

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096061.D
 Acq On : 21 Jun 2017 00:00
 Operator : SJ/MA
 Sample : I3782-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 01:17:25 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	7.29	152	73921	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	289664	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	117712	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	182656	20.00	ng	0.00
75) Chrysene-d12	18.28	240	124986	20.00	ng	0.00
86) Perylene-d12	19.95	264	101036	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	609027	131.28	ng	0.01
7) Phenol-d6	6.89	99	679267	122.31	ng	0.01
23) Nitrobenzene-d5	8.22	82	393258	84.32	ng	0.00
41) 2,4,6-Tribromophenol	13.45	330	110594	106.19	ng	0.00
44) 2-Fluorobiphenyl	11.11	172	614386	72.63	ng	0.00
78) Terphenyl-d14	16.93	244	379160	75.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.66	88	78203	35.44	ng	91
3) Pyridine	2.19	79	203254	39.19	ng	96
4) n-Nitrosodimethylamine	2.17	42	87861	44.56	ng	82
6) Aniline	6.79	93	238291	32.80	ng	94
8) 2-Chlorophenol	6.99	128	217076	44.01	ng	96
9) Benzaldehyde	6.59	77	123769	33.04	ng	93
10) Phenol	6.90	94	268386	46.59	ng	91
11) bis(2-Chloroethyl)ether	6.95	93	200446	43.92	ng	97
12) 1,3-Dichlorobenzene	7.19	146	235827	42.24	ng	98
13) 1,4-Dichlorobenzene	7.32	146	239825	42.36	ng	97
14) 1,2-Dichlorobenzene	7.55	146	223556	42.83	ng	96
15) Benzyl Alcohol	7.61	79	167455	43.93	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.80	45	281906	43.96	ng	95
17) 2-Methylphenol	7.85	107	179832	43.44	ng	94
18) Hexachloroethane	8.07	117	62383	33.36	ng	89
19) n-Nitroso-di-n-propylamine	8.04	70	151662	43.09	ng	94
20) 3+4-Methylphenols	8.12	107	237021	45.11	ng	# 59
22) Acetophenone	7.99	105	304156	44.86	ng	# 83
24) Nitrobenzene	8.25	77	211465	42.44	ng	93
25) Isophorone	8.65	82	372748	42.80	ng	97
26) 2-Nitrophenol	8.76	139	100323	38.45	ng	97
27) 2,4-Dimethylphenol	8.92	122	188075	46.45	ng	98
28) bis(2-Chloroethoxy)methane	9.03	93	251438	43.80	ng	98
29) 2,4-Dichlorophenol	9.21	162	163151	41.84	ng	96
30) 1,2,4-Trichlorobenzene	9.26	180	174044	42.89	ng	99
31) Naphthalene	9.36	128	608011	41.82	ng	99
32) Benzoic acid	9.29	122	58812	25.88	ng	93
33) 4-Chloroaniline	9.52	127	120199	21.15	ng	# 93
34) Hexachlorobutadiene	9.58	225	88762	42.34	ng	94
35) Caprolactam	10.16	113	38222	32.94	ng	87
36) 4-Chloro-3-methylphenol	10.41	107	168937	41.39	ng	89
37) 2-Methylnaphthalene	10.49	142	402692	41.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	155209	44.06	ng	99
40) Hexachlorocyclopentadiene	10.74	237	4100	14.43	ng	97

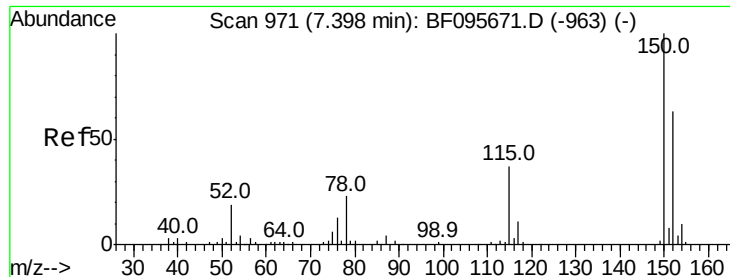
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096061.D
 Acq On : 21 Jun 2017 00:00
 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.01	196	103458	45.68	nq	98
43) 2,4,5-Trichlorophenol	11.11	196	101319	42.05	nq	95
45) 1,1'-Biphenyl	11.26	154	434640	44.80	nq	97
46) 2-Chloronaphthalene	11.27	162	324684	42.83	nq	94
47) 2-Nitroaniline	11.50	65	101310	45.67	nq	# 80
48) Acenaphthylene	11.92	152	566966	43.74	nq	97
49) Dimethylphthalate	11.82	163	527330	59.00	nq	98
50) 2,6-Dinitrotoluene	11.92	165	69067	35.43	nq	# 66
51) Acenaphthene	12.20	154	302048	40.35	nq	99
52) 3-Nitroaniline	12.18	138	89260	39.30	nq	87
53) 2,4-Dinitrophenol	12.44	184	8263	13.35	nq	# 79
54) Dibenzofuran	12.49	168	458271	43.49	nq	98
55) 4-Nitrophenol	12.62	139	81358	62.43	nq	# 82
56) 2,4-Dinitrotoluene	12.59	165	93362	35.46	nq	96
57) Fluorene	13.04	166	367833	40.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.75	232	69585	42.21	nq	# 94
59) Diethylphthalate	12.96	149	381831	44.39	nq	99
60) 4-Chlorophenyl-phenylether	13.07	204	164668	41.30	nq	# 86
61) 4-Nitroaniline	13.18	138	88079	41.53	nq	96
62) Azobenzene	13.33	77	325048	41.70	nq	94
64) 4,6-Dinitro-2-methylphenol	13.29	198	11280	9.40	nq	# 1
65) n-Nitrosodiphenylamine	13.29	169	300672	45.81	nq	98
66) 4-Bromophenyl-phenylether	13.85	248	88556	46.65	nq	98
67) Hexachlorobenzene	13.94	284	82660	44.19	nq	# 89
68) Atrazine	14.21	200	76087	41.65	nq	94
69) Pentachlorophenol	14.31	266	43607	63.01	nq	97
70) Phenanthrene	14.58	178	600113	56.94	nq	98
71) Anthracene	14.67	178	519064	47.18	nq	98
72) Carbazole	14.97	167	432122	40.30	nq	97
73) Di-n-butylphthalate	15.56	149	557593	48.88	nq	98
74) Fluoranthene	16.37	202	677632	64.96	nq	99
76) Benzidine	16.60	184	166884	34.77	nq	# 93
77) Pyrene	16.67	202	691705	74.17	nq	98
79) Butylbenzylphthalate	17.60	149	204788	50.28	nq	# 86
80) Benzo(a)anthracene	18.27	228	440016	60.55	nq	98
81) 3,3'-Dichlorobenzidine	18.25	252	104015	40.26	nq	# 96
82) Chrysene	18.31	228	414070	57.02	nq	98
83) Bis(2-ethylhexyl)phthalate	18.35	149	308971	53.78	nq	# 100
84) Di-n-octyl phthalate	19.12	149	452836	47.83	nq	100
85) Indeno(1,2,3-cd)pyrene	21.11	276	292384	47.06	nq	97
87) Benzo(b)fluoranthene	19.54	252	382840	60.51	nq	99
88) Benzo(k)fluoranthene	19.57	252	307038	50.77	nq	97
89) Benzo(a)pyrene	19.90	252	336786	57.92	nq	99
90) Dibenzo(a,h)anthracene	21.11	278	219667	44.53	nq	96
91) Benzo(g,h,i)perylene	21.44	276	257440	51.19	nq	96

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

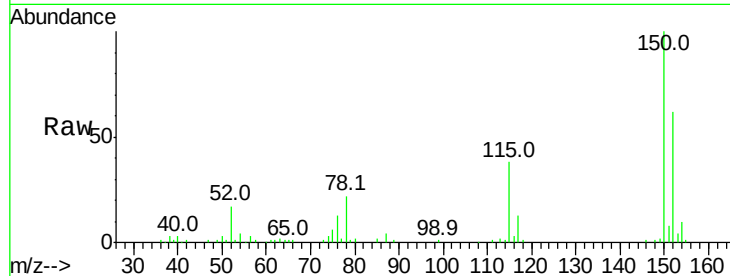


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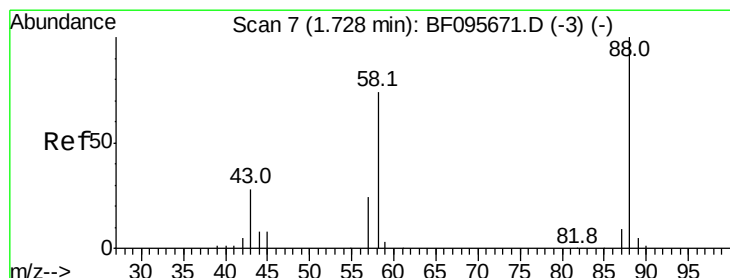
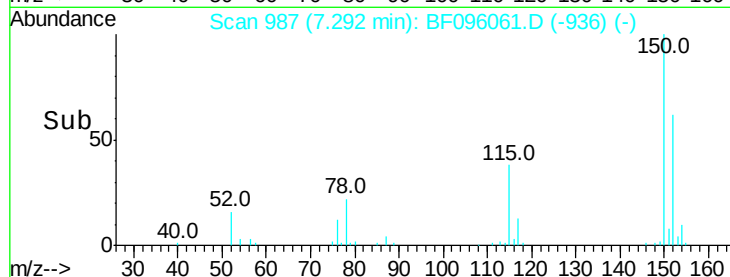
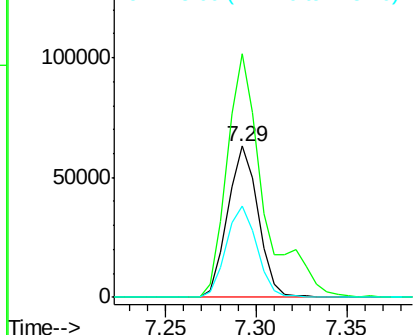
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73921
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 60.6 52.2 78.2



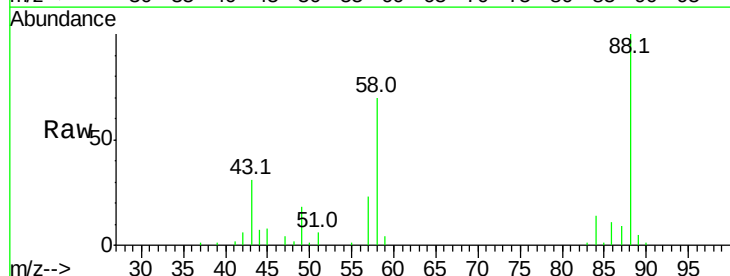
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



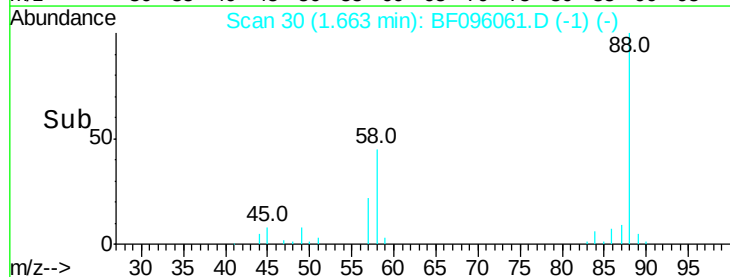
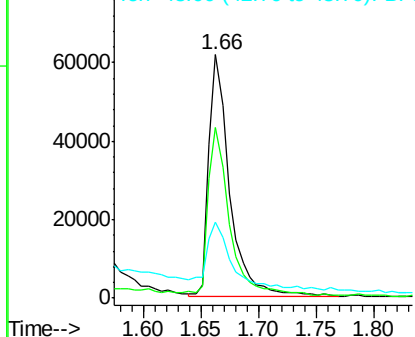
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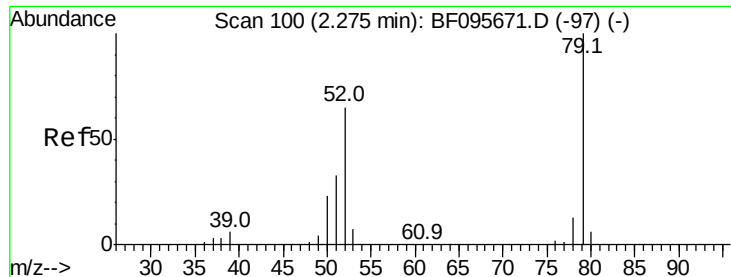
1,4-Dioxane
Concen: 35.44 ng
RT: 1.66 min Scan# 30
Delta R.T. 0.05 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion: 88 Resp: 78203
Ion Ratio Lower Upper
88 100
58 69.6 61.4 92.0
43 34.4 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

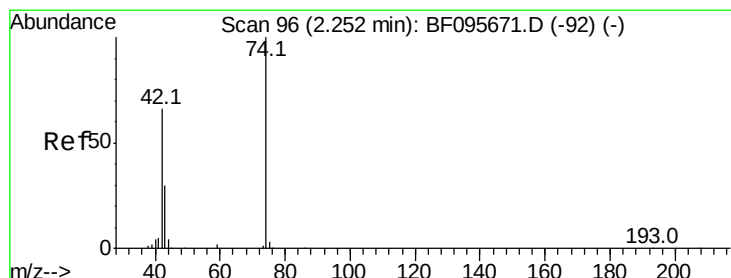
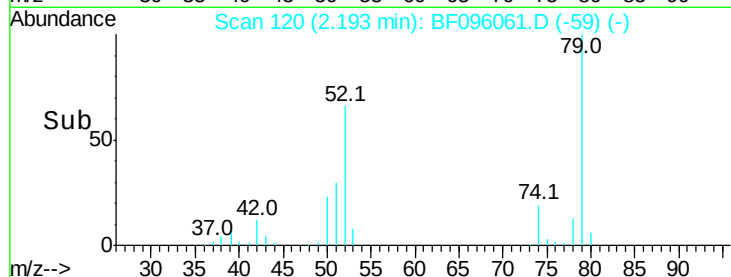
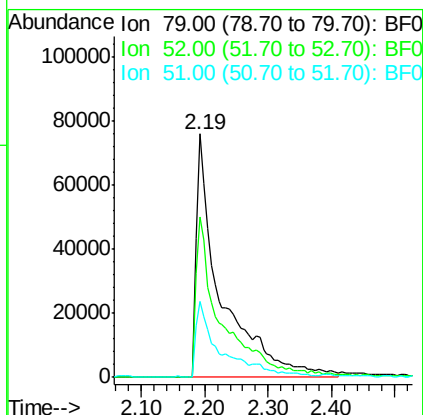
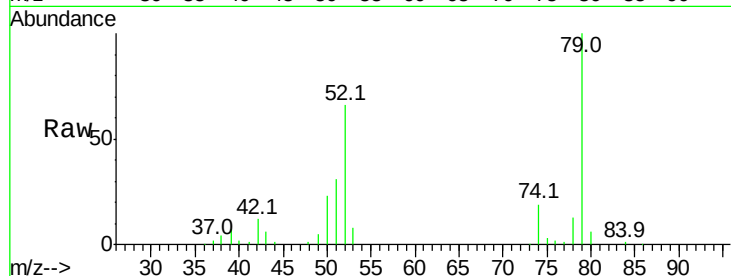




#3
 Pvridine
 Concen: 39.19 ng
 RT: 2.19 min Scan# 120
 Delta R.T. 0.06 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

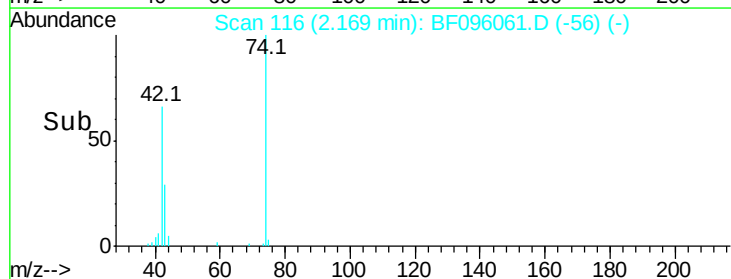
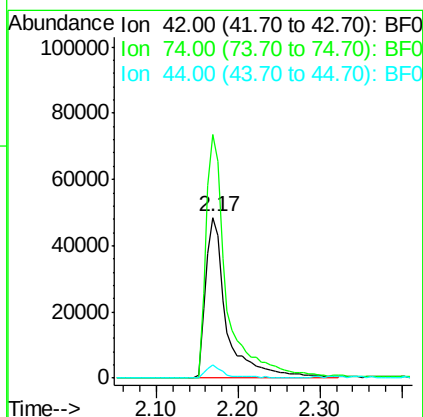
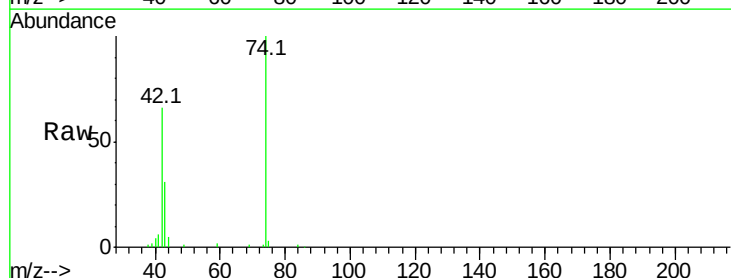
Instrument :
 BNA_F
 ClientSampleId :

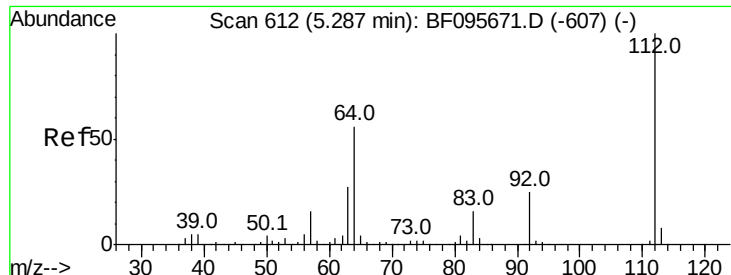
Tot Ion: 79 Resp: 203254
 Ion Ratio Lower Upper
 79 100
 52 65.8 54.8 82.2
 51 31.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 44.56 ng
 RT: 2.17 min Scan# 116
 Delta R.T. 0.05 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion: 42 Resp: 87861
 Ion Ratio Lower Upper
 42 100
 74 151.7 103.9 155.9
 44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 131.28 ng

RT: 5.19 min Scan# 630

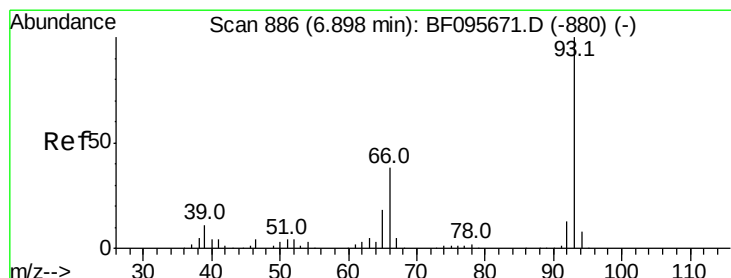
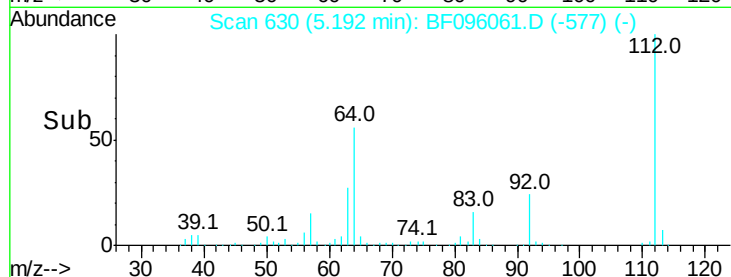
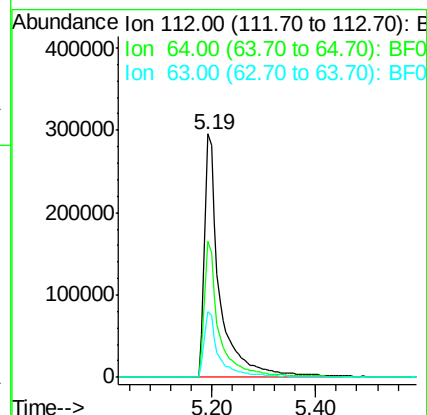
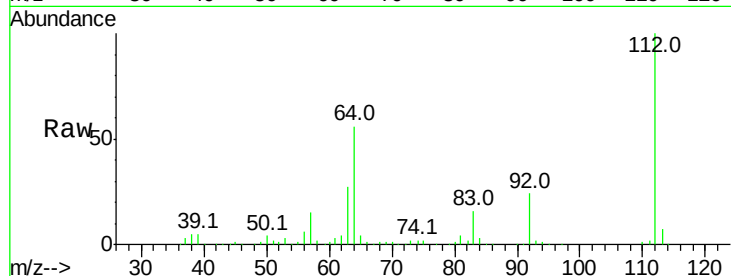
Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	609027
Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.0	69.0
63	26.7	23.4	35.0



#6

Aniline

Concen: 32.80 ng

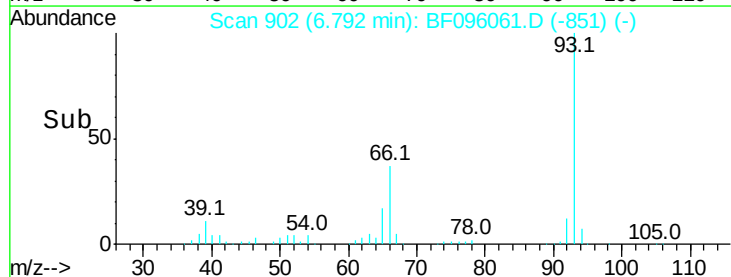
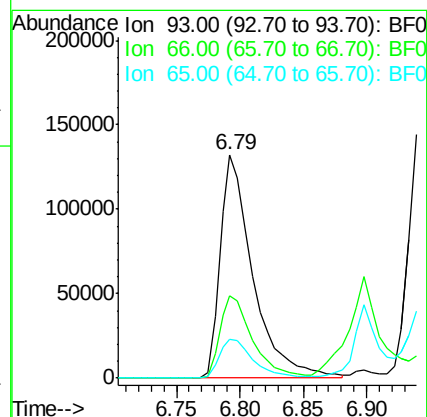
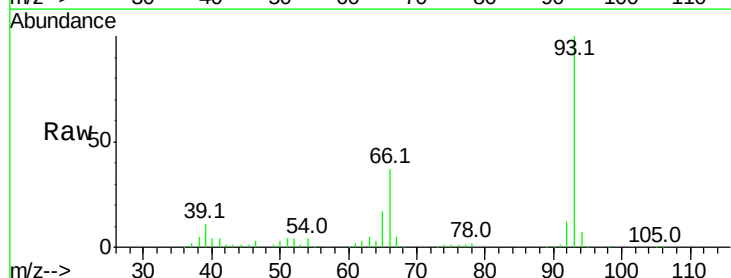
RT: 6.79 min Scan# 902

