

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091720.D
 Acq On : 17 Dec 2016 23:48
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 18 02:55:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	303044	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1226272	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	666792	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1092174	20.00	ng	0.00
75) Chrysene-d12	13.93	240	813251	20.00	ng	0.00
86) Perylene-d12	15.33	264	876063	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1589860	87.90	ng	0.00
7) Phenol-d6	6.42	99	1936612	87.79	ng	0.00
23) Nitrobenzene-d5	7.34	82	1873979	88.13	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	461277	81.58	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2794030	84.18	ng	0.00
78) Terphenyl-d14	12.88	244	2533958	78.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	447970	50.29	ng	99
3) Pyridine	3.00	79	1166175	40.64	ng	96
4) n-Nitrosodimethylamine	2.96	42	479593	43.18	ng	100
6) Aniline	6.43	93	1208395	42.57	ng	91
8) 2-Chlorophenol	6.56	128	860621	43.23	ng	97
9) Benzaldehyde	6.32	77	600888	49.96	ng	98
10) Phenol	6.43	94	1155036	46.45	ng	98
11) bis(2-Chloroethyl)ether	6.51	93	864978	43.56	ng	99
12) 1,3-Dichlorobenzene	6.70	146	887262	40.58	ng	# 89
13) 1,4-Dichlorobenzene	6.78	146	868114	39.24	ng	100
14) 1,2-Dichlorobenzene	6.94	146	906234	46.76	ng	98
15) Benzyl Alcohol	6.92	79	751332	43.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1308322	43.12	ng	99
17) 2-Methylphenol	7.04	107	695407	41.80	ng	99
18) Hexachloroethane	7.29	117	366926	44.64	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	605270	41.25	ng	99
20) 3+4-Methylphenols	7.20	107	882217	47.53	ng	# 89
22) Acetophenone	7.18	105	1246777	42.11	ng	100
24) Nitrobenzene	7.36	77	868547	38.04	ng	98
25) Isophorone	7.61	82	1794257	44.22	ng	99
26) 2-Nitrophenol	7.68	139	510223	46.32	ng	95
27) 2,4-Dimethylphenol	7.72	122	801586	44.60	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	981755	41.36	ng	100
29) 2,4-Dichlorophenol	7.92	162	645697	38.96	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	732528	40.78	ng	# 95
31) Naphthalene	8.08	128	2301282	39.28	ng	100
32) Benzoic acid	7.87	122	614429	47.98	ng	98
33) 4-Chloroaniline	8.13	127	1053904	42.71	ng	99
34) Hexachlorobutadiene	8.20	225	442786	43.85	ng	99
35) Caprolactam	8.51	113	240653	45.13	ng	# 62
36) 4-Chloro-3-methylphenol	8.62	107	811100	44.36	ng	97
37) 2-Methylnaphthalene	8.77	142	1606674	43.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	674450	40.58	ng	100
40) Hexachlorocyclopentadiene	8.92	237	311613	44.24	ng	96

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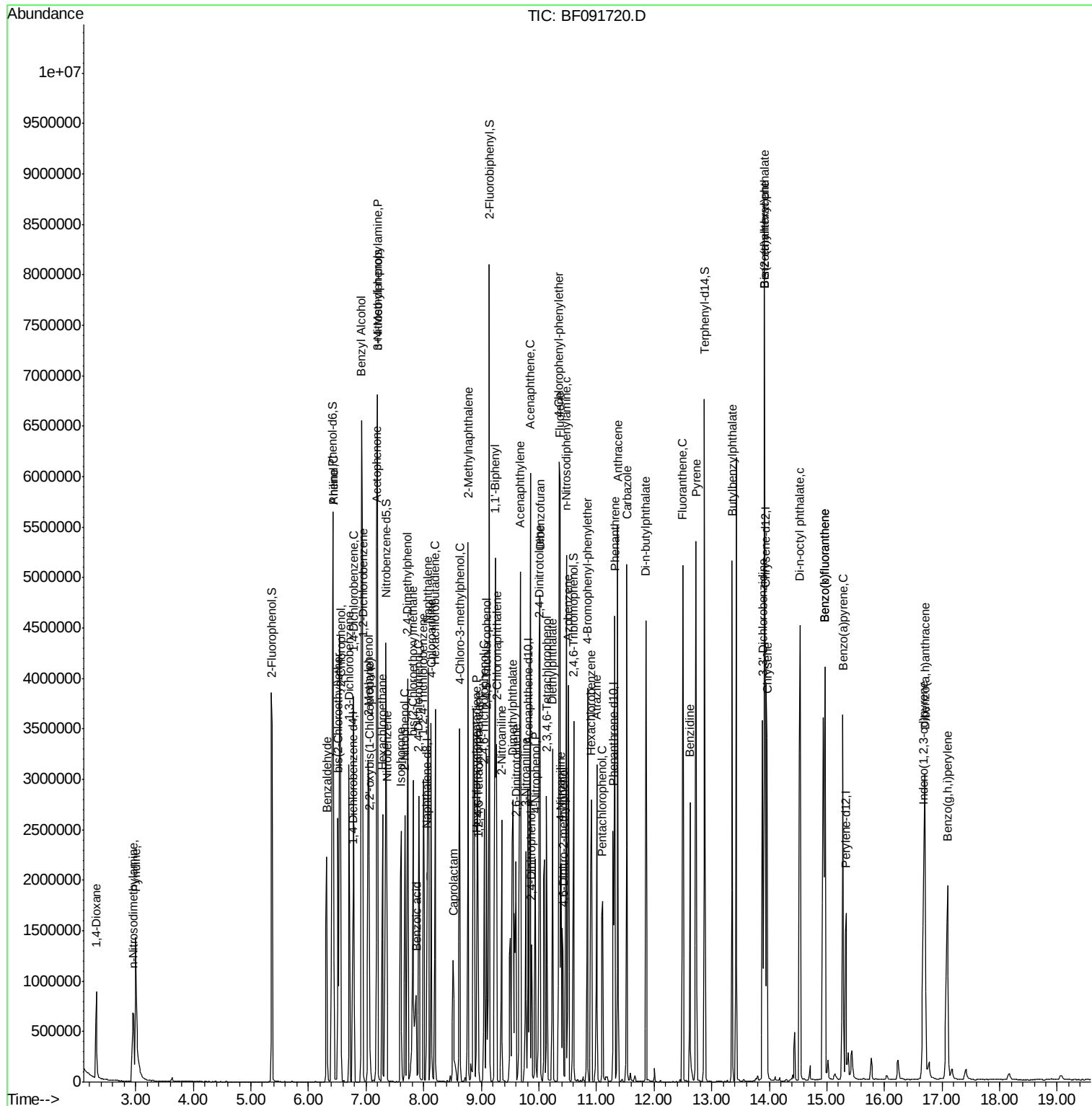
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	497472	41.89	ng	95
43) 2,4,5-Trichlorophenol	9.09	196	480994	41.23	ng	98
45) 1,1'-Biphenyl	9.24	154	2039366	42.67	ng	99
46) 2-Chloronaphthalene	9.26	162	1527355	42.76	ng	97
47) 2-Nitroaniline	9.36	65	496449	40.71	ng	98
48) Acenaphthylene	9.68	152	2318473	41.90	ng	99
49) Dimethylphthalate	9.55	163	1883691	43.25	ng	100
50) 2,6-Dinitrotoluene	9.61	165	443025	46.39	ng	90
51) Acenaphthene	9.85	154	1596550	42.03	ng	99
52) 3-Nitroaniline	9.77	138	476454	40.07	ng	100
53) 2,4-Dinitrophenol	9.87	184	219294	42.51	ng	# 50
54) Dibenzofuran	10.02	168	2000871	44.30	ng	100
55) 4-Nitrophenol	9.94	139	360181	43.62	ng	94
56) 2,4-Dinitrotoluene	10.01	165	561874	47.10	ng	95
57) Fluorene	10.36	166	1635237	46.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	400068	41.48	ng	98
59) Diethylphthalate	10.24	149	1687156	39.41	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	639971	40.05	ng	100
61) 4-Nitroaniline	10.38	138	457351	40.60	ng	100
62) Azobenzene	10.51	77	1822375	40.00	ng	100
64) 4,6-Dinitro-2-methylphenol	10.42	198	336094	46.66	ng	91
65) n-Nitrosodiphenylamine	10.48	169	1424257	42.00	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	465090	40.61	ng	98
67) Hexachlorobenzene	10.91	284	535838	44.65	ng	93
68) Atrazine	11.00	200	428798	41.84	ng	97
69) Pentachlorophenol	11.10	266	311663	48.13	ng	99
70) Phenanthrene	11.32	178	2451525	44.92	ng	99
71) Anthracene	11.37	178	2134233	36.92	ng	100
72) Carbazole	11.53	167	2255492	44.62	ng	100
73) Di-n-butylphthalate	11.86	149	2533647	39.10	ng	99
74) Fluoranthene	12.50	202	2239137	39.28	ng	100
76) Benzidine	12.63	184	1027256	43.88	ng	100
77) Pyrene	12.73	202	2223973	37.87	ng	99
79) Butylbenzylphthalate	13.36	149	1226178	44.61	ng	95
80) Benzo(a)anthracene	13.92	228	1915530	41.18	ng	99
81) 3,3'-Dichlorobenzidine	13.88	252	756390	40.64	ng	98
82) Chrysene	13.96	228	1999266	41.46	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1357532	38.93	ng	99
84) Di-n-octyl phthalate	14.53	149	2795870	43.51	ng	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2063282	43.52	ng	100
87) Benzo(b)fluoranthene	14.97	252	4069670	73.26	ng	# 97
88) Benzo(k)fluoranthene	14.97	252	4069670	104.41	ng	# 98
89) Benzo(a)pyrene	15.28	252	1923895	40.35	ng	99
90) Dibenzo(a,h)anthracene	16.71	278	1702619	40.97	ng	99
91) Benzo(g,h,i)perylene	17.09	276	1772342	41.96	ng	96

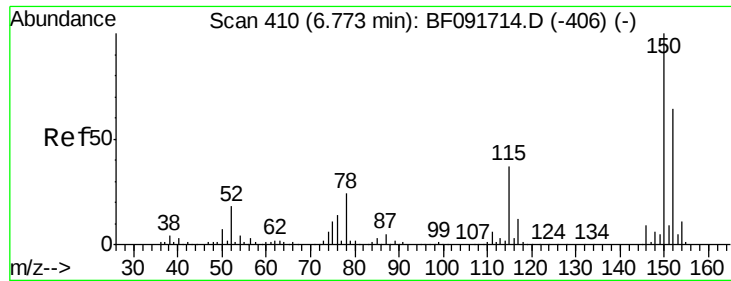
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 6      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

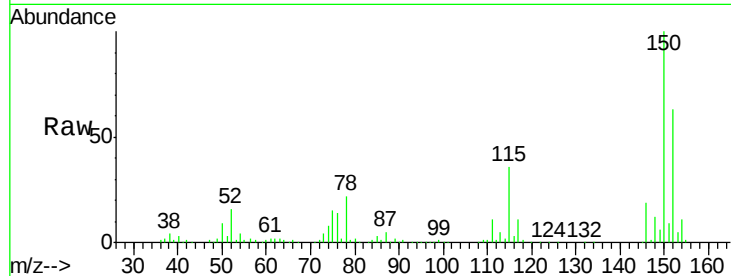
Tgt Ion:152 Resp: 303044

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

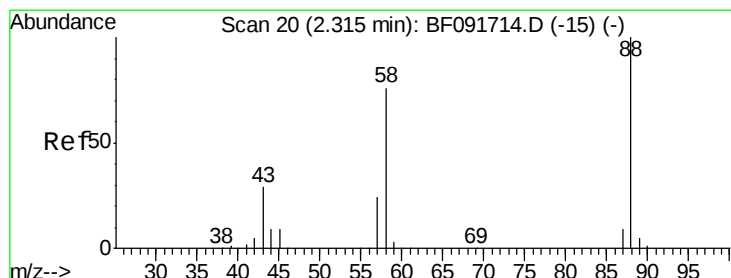
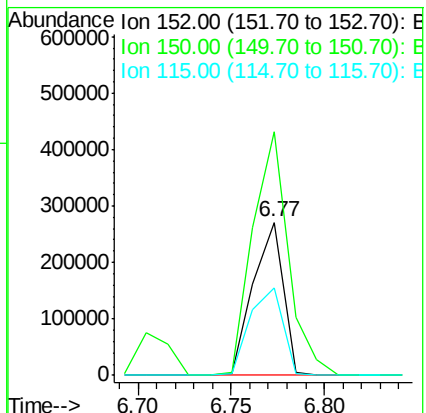
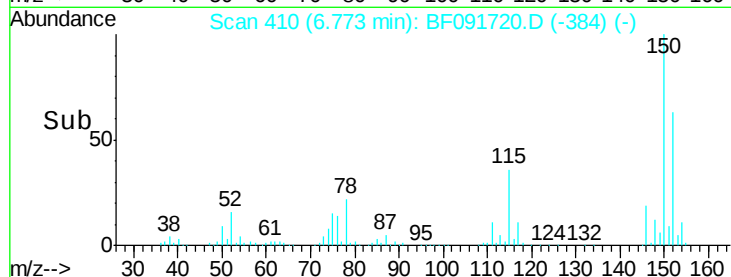
115 57.4 46.0 69.0



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: 50.29 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

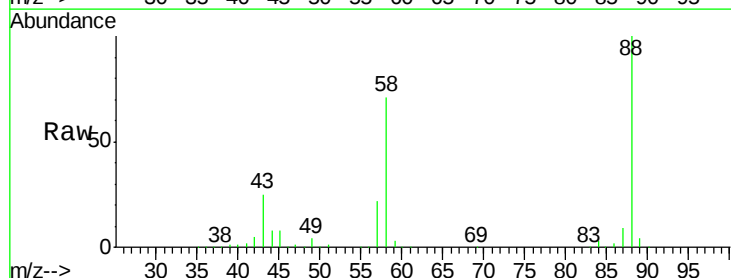
Tgt Ion: 88 Resp: 447970

Ion Ratio Lower Upper

88 100

58 72.7 57.8 86.8

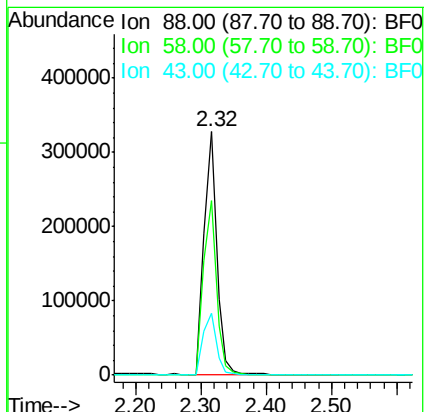
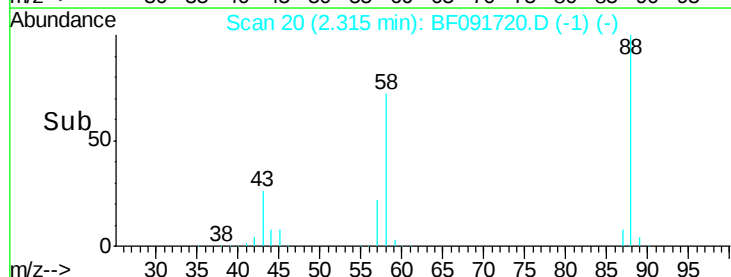
43 26.9 22.3 33.5

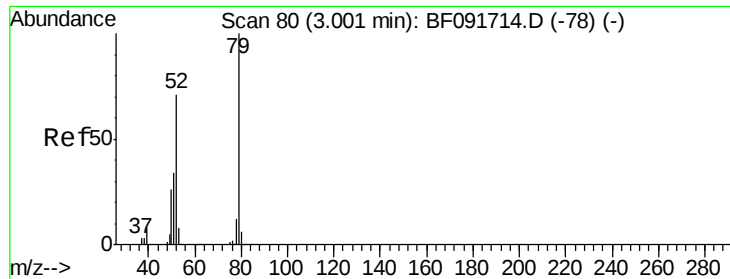


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.64 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

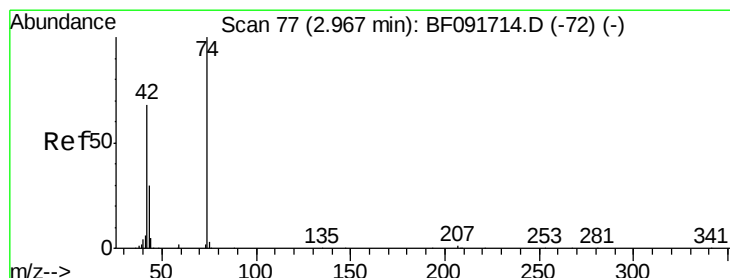
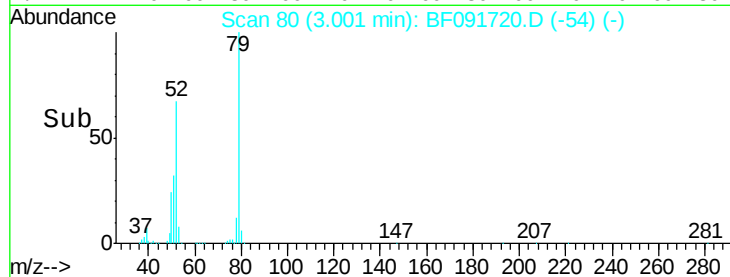
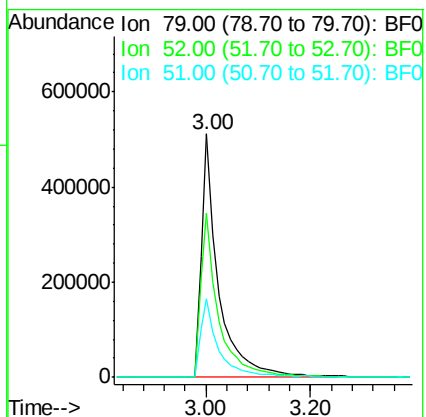
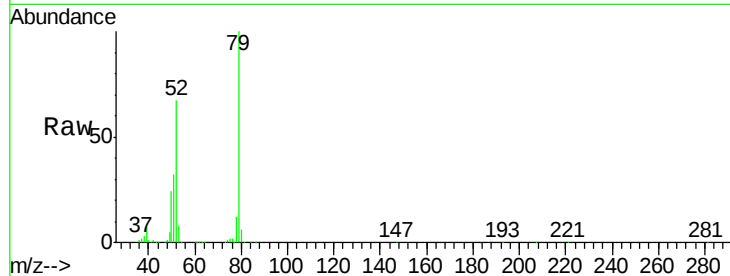
Tgt Ion: 79 Resp: 1166175

Ion Ratio Lower Upper

79 100

52 67.5 57.1 85.7

51 32.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.18 ng

RT: 2.96 min Scan# 76

Delta R.T. -0.01 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

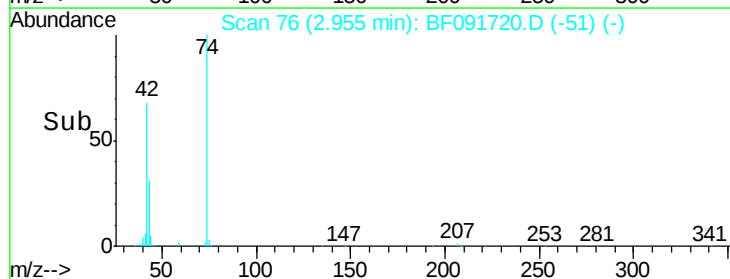
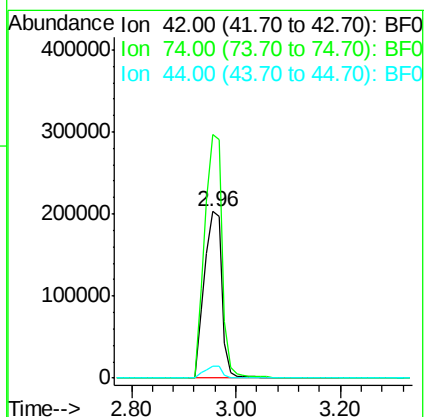
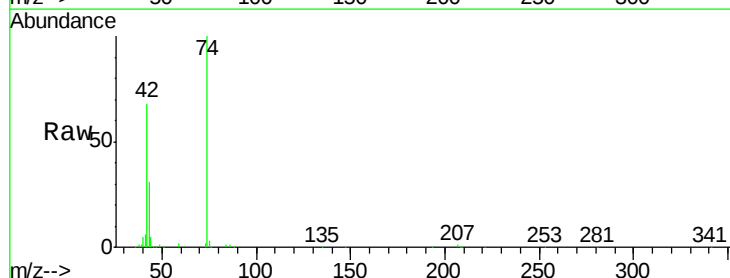
Tgt Ion: 42 Resp: 479593

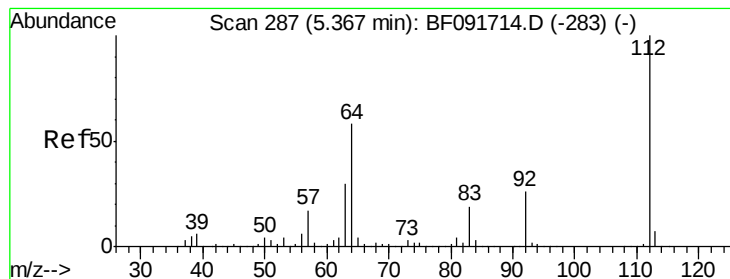
Ion Ratio Lower Upper

42 100

74 146.4 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 87.90 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

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SSTDCCC040

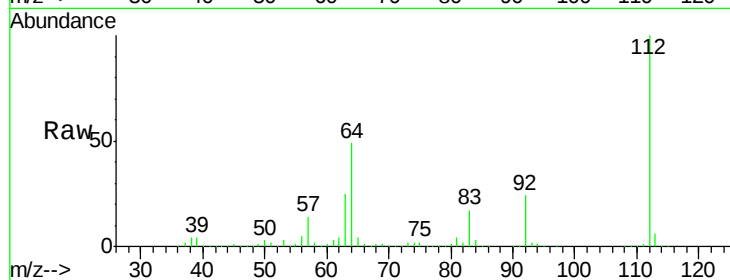
Tgt Ion: 112 Resp: 1589860

Ion Ratio Lower Upper

112 100

64 49.5 46.1 69.1

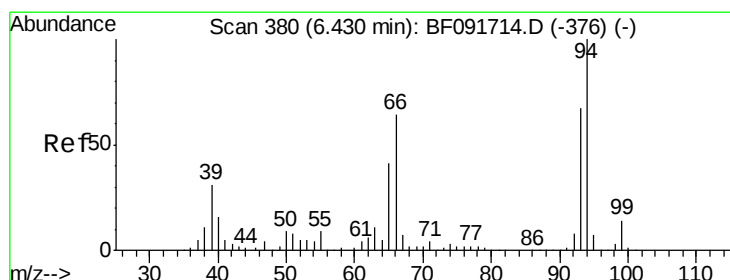
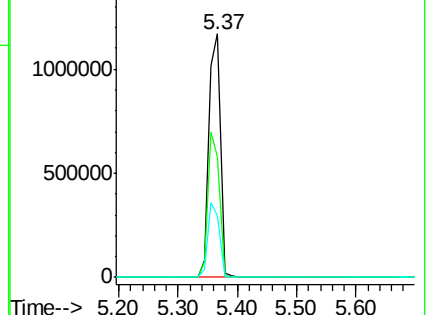
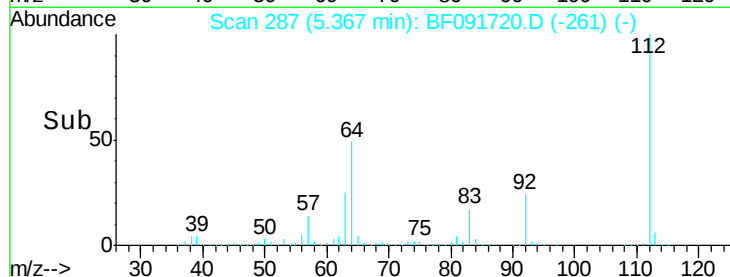
63 25.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.57 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

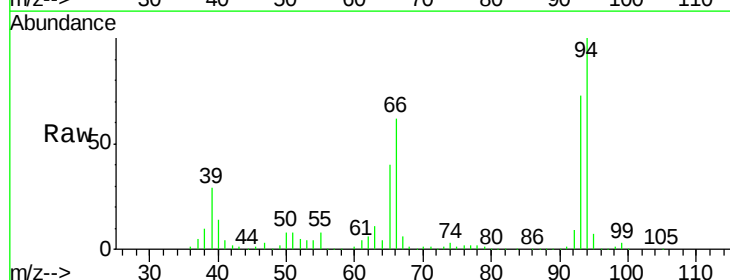
Tgt Ion: 93 Resp: 1208395

Ion Ratio Lower Upper

93 100

66 85.3 76.2 114.2

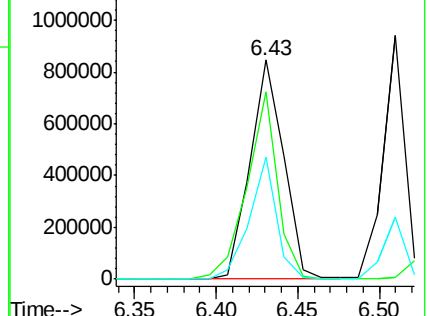
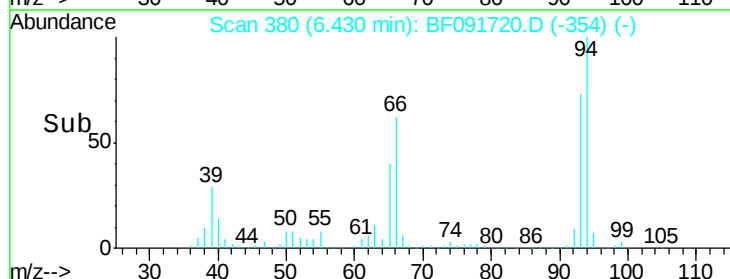
65 55.4 49.3 73.9

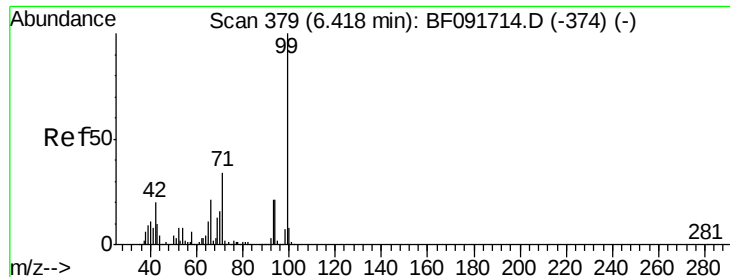


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.79 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091720.D

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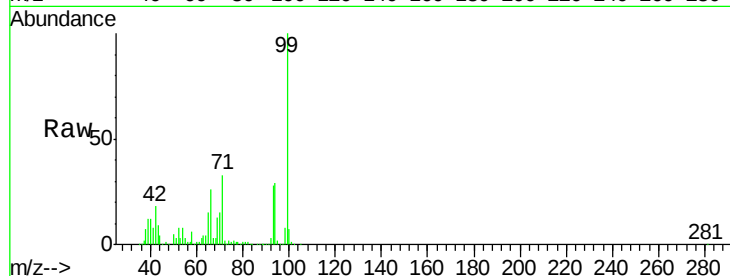
Tgt Ion: 99 Resp: 1936612

Ion Ratio Lower Upper

99 100

42 18.0 15.6 23.4

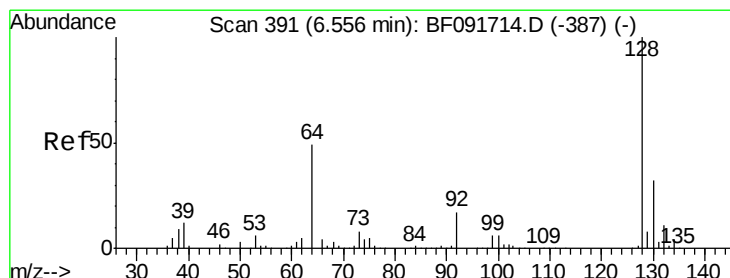
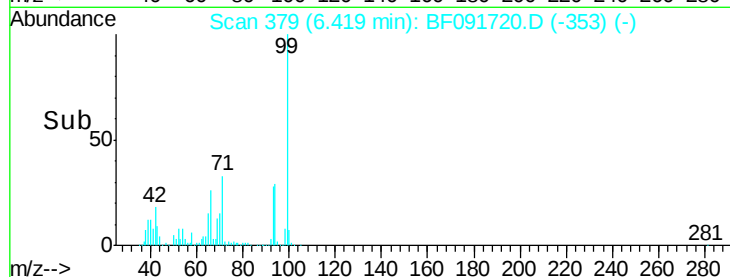
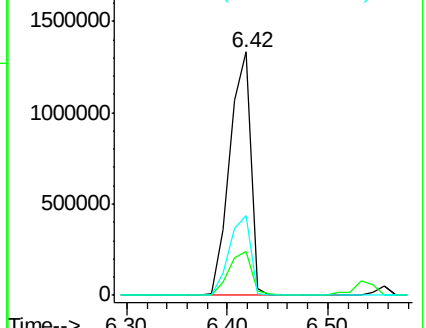
71 32.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.23 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

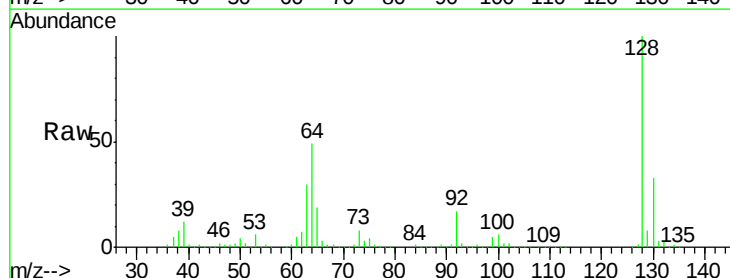
Tgt Ion: 128 Resp: 860621

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

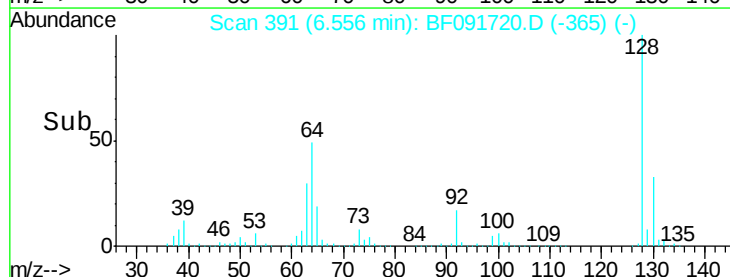
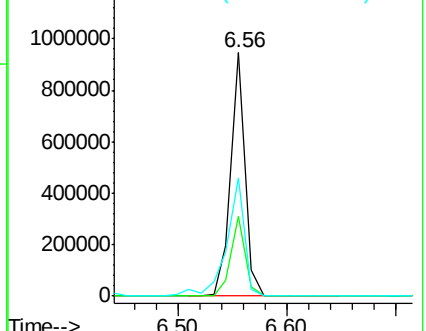
64 48.6 32.2 72.2

