

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096134.D
 Acq On : 22 Jun 2017 21:42
 Operator : SJ/MA
 Sample : I3657-15MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 01:19:39 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	85144	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	357951	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	147253	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	227964	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	162835	20.00	ng	0.00
86) Perylene-d12	19.94	264	144746	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	327722	61.33	ng	0.00
7) Phenol-d6	6.87	99	233786	36.55	ng	0.00
23) Nitrobenzene-d5	8.20	82	481275	83.50	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	150550	115.55	ng	-0.01
44) 2-Fluorobiphenyl	11.10	172	941685	88.99	ng	-0.01
78) Terphenyl-d14	16.92	244	649274	98.95	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.62	88	49173	19.34	ng	89
3) Pyridine	2.20	79	47007	7.87	ng	99
4) n-Nitrosodimethylamine	2.15	42	39323	17.31	ng	# 82
6) Aniline	6.78	93	145140	17.34	ng	96
8) 2-Chlorophenol	6.97	128	225920	39.76	ng	97
9) Benzaldehyde	6.60	77	68743	15.93	ng	91
10) Phenol	6.92	94	107770	16.24	ng	# 1
11) bis(2-Chloroethyl)ether	6.92	93	258938	49.26	ng	97
12) 1,3-Dichlorobenzene	7.17	146	260081	40.44	ng	98
13) 1,4-Dichlorobenzene	7.30	146	269724	41.36	ng	98
14) 1,2-Dichlorobenzene	7.53	146	260155	43.27	ng	97
15) Benzyl Alcohol	7.59	79	137406	31.30	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.78	45	324796	43.98	ng	98
17) 2-Methylphenol	7.84	107	138111	28.97	ng	96
18) Hexachloroethane	8.05	117	73281	34.02	ng	# 84
19) n-Nitroso-di-n-propylamine	8.02	70	182051	44.91	ng	94
20) 3+4-Methylphenols	8.11	107	149344	24.68	ng	# 56
22) Acetophenone	7.97	105	355098	42.38	ng	# 84
24) Nitrobenzene	8.23	77	258318	41.96	ng	94
25) Isophorone	8.63	82	467889	43.48	ng	95
26) 2-Nitrophenol	8.75	139	133459	41.40	ng	98
27) 2,4-Dimethylphenol	8.90	122	212854	42.54	ng	99
28) bis(2-Chloroethoxy)methane	9.02	93	326912	46.08	ng	99
29) 2,4-Dichlorophenol	9.20	162	203986	42.33	ng	98
30) 1,2,4-Trichlorobenzene	9.25	180	202341	40.36	ng	99
31) Naphthalene	9.35	128	777753	43.29	ng	99
32) Benzoic acid	9.23	122	23282	11.77	ng	91
33) 4-Chloroaniline	9.52	127	170628	24.30	ng	# 93
34) Hexachlorobutadiene	9.56	225	99123	38.26	ng	98
35) Caprolactam	10.15	113	8453	5.90	ng	# 84
36) 4-Chloro-3-methylphenol	10.39	107	196716	39.00	ng	90
37) 2-Methylnaphthalene	10.47	142	523177	43.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	201337	45.69	ng	99
40) Hexachlorocyclopentadiene	10.72	237	9722	17.29	ng	86

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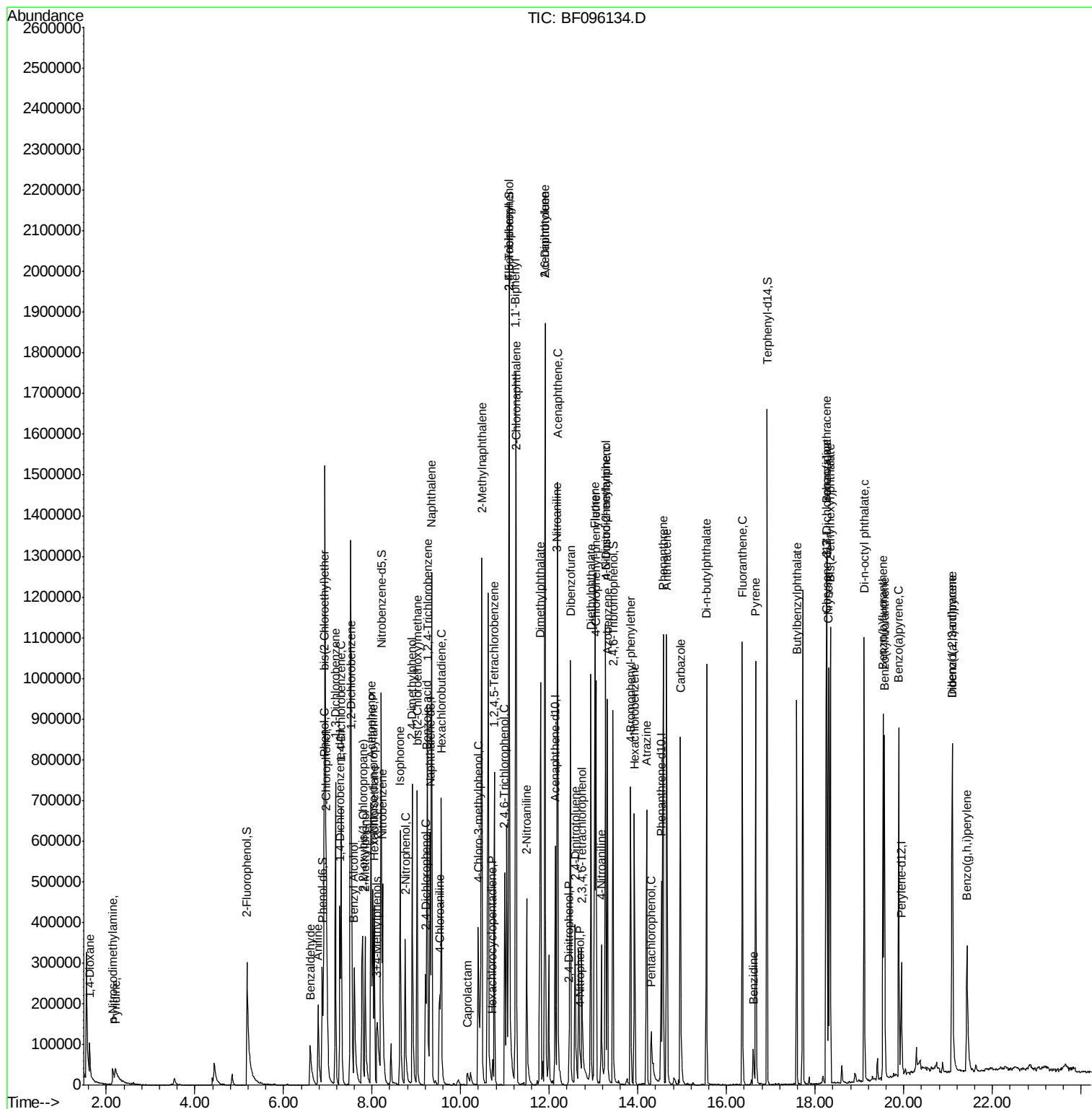
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	124218	43.84	nq	100
43) 2,4,5-Trichlorophenol	11.10	196	121980	40.47	nq	94
45) 1,1'-Biphenyl	11.24	154	571932	47.12	nq	97
46) 2-Chloronaphthalene	11.26	162	428661	45.20	nq	95
47) 2-Nitroaniline	11.49	65	128830	46.43	nq	# 85
48) Acenaphthylene	11.90	152	667399	41.16	nq	99
49) Dimethylphthalate	11.80	163	548351	49.05	nq	98
50) 2,6-Dinitrotoluene	11.90	165	104458	42.83	nq	# 63
51) Acenaphthene	12.19	154	409639	43.74	nq	99
52) 3-Nitroaniline	12.17	138	99087	34.87	nq	86
53) 2,4-Dinitrophenol	12.44	184	12406	14.73	nq	# 71
54) Dibenzofuran	12.47	168	563961	42.79	nq	99
55) 4-Nitrophenol	12.70	139	25191	18.93	nq	# 66
56) 2,4-Dinitrotoluene	12.58	165	135705	41.20	nq	90
57) Fluorene	13.03	166	487795	42.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.74	232	64142	31.10	nq	96
59) Diethylphthalate	12.94	149	525108	48.80	nq	99
60) 4-Chlorophenyl-phenylether	13.06	204	224866	45.08	nq	92
61) 4-Nitroaniline	13.17	138	108180	40.78	nq	97
62) Azobenzene	13.32	77	466950	47.88	nq	95
64) 4,6-Dinitro-2-methylphenol	13.27	198	17335	11.57	nq	# 1
65) n-Nitrosodiphenylamine	13.27	169	389014	47.49	nq	98
66) 4-Bromophenyl-phenylether	13.84	248	121529	51.30	nq	96
67) Hexachlorobenzene	13.93	284	116300	49.82	nq	# 93
68) Atrazine	14.20	200	108829	47.74	nq	98
69) Pentachlorophenol	14.30	266	43086	51.26	nq	94
70) Phenanthrene	14.57	178	617778	46.97	nq	97
71) Anthracene	14.65	178	649233	47.28	nq	99
72) Carbazole	14.96	167	577068	43.12	nq	98
73) Di-n-butylphthalate	15.55	149	771182	54.17	nq	98
74) Fluoranthene	16.36	202	569874	43.77	nq	99
76) Benzidine	16.60	184	63604	10.17	nq	# 94
77) Pyrene	16.66	202	554510	45.64	nq	99
79) Butylbenzylphthalate	17.59	149	268079	50.52	nq	# 83
80) Benzo(a)anthracene	18.26	228	450203	47.55	nq	99
81) 3,3'-Dichlorobenzidine	18.24	252	137598	40.88	nq	# 97
82) Chrysene	18.30	228	457242	48.33	nq	100
83) Bis(2-ethylhexyl)phthalate	18.34	149	385839	51.55	nq	99
84) Di-n-octyl phthalate	19.11	149	624113	50.60	nq	99
85) Indeno(1,2,3-cd)pyrene	21.10	276	325629	40.23	nq	99
87) Benzo(b)fluoranthene	19.53	252	366974	40.49	nq	97
88) Benzo(k)fluoranthene	19.56	252	406623	46.94	nq	95
89) Benzo(a)pyrene	19.89	252	389547	46.76	nq	97
90) Dibenzo(a,h)anthracene	21.10	278	279050	39.49	nq	97
91) Benzo(g,h,i)perylene	21.43	276	268514	37.27	nq	98

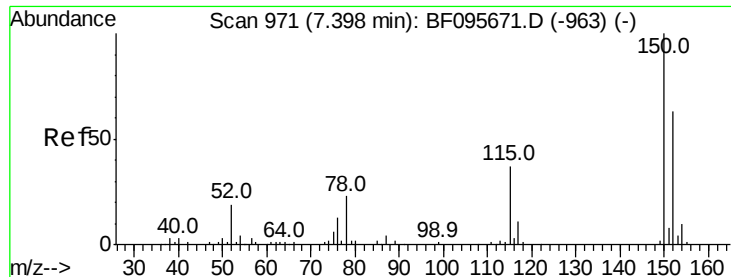
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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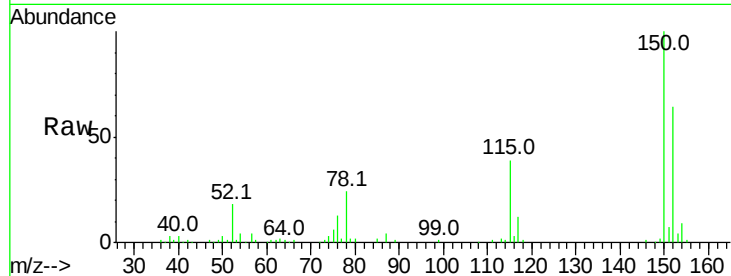


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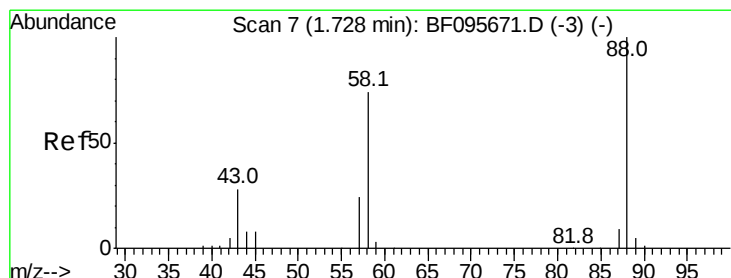
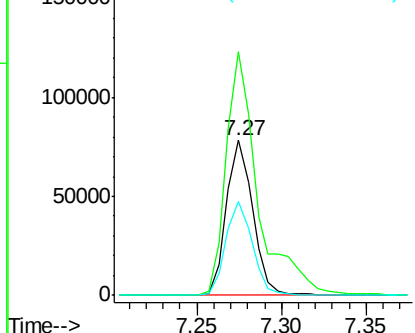
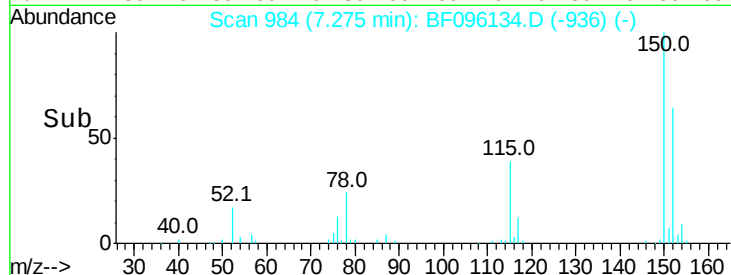
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85144
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 61.0 52.2 78.2



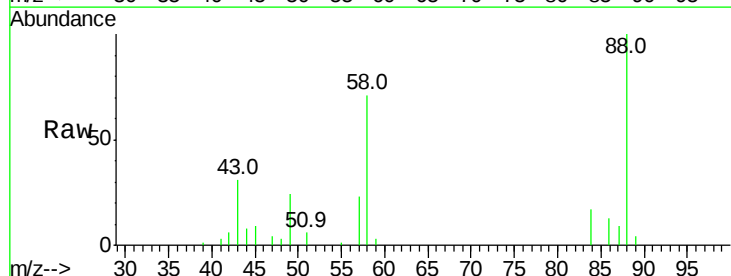
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



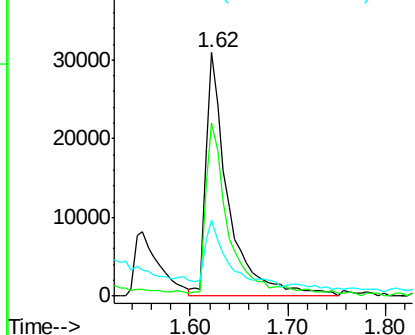
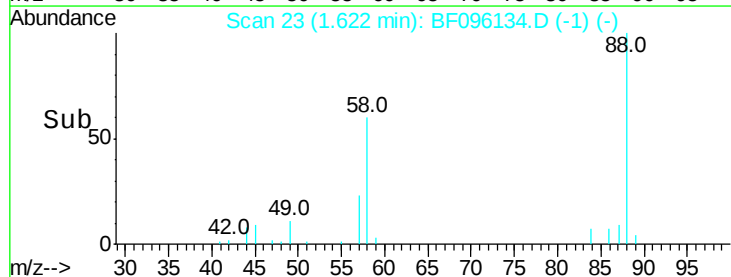
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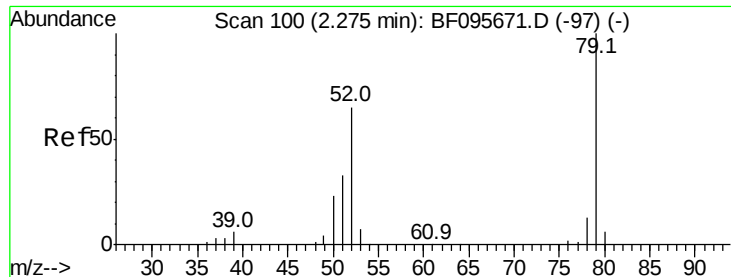
1,4-Dioxane
Concen: 19.34 ng
RT: 1.62 min Scan# 23
Delta R.T. 0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion: 88 Resp: 49173
Ion Ratio Lower Upper
88 100
58 65.9 61.4 92.0
43 26.1 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

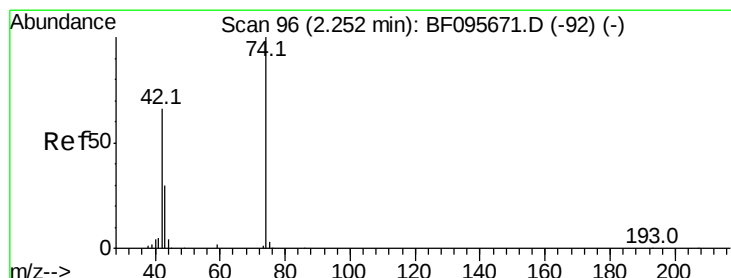
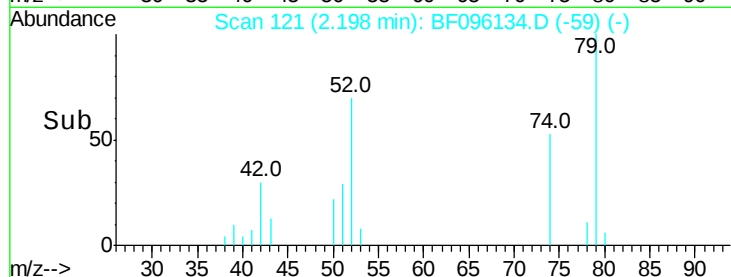
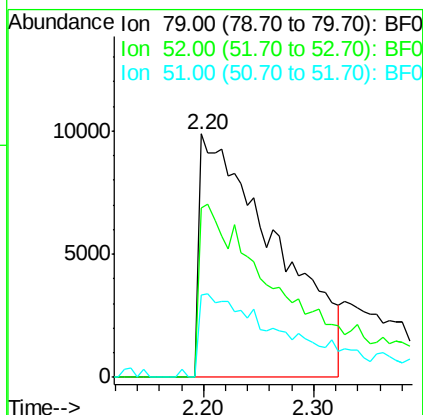
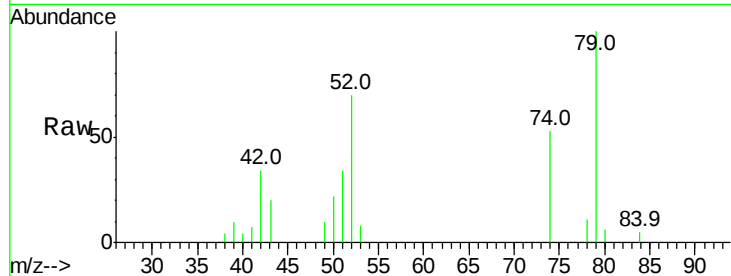




#3
 Pvridine
 Concen: 7.87 ng
 RT: 2.20 min Scan# 121
 Delta R.T. 0.06 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

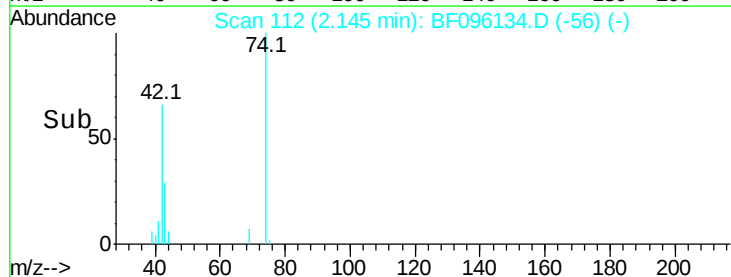
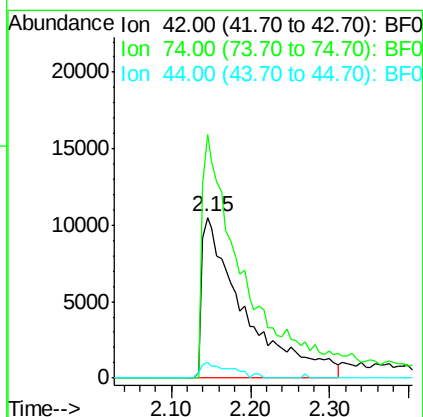
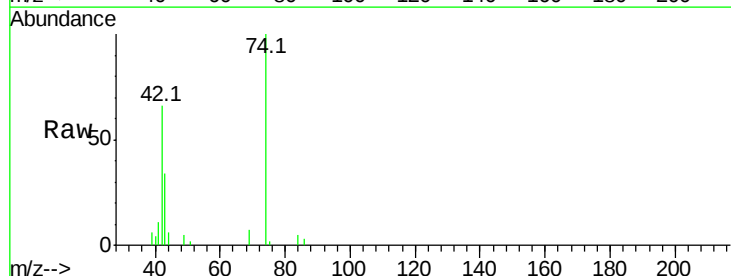
Instrument :
 BNA_F
 ClientSampleId :

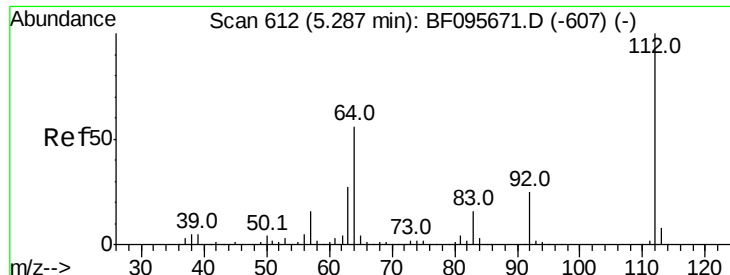
Tot Ion: 79 Resp: 47007
 Ion Ratio Lower Upper
 79 100
 52 69.6 54.8 82.2
 51 34.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 17.31 ng
 RT: 2.15 min Scan# 112
 Delta R.T. 0.03 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion: 42 Resp: 39323
 Ion Ratio Lower Upper
 42 100
 74 151.6 103.9 155.9
 44 9.8 5.7 8.5#





#5

2-Fluorophenol

Concen: 61.33 ng

RT: 5.17 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

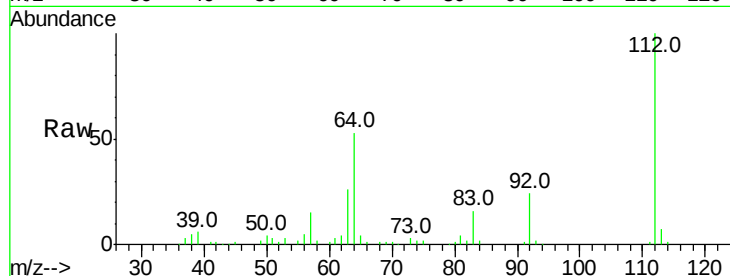
Tot Ion:112 Resp: 327722

Ion Ratio Lower Upper

112 100

64 53.1 46.0 69.0

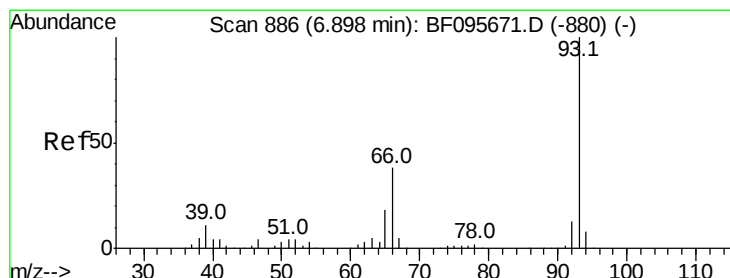
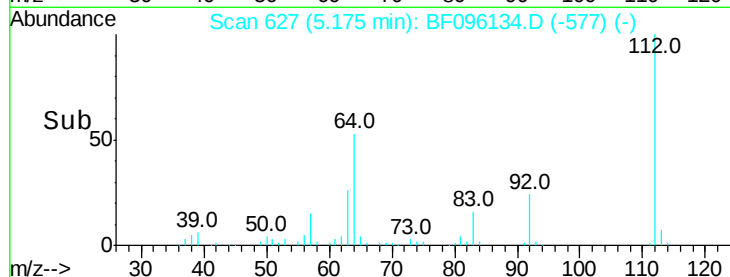
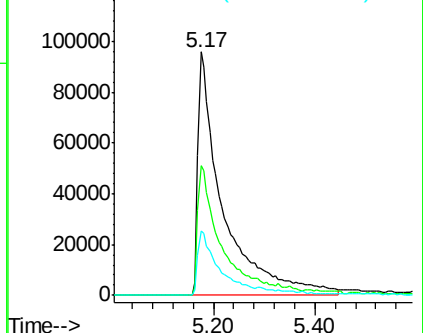
63 26.4 23.4 35.0



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: 17.34 ng

RT: 6.78 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

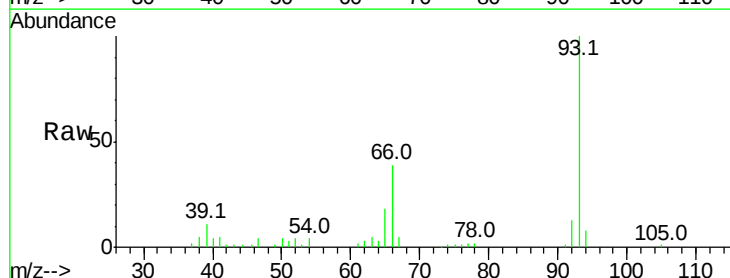
Tgt Ion: 93 Resp: 145140

Ion Ratio Lower Upper

93 100

66 38.7 32.9 49.3

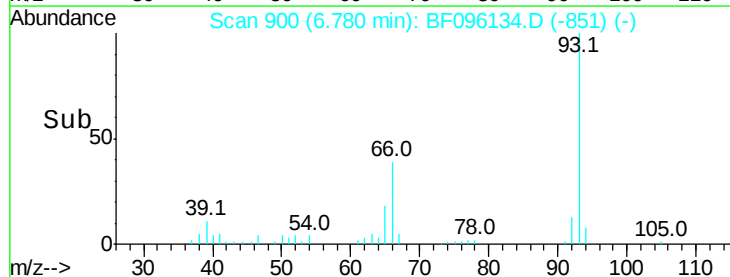
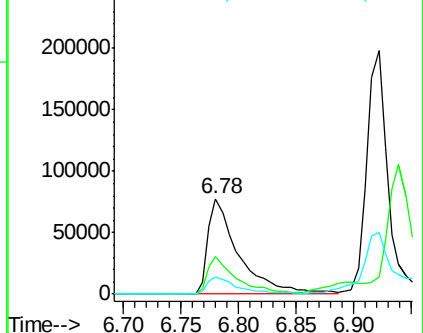
65 17.8 16.0 24.0



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: 36.55 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

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ClientSampleId :

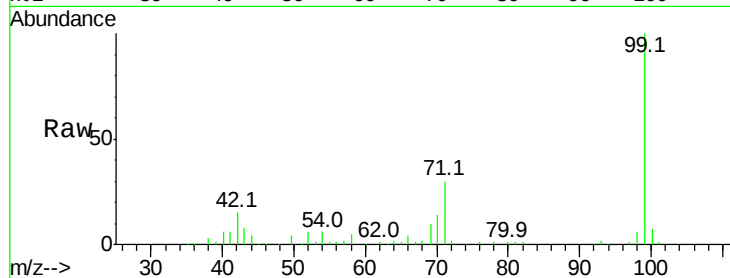
Tot Ion: 99 Resp: 233786

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

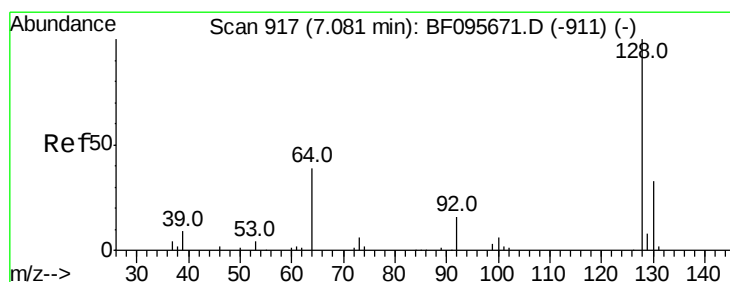
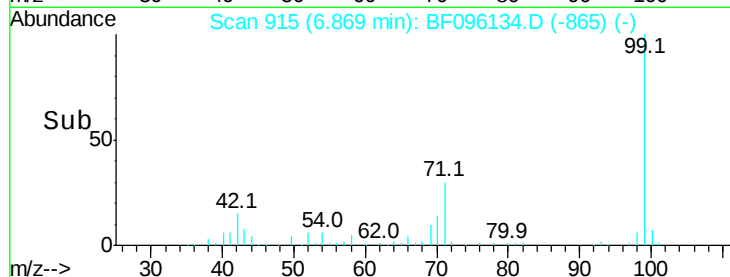
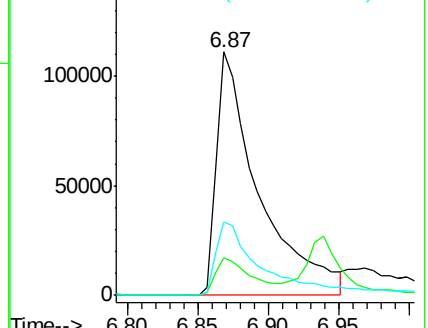
71 30.3 24.5 36.7



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: 39.76 ng

RT: 6.97 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

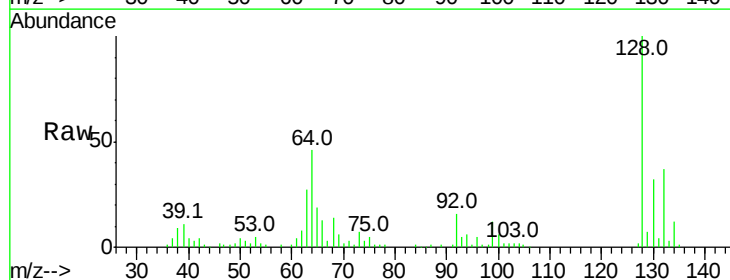
Tgt Ion: 128 Resp: 225920

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

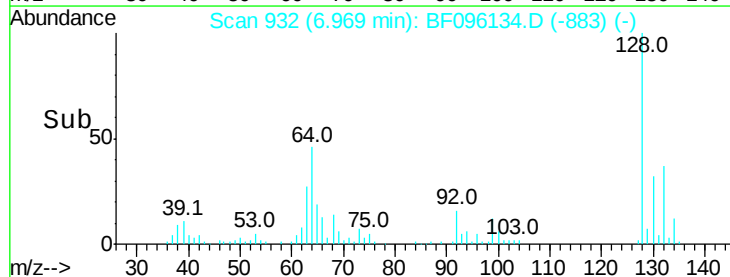
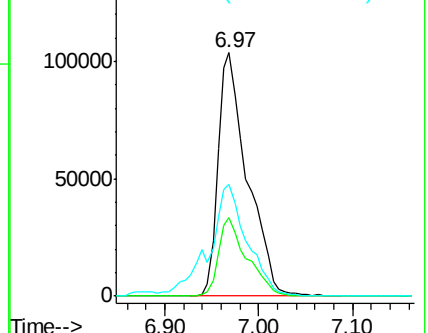
64 45.8 28.4 68.4