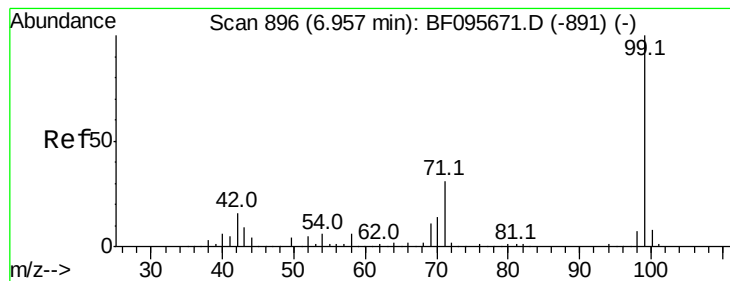
Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Tgt Ion:	93	Resp:	238291
Ion	Ratio	Lower	Upper
93	100		
66	36.8	32.9	49.3
65	17.4	16.0	24.0





#7

Phenol-d6

Concen: 122.31 ng

RT: 6.89 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampled :

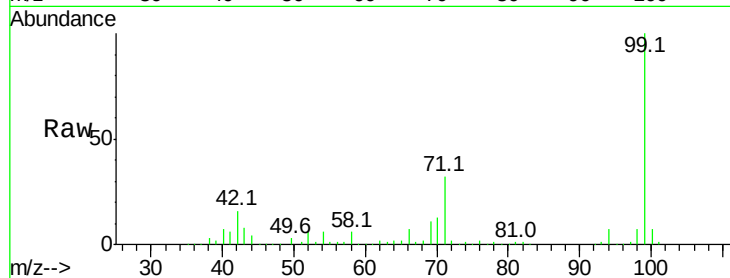
Tot Ion: 99 Resp: 679267

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

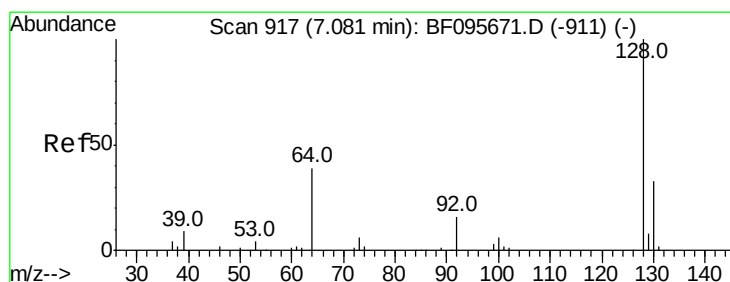
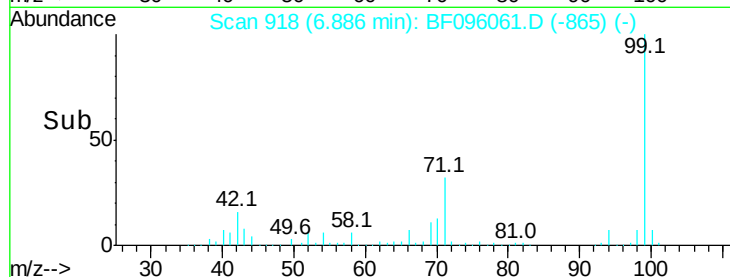
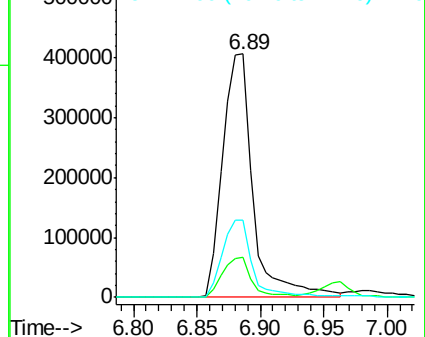
71 31.7 24.5 36.7



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: 44.01 ng

RT: 6.99 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

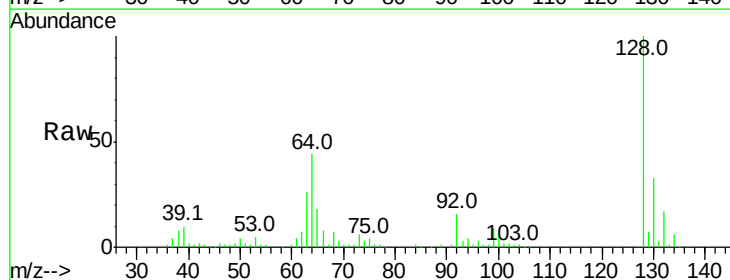
Tgt Ion:128 Resp: 217076

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

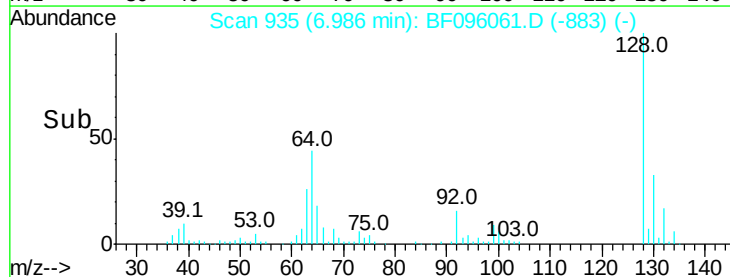
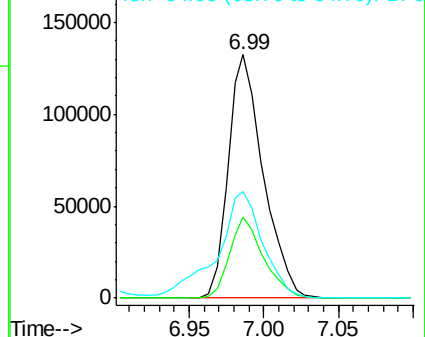
64 44.0 28.4 68.4

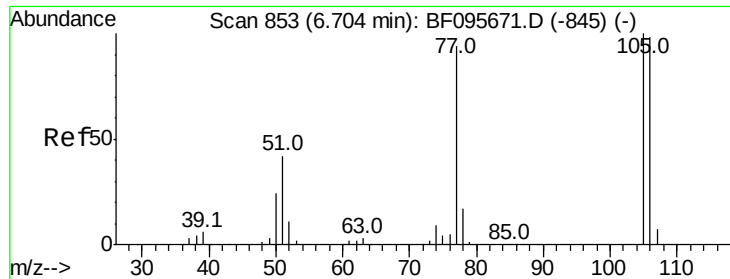


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.04 ng

RT: 6.59 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

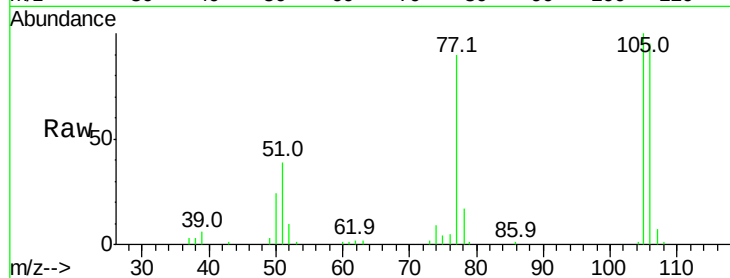
Tot Ion: 77 Resp: 123769

Ion Ratio Lower Upper

77 100

105 111.4 83.8 123.8

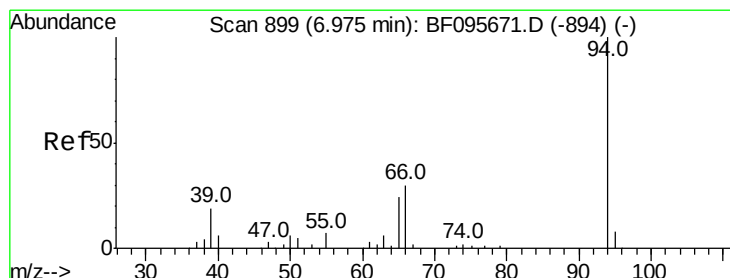
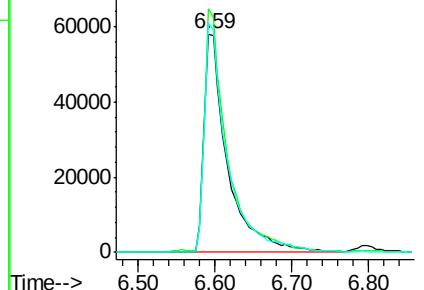
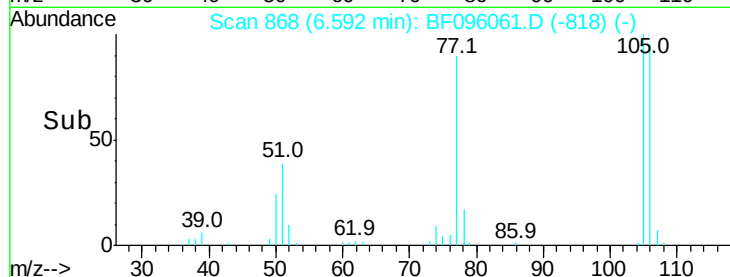
106 105.2 79.1 119.1



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: 46.59 ng

RT: 6.90 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

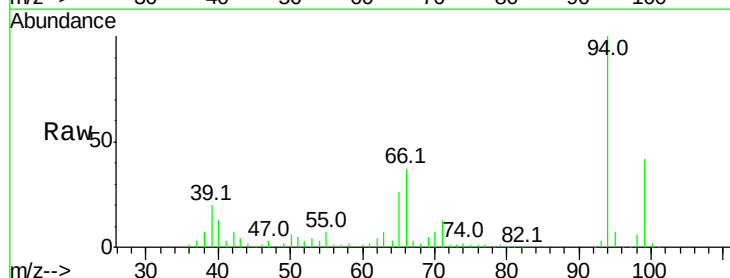
Tgt Ion: 94 Resp: 268386

Ion Ratio Lower Upper

94 100

65 26.4 9.9 49.9

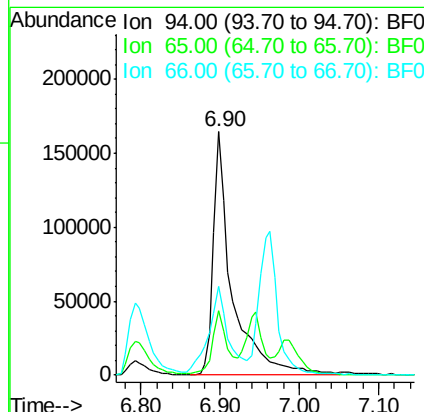
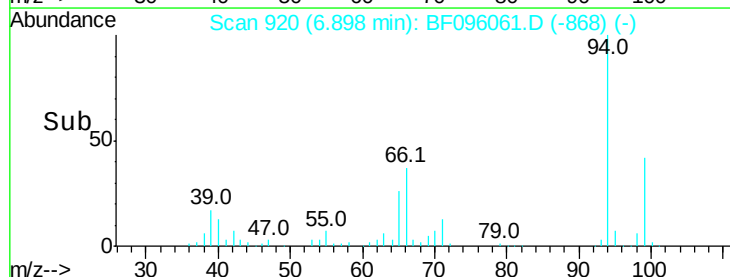
66 36.5 23.1 63.1

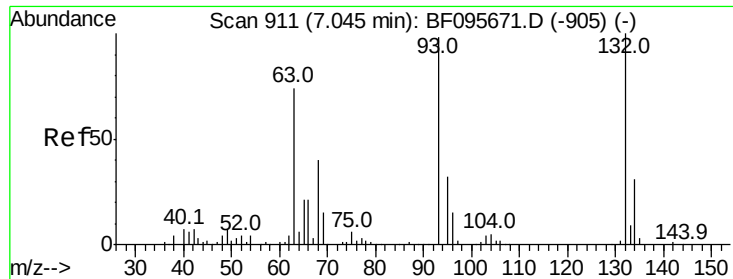


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.92 ng

RT: 6.95 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampled :

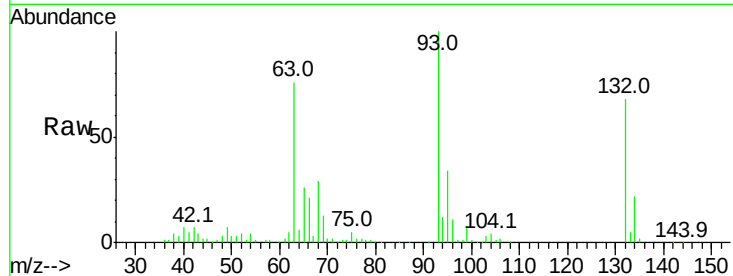
Tot Ion: 93 Resp: 200446

Ion Ratio Lower Upper

93 100

63 76.5 59.2 99.2

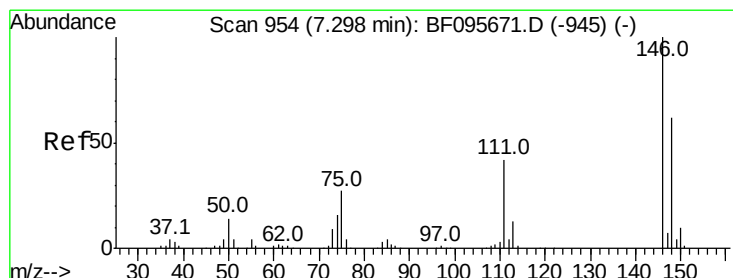
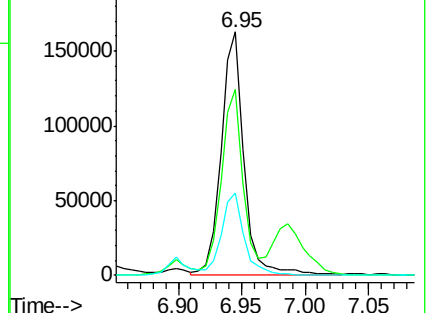
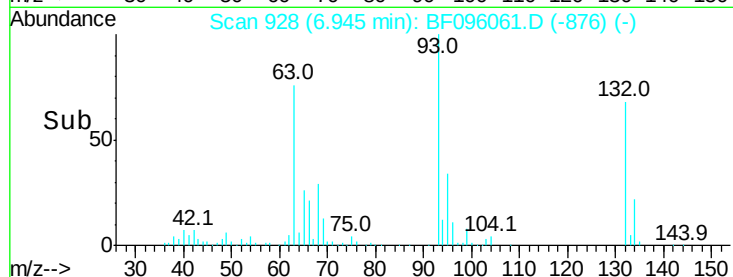
95 34.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.24 ng

RT: 7.19 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

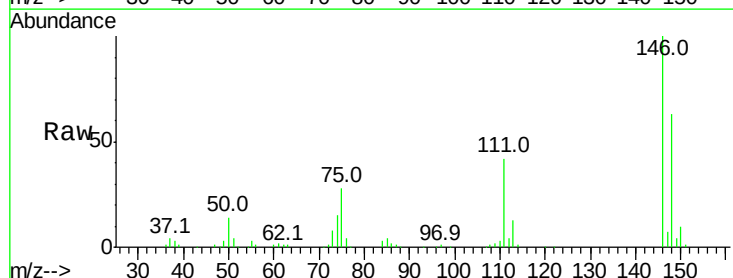
Tgt Ion: 146 Resp: 235827

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

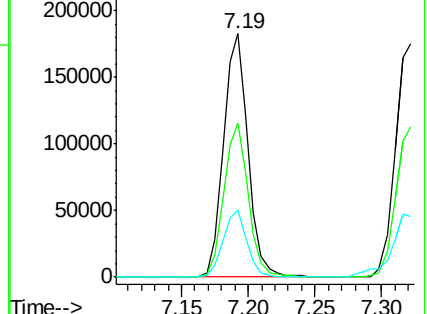
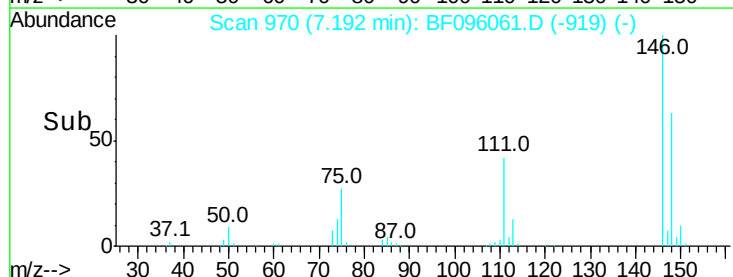
75 27.6 23.1 34.7

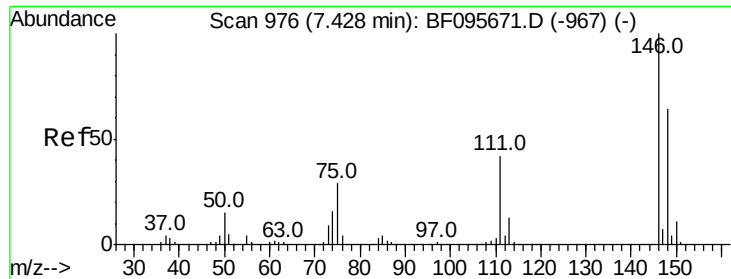


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

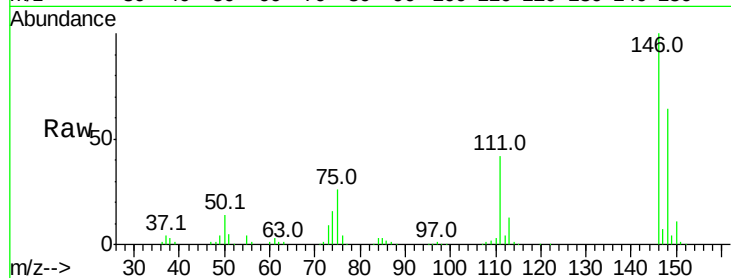




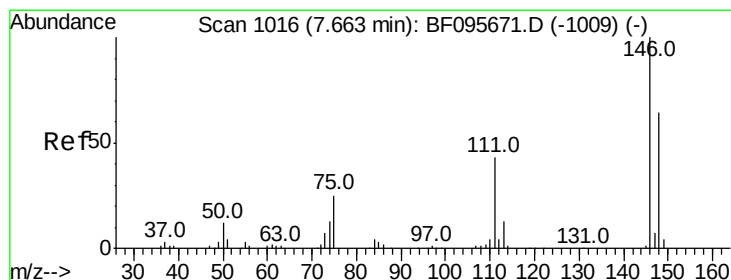
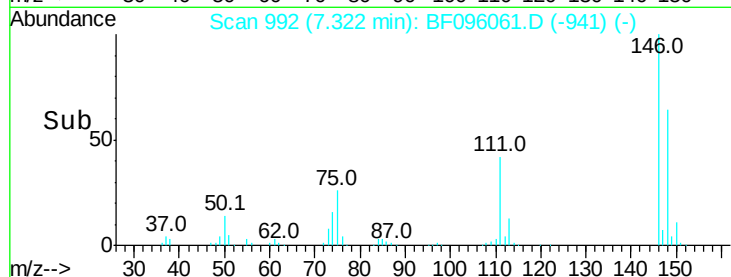
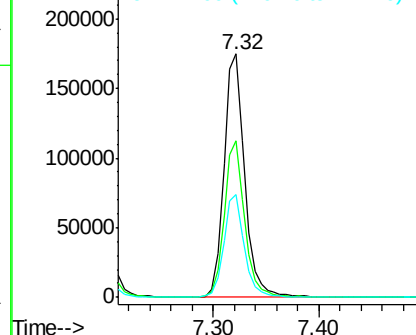
#13
 1,4-Dichlorobenzene
 Concen: 42.36 ng
 RT: 7.32 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 239825
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 42.0 30.3 45.5

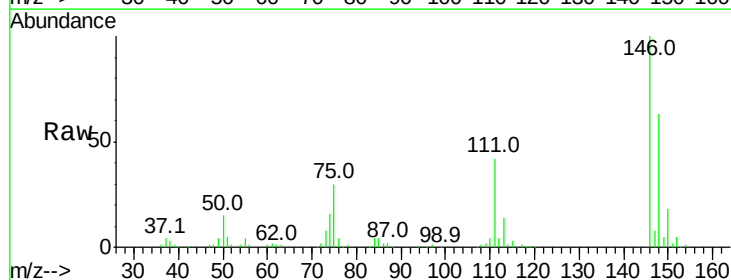


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

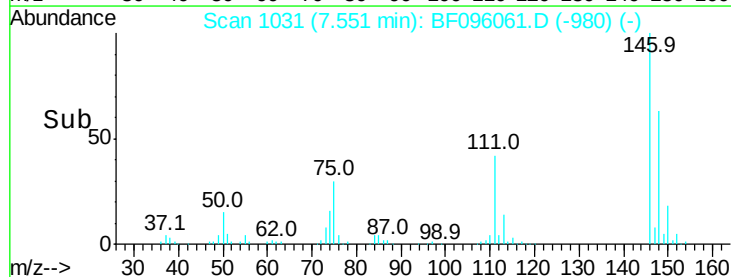
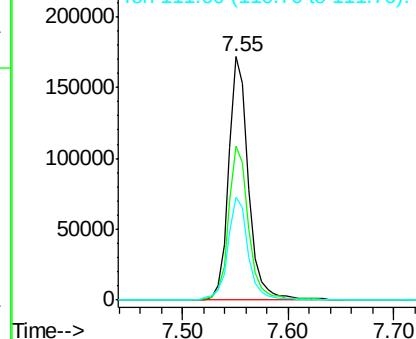


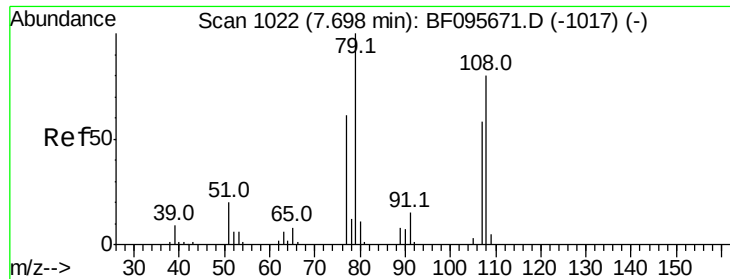
#14
 1,2-Dichlorobenzene
 Concen: 42.83 ng
 RT: 7.55 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion:146 Resp: 223556
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.4 75.6
 111 42.3 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

