

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096251.D
 Acq On : 28 Jun 2017 16:01
 Operator : SJ/MA
 Sample : I3880-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 01:33:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	167746	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	687125	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	265709	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	415863	20.00	ng	0.00
75) Chrysene-d12	13.93	240	365547	20.00	ng	0.01
86) Perylene-d12	15.35	264	375015	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	472460	40.58	ng	0.00
7) Phenol-d6	6.40	99	717963	50.92	ng	0.01
23) Nitrobenzene-d5	7.34	82	394780	39.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	189880	90.80	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	798867	55.06	ng	-0.01
78) Terphenyl-d14	12.88	244	677143	46.22	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	46915	8.45	ng	# 81
3) Pyridine	3.22	79	122591	8.05	ng	# 76
4) n-Nitrosodimethylamine	3.12	42	91696	12.17	ng	# 90
6) Aniline	6.44	93	261854	13.47	ng	98
8) 2-Chlorophenol	6.56	128	187787	16.44	ng	93
9) Benzaldehyde	6.32	77	79984	6.50	ng	93
10) Phenol	6.42	94	290734	18.76	ng	87
11) bis(2-Chloroethyl)ether	6.51	93	176529	13.92	ng	91
12) 1,3-Dichlorobenzene	6.72	146	152447	12.11	ng	96
13) 1,4-Dichlorobenzene	6.80	146	152019	12.03	ng	96
14) 1,2-Dichlorobenzene	6.95	146	152705	13.26	ng	98
15) Benzyl Alcohol	6.92	79	190933	20.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	378322	14.12	ng	91
17) 2-Methylphenol	7.03	107	172424	17.40	ng	96
18) Hexachloroethane	7.30	117	51546	11.31	ng	# 80
19) n-Nitroso-di-n-propylamine	7.19	70	161188	19.08	ng	# 82
20) 3+4-Methylphenols	7.18	107	231927	20.52	ng	92
22) Acetophenone	7.19	105	279314	19.56	ng	# 95
24) Nitrobenzene	7.36	77	209154	19.03	ng	94
25) Isophorone	7.60	82	464440	20.60	ng	99
26) 2-Nitrophenol	7.67	139	102064	23.69	ng	# 83
27) 2,4-Dimethylphenol	7.72	122	214687	21.08	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	297426	19.48	ng	96
29) 2,4-Dichlorophenol	7.92	162	187883	21.63	ng	93
30) 1,2,4-Trichlorobenzene	8.00	180	139748	16.21	ng	97
31) Naphthalene	8.09	128	592321	17.89	ng	99
32) Benzoic acid	7.79	122	82761	18.17	ng	94
33) 4-Chloroaniline	8.13	127	248570	18.13	ng	97
34) Hexachlorobutadiene	8.21	225	63975	14.96	ng	97
35) Caprolactam	8.47	113	68234	22.73	ng	# 62
36) 4-Chloro-3-methylphenol	8.60	107	214524	22.70	ng	88
37) 2-Methylnaphthalene	8.77	142	434656	20.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	145904	22.68	ng	98
40) Hexachlorocyclopentadiene	8.93	237	69995	24.28	ng	95

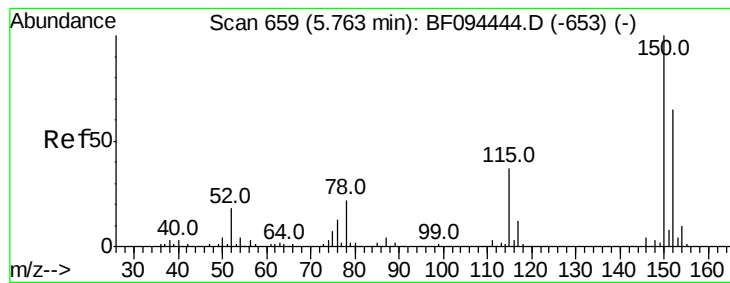
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	122390	25.24	nq	100
43) 2,4,5-Trichlorophenol	9.09	196	127617	24.97	nq	97
45) 1,1'-Biphenyl	9.24	154	514830	25.25	nq	95
46) 2-Chloronaphthalene	9.26	162	390992	23.12	nq	94
47) 2-Nitroaniline	9.35	65	151610	28.38	nq	91
48) Acenaphthylene	9.67	152	633113	22.56	nq	96
49) Dimethylphthalate	9.53	163	645596	33.95	nq	99
50) 2,6-Dinitrotoluene	9.59	165	100726	25.47	nq	# 80
51) Acenaphthene	9.85	154	381503	23.10	nq	98
52) 3-Nitroaniline	9.76	138	119450	23.58	nq	97
53) 2,4-Dinitrophenol	9.86	184	32069	29.68	nq	# 74
54) Dibenzofuran	10.02	168	553759	25.68	nq	98
55) 4-Nitrophenol	9.92	139	196012	47.86	nq	# 72
56) 2,4-Dinitrotoluene	9.99	165	128503	25.78	nq	# 76
57) Fluorene	10.36	166	399016	23.34	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	95216	26.67	nq	99
59) Diethylphthalate	10.24	149	483393	25.32	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	166108	23.60	nq	94
61) 4-Nitroaniline	10.36	138	106264	24.11	nq	88
62) Azobenzene	10.52	77	488289	25.36	nq	96
64) 4,6-Dinitro-2-methylphenol	10.40	198	27170	18.93	nq	91
65) n-Nitrosodiphenylamine	10.47	169	374480	25.04	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	107997	25.24	nq	94
67) Hexachlorobenzene	10.91	284	113419	25.78	nq	# 87
68) Atrazine	10.99	200	103710	26.28	nq	95
69) Pentachlorophenol	11.10	266	132253	52.67	nq	96
70) Phenanthrene	11.32	178	586207	24.63	nq	98
71) Anthracene	11.37	178	582232	25.05	nq	99
72) Carbazole	11.52	167	593102	23.12	nq	97
73) Di-n-butylphthalate	11.86	149	752810	27.79	nq	99
74) Fluoranthene	12.50	202	575128	24.90	nq	96
76) Benzidine	12.62	184	59713	4.36	nq	94
77) Pyrene	12.73	202	594643	19.79	nq	99
79) Butylbenzylphthalate	13.36	149	314125	22.82	nq	# 83
80) Benzo(a)anthracene	13.92	228	479072	21.50	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	170036	20.04	nq	96
82) Chrysene	13.95	228	489804	21.25	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	396019	26.47	nq	# 99
84) Di-n-octyl phthalate	14.53	149	794277	25.77	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.74	276	486886	25.45	nq	98
87) Benzo(b)fluoranthene	14.97	252	491070	19.93	nq	97
88) Benzo(k)fluoranthene	14.97	252	491070	21.83	nq	96
89) Benzo(a)pyrene	15.29	252	477577	21.95	nq	97
90) Dibenzo(a,h)anthracene	16.76	278	410037	24.07	nq	97
91) Benzo(g,h,i)perylene	17.17	276	393641	22.23	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

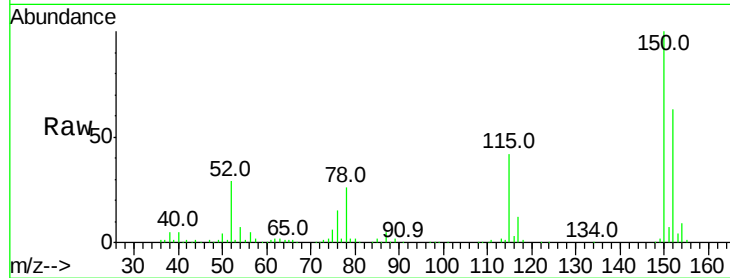
Tot Ion:152 Resp: 167746

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

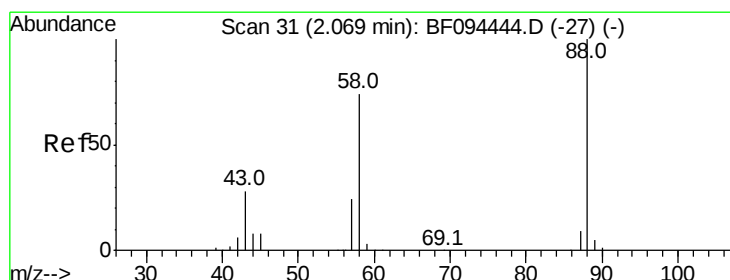
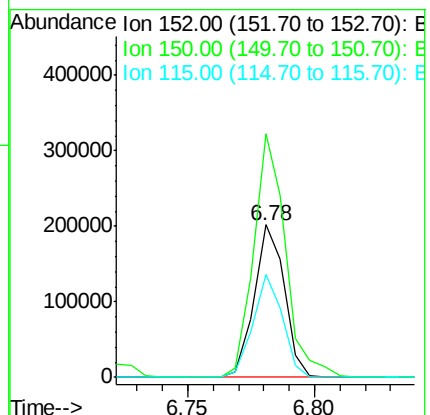
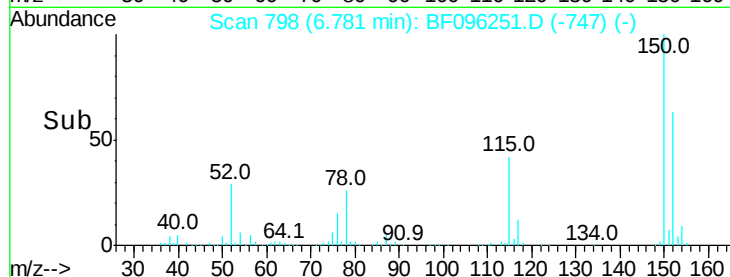
115 67.5 52.2 78.2



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: 8.45 ng

RT: 2.48 min Scan# 67

Delta R.T. -0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

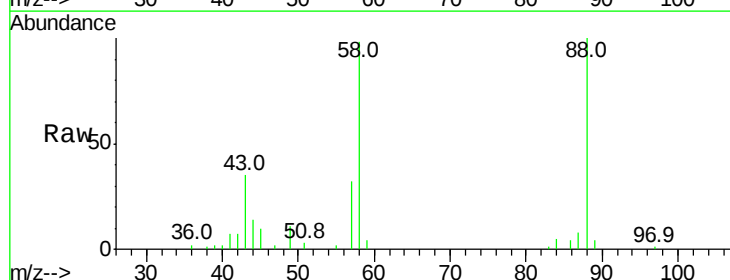
Tgt Ion: 88 Resp: 46915

Ion Ratio Lower Upper

88 100

58 96.5 61.4 92.0#

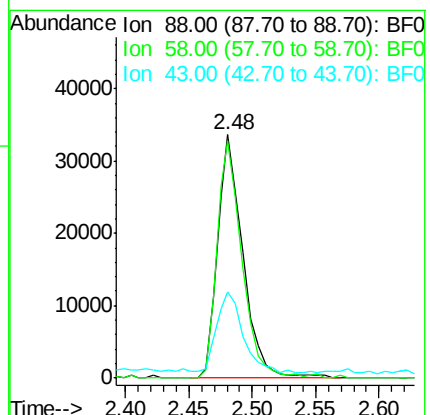
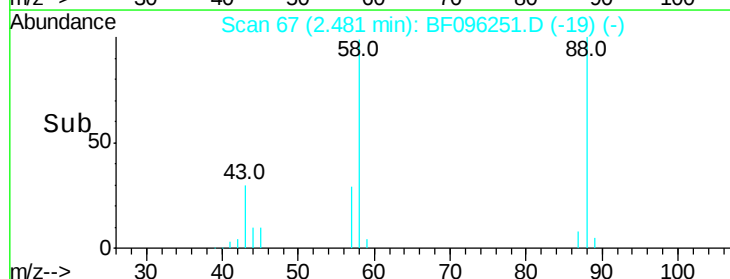
43 34.5 23.4 35.0

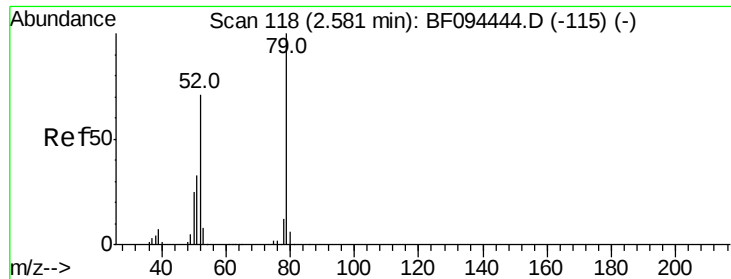


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 8.05 ng

RT: 3.22 min Scan# 192

Delta R.T. -0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

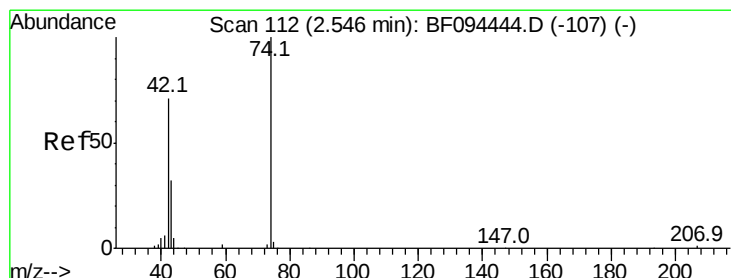
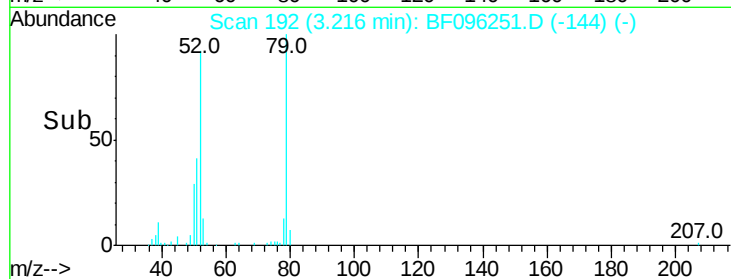
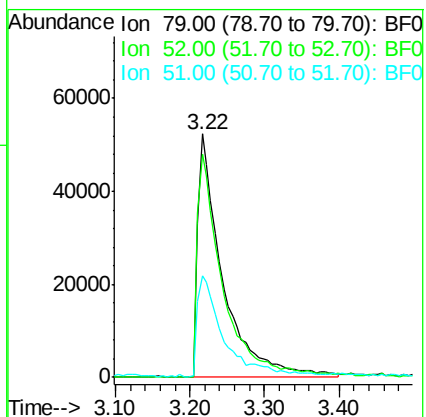
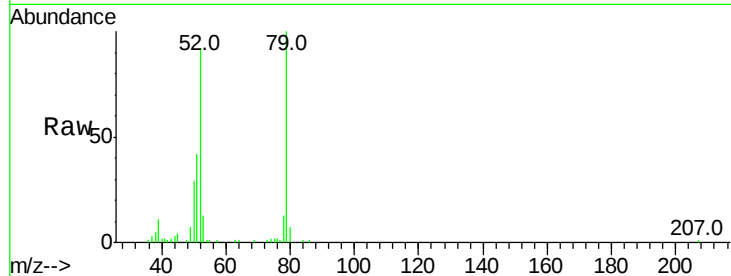
Tot Ion: 79 Resp: 122591

Ion Ratio Lower Upper

79 100

52 91.6 54.8 82.2#

51 41.9 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 12.17 ng

RT: 3.12 min Scan# 176

Delta R.T. -0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

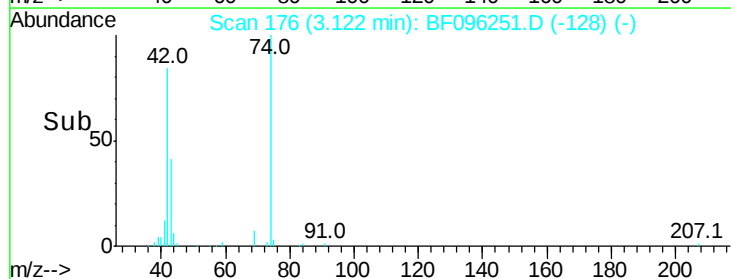
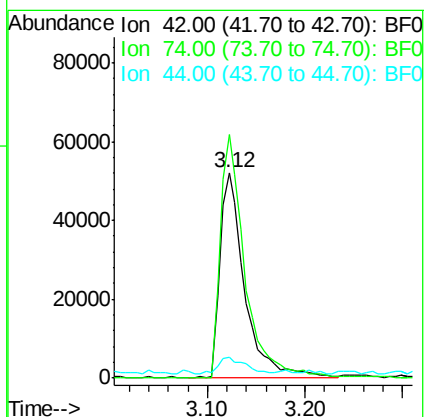
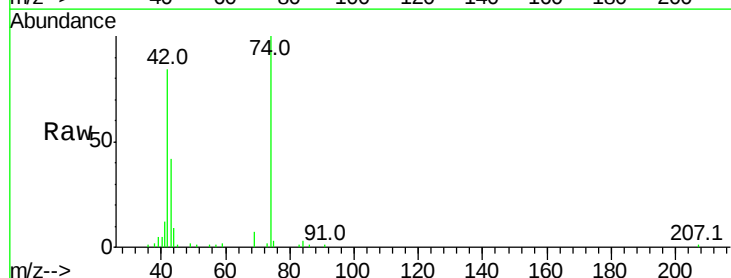
Tgt Ion: 42 Resp: 91696

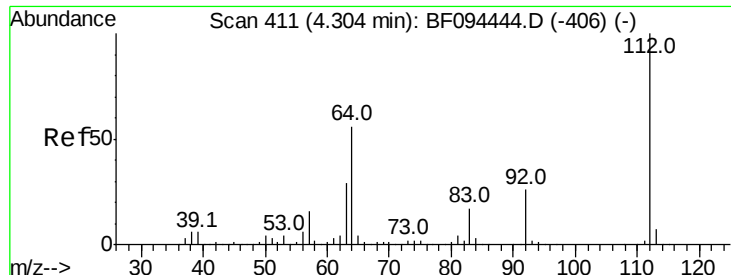
Ion Ratio Lower Upper

42 100

74 118.5 103.9 155.9

44 10.1 5.7 8.5#





#5

2-Fluorophenol

Concen: 40.58 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampled :

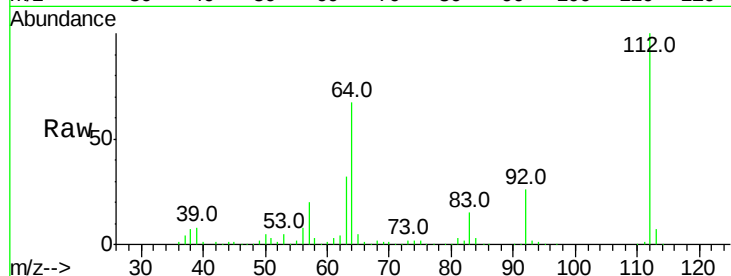
Tot Ion:112 Resp: 472460

Ion Ratio Lower Upper

112 100

64 66.9 46.0 69.0

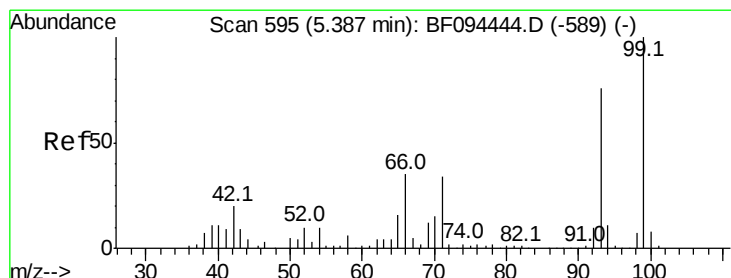
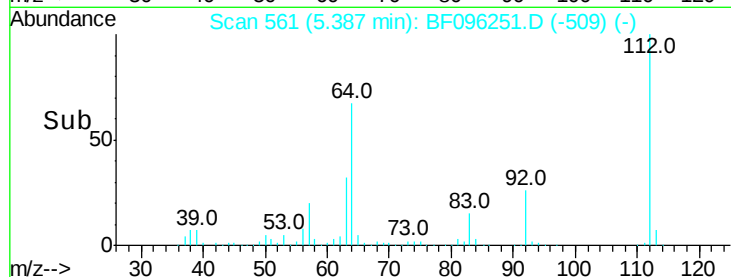
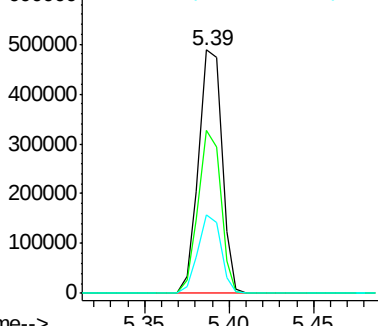
63 32.0 23.4 35.0



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: 13.47 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

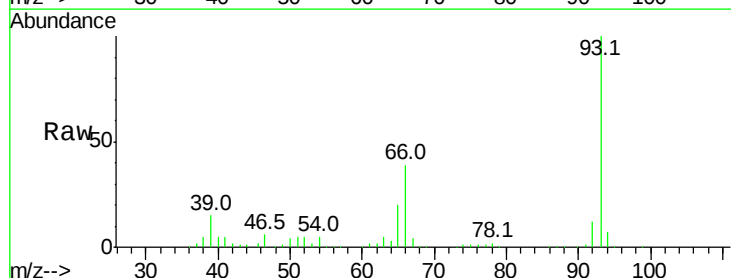
Tgt Ion: 93 Resp: 261854

Ion Ratio Lower Upper

93 100

66 39.4 32.9 49.3

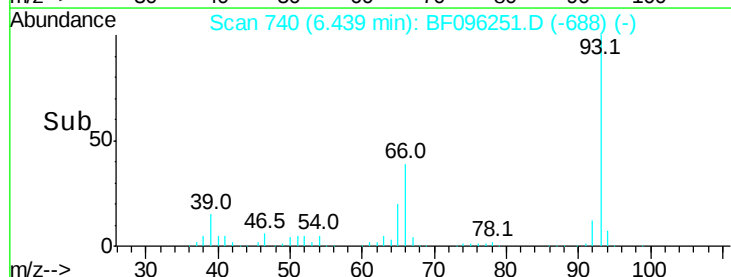
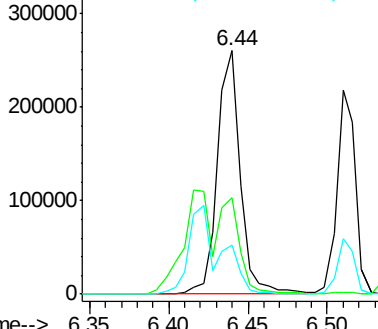
65 20.4 16.0 24.0

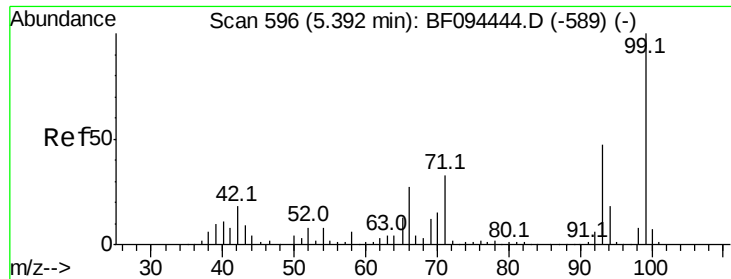


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 50.92 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

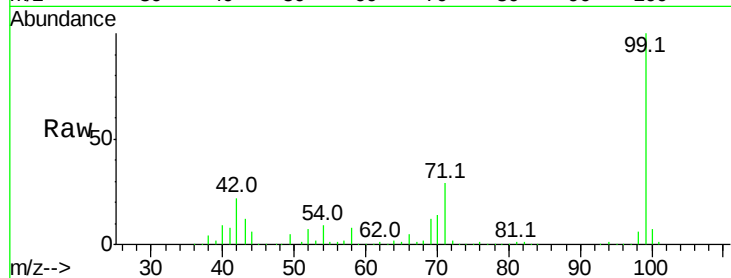
Instrument :

BNA_F

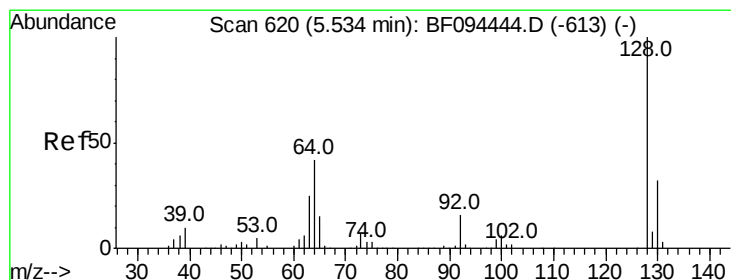
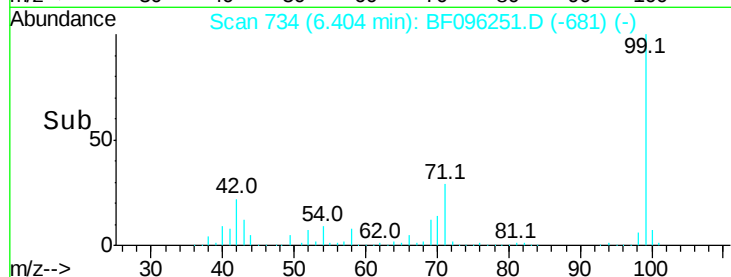
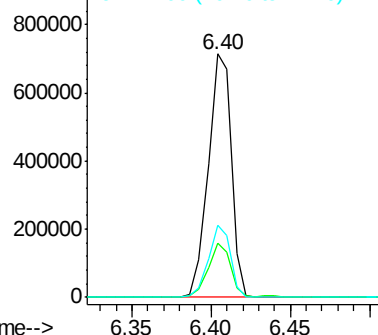
ClientSampleId :

Tot Ion: 99 Resp: 717963

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	29.5	24.5	36.7



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: 16.44 ng

RT: 6.56 min Scan# 761

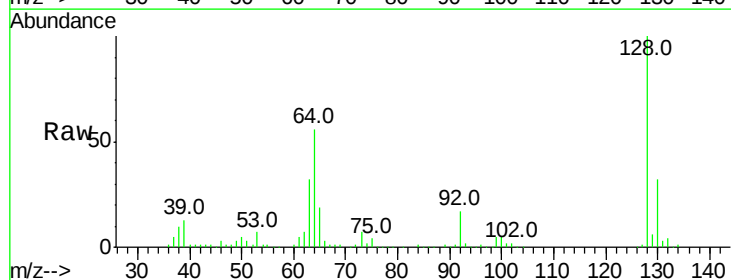
Delta R.T. 0.01 min

Lab File: BF096251.D

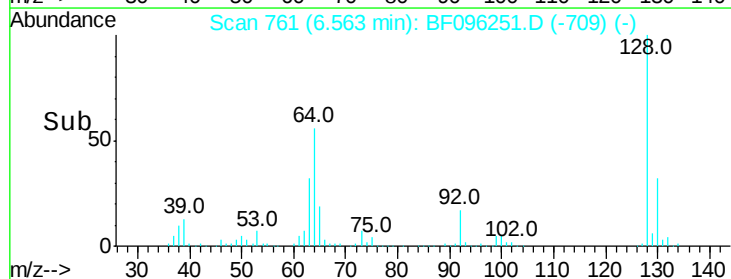
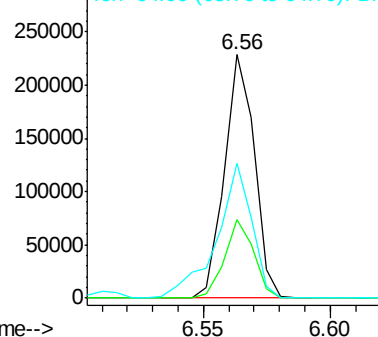
Acq: 28 Jun 2017 16:01

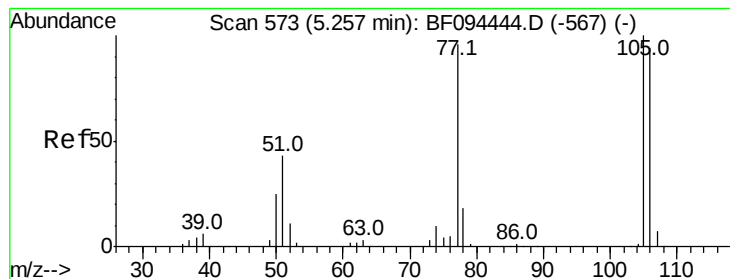
Tgt Ion: 128 Resp: 187787

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	55.6	28.4	68.4



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: 6.50 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampled :

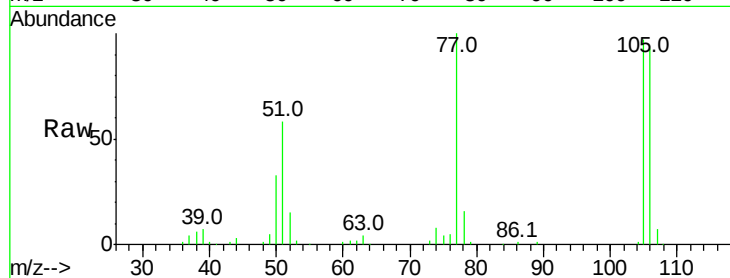
Tot Ion: 77 Resp: 79984

Ion Ratio Lower Upper

77 100

105 96.7 83.8 123.8

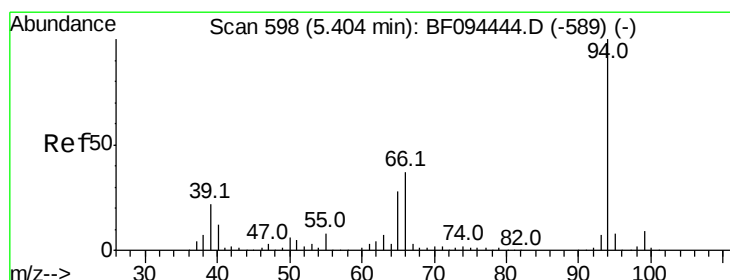
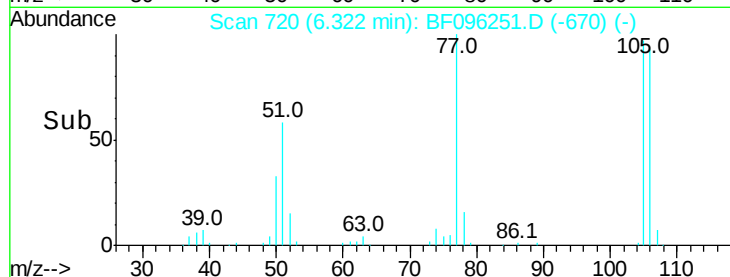
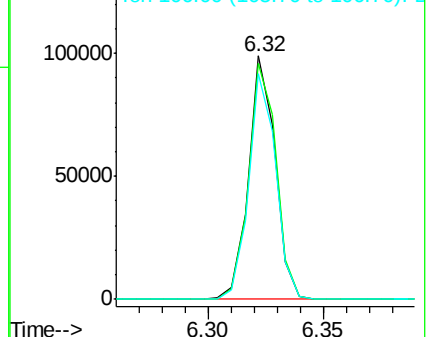
106 92.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 18.76 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

