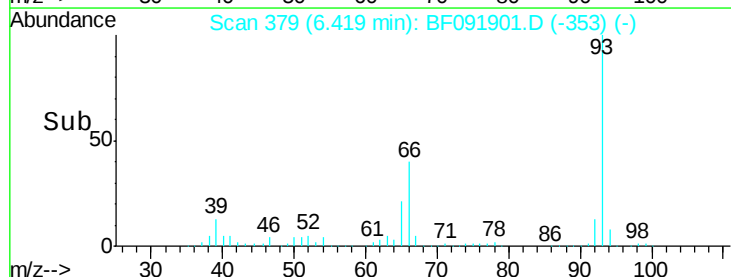
65 20.7 49.3 73.9#

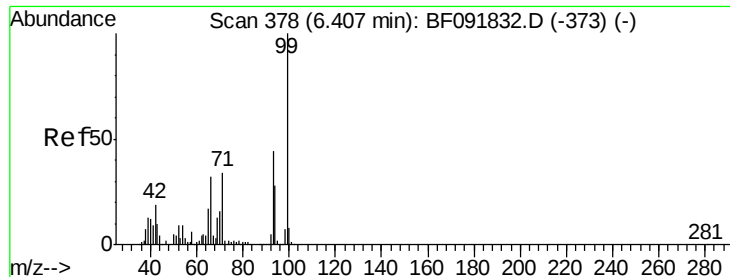


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.38 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

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SSTDCCC040

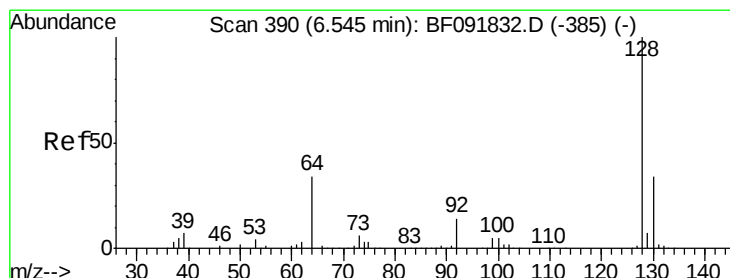
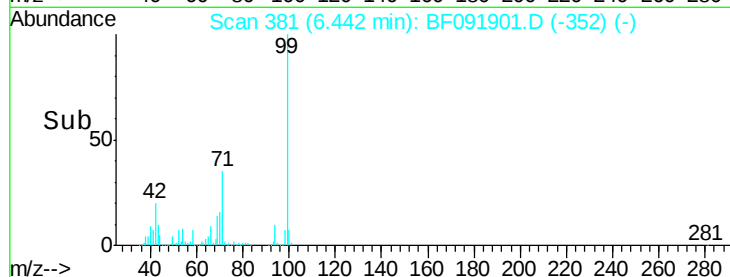
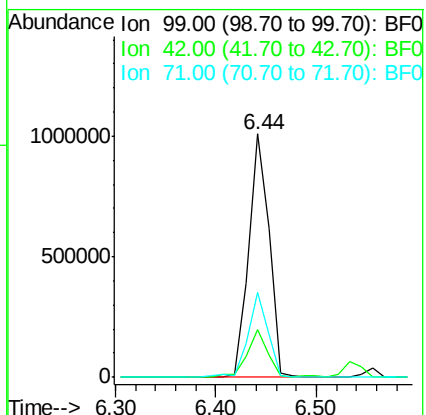
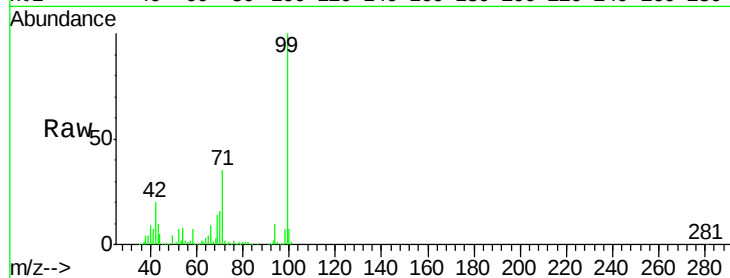
Tgt Ion: 99 Resp: 1417192

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

71 35.0 27.5 41.3



#8

2-Chlorophenol

Concen: 39.41 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

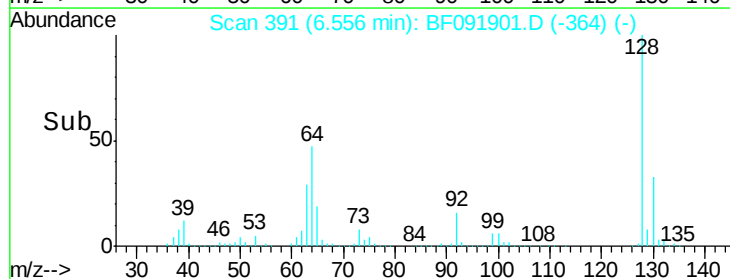
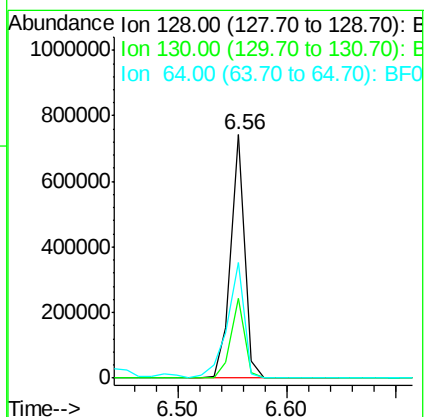
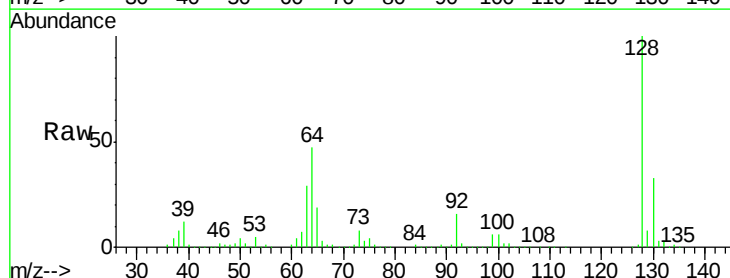
Tgt Ion: 128 Resp: 655615

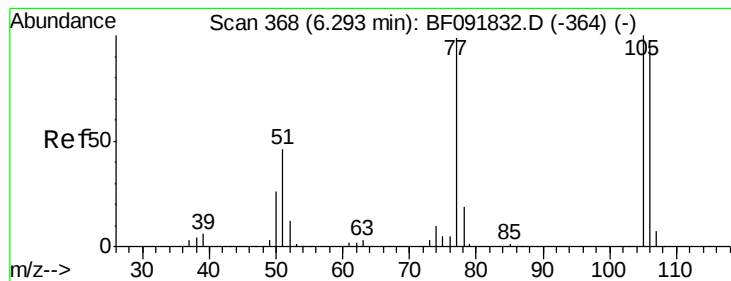
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 47.4 32.2 72.2





#9

Benzaldehyde

Concen: 42.05 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

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SSTDCCC040

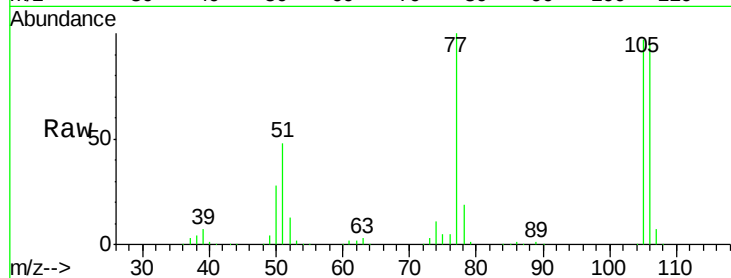
Tgt Ion: 77 Resp: 420470

Ion Ratio Lower Upper

77 100

105 97.3 83.9 123.9

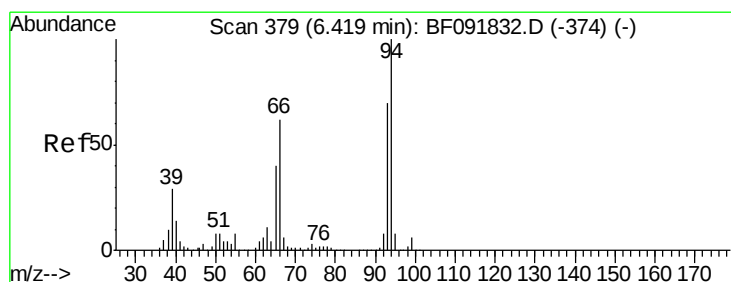
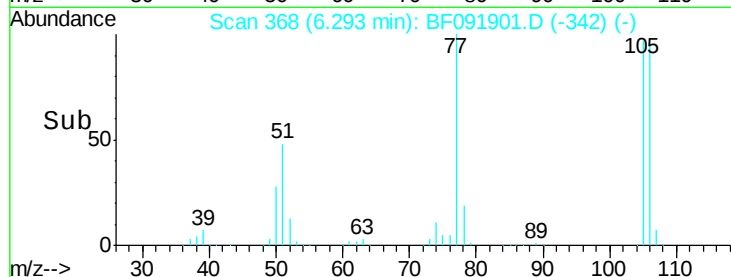
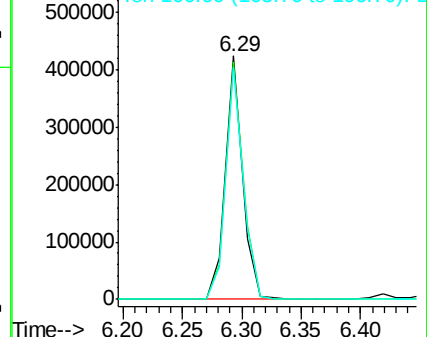
106 95.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.97 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

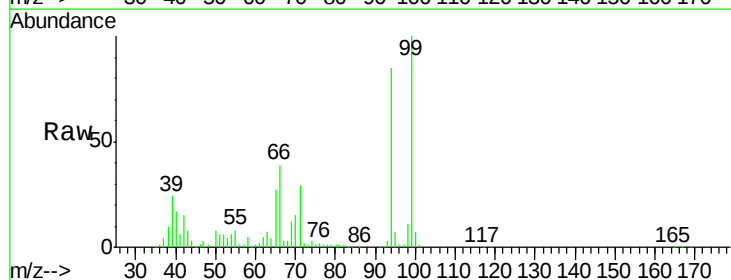
Tgt Ion: 94 Resp: 772564

Ion Ratio Lower Upper

94 100

65 32.2 21.4 61.4

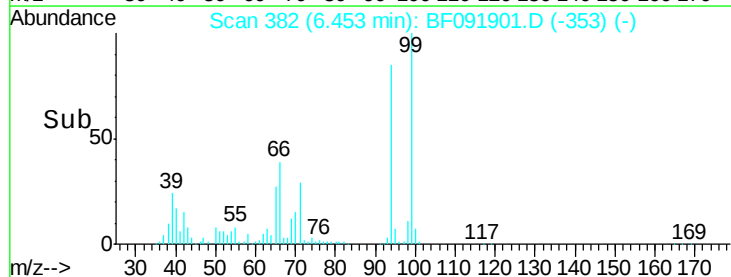
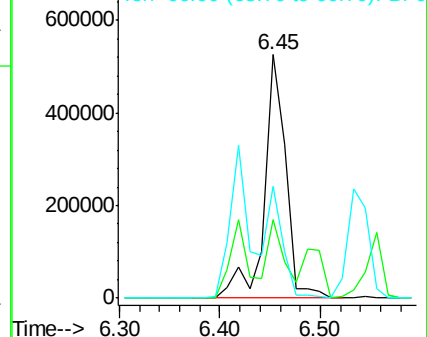
66 46.2 44.0 84.0

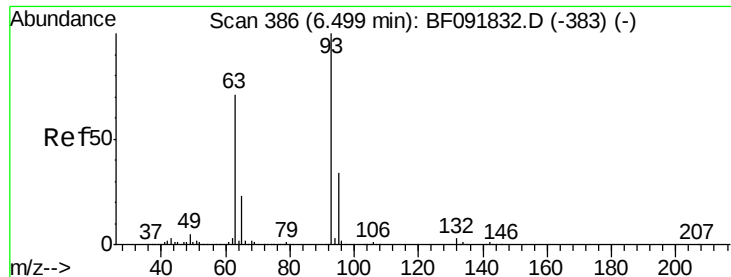


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.24 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

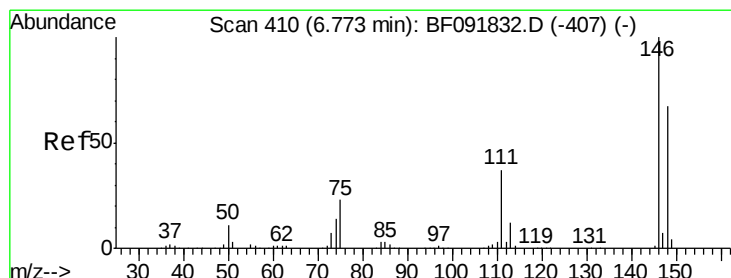
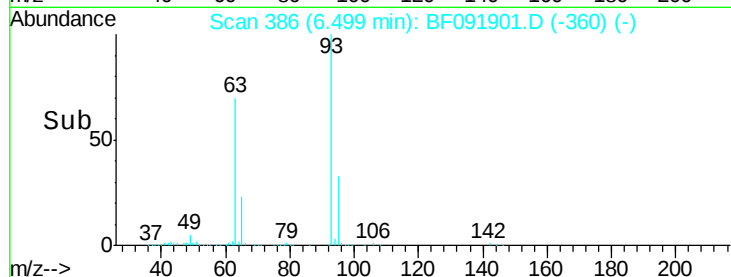
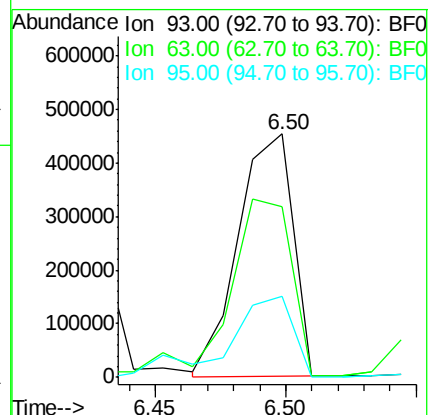
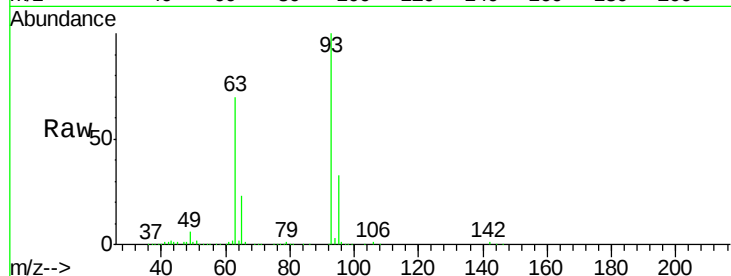
Tgt Ion: 93 Resp: 667617

Ion Ratio Lower Upper

93 100

63 70.1 60.4 100.4

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.18 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.08 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

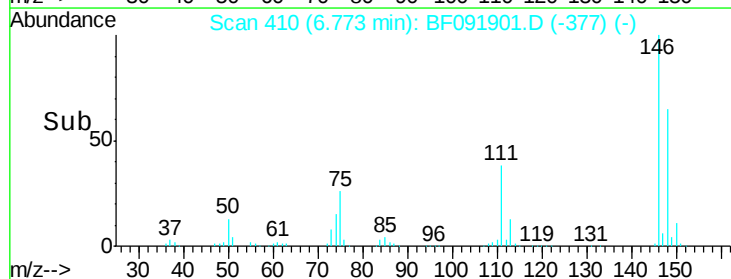
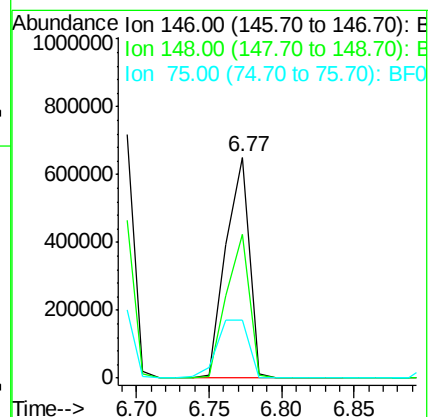
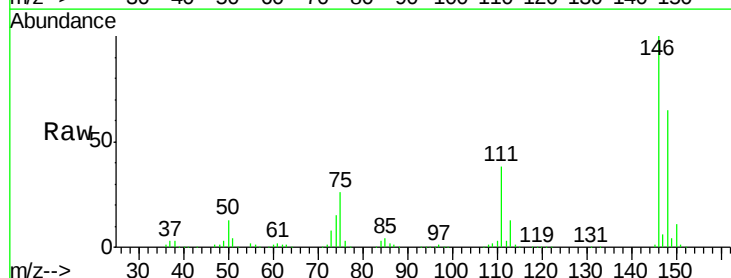
Tgt Ion: 146 Resp: 731250

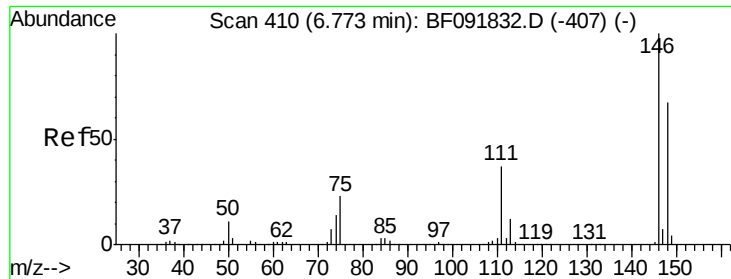
Ion Ratio Lower Upper

146 100

148 65.3 53.4 80.0

75 26.5 18.5 27.7

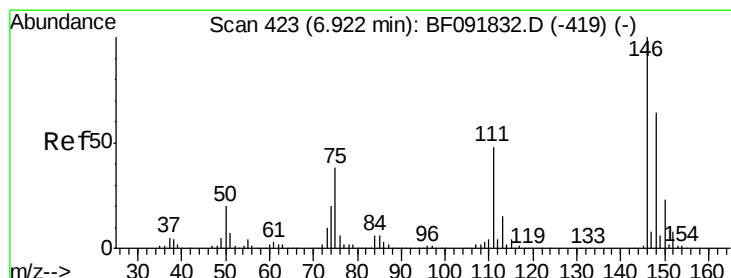
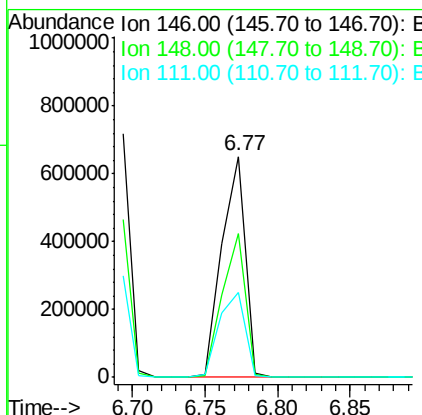
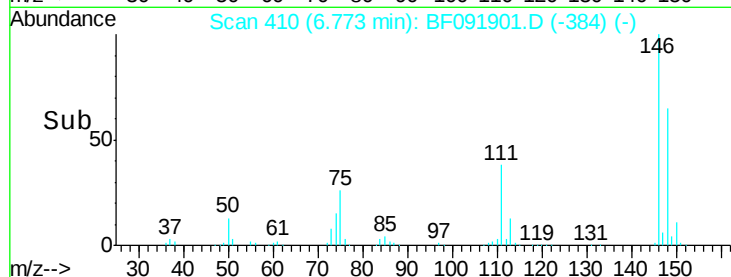
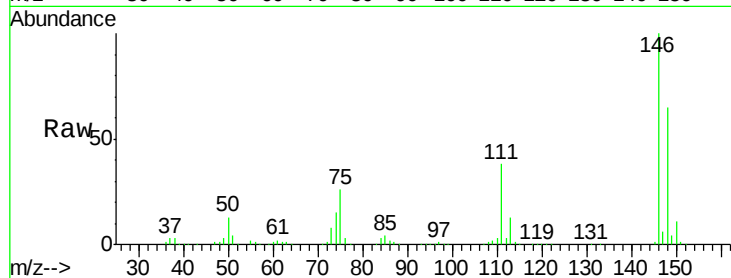




#13
 1,4-Dichlorobenzene
 Concen: 40.46 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

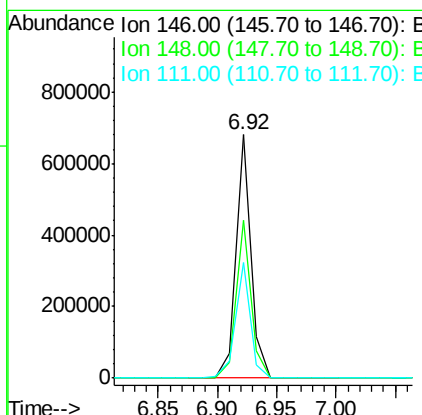
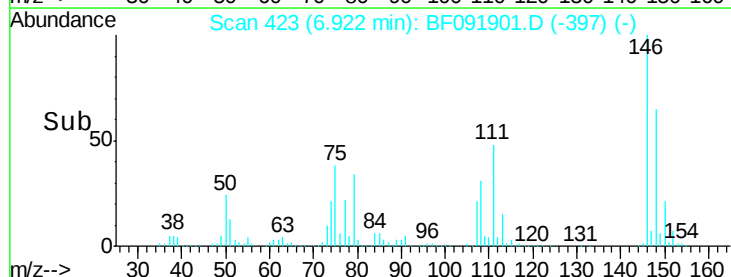
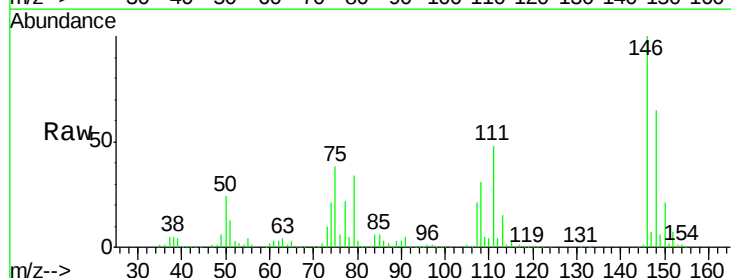
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

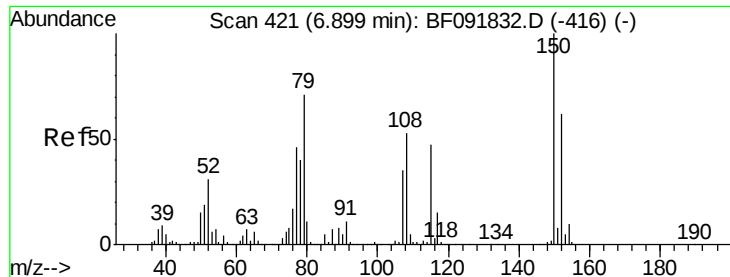
Tgt Ion:146 Resp: 731250
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 76.0
 111 38.4 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 38.03 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:146 Resp: 596464
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 47.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 37.11 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

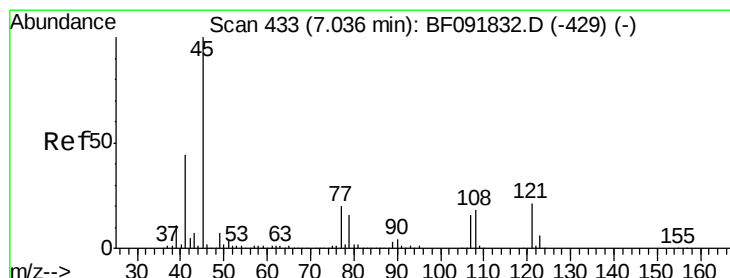
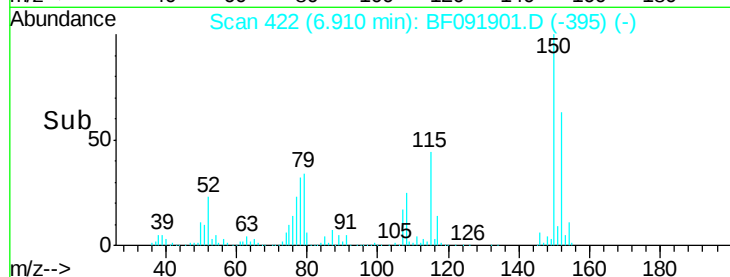
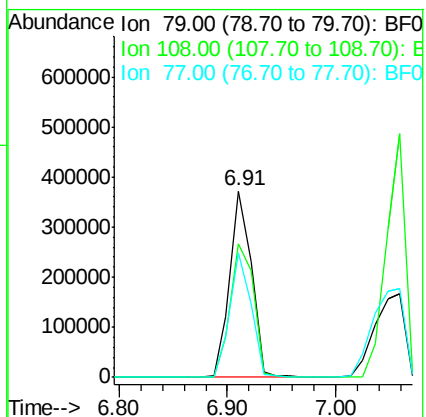
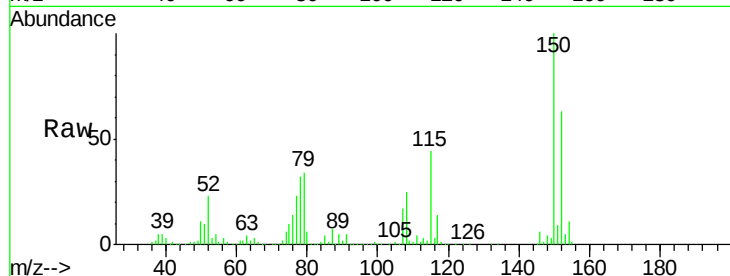
Tgt Ion: 79 Resp: 514794

Ion Ratio Lower Upper

79 100

108 71.9 61.4 92.0

77 66.6 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.44 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

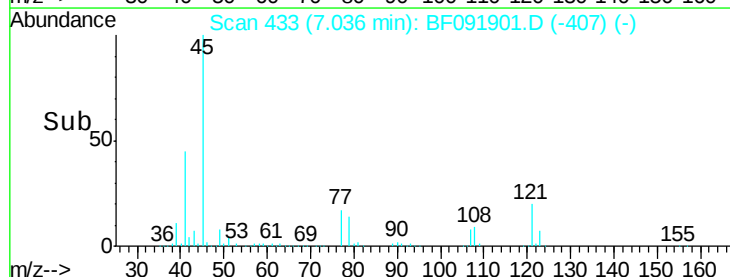
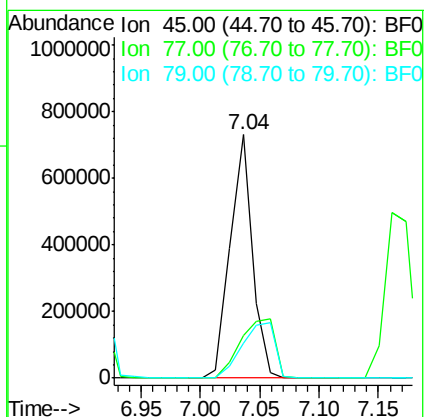
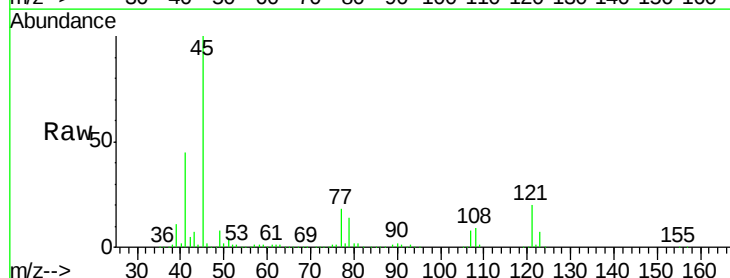
Tgt Ion: 45 Resp: 950649