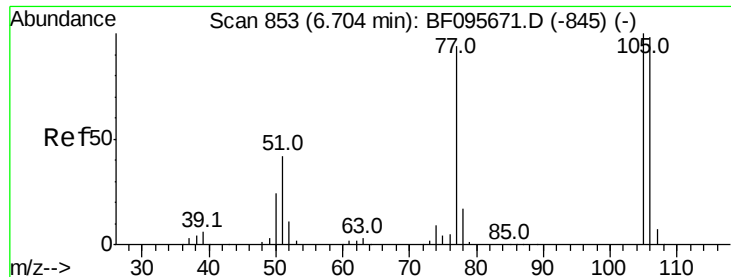


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.93 ng

RT: 6.60 min Scan# 869

Delta R.T. -0.00 min

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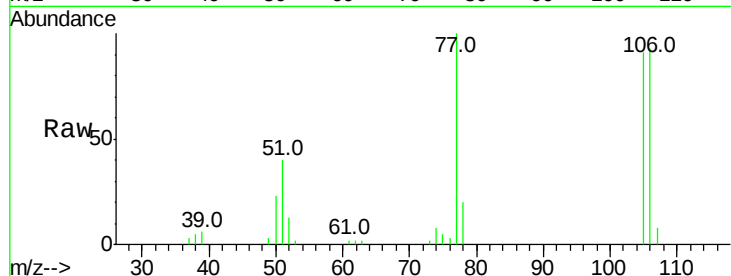
Tot Ion: 77 Resp: 68743

Ion Ratio Lower Upper

77 100

105 91.1 83.8 123.8

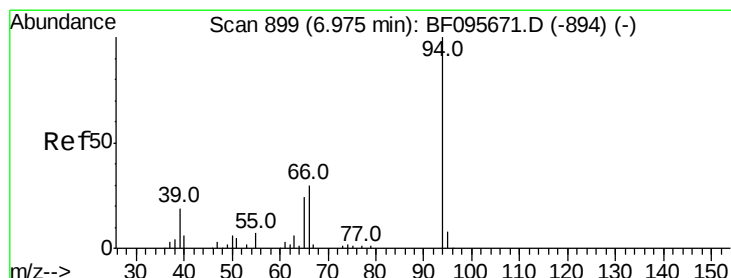
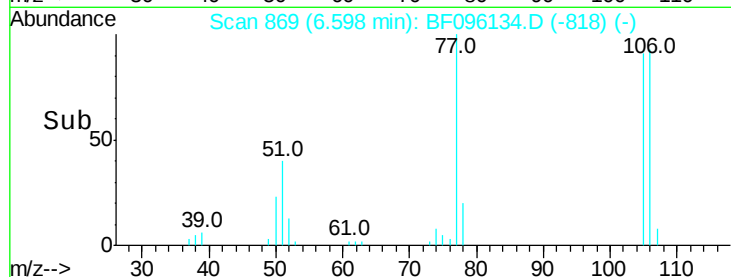
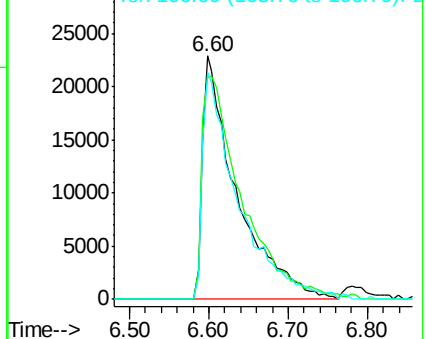
106 93.2 79.1 119.1



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: 16.24 ng

RT: 6.92 min Scan# 923

Delta R.T. 0.02 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

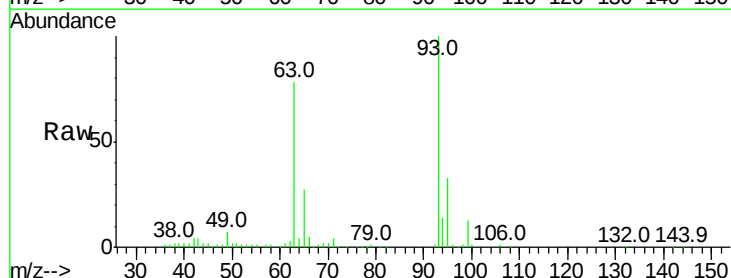
Tgt Ion: 94 Resp: 107770

Ion Ratio Lower Upper

94 100

65 192.4 9.9 49.9#

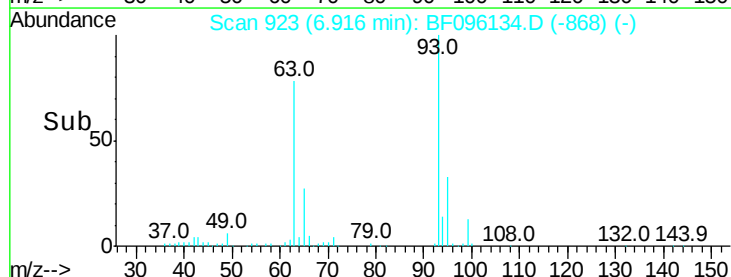
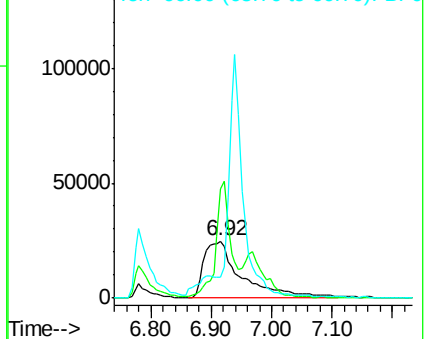
66 37.6 23.1 63.1

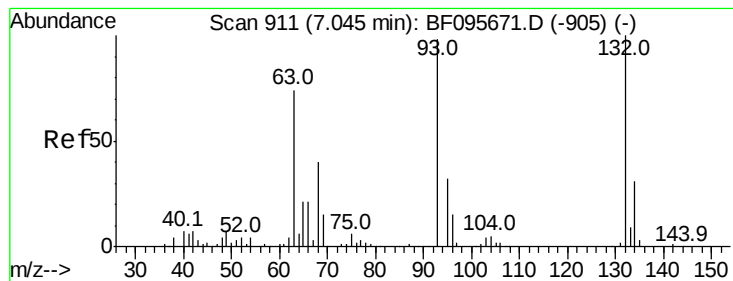


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

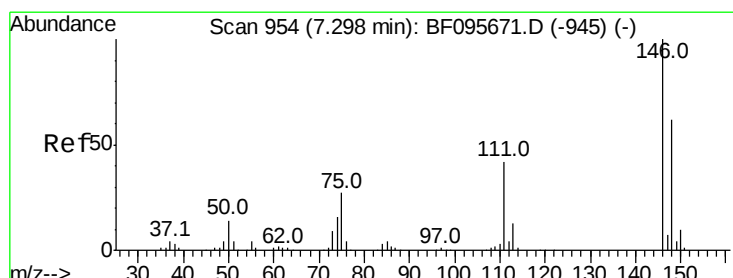
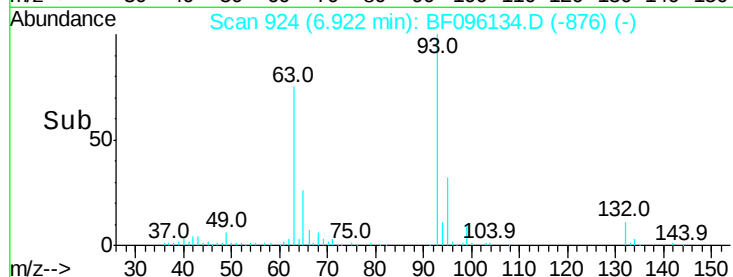
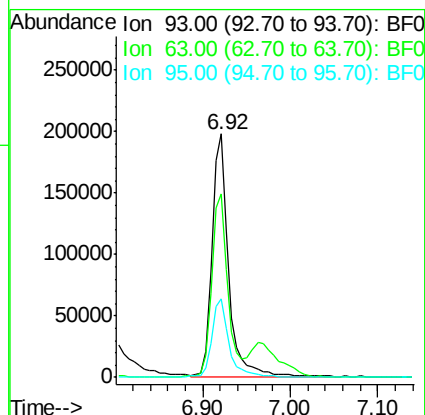
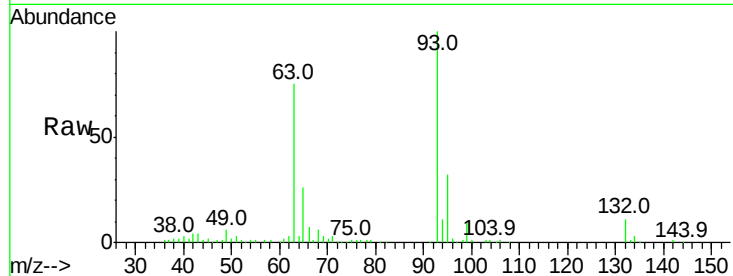




#11
 bis(2-Chloroethyl)ether
 Concen: 49.26 ng
 RT: 6.92 min Scan# 924
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

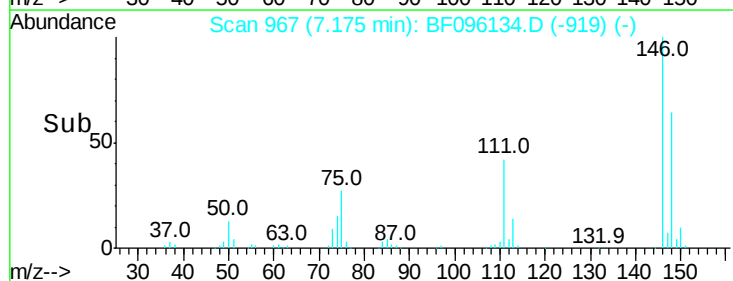
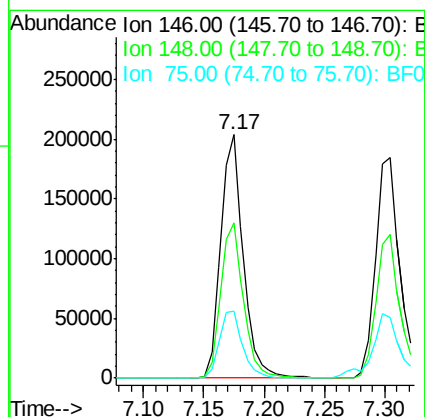
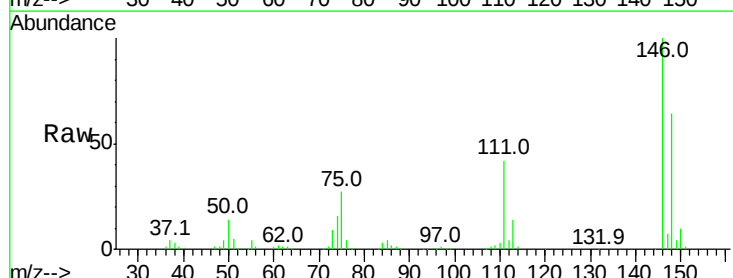
Instrument :
 BNA_F
 ClientSampled :

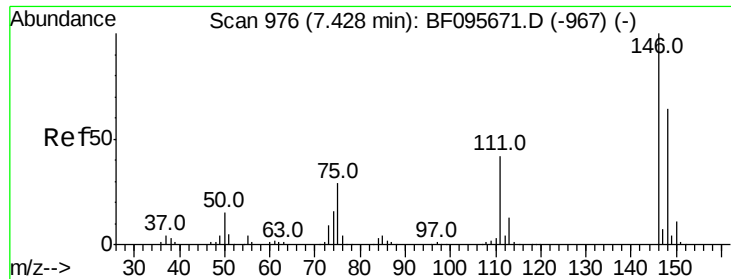
Tot Ion: 93 Resp: 258938
 Ion Ratio Lower Upper
 93 100
 63 75.3 59.2 99.2
 95 32.4 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.44 ng
 RT: 7.17 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion: 146 Resp: 260081
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 75 27.4 23.1 34.7

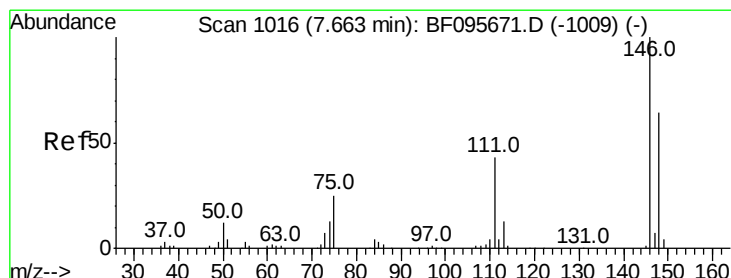
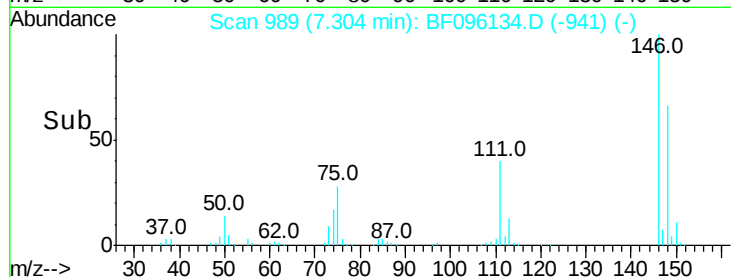
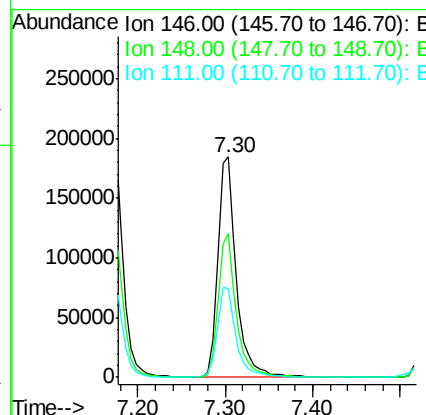
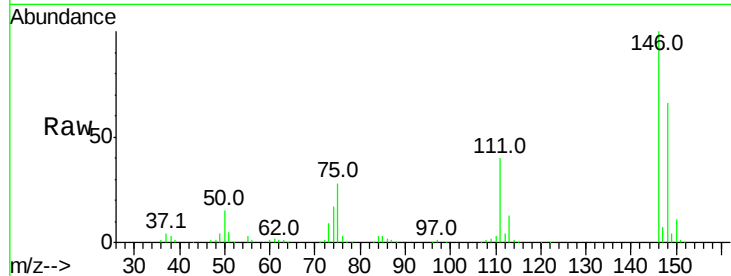




#13
 1,4-Dichlorobenzene
 Concen: 41.36 ng
 RT: 7.30 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

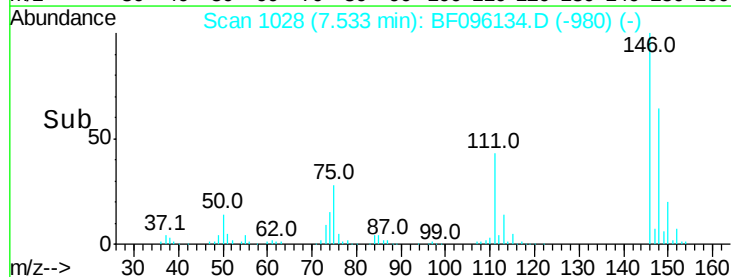
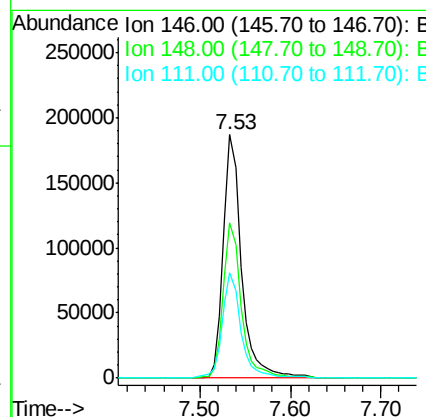
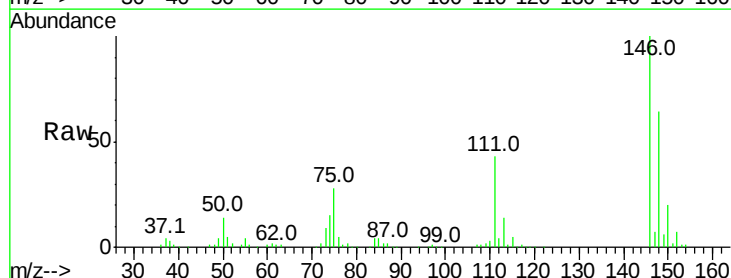
Instrument :
 BNA_F
 ClientSampled :

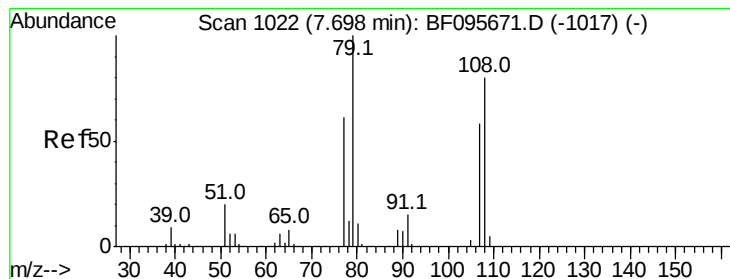
Tot Ion:146 Resp: 269724
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 40.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 43.27 ng
 RT: 7.53 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion:146 Resp: 260155
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 43.2 38.2 57.4





#15

Benzyl Alcohol

Concen: 31.30 ng

RT: 7.59 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

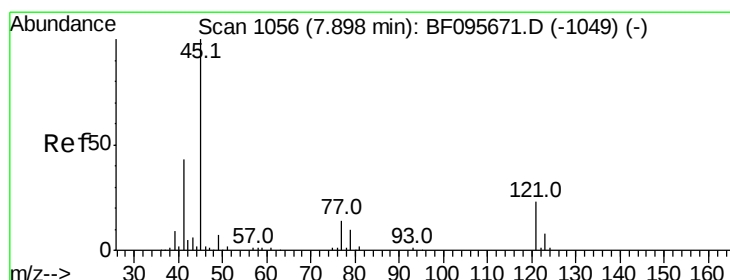
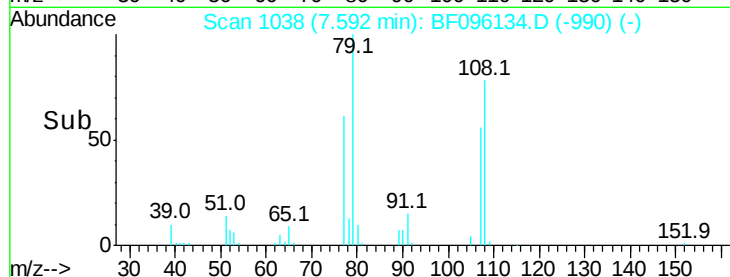
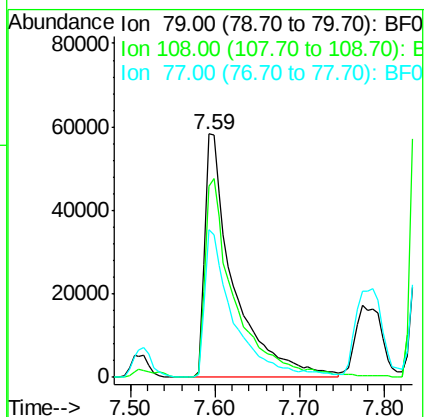
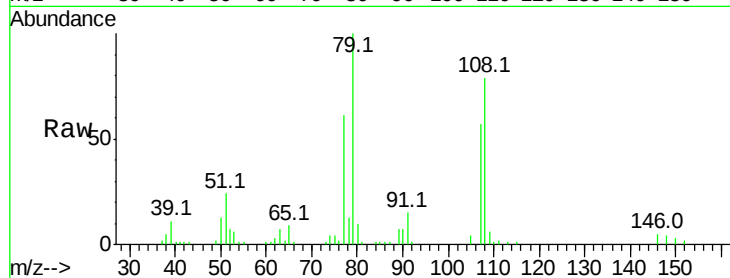
Tot Ion: 79 Resp: 137406

Ion Ratio Lower Upper

79 100

108 78.6 63.4 95.0

77 60.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.98 ng

RT: 7.78 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

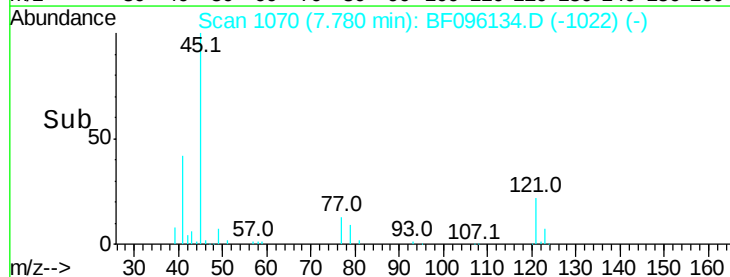
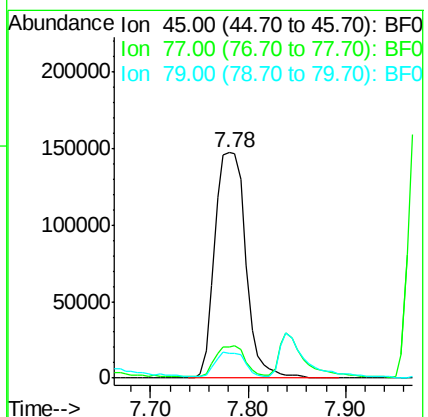
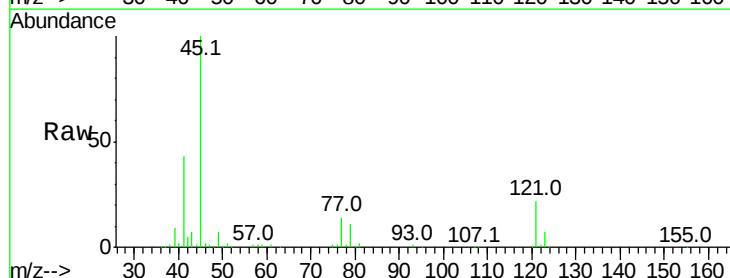
Tgt Ion: 45 Resp: 324796

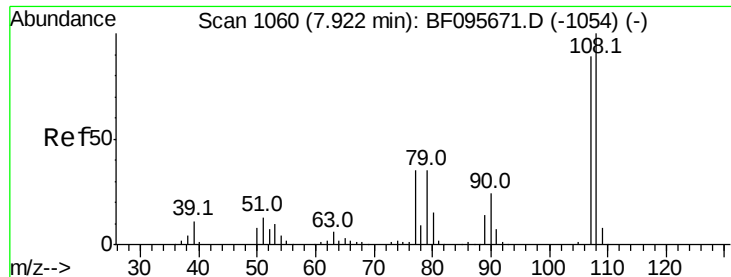
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.2

79 10.9 0.0 30.0

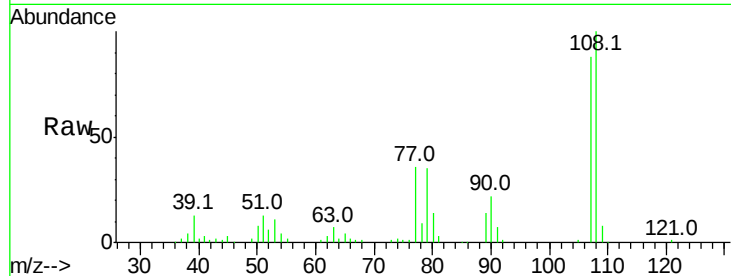




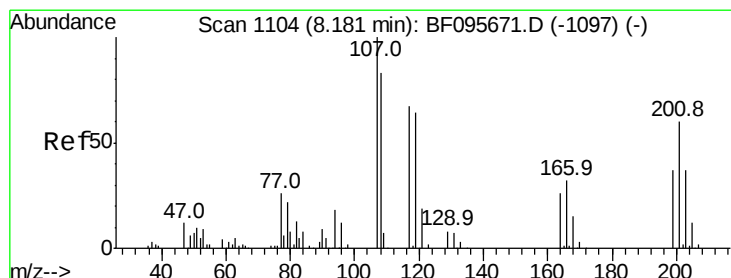
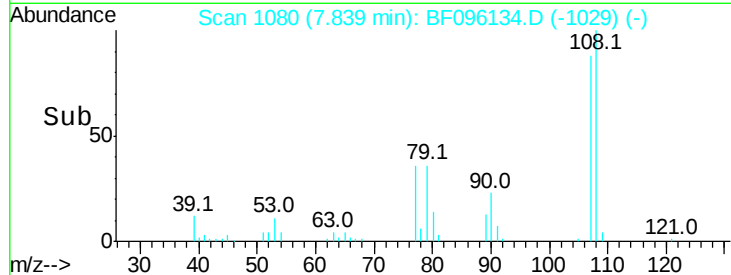
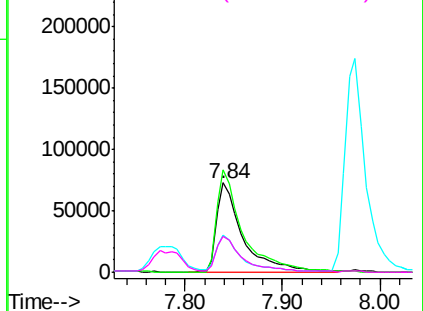
#17
2-Methylphenol
Concen: 28.97 ng
RT: 7.84 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 138111
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.0
77 40.9 35.8 53.6
79 40.3 34.8 52.2

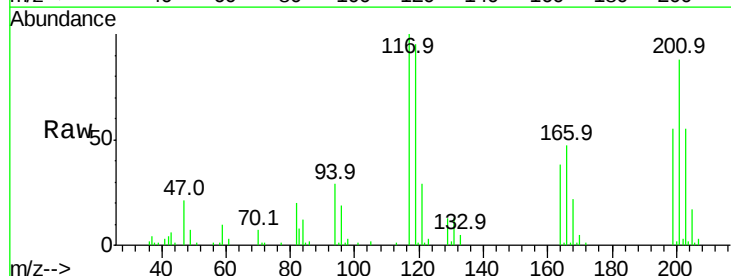


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

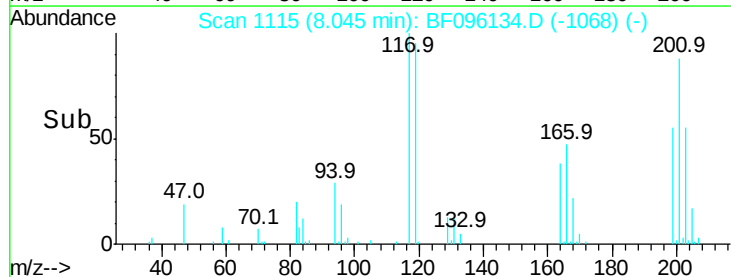
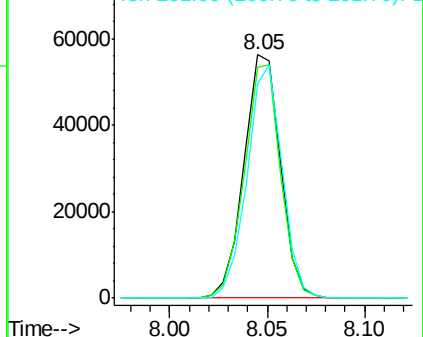


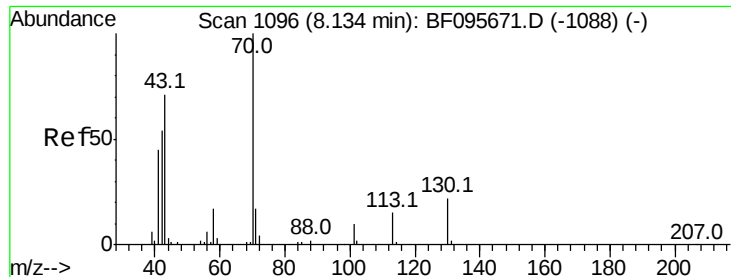
#18
Hexachloroethane
Concen: 34.02 ng
RT: 8.05 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:117 Resp: 73281
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
201 87.8 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

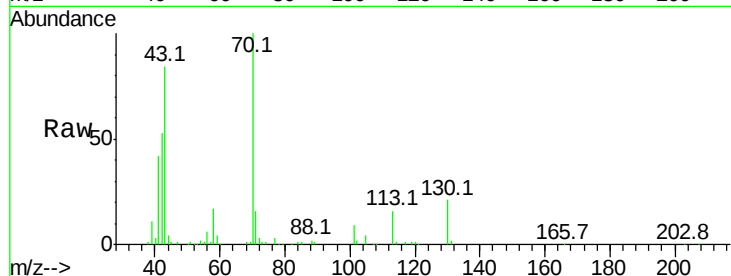




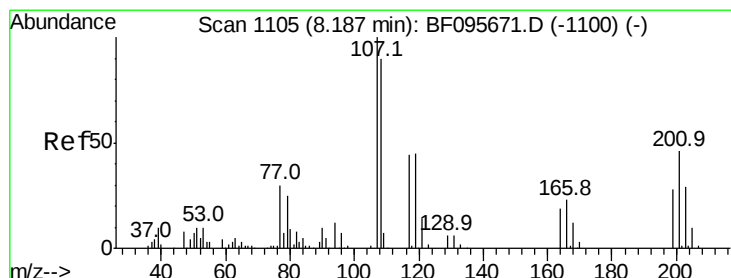
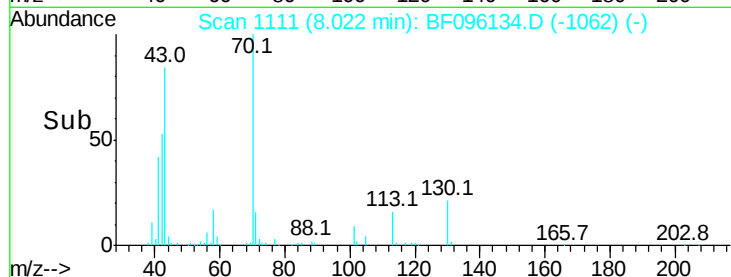
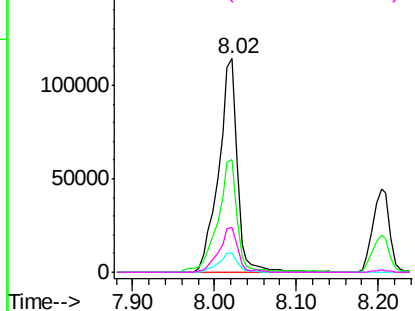
#19
n-Nitroso-di-n-propylamine
Concen: 44.91 ng
RT: 8.02 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	182051
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.2	70.8
101	8.8	7.2	10.8
130	21.3	15.9	23.9

