

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096771.D
 Acq On : 14 Jul 2017 13:09
 Operator : SJ/JU
 Sample : I4159-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 16:33:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	118034	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	531294	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	212297	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	314971	20.00	ng	0.00
75) Chrysene-d12	13.77	240	198701	20.00	ng	0.00
86) Perylene-d12	15.16	264	221814	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	755632	96.26	ng	0.02
7) Phenol-d6	6.29	99	829882	88.09	ng	0.00
23) Nitrobenzene-d5	7.20	82	539908	62.95	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	134142	74.02	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	891354	66.33	ng	0.00
78) Terphenyl-d14	12.73	244	505467	44.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	105862	26.208	ng	# 77
3) Pyridine	2.96	79	262924	30.972	ng	# 63
4) n-Nitrosodimethylamine	2.90	42	159654	33.630	ng	# 82
6) Aniline	6.30	93	264010	22.752	ng	# 1
8) 2-Chlorophenol	6.43	128	252587	29.826	ng	# 98
9) Benzaldehyde	6.18	77	142757	26.218	ng	# 99
10) Phenol	6.30	94	321280	30.169	ng	# 76
11) bis(2-Chloroethyl)ether	6.38	93	244128	30.484	ng	# 91
12) 1,3-Dichlorobenzene	6.58	146	266907	29.649	ng	# 98
13) 1,4-Dichlorobenzene	6.66	146	275063	30.172	ng	# 97
14) 1,2-Dichlorobenzene	6.81	146	275970	33.282	ng	# 97
15) Benzyl Alcohol	6.79	79	217891	35.329	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	571467	34.577	ng	# 91
17) 2-Methylphenol	6.90	107	218775	33.220	ng	# 99
18) Hexachloroethane	7.15	117	102838	31.812	ng	# 83
19) n-Nitroso-di-n-propylamine	7.06	70	181093	31.908	ng	# 82
20) 3+4-Methylphenols	7.06	107	264003	33.036	ng	# 82
22) Acetophenone	7.05	105	364186	30.669	ng	# 96
24) Nitrobenzene	7.22	77	277097	31.236	ng	# 92
25) Isophorone	7.46	82	506352	31.733	ng	# 98
26) 2-Nitrophenol	7.54	139	140708	28.526	ng	# 89
27) 2,4-Dimethylphenol	7.59	122	246019	30.317	ng	# 97
28) bis(2-Chloroethoxy)methane	7.68	93	341395	31.663	ng	# 99
29) 2,4-Dichlorophenol	7.79	162	223886	30.479	ng	# 99
30) 1,2,4-Trichlorobenzene	7.86	180	208931	29.915	ng	# 97
31) Naphthalene	7.95	128	771758	30.664	ng	# 100
32) Benzoic acid	7.59	122	246019	47.434	ng	# 11
33) 4-Chloroaniline	7.99	127	225546	22.618	ng	# 96
34) Hexachlorobutadiene	8.07	225	110401	29.611	ng	# 98
35) Caprolactam	8.35	113	39307	16.701	ng	# 63
36) 4-Chloro-3-methylphenol	8.48	107	228305	28.906	ng	# 87
37) 2-Methylnaphthalene	8.63	142	490079	30.543	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	178990	31.189	ng	# 99
40) Hexachlorocyclopentadiene	8.79	237	99520	48.219	ng	# 99

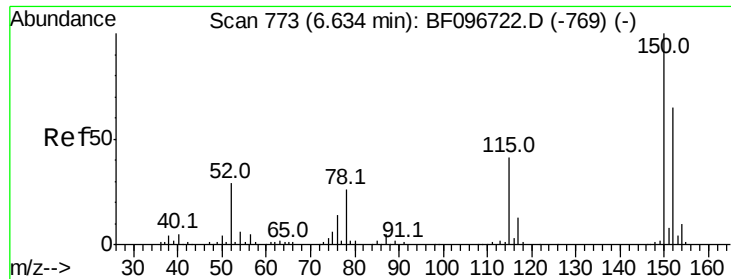
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071417\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	122801	29.009	ng	98
43) 2,4,5-Trichlorophenol	8.96	196	126151	29.548	ng	95
45) 1,1'-Biphenyl	9.10	154	565602	31.064	ng	98
46) 2-Chloronaphthalene	9.12	162	439035	32.746	ng	95
47) 2-Nitroaniline	9.22	65	161019	34.939	ng	93
48) Acenaphthylene	9.53	152	680183	31.841	ng	99
49) Dimethylphthalate	9.40	163	614073	38.415	ng	99
50) 2,6-Dinitrotoluene	9.46	165	112647	32.534	ng	# 90
51) Acenaphthene	9.70	154	365226	28.942	ng	98
52) 3-Nitroaniline	9.62	138	118094	28.791	ng	91
53) 2,4-Dinitrophenol	9.75	184	142	6.817	ng	# 23
54) Dibenzofuran	9.87	168	592072	33.481	ng	99
55) 4-Nitrophenol	9.80	139	134251	44.801	ng	# 72
56) 2,4-Dinitrotoluene	9.86	165	134687	30.272	ng	# 77
57) Fluorene	10.22	166	420388	32.170	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	73326	24.765	ng	97
59) Diethylphthalate	10.10	149	480460	30.875	ng	100
60) 4-Chlorophenyl-phenylether	10.21	204	179373	30.374	ng	97
61) 4-Nitroaniline	10.23	138	112564	29.224	ng	90
62) Azobenzene	10.37	77	464716	33.851	ng	93
64) 4,6-Dinitro-2-methylphenol	10.27	198	4700	2.377	ng	# 79
65) n-Nitrosodiphenylamine	10.33	169	393563	34.955	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	109089	33.923	ng	97
67) Hexachlorobenzene	10.77	284	110910	30.967	ng	# 92
68) Atrazine	10.86	200	111426	34.737	ng	93
69) Pentachlorophenol	10.96	266	46389	26.811	ng	98
70) Phenanthrene	11.17	178	551382	32.196	ng	99
71) Anthracene	11.22	178	557180	32.178	ng	98
72) Carbazole	11.38	167	501192	29.889	ng	98
73) Di-n-butylphthalate	11.72	149	670036	32.085	ng	99
74) Fluoranthene	12.35	202	462227	28.197	ng	96
76) Benzidine	12.47	184	226228	34.753	ng	# 93
77) Pyrene	12.58	202	457338	25.361	ng	98
79) Butylbenzylphthalate	13.21	149	223391	52.144	ng	# 87
80) Benzo(a)anthracene	13.76	228	367726	29.702	ng	100
81) 3,3'-Dichlorobenzidine	13.73	252	114859	25.799	ng	97
82) Chrysene	13.80	228	367347	30.140	ng	98
83) Bis(2-ethylhexyl)phthalate	13.77	149	287685	27.571	ng	100
84) Di-n-octyl phthalate	14.38	149	526136	30.504	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.47	276	420780	37.424	ng	98
87) Benzo(b)fluoranthene	14.77	252	380528	28.445	ng	97
88) Benzo(k)fluoranthene	14.77	252	380528	30.038	ng	96
89) Benzo(a)pyrene	15.10	252	375249	30.583	ng	98
90) Dibenzo(a,h)anthracene	16.49	278	344847	30.544	ng	96
91) Benzo(g,h,i)perylene	16.87	276	367975	30.436	ng	99

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

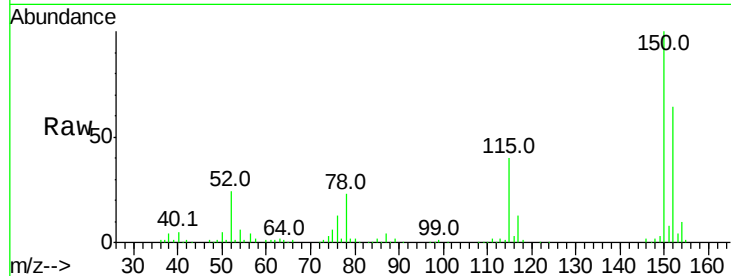


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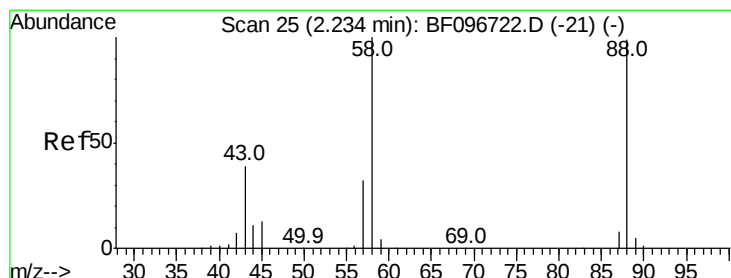
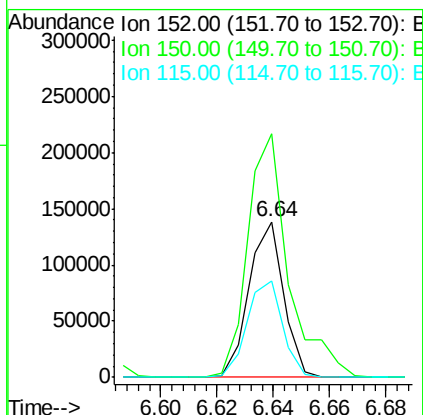
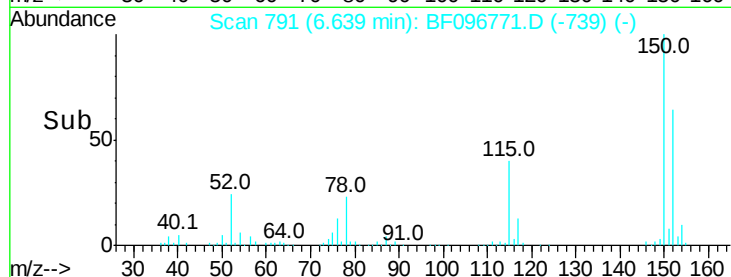
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118034
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 62.1 52.2 78.2



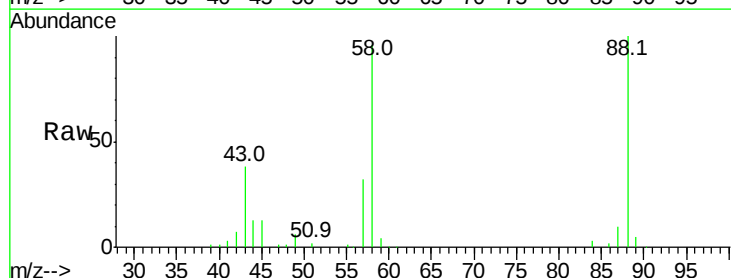
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



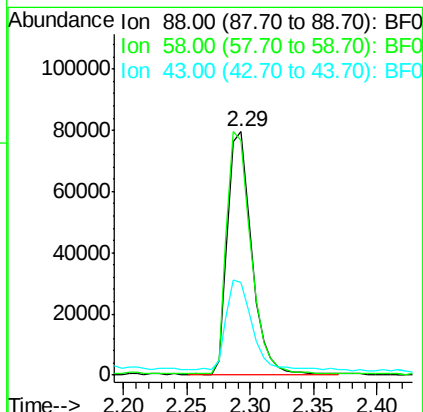
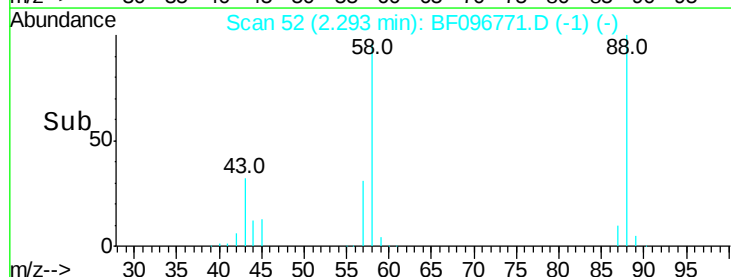
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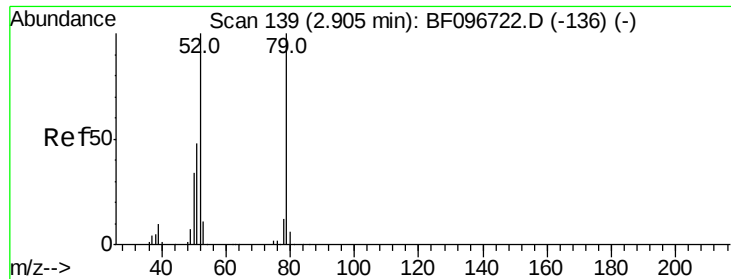
1,4-Dioxane
Concen: 26.208 ng
RT: 2.29 min Scan# 52
Delta R.T. 0.06 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion: 88 Resp: 105862
Ion Ratio Lower Upper
88 100
58 99.2 61.4 92.0#
43 37.8 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: 30.972 ng

RT: 2.96 min Scan# 166

Delta R.T. 0.06 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

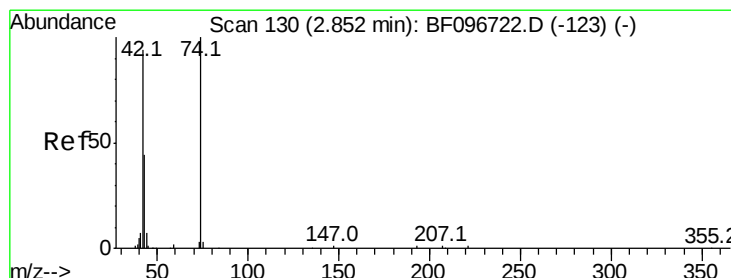
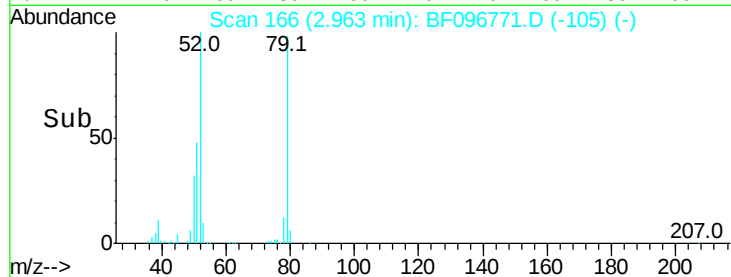
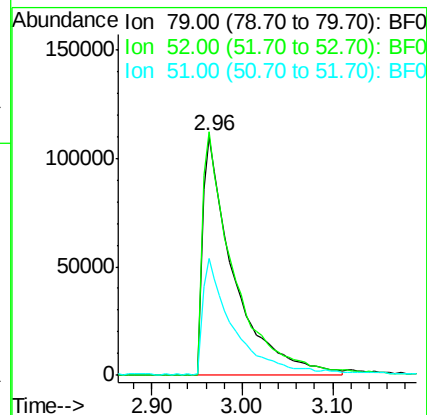
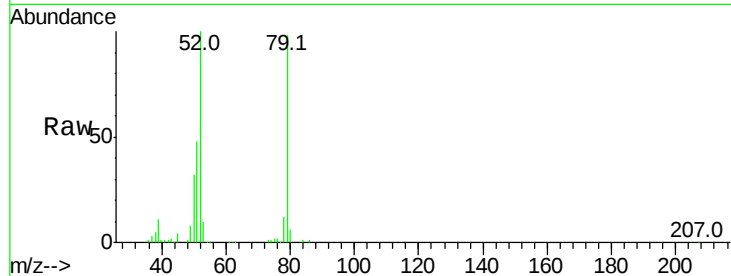
Tot Ion: 79 Resp: 262924

Ion Ratio Lower Upper

79 100

52 101.9 54.8 82.2#

51 49.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 33.630 ng

RT: 2.90 min Scan# 155

Delta R.T. 0.05 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

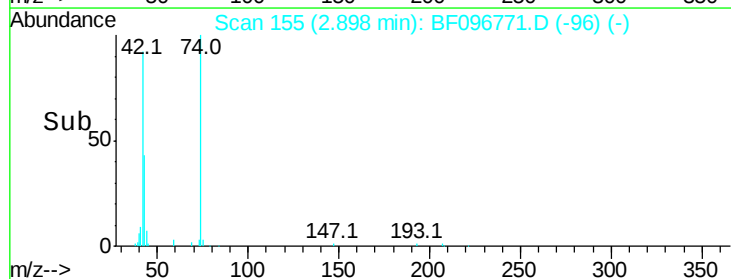
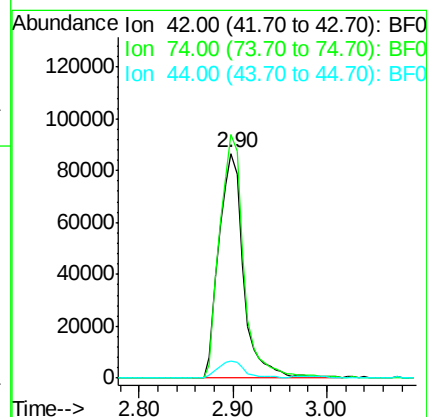
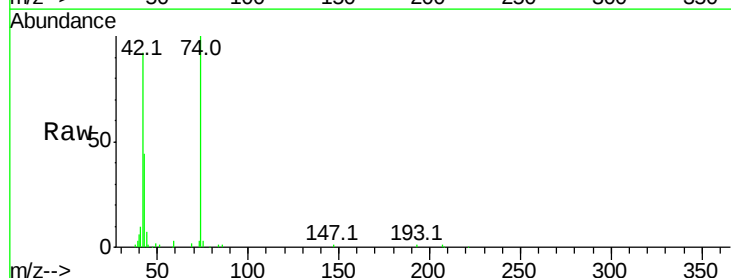
Tgt Ion: 42 Resp: 159654

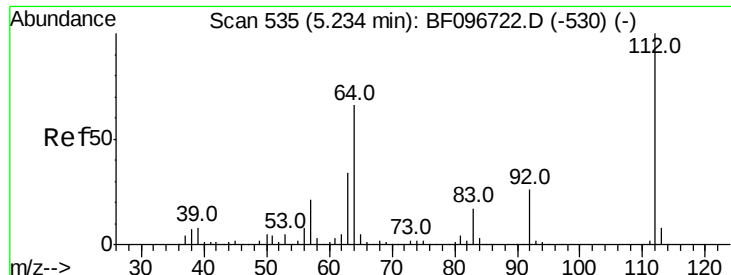
Ion Ratio Lower Upper

42 100

74 108.3 103.9 155.9

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 96.257 ng

RT: 5.25 min Scan# 555

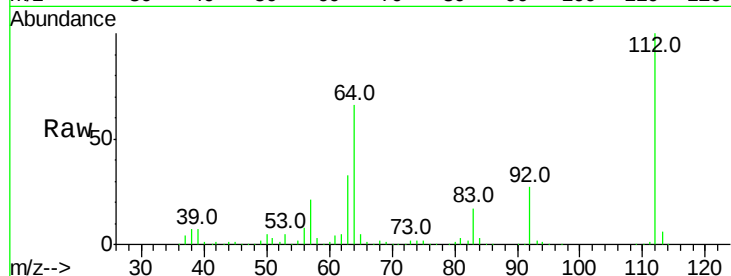
Delta R.T. 0.02 min

Lab File: BF096771.D

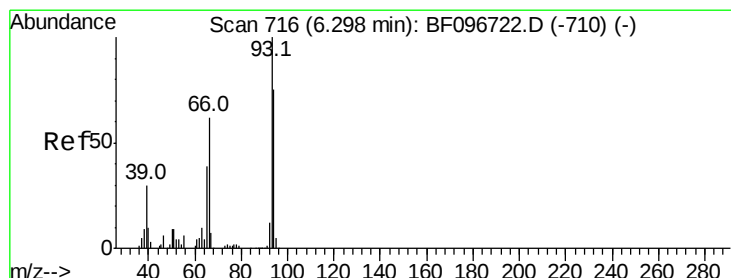
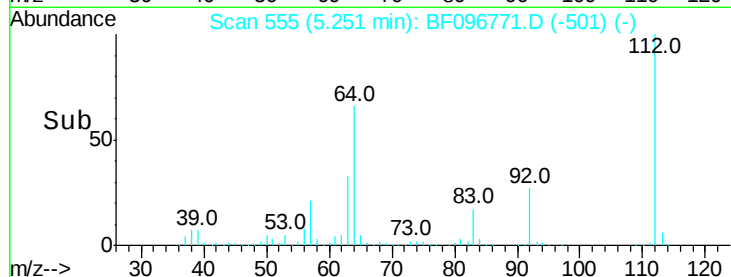
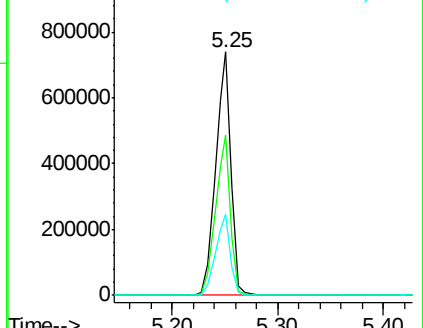
Acq: 14 Jul 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	755632
Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	33.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 22.752 ng

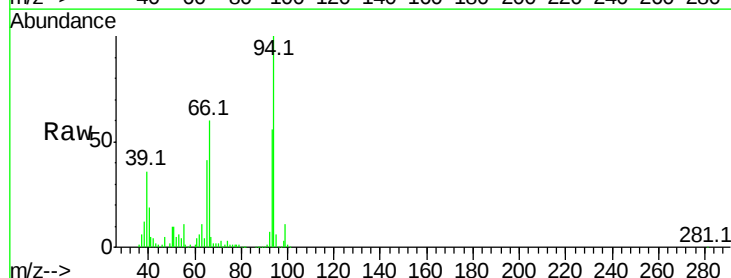
RT: 6.30 min Scan# 733

Delta R.T. -0.00 min

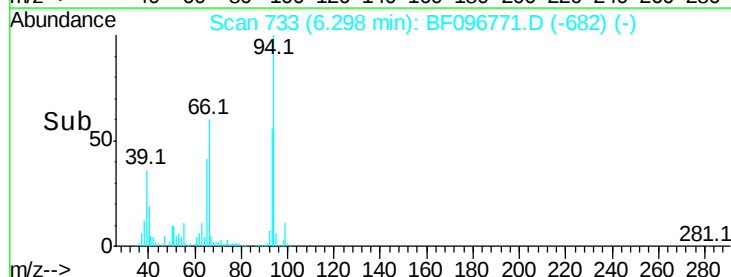
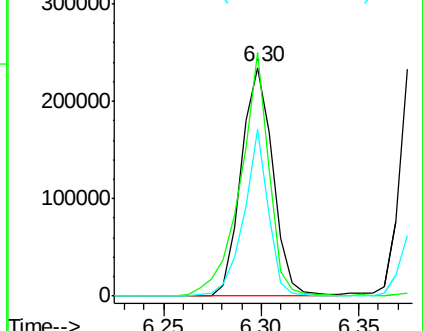
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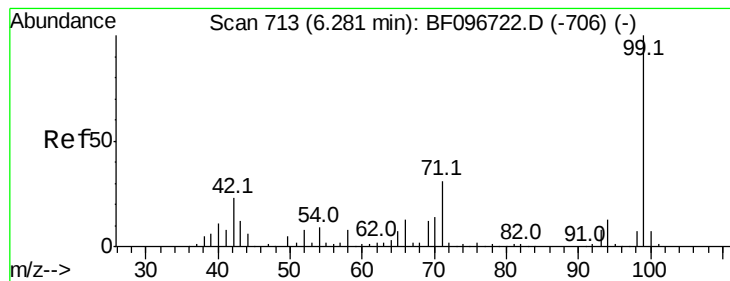
Acq: 14 Jul 2017 13:09

Tgt Ion:	93	Resp:	264010
Ion	Ratio	Lower	Upper
93	100		
66	106.5	32.9	49.3#
65	72.9	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 88.094 ng

RT: 6.29 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

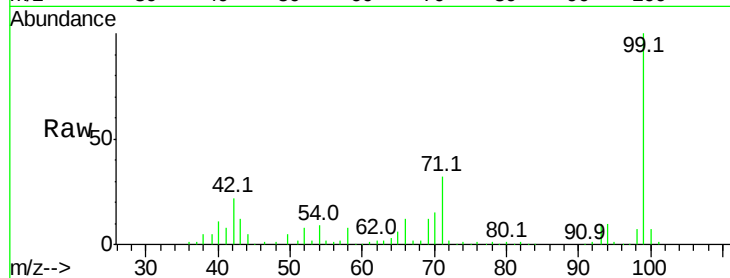
Instrument :

BNA_F

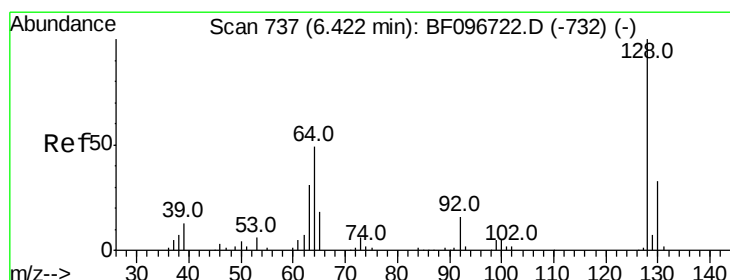
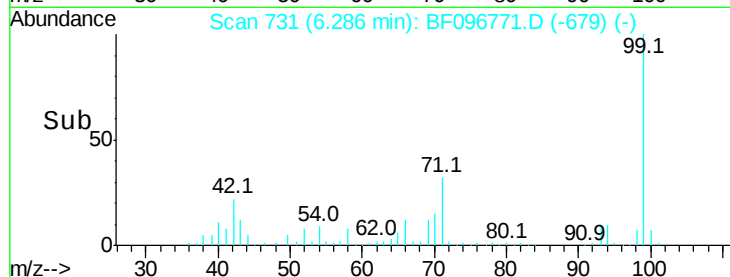
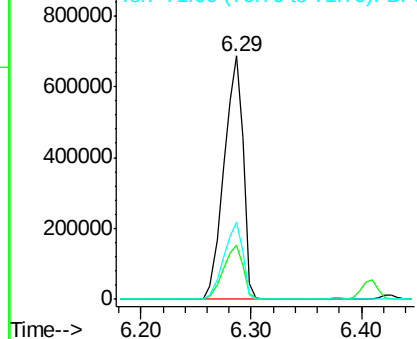
ClientSampled :

Tot Ion: 99 Resp: 829882

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	31.8	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: 29.826 ng

RT: 6.43 min Scan# 755

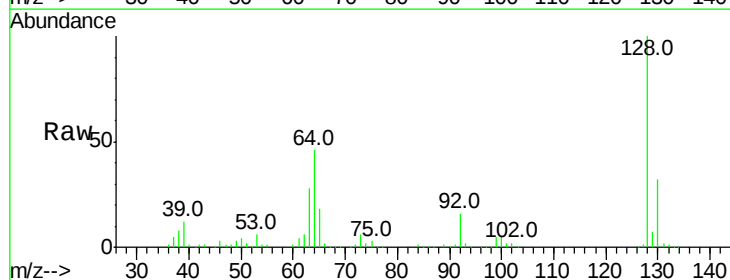
Delta R.T. 0.01 min

Lab File: BF096771.D

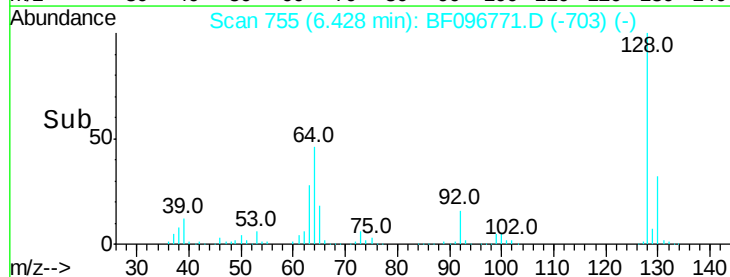
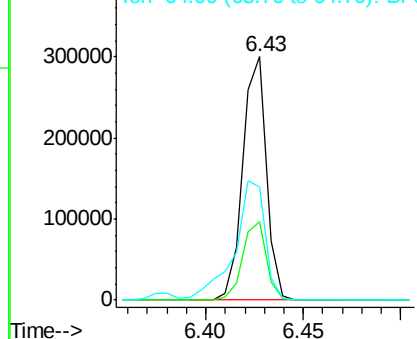
Acq: 14 Jul 2017 13:09

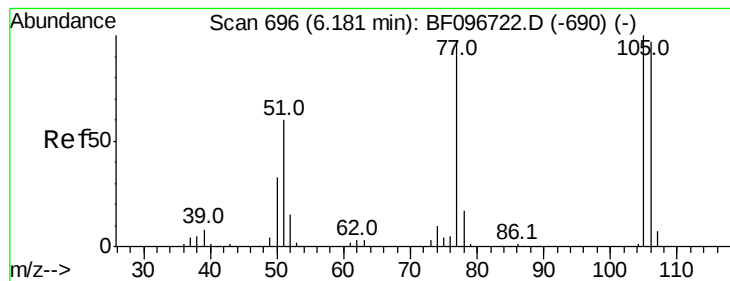
Tgt Ion: 128 Resp: 252587

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	46.2	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: 26.218 ng

RT: 6.18 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

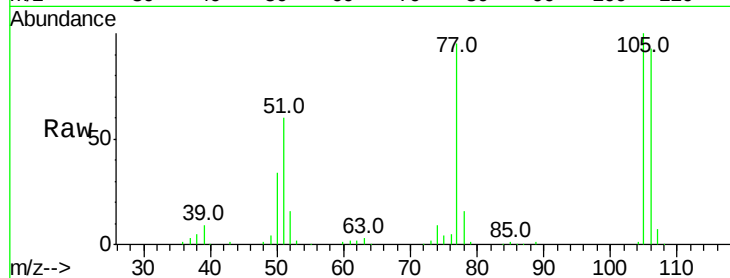
Tot Ion: 77 Resp: 142757

Ion	Ratio	Lower	Upper
77	100		
105	105.0	83.8	123.8
106	98.1	79.1	119.1

77 100

105 105.0 83.8 123.8

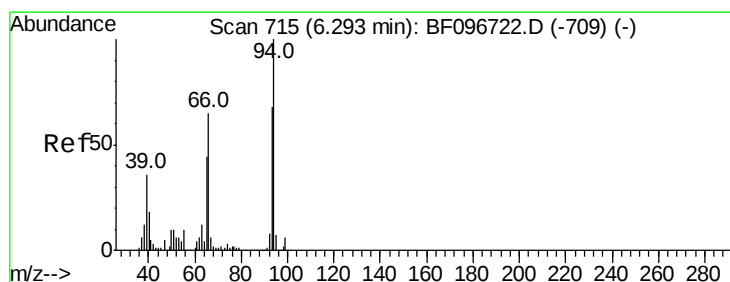
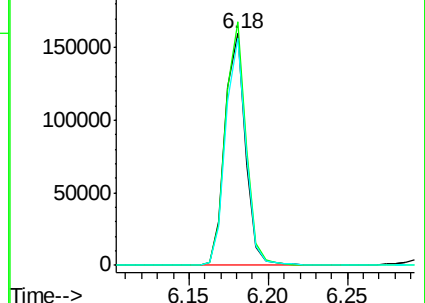
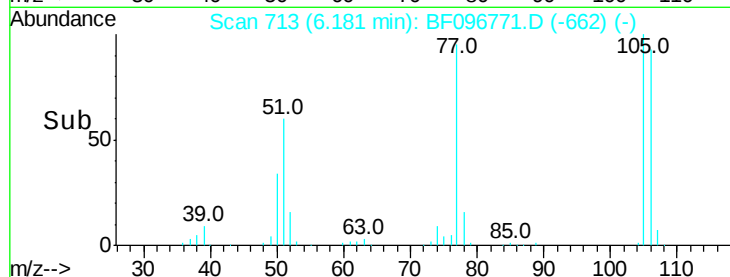
106 98.1 79.1 119.1