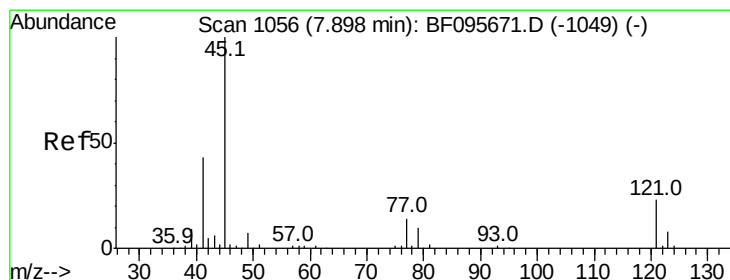
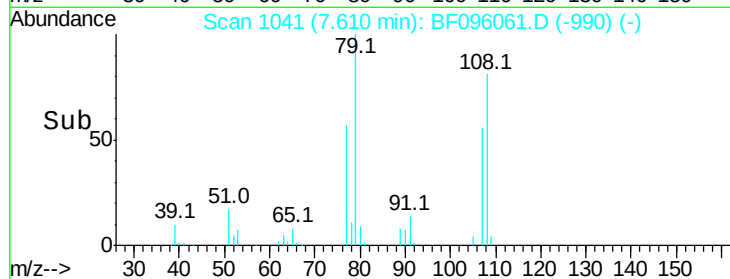
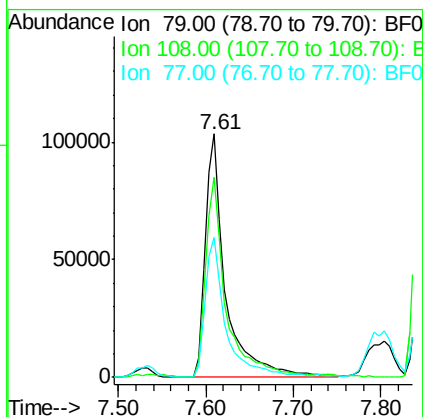
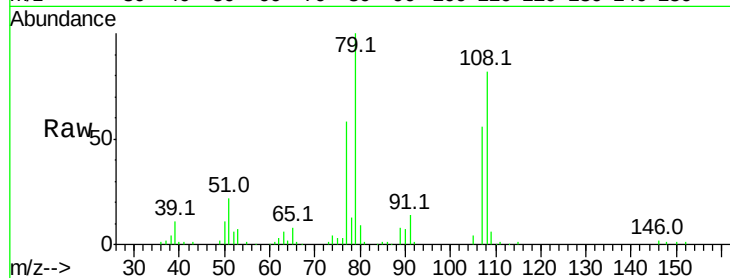




#15
Benzyl Alcohol
Concen: 43.93 ng
RT: 7.61 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

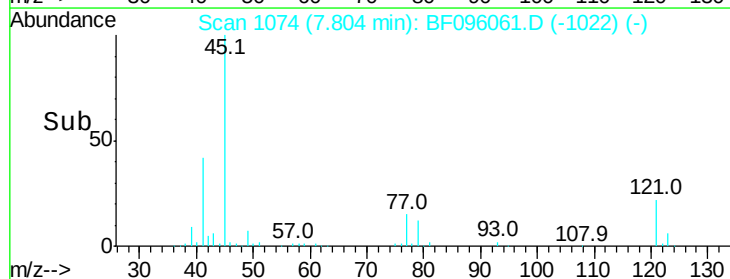
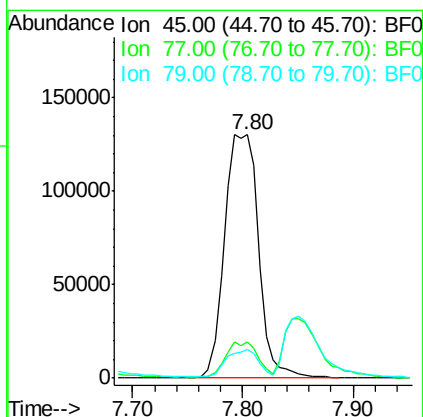
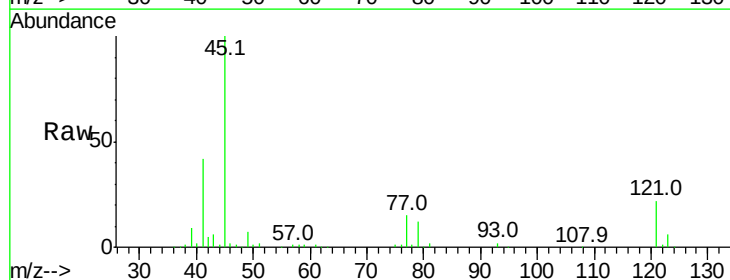
Instrument :
BNA_F
ClientSampled :

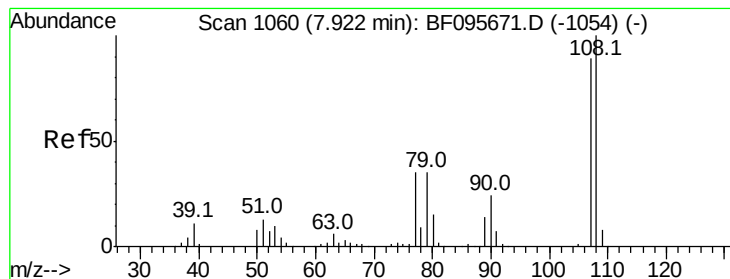
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	63.4	95.0
77	57.6	49.2	73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.96 ng
RT: 7.80 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	33.2
79	11.8	0.0	30.0

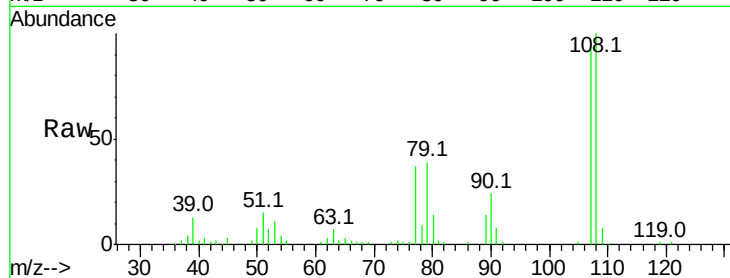




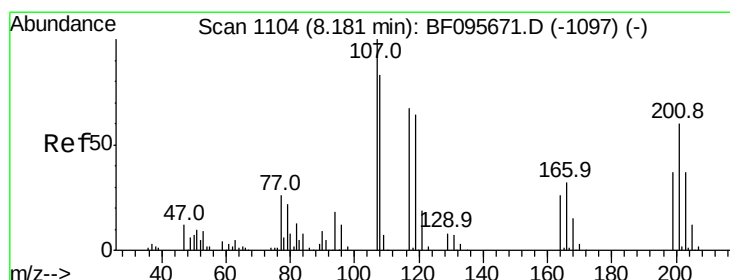
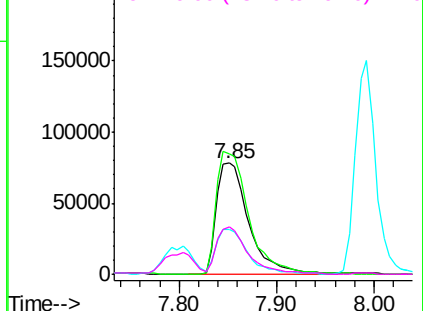
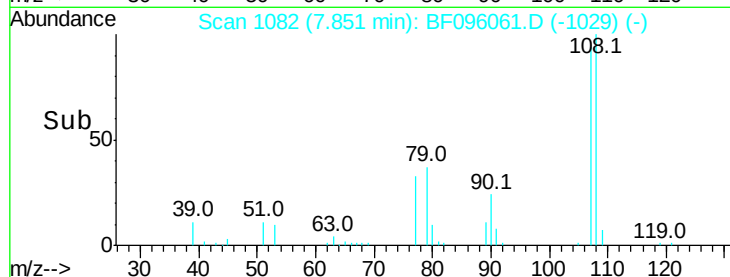
#17
2-Methylphenol
Concen: 43.44 ng
RT: 7.85 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 179832
Ion Ratio Lower Upper
107 100
108 108.2 93.4 140.0
77 40.4 35.8 53.6
79 42.5 34.8 52.2

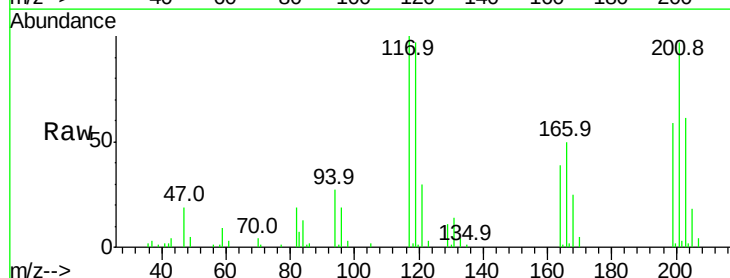


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

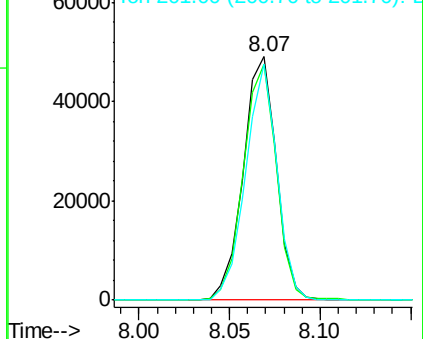
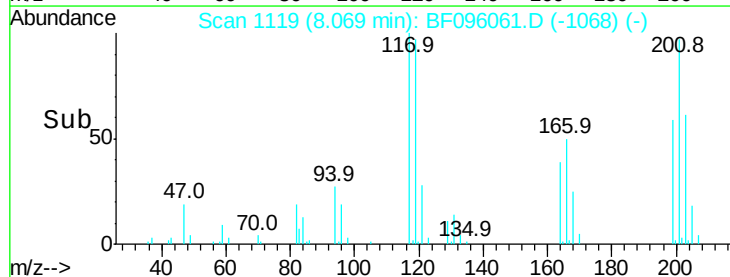


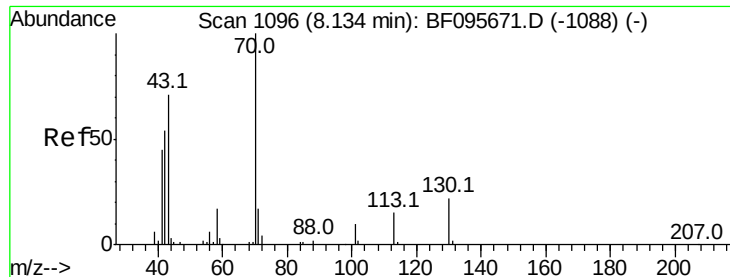
#18
Hexachloroethane
Concen: 33.36 ng
RT: 8.07 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:117 Resp: 62383
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
201 96.9 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

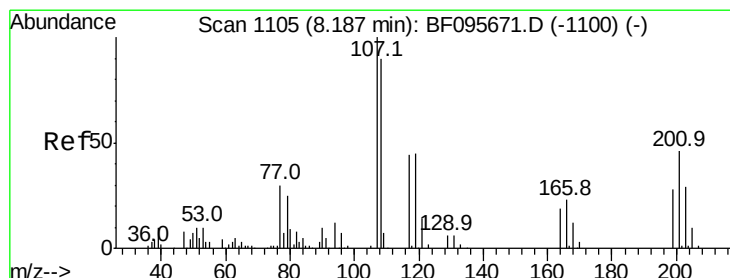
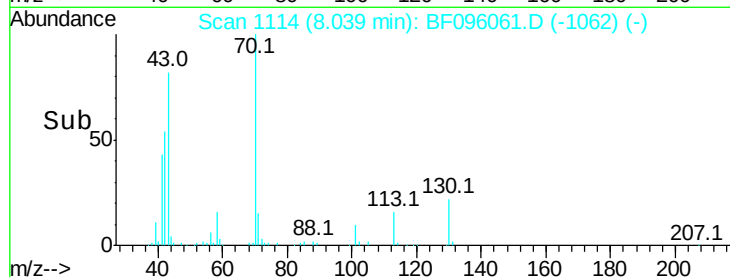
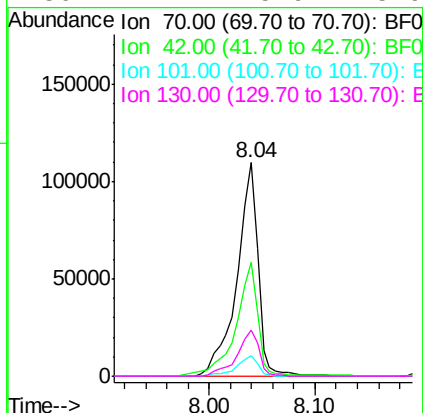
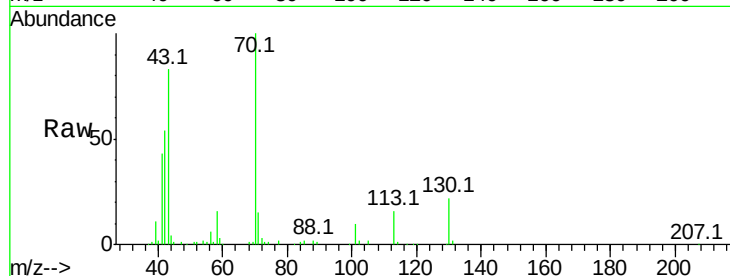




#19
n-Nitroso-di-n-propylamine
Concen: 43.09 ng
RT: 8.04 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

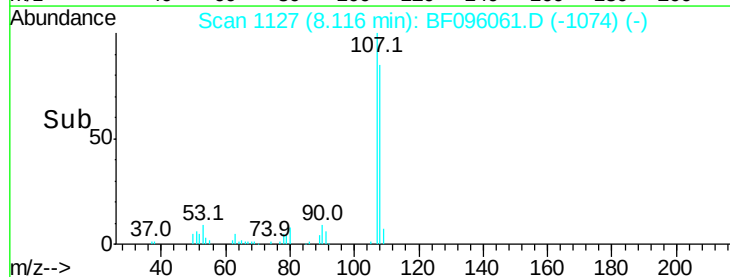
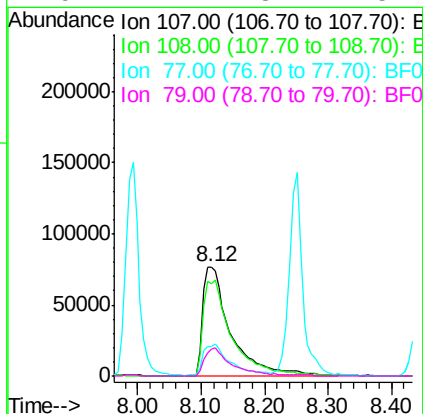
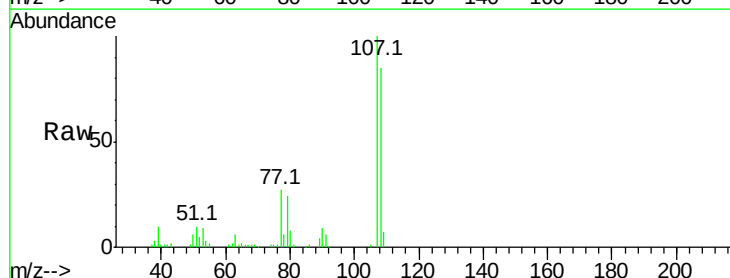
Instrument :
BNA_F
ClientSampleId :

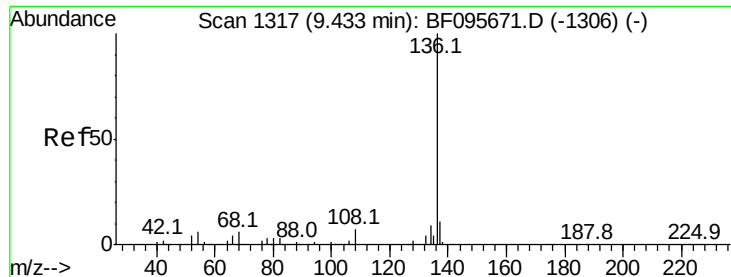
Tot Ion: 70 Resp: 151662
Ion Ratio Lower Upper
70 100
42 53.5 47.2 70.8
101 9.9 7.2 10.8
130 21.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.11 ng
RT: 8.12 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:107 Resp: 237021
Ion Ratio Lower Upper
107 100
108 85.0 71.0 111.0
77 27.2 90.5 130.5#
79 24.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 289664

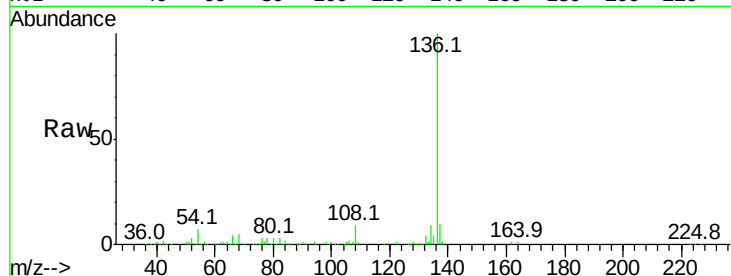
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.9 4.9 7.3

68 5.2 4.1 6.1

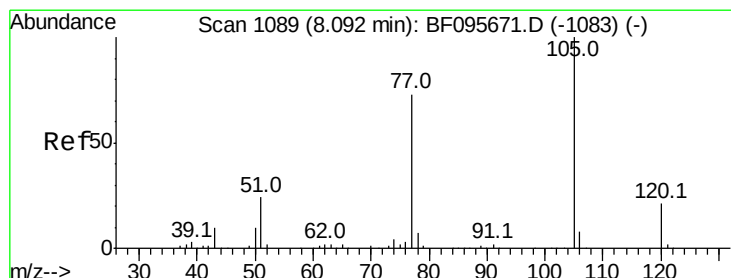
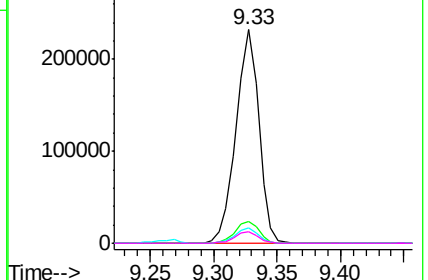
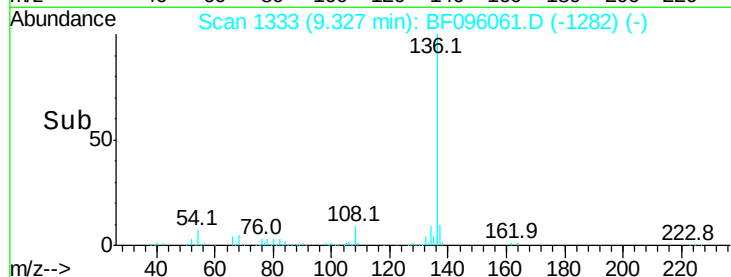


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.86 ng

RT: 7.99 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Tgt Ion:105 Resp: 304156

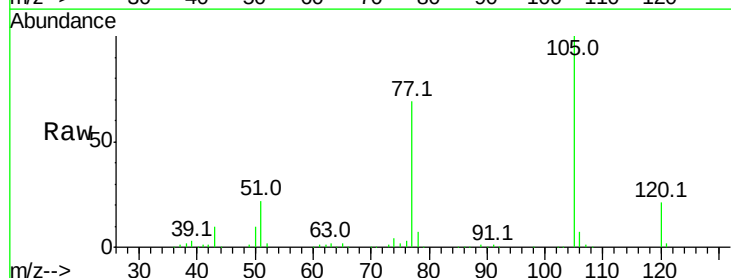
Ion Ratio Lower Upper

105 100

71 0.2 2.8 4.2#

51 21.9 30.7 46.1#

120 21.0 17.4 26.0

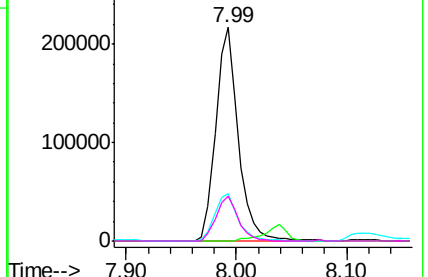
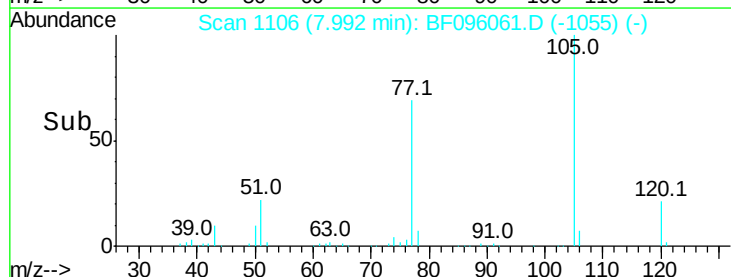


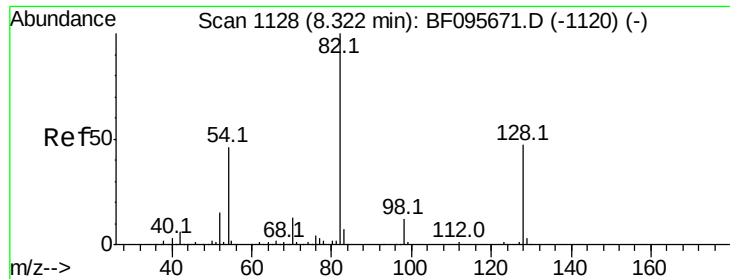
Abundance Ion 105.00 (104.70 to 105.70): E

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

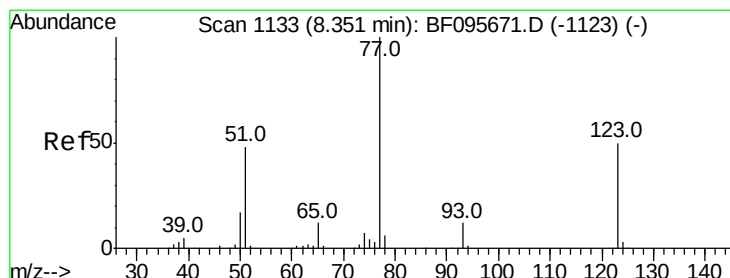
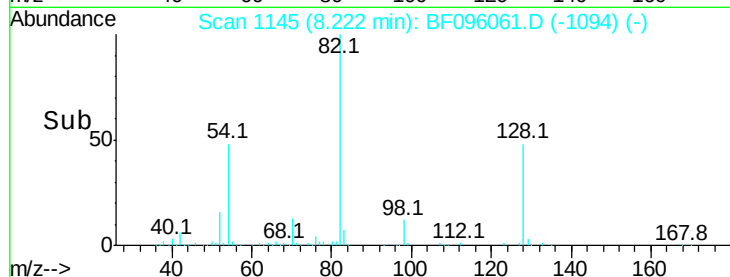
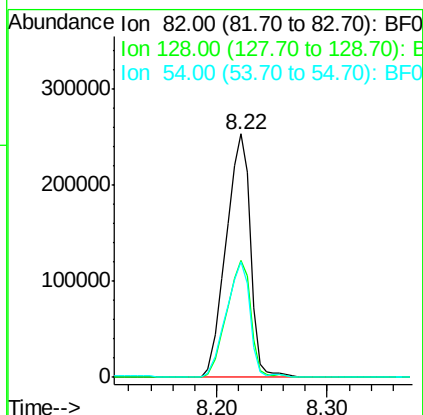
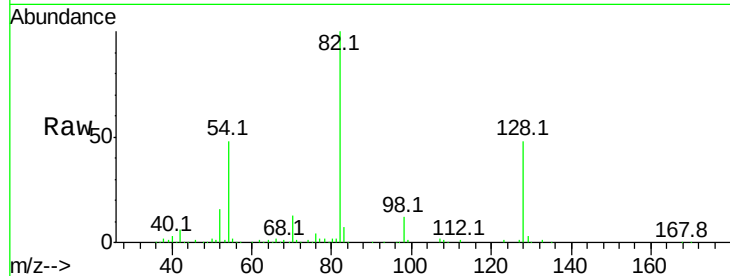




