

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096116.D
 Acq On : 22 Jun 2017 11:55
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 16:21:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	85473	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	403887	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	161154	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	293708	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	230919	20.00	ng	0.00
86) Perylene-d12	19.94	264	177963	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	428240	79.84	ng	-0.02
7) Phenol-d6	6.85	99	515709	80.31	ng	-0.02
23) Nitrobenzene-d5	8.21	82	518039	79.66	ng	-0.01
41) 2,4,6-Tribromophenol	13.43	330	116590	81.77	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	886698	76.57	ng	-0.02
78) Terphenyl-d14	16.92	244	783739	84.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.59	88	120908	47.38	ng	88
3) Pyridine	2.12	79	225306	37.57	ng	94
4) n-Nitrosodimethylamine	2.09	42	89018	39.04	ng	94
6) Aniline	6.77	93	339708	40.44	ng	96
8) 2-Chlorophenol	6.97	128	236316	41.43	ng	94
9) Benzaldehyde	6.59	77	159476	36.82	ng	95
10) Phenol	6.87	94	282242	42.37	ng	92
11) bis(2-Chloroethyl)ether	6.92	93	222211	42.11	ng	99
12) 1,3-Dichlorobenzene	7.17	146	263501	40.82	ng	99
13) 1,4-Dichlorobenzene	7.30	146	275843	42.14	ng	97
14) 1,2-Dichlorobenzene	7.53	146	261678	43.36	ng	95
15) Benzyl Alcohol	7.59	79	195078	44.26	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.78	45	356763	48.12	ng	98
17) 2-Methylphenol	7.82	107	228371	47.71	ng	98
18) Hexachloroethane	8.05	117	104570	48.36	ng	# 88
19) n-Nitroso-di-n-propylamine	8.02	70	198932	48.88	ng	96
20) 3+4-Methylphenols	8.09	107	286612	47.17	ng	# 57
22) Acetophenone	7.98	105	381308	40.34	ng	# 83
24) Nitrobenzene	8.23	77	287566	41.39	ng	94
25) Isophorone	8.64	82	488424	40.22	ng	95
26) 2-Nitrophenol	8.75	139	147681	40.60	ng	96
27) 2,4-Dimethylphenol	8.90	122	234806	41.59	ng	98
28) bis(2-Chloroethoxy)methane	9.02	93	335847	41.96	ng	98
29) 2,4-Dichlorophenol	9.19	162	214123	39.38	ng	99
30) 1,2,4-Trichlorobenzene	9.25	180	224280	39.64	ng	97
31) Naphthalene	9.35	128	780688	38.51	ng	100
32) Benzoic acid	9.29	122	109330	32.80	ng	94
33) 4-Chloroaniline	9.50	127	315459	39.82	ng	# 93
34) Hexachlorobutadiene	9.56	225	107487	36.77	ng	98
35) Caprolactam	10.16	113	71088	43.94	ng	88
36) 4-Chloro-3-methylphenol	10.39	107	227028	39.89	ng	91
37) 2-Methylnaphthalene	10.47	142	555387	40.55	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	195841	40.61	ng	99
40) Hexachlorocyclopentadiene	10.72	237	52294	40.97	ng	96

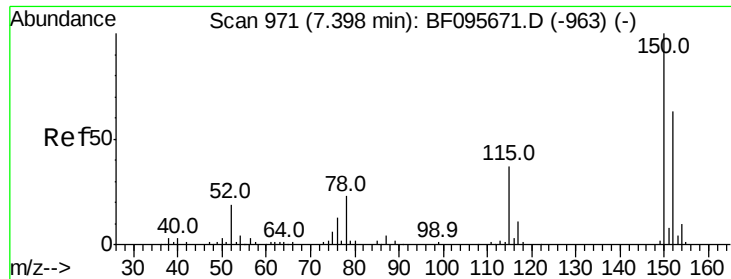
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096116.D
 Acq On : 22 Jun 2017 11:55
 Operator : SJ/MA
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	117188	37.79	nq	95
43) 2,4,5-Trichlorophenol	11.10	196	117409	35.60	nq	95
45) 1,1'-Biphenyl	11.25	154	530071	39.91	nq	96
46) 2-Chloronaphthalene	11.26	162	404587	38.99	nq	95
47) 2-Nitroaniline	11.49	65	122983	40.50	nq	# 83
48) Acenaphthylene	11.90	152	662918	37.36	nq	99
49) Dimethylphthalate	11.80	163	477929	39.06	nq	99
50) 2,6-Dinitrotoluene	11.90	165	100401	37.62	nq	# 63
51) Acenaphthene	12.19	154	402694	39.29	nq	99
52) 3-Nitroaniline	12.17	138	127264	40.93	nq	90
53) 2,4-Dinitrophenol	12.42	184	55692	40.35	nq	# 71
54) Dibenzofuran	12.47	168	574374	39.82	nq	98
55) 4-Nitrophenol	12.65	139	42958	26.92	nq	# 71
56) 2,4-Dinitrotoluene	12.58	165	153947	42.71	nq	# 94
57) Fluorene	13.03	166	503010	40.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.73	232	86885	38.50	nq	# 83
59) Diethylphthalate	12.95	149	485944	41.27	nq	99
60) 4-Chlorophenyl-phenylether	13.06	204	220664	40.42	nq	90
61) 4-Nitroaniline	13.17	138	125324	43.17	nq	96
62) Azobenzene	13.32	77	437245	40.97	nq	94
64) 4,6-Dinitro-2-methylphenol	13.26	198	74569	38.63	nq	# 74
65) n-Nitrosodiphenylamine	13.27	169	411369	38.98	nq	99
66) 4-Bromophenyl-phenylether	13.83	248	123138	40.34	nq	99
67) Hexachlorobenzene	13.92	284	124832	41.50	nq	# 88
68) Atrazine	14.20	200	124479	42.38	nq	98
69) Pentachlorophenol	14.31	266	25171	26.85	nq	94
70) Phenanthrene	14.57	178	683721	40.35	nq	98
71) Anthracene	14.65	178	712272	40.26	nq	98
72) Carbazole	14.96	167	734960	42.63	nq	97
73) Di-n-butylphthalate	15.55	149	793613	43.26	nq	98
74) Fluoranthene	16.36	202	715080	42.63	nq	99
76) Benzidine	16.59	184	279419	31.51	nq	# 93
77) Pyrene	16.66	202	725442	42.10	nq	99
79) Butylbenzylphthalate	17.59	149	324715	43.15	nq	87
80) Benzo(a)anthracene	18.26	228	542479	40.41	nq	98
81) 3,3'-Dichlorobenzidine	18.24	252	192448	40.32	nq	# 97
82) Chrysene	18.30	228	548360	40.87	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	449526	42.35	nq	# 100
84) Di-n-octyl phthalate	19.11	149	692840	39.61	nq	96
85) Indeno(1,2,3-cd)pyrene	21.09	276	366389	31.92	nq	99
87) Benzo(b)fluoranthene	19.53	252	453210	40.67	nq	98
88) Benzo(k)fluoranthene	19.56	252	456573	42.87	nq	# 95
89) Benzo(a)pyrene	19.88	252	418809	40.89	nq	98
90) Dibenzo(a,h)anthracene	21.09	278	311794	35.89	nq	97
91) Benzo(g,h,i)perylene	21.42	276	315596	35.63	nq	97

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

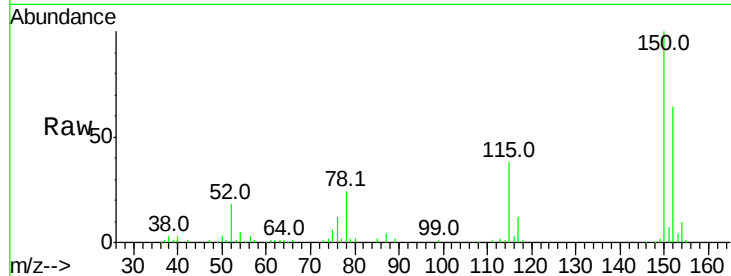


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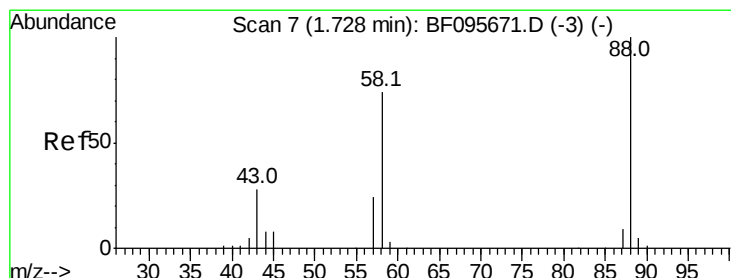
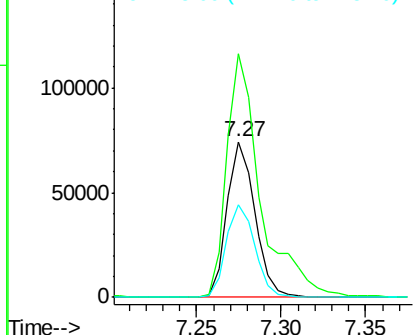
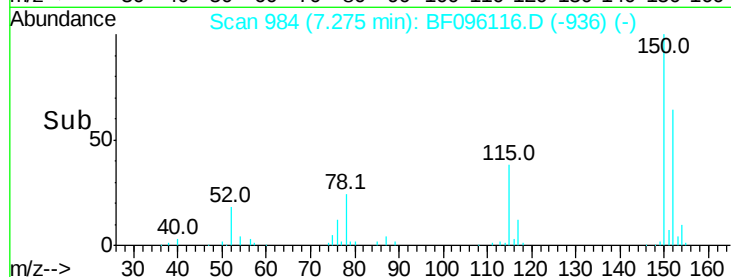
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85473
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 59.7 52.2 78.2



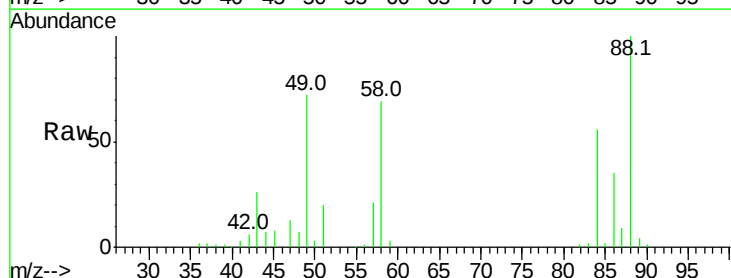
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



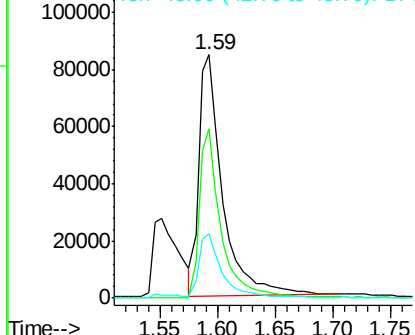
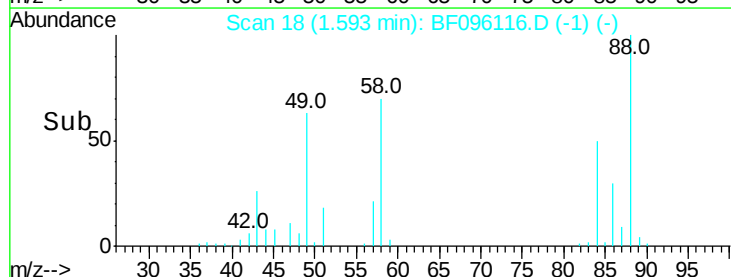
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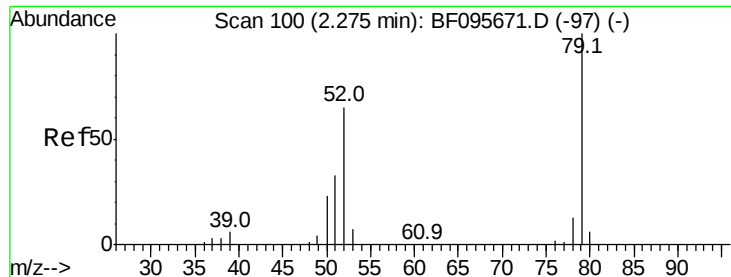
1,4-Dioxane
Concen: 47.38 ng
RT: 1.59 min Scan# 18
Delta R.T. -0.02 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion: 88 Resp: 120908
Ion Ratio Lower Upper
88 100
58 65.3 61.4 92.0
43 24.5 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.57 ng

RT: 2.12 min Scan# 107

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampled :

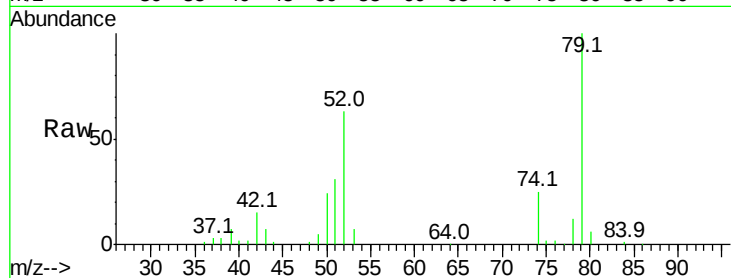
Tot Ion: 79 Resp: 225306

Ion Ratio Lower Upper

79 100

52 63.0 54.8 82.2

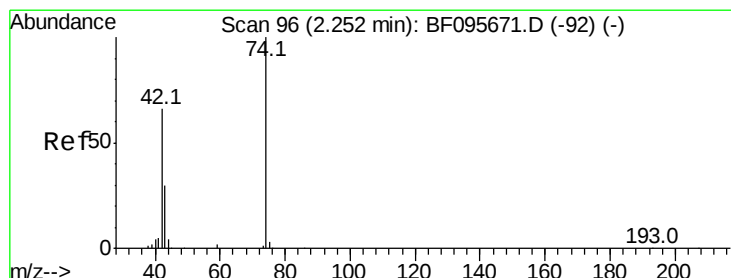
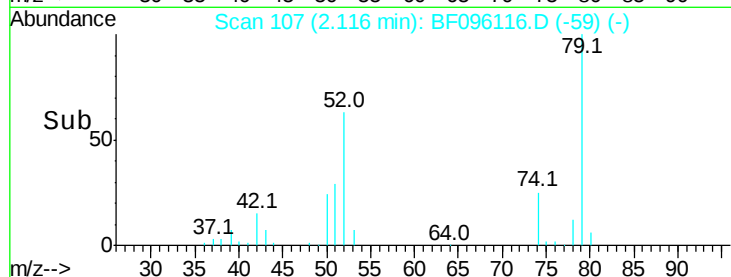
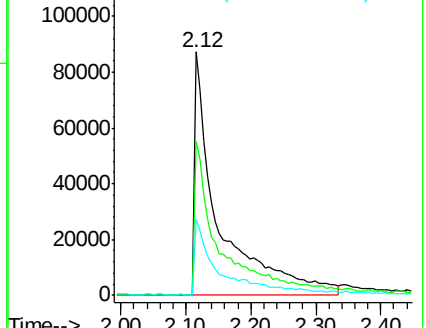
51 31.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.04 ng

RT: 2.09 min Scan# 103

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

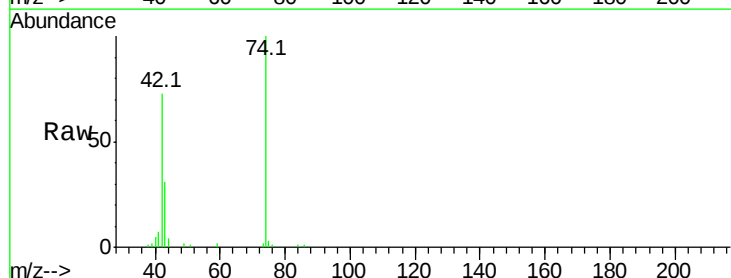
Tgt Ion: 42 Resp: 89018

Ion Ratio Lower Upper

42 100

74 136.9 103.9 155.9

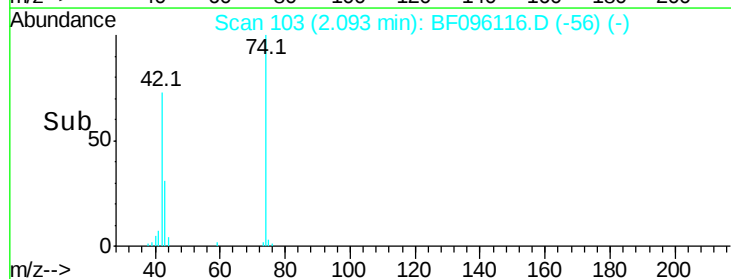
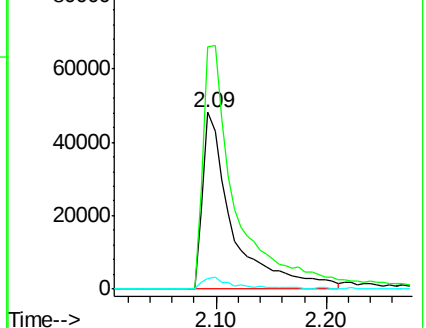
44 6.0 5.7 8.5

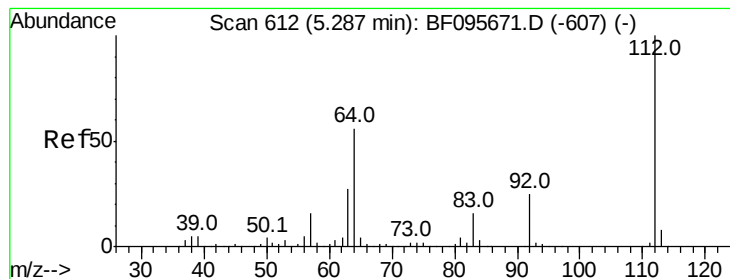


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.84 ng

RT: 5.16 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

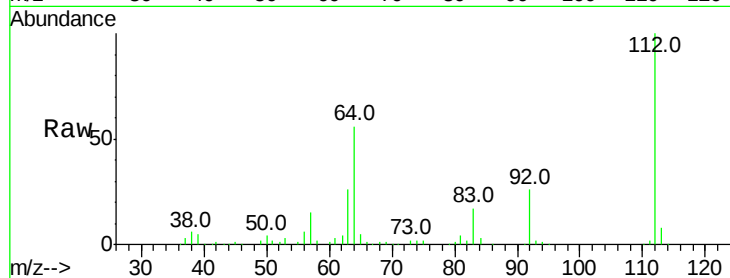
Tot Ion:112 Resp: 428240

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

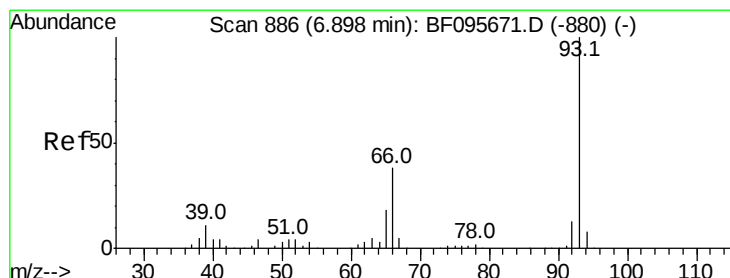
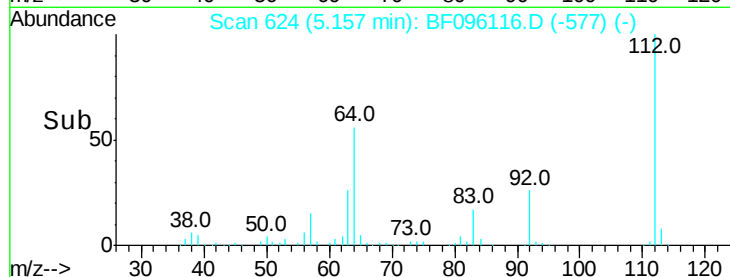
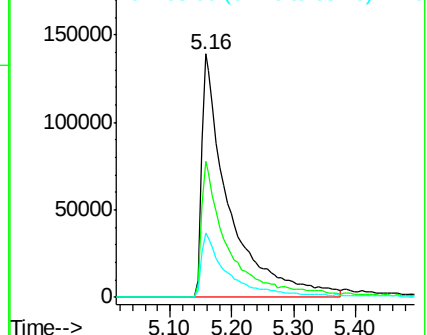
63 26.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.44 ng

RT: 6.77 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

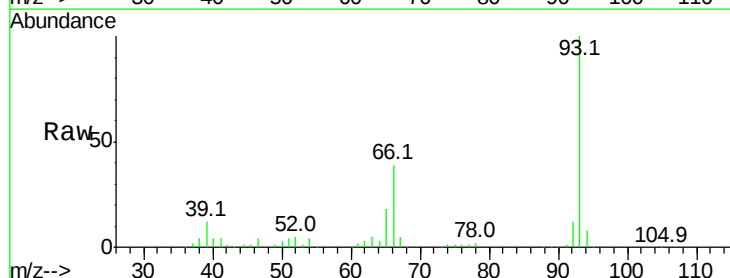
Tgt Ion: 93 Resp: 339708

Ion Ratio Lower Upper

93 100

66 38.8 32.9 49.3

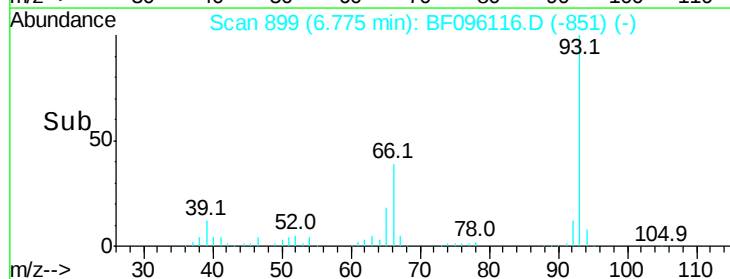
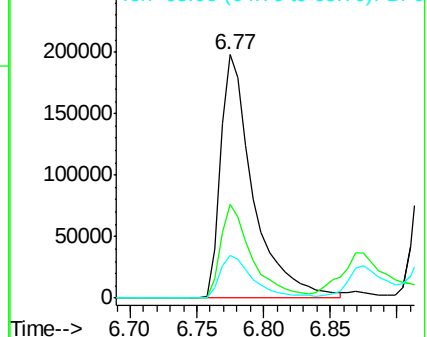
65 17.8 16.0 24.0

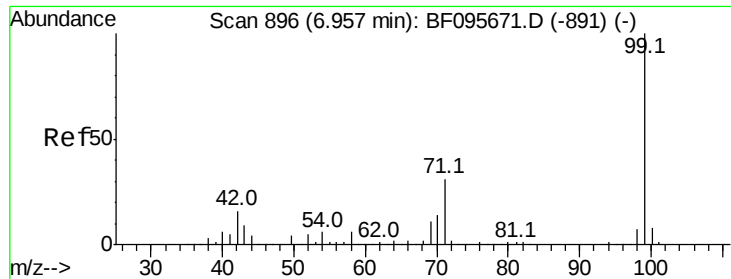


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.31 ng

RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

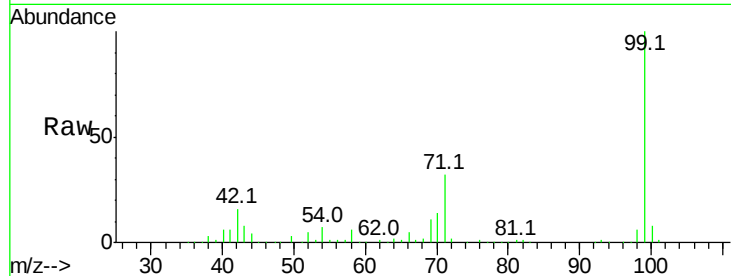
Tot Ion: 99 Resp: 515709

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

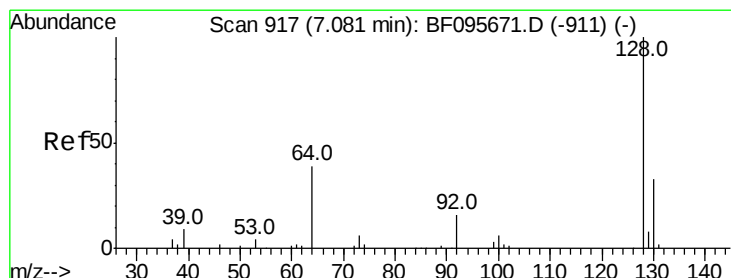
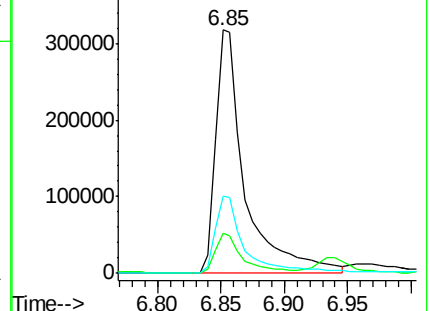
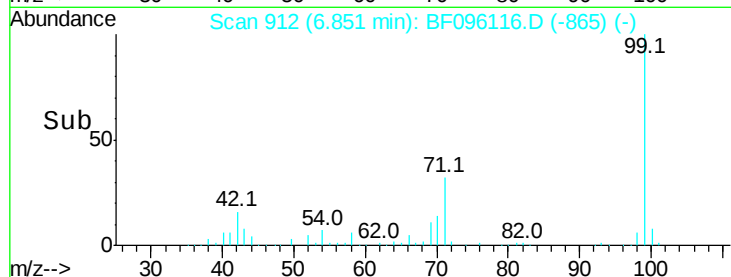
71 31.6 24.5 36.7



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: 41.43 ng

RT: 6.97 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

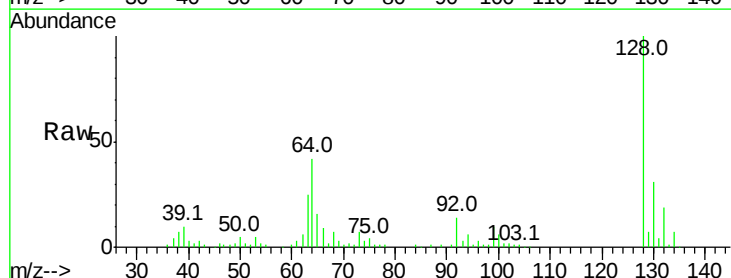
Tgt Ion: 128 Resp: 236316

Ion Ratio Lower Upper

128 100

130 31.1 12.9 52.9

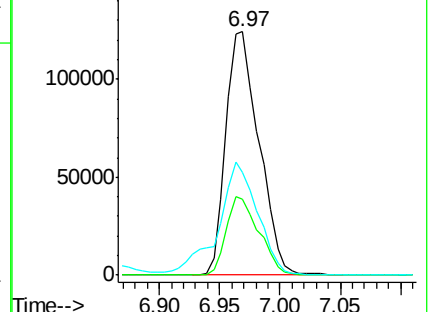
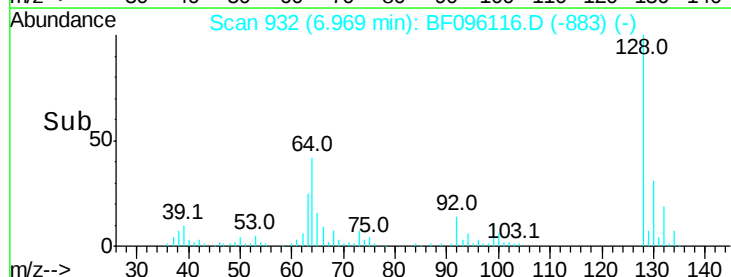
64 42.5 28.4 68.4

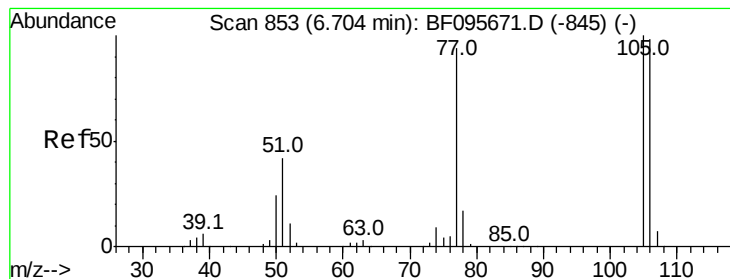


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.82 ng

RT: 6.59 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampled :

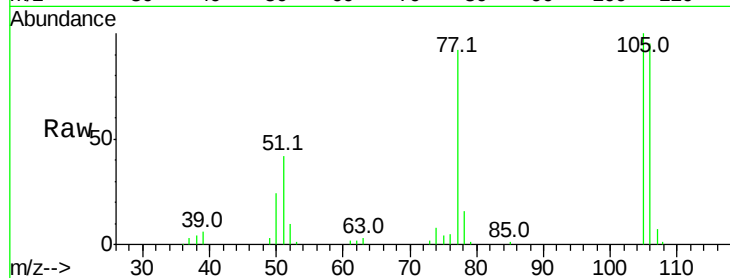
Tot Ion: 77 Resp: 159476

Ion Ratio Lower Upper

77 100

105 108.9 83.8 123.8

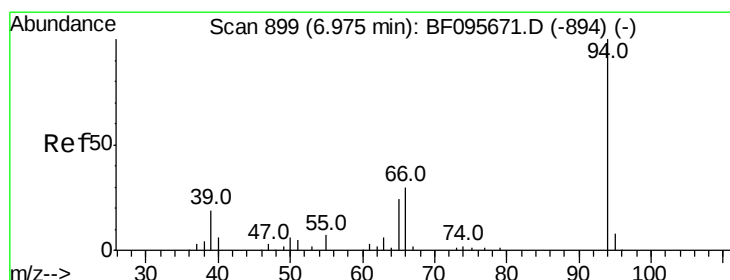
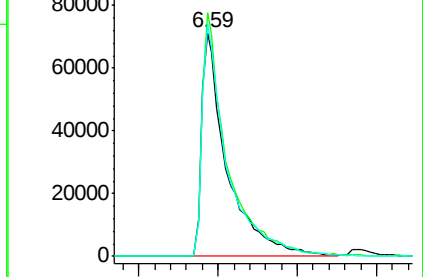
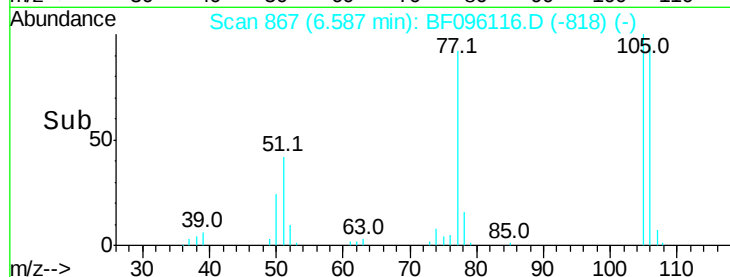
106 103.6 79.1 119.1