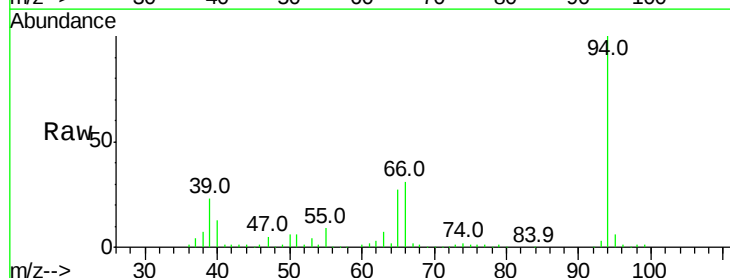
Tgt Ion: 94 Resp: 290734

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

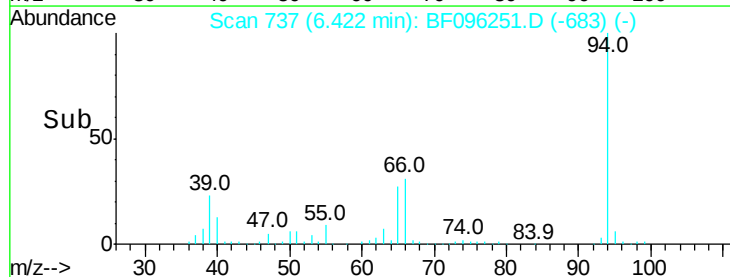
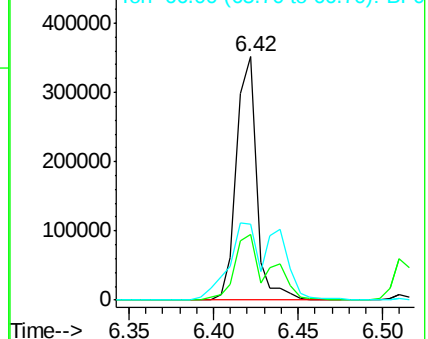
66 31.4 23.1 63.1

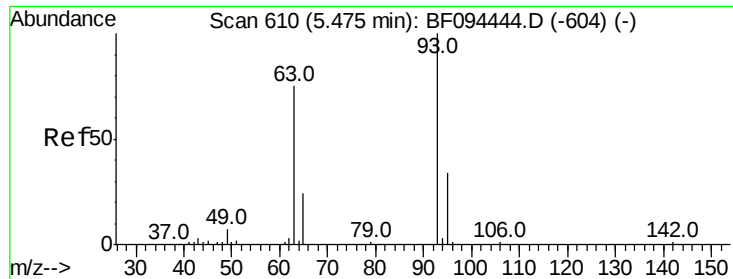


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 13.92 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

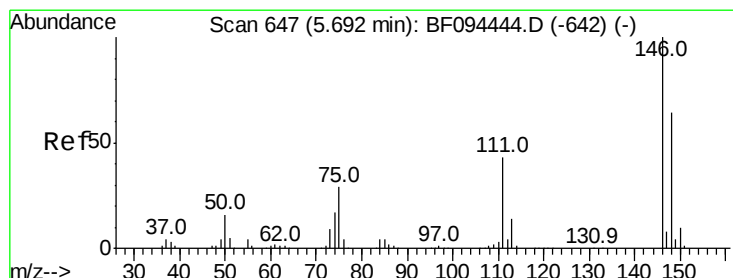
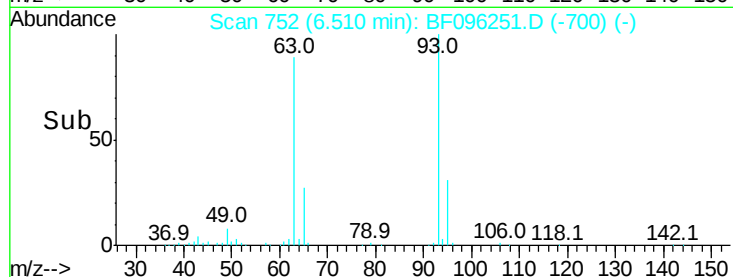
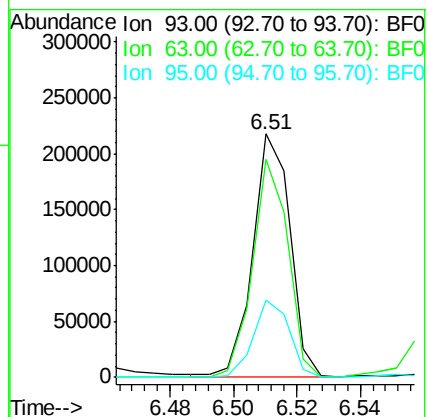
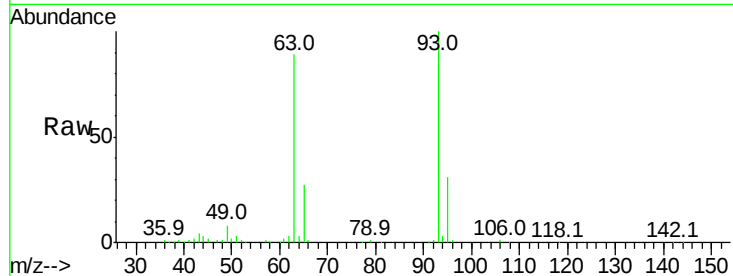
Tot Ion: 93 Resp: 176529

Ion Ratio Lower Upper

93 100

63 89.4 59.2 99.2

95 31.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 12.11 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

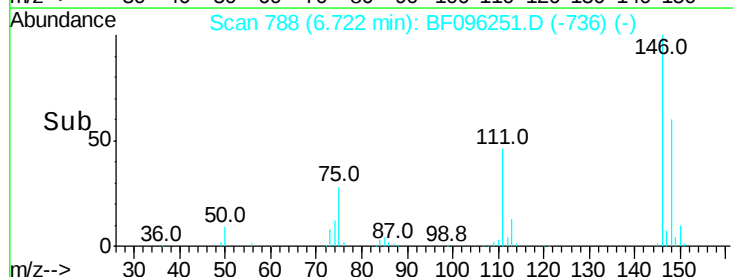
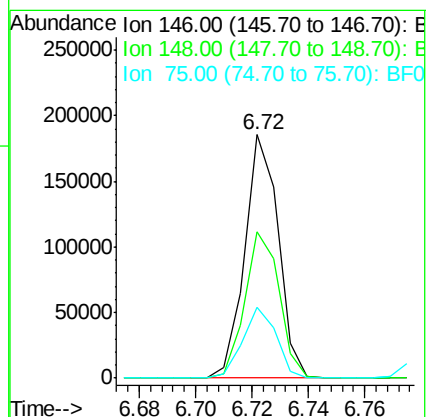
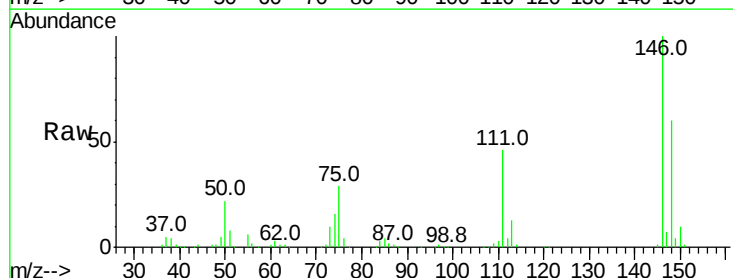
Tgt Ion: 146 Resp: 152447

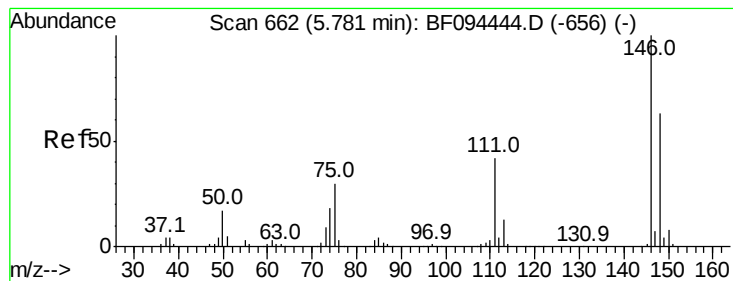
Ion Ratio Lower Upper

146 100

148 60.0 51.8 77.6

75 29.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 12.03 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampled :

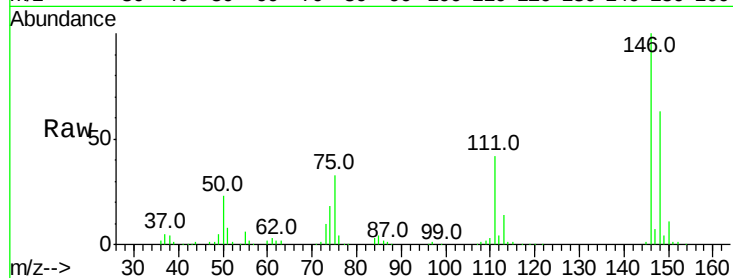
Tot Ion:146 Resp: 152019

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

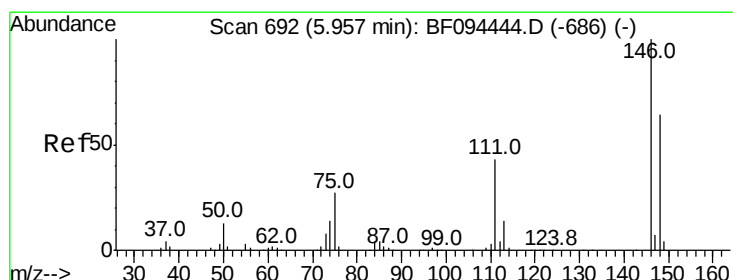
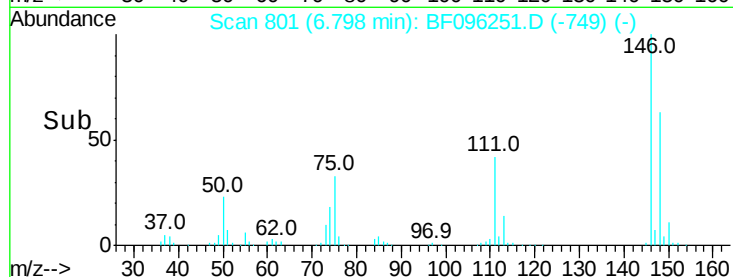
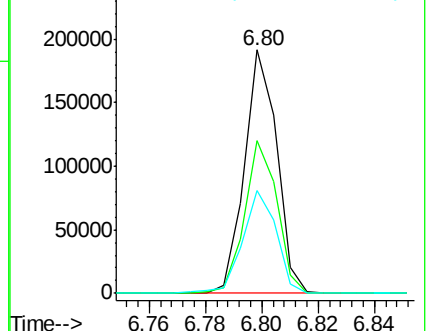
111 42.3 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.26 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

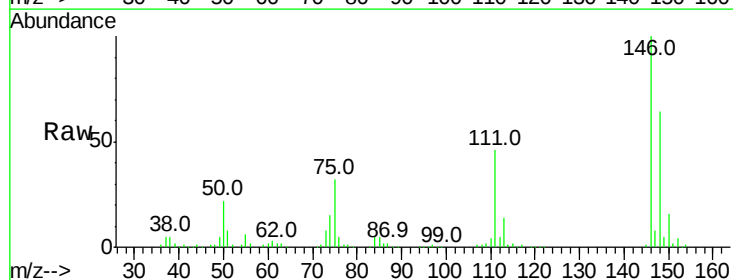
Tgt Ion:146 Resp: 152705

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

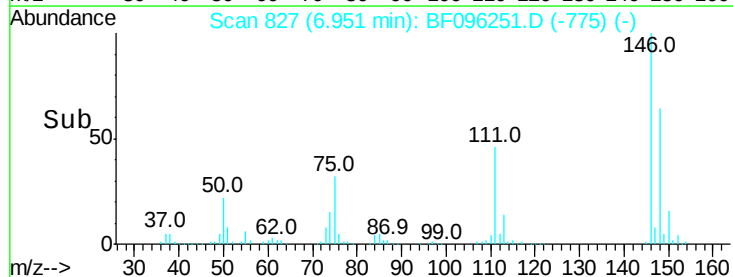
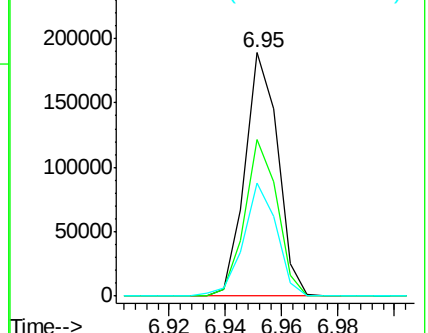
111 46.4 38.2 57.4

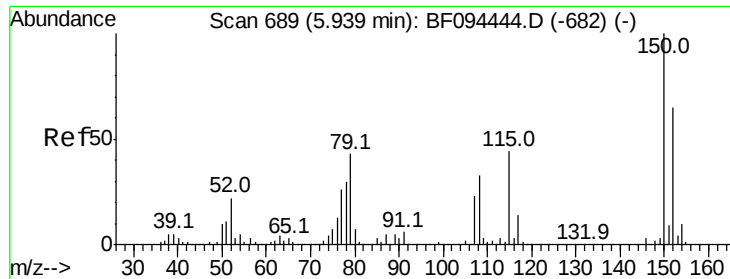


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.07 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :

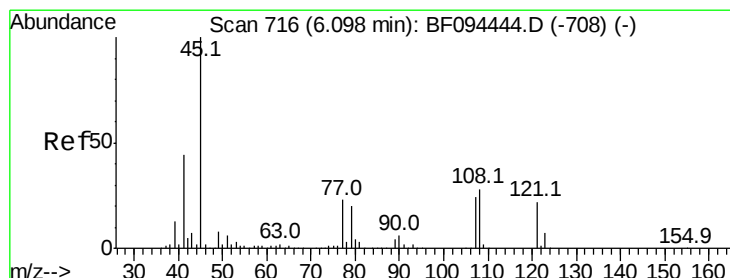
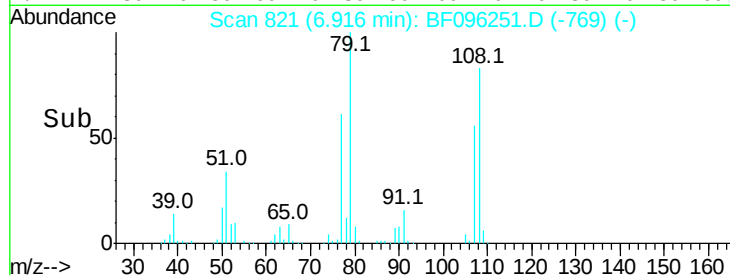
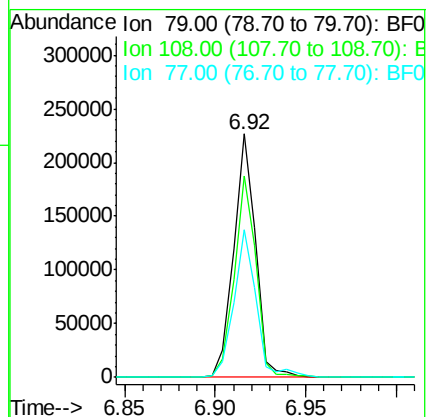
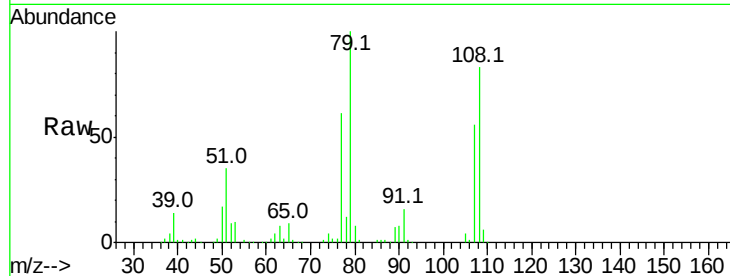
Tot Ion: 79 Resp: 190933

Ion Ratio Lower Upper

79 100

108 82.6 63.4 95.0

77 60.6 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 14.12 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

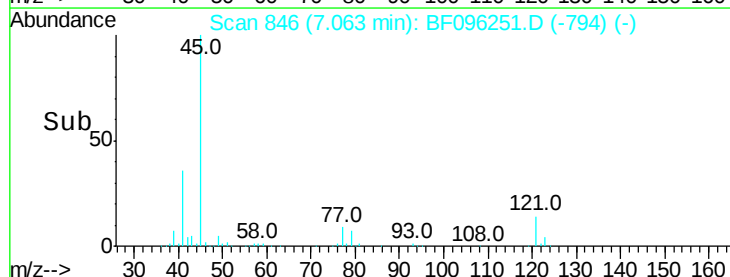
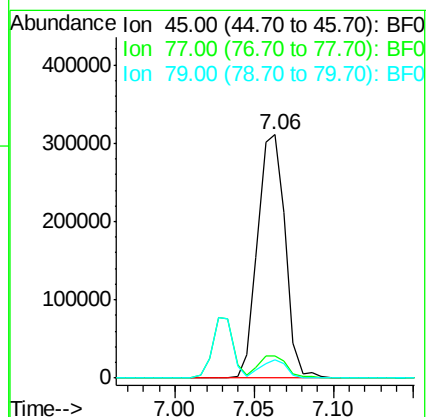
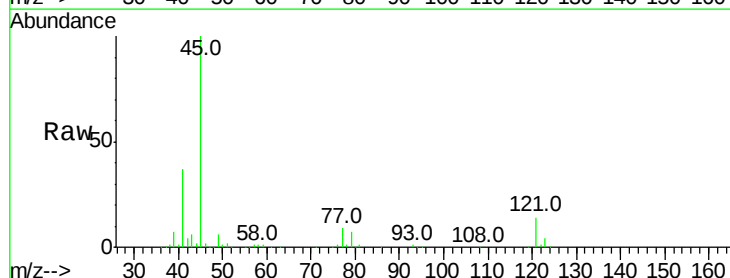
Tgt Ion: 45 Resp: 378322

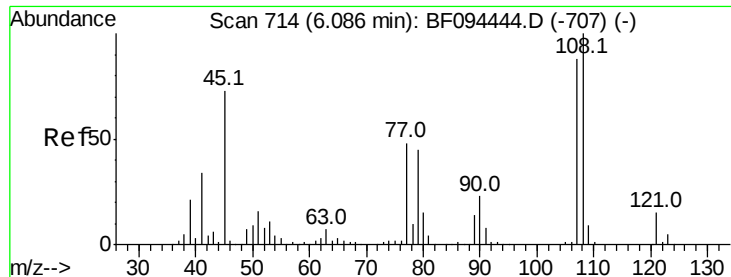
Ion Ratio Lower Upper

45 100

77 9.3 0.0 33.2

79 7.3 0.0 30.0

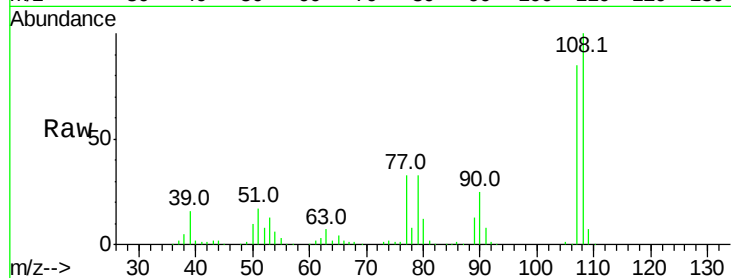




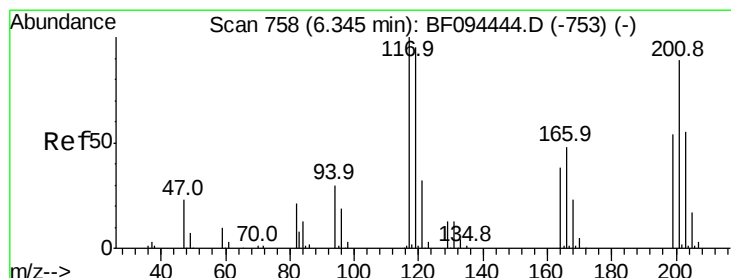
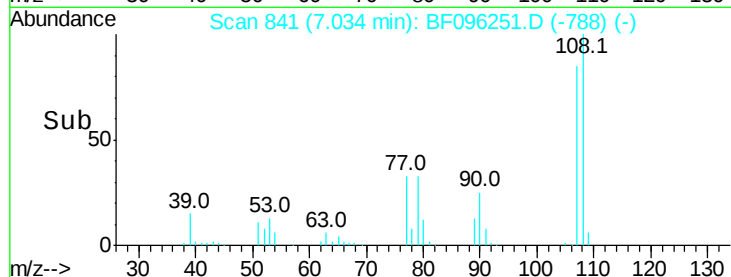
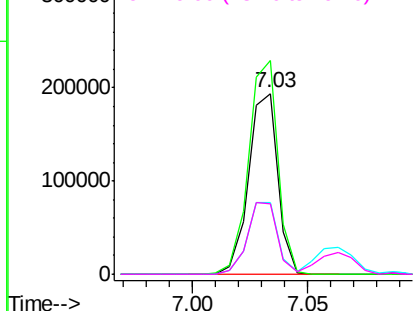
#17
2-Methylphenol
Concen: 17.40 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 172424
Ion Ratio Lower Upper
107 100
108 118.0 93.4 140.0
77 39.4 35.8 53.6
79 39.2 34.8 52.2

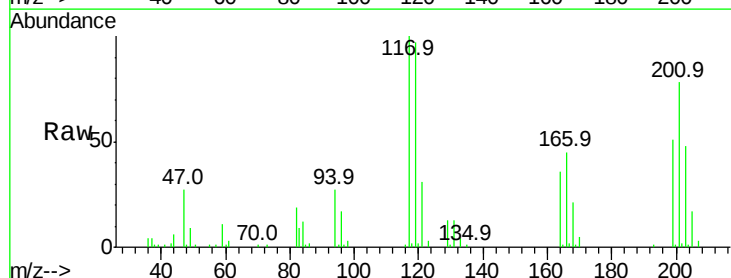


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

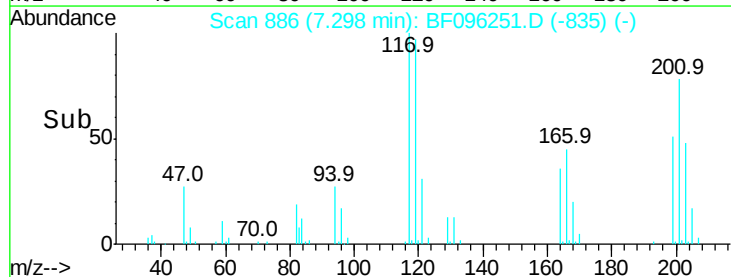
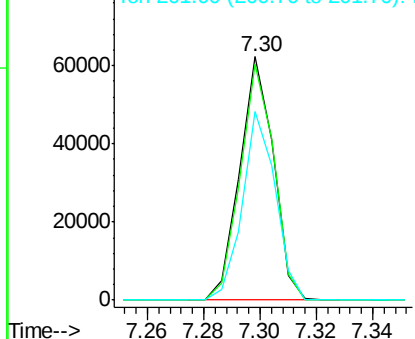


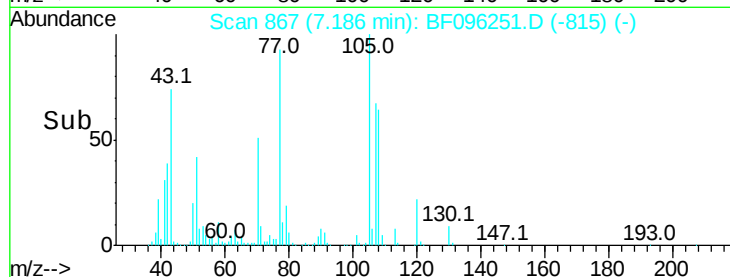
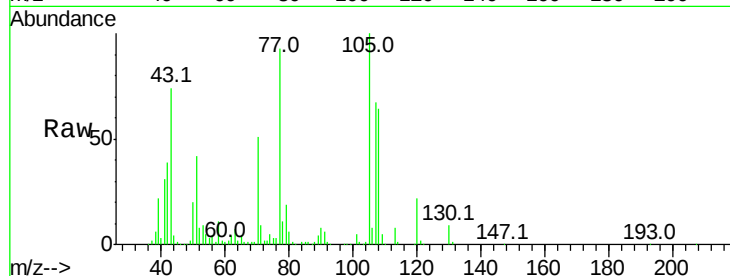
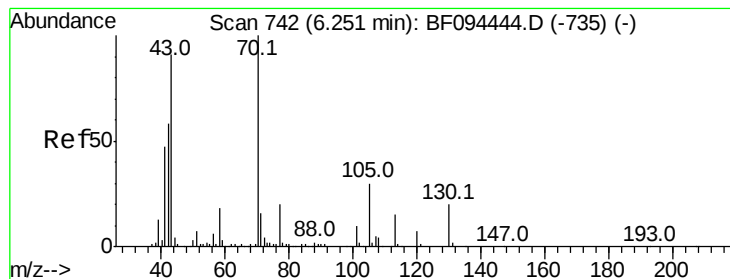
#18
Hexachloroethane
Concen: 11.31 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion:117 Resp: 51546
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
201 77.7 94.6 141.8#



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: 19.08 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 161188

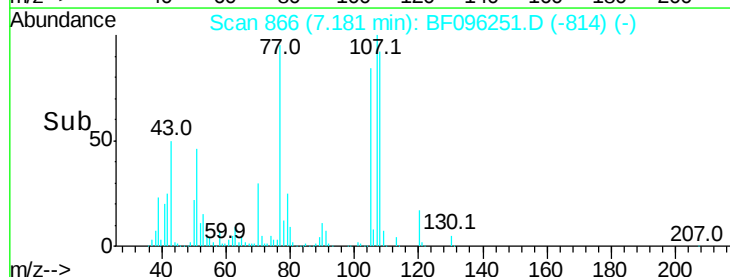
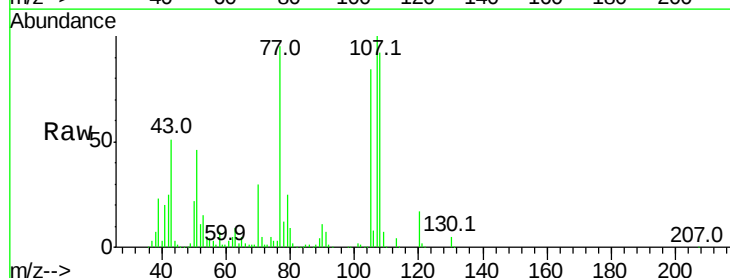
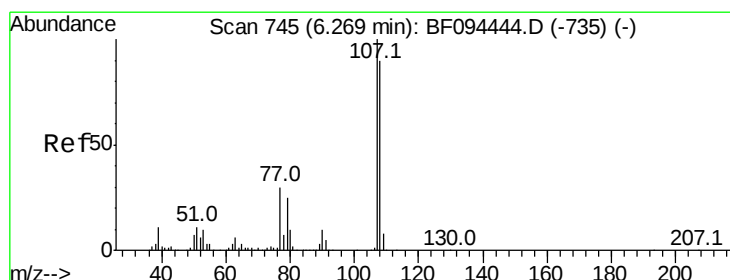
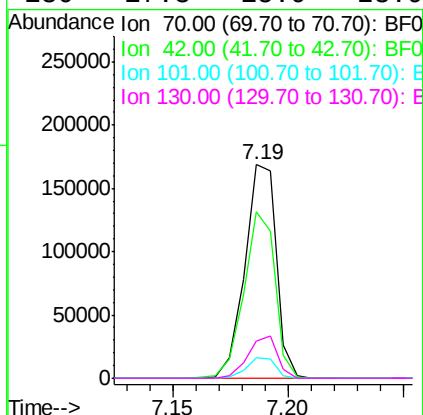
Ion Ratio Lower Upper

70 100

42 77.7 47.2 70.8#

101 9.3 7.2 10.8

130 17.3 15.9 23.9



#20

3+4-Methylphenols

Concen: 20.52 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion: 107 Resp: 231927

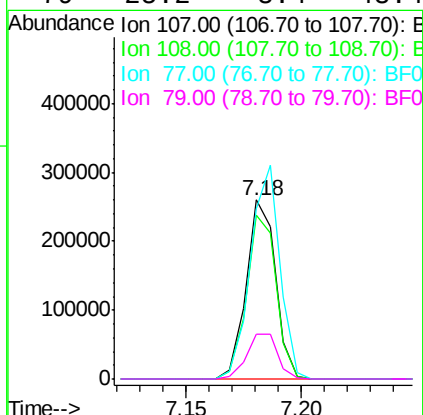
Ion Ratio Lower Upper

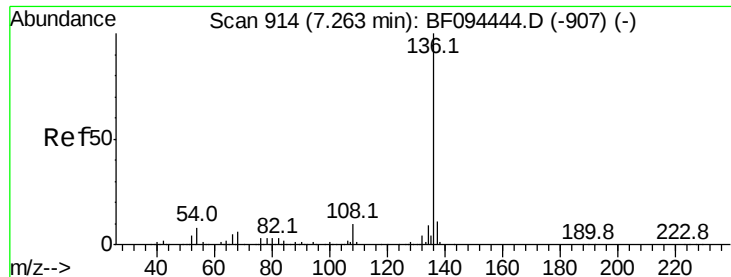
107 100

108 91.8 71.0 111.0

77 95.3 90.5 130.5

79 25.2 8.4 48.4

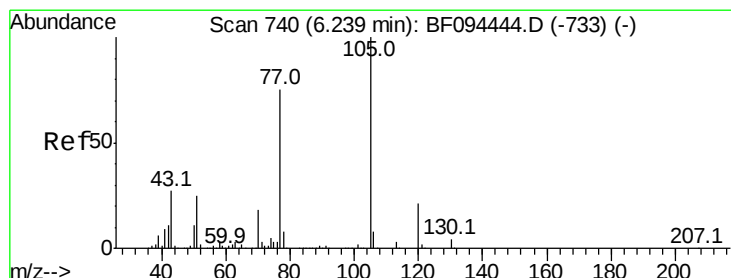
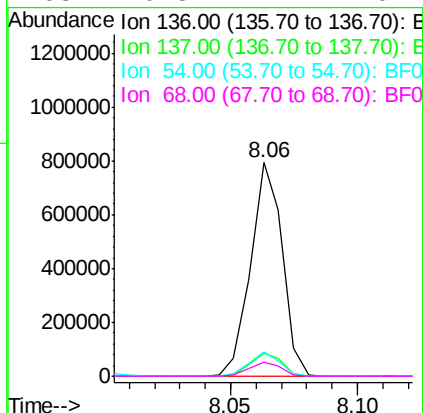
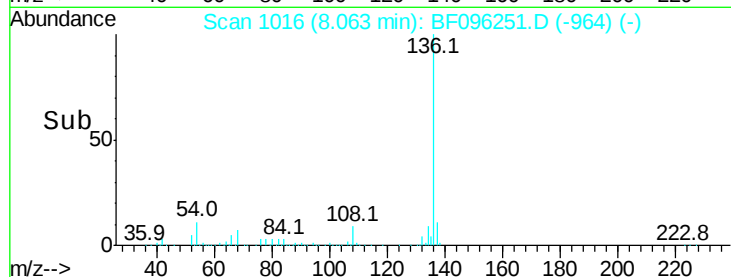
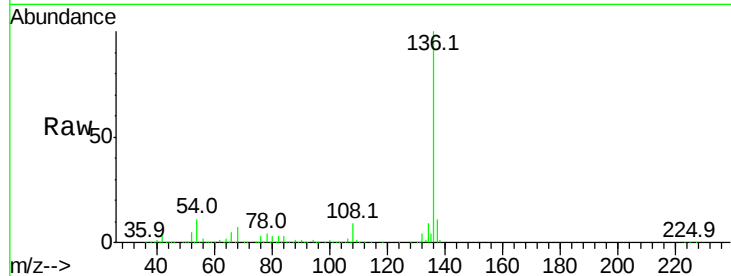