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: 30.169 ng

RT: 6.30 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

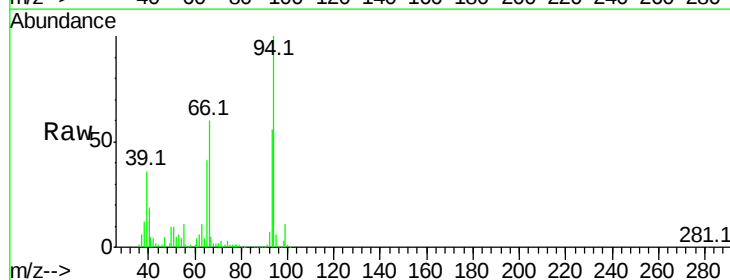
Tgt Ion: 94 Resp: 321280

Ion	Ratio	Lower	Upper
94	100		
65	40.9	9.9	49.9
66	59.7	23.1	63.1

94 100

65 40.9 9.9 49.9

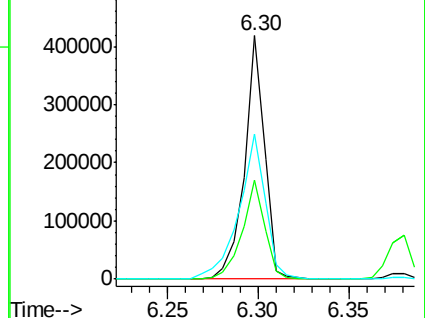
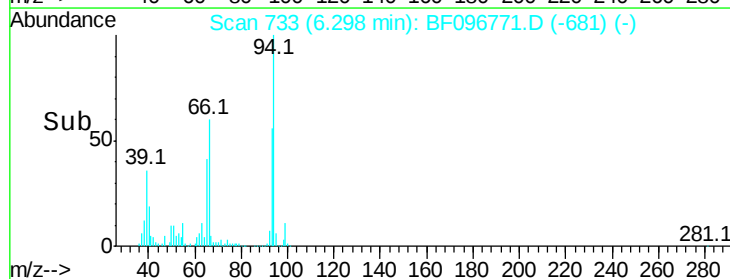
66 59.7 23.1 63.1

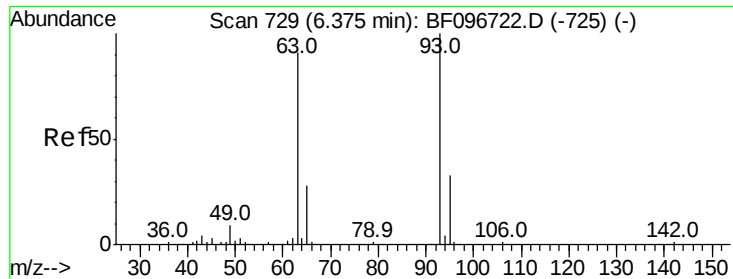


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 30.484 ng

RT: 6.38 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

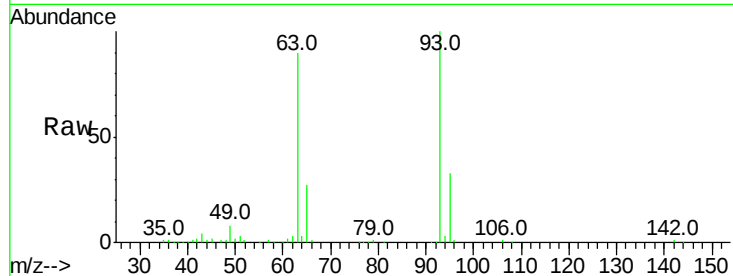
Tot Ion: 93 Resp: 244128

Ion Ratio Lower Upper

93 100

63 89.9 59.2 99.2

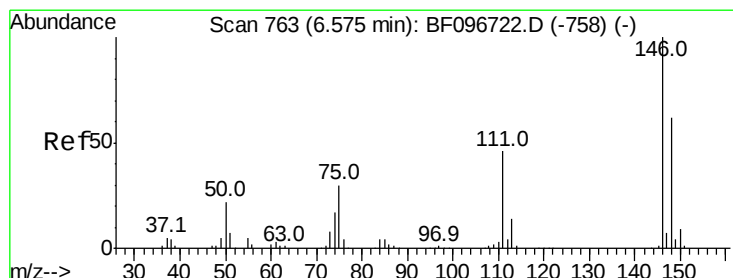
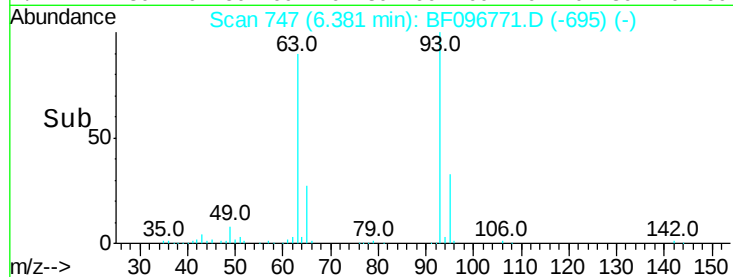
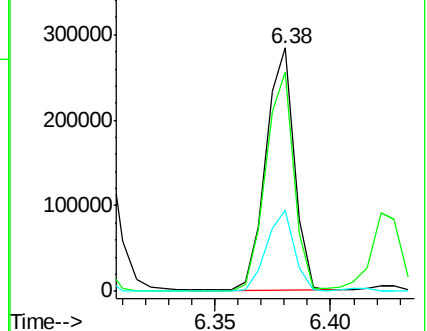
95 33.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 29.649 ng

RT: 6.58 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

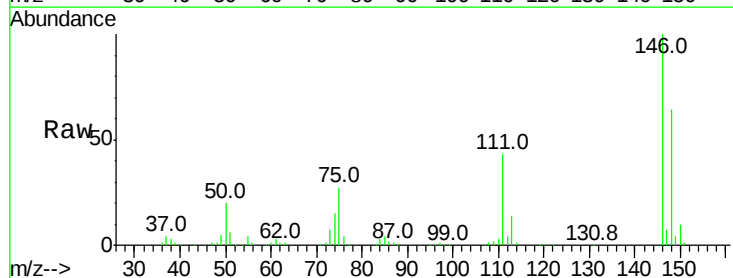
Tgt Ion:146 Resp: 266907

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

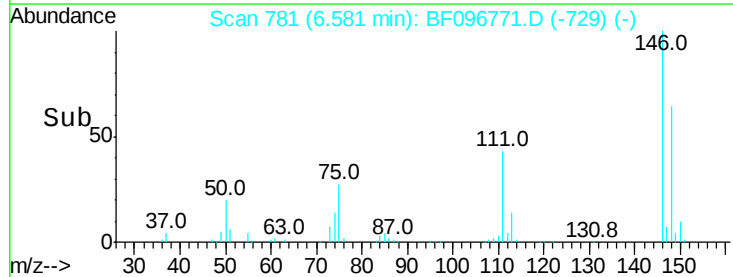
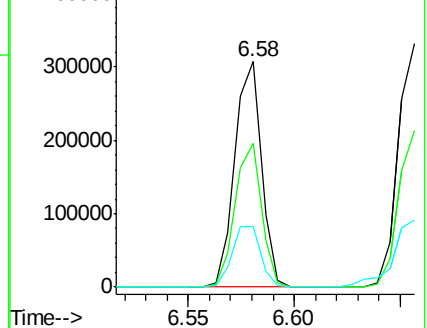
75 27.1 23.1 34.7

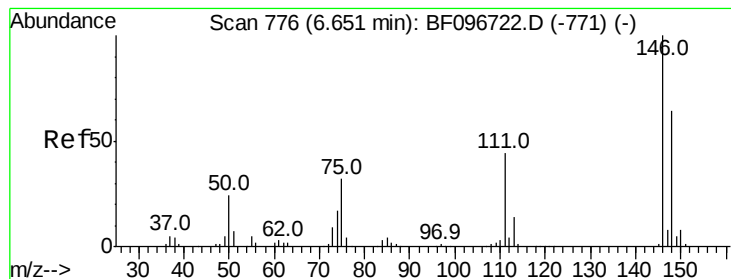


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 30.172 ng

RT: 6.66 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampled :

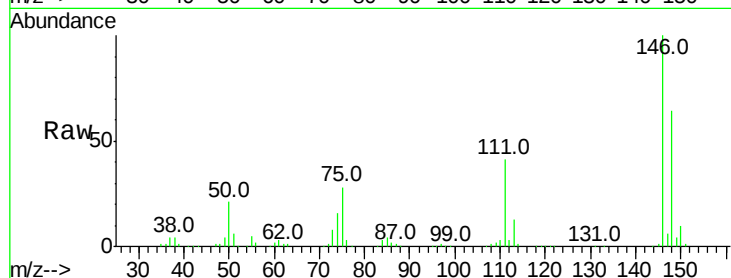
Tot Ion:146 Resp: 275063

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

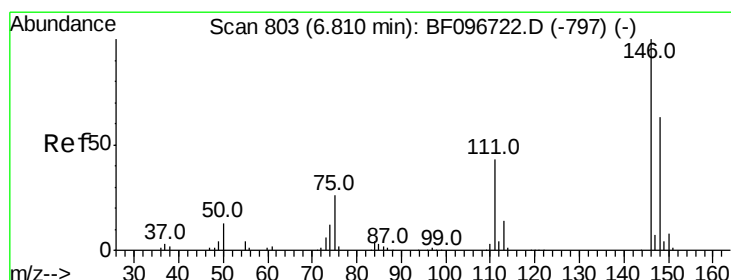
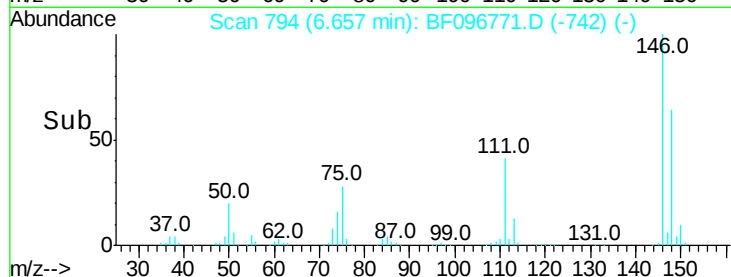
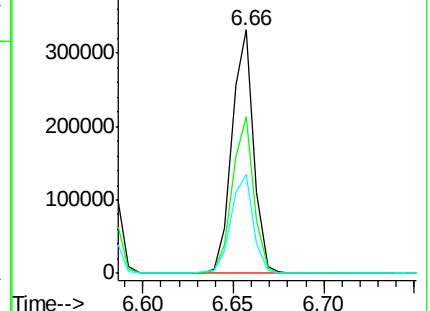
111 40.7 30.3 45.5



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: 33.282 ng

RT: 6.81 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

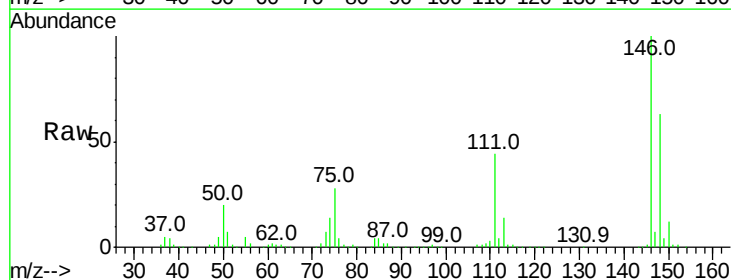
Tgt Ion:146 Resp: 275970

Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

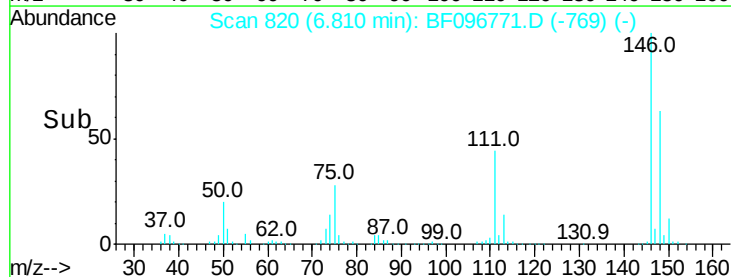
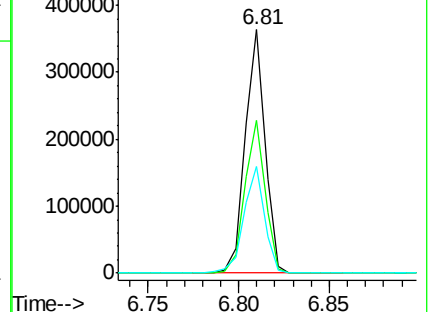
111 43.8 38.2 57.4

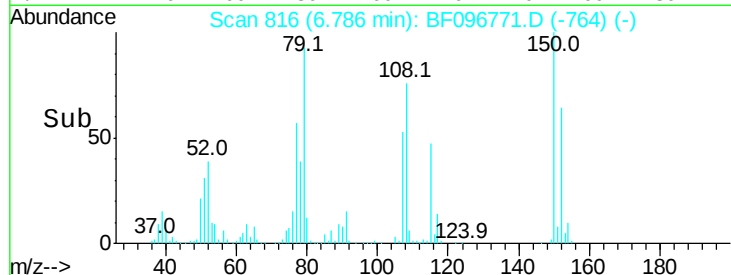
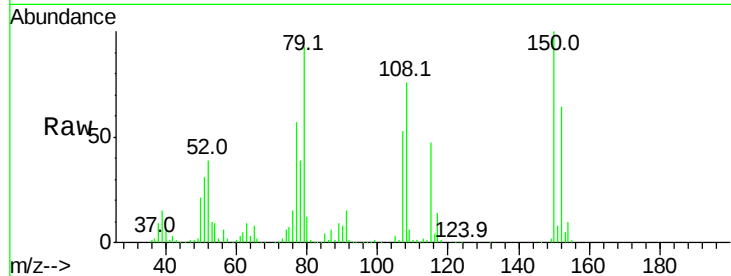
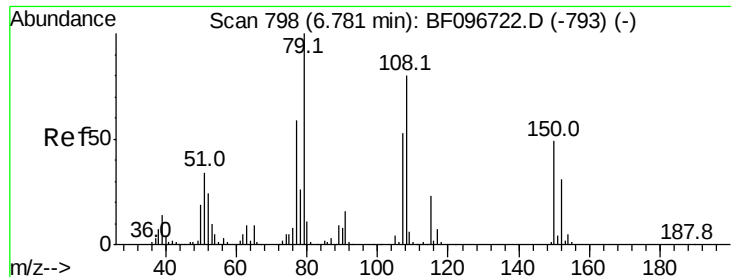


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

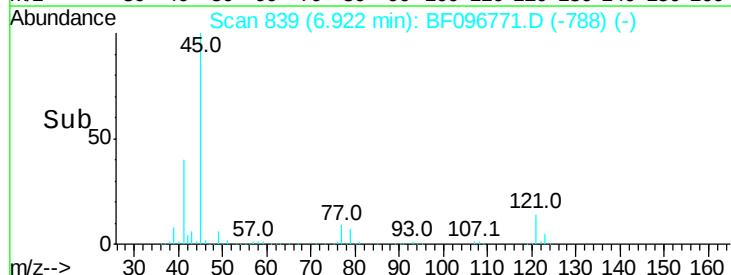
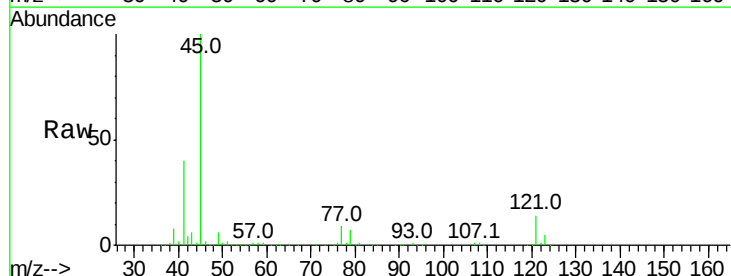
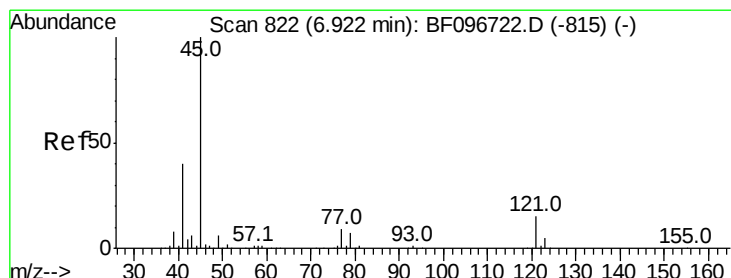
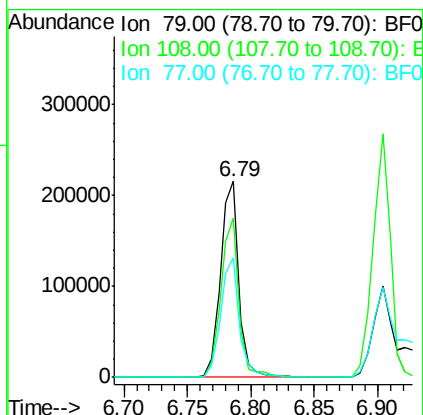
Ion 111.00 (110.70 to 111.70): E





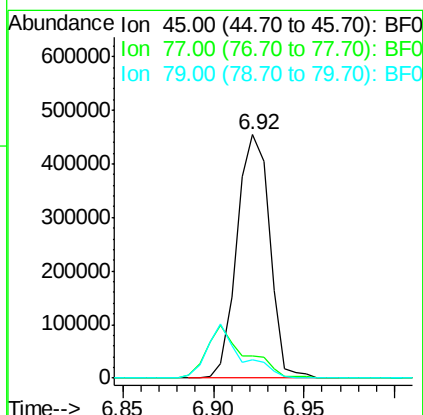
#15
Benzyl Alcohol
Concen: 35.329 ng
RT: 6.79 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

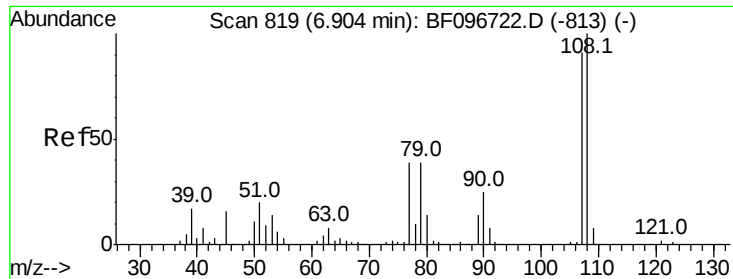
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	63.4	95.0
77	61.3	49.2	73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.577 ng
RT: 6.92 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	33.2
79	7.3	0.0	30.0

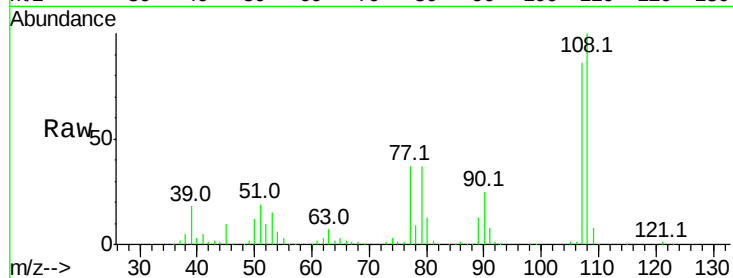




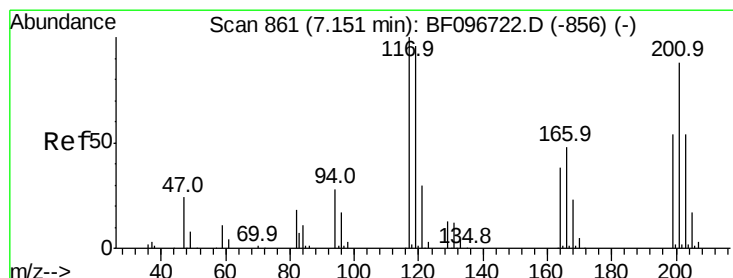
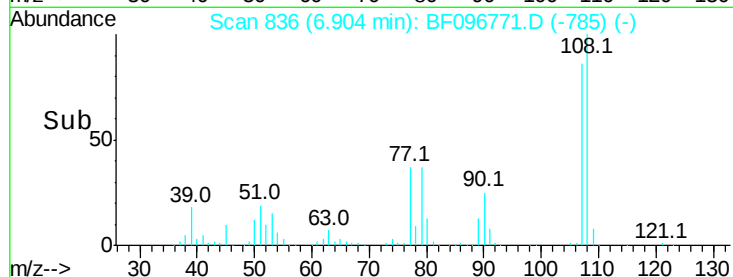
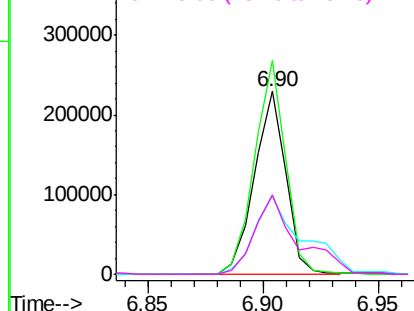
#17
2-Methylphenol
Concen: 33.220 ng
RT: 6.90 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 218775
Ion Ratio Lower Upper
107 100
108 116.7 93.4 140.0
77 43.0 35.8 53.6
79 43.7 34.8 52.2

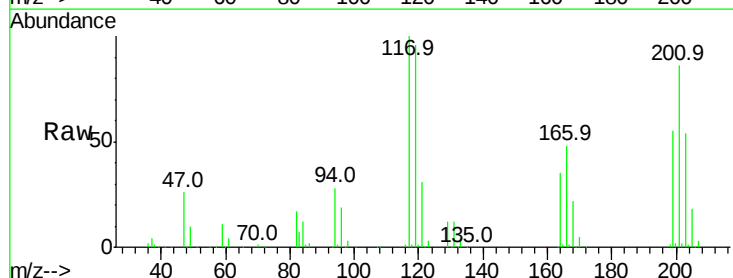


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

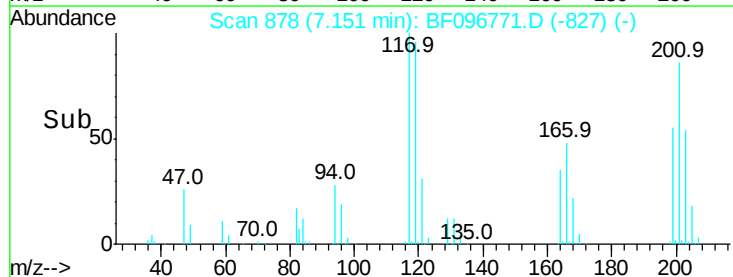
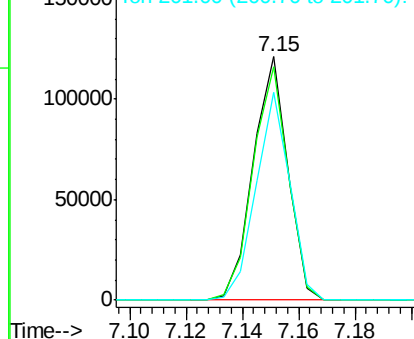


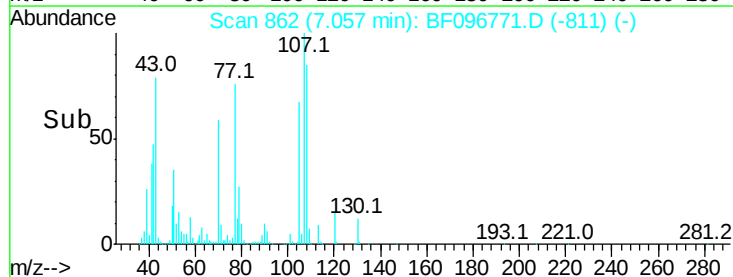
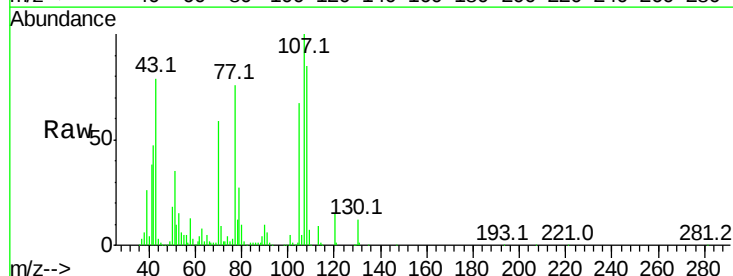
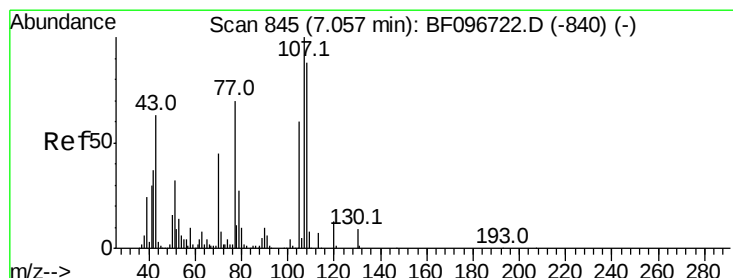
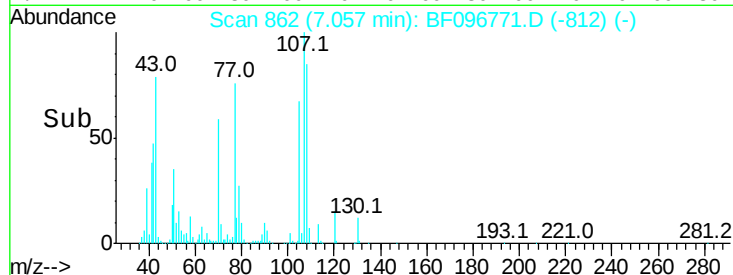
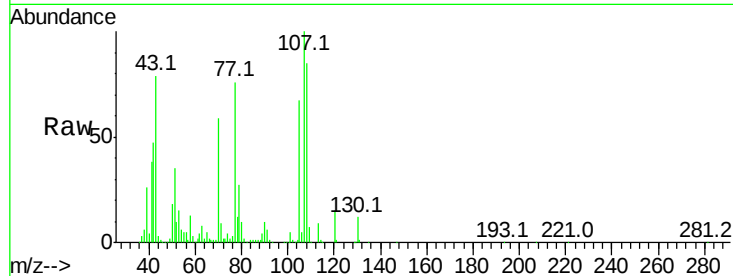
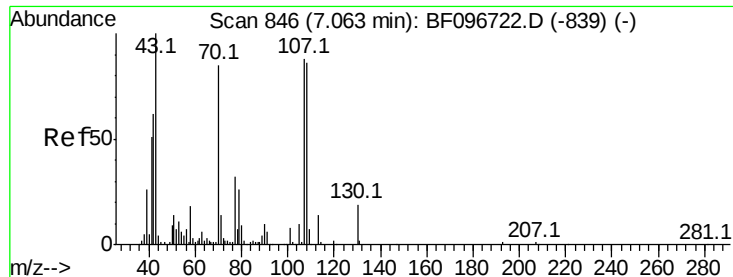
#18
Hexachloroethane
Concen: 31.812 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:117 Resp: 102838
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
201 85.5 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

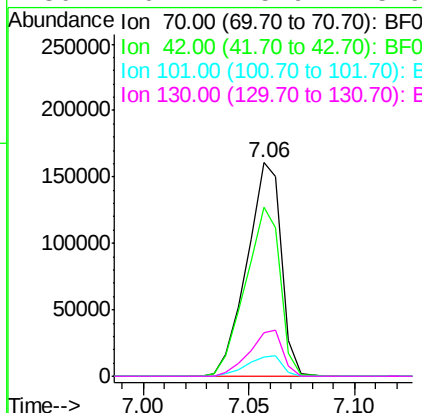




#19
n-Nitroso-di-n-propylamine
Concen: 31.908 ng
RT: 7.06 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

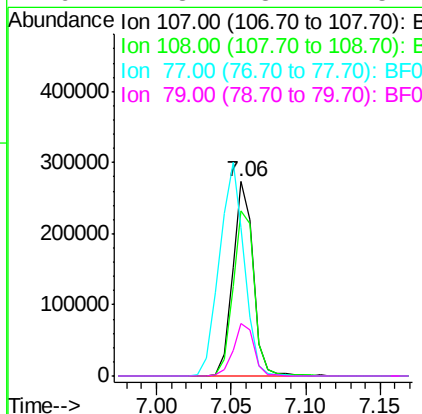
Instrument :
BNA_F
ClientSampleId :

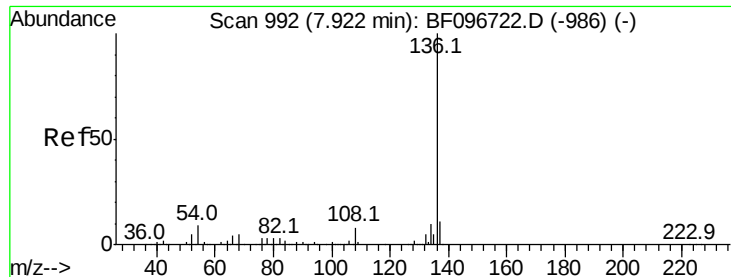
Tot Ion: 70 Resp: 181093
Ion Ratio Lower Upper
70 100
42 79.4 47.2 70.8#
101 9.1 7.2 10.8
130 20.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 33.036 ng
RT: 7.06 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:107 Resp: 264003
Ion Ratio Lower Upper
107 100
108 85.3 71.0 111.0
77 76.5 90.5 130.5#
79 27.3 8.4 48.4