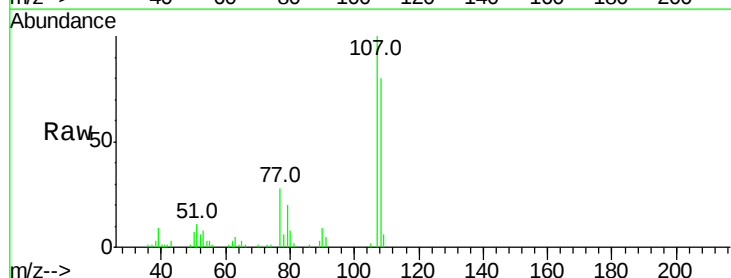


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

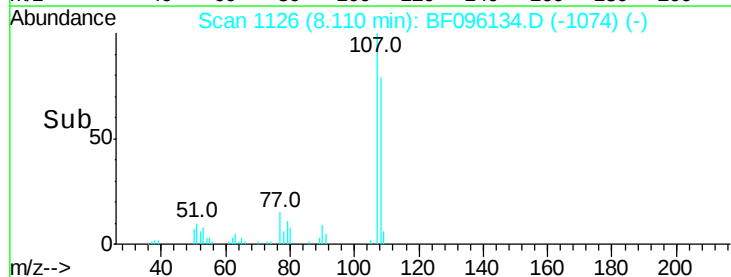
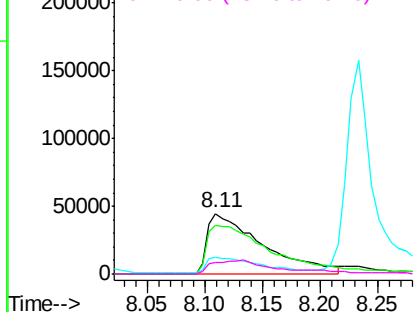


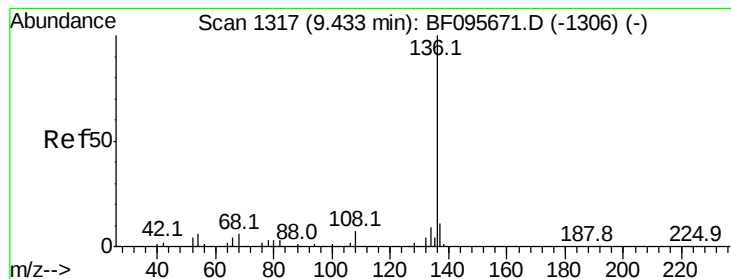
#20
3+4-Methylphenols
Concen: 24.68 ng
RT: 8.11 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:	107	Resp:	149344
Ion	Ratio	Lower	Upper
107	100		
108	79.5	71.0	111.0
77	27.9	90.5	130.5#
79	19.8	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: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 357951

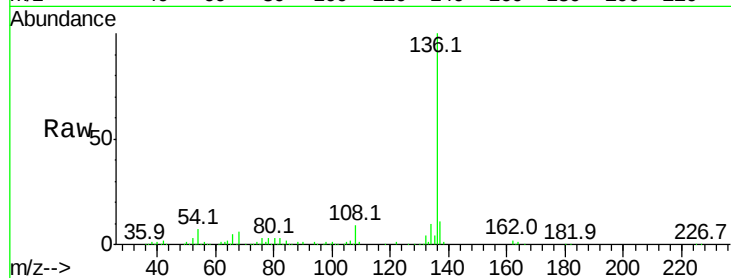
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.3 4.9 7.3

68 6.1 4.1 6.1

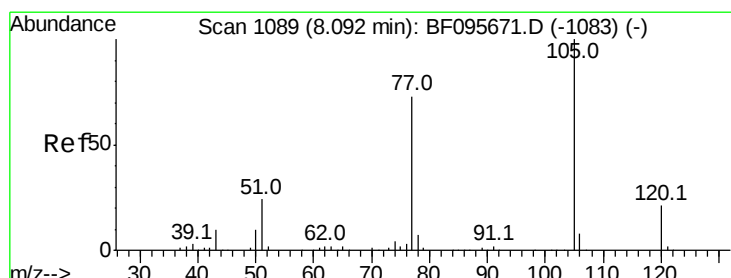
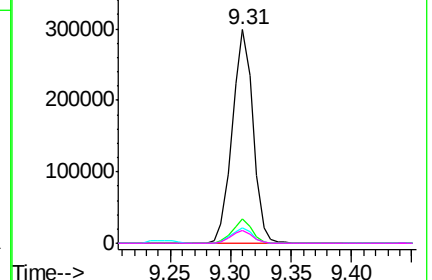
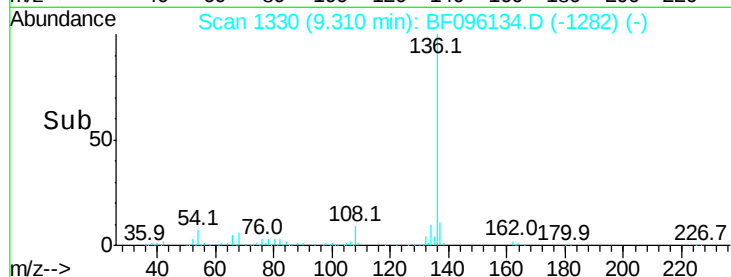


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.38 ng

RT: 7.97 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Tgt Ion:105 Resp: 355098

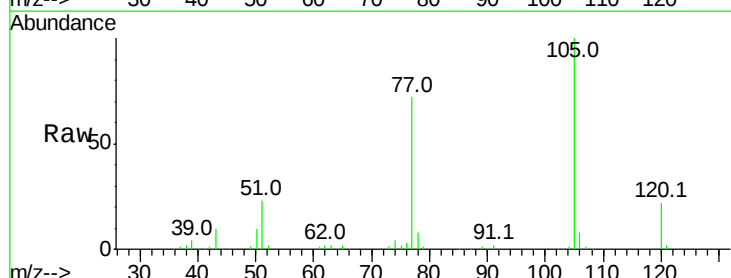
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.6 30.7 46.1#

120 21.6 17.4 26.0

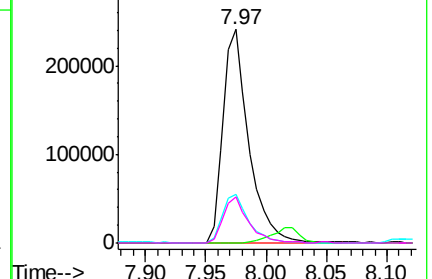
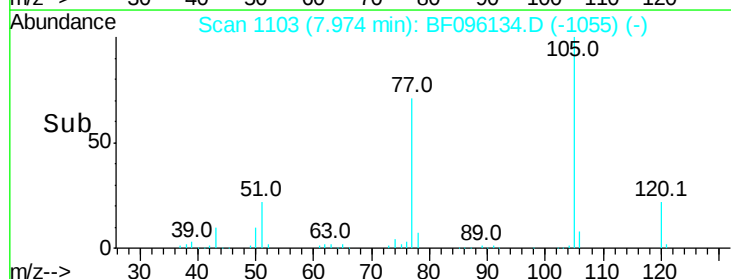


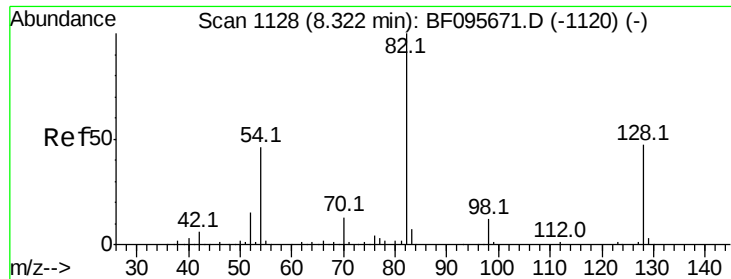
Abundance Ion 105.00 (104.70 to 105.70): E

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

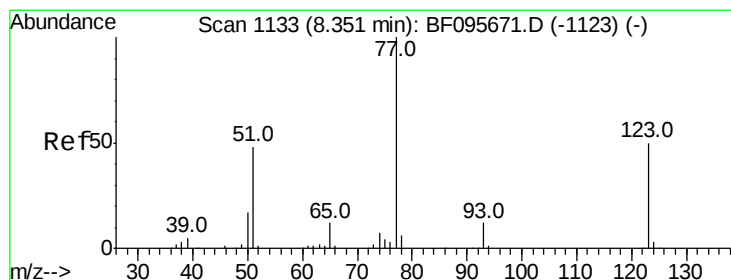
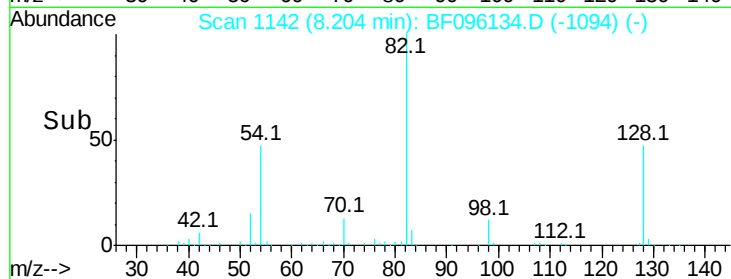
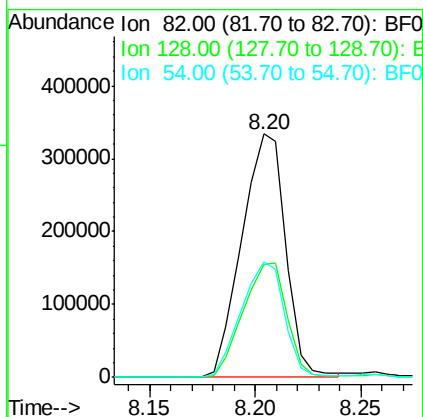
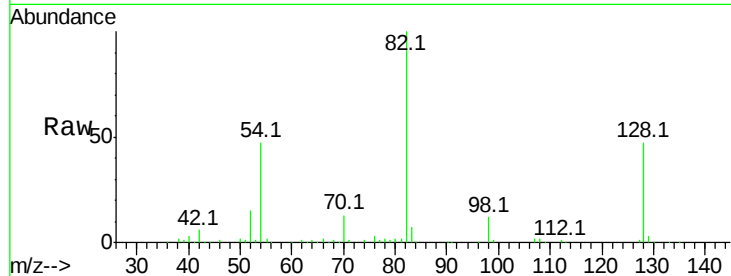




#23
 Nitrobenzene-d5
 Concen: 83.50 ng
 RT: 8.20 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

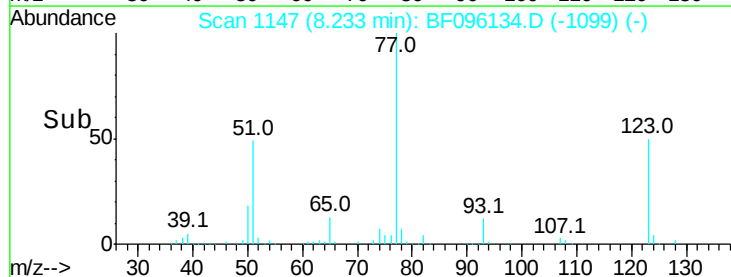
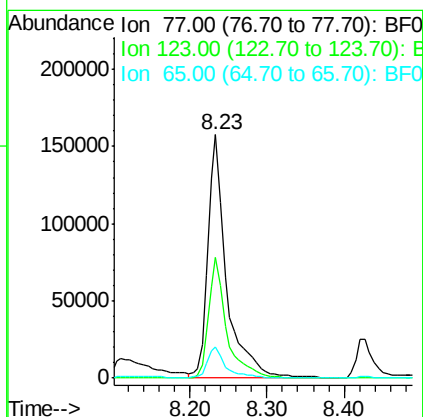
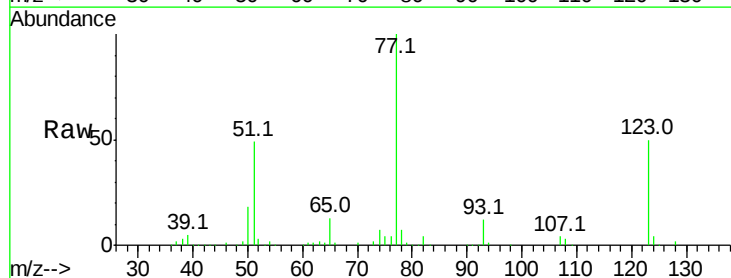
Instrument :
 BNA_F
 ClientSampleId :

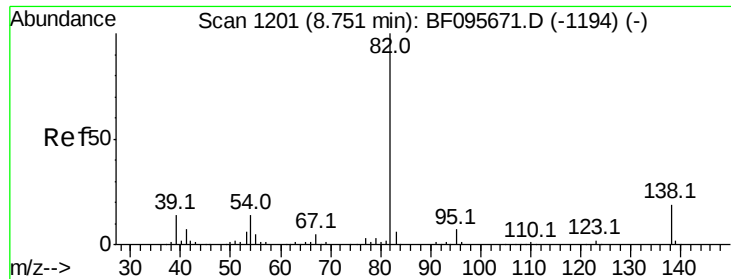
Tot Ion	82	Resp	481275
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	47.4	42.2	63.2



#24
 Nitrobenzene
 Concen: 41.96 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion	77	Resp	258318
Ion	Ratio	Lower	Upper
77	100		
123	49.6	35.8	53.8
65	12.5	10.6	15.8

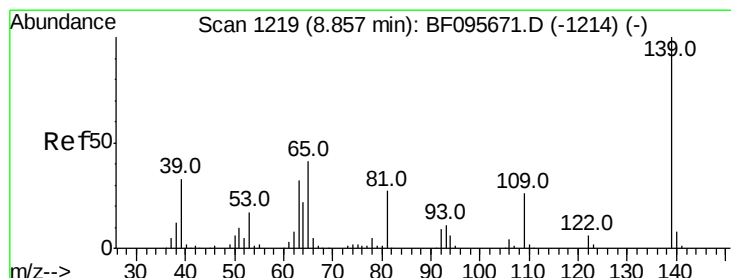
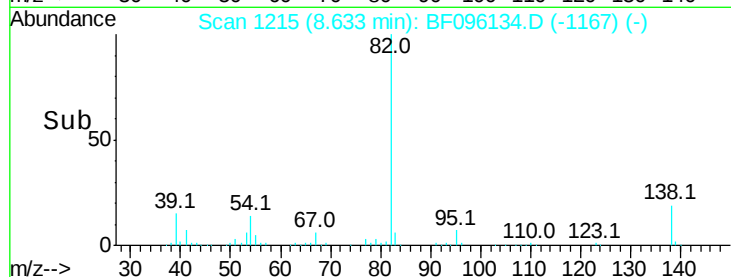
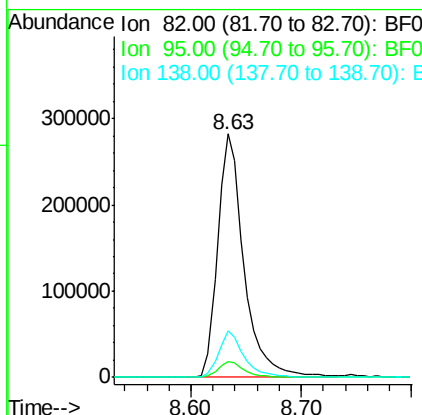
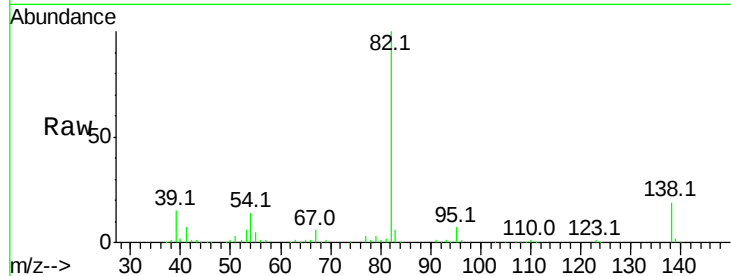




#25
Isophorone
Concen: 43.48 ng
RT: 8.63 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

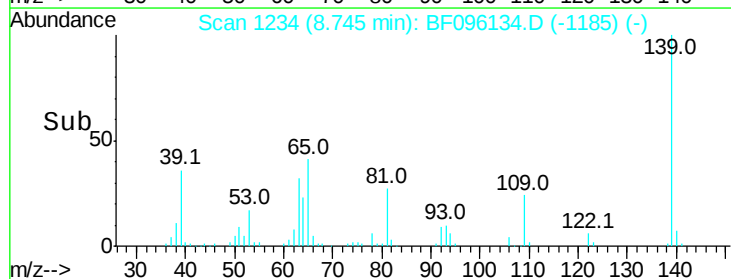
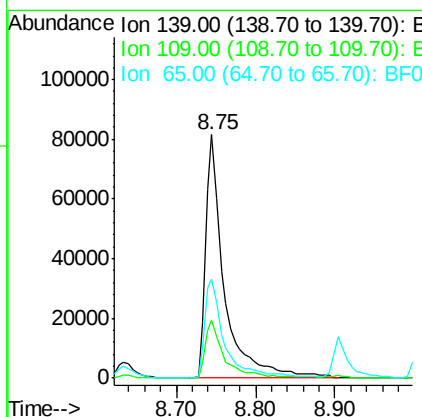
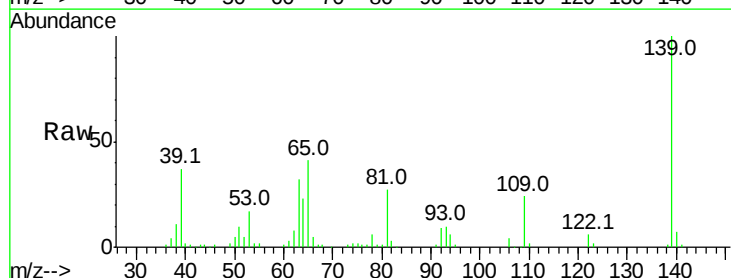
Instrument :
BNA_F
ClientSampleId :

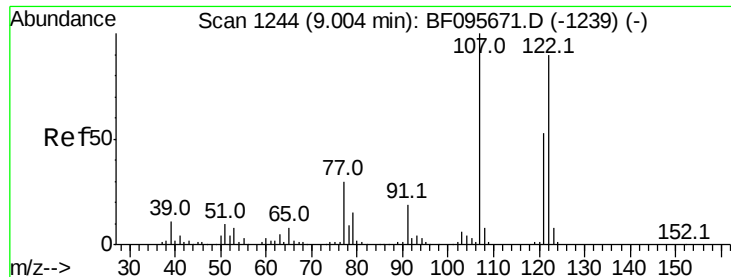
Tot Ion: 82 Resp: 467889
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 19.2 13.1 19.7



#26
2-Nitrophenol
Concen: 41.40 ng
RT: 8.75 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:139 Resp: 133459
Ion Ratio Lower Upper
139 100
109 23.7 21.0 31.6
65 40.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.54 ng

RT: 8.90 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampled :

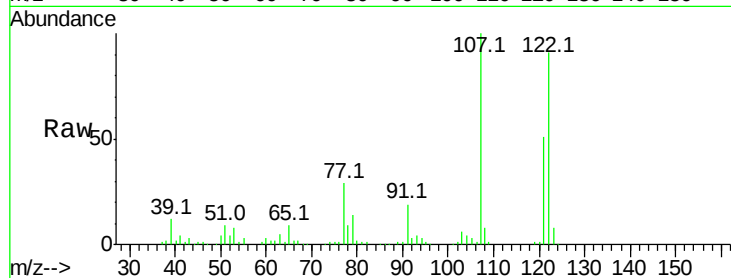
Tot Ion:122 Resp: 212854

Ion Ratio Lower Upper

122 100

107 110.3 89.2 133.8

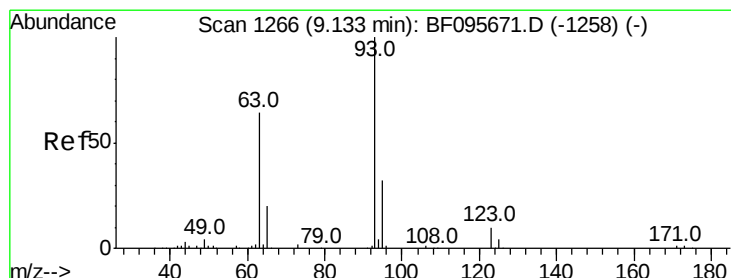
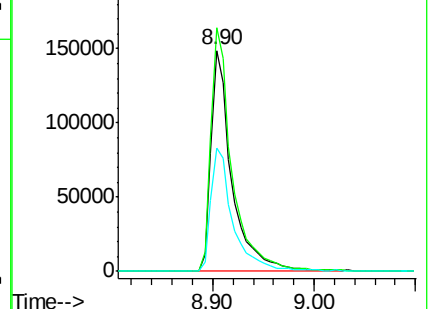
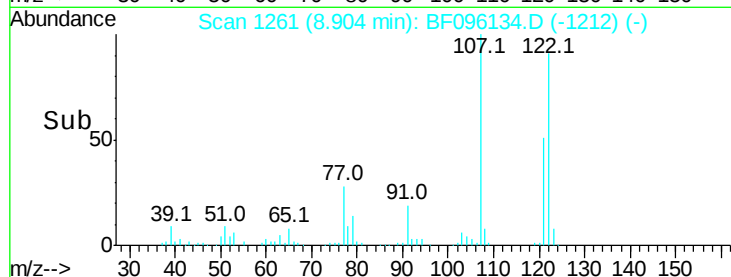
121 56.0 45.2 67.8



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: 46.08 ng

RT: 9.02 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

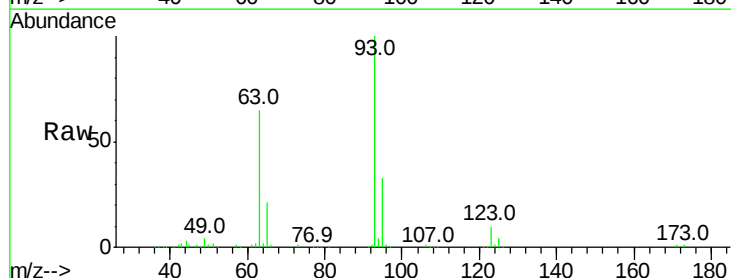
Tgt Ion: 93 Resp: 326912

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

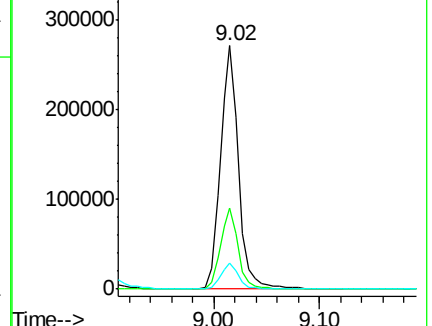
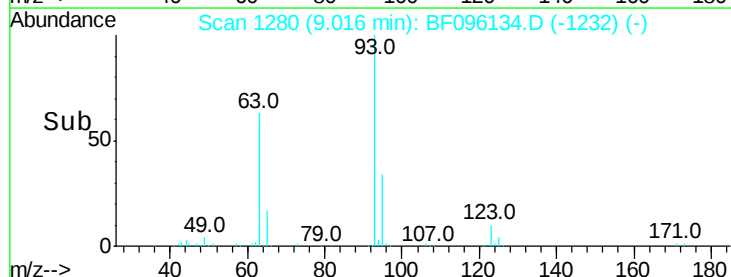
123 10.5 9.0 13.4

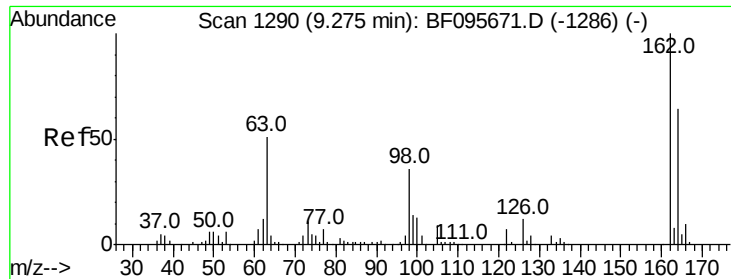


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

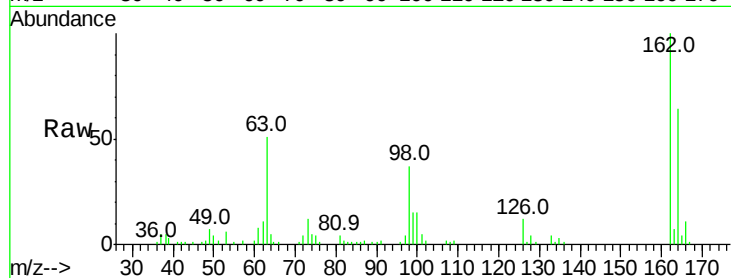




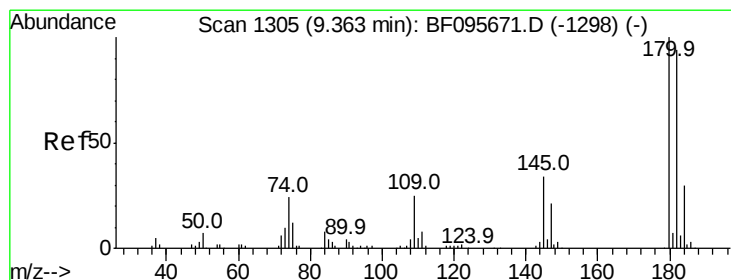
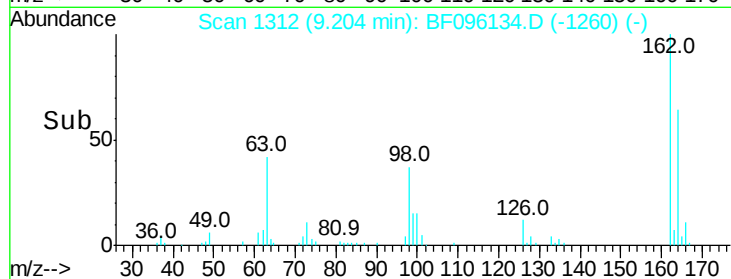
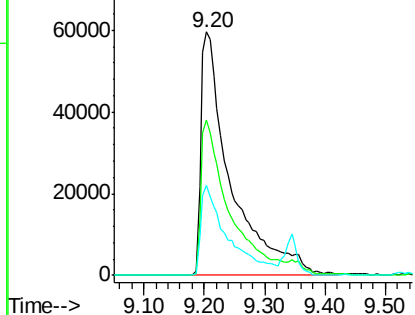
#29
 2,4-Dichlorophenol
 Concen: 42.33 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	36.8	14.8	54.8

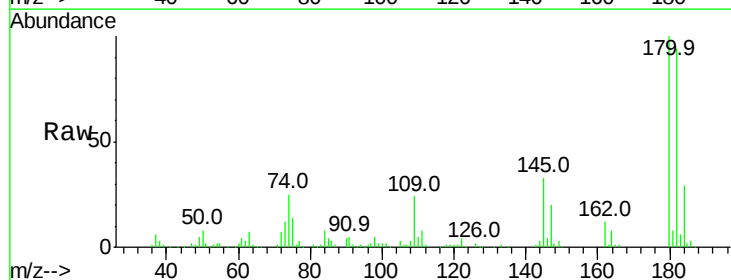


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

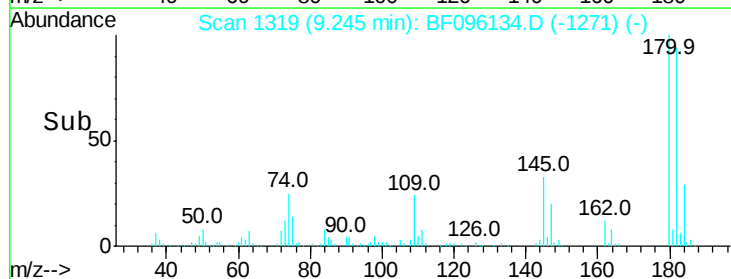
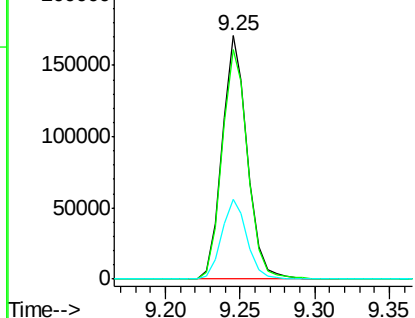


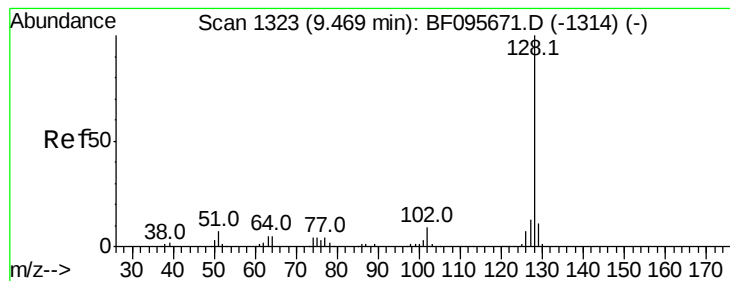
#30
 1,2,4-Trichlorobenzene
 Concen: 40.36 ng
 RT: 9.25 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	32.5	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.29 ng