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

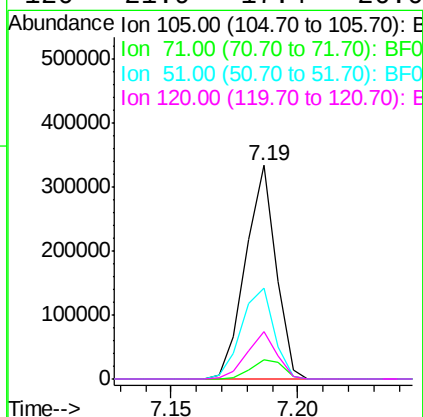
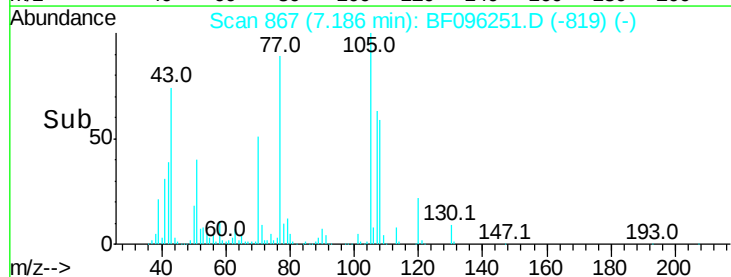
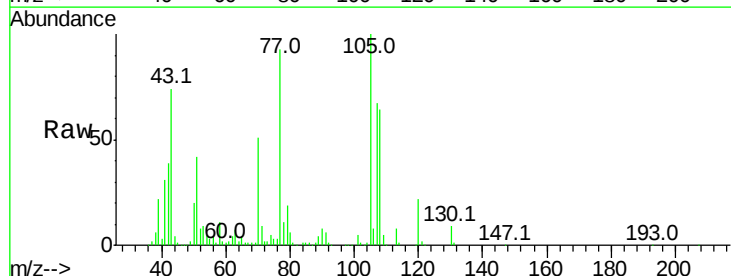
Instrument :
BNA_F
ClientSampleId :

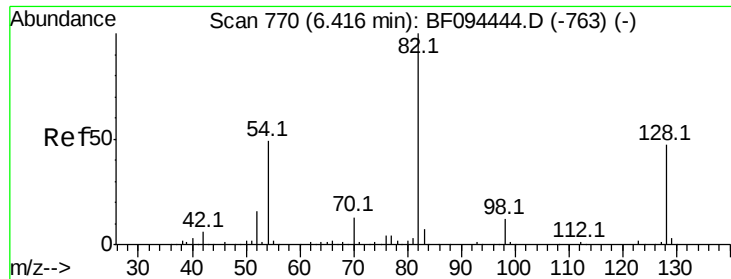
Tot Ion:136	Resp: 687125
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 11.2	4.9 7.3#
68 6.8	4.1 6.1#



#22
Acetophenone
Concen: 19.56 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt	Ion:105	Resp:	279314
Ion	Ratio	Lower	Upper
105	100		
71	8.8	2.8	4.2#
51	42.3	30.7	46.1
120	21.9	17.4	26.0

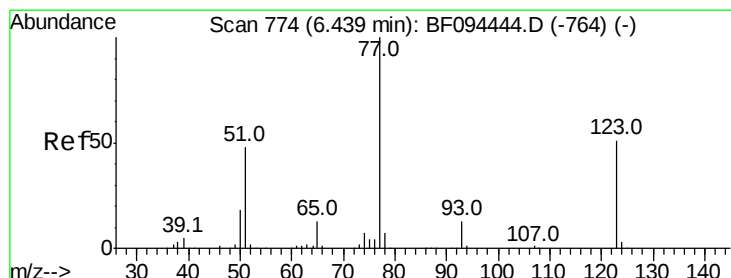
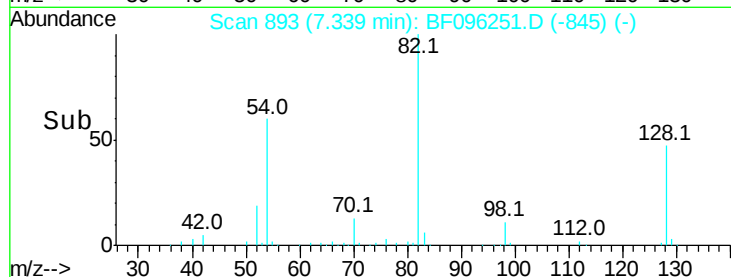
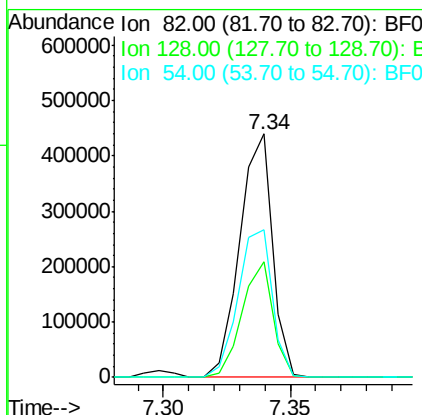
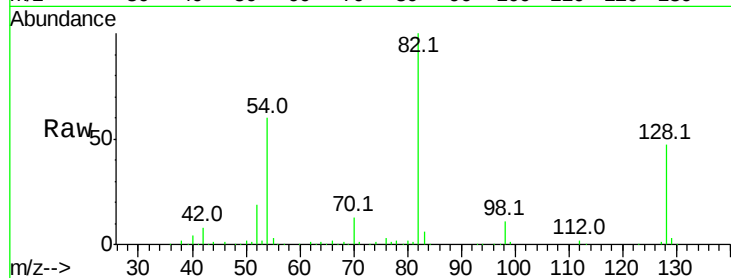




#23
 Nitrobenzene-d5
 Concen: 39.77 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

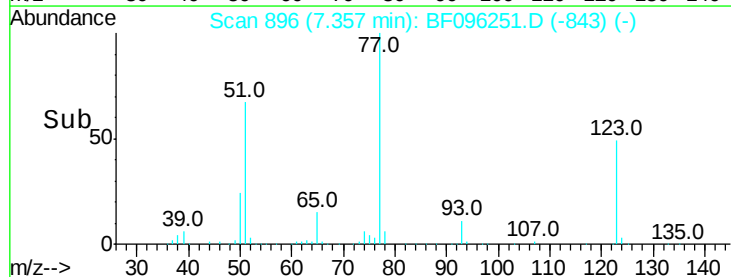
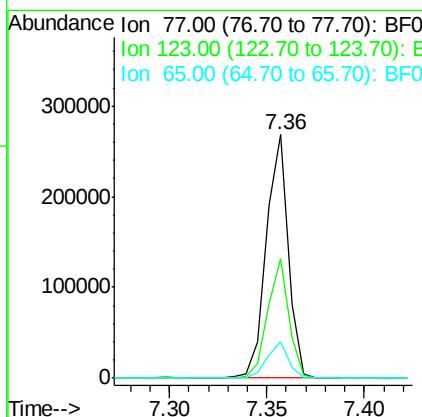
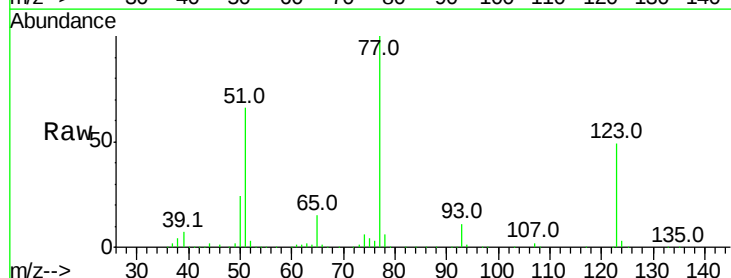
Instrument :
 BNA_F
 ClientSampled :

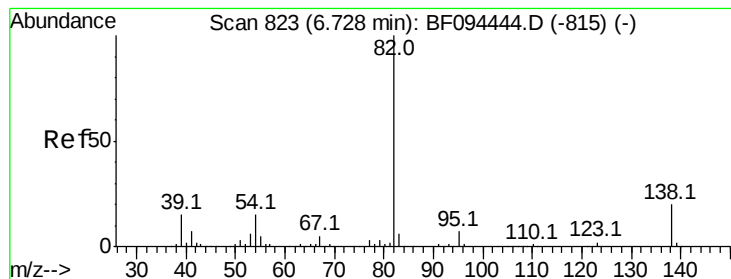
Tot Ion	82	Resp	394780
Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	60.4	42.2	63.2



#24
 Nitrobenzene
 Concen: 19.03 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	77	Resp	209154
Ion	Ratio	Lower	Upper
77	100		
123	49.1	35.8	53.8
65	15.1	10.6	15.8





#25

Isophorone

Concen: 20.60 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

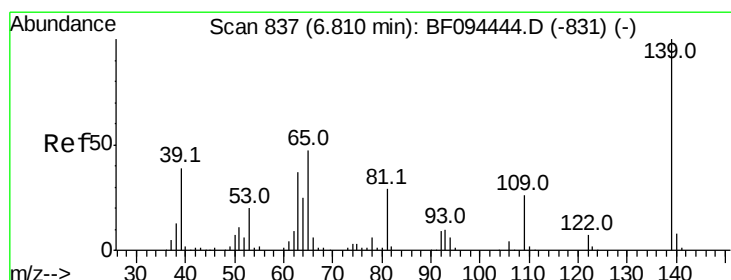
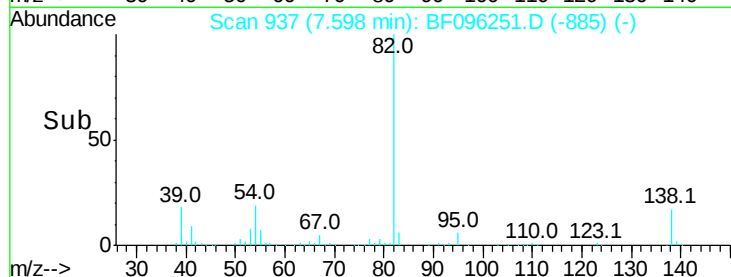
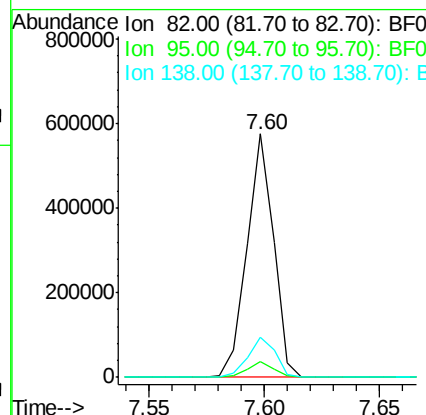
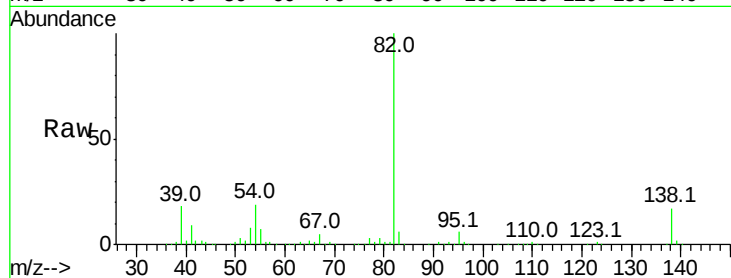
Tot Ion: 82 Resp: 464440

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

138 16.6 13.1 19.7



#26

2-Nitrophenol

Concen: 23.69 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

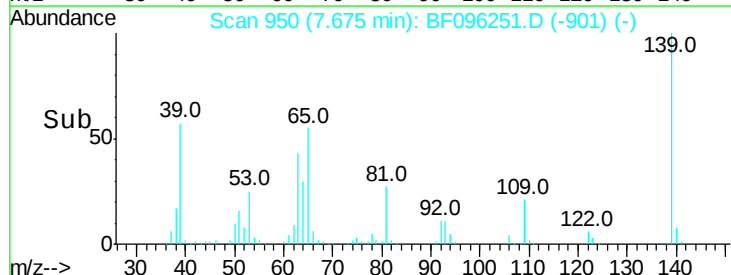
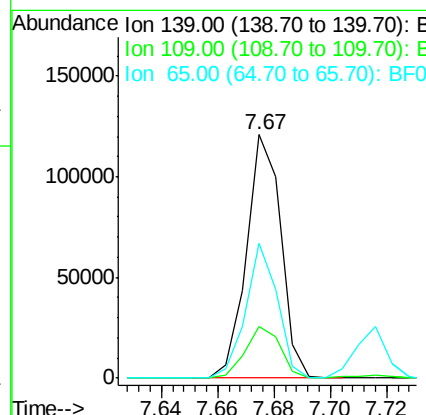
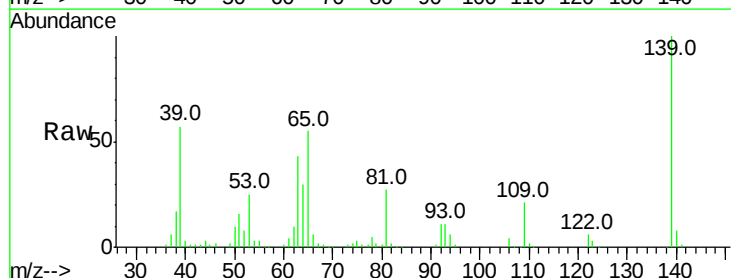
Tgt Ion:139 Resp: 102064

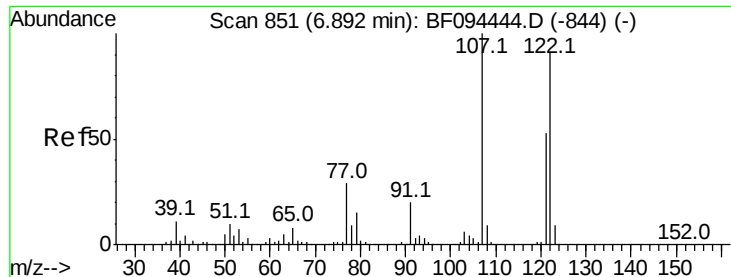
Ion Ratio Lower Upper

139 100

109 21.4 21.0 31.6

65 55.3 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 21.08 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF096251.D

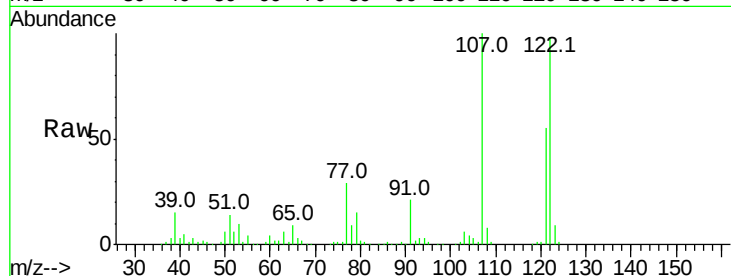
Acq: 28 Jun 2017 16:01

Instrument :

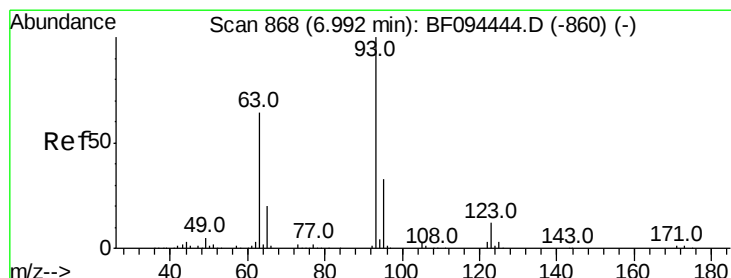
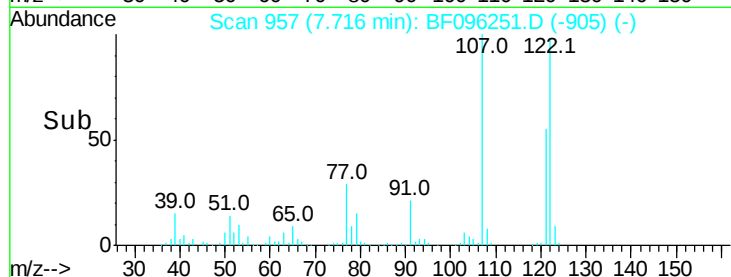
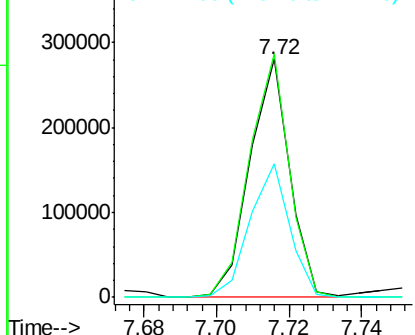
BNA_F

ClientSampleId :

Tot Ion:	122	Resp:	214687
Ion	Ratio	Lower	Upper
122	100		
107	102.2	89.2	133.8
121	55.8	45.2	67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 19.48 ng

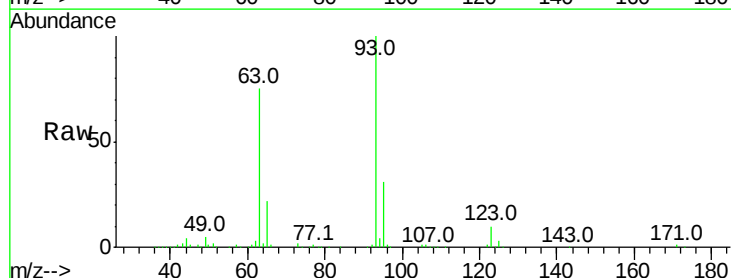
RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

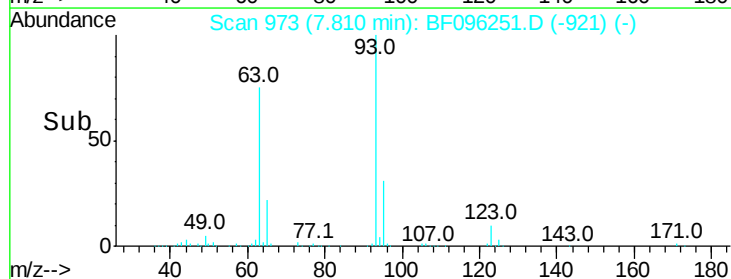
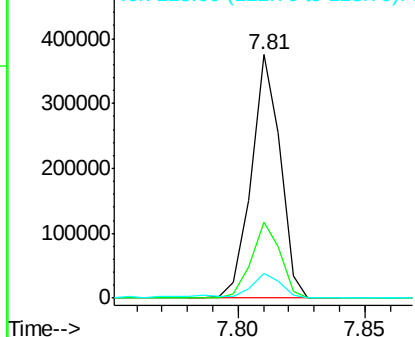
Lab File: BF096251.D

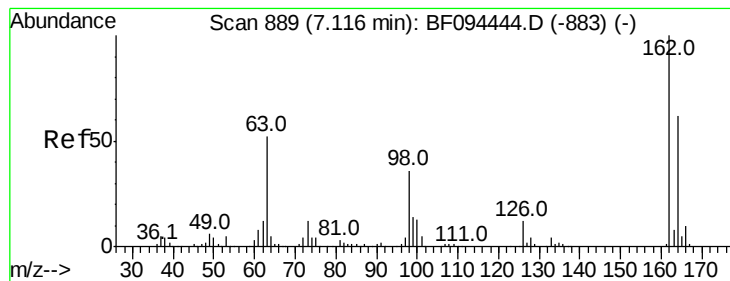
Acq: 28 Jun 2017 16:01

Tgt Ion:	93	Resp:	297426
Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.5	39.7
123	10.0	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 21.63 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

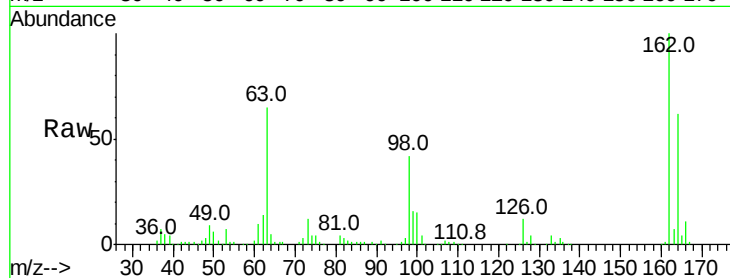
Tot Ion:162 Resp: 187883

Ion Ratio Lower Upper

162 100

164 61.8 44.6 84.6

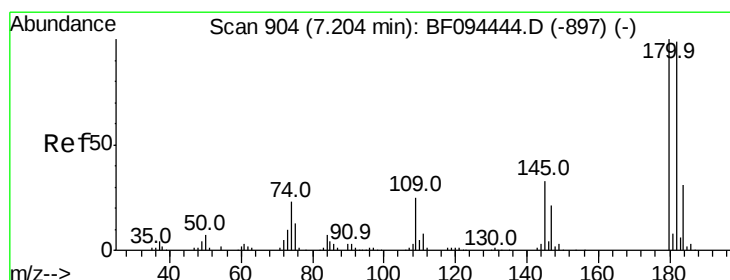
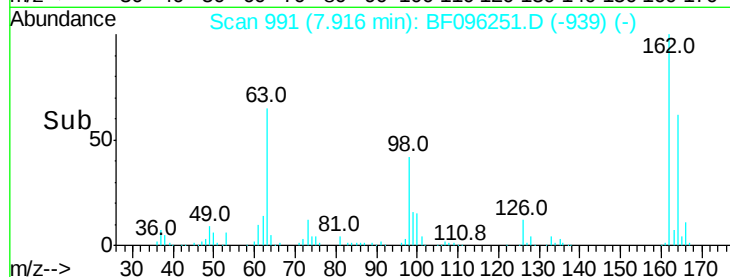
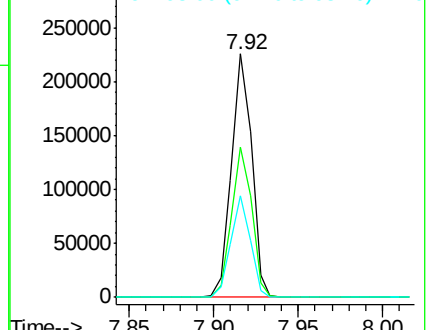
98 41.9 14.8 54.8



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: 16.21 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

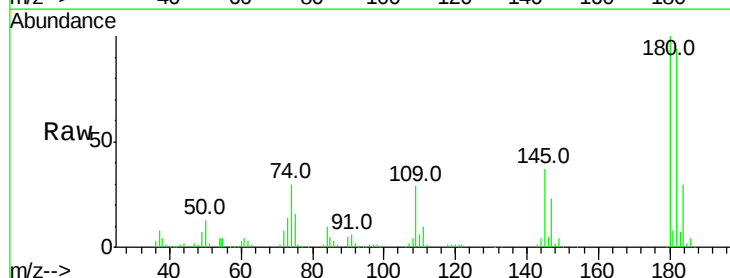
Tgt Ion:180 Resp: 139748

Ion Ratio Lower Upper

180 100

182 94.1 75.8 113.6

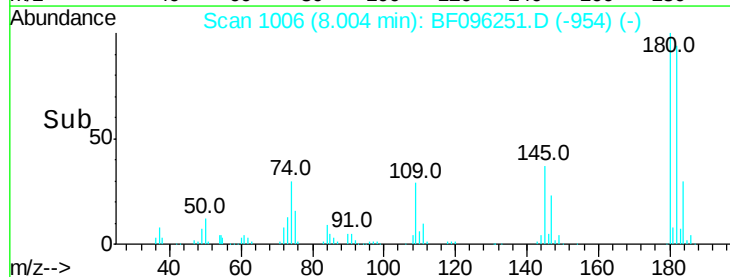
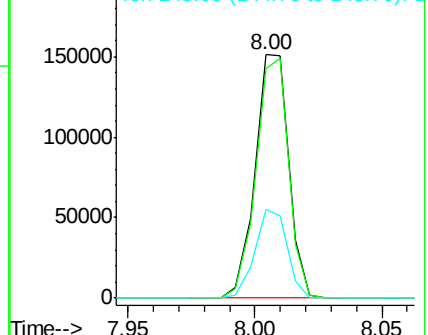
145 36.6 25.3 37.9

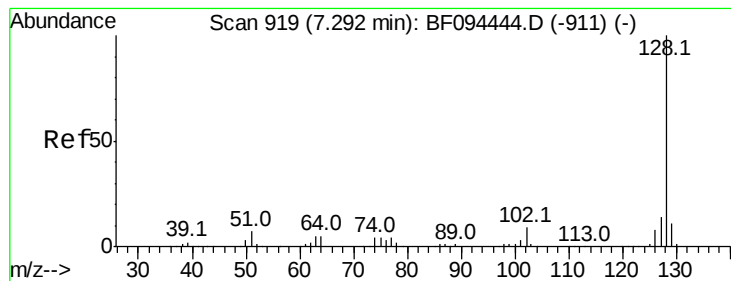


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 17.89 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

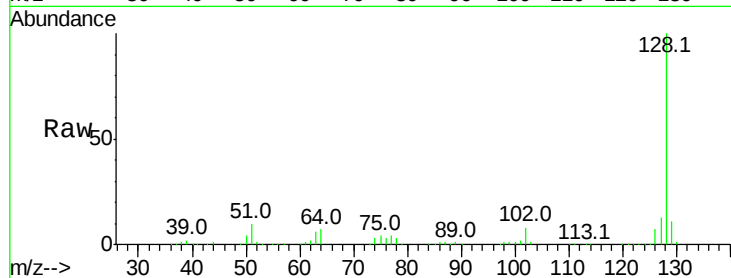
Tot Ion:128 Resp: 592321

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

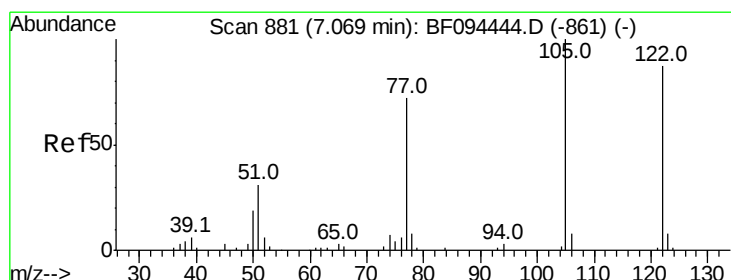
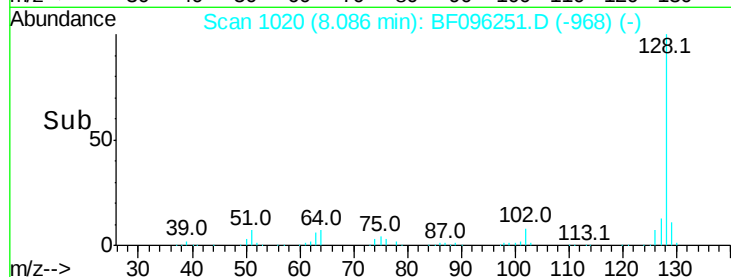
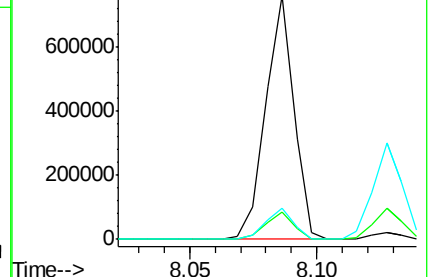
127 12.8 10.8 16.2



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: 18.17 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.10 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

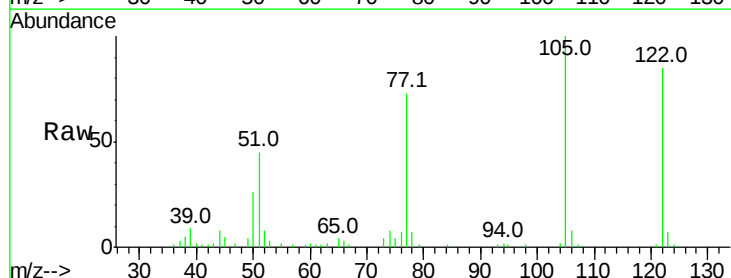
Tgt Ion:122 Resp: 82761

Ion Ratio Lower Upper

122 100

105 117.4 103.3 143.3

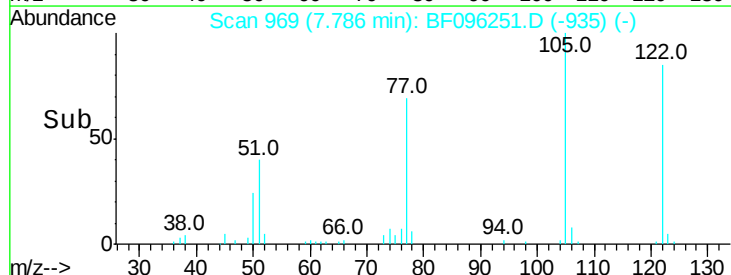
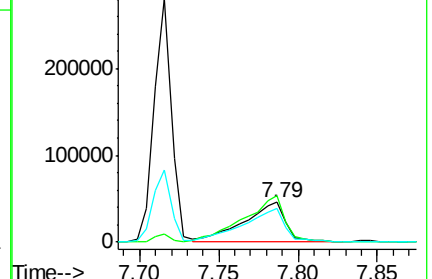
77 85.9 73.7 113.7