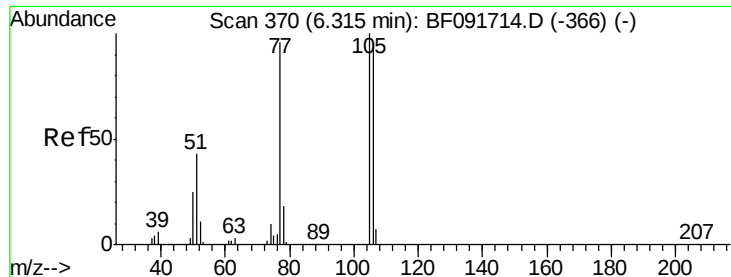


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 49.96 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF091720.D

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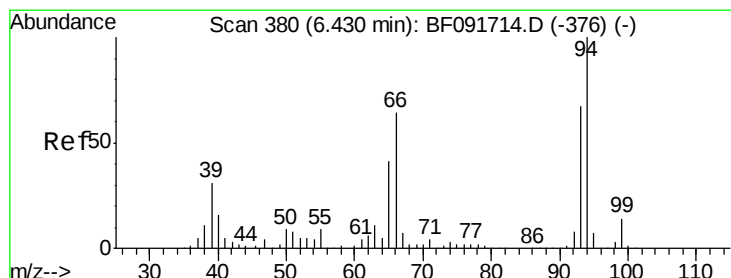
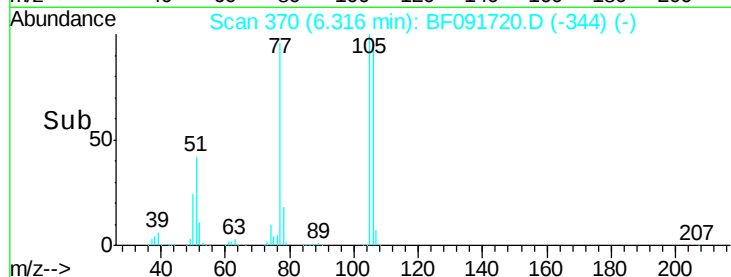
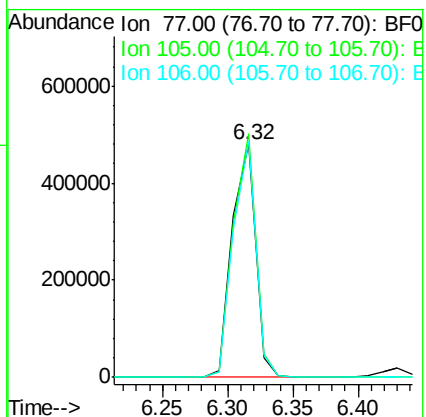
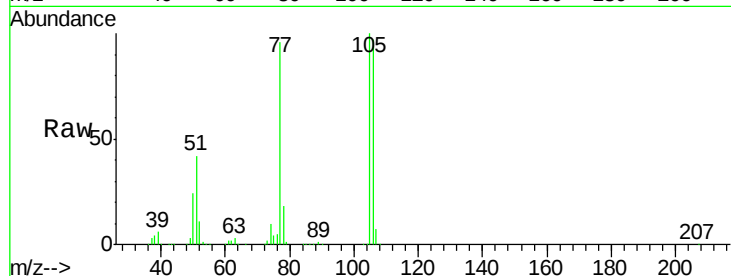
Tgt Ion: 77 Resp: 600888

Ion Ratio Lower Upper

77 100

105 104.4 83.9 123.9

106 101.0 77.6 117.6



#10

Phenol

Concen: 46.45 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

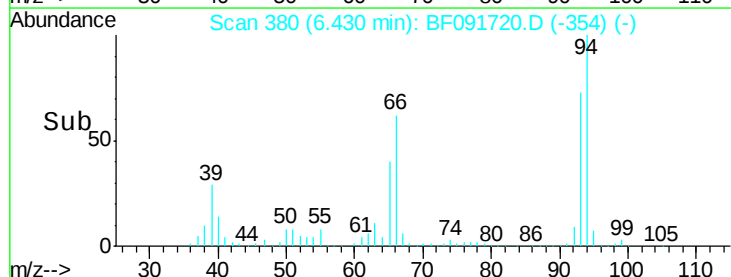
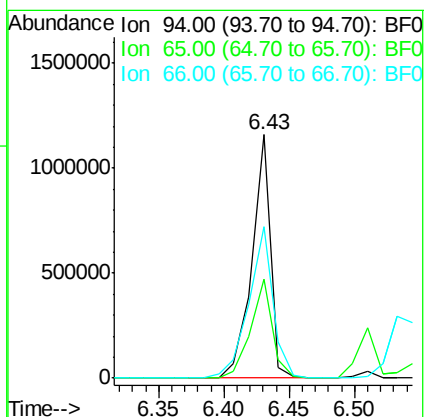
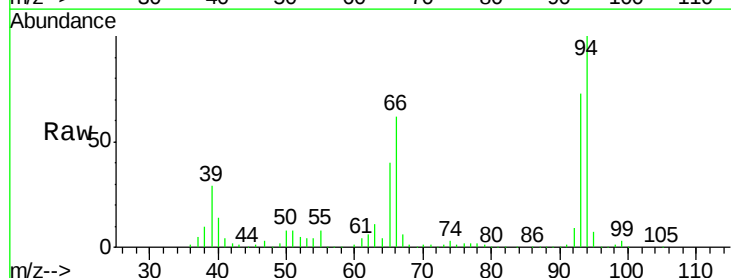
Tgt Ion: 94 Resp: 1155036

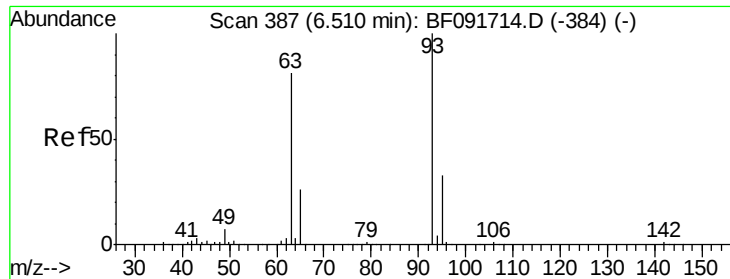
Ion Ratio Lower Upper

94 100

65 40.4 21.4 61.4

66 62.2 44.0 84.0

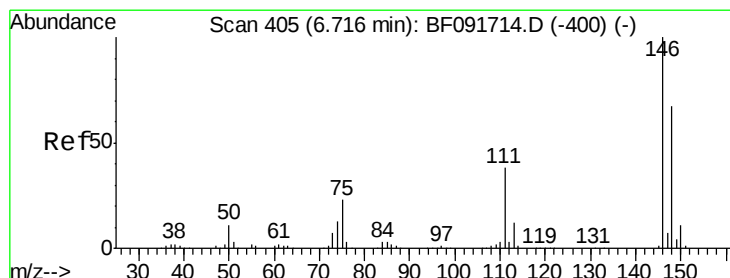
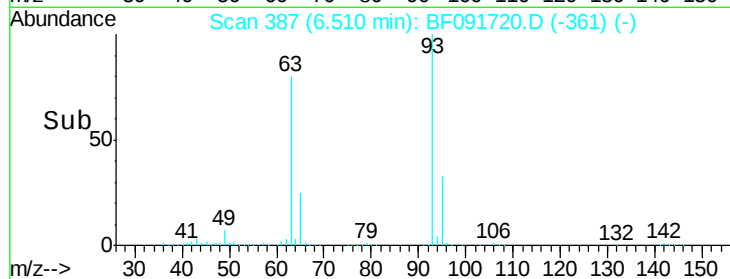
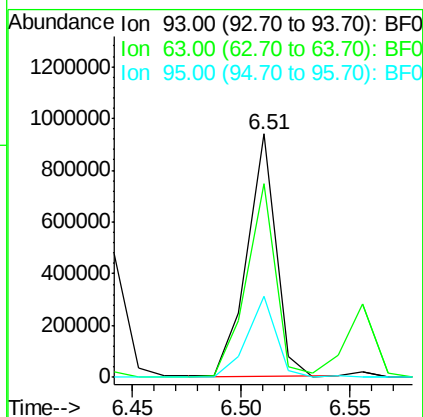
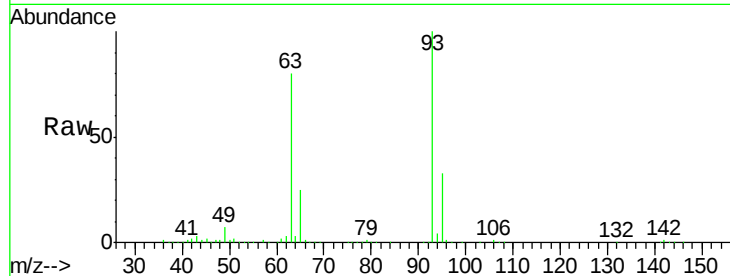




#11
bis(2-Chloroethyl)ether
Concen: 43.56 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

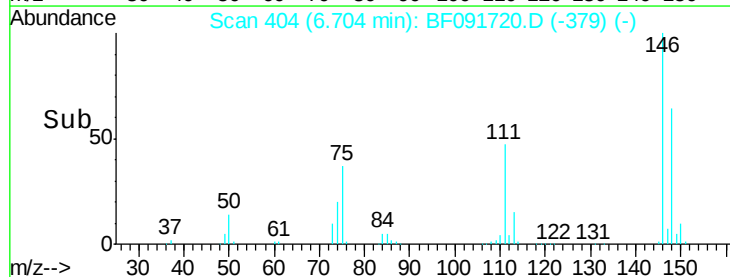
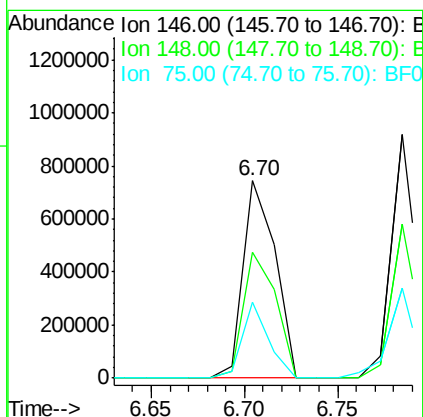
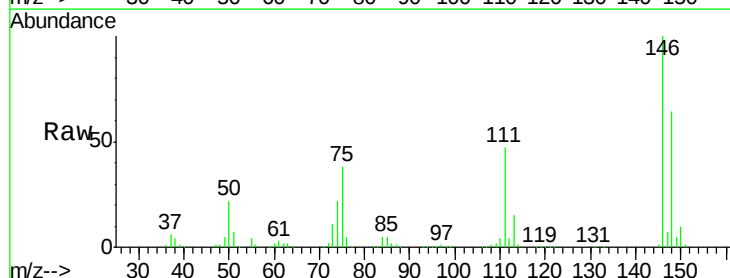
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

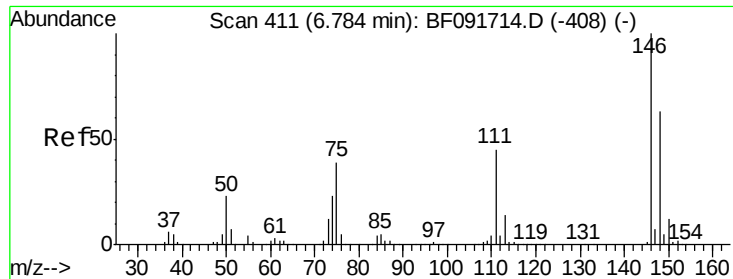
Tgt Ion: 93 Resp: 864978
Ion Ratio Lower Upper
93 100
63 79.6 60.4 100.4
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.58 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion: 146 Resp: 887262
Ion Ratio Lower Upper
146 100
148 64.0 53.4 80.0
75 38.3 18.5 27.7#

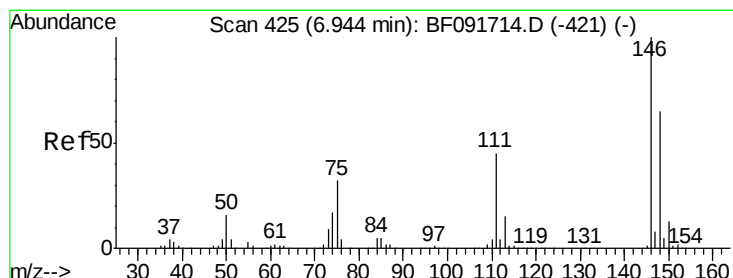
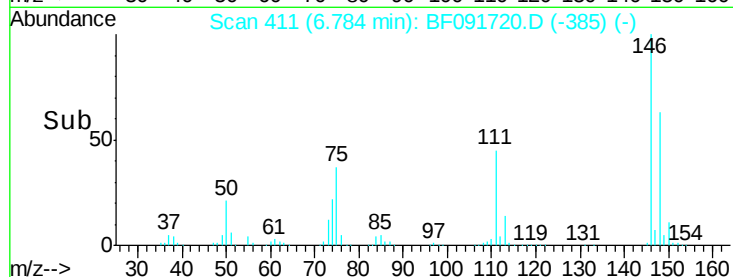
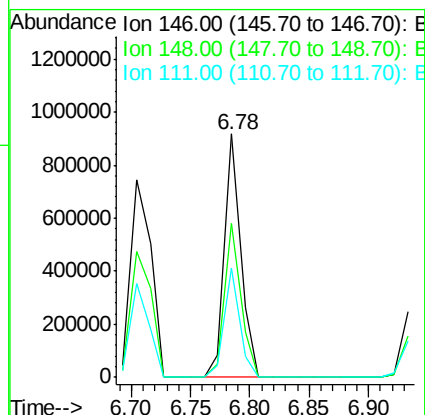
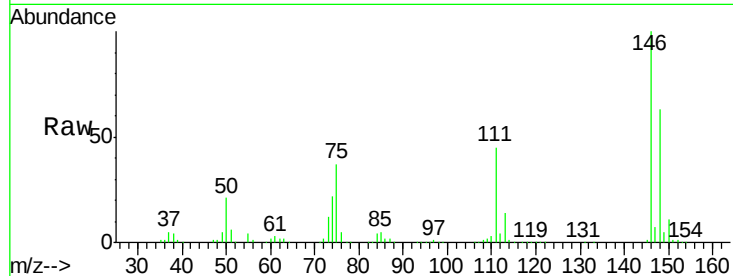




#13
 1,4-Dichlorobenzene
 Concen: 39.24 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

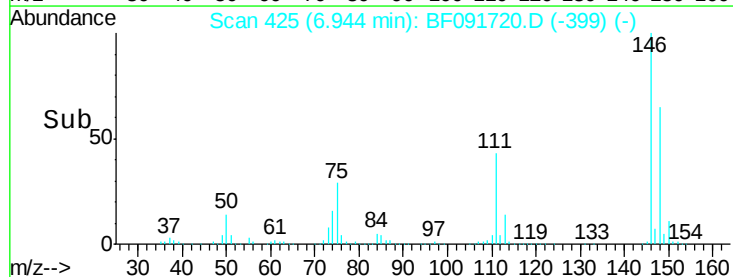
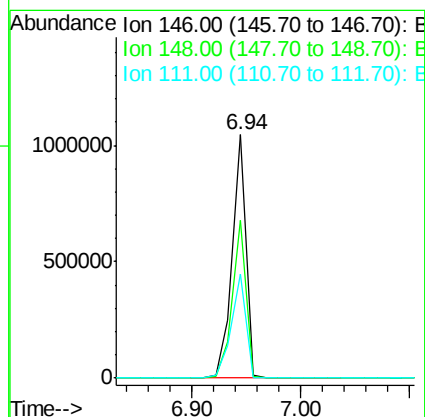
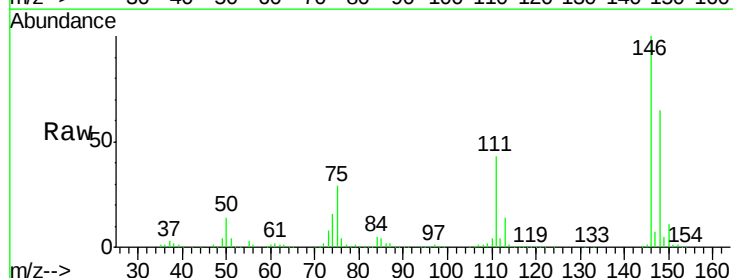
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

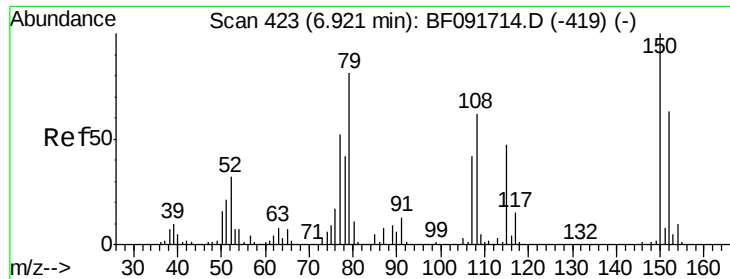
Tgt Ion:146 Resp: 868114
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 76.0
 111 45.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 46.76 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Tgt Ion:146 Resp: 906234
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 42.7 36.2 54.2

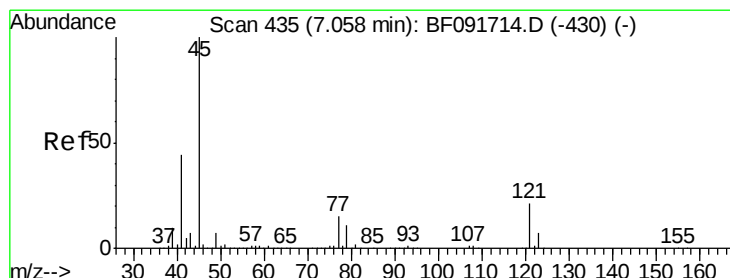
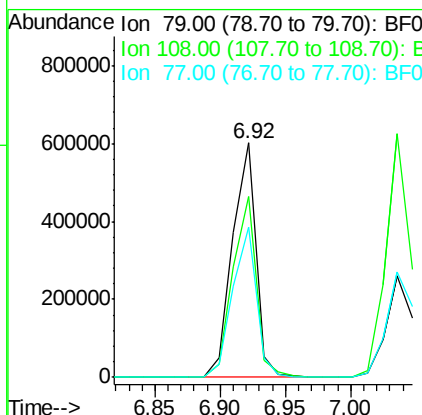
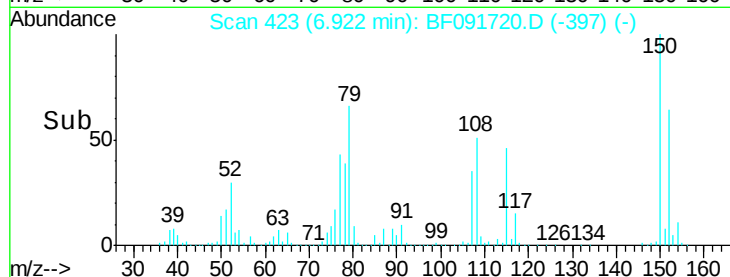
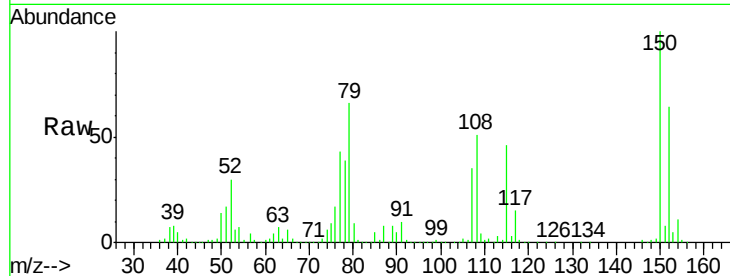




#15
Benzyl Alcohol
Concen: 43.99 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

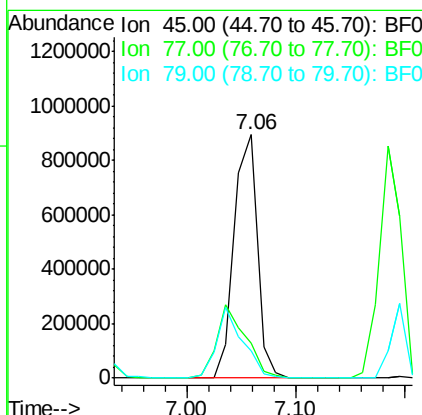
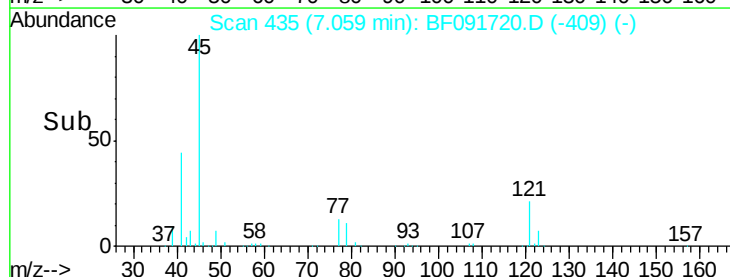
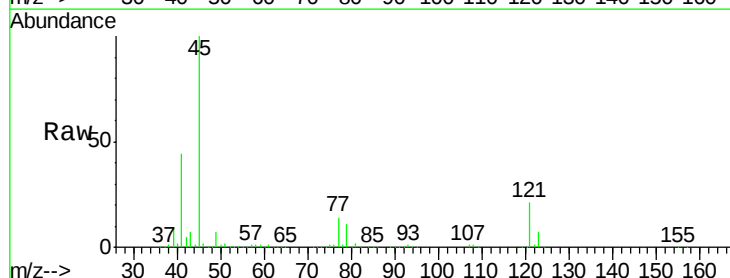
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

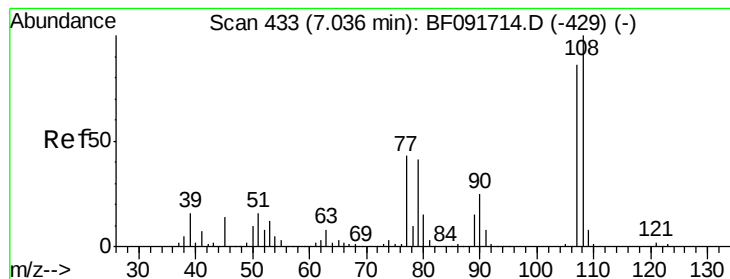
Tgt Ion: 79 Resp: 751332
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 64.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.12 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion: 45 Resp: 1308322
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.6
79 11.4 0.0 31.2





#17

2-Methylphenol

Concen: 41.80 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 695407

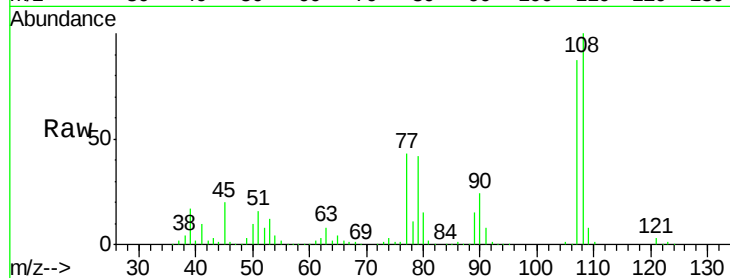
Ion Ratio Lower Upper

107 100

108 115.5 93.0 139.6

77 50.0 39.8 59.8

79 48.1 38.0 57.0

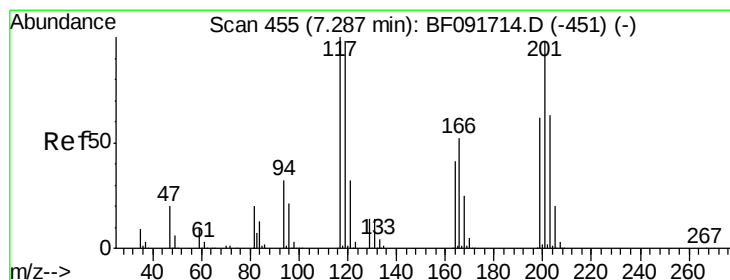
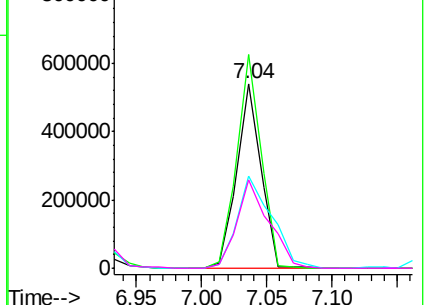
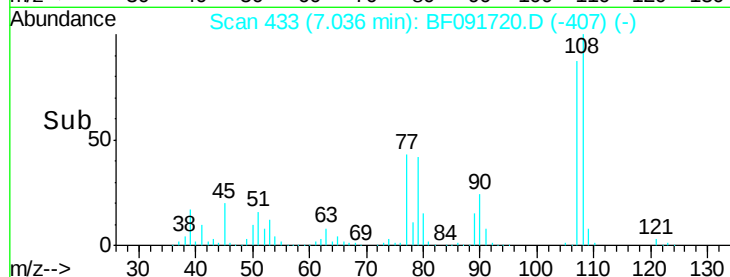


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.64 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

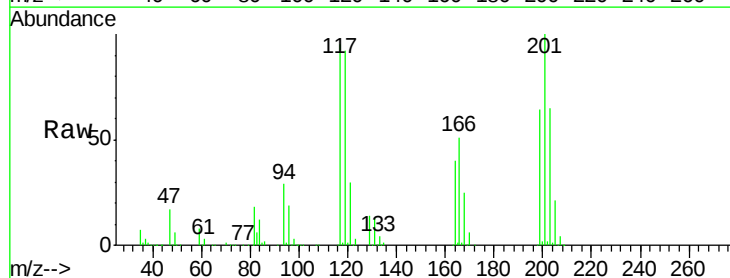
Tgt Ion:117 Resp: 366926

Ion Ratio Lower Upper

117 100

119 96.6 78.1 117.1

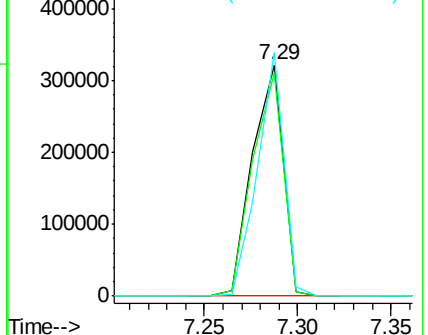
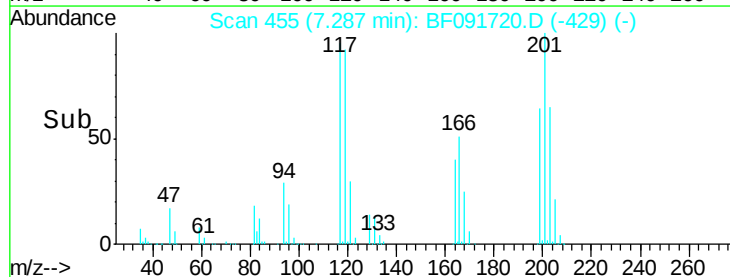
201 105.2 78.6 117.8

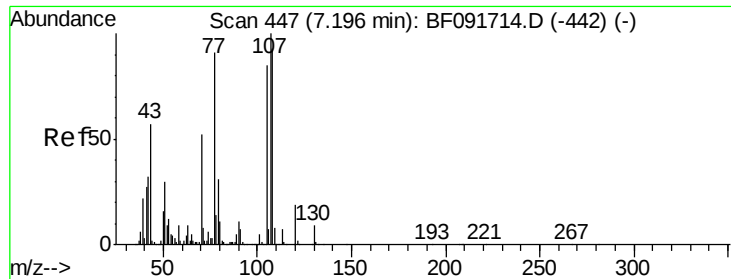


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

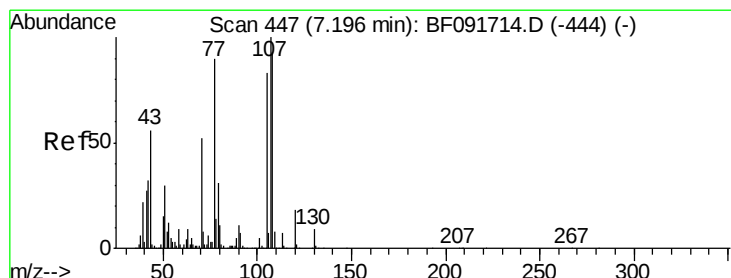
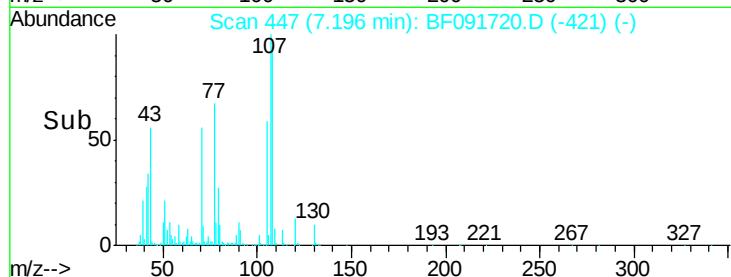
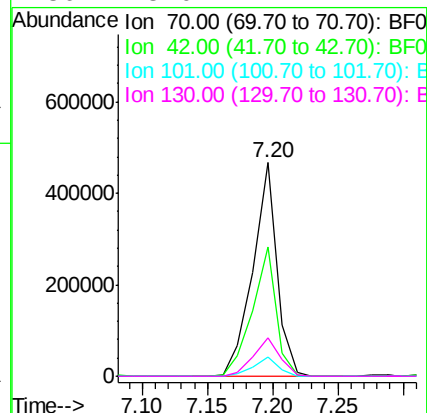
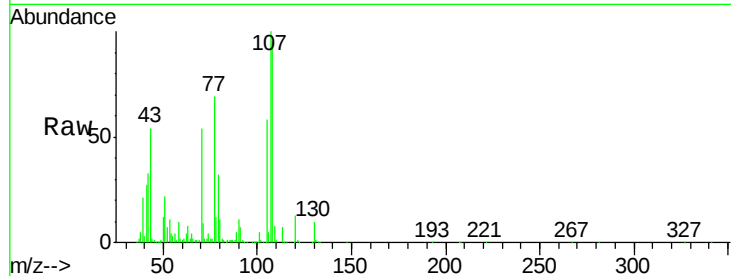




#19
n-Nitroso-di-n-propylamine
Concen: 41.25 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