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: 42.37 ng

RT: 6.87 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

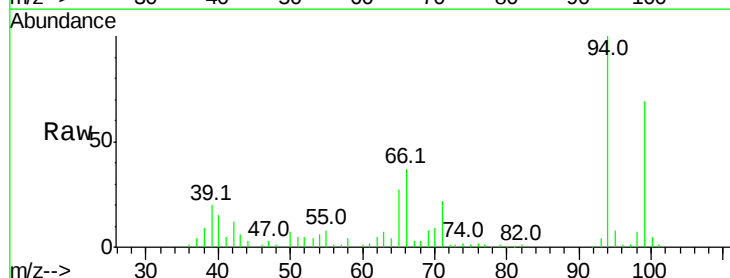
Tgt Ion: 94 Resp: 282242

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

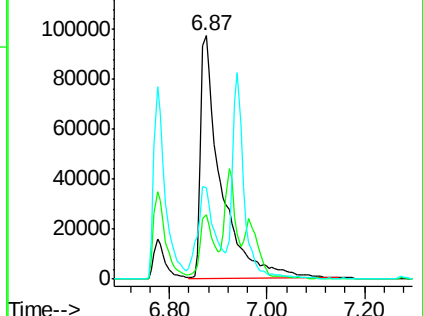
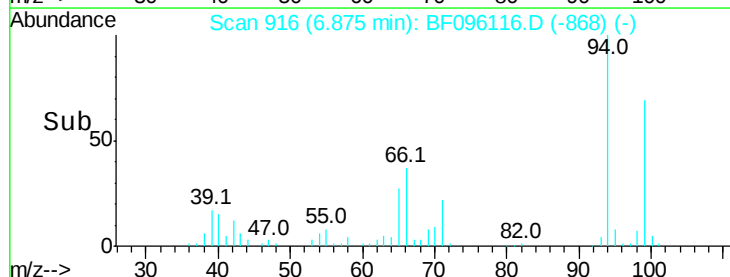
66 37.5 23.1 63.1

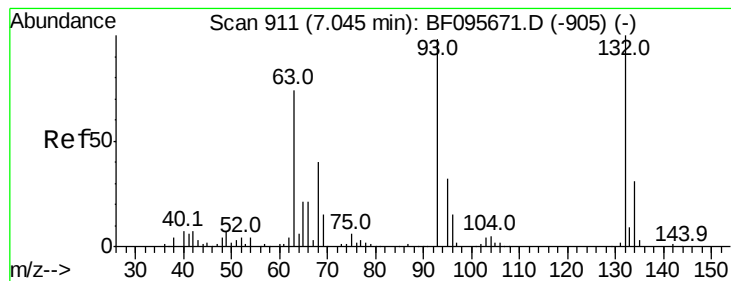


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

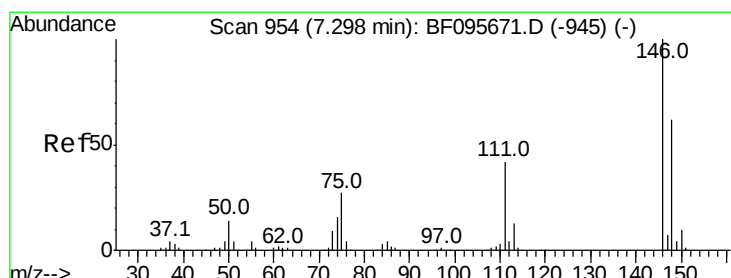
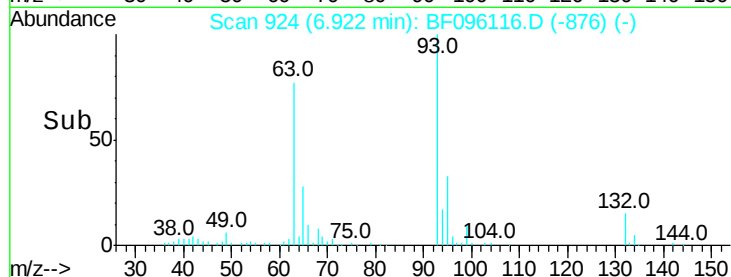
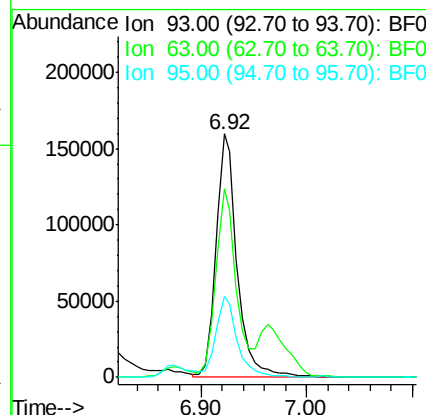
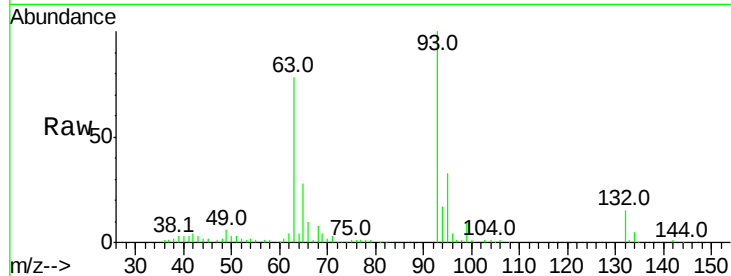




#11
bis(2-Chloroethyl)ether
Concen: 42.11 ng
RT: 6.92 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

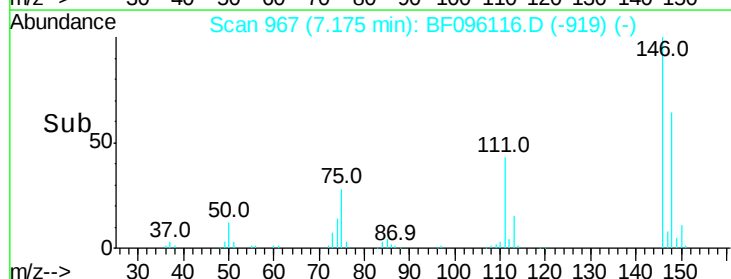
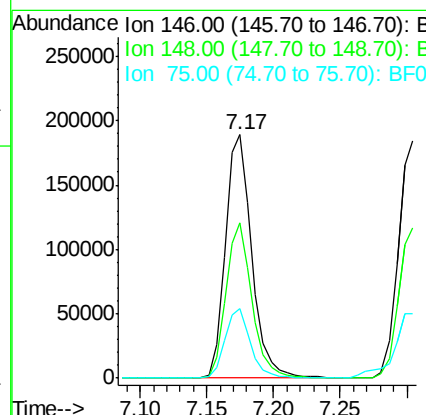
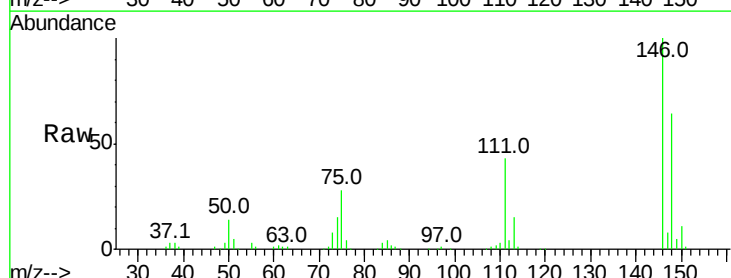
Instrument :
BNA_F
ClientSampleId :

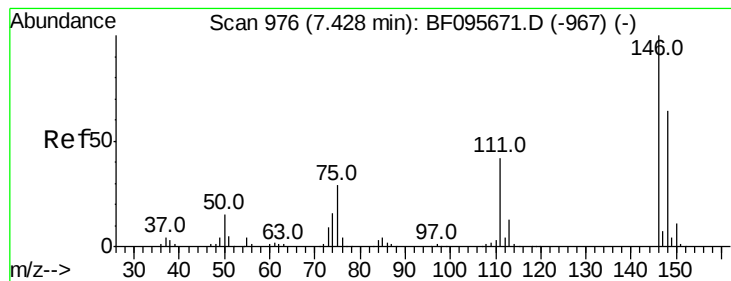
Tot Ion: 93 Resp: 222211
Ion Ratio Lower Upper
93 100
63 77.6 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.82 ng
RT: 7.17 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion: 146 Resp: 263501
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 28.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.14 ng

RT: 7.30 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampled :

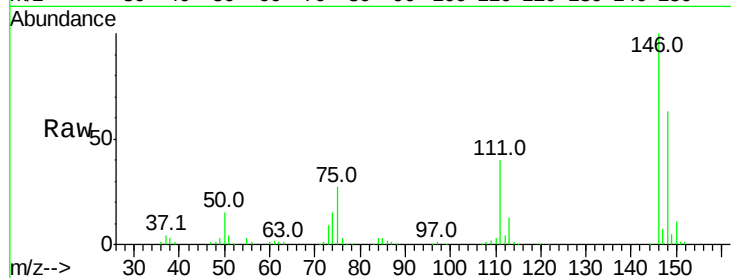
Tot Ion:146 Resp: 275843

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

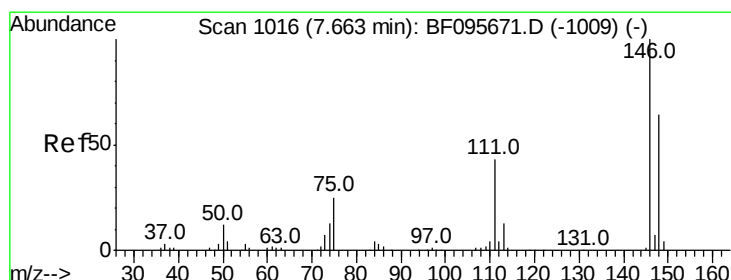
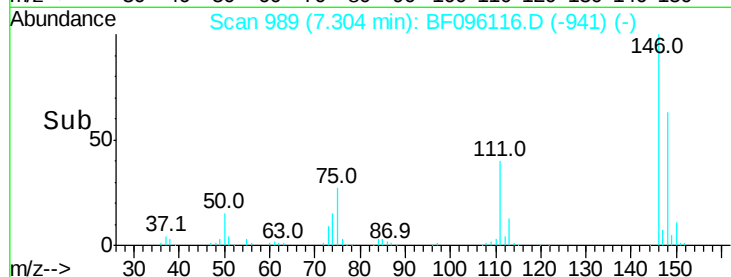
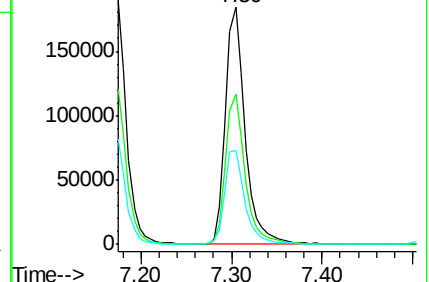
111 39.7 30.3 45.5



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: 43.36 ng

RT: 7.53 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

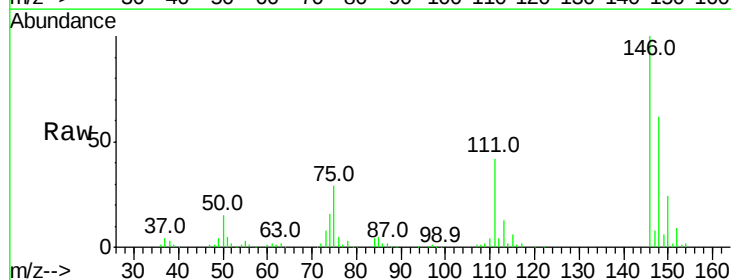
Tgt Ion:146 Resp: 261678

Ion Ratio Lower Upper

146 100

148 61.6 50.4 75.6

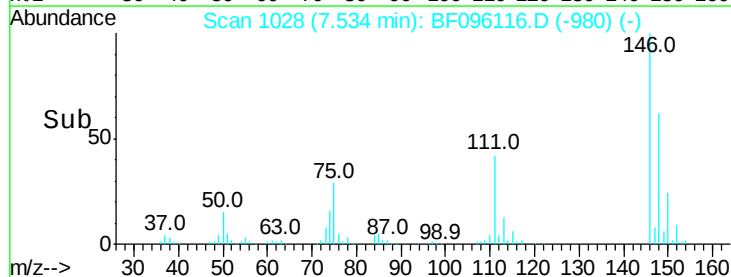
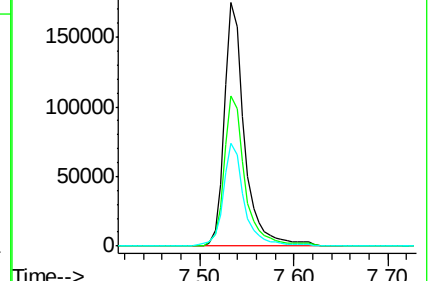
111 42.1 38.2 57.4

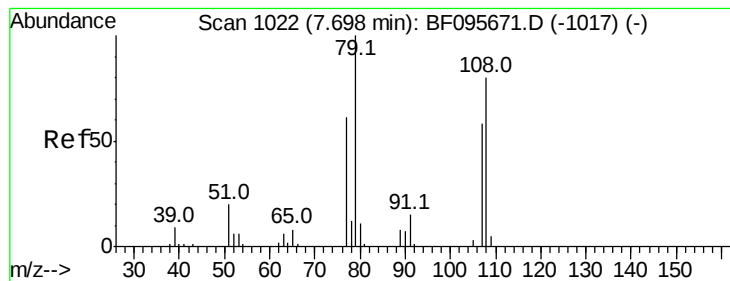


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.26 ng

RT: 7.59 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

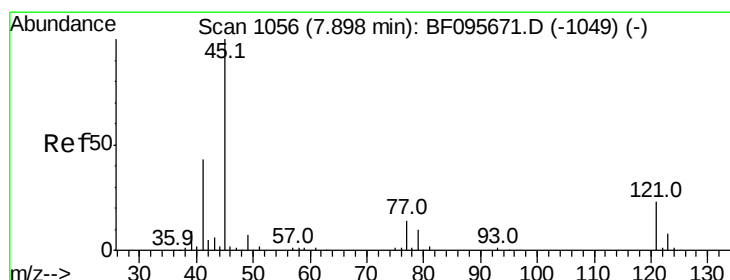
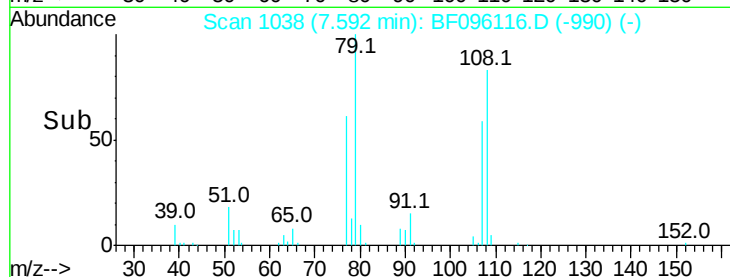
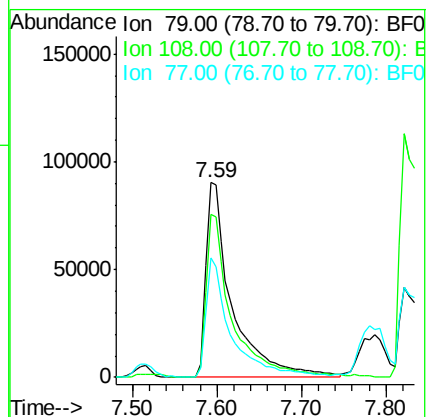
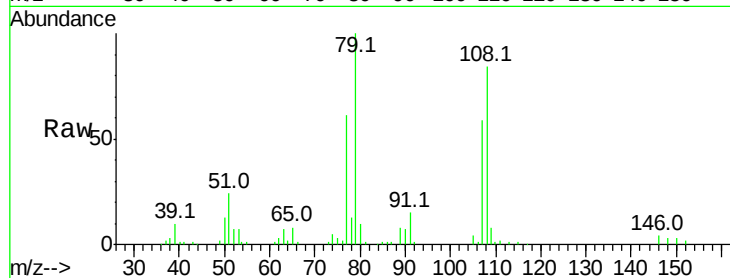
Tot Ion: 79 Resp: 195078

Ion Ratio Lower Upper

79 100

108 83.7 63.4 95.0

77 61.3 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.12 ng

RT: 7.78 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

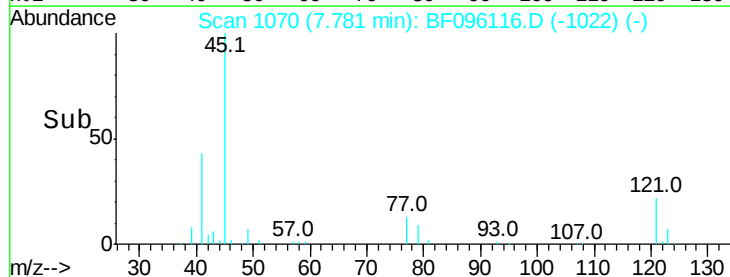
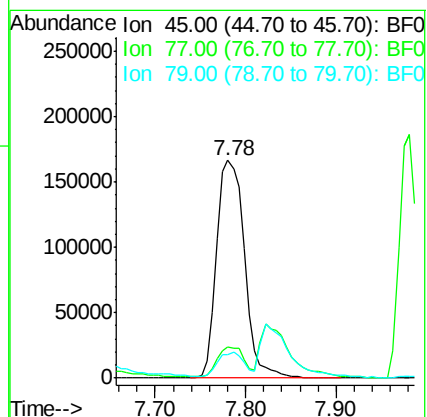
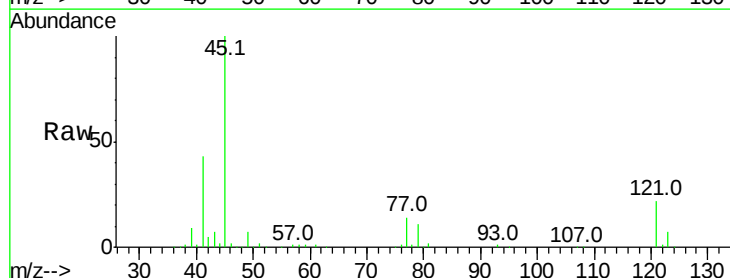
Tgt Ion: 45 Resp: 356763

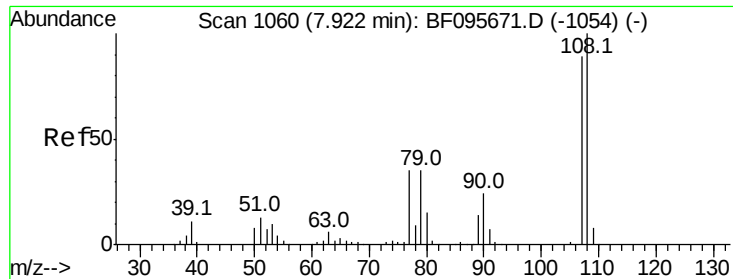
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.2

79 10.6 0.0 30.0

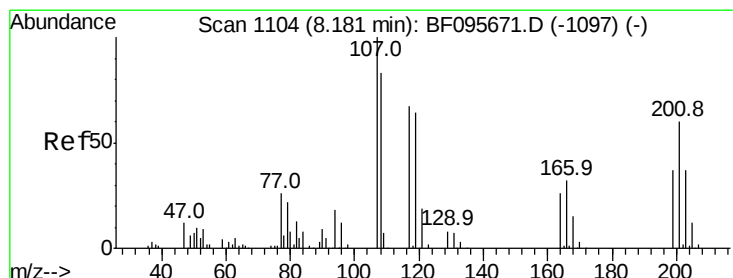
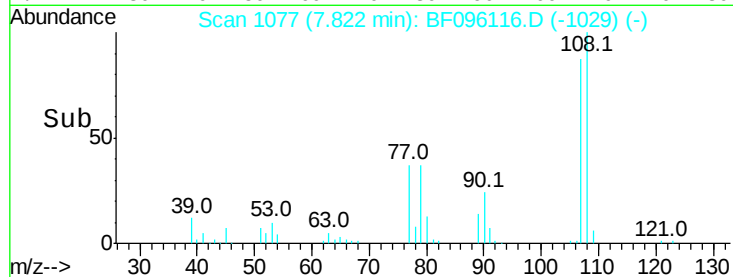
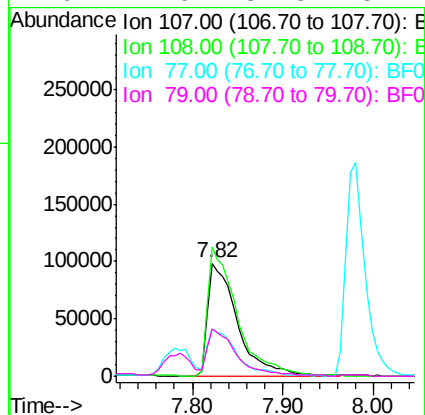
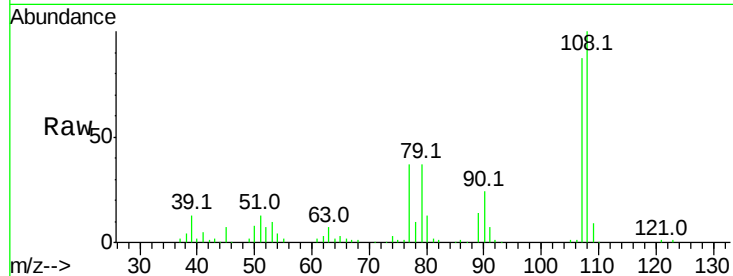




#17
 2-Methylphenol
 Concen: 47.71 ng
 RT: 7.82 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

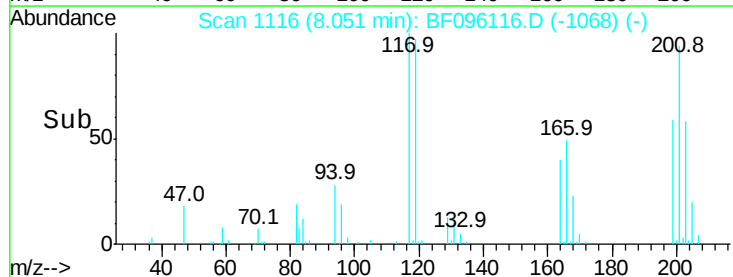
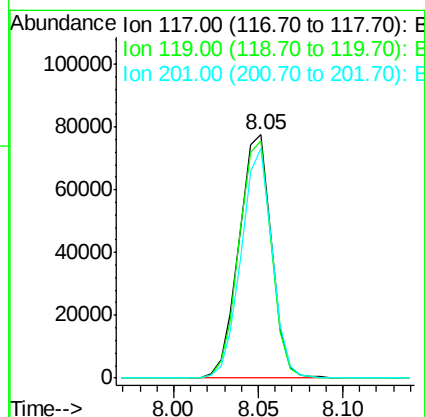
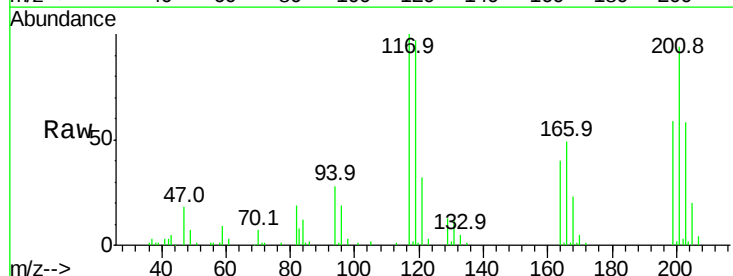
Instrument :
 BNA_F
 ClientSampleId :

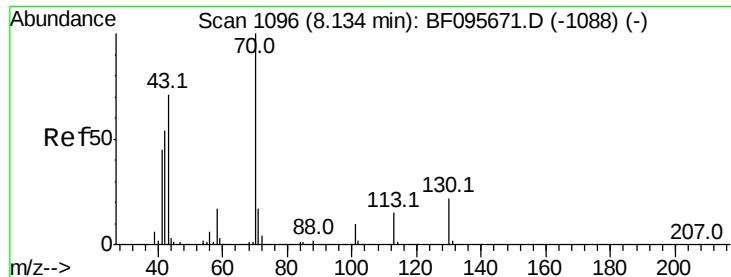
Tot Ion:107 Resp: 228371
 Ion Ratio Lower Upper
 107 100
 108 115.0 93.4 140.0
 77 42.5 35.8 53.6
 79 42.6 34.8 52.2



#18
 Hexachloroethane
 Concen: 48.36 ng
 RT: 8.05 min Scan# 1116
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion:117 Resp: 104570
 Ion Ratio Lower Upper
 117 100
 119 97.3 77.4 116.0
 201 94.3 94.6 141.8#

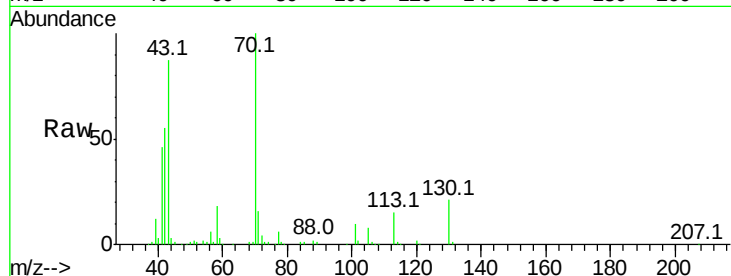




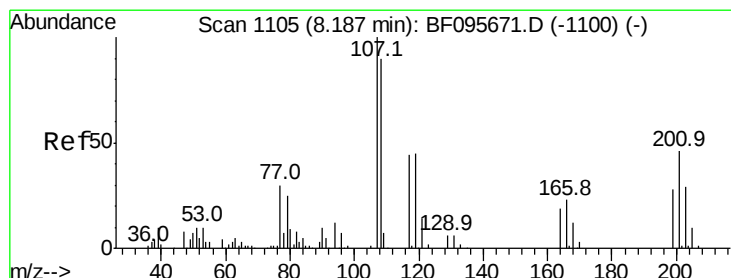
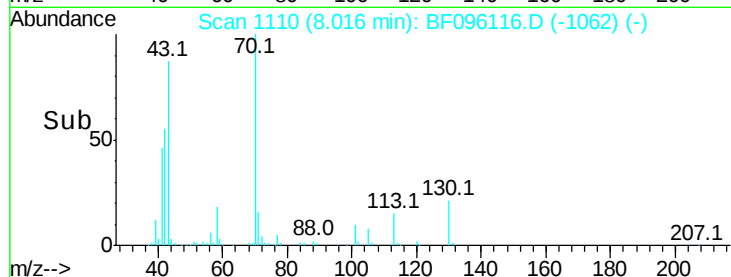
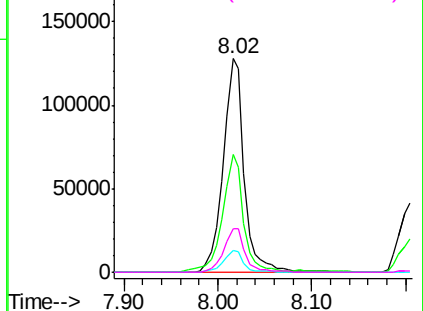
#19
n-Nitroso-di-n-propylamine
Concen: 48.88 ng
RT: 8.02 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 198932
Ion Ratio Lower Upper
70 100
42 54.9 47.2 70.8
101 10.1 7.2 10.8
130 20.7 15.9 23.9

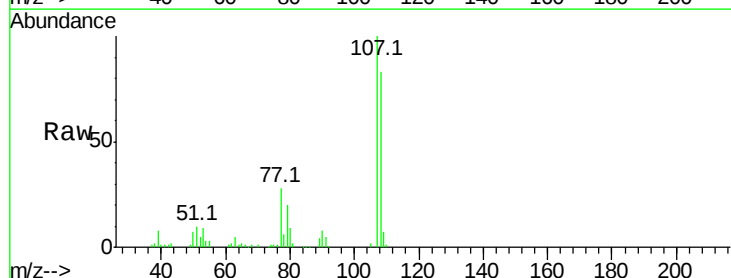


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

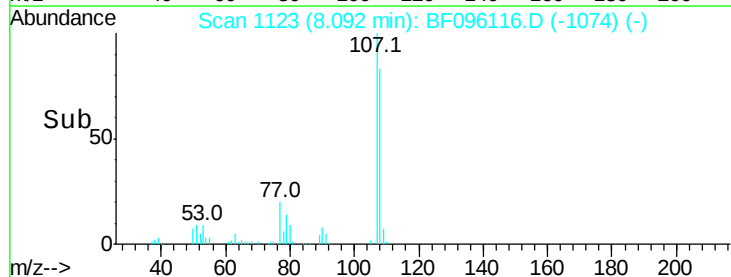
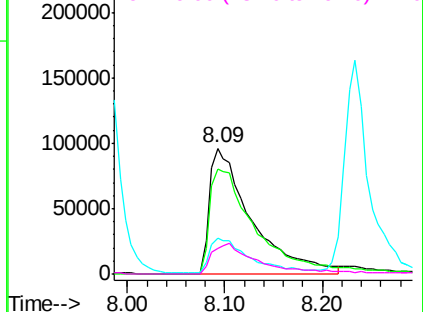


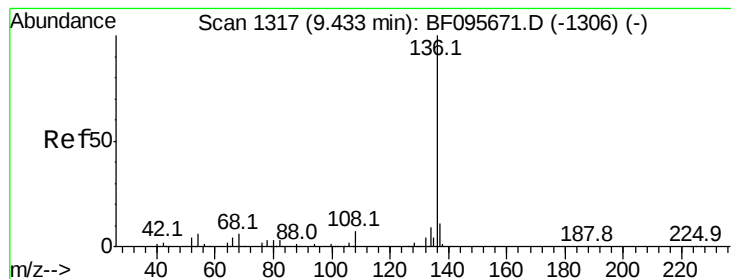
#20
3+4-Methylphenols
Concen: 47.17 ng
RT: 8.09 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion: 107 Resp: 286612
Ion Ratio Lower Upper
107 100
108 83.0 71.0 111.0
77 28.3 90.5 130.5#
79 20.0 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 403887

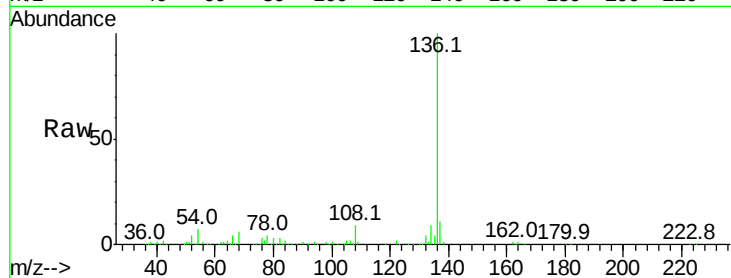
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.3 4.9 7.3