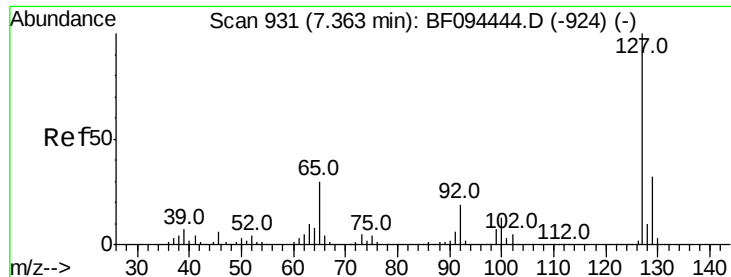


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

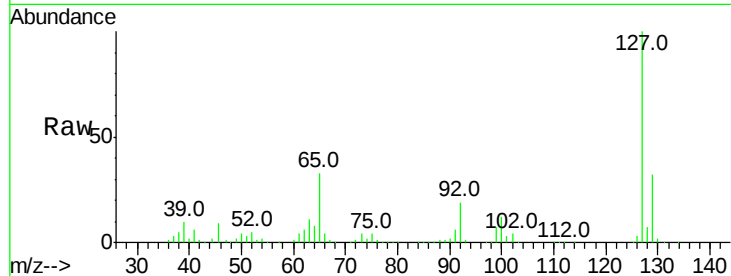




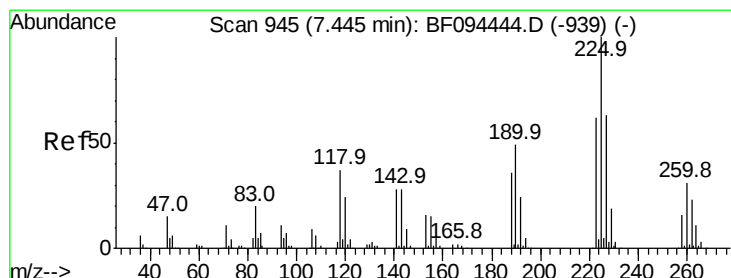
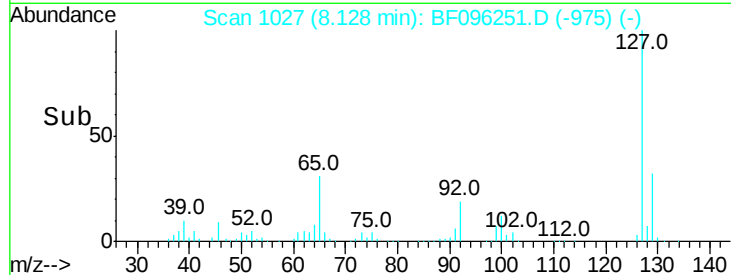
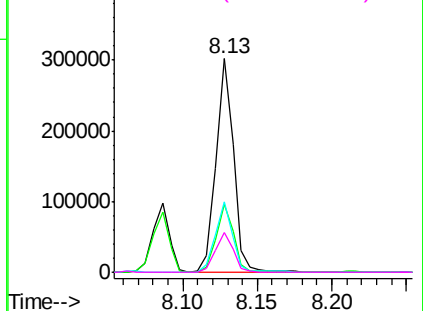
#33
4-Chloroaniline
Concen: 18.13 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	248570
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	33.3	27.8	41.8
92	18.8	16.8	25.2

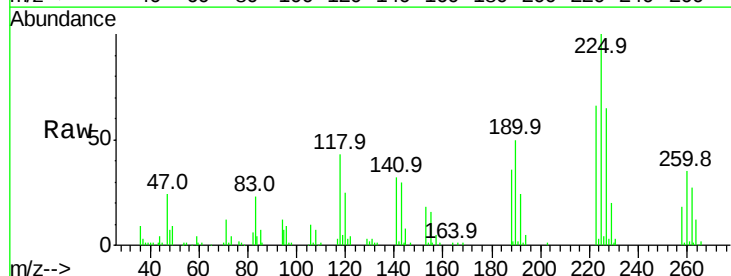


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

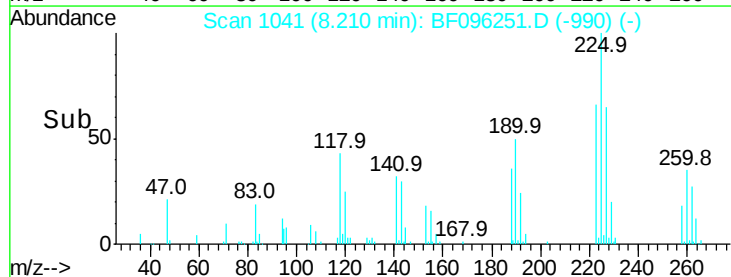
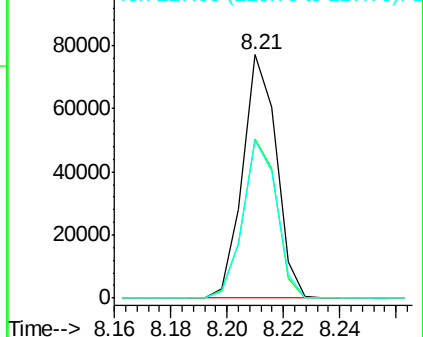


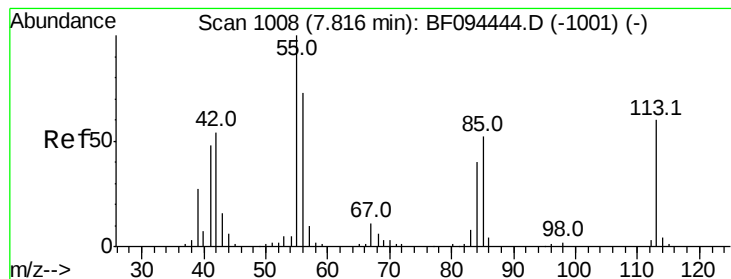
#34
Hexachlorobutadiene
Concen: 14.96 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion:	225	Resp:	63975
Ion	Ratio	Lower	Upper
225	100		
223	65.5	48.8	73.2
227	64.8	51.1	76.7



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





#35

Caprolactam

Concen: 22.73 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.04 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

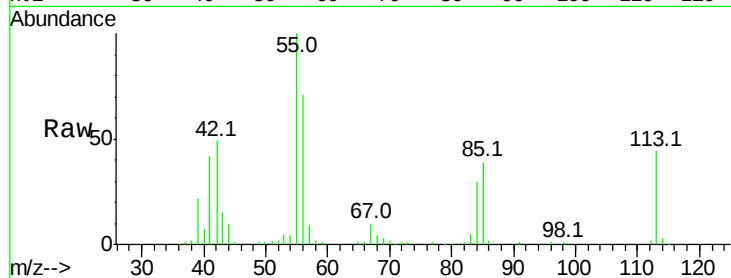
Tot Ion:113 Resp: 68234

Ion Ratio Lower Upper

113 100

55 229.8 150.2 190.2#

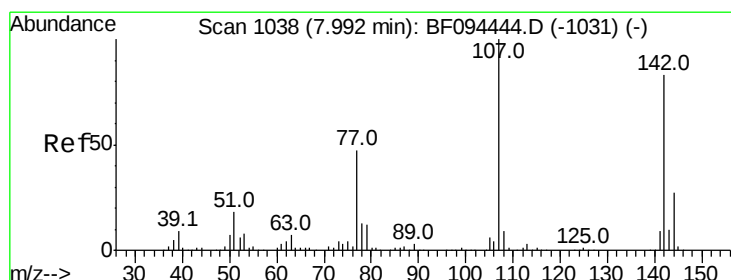
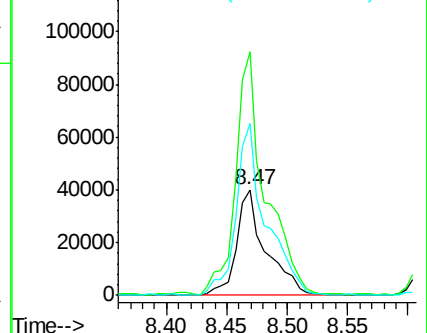
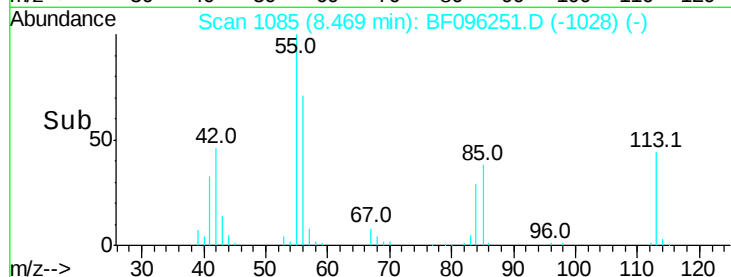
56 162.1 107.8 147.8#



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: 22.70 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

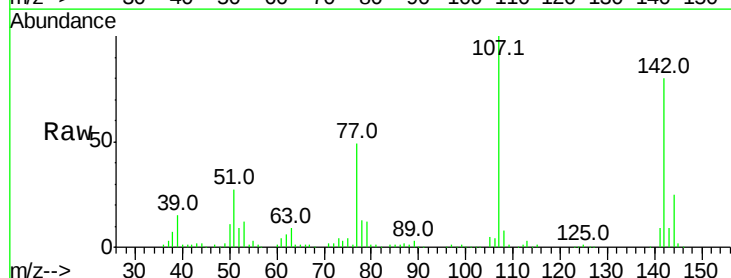
Tgt Ion:107 Resp: 214524

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

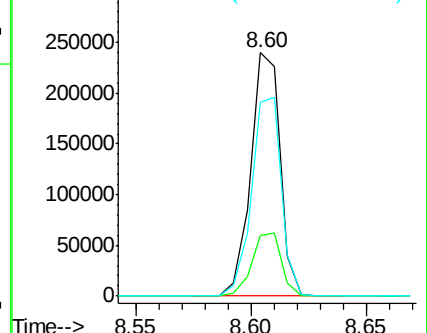
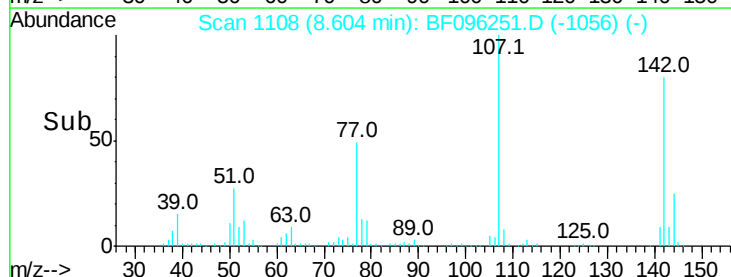
142 79.8 73.4 110.0

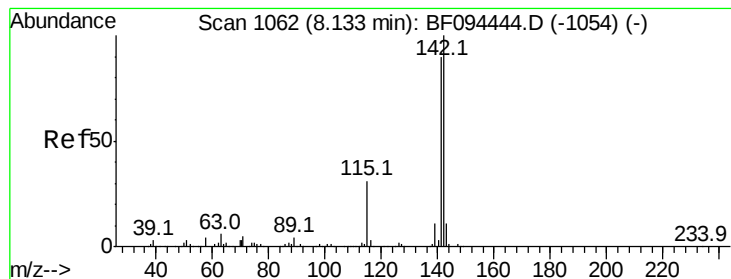


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 20.20 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

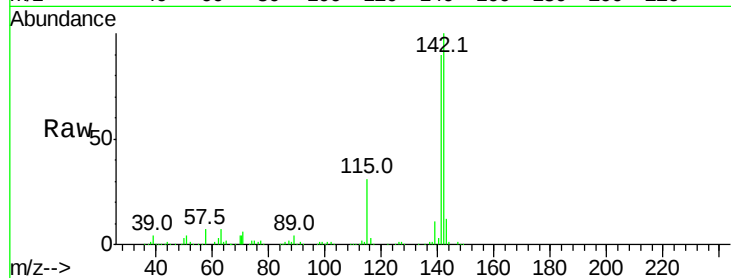
Tot Ion:142 Resp: 434656

Ion Ratio Lower Upper

142 100

141 90.4 71.3 106.9

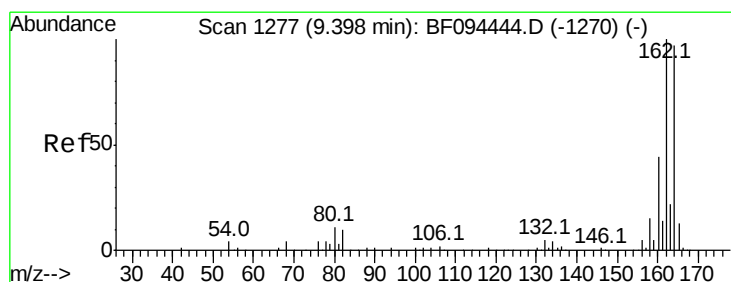
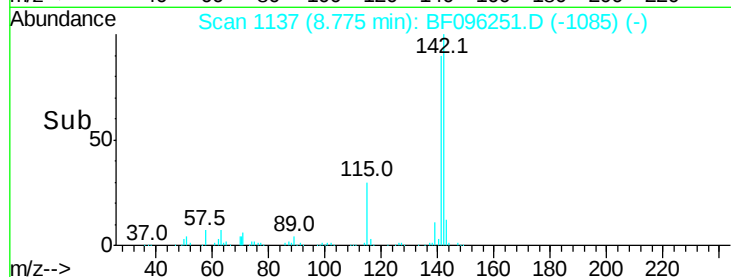
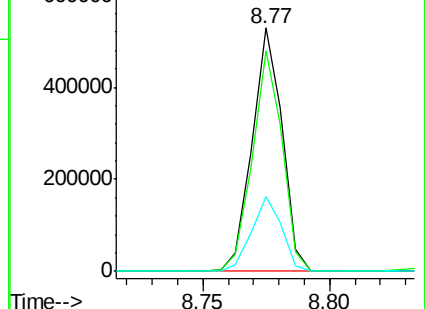
115 30.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

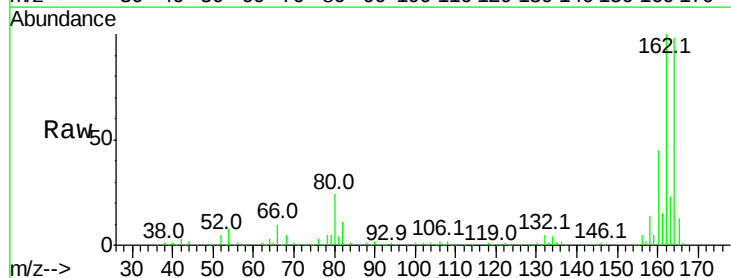
Tgt Ion:164 Resp: 265709

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

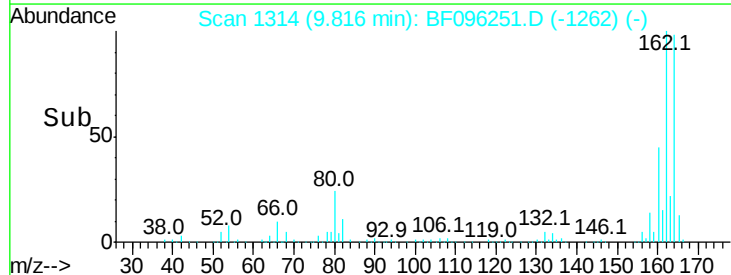
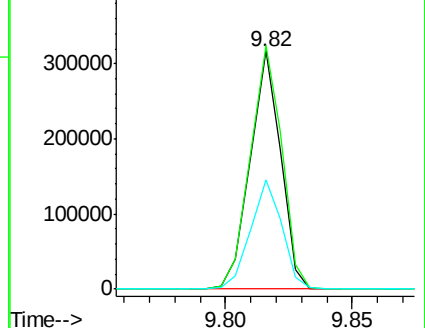
160 45.9 36.2 54.2

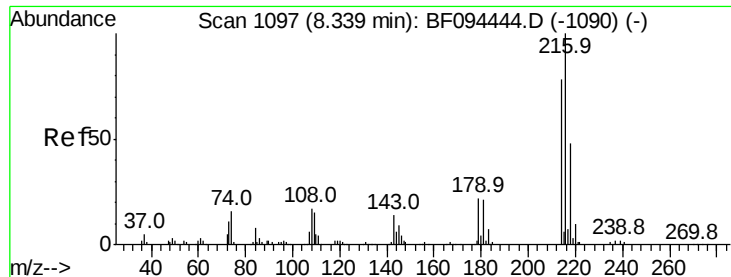


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.68 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 145904

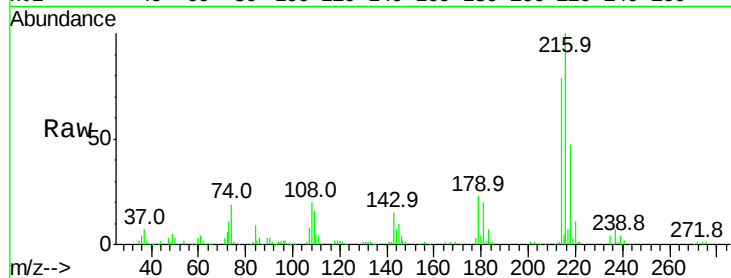
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 23.1 17.9 26.9

108 23.0 16.5 24.7

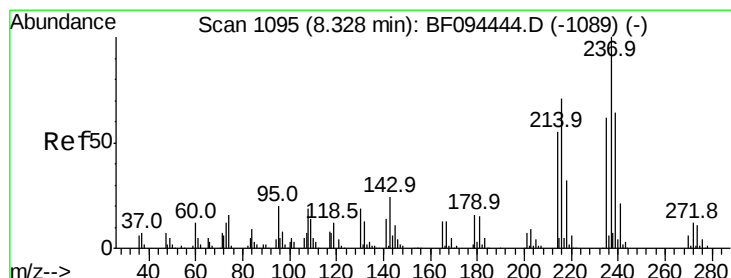
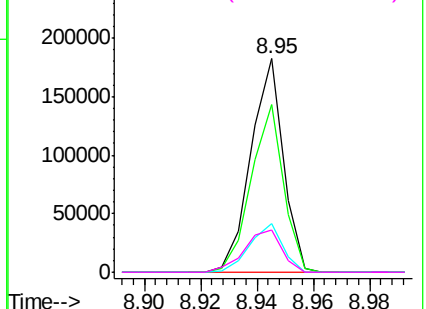
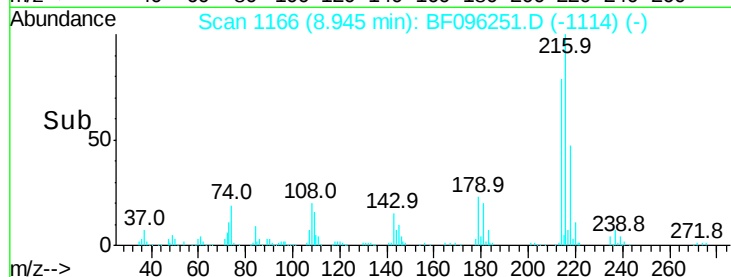


Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.28 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

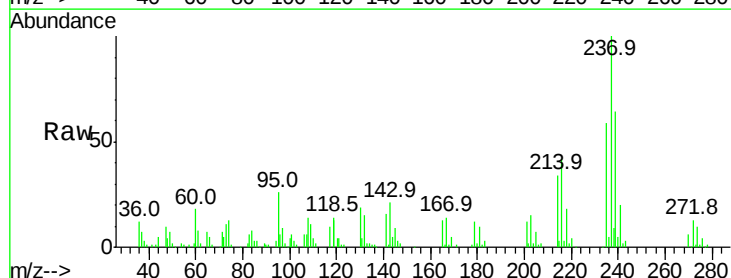
Tgt Ion:237 Resp: 69995

Ion Ratio Lower Upper

237 100

235 58.7 42.6 82.6

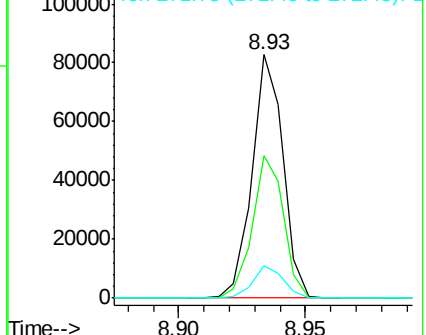
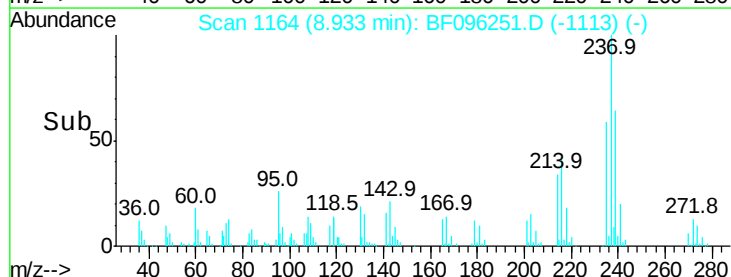
272 13.5 0.0 31.9

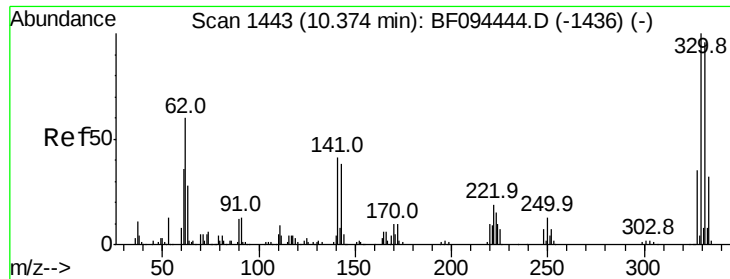


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

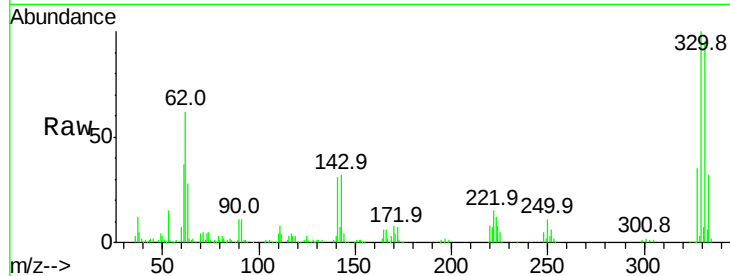




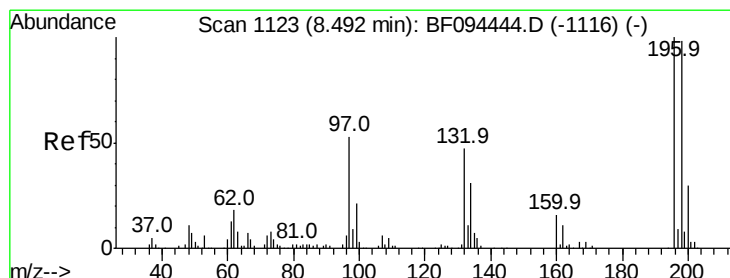
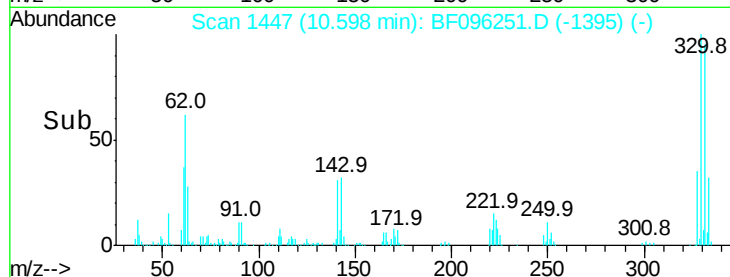
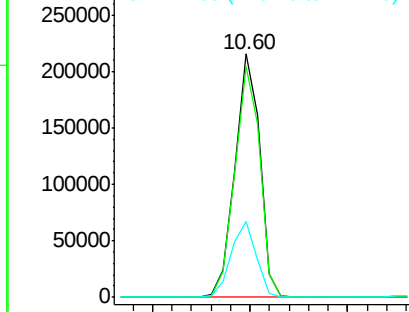
#41
 2,4,6-Tribromophenol
 Concen: 90.80 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
Resp:	189880					
Ion	100	95.8	31.5			
		76.6	31.4			
		115.0	47.2			

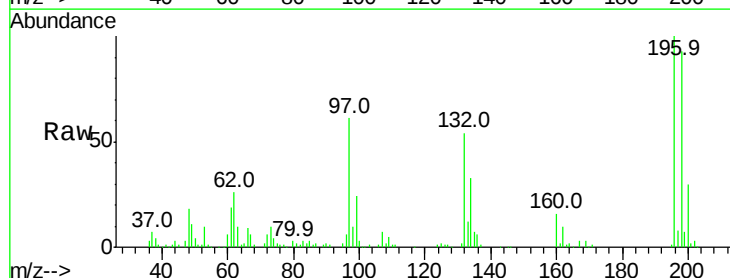


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

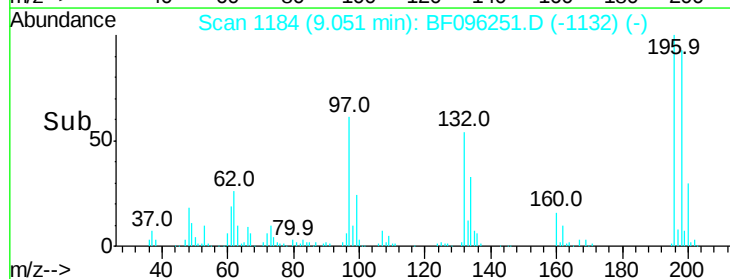
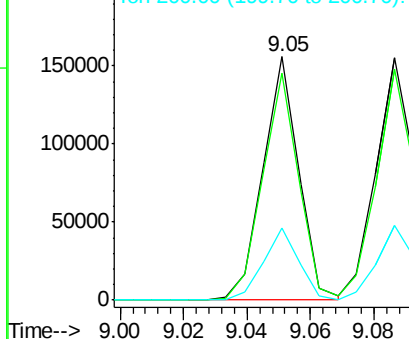


#42
 2,4,6-Trichlorophenol
 Concen: 25.24 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	196	198	200	Ratio	Lower	Upper
Resp:	122390					
Ion	100	93.2	29.8			
		74.2	24.0			
		111.4	36.0			



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

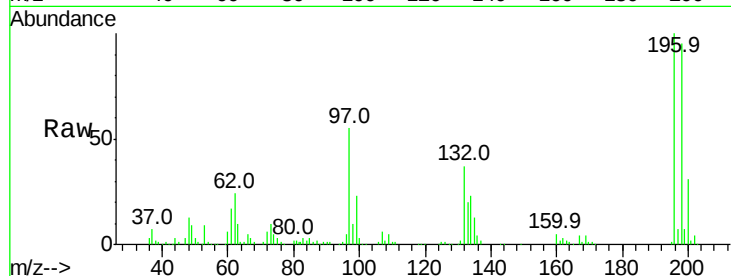




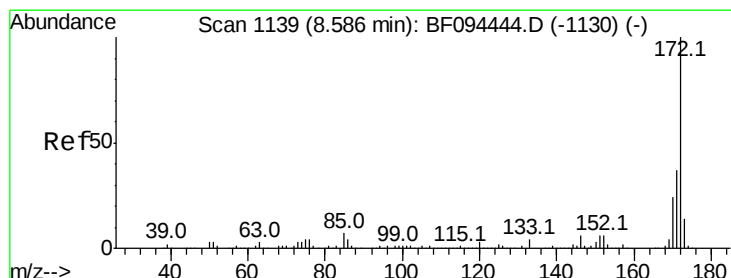
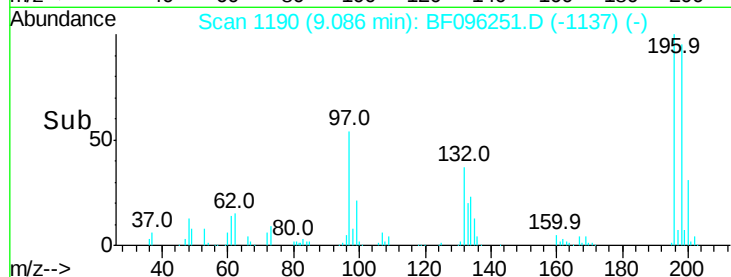
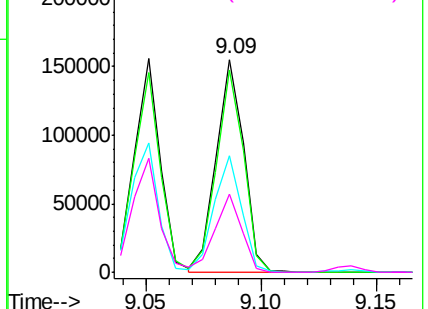
#43
 2,4,5-Trichlorophenol
 Concen: 24.97 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	127617
Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
97	54.7	47.7	71.5
132	36.7	28.0	42.0

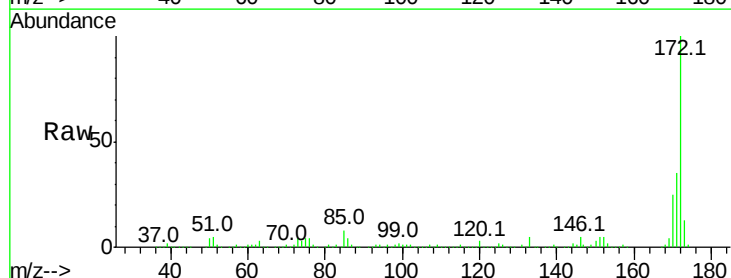


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

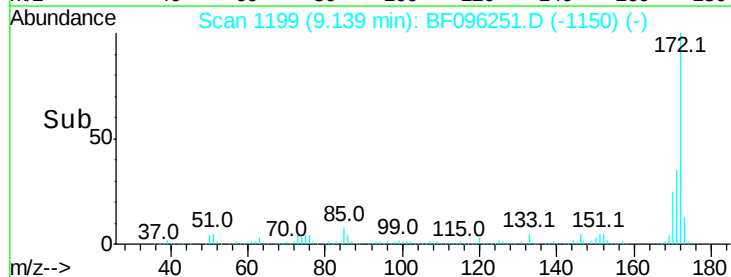
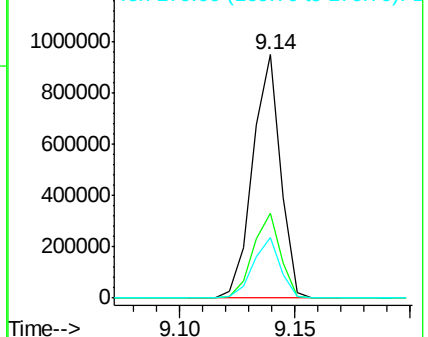