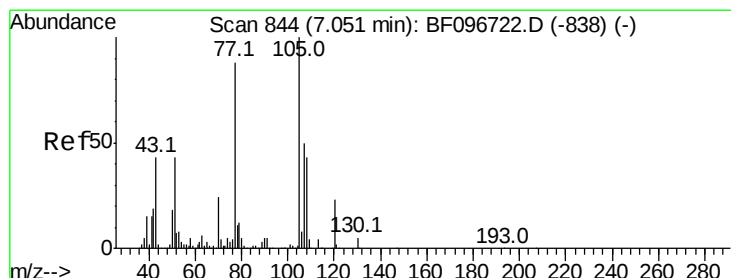
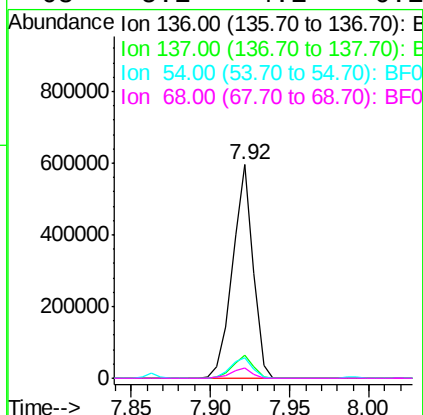
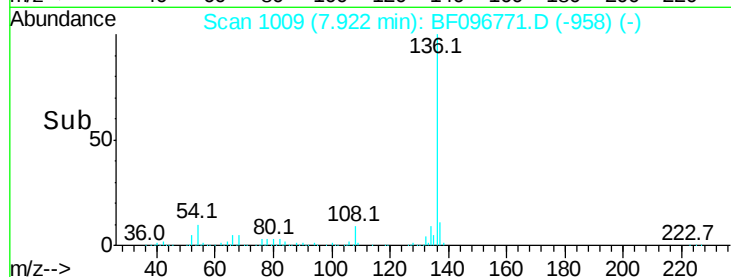
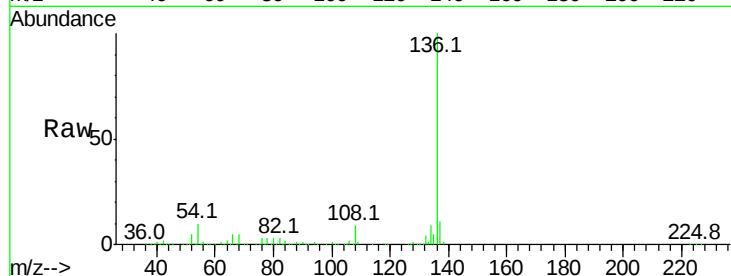




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

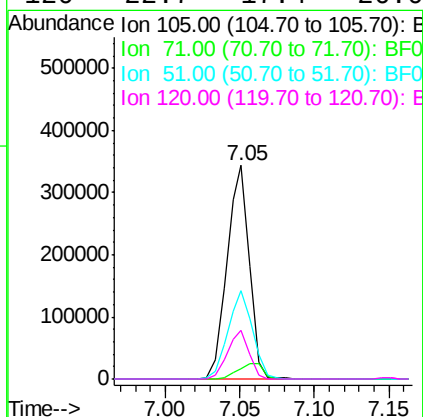
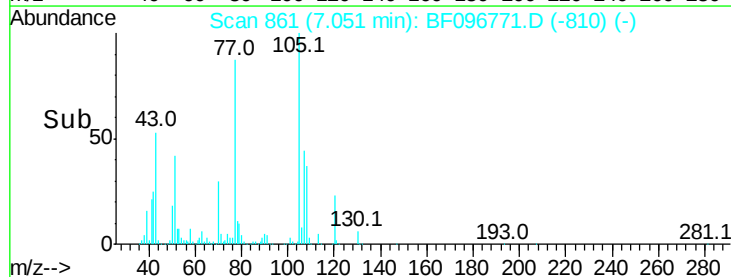
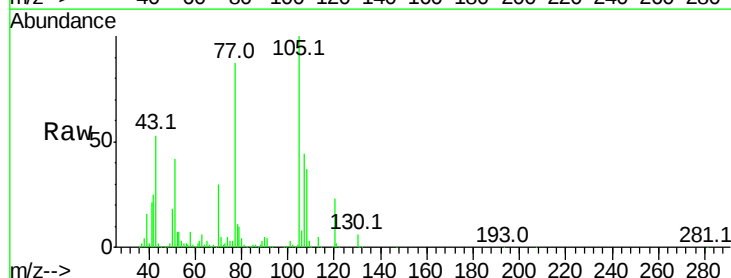
Instrument :
BNA_F
ClientSampleId :

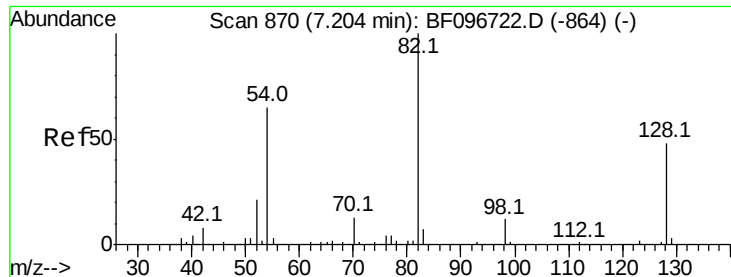
Tot Ion:136	Resp:	531294
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	9.6	4.9 7.3#
68	5.1	4.1 6.1



#22
Acetophenone
Concen: 30.669 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:105	Resp:	364186
Ion Ratio	Lower	Upper
105	100	
71	4.7	2.8 4.2#
51	41.6	30.7 46.1
120	22.7	17.4 26.0

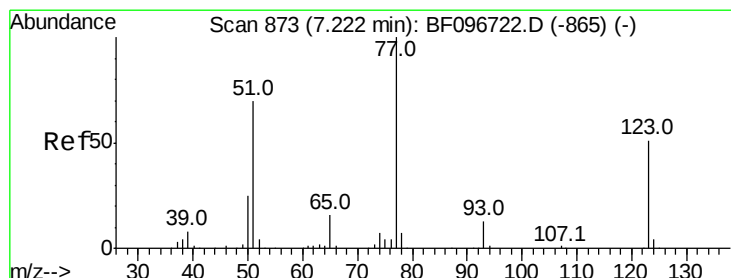
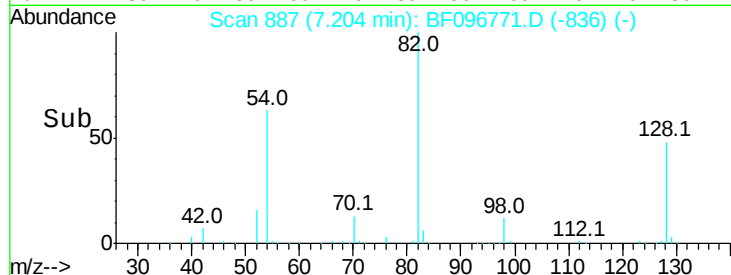
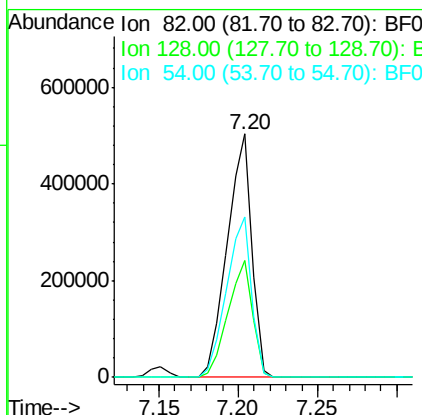
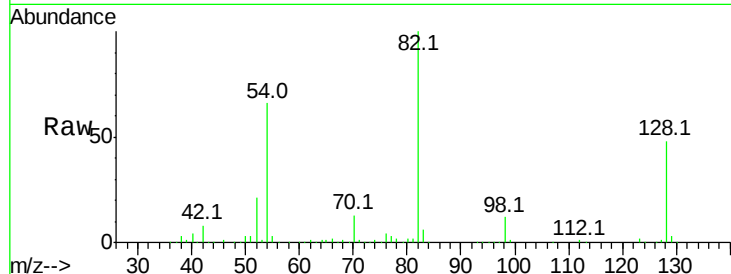




#23
 Nitrobenzene-d5
 Concen: 62.945 ng
 RT: 7.20 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

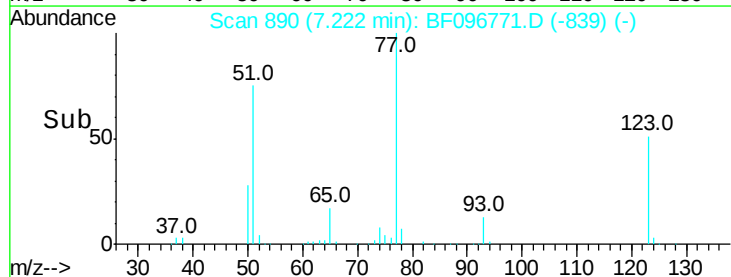
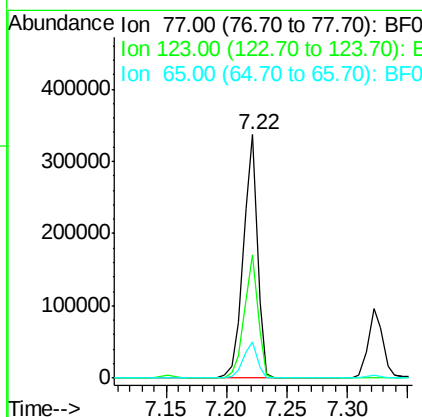
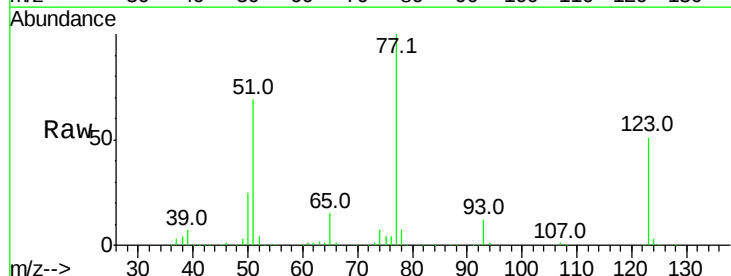
Instrument :
 BNA_F
 ClientSampleId :

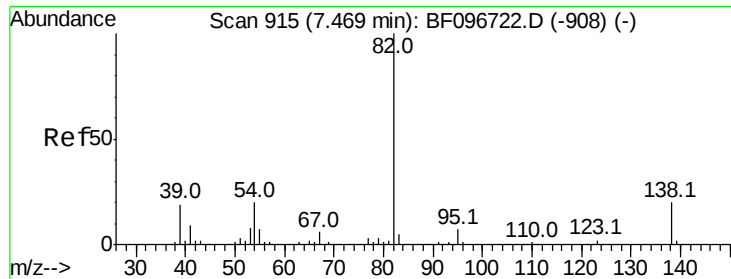
Tot Ion: 82 Resp: 539908
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 66.0 42.2 63.2#



#24
 Nitrobenzene
 Concen: 31.236 ng
 RT: 7.22 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion: 77 Resp: 277097
 Ion Ratio Lower Upper
 77 100
 123 50.9 35.8 53.8
 65 15.1 10.6 15.8





#25

Isophorone

Concen: 31.733 ng

RT: 7.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

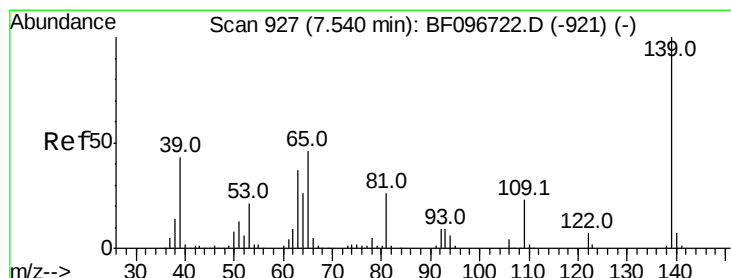
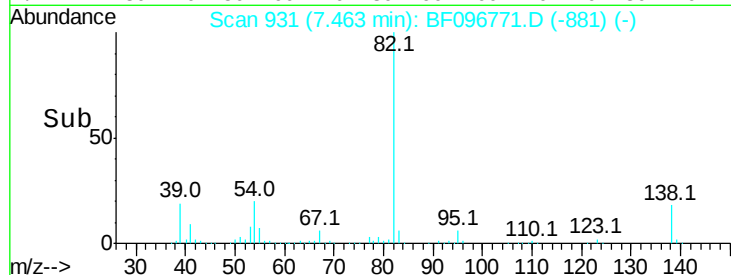
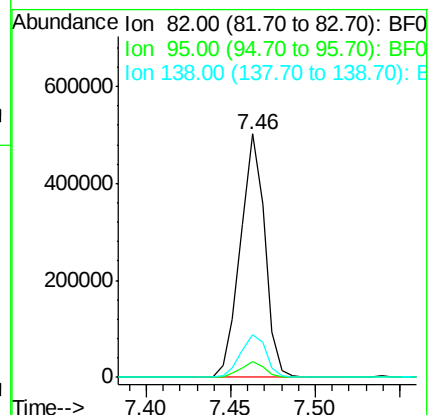
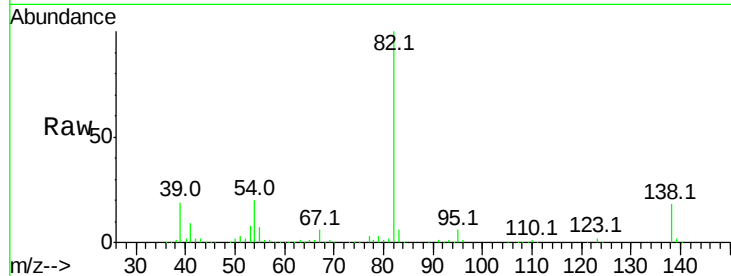
Tot Ion: 82 Resp: 506352

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 17.8 13.1 19.7



#26

2-Nitrophenol

Concen: 28.526 ng

RT: 7.54 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

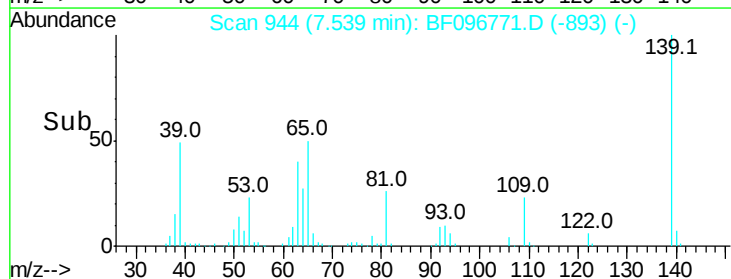
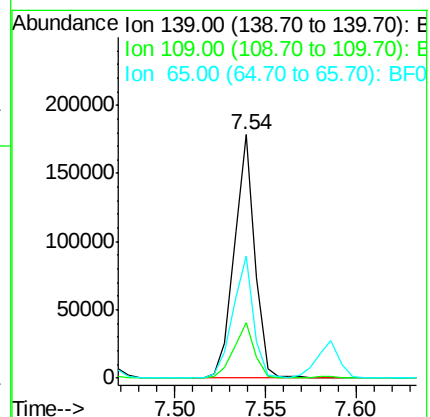
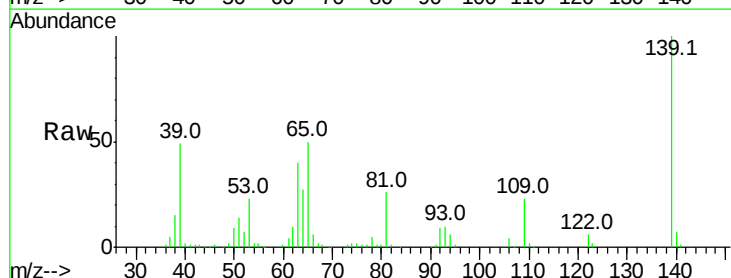
Tgt Ion: 139 Resp: 140708

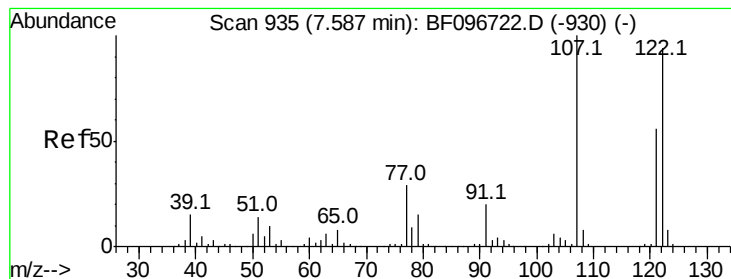
Ion Ratio Lower Upper

139 100

109 22.8 21.0 31.6

65 50.3 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 30.317 ng

RT: 7.59 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

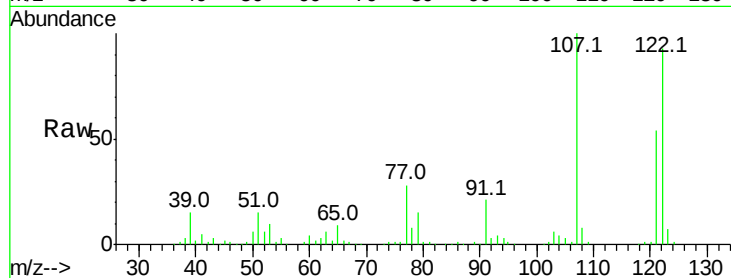
Tot Ion:122 Resp: 246019

Ion Ratio Lower Upper

122 100

107 107.9 89.2 133.8

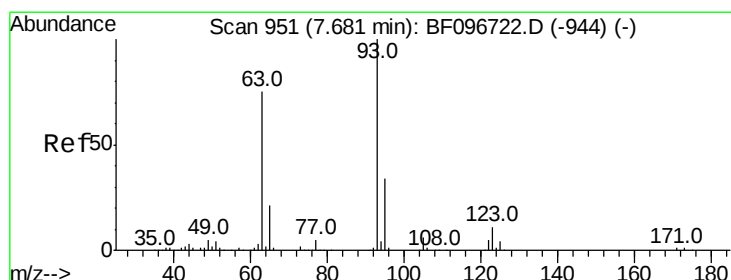
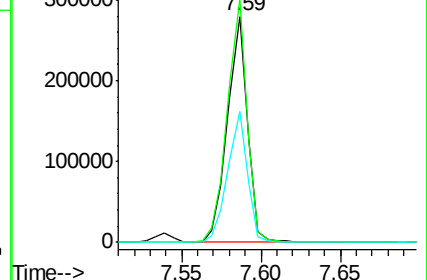
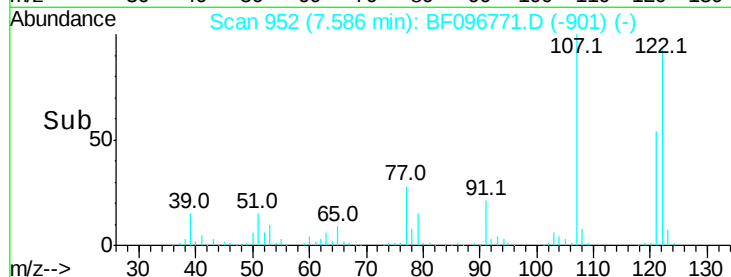
121 58.1 45.2 67.8



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: 31.663 ng

RT: 7.68 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

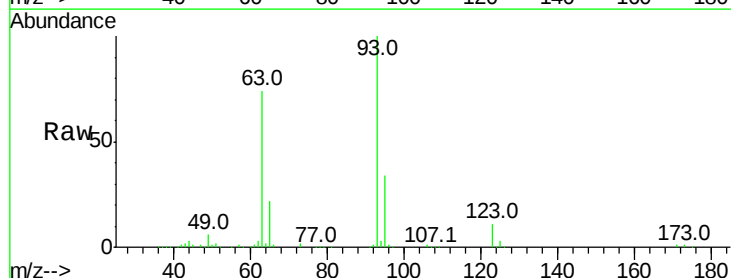
Tgt Ion: 93 Resp: 341395

Ion Ratio Lower Upper

93 100

95 33.6 26.5 39.7

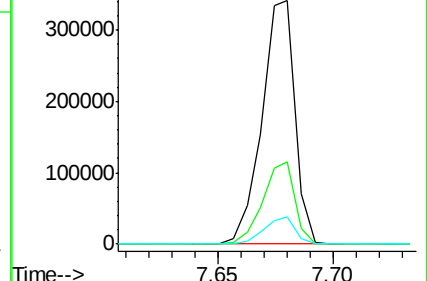
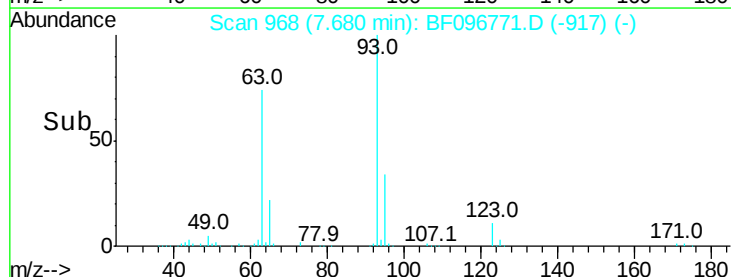
123 11.2 9.0 13.4

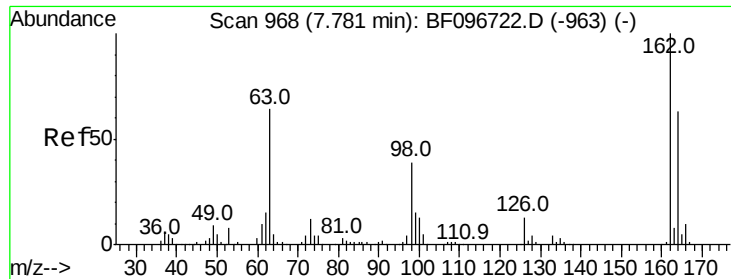


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

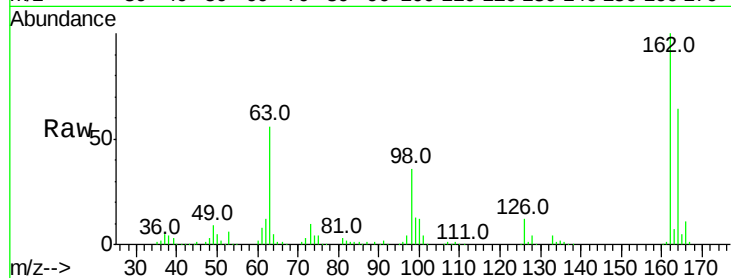




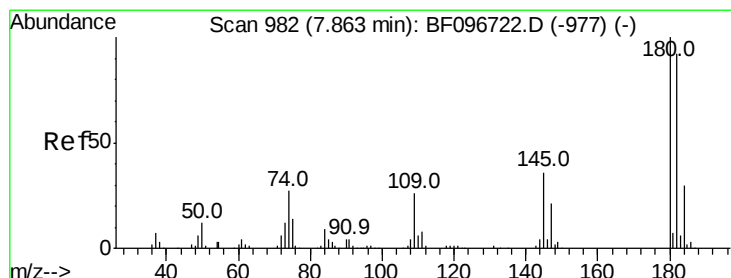
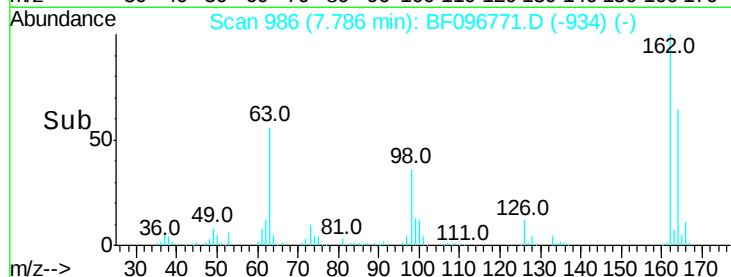
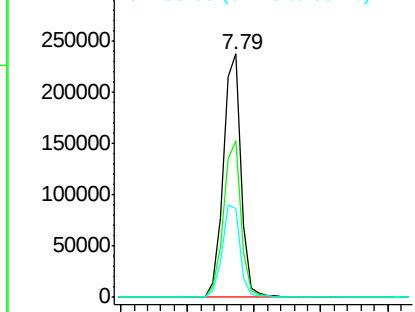
#29
 2,4-Dichlorophenol
 Concen: 30.479 ng
 RT: 7.79 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	36.2	14.8	54.8

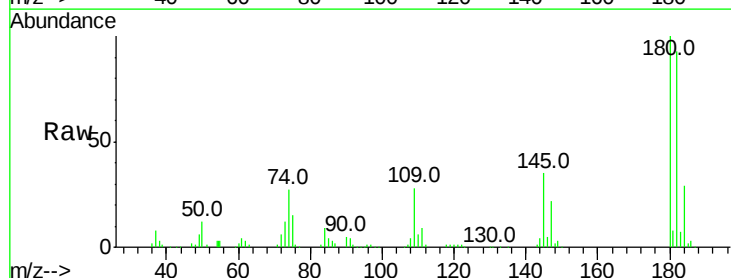


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

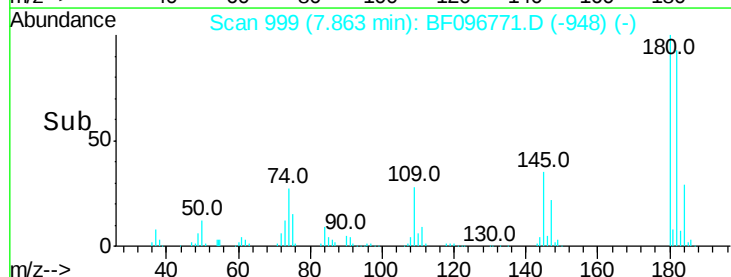
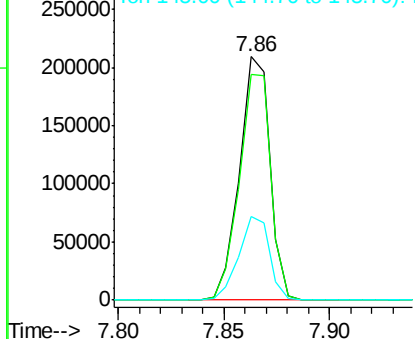


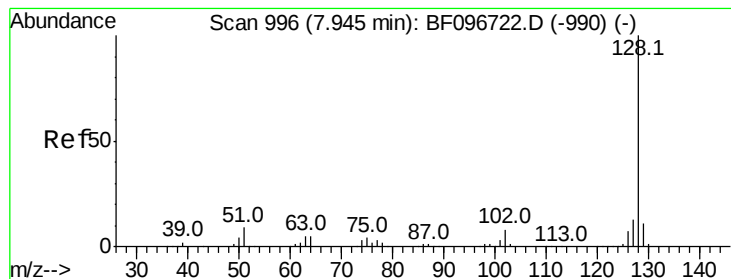
#30
 1,2,4-Trichlorobenzene
 Concen: 29.915 ng
 RT: 7.86 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.8	113.6
145	34.5	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: 30.664 ng

RT: 7.95 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

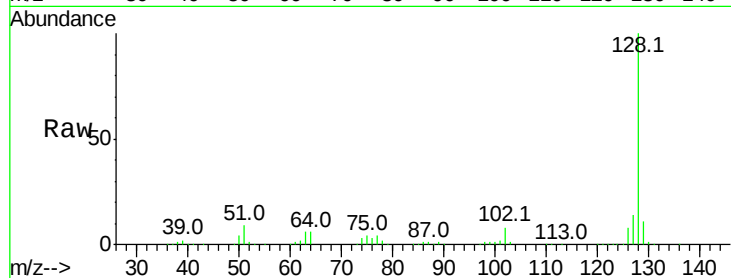
Tot Ion:128 Resp: 771758

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

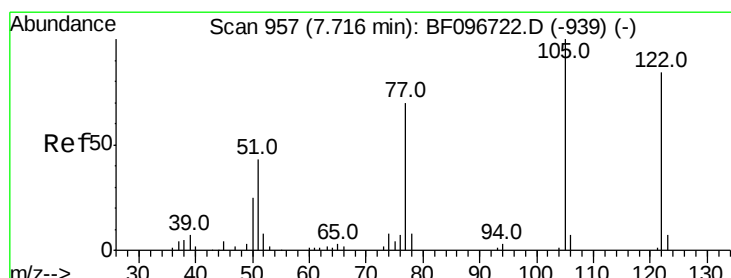
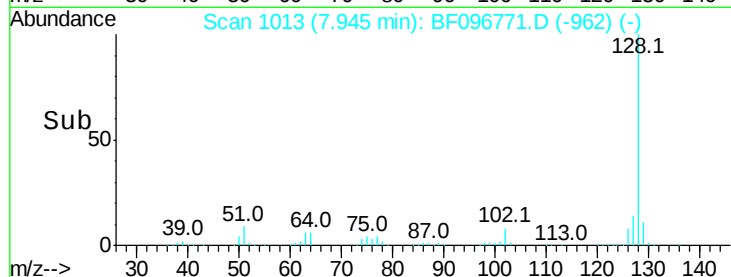
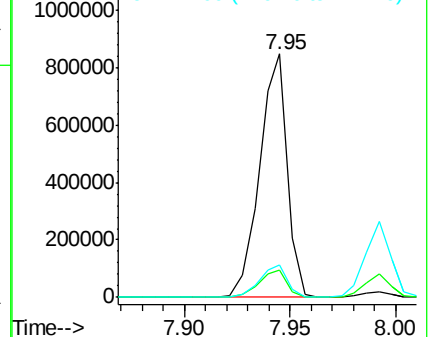
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.434 ng

RT: 7.59 min Scan# 952

Delta R.T. -0.13 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

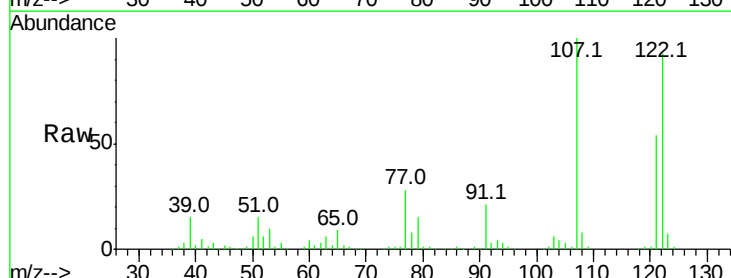
Tgt Ion:122 Resp: 246019

Ion Ratio Lower Upper

122 100

105 3.6 103.3 143.3#

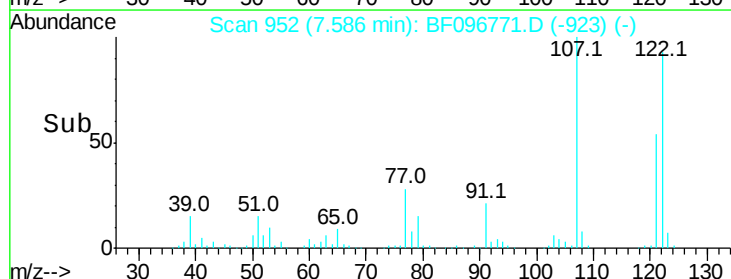
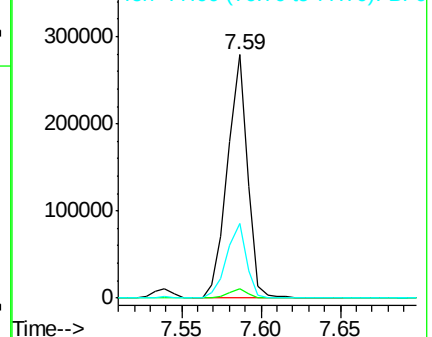
77 30.5 73.7 113.7#