#23
Nitrobenzene-d5
Concen: 84.32 ng
RT: 8.22 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

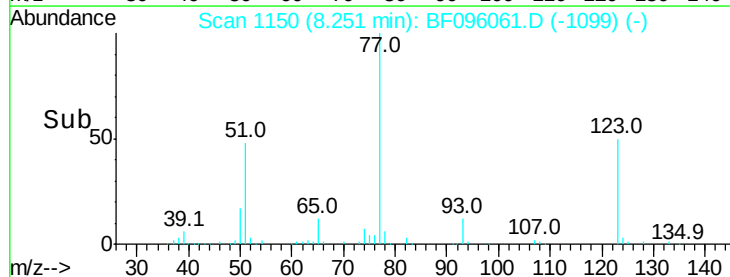
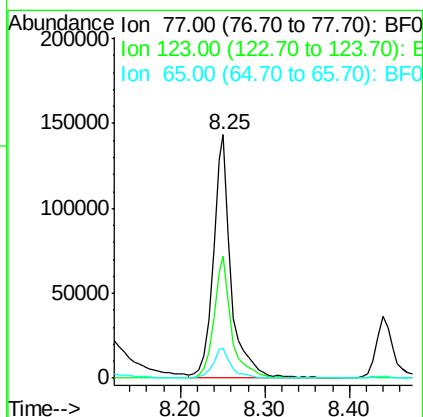
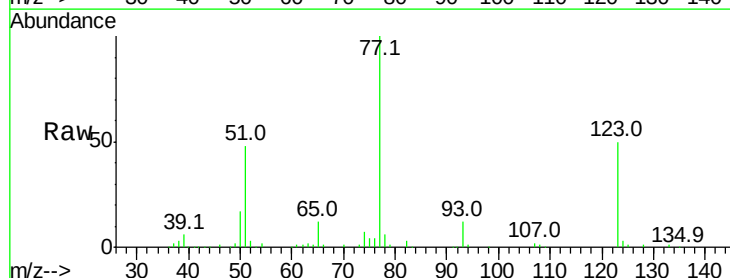
Instrument :
BNA_F
ClientSampleId :

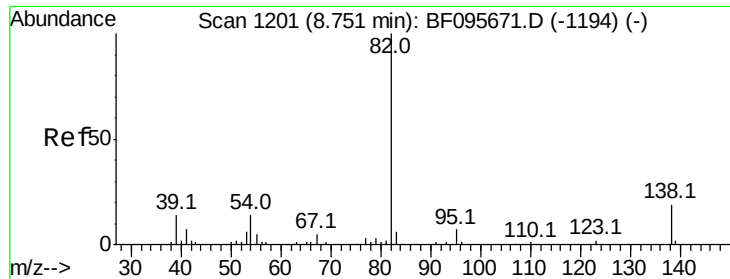
Tot Ion	82	Resp	393258
Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	47.7	42.2	63.2



#24
Nitrobenzene
Concen: 42.44 ng
RT: 8.25 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion	77	Resp	211465
Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.8	53.8
65	12.2	10.6	15.8





#25

Isophorone

Concen: 42.80 ng

RT: 8.65 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampled :

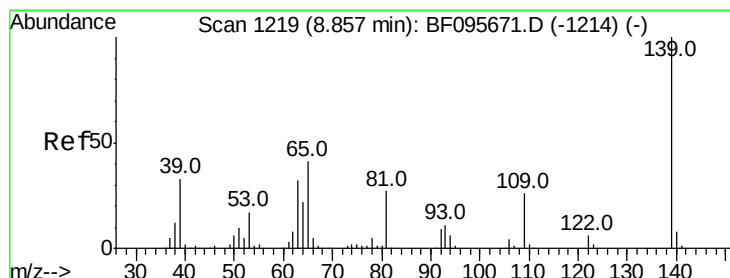
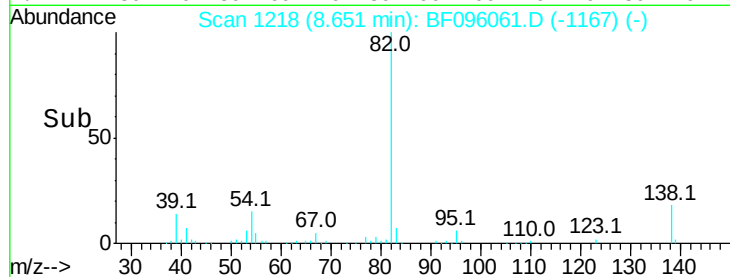
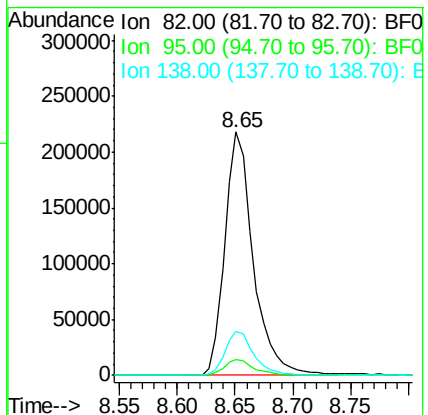
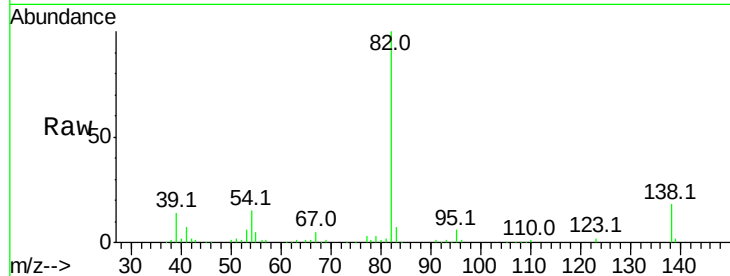
Tot Ion: 82 Resp: 372748

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 18.1 13.1 19.7



#26

2-Nitrophenol

Concen: 38.45 ng

RT: 8.76 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

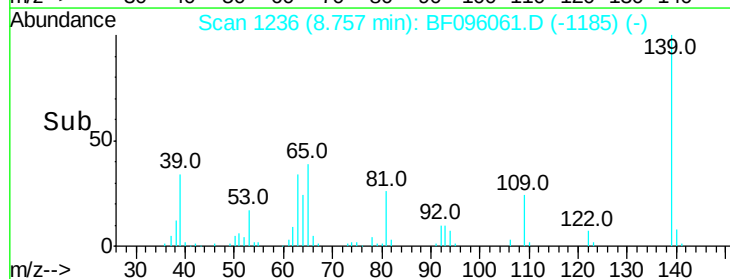
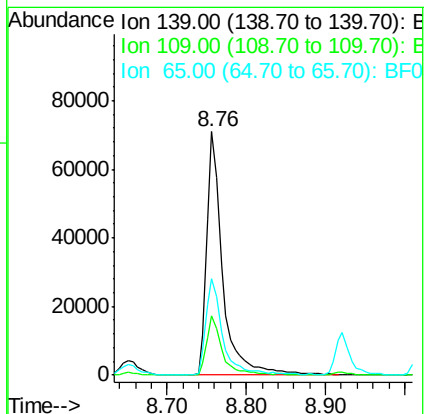
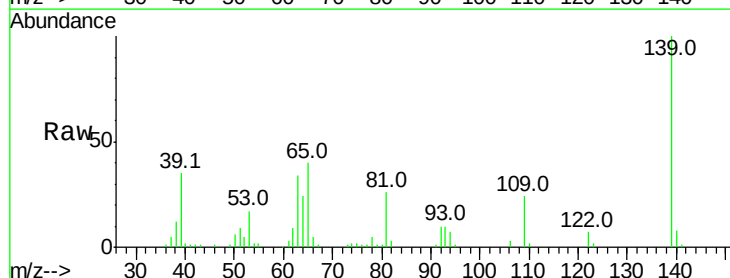
Tgt Ion: 139 Resp: 100323

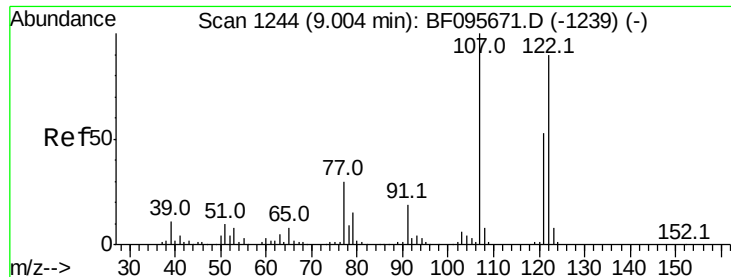
Ion Ratio Lower Upper

139 100

109 24.3 21.0 31.6

65 39.6 33.0 49.6

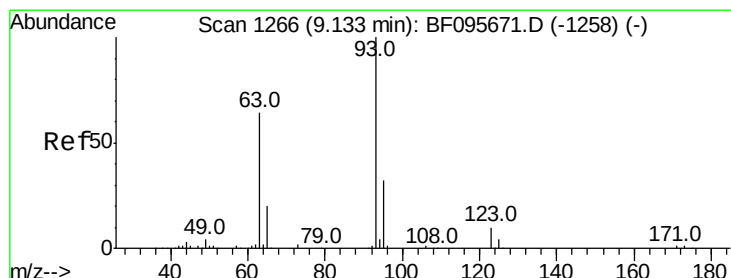
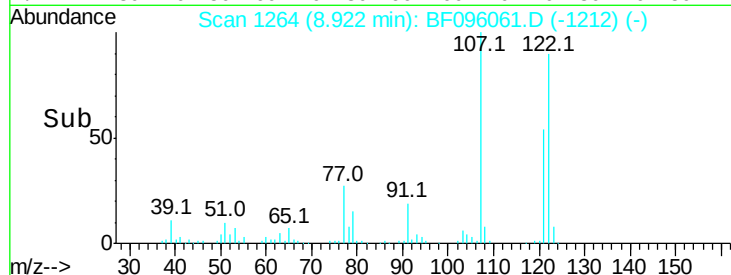
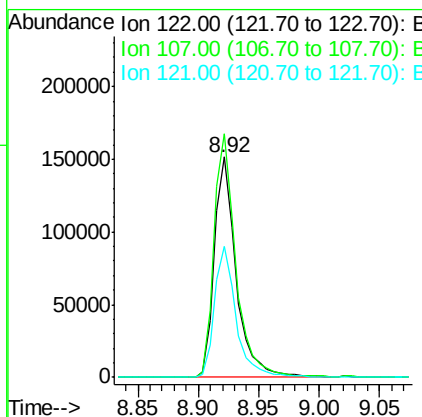
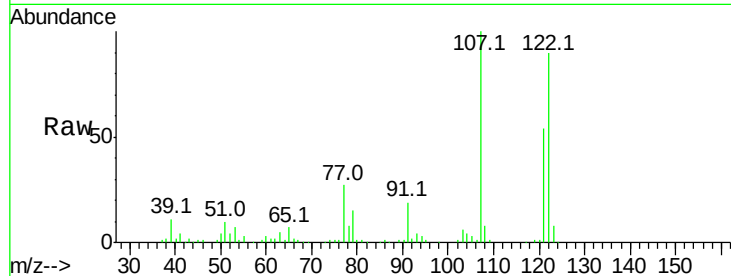




#27
 2,4-Dimethylphenol
 Concen: 46.45 ng
 RT: 8.92 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

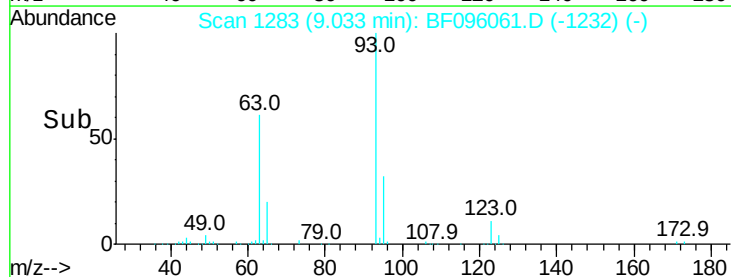
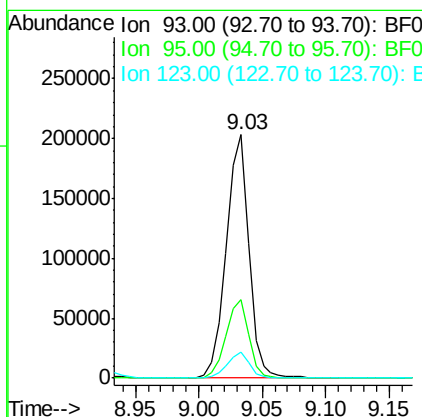
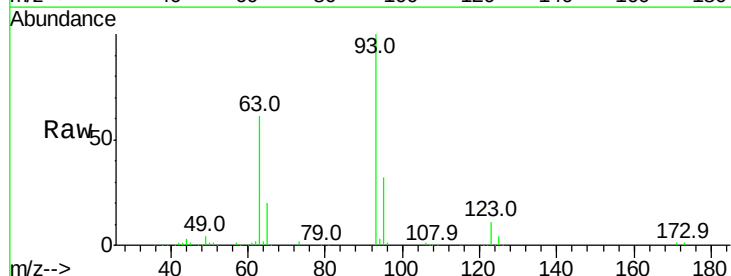
Instrument :
 BNA_F
 ClientSampled :

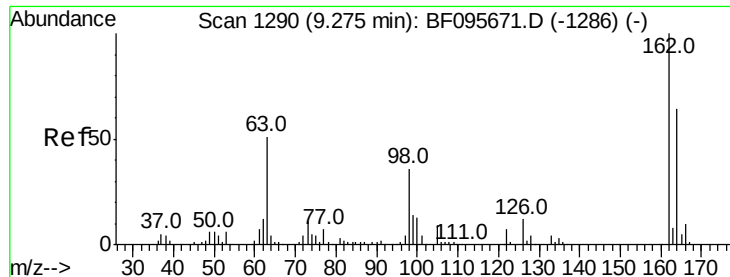
Tot Ion:122 Resp: 188075
 Ion Ratio Lower Upper
 122 100
 107 110.7 89.2 133.8
 121 59.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.80 ng
 RT: 9.03 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion: 93 Resp: 251438
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.7 9.0 13.4

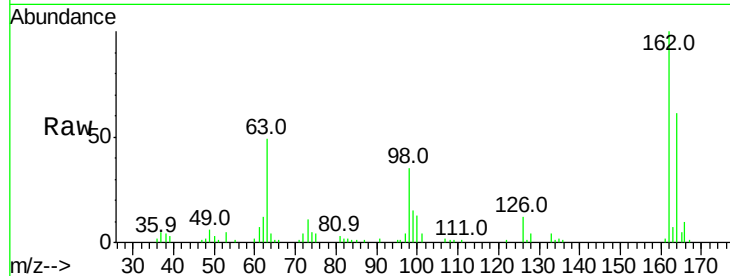




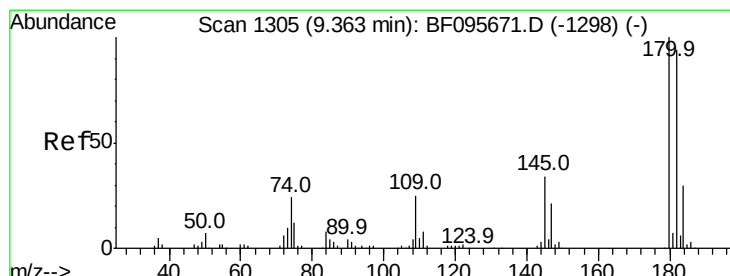
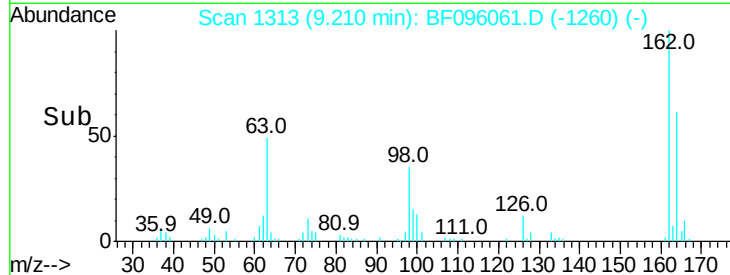
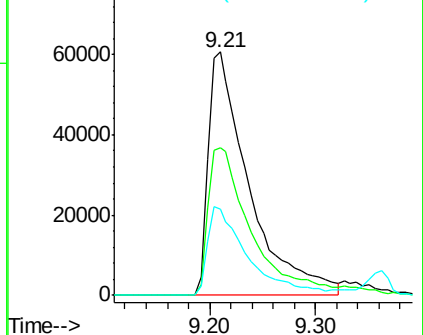
#29
 2,4-Dichlorophenol
 Concen: 41.84 ng
 RT: 9.21 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.8	44.6	84.6
98	35.4	14.8	54.8

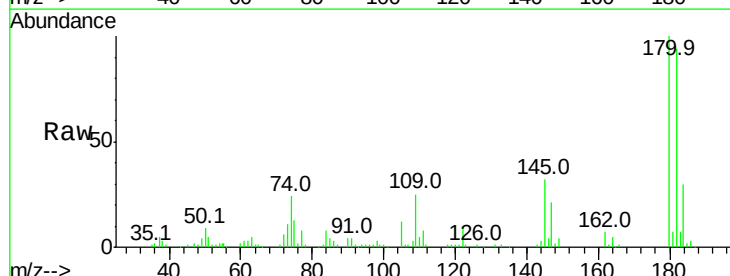


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

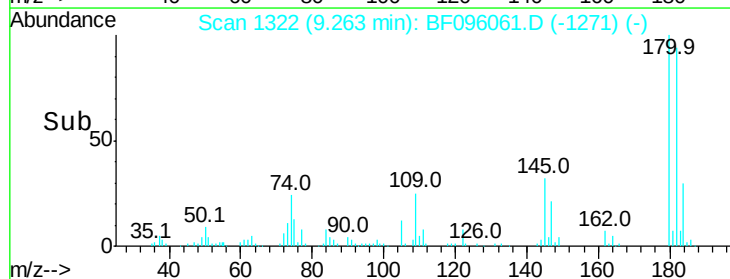
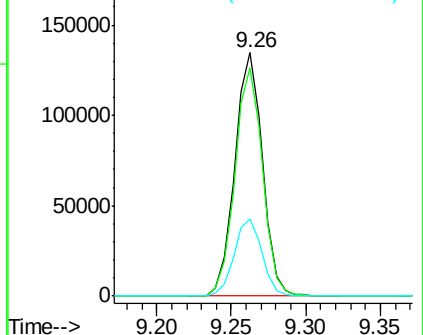


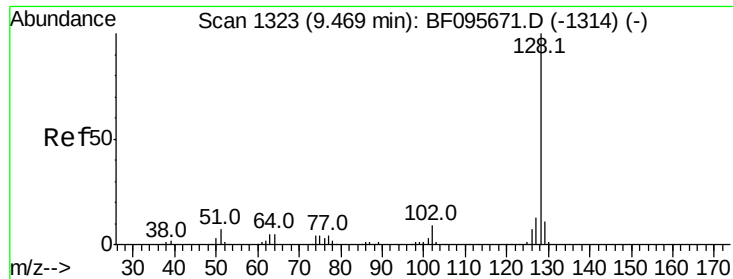
#30
 1,2,4-Trichlorobenzene
 Concen: 42.89 ng
 RT: 9.26 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.8	113.6
145	31.6	25.3	37.9



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

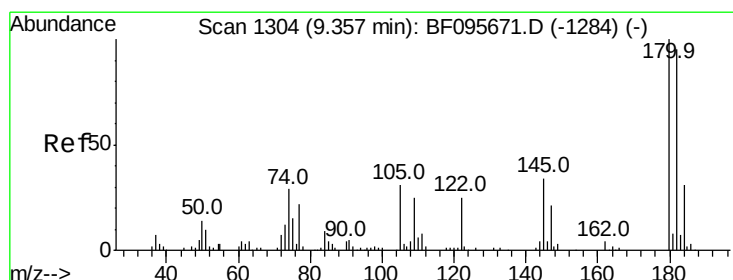
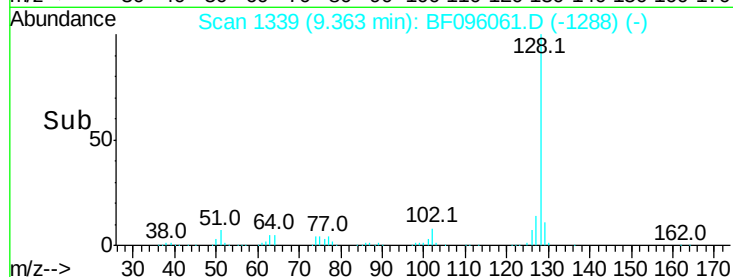
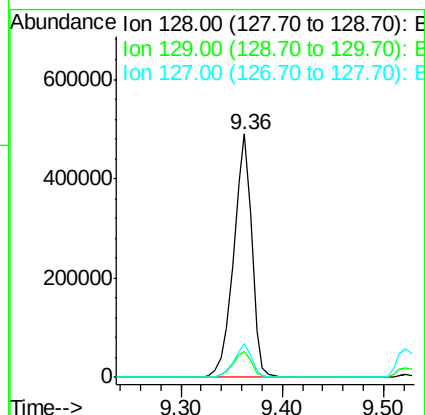
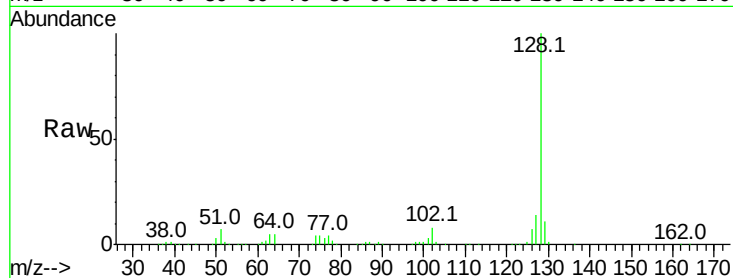