68 5.8 4.1 6.1

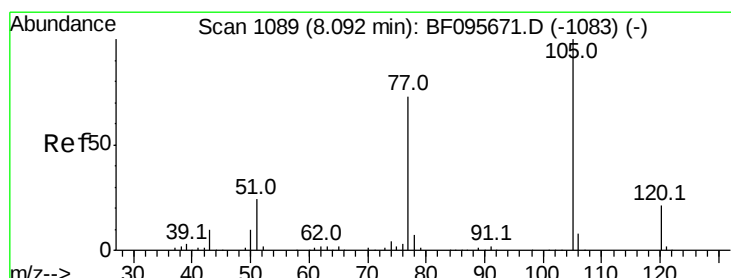
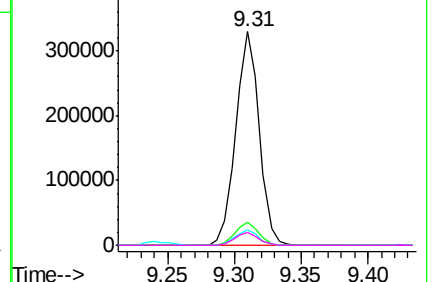
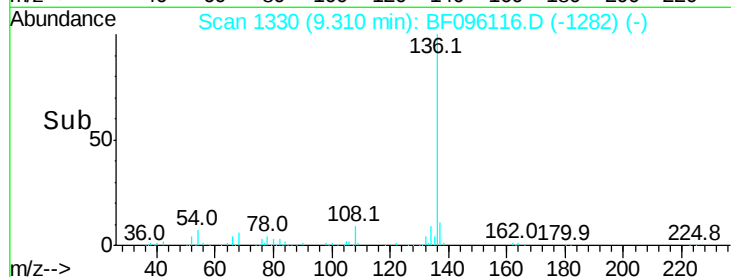


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.34 ng

RT: 7.98 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Tgt Ion:105 Resp: 381308

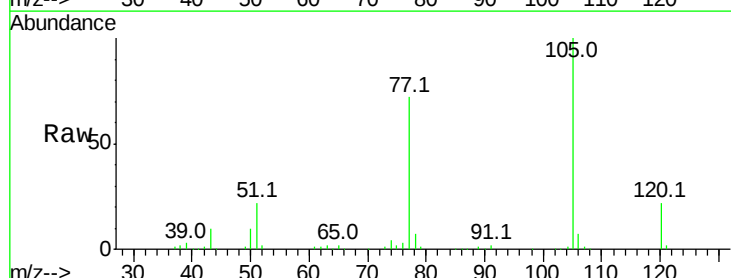
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.3 30.7 46.1#

120 21.6 17.4 26.0

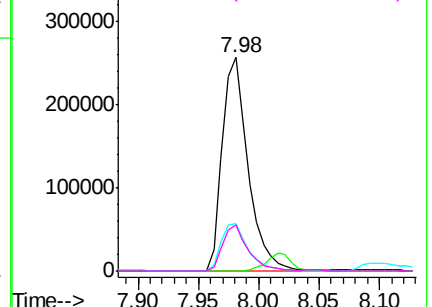
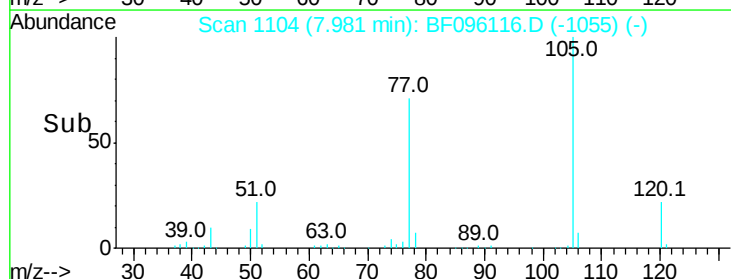


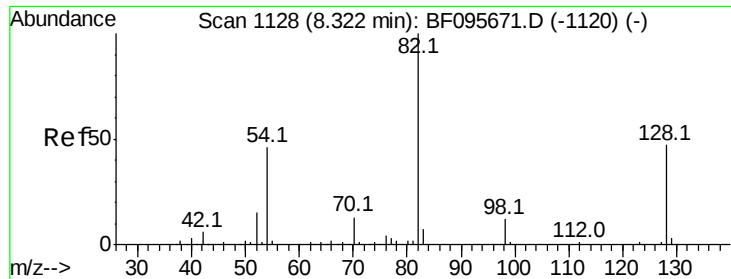
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

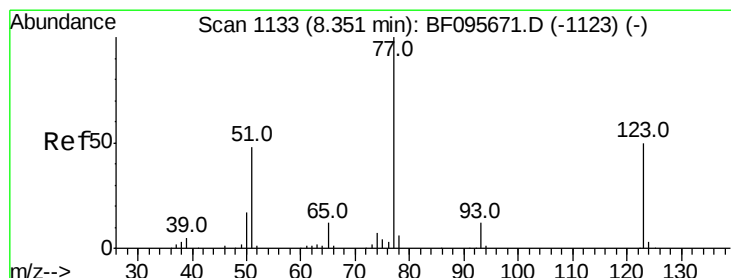
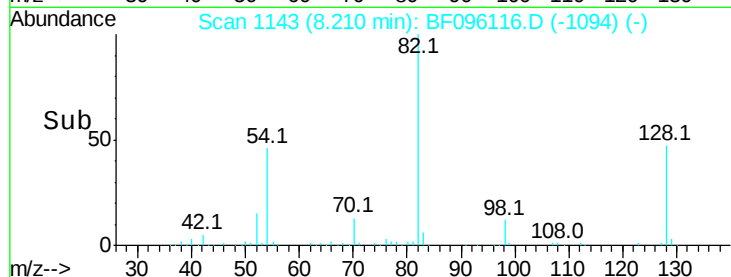
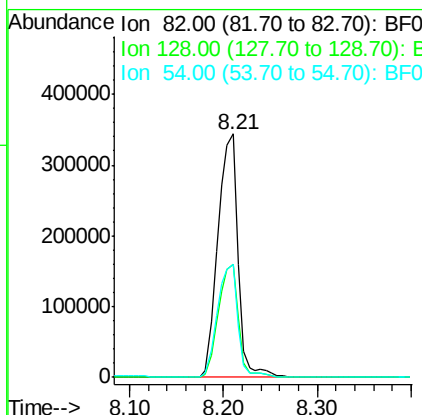
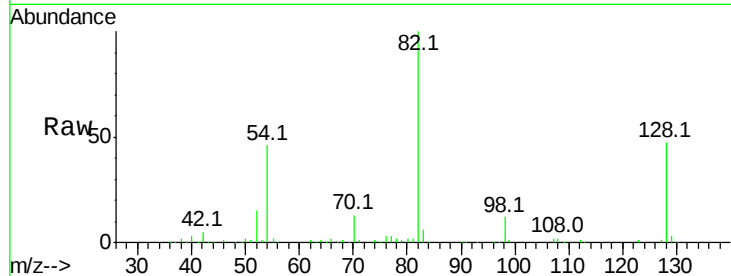




#23
 Nitrobenzene-d5
 Concen: 79.66 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

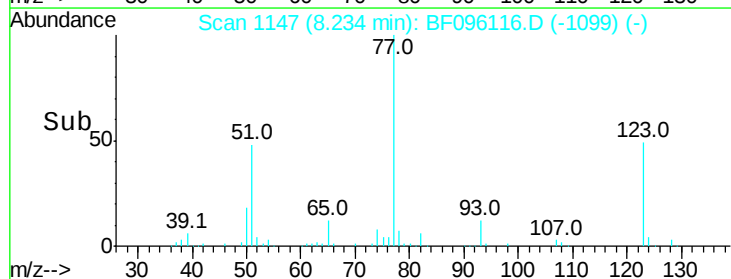
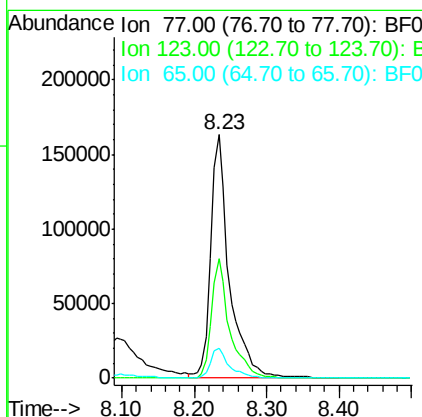
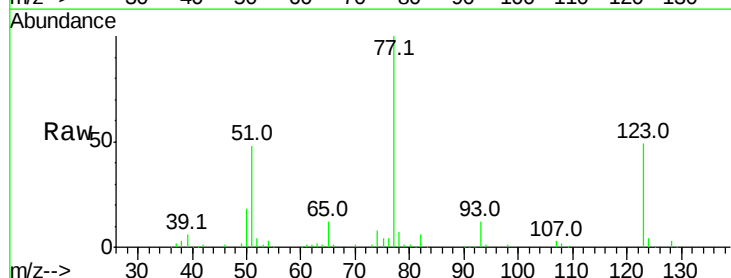
Instrument :
 BNA_F
 ClientSampled :

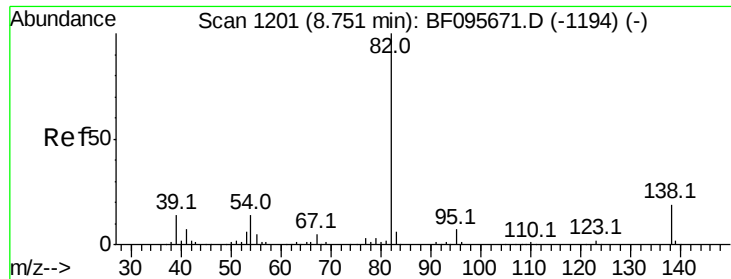
Tot Ion: 82 Resp: 518039
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 46.3 42.2 63.2



#24
 Nitrobenzene
 Concen: 41.39 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion: 77 Resp: 287566
 Ion Ratio Lower Upper
 77 100
 123 49.1 35.8 53.8
 65 12.3 10.6 15.8





#25

Isophorone

Concen: 40.22 ng

RT: 8.64 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

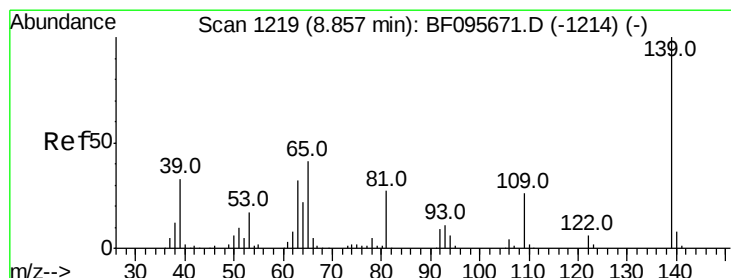
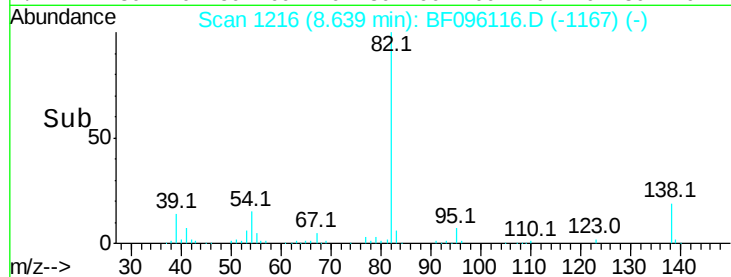
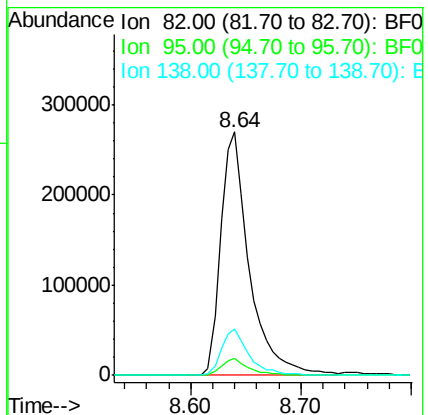
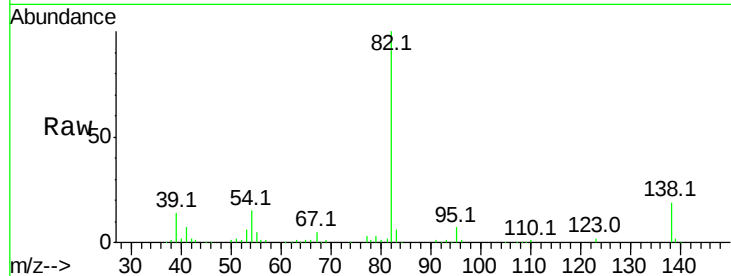
Tot Ion: 82 Resp: 488424

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 40.60 ng

RT: 8.75 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

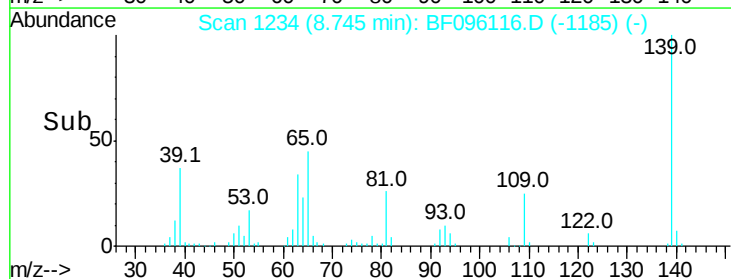
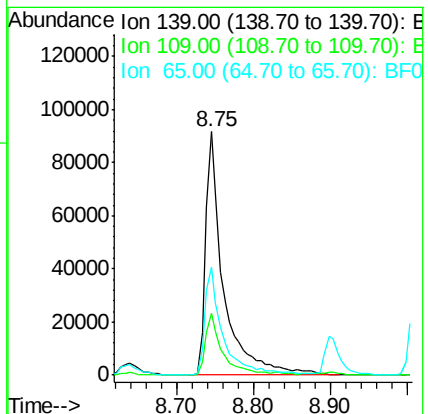
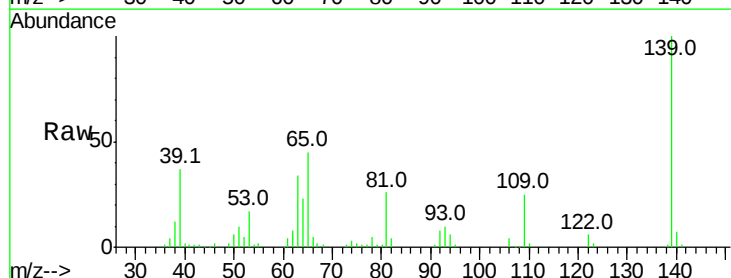
Tgt Ion: 139 Resp: 147681

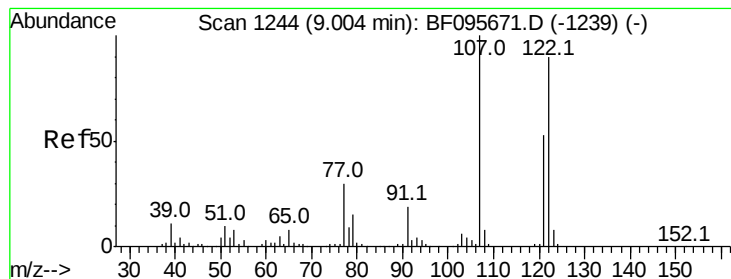
Ion Ratio Lower Upper

139 100

109 25.2 21.0 31.6

65 44.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.59 ng

RT: 8.90 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampled :

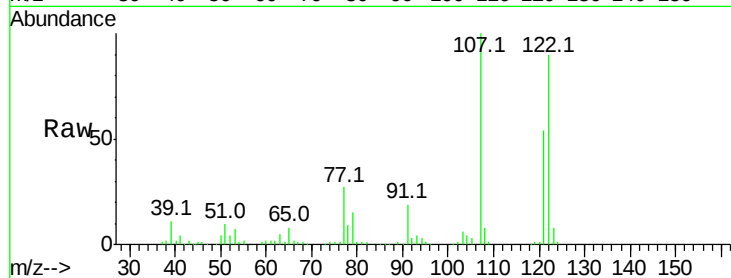
Tot Ion:122 Resp: 234806

Ion Ratio Lower Upper

122 100

107 111.1 89.2 133.8

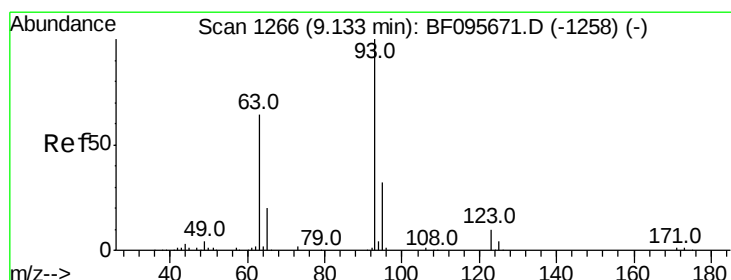
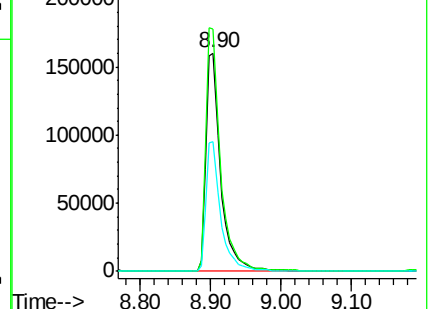
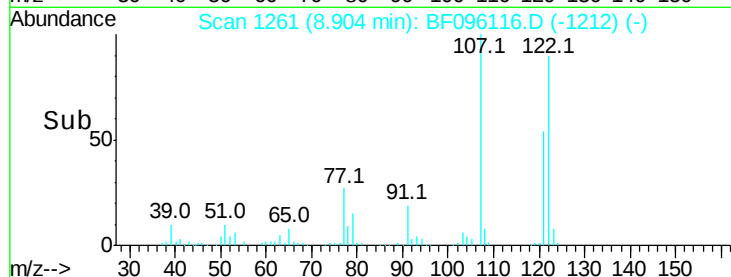
121 59.6 45.2 67.8



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: 41.96 ng

RT: 9.02 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

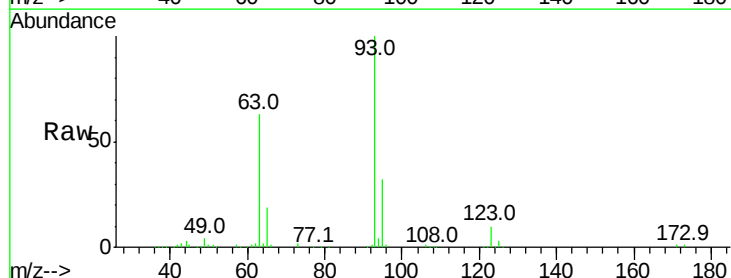
Tgt Ion: 93 Resp: 335847

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

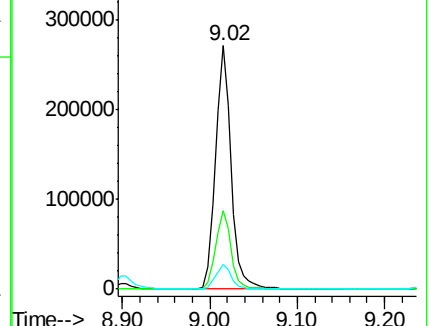
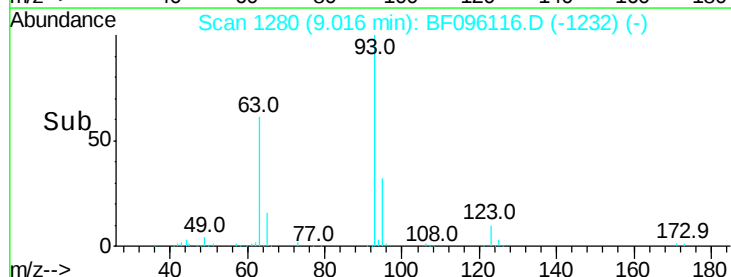
123 10.2 9.0 13.4

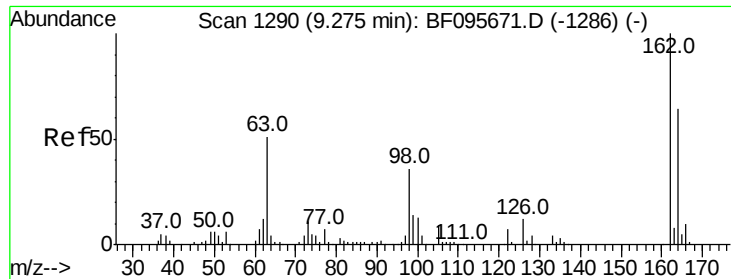


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

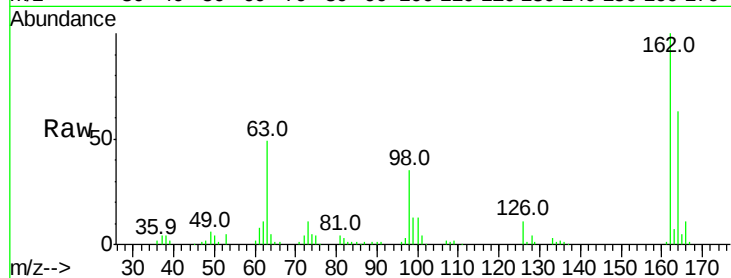




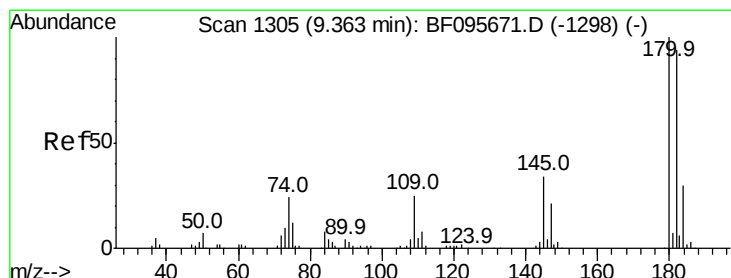
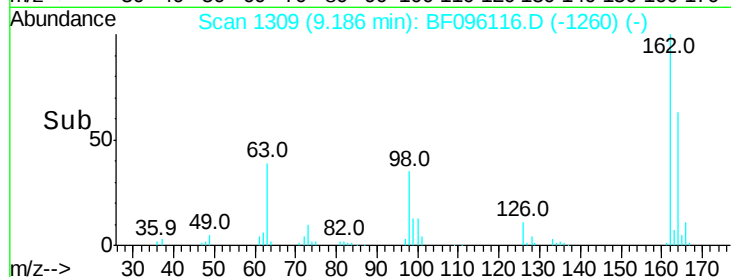
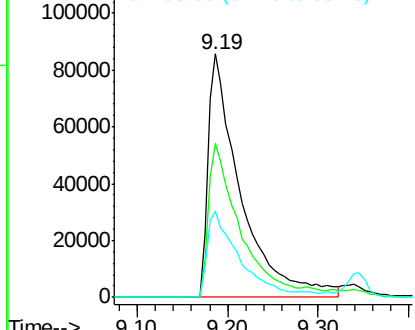
#29
 2,4-Dichlorophenol
 Concen: 39.38 ng
 RT: 9.19 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	35.2	14.8	54.8

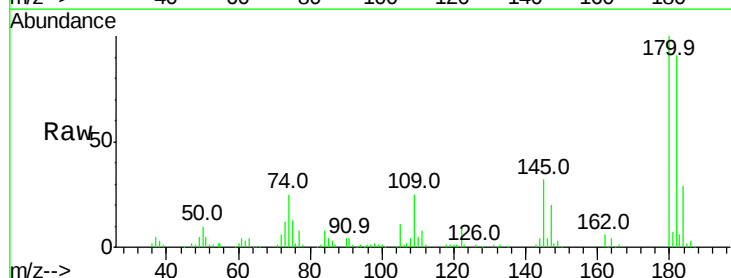


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

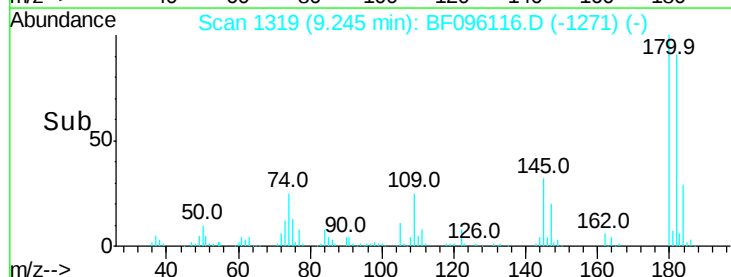
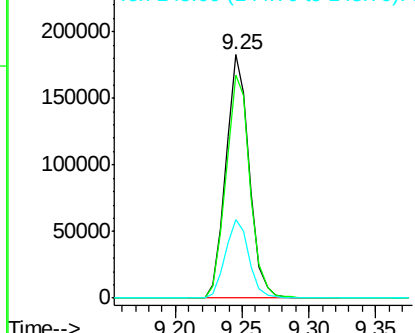


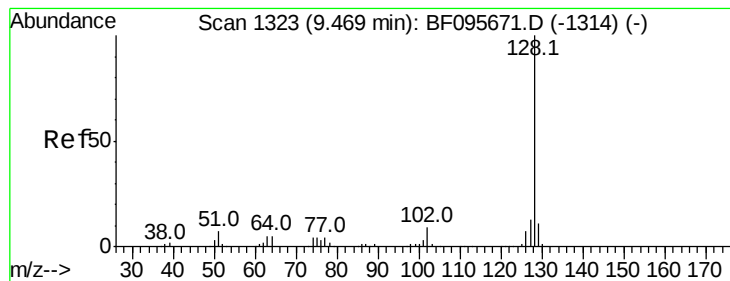
#30
 1,2,4-Trichlorobenzene
 Concen: 39.64 ng
 RT: 9.25 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.8	113.6
145	32.1	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: 38.51 ng

RT: 9.35 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

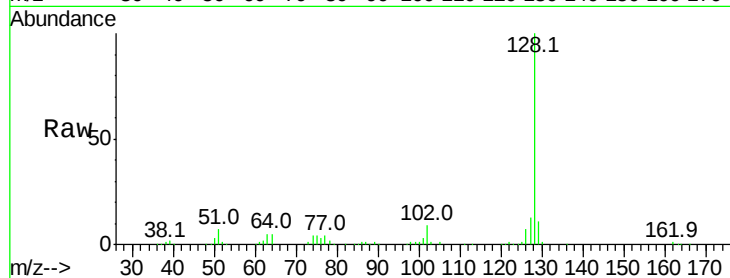
Tot Ion:128 Resp: 780688

Ion Ratio Lower Upper

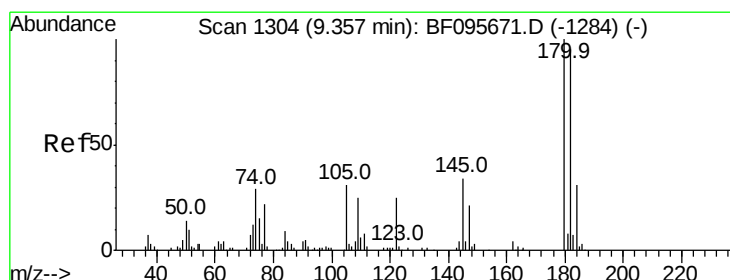
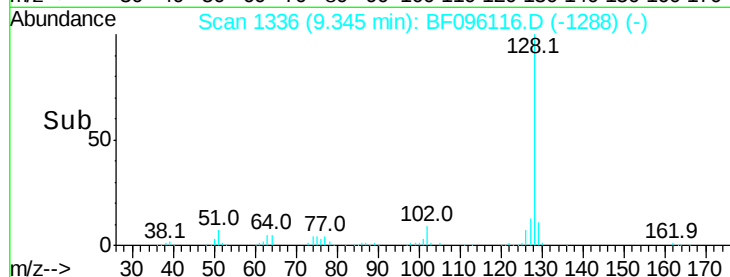
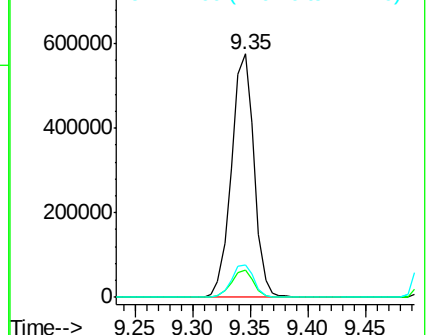
128 100

129 11.2 9.0 13.6

127 13.3 10.8 16.2



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



#32

Benzoic acid

Concen: 32.80 ng

RT: 9.29 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

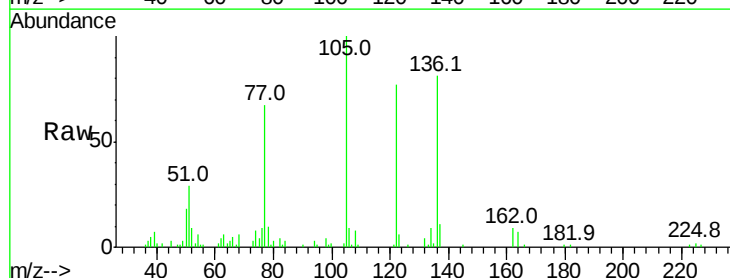
Tgt Ion:122 Resp: 109330

Ion Ratio Lower Upper

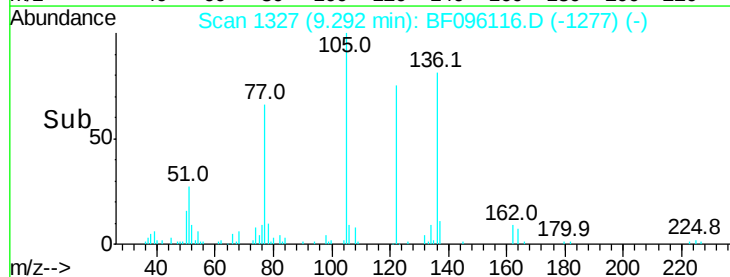
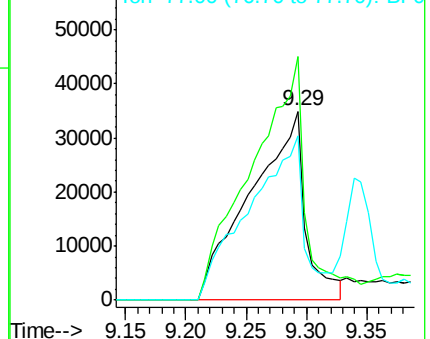
122 100