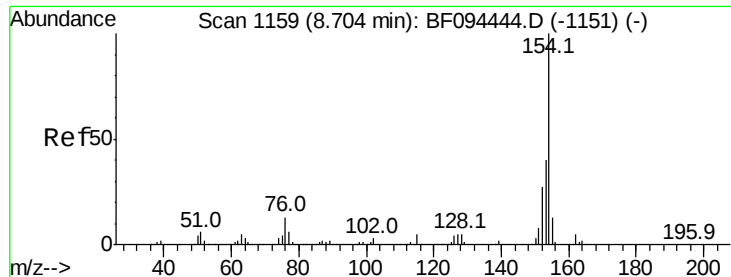
#44
 2-Fluorobiphenyl
 Concen: 55.06 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion:	172	Resp:	798867
Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	24.9	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 25.25 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

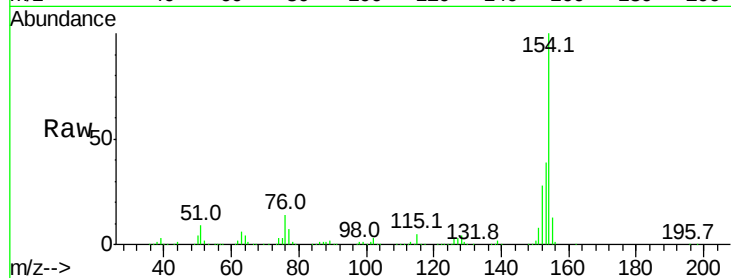
Tot Ion:154 Resp: 514830

Ion Ratio Lower Upper

154 100

153 39.4 21.2 61.2

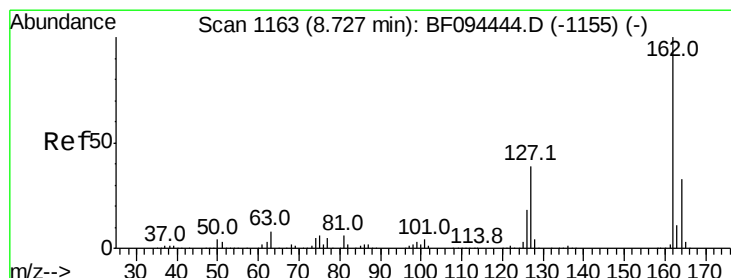
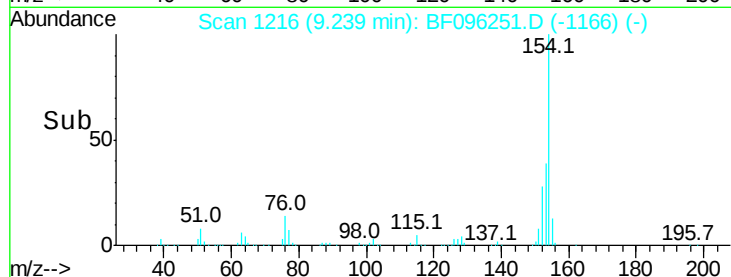
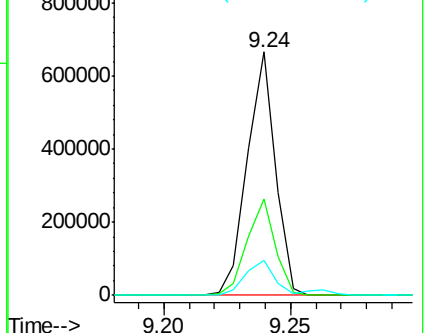
76 14.4 0.0 29.9



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: 23.12 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

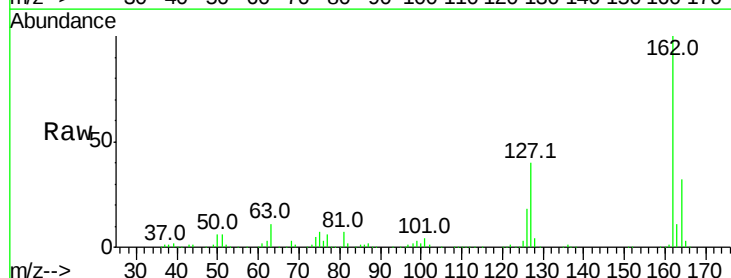
Tgt Ion:162 Resp: 390992

Ion Ratio Lower Upper

162 100

127 40.3 28.3 42.5

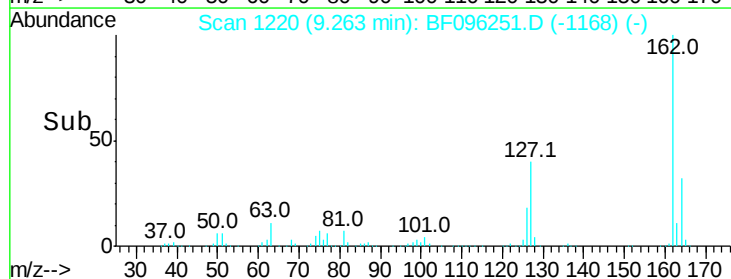
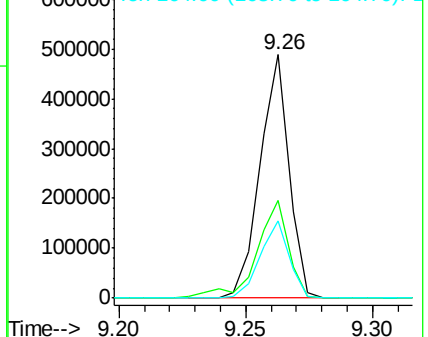
164 31.8 27.0 40.4

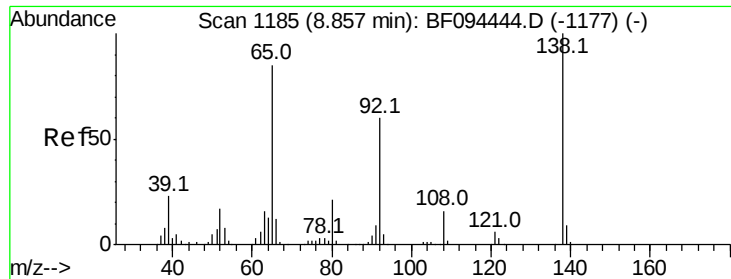


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

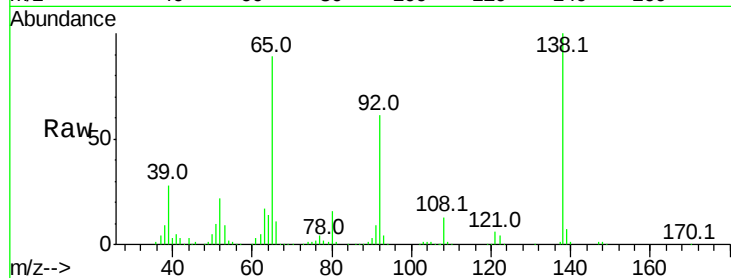




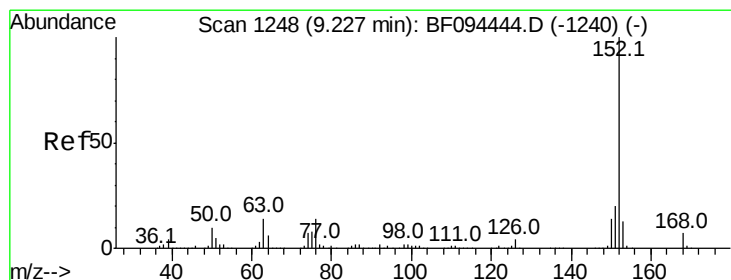
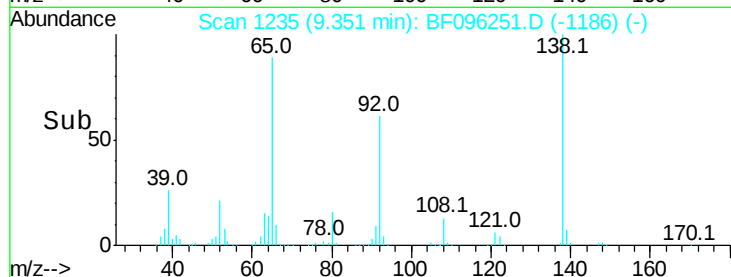
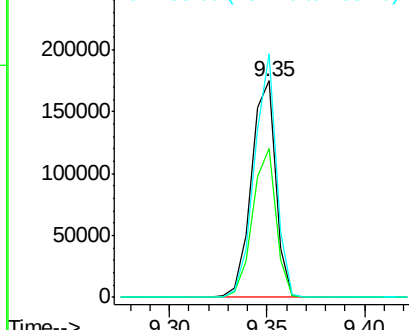
#47
2-Nitroaniline
Concen: 28.38 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 151610
Ion Ratio Lower Upper
65 100
92 68.7 53.9 80.9
138 112.4 78.8 118.2

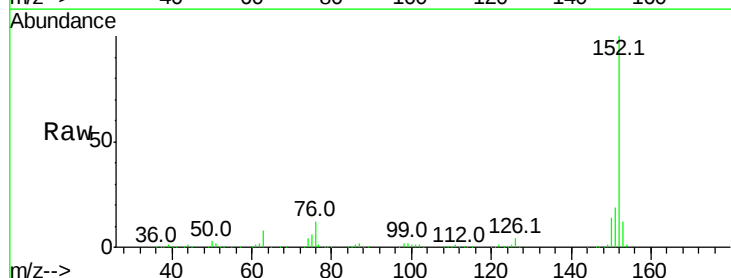


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

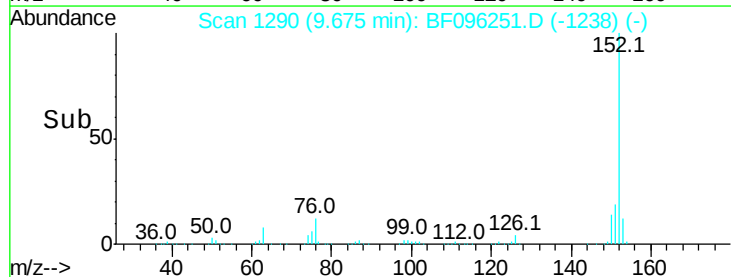
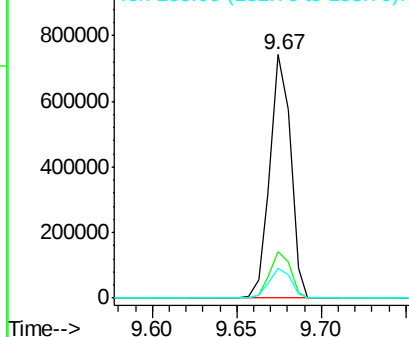


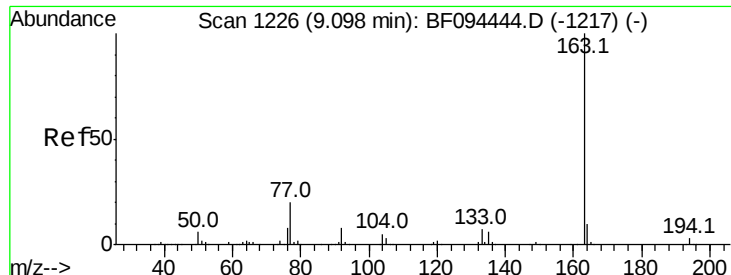
#48
Acenaphthylene
Concen: 22.56 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion: 152 Resp: 633113
Ion Ratio Lower Upper
152 100
151 19.2 16.8 25.2
153 12.2 10.8 16.2



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

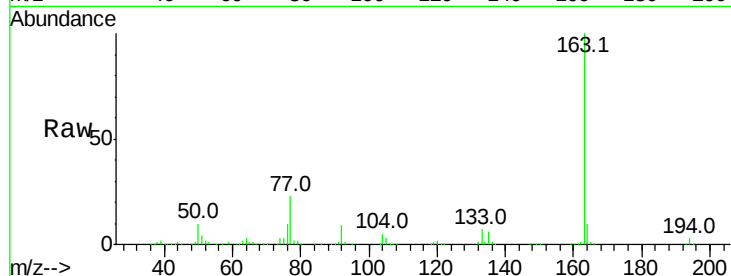




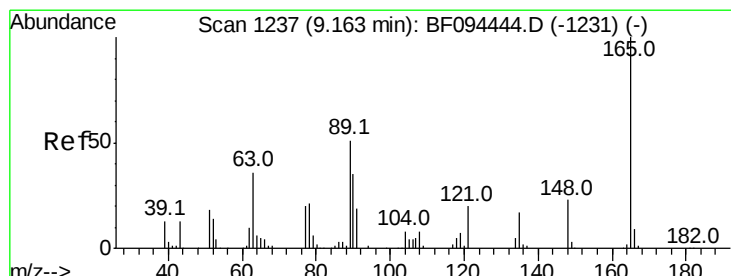
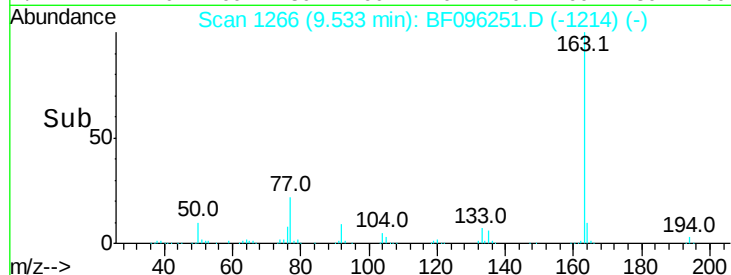
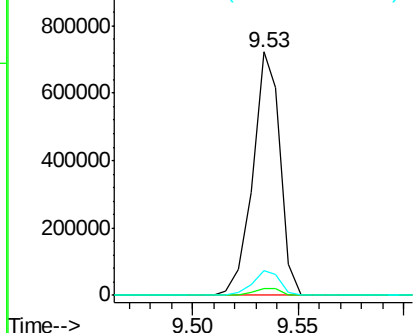
#49
Dimethylphthalate
Concen: 33.95 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.9	8.4	12.6

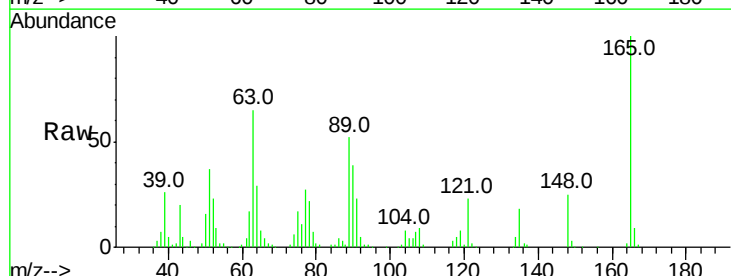


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

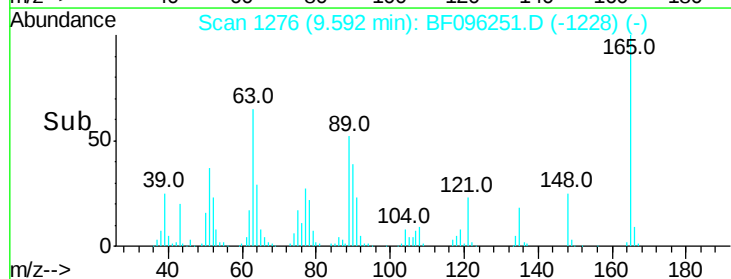
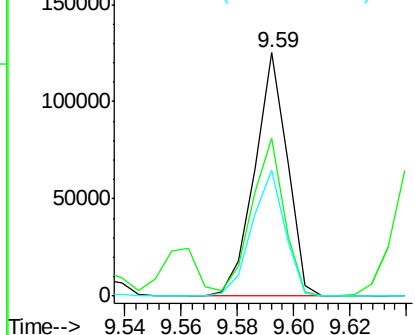


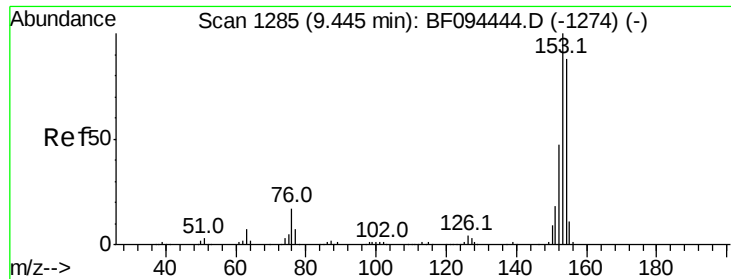
#50
2,6-Dinitrotoluene
Concen: 25.47 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.7	34.3	51.5#
89	51.6	37.1	55.7



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: 23.10 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

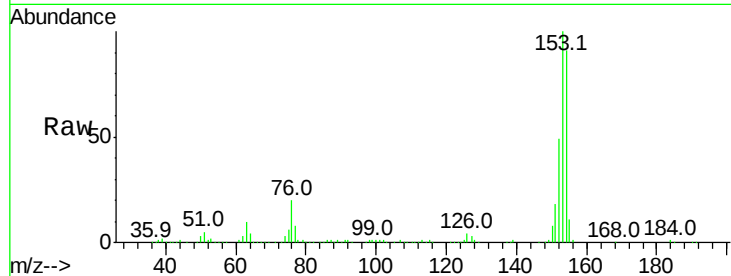
Tot Ion:154 Resp: 381503

Ion Ratio Lower Upper

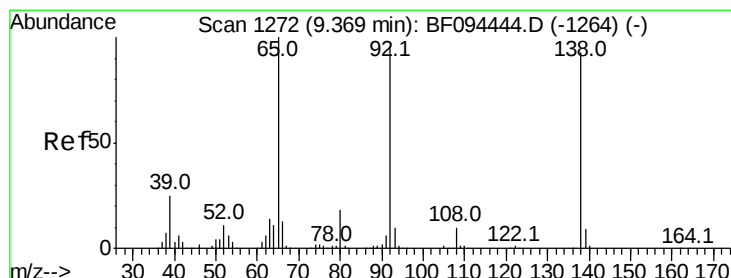
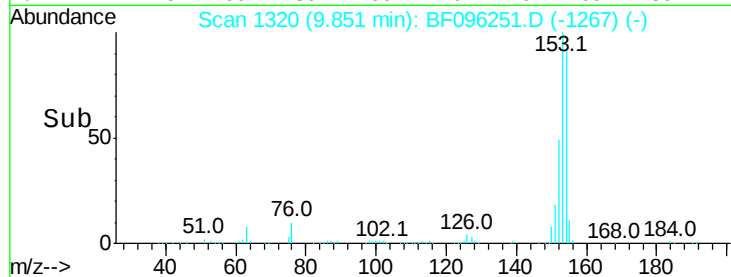
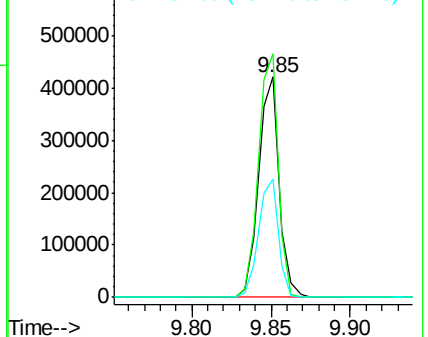
154 100

153 110.4 90.5 135.7

152 53.8 43.6 65.4



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



#52

3-Nitroaniline

Concen: 23.58 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

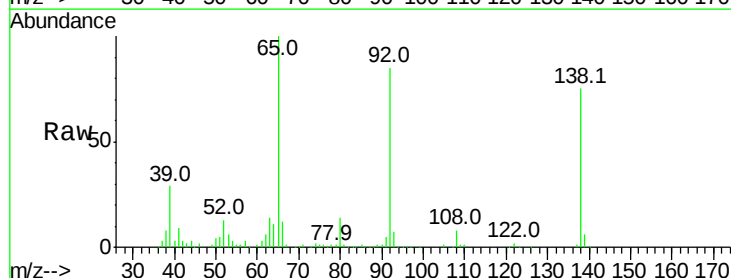
Tgt Ion:138 Resp: 119450

Ion Ratio Lower Upper

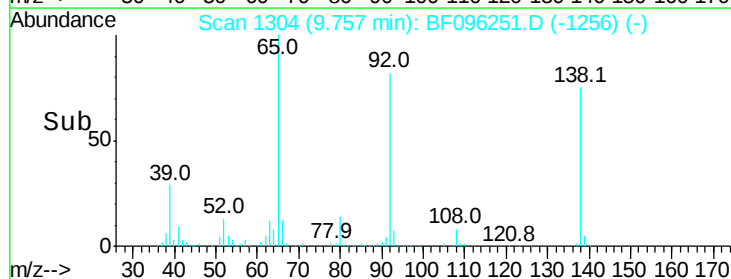
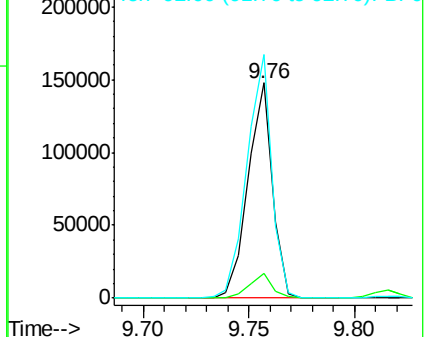
138 100

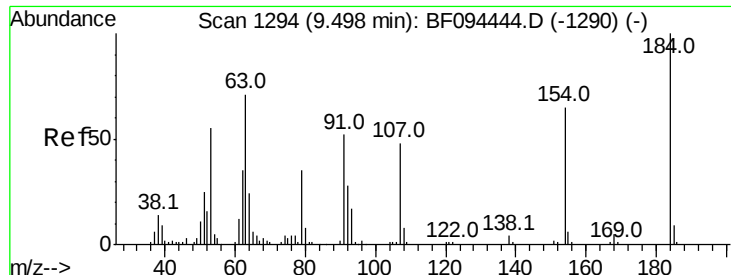
108 11.2 9.1 13.7

92 113.3 93.8 140.6



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

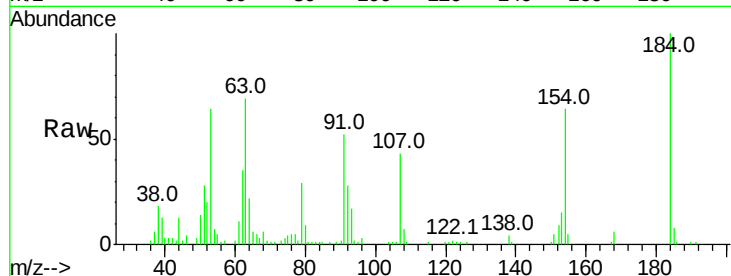




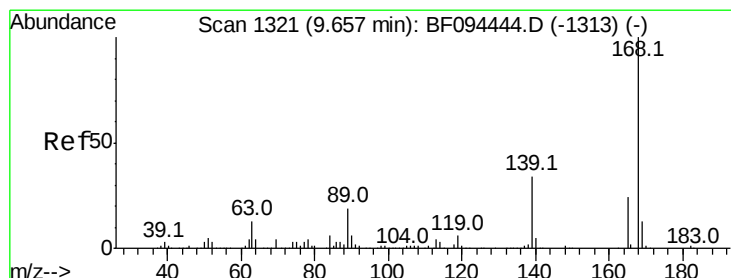
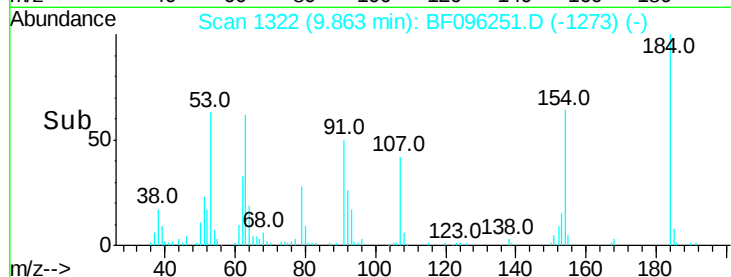
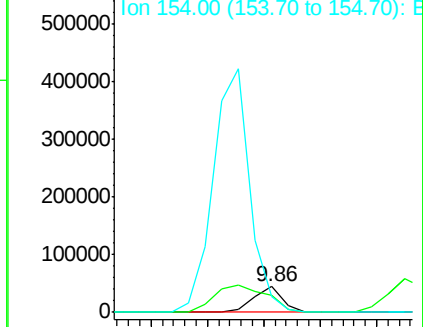
#53
 2,4-Dinitrophenol
 Concen: 29.68 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 32069
 Ion Ratio Lower Upper
 184 100
 63 68.9 62.7 94.1
 154 64.0 81.1 121.7#

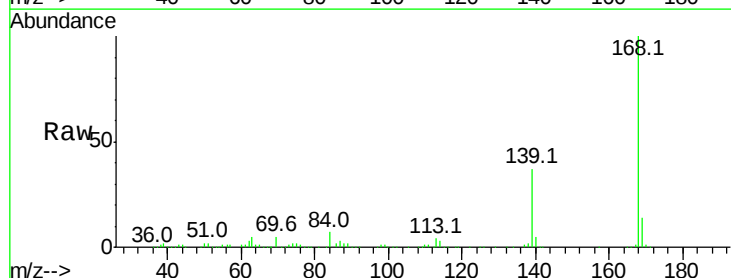


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

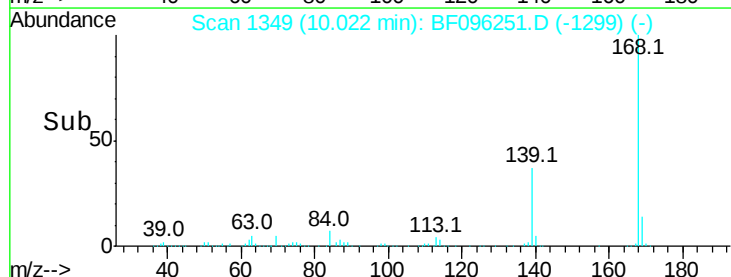
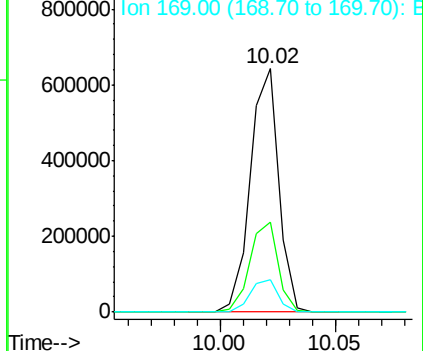


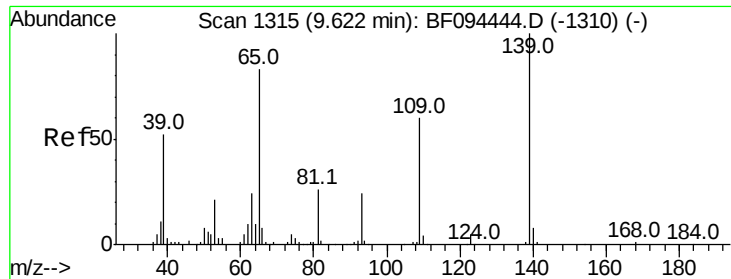
#54
 Dibenzofuran
 Concen: 25.68 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion:168 Resp: 553759
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.6 10.8 16.2



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

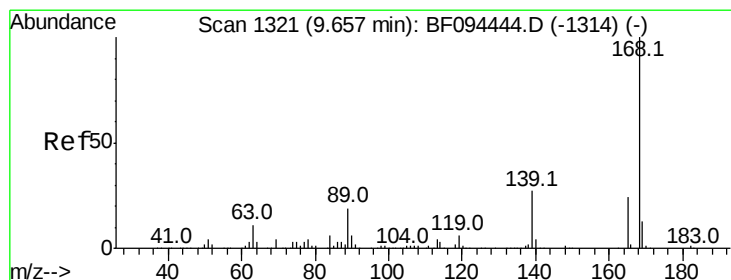
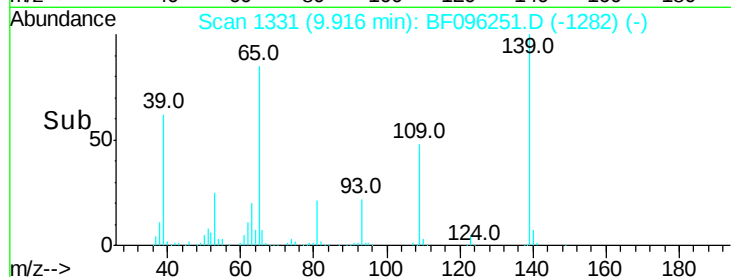
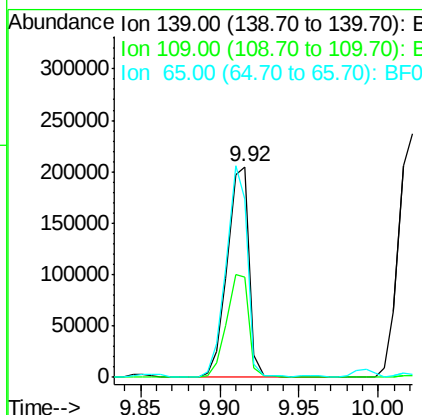
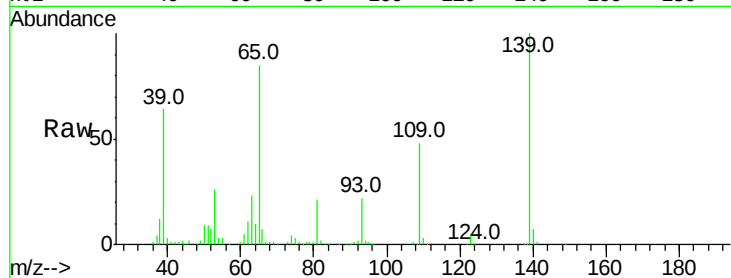




#55
4-Nitrophenol
Concen: 47.86 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