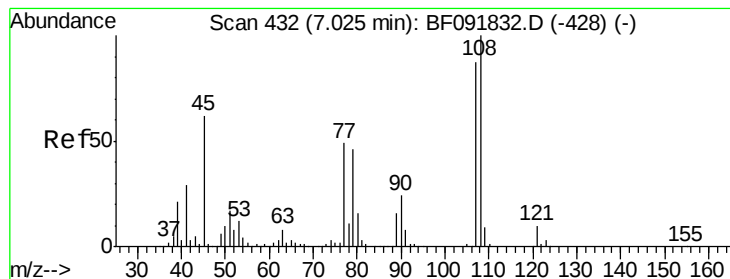
Ion Ratio Lower Upper

45 100

77 17.6 0.0 34.6

79 14.5 0.0 31.2





#17

2-Methylphenol

Concen: 38.64 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.03 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 516951

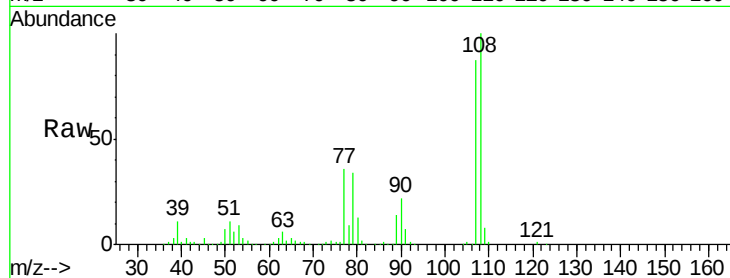
Ion Ratio Lower Upper

107 100

108 115.4 93.0 139.6

77 42.1 39.8 59.8

79 39.5 38.0 57.0

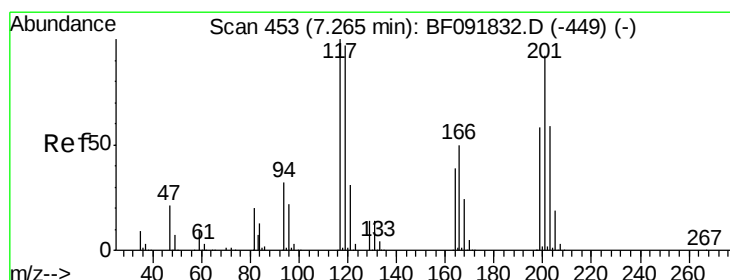
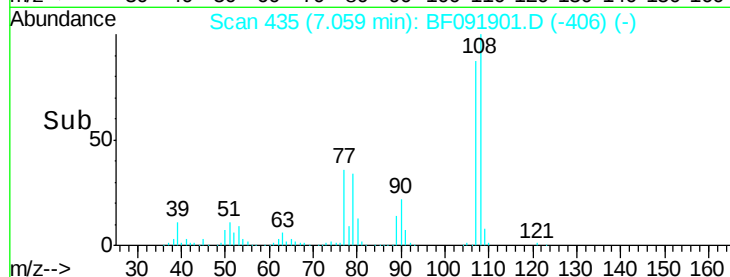
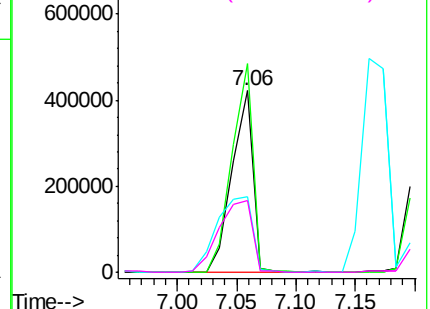


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.80 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

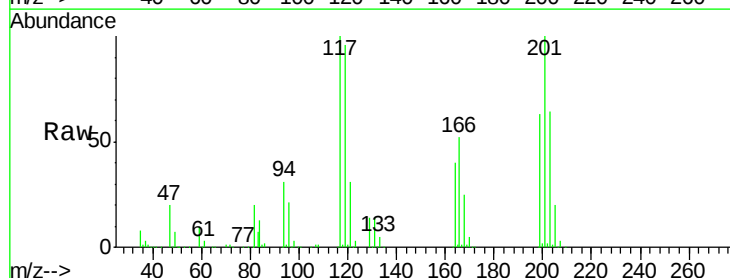
Tgt Ion:117 Resp: 259974

Ion Ratio Lower Upper

117 100

119 96.2 78.1 117.1

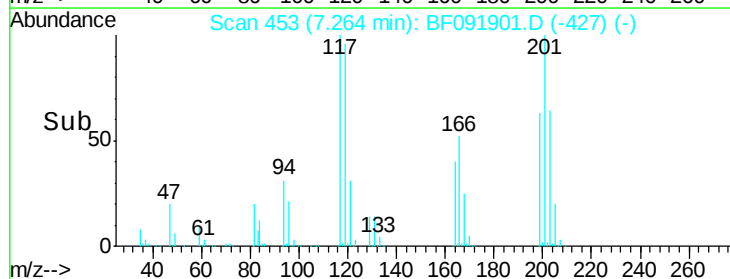
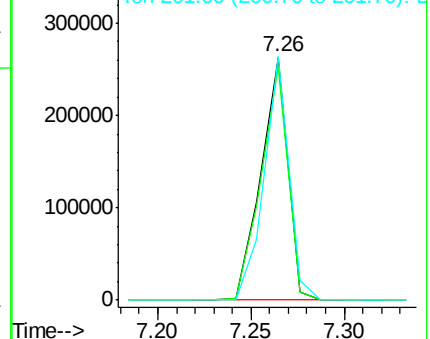
201 100.5 78.6 117.8

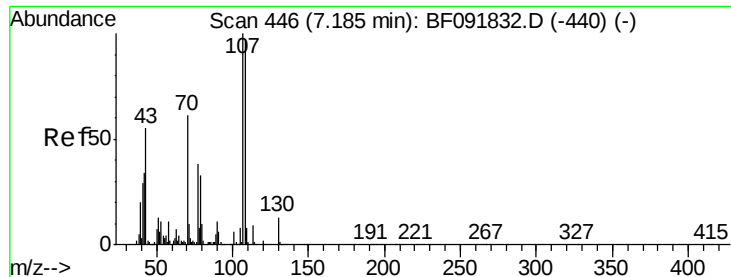


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

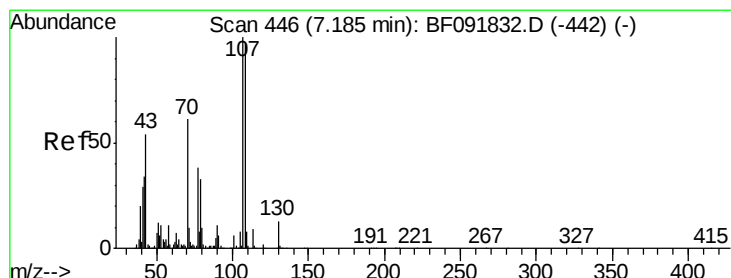
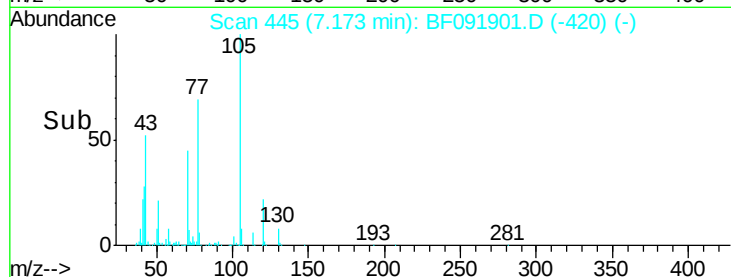
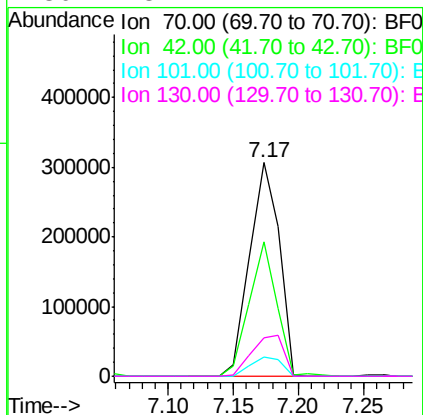
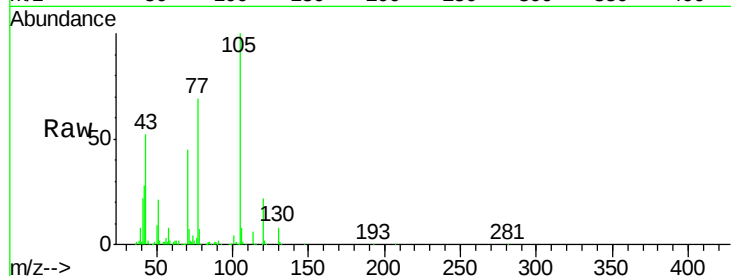




#19
n-Nitroso-di-n-propylamine
Concen: 40.81 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

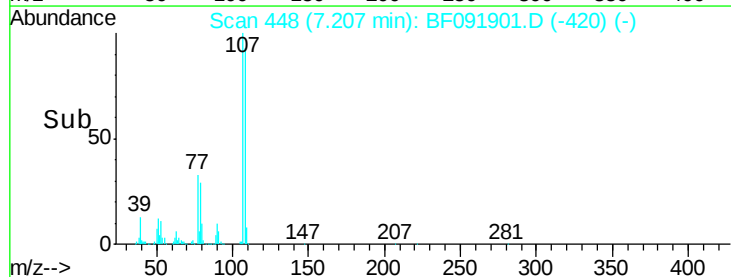
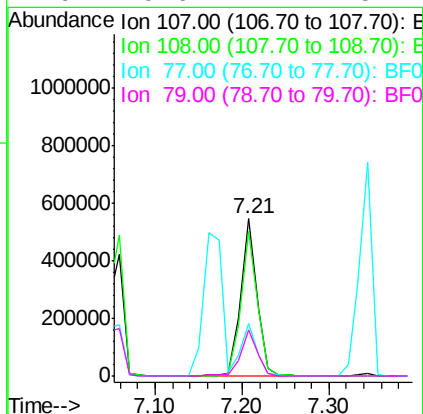
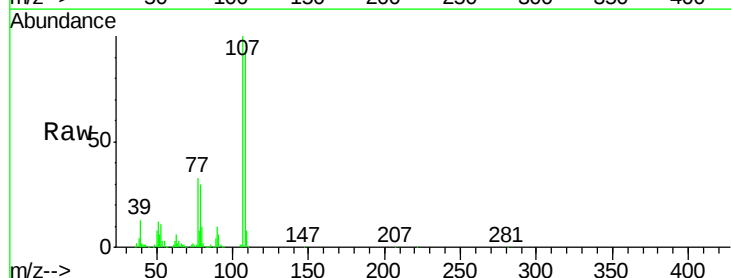
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

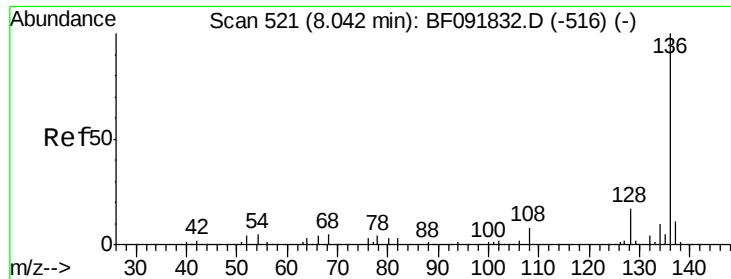
Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.7	49.4	74.0
101	8.9	7.4	11.2
130	18.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.85 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	73.0	113.0
77	33.3	71.3	111.3#
79	29.6	11.1	51.1



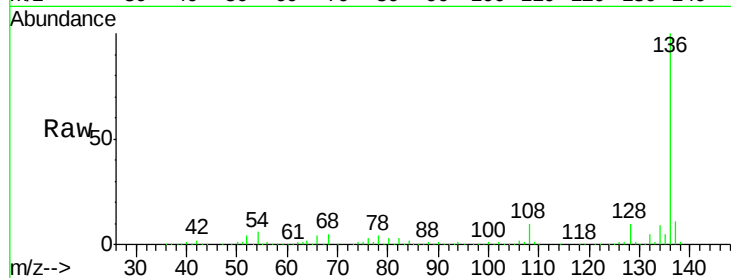


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

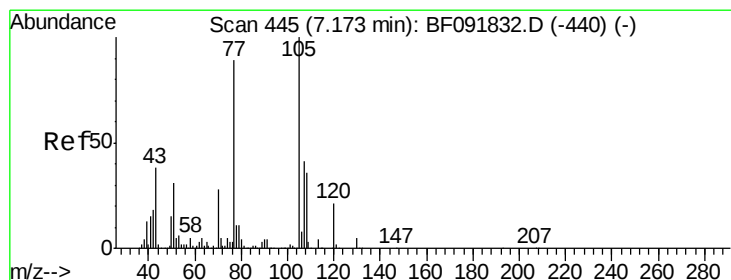
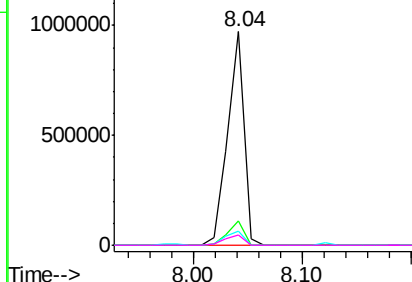
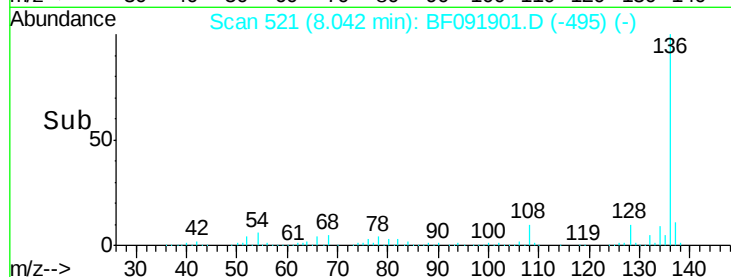
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1008542

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.4	4.5	6.7
68	5.0	3.6	5.4



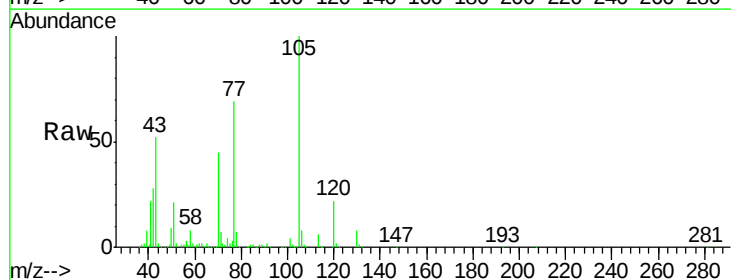
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



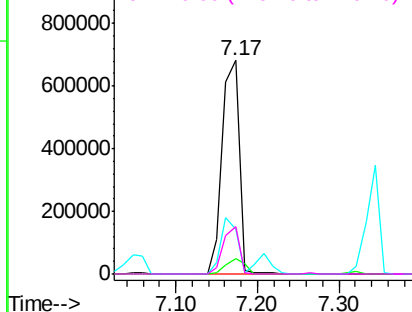
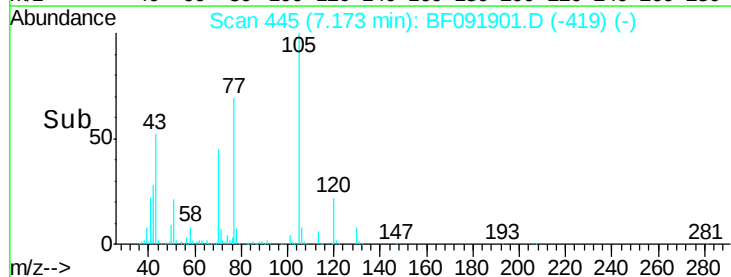
#22
Acetophenone
Concen: 39.50 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

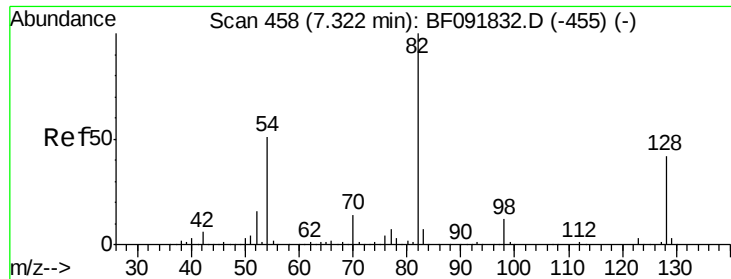
Tgt Ion:105 Resp: 982552

Ion	Ratio	Lower	Upper
105	100		
71	7.2	3.2	4.8#
51	20.7	26.2	39.4#
120	22.0	16.6	24.8



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

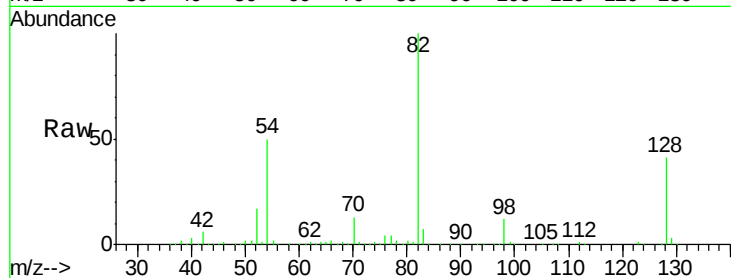




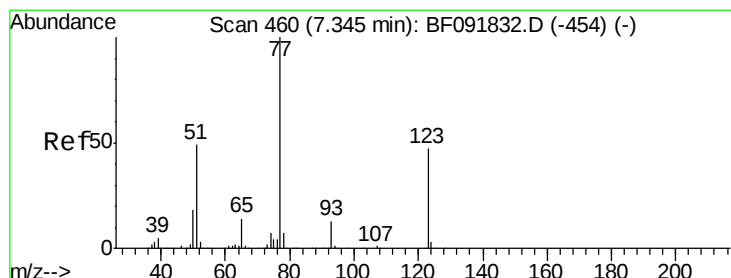
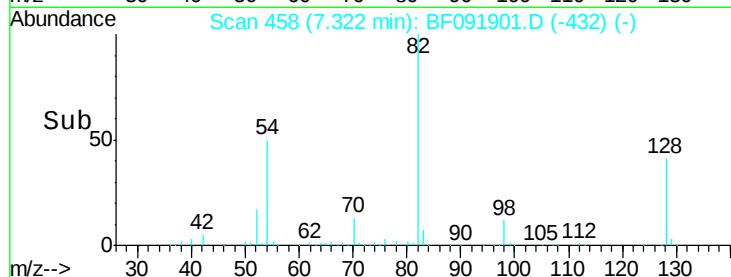
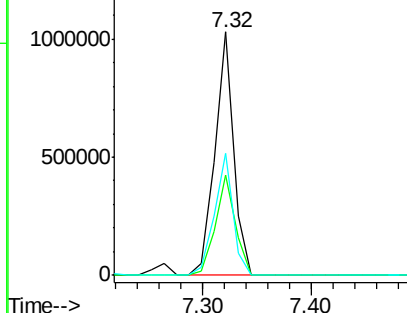
#23
 Nitrobenzene-d5
 Concen: 68.71 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1246281
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.6 52.0
 54 50.2 39.5 59.3

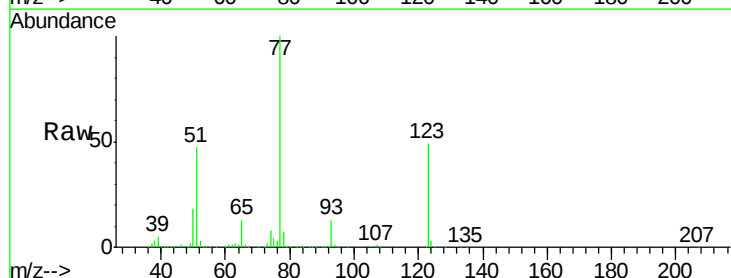


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

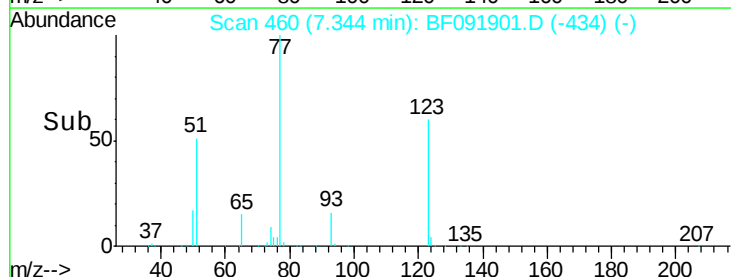
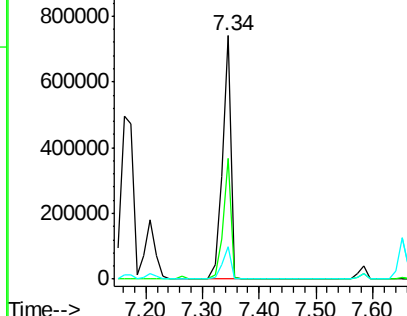


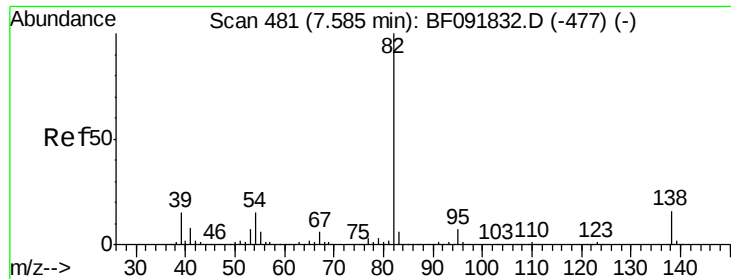
#24
 Nitrobenzene
 Concen: 39.34 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion: 77 Resp: 759962
 Ion Ratio Lower Upper
 77 100
 123 49.4 33.0 49.4
 65 13.3 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: 37.76 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

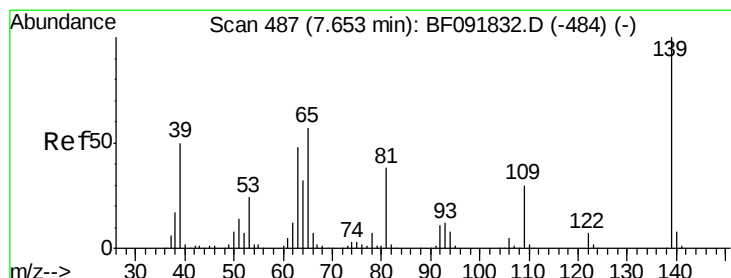
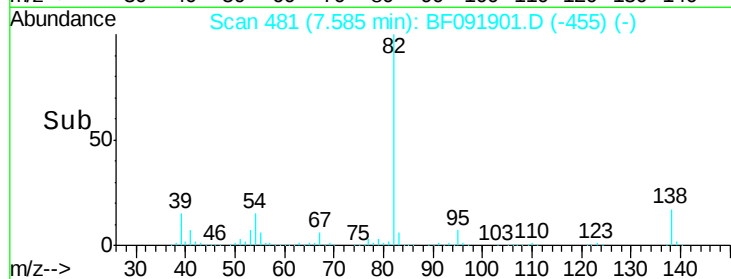
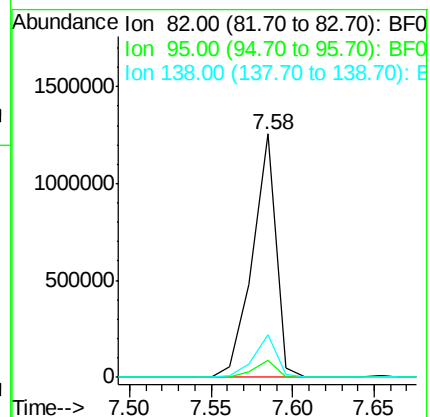
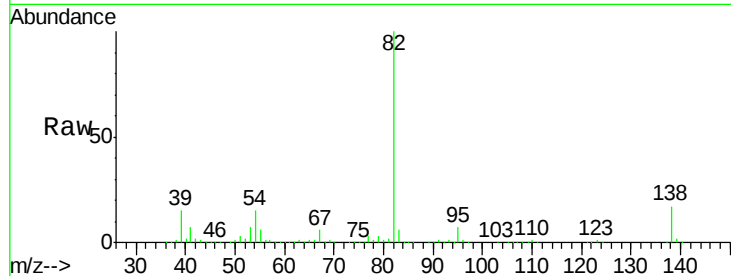
Tgt Ion: 82 Resp: 1263402

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 17.3 14.6 22.0



#26

2-Nitrophenol

Concen: 27.81 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

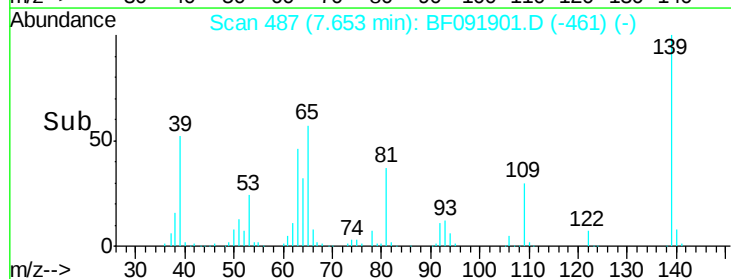
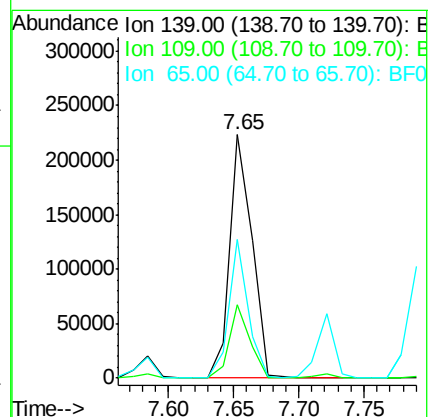
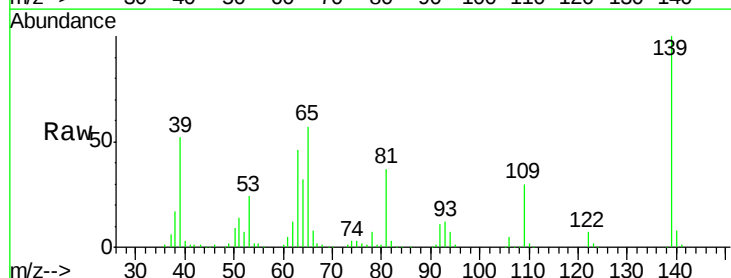
Tgt Ion: 139 Resp: 264939

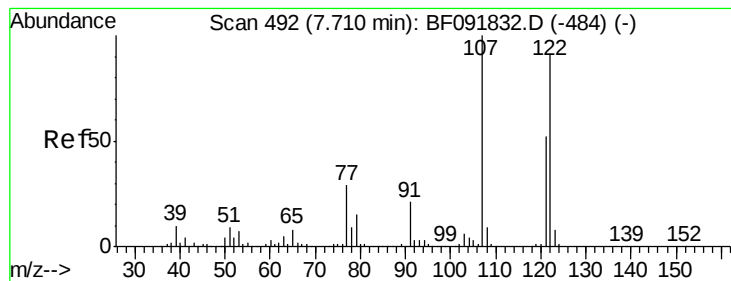
Ion Ratio Lower Upper

139 100

109 30.0 23.3 34.9

65 57.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 33.07 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