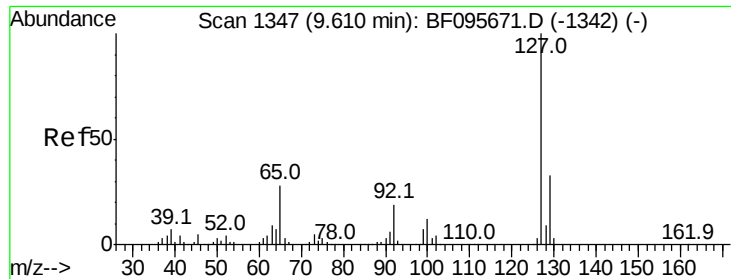
105 129.1 103.3 143.3

77 87.0 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

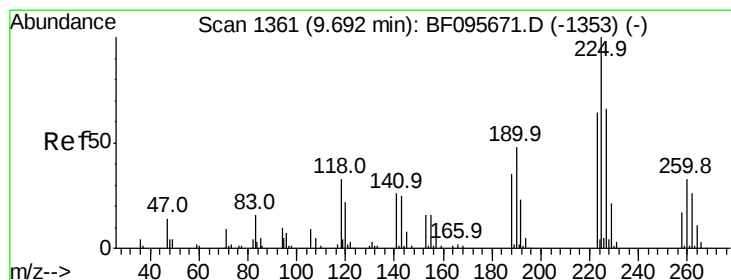
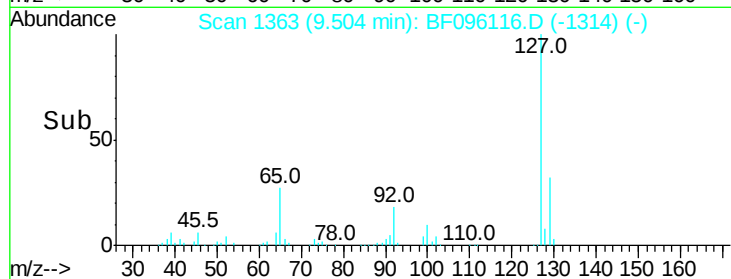
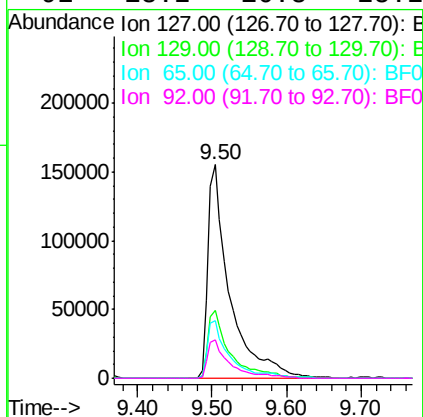
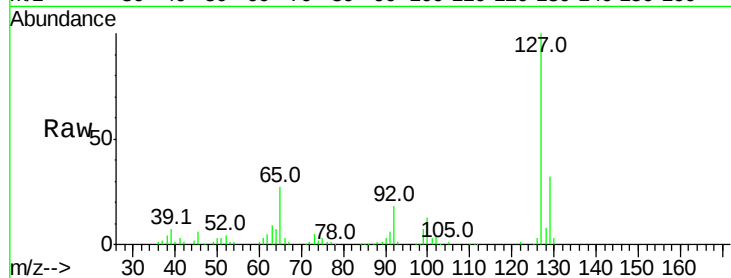




#33
4-Chloroaniline
Concen: 39.82 ng
RT: 9.50 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

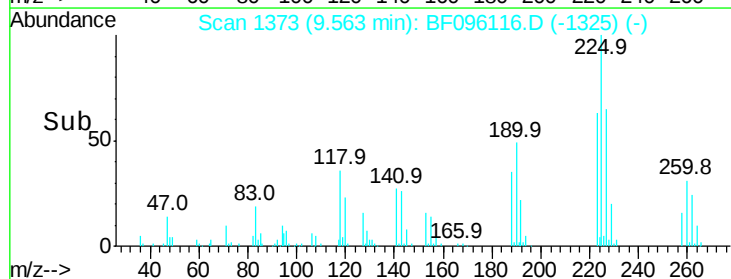
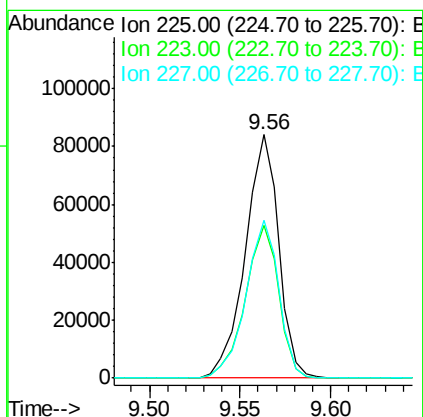
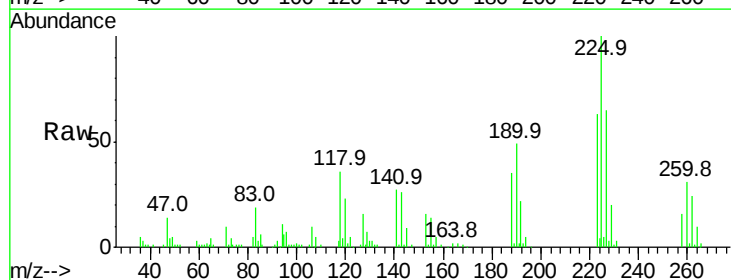
Instrument :
BNA_F
ClientSampleId :

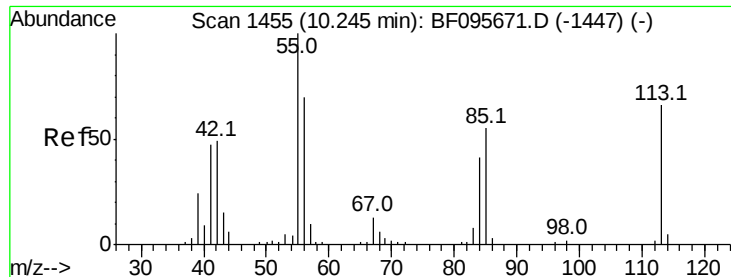
Tot Ion:	127	Resp:	315459
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	27.3	27.8	41.8#
92	18.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 36.77 ng
RT: 9.56 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion:	225	Resp:	107487
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	64.6	51.1	76.7





#35

Caprolactam

Concen: 43.94 ng

RT: 10.16 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

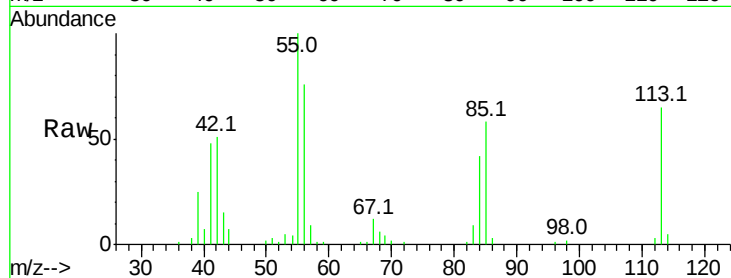
Tot Ion:113 Resp: 71088

Ion Ratio Lower Upper

113 100

55 152.7 150.2 190.2

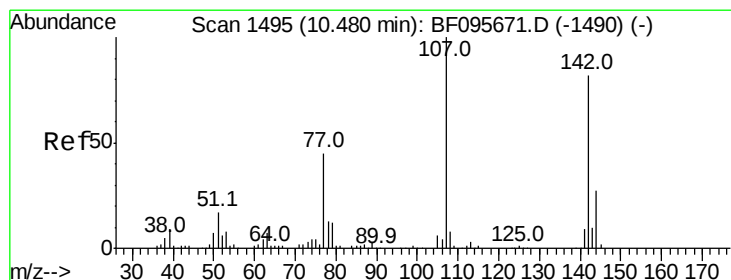
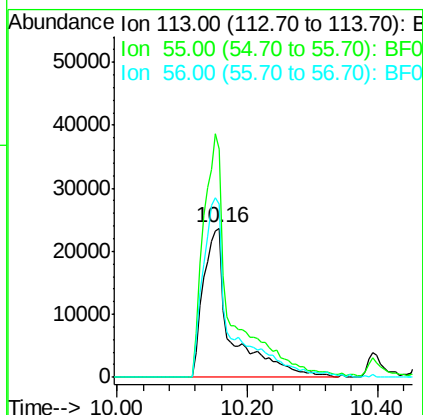
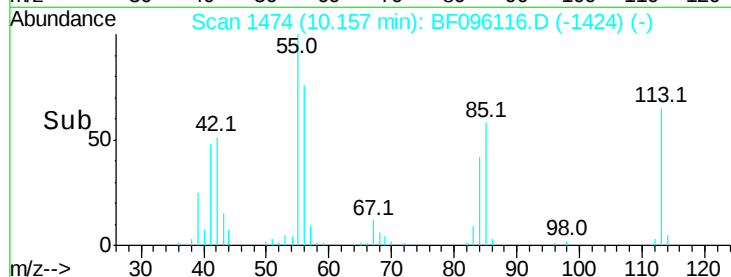
56 116.0 107.8 147.8



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: 39.89 ng

RT: 10.39 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

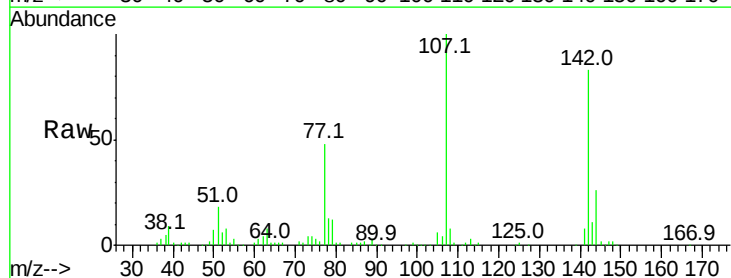
Tgt Ion:107 Resp: 227028

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

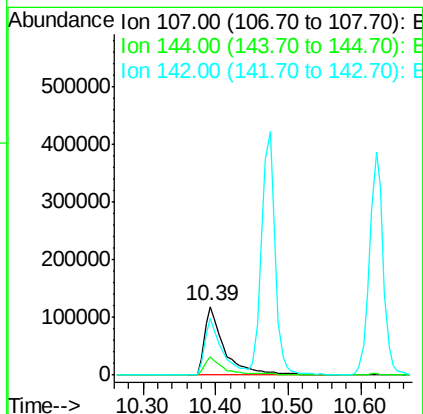
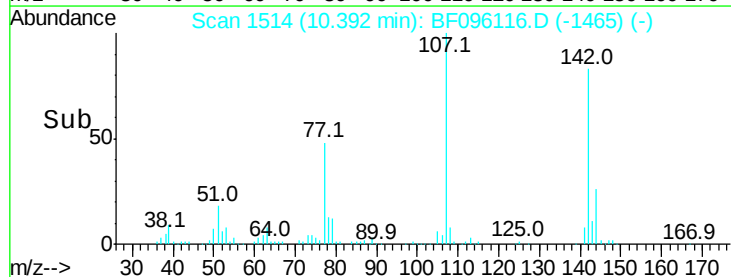
142 82.9 73.4 110.0

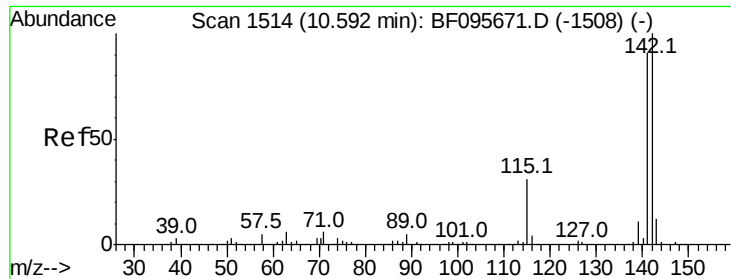


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

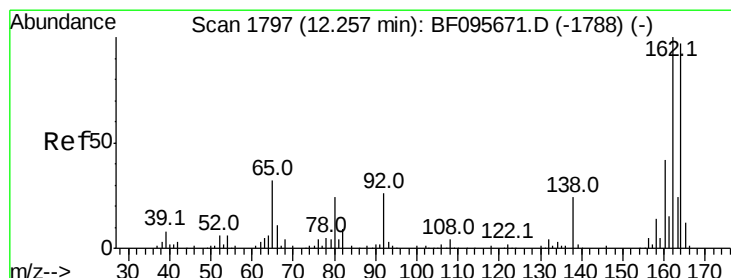
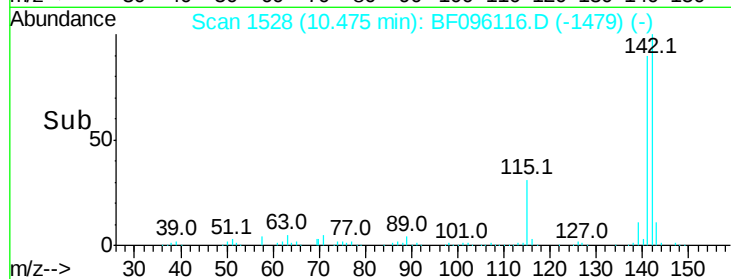
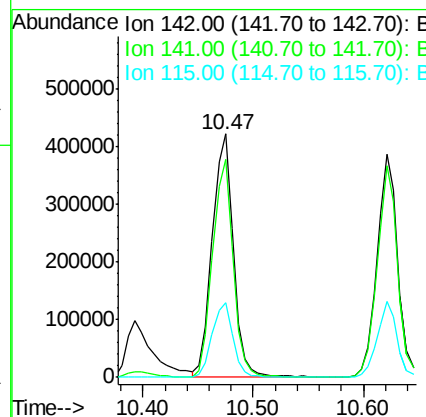
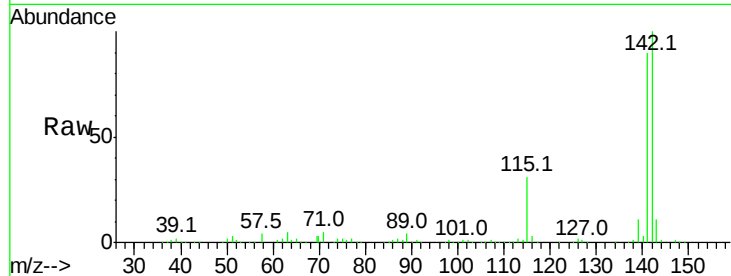




#37
 2-Methylnaphthalene
 Concen: 40.55 ng
 RT: 10.47 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

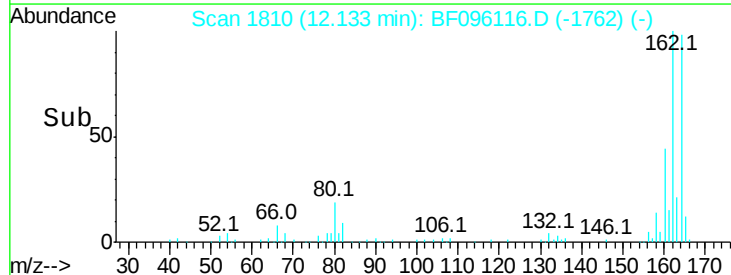
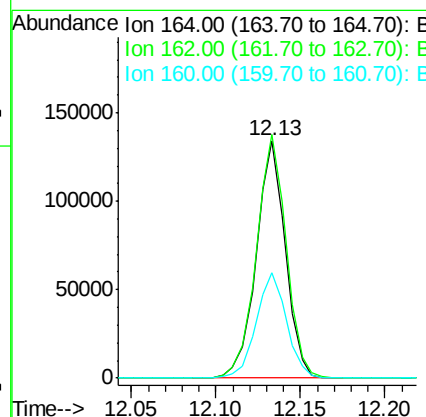
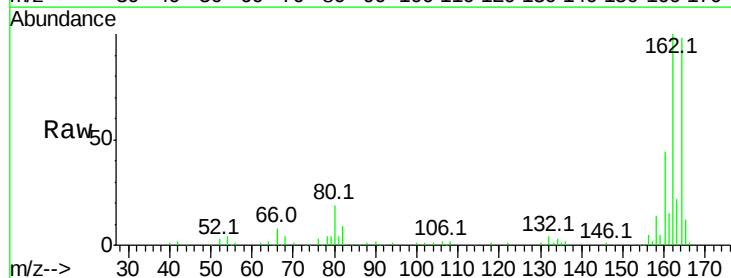
Instrument :
 BNA_F
 ClientSampled :

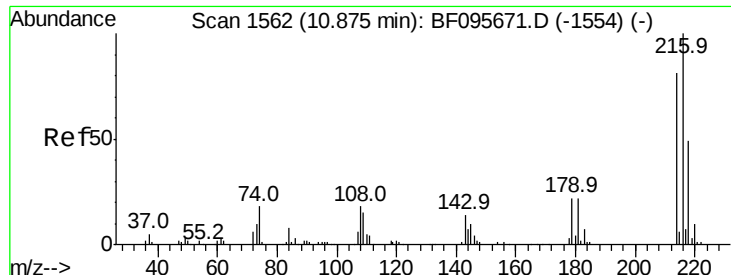
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	30.7	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	44.6	36.2	54.2

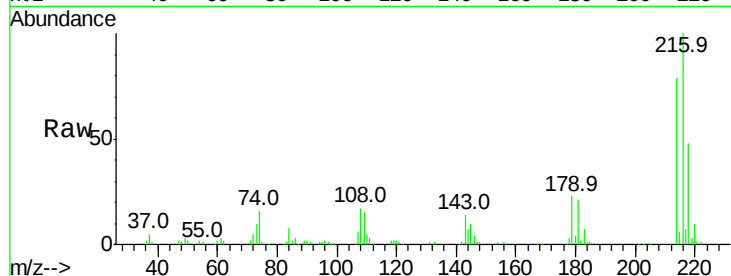




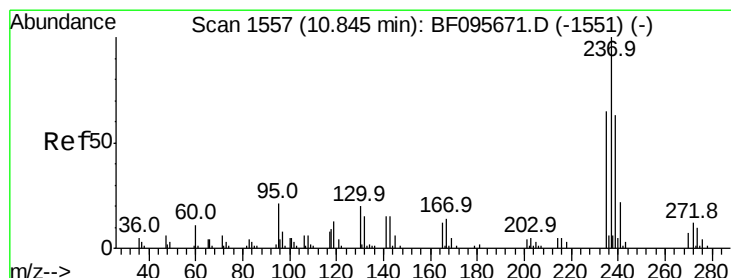
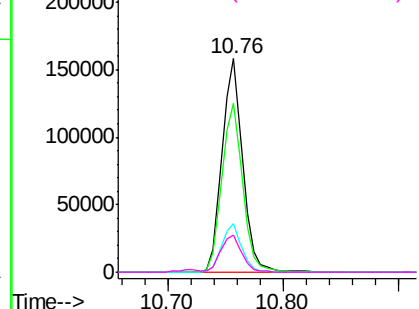
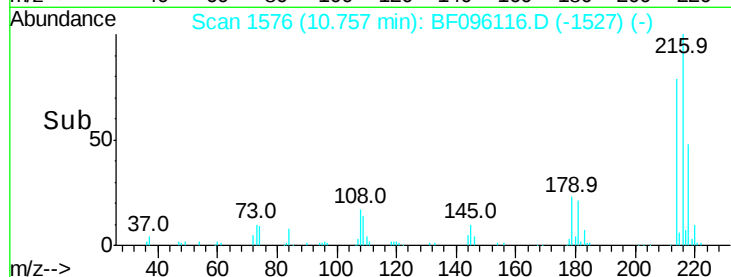
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.61 ng
 RT: 10.76 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	195841
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	22.2	17.9	26.9
108	18.9	16.5	24.7

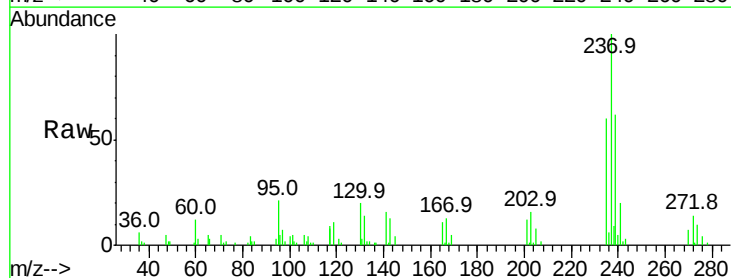


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

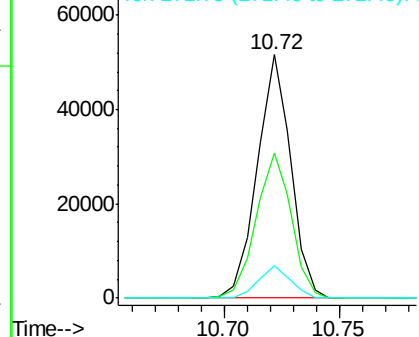
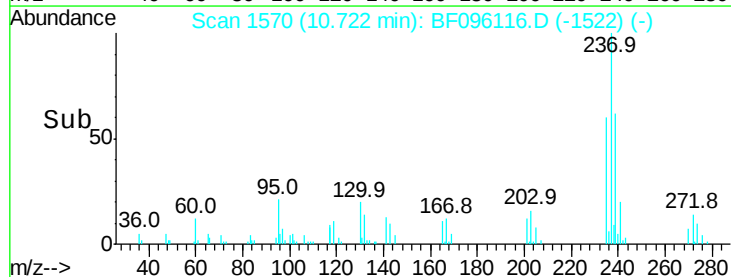


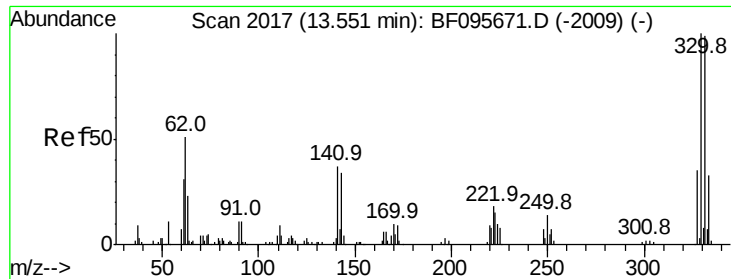
#40
 Hexachlorocyclopentadiene
 Concen: 40.97 ng
 RT: 10.72 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion:	237	Resp:	52294
Ion	Ratio	Lower	Upper
237	100		
235	59.8	42.6	82.6
272	13.5	0.0	31.9



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

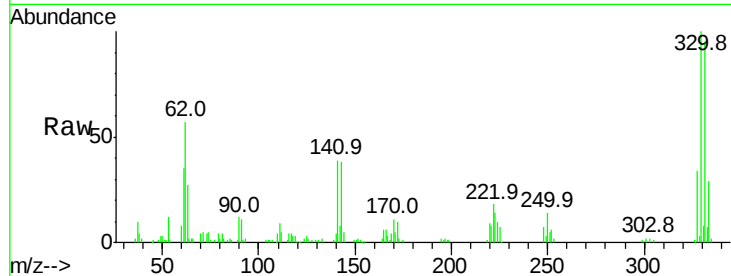




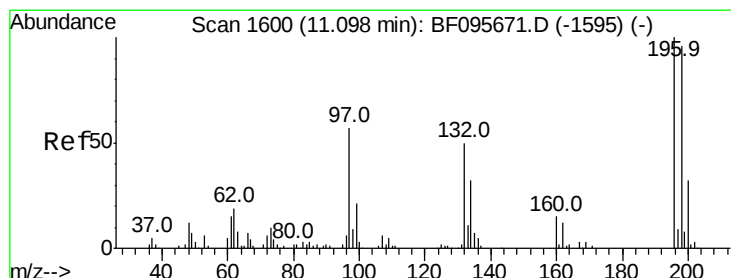
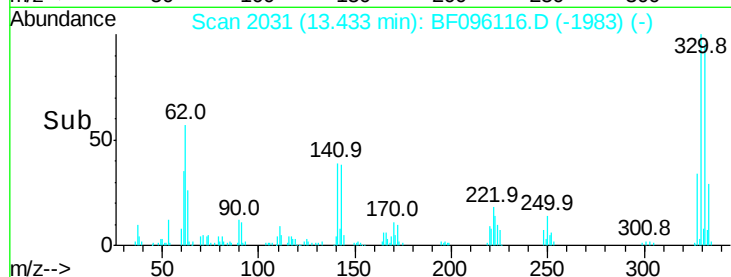
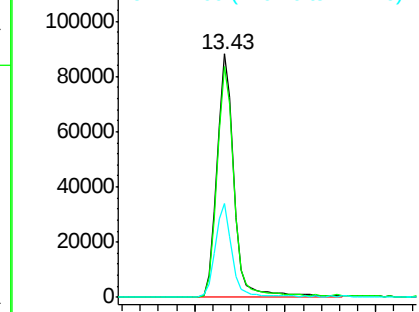
#41
 2,4,6-Tribromophenol
 Concen: 81.77 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 116590
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 37.8 31.4 47.2

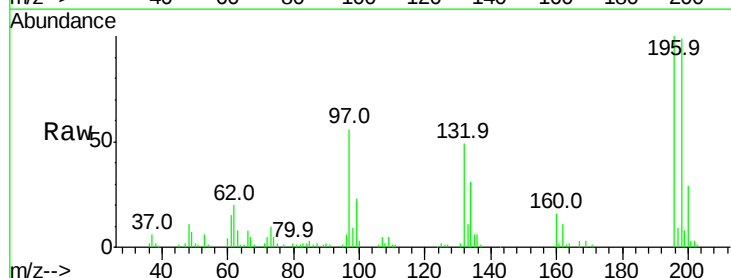


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

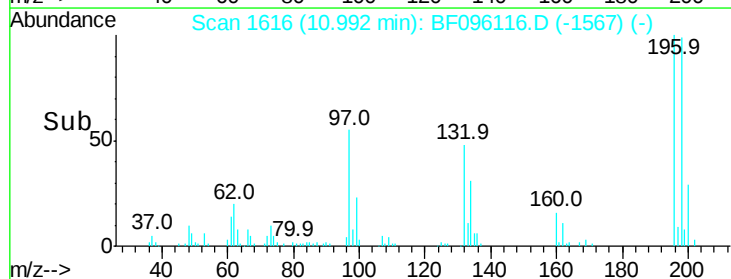
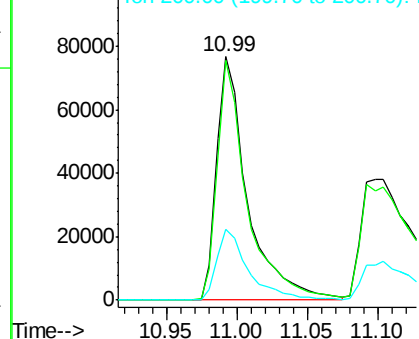


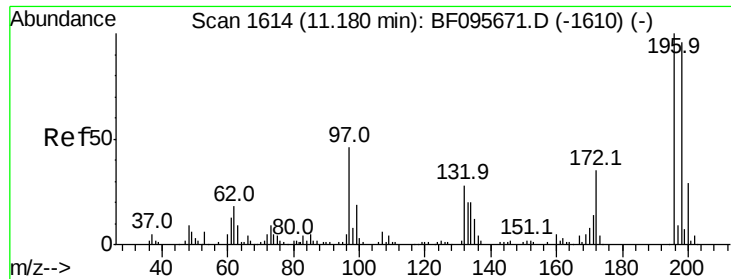
#42
 2,4,6-Trichlorophenol
 Concen: 37.79 ng
 RT: 10.99 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion:196 Resp: 117188
 Ion Ratio Lower Upper
 196 100
 198 98.6 74.2 111.4
 200 29.2 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

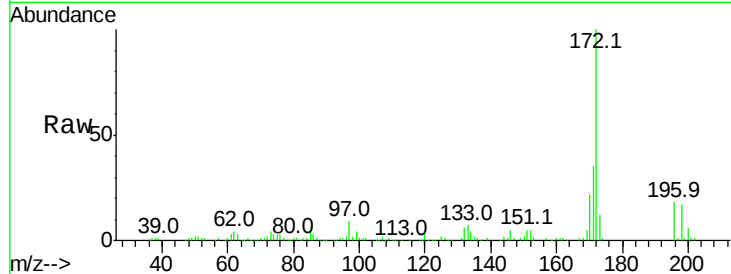




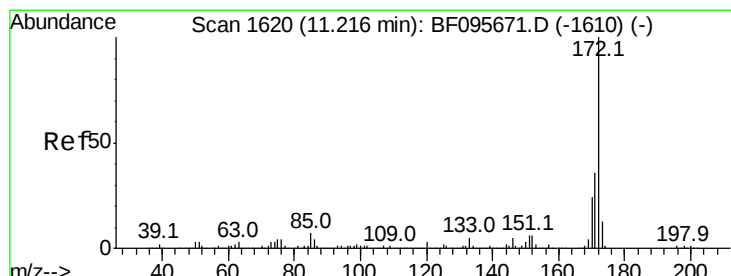
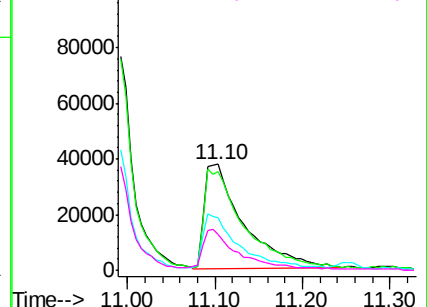
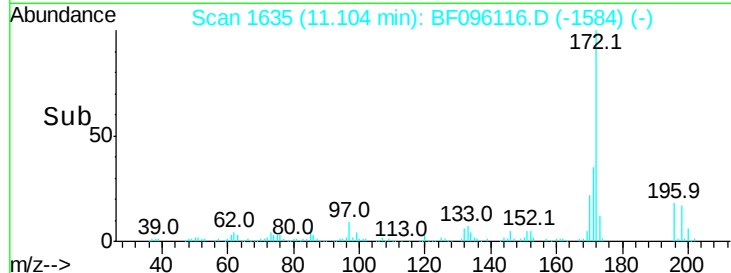
#43
 2,4,5-Trichlorophenol
 Concen: 35.60 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 117409
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 97 49.4 47.7 71.5
 132 33.7 28.0 42.0

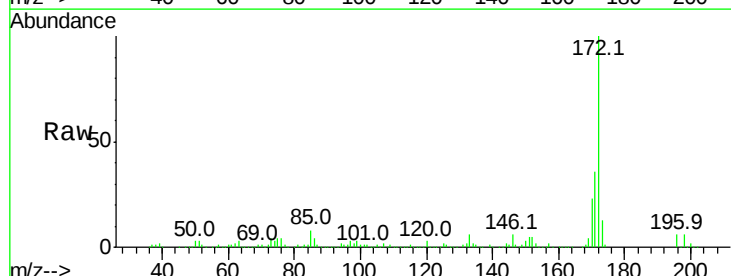


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

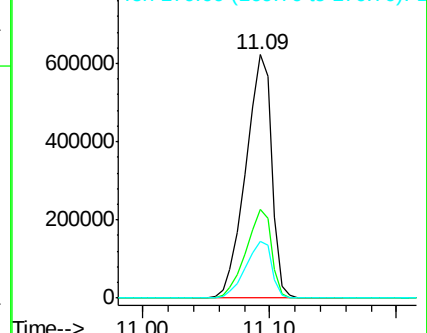
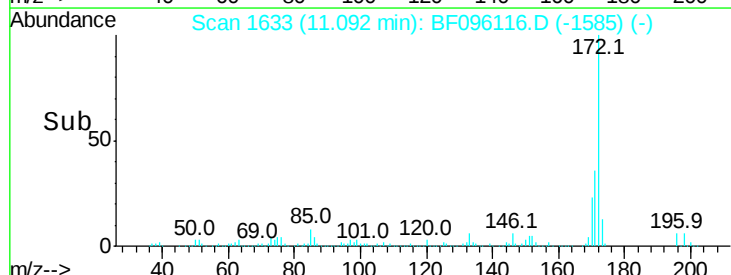


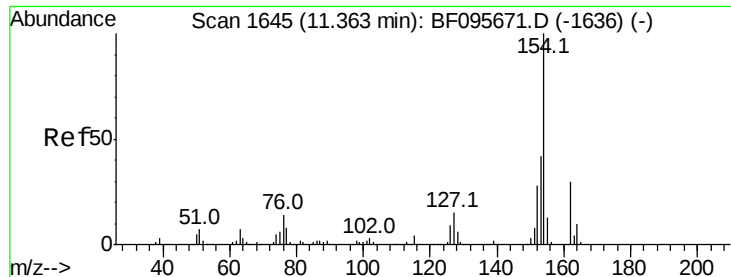
#44
 2-Fluorobiphenyl
 Concen: 76.57 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion:172 Resp: 886698
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.2 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