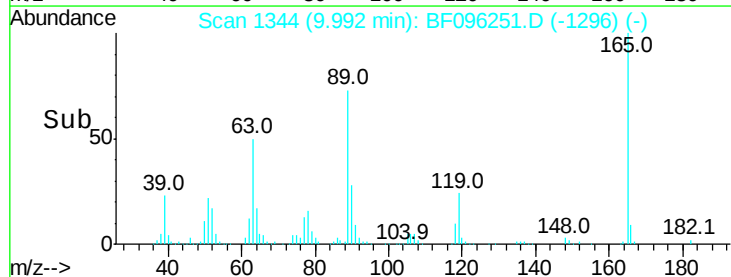
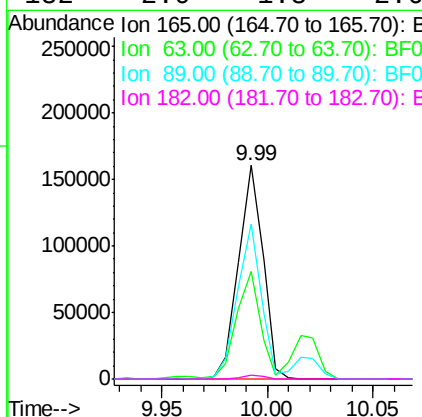
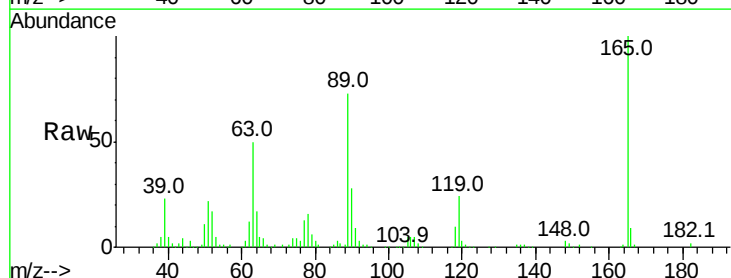
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 196012
Ion Ratio Lower Upper
139 100
109 47.8 34.1 74.1
65 85.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 25.78 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion:165 Resp: 128503
Ion Ratio Lower Upper
165 100
63 50.4 25.4 38.0#
89 72.7 46.4 69.6#
182 2.0 1.8 2.6

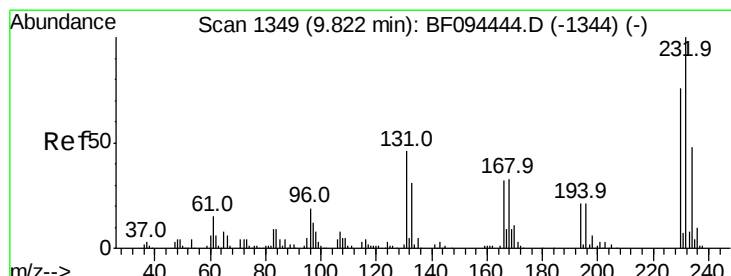
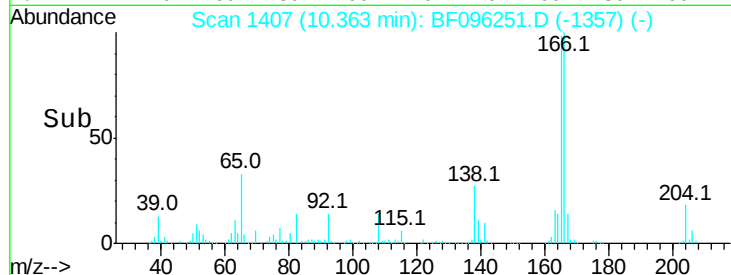
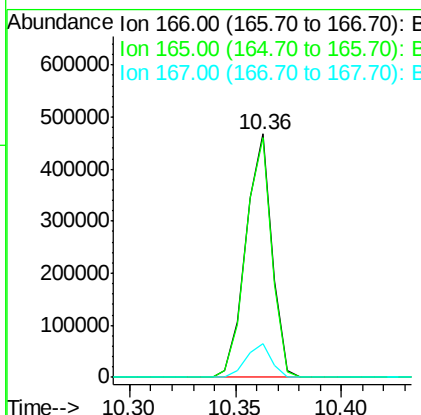
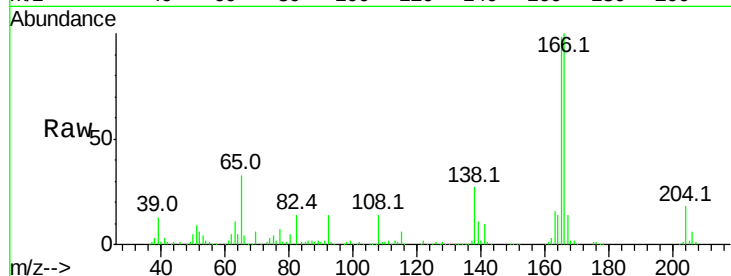




#57
Fluorene
 Concen: 23.34 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

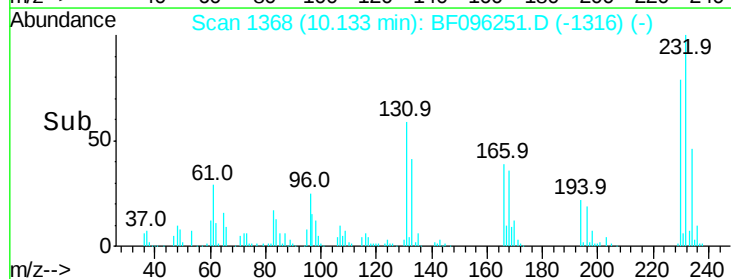
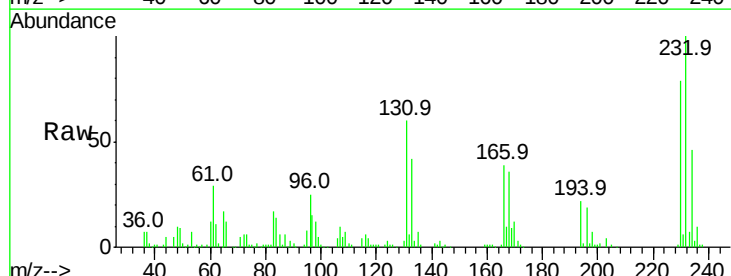
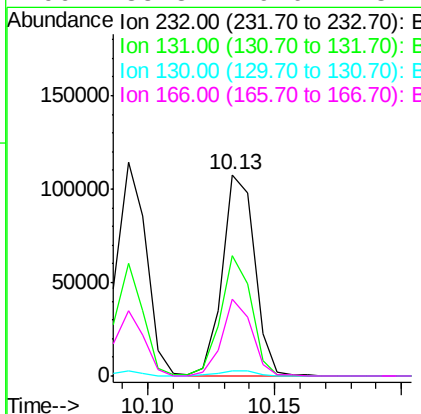
Instrument :
 BNA_F
 ClientSampleId :

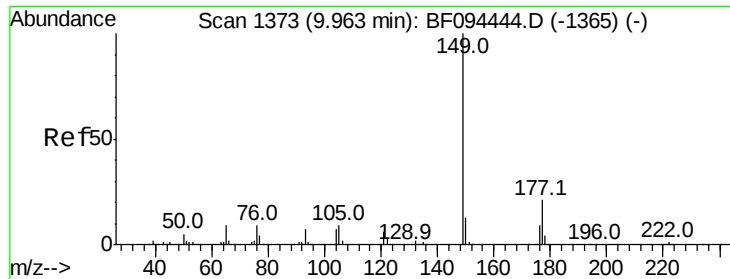
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.6	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 26.67 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
232	100		
231	57.3	44.8	67.2
130	2.6	2.3	3.5
166	35.8	29.0	43.4

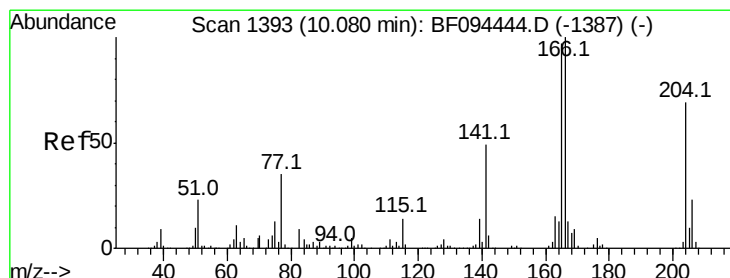
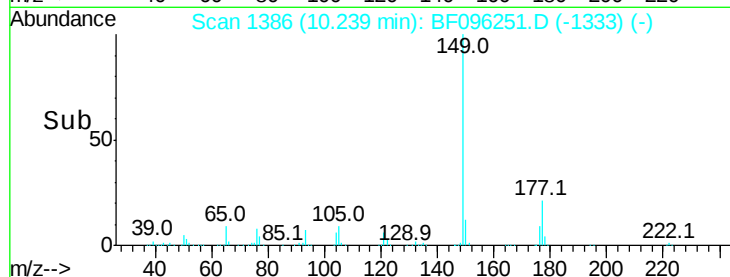
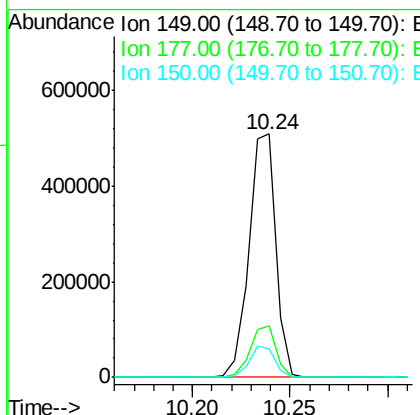
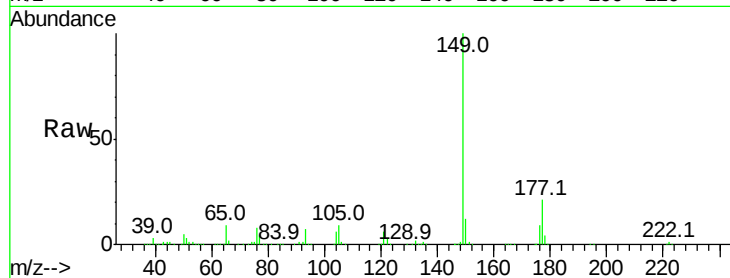




#59
Diethylphthalate
Concen: 25.32 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

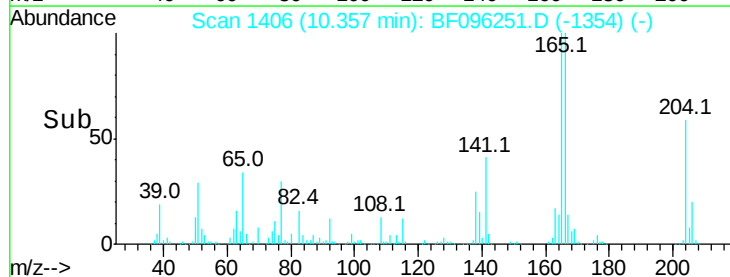
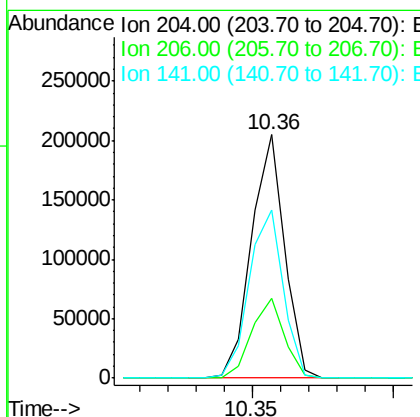
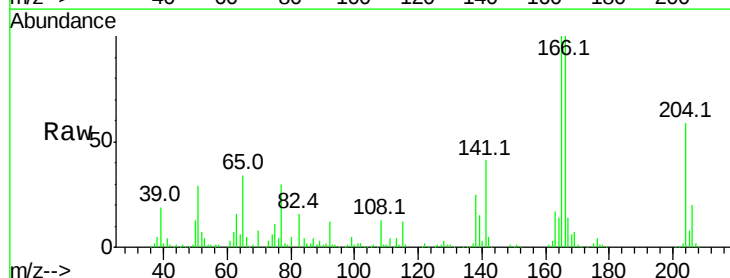
Instrument :
BNA_F
ClientSampleId :

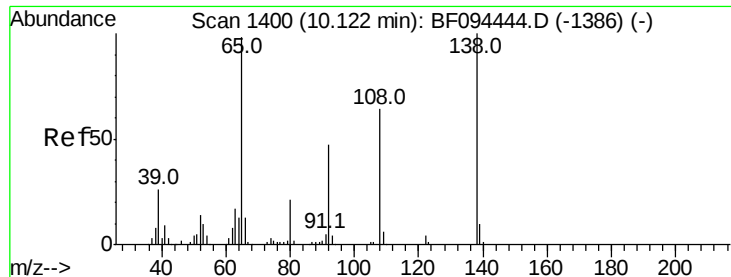
Tot Ion:149 Resp: 483393
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 11.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 23.60 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion:204 Resp: 166108
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 69.0 60.8 91.2

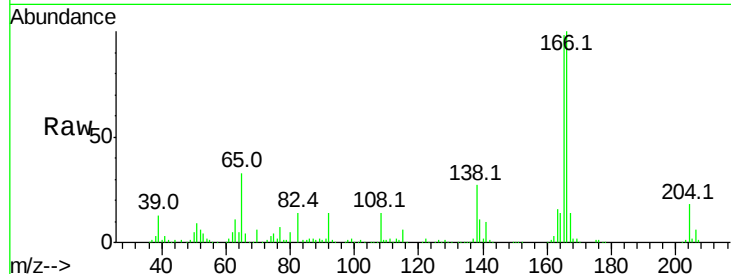




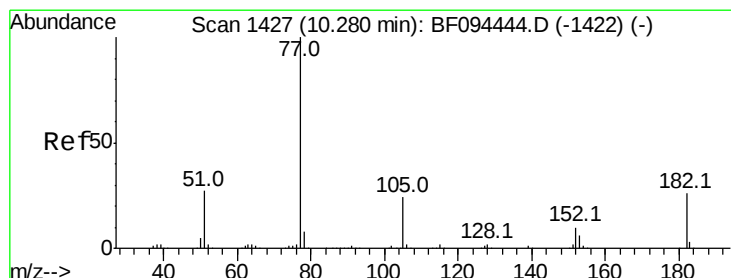
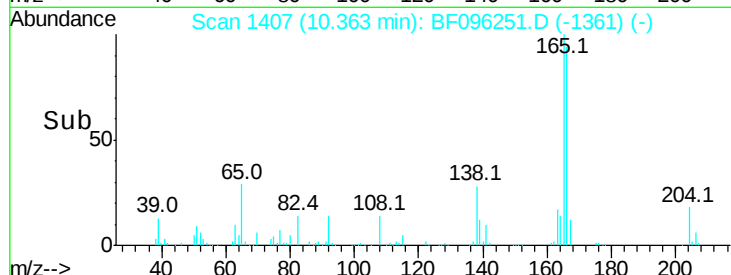
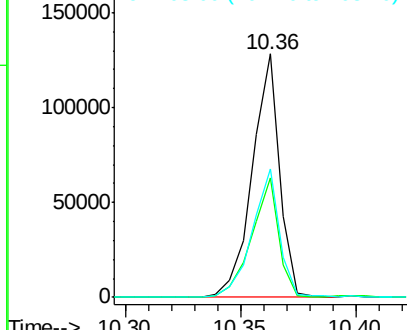
#61
4-Nitroaniline
Concen: 24.11 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 106264
Ion Ratio Lower Upper
138 100
92 49.2 21.8 61.8
108 52.8 42.3 82.3

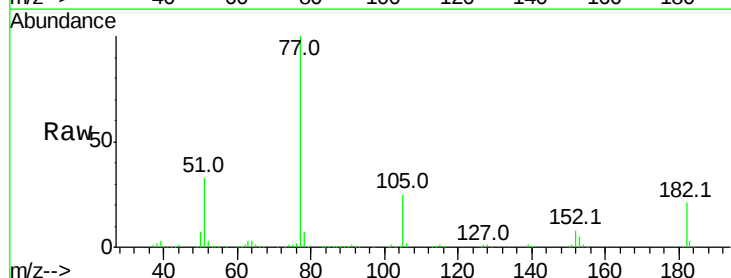


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

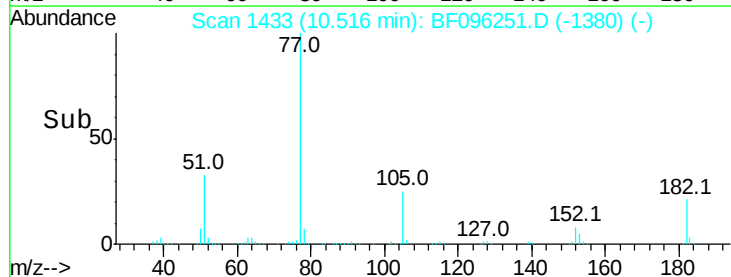
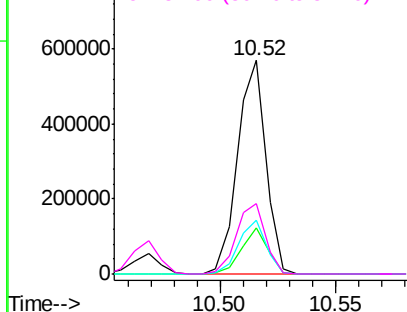


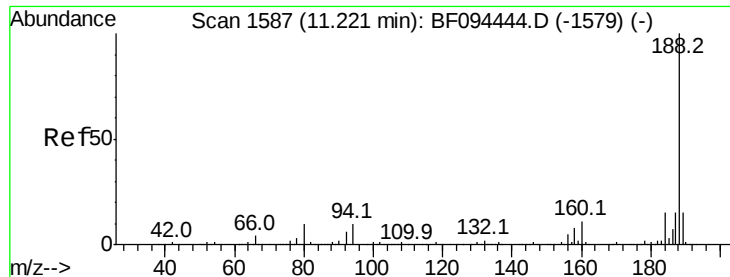
#62
Azobenzene
Concen: 25.36 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion: 77 Resp: 488289
Ion Ratio Lower Upper
77 100
182 21.3 0.1 40.1
105 25.3 3.6 43.6
51 32.8 9.4 49.4



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# 1565

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampled :

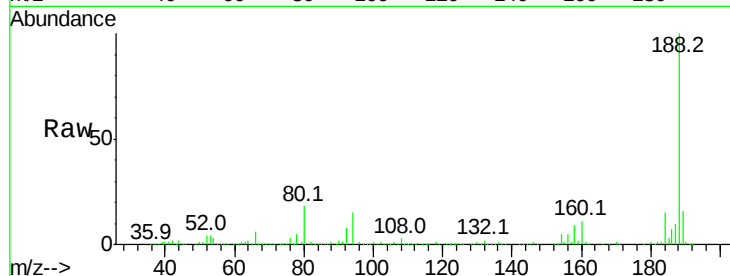
Tot Ion:188 Resp: 415863

Ion Ratio Lower Upper

188 100

94 14.7 9.4 14.2#

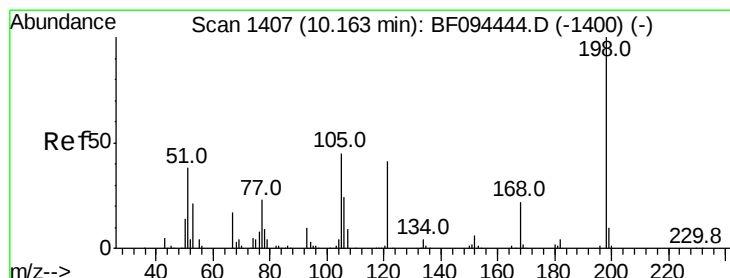
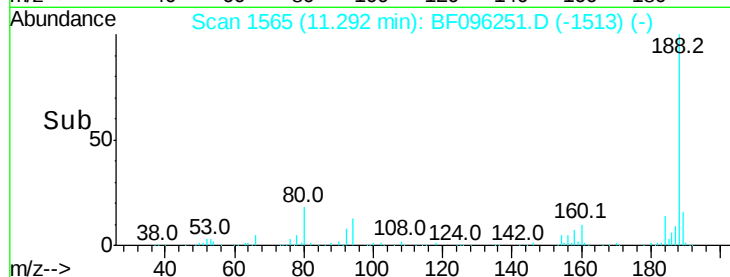
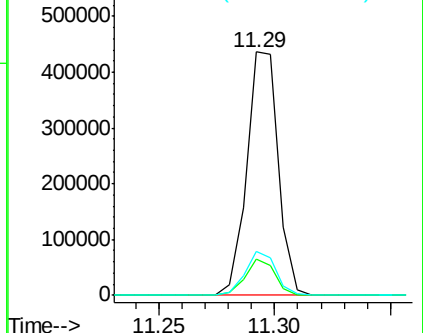
80 18.0 10.2 15.2#



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: 18.93 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

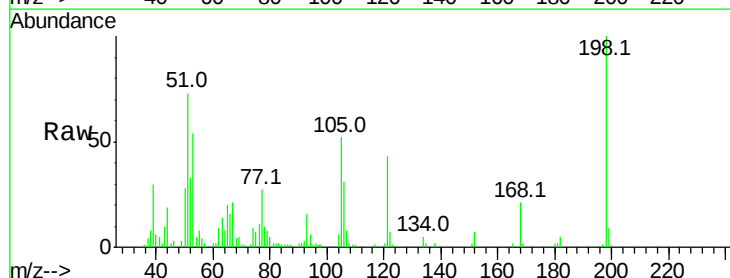
Tgt Ion:198 Resp: 27170

Ion Ratio Lower Upper

198 100

51 72.6 53.2 93.2

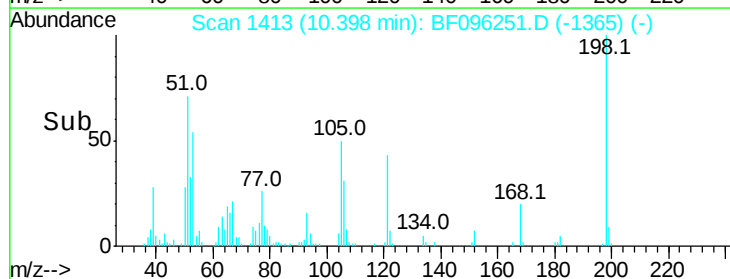
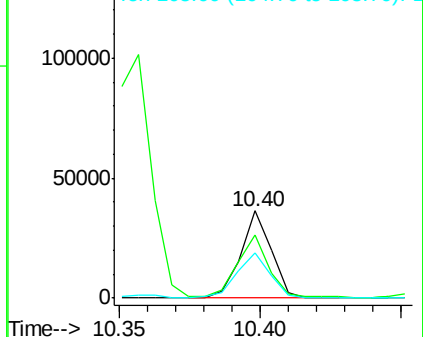
105 52.0 45.8 85.8

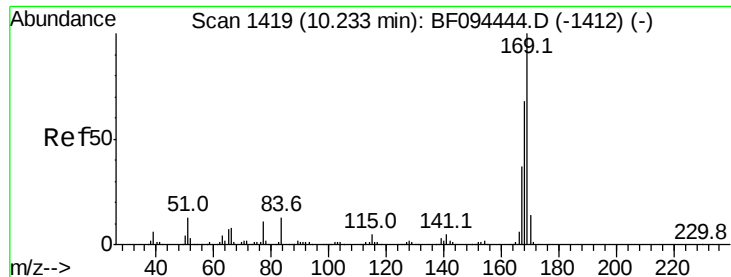


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

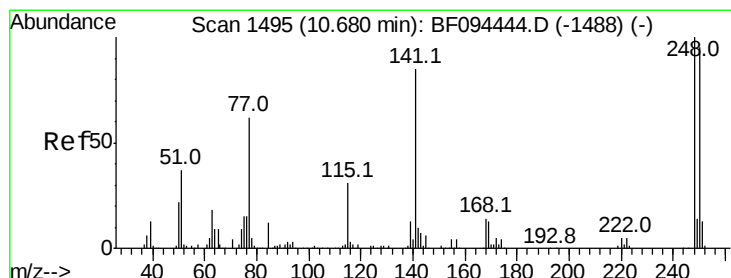
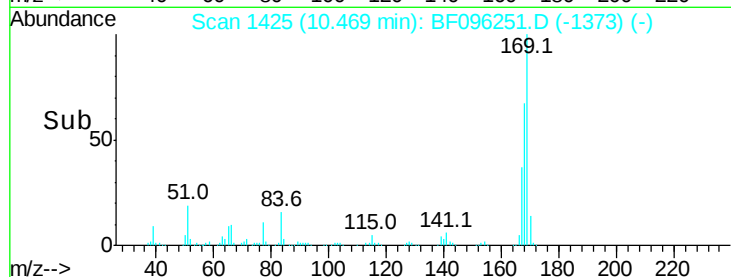
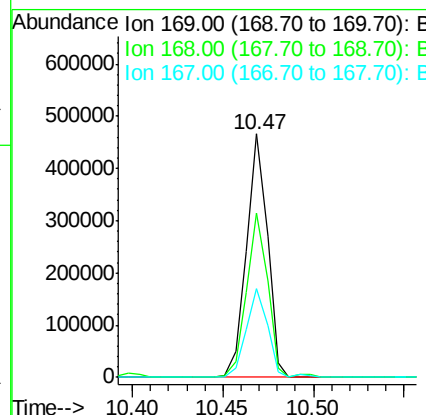
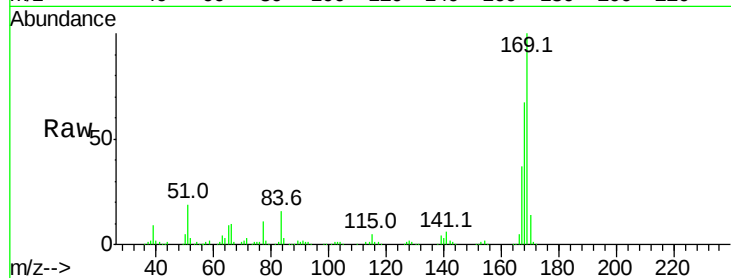




#65
n-Nitrosodiphenylamine
Concen: 25.04 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

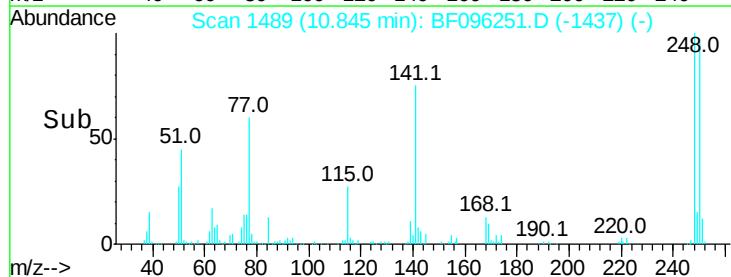
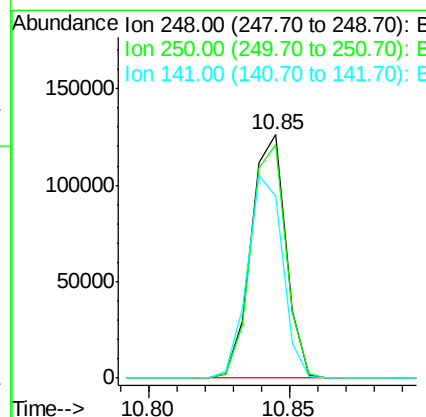
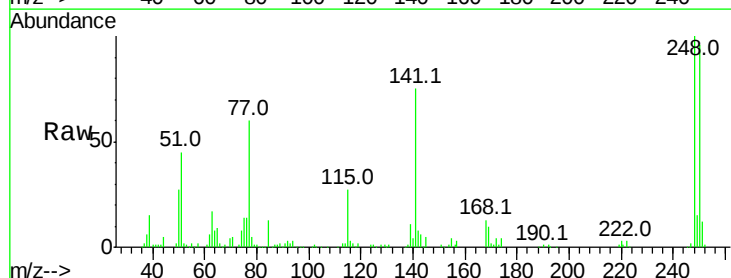
Instrument :
BNA_F
ClientSampleId :

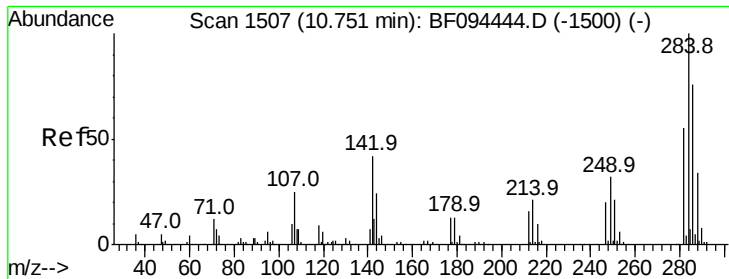
Tot Ion:169 Resp: 374480
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 36.6 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 25.24 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion:248 Resp: 107997
Ion Ratio Lower Upper
248 100
250 95.8 76.8 115.2
141 74.8 68.6 103.0





#67

Hexachlorobenzene

Concen: 25.78 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

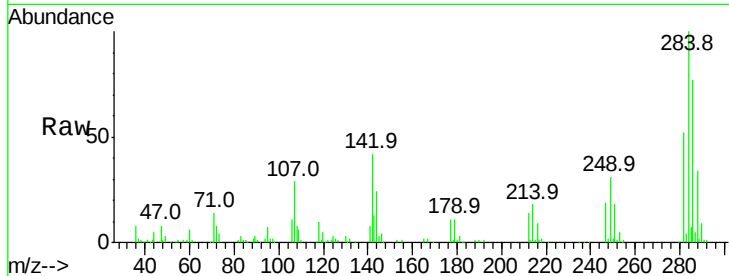
Tot Ion:284 Resp: 113419

Ion Ratio Lower Upper

284 100

142 42.2 22.8 34.2#

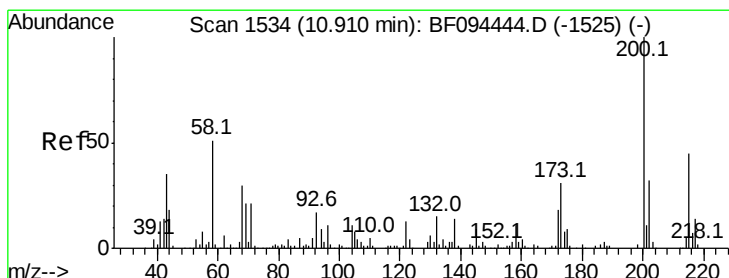
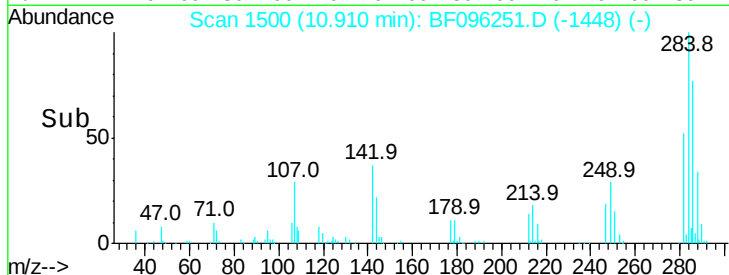
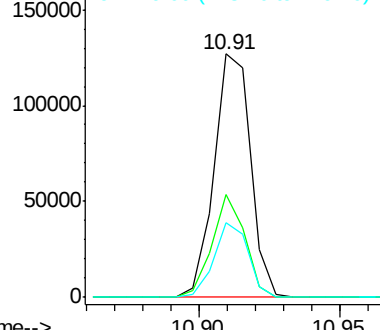
249 30.6 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 26.28 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