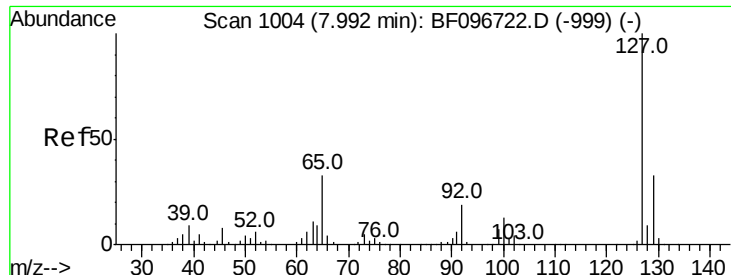


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

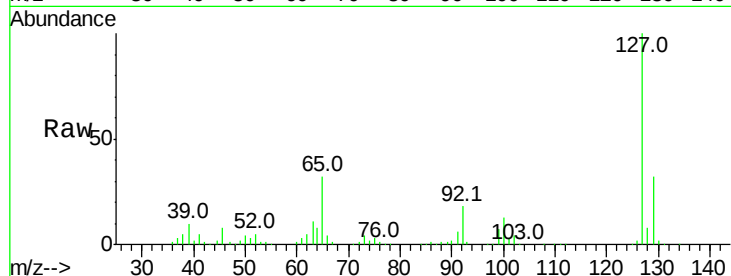




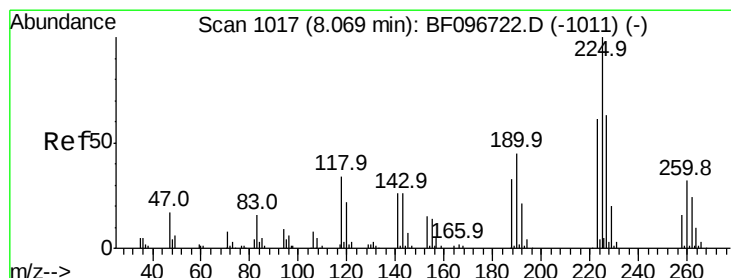
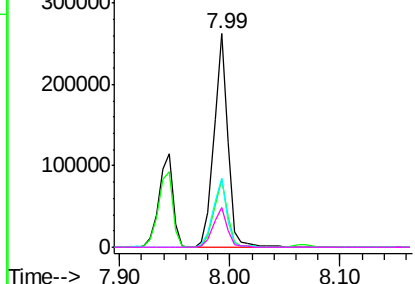
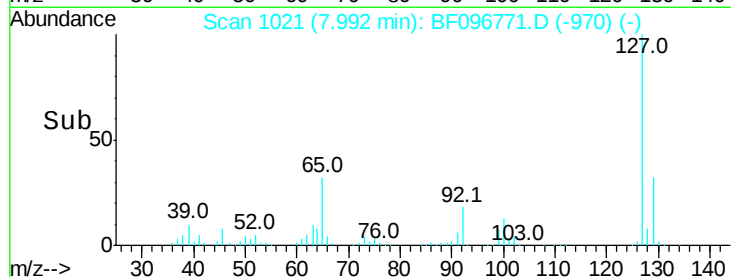
#33
4-Chloroaniline
Concen: 22.618 ng
RT: 7.99 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	225546
Ion Ratio	Lower	Upper
127 100		
129 31.7	26.2	39.2
65 32.5	27.8	41.8
92 18.4	16.8	25.2

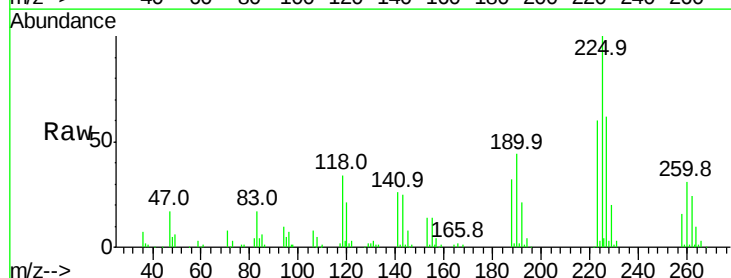


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

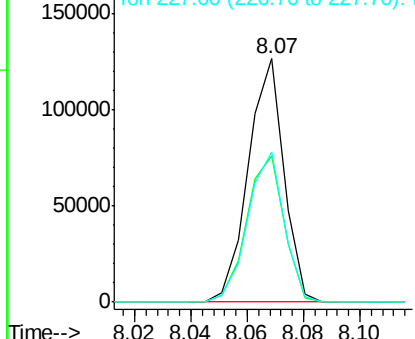
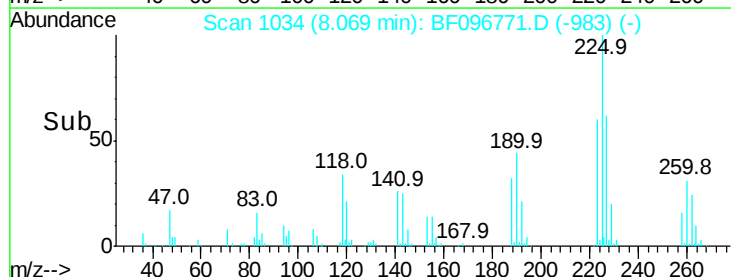


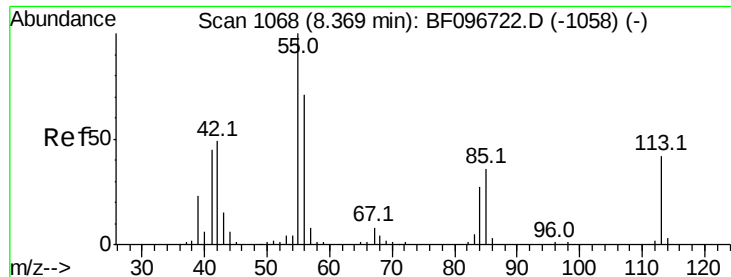
#34
Hexachlorobutadiene
Concen: 29.611 ng
RT: 8.07 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:225	Resp: 110401
Ion Ratio	Lower Upper
225 100	
223 60.0	48.8 73.2
227 61.5	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

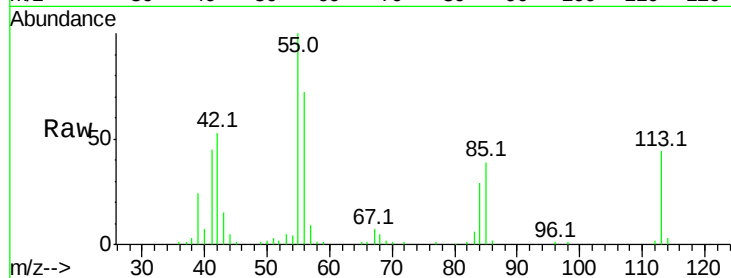




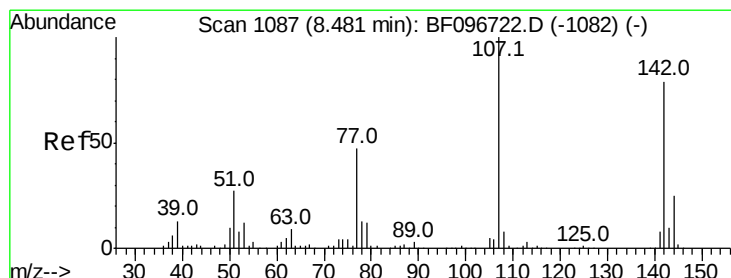
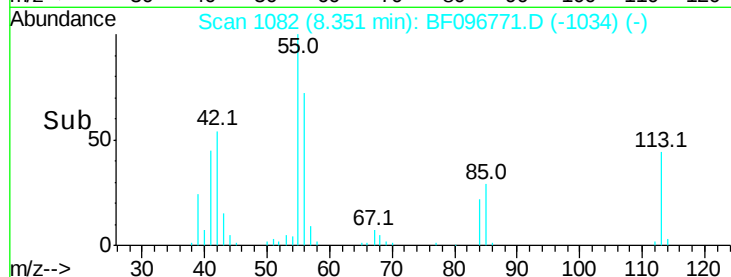
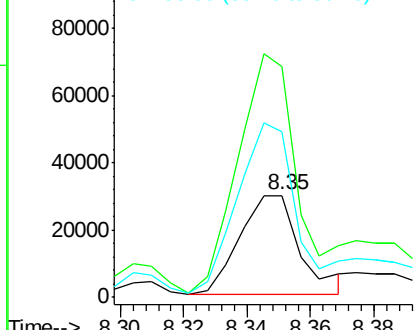
#35
Caprolactam
Concen: 16.701 ng
RT: 8.35 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 39307
Ion Ratio Lower Upper
113 100
55 226.9 150.2 190.2#
56 162.7 107.8 147.8#

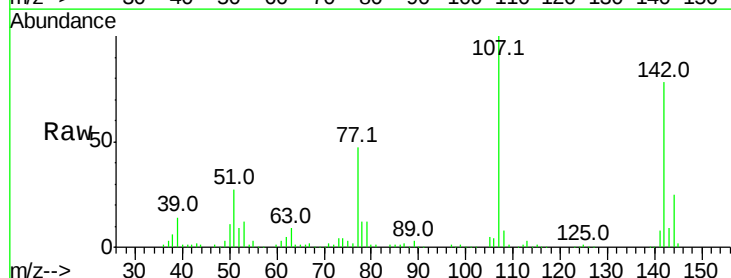


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

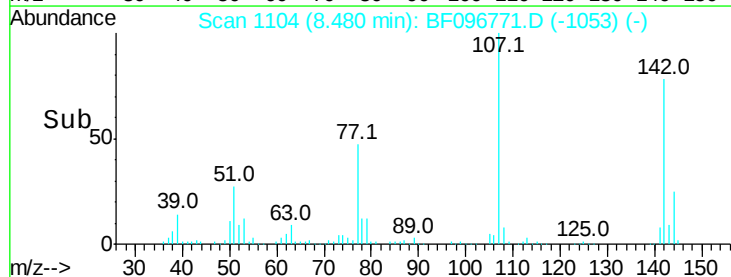
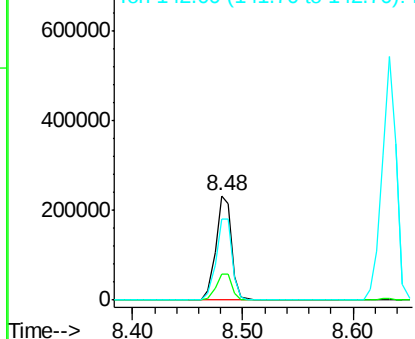


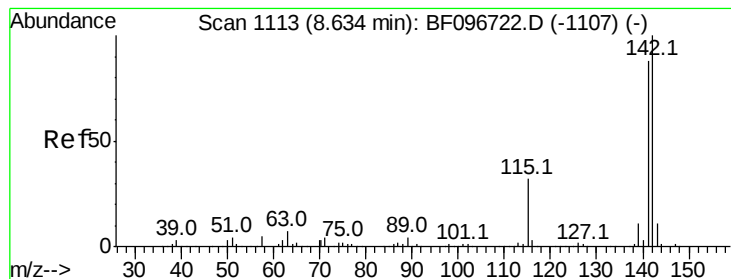
#36
4-Chloro-3-methylphenol
Concen: 28.906 ng
RT: 8.48 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:107 Resp: 228305
Ion Ratio Lower Upper
107 100
144 25.0 24.2 36.4
142 78.3 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

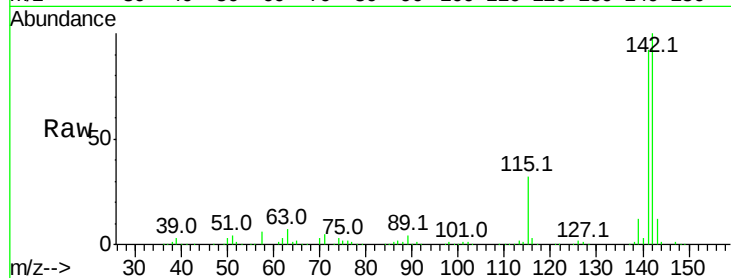




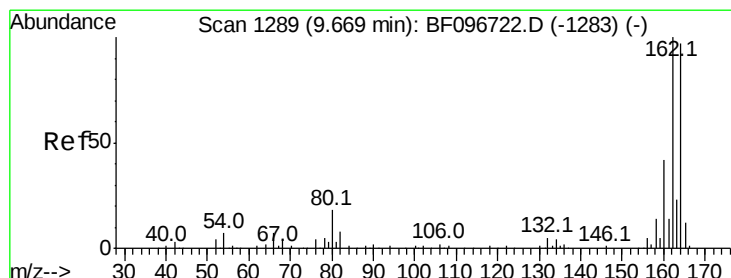
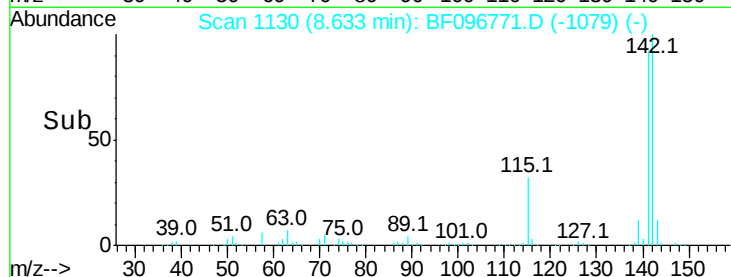
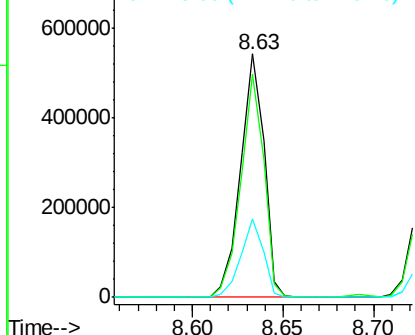
#37
2-Methylnaphthalene
Concen: 30.543 ng
RT: 8.63 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.3	106.9
115	32.1	27.1	40.7

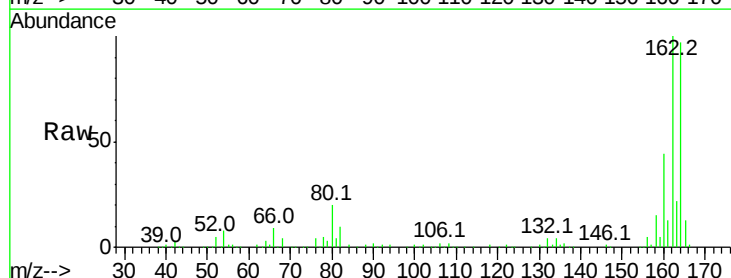


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

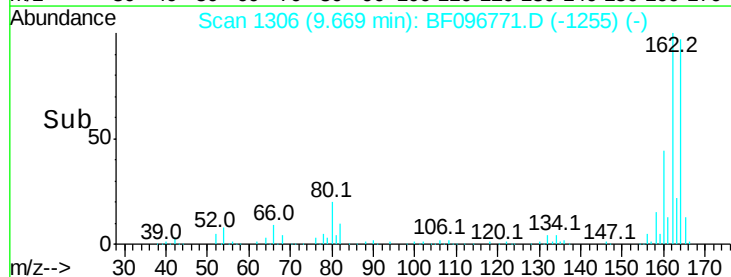
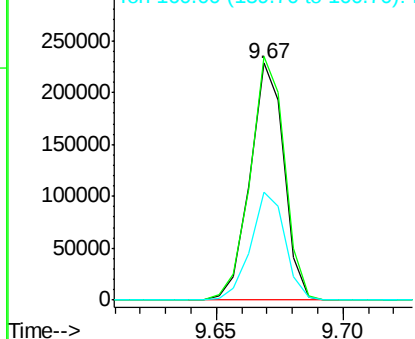


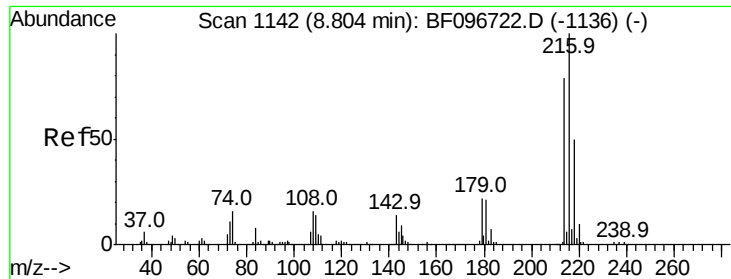
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.7	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

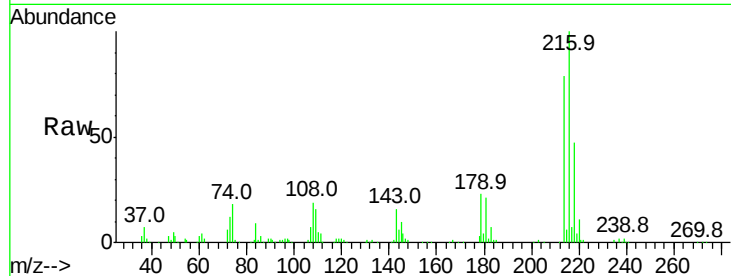




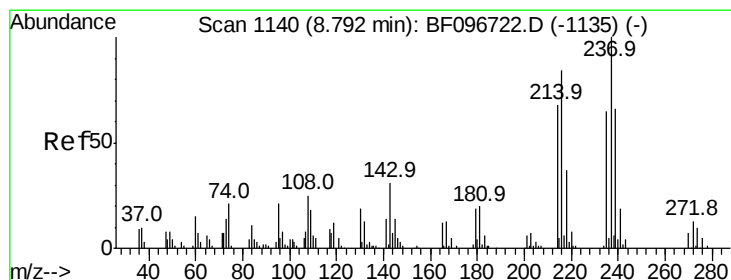
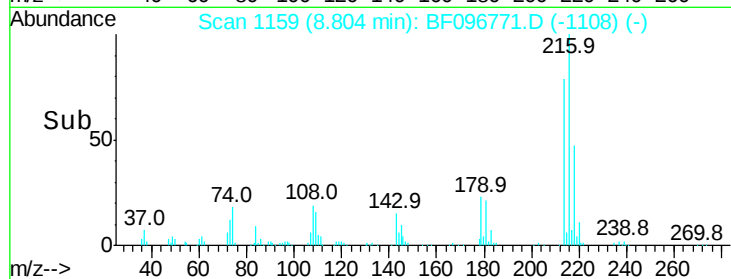
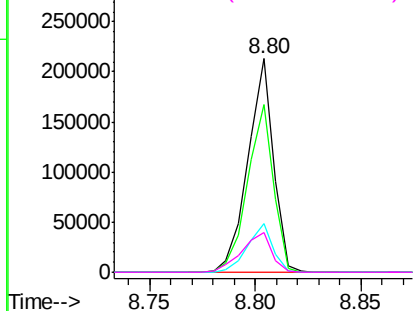
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.189 ng
 RT: 8.80 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	178990
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.7	17.9	26.9
108	21.4	16.5	24.7

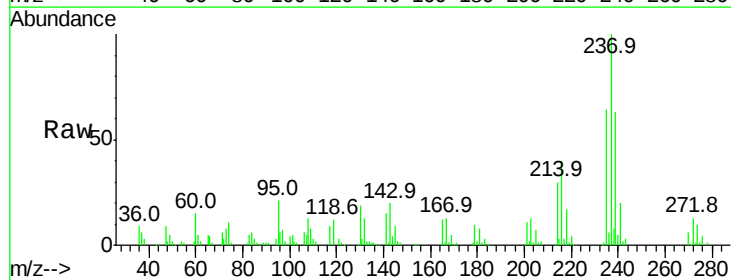


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

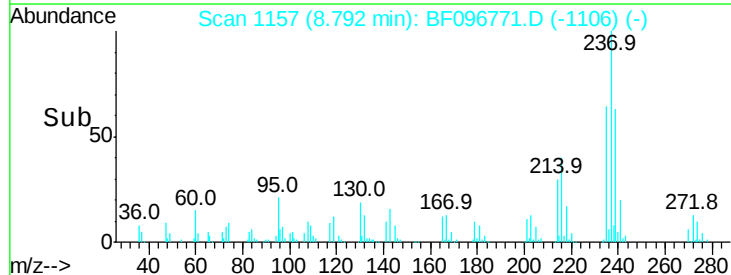
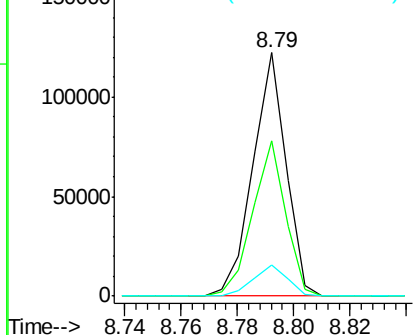


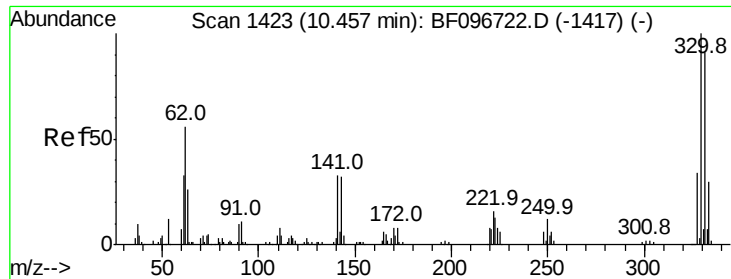
#40
 Hexachlorocyclopentadiene
 Concen: 48.219 ng
 RT: 8.79 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion:	237	Resp:	99520
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.6	82.6
272	12.7	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

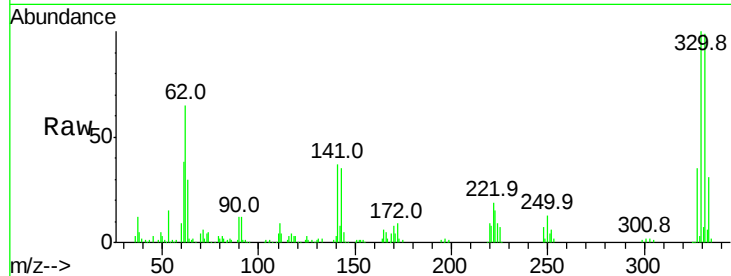




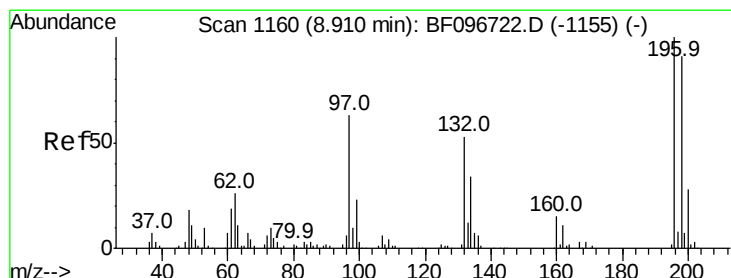
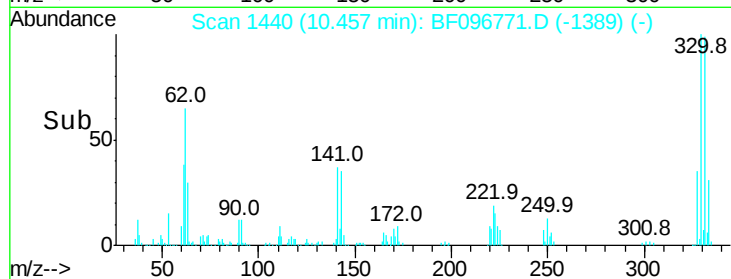
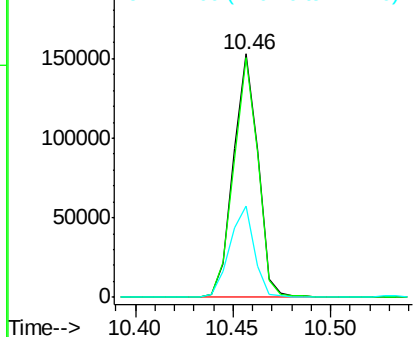
#41
 2,4,6-Tribromophenol
 Concen: 74.024 ng
 RT: 10.46 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 134142
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 37.5 31.4 47.2

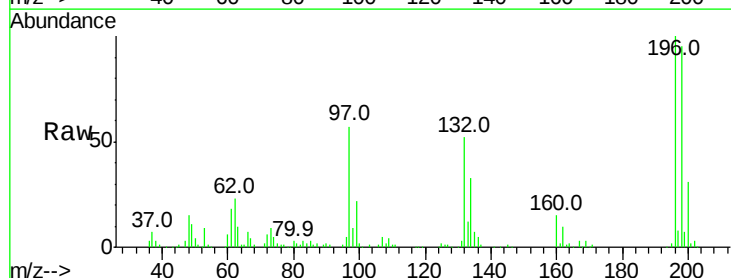


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

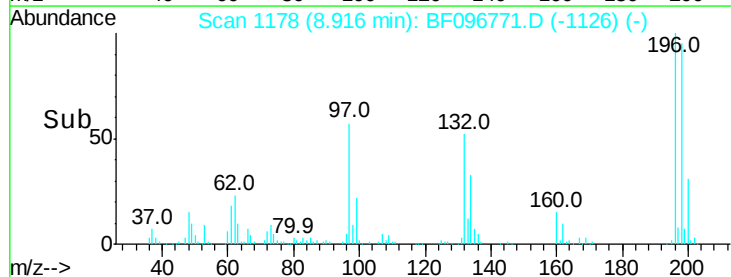
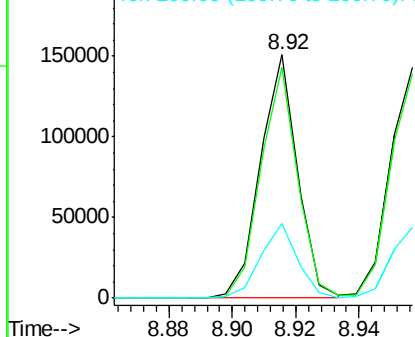


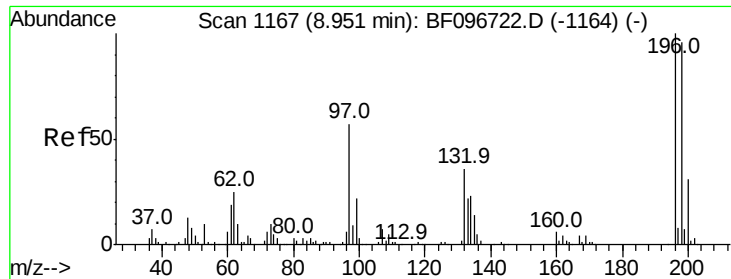
#42
 2,4,6-Trichlorophenol
 Concen: 29.009 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion:196 Resp: 122801
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.4
 200 30.5 24.0 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

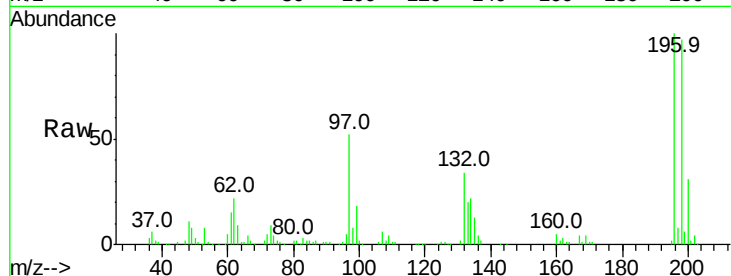




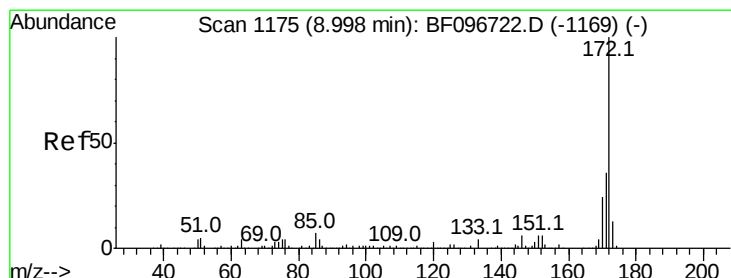
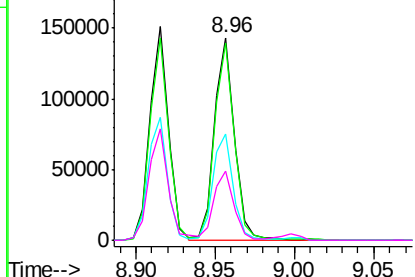
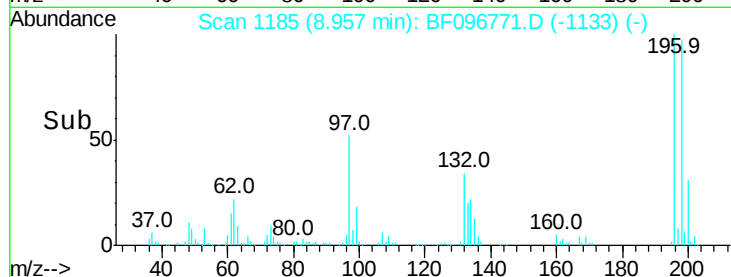
#43
 2,4,5-Trichlorophenol
 Concen: 29.548 ng
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 126151
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 97 52.2 47.7 71.5
 132 33.8 28.0 42.0

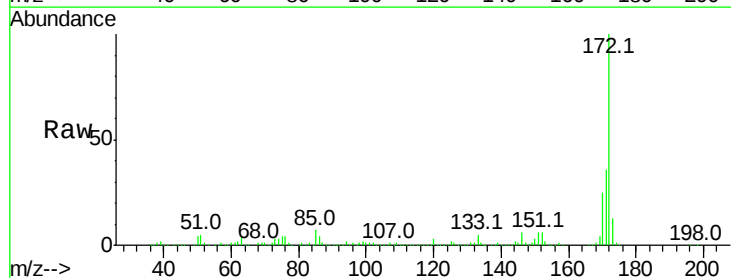


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

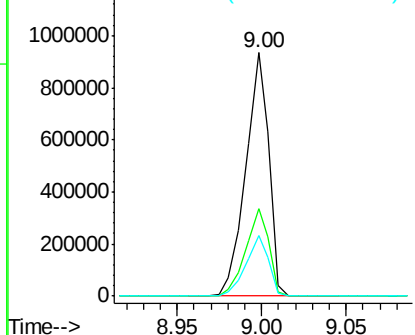
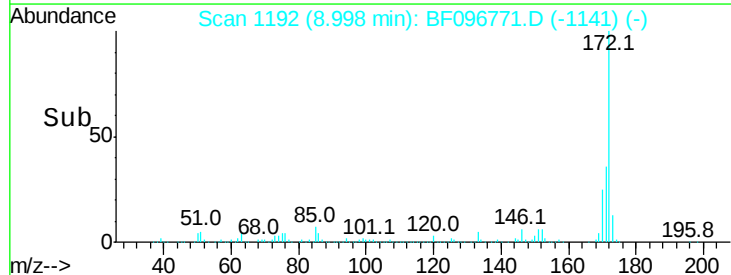


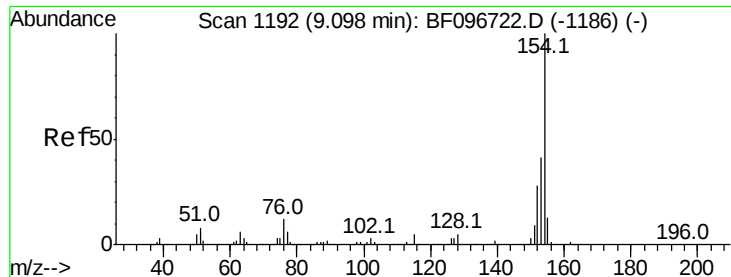
#44
 2-Fluorobiphenyl
 Concen: 66.335 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion:172 Resp: 891354
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.7 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