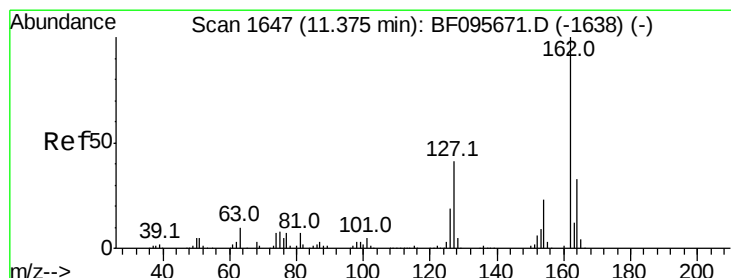
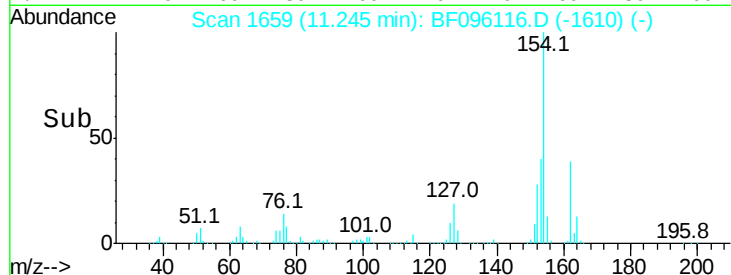
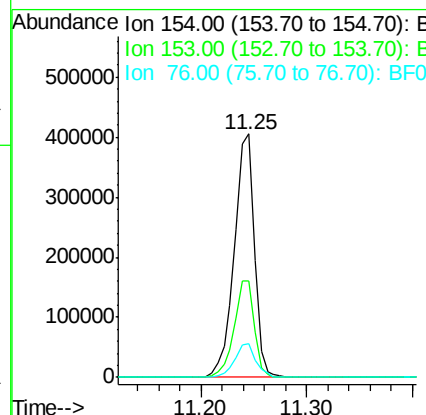
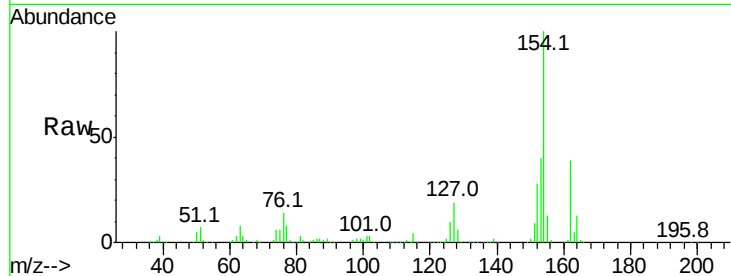




#45
 1,1'-Biphenyl
 Concen: 39.91 ng
 RT: 11.25 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

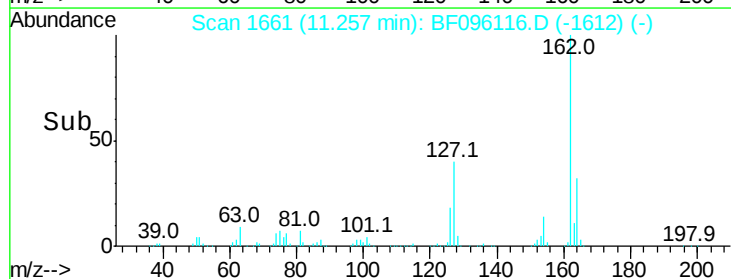
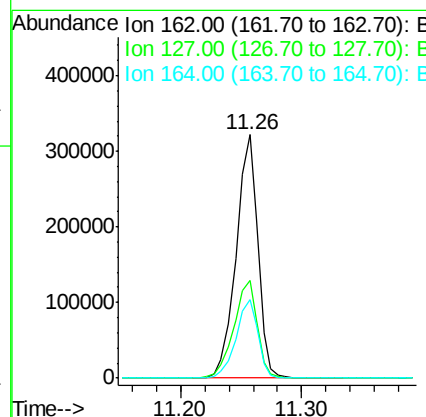
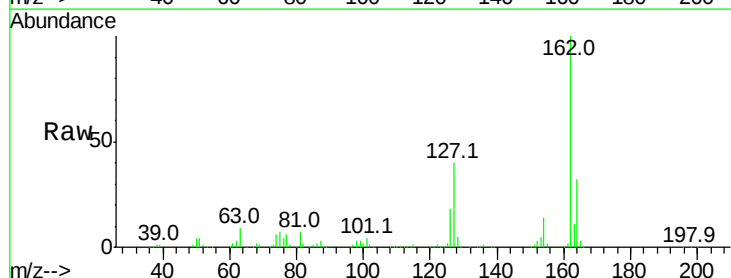
Instrument :
 BNA_F
 ClientSampleId :

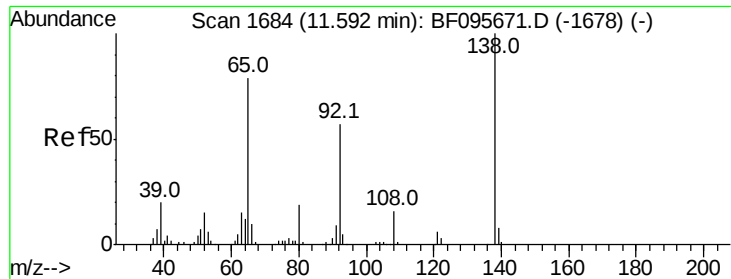
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.2	61.2
76	13.7	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 38.99 ng
 RT: 11.26 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	28.3	42.5
164	32.4	27.0	40.4





#47

2-Nitroaniline

Concen: 40.50 ng

RT: 11.49 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampled :

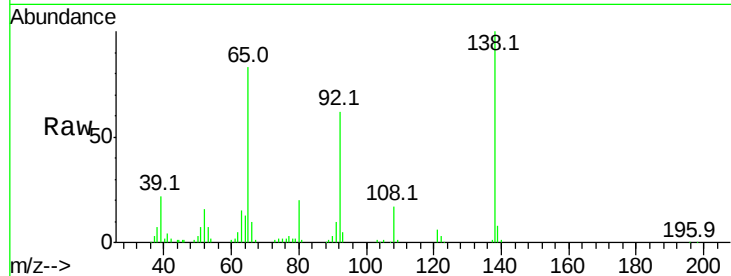
Tot Ion: 65 Resp: 122983

Ion Ratio Lower Upper

65 100

92 75.1 53.9 80.9

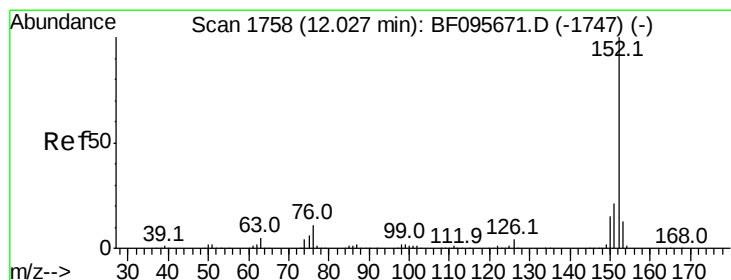
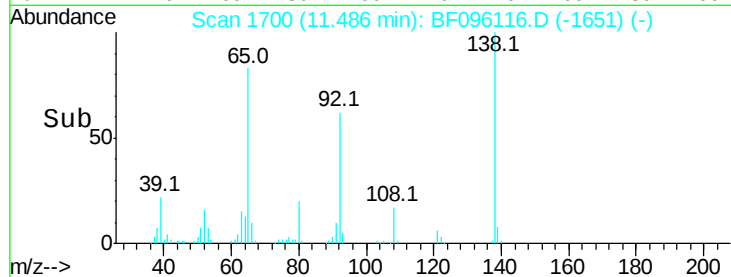
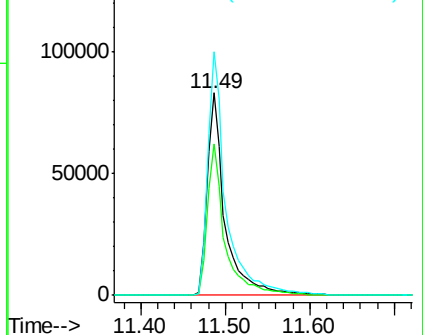
138 120.5 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 37.36 ng

RT: 11.90 min Scan# 1771

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

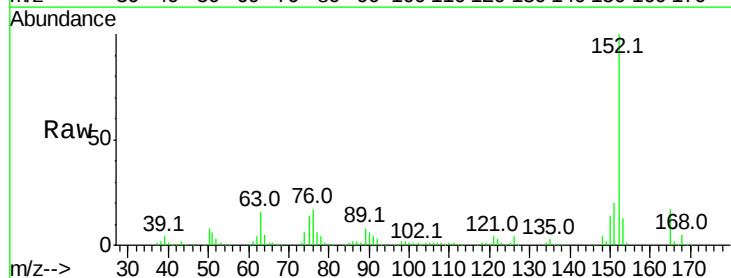
Tgt Ion: 152 Resp: 662918

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

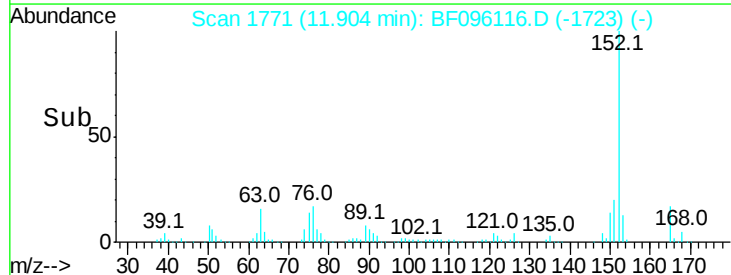
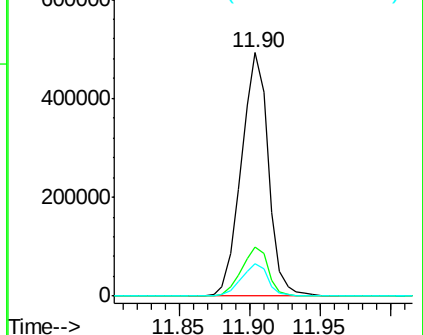
153 13.2 10.8 16.2

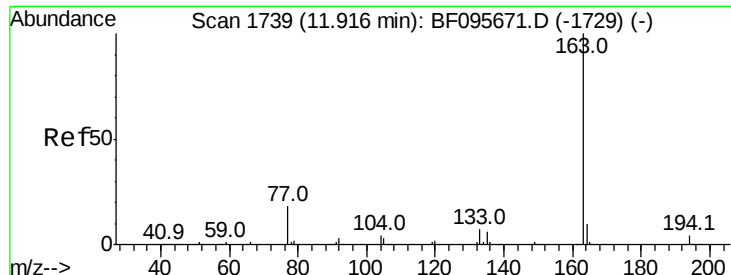


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.06 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

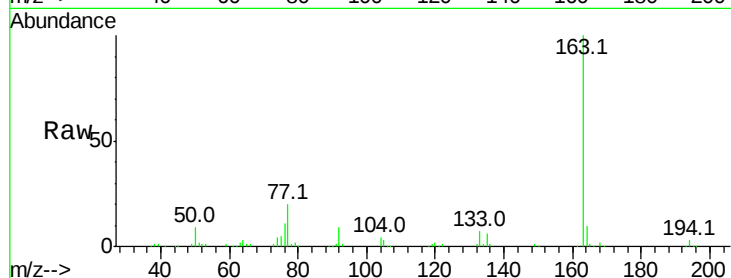
Tot Ion:163 Resp: 477929

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

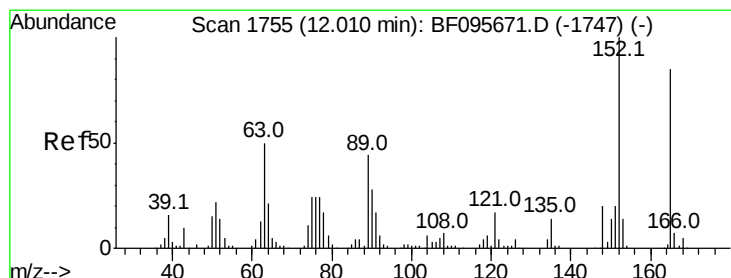
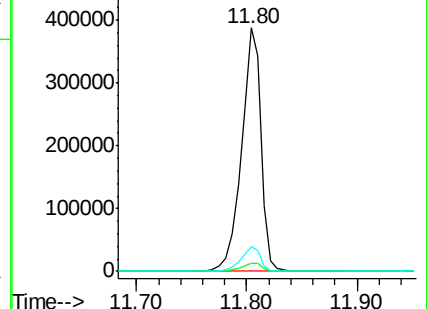
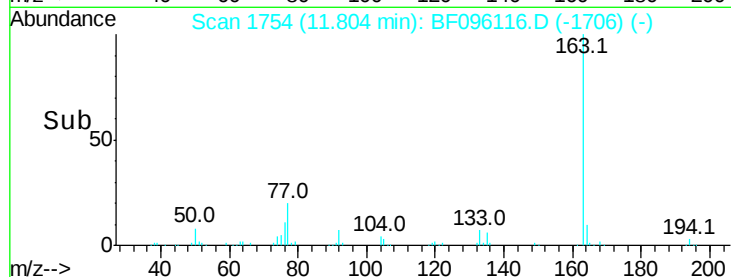
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.62 ng

RT: 11.90 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

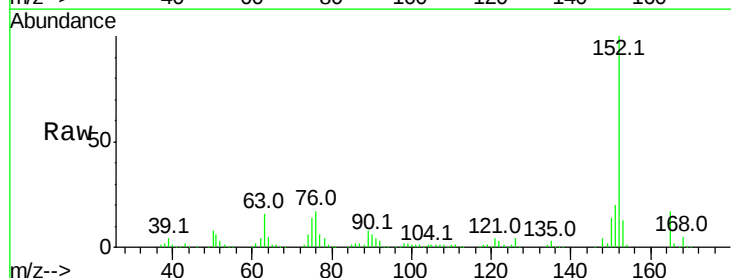
Tgt Ion:165 Resp: 100401

Ion Ratio Lower Upper

165 100

63 89.9 34.3 51.5#

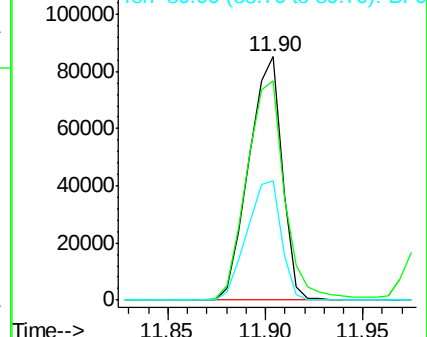
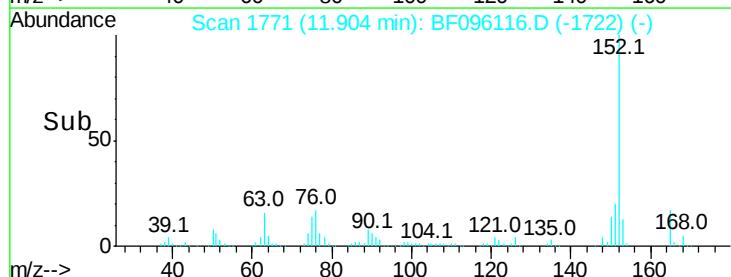
89 49.0 37.1 55.7

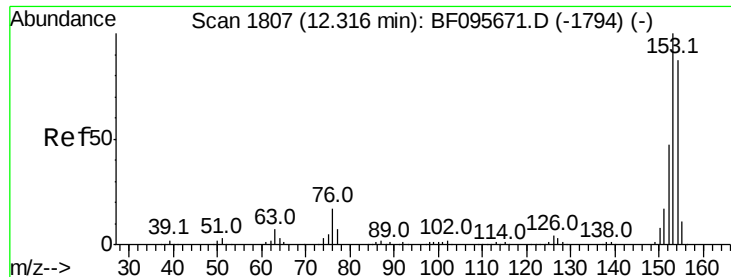


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.29 ng

RT: 12.19 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampled :

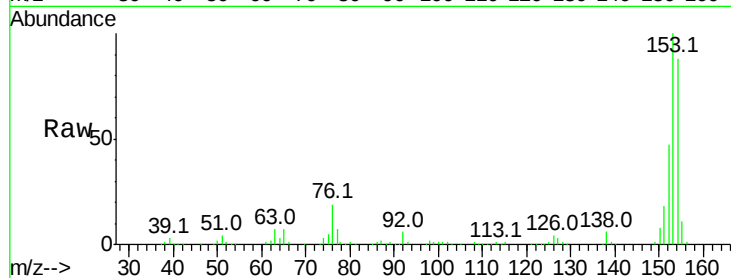
Tot Ion:154 Resp: 402694

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

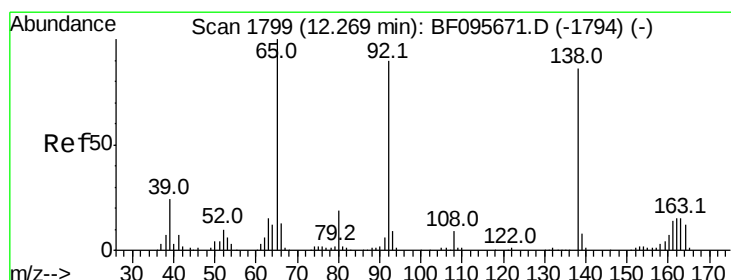
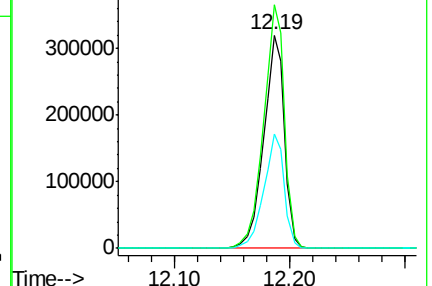
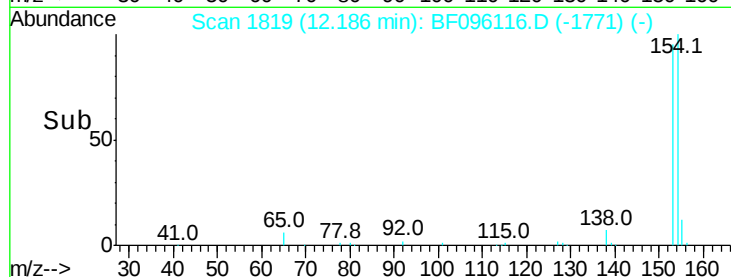
152 53.5 43.6 65.4



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: 40.93 ng

RT: 12.17 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

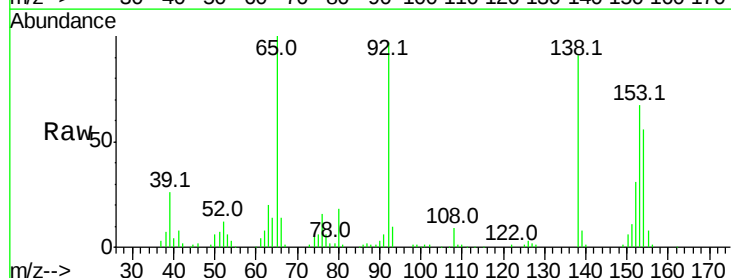
Tgt Ion:138 Resp: 127264

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

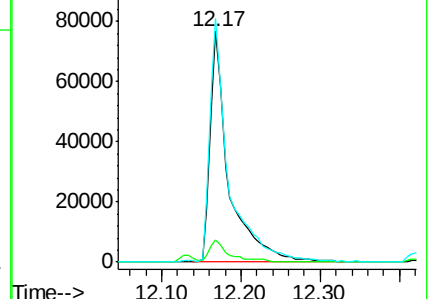
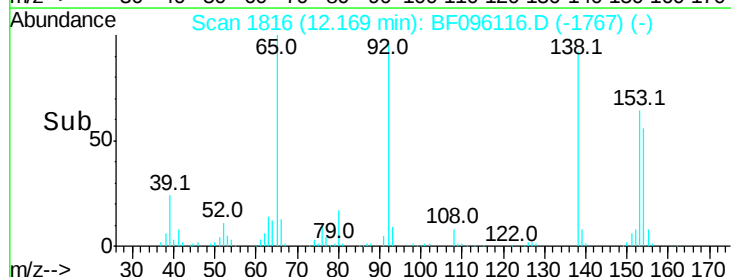
92 105.6 93.8 140.6

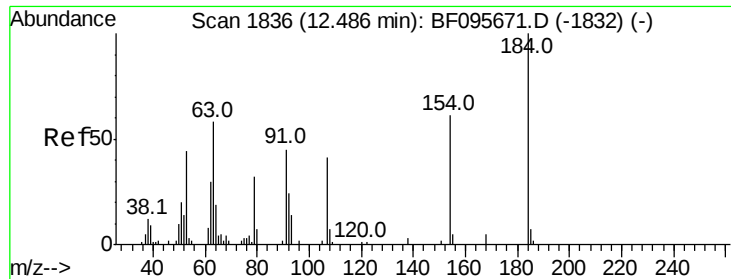


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

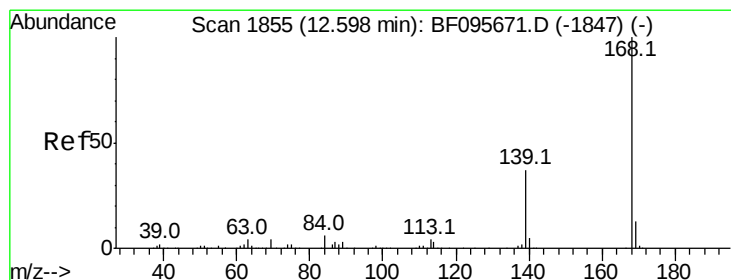
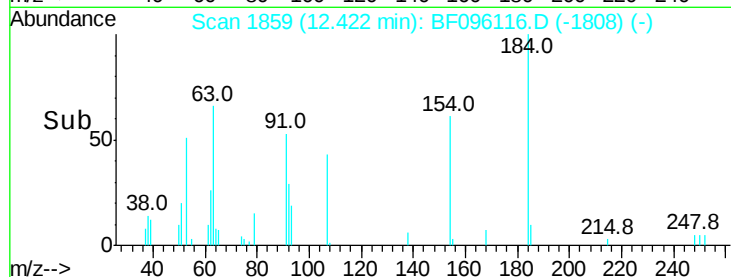
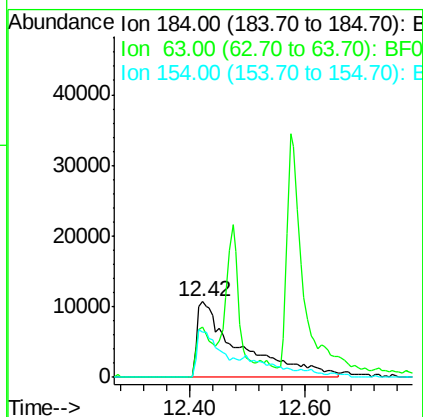
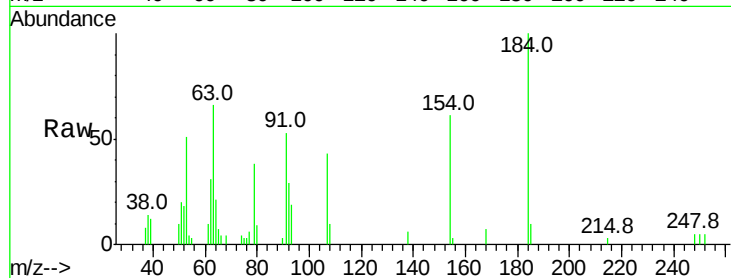




#53
 2,4-Dinitrophenol
 Concen: 40.35 ng
 RT: 12.42 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

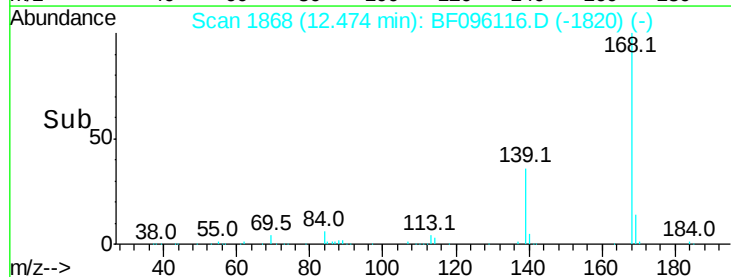
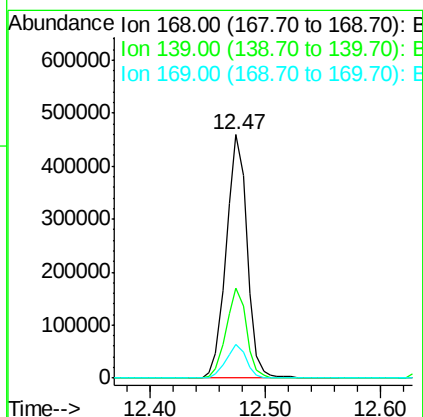
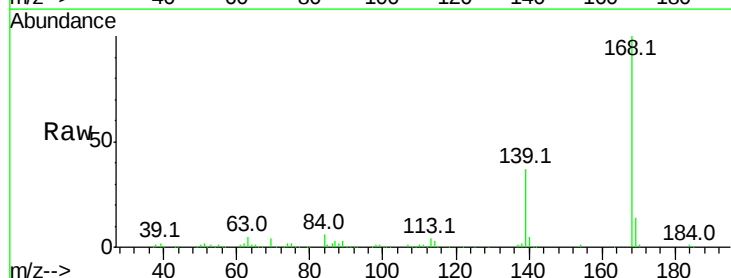
Instrument :
 BNA_F
 ClientSampled :

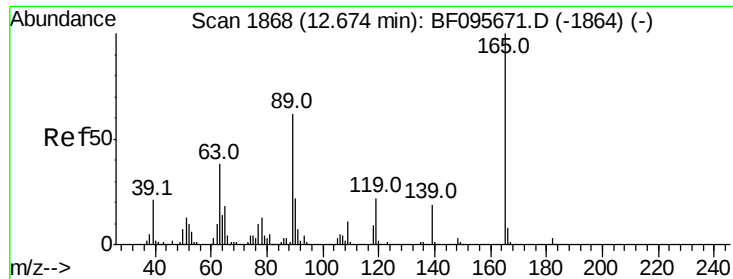
Tot Ion:184 Resp: 55692
 Ion Ratio Lower Upper
 184 100
 63 66.3 62.7 94.1
 154 60.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.82 ng
 RT: 12.47 min Scan# 1868
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion:168 Resp: 574374
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.7 10.8 16.2

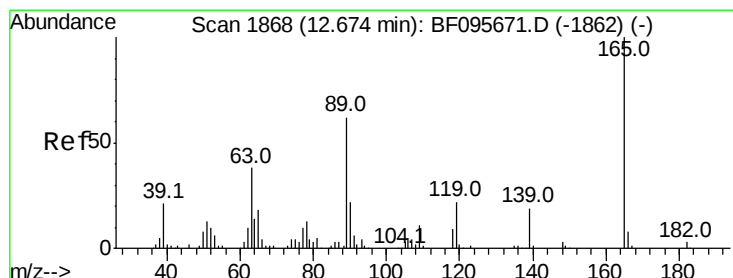
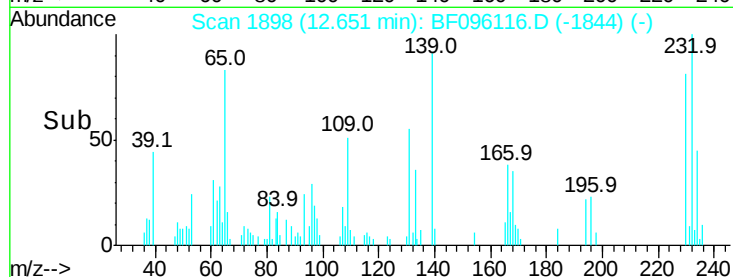
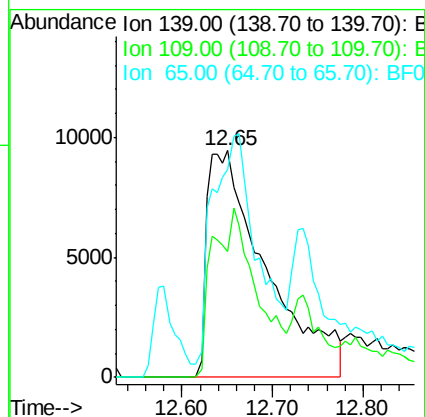
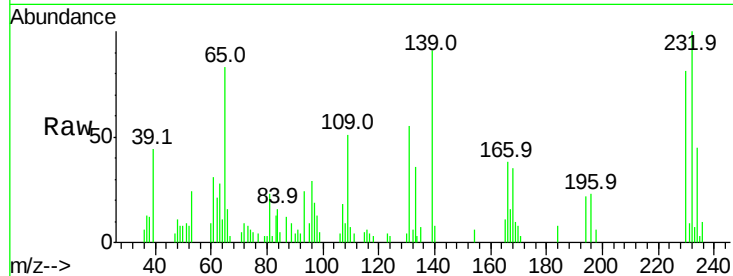




#55
4-Nitrophenol
Concen: 26.92 ng
RT: 12.65 min Scan# 1898
Delta R.T. 0.02 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

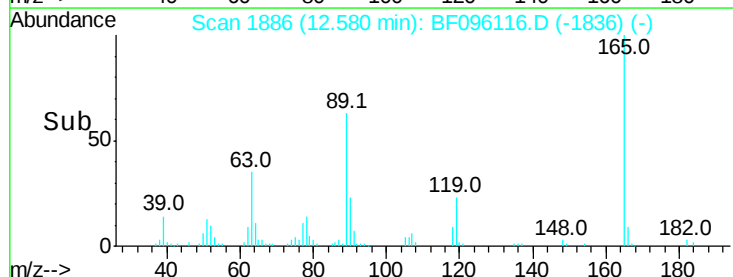
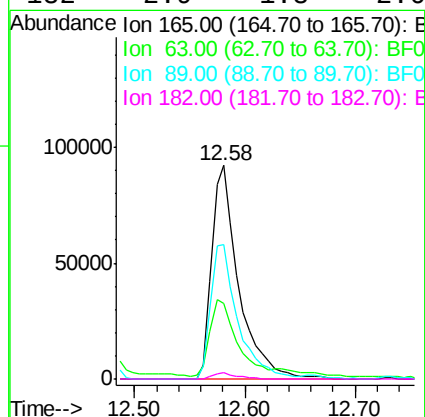
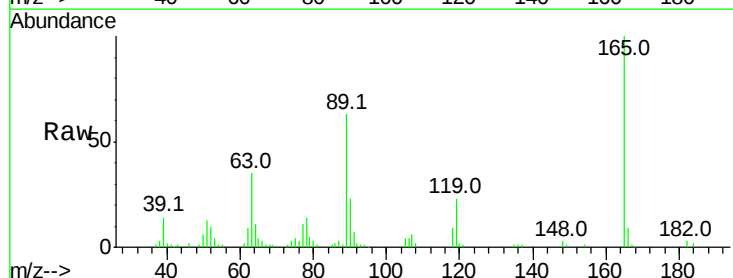
Instrument :
BNA_F
ClientSampleId :