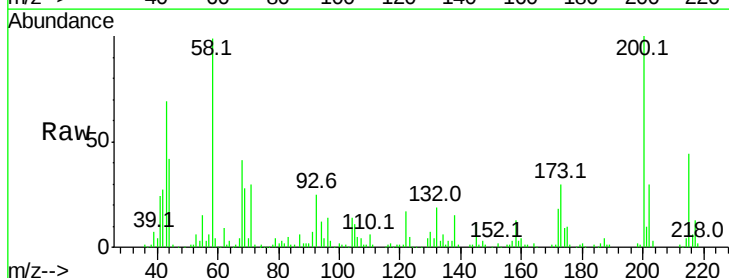
Tgt Ion:200 Resp: 103710

Ion Ratio Lower Upper

200 100

173 29.8 6.3 46.3

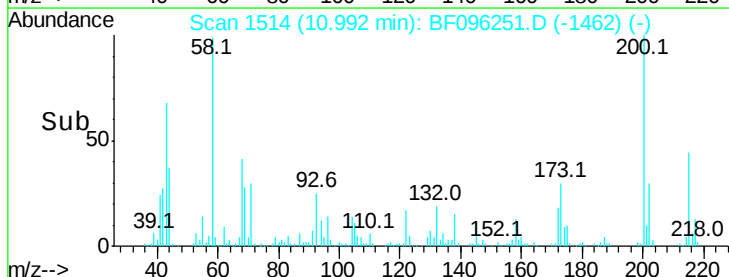
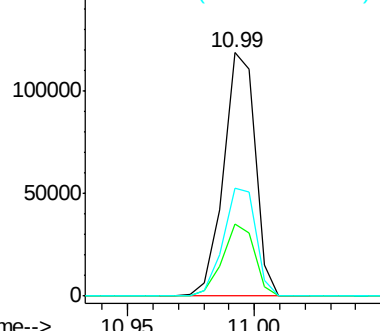
215 44.4 27.2 67.2

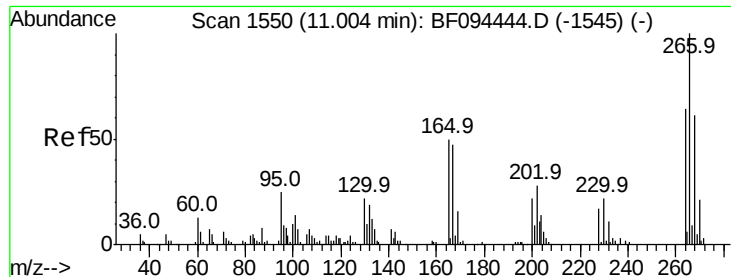


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

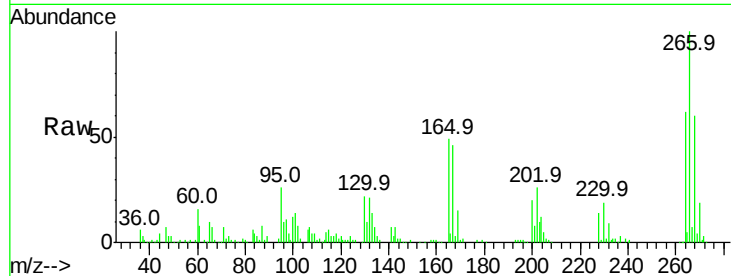




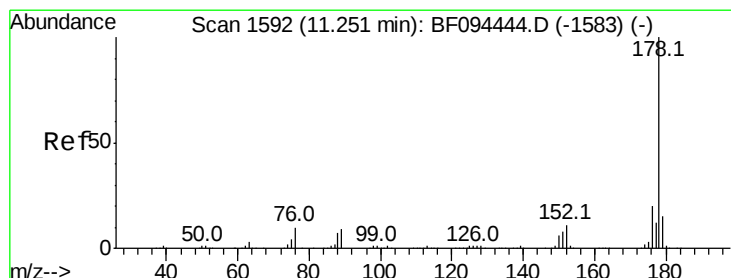
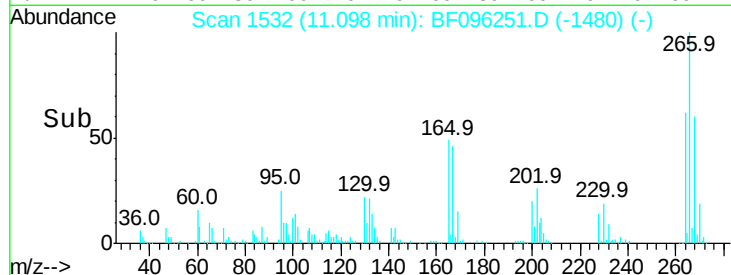
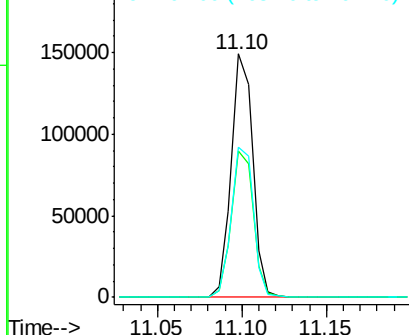
#69
 Pentachlorophenol
 Concen: 52.67 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 132253
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.1 76.7
 264 61.6 51.7 77.5

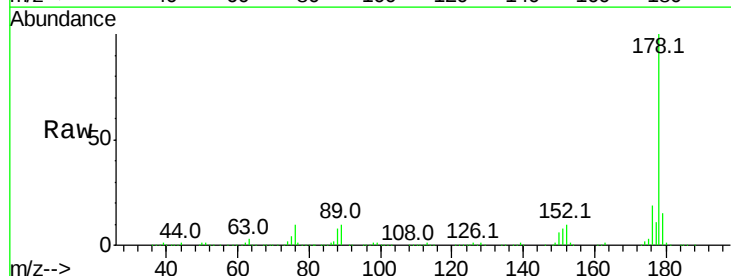


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

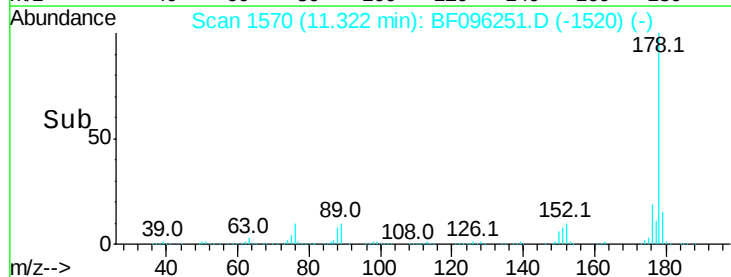
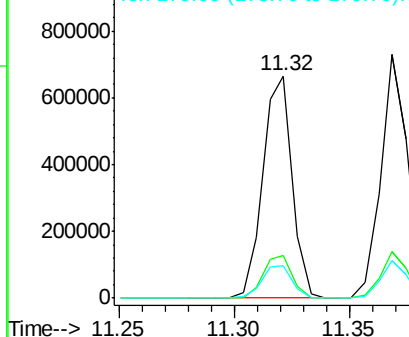


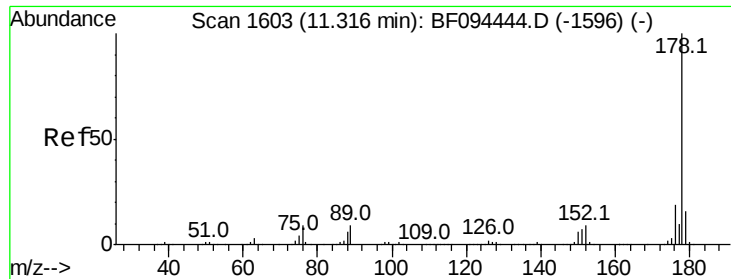
#70
 Phenanthrene
 Concen: 24.63 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion:178 Resp: 586207
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 14.9 12.6 19.0



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

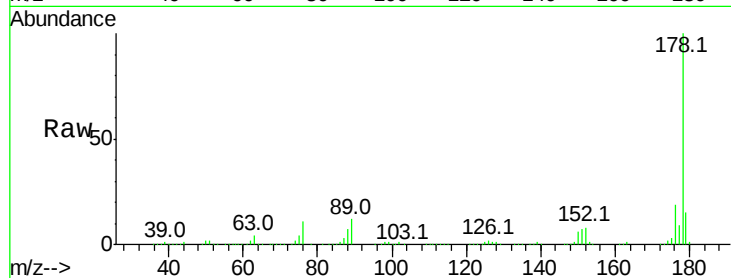




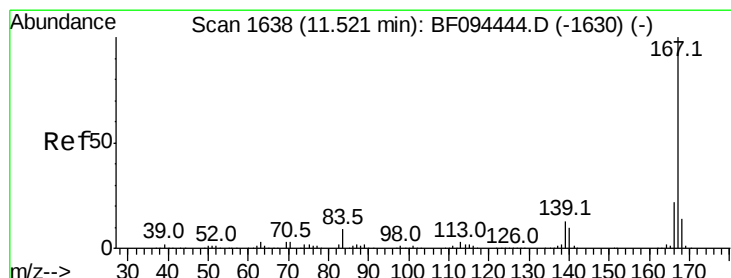
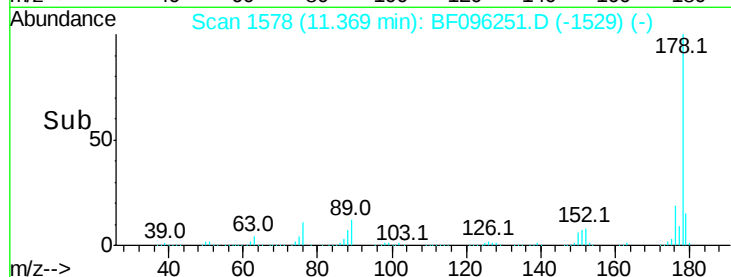
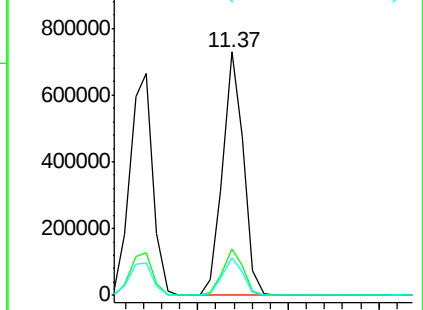
#71
 Anthracene
 Concen: 25.05 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 582232
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.5 12.7 19.1

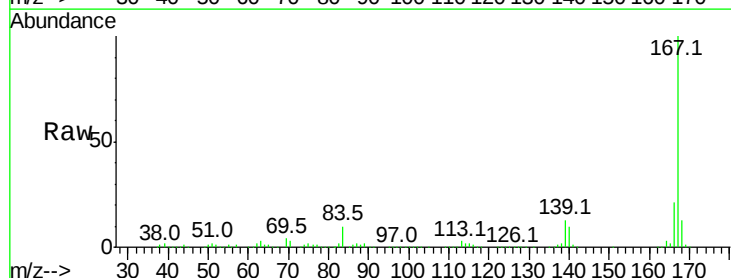


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

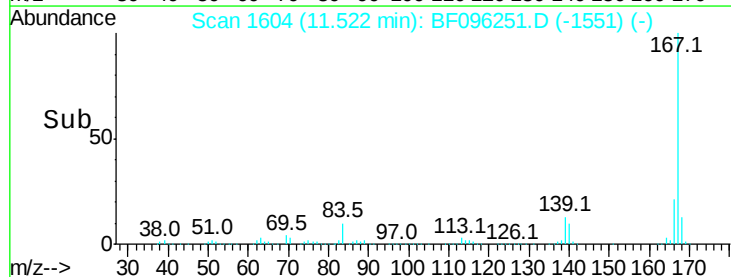
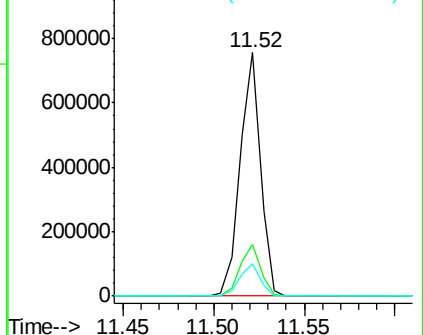


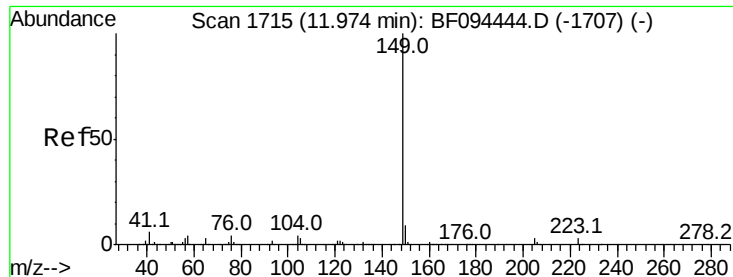
#72
 Carbazole
 Concen: 23.12 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion:167 Resp: 593102
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 13.2 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 27.79 ng

RT: 11.86 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

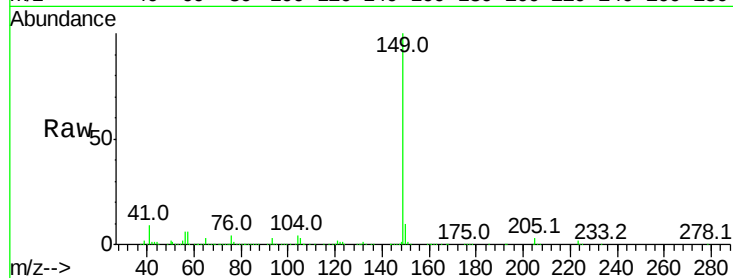
Tot Ion:149 Resp: 752810

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

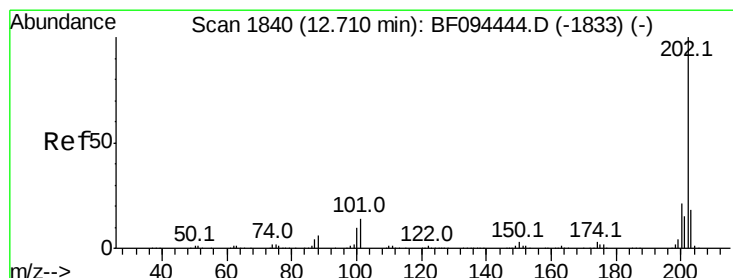
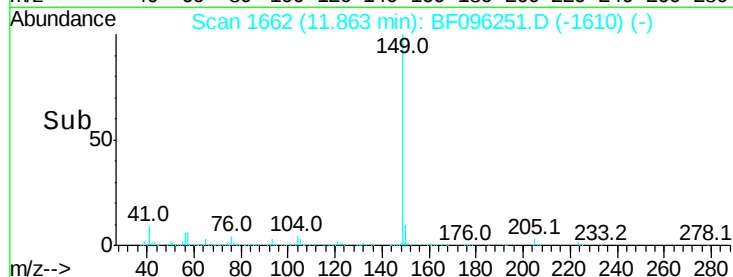
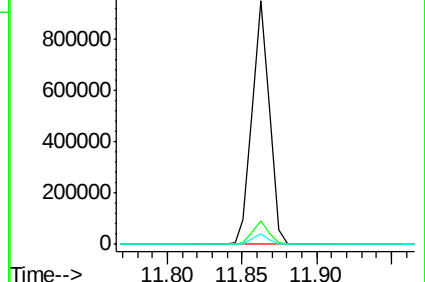
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.90 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

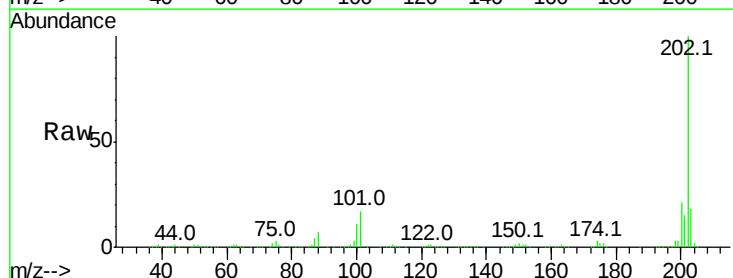
Tgt Ion:202 Resp: 575128

Ion Ratio Lower Upper

202 100

101 16.5 0.0 33.2

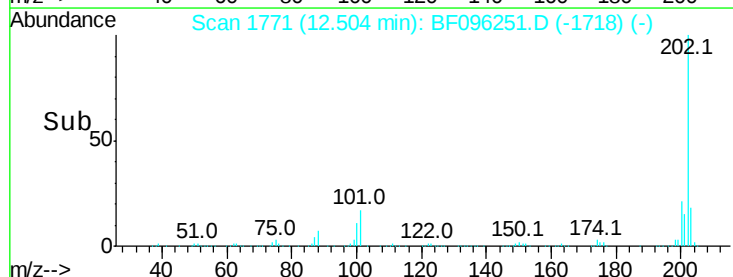
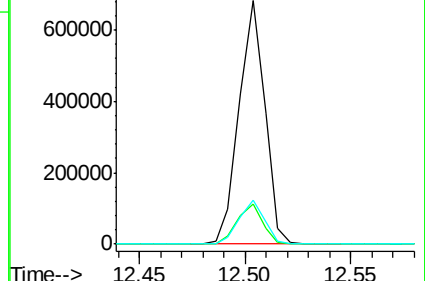
203 18.0 0.0 38.1

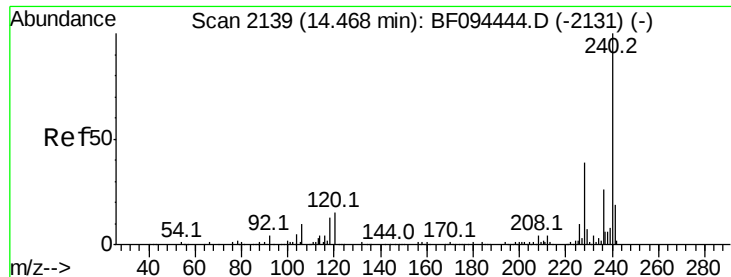


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2013

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

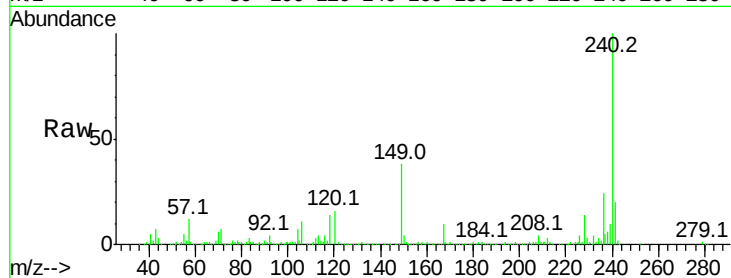
Tot Ion:240 Resp: 365547

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

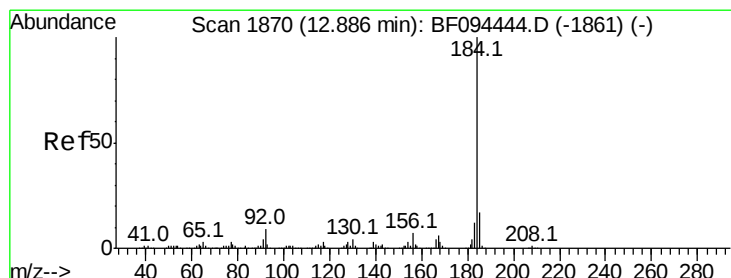
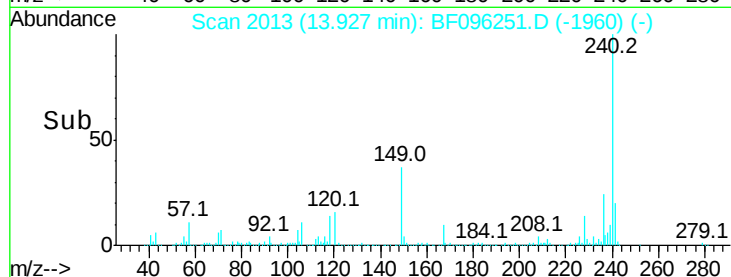
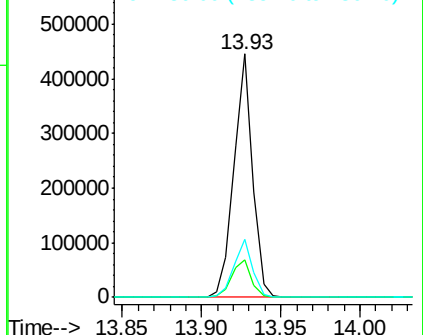
236 23.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.36 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

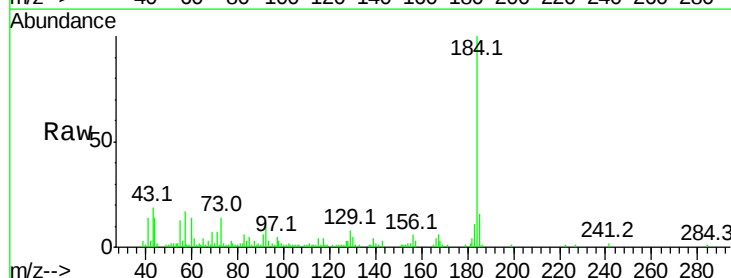
Tgt Ion:184 Resp: 59713

Ion Ratio Lower Upper

184 100

185 15.8 15.5 23.3

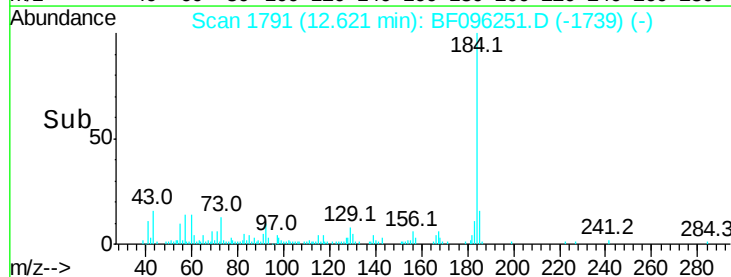
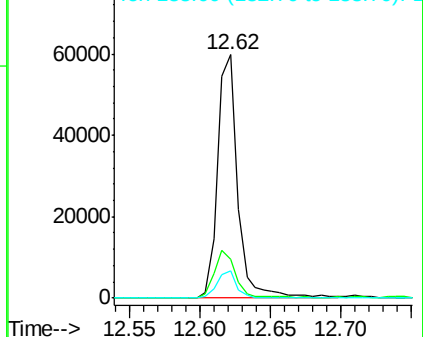
183 11.4 9.8 14.6

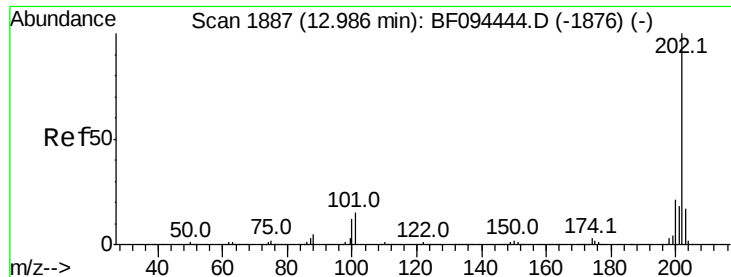


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

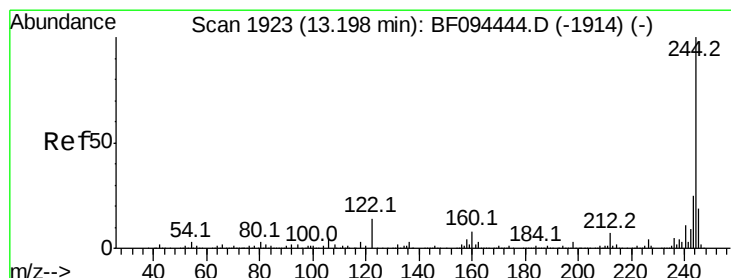
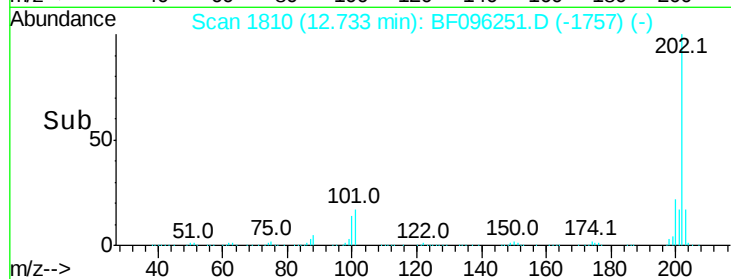
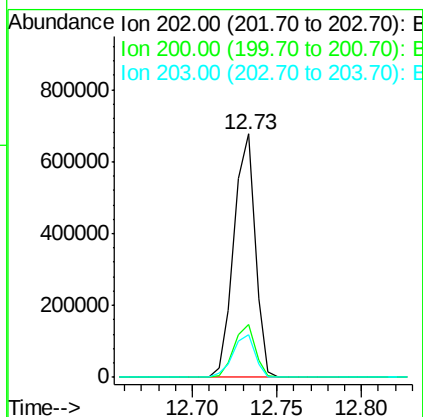
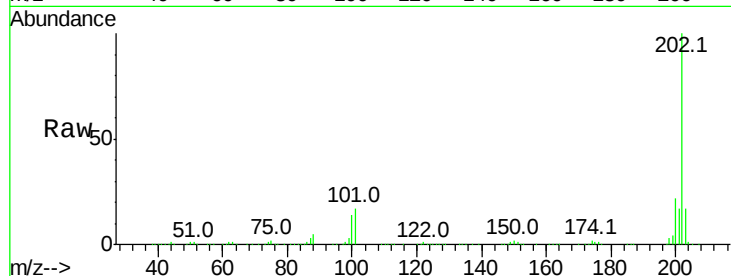




#77
Pvrene
Concen: 19.79 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

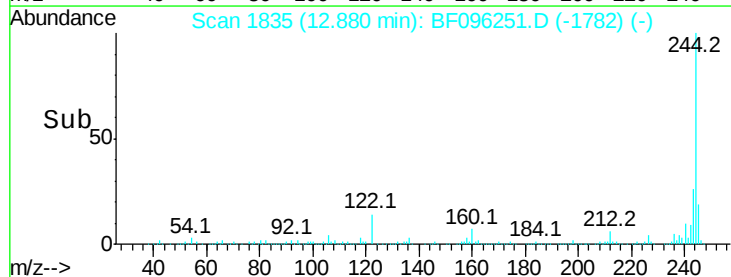
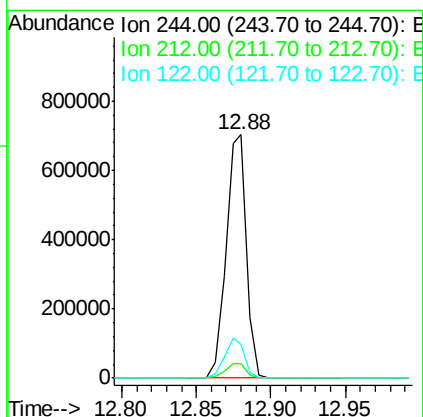
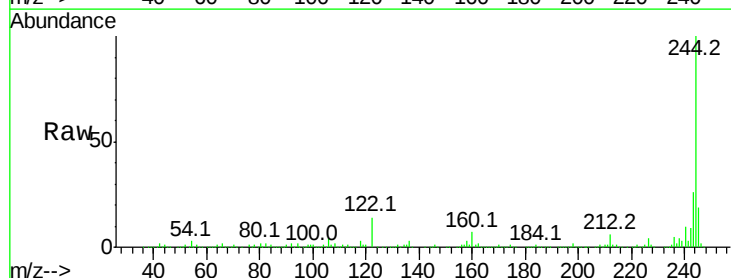
Instrument :
BNA_F
ClientSampleId :

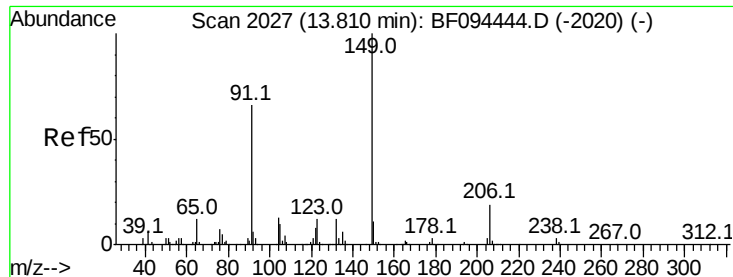
Tot Ion:202 Resp: 594643
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 46.22 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion:244 Resp: 677143
Ion Ratio Lower Upper
244 100
212 6.0 6.0 9.0
122 13.6 10.3 15.5

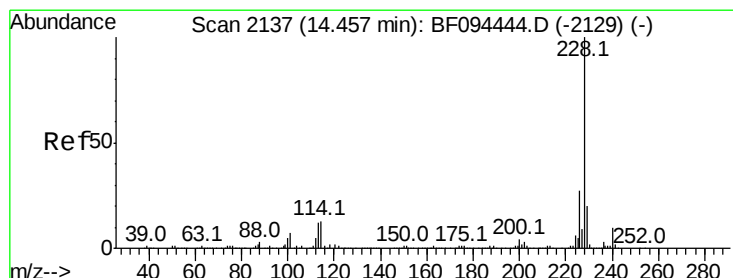
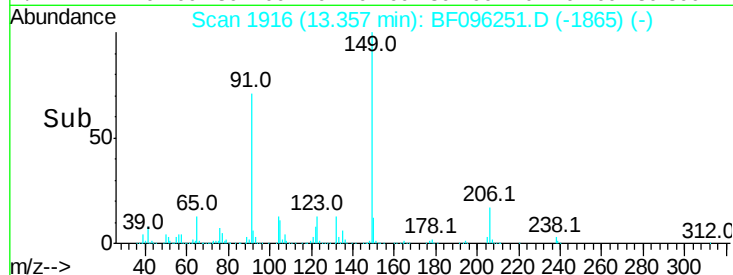
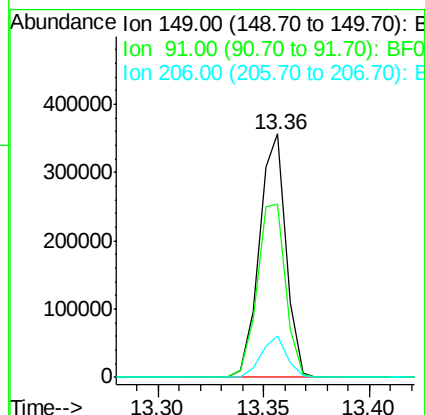
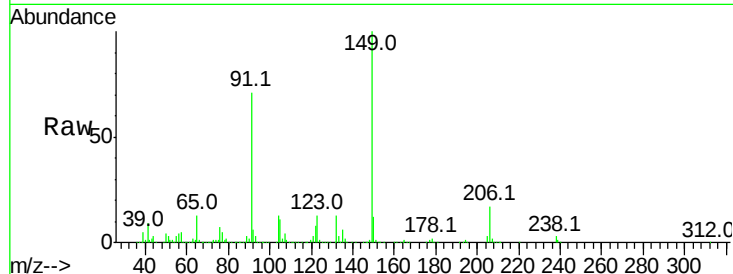