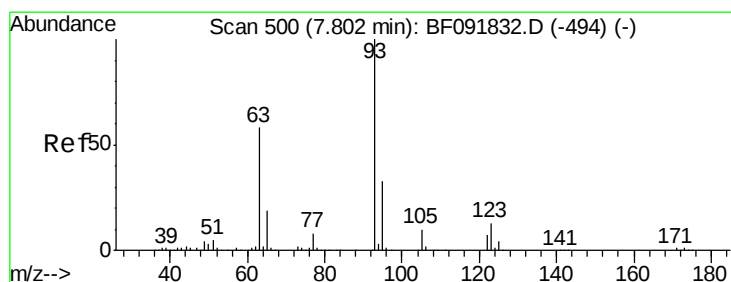
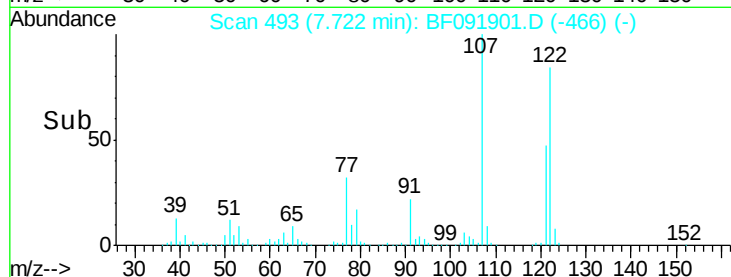
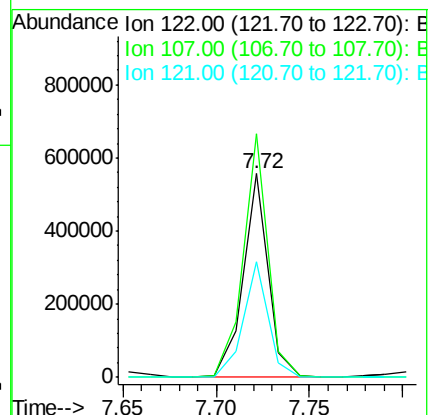
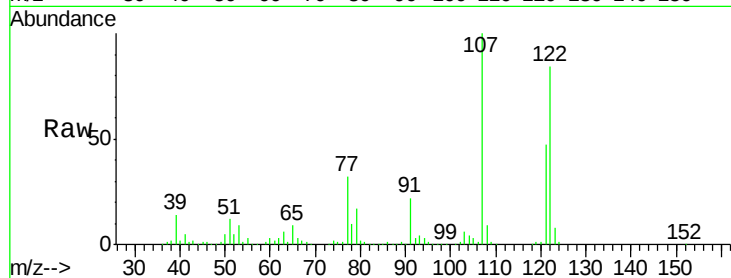
Tgt Ion: 122 Resp: 522492

Ion Ratio Lower Upper

122 100

107 119.6 94.1 141.1

121 56.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.49 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

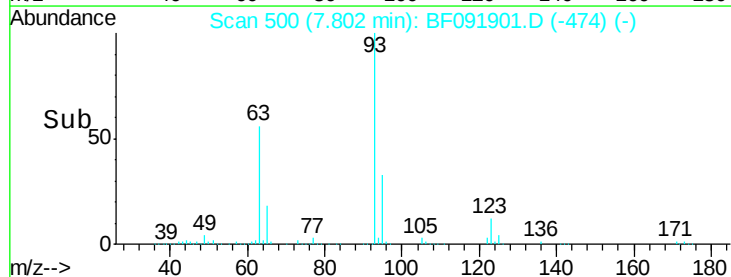
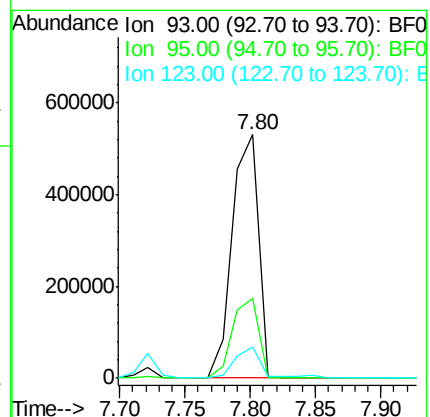
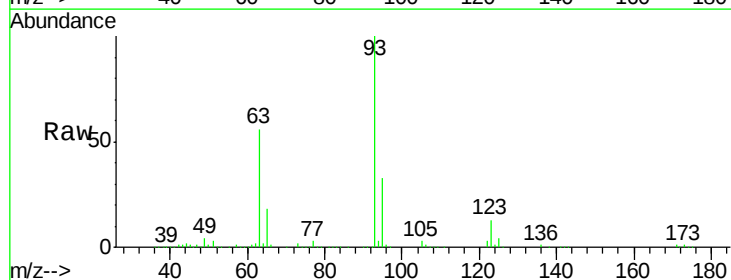
Tgt Ion: 93 Resp: 740415

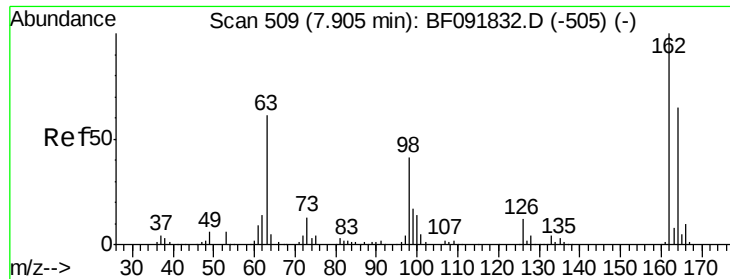
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 12.5 8.6 13.0

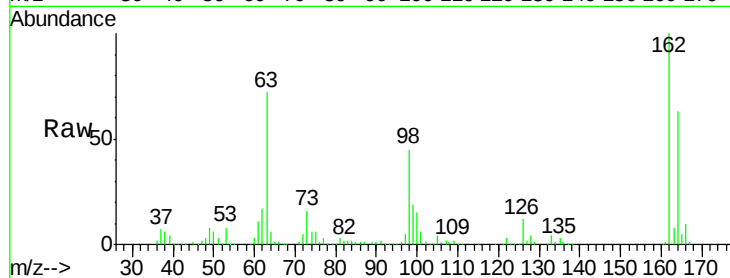




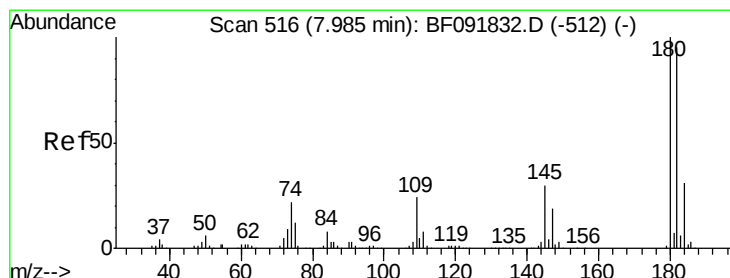
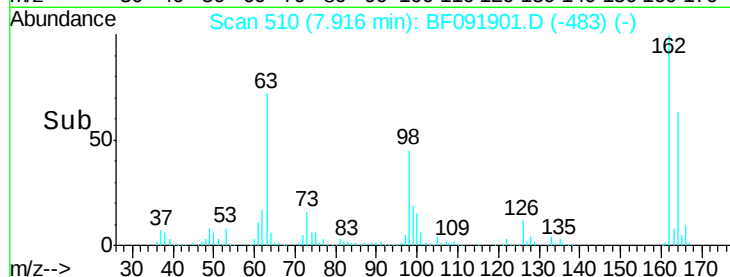
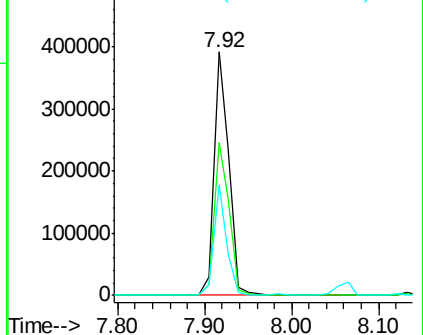
#29
2,4-Dichlorophenol
Concen: 34.88 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 466680
Ion Ratio Lower Upper
162 100
164 62.8 46.8 86.8
98 45.4 9.1 49.1

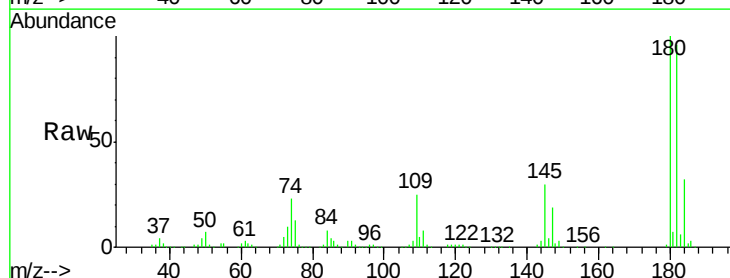


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

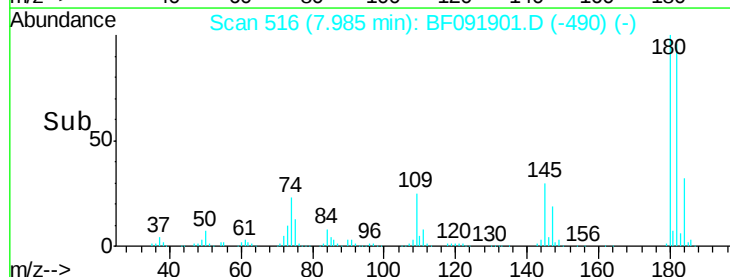
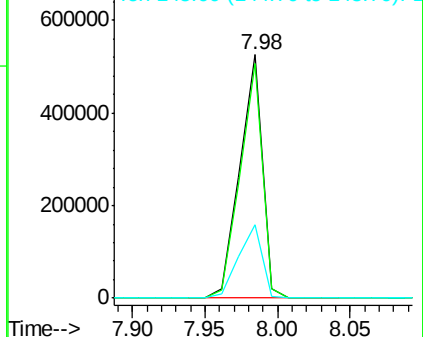


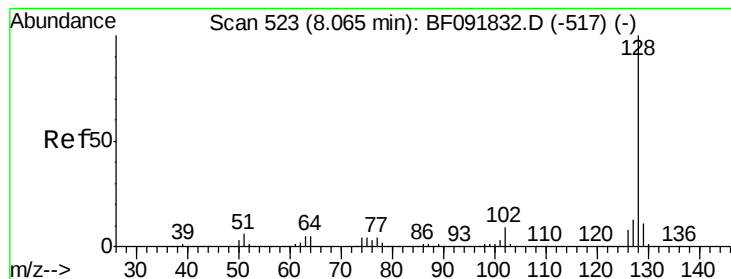
#30
1,2,4-Trichlorobenzene
Concen: 38.84 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion:180 Resp: 569407
Ion Ratio Lower Upper
180 100
182 96.1 78.2 117.4
145 30.2 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: 40.25 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

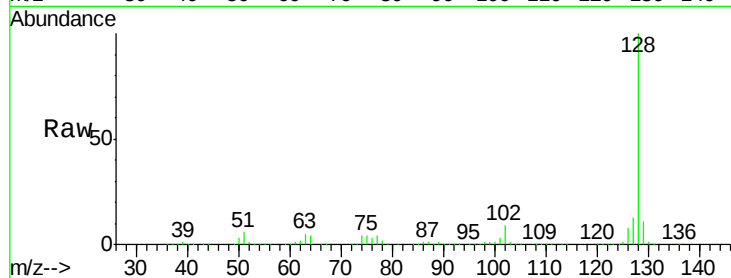
Tgt Ion:128 Resp: 1858050

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

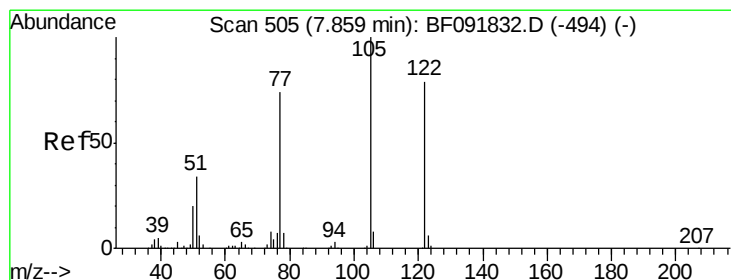
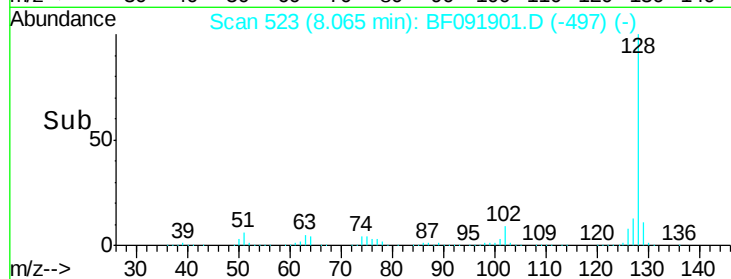
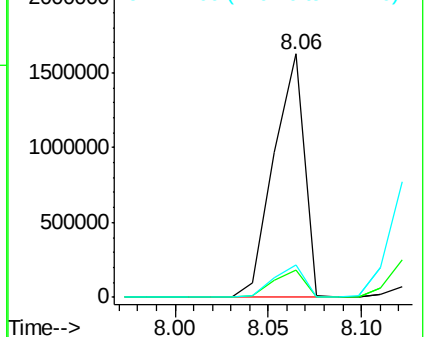
127 13.4 10.8 16.2



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: 13.19 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

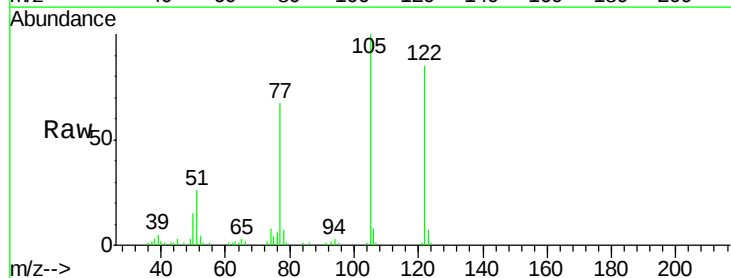
Tgt Ion:122 Resp: 154600

Ion Ratio Lower Upper

122 100

105 118.0 107.2 147.2

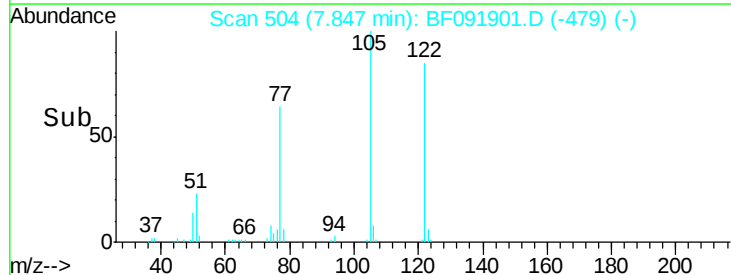
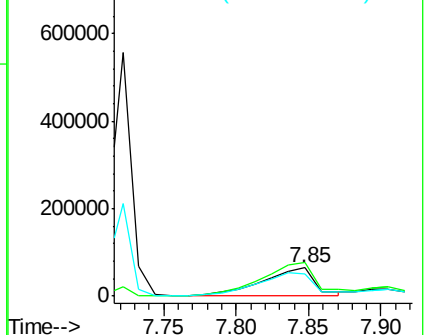
77 79.3 74.5 114.5

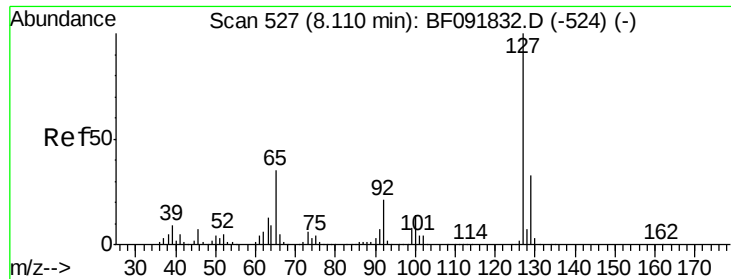


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

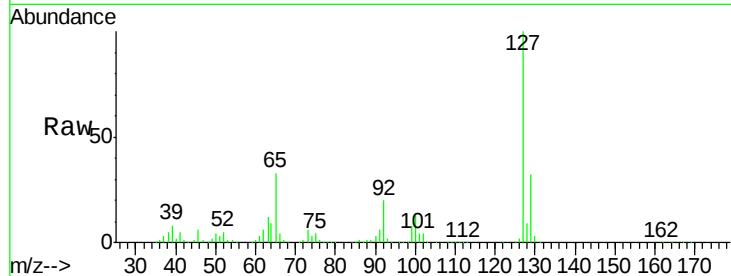




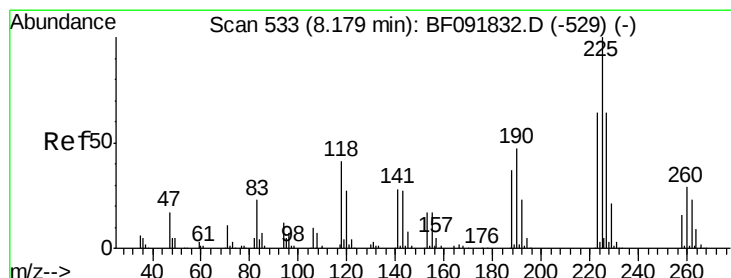
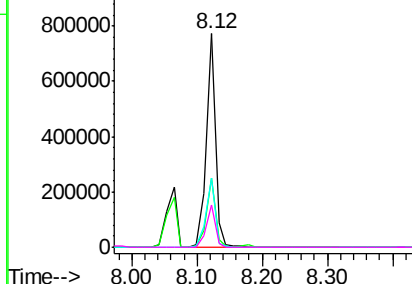
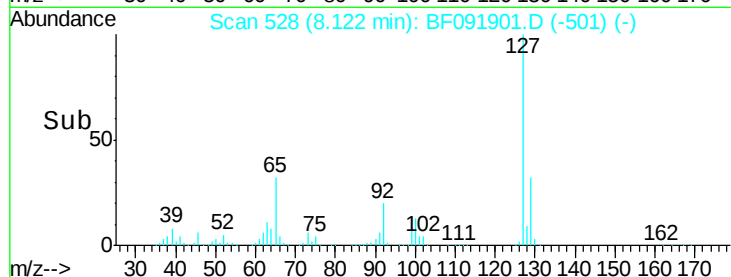
#33
4-Chloroaniline
Concen: 36.05 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	750224
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	32.5	25.8	38.8
92	19.9	16.1	24.1

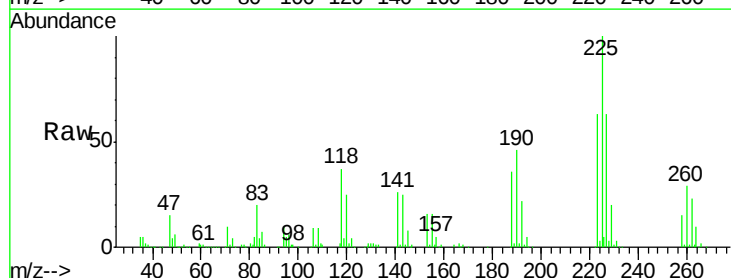


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

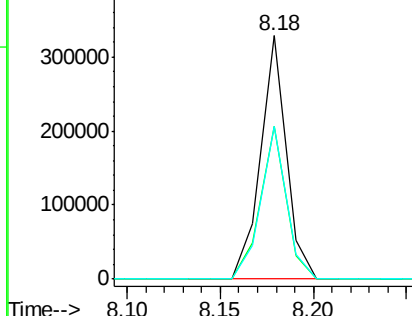
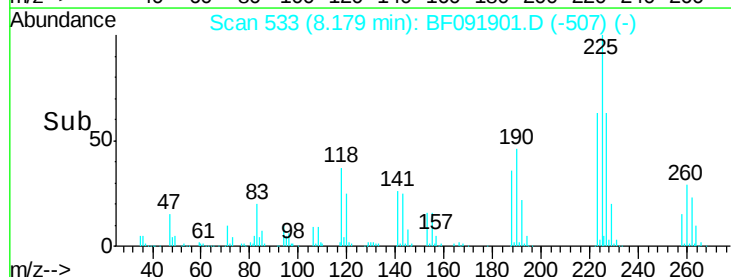


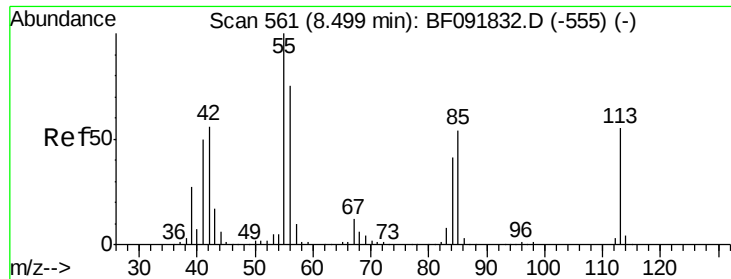
#34
Hexachlorobutadiene
Concen: 40.40 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion:	225	Resp:	312665
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	62.7	50.6	76.0



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

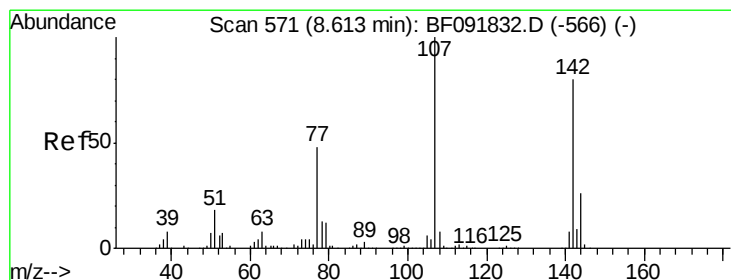
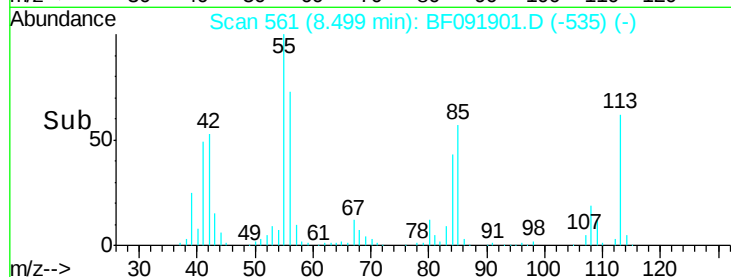
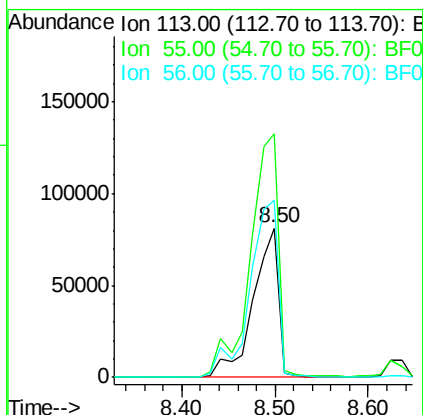
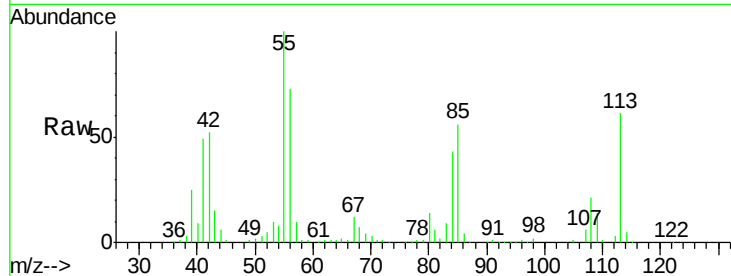




#35
 Caprolactam
 Concen: 35.08 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

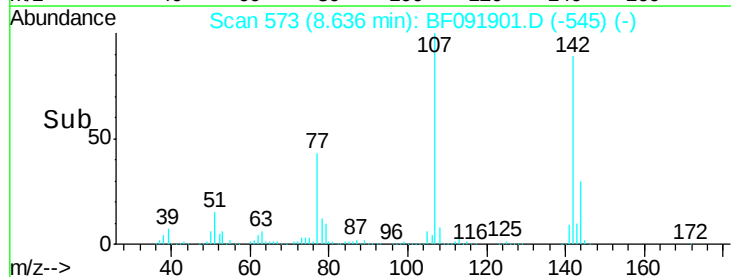
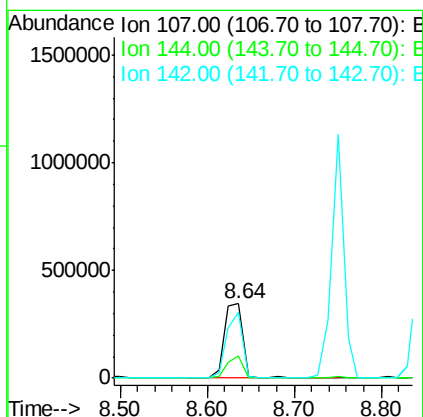
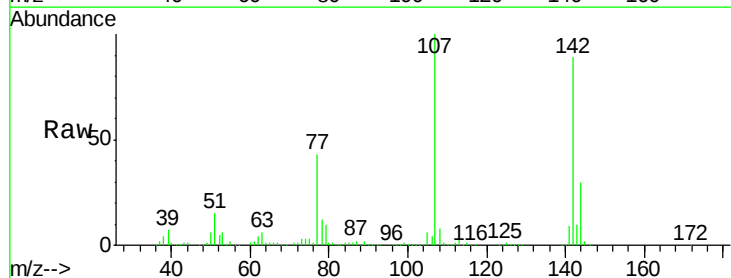
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

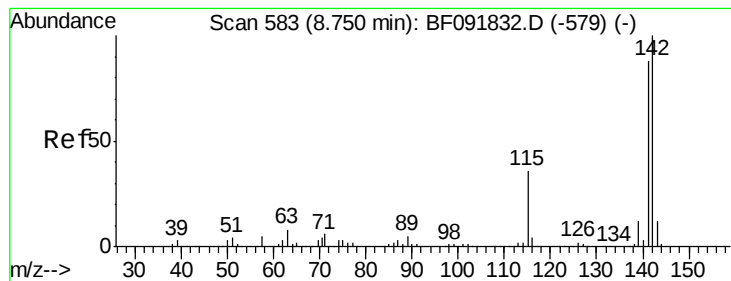
Tgt Ion:113 Resp: 154240
 Ion Ratio Lower Upper
 113 100
 55 163.3 119.2 159.2#
 56 118.8 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 33.09 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:107 Resp: 509403
 Ion Ratio Lower Upper
 107 100
 144 29.5 19.3 28.9#
 142 89.3 59.0 88.6#





#37

2-Methylnaphthalene

Concen: 36.86 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

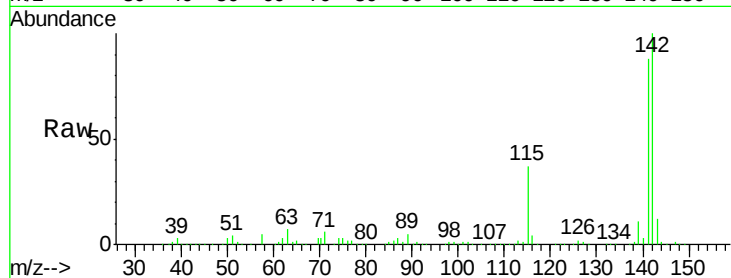
Tgt Ion:142 Resp: 1098972

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

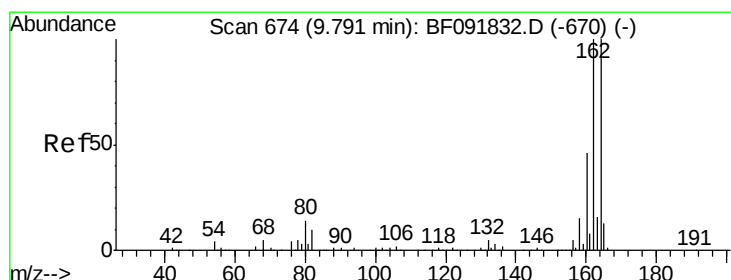
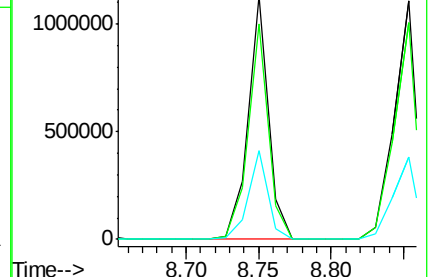
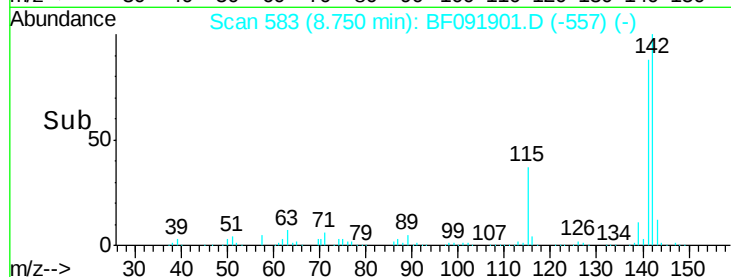
115 36.7 28.3 42.5