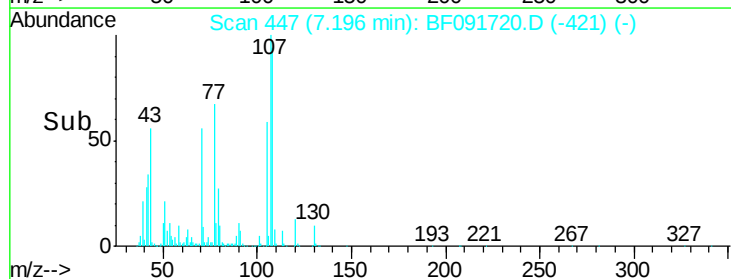
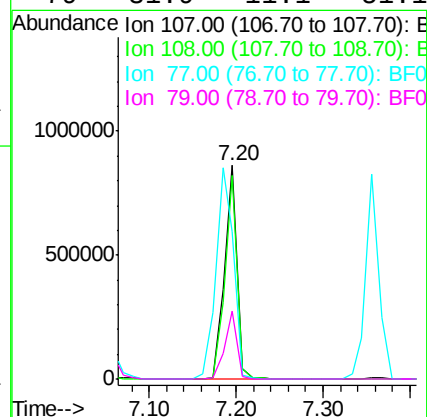
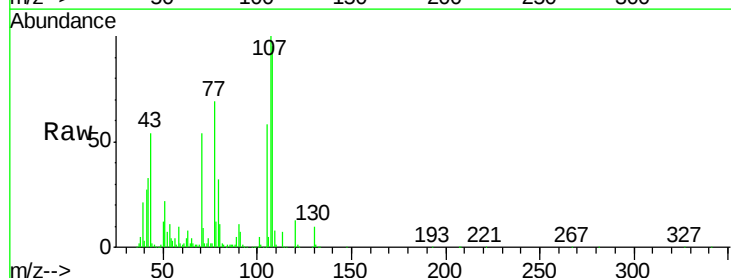
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

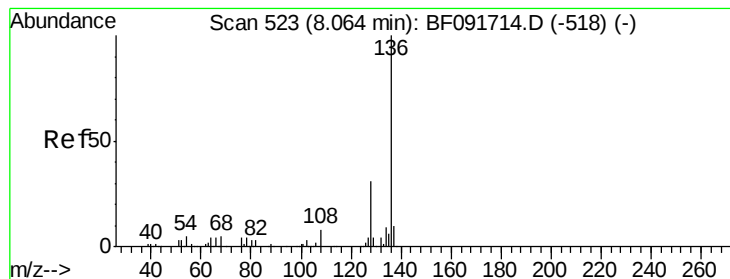
Tgt Ion: 70 Resp: 605270
Ion Ratio Lower Upper
70 100
42 60.4 49.4 74.0
101 8.9 7.4 11.2
130 18.0 14.2 21.4



#20
3+4-Methylphenols
Concen: 47.53 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion: 107 Resp: 882217
Ion Ratio Lower Upper
107 100
108 95.2 73.0 113.0
77 69.2 71.3 111.3#
79 31.9 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1226272

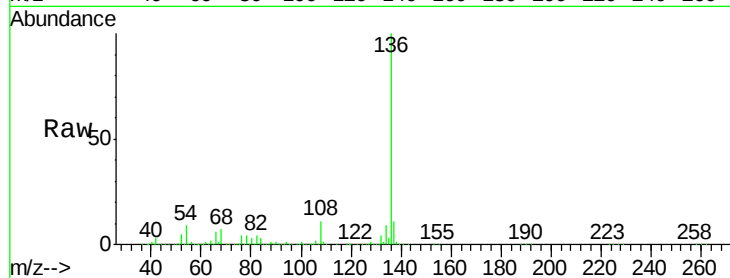
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.5 4.5 6.7#

68 7.2 3.6 5.4#

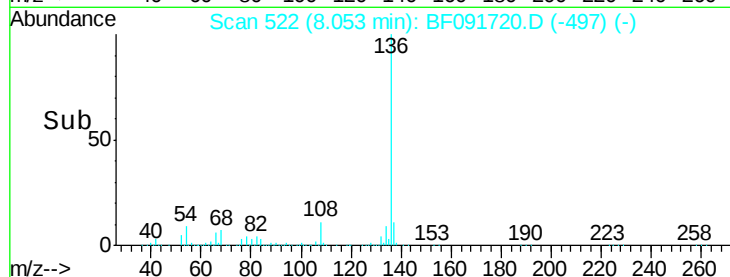


Abundance Ion 136.00 (135.70 to 136.70): E

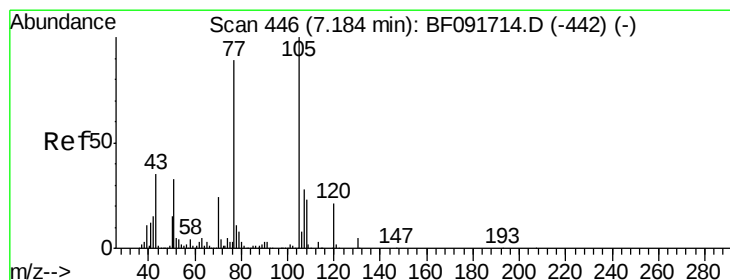
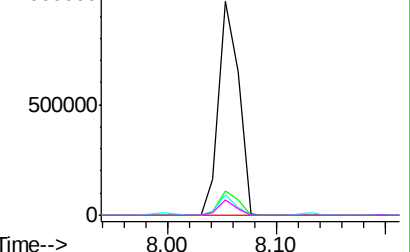
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.11 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Tgt Ion:105 Resp: 1246777

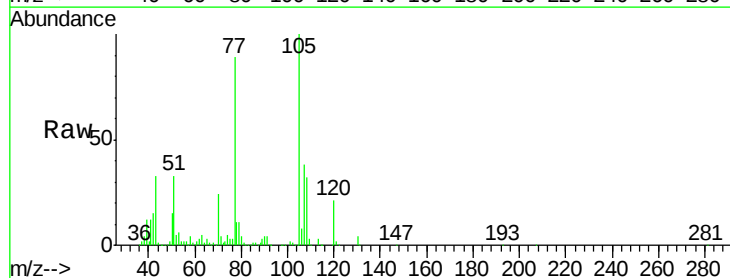
Ion Ratio Lower Upper

105 100

71 3.9 3.2 4.8

51 32.8 26.2 39.4

120 20.7 16.6 24.8

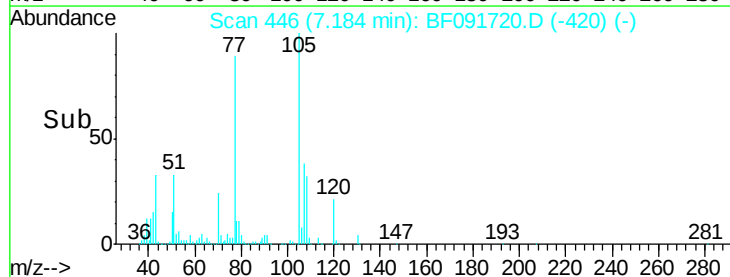


Abundance Ion 105.00 (104.70 to 105.70): E

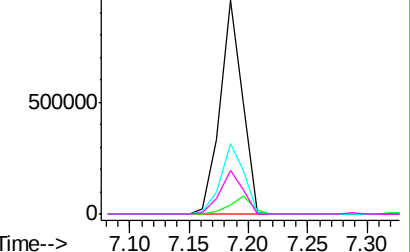
Ion 71.00 (70.70 to 71.70): BF0

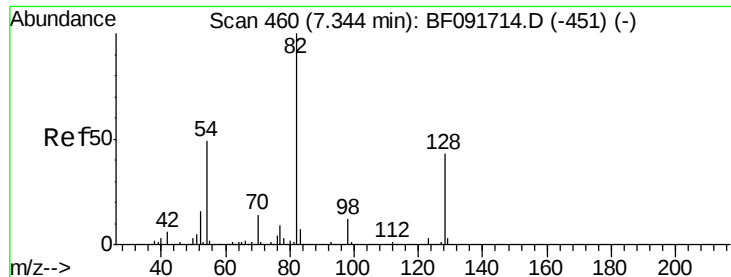
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

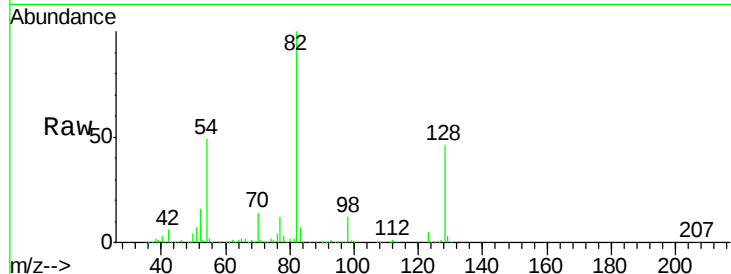




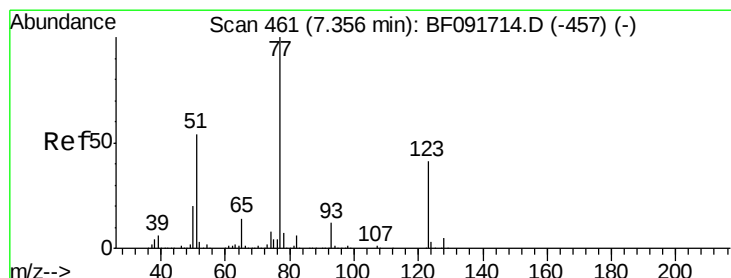
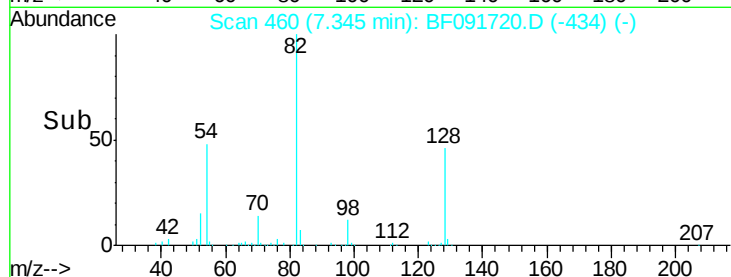
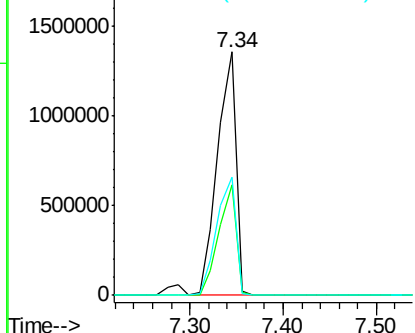
#23
Nitrobenzene-d5
Concen: 88.13 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1873979
Ion Ratio Lower Upper
82 100
128 45.5 34.6 52.0
54 48.6 39.5 59.3

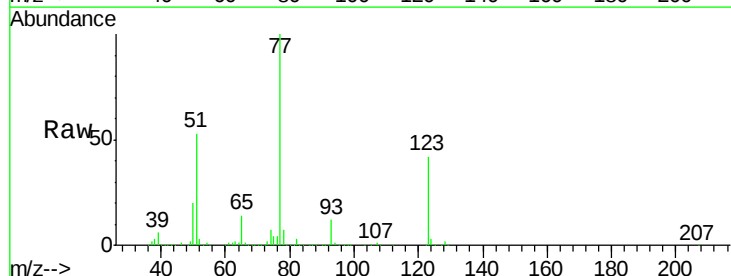


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

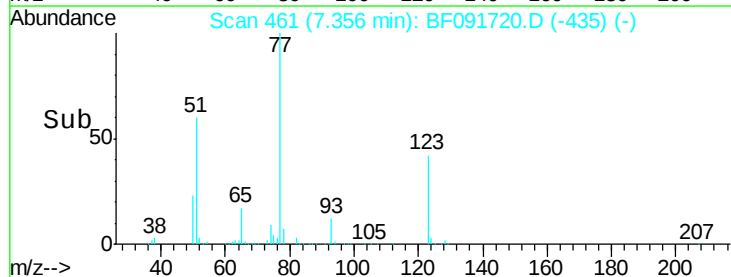
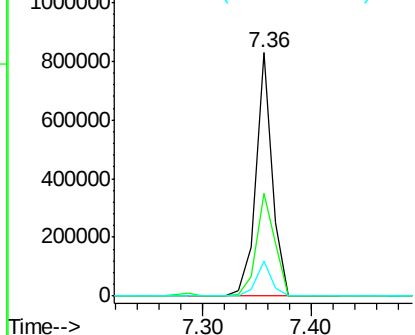


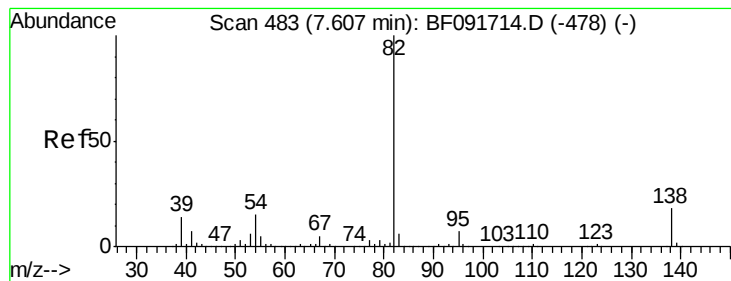
#24
Nitrobenzene
Concen: 38.04 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion: 77 Resp: 868547
Ion Ratio Lower Upper
77 100
123 42.5 33.0 49.4
65 14.1 11.2 16.8



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





#25

Isophorone

Concen: 44.22 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

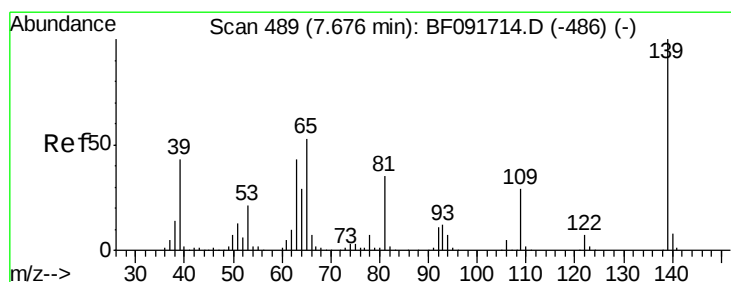
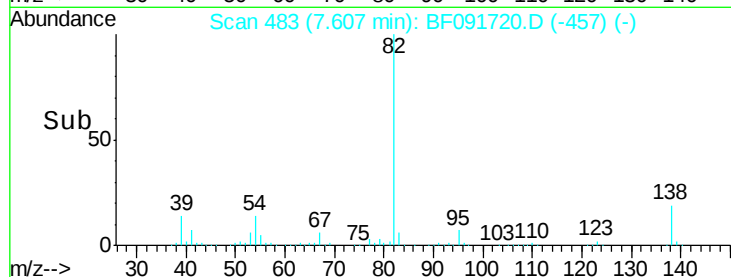
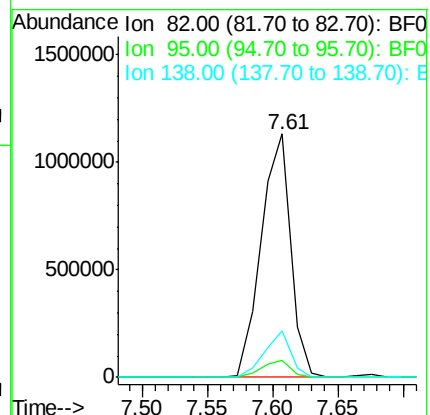
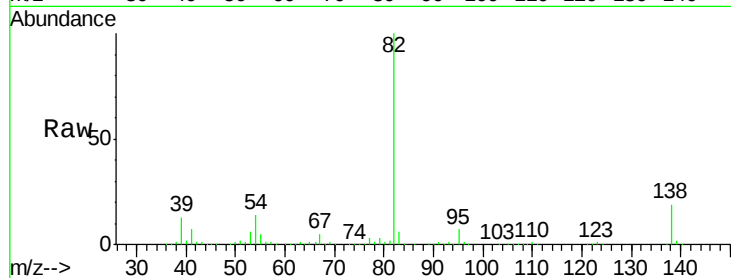
Tgt Ion: 82 Resp: 1794257

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 18.9 14.6 22.0



#26

2-Nitrophenol

Concen: 46.32 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

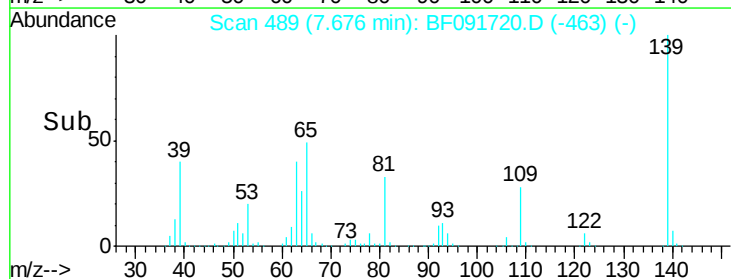
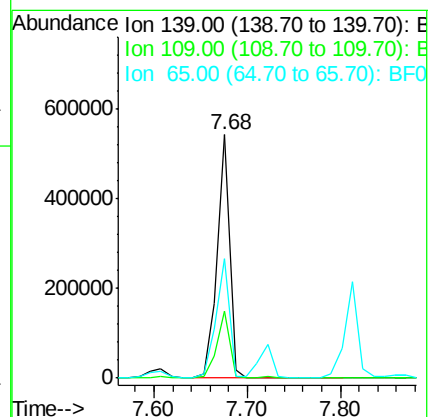
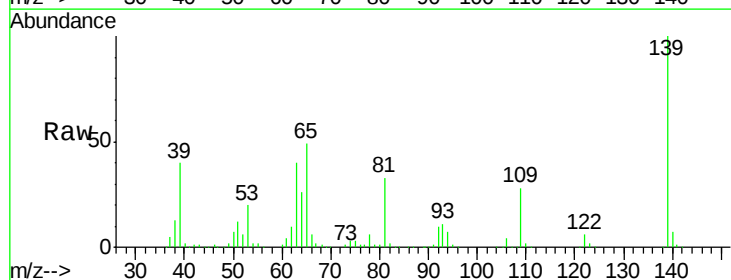
Tgt Ion: 139 Resp: 510223

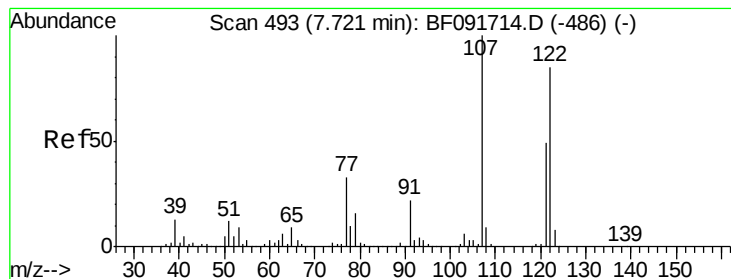
Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

65 49.0 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 44.60 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

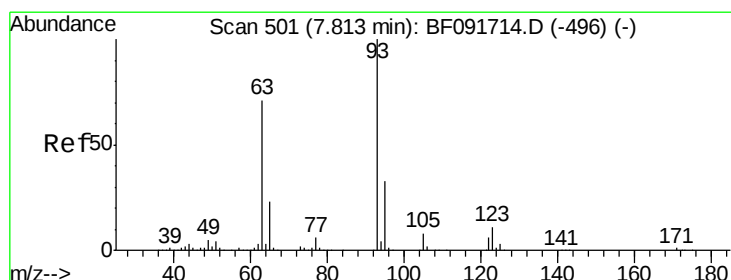
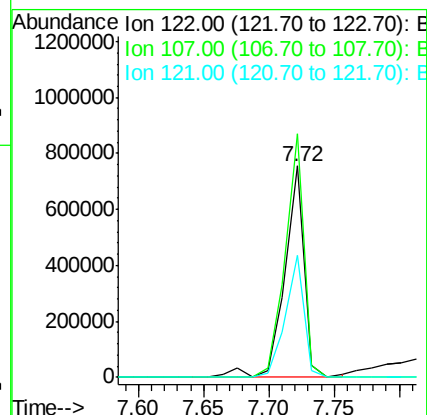
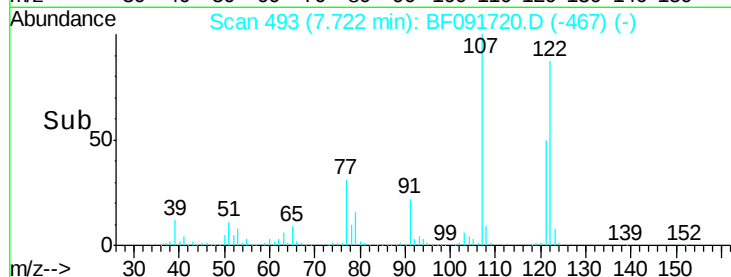
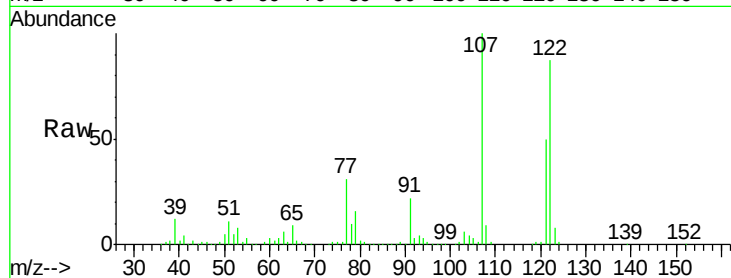
Tgt Ion:122 Resp: 801586

Ion Ratio Lower Upper

122 100

107 115.3 94.1 141.1

121 57.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.36 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

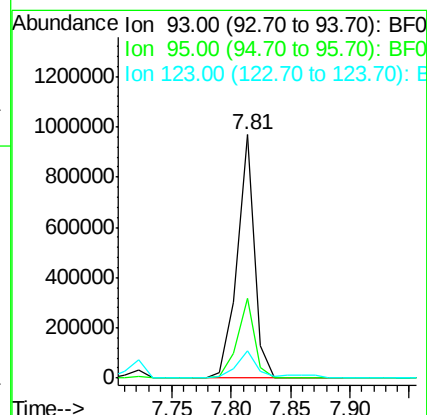
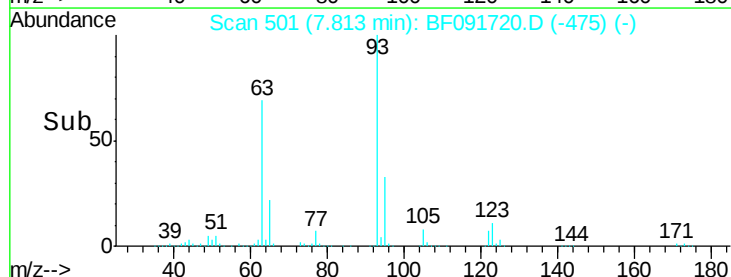
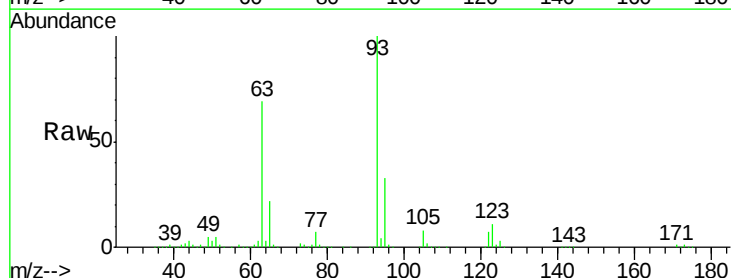
Tgt Ion: 93 Resp: 981755

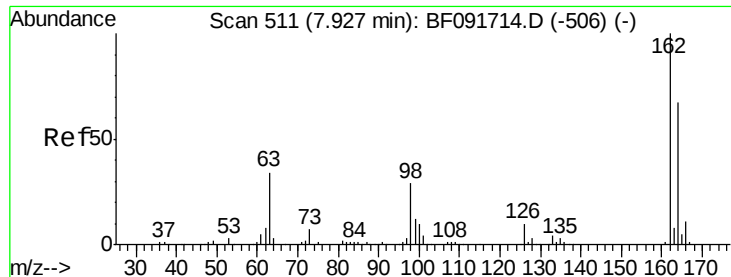
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 11.1 8.6 13.0

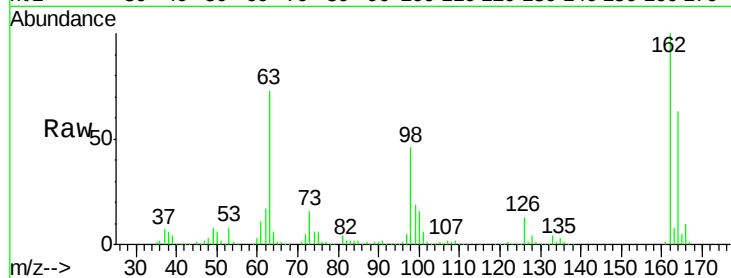




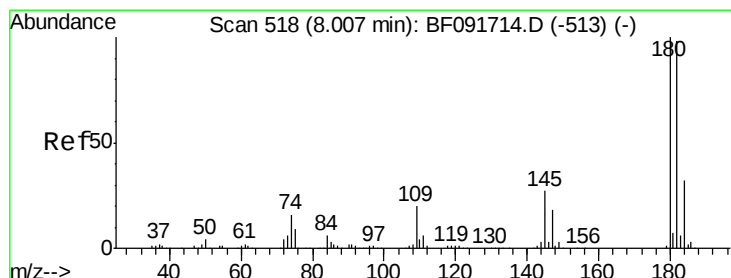
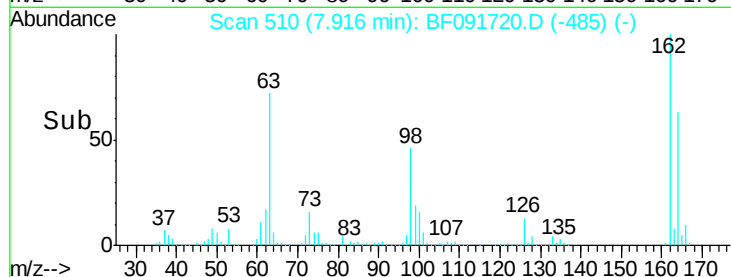
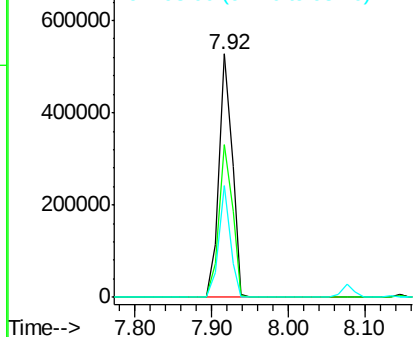
#29
2,4-Dichlorophenol
Concen: 38.96 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 645697
Ion Ratio Lower Upper
162 100
164 62.7 46.8 86.8
98 45.9 9.1 49.1

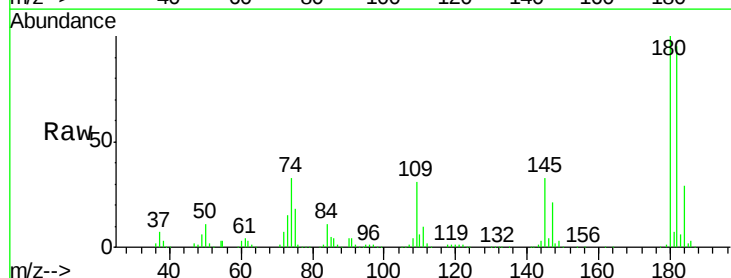


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

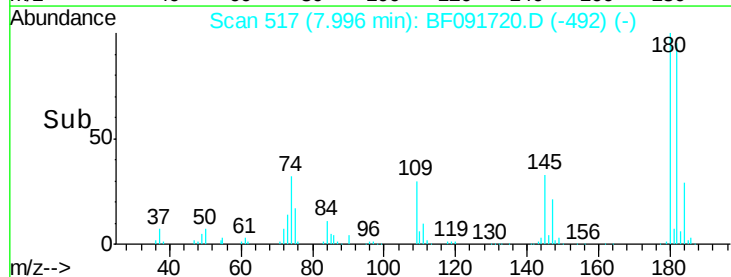
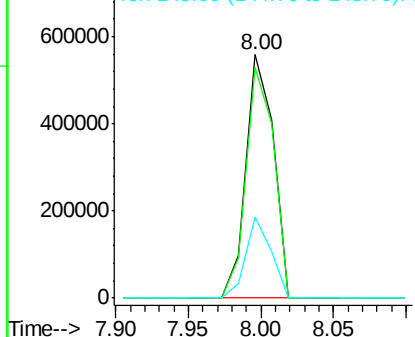


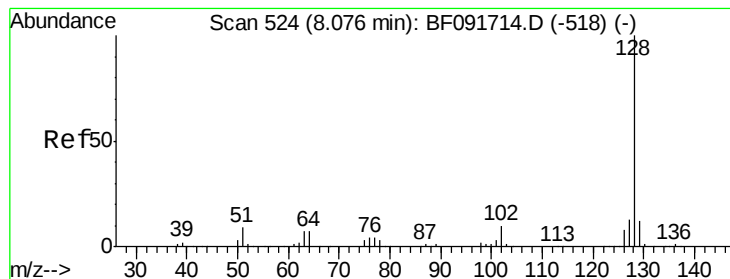
#30
1,2,4-Trichlorobenzene
Concen: 40.78 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion:180 Resp: 732528
Ion Ratio Lower Upper
180 100
182 95.1 78.2 117.4
145 33.2 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: 39.28 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

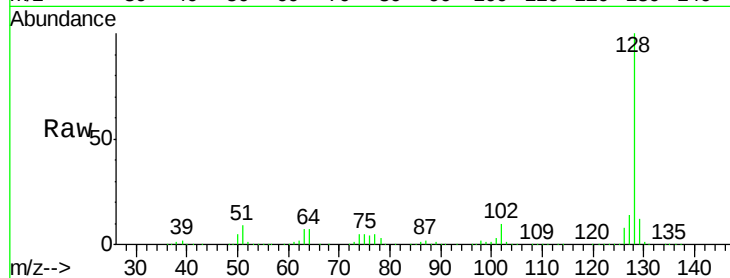
Tgt Ion:128 Resp: 2301282

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

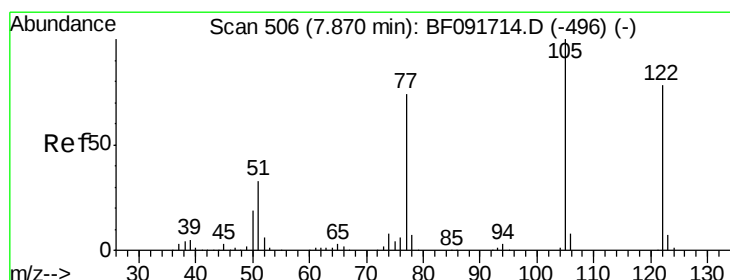
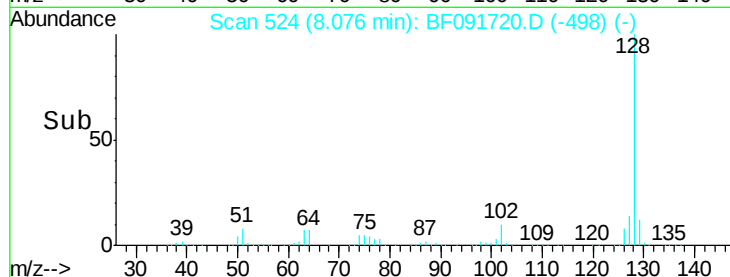
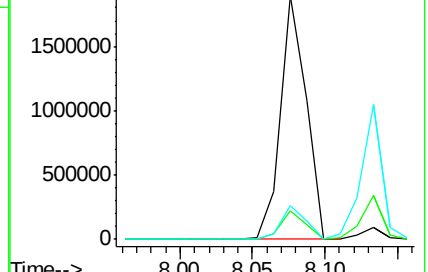
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.98 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