RT: 9.35 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

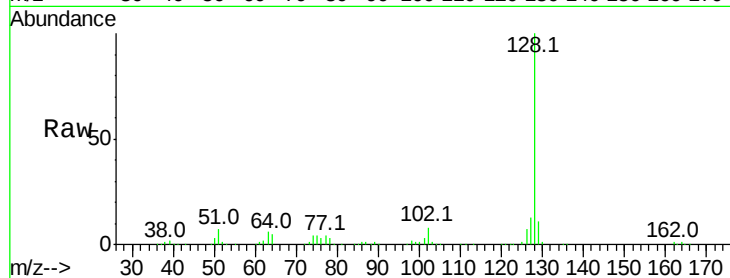
Tot Ion:128 Resp: 777753

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

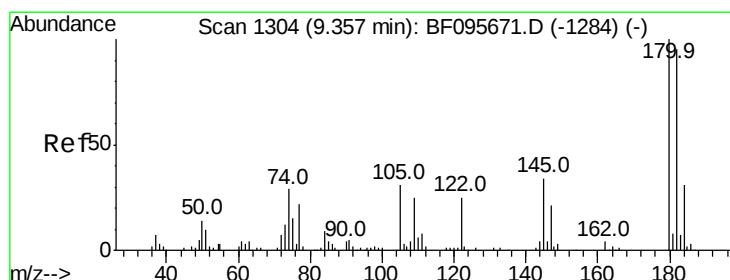
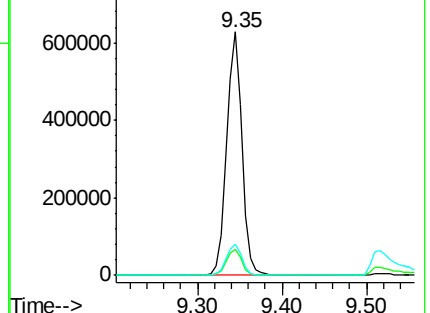
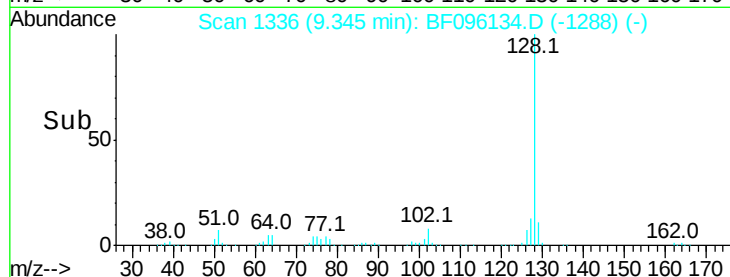
127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.77 ng

RT: 9.23 min Scan# 1317

Delta R.T. -0.06 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

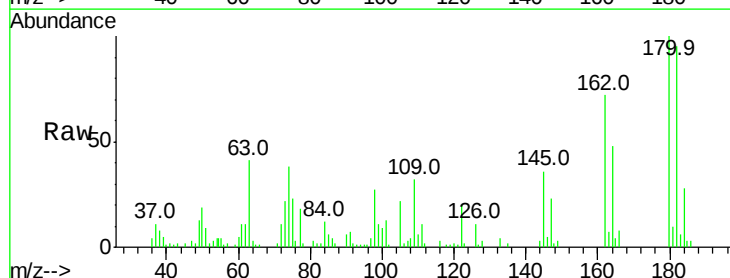
Tgt Ion:122 Resp: 23282

Ion Ratio Lower Upper

122 100

105 109.8 103.3 143.3

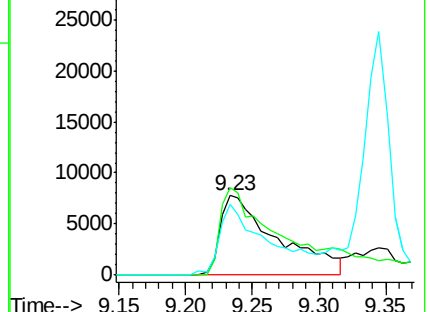
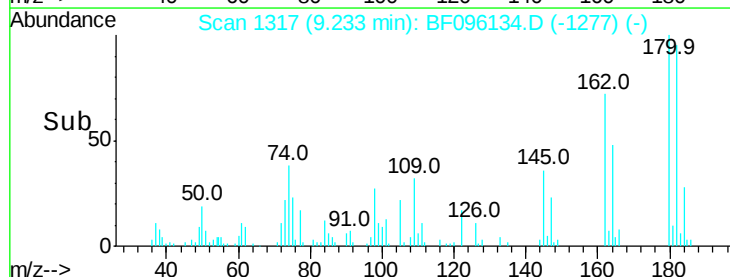
77 89.8 73.7 113.7

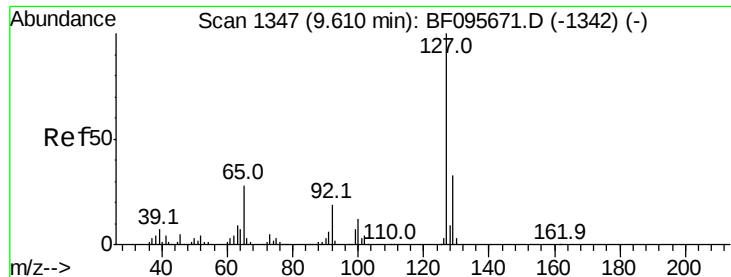


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

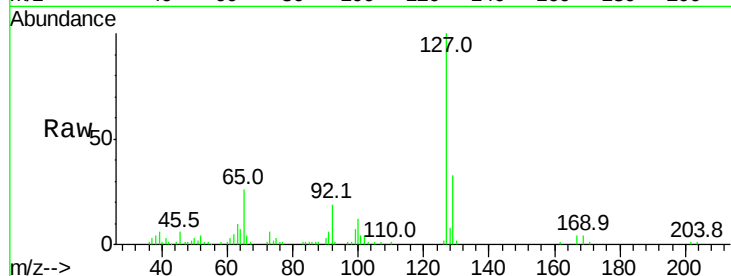




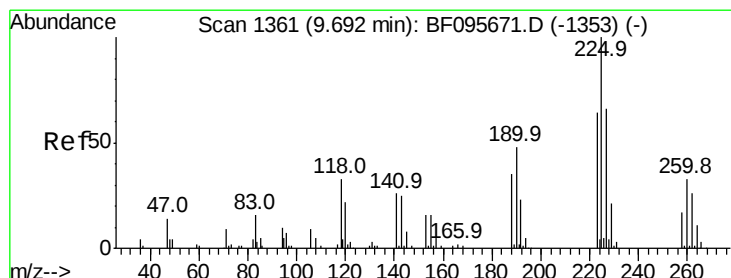
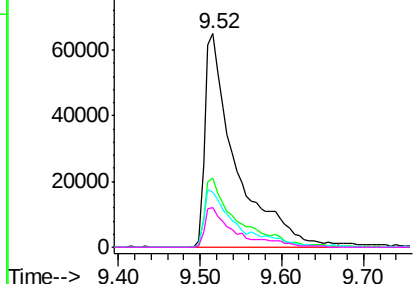
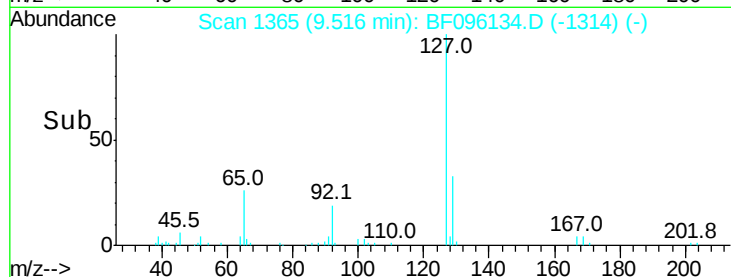
#33
4-Chloroaniline
Concen: 24.30 ng
RT: 9.52 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 170628
Ion Ratio Lower Upper
127 100
129 32.7 26.2 39.2
65 26.1 27.8 41.8#
92 18.8 16.8 25.2

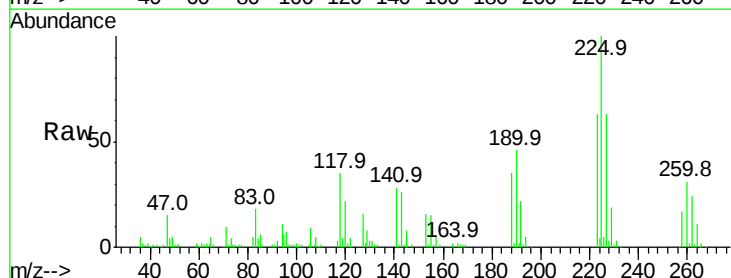


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
80000
Ion 65.00 (64.70 to 65.70): BF0
60000
Ion 92.00 (91.70 to 92.70): BF0
40000
20000
0

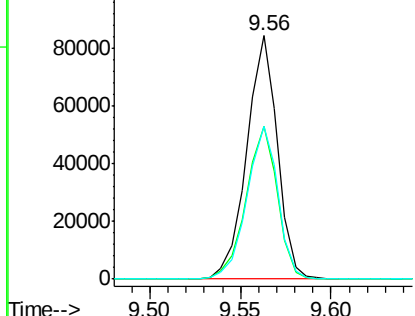
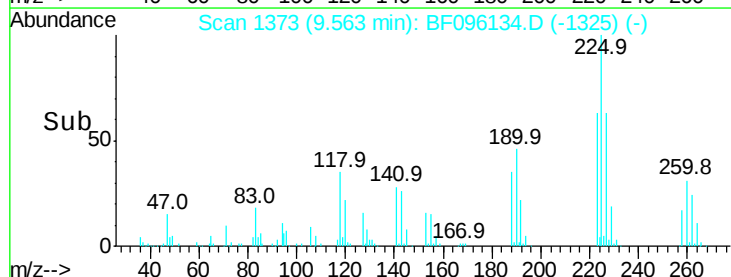


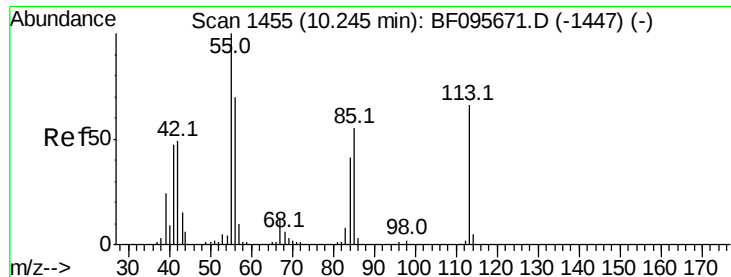
#34
Hexachlorobutadiene
Concen: 38.26 ng
RT: 9.56 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:225 Resp: 99123
Ion Ratio Lower Upper
225 100
223 62.9 48.8 73.2
227 62.8 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E
100000
Ion 223.00 (222.70 to 223.70): E
80000
Ion 227.00 (226.70 to 227.70): E
60000
40000
20000
0





#35

Caprolactam

Concen: 5.90 ng

RT: 10.15 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

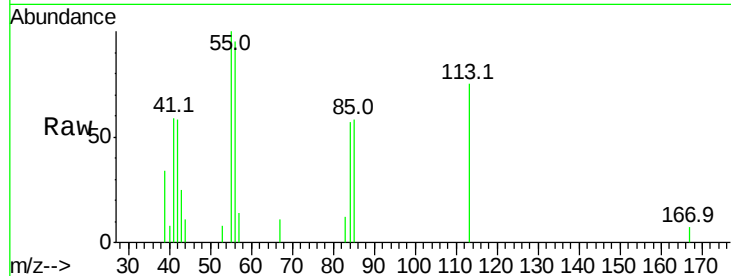
Tot Ion:113 Resp: 8453

Ion Ratio Lower Upper

113 100

55 133.4 150.2 190.2#

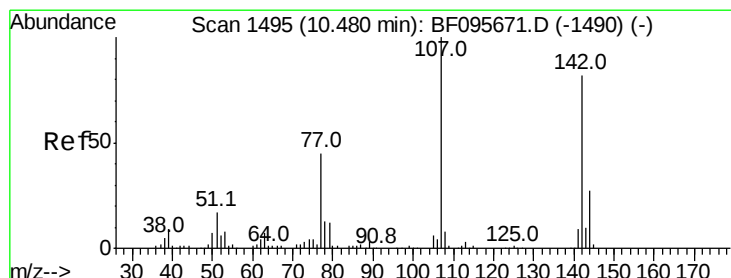
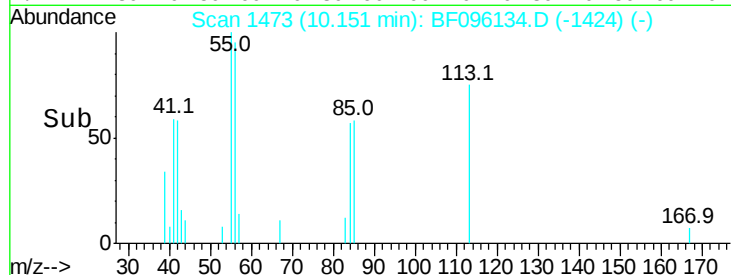
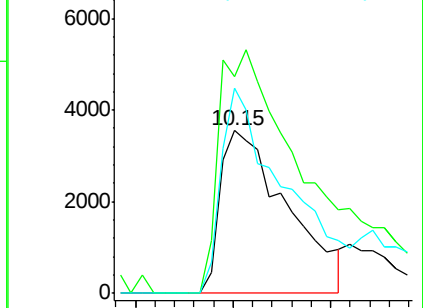
56 126.3 107.8 147.8



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: 39.00 ng

RT: 10.39 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

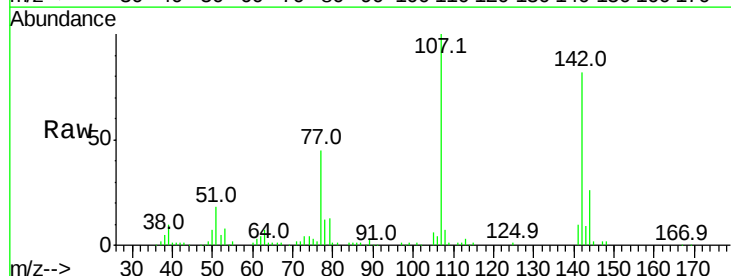
Tgt Ion:107 Resp: 196716

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

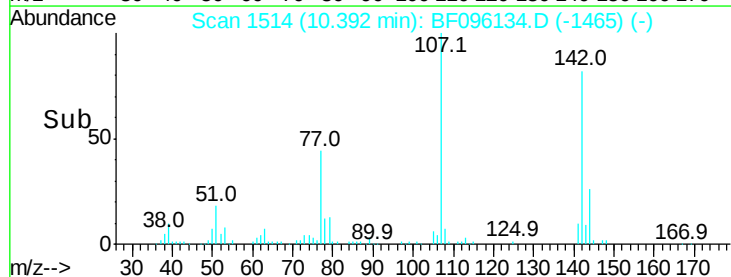
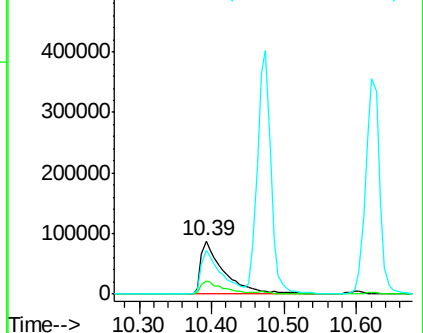
142 82.0 73.4 110.0

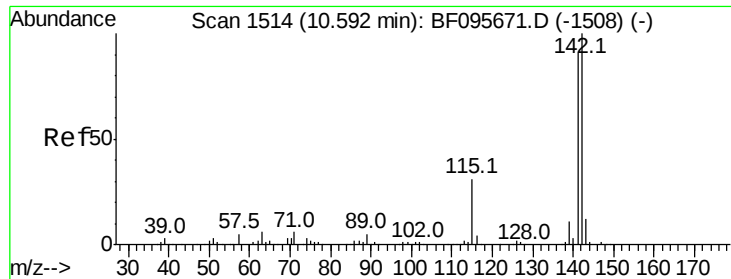


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

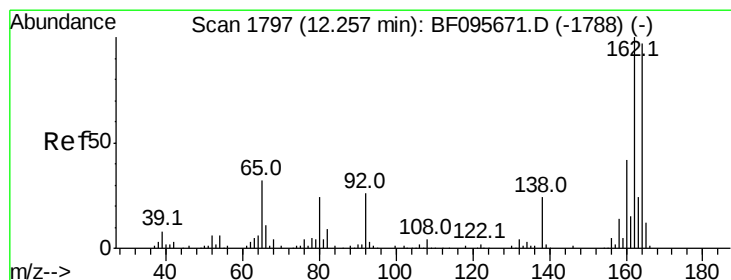
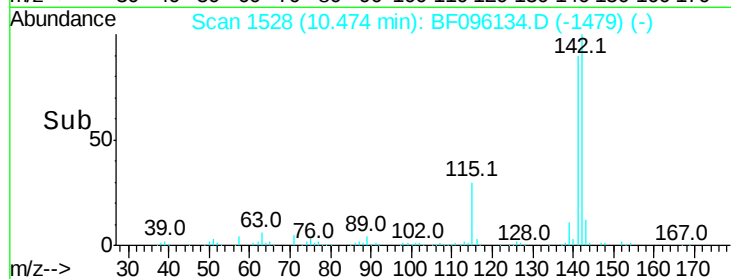
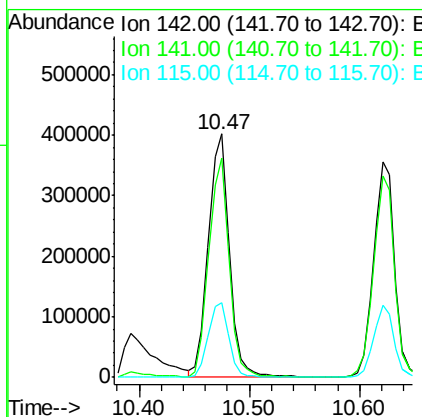
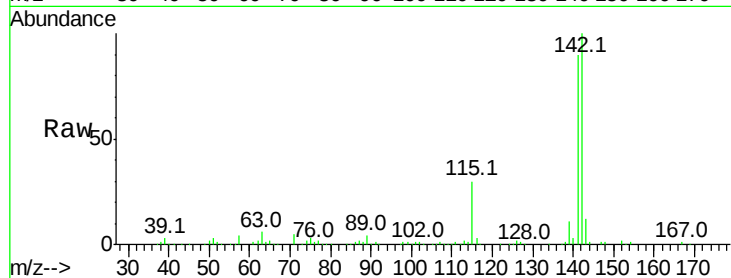




#37
 2-Methylnaphthalene
 Concen: 43.10 ng
 RT: 10.47 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

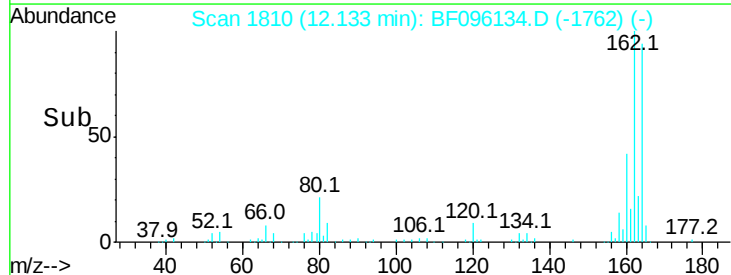
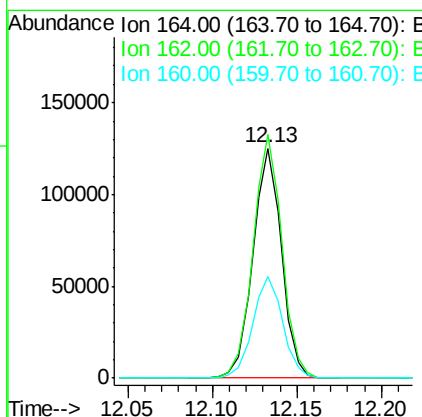
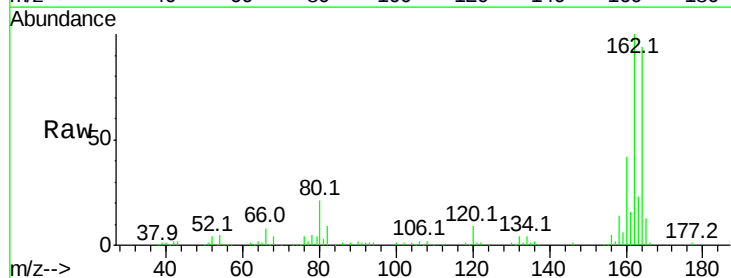
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 523177
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 30.4 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: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion:164 Resp: 147253
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.6 123.8
 160 43.9 36.2 54.2

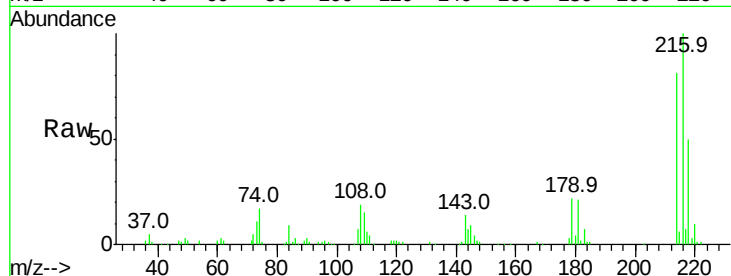




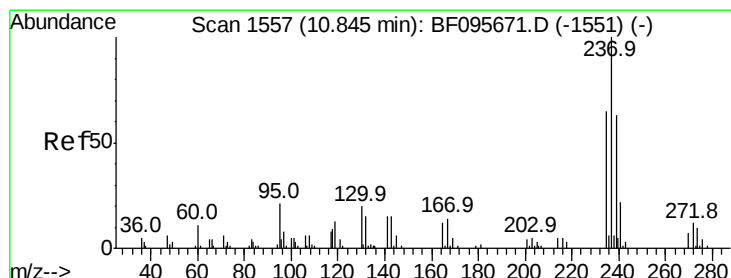
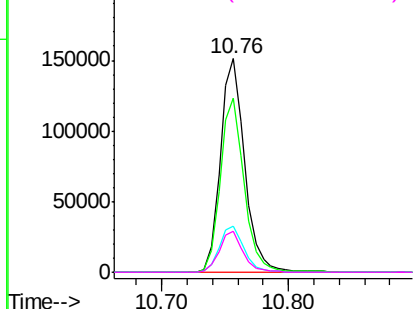
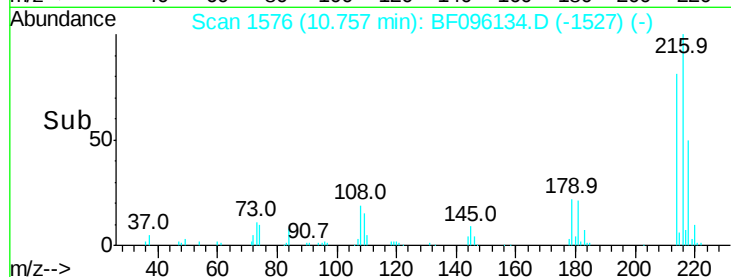
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.69 ng
 RT: 10.76 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	201337
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	22.0	17.9	26.9
108	19.0	16.5	24.7

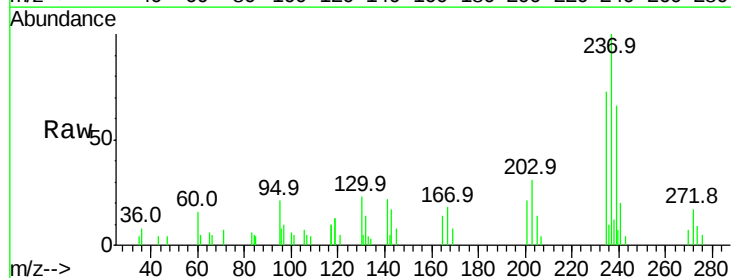


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

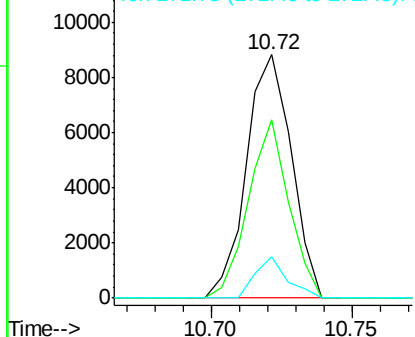
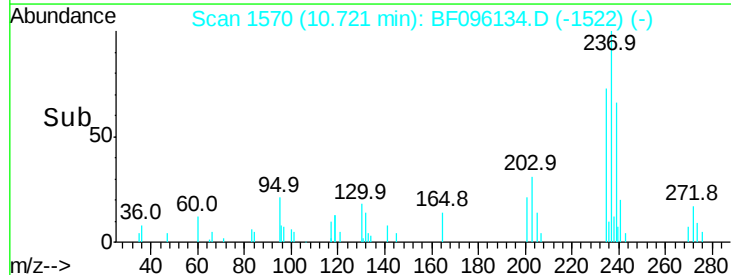


#40
 Hexachlorocyclopentadiene
 Concen: 17.29 ng
 RT: 10.72 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion:	237	Resp:	9722
Ion	Ratio	Lower	Upper
237	100		
235	73.2	42.6	82.6
272	16.7	0.0	31.9



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

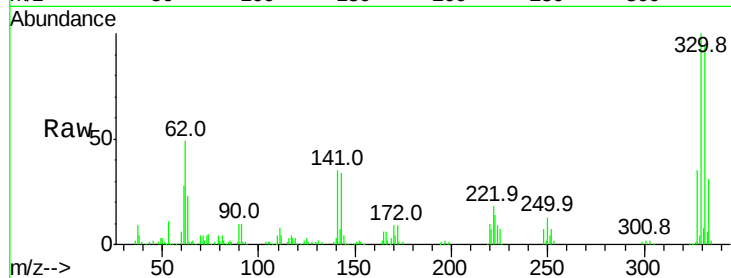




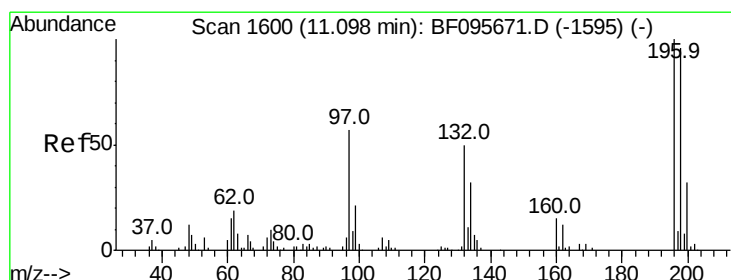
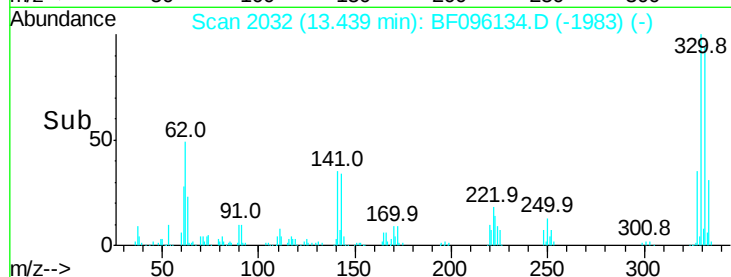
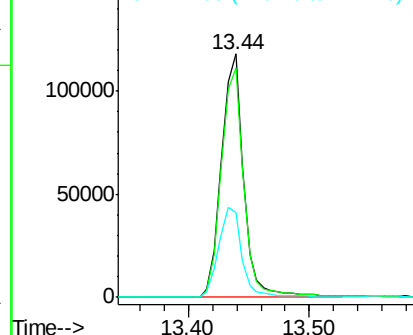
#41
 2,4,6-Tribromophenol
 Concen: 115.55 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 150550
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.7 31.4 47.2

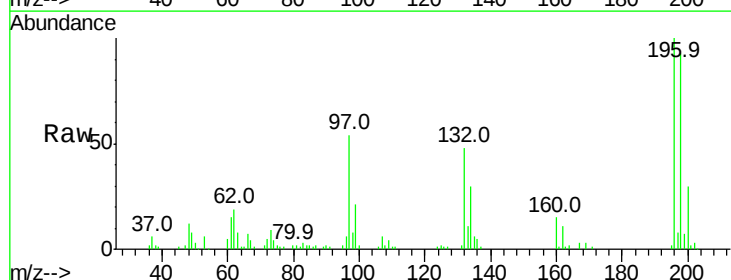


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

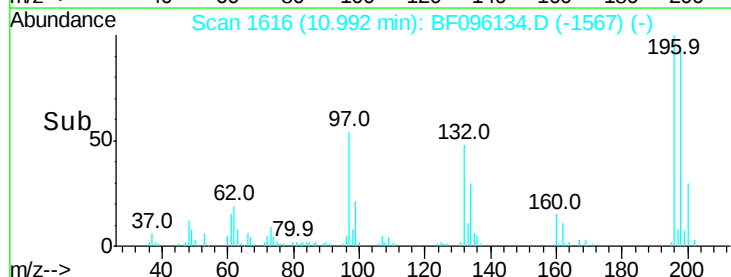
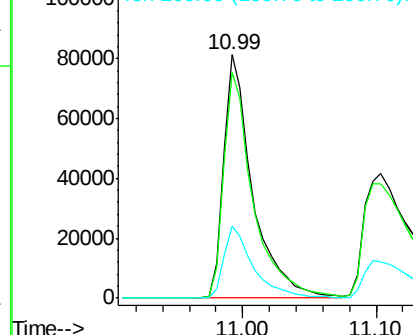


#42
 2,4,6-Trichlorophenol
 Concen: 43.84 ng
 RT: 10.99 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion:196 Resp: 124218
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.2 111.4
 200 29.8 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

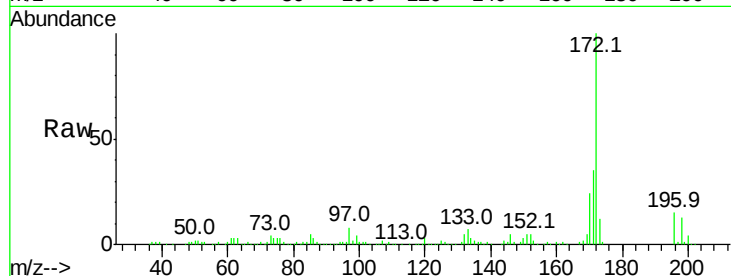




#43
 2,4,5-Trichlorophenol
 Concen: 40.47 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	121980
Ion Ratio	100	Lower	Upper
196	100		
198	91.1	75.7	113.5
97	52.3	47.7	71.5
132	32.6	28.0	42.0