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: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

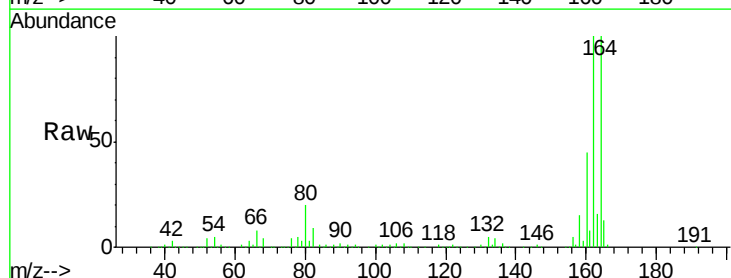
Tgt Ion:164 Resp: 481034

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

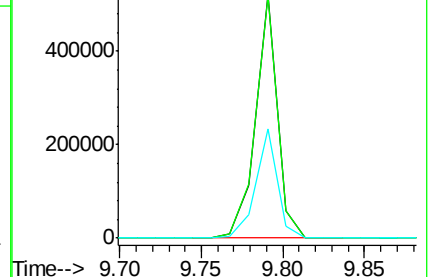
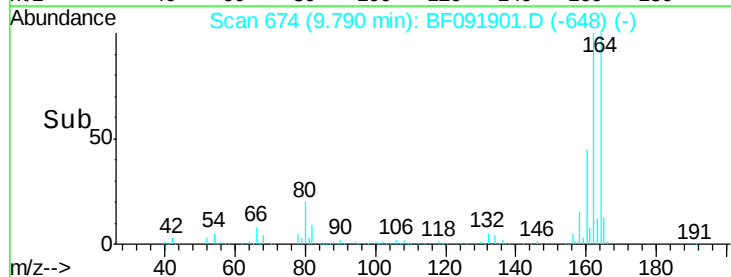
160 44.9 36.9 55.3

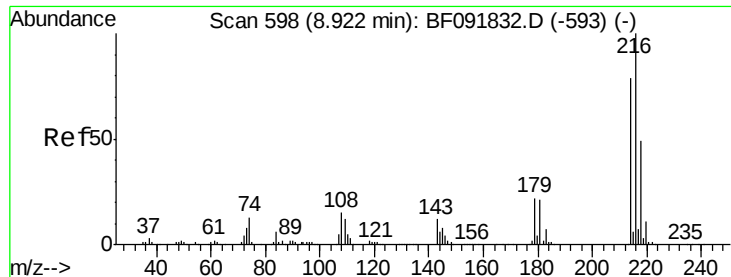


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

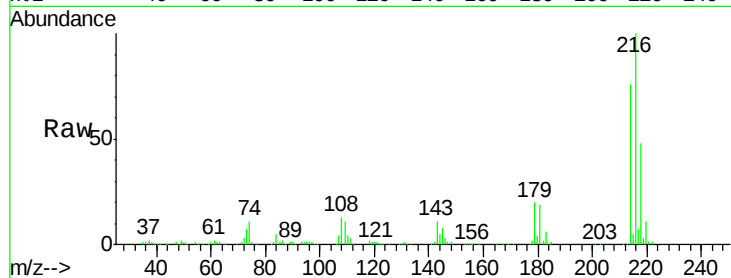




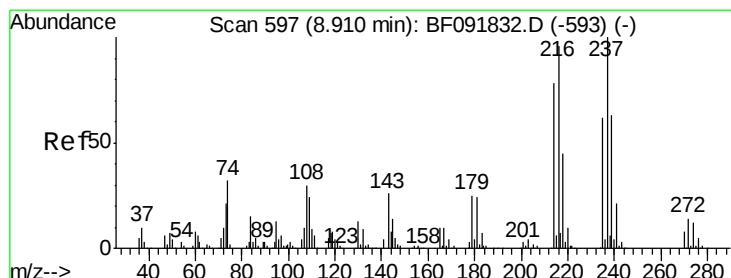
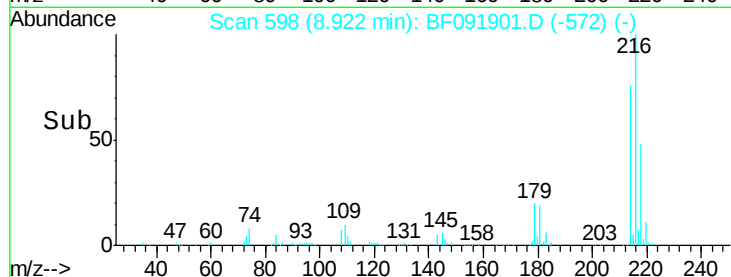
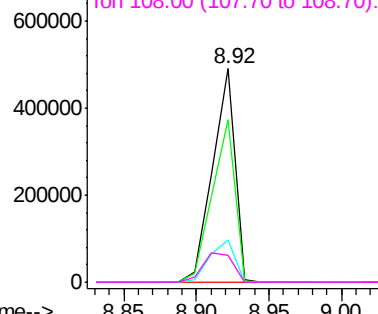
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.32 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	526496
Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.4	95.0
179	22.1	17.4	26.2
108	18.8	15.6	23.4

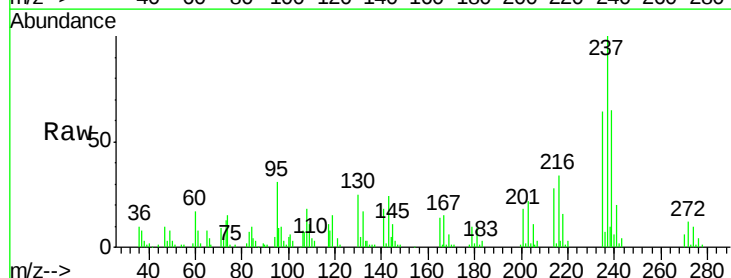


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

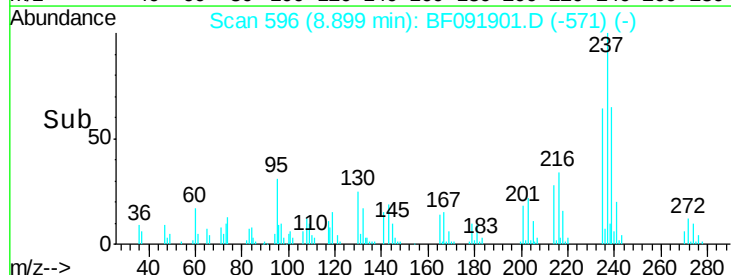
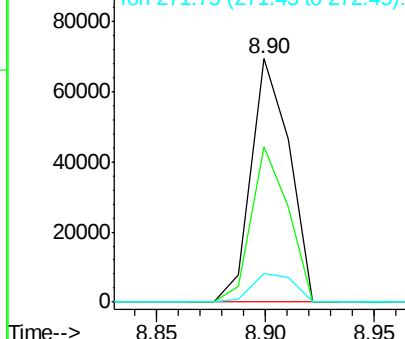


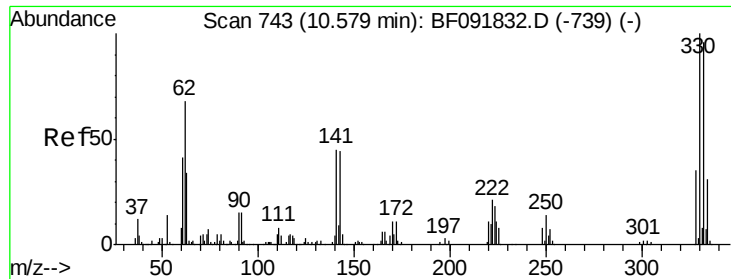
#40
 Hexachlorocyclopentadiene
 Concen: 18.88 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:	237	Resp:	84901
Ion	Ratio	Lower	Upper
237	100		
235	64.0	41.2	81.2
272	12.0	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

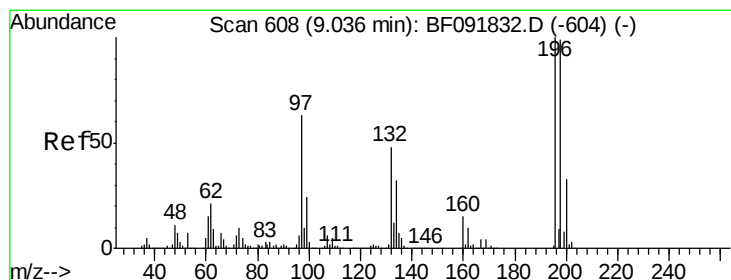
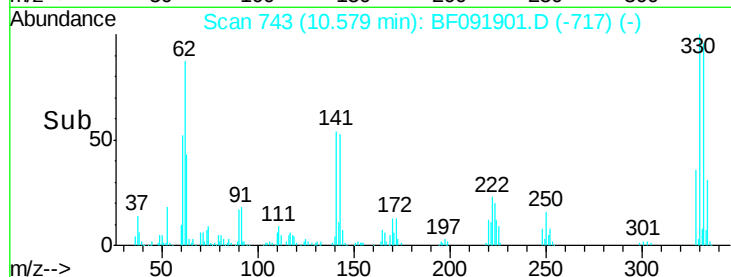
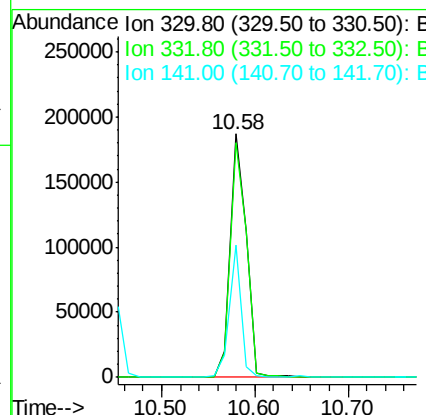
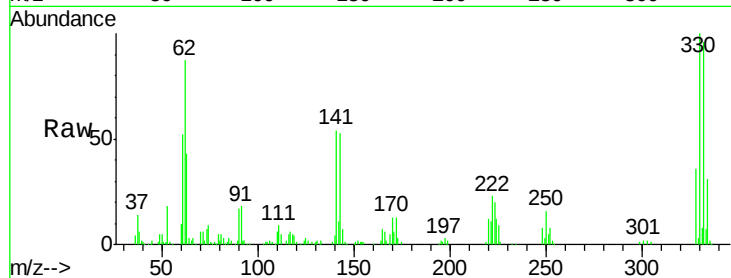




#41
 2,4,6-Tribromophenol
 Concen: 56.65 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

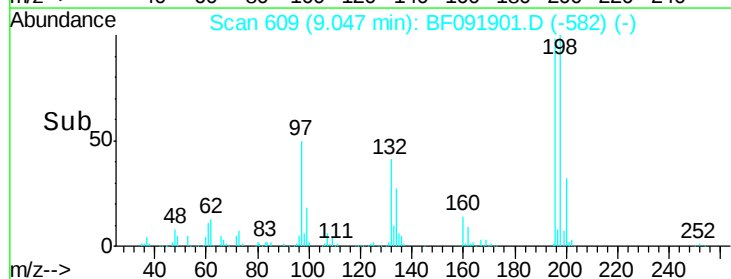
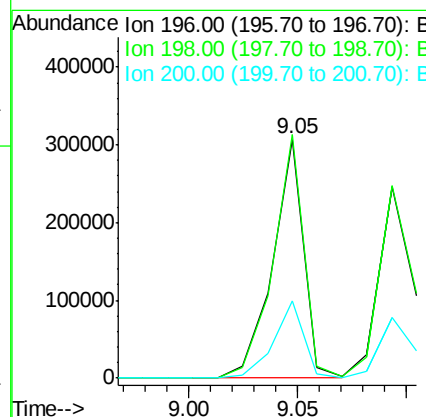
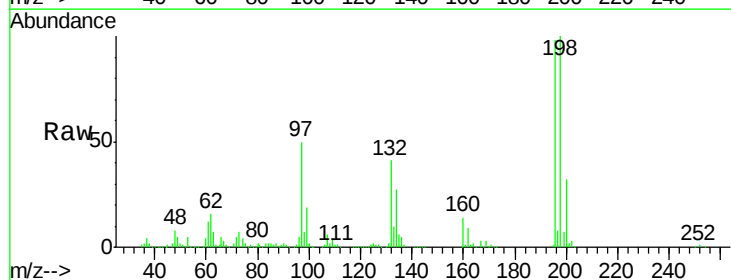
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

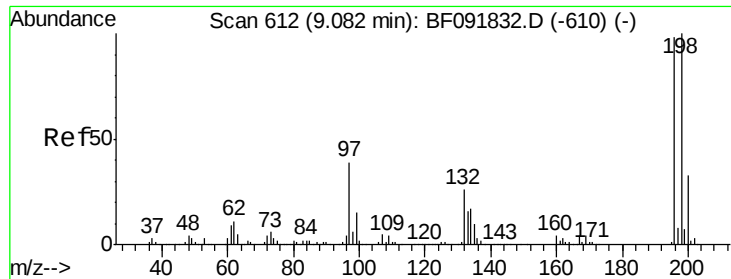
Tgt Ion:330 Resp: 225532
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 39.5 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 36.25 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:196 Resp: 308128
 Ion Ratio Lower Upper
 196 100
 198 101.8 82.1 123.1
 200 32.3 27.0 40.4

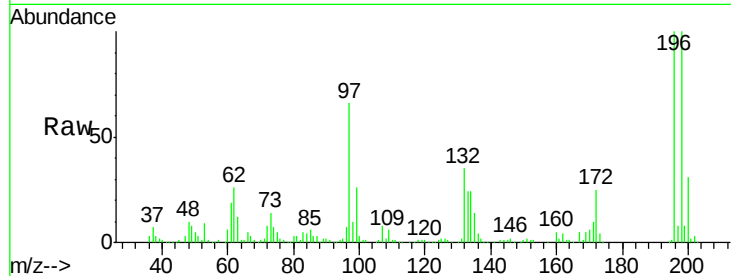




#43
 2,4,5-Trichlorophenol
 Concen: 30.81 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	79.4	119.2
97	66.3	51.5	77.3
132	34.8	27.4	41.2



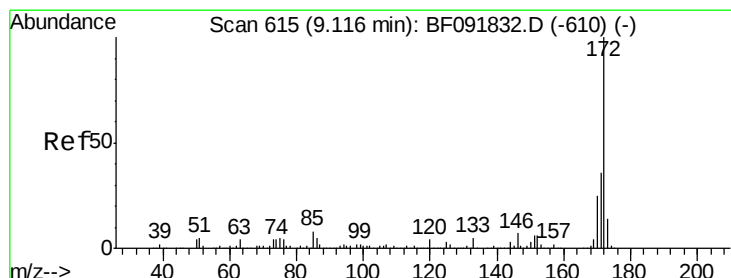
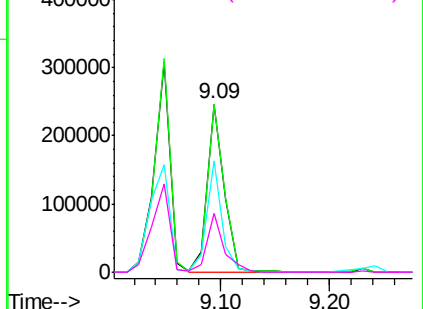
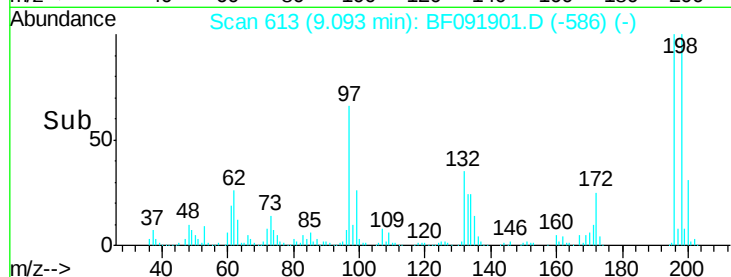
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

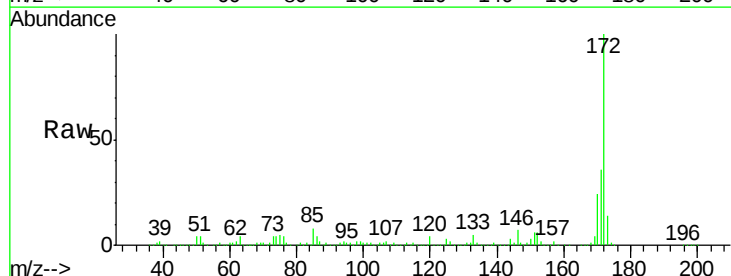
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.40 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.5	20.2	30.4

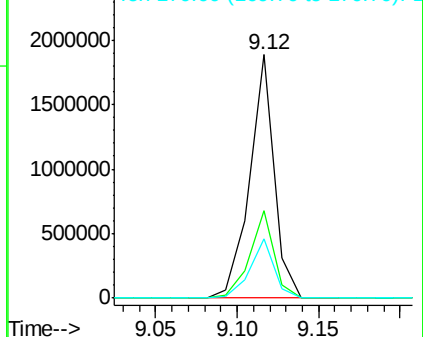
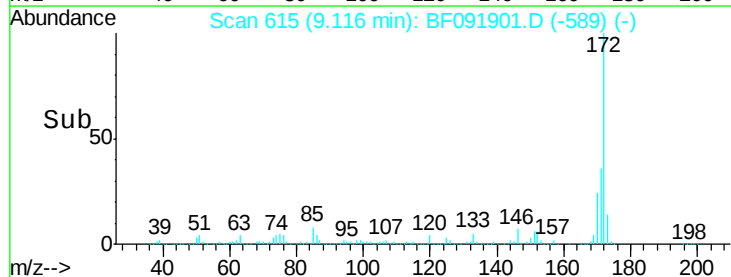


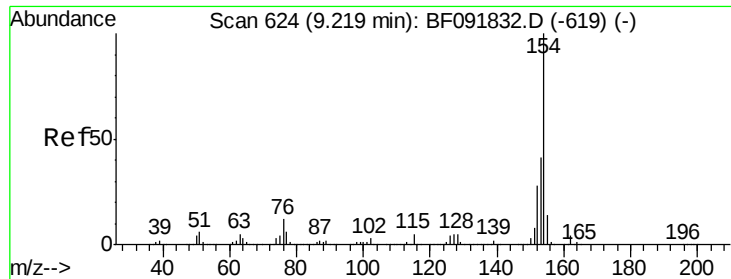
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

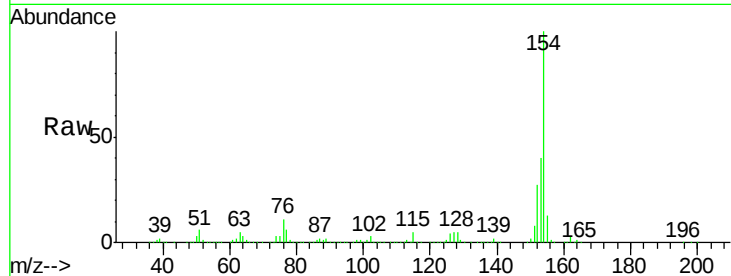




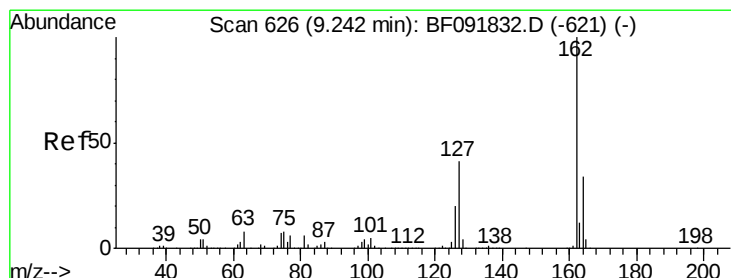
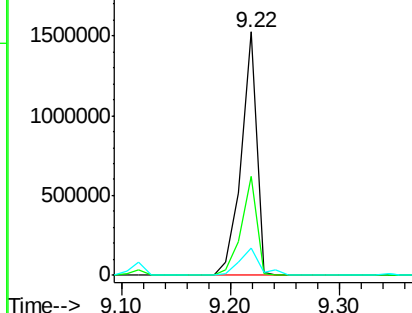
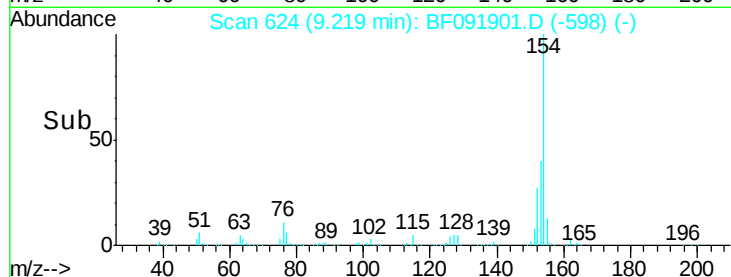
#45
 1,1'-Biphenyl
 Concen: 44.70 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1472220
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.9 60.9
 76 11.5 0.0 30.5

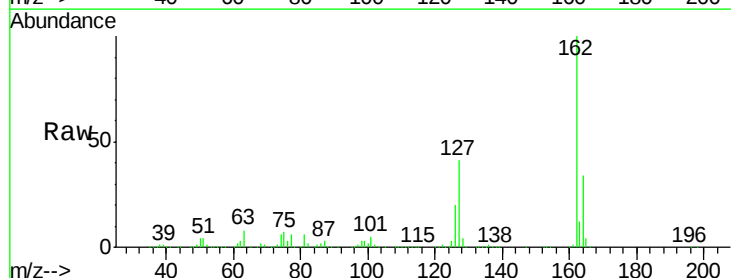


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

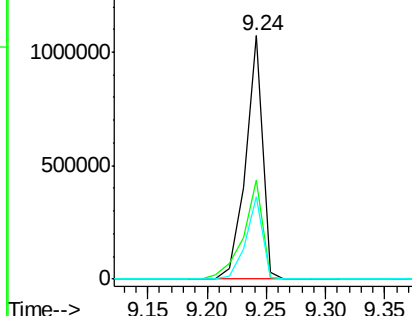
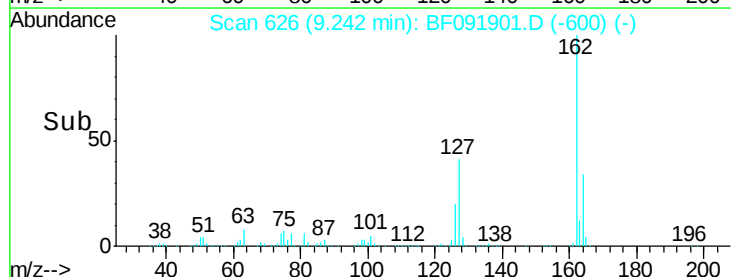


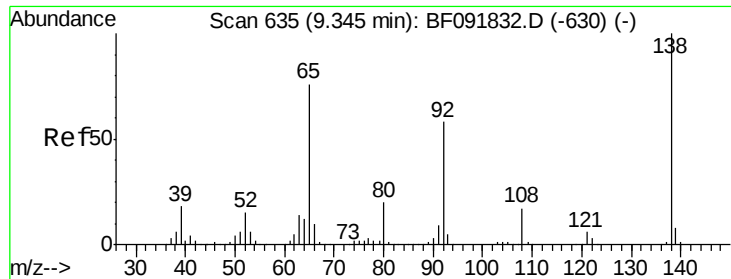
#46
 2-Chloronaphthalene
 Concen: 40.84 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:162 Resp: 1065283
 Ion Ratio Lower Upper
 162 100
 127 40.6 30.7 46.1
 164 33.9 27.6 41.4



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

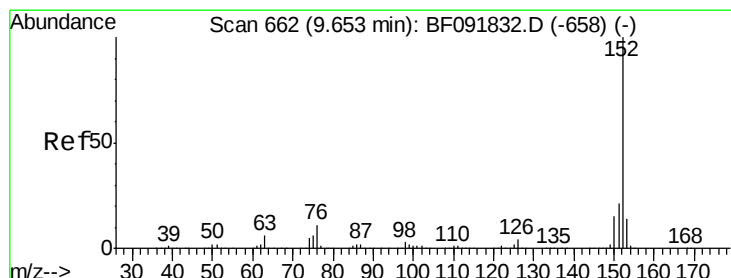
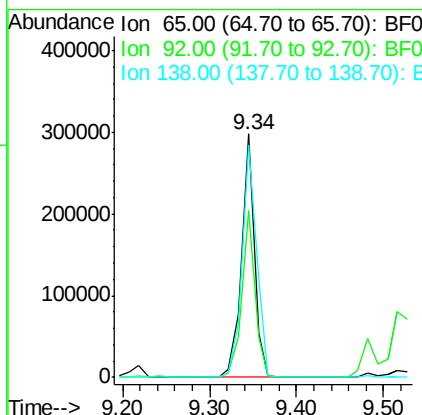
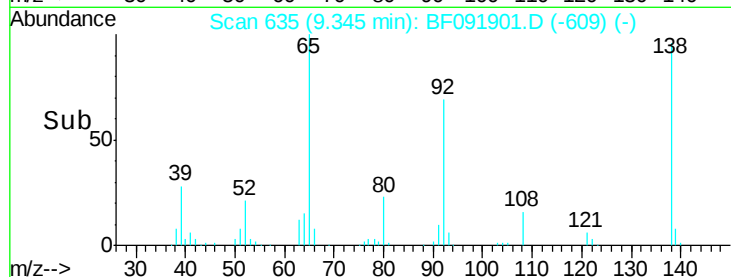
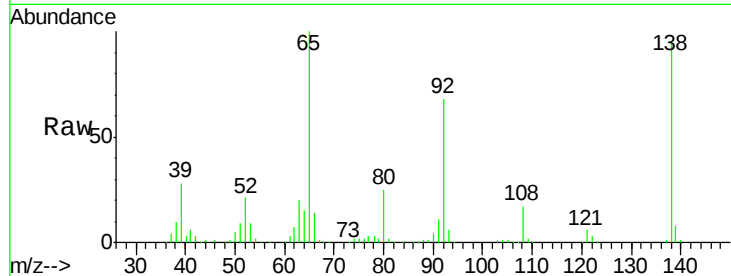




#47
 2-Nitroaniline
 Concen: 32.84 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

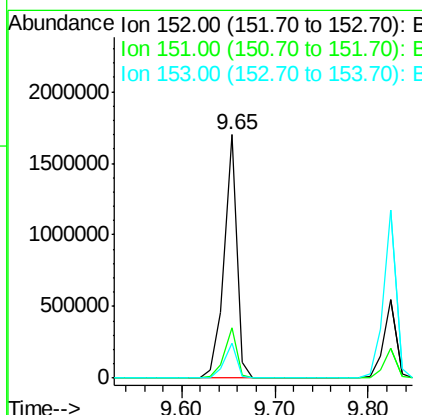
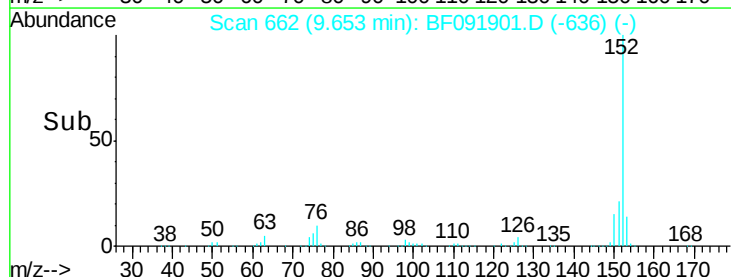
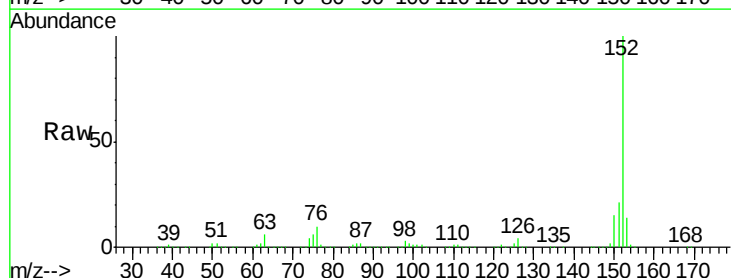
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