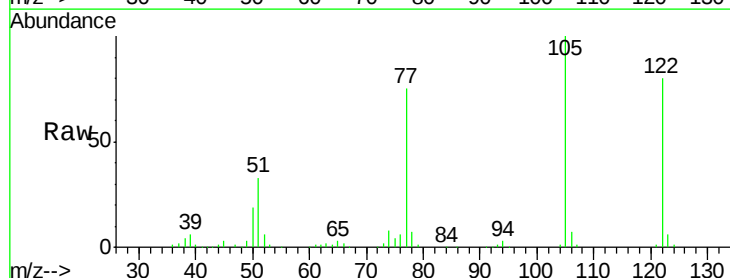
Tgt Ion:122 Resp: 614429

Ion Ratio Lower Upper

122 100

105 125.0 107.2 147.2

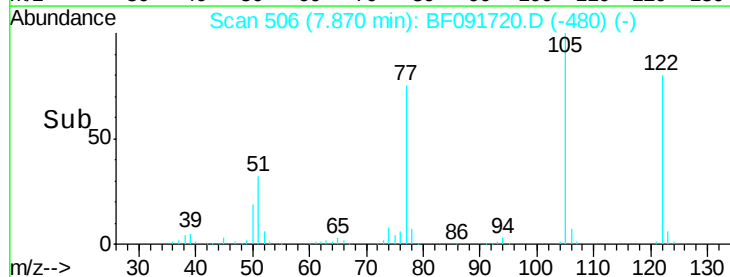
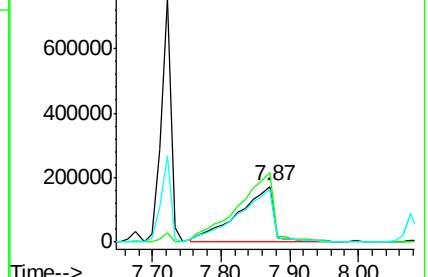
77 93.5 74.5 114.5

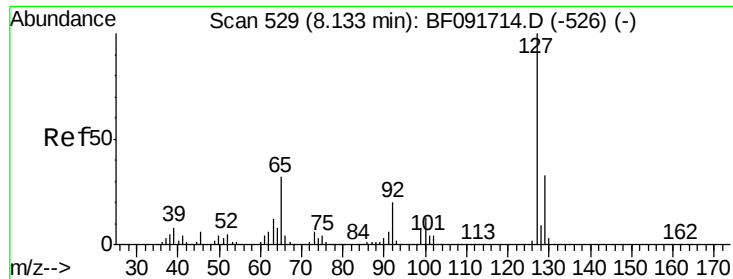


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

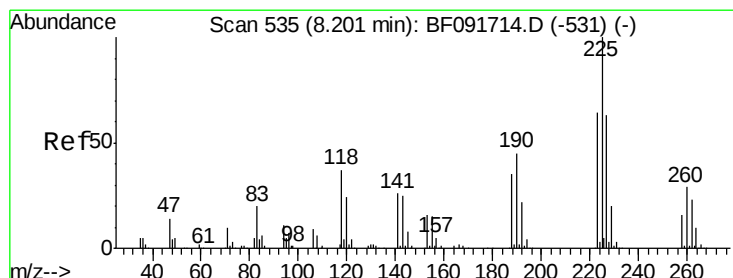
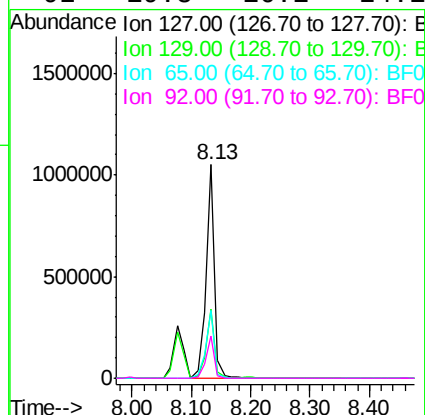
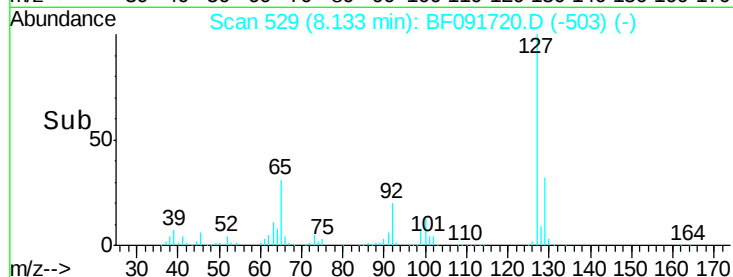
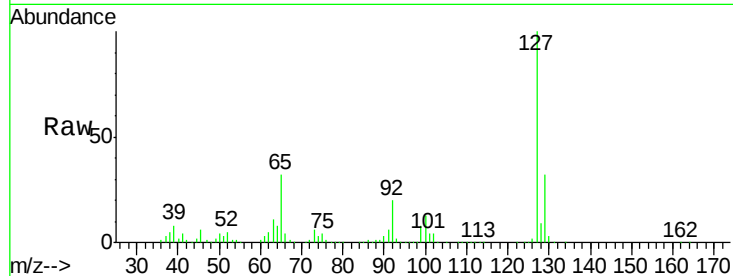




#33
4-Chloroaniline
Concen: 42.71 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

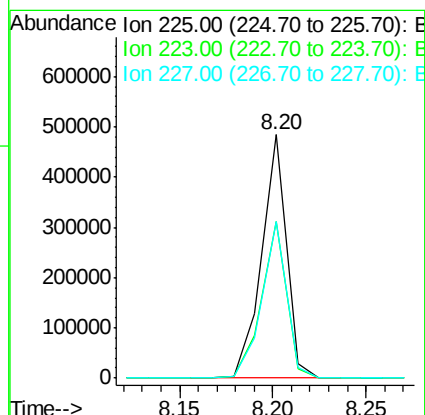
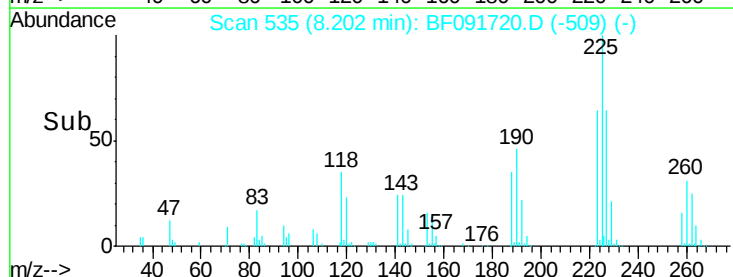
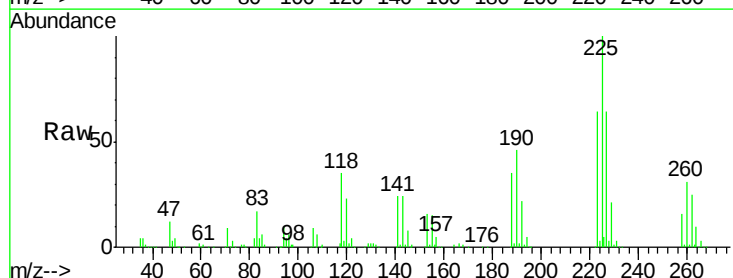
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

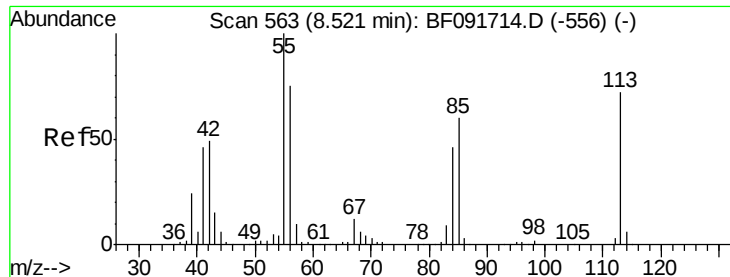
Tgt Ion:127 Resp: 1053904
Ion Ratio Lower Upper
127 100
129 32.5 26.3 39.5
65 31.7 25.8 38.8
92 19.8 16.1 24.1



#34
Hexachlorobutadiene
Concen: 43.85 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion:225 Resp: 442786
Ion Ratio Lower Upper
225 100
223 64.4 51.0 76.6
227 64.5 50.6 76.0

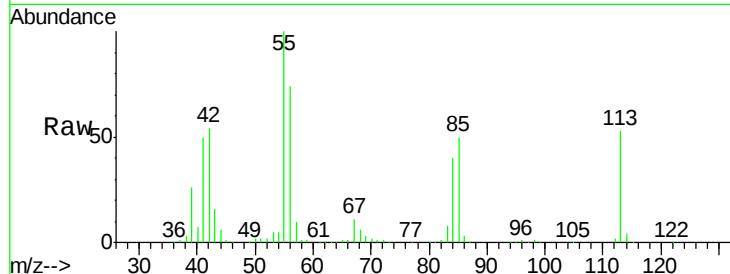




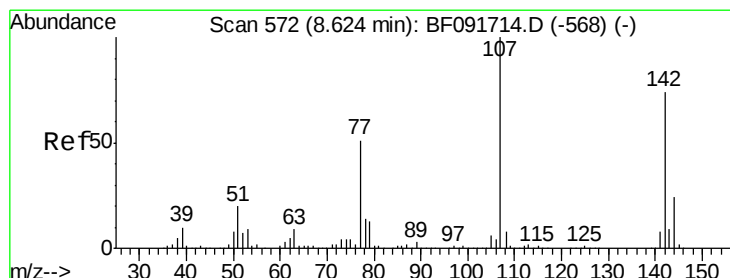
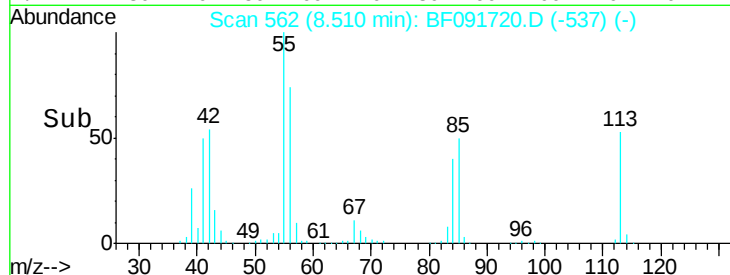
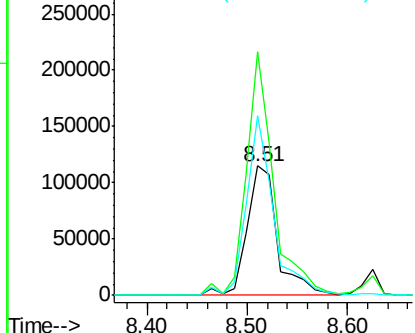
#35
 Caprolactam
 Concen: 45.13 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 240653
 Ion Ratio Lower Upper
 113 100
 55 188.2 119.2 159.2#
 56 138.7 83.8 123.8#

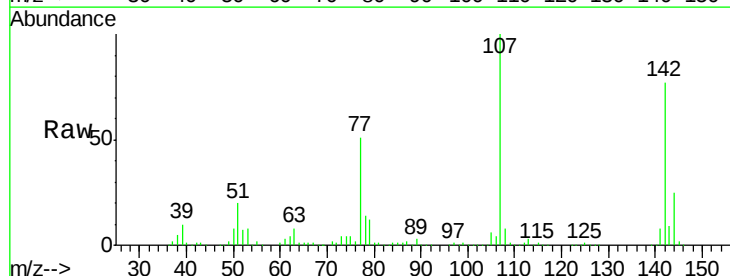


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

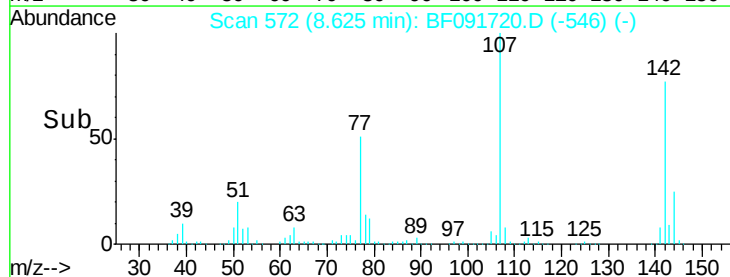
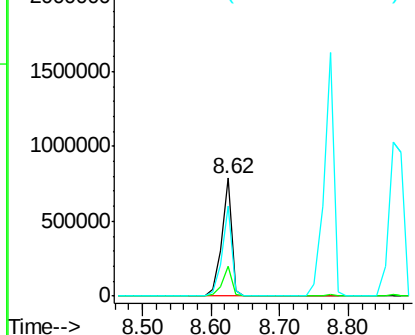


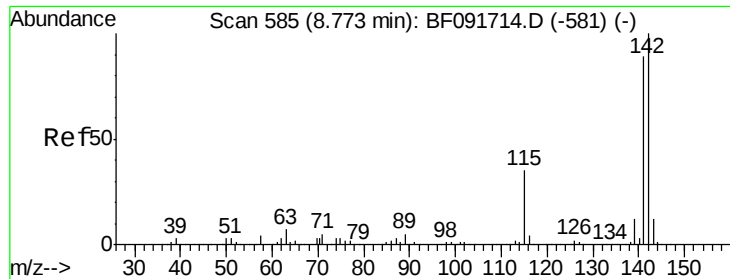
#36
 4-Chloro-3-methylphenol
 Concen: 44.36 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Tgt Ion:107 Resp: 811100
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.3 28.9
 142 76.8 59.0 88.6



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

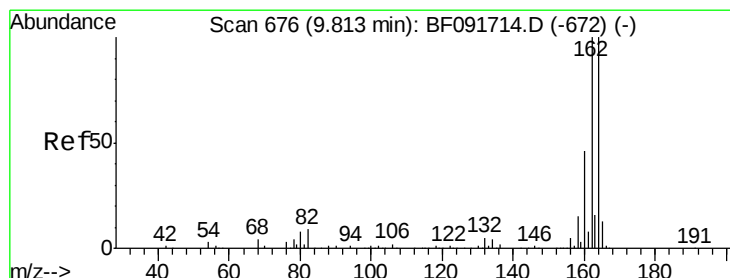
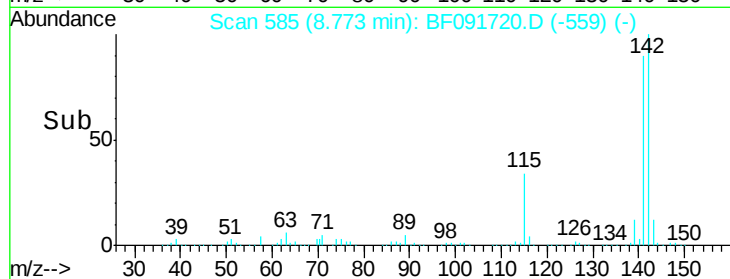
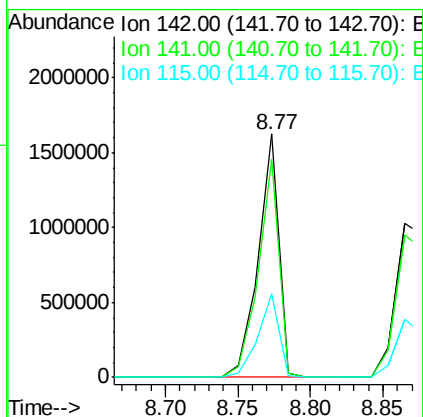
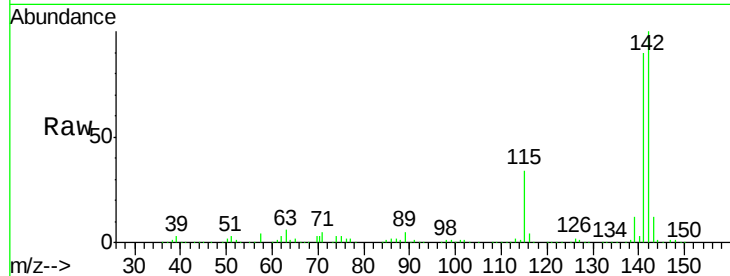




#37
2-Methylnaphthalene
Concen: 43.50 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

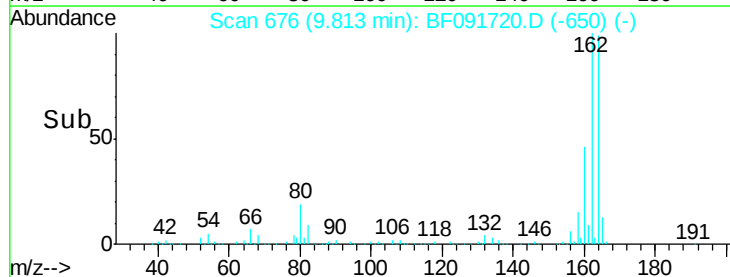
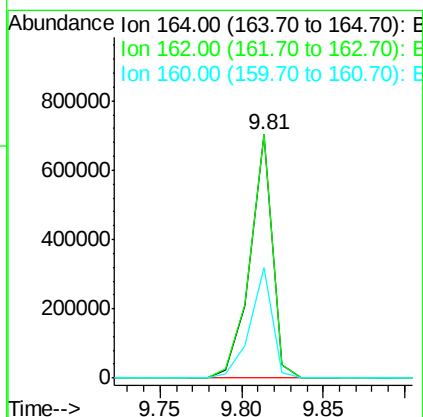
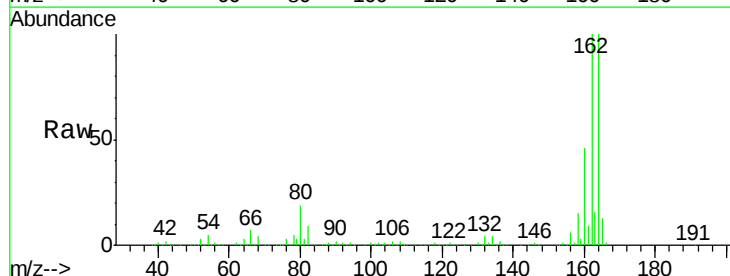
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

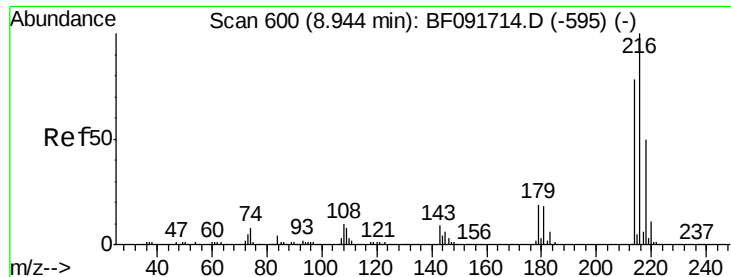
Tgt Ion:142 Resp: 1606674
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6
115 34.3 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion:164 Resp: 666792
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 45.6 36.9 55.3

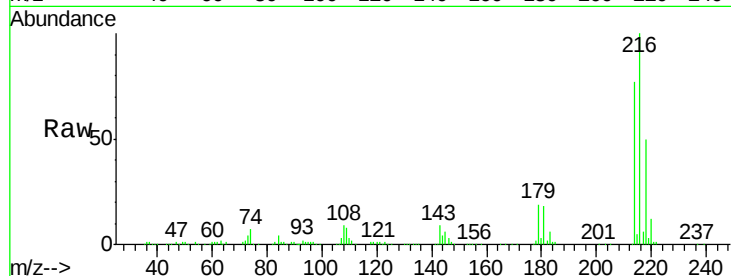




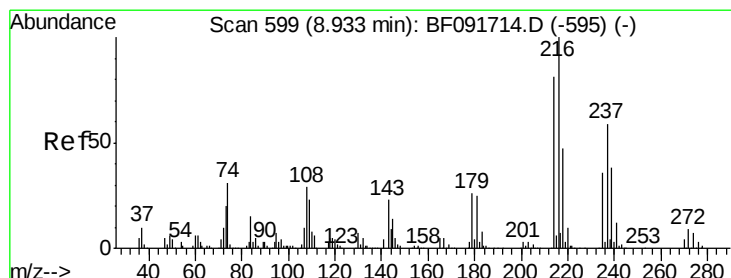
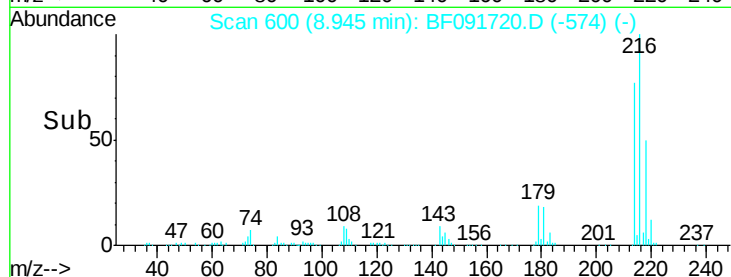
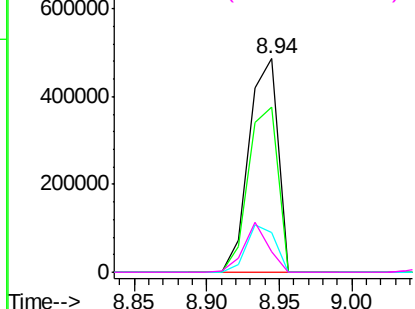
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.58 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:216 Resp: 674450
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.4 95.0
 179 22.4 17.4 26.2
 108 19.7 15.6 23.4

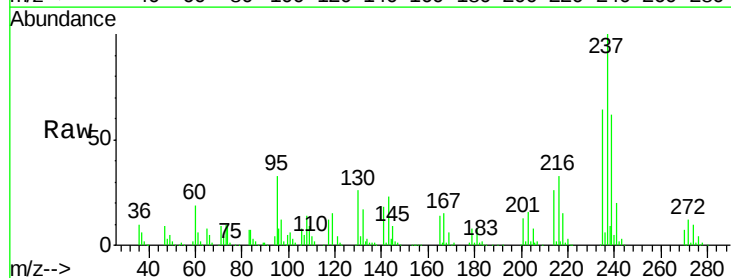


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

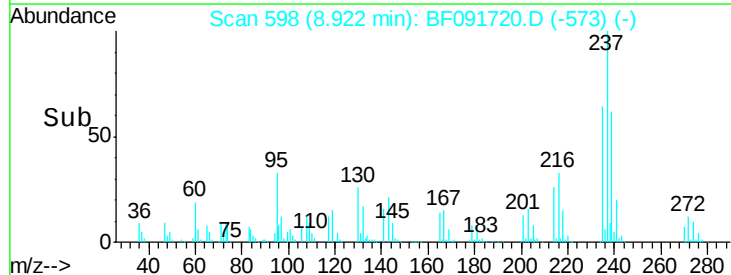
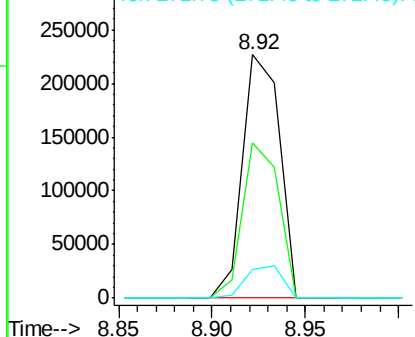


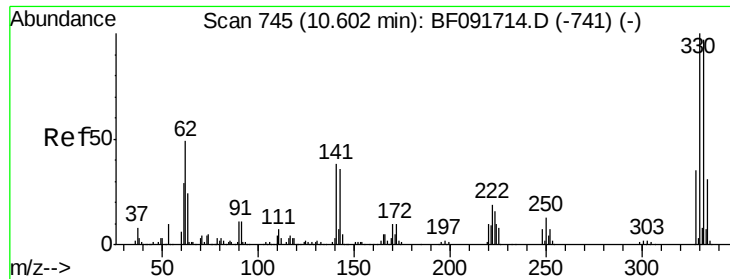
#40
 Hexachlorocyclopentadiene
 Concen: 44.24 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Tgt Ion:237 Resp: 311613
 Ion Ratio Lower Upper
 237 100
 235 63.7 41.2 81.2
 272 11.9 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

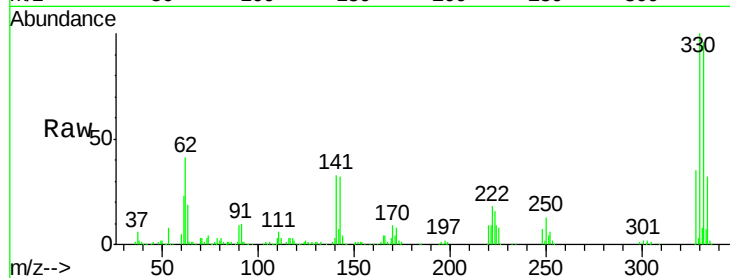




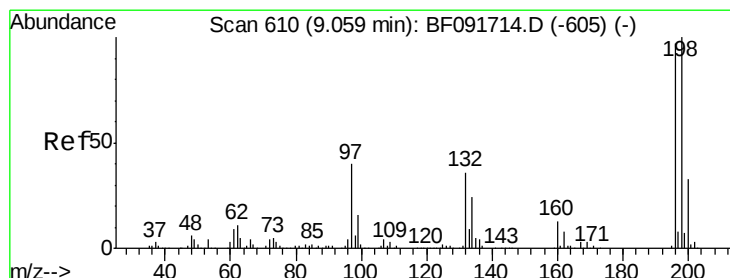
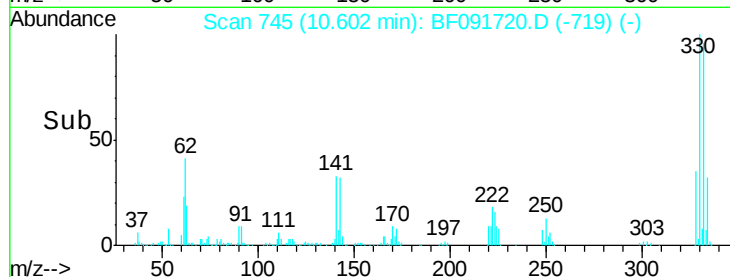
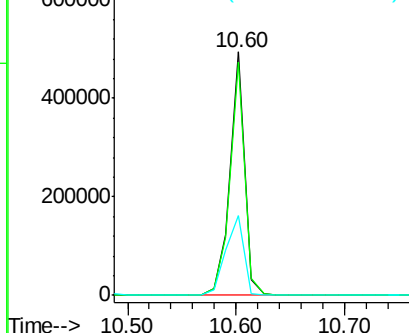
#41
 2,4,6-Tribromophenol
 Concen: 81.58 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 461277
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 40.1 34.1 51.1

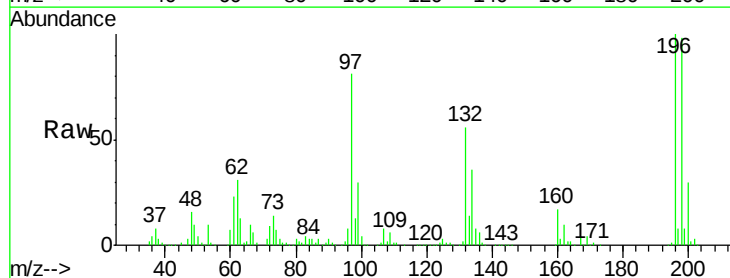


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

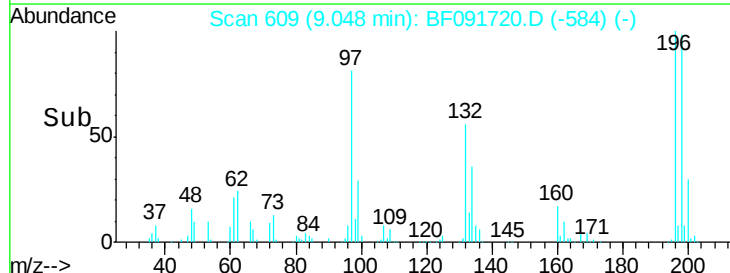
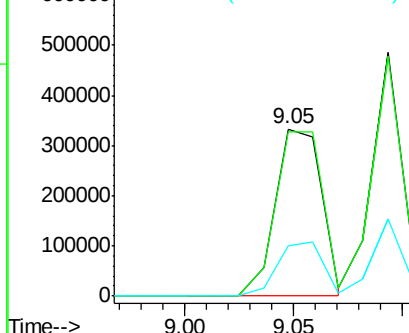


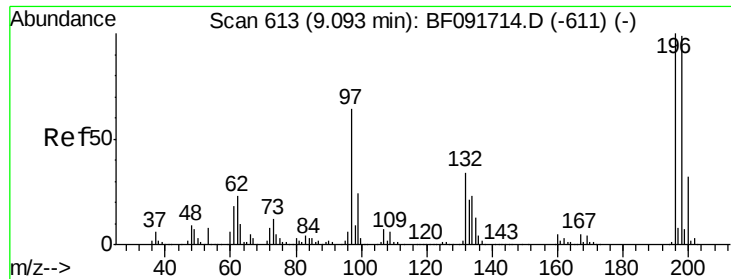
#42
 2,4,6-Trichlorophenol
 Concen: 41.89 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Tgt Ion:196 Resp: 497472
 Ion Ratio Lower Upper
 196 100
 198 98.2 82.1 123.1
 200 30.3 27.0 40.4



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

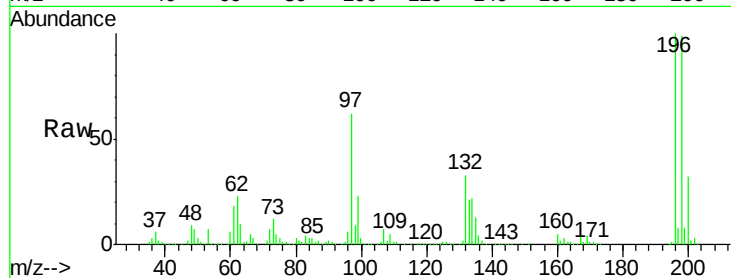




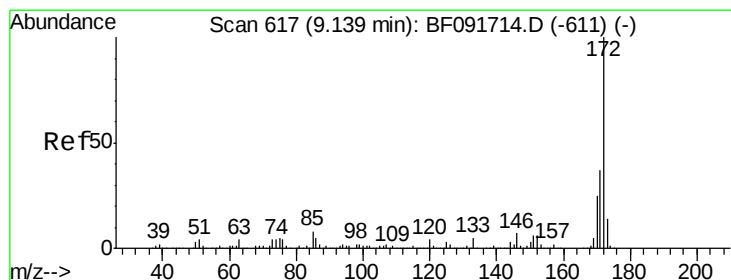
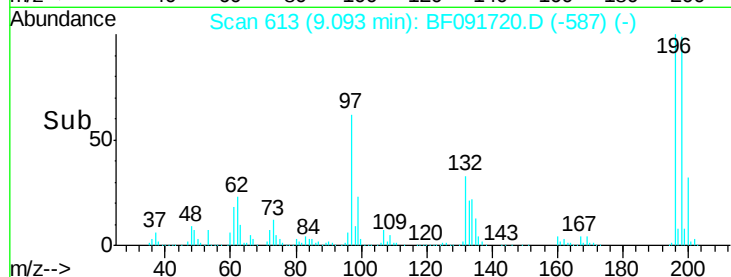
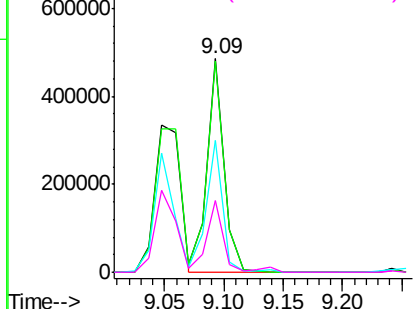
#43
 2,4,5-Trichlorophenol
 Concen: 41.23 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 480994
 Ion Ratio Lower Upper
 196 100
 198 98.6 79.4 119.2
 97 61.7 51.5 77.3
 132 33.4 27.4 41.2