#31
Naphthalene
Concen: 41.82 ng
RT: 9.36 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

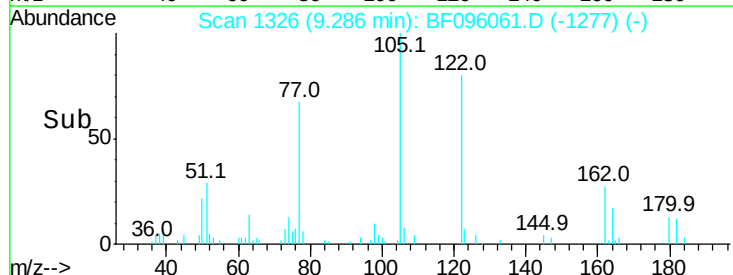
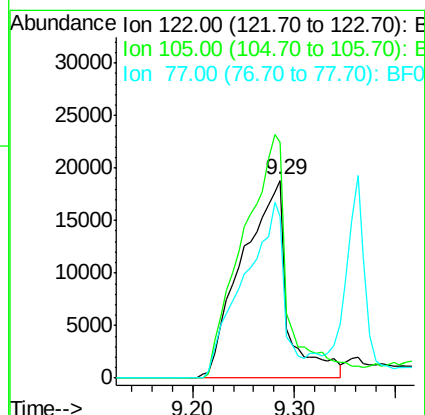
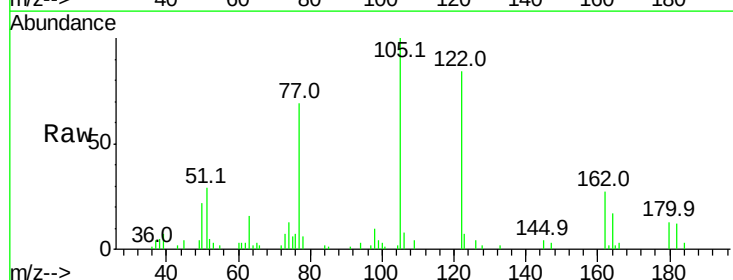
Instrument :
BNA_F
ClientSampleId :

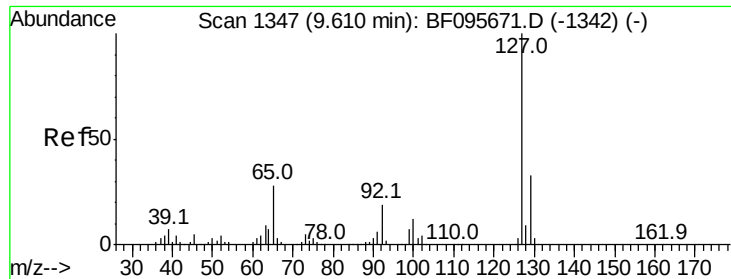
Tot Ion:128 Resp: 608011
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 25.88 ng
RT: 9.29 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:122 Resp: 58812
Ion Ratio Lower Upper
122 100
105 119.3 103.3 143.3
77 81.9 73.7 113.7

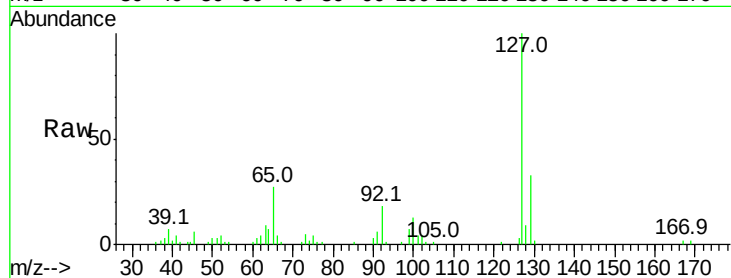




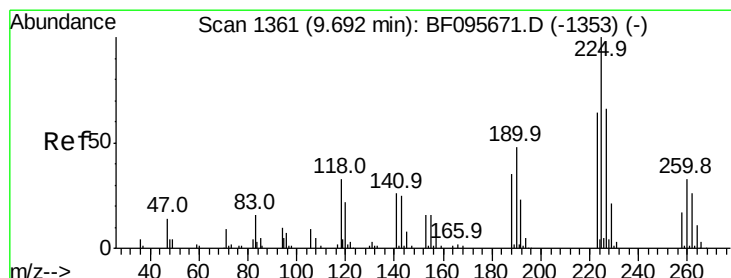
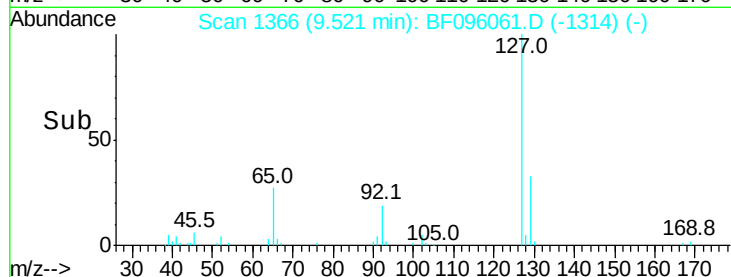
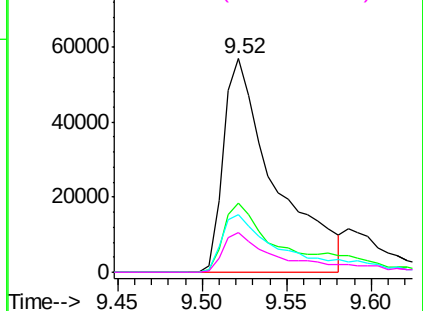
#33
4-Chloroaniline
Concen: 21.15 ng
RT: 9.52 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	120199
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.1	27.8	41.8#
92	18.3	16.8	25.2

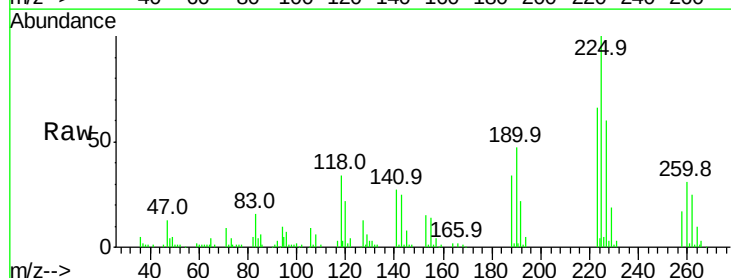


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

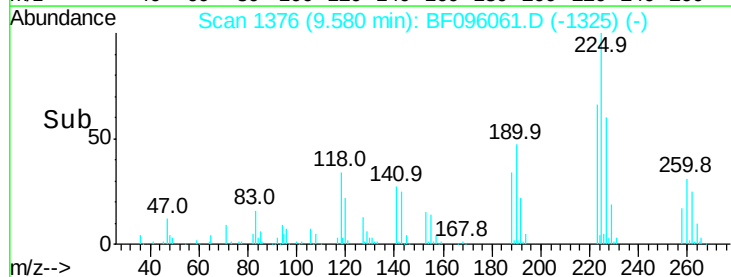
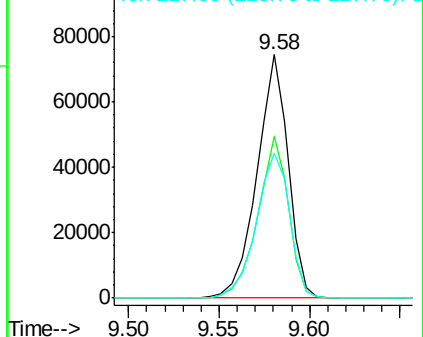


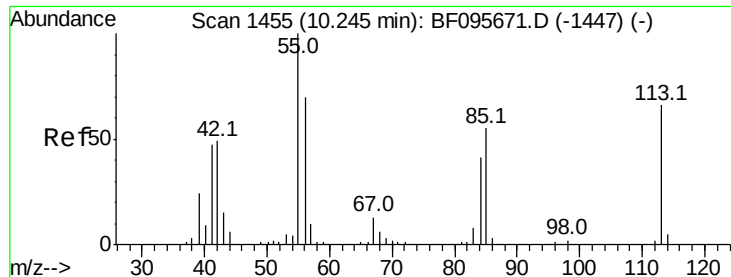
#34
Hexachlorobutadiene
Concen: 42.34 ng
RT: 9.58 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:	225	Resp:	88762
Ion	Ratio	Lower	Upper
225	100		
223	66.4	48.8	73.2
227	59.7	51.1	76.7



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





#35

Caprolactam

Concen: 32.94 ng

RT: 10.16 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

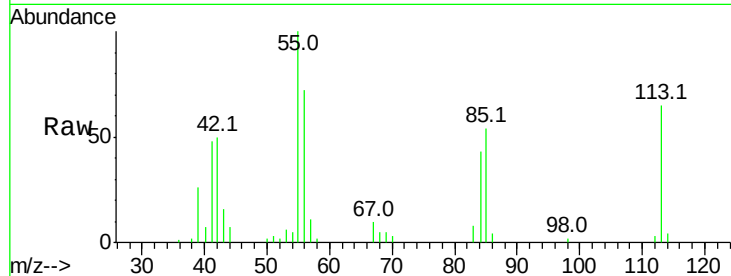
Tot Ion:113 Resp: 38222

Ion Ratio Lower Upper

113 100

55 154.4 150.2 190.2

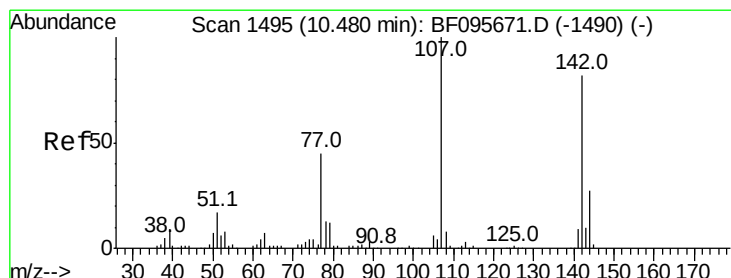
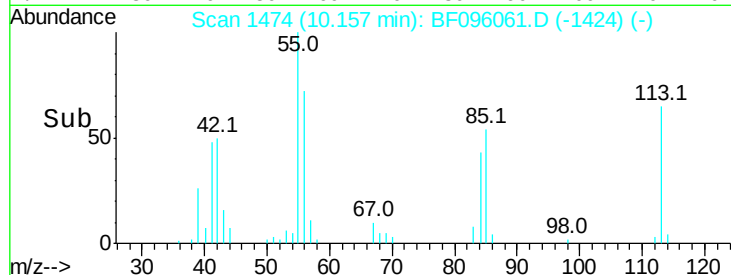
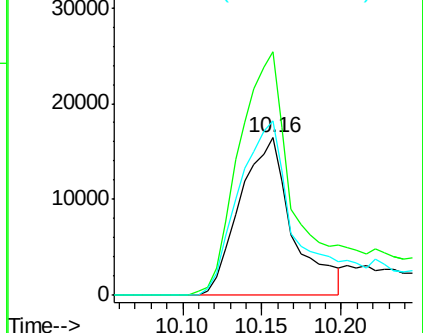
56 110.4 107.8 147.8



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: 41.39 ng

RT: 10.41 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

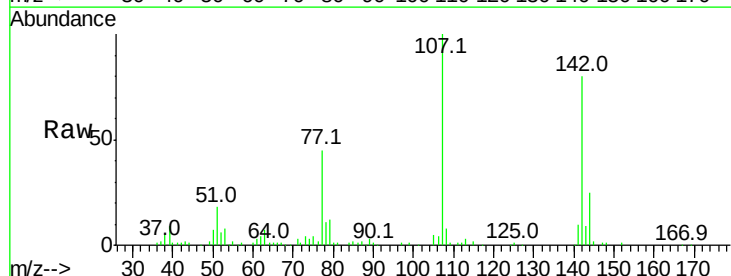
Tgt Ion:107 Resp: 168937

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

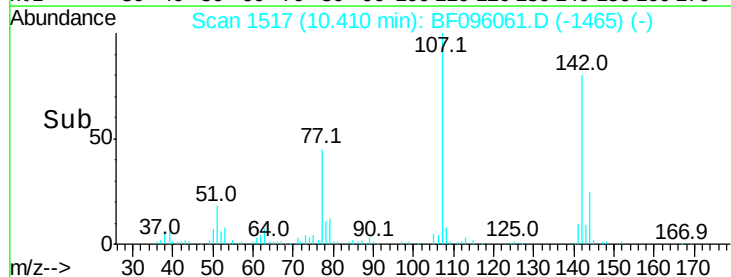
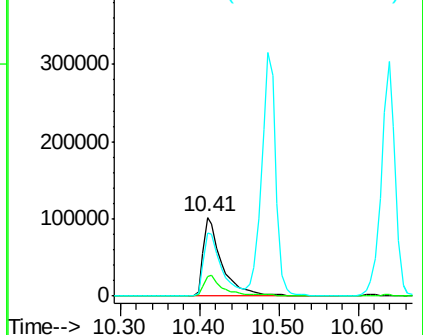
142 80.0 73.4 110.0

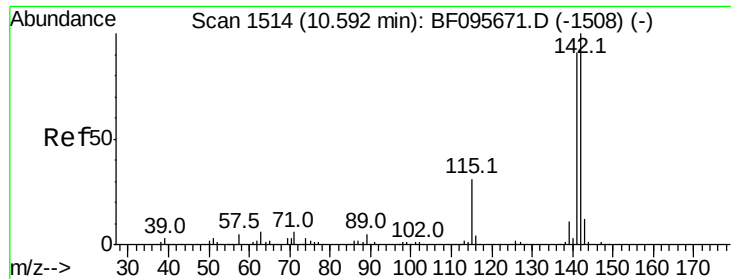


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

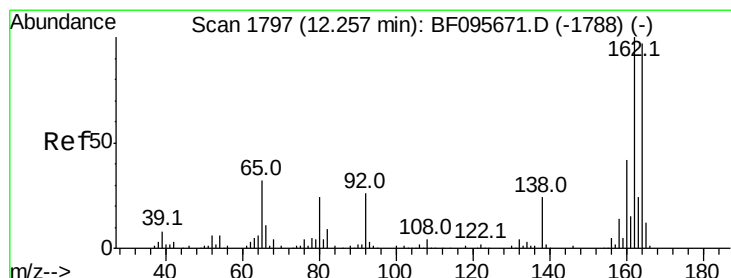
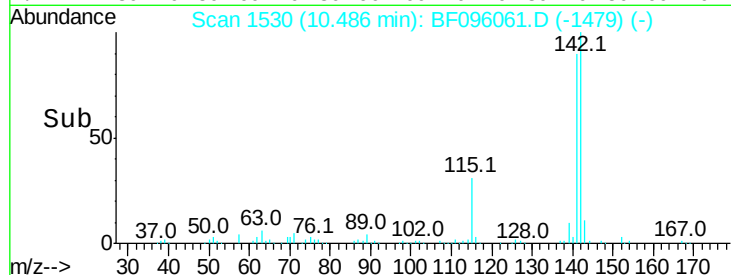
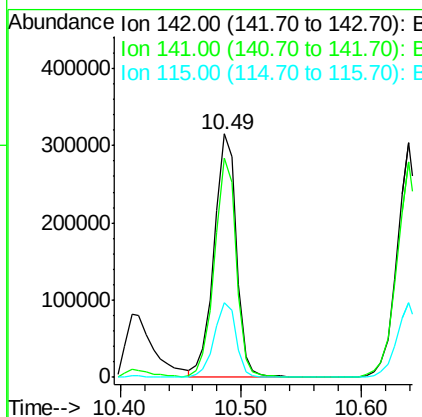
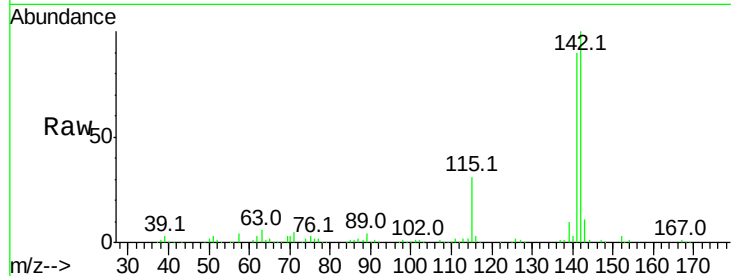




#37
2-Methylnaphthalene
Concen: 41.00 ng
RT: 10.49 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

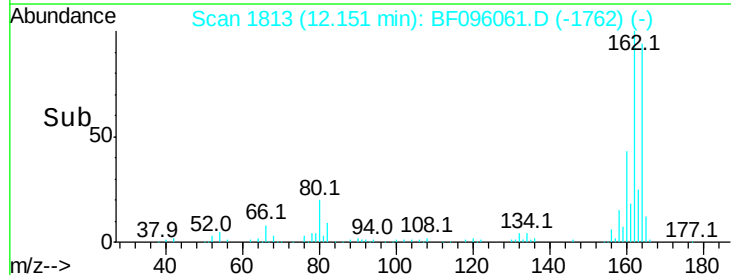
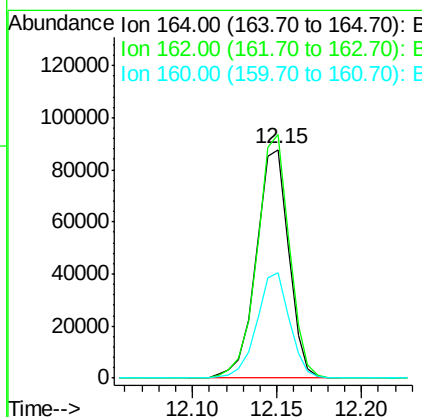
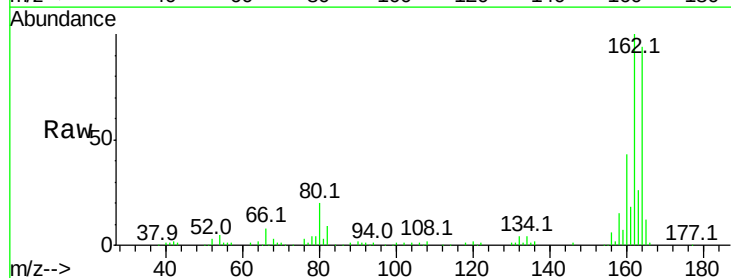
Instrument :
BNA_F
ClientSampleId :

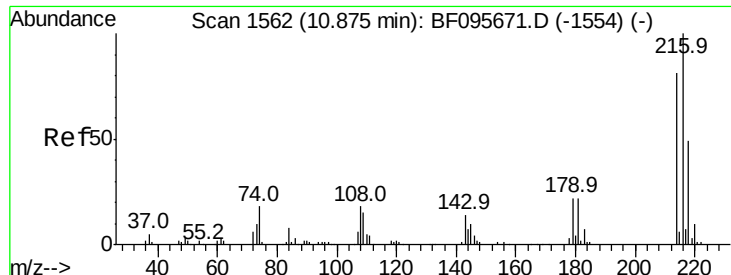
Tot Ion:142 Resp: 402692
Ion Ratio Lower Upper
142 100
141 90.0 71.3 106.9
115 30.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:164 Resp: 117712
Ion Ratio Lower Upper
164 100
162 106.6 82.6 123.8
160 46.0 36.2 54.2

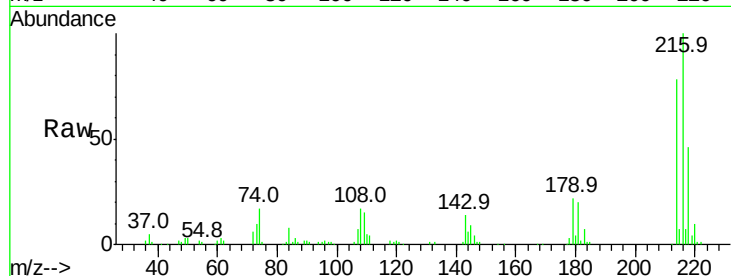




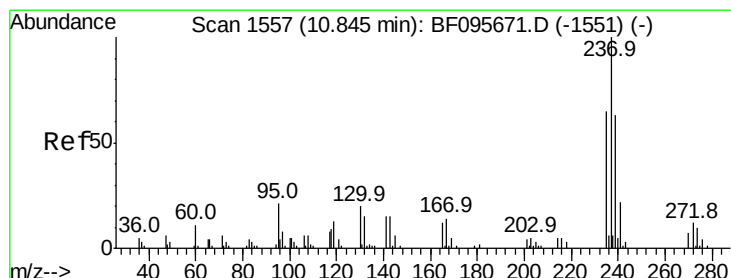
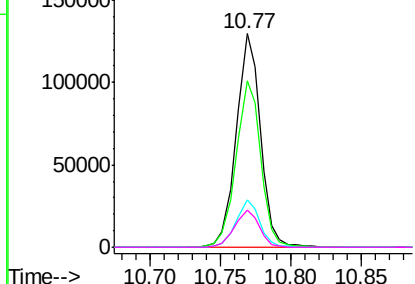
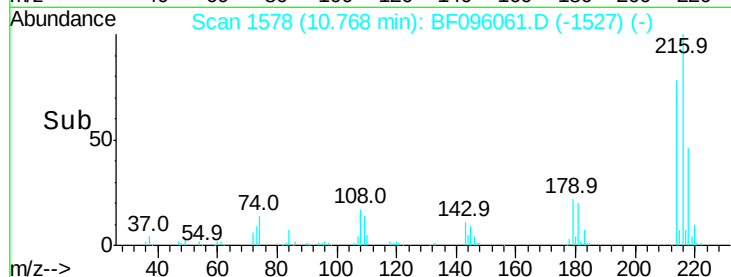
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.06 ng
 RT: 10.77 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	155209
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	21.8	17.9	26.9
108	18.1	16.5	24.7

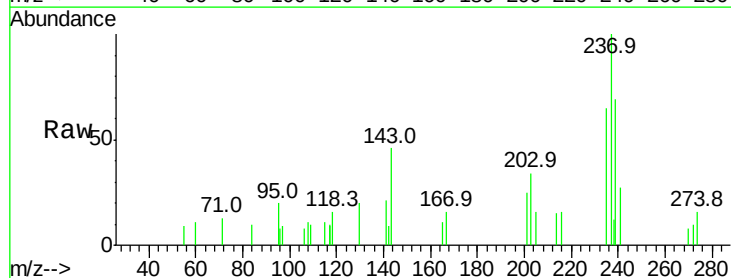


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

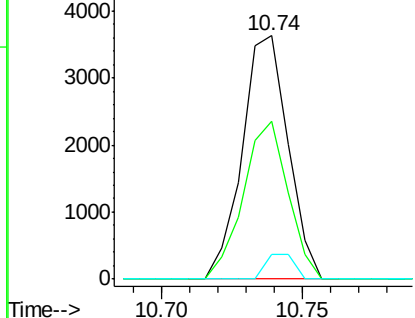
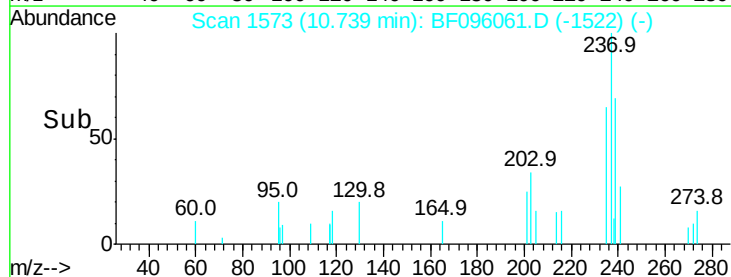