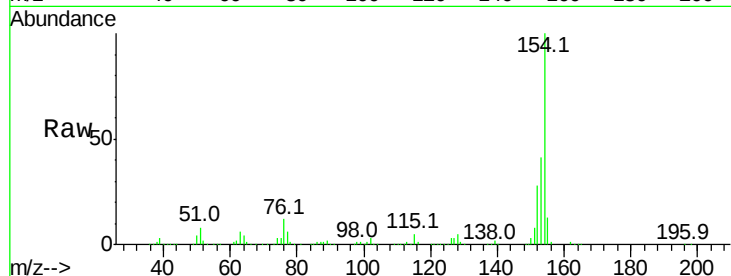




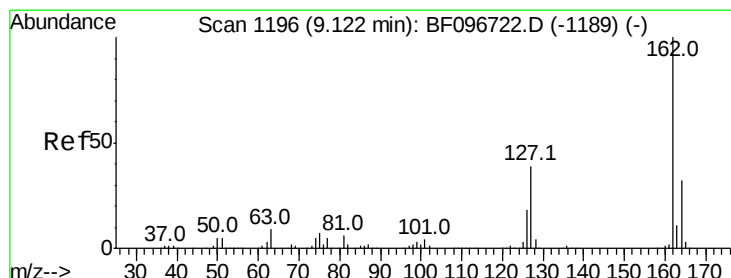
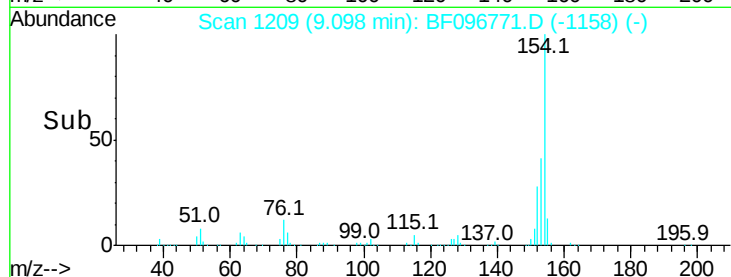
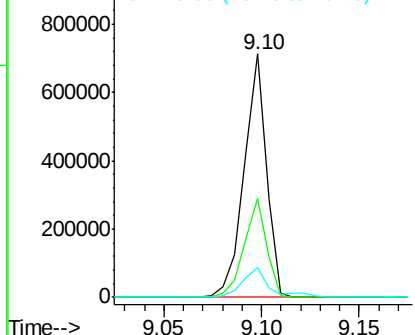
#45
 1,1'-Biphenyl
 Concen: 31.064 ng
 RT: 9.10 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 565602
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.2 61.2
 76 12.2 0.0 29.9

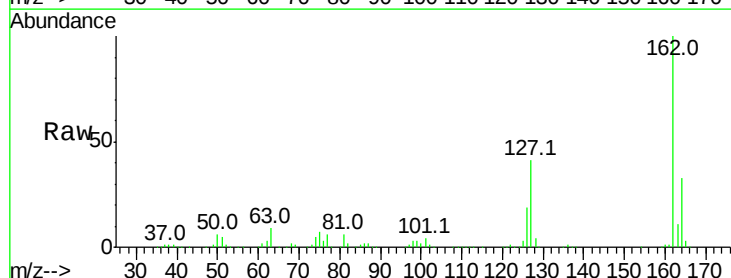


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

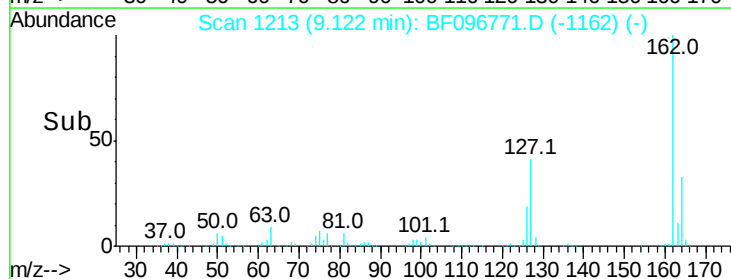
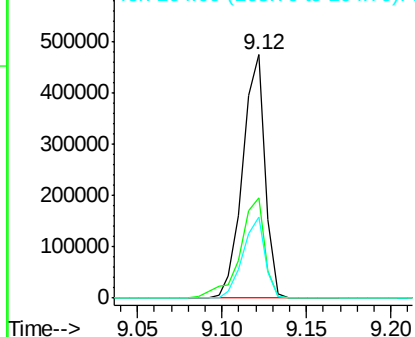


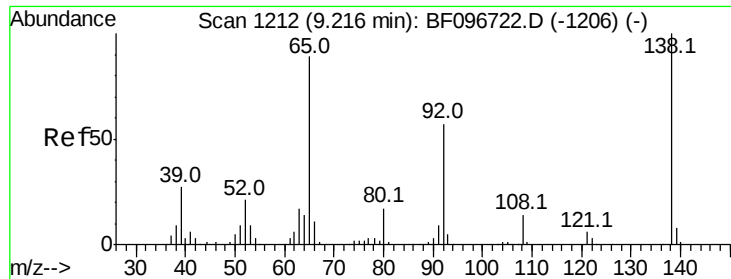
#46
 2-Chloronaphthalene
 Concen: 32.746 ng
 RT: 9.12 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion:162 Resp: 439035
 Ion Ratio Lower Upper
 162 100
 127 40.9 28.3 42.5
 164 33.2 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

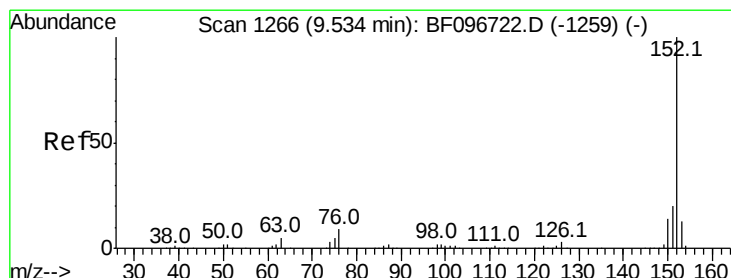
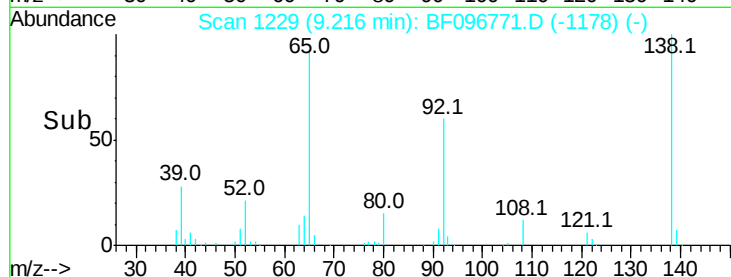
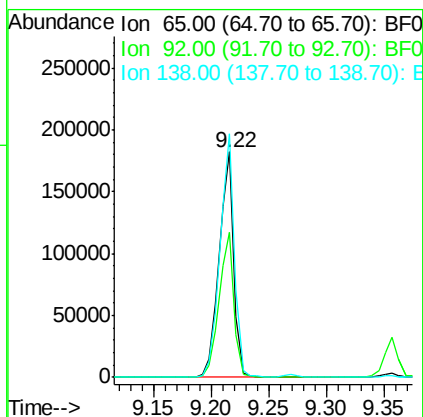
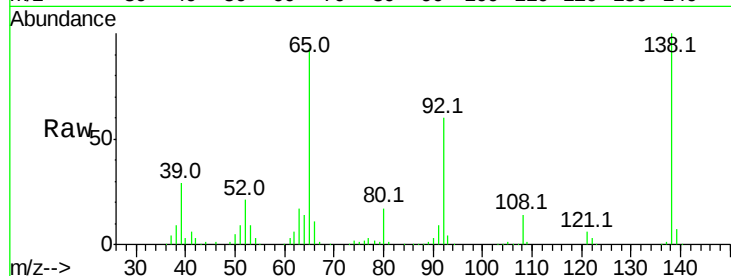




#47
2-Nitroaniline
Concen: 34.939 ng
RT: 9.22 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

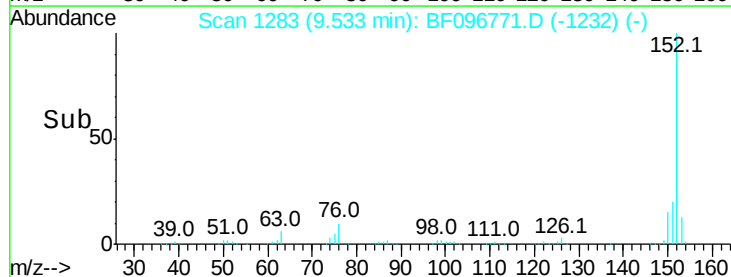
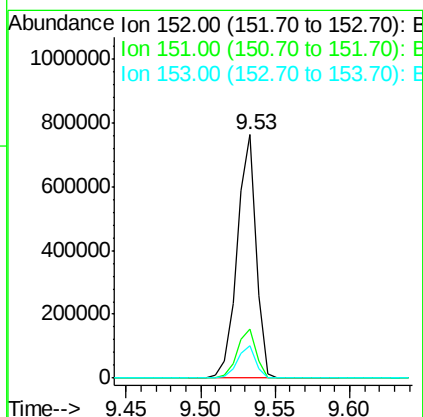
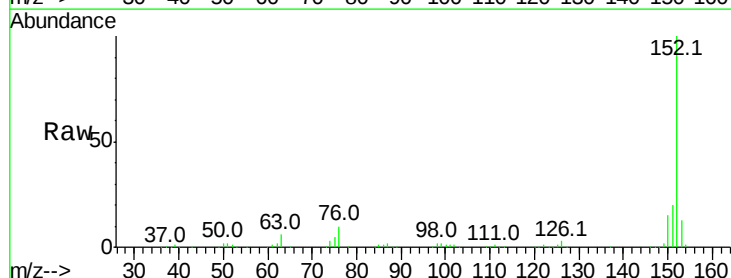
Instrument :
BNA_F
ClientSampleId :

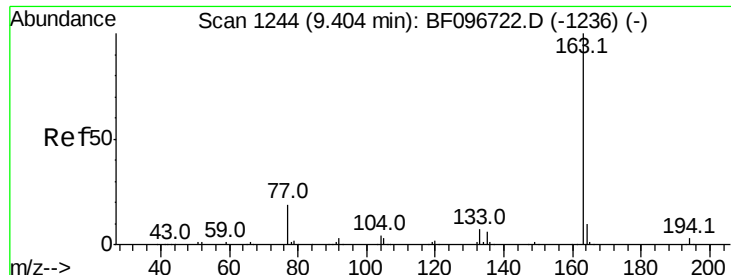
Tot Ion: 65 Resp: 161019
Ion Ratio Lower Upper
65 100
92 64.6 53.9 80.9
138 108.0 78.8 118.2



#48
Acenaphthylene
Concen: 31.841 ng
RT: 9.53 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion: 152 Resp: 680183
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 13.2 10.8 16.2

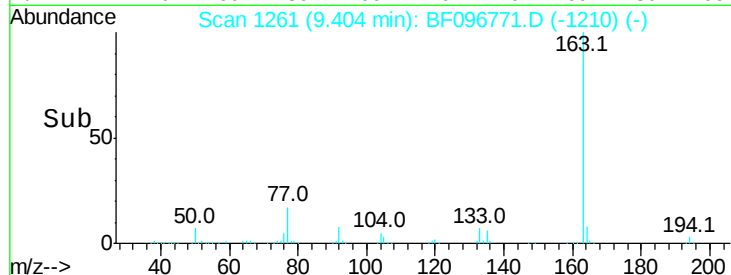
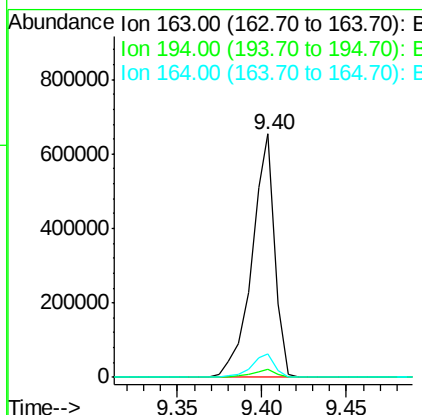
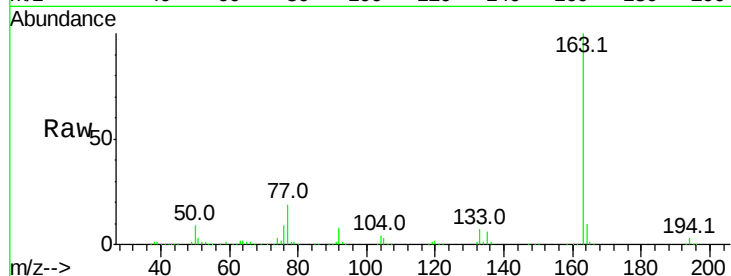




#49
Dimethylphthalate
Concen: 38.415 ng
RT: 9.40 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

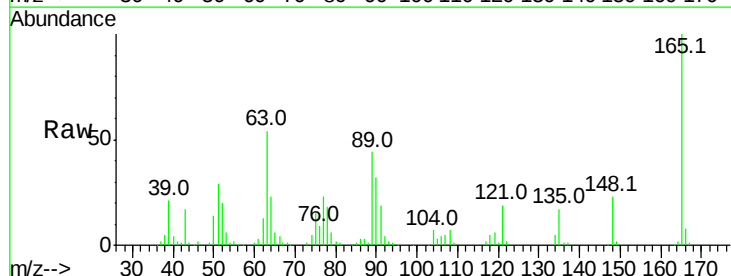
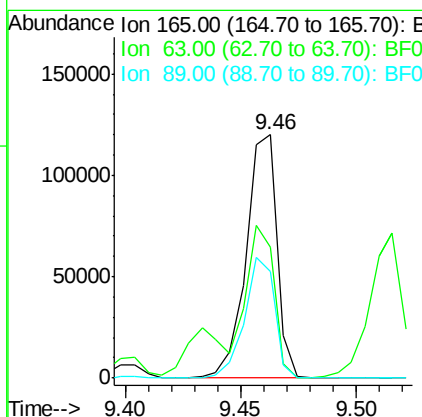
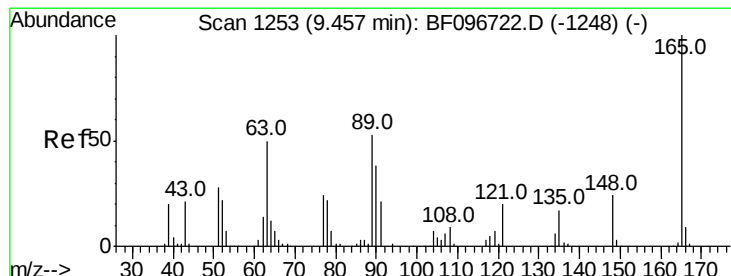
Instrument :
BNA_F
ClientSampleId :

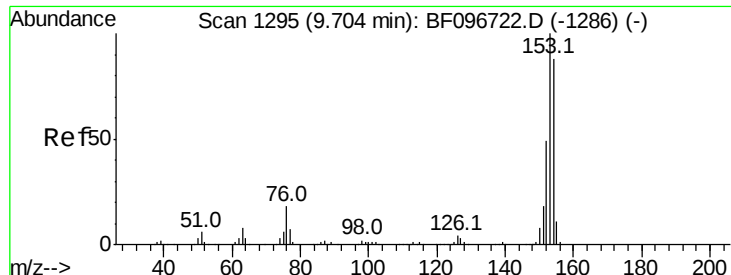
Tot Ion:163 Resp: 614073
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 32.534 ng
RT: 9.46 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:165 Resp: 112647
Ion Ratio Lower Upper
165 100
63 53.7 34.3 51.5#
89 44.1 37.1 55.7





#51

Acenaphthene

Concen: 28.942 ng

RT: 9.70 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

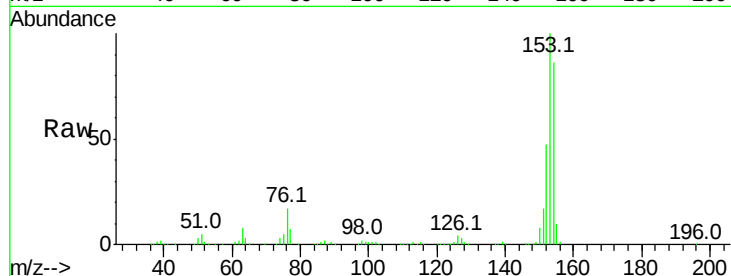
Tot Ion:154 Resp: 365226

Ion Ratio Lower Upper

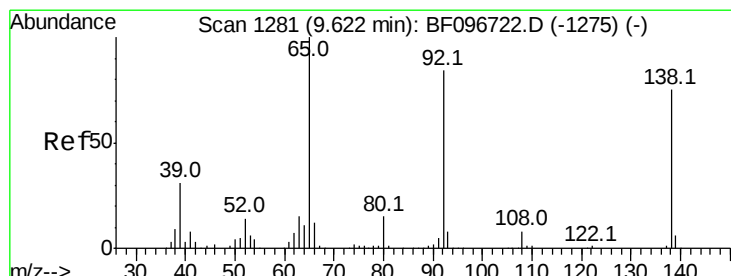
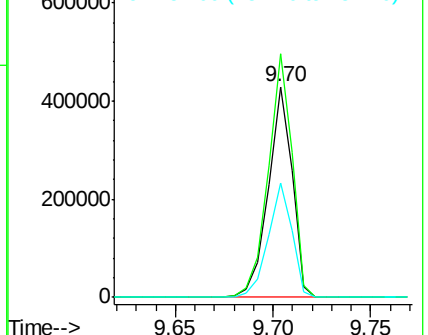
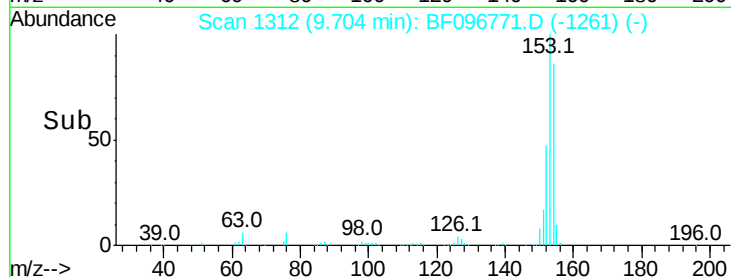
154 100

153 115.7 90.5 135.7

152 54.5 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: 28.791 ng

RT: 9.62 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

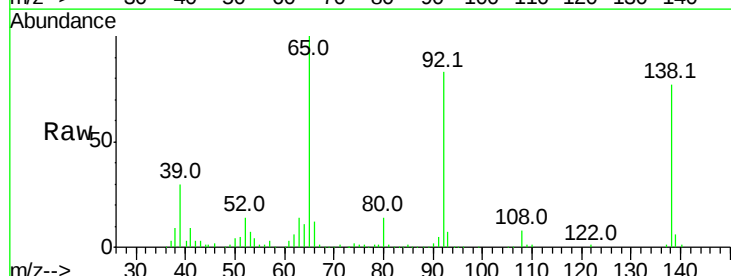
Tgt Ion:138 Resp: 118094

Ion Ratio Lower Upper

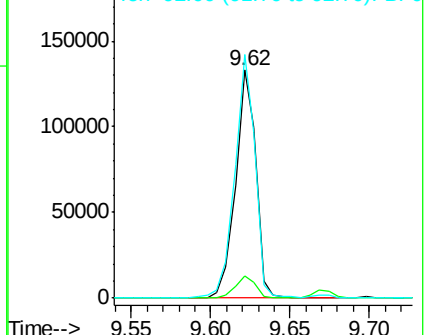
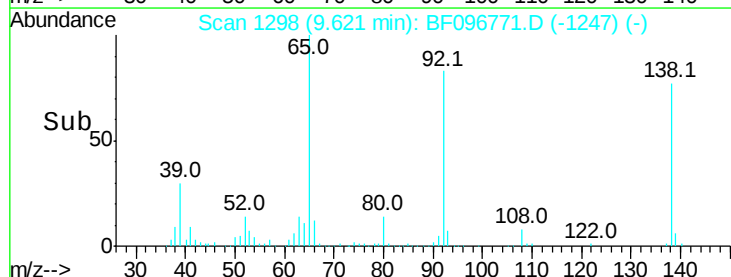
138 100

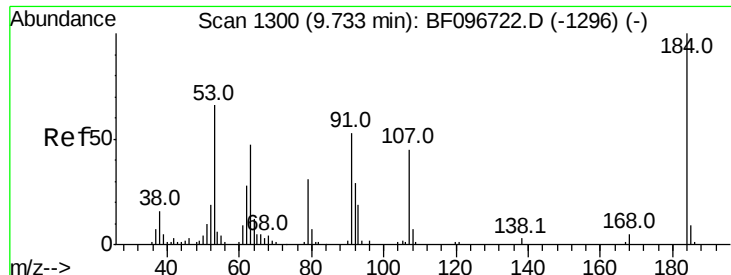
108 9.8 9.1 13.7

92 106.9 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

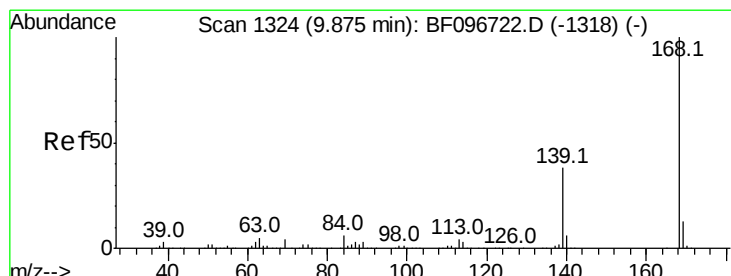
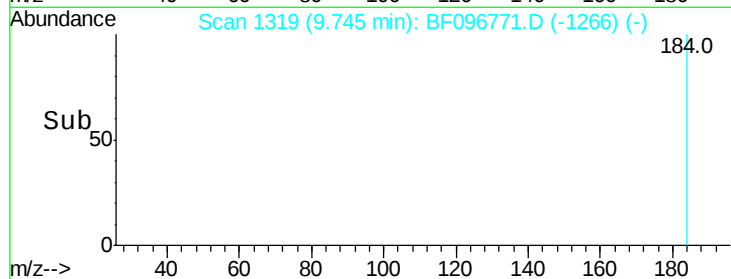
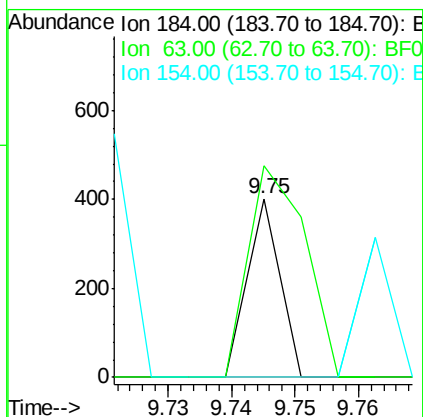
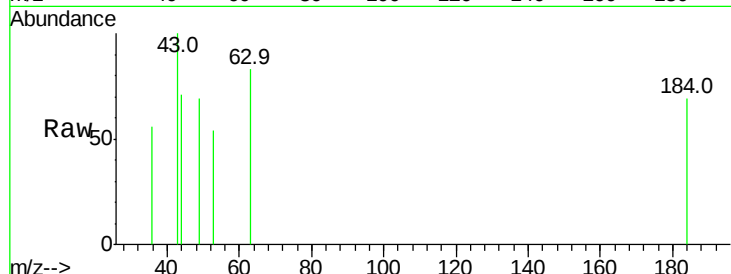




#53
 2,4-Dinitrophenol
 Concen: 6.817 ng
 RT: 9.75 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

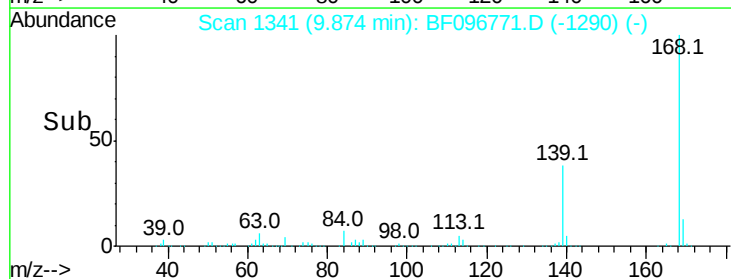
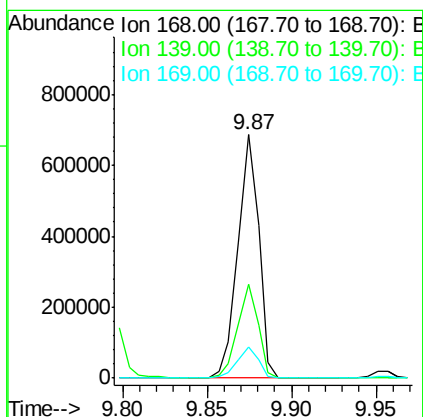
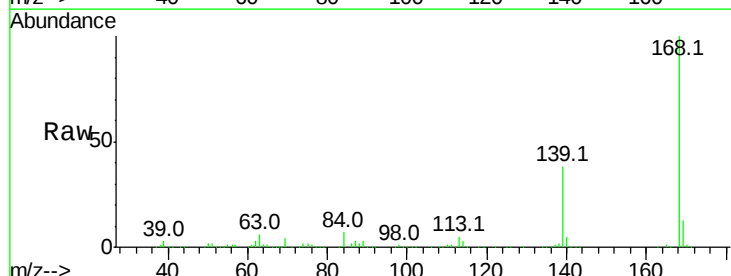
Instrument :
 BNA_F
 ClientSampleId :

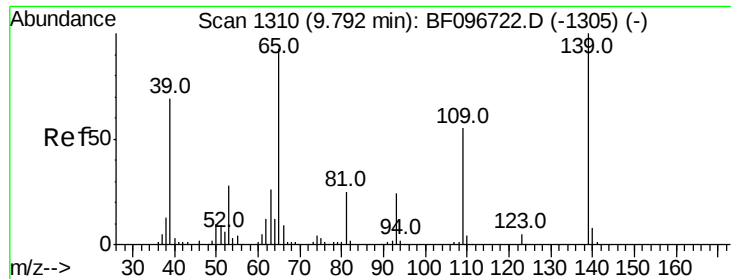
Tot Ion:184 Resp: 142
 Ion Ratio Lower Upper
 184 100
 63 119.0 62.7 94.1#
 154 0.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 33.481 ng
 RT: 9.87 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion:168 Resp: 592072
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.6 45.8
 169 12.9 10.8 16.2

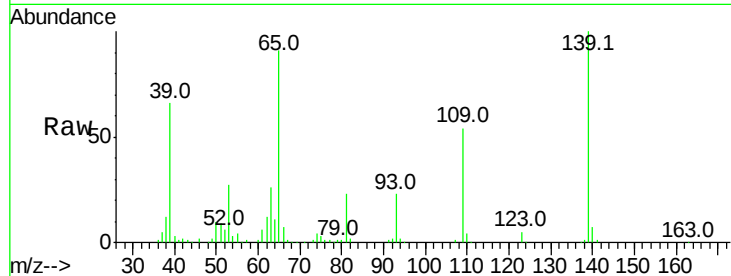




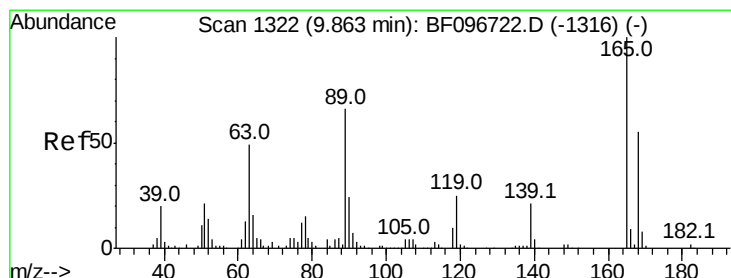
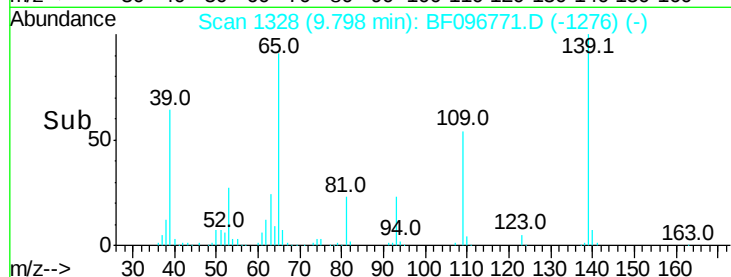
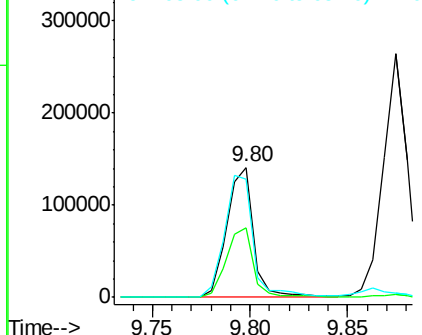
#55
4-Nitrophenol
Concen: 44.801 ng
RT: 9.80 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 134251
Ion Ratio Lower Upper
139 100
109 53.8 34.1 74.1
65 91.1 31.4 71.4#

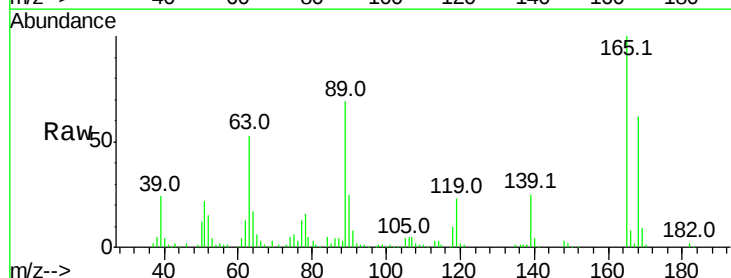


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

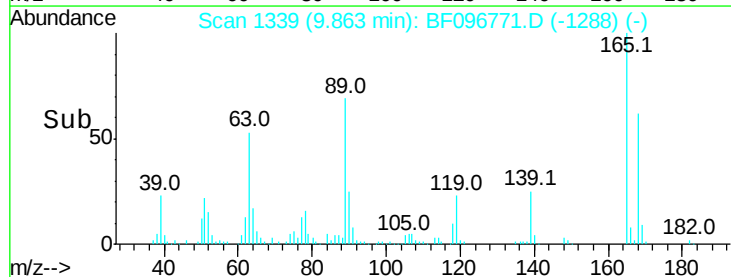
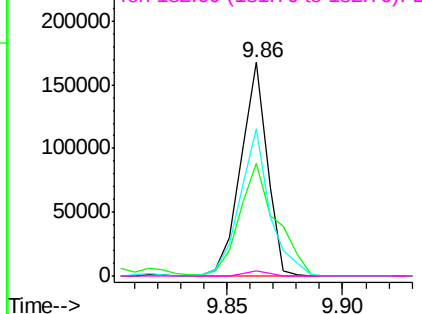