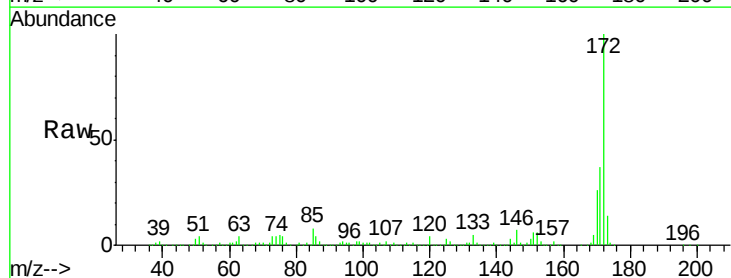


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

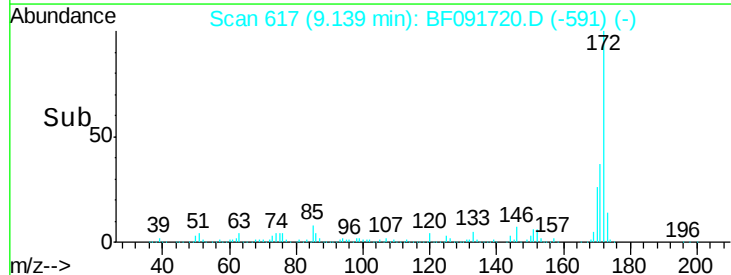
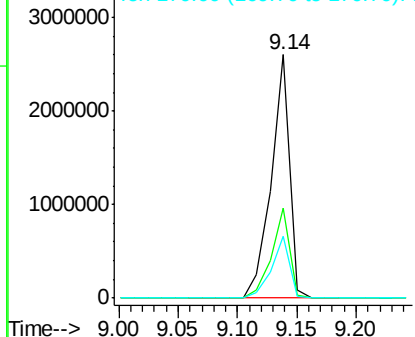


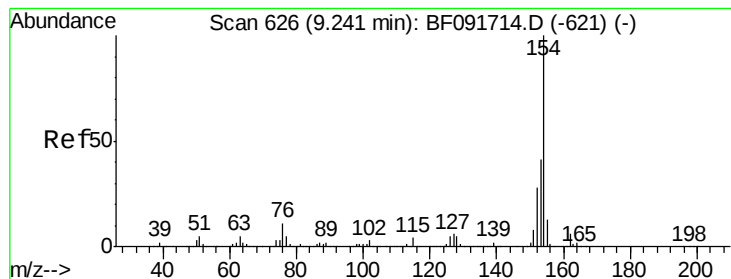
#44
 2-Fluorobiphenyl
 Concen: 84.18 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Tgt Ion:172 Resp: 2794030
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 25.7 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: 42.67 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

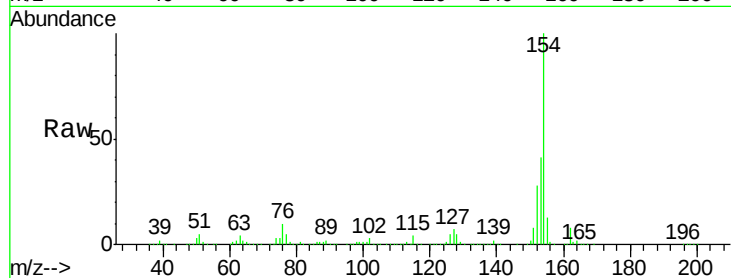
Tgt Ion:154 Resp: 2039366

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

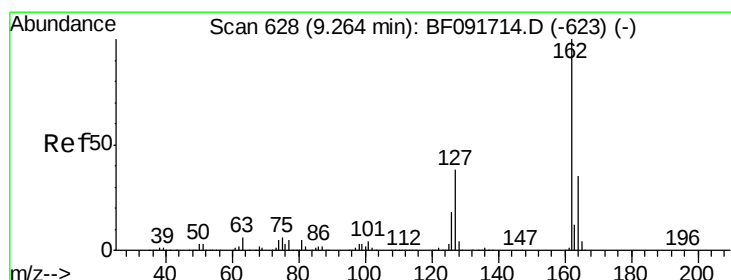
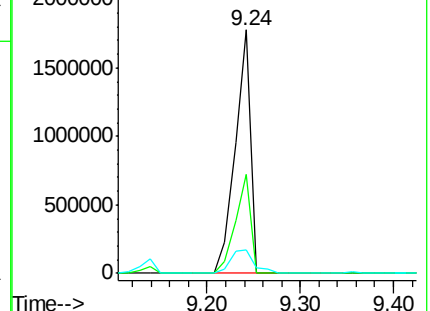
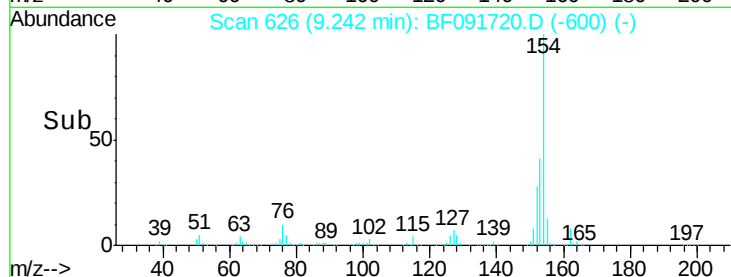
76 9.8 0.0 30.5



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: 42.76 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

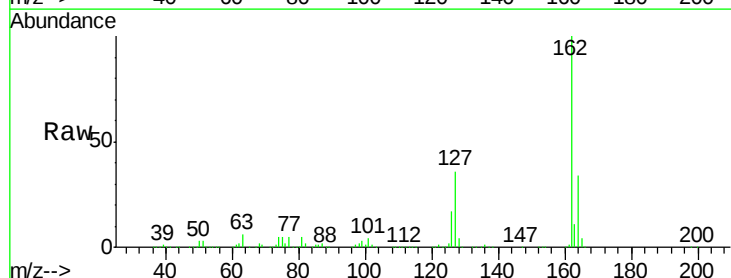
Tgt Ion:162 Resp: 1527355

Ion Ratio Lower Upper

162 100

127 35.7 30.7 46.1

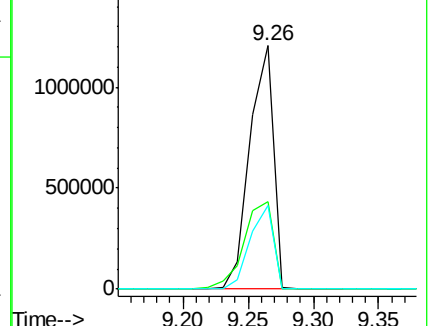
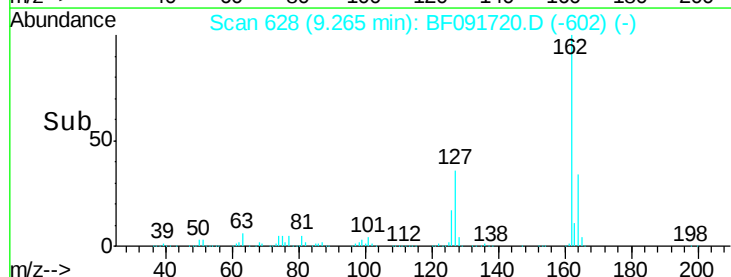
164 34.2 27.6 41.4

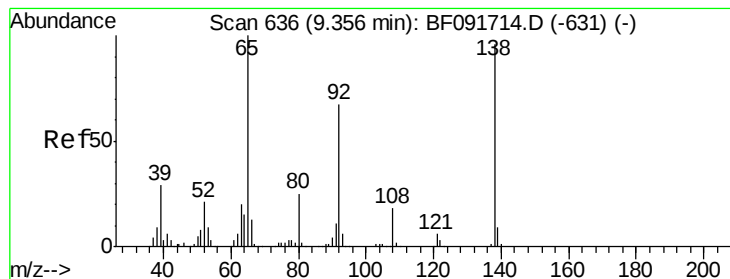


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.71 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

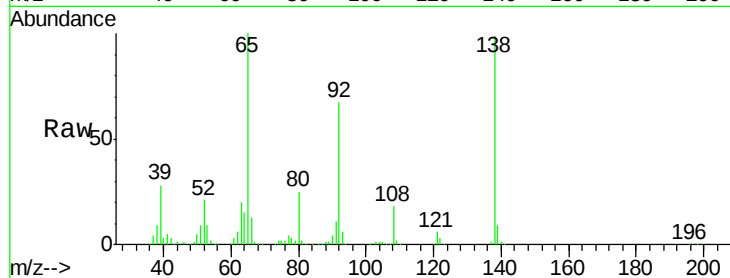
Tgt Ion: 65 Resp: 496449

Ion Ratio Lower Upper

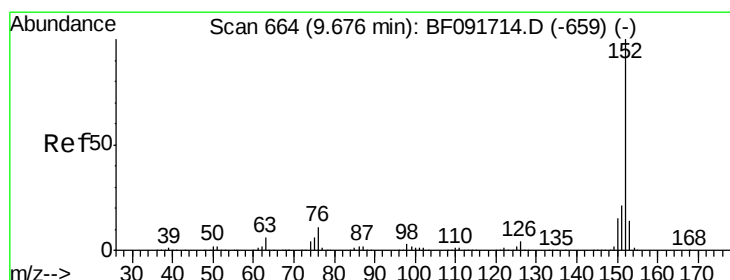
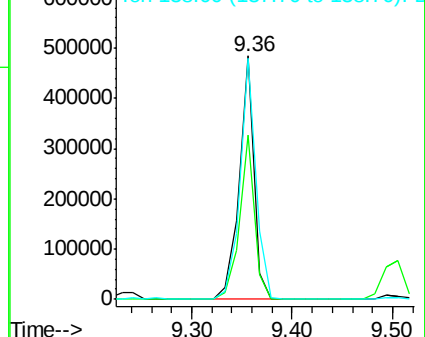
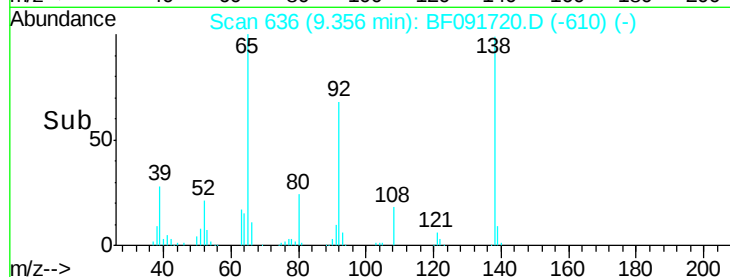
65 100

92 67.4 53.9 80.9

138 98.8 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.90 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

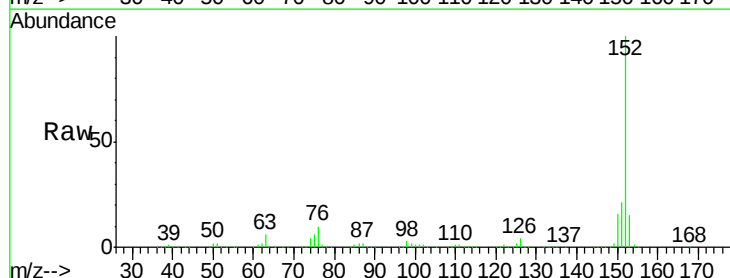
Tgt Ion: 152 Resp: 2318473

Ion Ratio Lower Upper

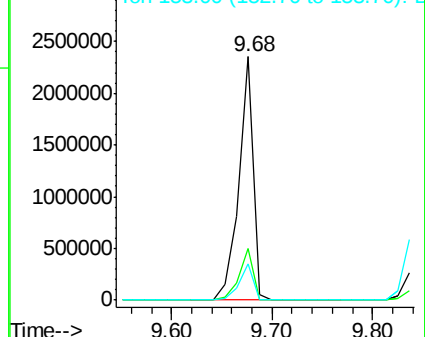
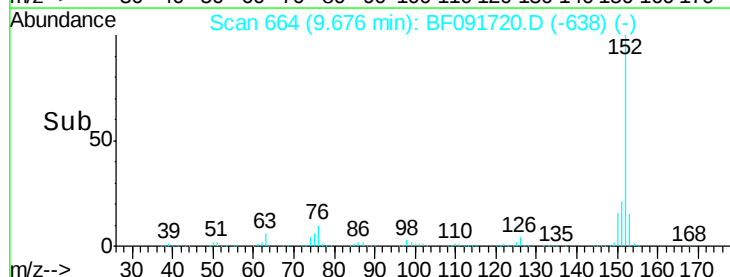
152 100

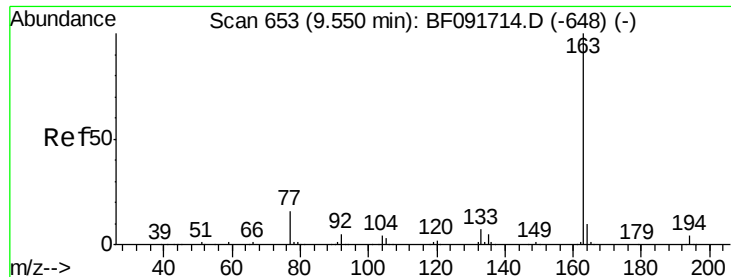
151 21.1 16.9 25.3

153 14.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

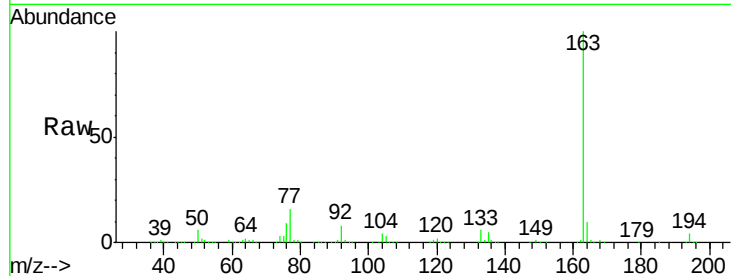




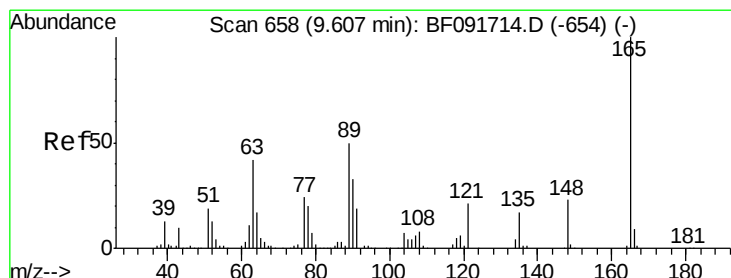
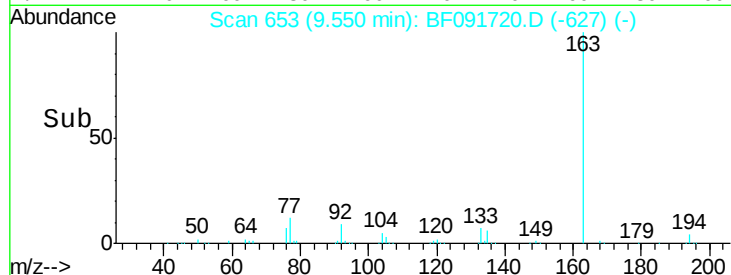
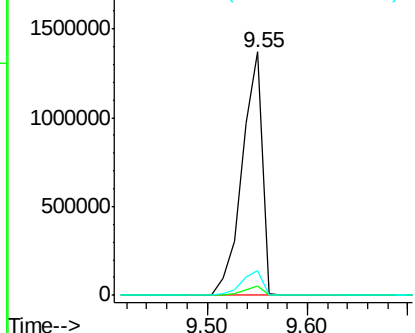
#49
Dimethylphthalate
Concen: 43.25 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1883691
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 8.0 12.0

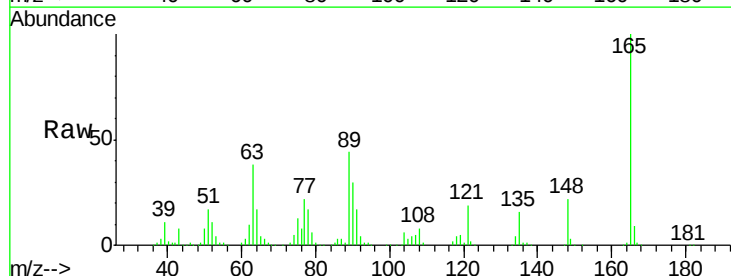


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

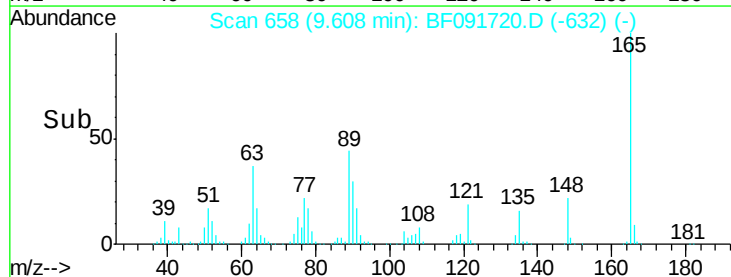
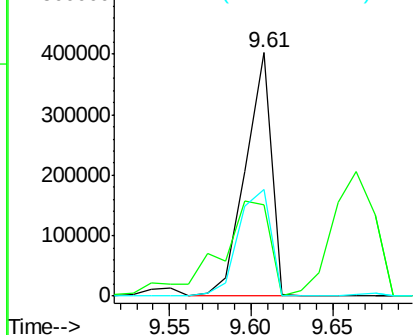


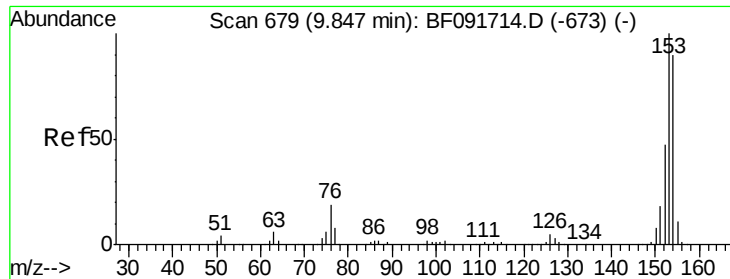
#50
2,6-Dinitrotoluene
Concen: 46.39 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion:165 Resp: 443025
Ion Ratio Lower Upper
165 100
63 37.6 36.2 54.4
89 43.9 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

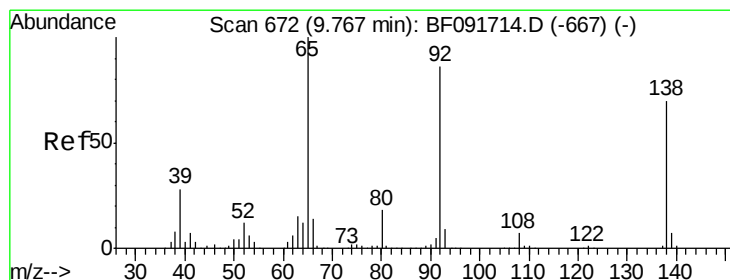
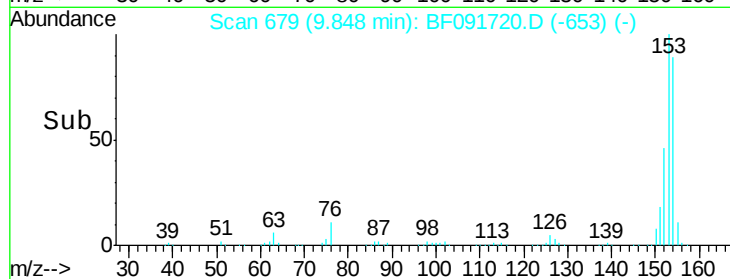
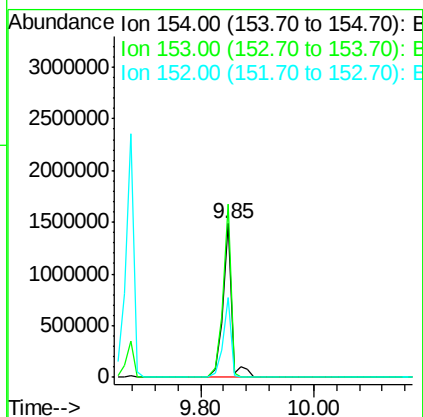
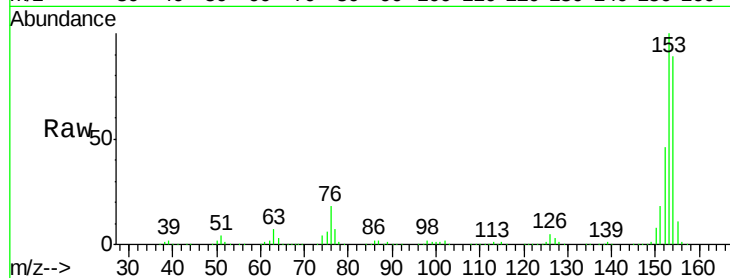




#51
Acenaphthene
Concen: 42.03 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

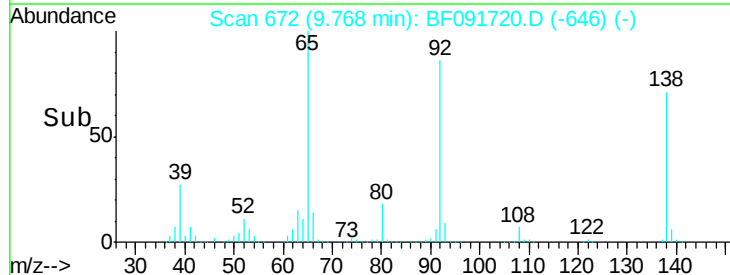
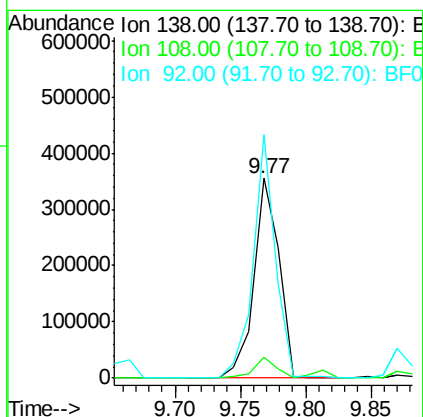
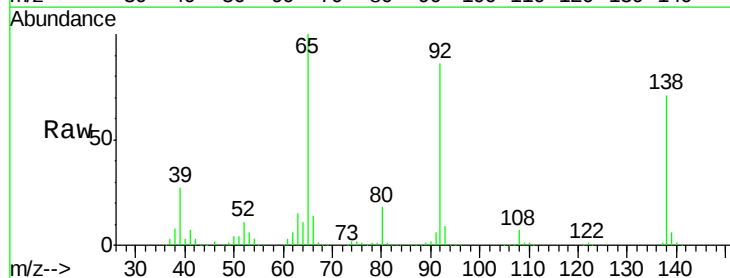
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

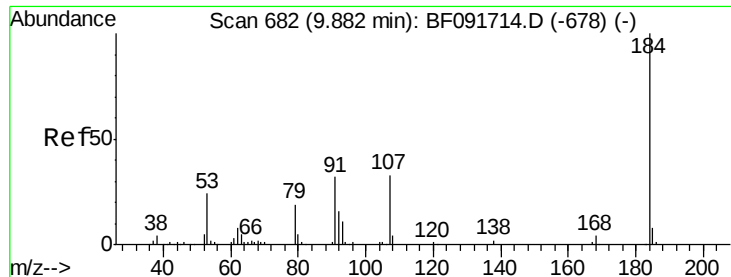
Tgt Ion:154 Resp: 1596550
Ion Ratio Lower Upper
154 100
153 112.2 88.6 133.0
152 52.0 41.6 62.4



#52
3-Nitroaniline
Concen: 40.07 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion:138 Resp: 476454
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 121.9 97.8 146.8

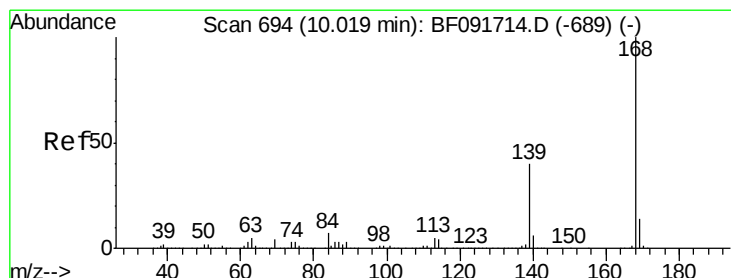
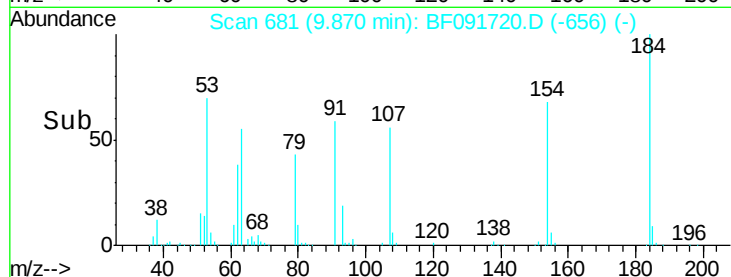
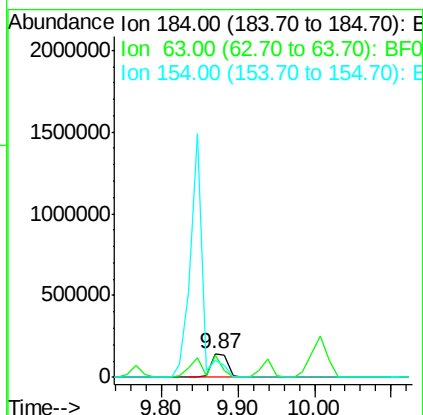
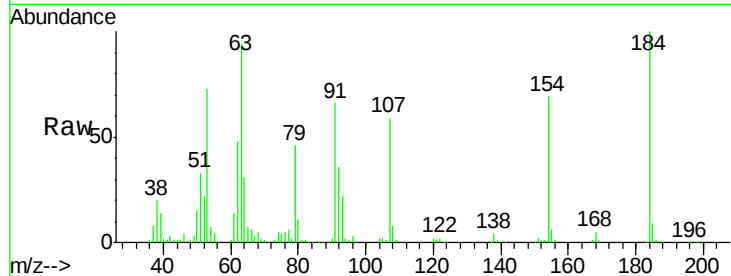




#53
2,4-Dinitrophenol
Concen: 42.51 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

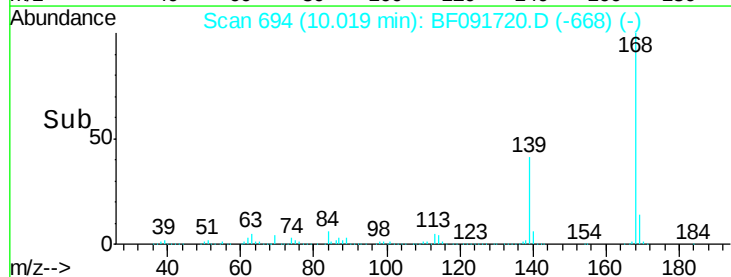
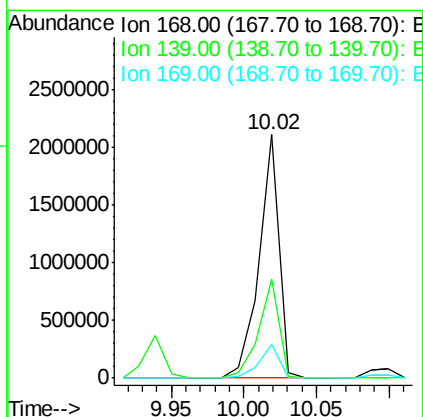
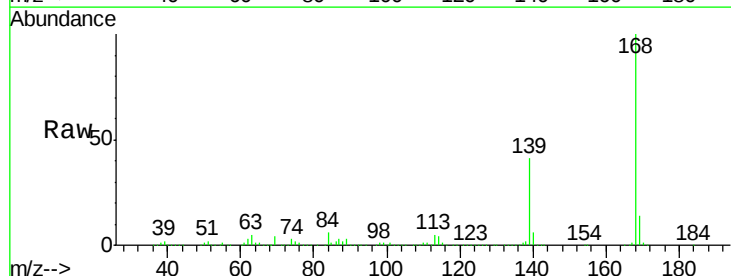
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

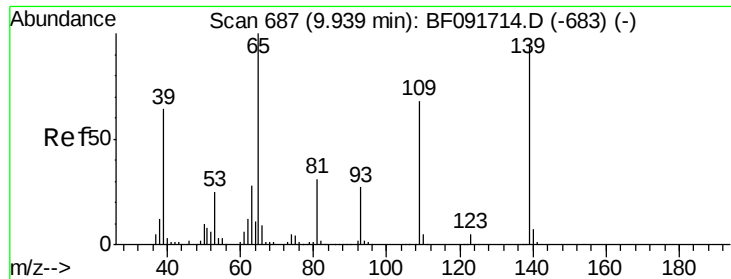
Tgt Ion:184 Resp: 219294
Ion Ratio Lower Upper
184 100
63 94.2 28.4 42.6#
154 68.7 44.3 66.5#



#54
Dibenzofuran
Concen: 44.30 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion:168 Resp: 2000871
Ion Ratio Lower Upper
168 100
139 40.5 32.6 49.0
169 14.0 11.3 16.9