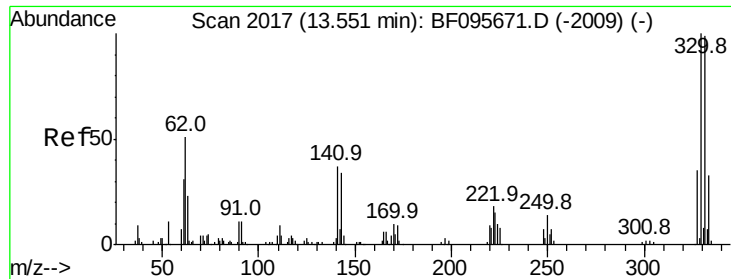
#40
 Hexachlorocyclopentadiene
 Concen: 14.43 ng
 RT: 10.74 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion:	237	Resp:	4100
Ion	Ratio	Lower	Upper
237	100		
235	65.1	42.6	82.6
272	9.9	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

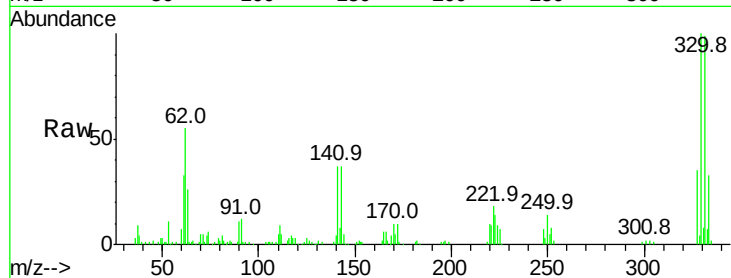




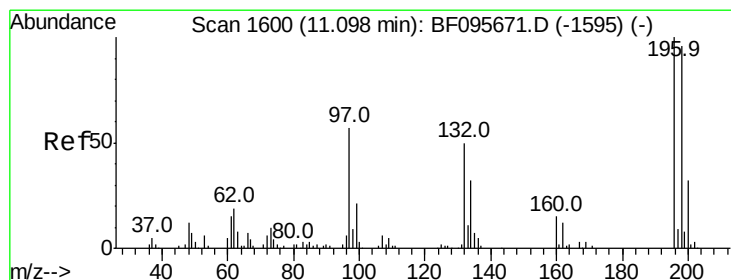
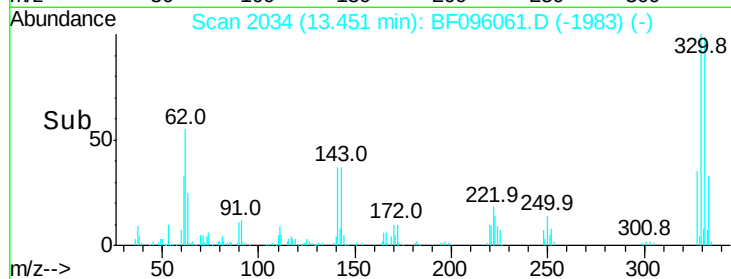
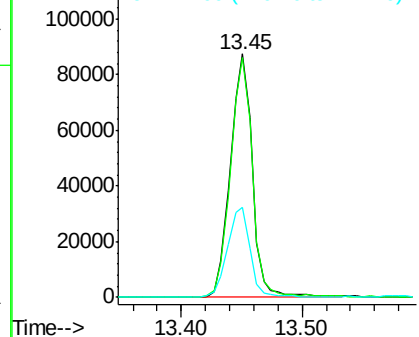
#41
 2,4,6-Tribromophenol
 Concen: 106.19 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	115.0
141	38.3	31.4	47.2

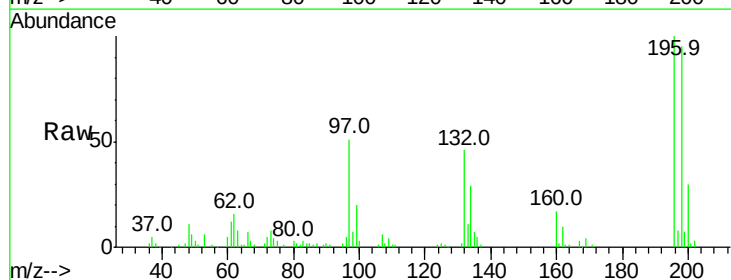


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

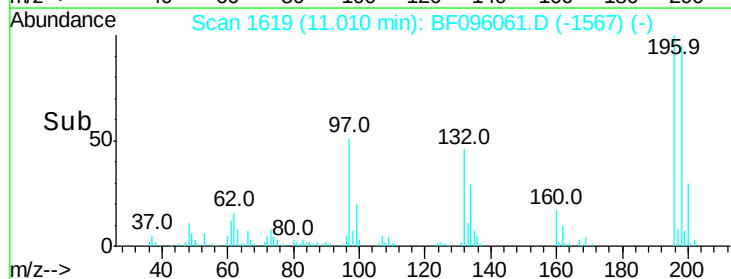
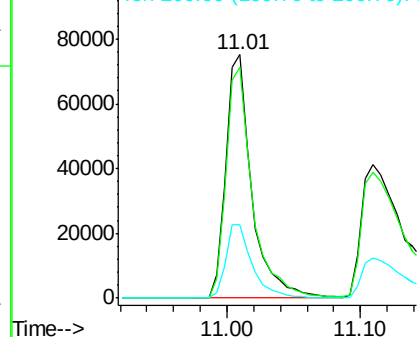


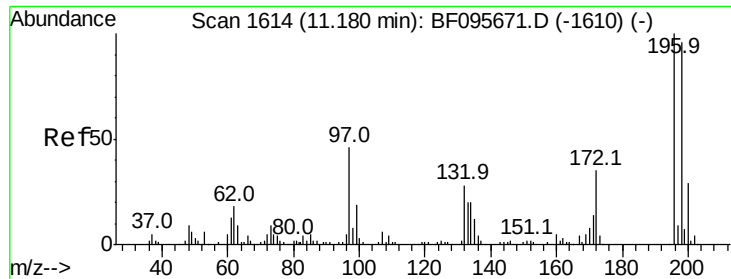
#42
 2,4,6-Trichlorophenol
 Concen: 45.68 ng
 RT: 11.01 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.2	111.4
200	30.4	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

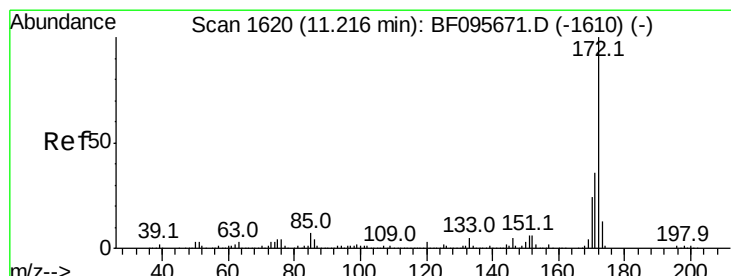
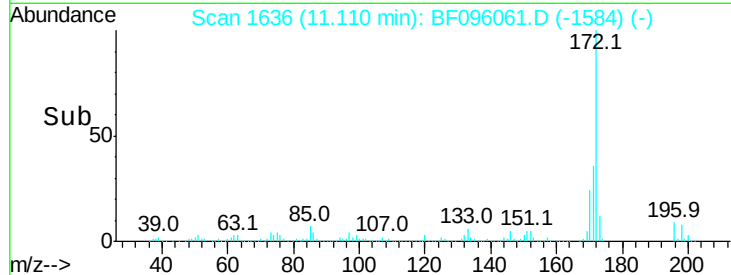
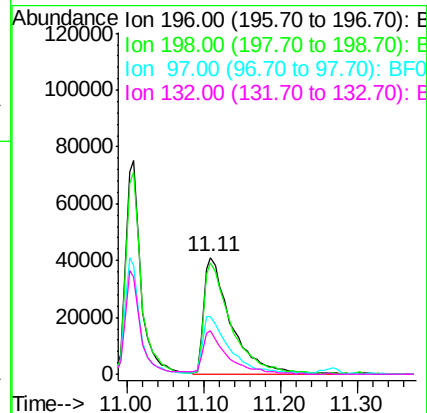
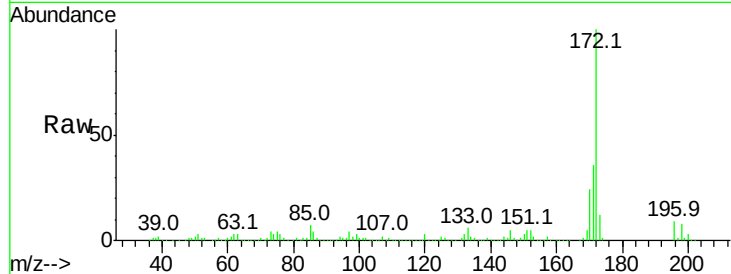




#43
 2,4,5-Trichlorophenol
 Concen: 42.05 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

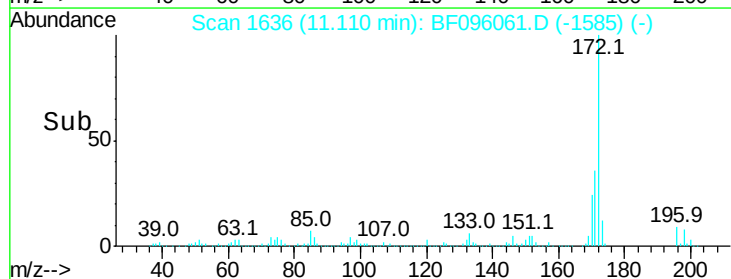
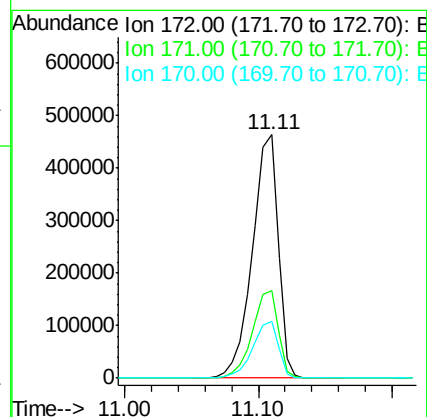
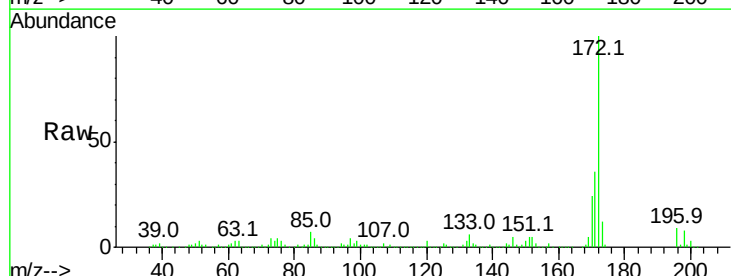
Instrument :
 BNA_F
 ClientSampleId :

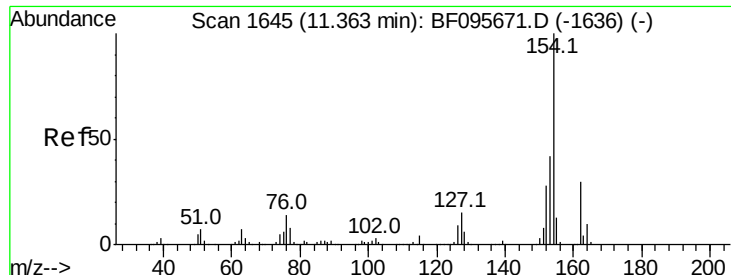
Tot Ion	196	Resp	101319
Ion Ratio	100	Lower	Upper
196	100		
198	94.7	75.7	113.5
97	49.5	47.7	71.5
132	37.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 72.63 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion	172	Resp	614386
Ion Ratio	100	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.5	19.8	29.8





#45

1,1'-Biphenyl

Concen: 44.80 ng

RT: 11.26 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

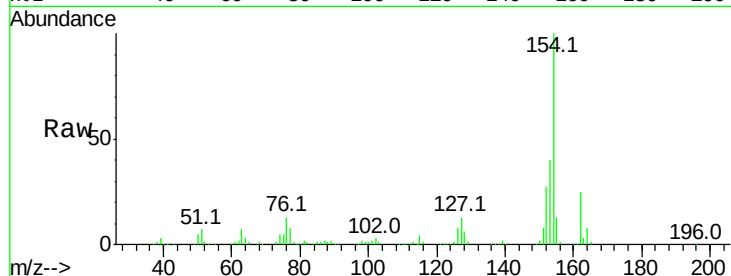
Tot Ion:154 Resp: 434640

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

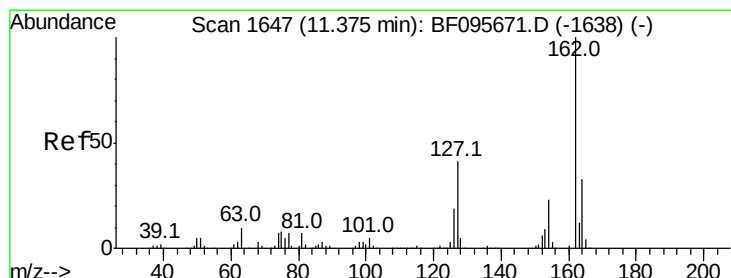
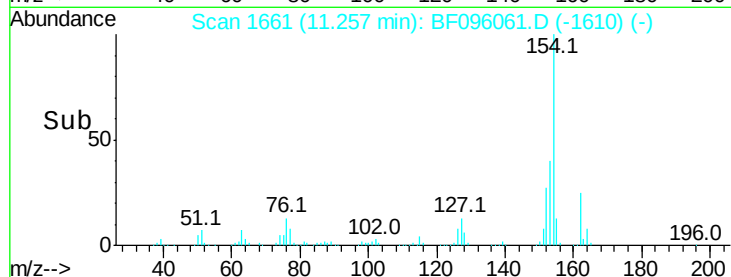
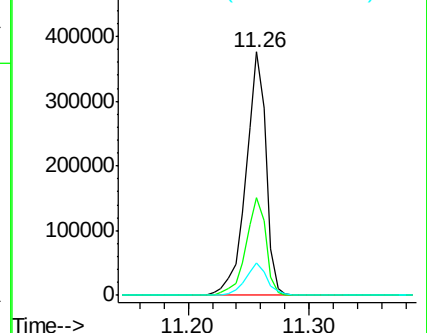
76 13.4 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.83 ng

RT: 11.27 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

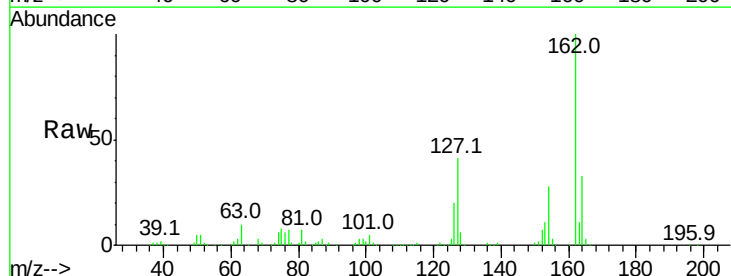
Tgt Ion:162 Resp: 324684

Ion Ratio Lower Upper

162 100

127 41.1 28.3 42.5

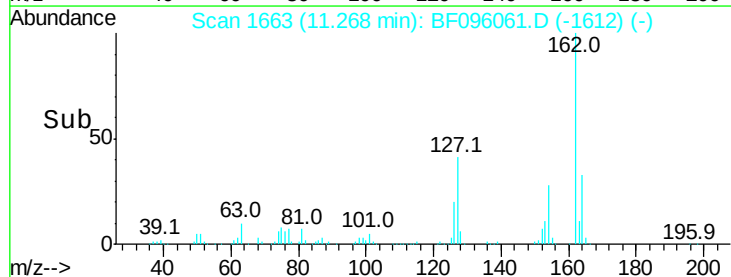
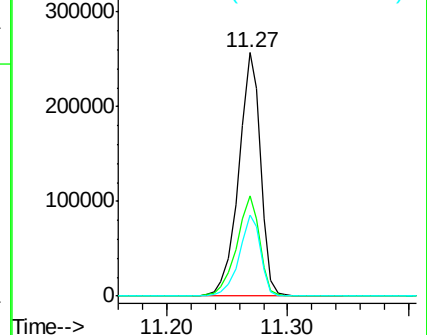
164 33.1 27.0 40.4

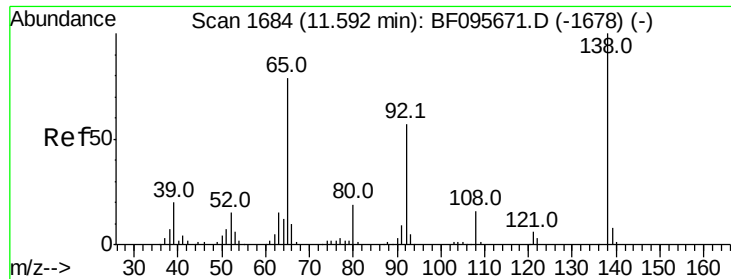


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.67 ng

RT: 11.50 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

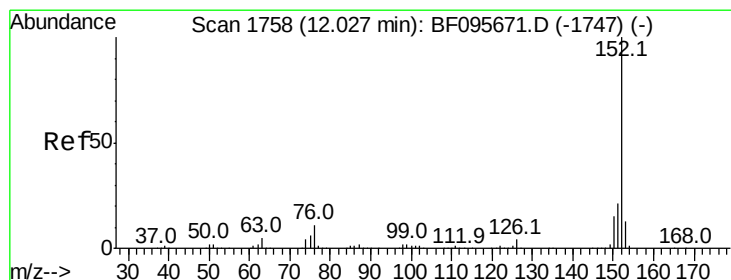
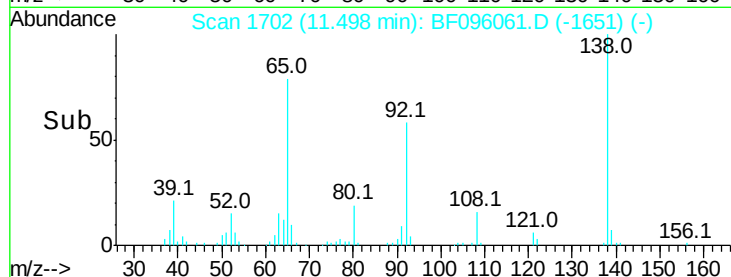
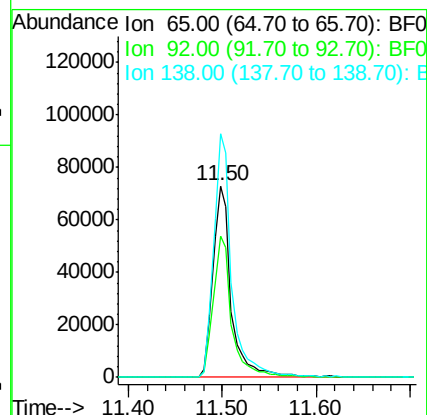
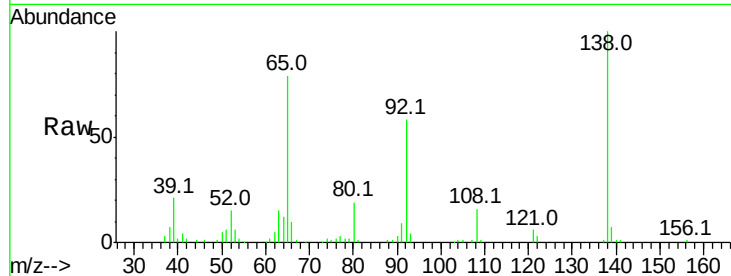
Tot Ion: 65 Resp: 101310

Ion Ratio Lower Upper

65 100

92 73.9 53.9 80.9

138 127.3 78.8 118.2#



#48

Acenaphthylene

Concen: 43.74 ng

RT: 11.92 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

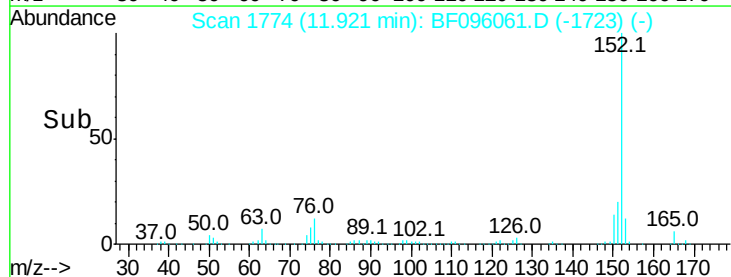
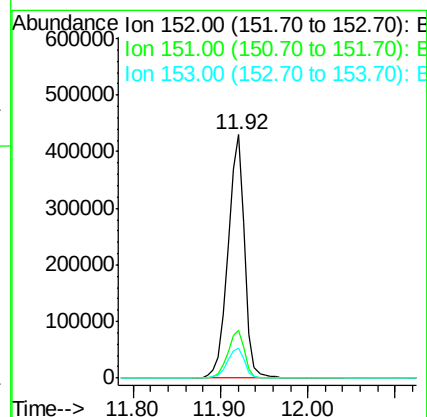
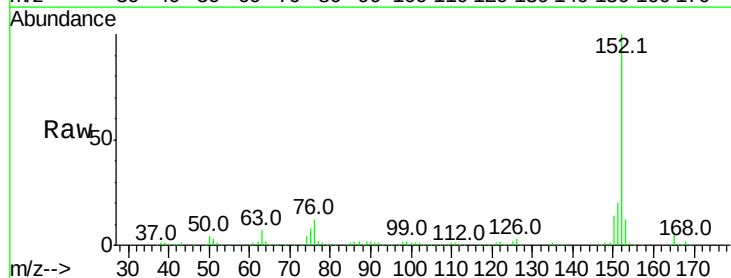
Tgt Ion:152 Resp: 566966