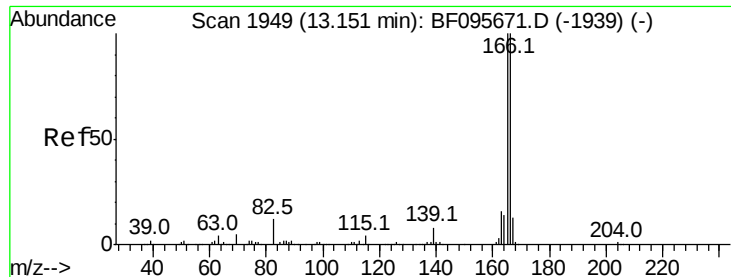
Tot Ion:139 Resp: 42958
Ion Ratio Lower Upper
139 100
109 55.7 34.1 74.1
65 91.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.71 ng
RT: 12.58 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion:165 Resp: 153947
Ion Ratio Lower Upper
165 100
63 35.4 25.4 38.0
89 62.8 46.4 69.6
182 2.9 1.8 2.6#





#57

Fluorene

Concen: 40.07 ng

RT: 13.03 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

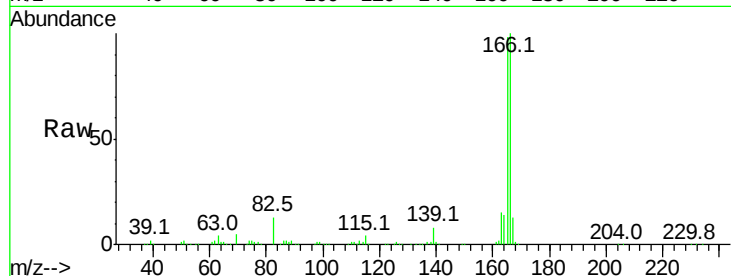
Tot Ion:166 Resp: 503010

Ion Ratio Lower Upper

166 100

165 97.6 78.8 118.2

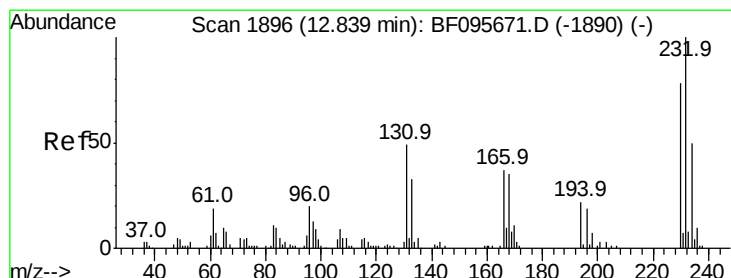
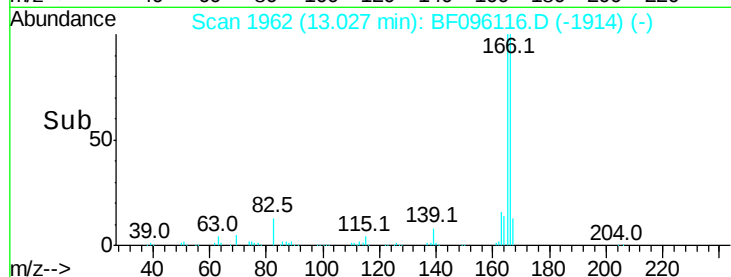
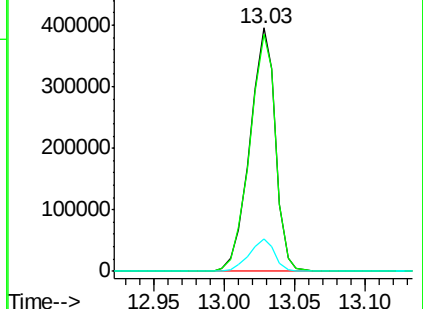
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.50 ng

RT: 12.73 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Tgt Ion:232 Resp: 86885

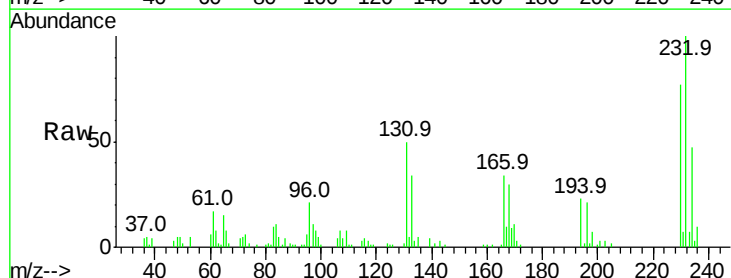
Ion Ratio Lower Upper

232 100

131 45.3 44.8 67.2

130 1.6 2.3 3.5#

166 23.6 29.0 43.4#

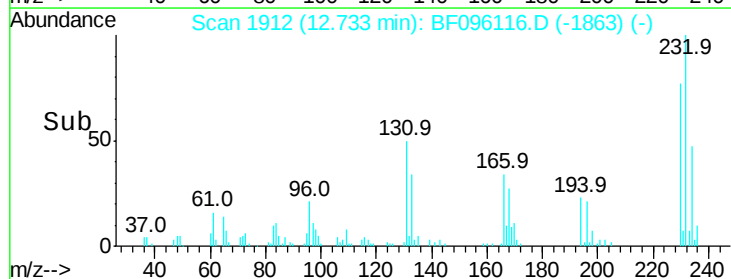
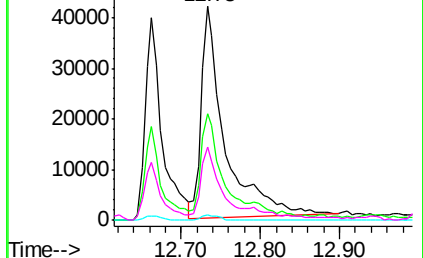


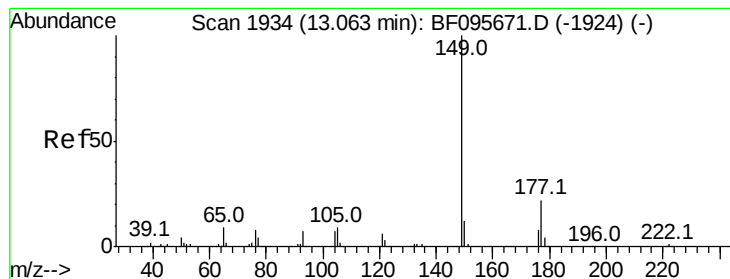
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.27 ng

RT: 12.95 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

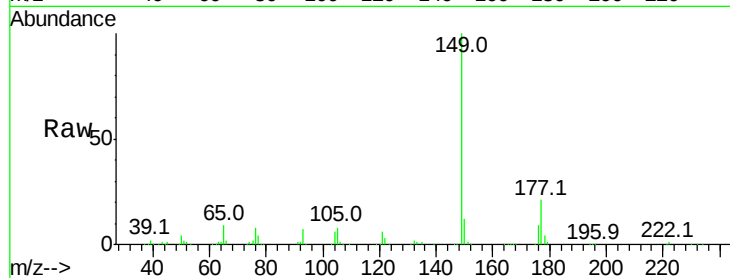
Tot Ion:149 Resp: 485944

Ion Ratio Lower Upper

149 100

177 21.1 16.7 25.1

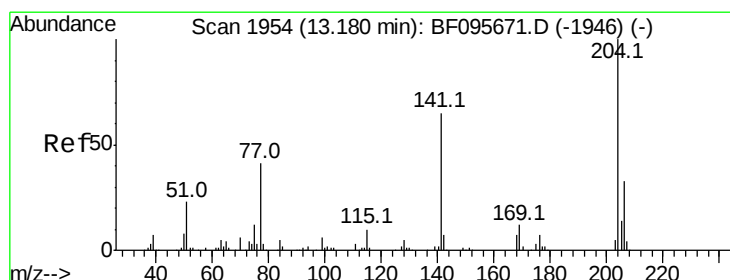
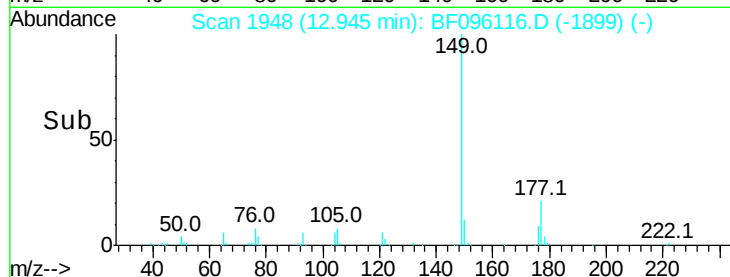
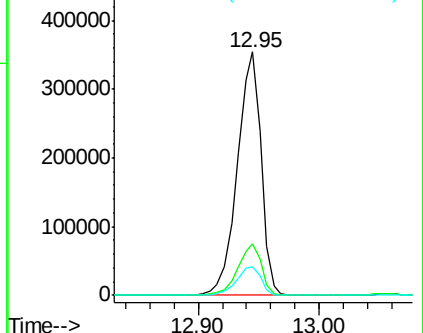
150 11.9 10.2 15.2



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: 40.42 ng

RT: 13.06 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

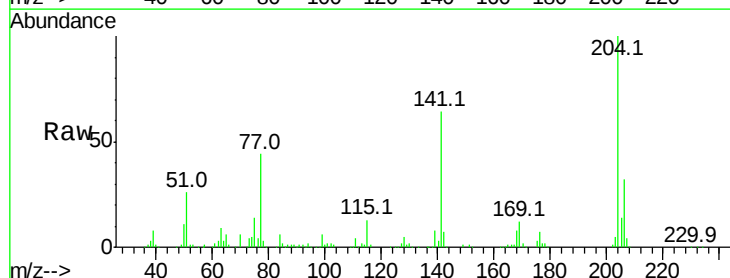
Tgt Ion:204 Resp: 220664

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.2

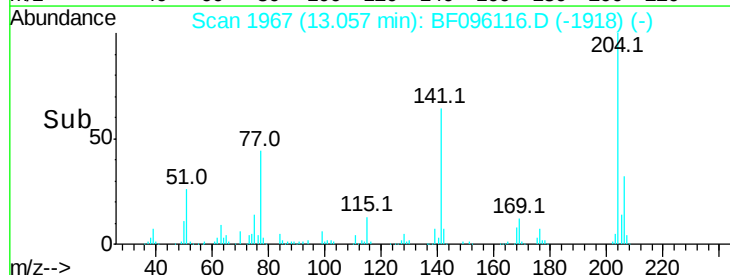
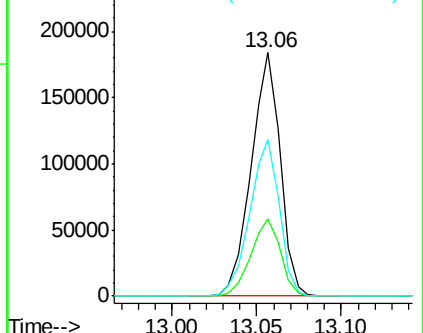
141 64.1 60.8 91.2

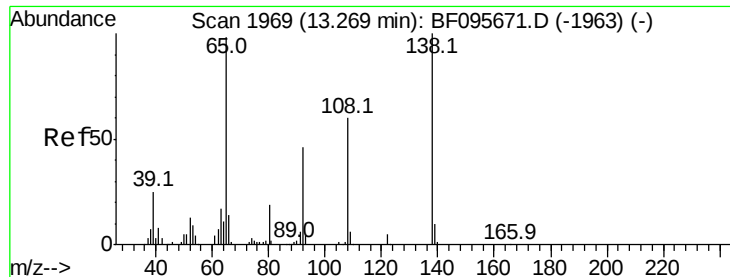


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

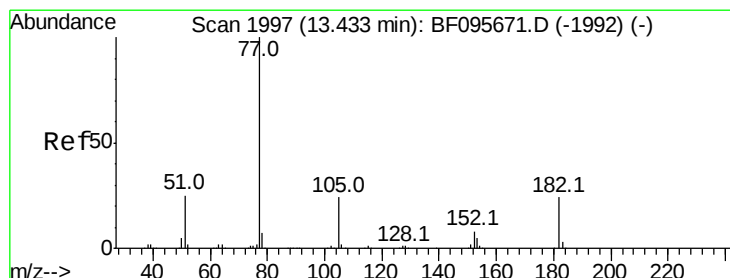
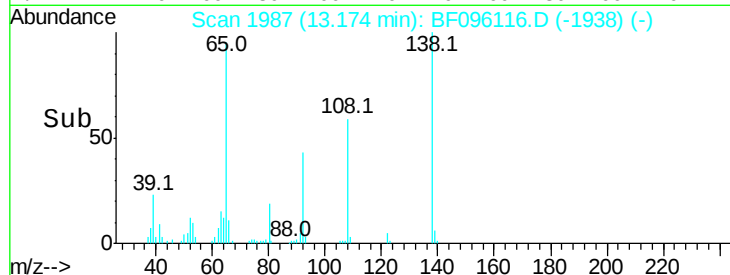
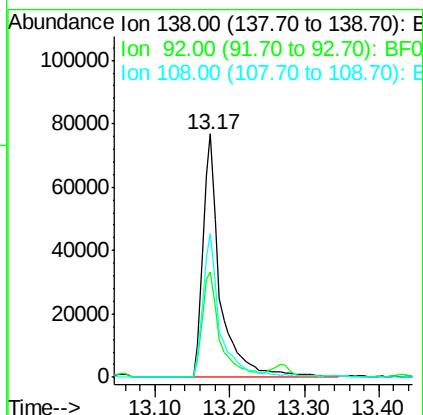
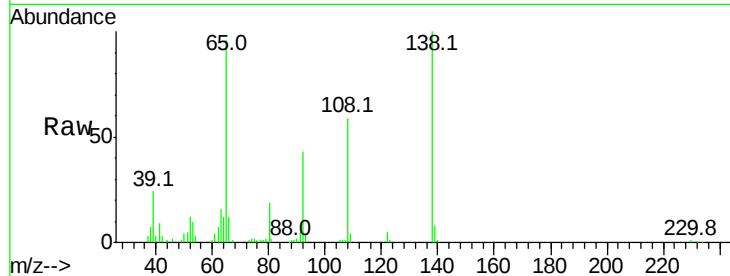




#61
4-Nitroaniline
Concen: 43.17 ng
RT: 13.17 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

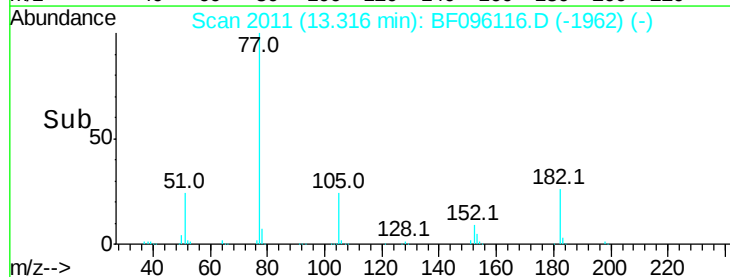
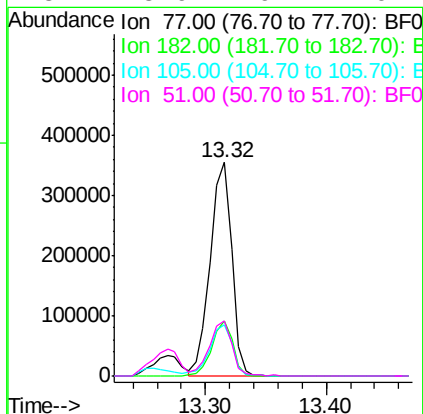
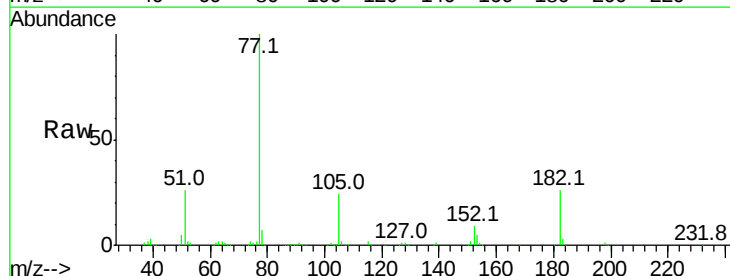
Instrument :
BNA_F
ClientSampled :

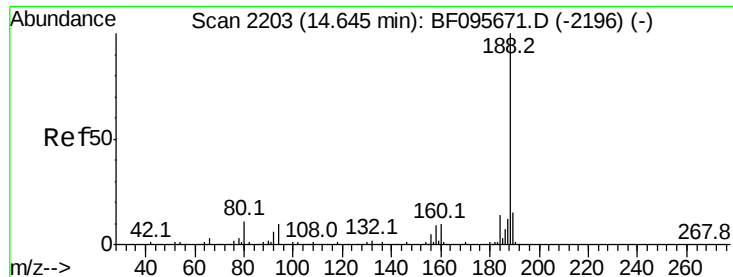
Tot Ion:138 Resp: 125324
Ion Ratio Lower Upper
138 100
92 43.4 21.8 61.8
108 59.1 42.3 82.3



#62
Azobenzene
Concen: 40.97 ng
RT: 13.32 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion: 77 Resp: 437245
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 24.3 3.6 43.6
51 25.9 9.4 49.4

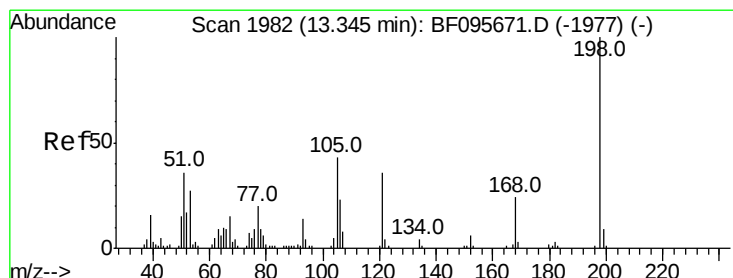
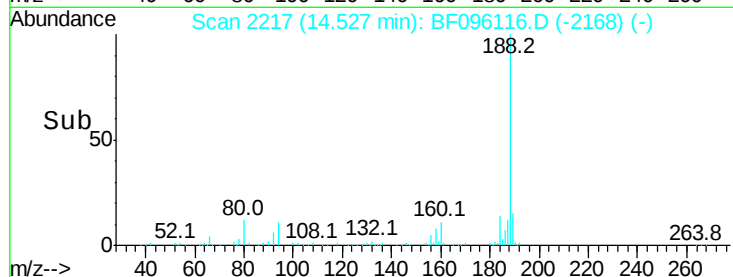
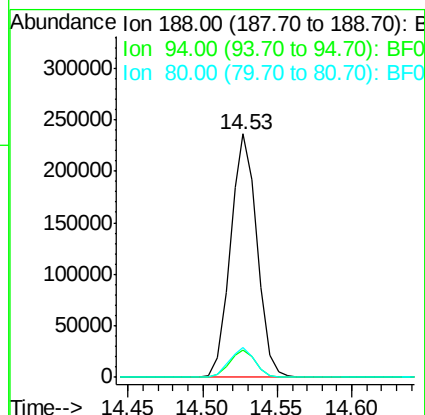
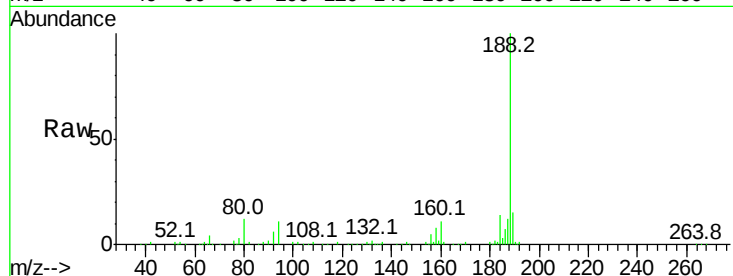




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

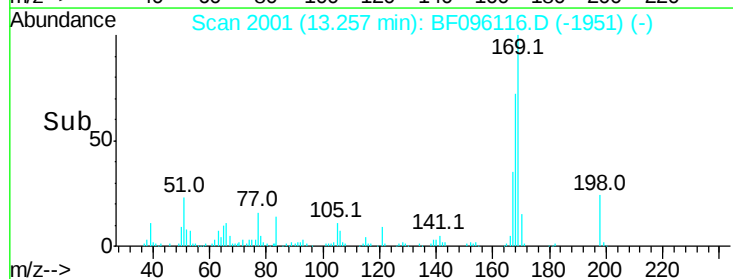
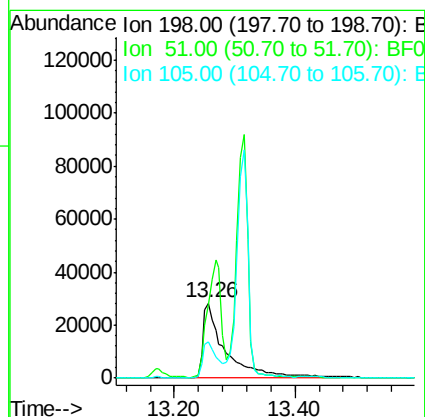
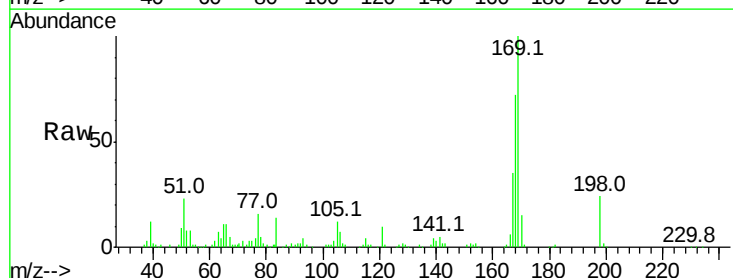
Instrument :
BNA_F
ClientSampleId :

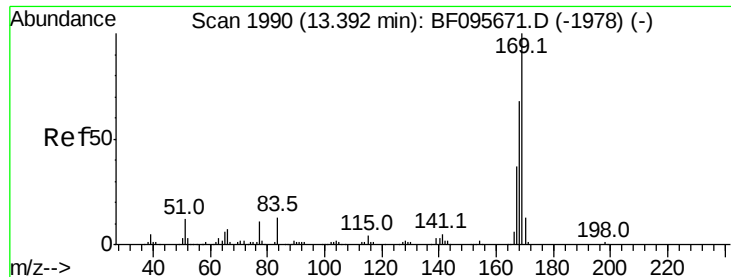
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	12.0	10.2	15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 38.63 ng
RT: 13.26 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion	Ratio	Lower	Upper
198	100		
51	98.7	53.2	93.2#
105	48.9	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 38.98 ng

RT: 13.27 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

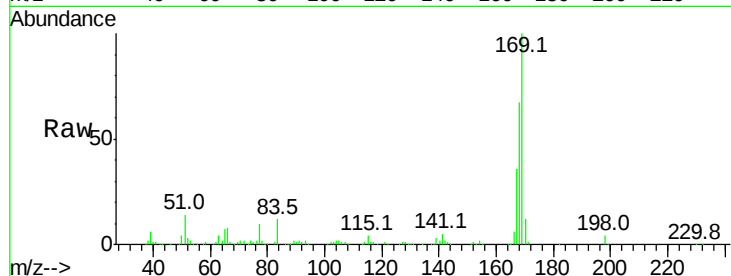
Tot Ion:169 Resp: 411369

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

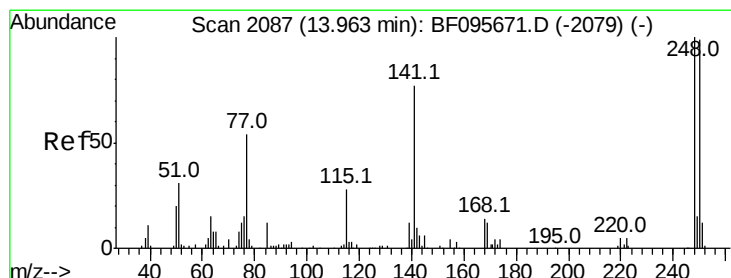
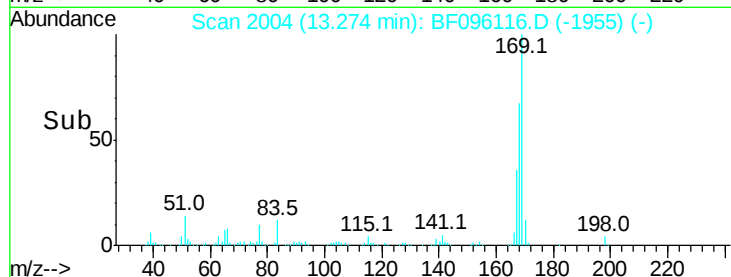
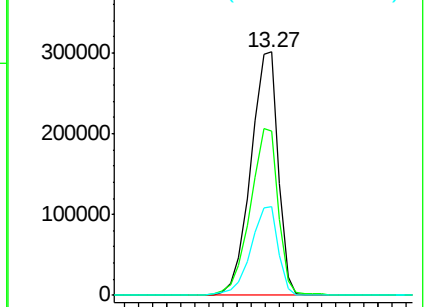
167 36.4 29.5 44.3



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: 40.34 ng

RT: 13.83 min Scan# 2099

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

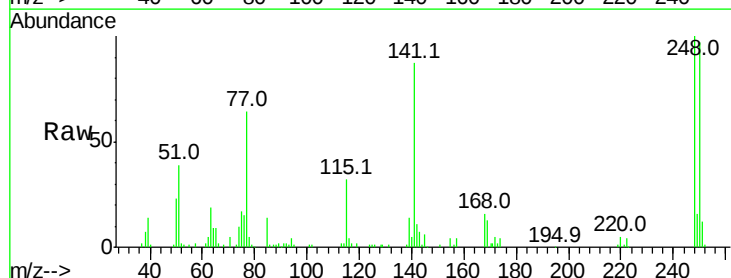
Tgt Ion:248 Resp: 123138

Ion Ratio Lower Upper

248 100

250 96.7 76.8 115.2

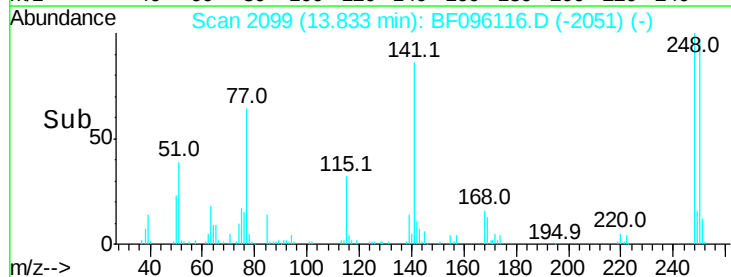
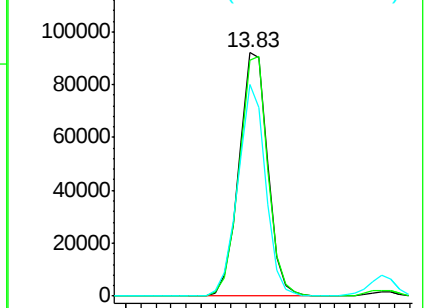
141 86.7 68.6 103.0

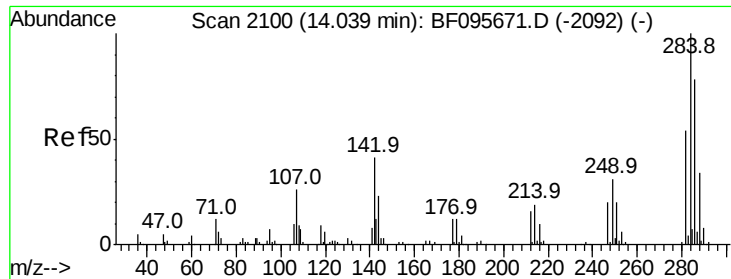


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.50 ng

RT: 13.92 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

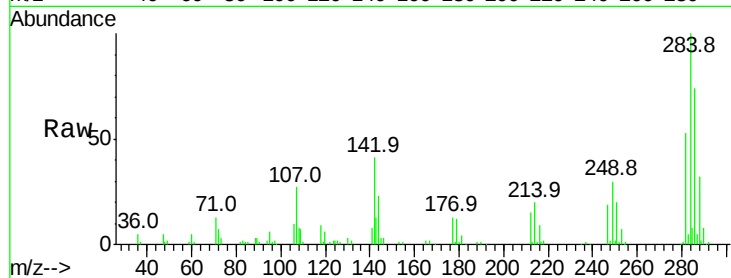
Tot Ion:284 Resp: 124832

Ion Ratio Lower Upper

284 100

142 41.2 22.8 34.2#

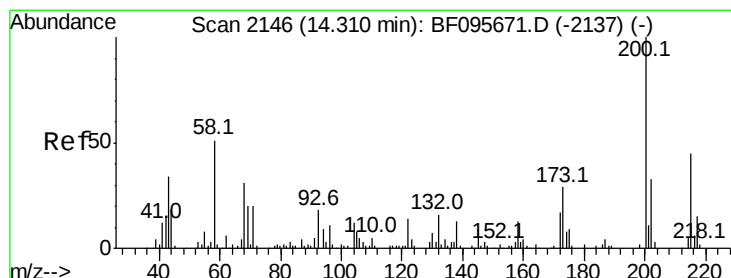
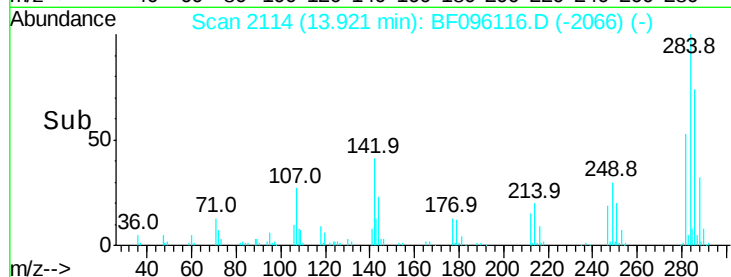
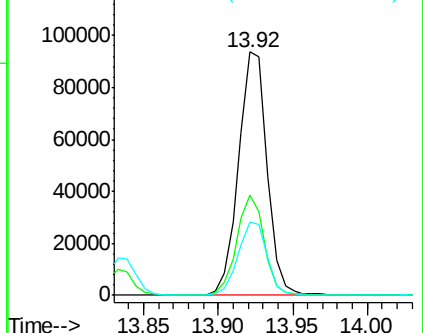
249 30.2 24.0 36.0