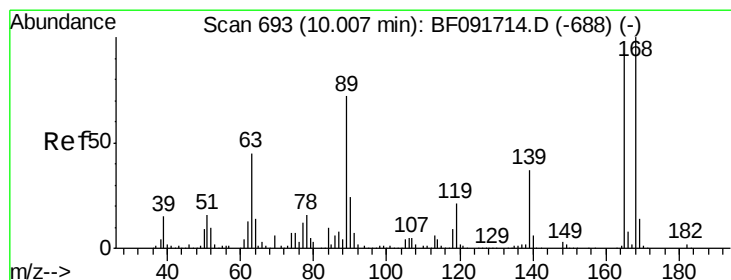
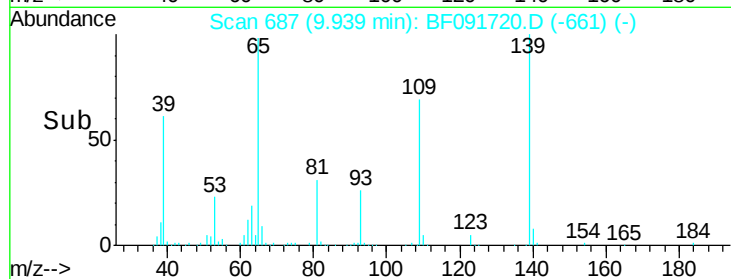
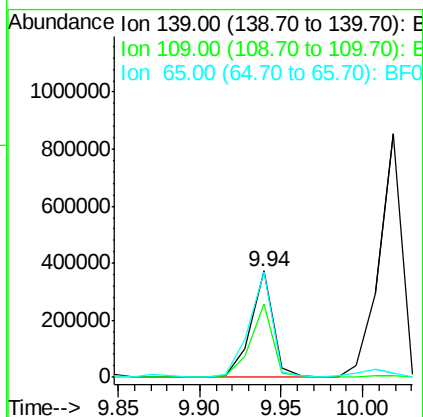
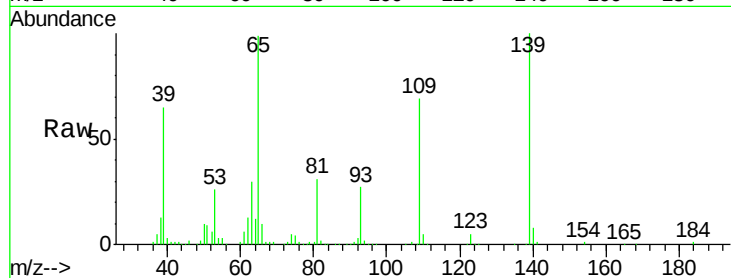




#55
4-Nitrophenol
Concen: 43.62 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

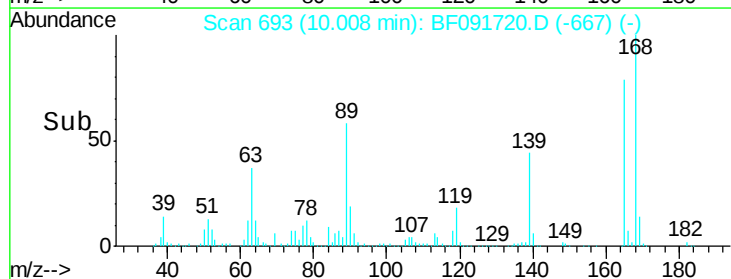
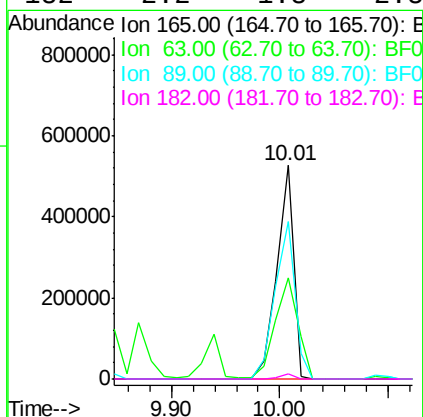
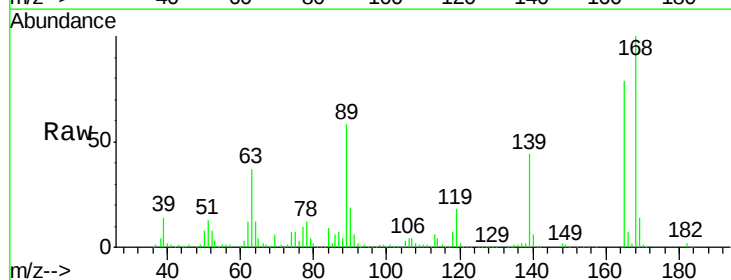
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

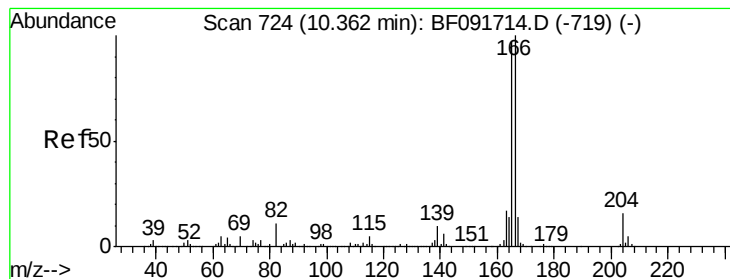
Tgt Ion:139 Resp: 360181
Ion Ratio Lower Upper
139 100
109 68.7 52.2 92.2
65 98.9 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 47.10 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion:165 Resp: 561874
Ion Ratio Lower Upper
165 100
63 47.4 40.2 60.4
89 73.9 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 46.61 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

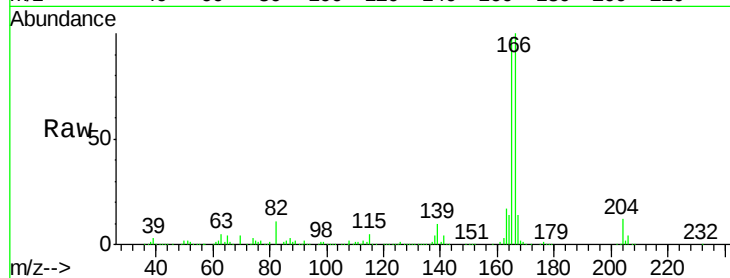
Tgt Ion:166 Resp: 1635237

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

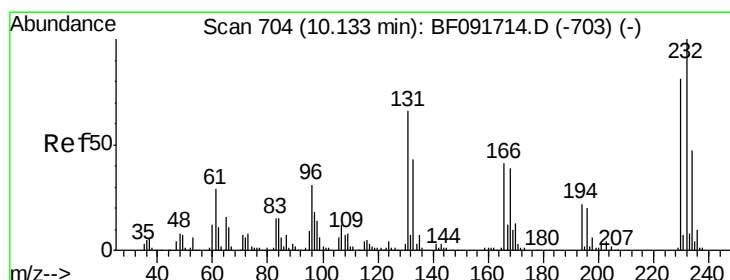
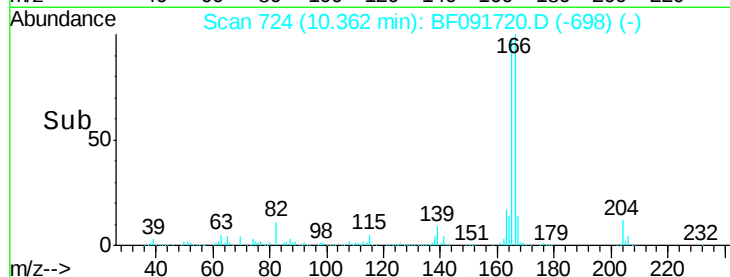
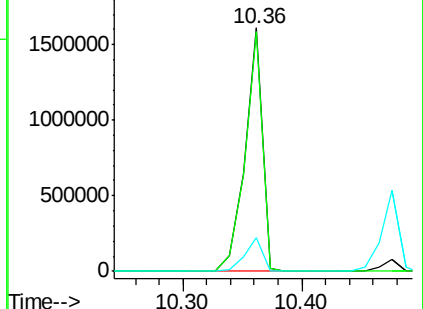
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.48 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Tgt Ion:232 Resp: 400068

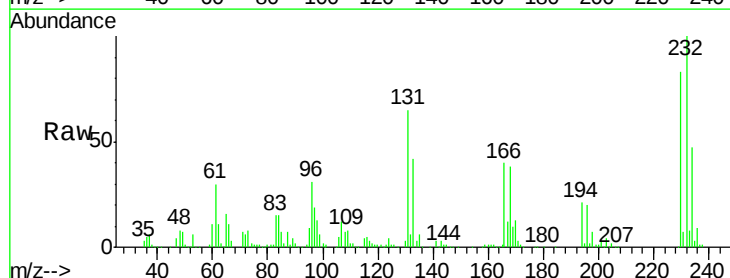
Ion Ratio Lower Upper

232 100

131 48.6 40.1 60.1

130 2.3 1.8 2.8

166 31.8 26.6 39.8

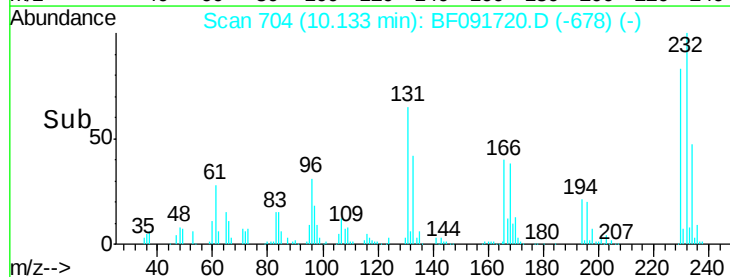
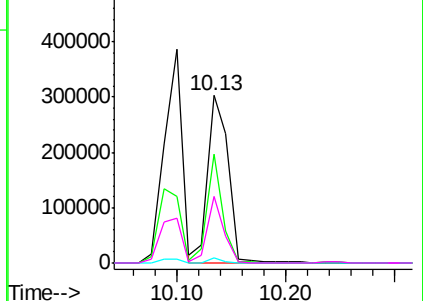


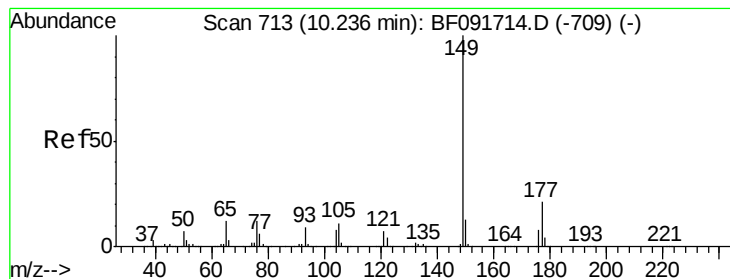
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.41 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

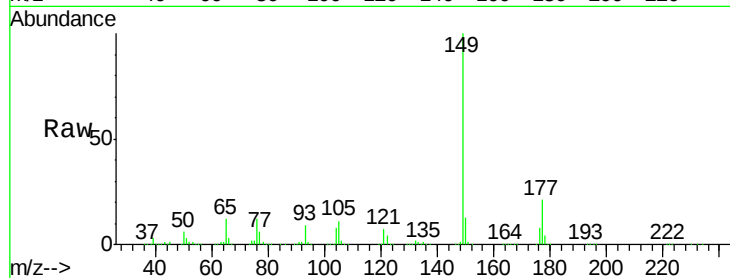
Tgt Ion:149 Resp: 1687156

Ion Ratio Lower Upper

149 100

177 21.3 16.6 25.0

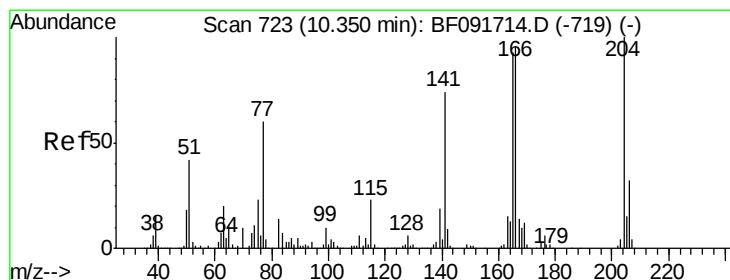
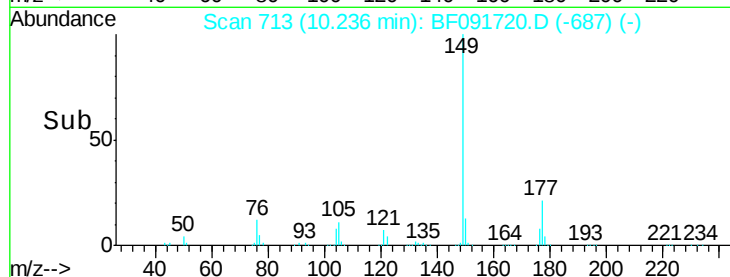
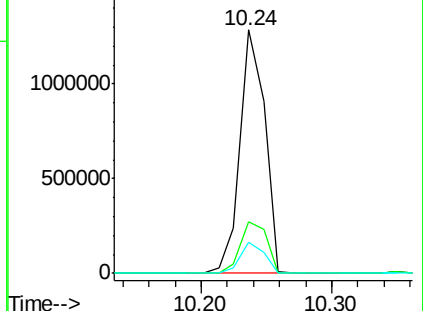
150 12.9 10.4 15.6



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: 40.05 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

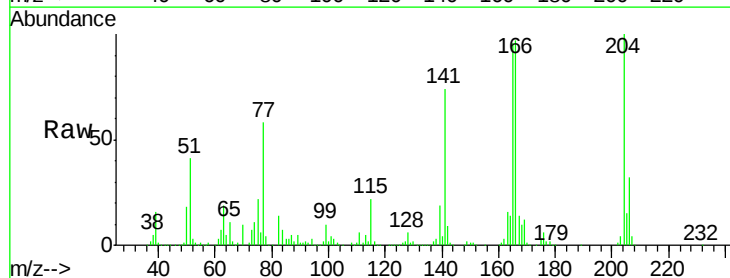
Tgt Ion:204 Resp: 639971

Ion Ratio Lower Upper

204 100

206 32.3 25.8 38.6

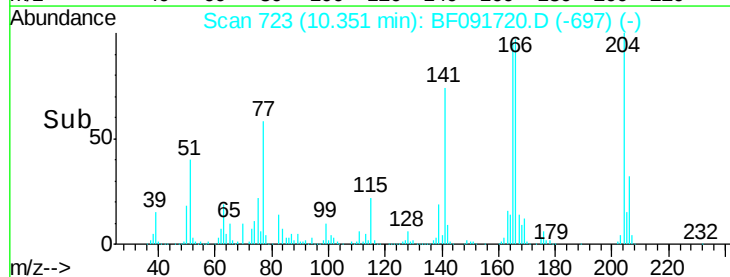
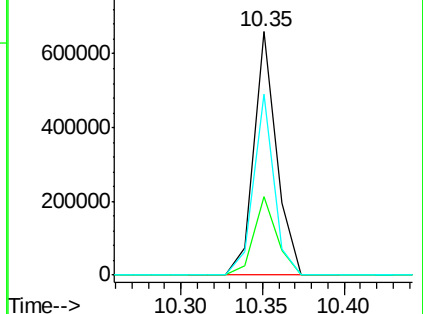
141 74.2 59.4 89.0

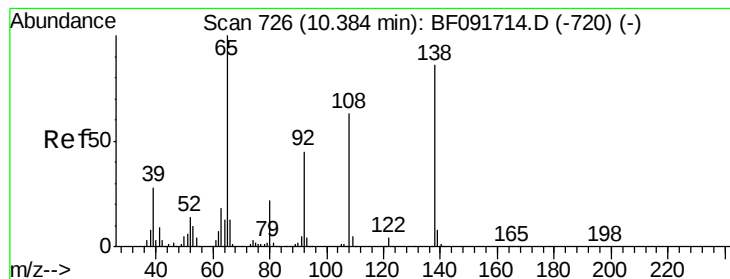


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.60 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

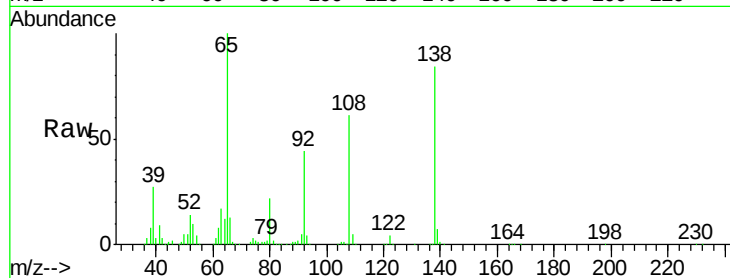
Tgt Ion:138 Resp: 457351

Ion Ratio Lower Upper

138 100

92 52.2 31.7 71.7

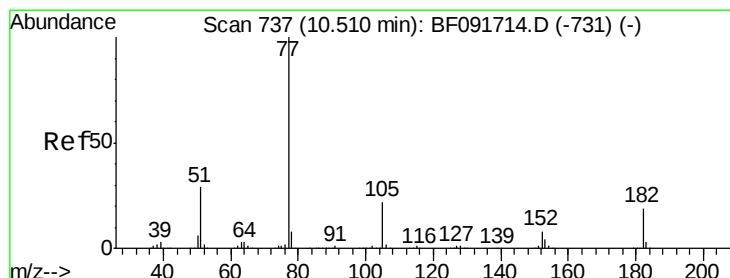
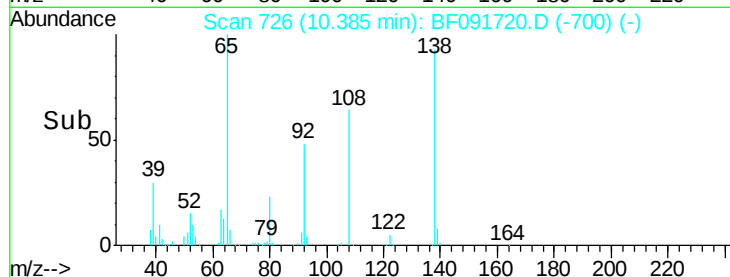
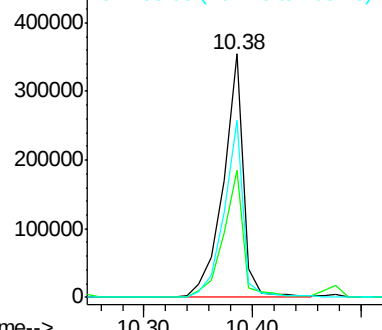
108 72.5 52.6 92.6



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: 40.00 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Tgt Ion: 77 Resp: 1822375

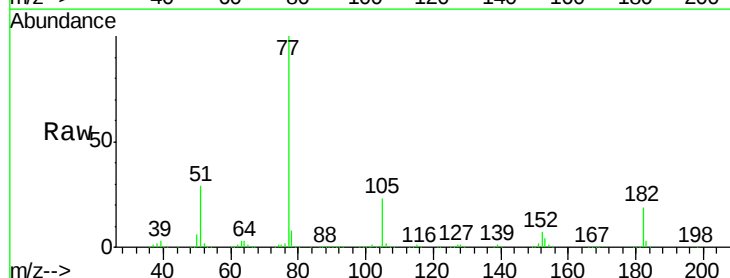
Ion Ratio Lower Upper

77 100

182 19.4 0.0 39.3

105 22.6 2.3 42.3

51 29.2 8.9 48.9

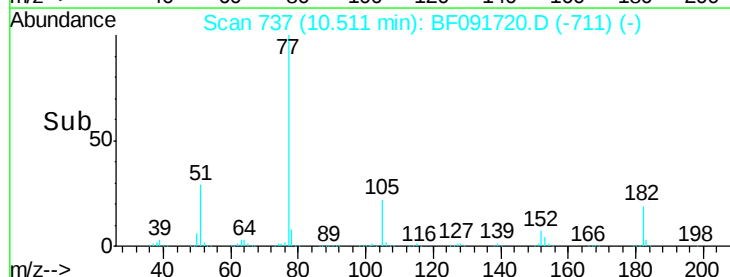
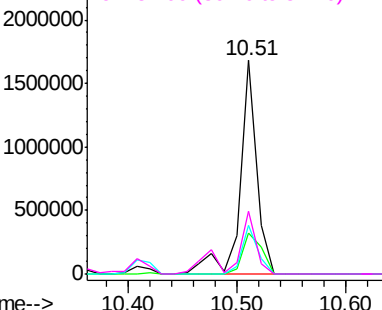


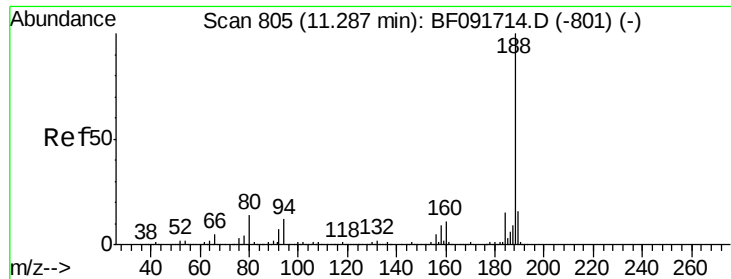
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

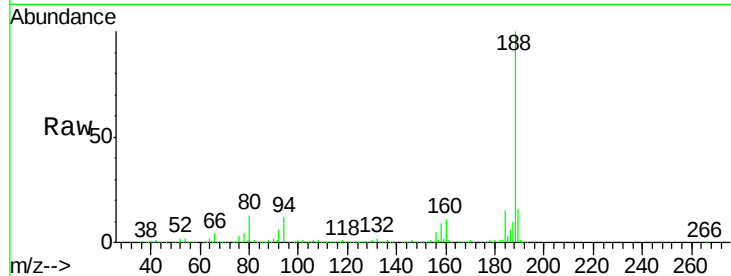




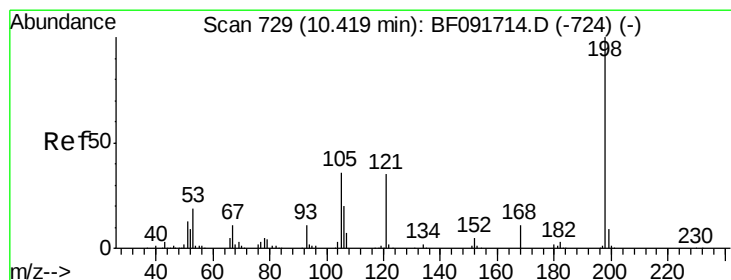
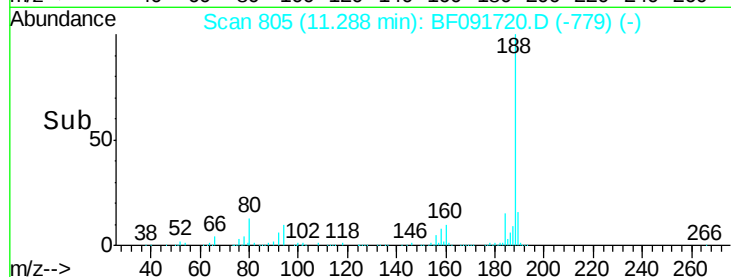
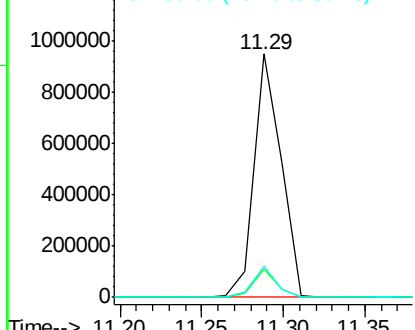
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 1092174
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 13.0 11.2 16.8

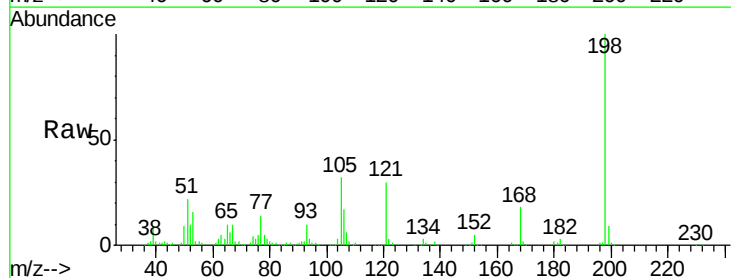


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

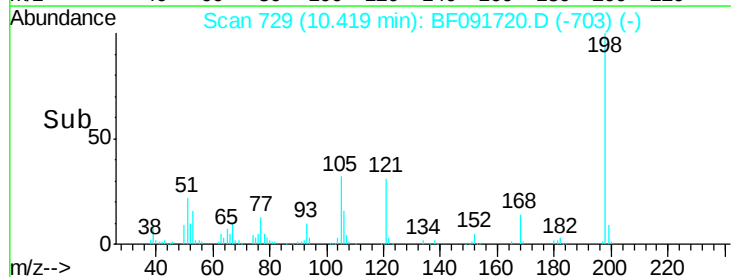
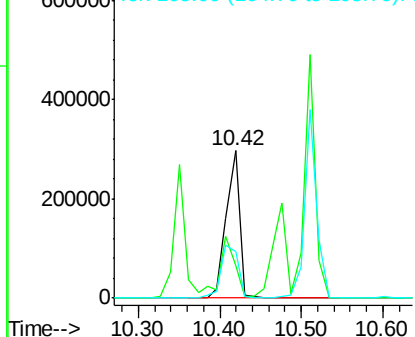


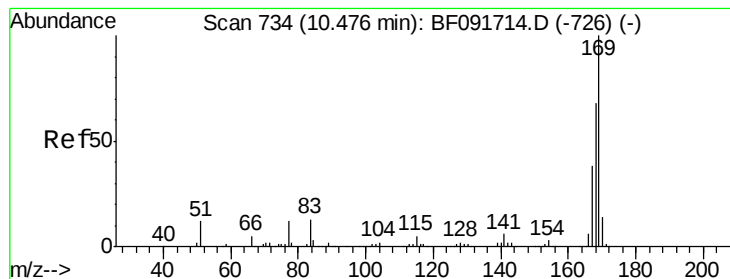
#64
4,6-Dinitro-2-methylphenol
Concen: 46.66 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion:198 Resp: 336094
Ion Ratio Lower Upper
198 100
51 21.9 6.7 46.7
105 31.8 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 42.00 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

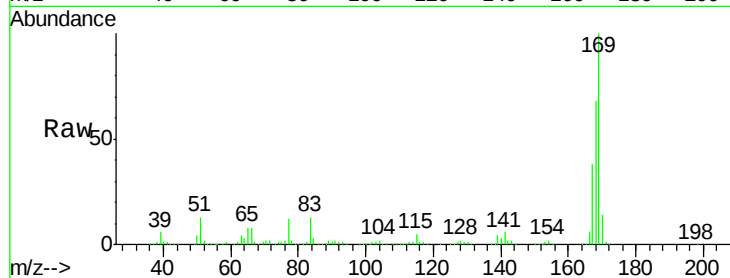
Tgt Ion:169 Resp: 1424257

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

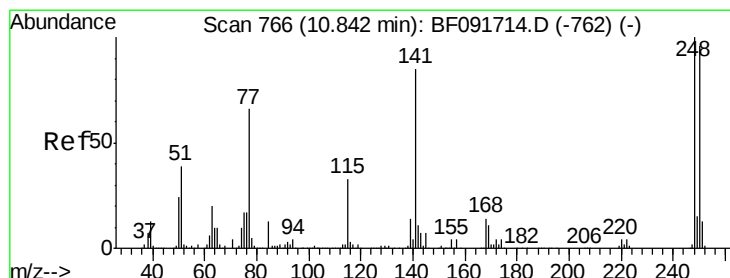
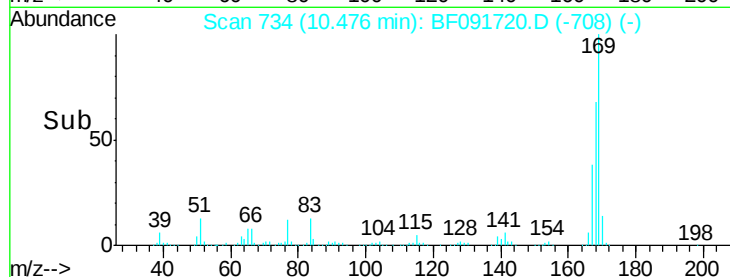
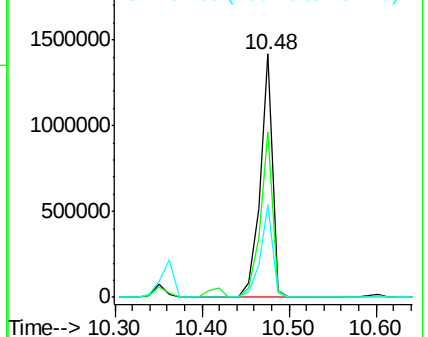
167 37.8 30.2 45.4



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: 40.61 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

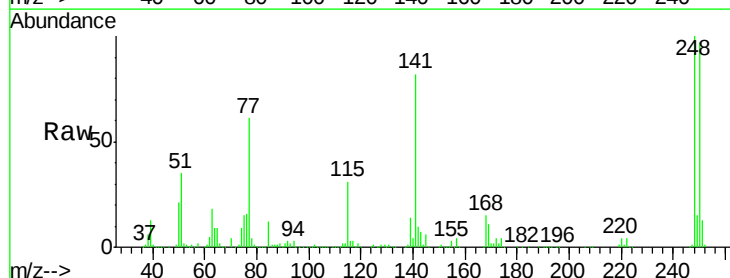
Tgt Ion:248 Resp: 465090

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

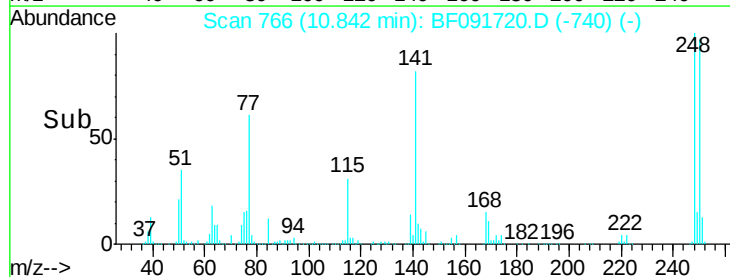
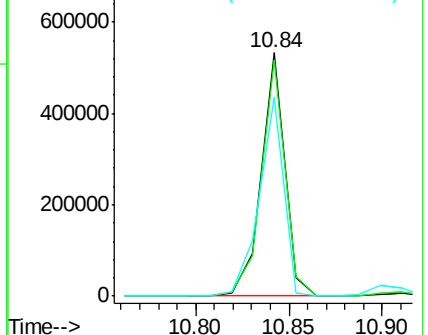
141 81.5 68.2 102.4