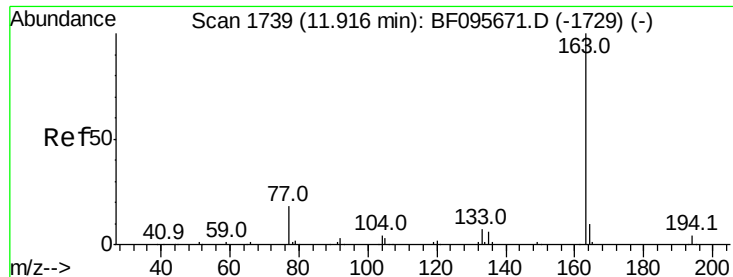
Ion Ratio Lower Upper

152 100

151 19.7 16.8 25.2

153 12.3 10.8 16.2





#49

Dimethylphthalate

Concen: 59.00 ng

RT: 11.82 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampled :

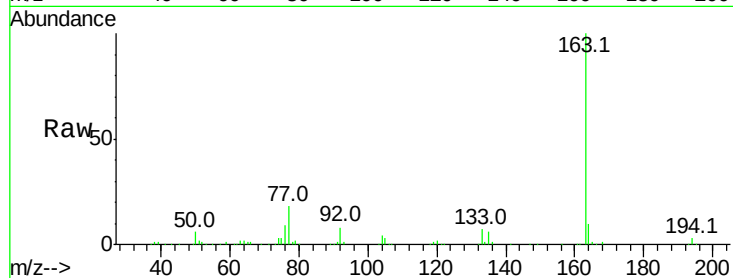
Tot Ion:163 Resp: 527330

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

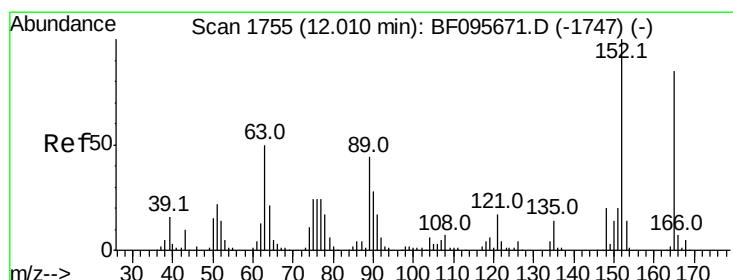
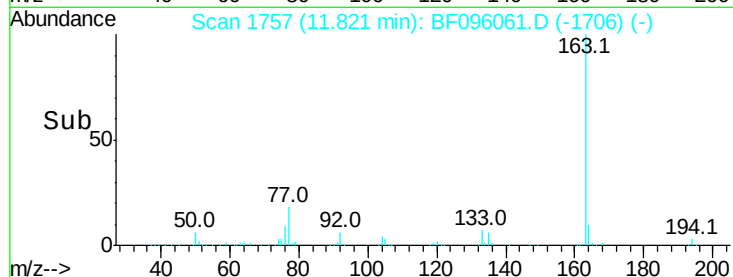
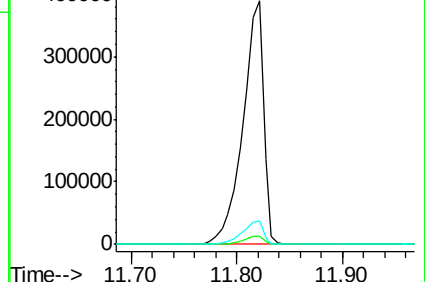
164 9.7 8.4 12.6



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: 35.43 ng

RT: 11.92 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

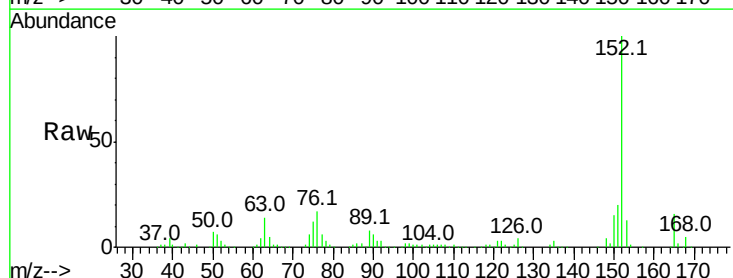
Tgt Ion:165 Resp: 69067

Ion Ratio Lower Upper

165 100

63 85.8 34.3 51.5#

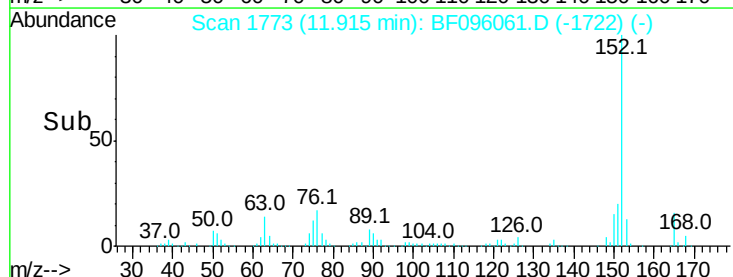
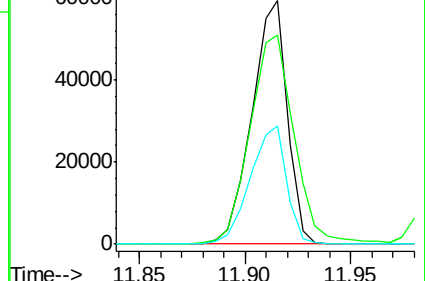
89 48.6 37.1 55.7

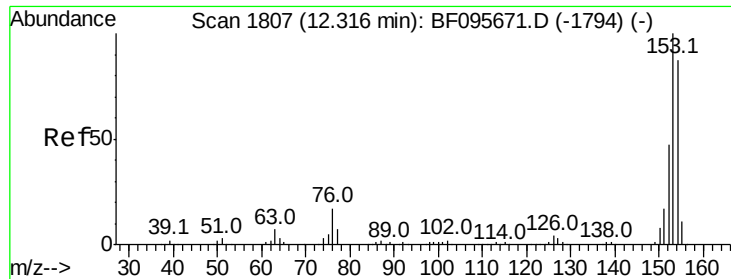


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.35 ng

RT: 12.20 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

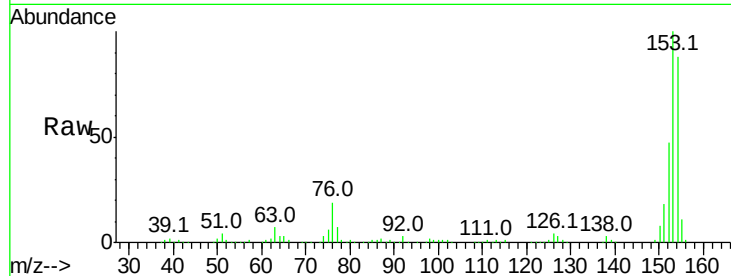
Tot Ion:154 Resp: 302048

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

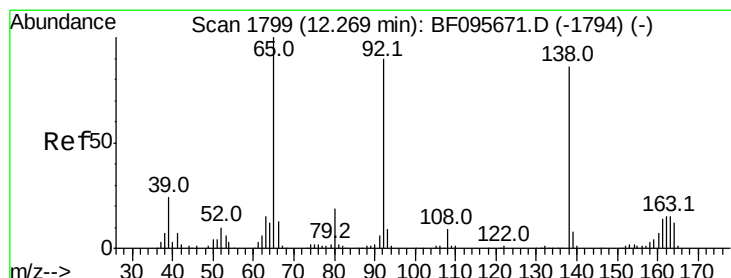
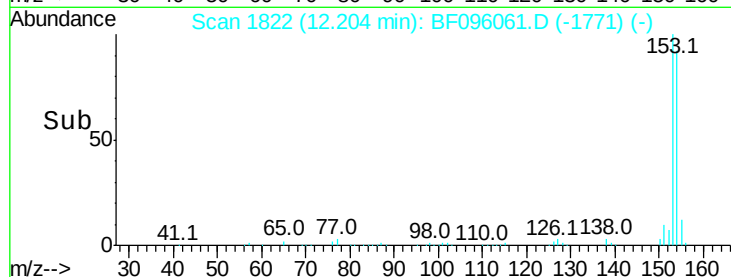
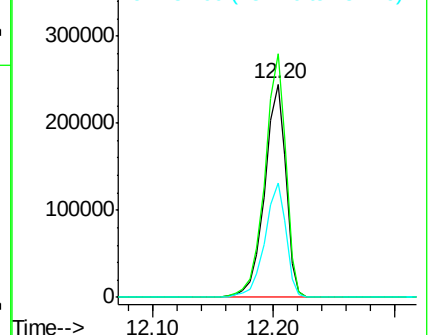
152 53.9 43.6 65.4



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: 39.30 ng

RT: 12.18 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

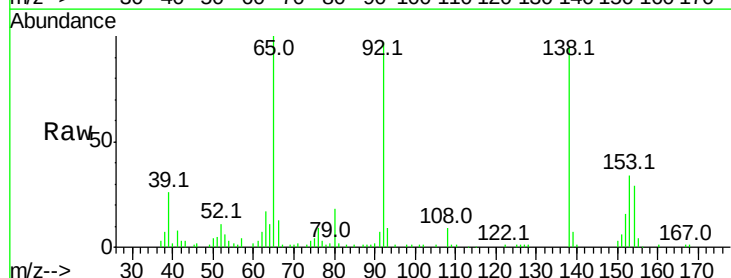
Tgt Ion:138 Resp: 89260

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

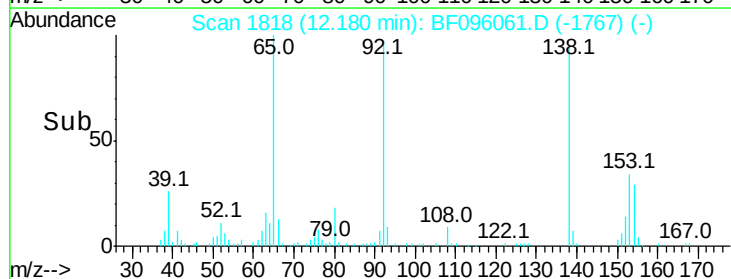
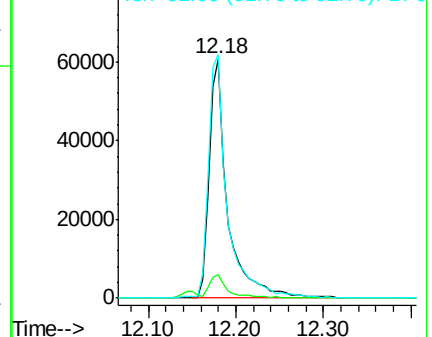
92 102.1 93.8 140.6

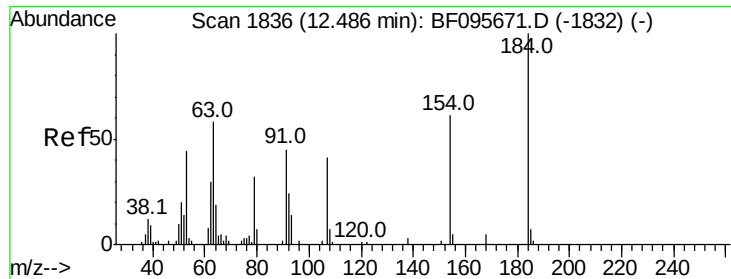


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

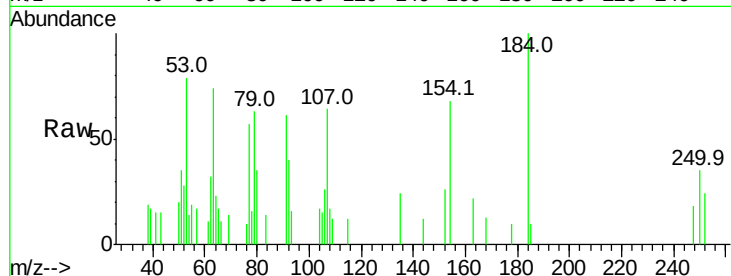




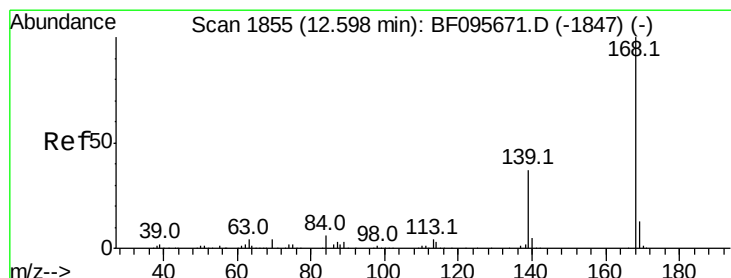
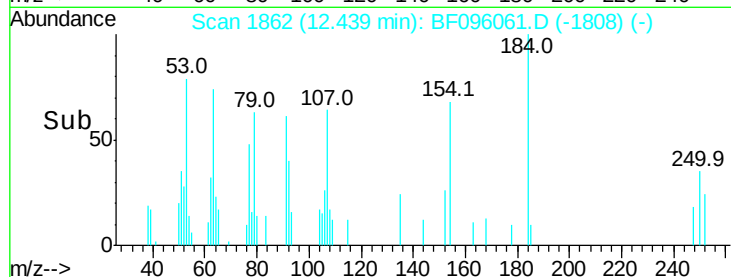
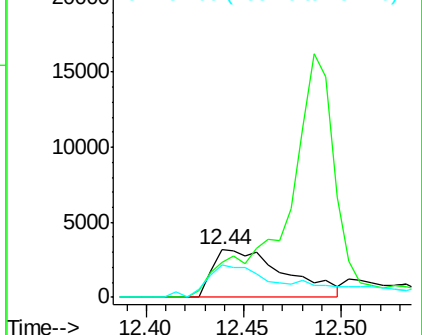
#53
2,4-Dinitrophenol
Concen: 13.35 ng
RT: 12.44 min Scan# 1862
Delta R.T. 0.02 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 8263
Ion Ratio Lower Upper
184 100
63 74.4 62.7 94.1
154 68.0 81.1 121.7#

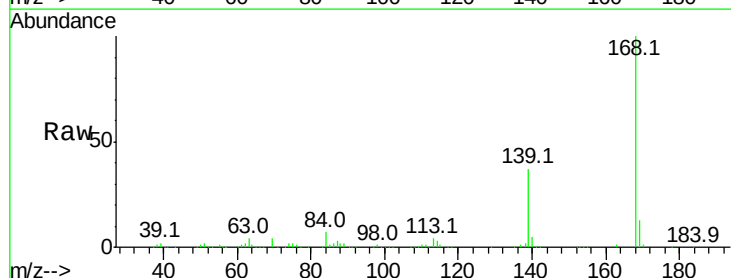


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

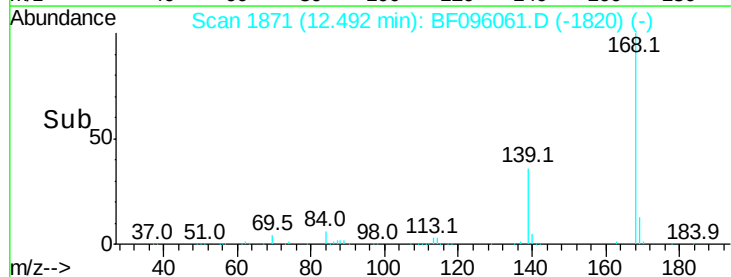
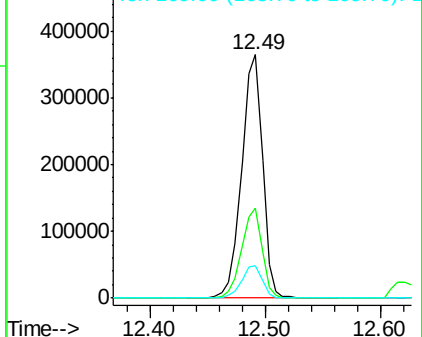


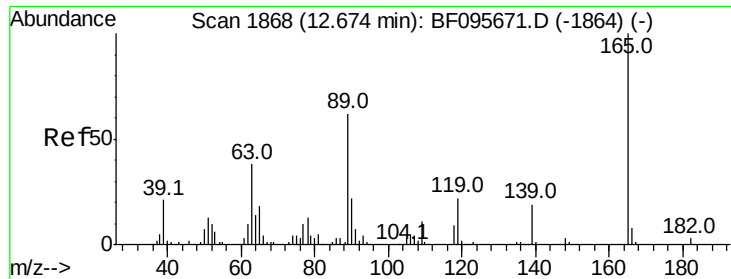
#54
Dibenzofuran
Concen: 43.49 ng
RT: 12.49 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:168 Resp: 458271
Ion Ratio Lower Upper
168 100
139 36.7 30.6 45.8
169 13.3 10.8 16.2



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

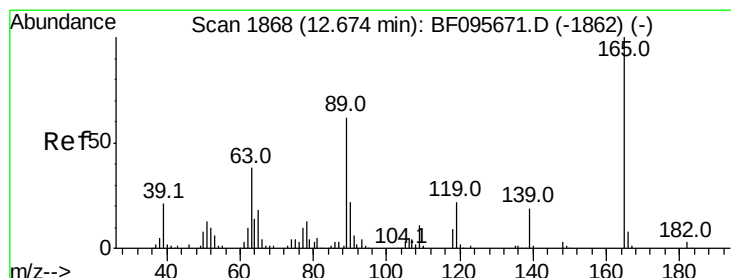
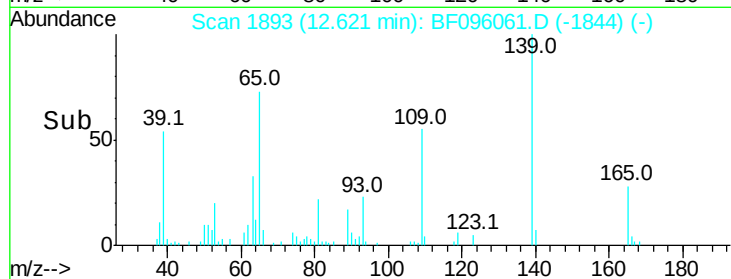
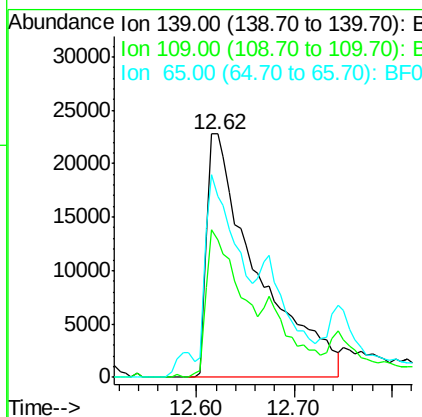
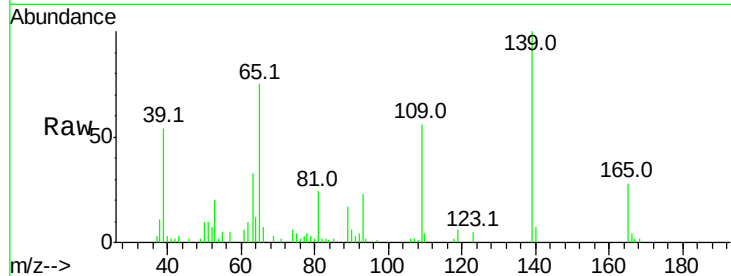




#55
4-Nitrophenol
Concen: 62.43 ng
RT: 12.62 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

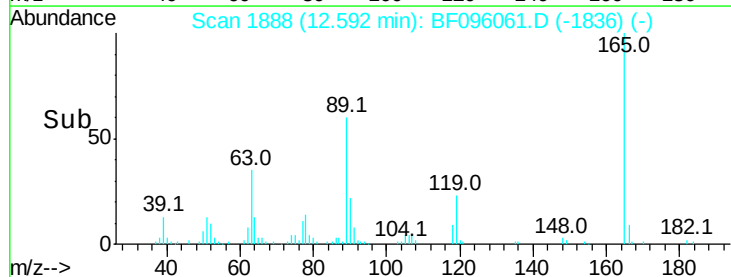
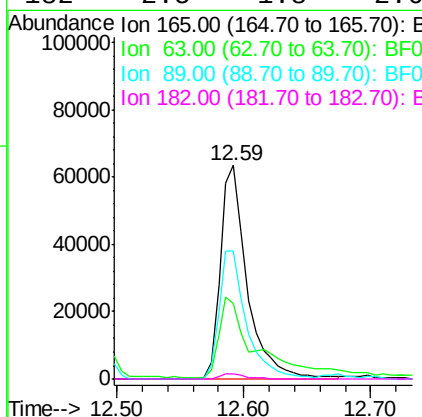
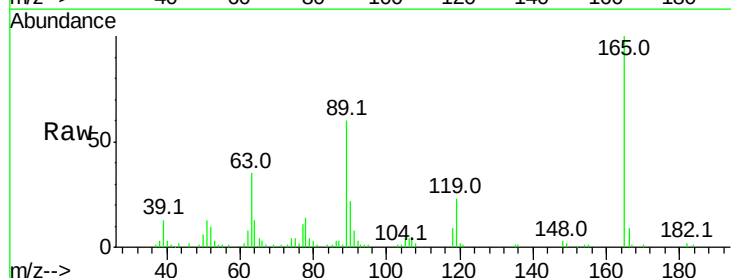
Instrument :
BNA_F
ClientSampleId :

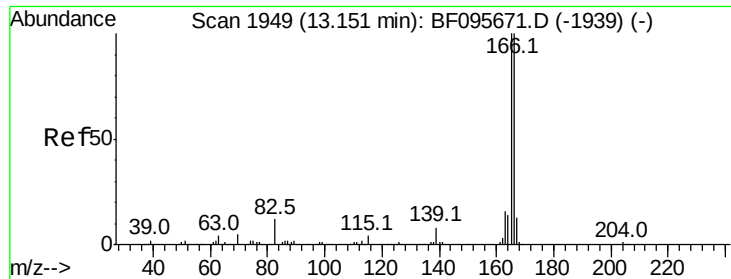
Tot Ion:139 Resp: 81358
Ion Ratio Lower Upper
139 100
109 56.4 34.1 74.1
65 74.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 35.46 ng
RT: 12.59 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:165 Resp: 93362
Ion Ratio Lower Upper
165 100
63 35.3 25.4 38.0
89 60.1 46.4 69.6
182 2.5 1.8 2.6