#79
Butylbenzylphthalate
Concen: 22.82 ng
RT: 13.36 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

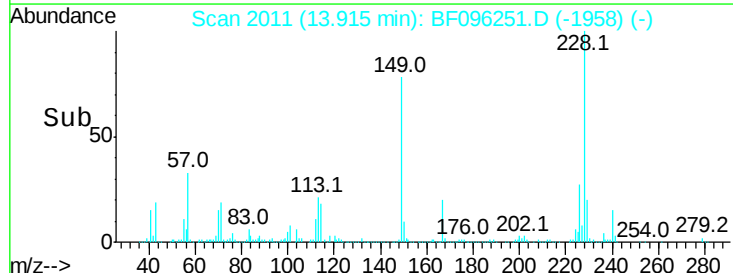
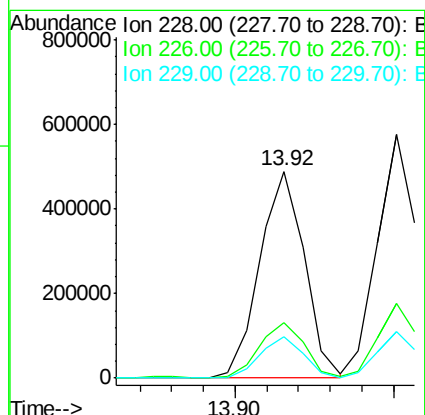
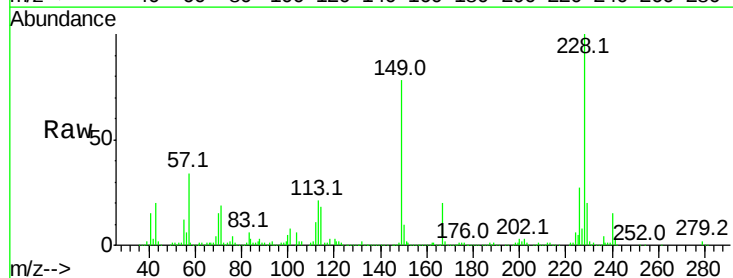
Instrument :
BNA_F
ClientSampled :

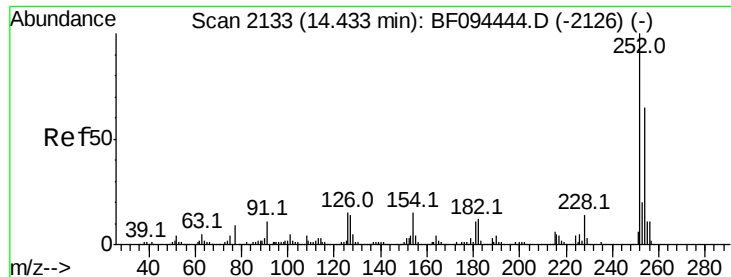
Tot Ion:149 Resp: 314125
Ion Ratio Lower Upper
149 100
91 70.9 45.0 67.4#
206 17.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 21.50 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion:228 Resp: 479072
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 20.1 16.3 24.5

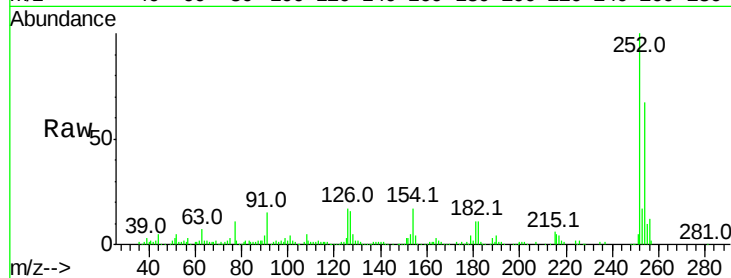




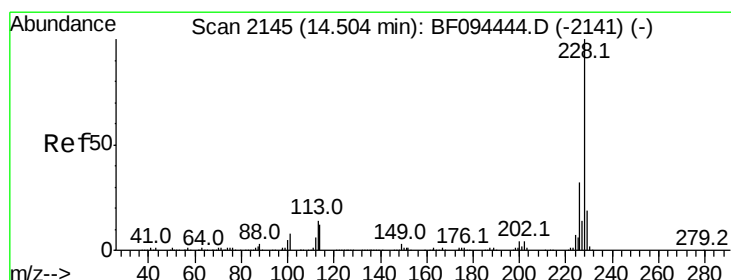
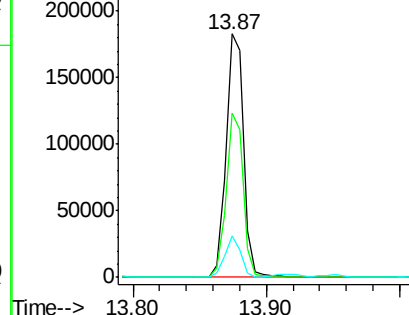
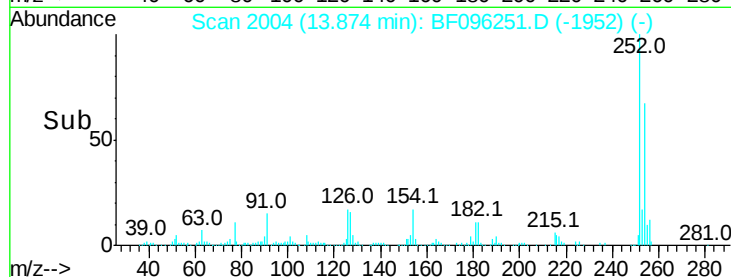
#81
 3,3'-Dichlorobenzidine
 Concen: 20.04 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.3	51.5	77.3
126	17.1	15.8	23.8

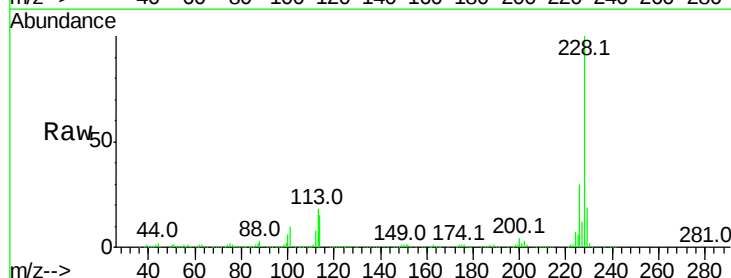


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

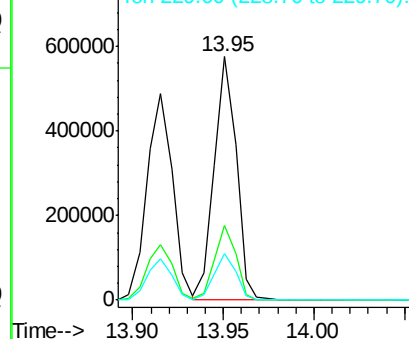
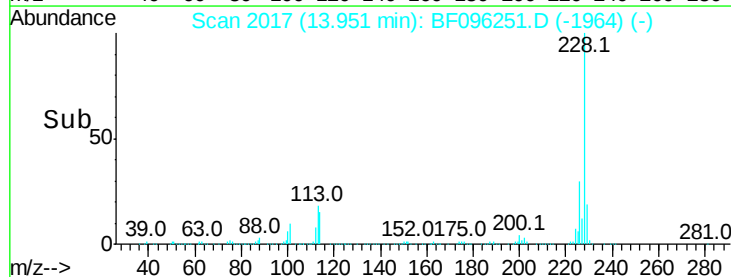


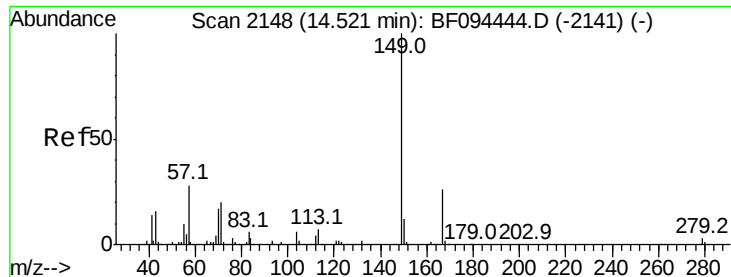
#82
 Chrysene
 Concen: 21.25 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.3	15.8	23.6



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

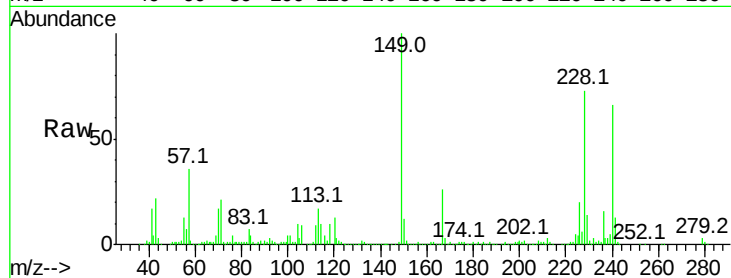




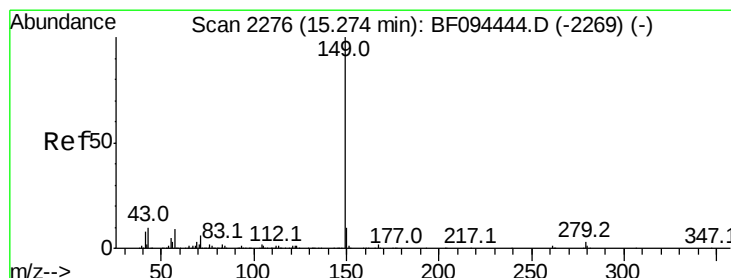
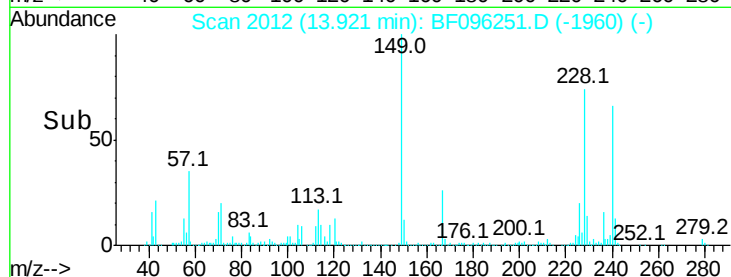
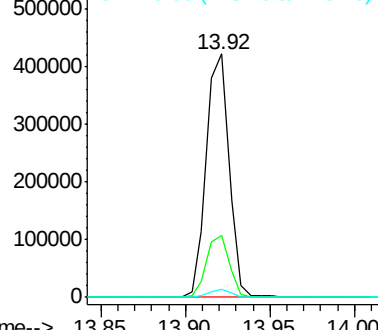
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.47 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 396019
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.0 31.4
 279 3.1 1.9 2.9#

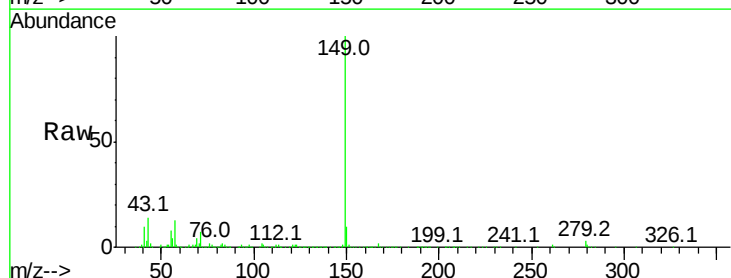


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

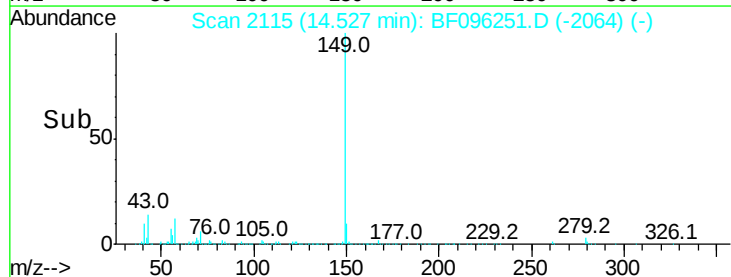
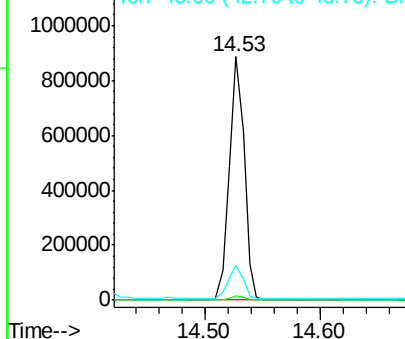


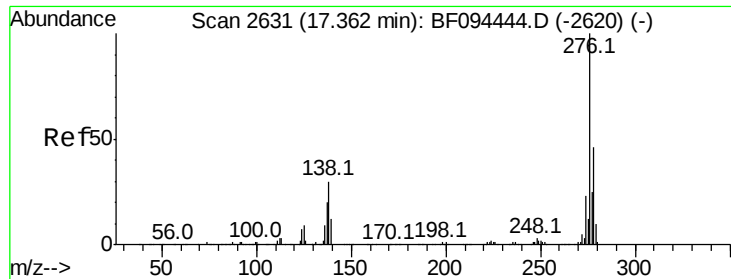
#84
 Di-n-octyl phthalate
 Concen: 25.77 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion:149 Resp: 794277
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.4 8.5 12.7#



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

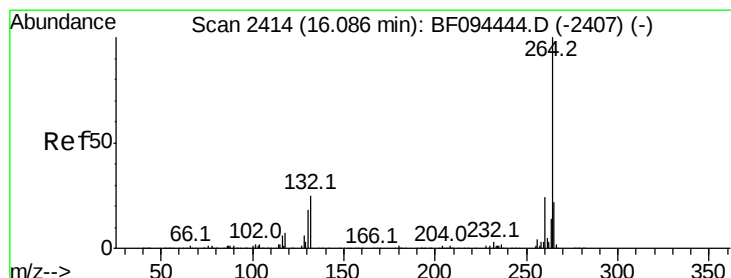
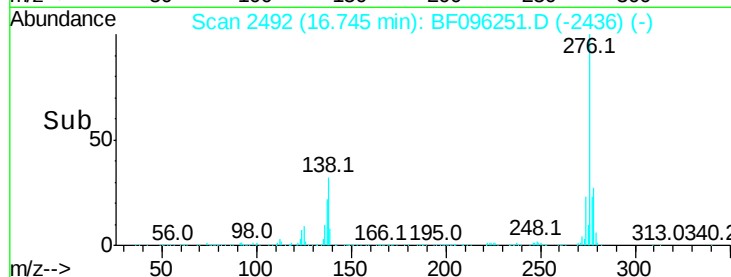
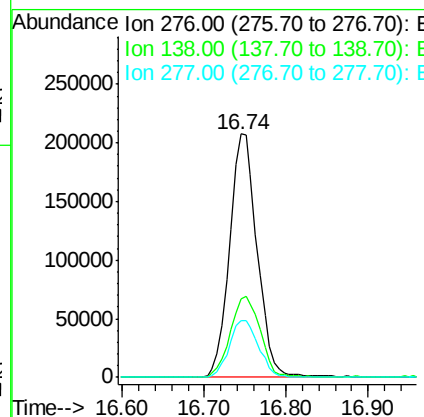
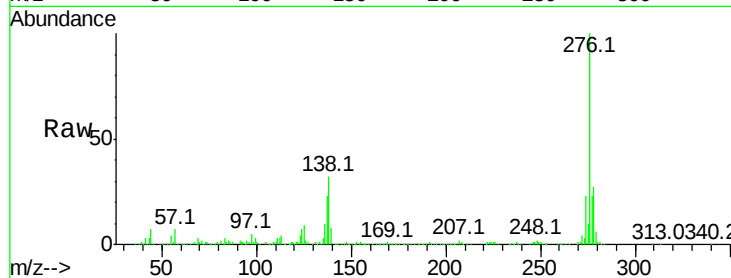




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.45 ng
 RT: 16.74 min Scan# 2492
 Delta R.T. 0.03 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

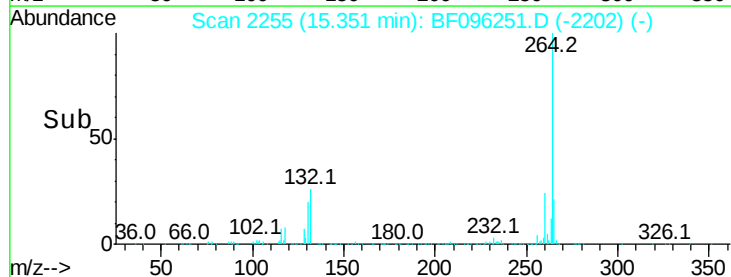
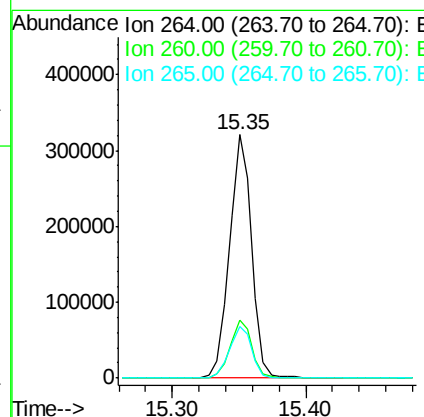
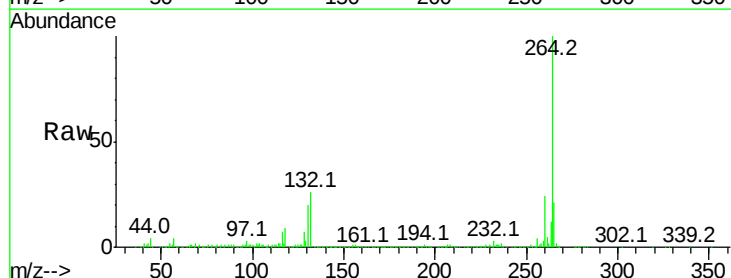
Instrument :
 BNA_F
 ClientSampled :

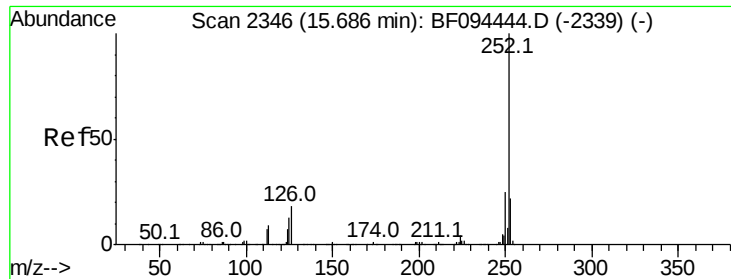
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.1	27.8	41.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 19.93 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.02 min

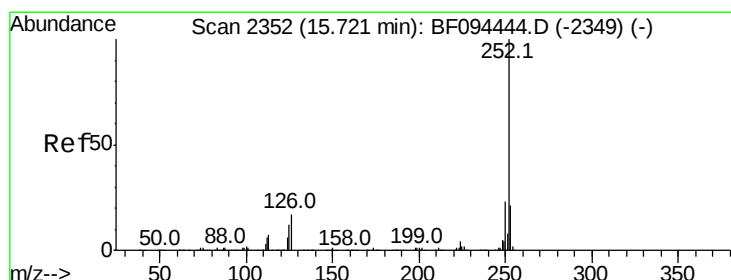
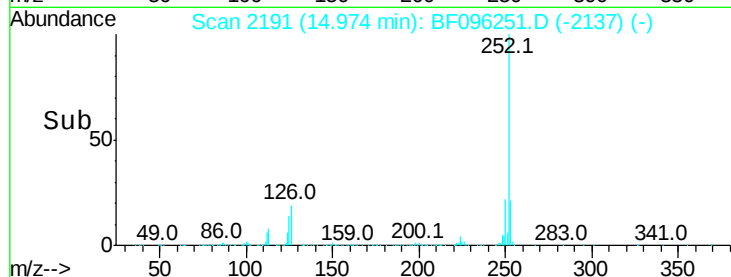
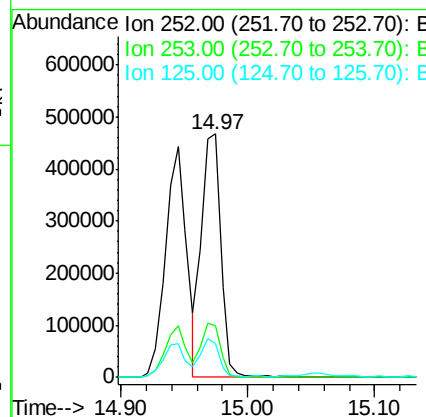
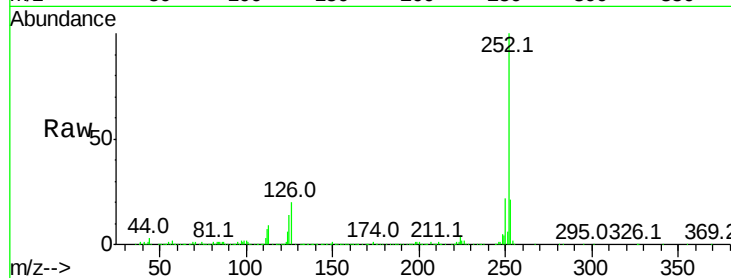
Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 491070

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	13.8	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 21.83 ng

RT: 14.97 min Scan# 2191

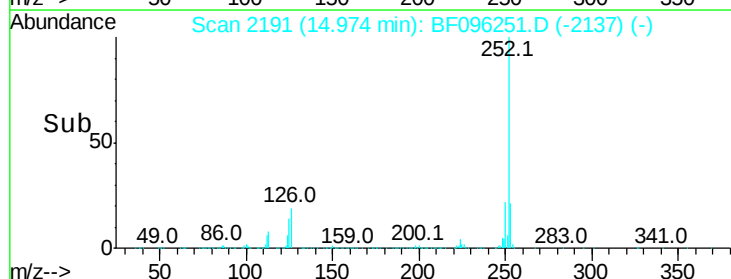
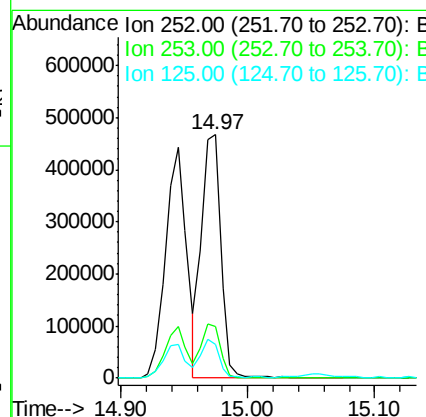
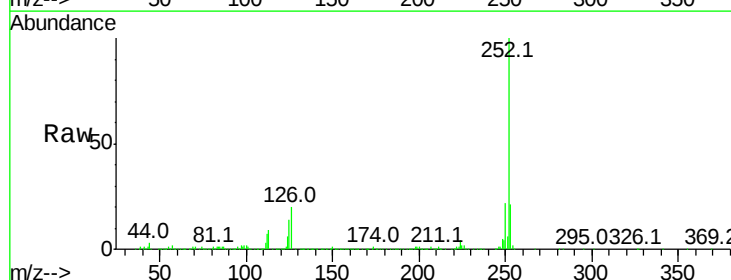
Delta R.T. 0.02 min

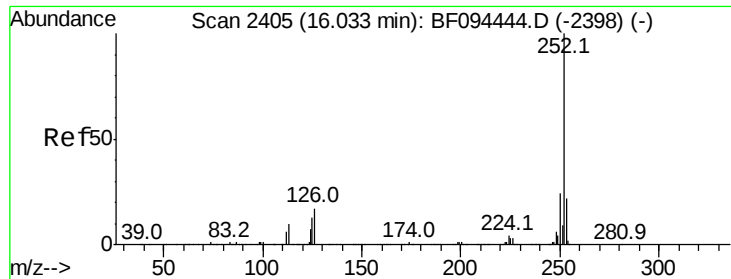
Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:252 Resp: 491070

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	13.8	13.1	19.7





#89

Benzo(a)pyrene

Concen: 21.95 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

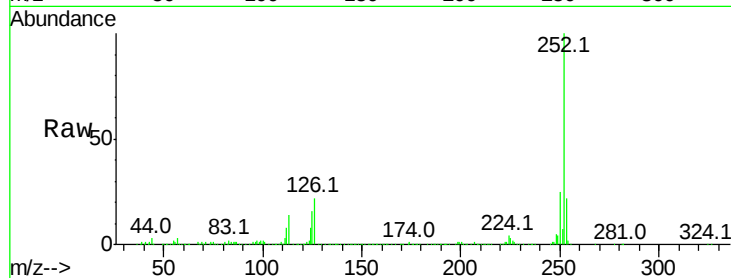
Tot Ion:252 Resp: 477577

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

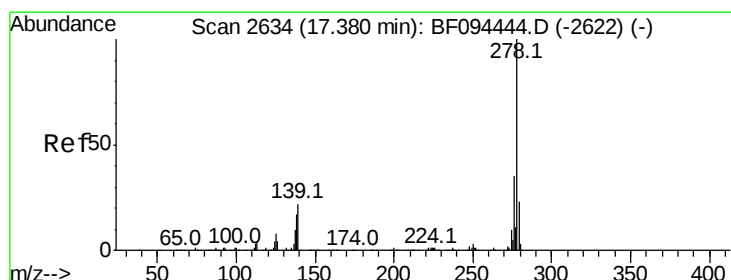
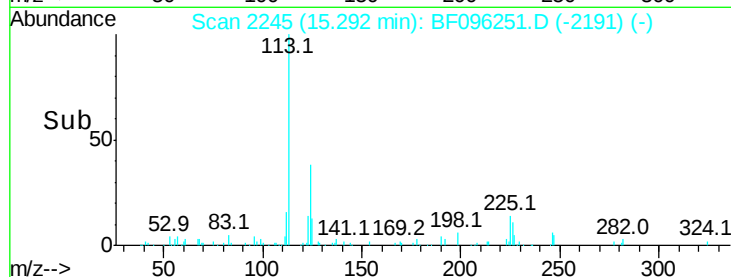
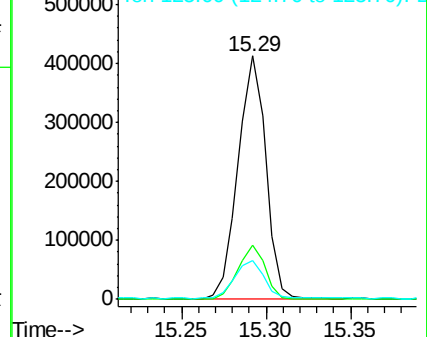
125 16.2 11.0 16.4



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: 24.07 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

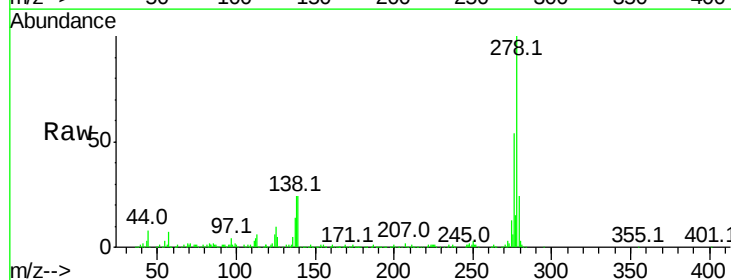
Tgt Ion:278 Resp: 410037

Ion Ratio Lower Upper

278 100

139 23.7 16.6 24.8

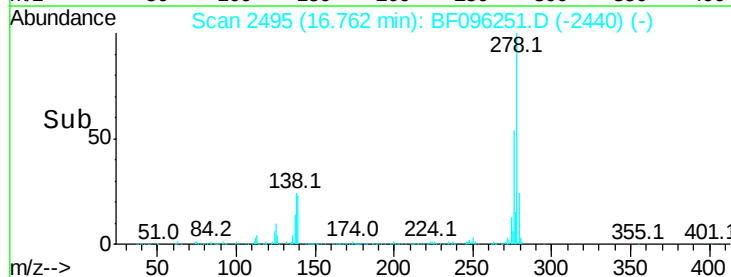
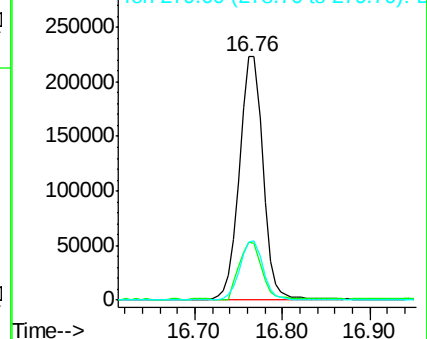
279 23.8 19.3 28.9

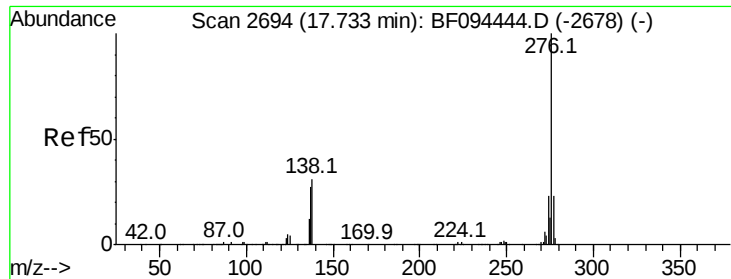


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

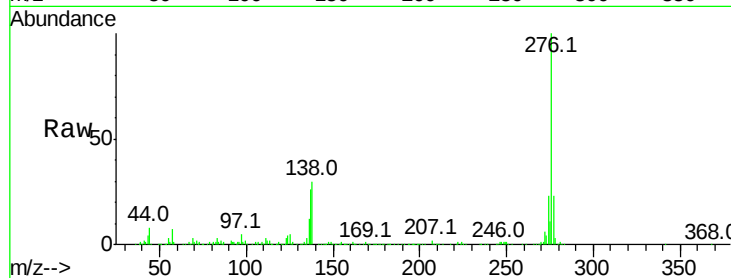




#91
 Benzo(a,h,i)perylene
 Concen: 22.23 ng
 RT: 17.17 min Scan# 2564
 Delta R.T. 0.04 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 393641
 Ion Ratio Lower Upper
 276 100
 277 22.7 18.6 28.0
 138 30.0 25.4 38.0



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