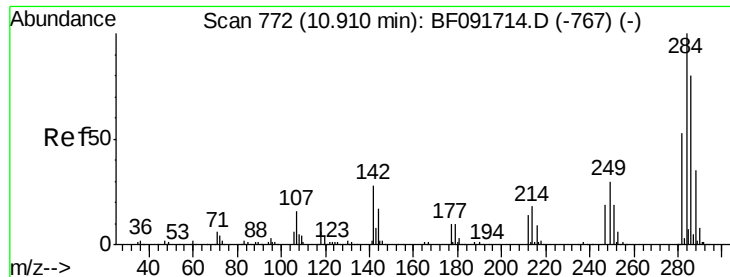


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

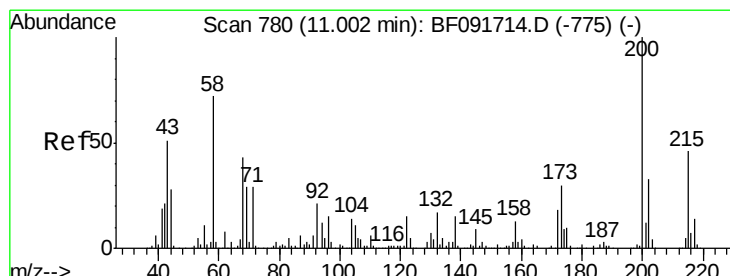
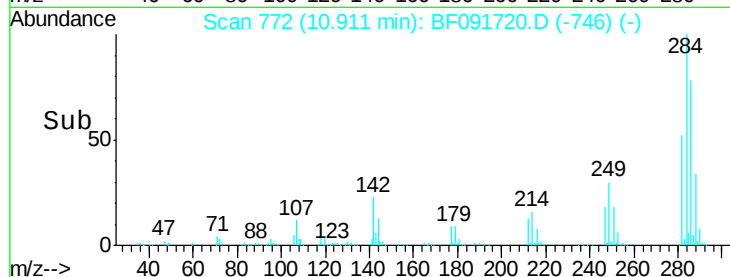
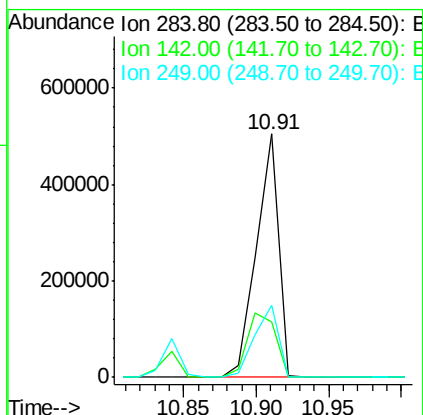
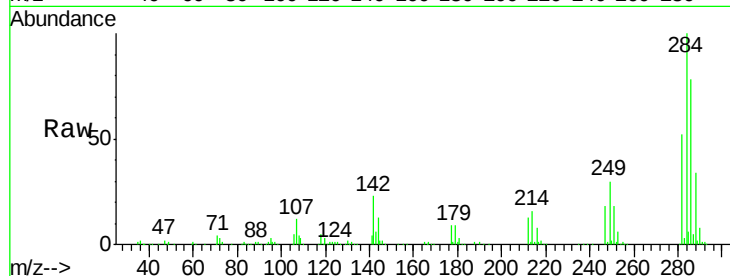




#67
Hexachlorobenzene
Concen: 44.65 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

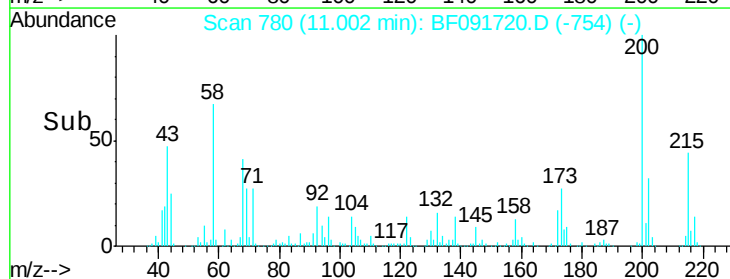
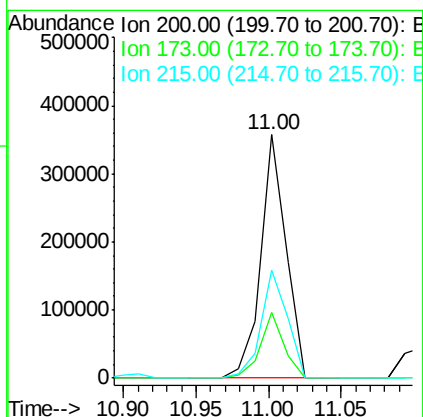
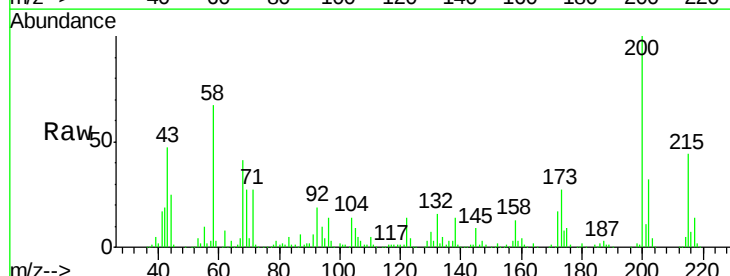
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

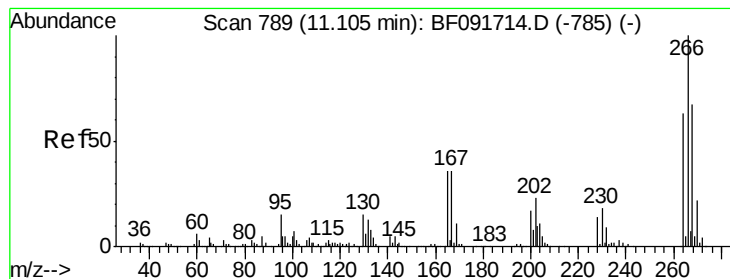
Tgt Ion: 284 Resp: 535838
Ion Ratio Lower Upper
284 100
142 22.8 22.6 33.8
249 29.6 25.4 38.0



#68
Atrazine
Concen: 41.84 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion: 200 Resp: 428798
Ion Ratio Lower Upper
200 100
173 27.1 9.6 49.6
215 44.2 25.7 65.7





#69

Pentachlorophenol

Concen: 48.13 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

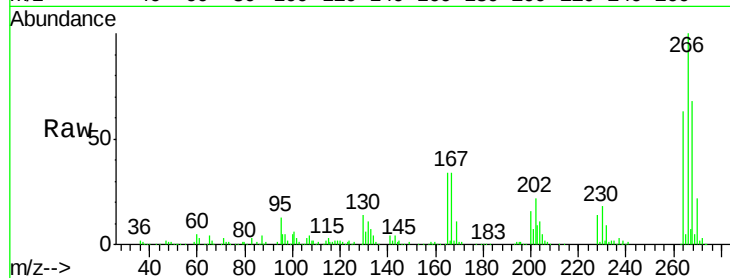
Tgt Ion:266 Resp: 311663

Ion Ratio Lower Upper

266 100

268 68.2 53.3 79.9

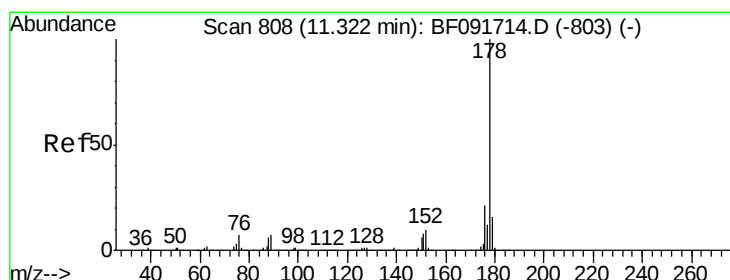
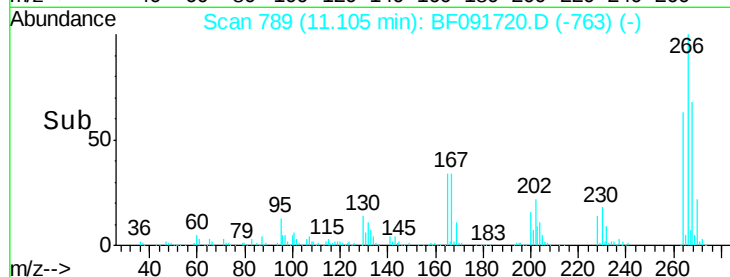
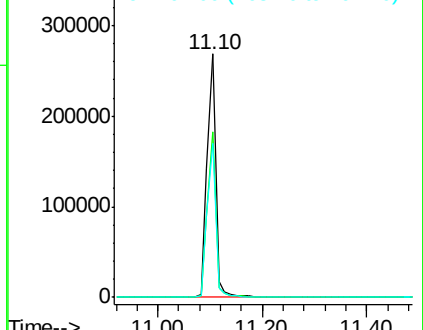
264 63.3 50.3 75.5



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: 44.92 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

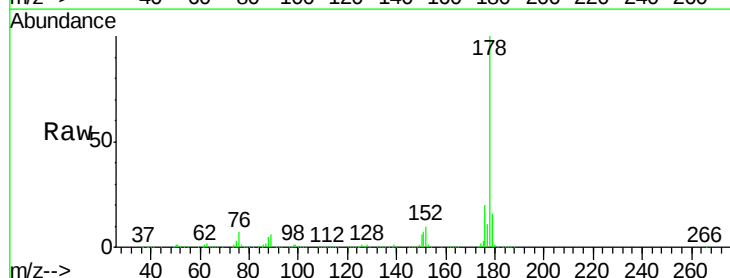
Tgt Ion:178 Resp: 2451525

Ion Ratio Lower Upper

178 100

176 20.4 16.6 25.0

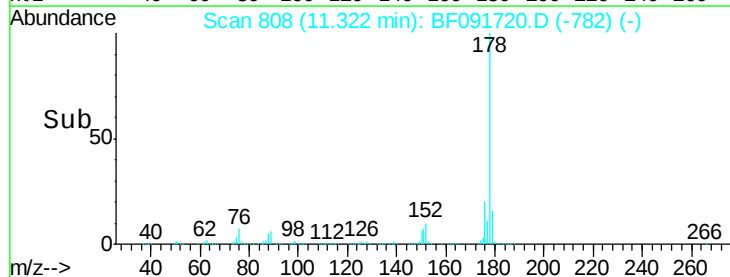
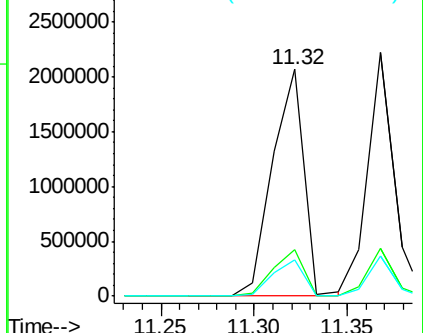
179 16.1 12.8 19.2

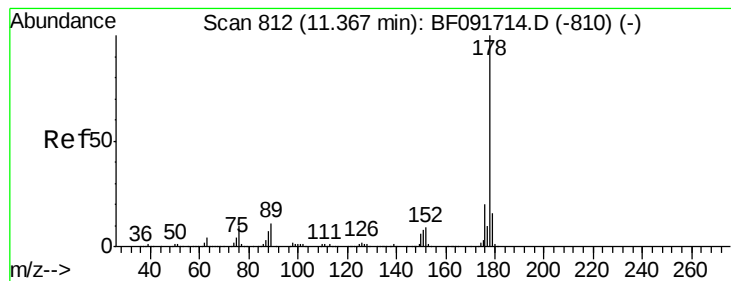


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 36.92 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

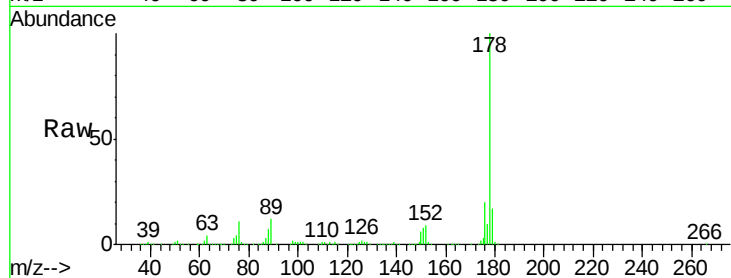
Tgt Ion:178 Resp: 2134233

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

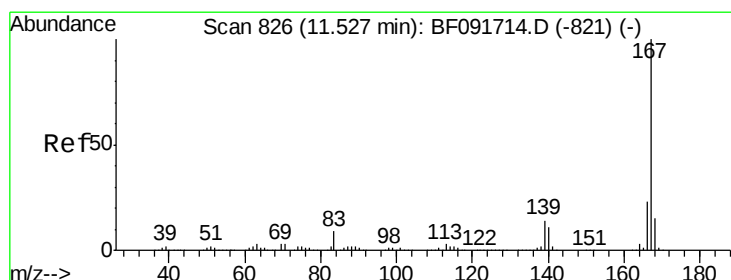
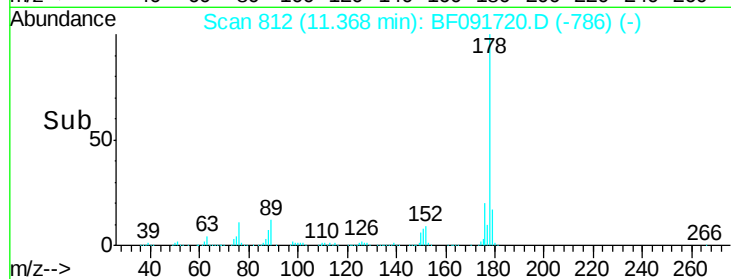
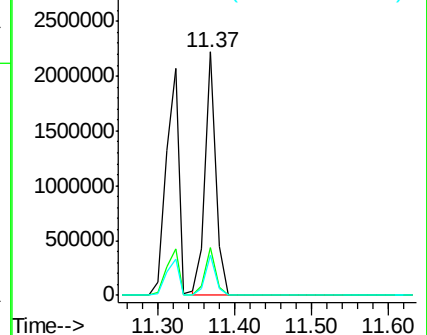
179 16.6 13.2 19.8



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: 44.62 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

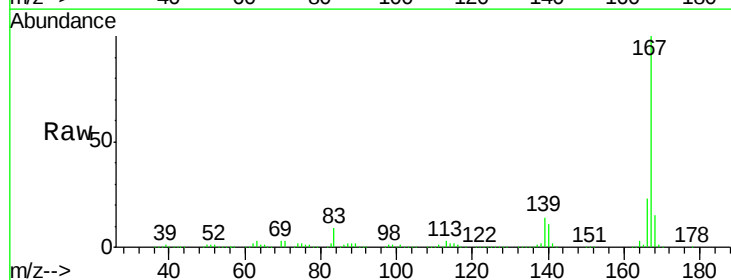
Tgt Ion:167 Resp: 2255492

Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.2

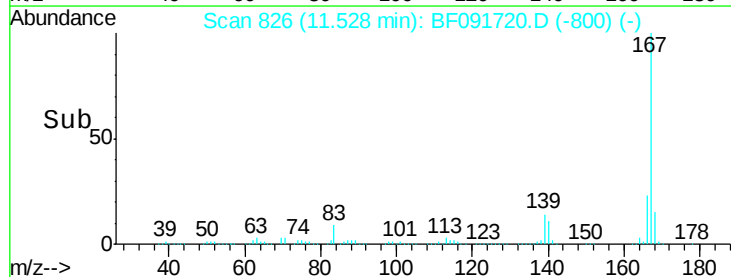
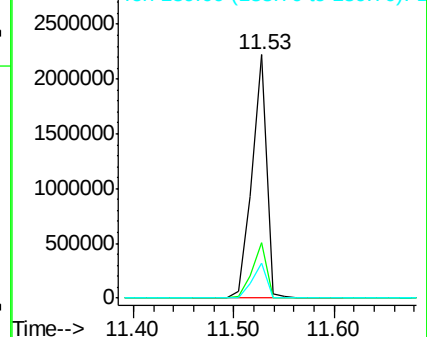
139 14.3 11.4 17.2

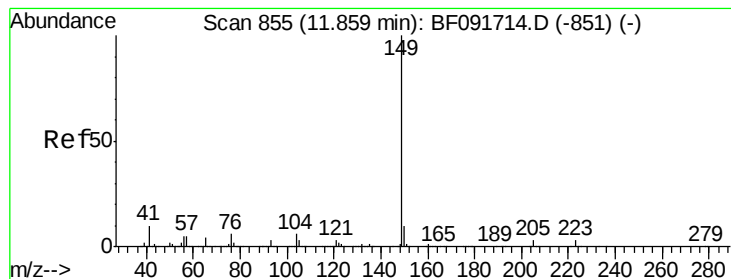


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.10 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

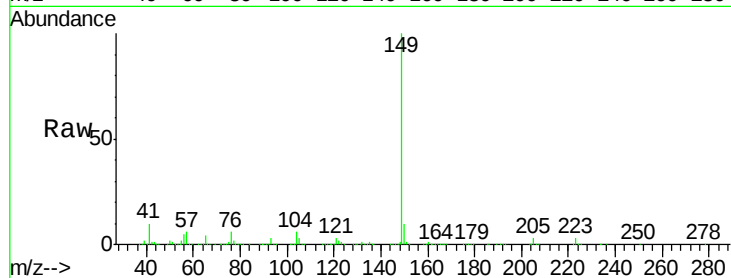
Tgt Ion:149 Resp: 2533647

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

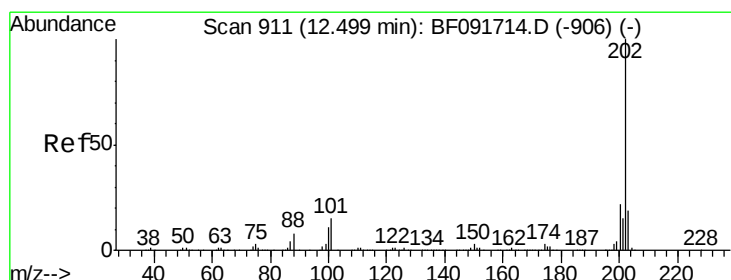
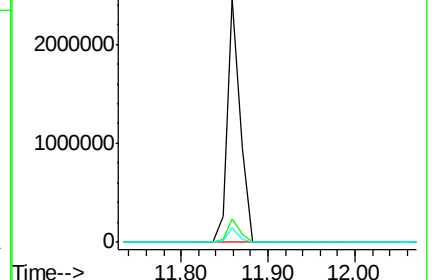
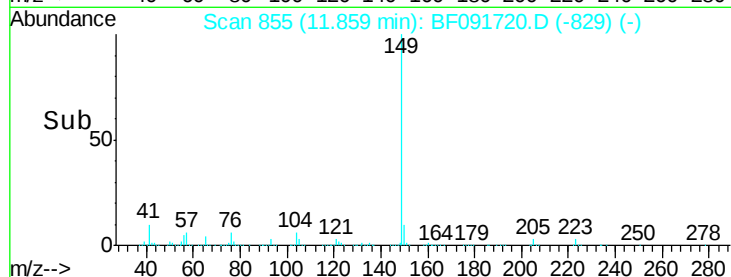
104 5.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.28 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

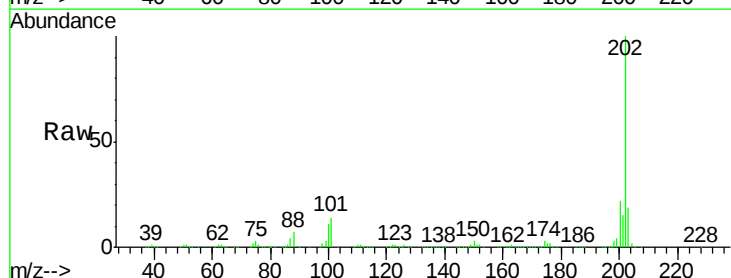
Tgt Ion:202 Resp: 2239137

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

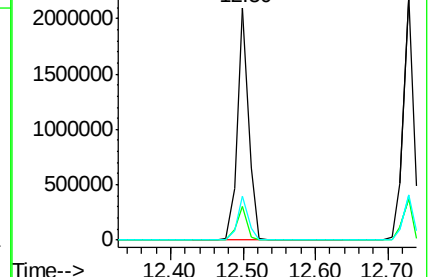
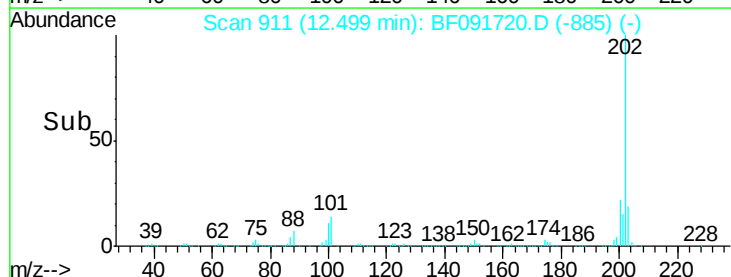
203 18.8 0.0 38.7

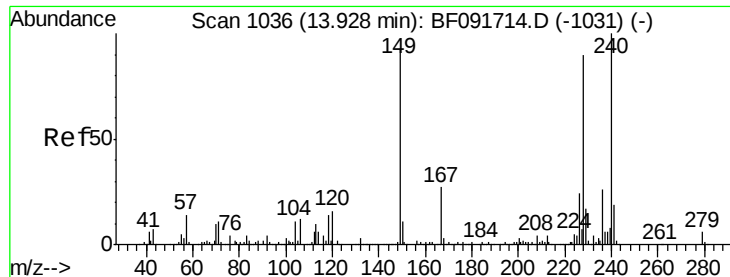


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

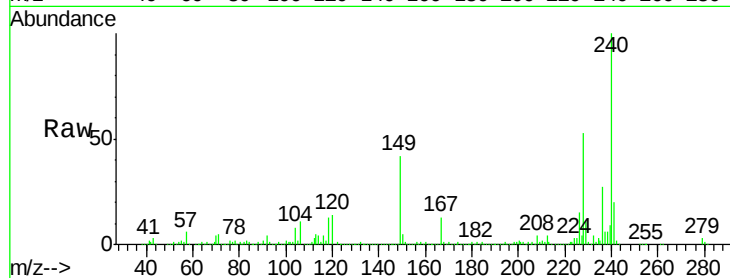
Tgt Ion:240 Resp: 813251

Ion Ratio Lower Upper

240 100

120 14.4 12.9 19.3

236 26.6 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

1200000

800000

600000

400000

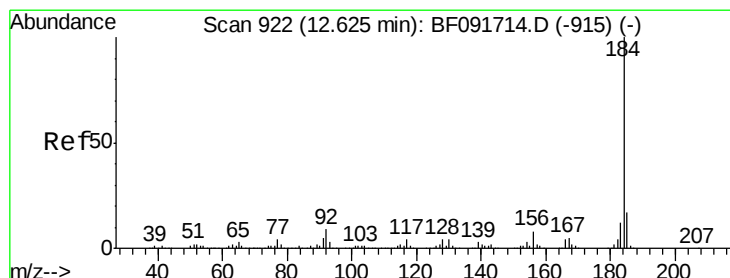
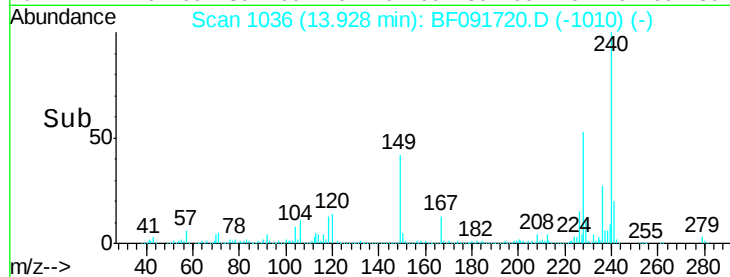
200000

0

13.80

14.00

Time-->



#76

Benzidine

Concen: 43.88 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

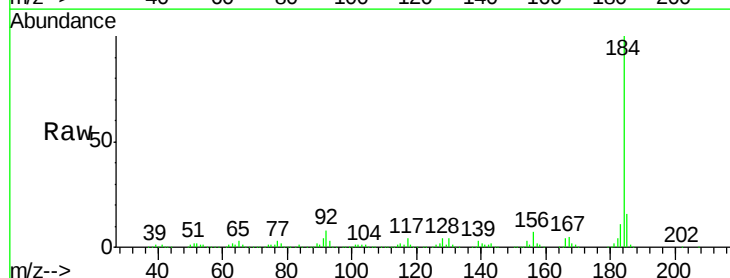
Tgt Ion:184 Resp: 1027256

Ion Ratio Lower Upper

184 100

185 16.5 13.4 20.0

183 11.4 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

1500000

1000000

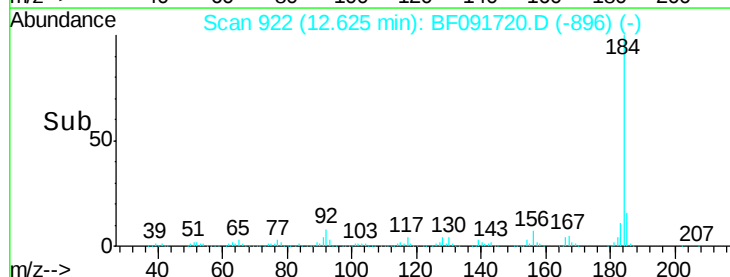
500000

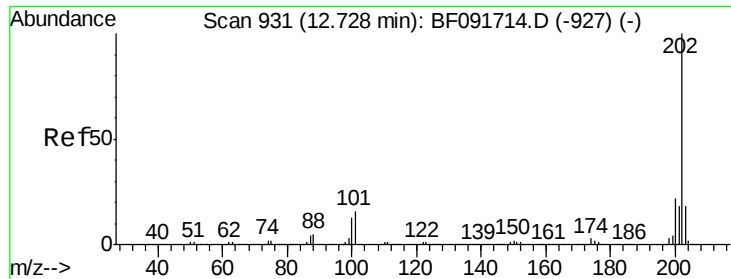
0

12.60

12.80

Time-->



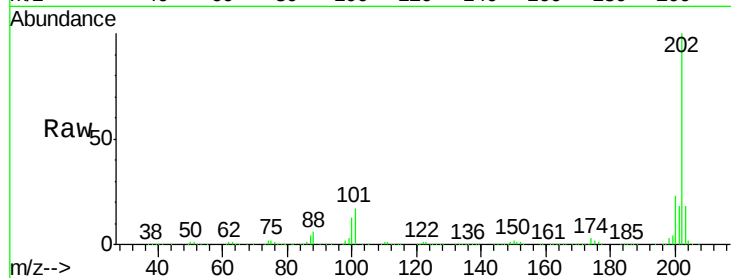


#77
 Pyrene
 Concen: 37.87 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

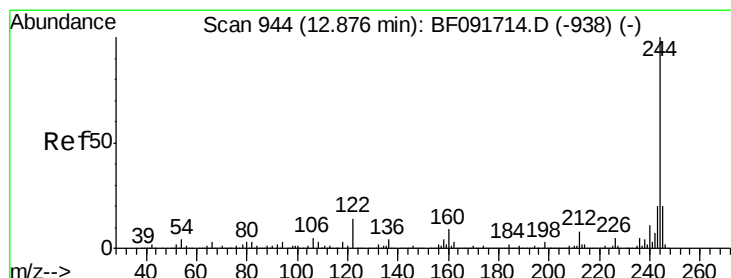
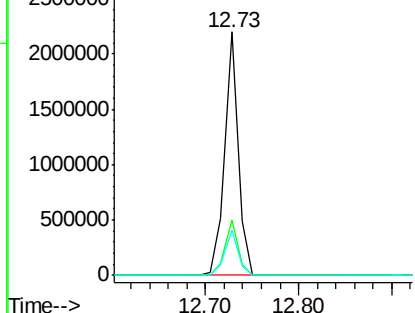
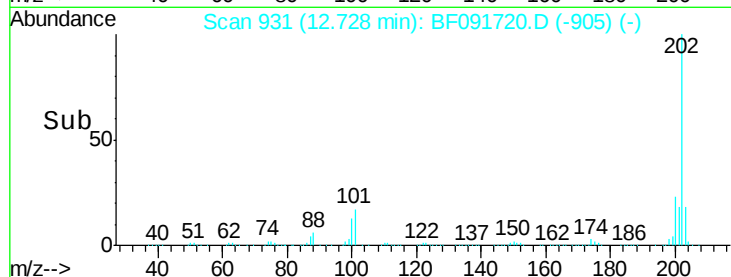
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 2223973

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.7	26.5
203	18.4	14.7	22.1



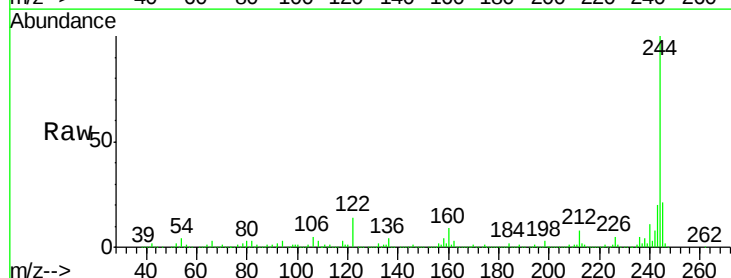
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



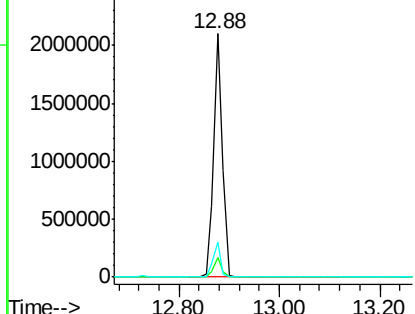
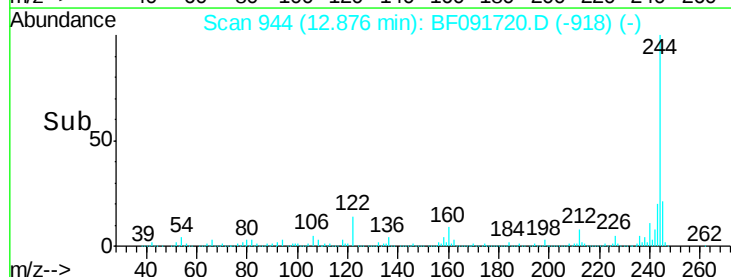
#78
 Terphenyl-d14
 Concen: 78.67 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

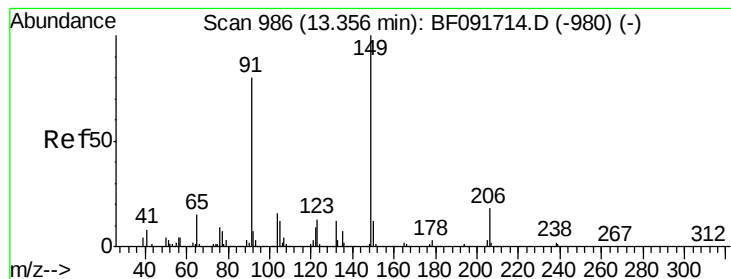
Tgt Ion: 244 Resp: 2533958

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.5	11.4	17.2



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





#79

Butylbenzylphthalate

Concen: 44.61 ng

RT: 13.36 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

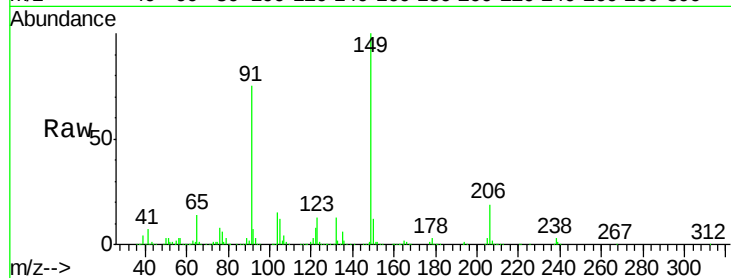
Tgt Ion:149 Resp: 1226178

Ion Ratio Lower Upper

149 100

91 74.7 63.9 95.9

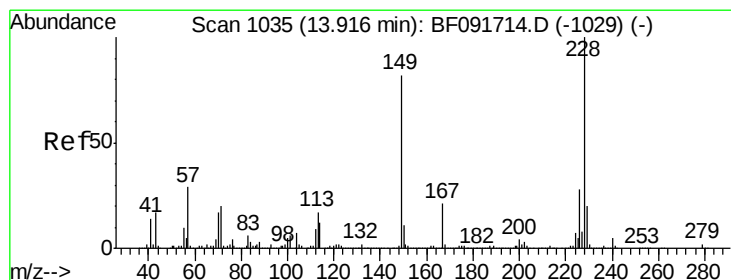
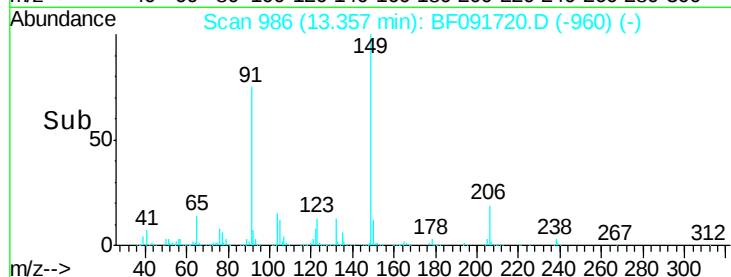
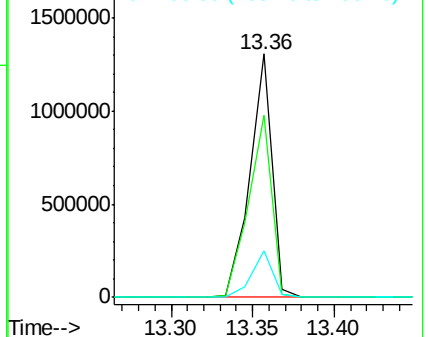
206 19.1 14.6 21.8