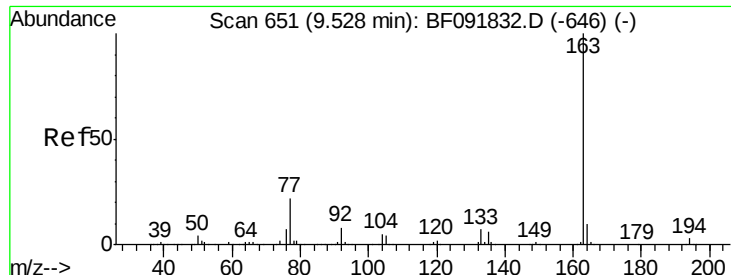
Tgt Ion: 65 Resp: 305005
 Ion Ratio Lower Upper
 65 100
 92 68.4 53.9 80.9
 138 95.3 76.8 115.2



#48
 Acenaphthylene
 Concen: 39.94 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion: 152 Resp: 1602273
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.9 25.3
 153 14.4 11.4 17.2

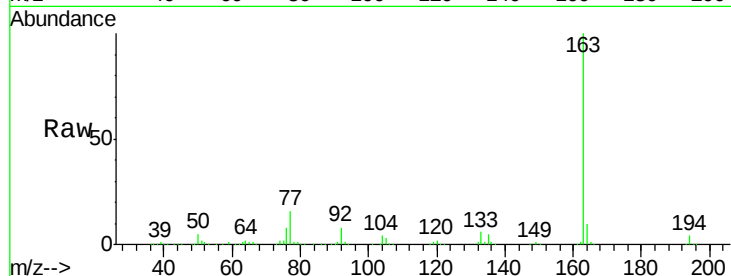




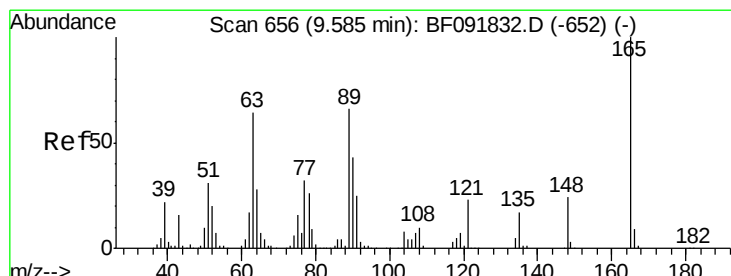
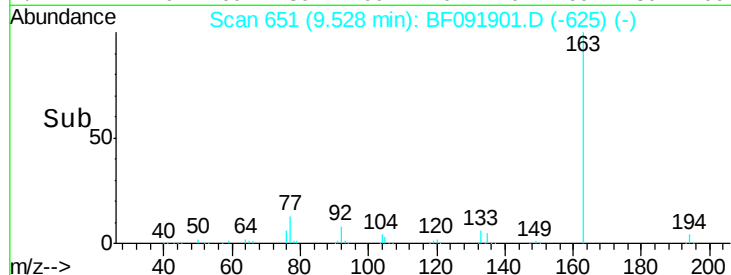
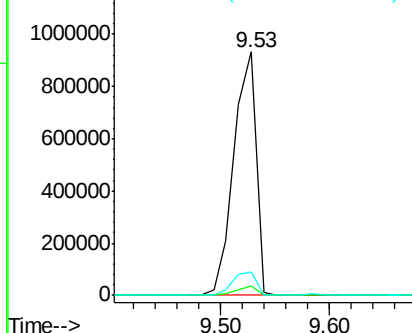
#49
Dimethylphthalate
Concen: 42.53 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1308410
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 8.0 12.0

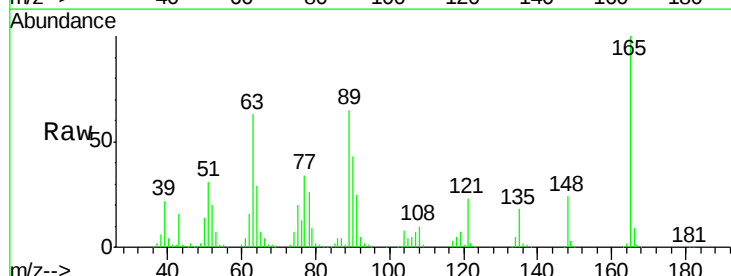


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

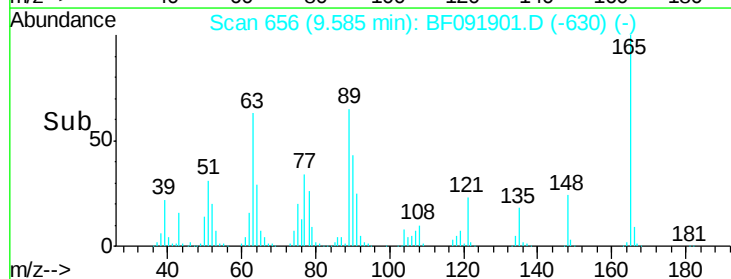
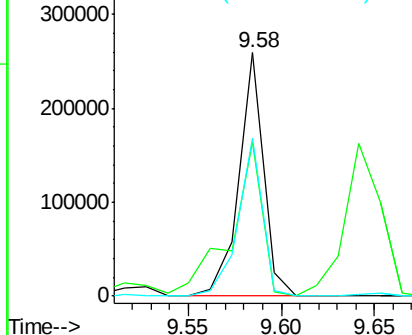


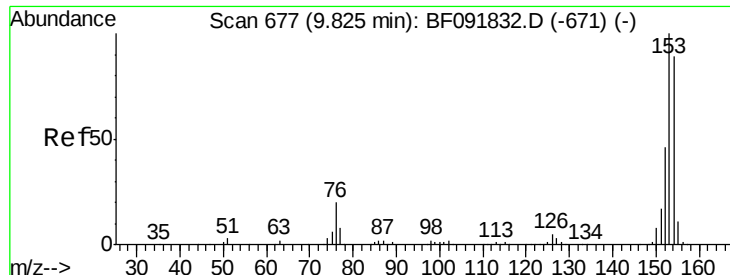
#50
2,6-Dinitrotoluene
Concen: 35.49 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion:165 Resp: 238986
Ion Ratio Lower Upper
165 100
63 63.4 36.2 54.4#
89 65.0 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: 36.91 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

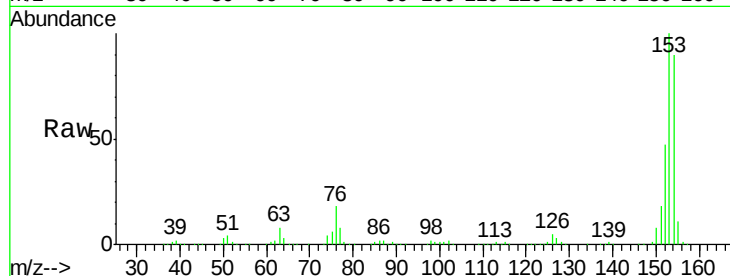
Tgt Ion:154 Resp: 1003876

Ion Ratio Lower Upper

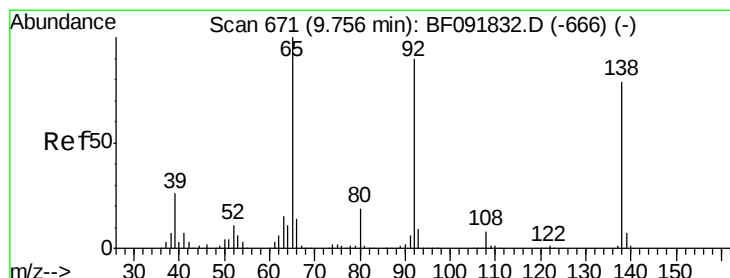
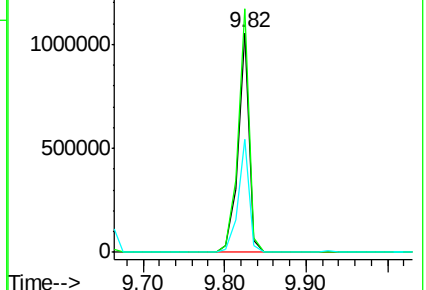
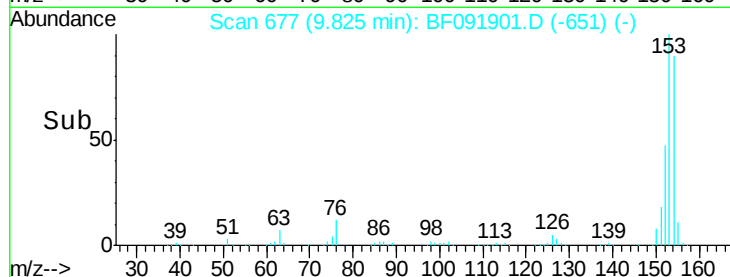
154 100

153 111.0 88.6 133.0

152 51.8 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: 33.37 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

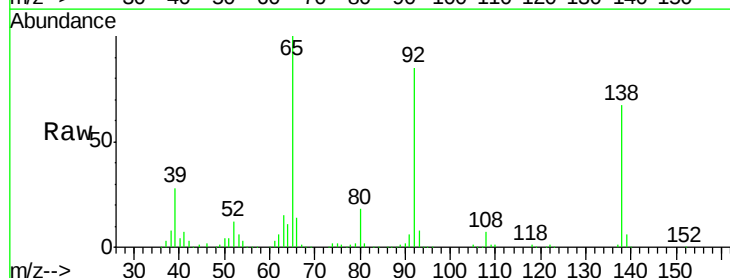
Tgt Ion:138 Resp: 278054

Ion Ratio Lower Upper

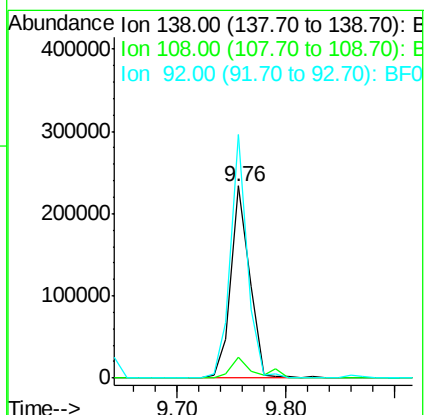
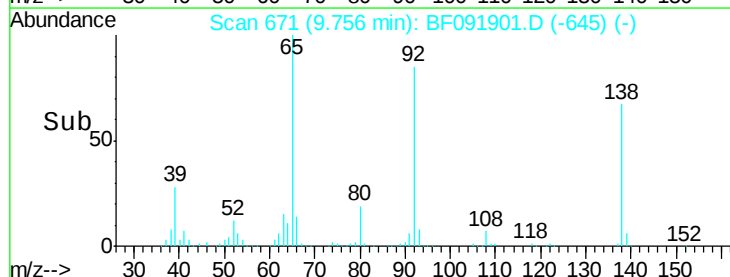
138 100

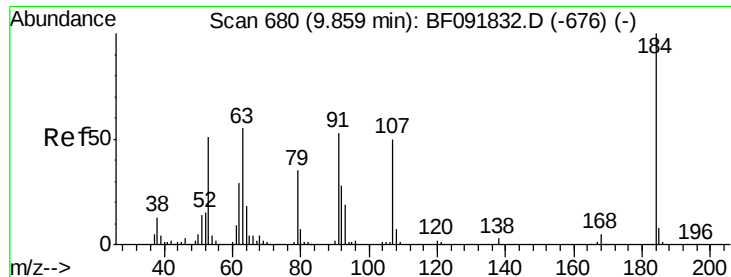
108 10.9 8.5 12.7

92 126.8 97.8 146.8



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

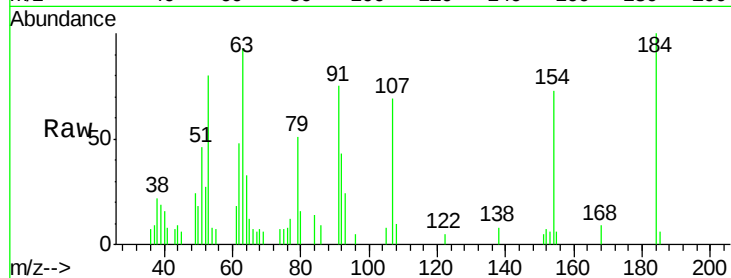




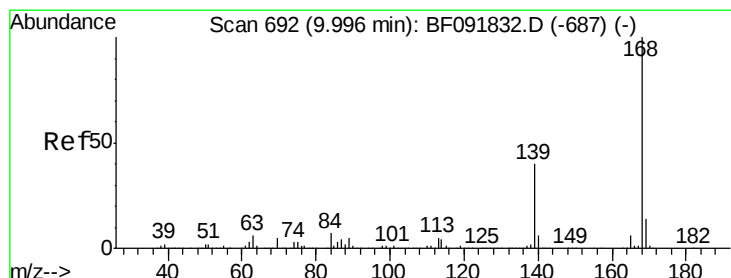
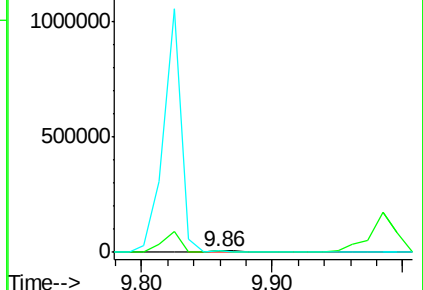
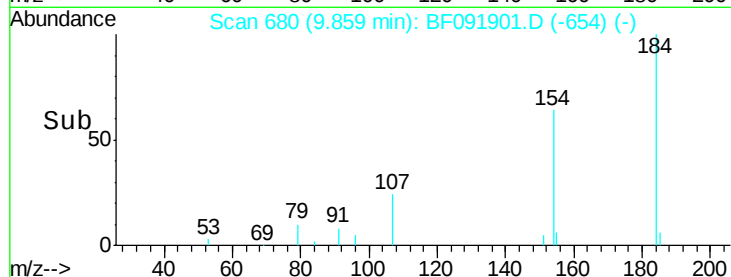
#53
 2,4-Dinitrophenol
 Concen: 3.14 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 11774
 Ion Ratio Lower Upper
 184 100
 63 93.2 28.4 42.6#
 154 73.1 44.3 66.5#

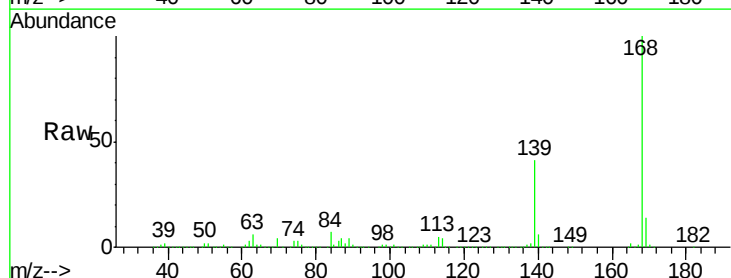


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF091901.D (-654) (-)
 Ion 154.00 (153.70 to 154.70): E

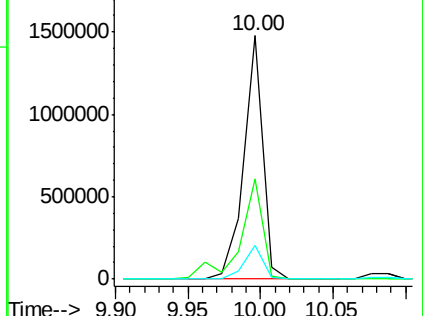
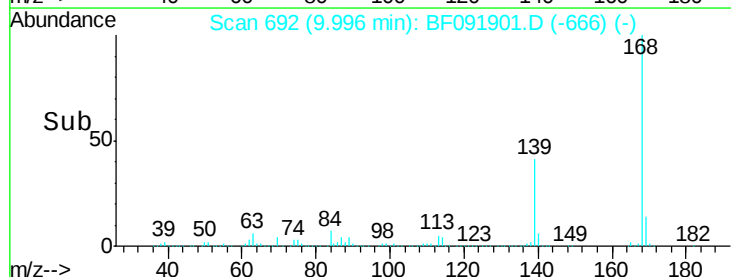


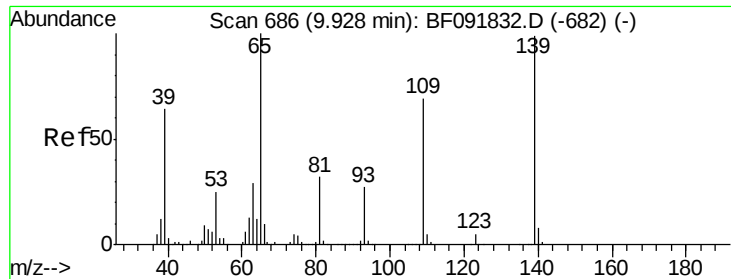
#54
 Dibenzofuran
 Concen: 36.47 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:168 Resp: 1339623
 Ion Ratio Lower Upper
 168 100
 139 41.4 32.6 49.0
 169 13.9 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

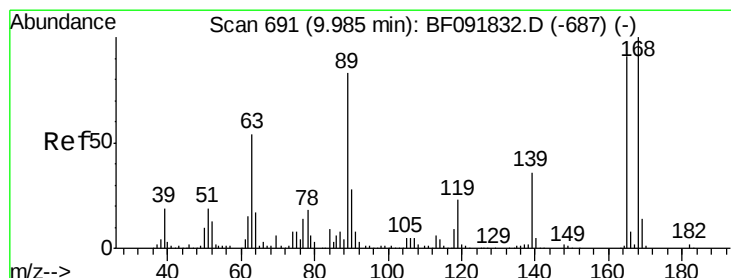
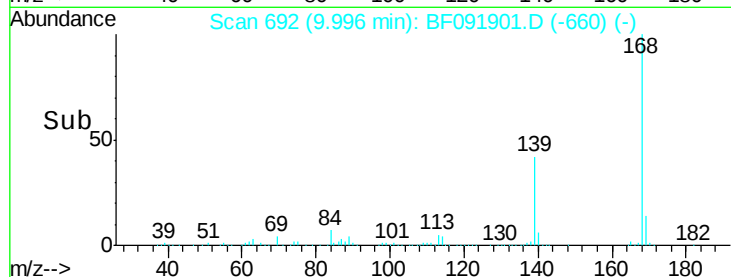
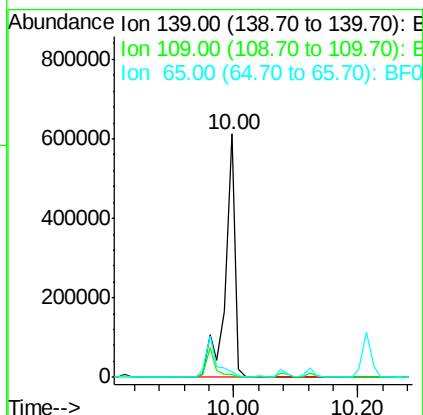
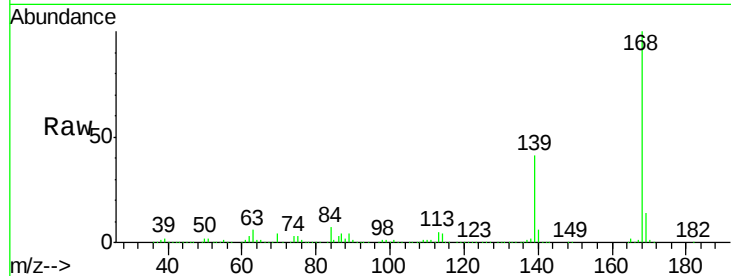




#55
4-Nitrophenol
Concen: 117.80 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.07 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

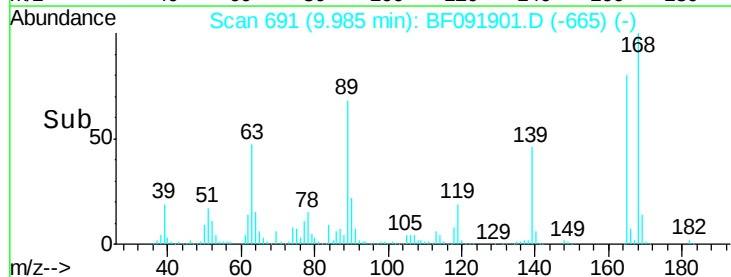
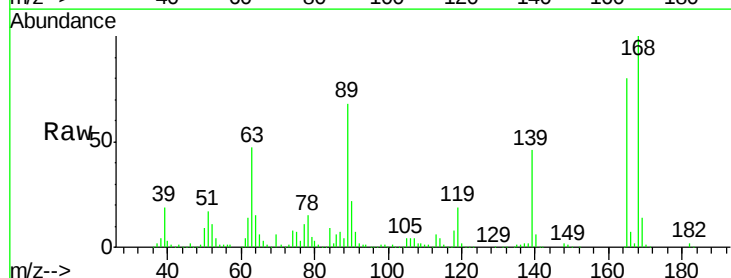
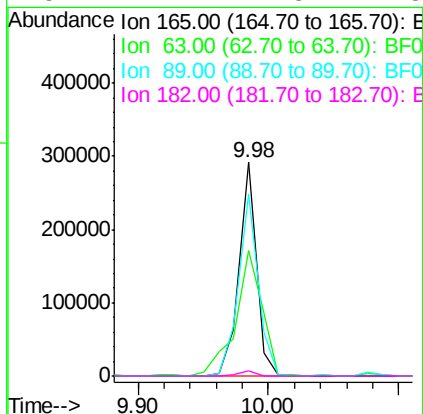
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

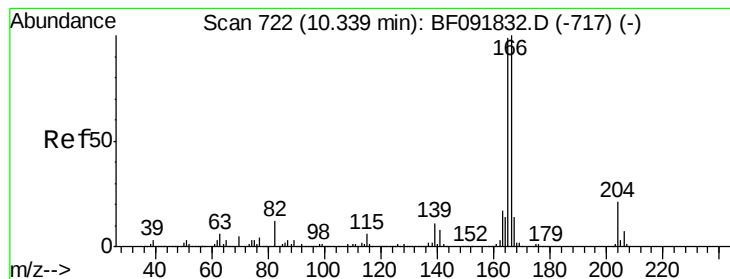
Tgt Ion:139 Resp: 666542
Ion Ratio Lower Upper
139 100
109 1.3 52.2 92.2#
65 2.2 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 31.90 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion:165 Resp: 269614
Ion Ratio Lower Upper
165 100
63 58.6 40.2 60.4
89 85.0 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 40.40 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

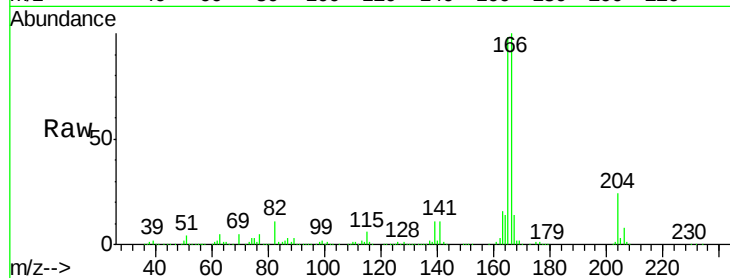
Tgt Ion:166 Resp: 1079605

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.8

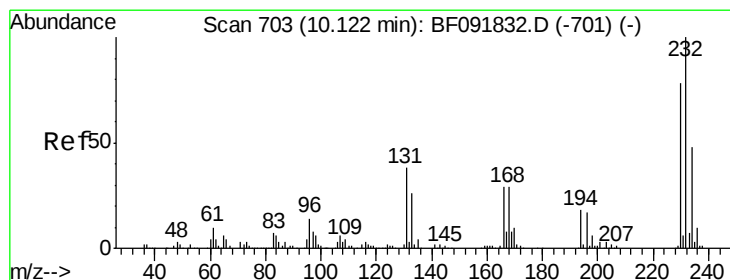
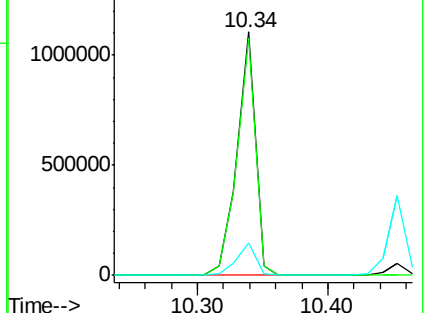
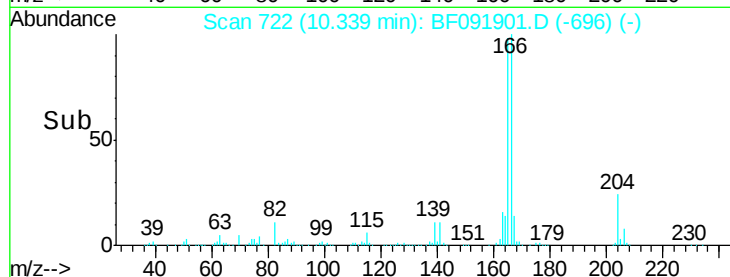
167 13.5 10.8 16.2



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: 28.47 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Tgt Ion:232 Resp: 196989

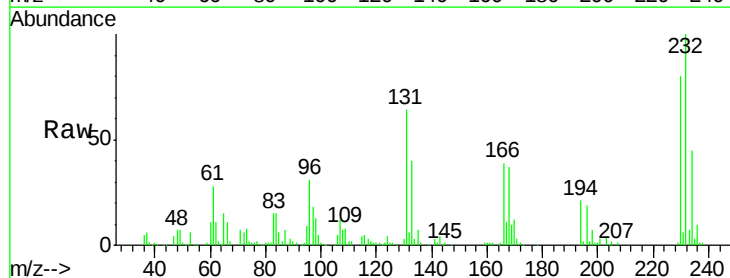
Ion Ratio Lower Upper

232 100

131 50.3 40.1 60.1

130 2.3 1.8 2.8

166 31.3 26.6 39.8

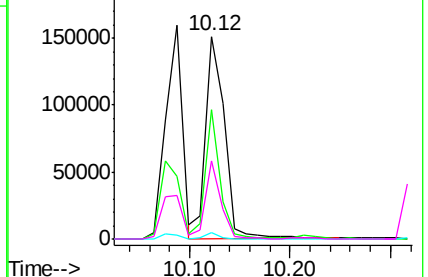
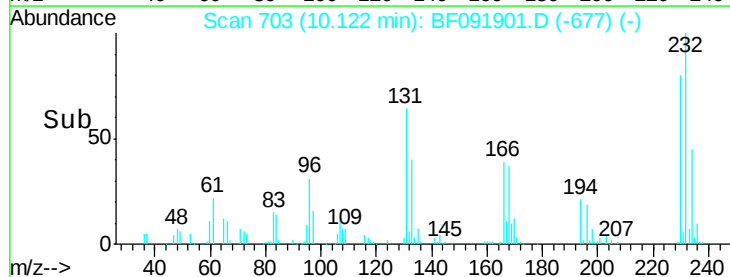


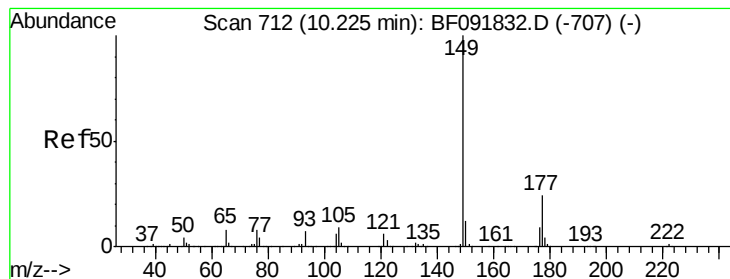
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.39 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