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: 42.38 ng

RT: 14.20 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

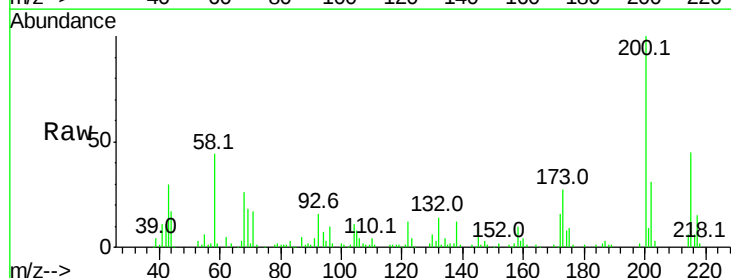
Tgt Ion:200 Resp: 124479

Ion Ratio Lower Upper

200 100

173 26.6 6.3 46.3

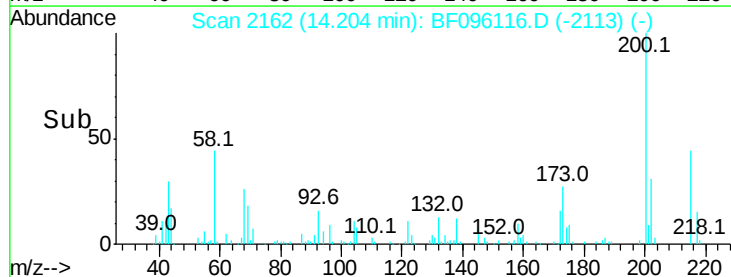
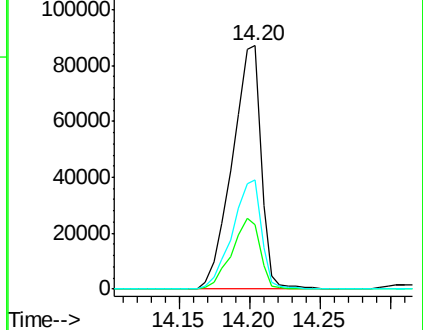
215 45.1 27.2 67.2

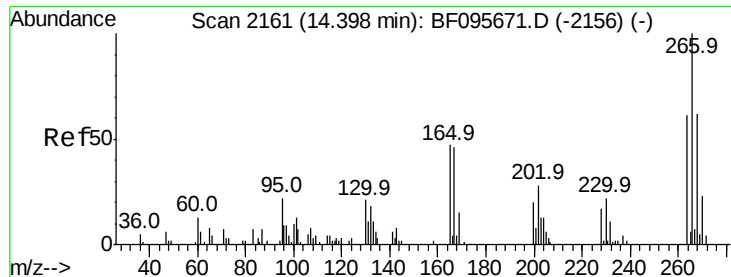


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

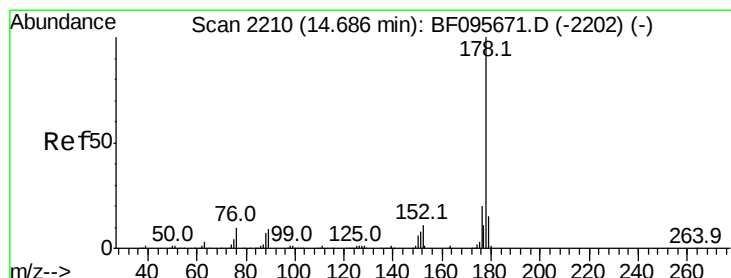
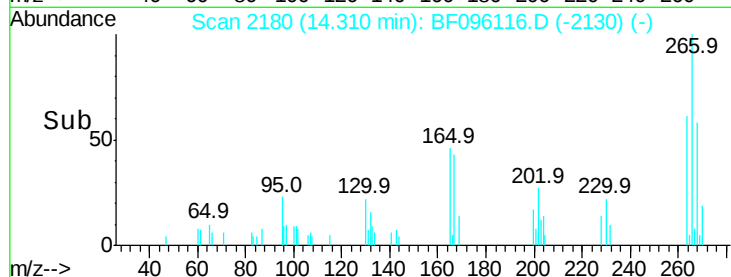
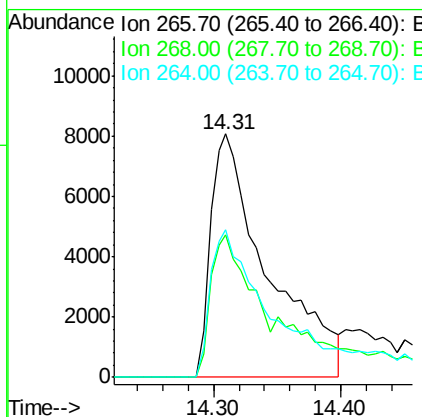
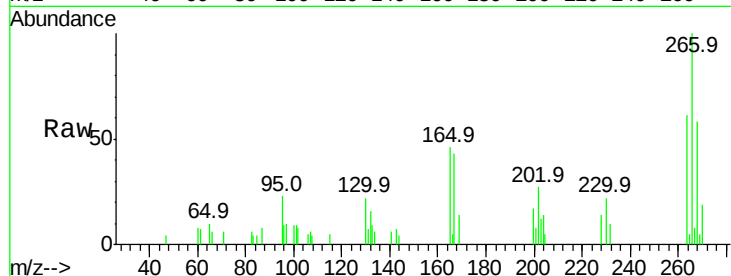




#69
 Pentachlorophenol
 Concen: 26.85 ng
 RT: 14.31 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

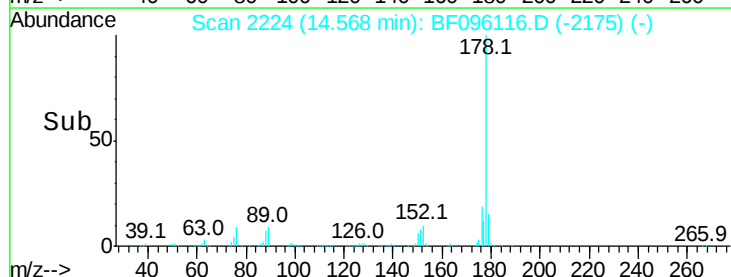
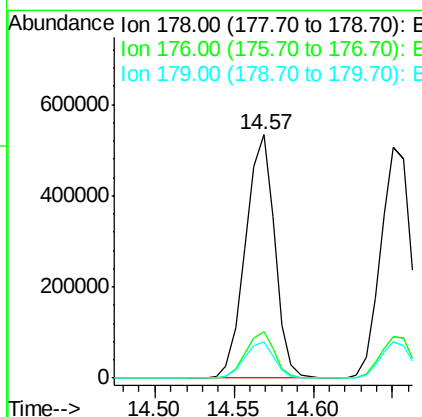
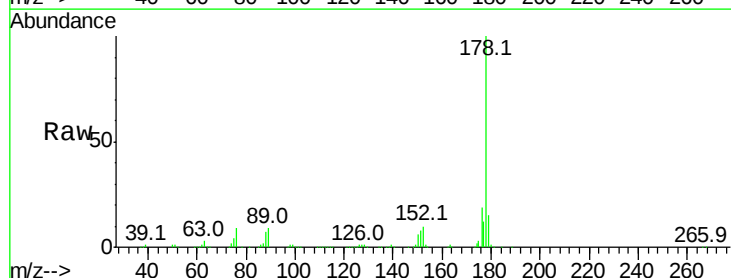
Instrument :
 BNA_F
 ClientSampled :

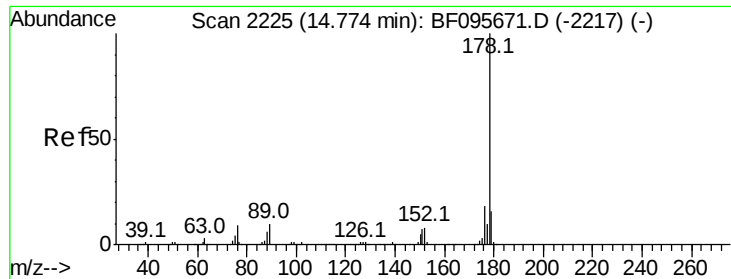
Tot Ion:266 Resp: 25171
 Ion Ratio Lower Upper
 266 100
 268 58.4 51.1 76.7
 264 60.6 51.7 77.5



#70
 Phenanthrene
 Concen: 40.35 ng
 RT: 14.57 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion:178 Resp: 683721
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.1 12.6 19.0

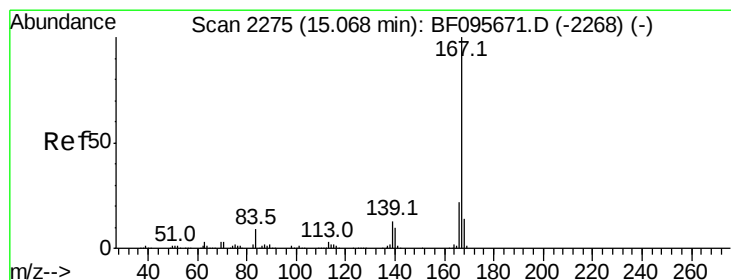
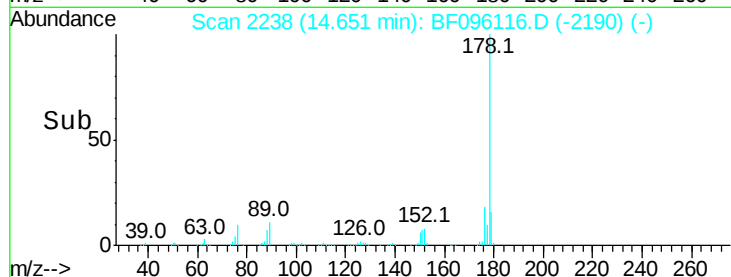
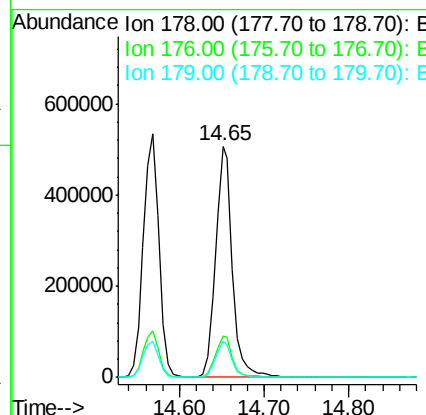
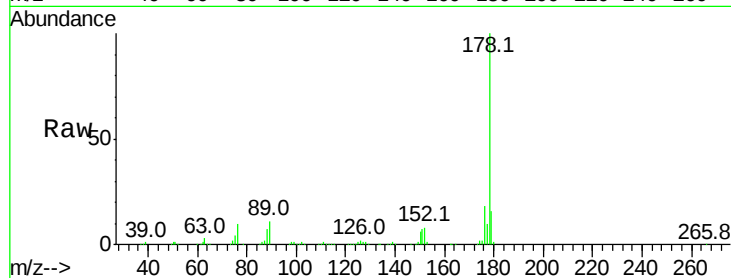




#71
 Anthracene
 Concen: 40.26 ng
 RT: 14.65 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

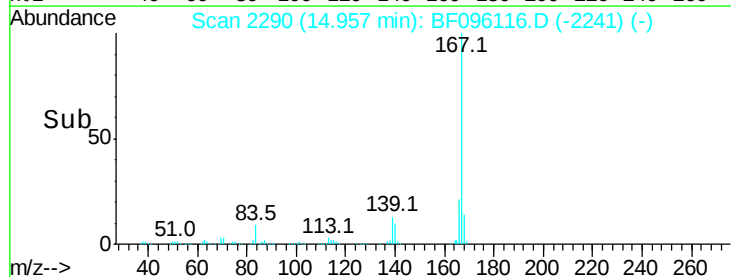
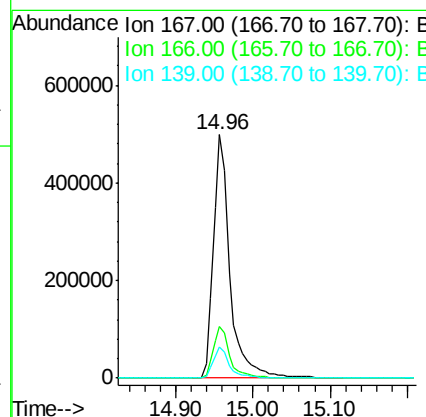
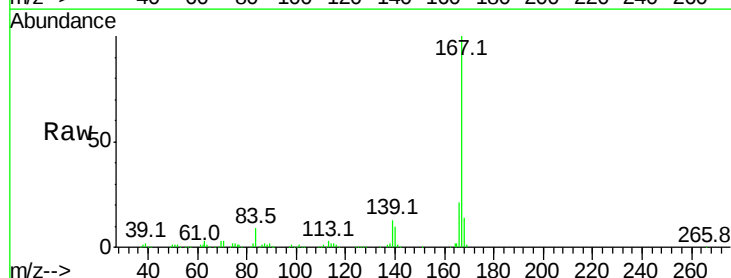
Instrument :
 BNA_F
 ClientSampleId :

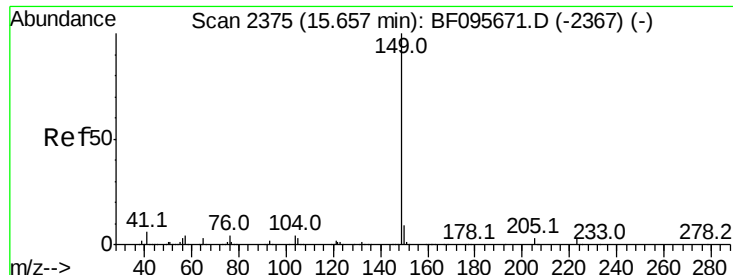
Tot Ion:178 Resp: 712272
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 42.63 ng
 RT: 14.96 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion:167 Resp: 734960
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.1 27.1
 139 12.8 11.7 17.5

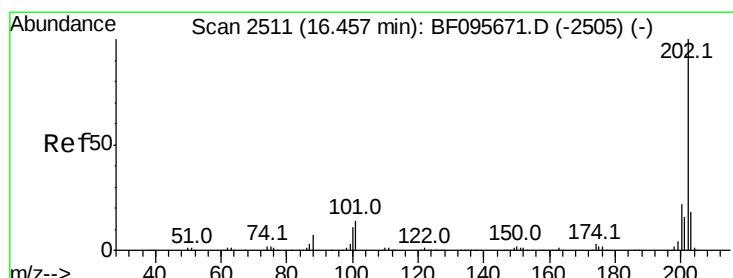
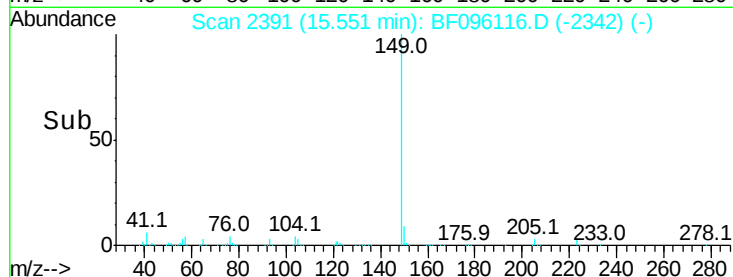
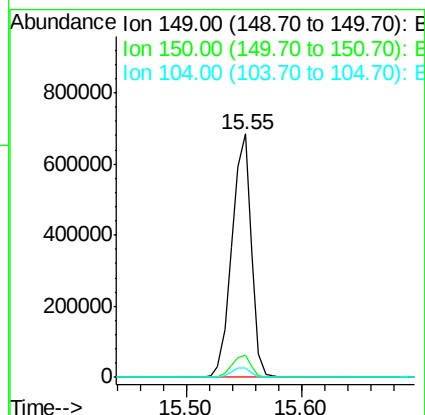
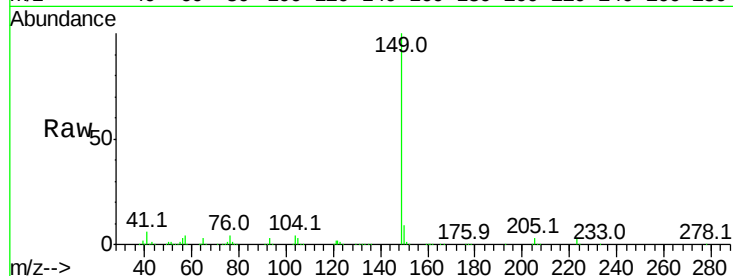




#73
Di-n-butylphthalate
Concen: 43.26 ng
RT: 15.55 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

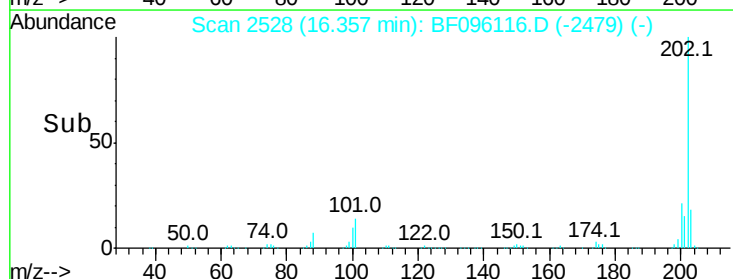
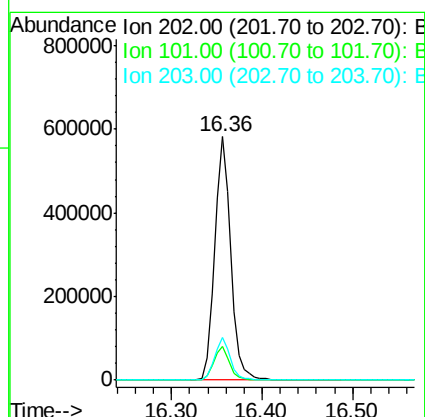
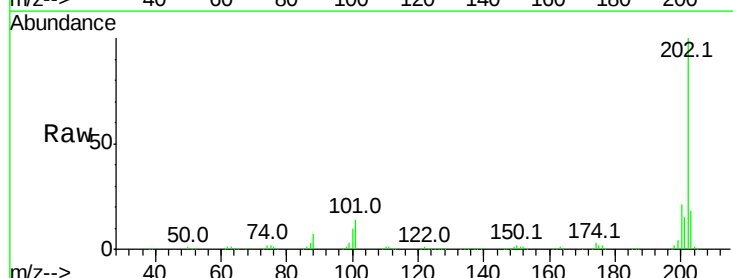
Instrument :
BNA_F
ClientSampleId :

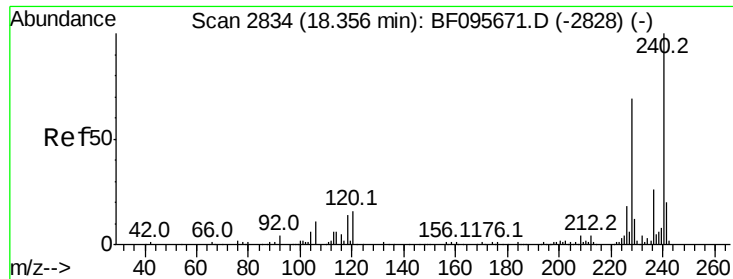
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0



#74
Fluoranthene
Concen: 42.63 ng
RT: 16.36 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.7	0.0	38.1

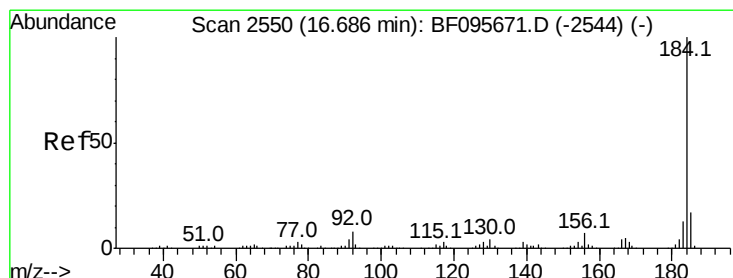
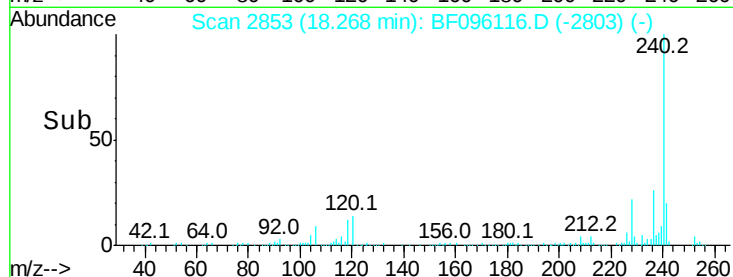
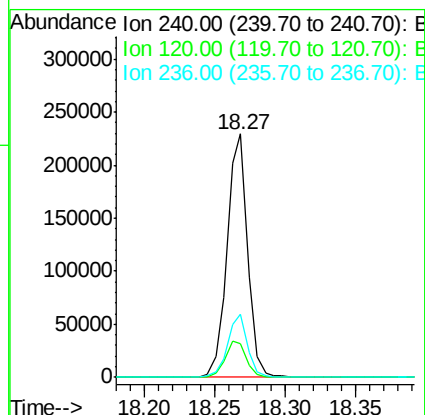
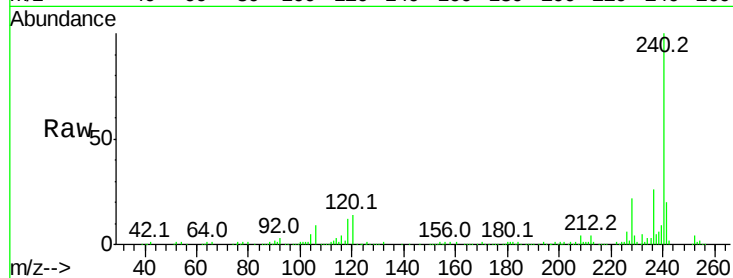




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

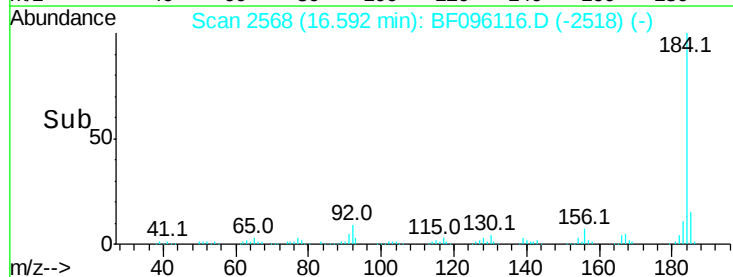
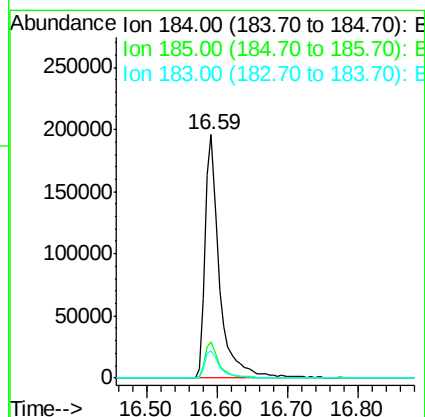
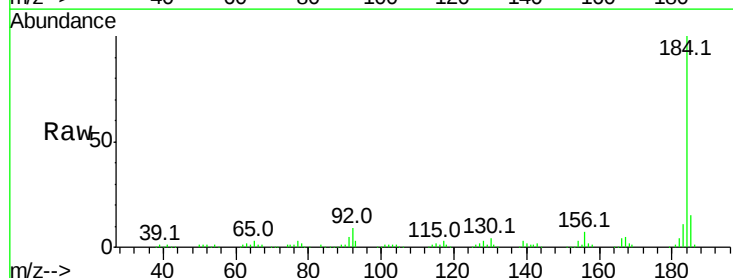
Instrument :
 BNA_F
 ClientSampleId :

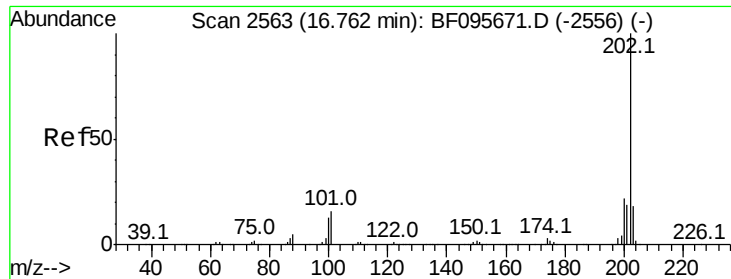
Tot Ion:240 Resp: 230919
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 25.8 20.5 30.7



#76
 Benzidine
 Concen: 31.51 ng
 RT: 16.59 min Scan# 2568
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion:184 Resp: 279419
 Ion Ratio Lower Upper
 184 100
 185 15.0 15.5 23.3#
 183 11.4 9.8 14.6

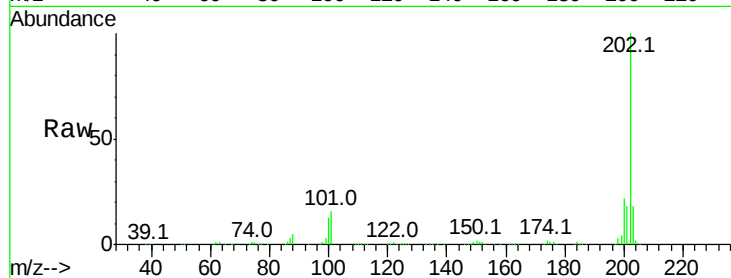




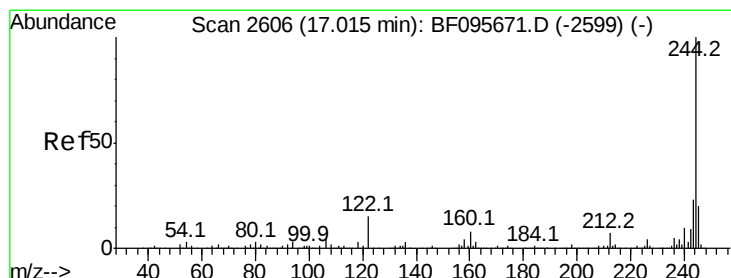
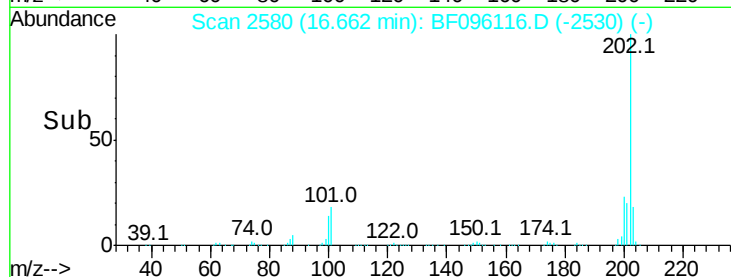
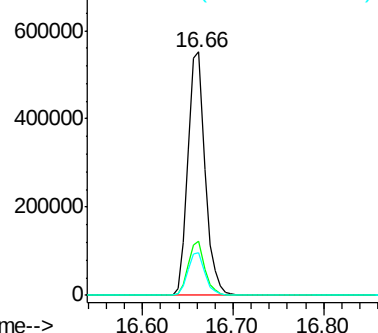
#77
Pvrene
Concen: 42.10 ng
RT: 16.66 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 725442
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 17.5 14.4 21.6

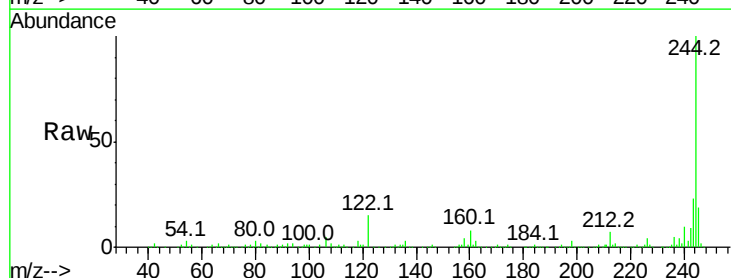


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

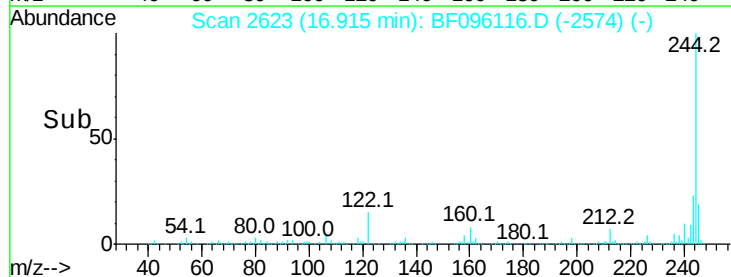
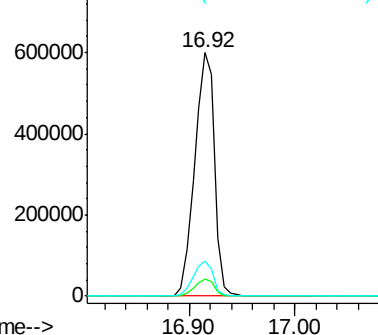


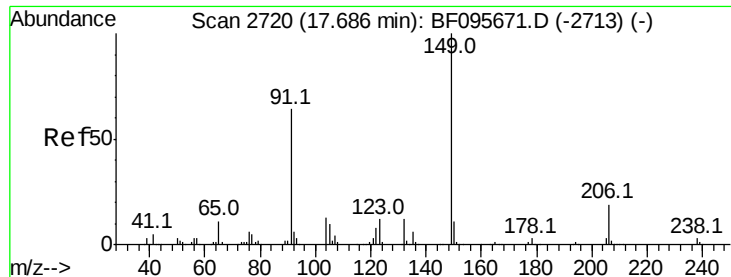
#78
Terphenyl-d14
Concen: 84.23 ng
RT: 16.92 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion:244 Resp: 783739
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.6 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

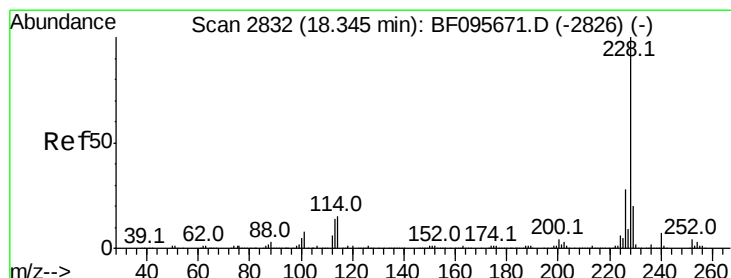
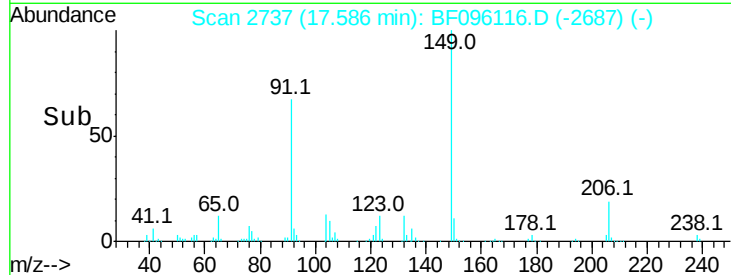
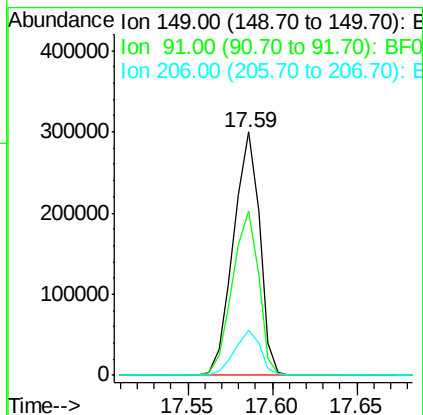
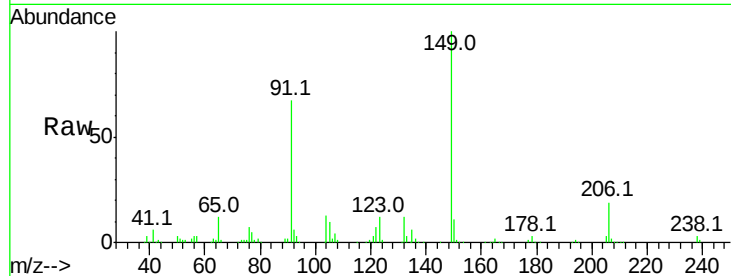