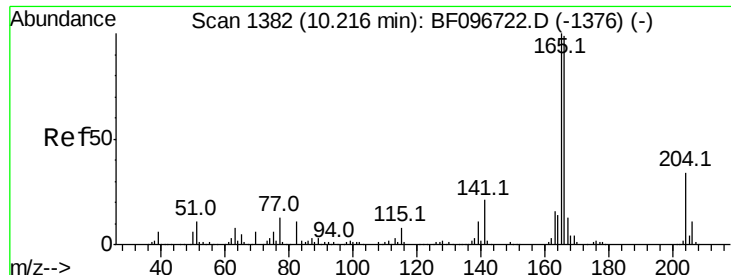
#56
2,4-Dinitrotoluene
Concen: 30.272 ng
RT: 9.86 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:165 Resp: 134687
Ion Ratio Lower Upper
165 100
63 52.7 25.4 38.0#
89 69.2 46.4 69.6
182 2.2 1.8 2.6



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

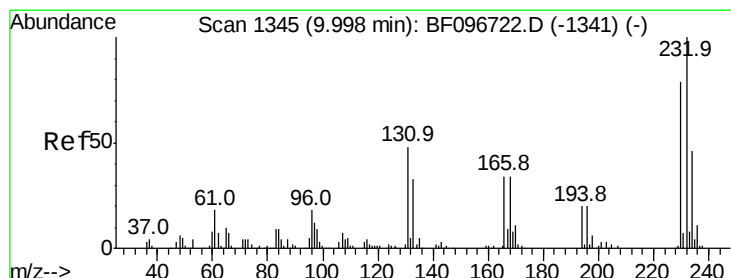
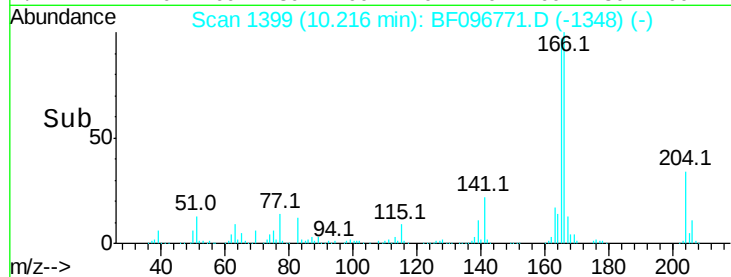
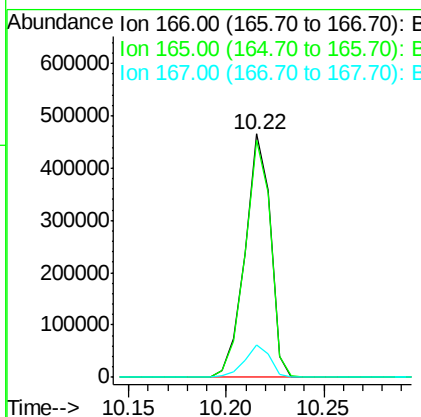
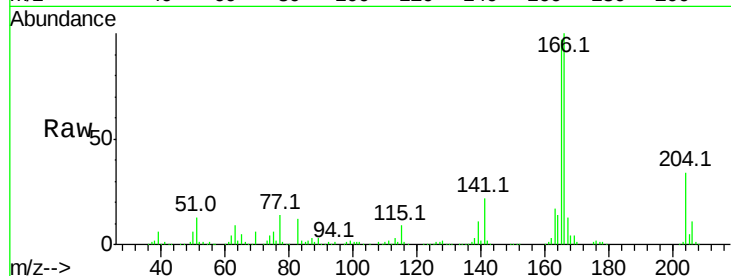




#57
 Fluorene
 Concen: 32.170 ng
 RT: 10.22 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

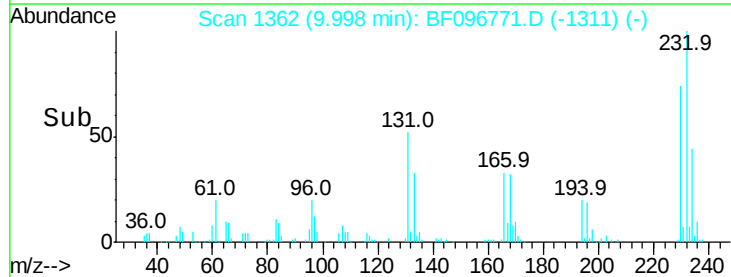
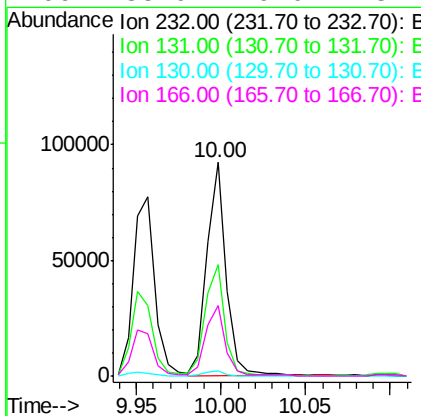
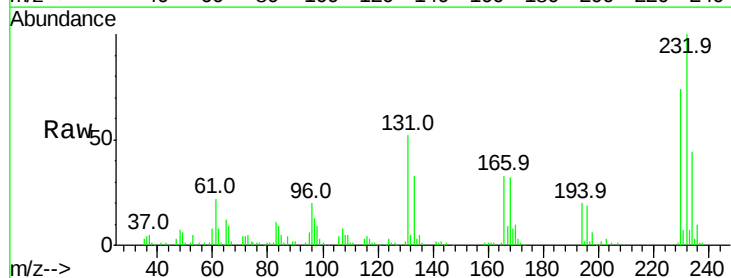
Instrument :
 BNA_F
 ClientSampleId :

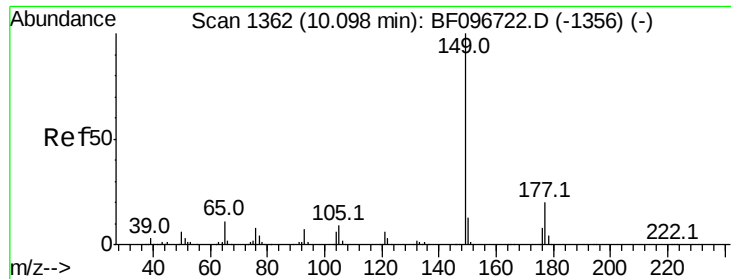
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.765 ng
 RT: 10.00 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.9	44.8	67.2
130	2.4	2.3	3.5
166	33.9	29.0	43.4

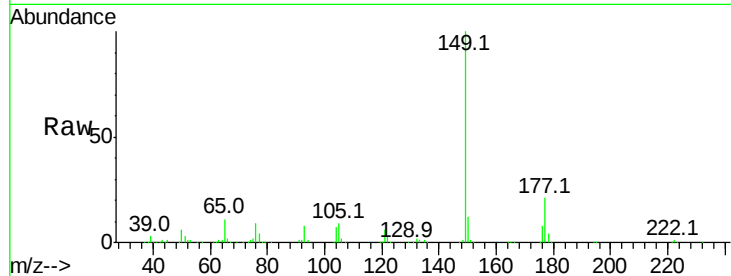




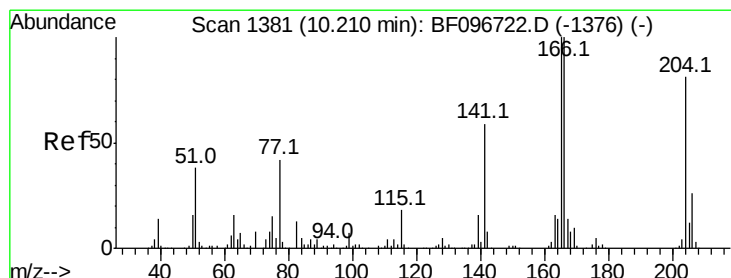
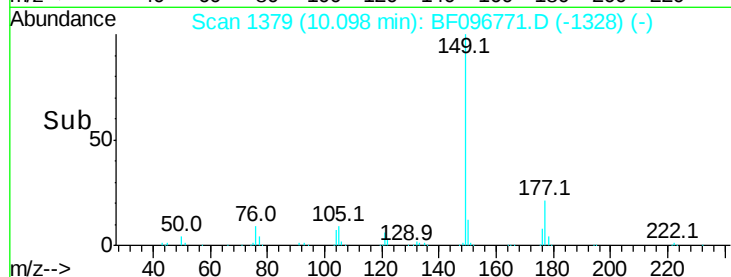
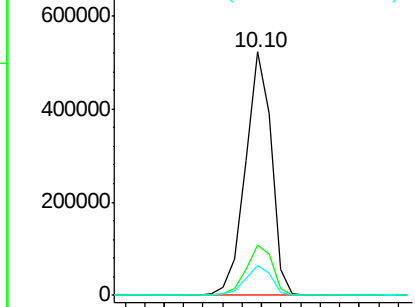
#59
Diethylphthalate
Concen: 30.875 ng
RT: 10.10 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 480460
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.5 10.2 15.2

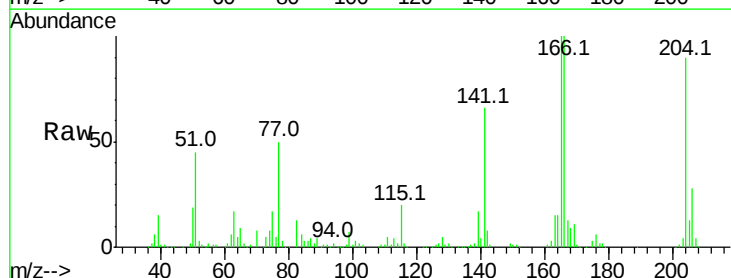


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

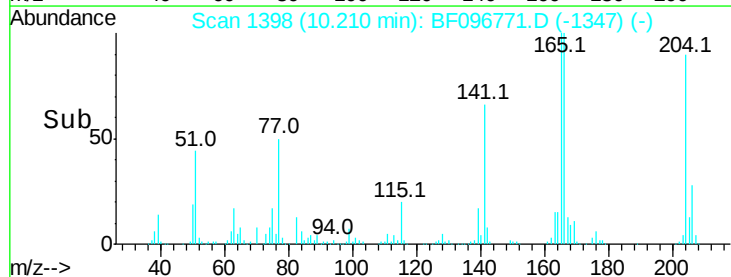
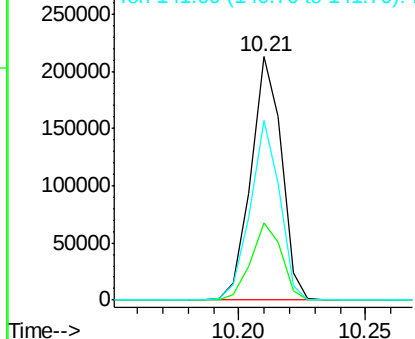


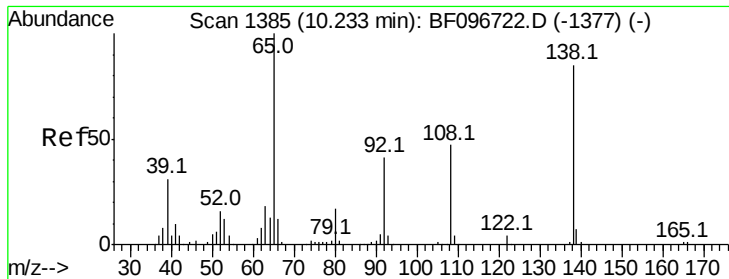
#60
4-Chlorophenyl-phenylether
Concen: 30.374 ng
RT: 10.21 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:204 Resp: 179373
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.2
141 73.6 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.224 ng

RT: 10.23 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

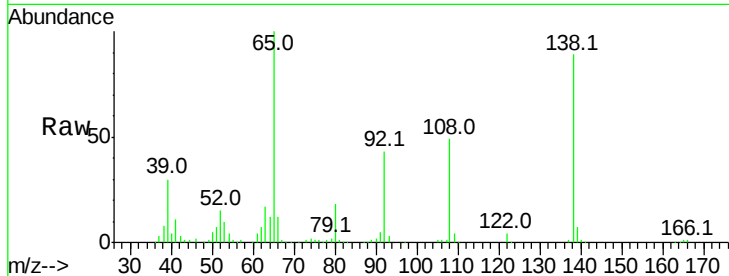
Tot Ion:138 Resp: 112564

Ion Ratio Lower Upper

138 100

92 48.0 21.8 61.8

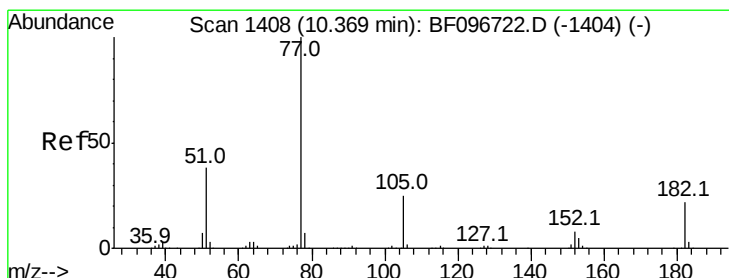
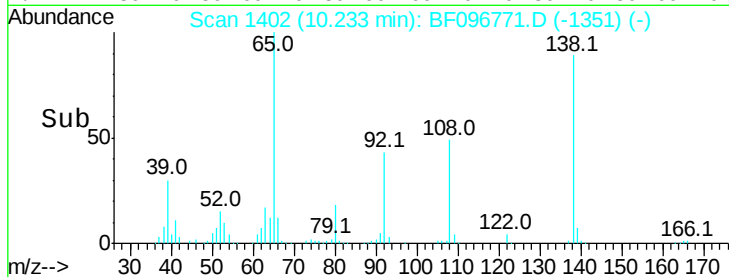
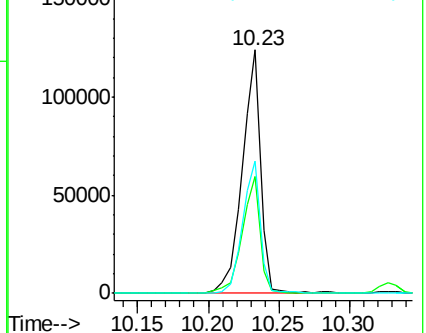
108 54.4 42.3 82.3



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: 33.851 ng

RT: 10.37 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Tgt Ion: 77 Resp: 464716

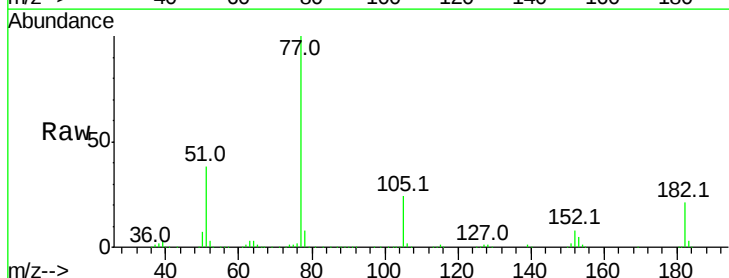
Ion Ratio Lower Upper

77 100

182 20.7 0.1 40.1

105 23.9 3.6 43.6

51 37.8 9.4 49.4

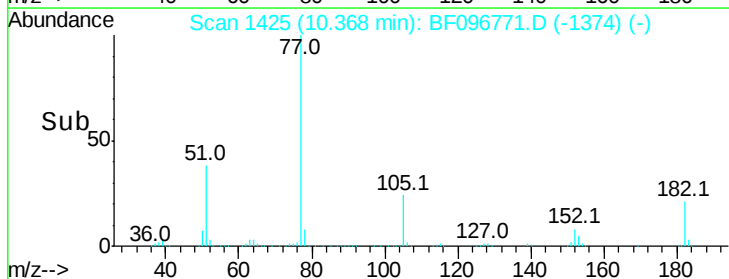
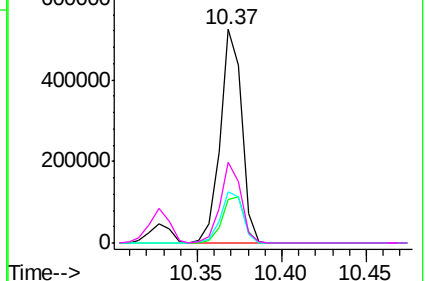


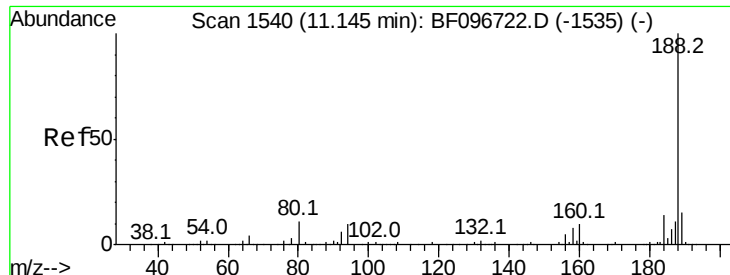
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.000 ng

RT: 11.14 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

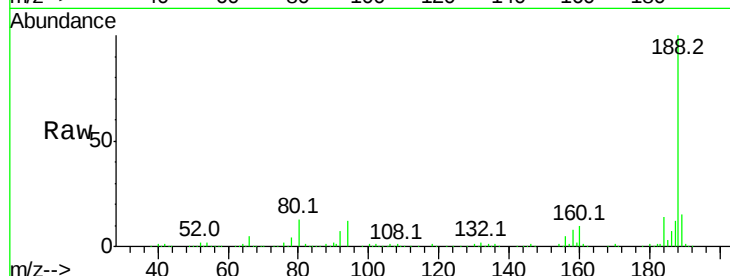
Tot Ion:188 Resp: 314971

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

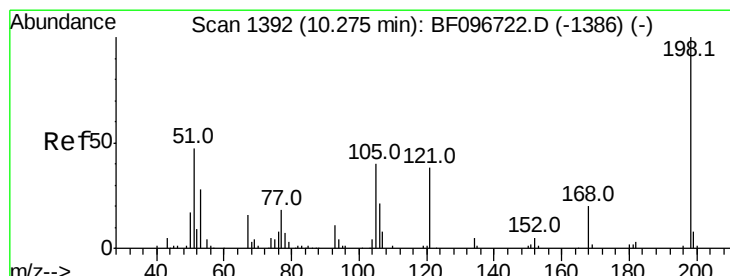
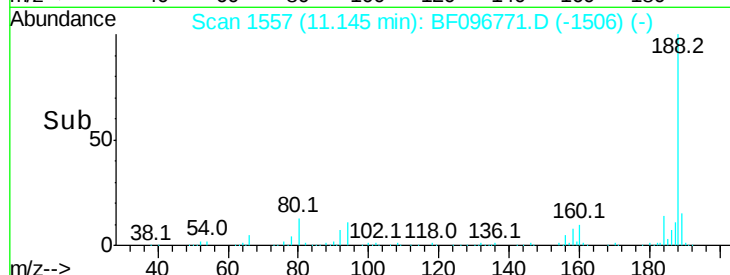
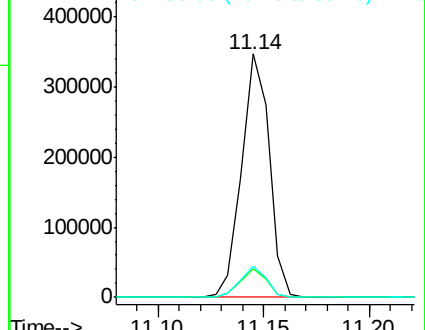
80 12.6 10.2 15.2



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: 2.377 ng

RT: 10.27 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

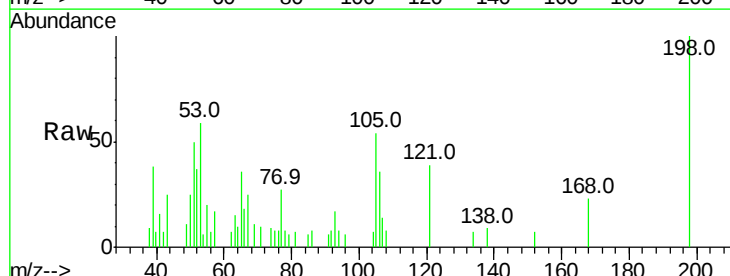
Tgt Ion:198 Resp: 4700

Ion Ratio Lower Upper

198 100

51 50.1 53.2 93.2#

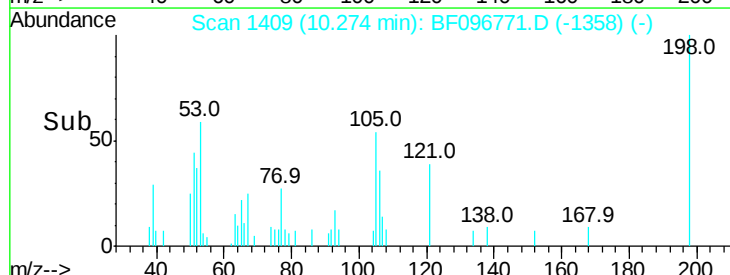
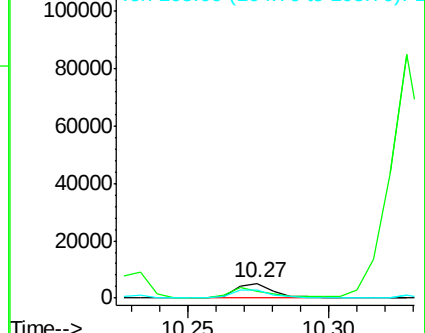
105 54.4 45.8 85.8

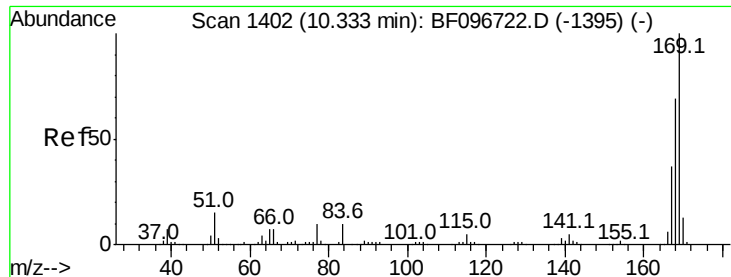


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

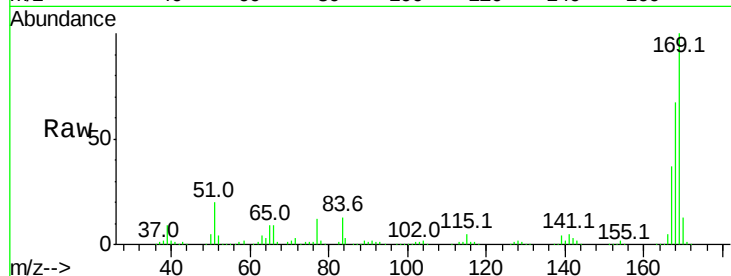




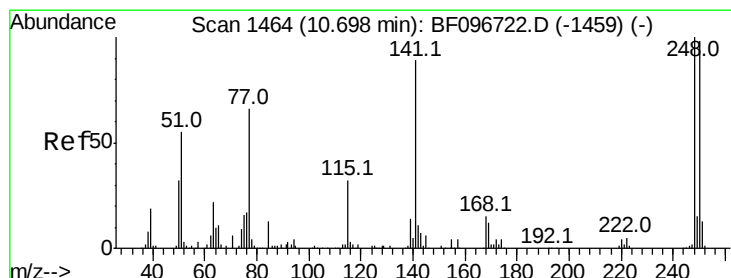
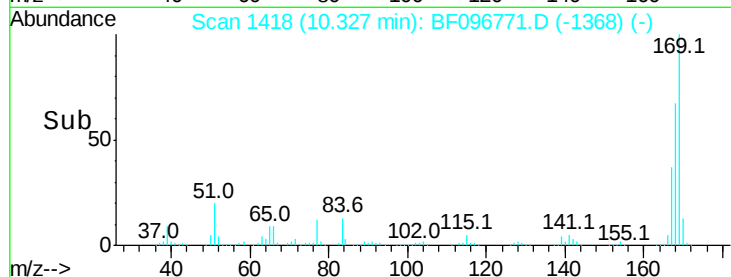
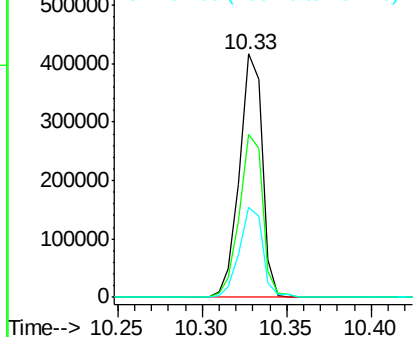
#65
 n-Nitrosodiphenylamine
 Concen: 34.955 ng
 RT: 10.33 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 393563
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 36.9 29.5 44.3

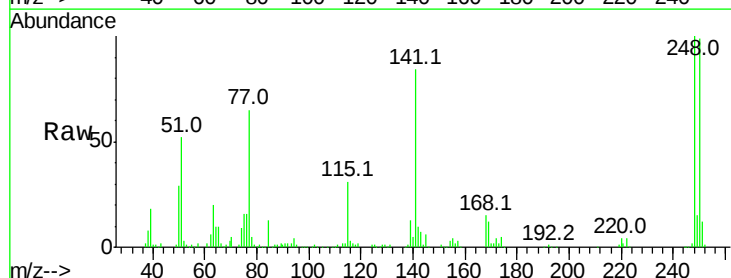


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

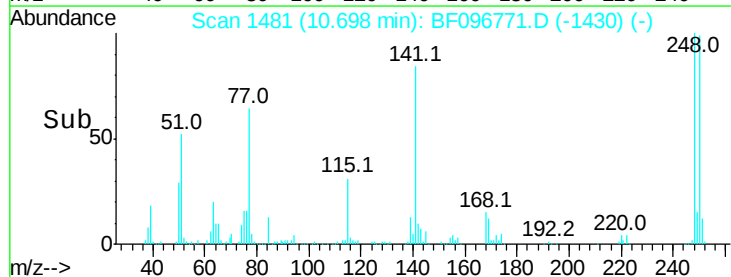
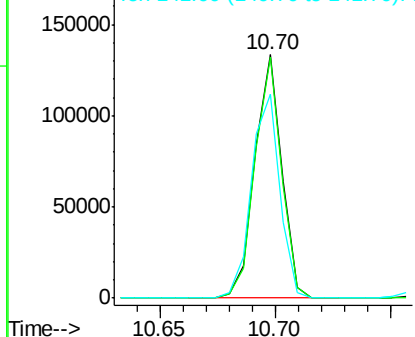


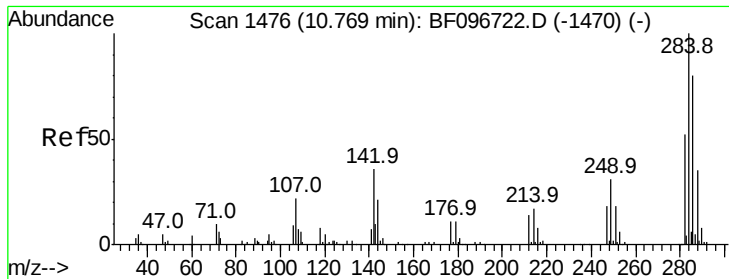
#66
 4-Bromophenyl-phenylether
 Concen: 33.923 ng
 RT: 10.70 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion:248 Resp: 109089
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.8 115.2
 141 83.9 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 30.967 ng

RT: 10.77 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

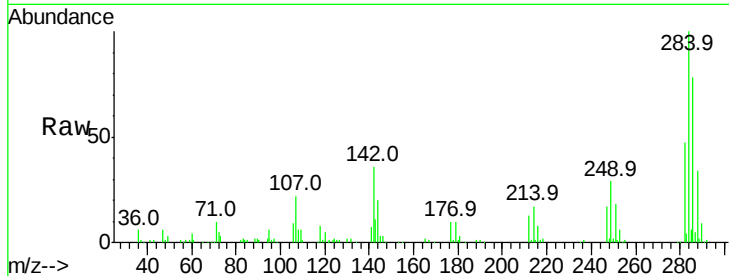
Tot Ion:284 Resp: 110910

Ion Ratio Lower Upper

284 100

142 36.2 22.8 34.2#

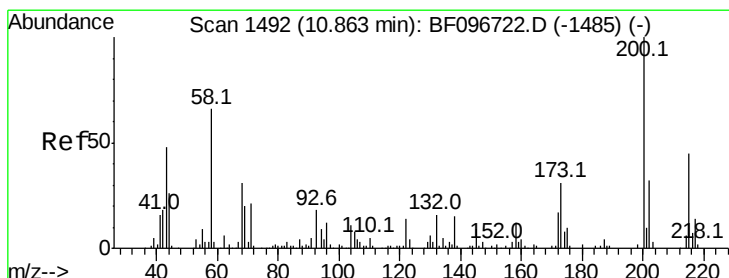
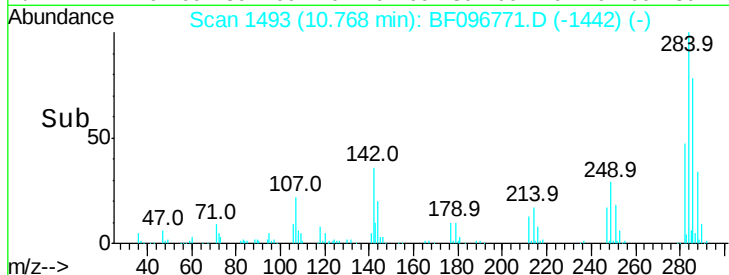
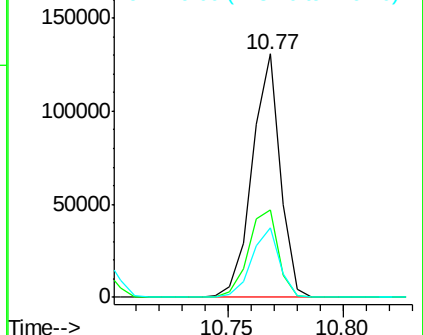
249 28.6 24.0 36.0



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: 34.737 ng

RT: 10.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

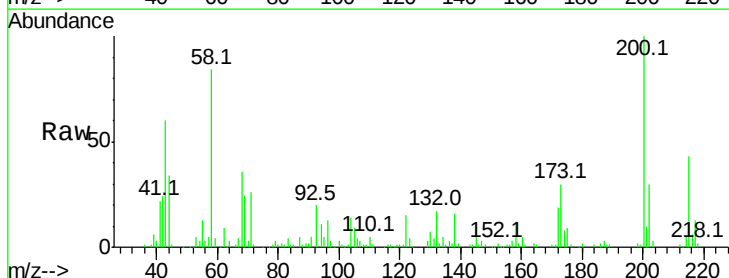
Tgt Ion:200 Resp: 111426

Ion Ratio Lower Upper

200 100

173 30.3 6.3 46.3

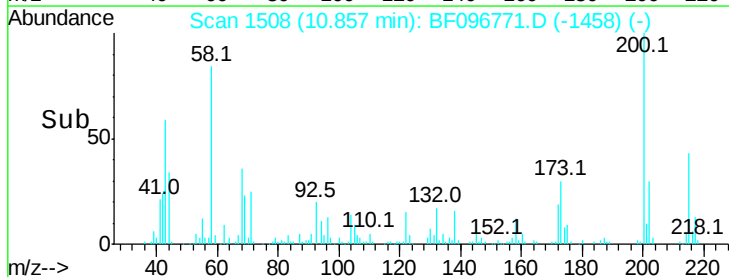
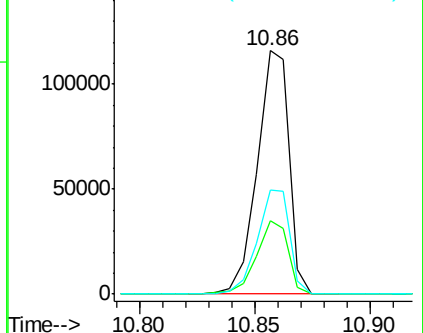
215 42.6 27.2 67.2