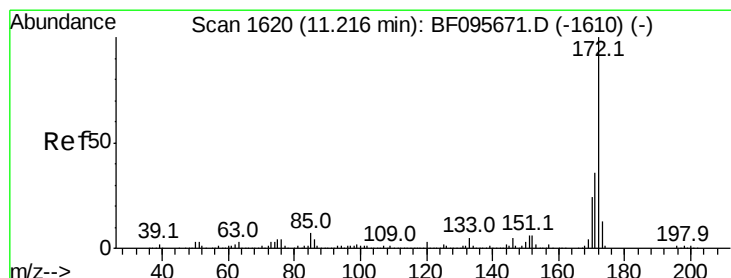
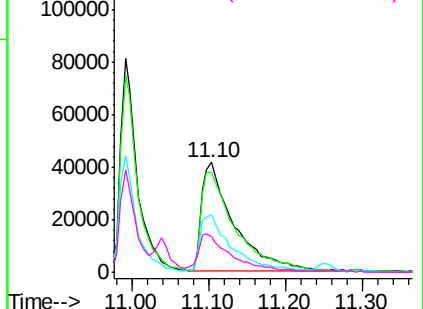
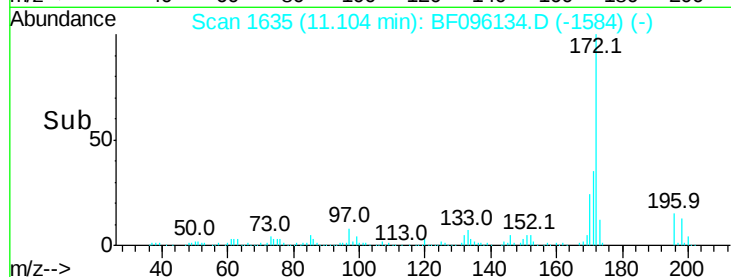
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

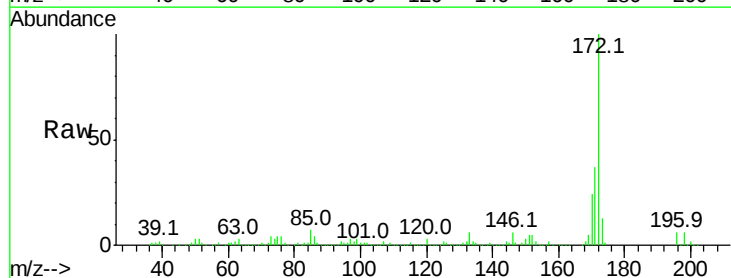
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.99 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion	172	Resp	941685
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.0	19.8	29.8

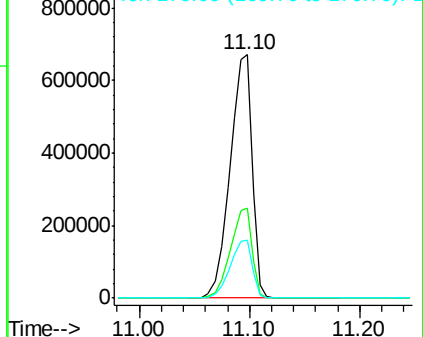
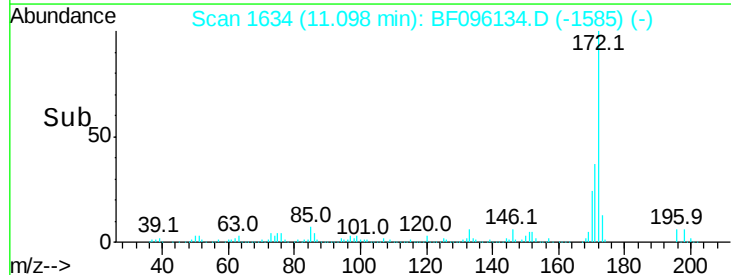


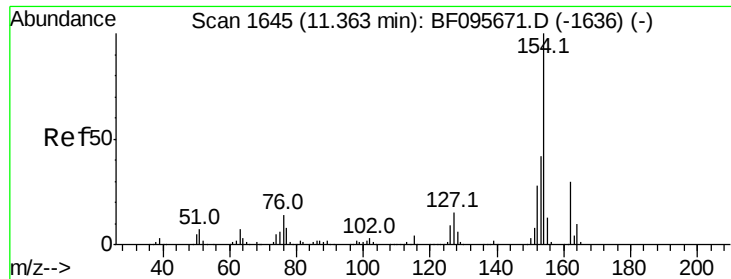
Abundance

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

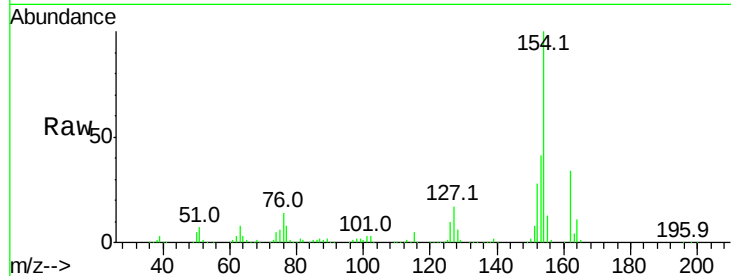




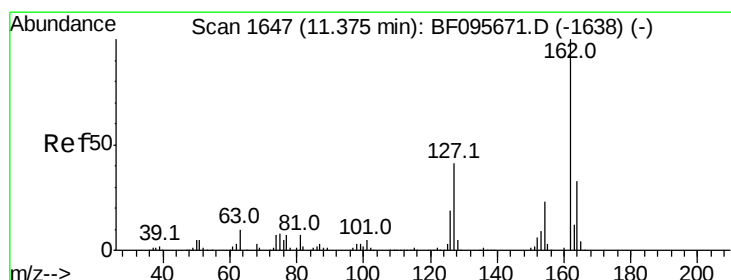
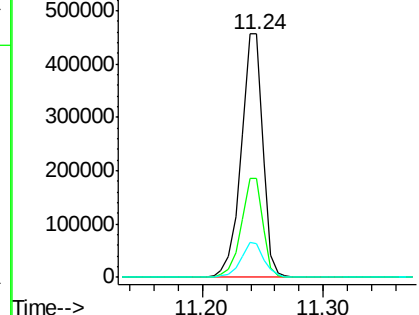
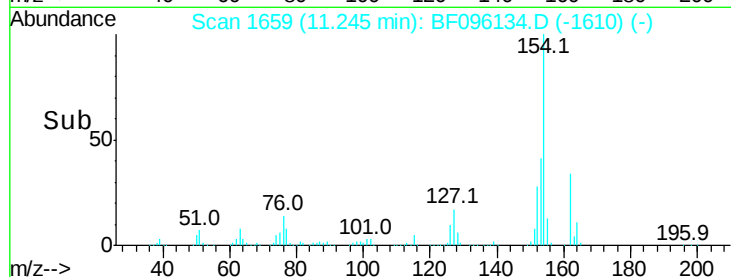
#45
 1,1'-Biphenyl
 Concen: 47.12 ng
 RT: 11.24 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	13.7	0.0	29.9

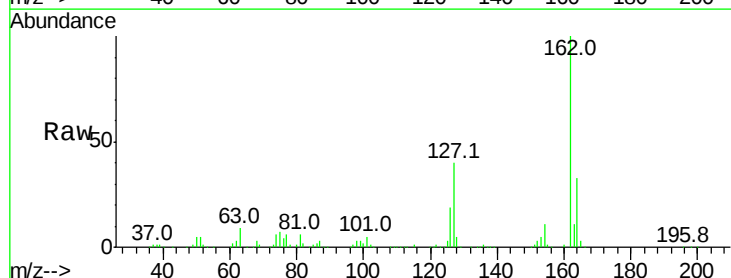


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

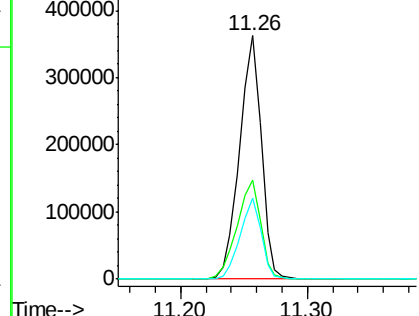
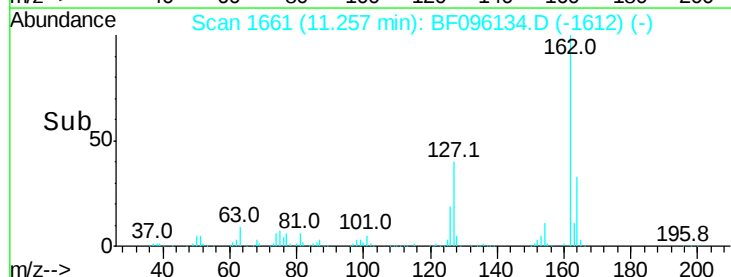


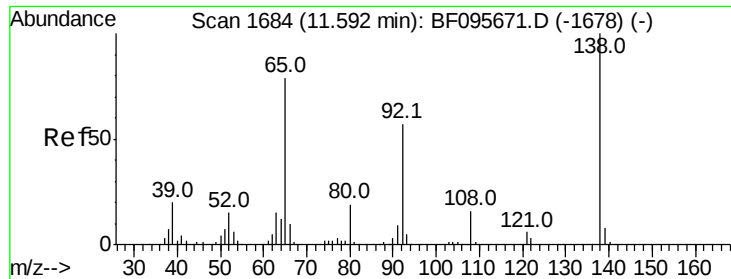
#46
 2-Chloronaphthalene
 Concen: 45.20 ng
 RT: 11.26 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	28.3	42.5
164	33.2	27.0	40.4



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

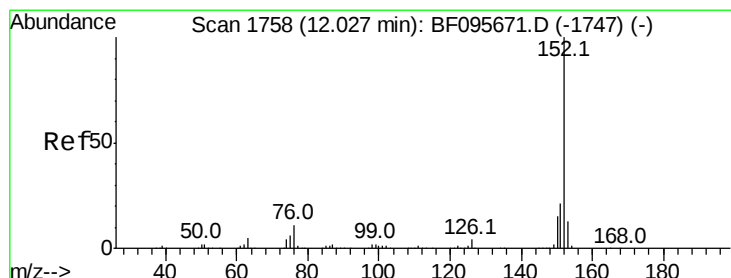
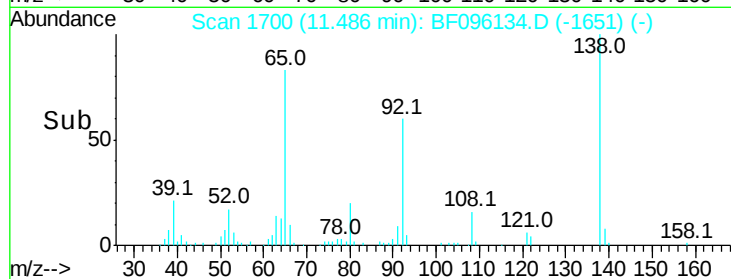
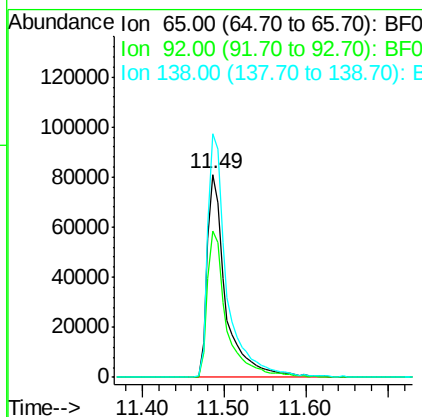
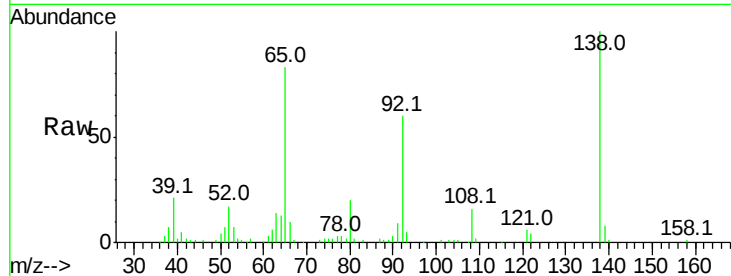




#47
2-Nitroaniline
Concen: 46.43 ng
RT: 11.49 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

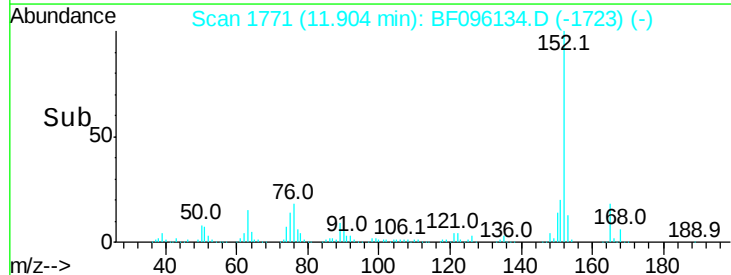
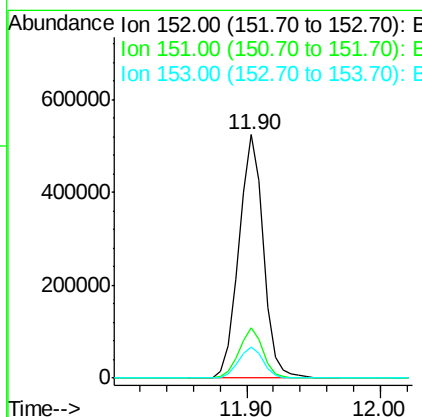
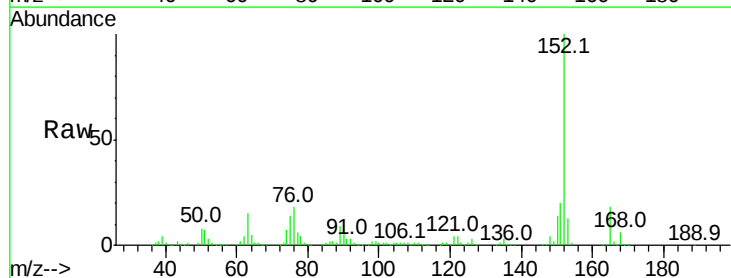
Instrument :
BNA_F
ClientSampleId :

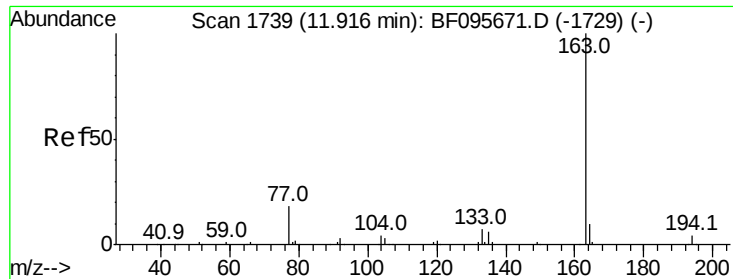
Tot Ion: 65 Resp: 128830
Ion Ratio Lower Upper
65 100
92 71.9 53.9 80.9
138 120.0 78.8 118.2#



#48
Acenaphthylene
Concen: 41.16 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:152 Resp: 667399
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 49.05 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

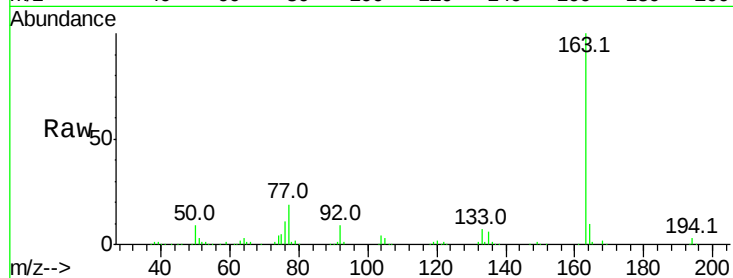
Tot Ion:163 Resp: 548351

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

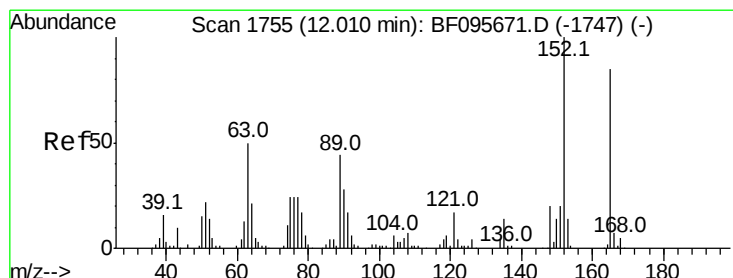
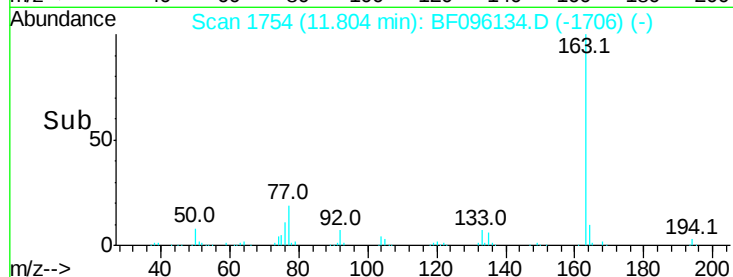
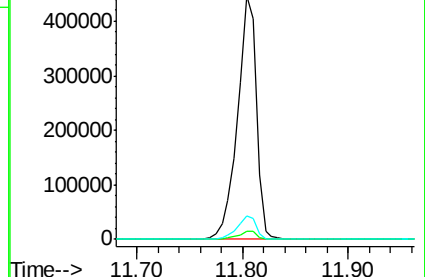
164 9.8 8.4 12.6



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: 42.83 ng

RT: 11.90 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

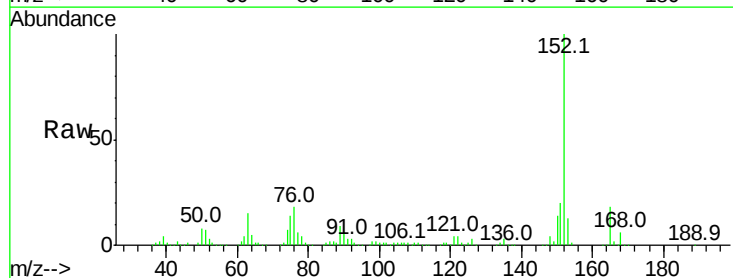
Tgt Ion:165 Resp: 104458

Ion Ratio Lower Upper

165 100

63 87.3 34.3 51.5#

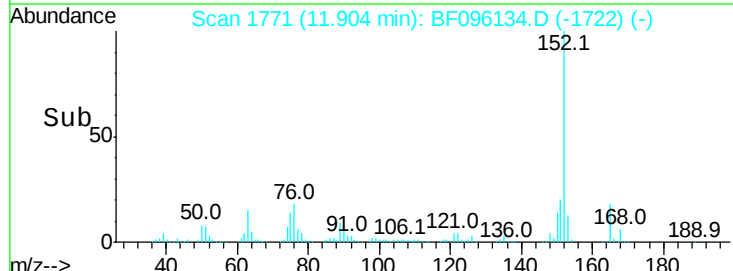
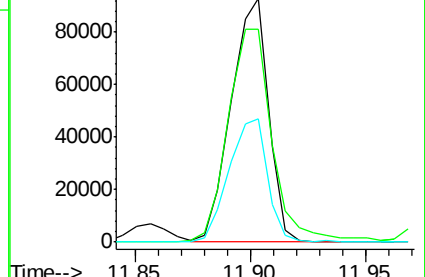
89 50.5 37.1 55.7



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: 43.74 ng

RT: 12.19 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

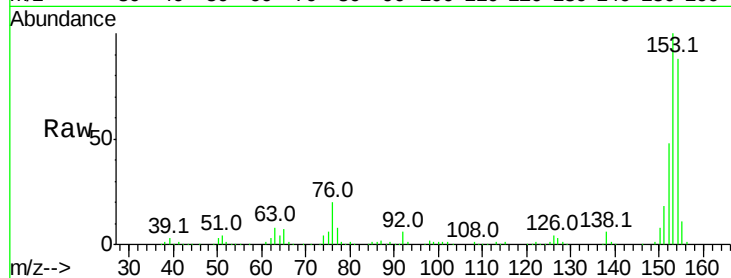
Tot Ion:154 Resp: 409639

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

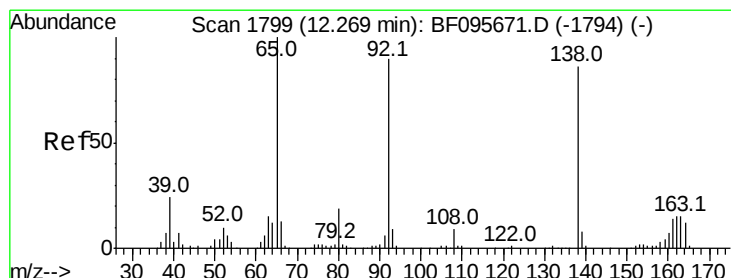
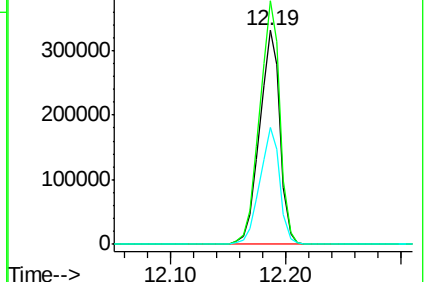
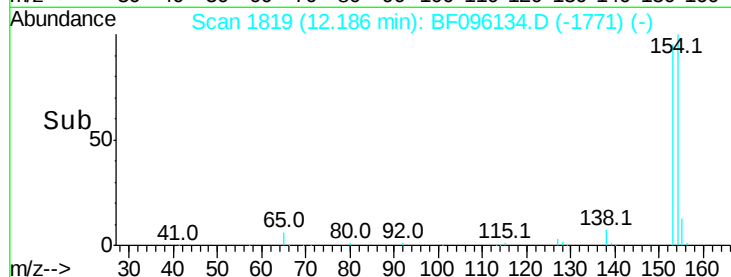
152 54.4 43.6 65.4



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: 34.87 ng

RT: 12.17 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

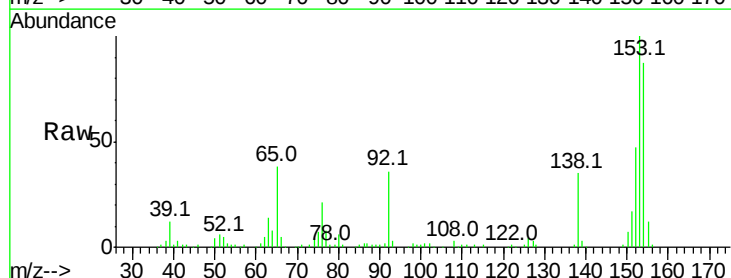
Tgt Ion:138 Resp: 99087

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

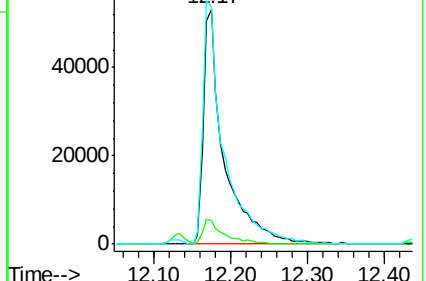
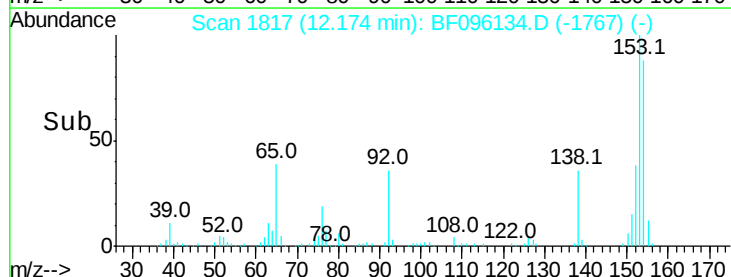
92 101.0 93.8 140.6



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

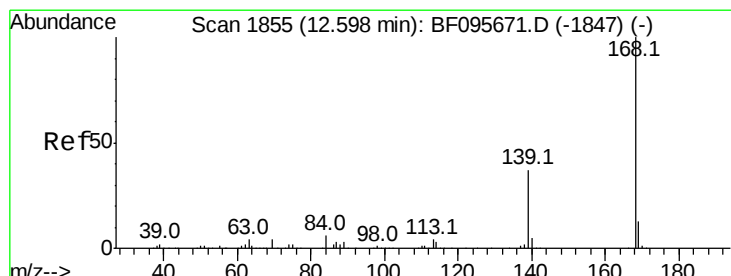
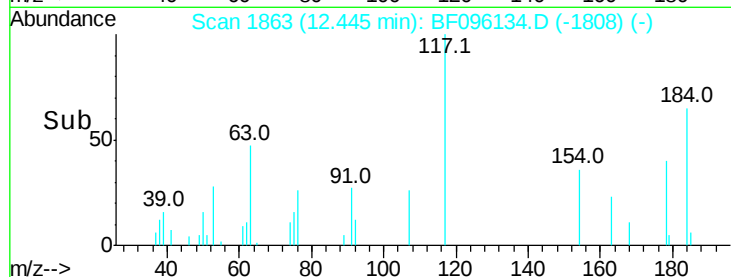
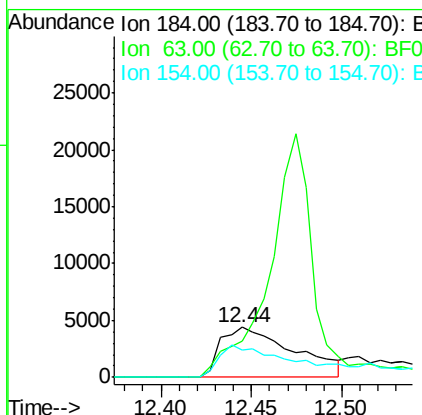
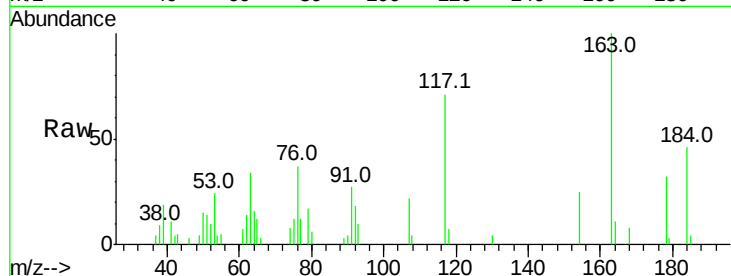




#53
2,4-Dinitrophenol
Concen: 14.73 ng
RT: 12.44 min Scan# 1863
Delta R.T. 0.02 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

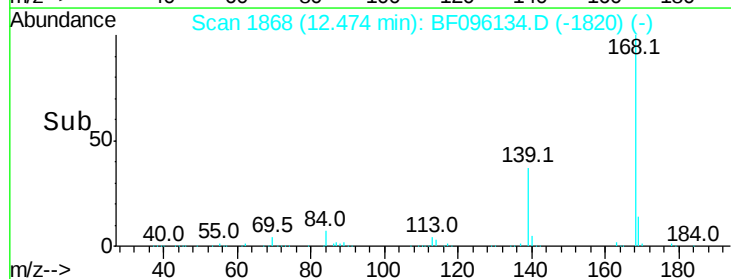
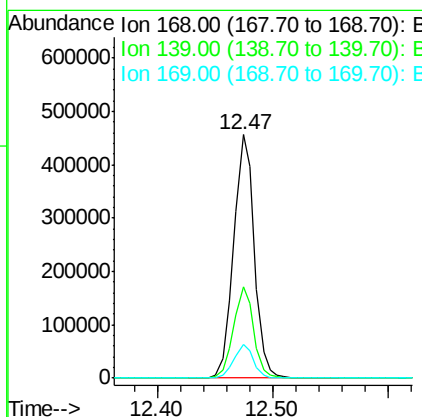
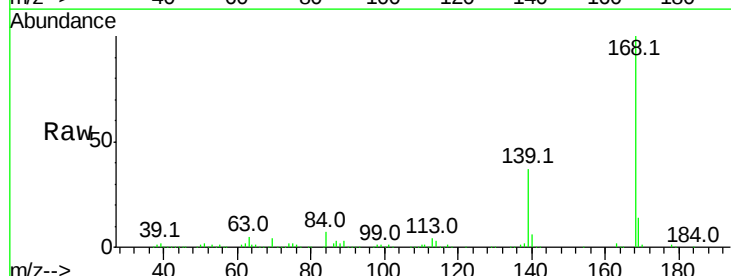
Instrument :
BNA_F
ClientSampleId :

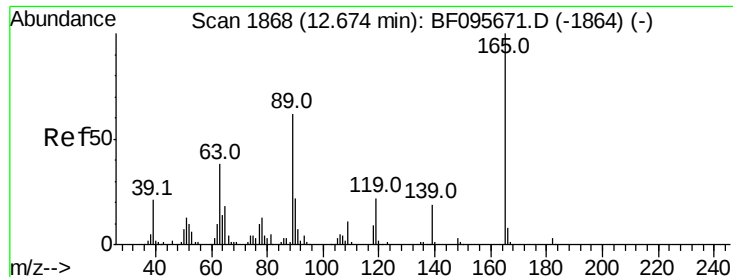
Tot Ion:184 Resp: 12406
Ion Ratio Lower Upper
184 100
63 73.0 62.7 94.1
154 54.9 81.1 121.7#



#54
Dibenzofuran
Concen: 42.79 ng
RT: 12.47 min Scan# 1868
Delta R.T. -0.02 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:168 Resp: 563961
Ion Ratio Lower Upper
168 100
139 37.5 30.6 45.8
169 13.8 10.8 16.2