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: 41.18 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

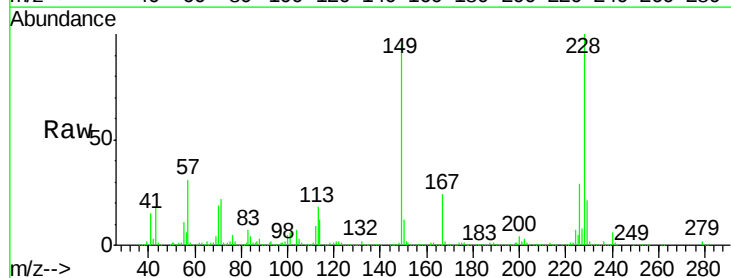
Tgt Ion:228 Resp: 1915530

Ion Ratio Lower Upper

228 100

226 28.8 22.4 33.6

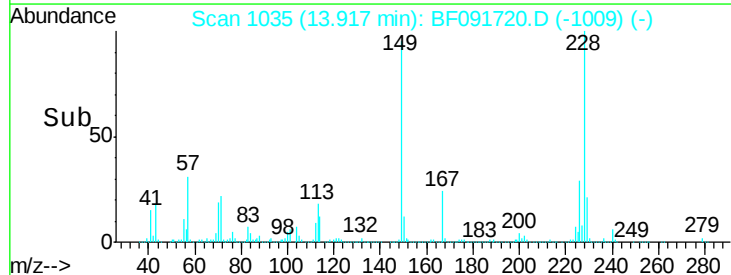
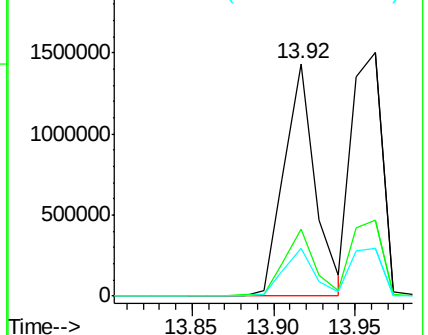
229 20.6 16.2 24.4

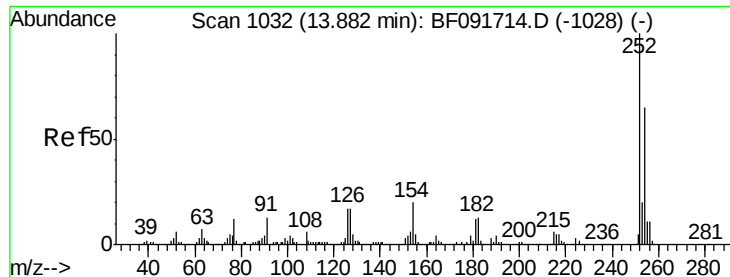


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

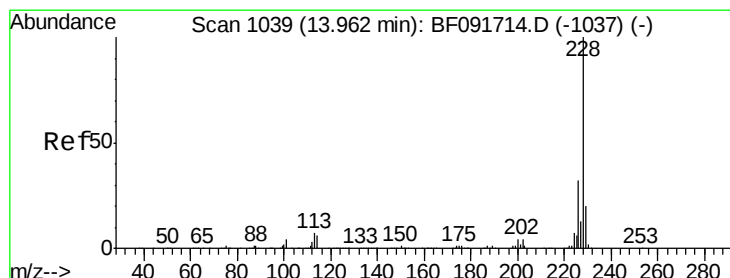
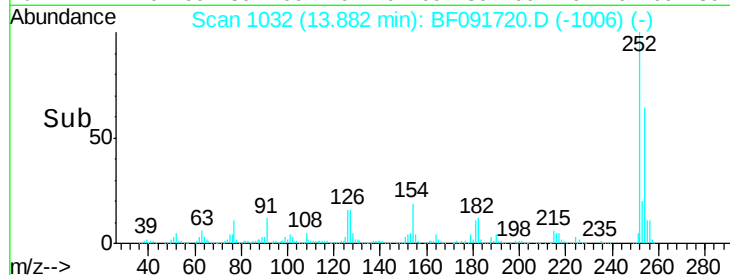
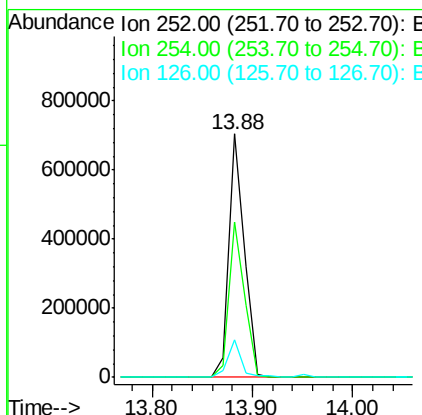
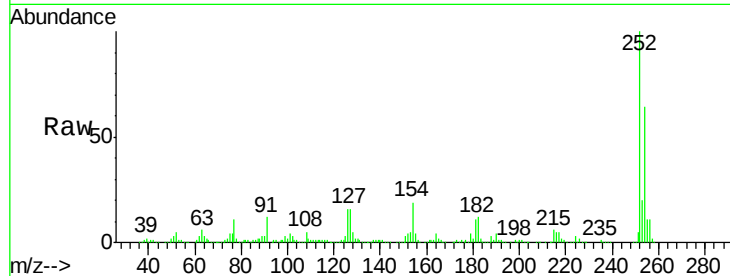




#81
 3,3'-Dichlorobenzidine
 Concen: 40.64 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

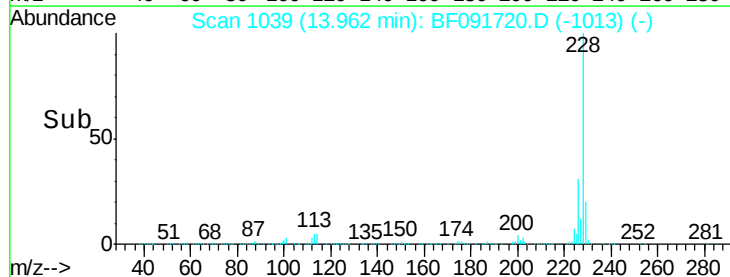
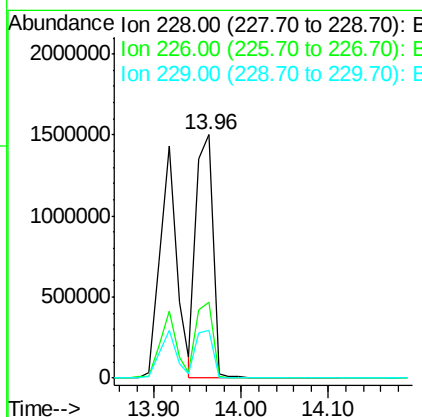
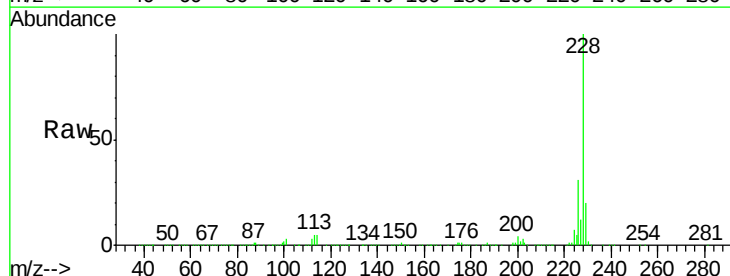
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

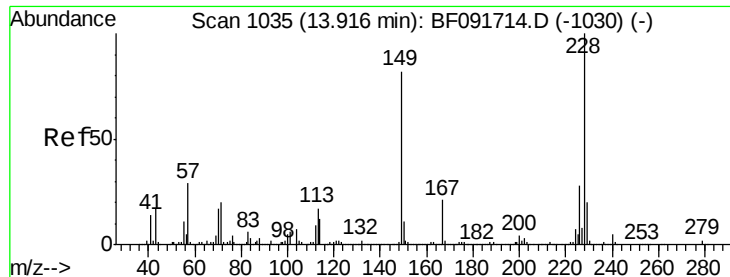
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.3	78.5
126	15.6	13.6	20.4



#82
 Chrysene
 Concen: 41.46 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	19.9	16.2	24.2

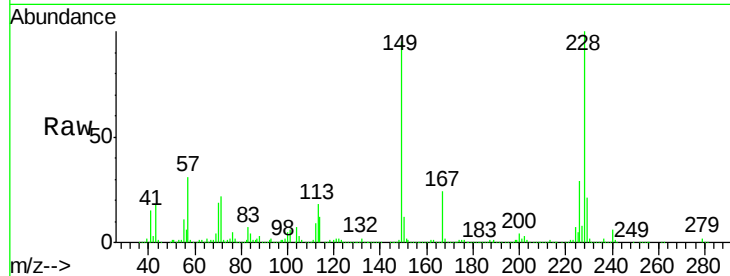




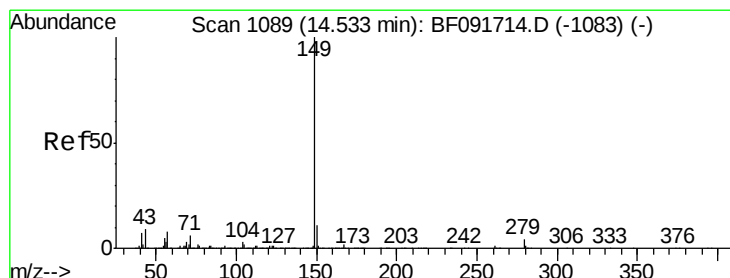
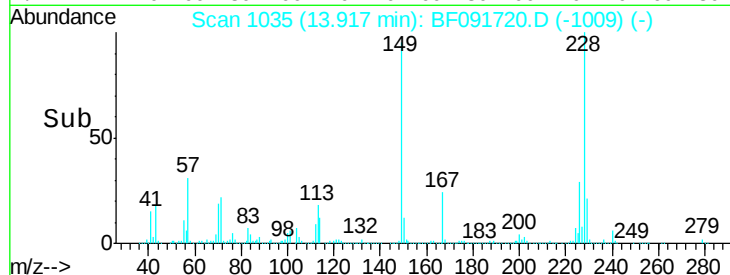
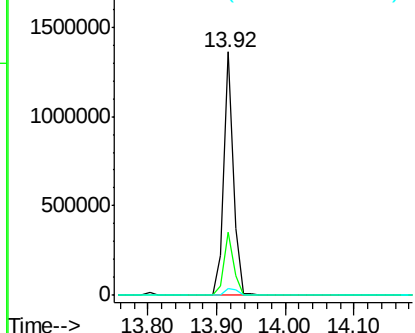
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.93 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 1357532
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.4
 279 2.6 1.8 2.8

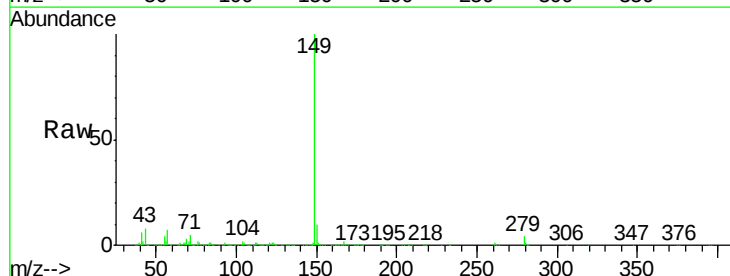


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

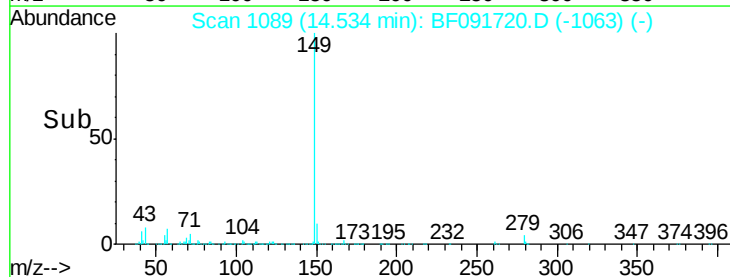
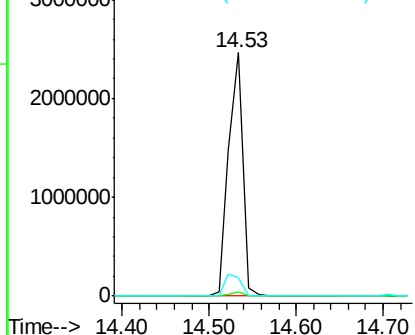


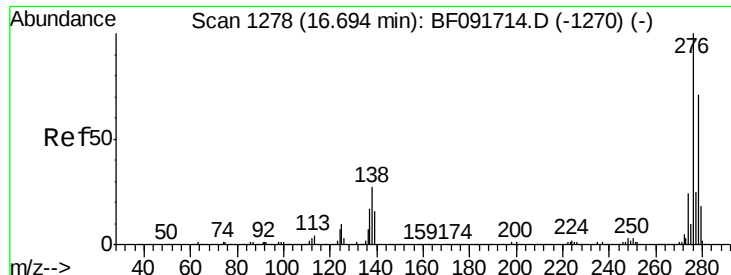
#84
 Di-n-octyl phthalate
 Concen: 43.51 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Tgt Ion:149 Resp: 2795870
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.6 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

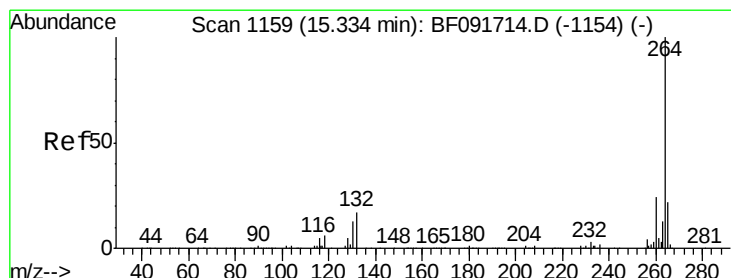
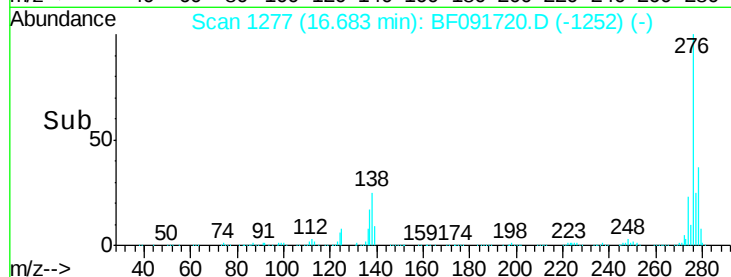
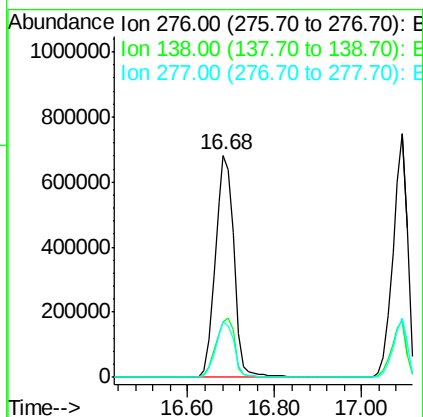
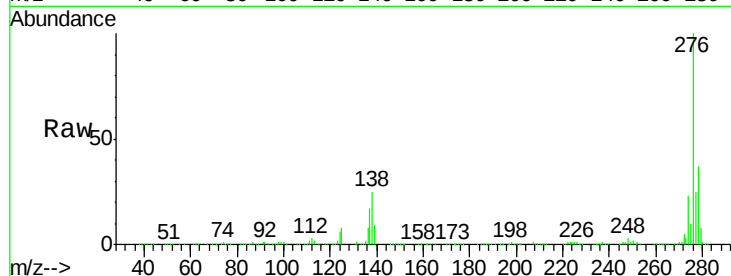




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.52 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

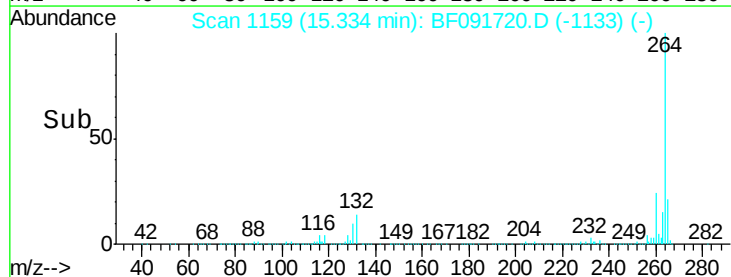
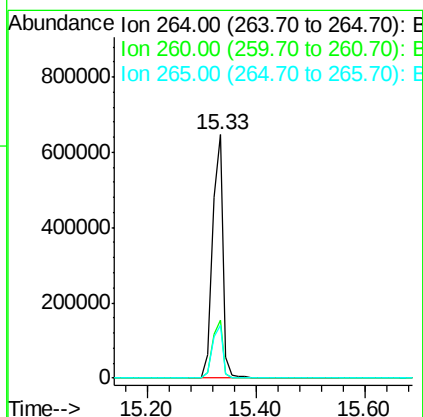
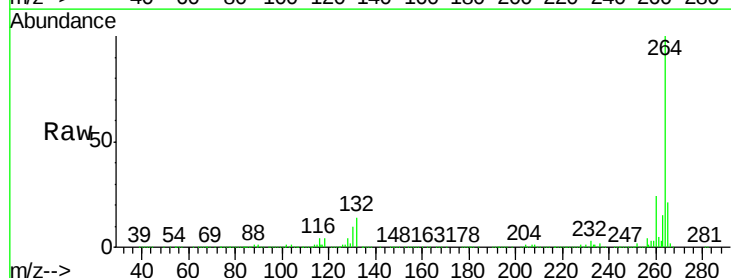
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

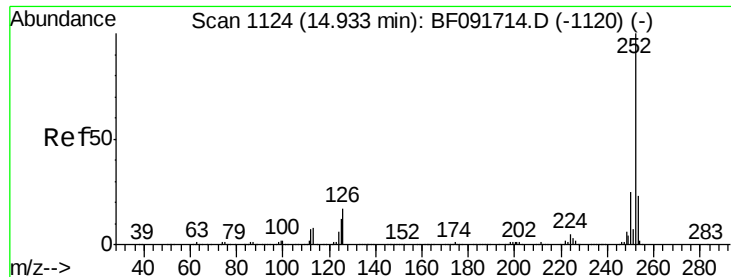
Tgt Ion: 276 Resp: 2063282
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.8 32.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF091720.D
 Acq: 17 Dec 2016 23:48

Tgt Ion: 264 Resp: 876063
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 17.4 26.0

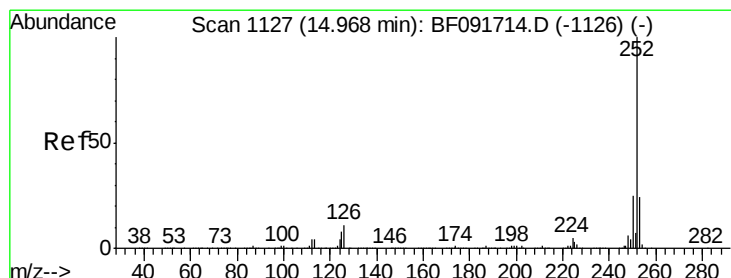
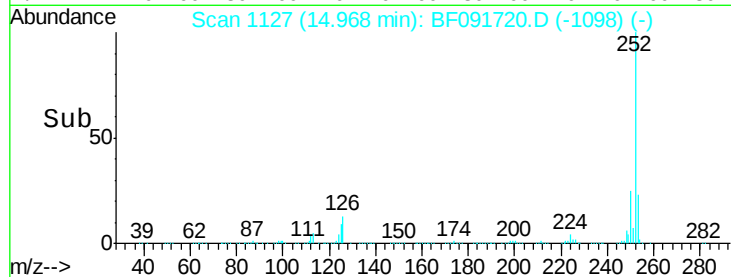
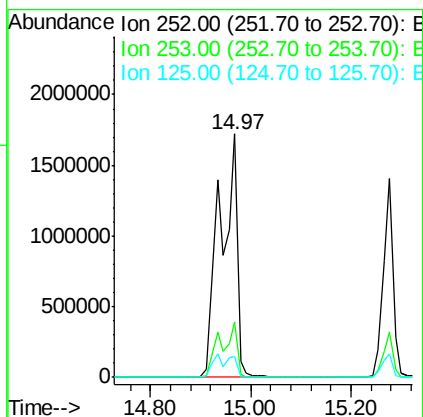
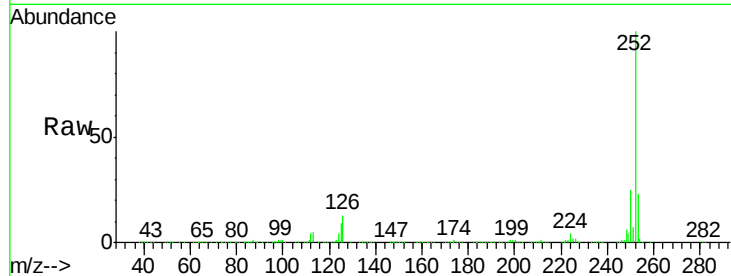




#87
Benzo(b)fluoranthene
Concen: 73.26 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.03 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

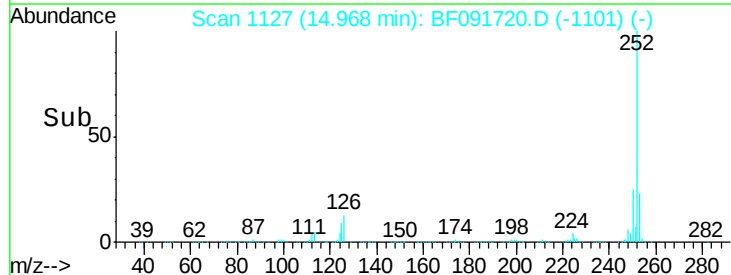
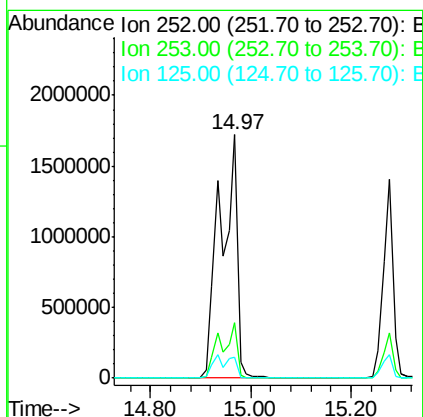
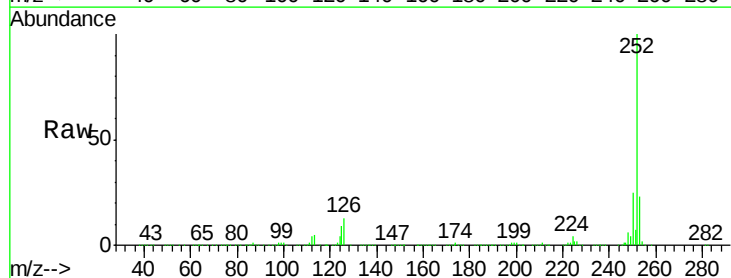
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

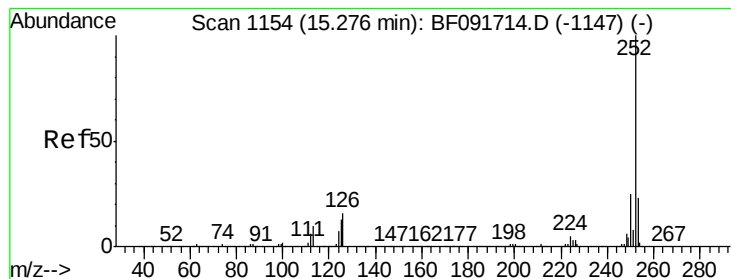
Tgt Ion:252 Resp: 4069670
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 8.8 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 104.41 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091720.D
Acq: 17 Dec 2016 23:48

Tgt Ion:252 Resp: 4069670
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 8.8 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 40.35 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

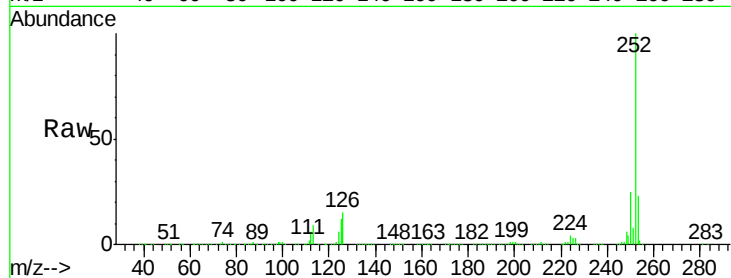
Tgt Ion:252 Resp: 1923895

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

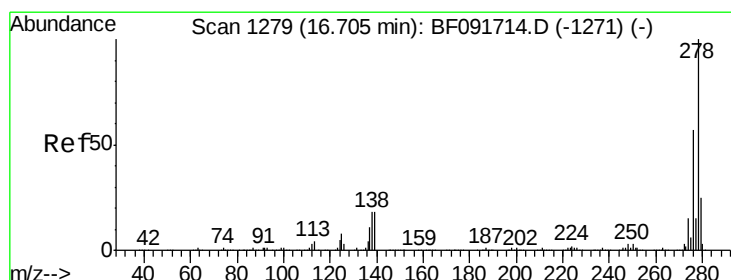
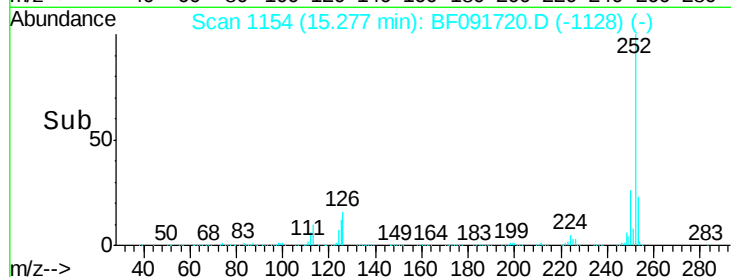
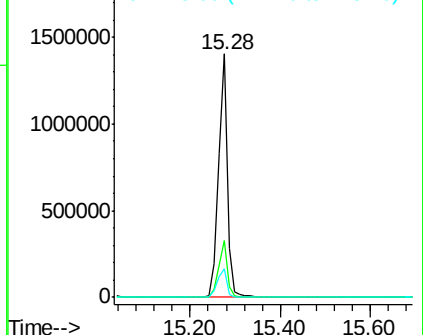
125 12.0 10.0 15.0



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: 40.97 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

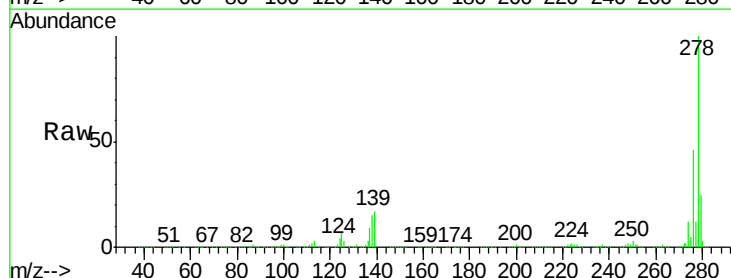
Tgt Ion:278 Resp: 1702619

Ion Ratio Lower Upper

278 100

139 17.3 14.8 22.2

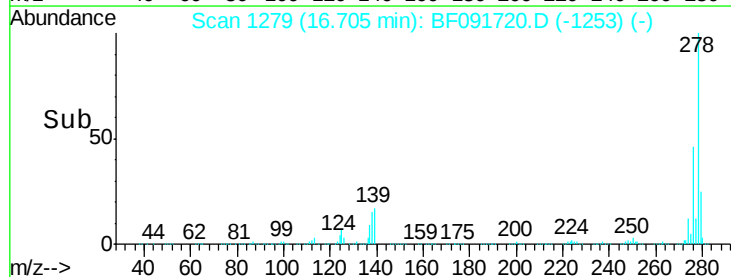
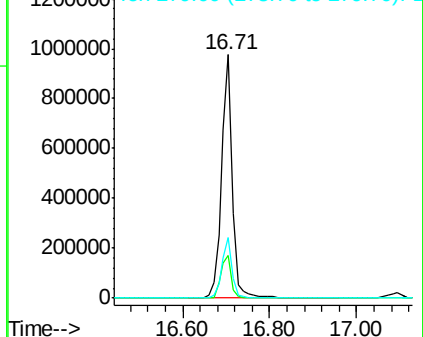
279 24.7 19.8 29.6

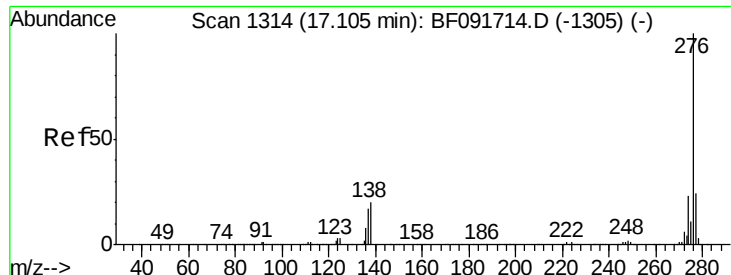


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.96 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF091720.D

Acq: 17 Dec 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

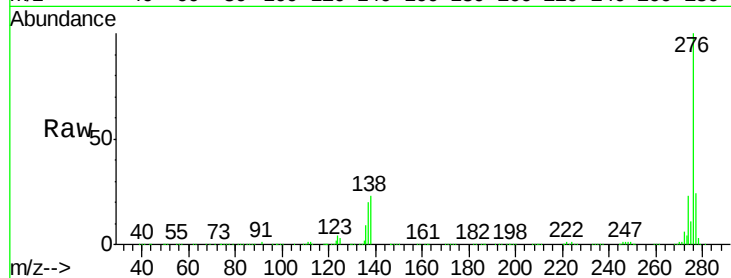
Tgt Ion:276 Resp: 1772342

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 23.4 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