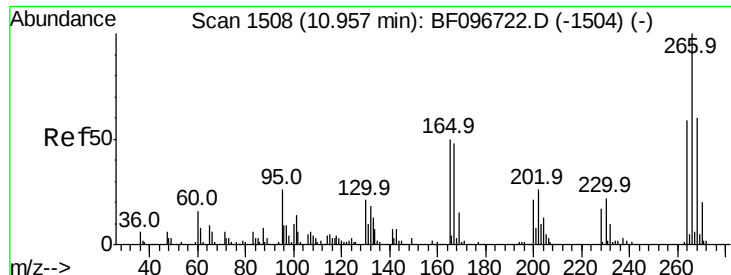


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

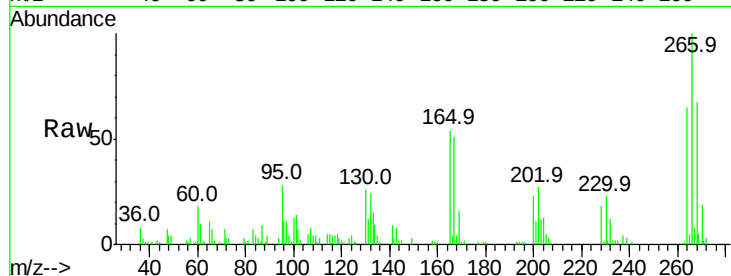




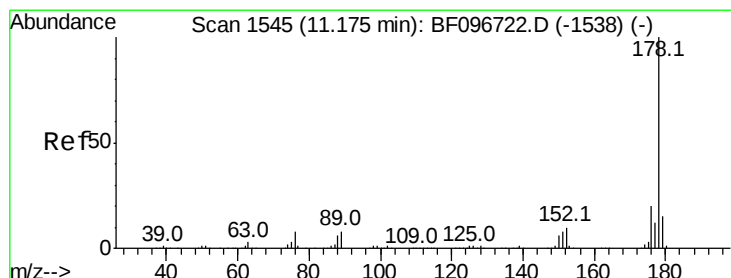
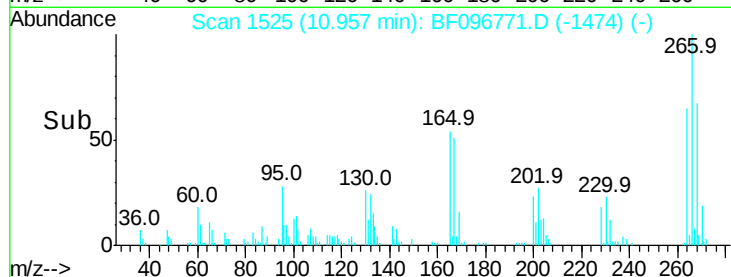
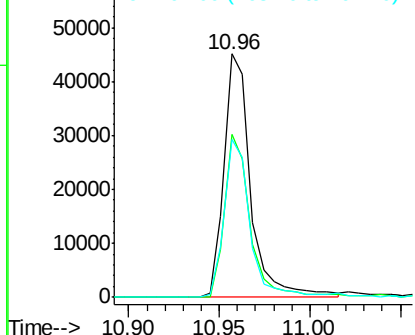
#69
 Pentachlorophenol
 Concen: 26.811 ng
 RT: 10.96 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 46389
 Ion Ratio Lower Upper
 266 100
 268 66.9 51.1 76.7
 264 64.8 51.7 77.5

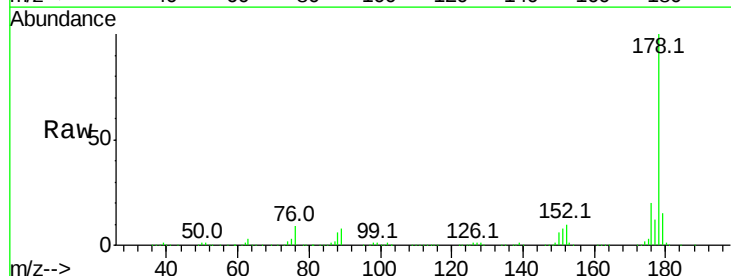


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

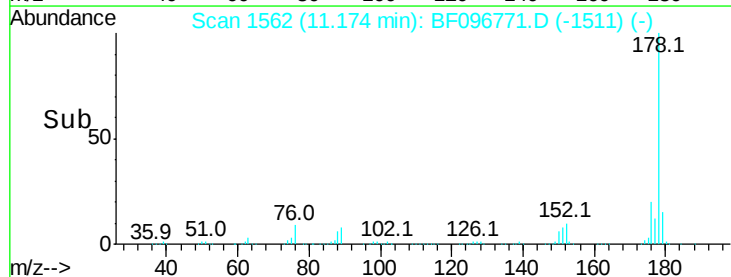
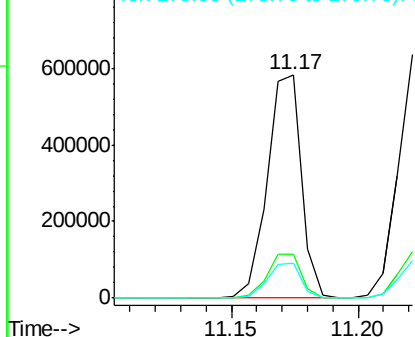


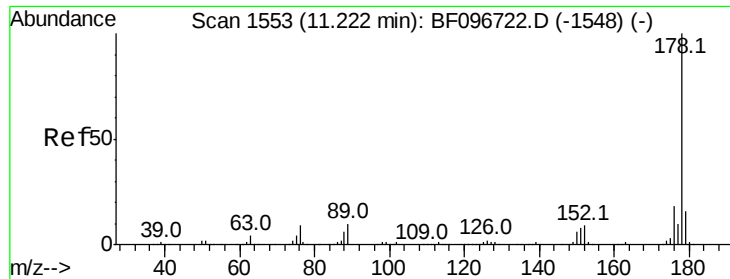
#70
 Phenanthrene
 Concen: 32.196 ng
 RT: 11.17 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion:178 Resp: 551382
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.5 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

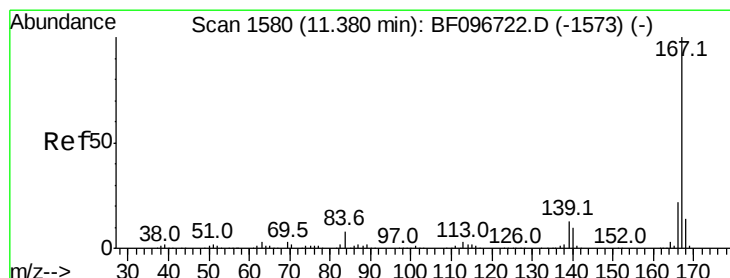
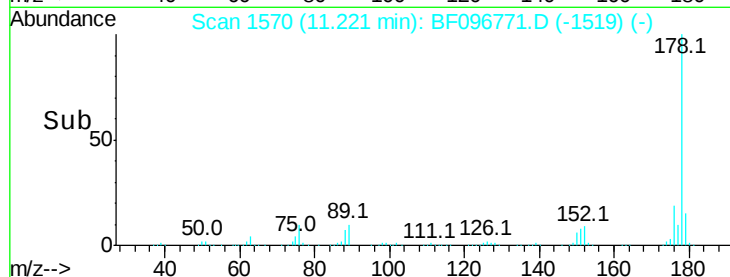
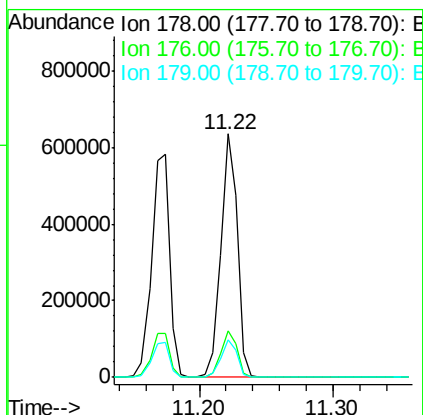
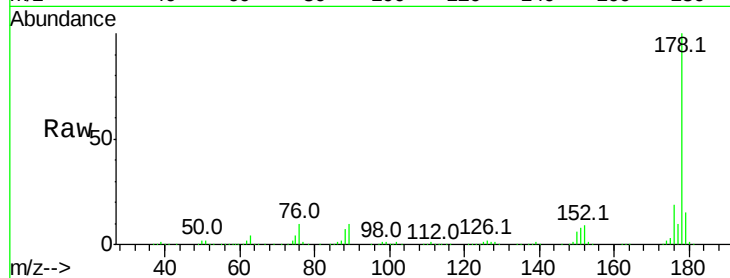




#71
 Anthracene
 Concen: 32.178 ng
 RT: 11.22 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

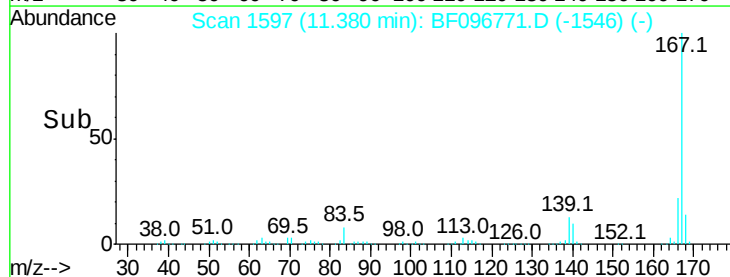
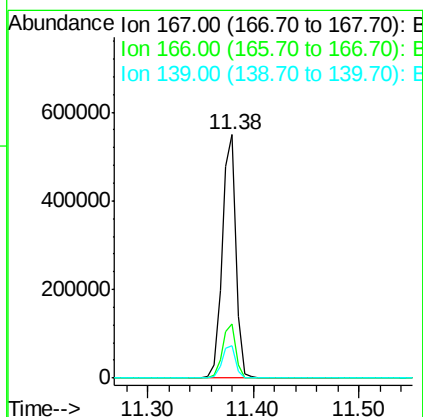
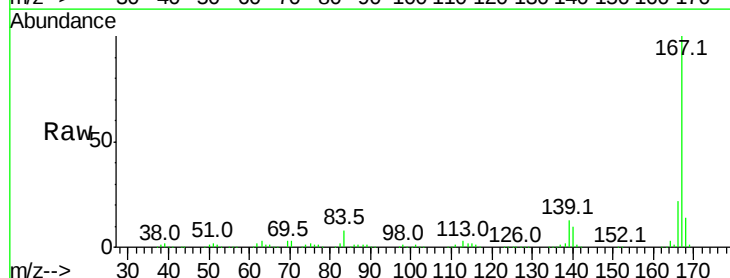
Instrument :
 BNA_F
 ClientSampleId :

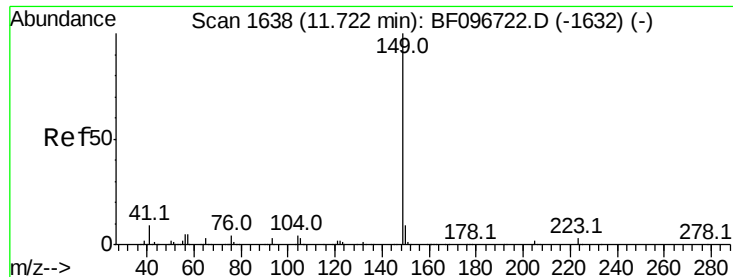
Tot Ion:178 Resp: 557180
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 29.889 ng
 RT: 11.38 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion:167 Resp: 501192
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 32.085 ng

RT: 11.72 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

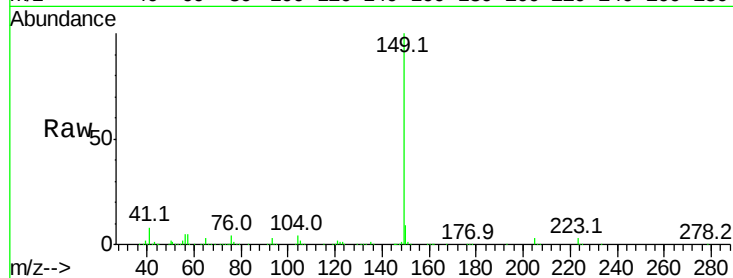
Tot Ion:149 Resp: 670036

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

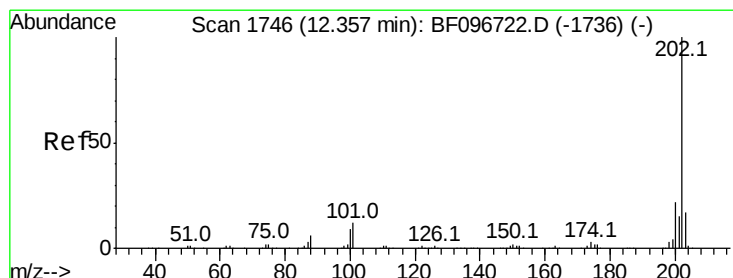
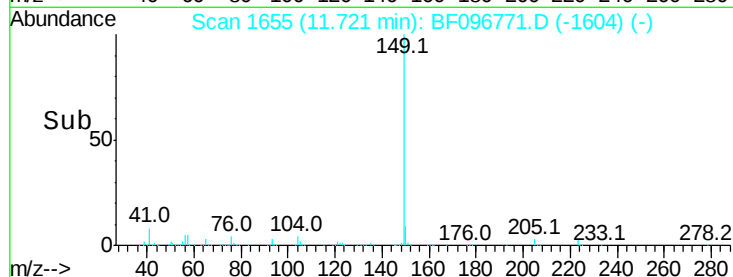
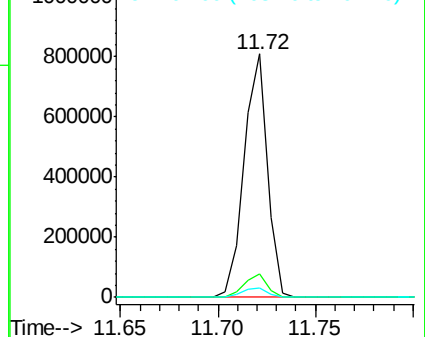
104 4.0 4.0 6.0



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: 28.197 ng

RT: 12.35 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

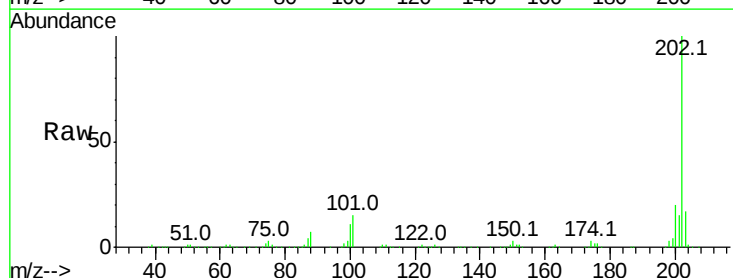
Tgt Ion:202 Resp: 462227

Ion Ratio Lower Upper

202 100

101 15.1 0.0 33.2

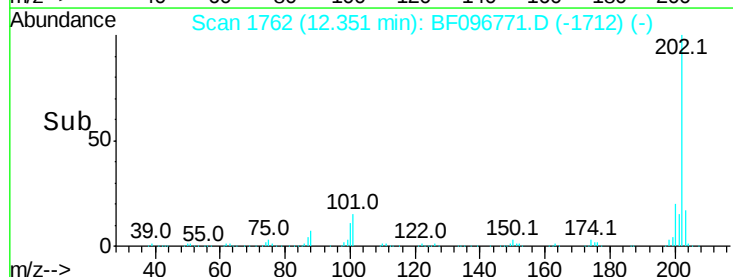
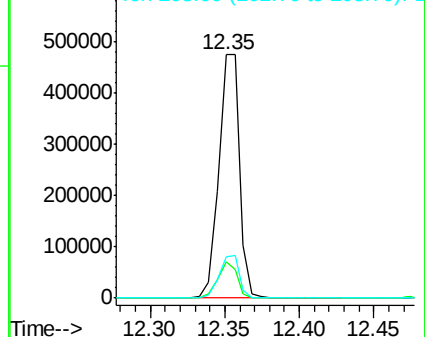
203 16.9 0.0 38.1

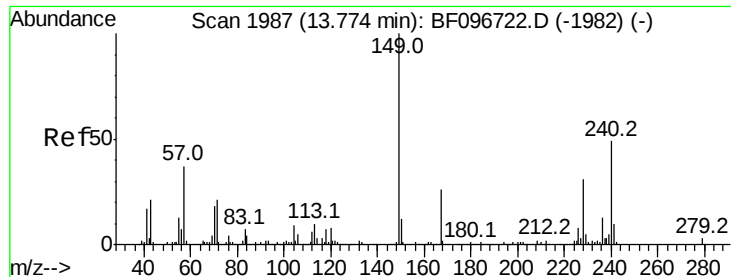


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

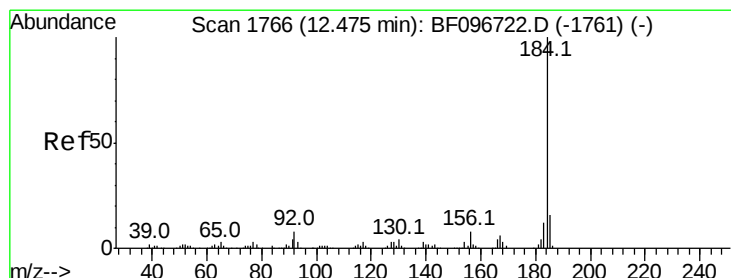
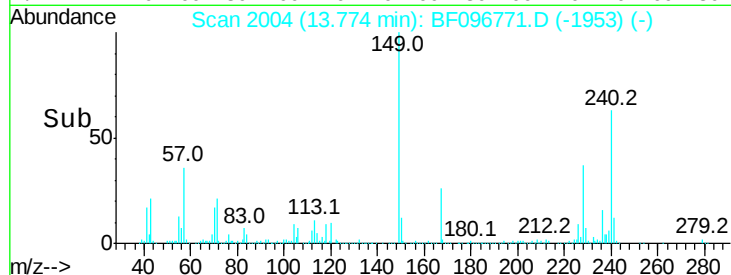
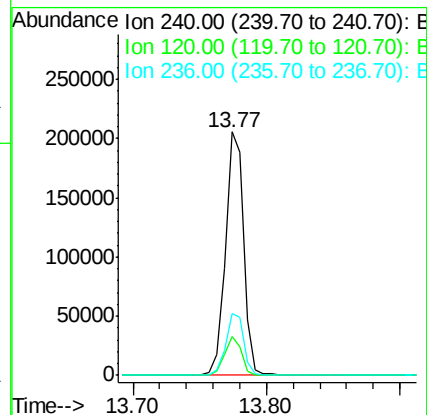
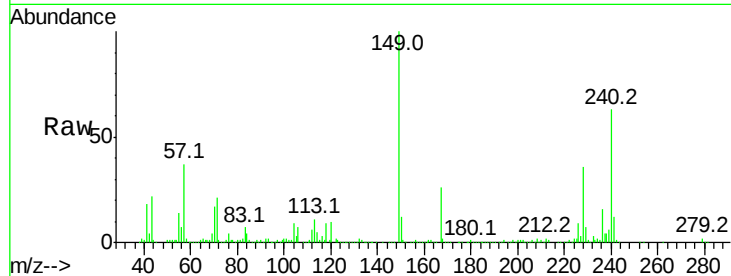
Tot Ion:240 Resp: 198701

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

236 25.4 20.5 30.7



#76

Benzidine

Concen: 34.753 ng

RT: 12.47 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

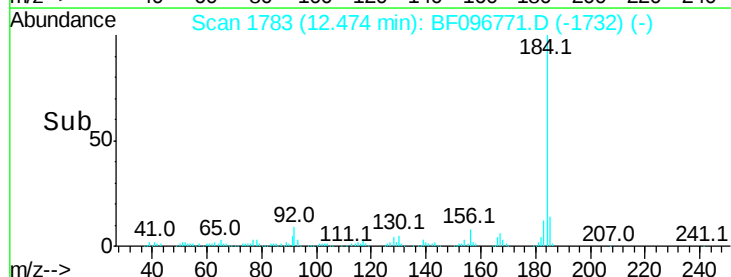
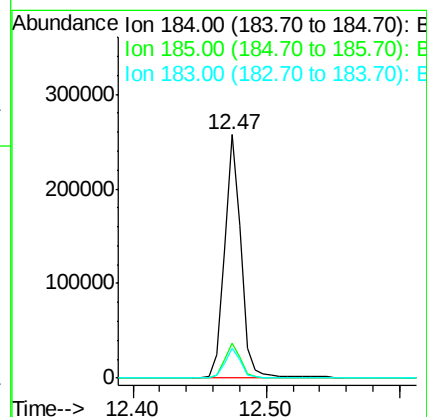
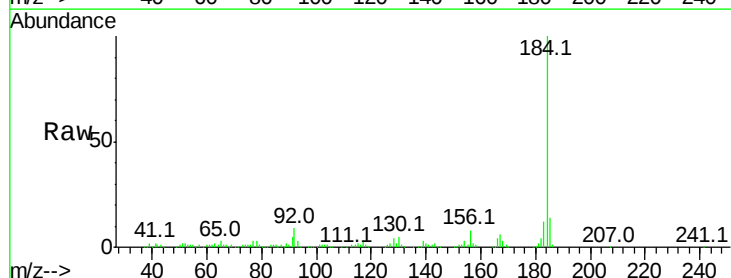
Tgt Ion:184 Resp: 226228

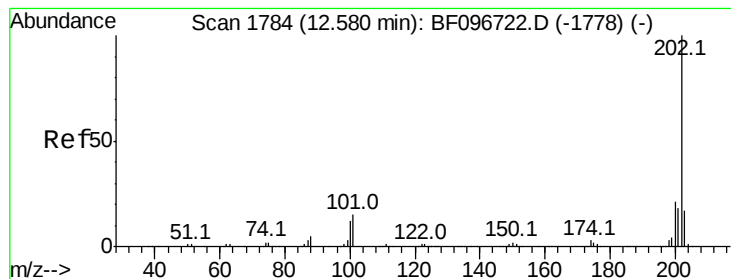
Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

183 12.0 9.8 14.6





#77

Pvrene

Concen: 25.361 ng

RT: 12.58 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

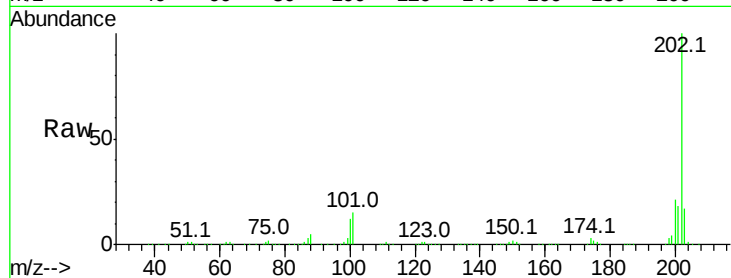
Tot Ion:202 Resp: 457338

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

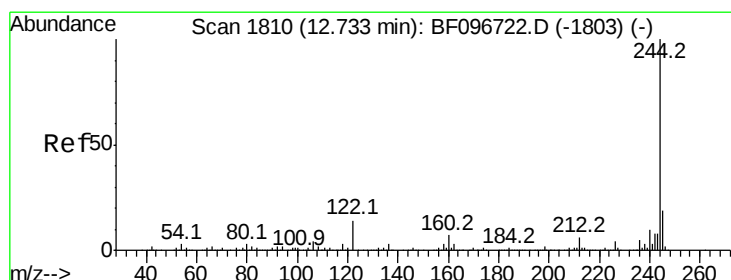
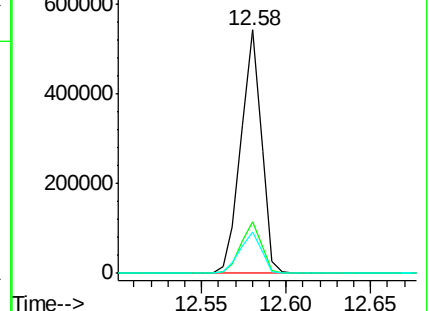
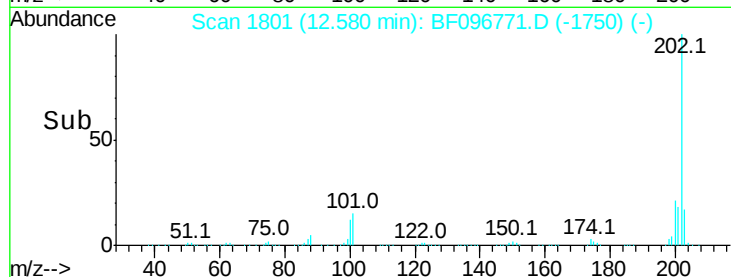
203 17.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 44.117 ng

RT: 12.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

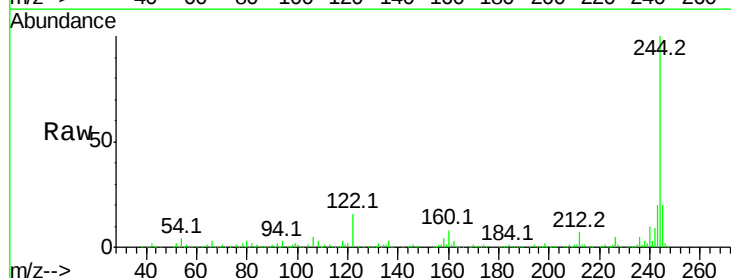
Tgt Ion:244 Resp: 505467

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

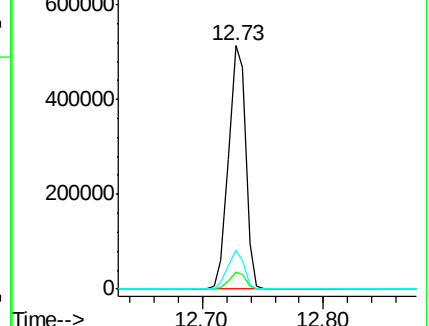
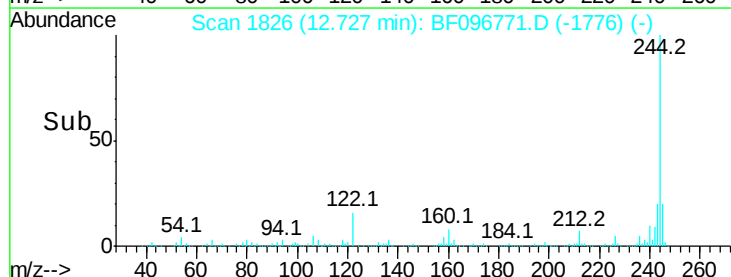
122 16.1 10.3 15.5#

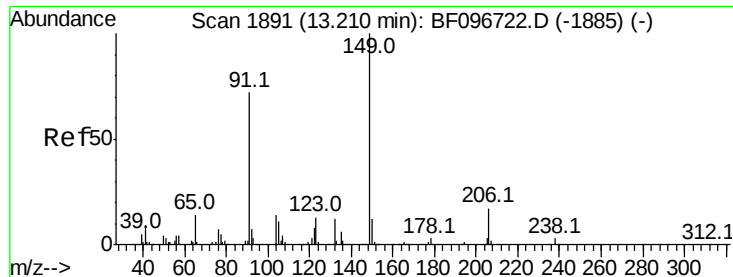


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.144 ng

RT: 13.21 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BF096771.D

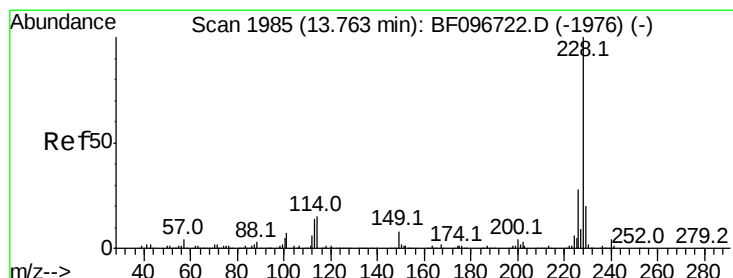
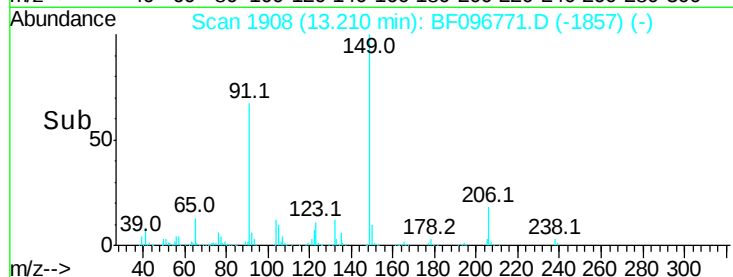
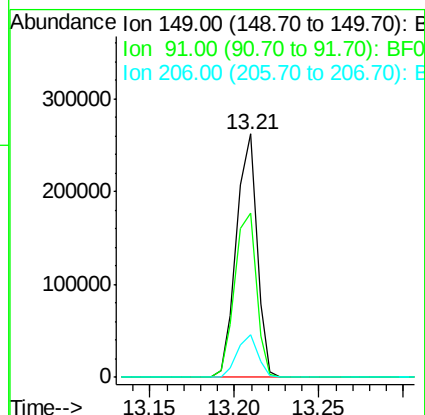
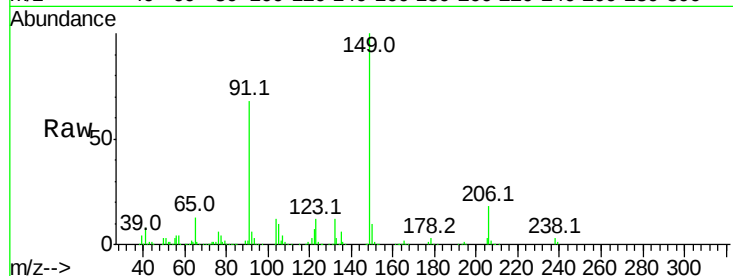
Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	223391
Ion Ratio	Lower	Upper	
149	100		
91	67.6	45.0	67.4#
206	17.6	17.0	25.6