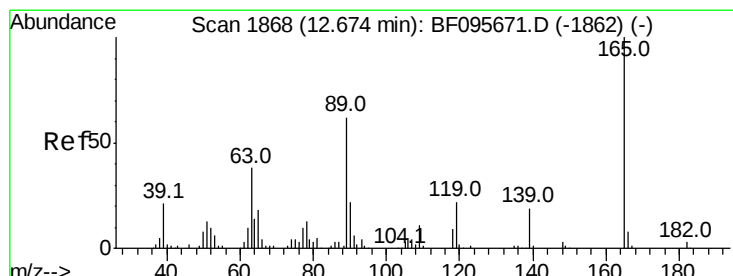
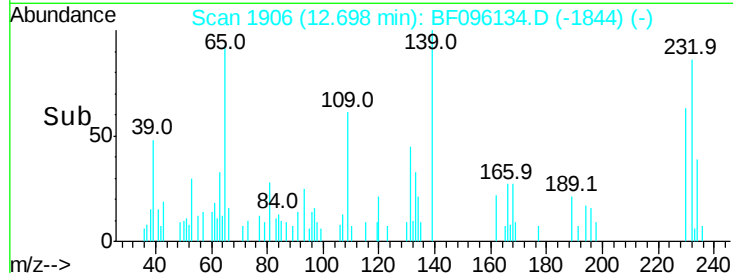
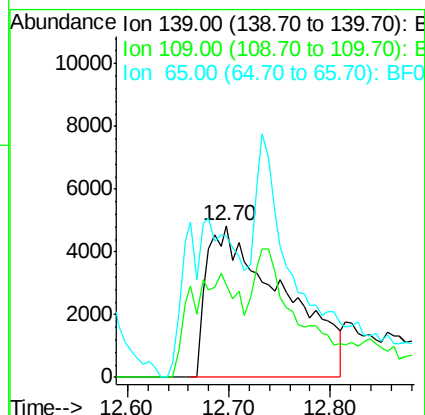
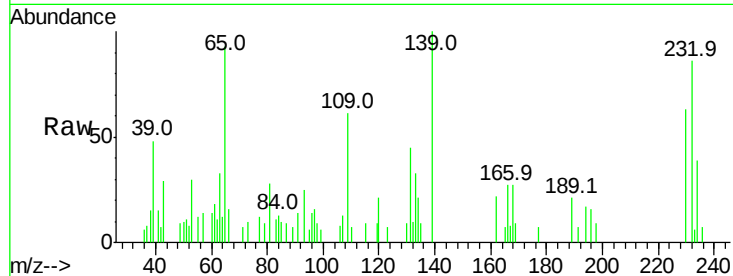




#55
4-Nitrophenol
Concen: 18.93 ng
RT: 12.70 min Scan# 1906
Delta R.T. 0.06 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

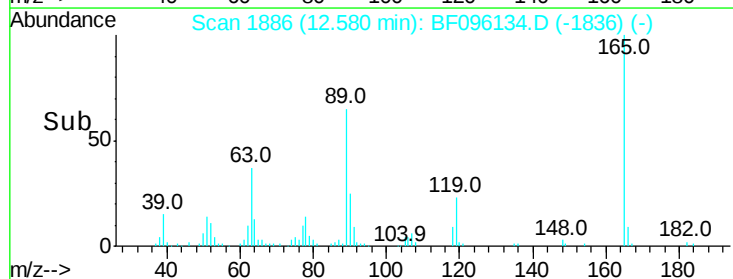
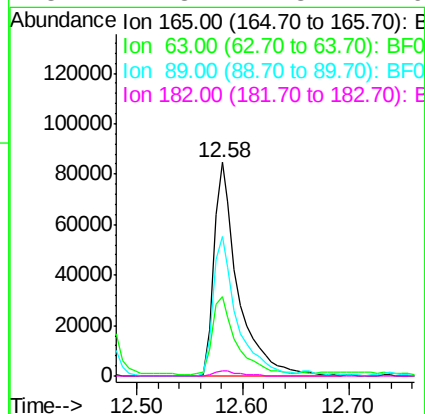
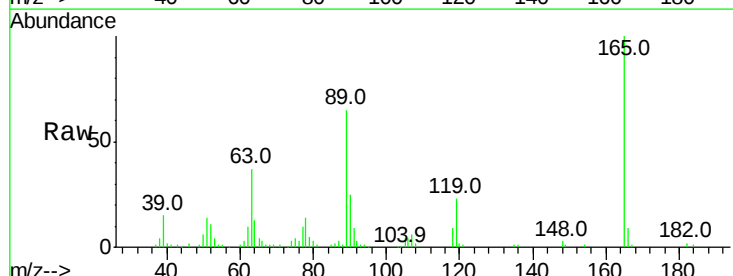
Instrument :
BNA_F
ClientSampled :

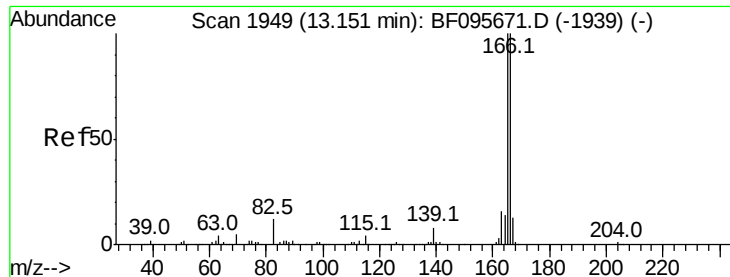
Tot Ion:139 Resp: 25191
Ion Ratio Lower Upper
139 100
109 61.2 34.1 74.1
65 93.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.20 ng
RT: 12.58 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:165 Resp: 135705
Ion Ratio Lower Upper
165 100
63 37.4 25.4 38.0
89 65.1 46.4 69.6
182 2.3 1.8 2.6





#57

Fluorene

Concen: 42.53 ng

RT: 13.03 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

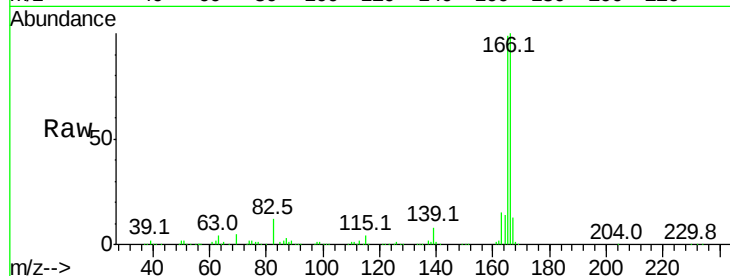
Tot Ion:166 Resp: 487795

Ion Ratio Lower Upper

166 100

165 99.4 78.8 118.2

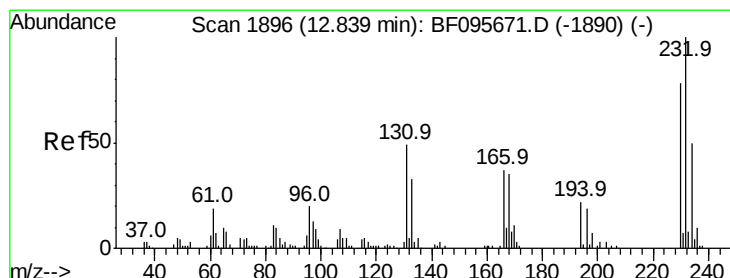
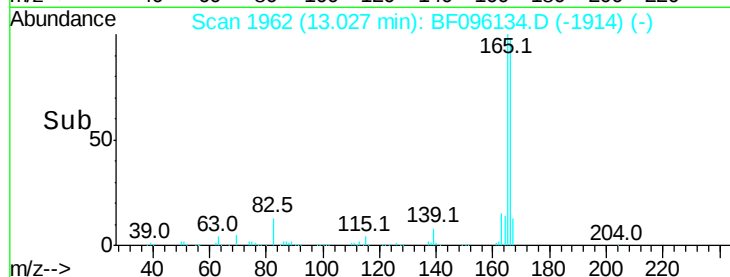
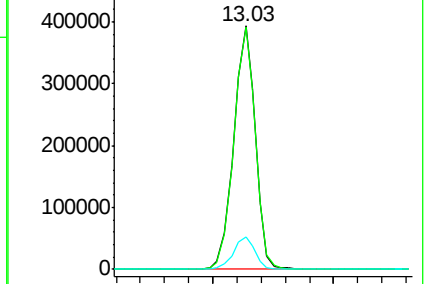
167 13.5 10.6 16.0



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: 31.10 ng

RT: 12.74 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Tgt Ion:232 Resp: 64142

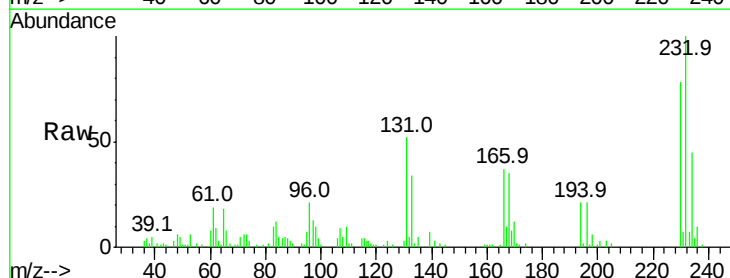
Ion Ratio Lower Upper

232 100

131 51.6 44.8 67.2

130 2.9 2.3 3.5

166 35.1 29.0 43.4

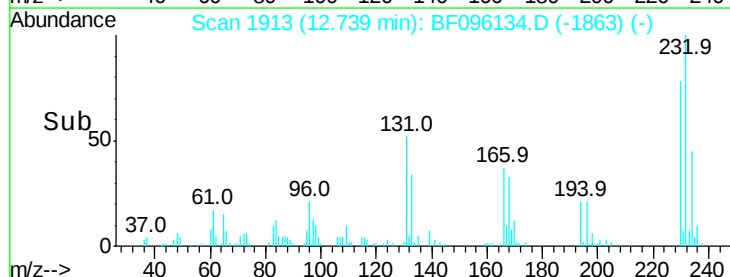
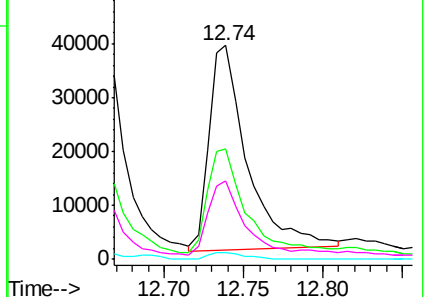


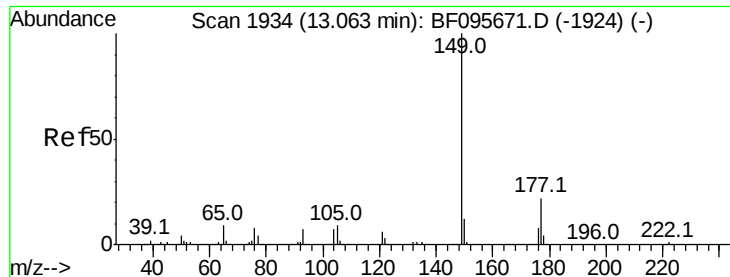
Abundance Ion 232.00 (231.70 to 232.70): E

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

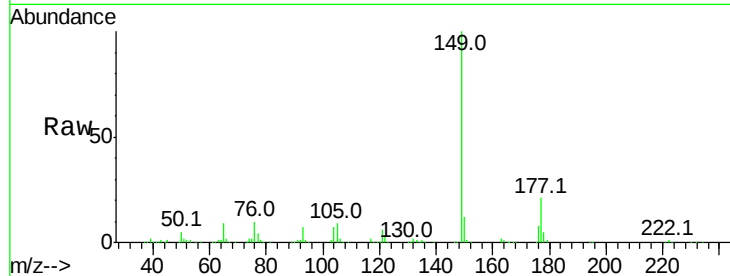




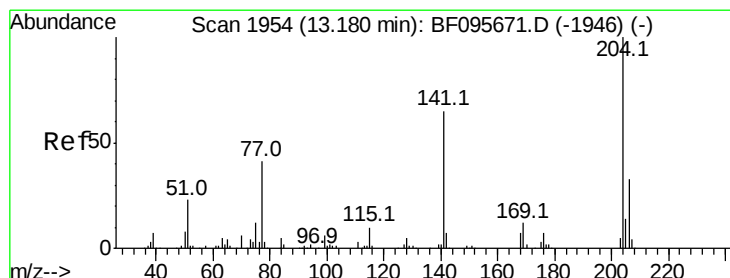
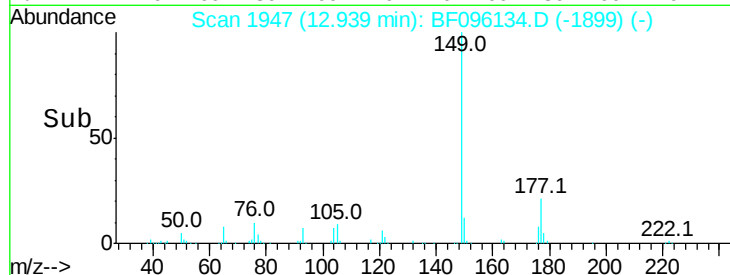
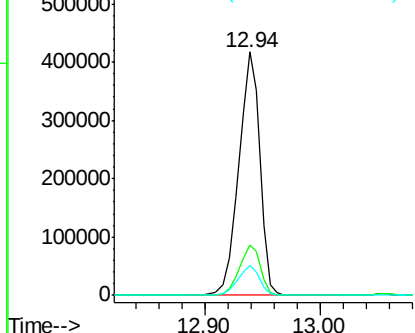
#59
Diethylphthalate
Concen: 48.80 ng
RT: 12.94 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 525108
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.3 10.2 15.2

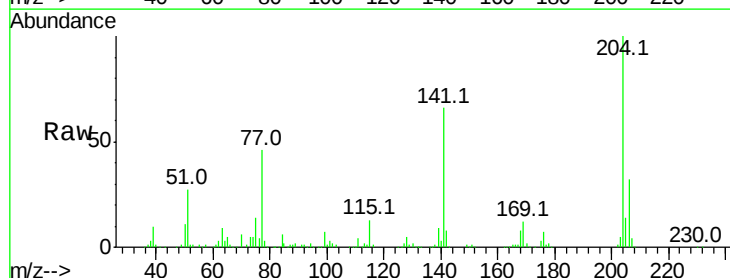


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

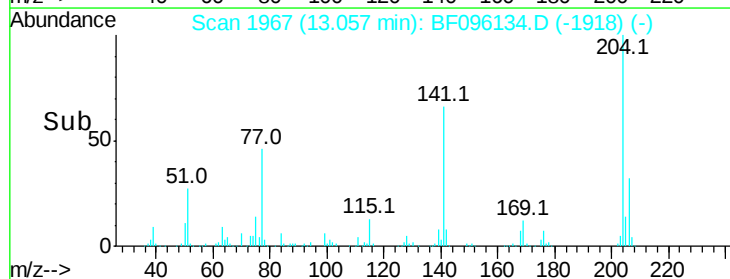
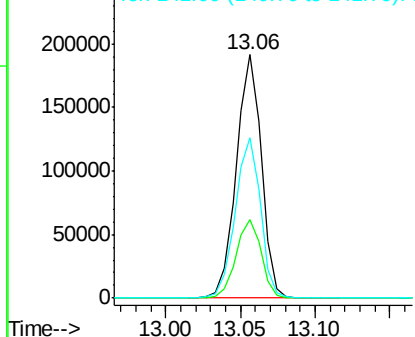


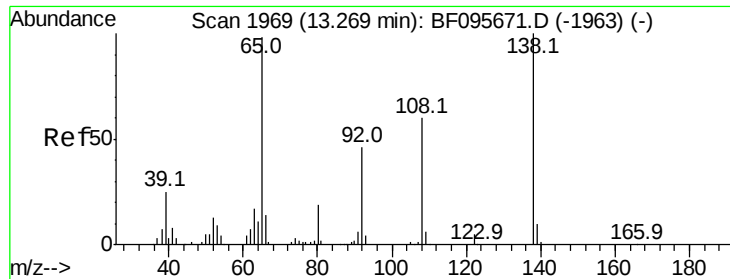
#60
4-Chlorophenyl-phenylether
Concen: 45.08 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:204 Resp: 224866
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 66.1 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

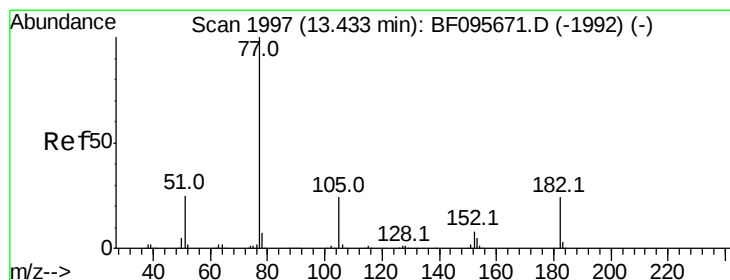
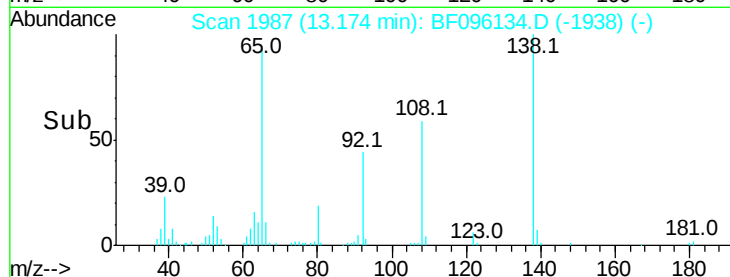
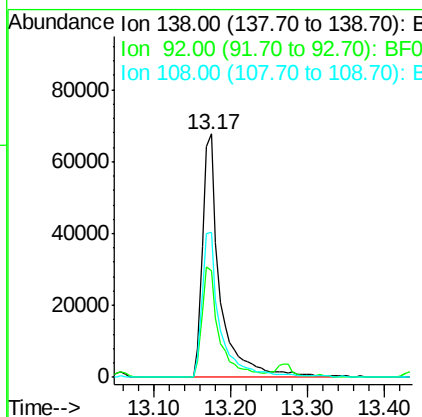
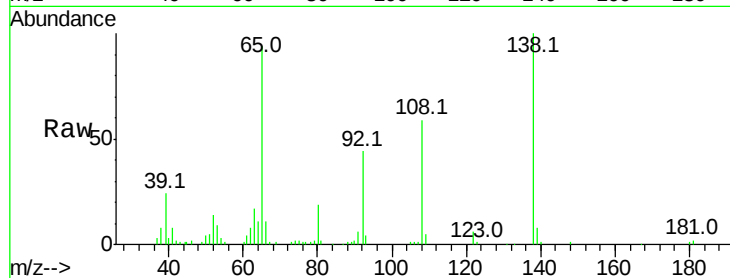




#61
4-Nitroaniline
Concen: 40.78 ng
RT: 13.17 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

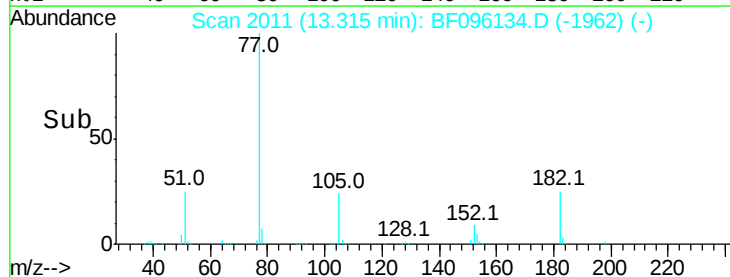
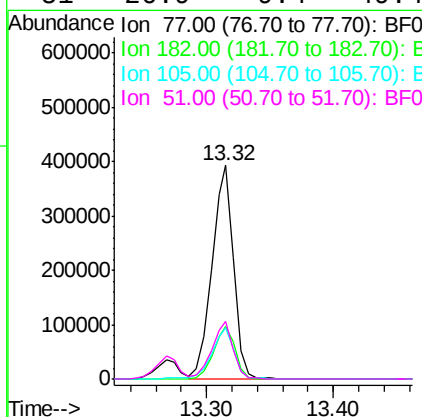
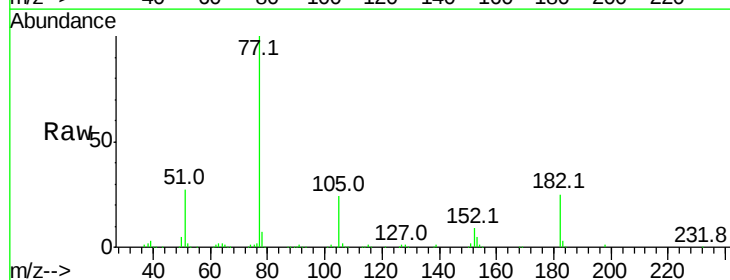
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 108180
Ion Ratio Lower Upper
138 100
92 43.7 21.8 61.8
108 59.4 42.3 82.3



#62
Azobenzene
Concen: 47.88 ng
RT: 13.32 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion: 77 Resp: 466950
Ion Ratio Lower Upper
77 100
182 24.7 0.1 40.1
105 23.9 3.6 43.6
51 26.9 9.4 49.4

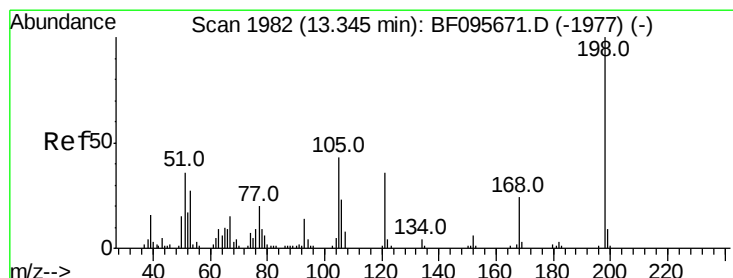
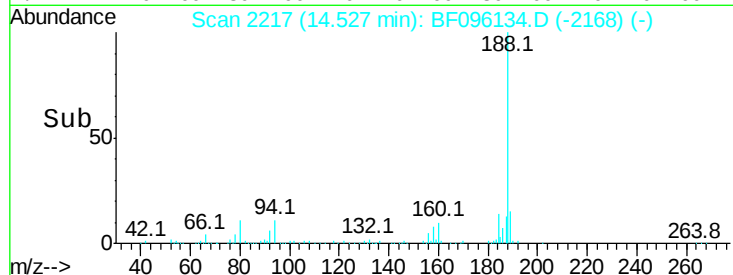
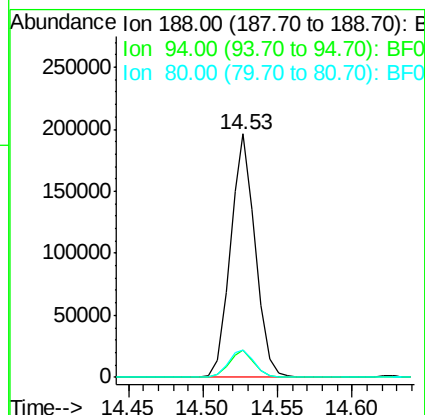
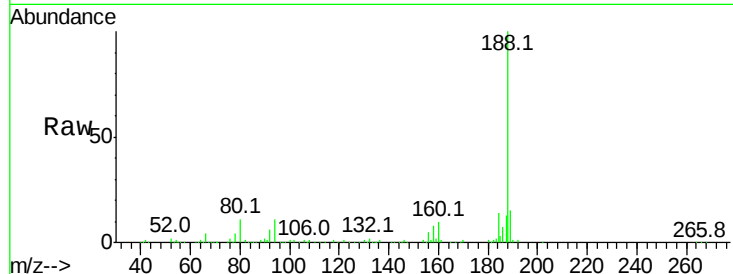




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

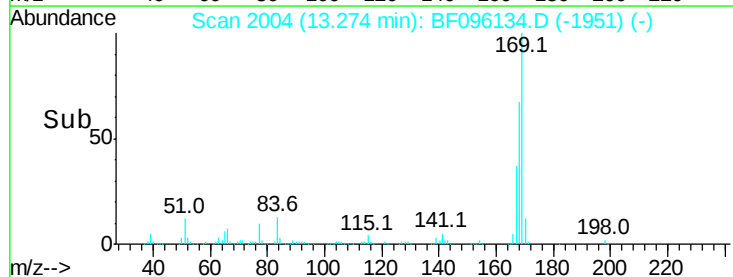
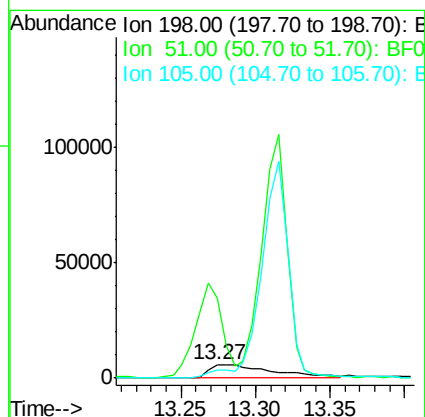
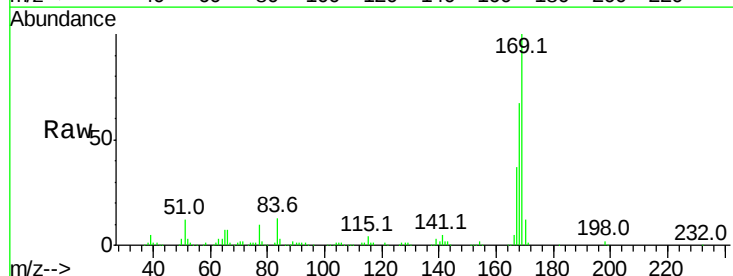
Instrument :
BNA_F
ClientSampled :

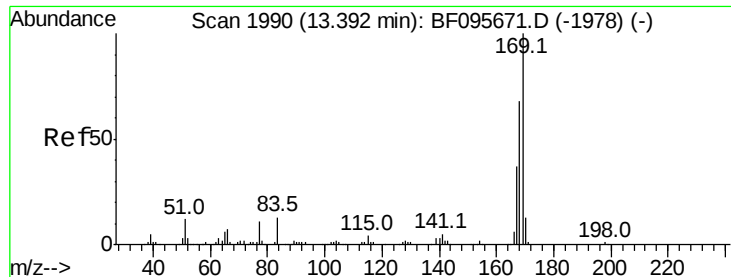
Tot Ion:188 Resp: 227964
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 11.57 ng
RT: 13.27 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:198 Resp: 17335
Ion Ratio Lower Upper
198 100
51 589.9 53.2 93.2#
105 58.0 45.8 85.8

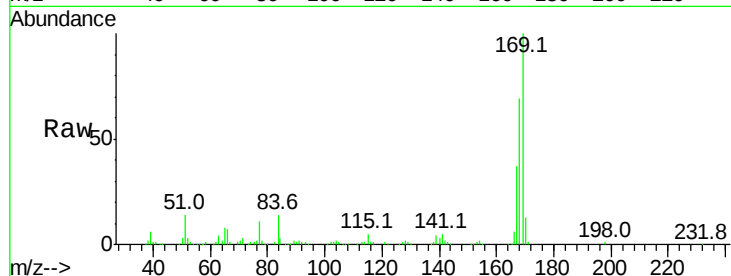




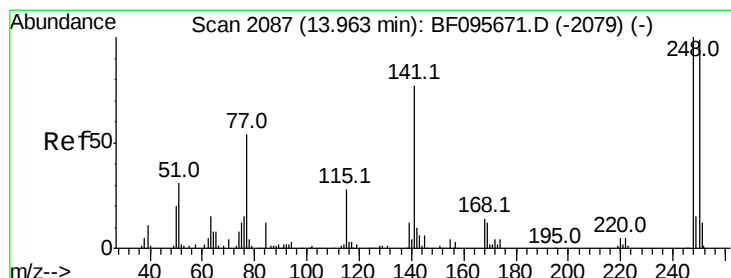
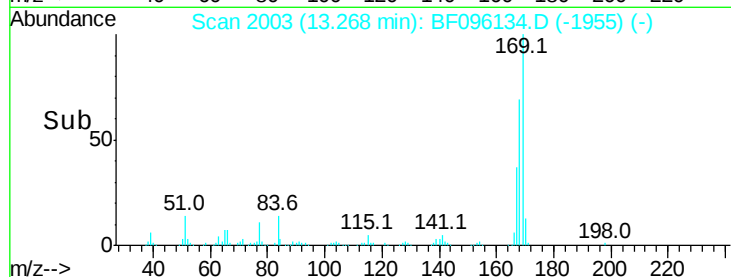
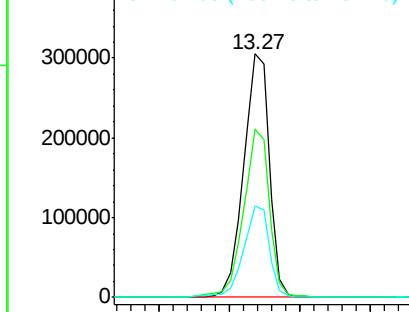
#65
 n-Nitrosodiphenylamine
 Concen: 47.49 ng
 RT: 13.27 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 389014
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.2 79.8
 167 37.3 29.5 44.3

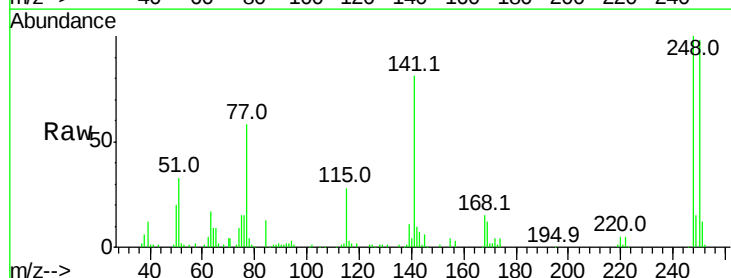


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

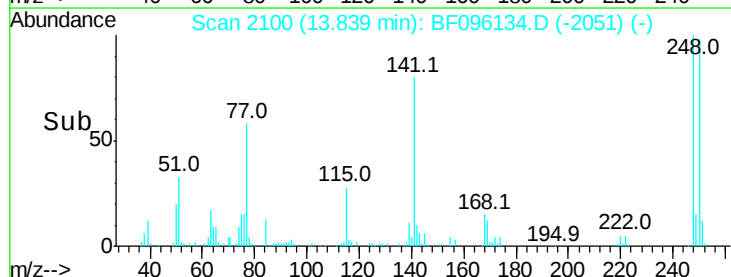
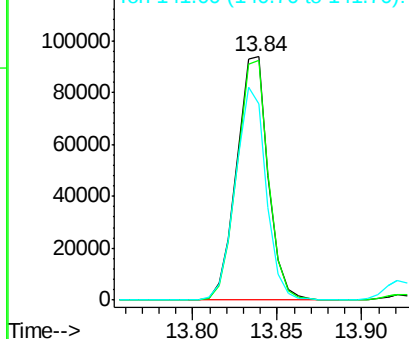


#66
 4-Bromophenyl-phenylether
 Concen: 51.30 ng
 RT: 13.84 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion:248 Resp: 121529
 Ion Ratio Lower Upper
 248 100
 250 98.5 76.8 115.2
 141 80.7 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