#79
Butylbenzylphthalate
Concen: 43.15 ng
RT: 17.59 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

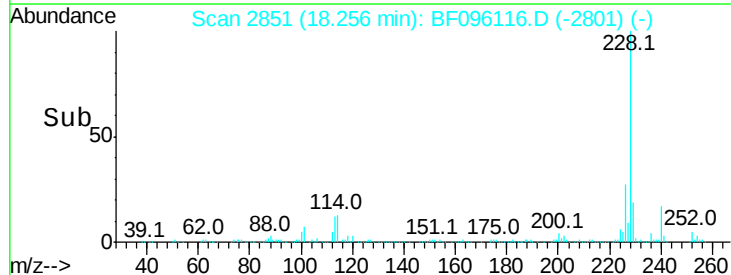
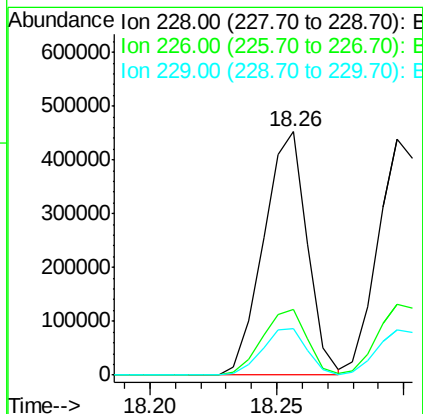
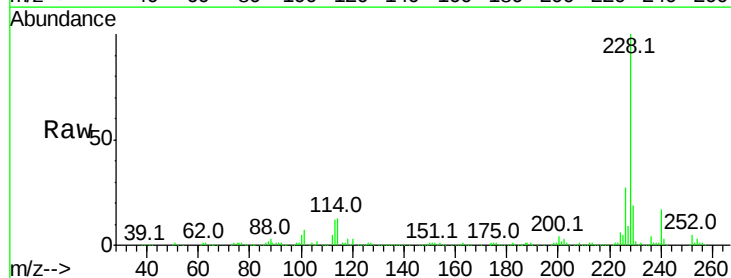
Instrument :
BNA_F
ClientSampleId :

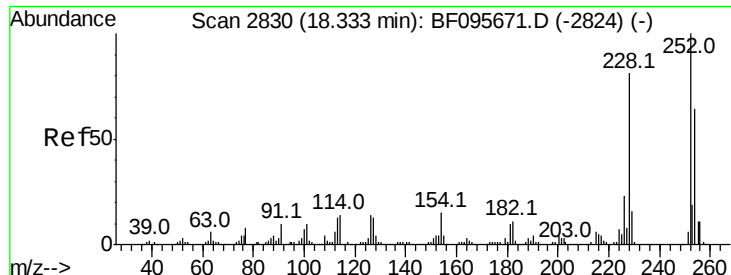
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	45.0	67.4
206	18.6	17.0	25.6



#80
Benzo(a)anthracene
Concen: 40.41 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.0	16.3	24.5

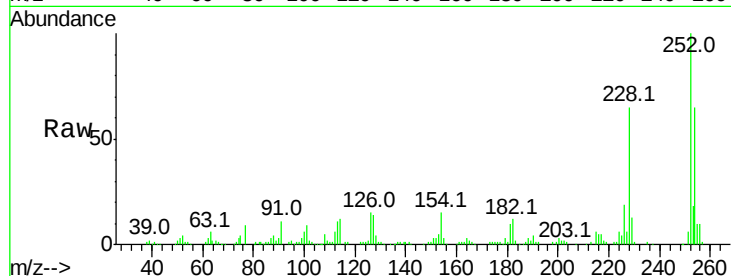




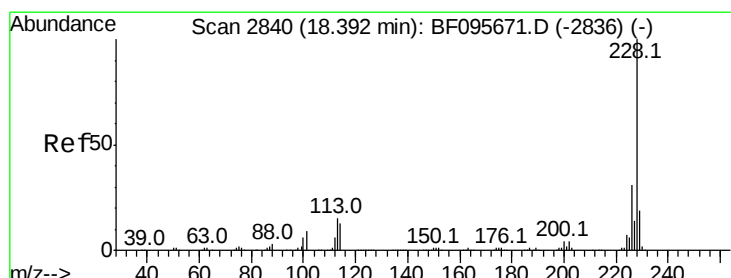
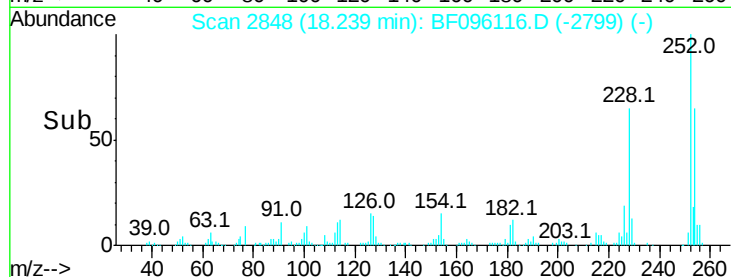
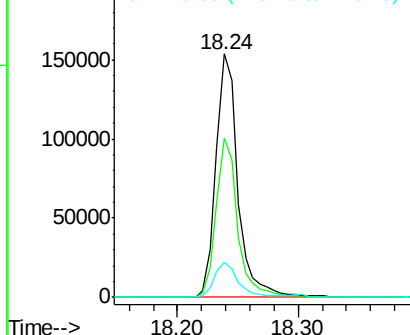
#81
 3,3'-Dichlorobenzidine
 Concen: 40.32 ng
 RT: 18.24 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.5	77.3
126	14.6	15.8	23.8

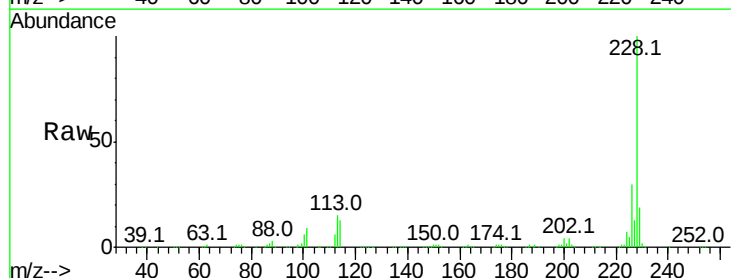


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

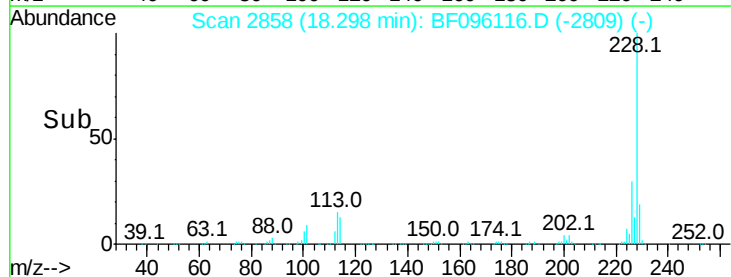
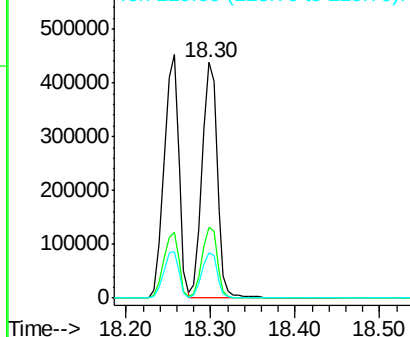


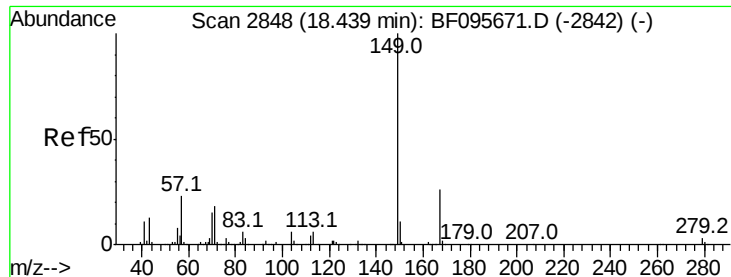
#82
 Chrysene
 Concen: 40.87 ng
 RT: 18.30 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BF096116.D
 Acq: 22 Jun 2017 11:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.4	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.35 ng

RT: 18.34 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

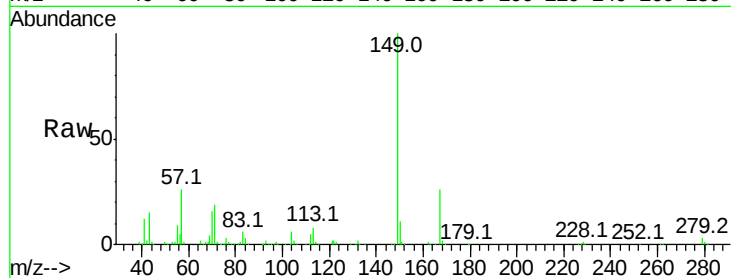
Tot Ion:149 Resp: 449526

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

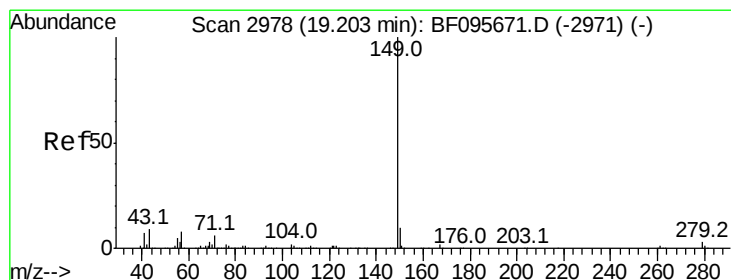
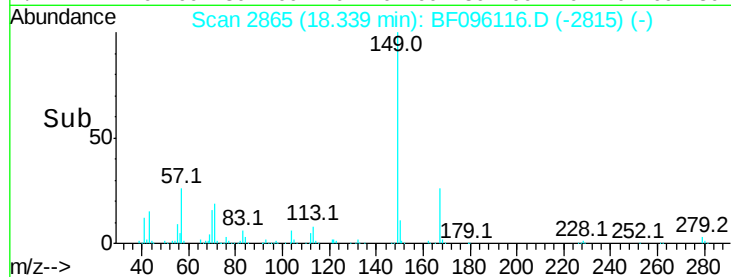
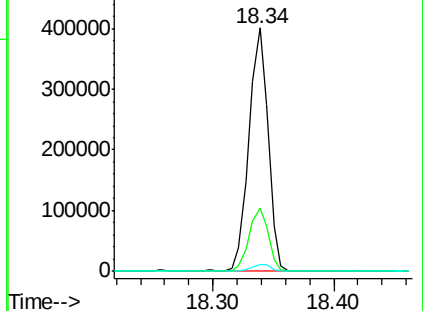
279 2.9 1.9 2.9#



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: 39.61 ng

RT: 19.11 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

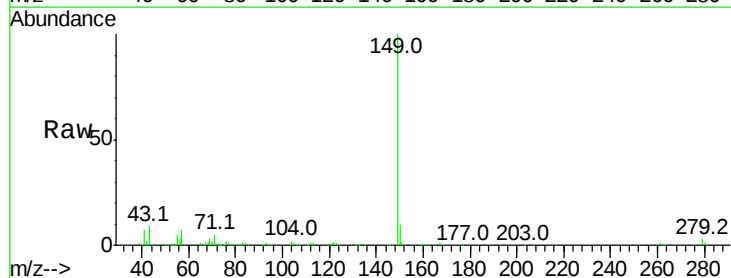
Tgt Ion:149 Resp: 692840

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

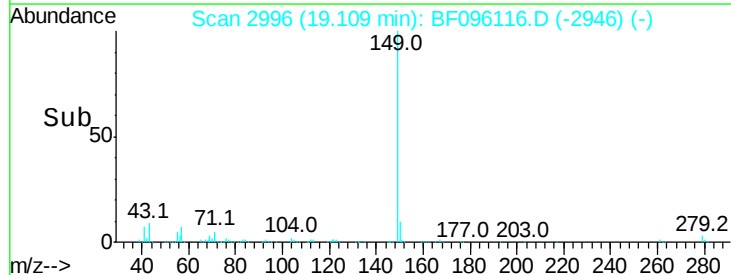
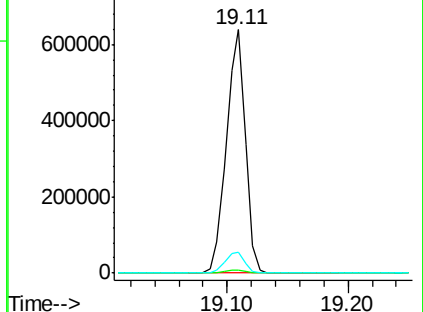
43 9.1 8.5 12.7

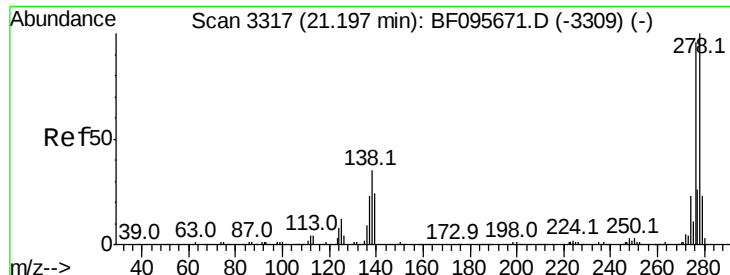


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

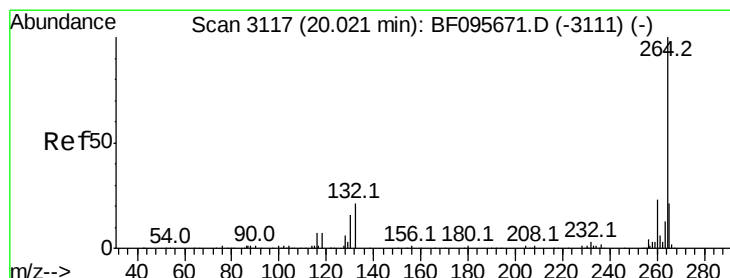
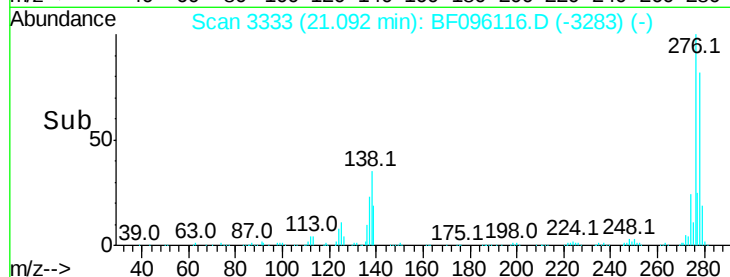
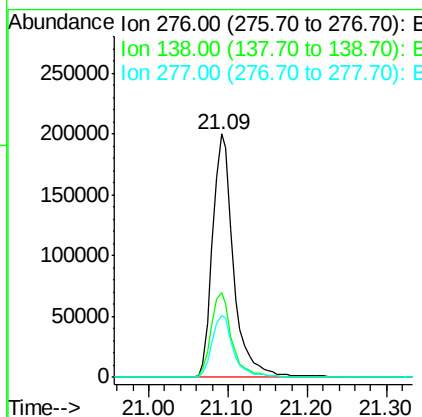
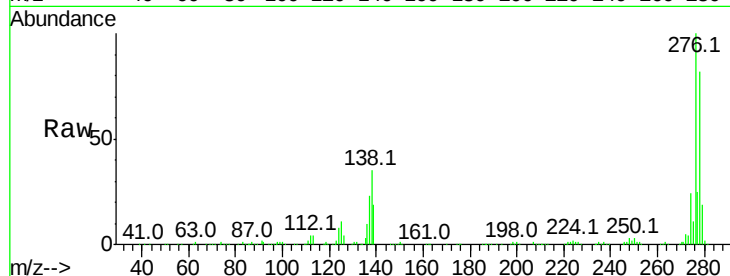




#85
Indeno(1,2,3-cd)pyrene
Concen: 31.92 ng
RT: 21.09 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

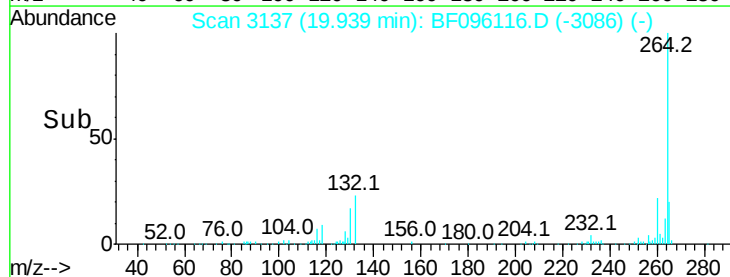
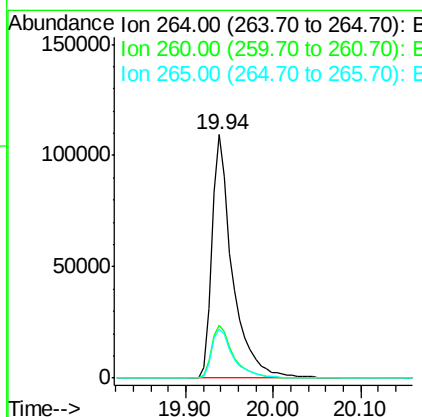
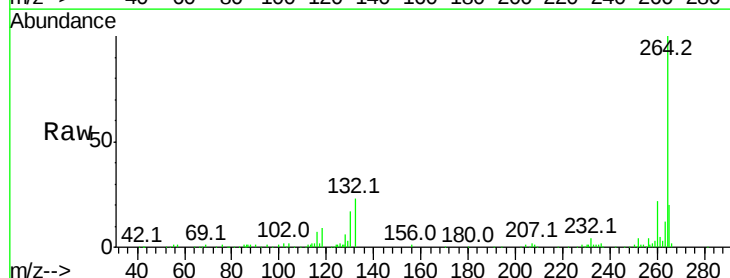
Instrument :
BNA_F
ClientSampleId :

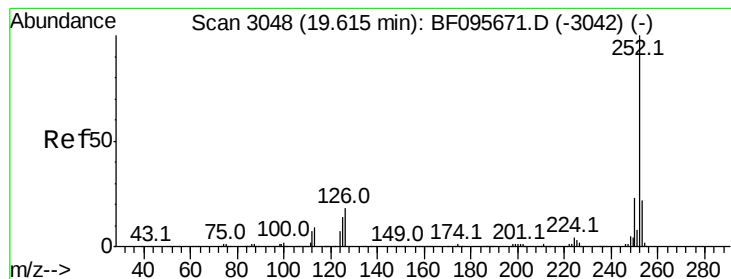
Tot Ion:276 Resp: 366389
Ion Ratio Lower Upper
276 100
138 34.9 27.8 41.6
277 25.8 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096116.D
Acq: 22 Jun 2017 11:55

Tgt Ion:264 Resp: 177963
Ion Ratio Lower Upper
264 100
260 21.9 19.5 29.3
265 20.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.67 ng

RT: 19.53 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

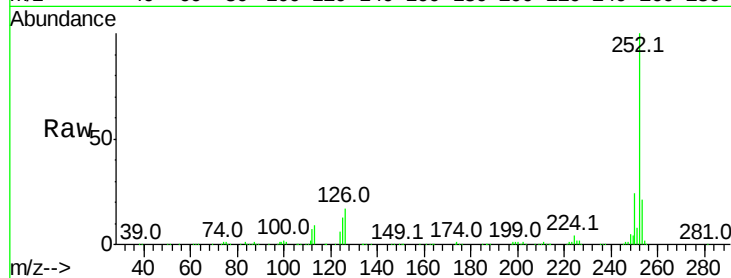
Tot Ion:252 Resp: 453210

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

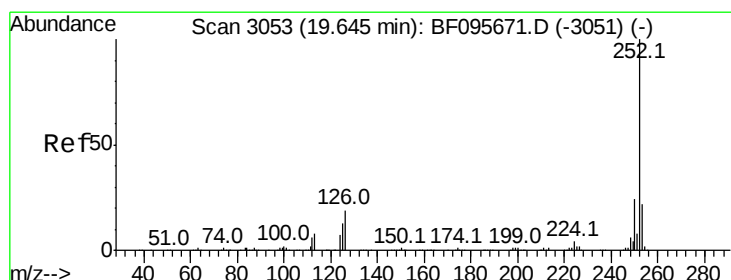
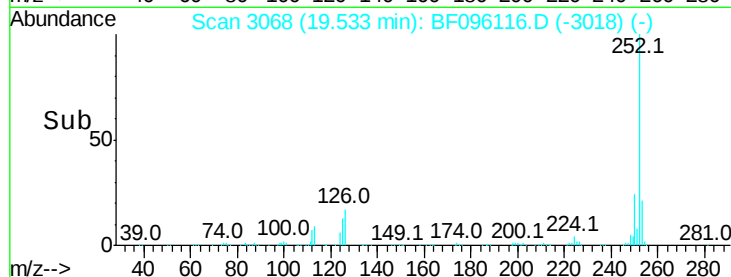
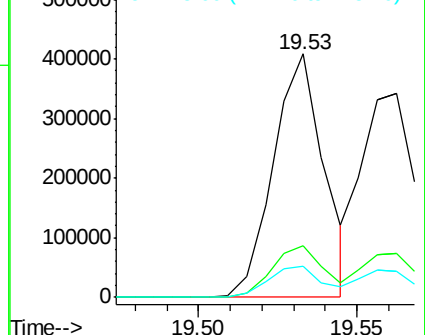
125 12.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.87 ng

RT: 19.56 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

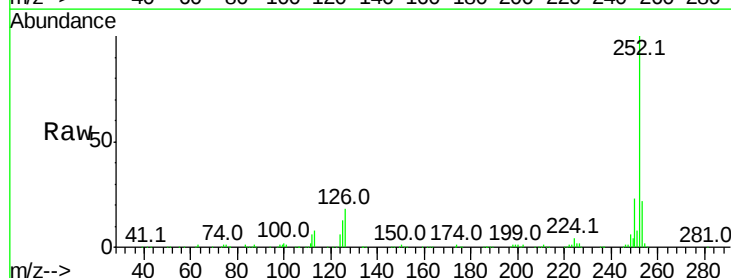
Tgt Ion:252 Resp: 456573

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

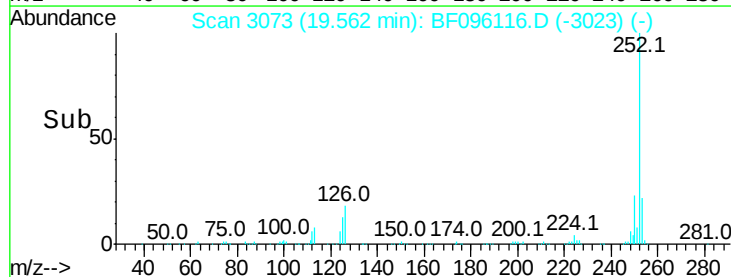
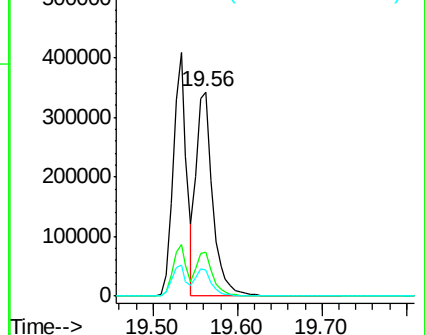
125 12.6 13.1 19.7#

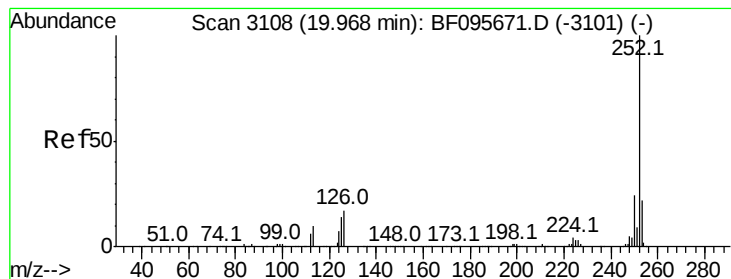


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.89 ng

RT: 19.88 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

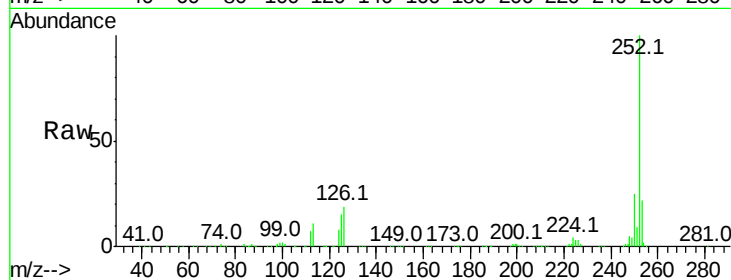
Tot Ion:252 Resp: 418809

Ion Ratio Lower Upper

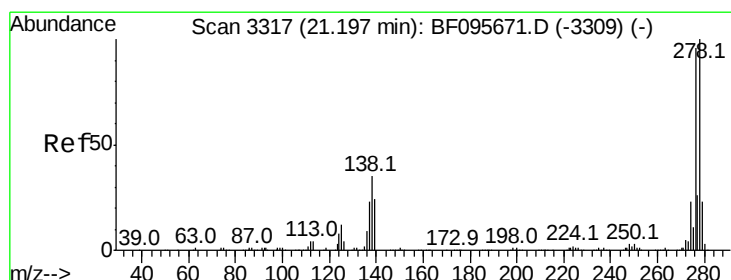
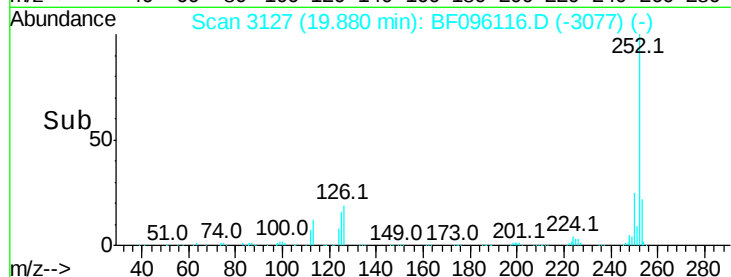
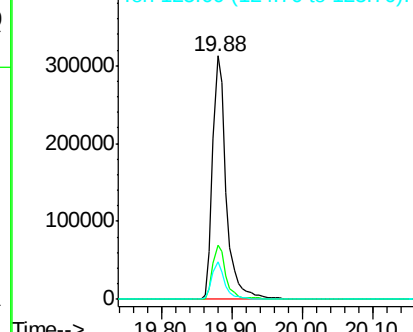
252 100

253 22.2 17.5 26.3

125 15.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.89 ng

RT: 21.09 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

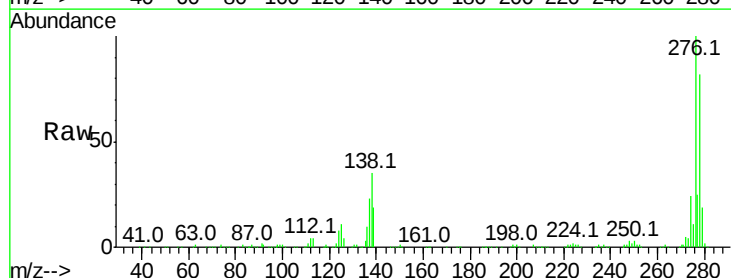
Tgt Ion:278 Resp: 311794

Ion Ratio Lower Upper

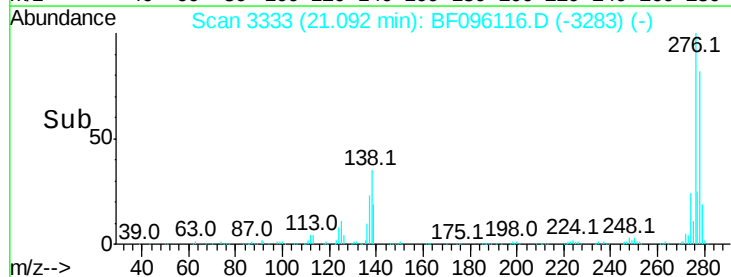
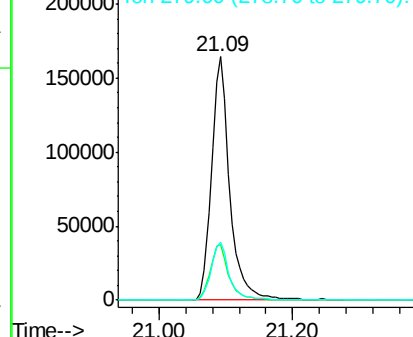
278 100

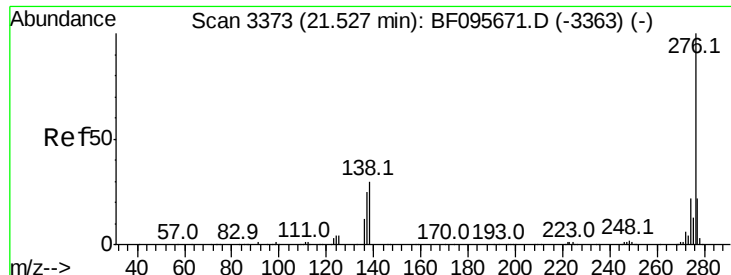
139 22.9 16.6 24.8

279 23.7 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.63 ng

RT: 21.42 min Scan# 3389

Delta R.T. 0.00 min

Lab File: BF096116.D

Acq: 22 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

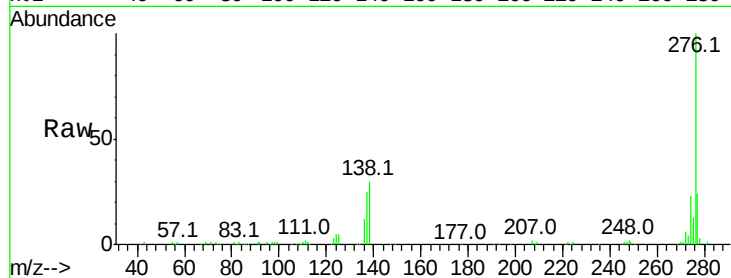
Tot Ion: 276 Resp: 315596

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 29.9 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