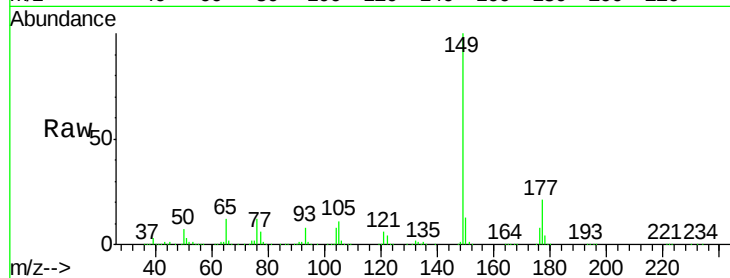
Tgt Ion:149 Resp: 1146980

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

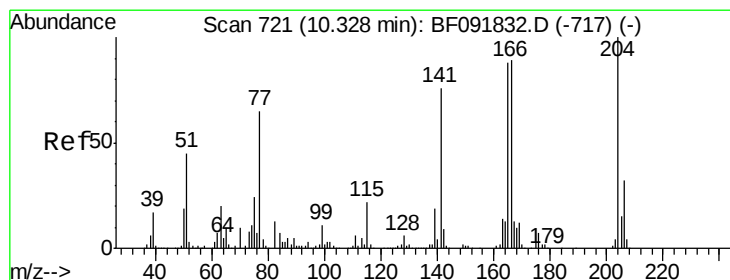
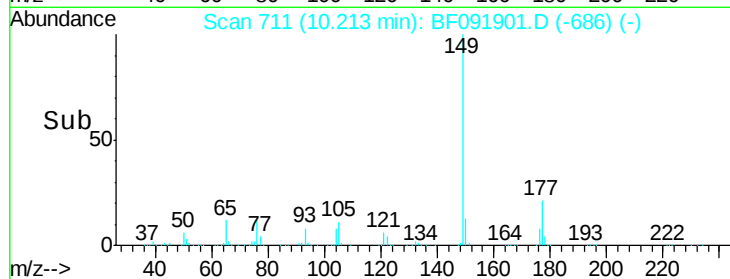
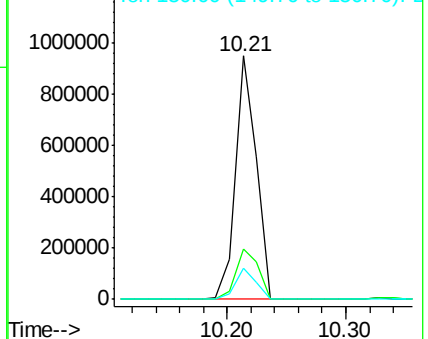
150 12.8 10.4 15.6



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: 40.19 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

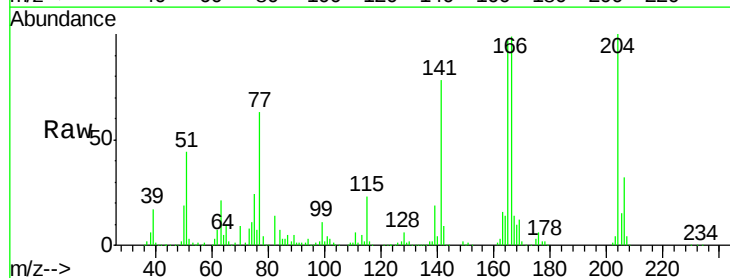
Tgt Ion:204 Resp: 470230

Ion Ratio Lower Upper

204 100

206 32.4 25.8 38.6

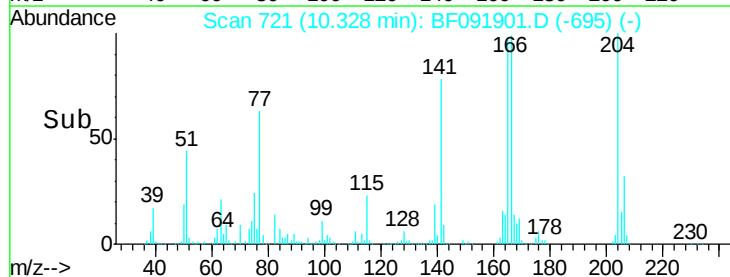
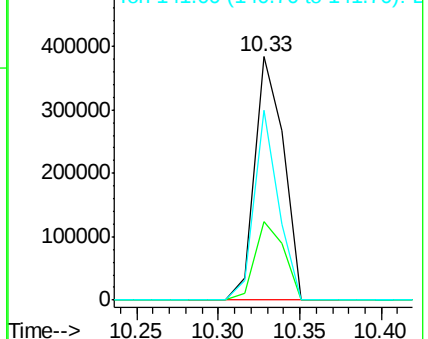
141 77.8 59.4 89.0

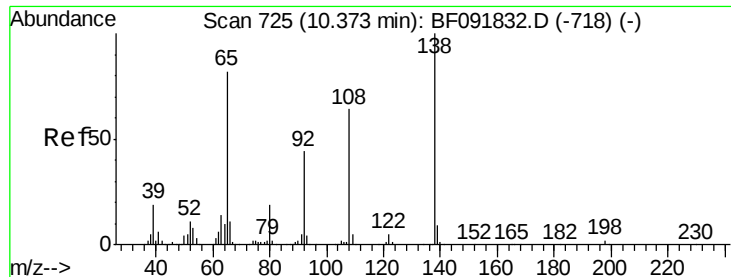


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

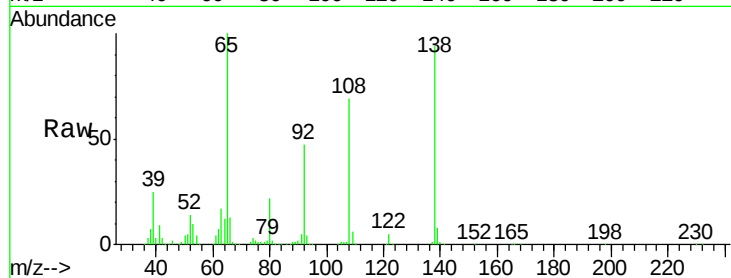




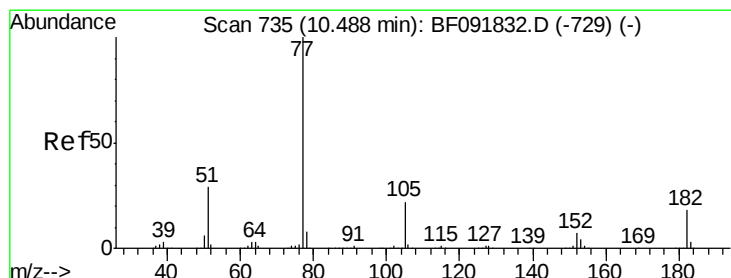
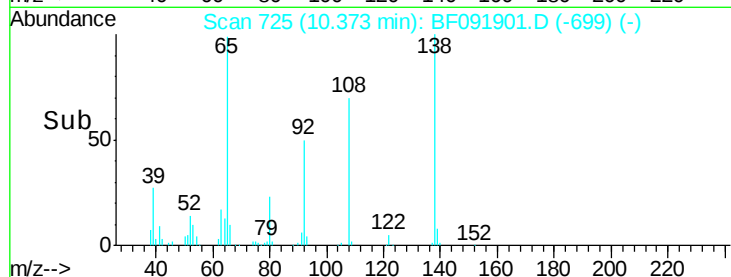
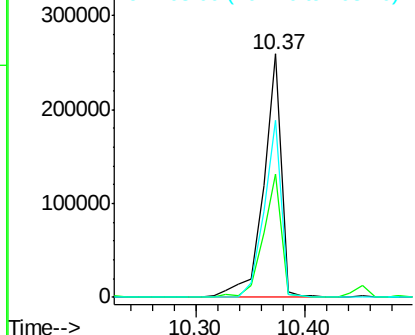
#61
4-Nitroaniline
Concen: 34.22 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 295551
Ion Ratio Lower Upper
138 100
92 50.4 31.7 71.7
108 72.9 52.6 92.6

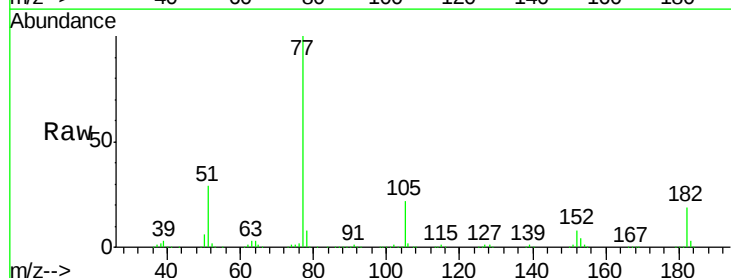


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

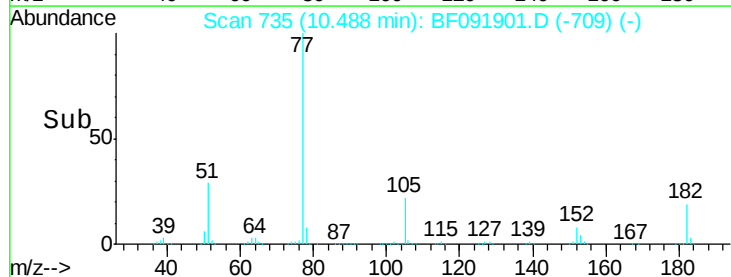
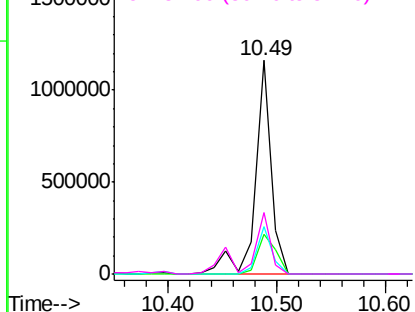


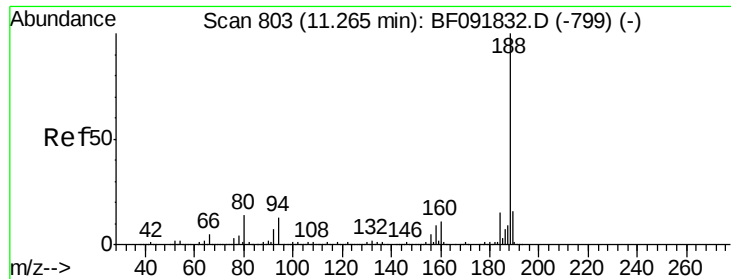
#62
Azobenzene
Concen: 36.44 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion: 77 Resp: 1198735
Ion Ratio Lower Upper
77 100
182 18.8 0.0 39.3
105 22.2 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

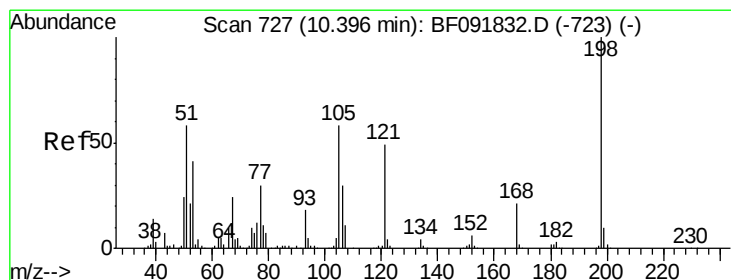
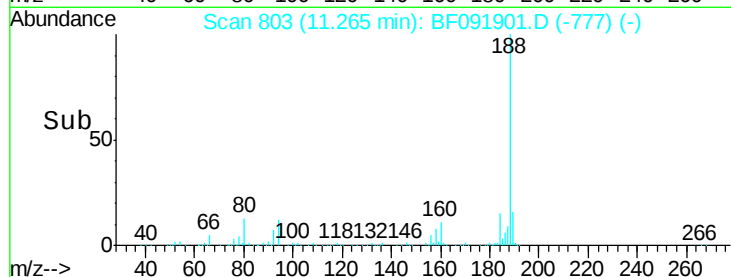
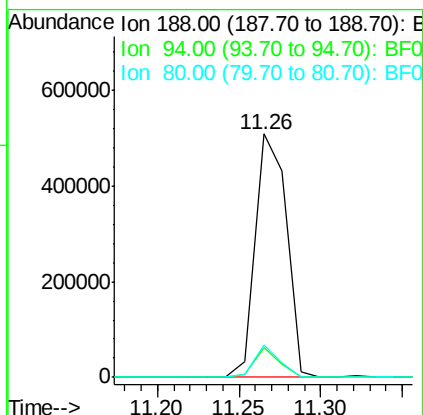
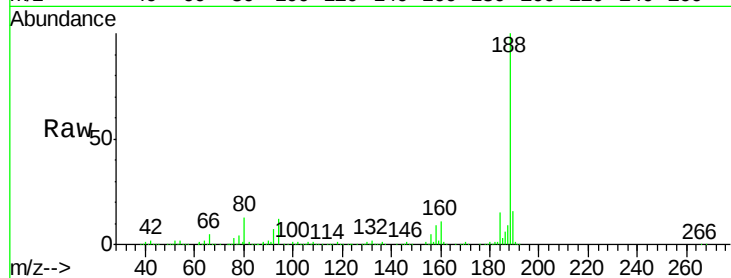




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

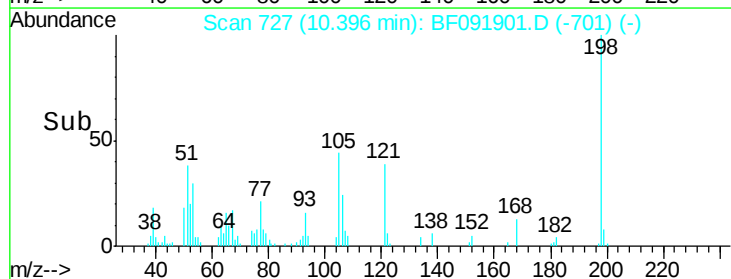
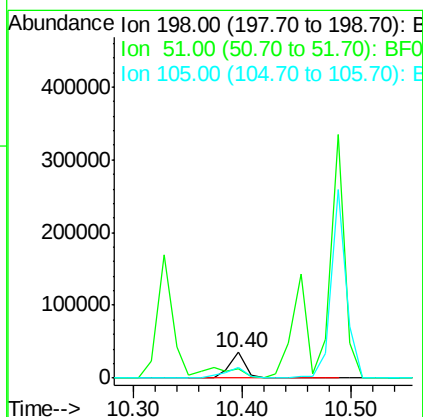
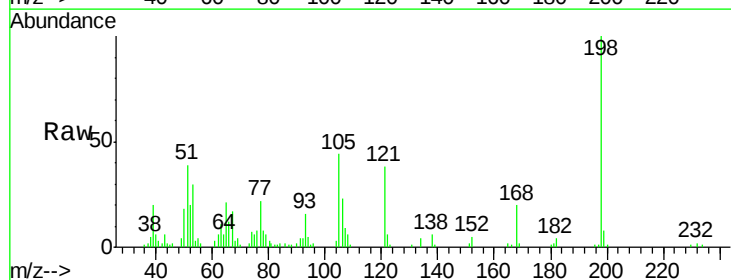
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

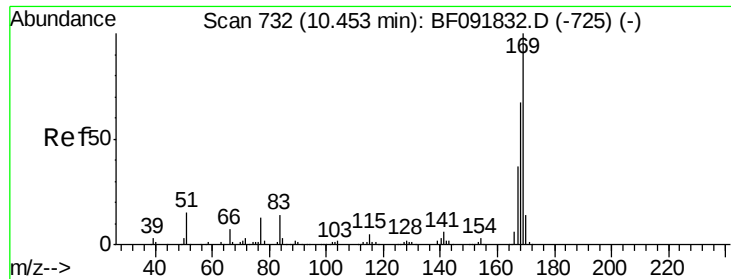
Tgt Ion:188 Resp: 677928
Ion Ratio Lower Upper
188 100
94 12.2 10.0 15.0
80 13.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.89 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion:198 Resp: 36464
Ion Ratio Lower Upper
198 100
51 38.7 6.7 46.7
105 43.5 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 44.35 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

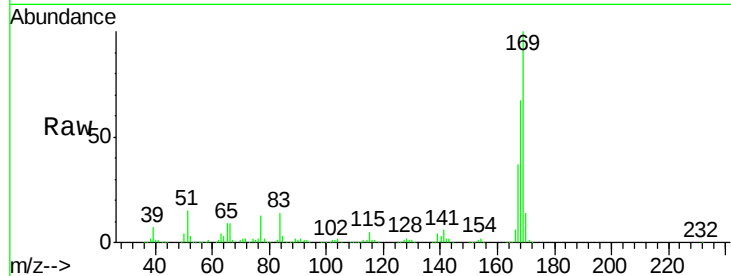
Tgt Ion:169 Resp: 892119

Ion Ratio Lower Upper

169 100

168 66.6 54.2 81.2

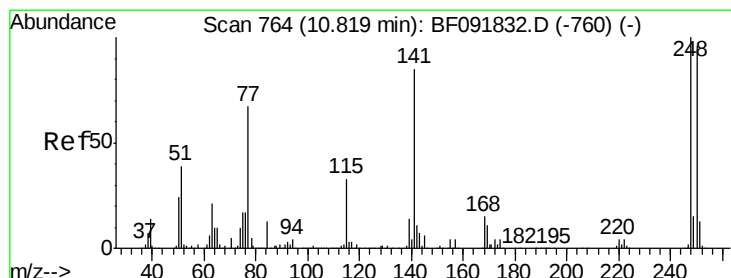
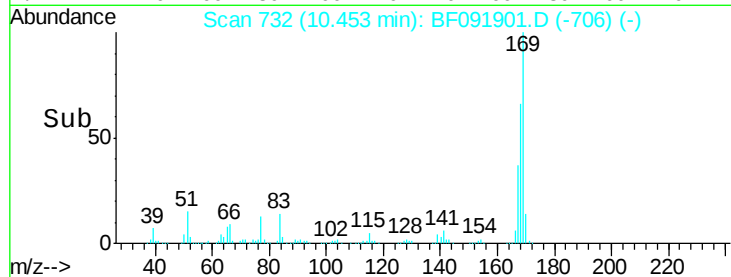
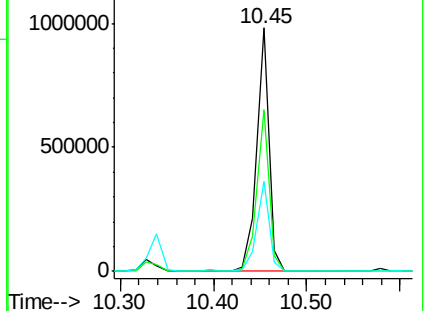
167 36.9 30.2 45.4



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: 43.09 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

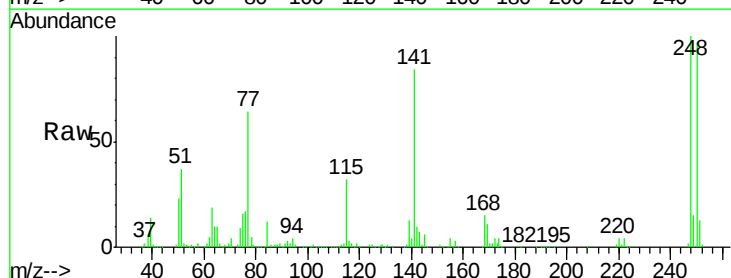
Tgt Ion:248 Resp: 303843

Ion Ratio Lower Upper

248 100

250 97.0 76.9 115.3

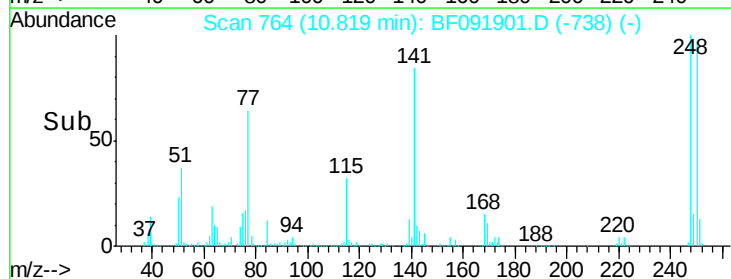
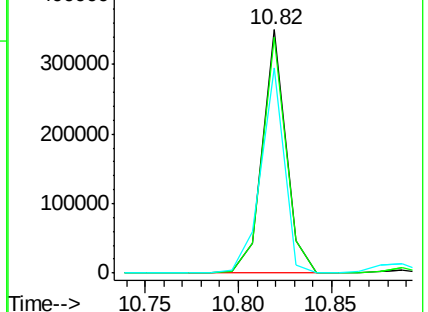
141 84.4 68.2 102.4

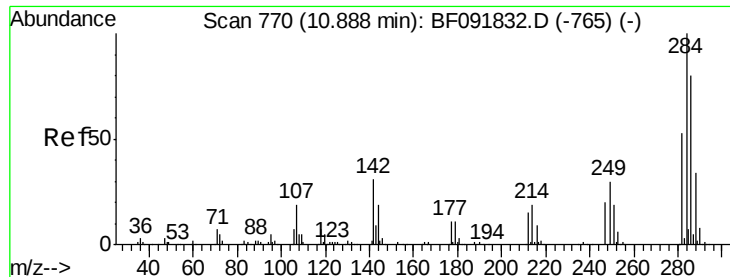


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

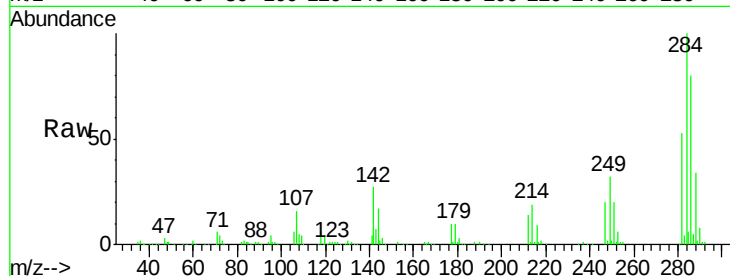




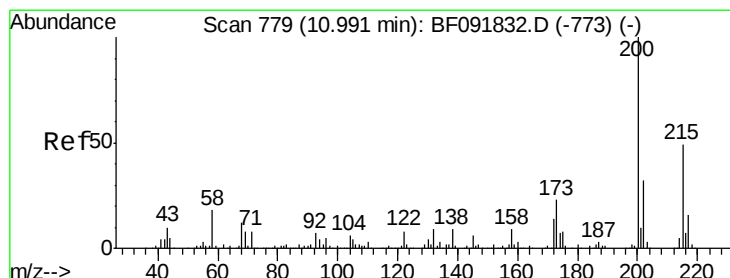
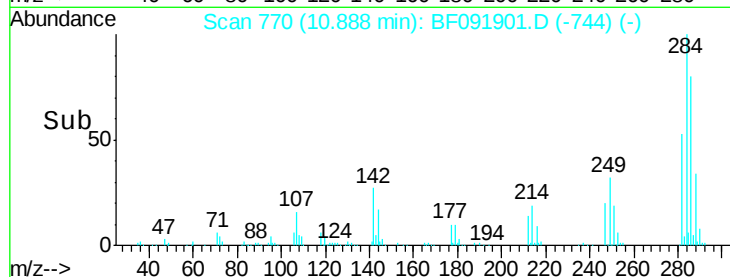
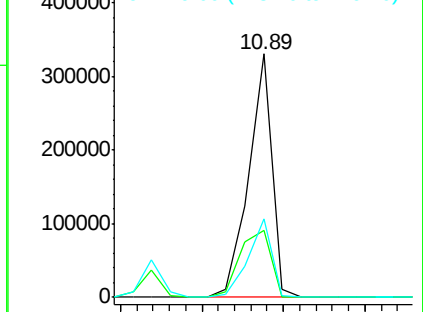
#67
Hexachlorobenzene
Concen: 43.37 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 326887
Ion Ratio Lower Upper
284 100
142 27.4 22.6 33.8
249 32.1 25.4 38.0

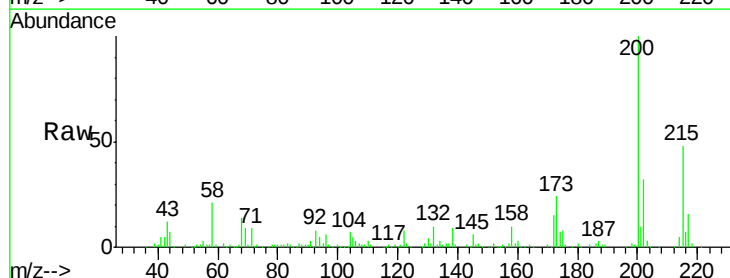


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

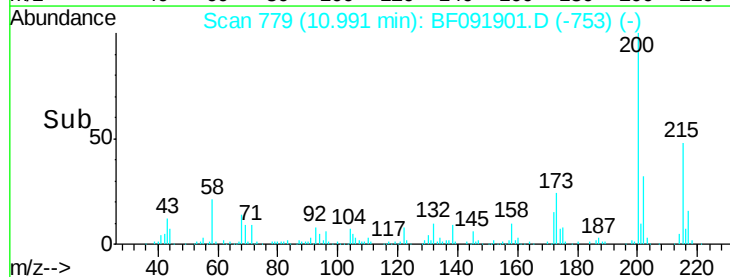
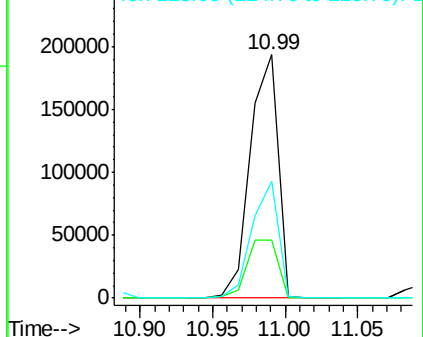


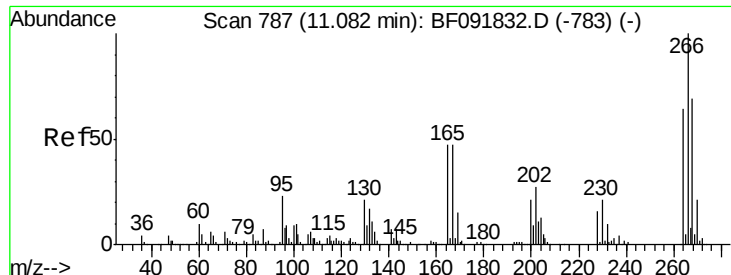
#68
Atrazine
Concen: 39.68 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion: 200 Resp: 257497
Ion Ratio Lower Upper
200 100
173 23.8 9.6 49.6
215 47.9 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

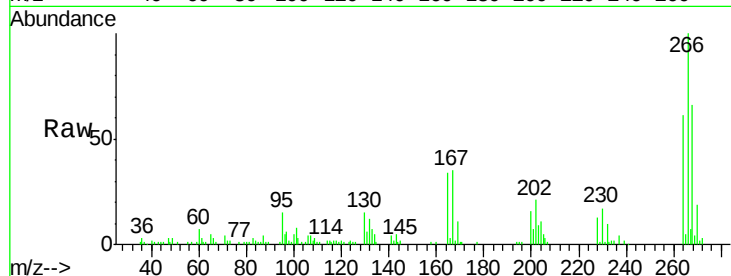




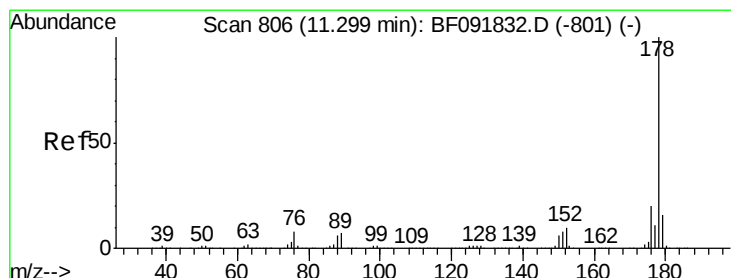
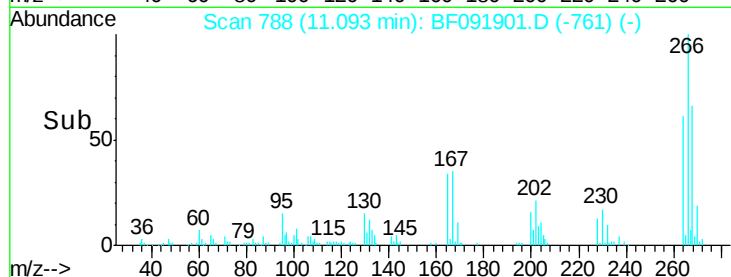
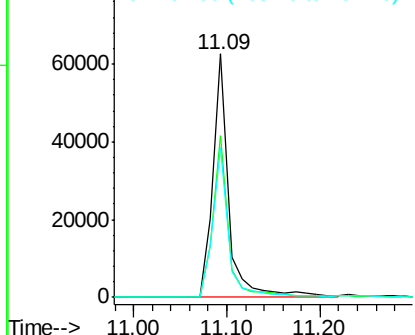
#69
 Pentachlorophenol
 Concen: 20.11 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 74361
 Ion Ratio Lower Upper
 266 100
 268 66.3 53.3 79.9
 264 61.4 50.3 75.5