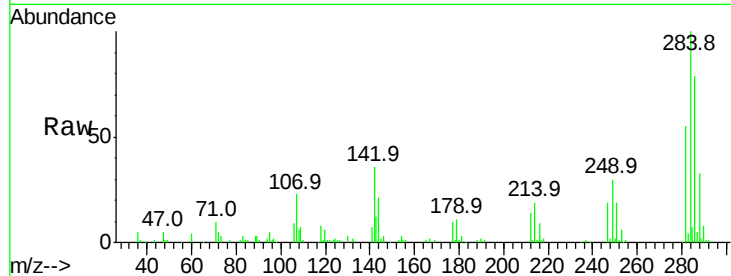




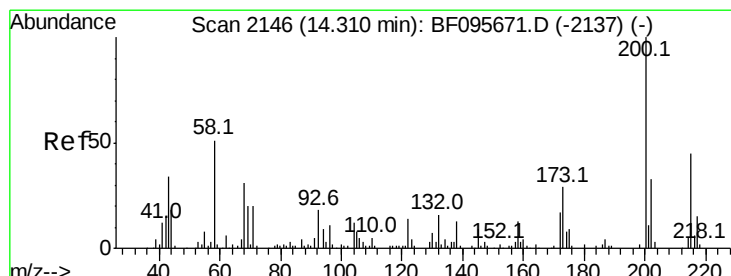
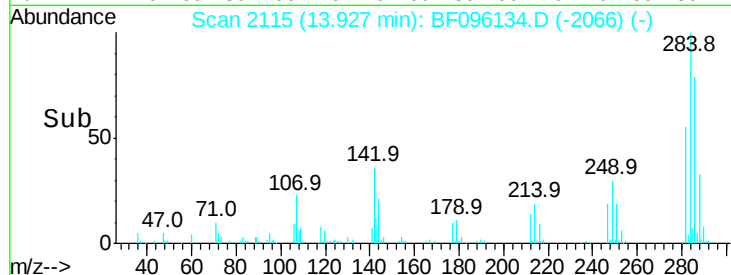
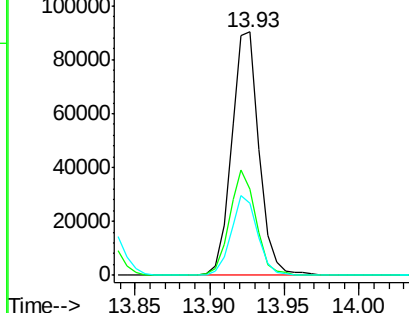
#67
Hexachlorobenzene
Concen: 49.82 ng
RT: 13.93 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 116300
Ion Ratio Lower Upper
284 100
142 35.6 22.8 34.2#
249 29.6 24.0 36.0

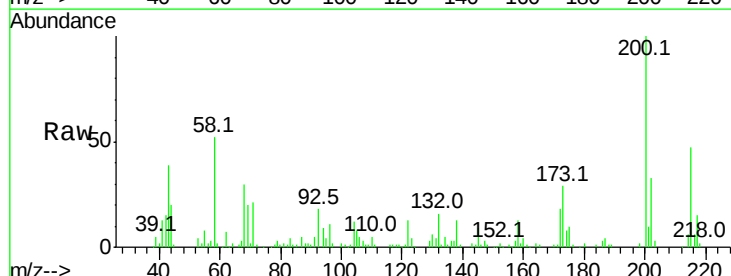


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

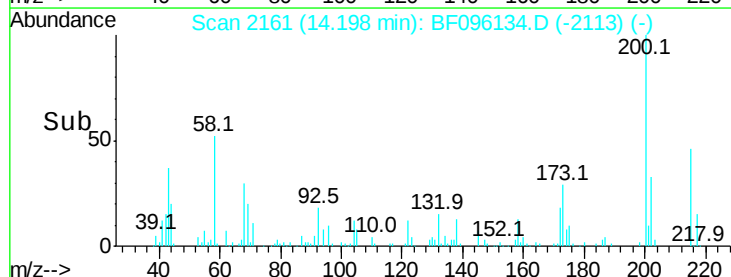
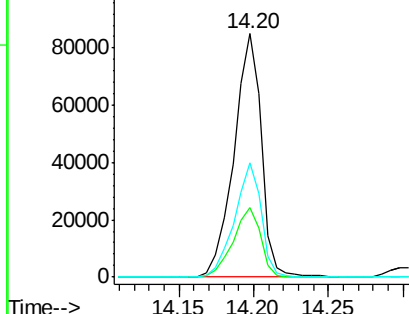


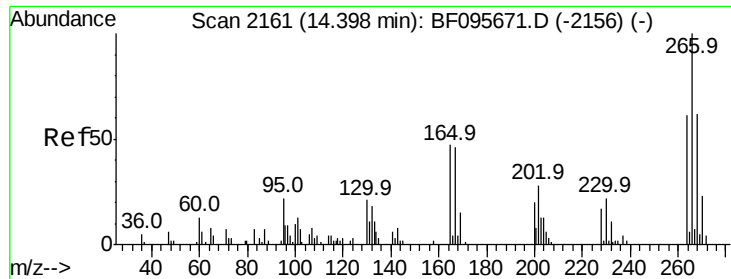
#68
Atrazine
Concen: 47.74 ng
RT: 14.20 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:200 Resp: 108829
Ion Ratio Lower Upper
200 100
173 28.7 6.3 46.3
215 46.8 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

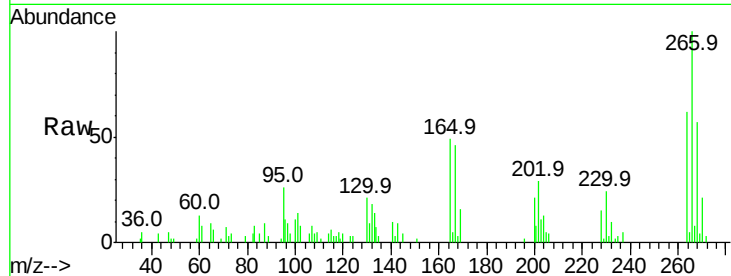




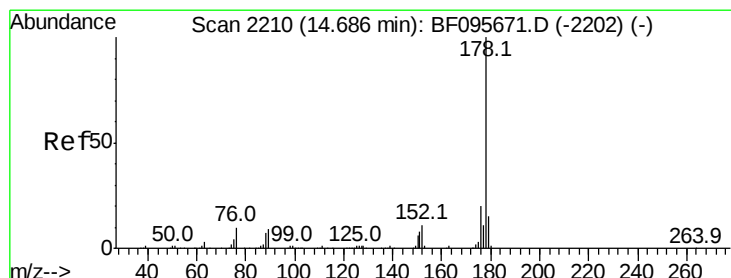
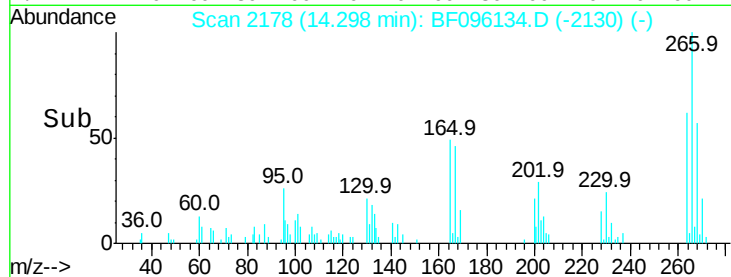
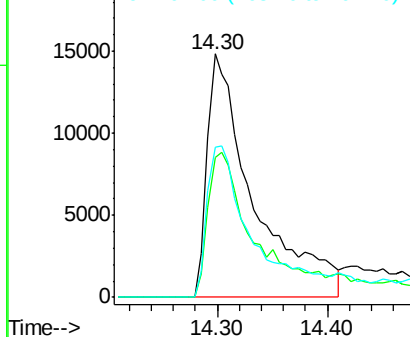
#69
 Pentachlorophenol
 Concen: 51.26 ng
 RT: 14.30 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 43086
 Ion Ratio Lower Upper
 266 100
 268 57.2 51.1 76.7
 264 61.9 51.7 77.5

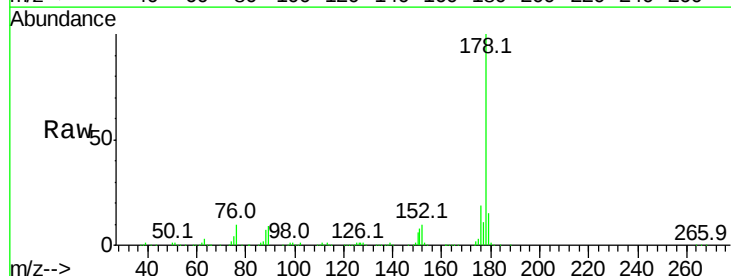


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

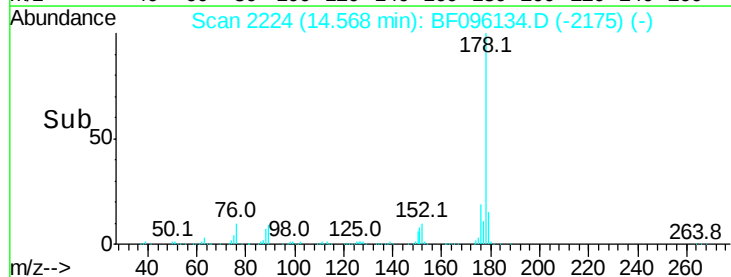
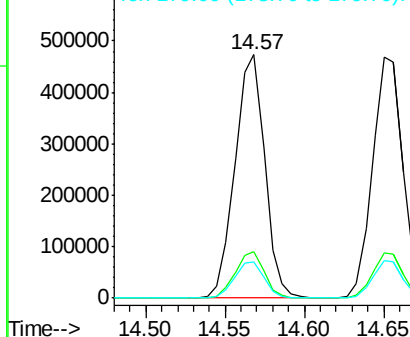


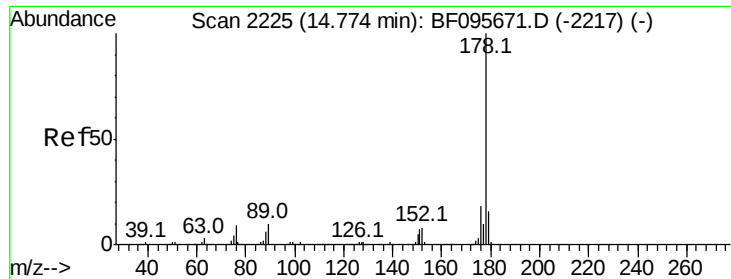
#70
 Phenanthrene
 Concen: 46.97 ng
 RT: 14.57 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion:178 Resp: 617778
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 14.7 12.6 19.0



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

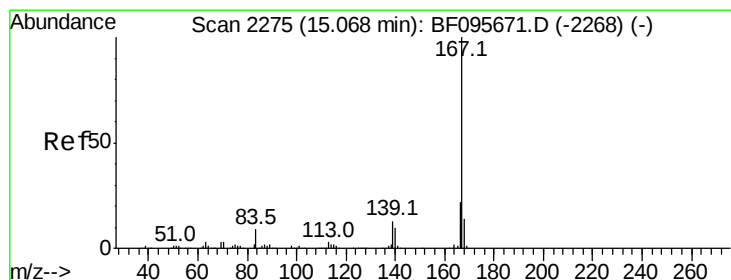
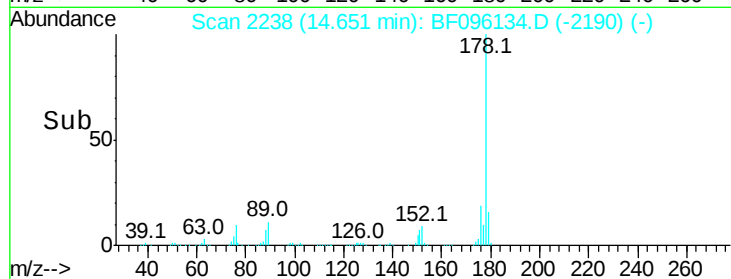
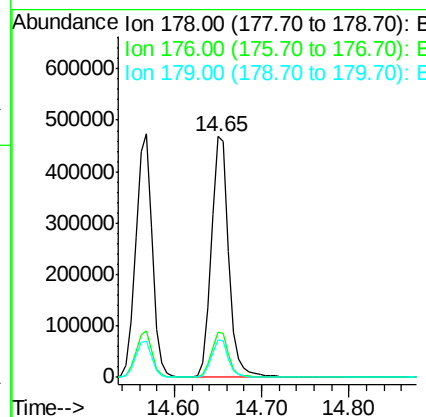
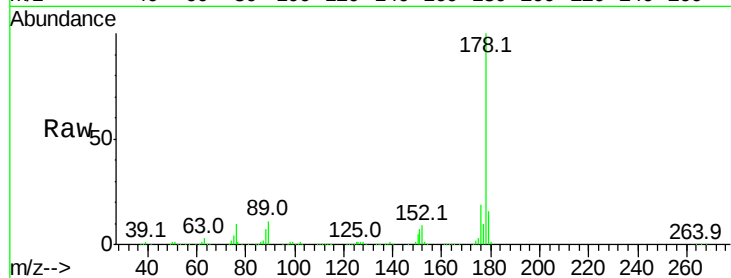




#71
 Anthracene
 Concen: 47.28 ng
 RT: 14.65 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

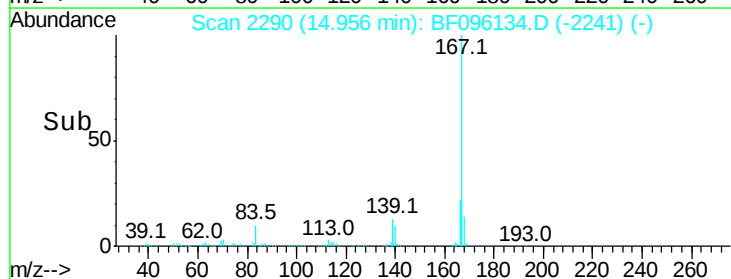
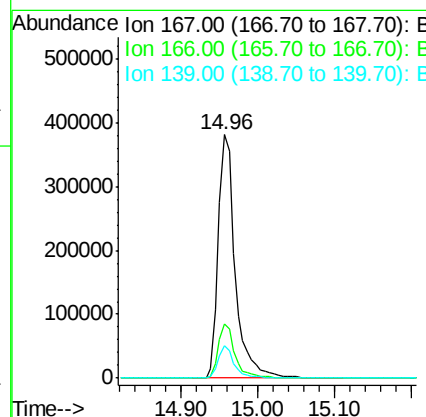
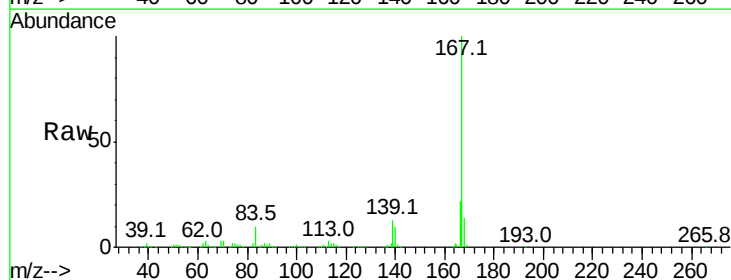
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 649233
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 43.12 ng
 RT: 14.96 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion:167 Resp: 577068
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 54.17 ng

RT: 15.55 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

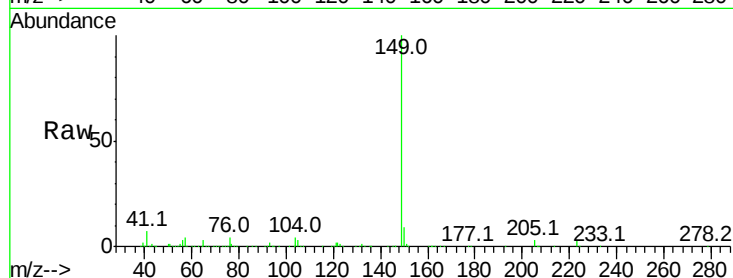
Tot Ion:149 Resp: 771182

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

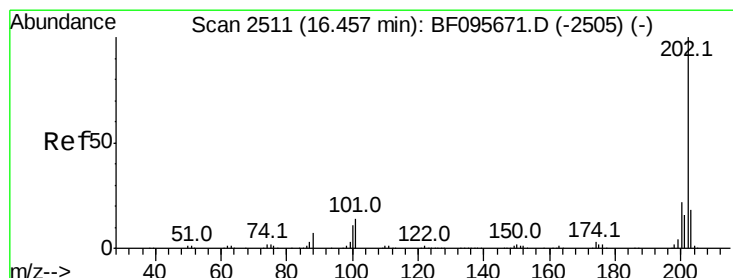
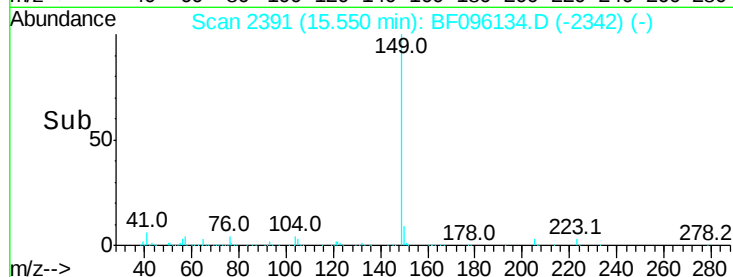
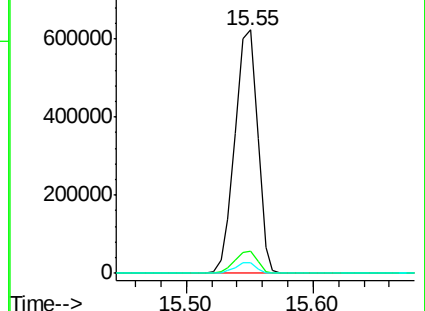
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.77 ng

RT: 16.36 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

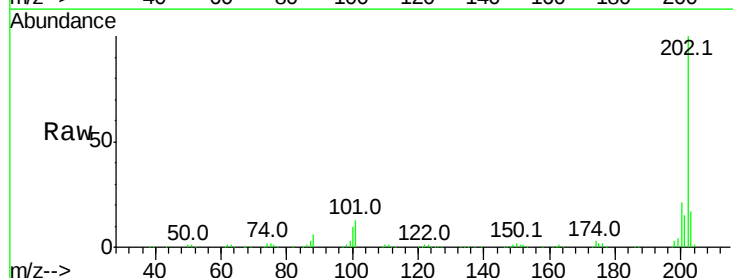
Tgt Ion:202 Resp: 569874

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

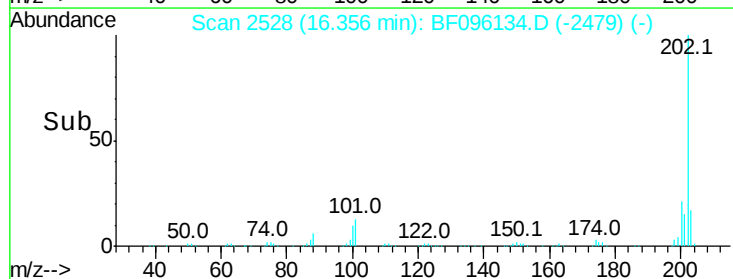
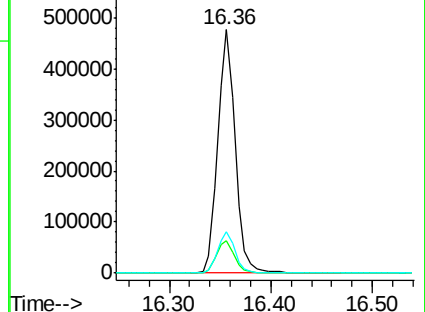
203 17.2 0.0 38.1

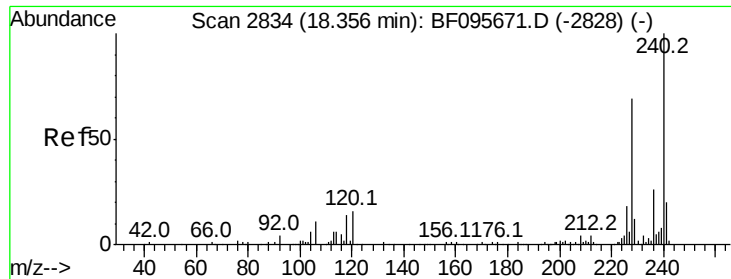


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

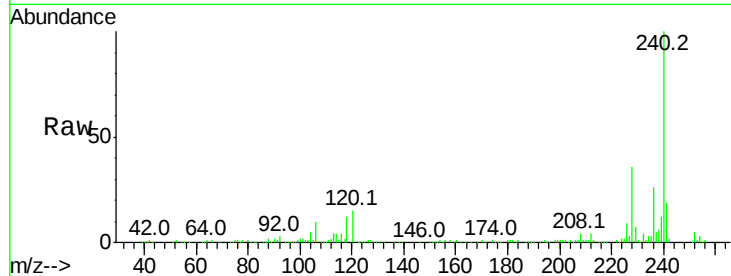
Tot Ion:240 Resp: 162835

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

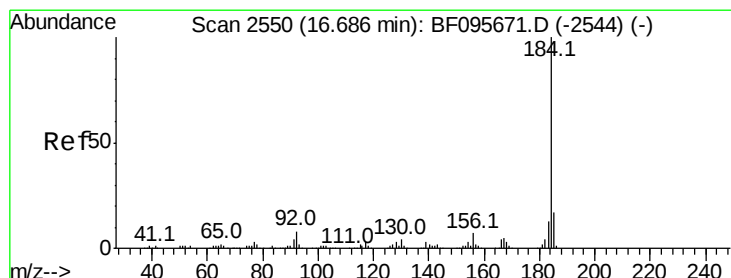
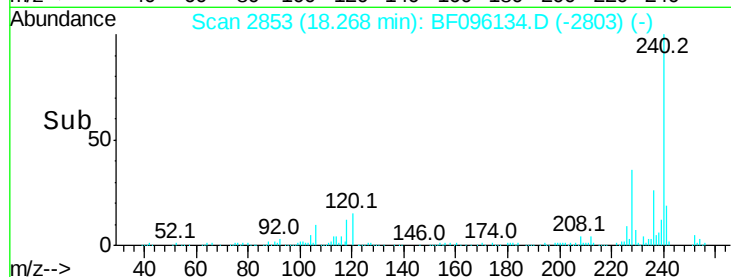
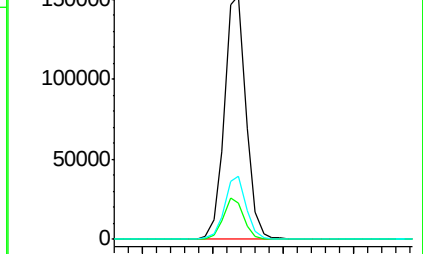
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.17 ng

RT: 16.60 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

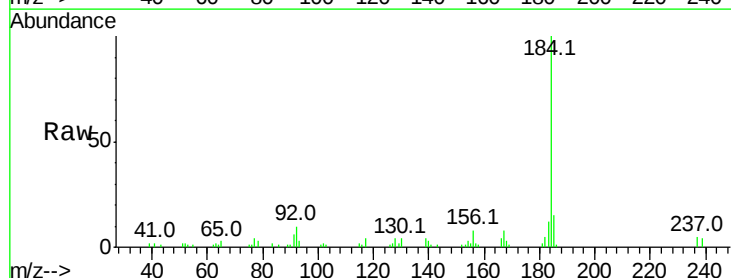
Tgt Ion:184 Resp: 63604

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

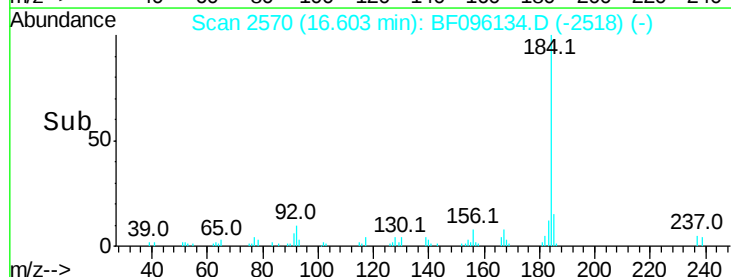
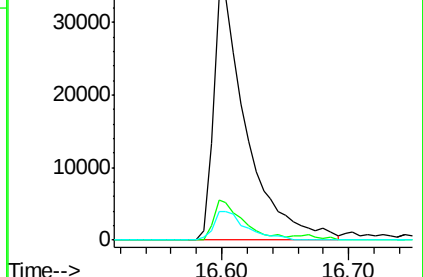
183 12.0 9.8 14.6

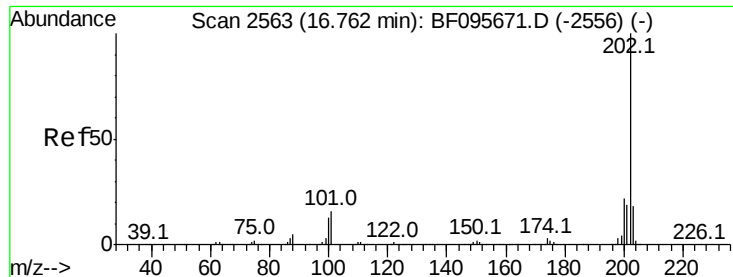


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

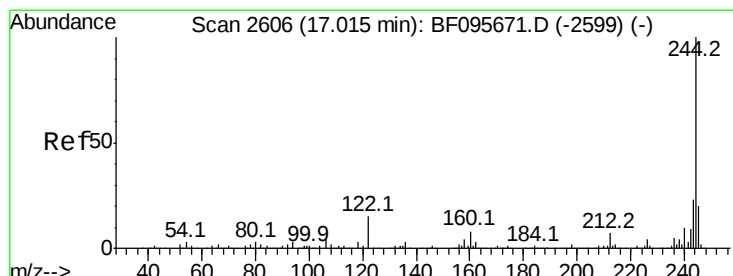
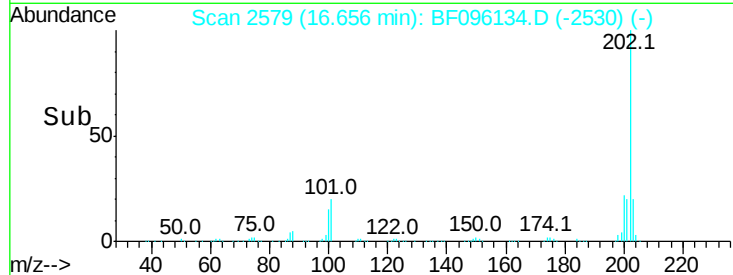
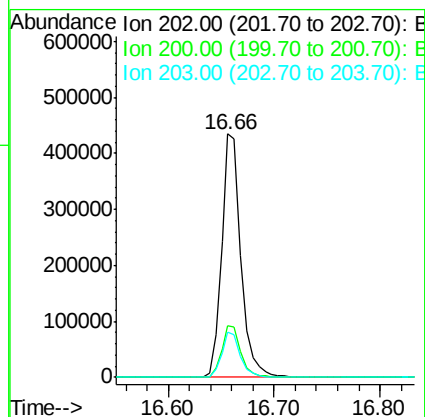
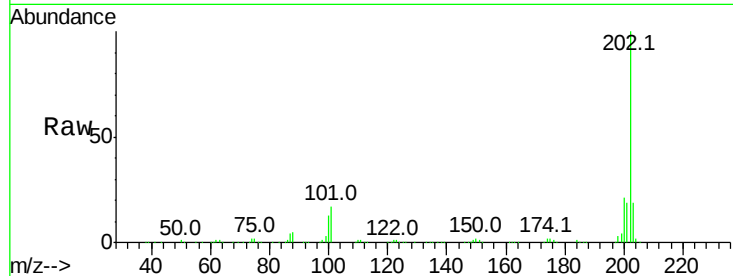




#77
Pvrene
Concen: 45.64 ng
RT: 16.66 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

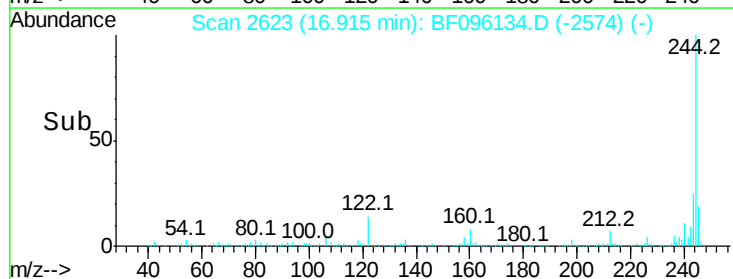
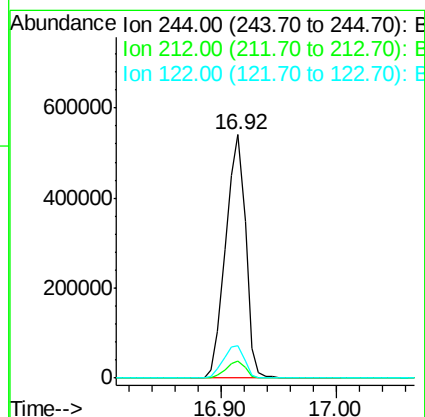
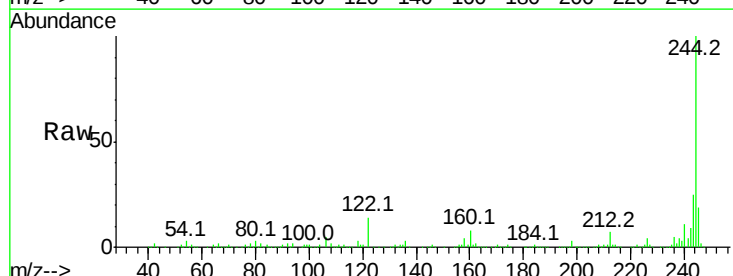
Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 554510
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.6 14.4 21.6



#78
Terphenyl-d14
Concen: 98.95 ng
RT: 16.92 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:244 Resp: 649274
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 13.6 10.3 15.5