#80

Benzo(a)anthracene

Concen: 29.702 ng

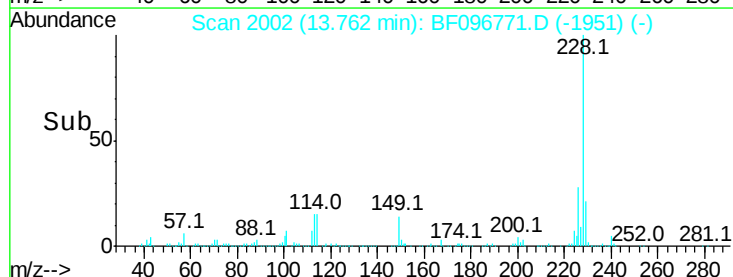
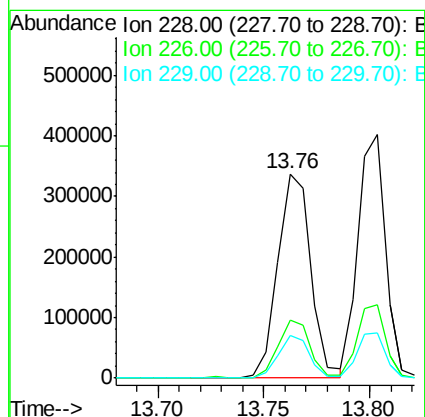
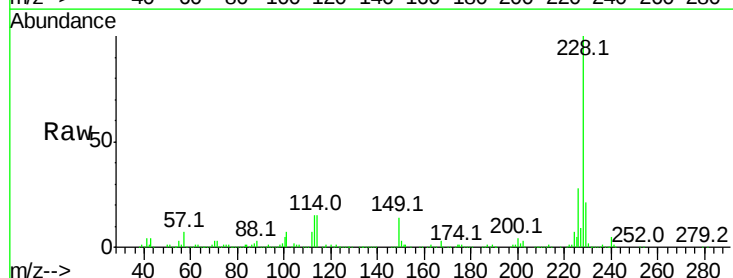
RT: 13.76 min Scan# 2002

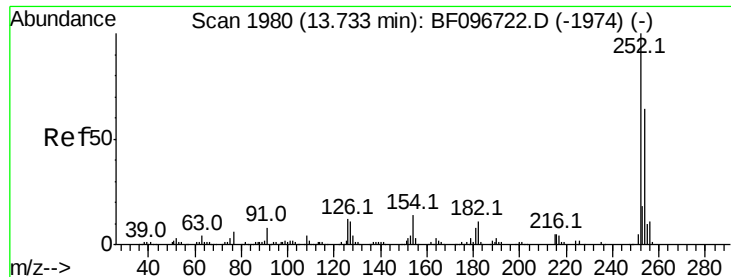
Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Tgt Ion:	228	Resp:	367726
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	20.7	16.3	24.5

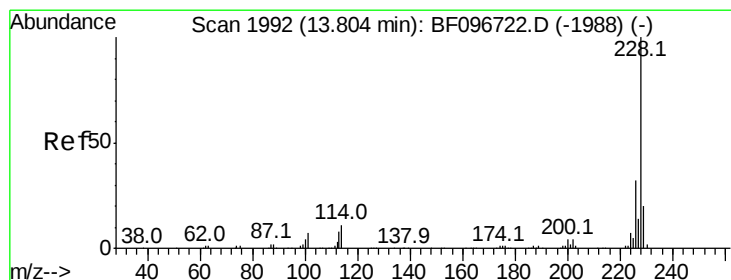
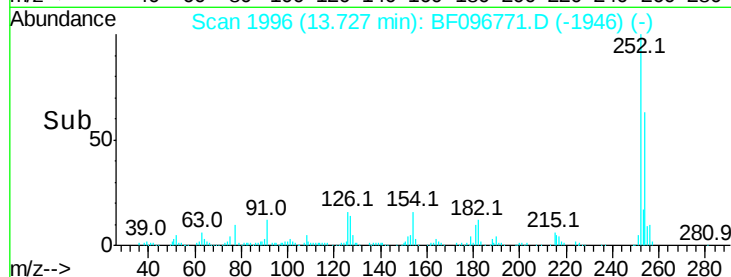
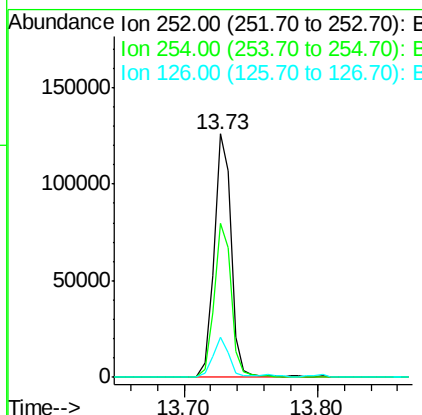
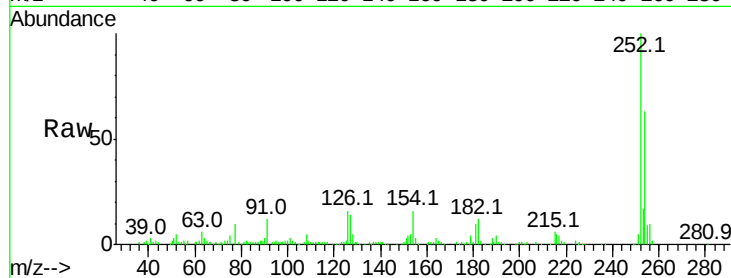




#81
 3,3'-Dichlorobenzidine
 Concen: 25.799 ng
 RT: 13.73 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

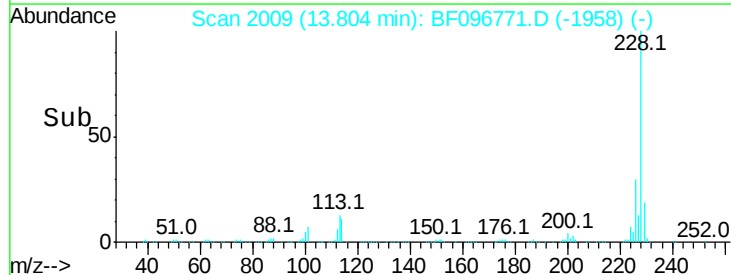
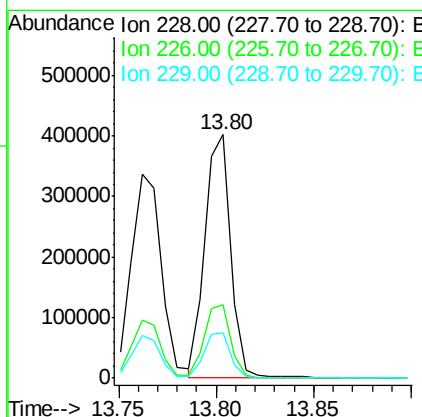
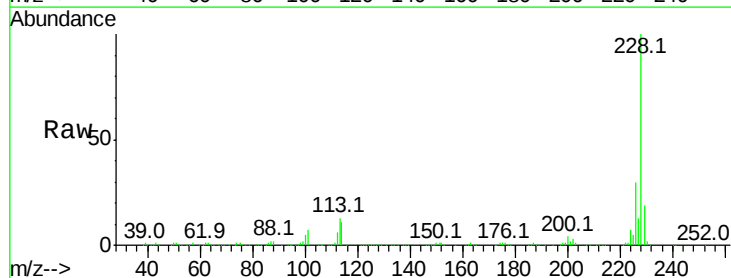
Instrument :
 BNA_F
 ClientSampleId :

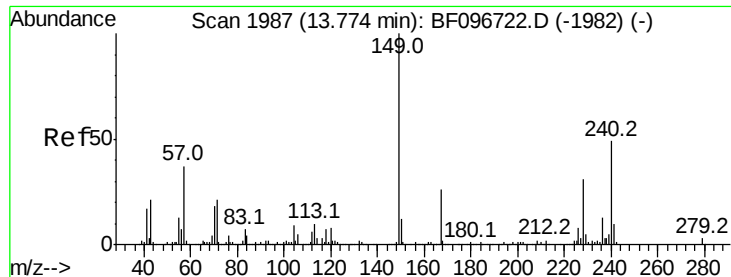
Tot Ion:252 Resp: 114859
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.5 77.3
 126 16.4 15.8 23.8



#82
 Chrysene
 Concen: 30.140 ng
 RT: 13.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion:228 Resp: 367347
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 18.8 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.571 ng

RT: 13.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :

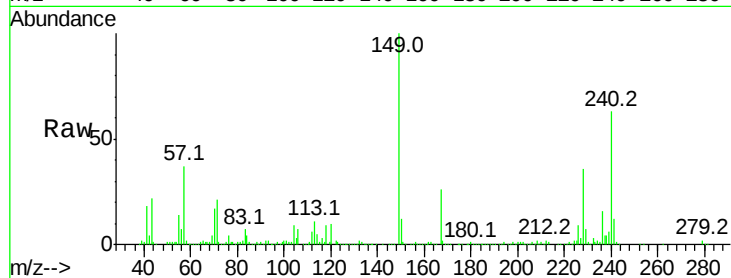
Tot Ion:149 Resp: 287685

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

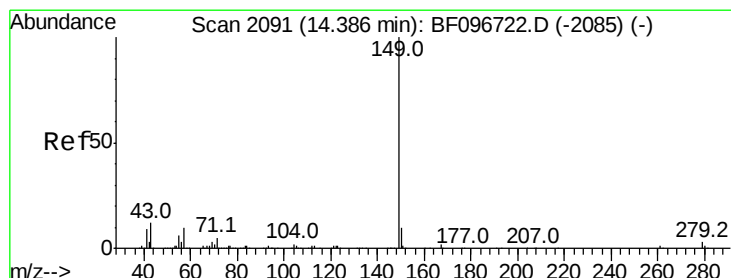
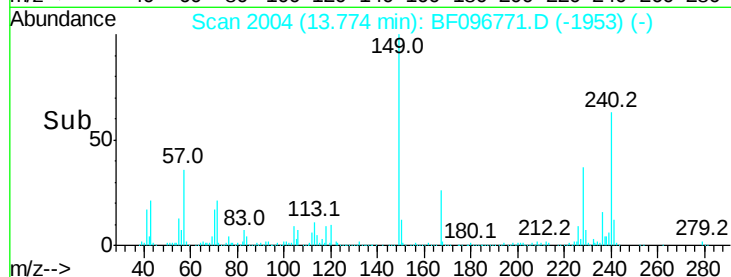
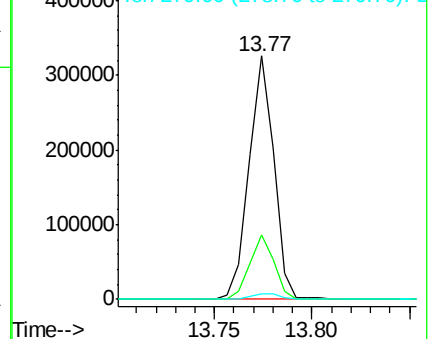
279 2.4 1.9 2.9



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: 30.504 ng

RT: 14.38 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

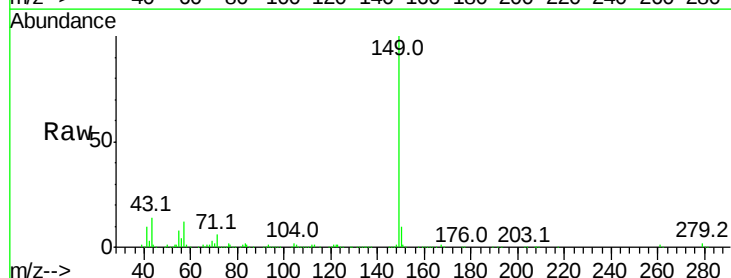
Tgt Ion:149 Resp: 526136

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

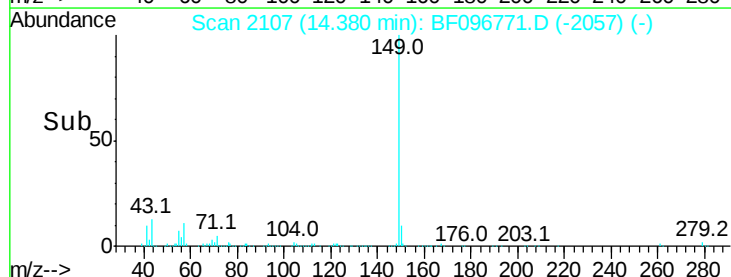
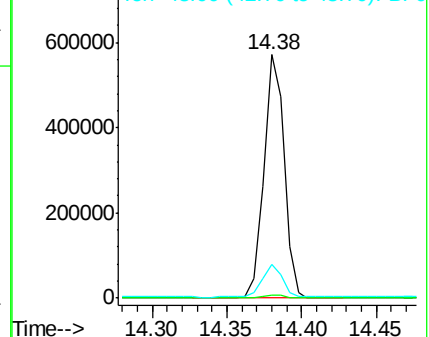
43 13.2 8.5 12.7#

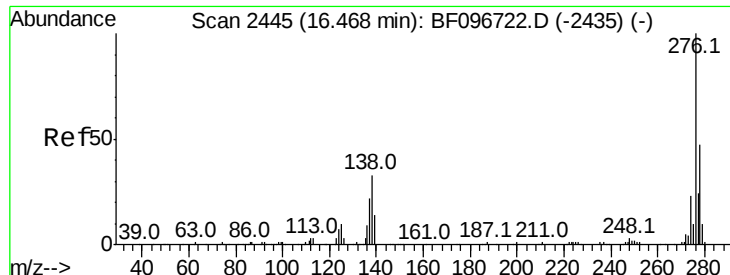


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

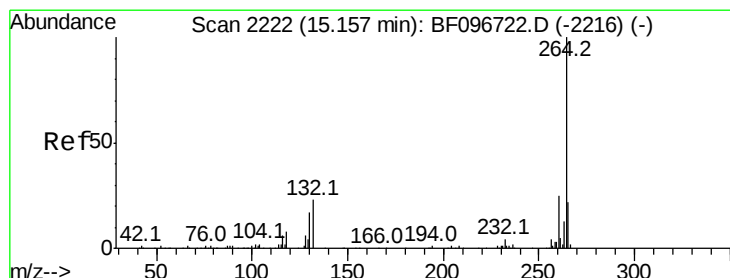
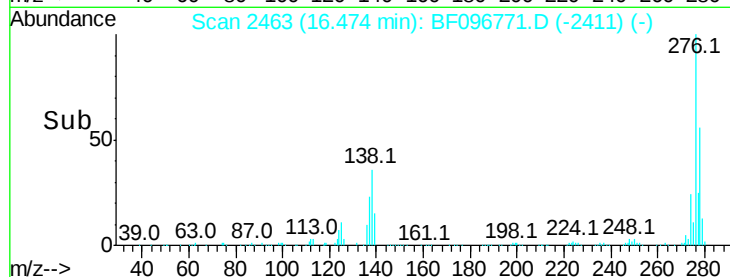
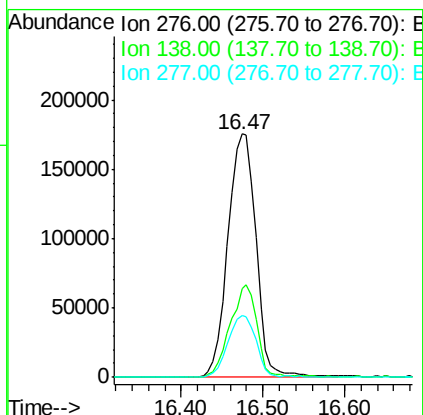
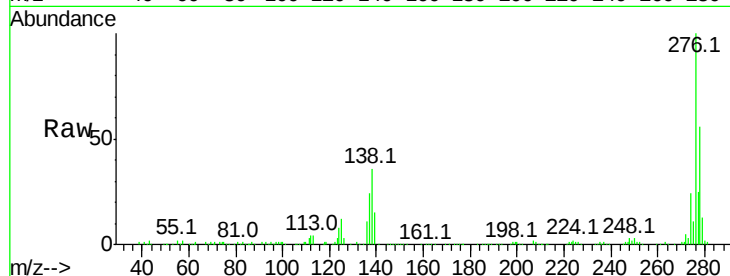




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.424 ng
 RT: 16.47 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

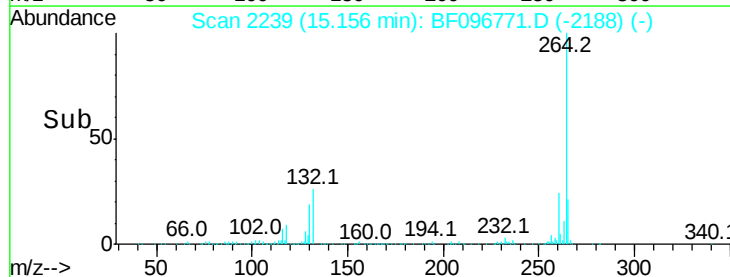
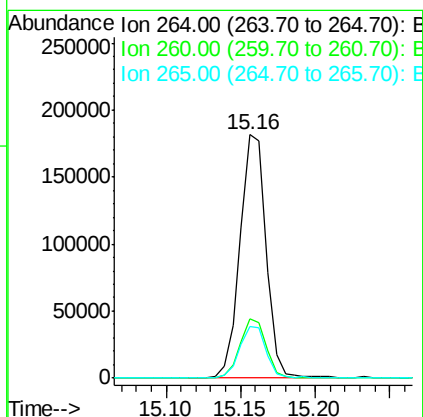
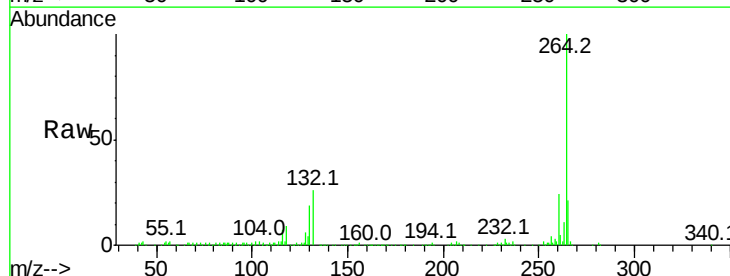
Instrument :
 BNA_F
 ClientSampleId :

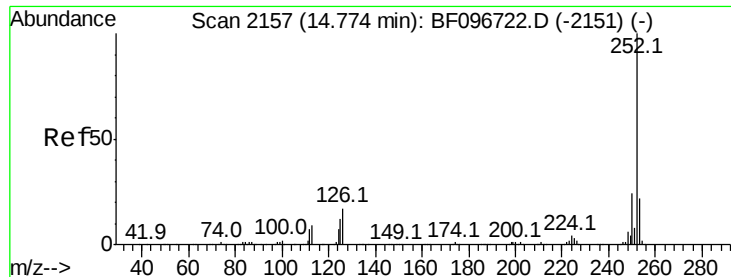
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.0	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BF096771.D
 Acq: 14 Jul 2017 13:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.0	17.2	25.8

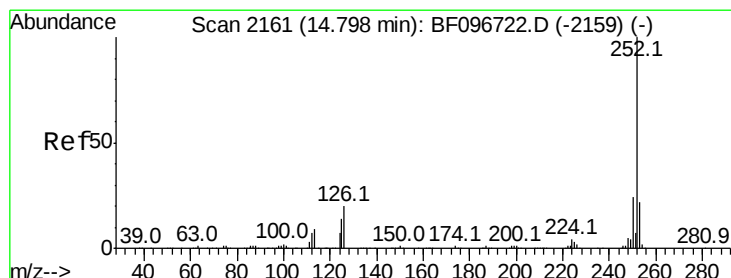
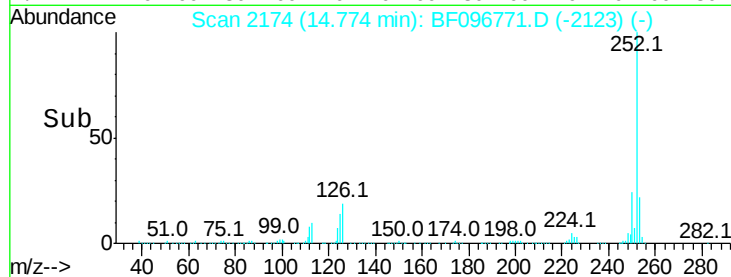
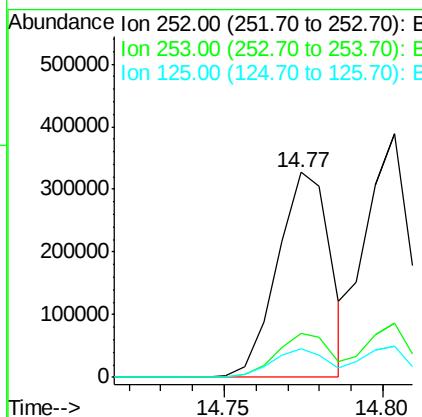
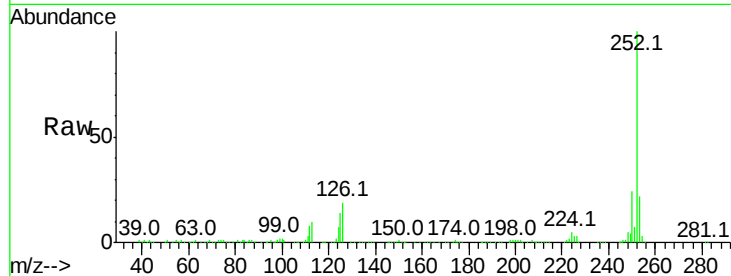




#87
Benzo(b)fluoranthene
Concen: 28.445 ng
RT: 14.77 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

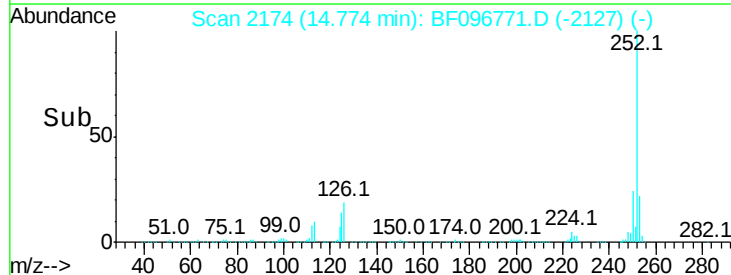
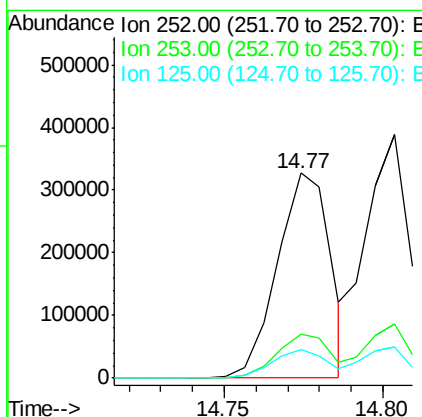
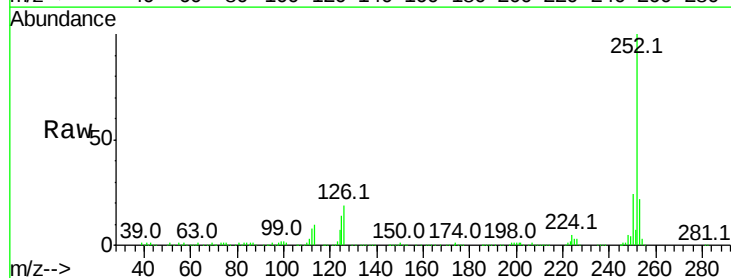
Instrument :
BNA_F
ClientSampleId :

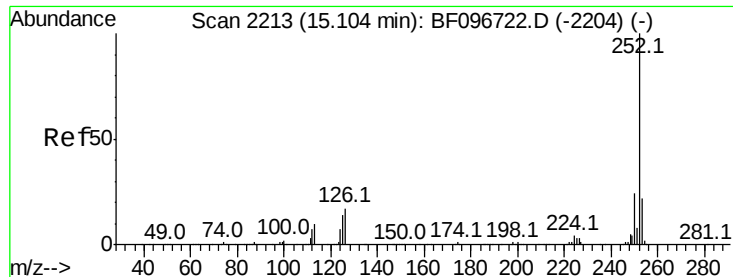
Tot Ion:252 Resp: 380528
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 14.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 30.038 ng
RT: 14.77 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:252 Resp: 380528
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 14.1 13.1 19.7

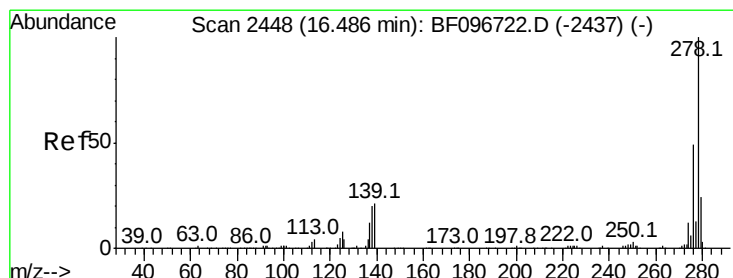
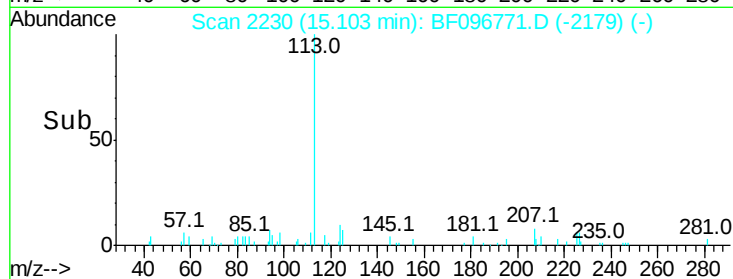
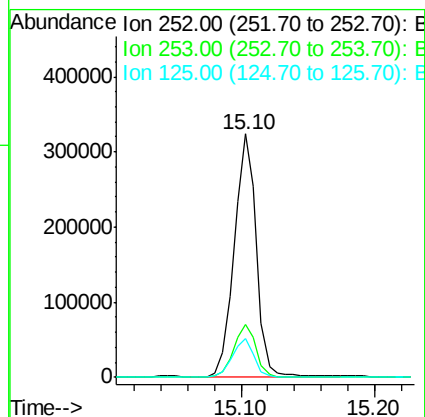
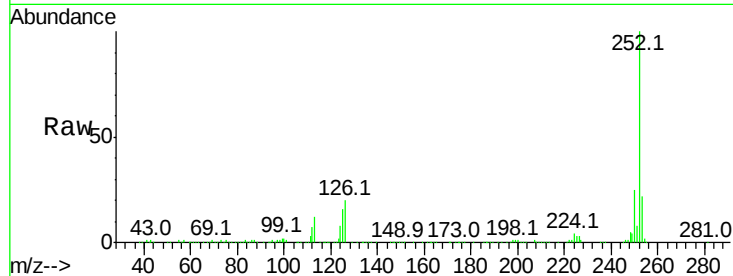




#89
Benzo(a)pyrene
Concen: 30.583 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

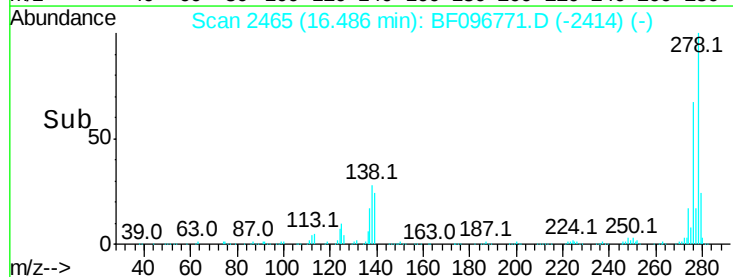
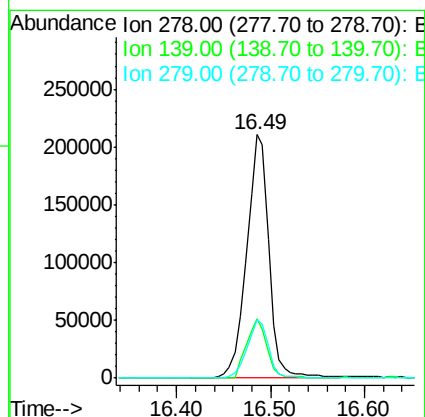
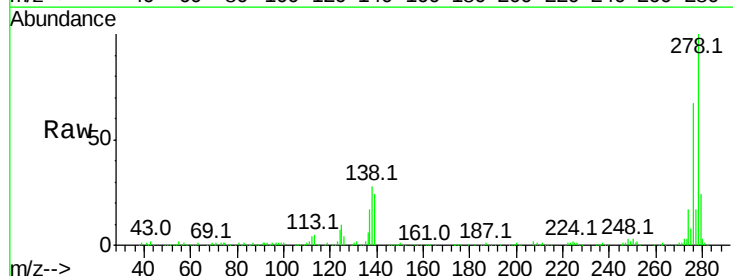
Instrument :
BNA_F
ClientSampleId :

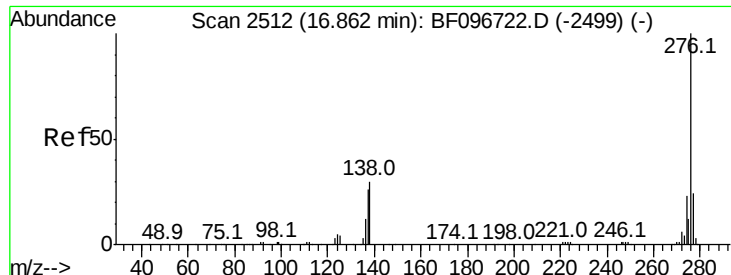
Tot Ion:252 Resp: 375249
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 15.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 30.544 ng
RT: 16.49 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BF096771.D
Acq: 14 Jul 2017 13:09

Tgt Ion:278 Resp: 344847
Ion Ratio Lower Upper
278 100
139 24.3 16.6 24.8
279 23.7 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 30.436 ng

RT: 16.87 min Scan# 2530

Delta R.T. 0.01 min

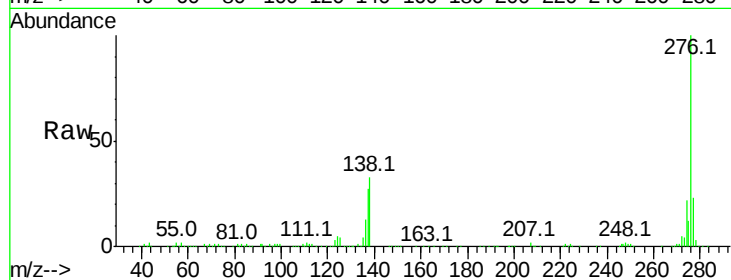
Lab File: BF096771.D

Acq: 14 Jul 2017 13:09

Instrument :

BNA_F

ClientSampleId :



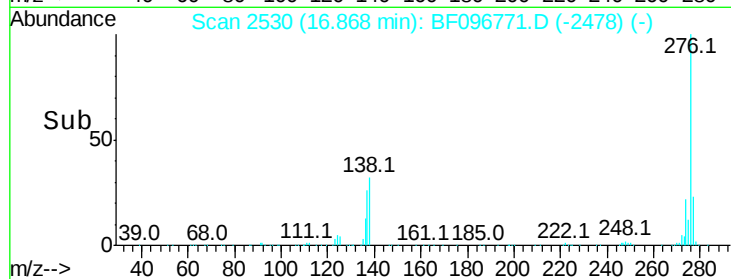
Tot Ion:276 Resp: 367975

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 32.6 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