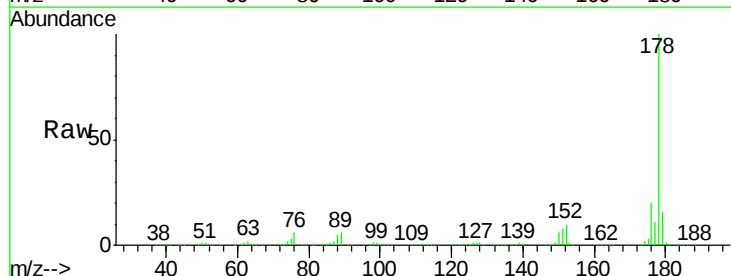


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

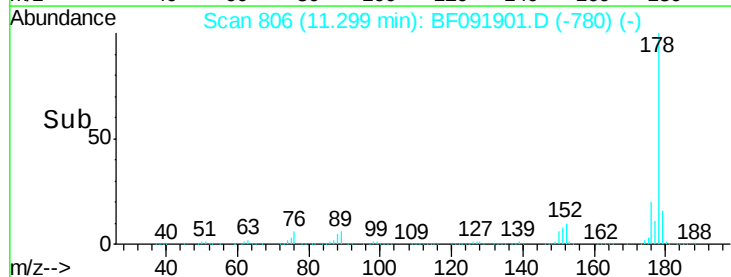
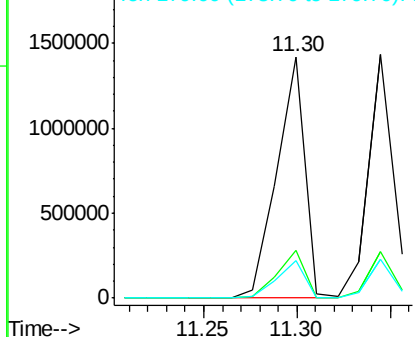


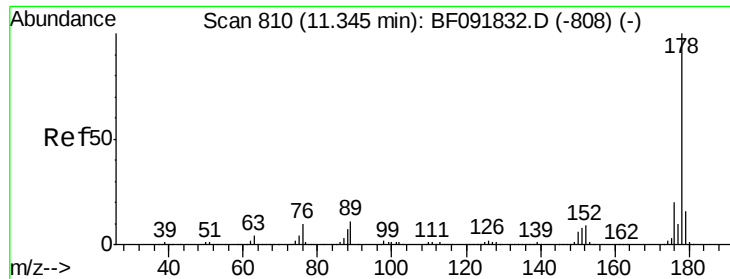
#70
 Phenanthrene
 Concen: 40.34 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:178 Resp: 1483037
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.6 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

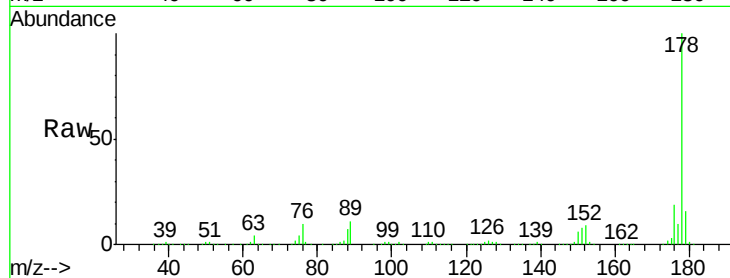




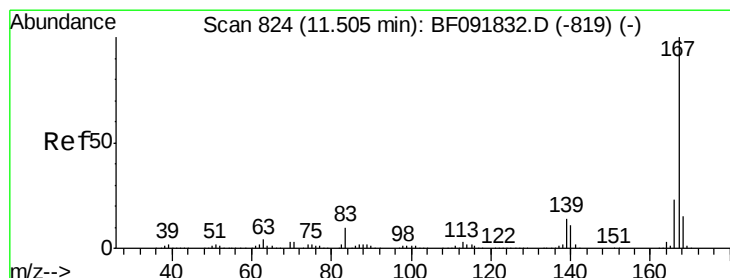
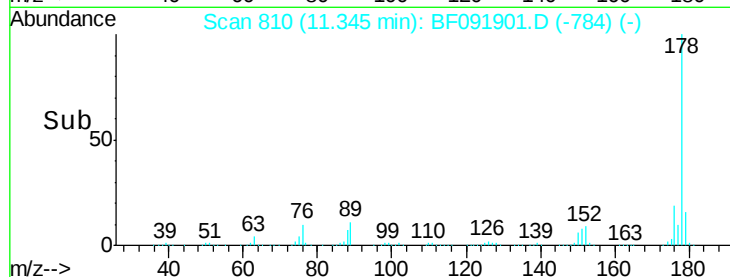
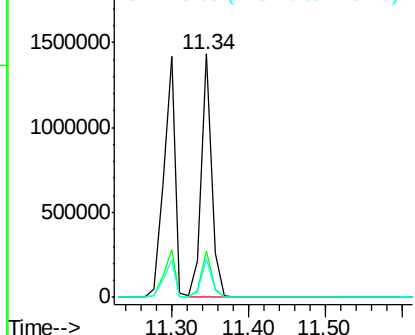
#71
 Anthracene
 Concen: 38.72 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1323182
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.9 13.2 19.8

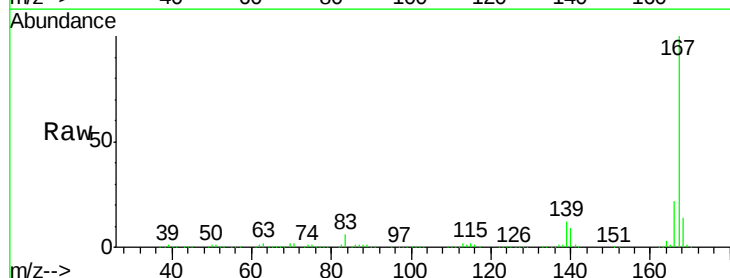


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

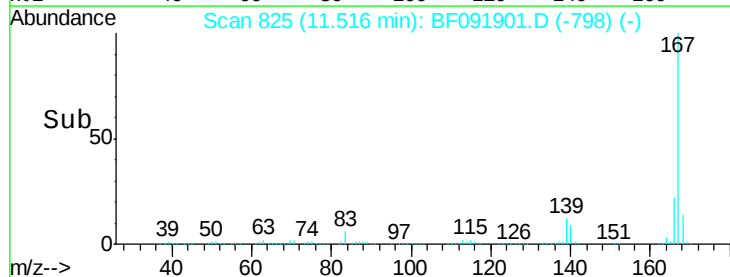
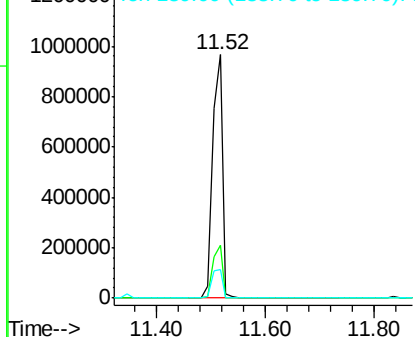


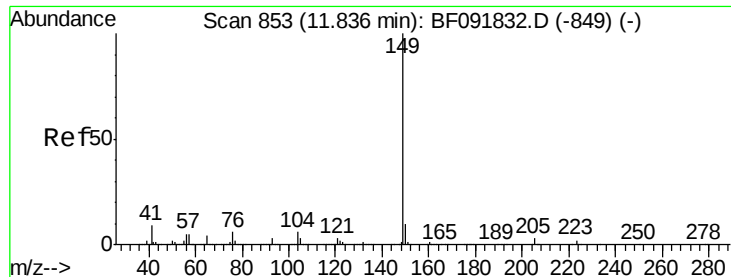
#72
 Carbazole
 Concen: 38.52 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion:167 Resp: 1240860
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 11.9 11.4 17.2



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





#73

Di-n-butylphthalate

Concen: 47.92 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

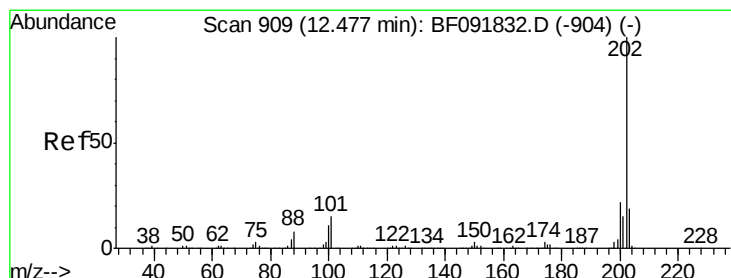
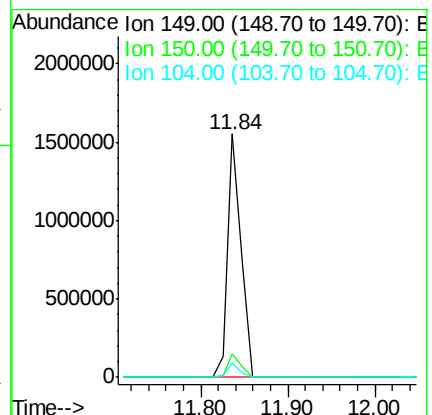
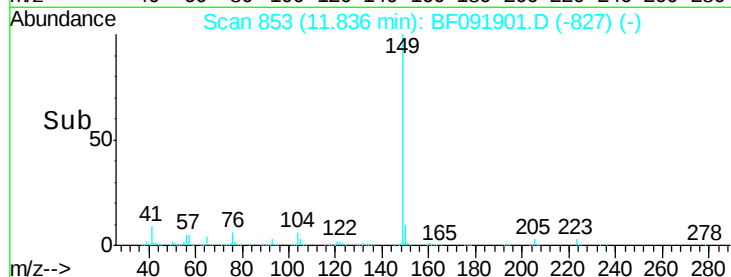
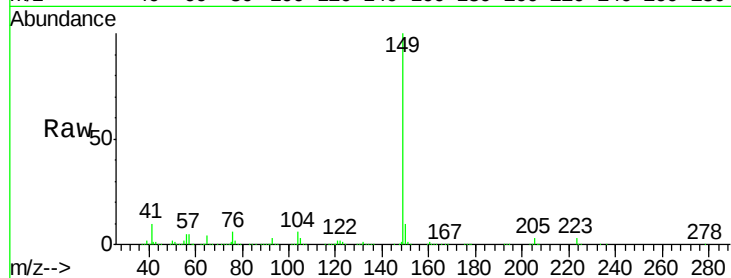
Tgt Ion:149 Resp: 1659944

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

104 5.8 4.6 7.0



#74

Fluoranthene

Concen: 37.50 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

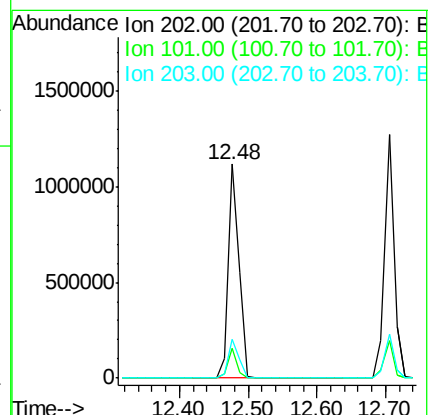
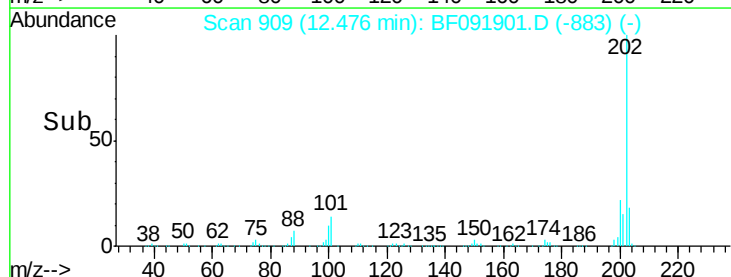
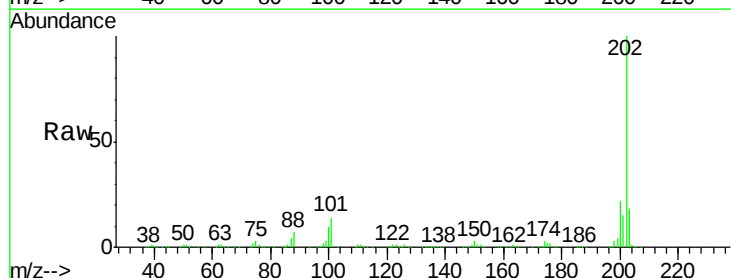
Tgt Ion:202 Resp: 1229806

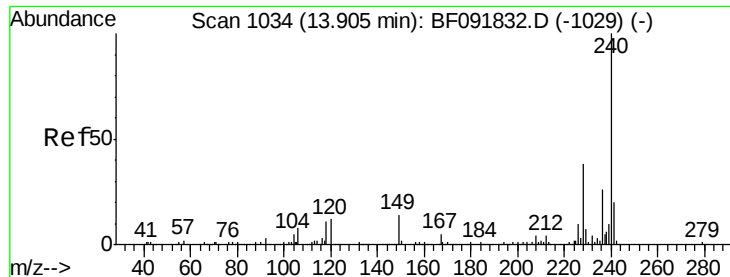
Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.6

203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

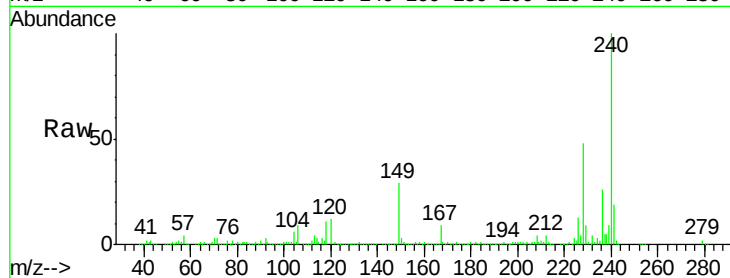
Tgt Ion:240 Resp: 454864

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

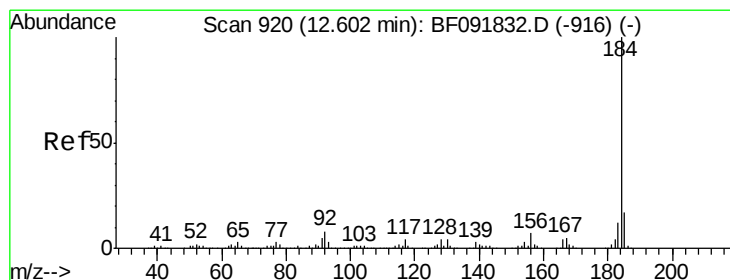
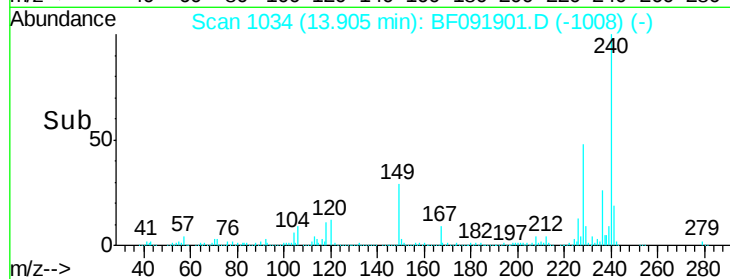
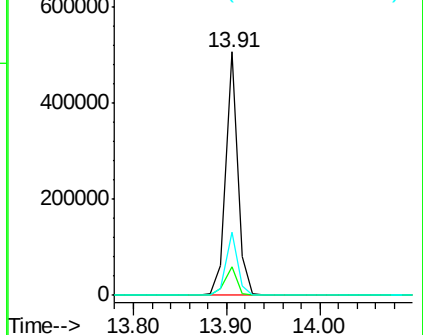
236 25.7 20.9 31.3



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: 30.09 ng

RT: 12.61 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

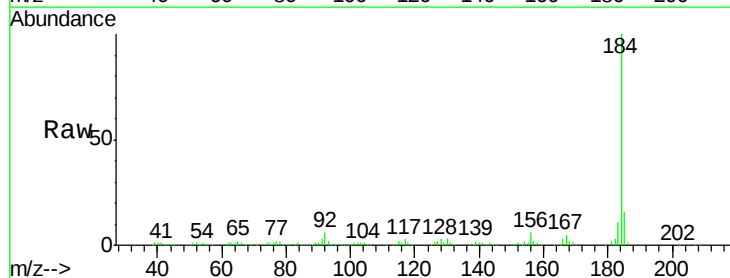
Tgt Ion:184 Resp: 378667

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

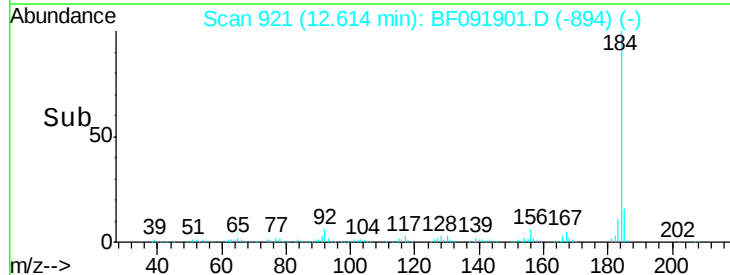
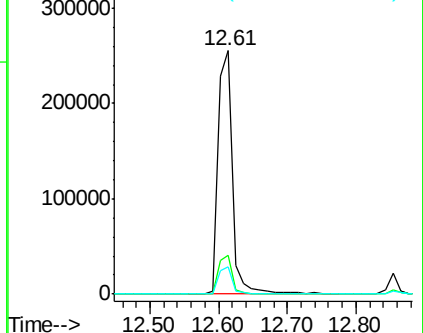
183 11.3 9.2 13.8

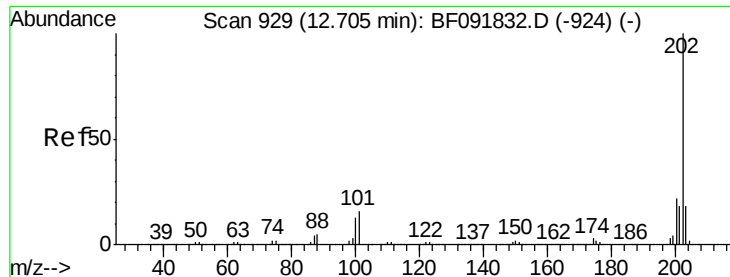


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

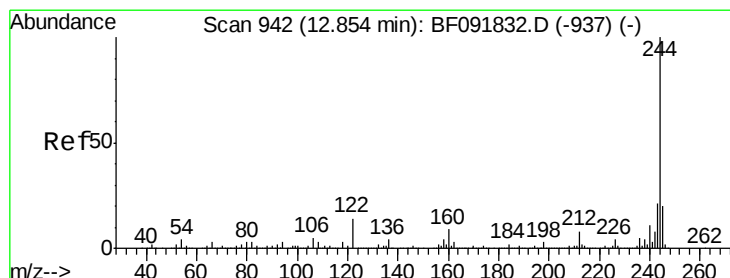
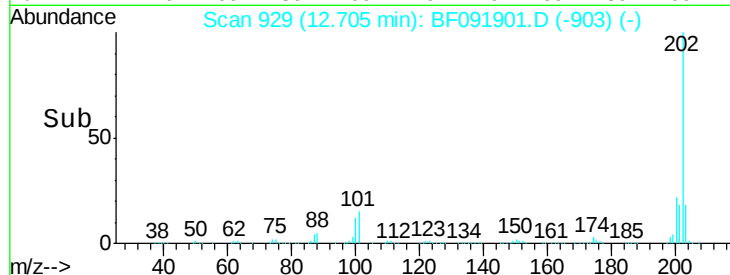
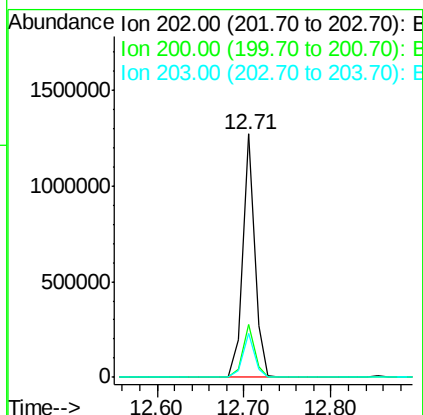
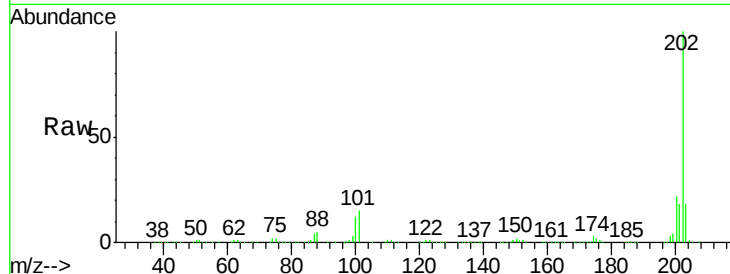




#77
 Pyrene
 Concen: 36.05 ng
 RT: 12.71 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

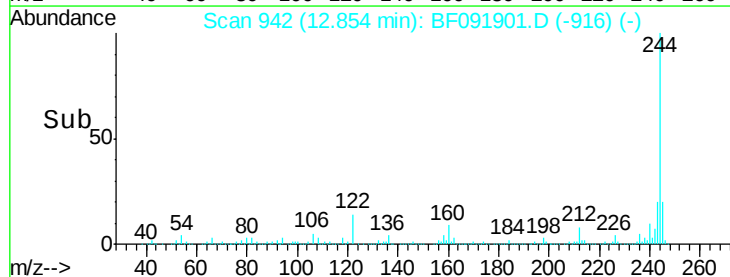
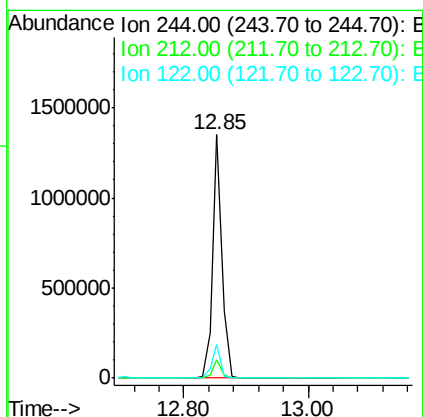
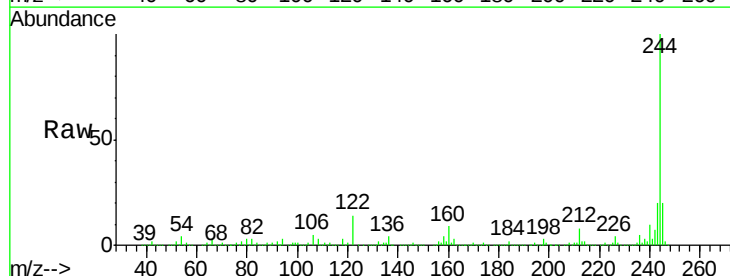
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

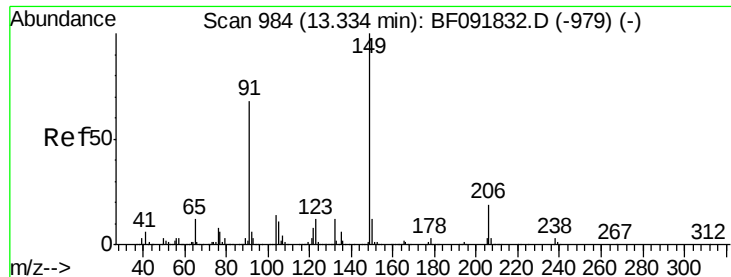
Tgt Ion: 202 Resp: 1203164
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 17.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 73.07 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion: 244 Resp: 1370458
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.1 11.4 17.2

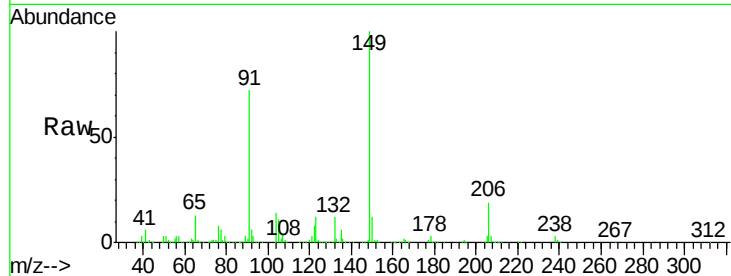




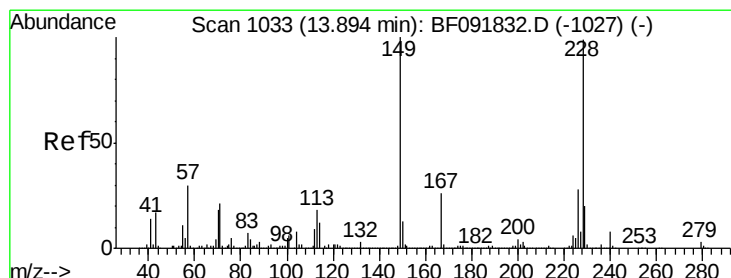
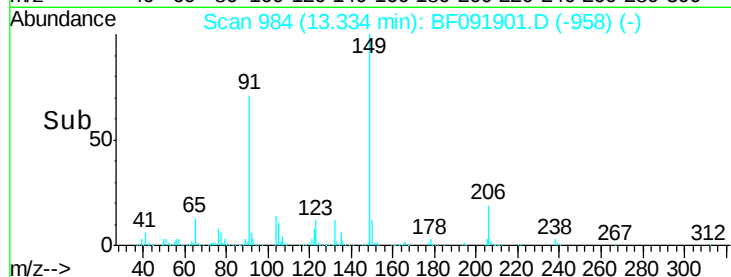
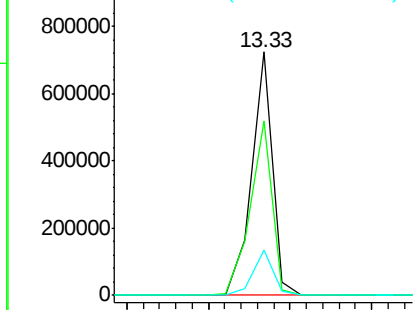
#79
Butylbenzylphthalate
Concen: 42.15 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	63.9	95.9
206	18.7	14.6	21.8

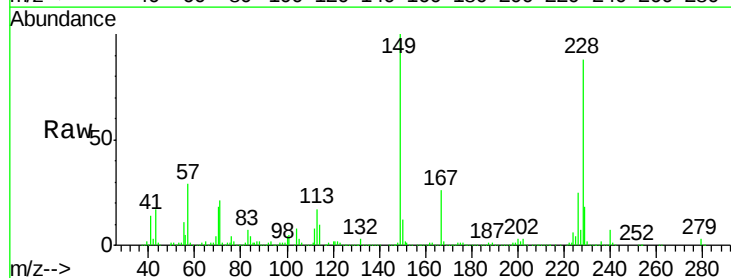


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

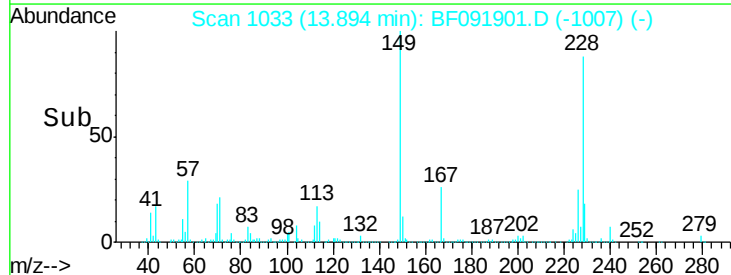
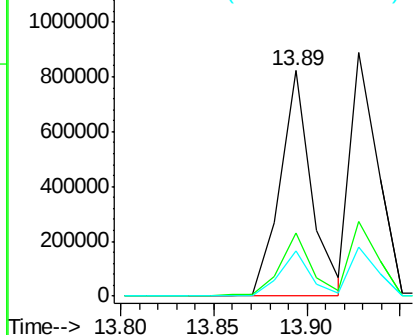