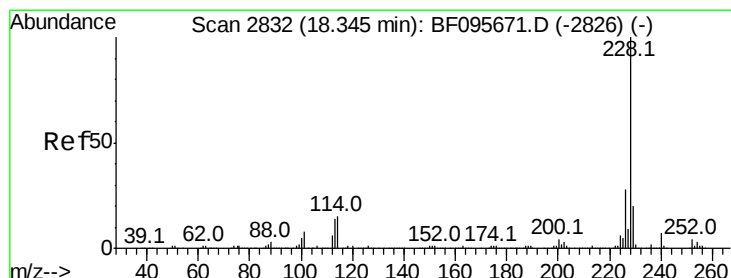
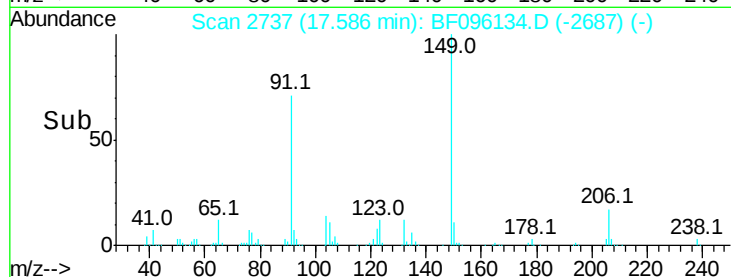
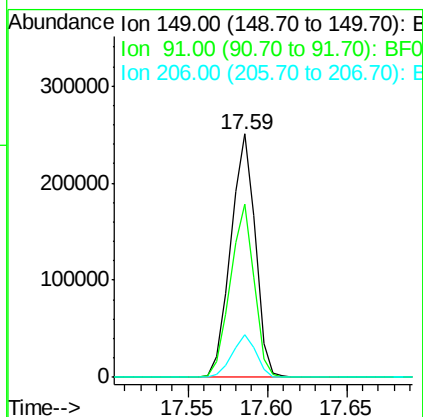
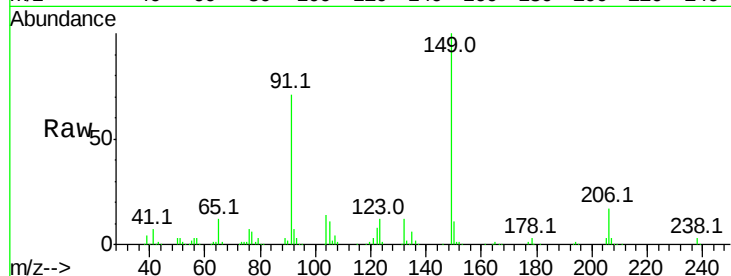




#79
Butylbenzylphthalate
Concen: 50.52 ng
RT: 17.59 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

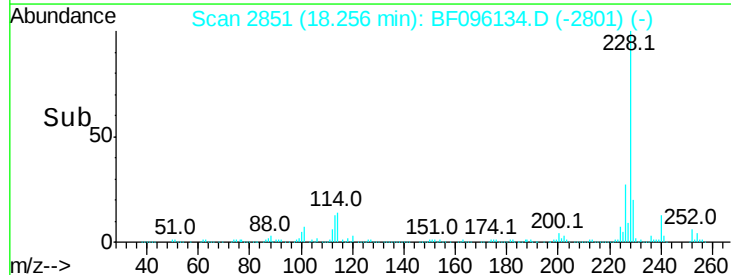
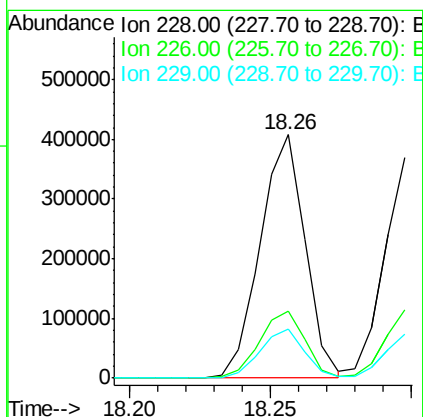
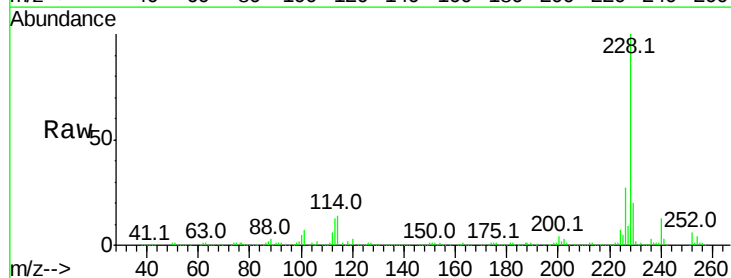
Instrument :
BNA_F
ClientSampleId :

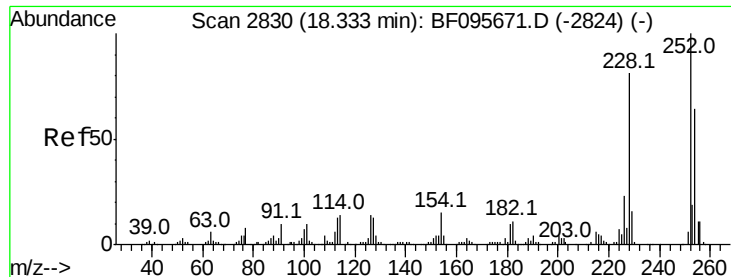
Tot Ion:149 Resp: 268079
Ion Ratio Lower Upper
149 100
91 71.1 45.0 67.4#
206 17.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 47.55 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096134.D
Acq: 22 Jun 2017 21:42

Tgt Ion:228 Resp: 450203
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.9 16.3 24.5

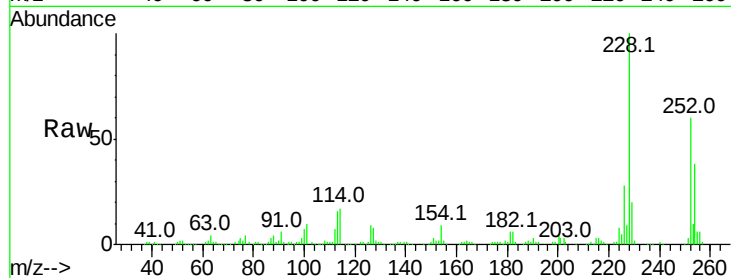




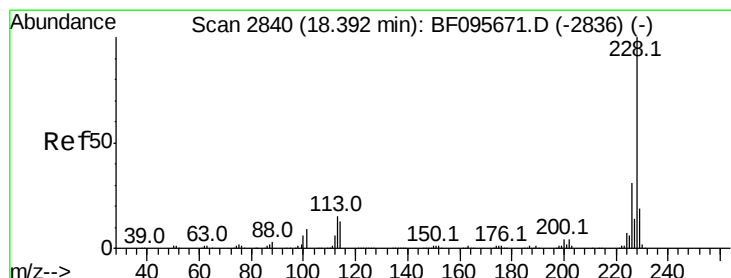
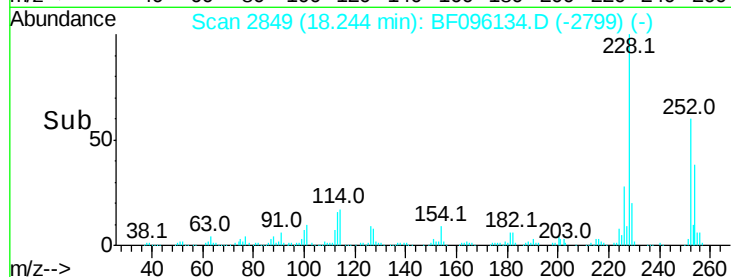
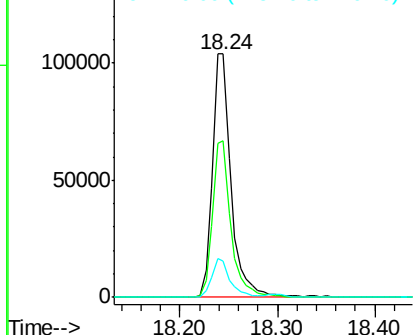
#81
 3,3'-Dichlorobenzidine
 Concen: 40.88 ng
 RT: 18.24 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 137598
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.5 77.3
 126 15.0 15.8 23.8#

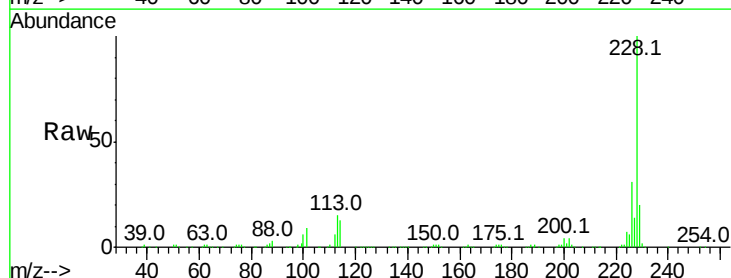


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

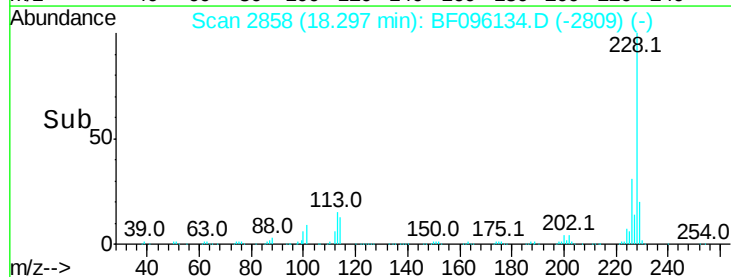
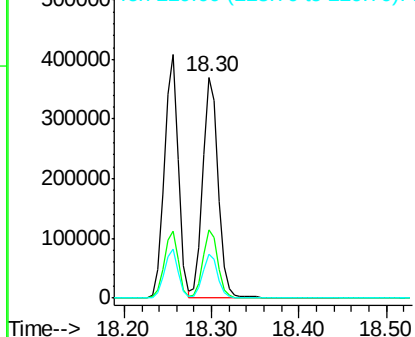


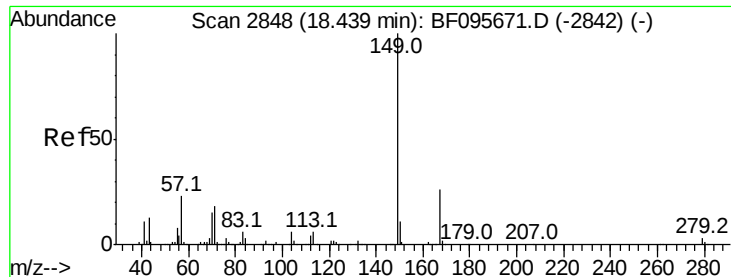
#82
 Chrysene
 Concen: 48.33 ng
 RT: 18.30 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion:228 Resp: 457242
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 19.9 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: 51.55 ng

RT: 18.34 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

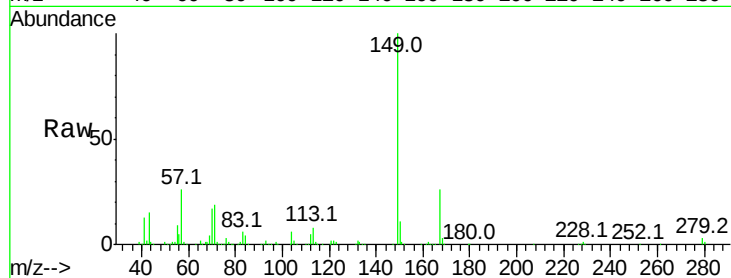
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 385839

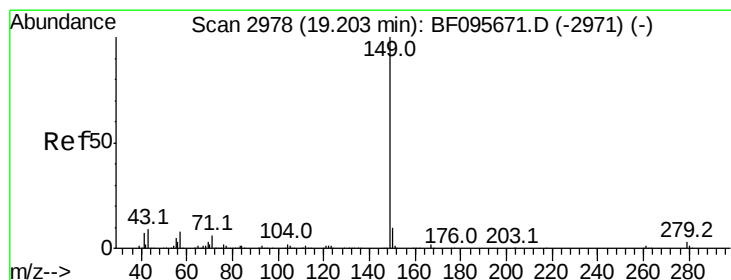
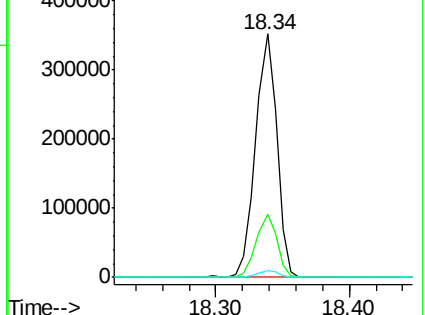
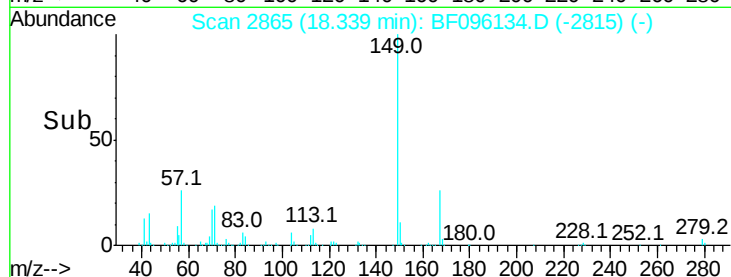
Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	2.9	1.9	2.9



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: 50.60 ng

RT: 19.11 min Scan# 2996

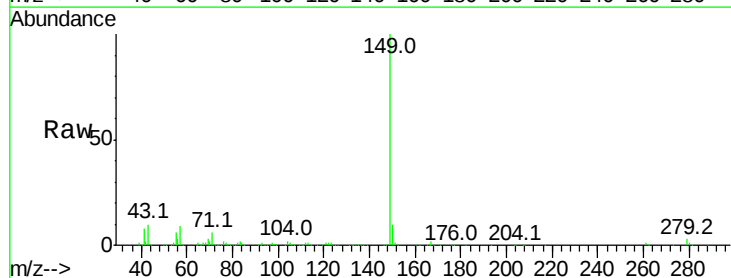
Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Tgt Ion:149 Resp: 624113

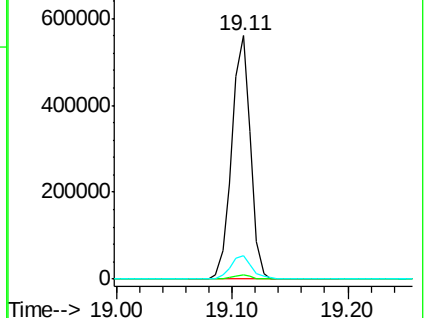
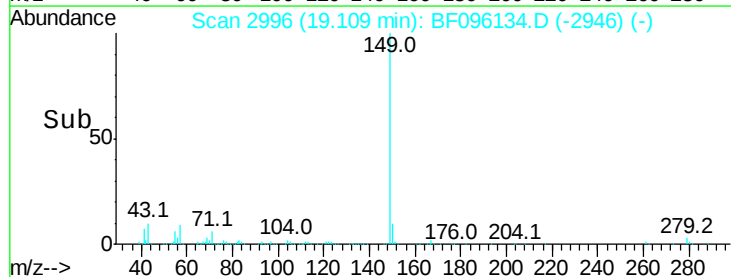
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.1	8.5	12.7



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

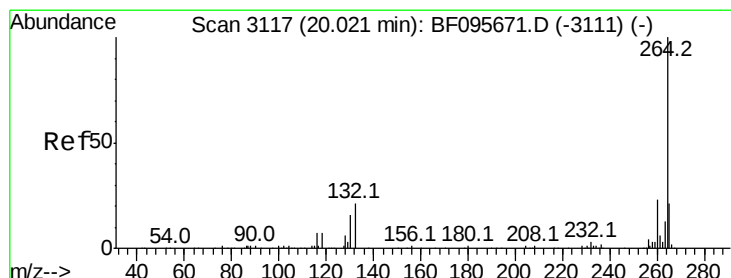
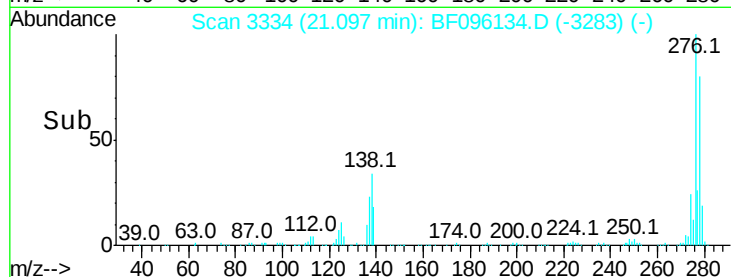
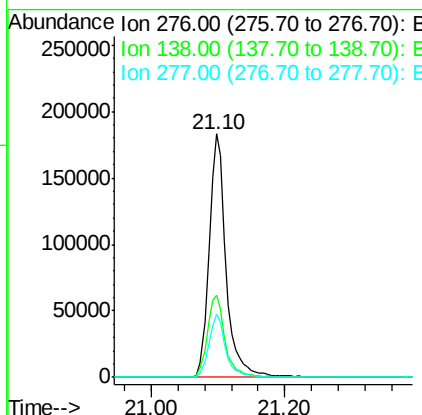
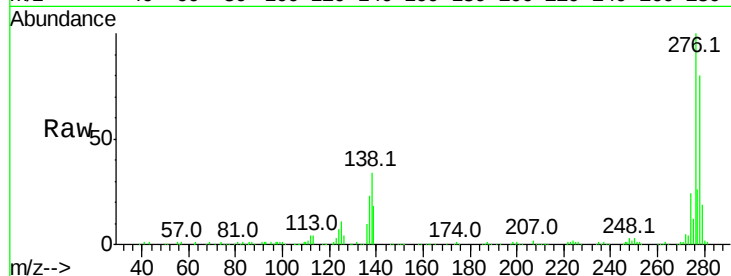




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.23 ng
 RT: 21.10 min Scan# 3334
 Delta R.T. -0.00 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

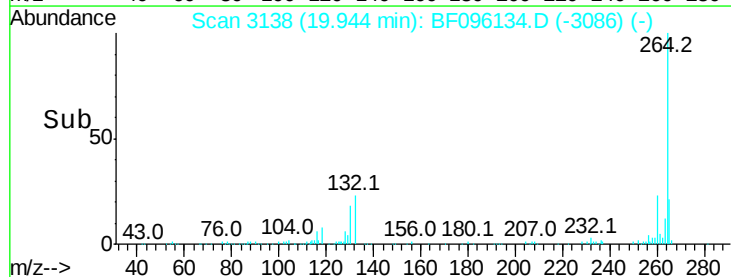
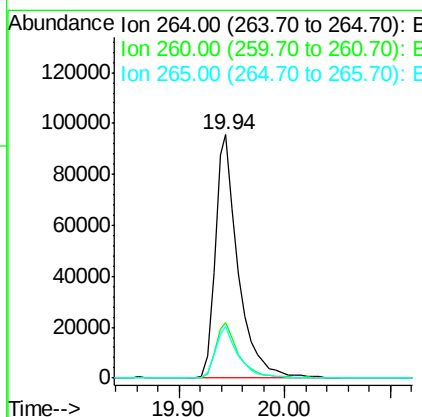
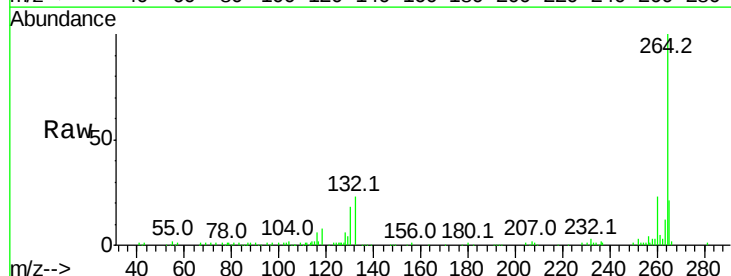
Instrument :
 BNA_F
 ClientSampled :

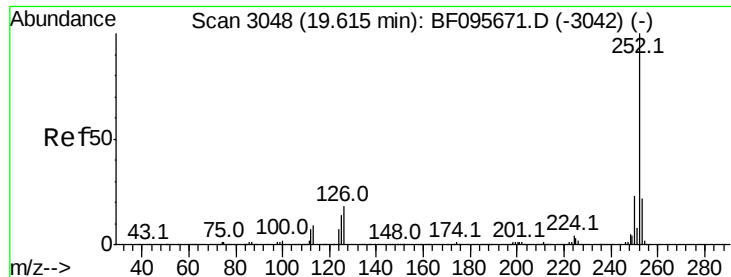
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096134.D
 Acq: 22 Jun 2017 21:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.49 ng

RT: 19.53 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

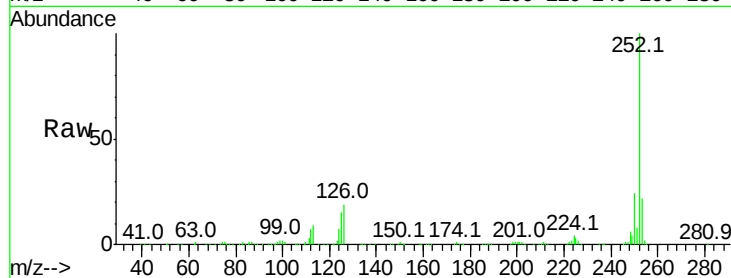
Tot Ion:252 Resp: 366974

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

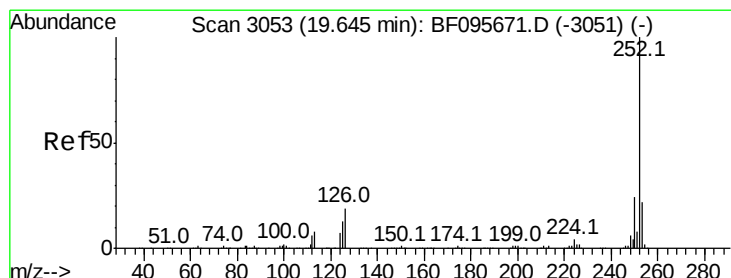
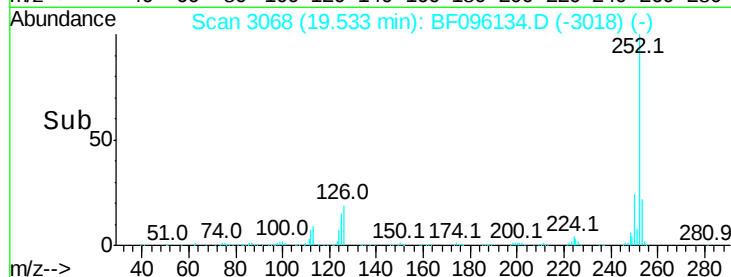
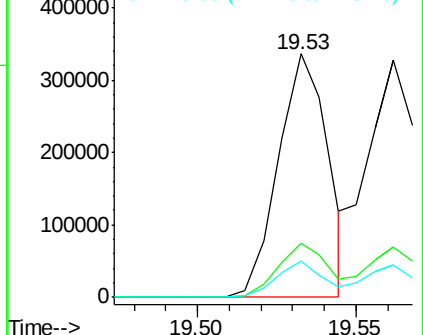
125 14.7 9.8 14.8



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: 46.94 ng

RT: 19.56 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

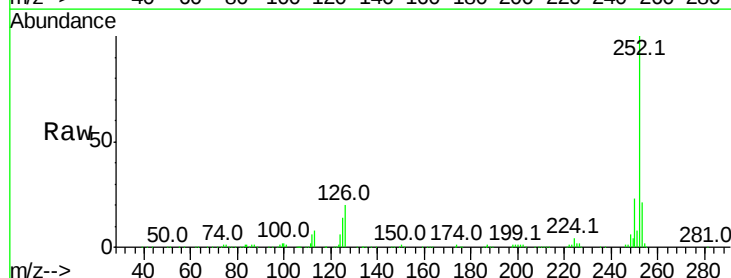
Tgt Ion:252 Resp: 406623

Ion Ratio Lower Upper

252 100

253 21.1 18.4 27.6

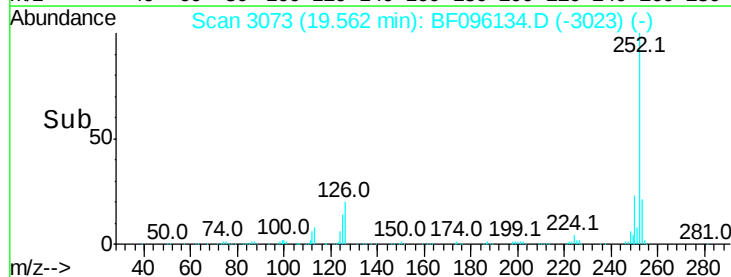
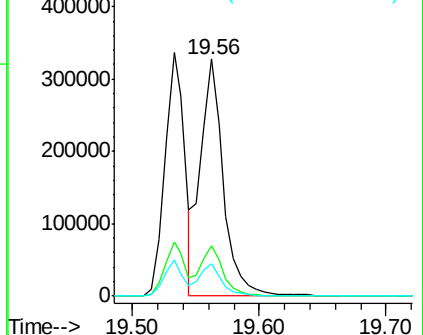
125 13.6 13.1 19.7

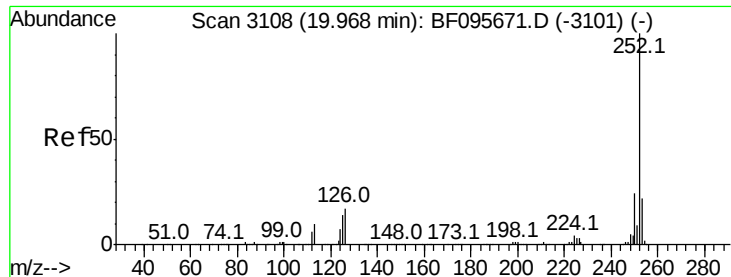


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.76 ng

RT: 19.89 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

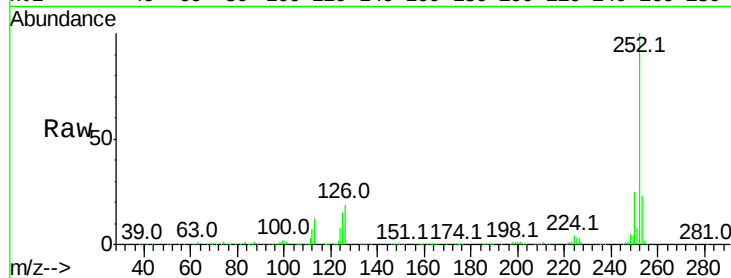
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 389547

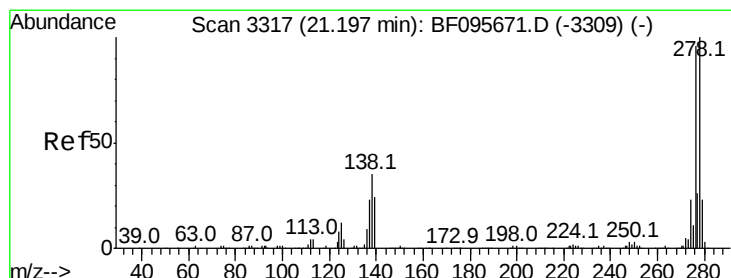
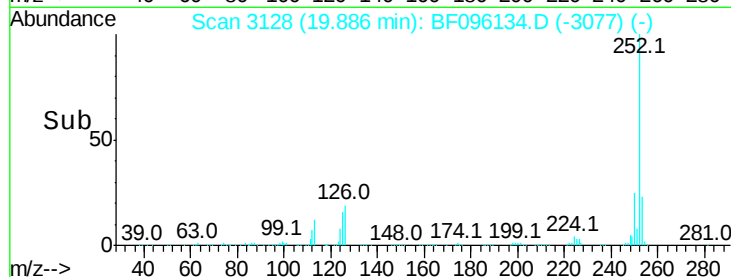
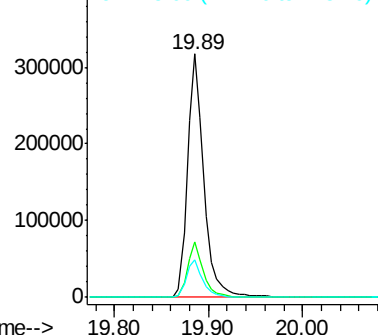
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.3	11.0	16.4



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: 39.49 ng

RT: 21.10 min Scan# 3334

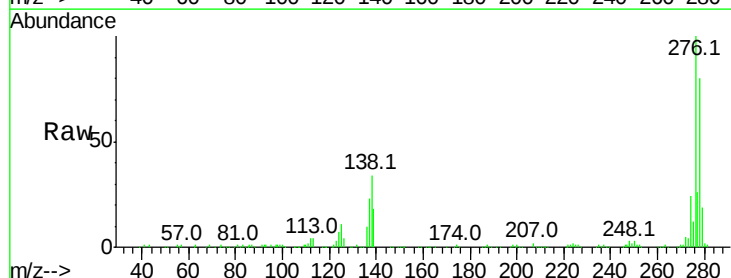
Delta R.T. -0.00 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Tgt Ion:278 Resp: 279050

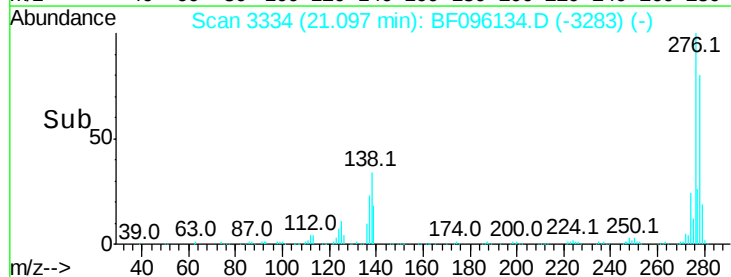
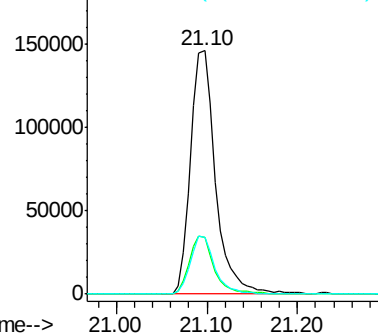
Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.3	19.3	28.9

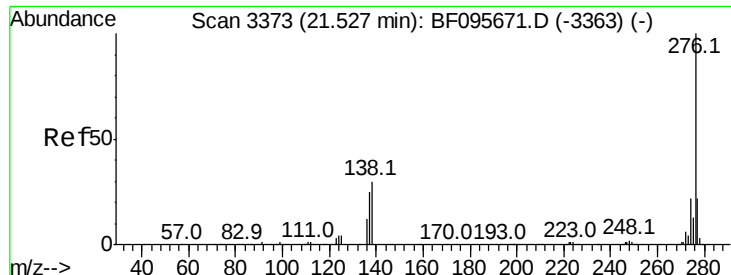


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.27 ng

RT: 21.43 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BF096134.D

Acq: 22 Jun 2017 21:42

Instrument :

BNA_F

ClientSampleId :

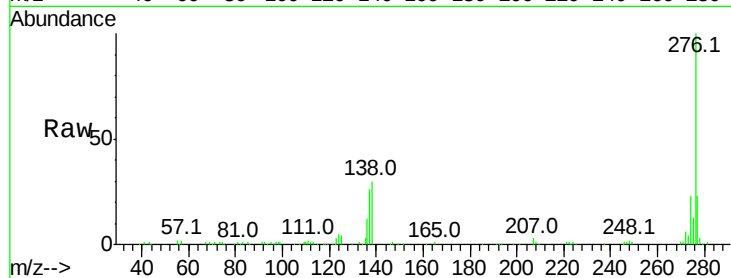
Tot Ion:276 Resp: 268514

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 30.3 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