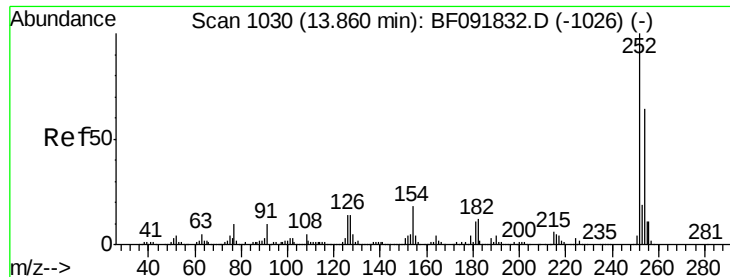
#80
Benzo(a)anthracene
Concen: 37.43 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091901.D
Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.0	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

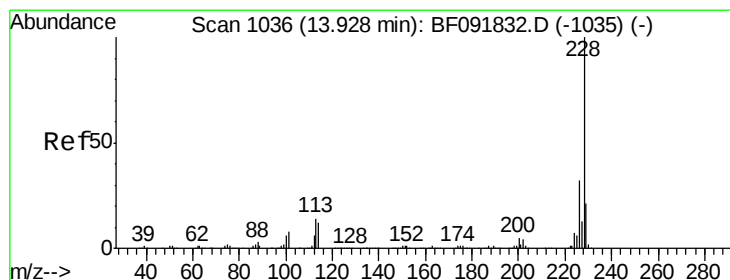
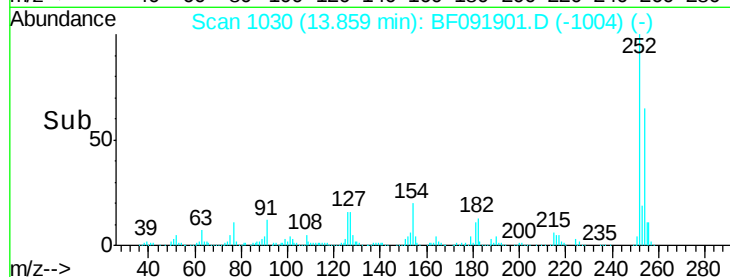
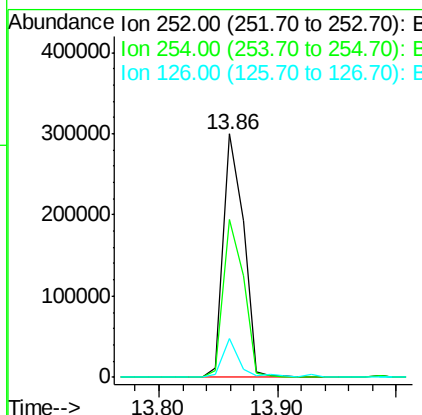
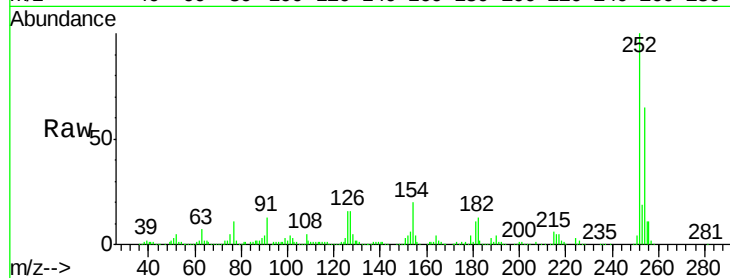




#81
 3,3'-Dichlorobenzidine
 Concen: 36.61 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

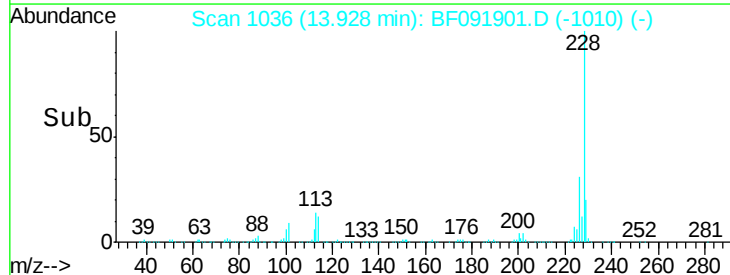
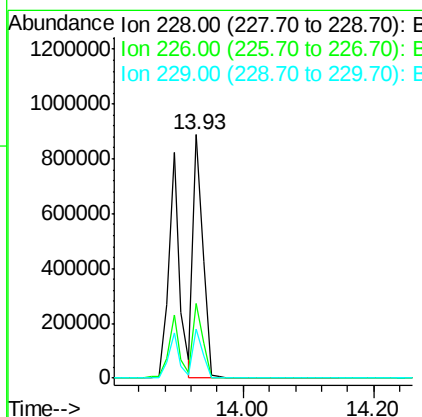
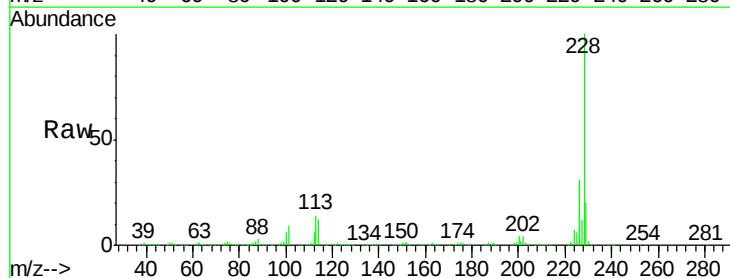
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

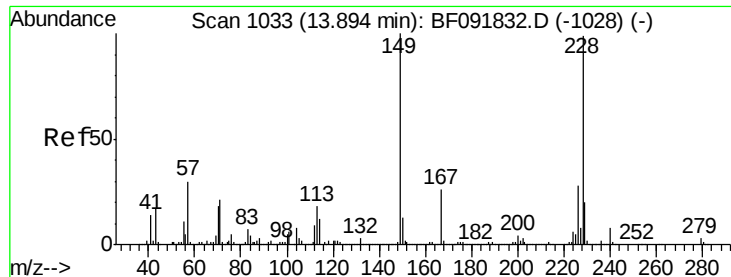
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	16.0	13.6	20.4



#82
 Chrysene
 Concen: 35.92 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	20.3	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.12 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

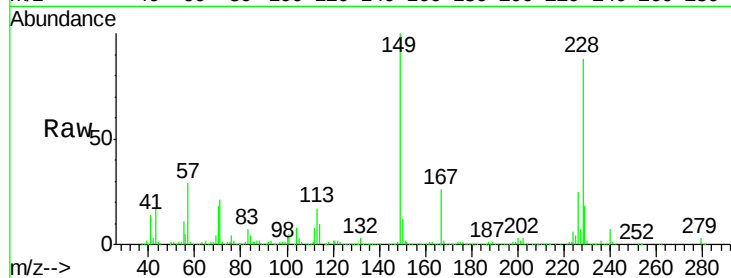
Tgt Ion:149 Resp: 842274

Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.4

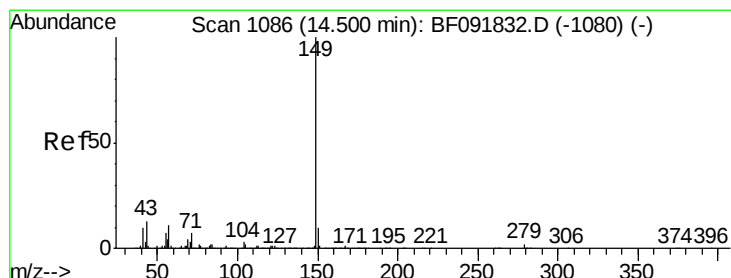
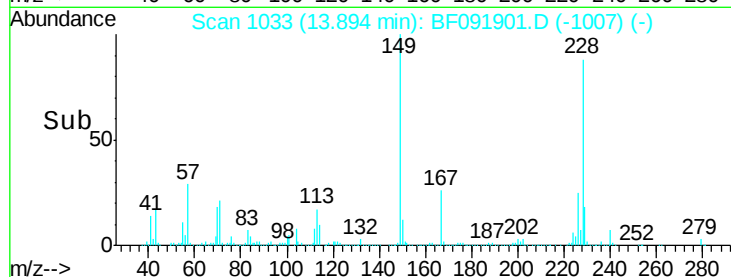
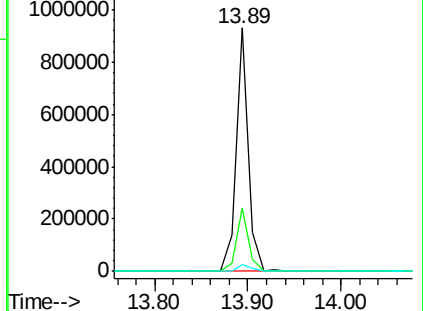
279 2.8 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.49 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

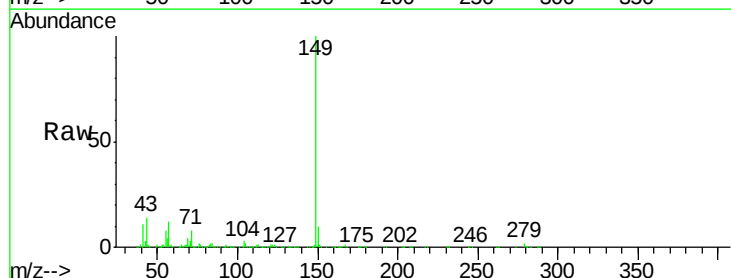
Tgt Ion:149 Resp: 1373702

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

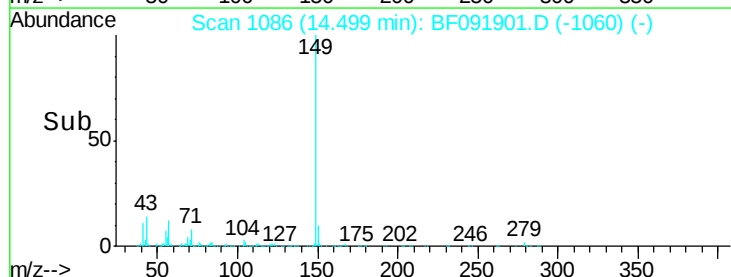
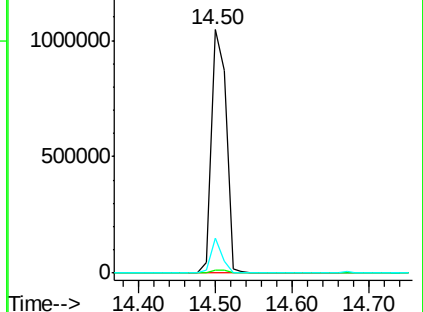
43 11.0 8.9 13.3

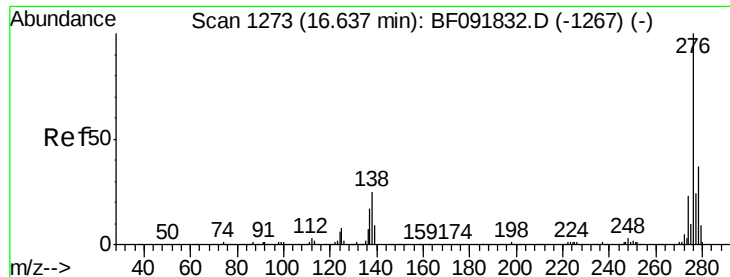


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

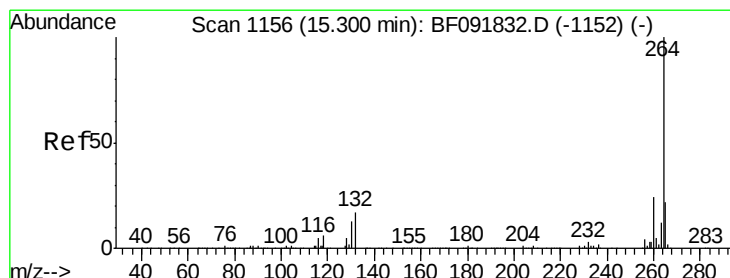
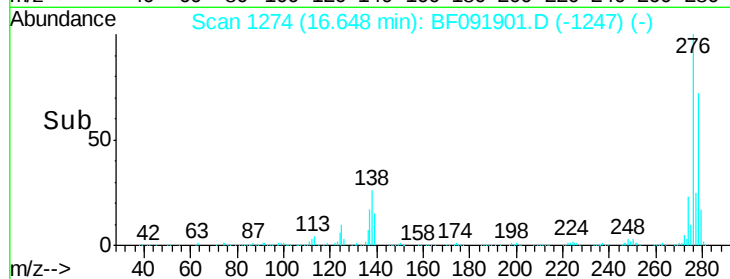
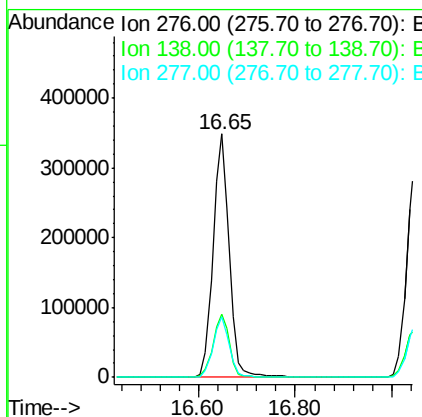
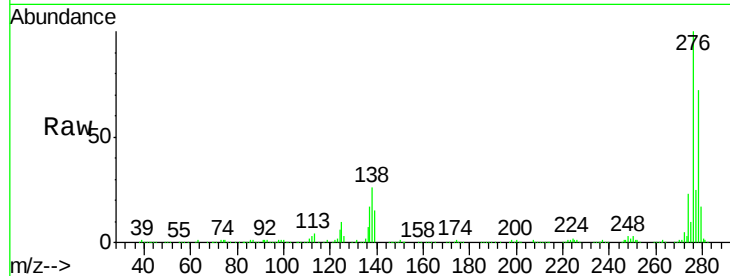




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.93 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

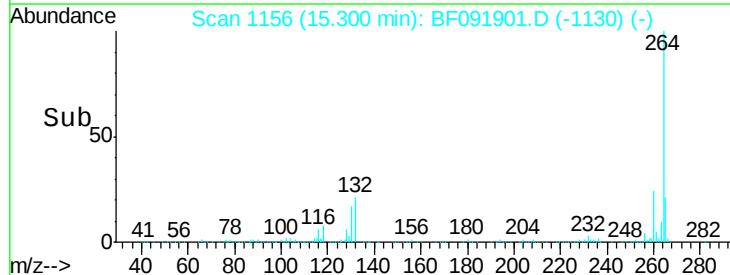
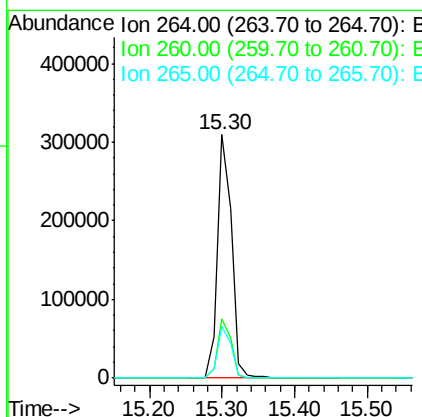
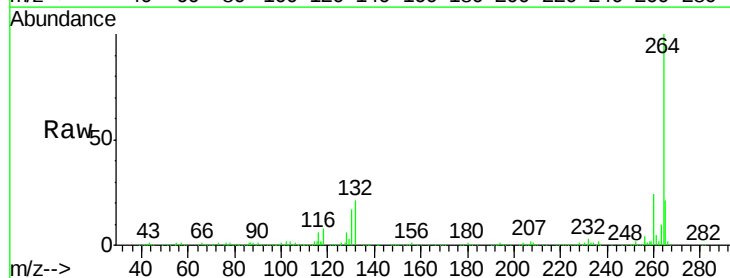
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

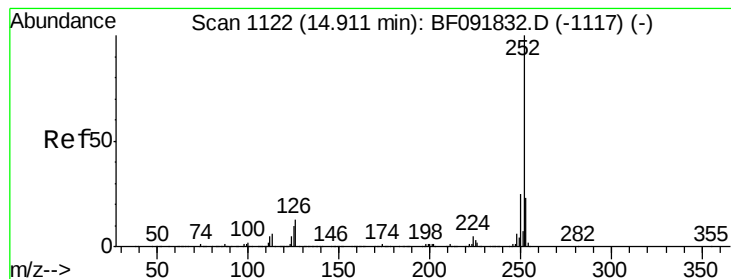
Tgt Ion: 276 Resp: 823933
 Ion Ratio Lower Upper
 276 100
 138 26.4 21.8 32.6
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091901.D
 Acq: 23 Dec 2016 3:03

Tgt Ion: 264 Resp: 418054
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.2 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 74.07 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

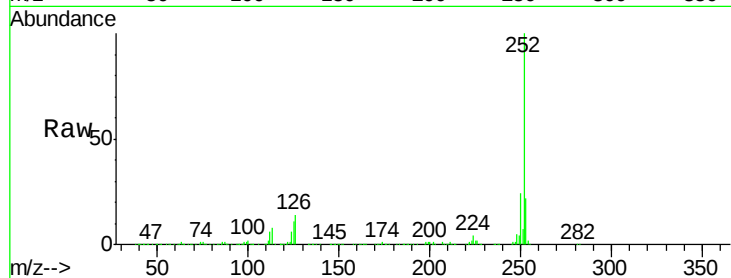
Tgt Ion:252 Resp: 1927952

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

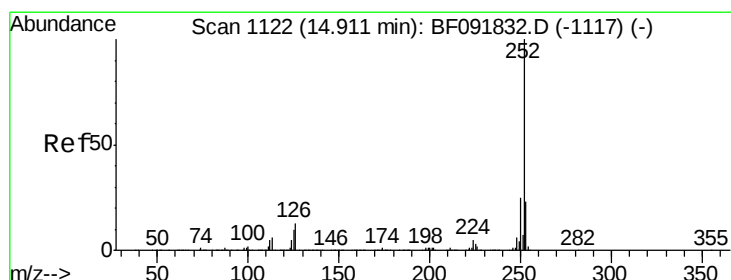
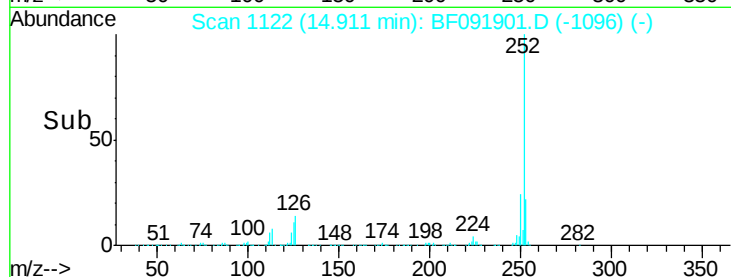
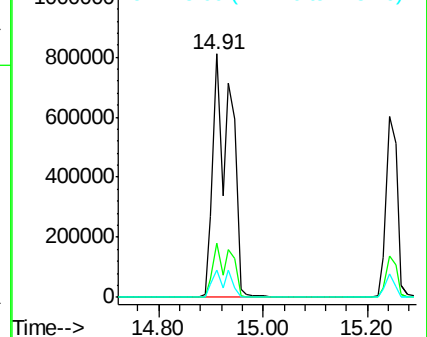
125 11.1 9.8 14.6



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: 86.87 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

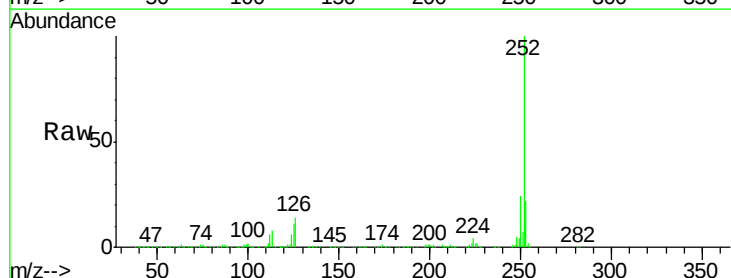
Tgt Ion:252 Resp: 1927952

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

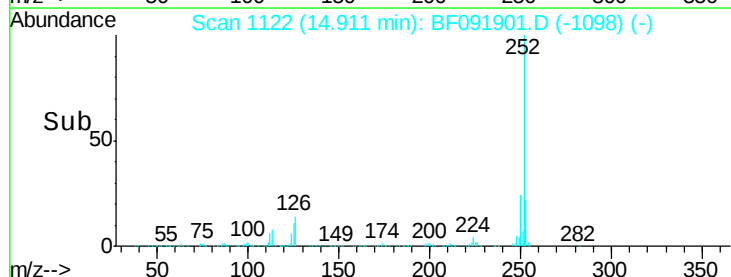
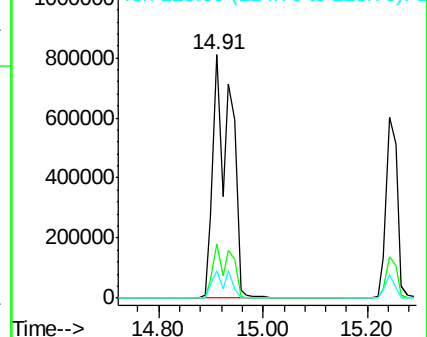
125 11.1 8.9 13.3

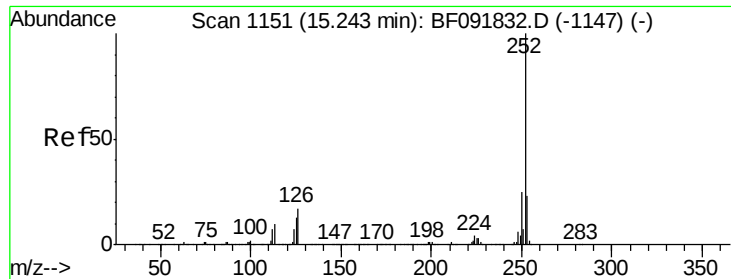


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.38 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

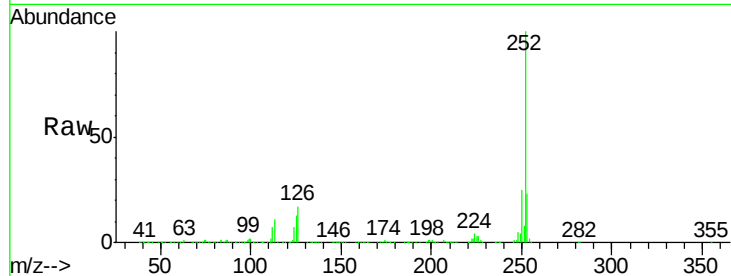
Tgt Ion:252 Resp: 909777

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

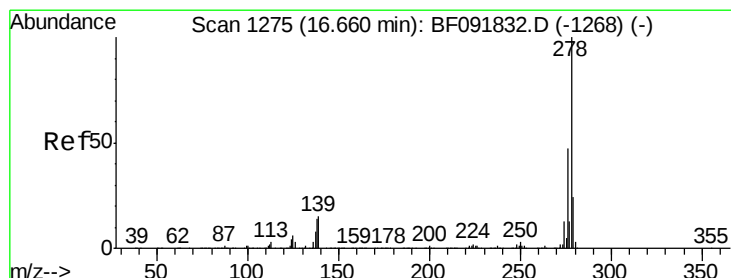
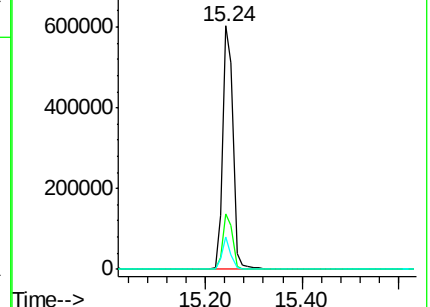
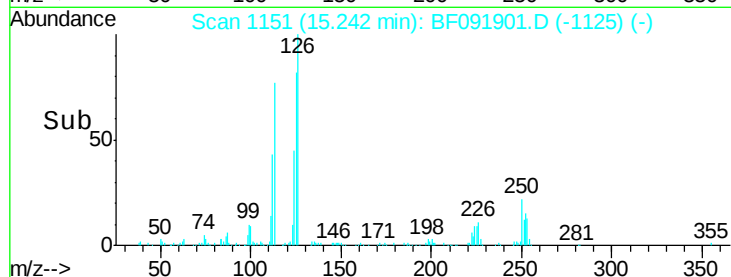
125 13.3 10.0 15.0



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: 37.33 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

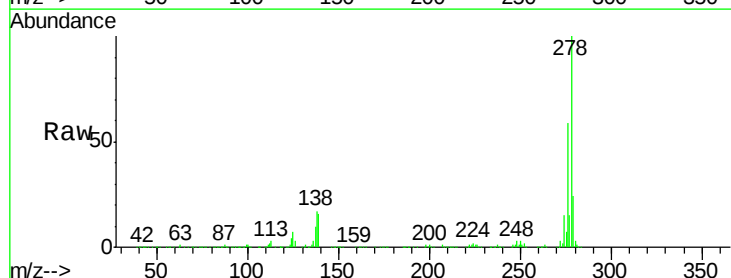
Tgt Ion:278 Resp: 708814

Ion Ratio Lower Upper

278 100

139 16.2 14.8 22.2

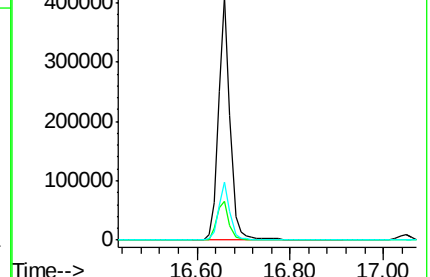
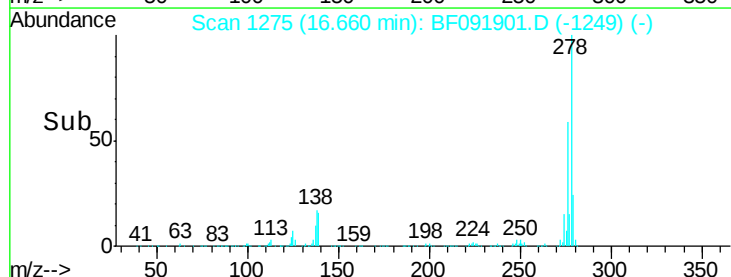
279 23.9 19.8 29.6

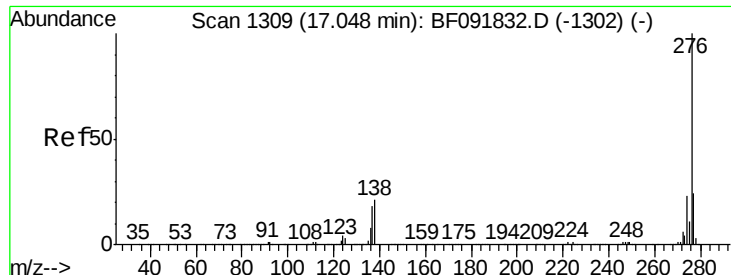


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.24 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF091901.D

Acq: 23 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

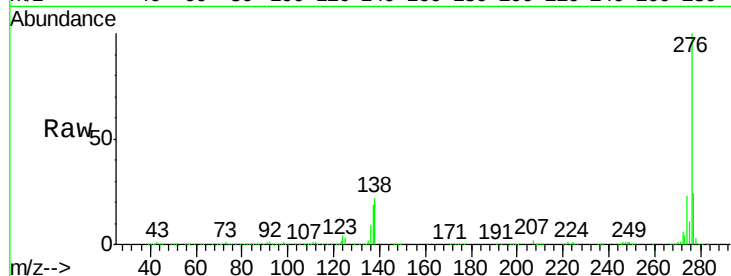
Tgt Ion: 276 Resp: 675952

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 21.6 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