#57

Fluorene

Concen: 40.12 ng

RT: 13.04 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

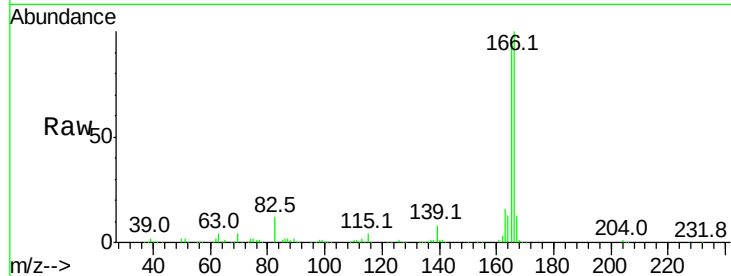
Tot Ion:166 Resp: 367833

Ion Ratio Lower Upper

166 100

165 96.4 78.8 118.2

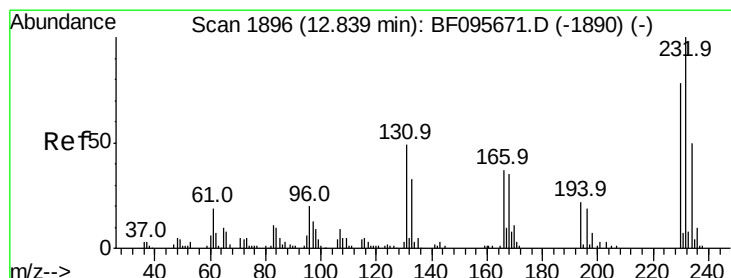
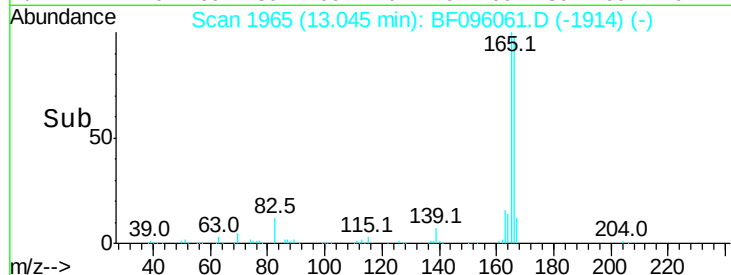
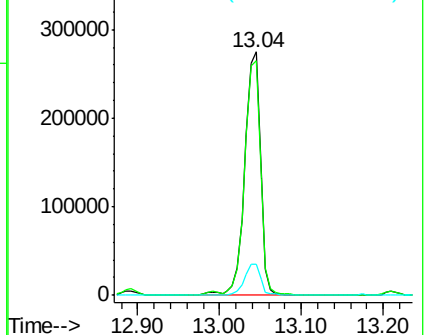
167 13.0 10.6 16.0



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: 42.21 ng

RT: 12.75 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Tgt Ion:232 Resp: 69585

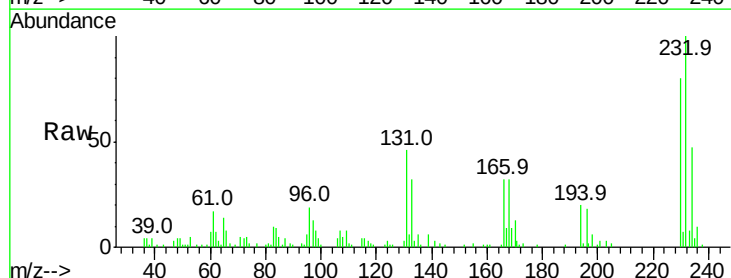
Ion Ratio Lower Upper

232 100

131 52.1 44.8 67.2

130 2.1 2.3 3.5#

166 31.6 29.0 43.4

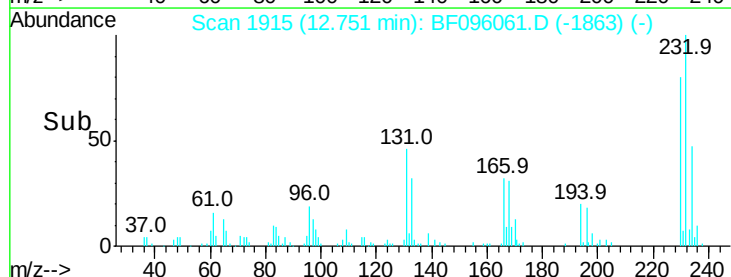
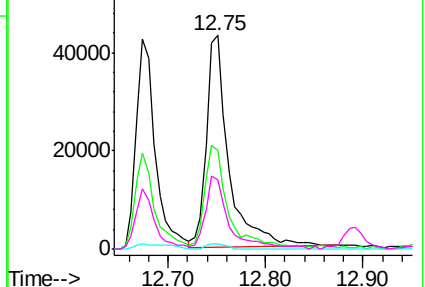


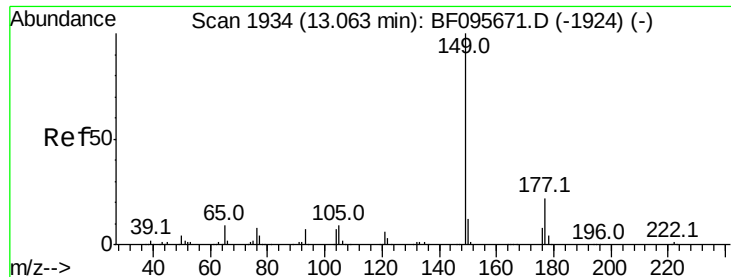
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

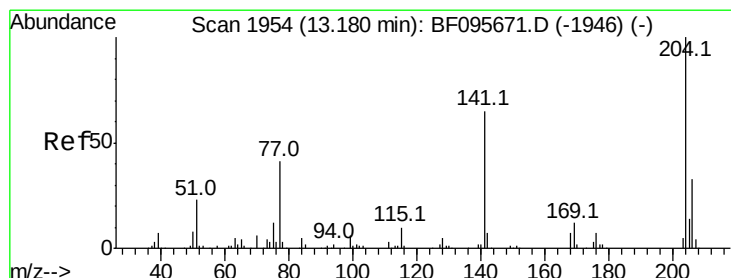
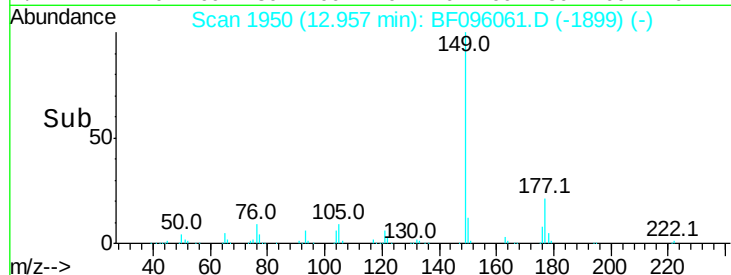
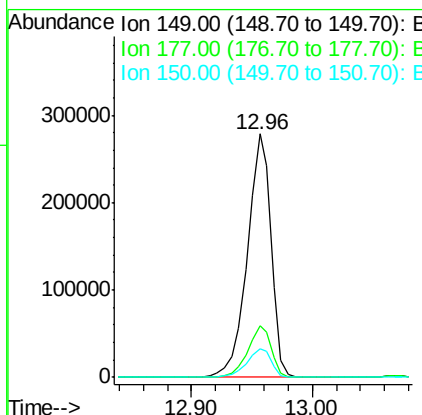
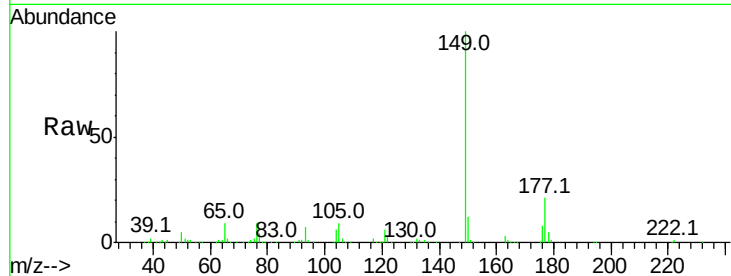




#59
Diethylphthalate
Concen: 44.39 ng
RT: 12.96 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

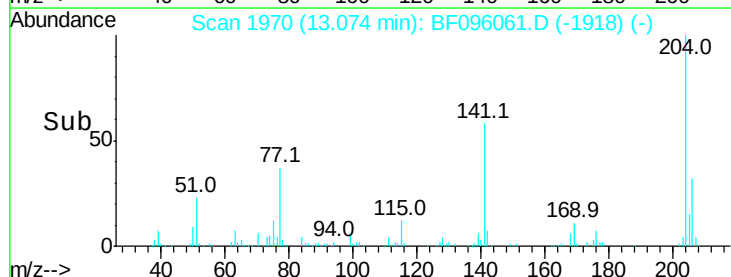
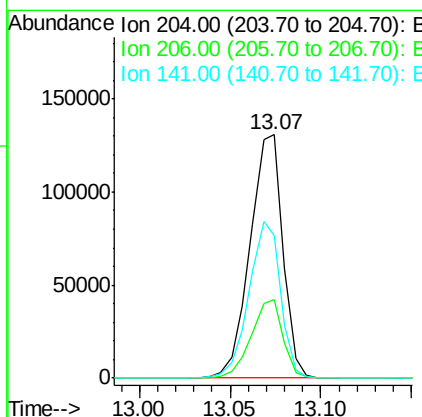
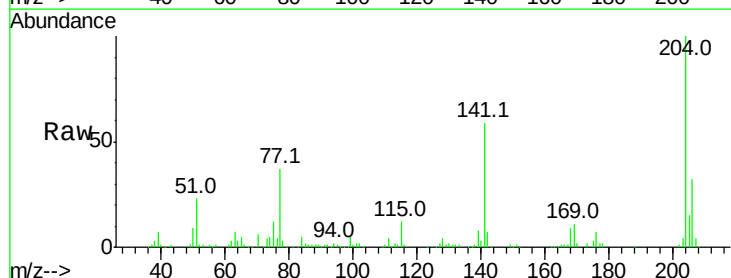
Instrument :
BNA_F
ClientSampled :

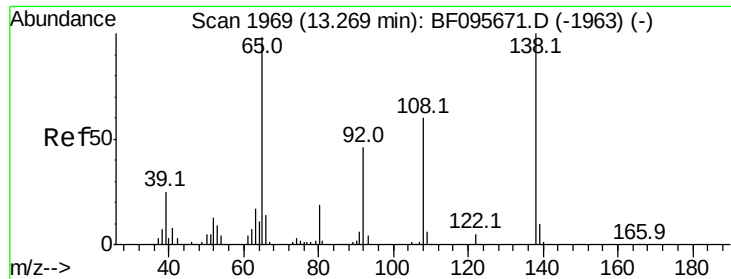
Tot Ion:149 Resp: 381831
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 11.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.30 ng
RT: 13.07 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:204 Resp: 164668
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 58.5 60.8 91.2#

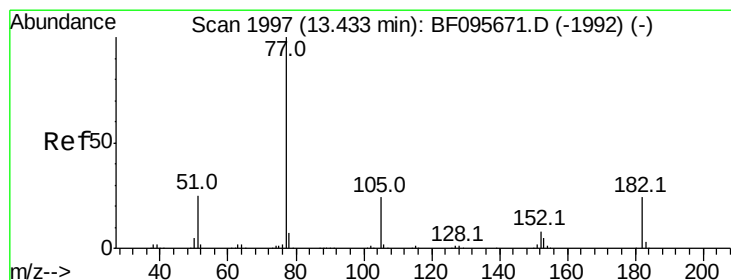
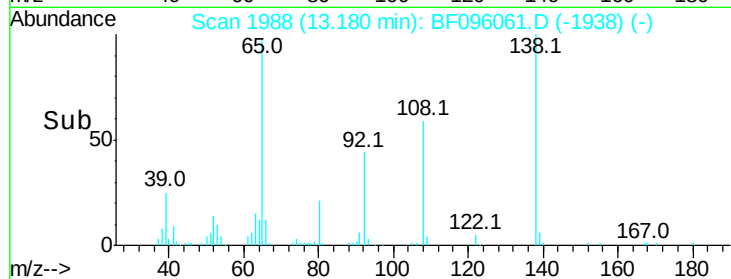
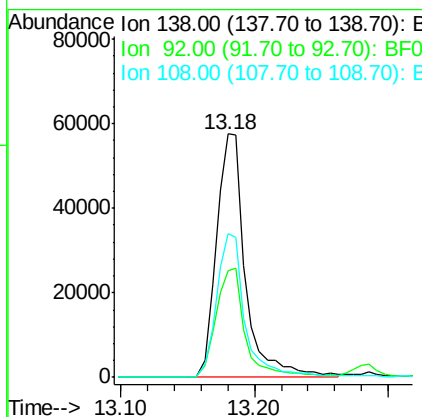
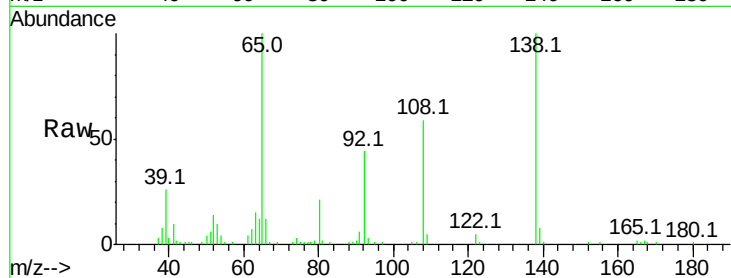




#61
 4-Nitroaniline
 Concen: 41.53 ng
 RT: 13.18 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

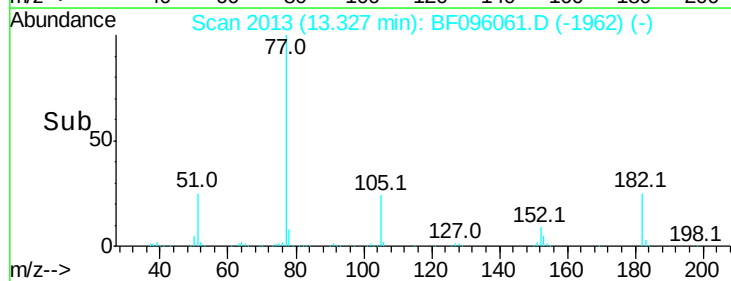
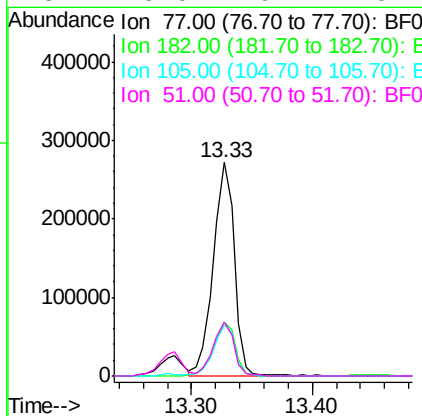
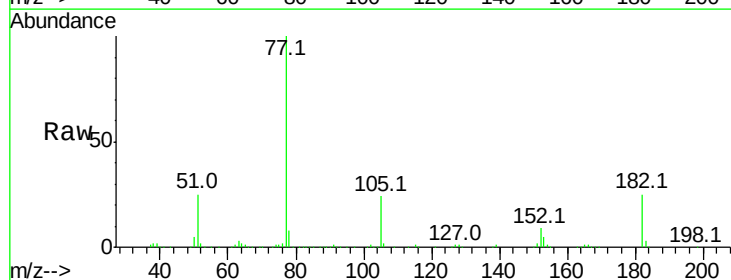
Instrument :
 BNA_F
 ClientSampleId :

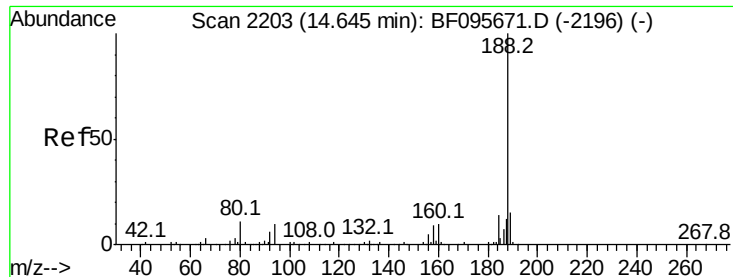
Tot Ion:138	Resp: 88079
Ion Ratio	Lower Upper
138 100	
92 44.0	21.8 61.8
108 59.3	42.3 82.3



#62
 Azobenzene
 Concen: 41.70 ng
 RT: 13.33 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion: 77	Resp: 325048
Ion Ratio 77 100	Lower Upper
182 25.1	0.1 40.1
105 23.8	3.6 43.6
51 25.0	9.4 49.4

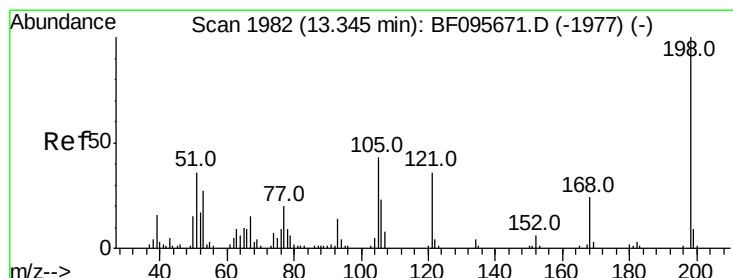
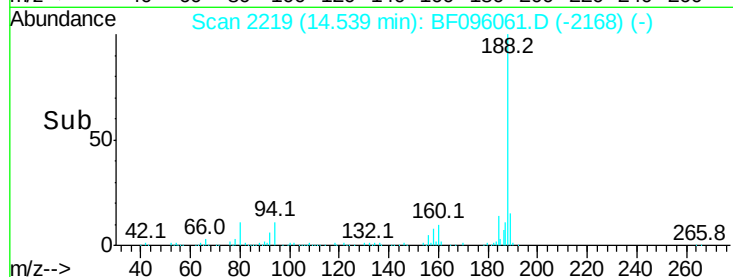
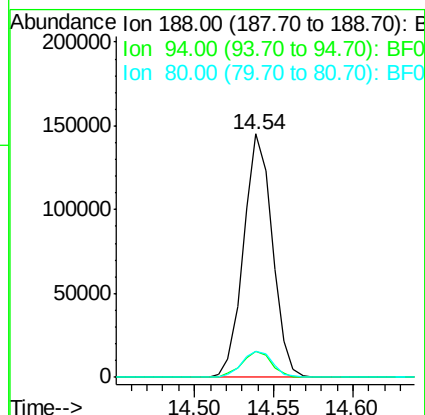
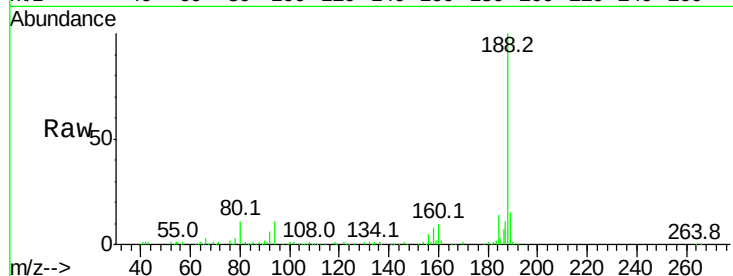




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

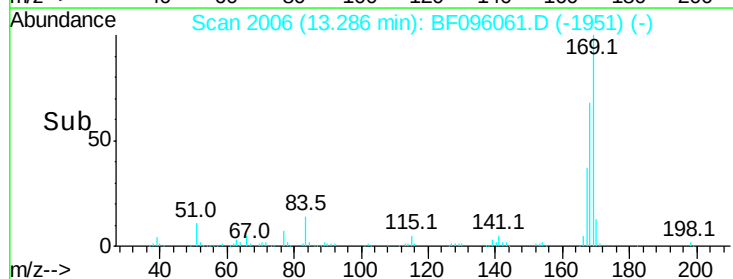
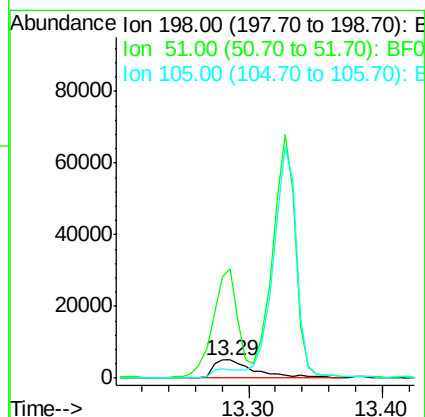
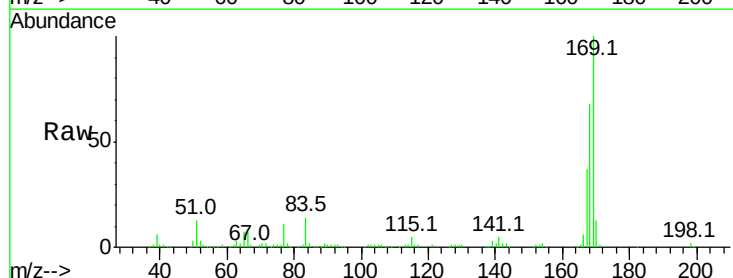
Instrument :
BNA_F
ClientSampleId :

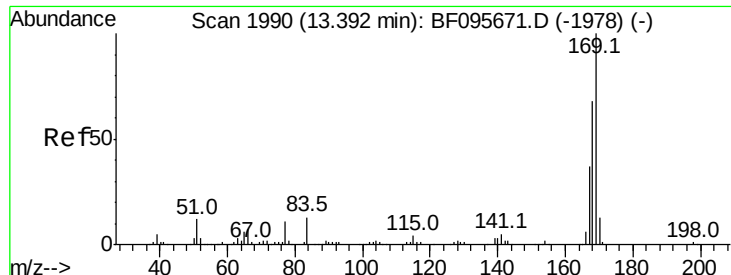
Tot Ion:188 Resp: 182656
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 9.40 ng
RT: 13.29 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:198 Resp: 11280
Ion Ratio Lower Upper
198 100
51 608.7 53.2 93.2#
105 45.1 45.8 85.8#

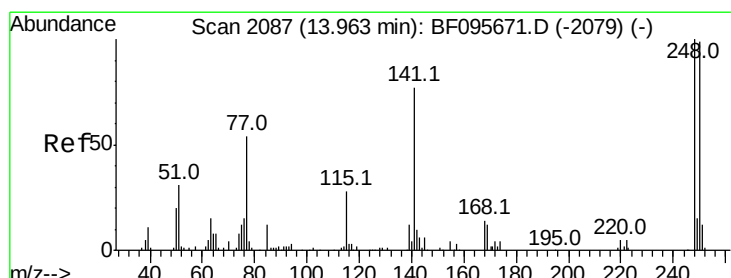
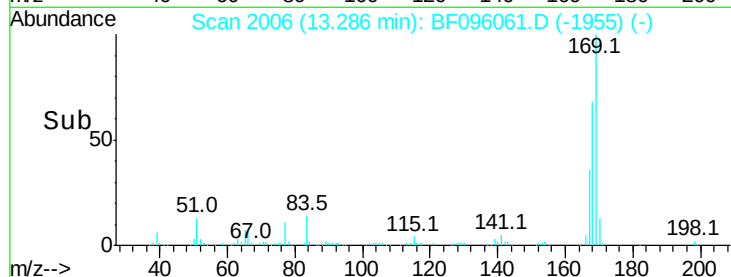
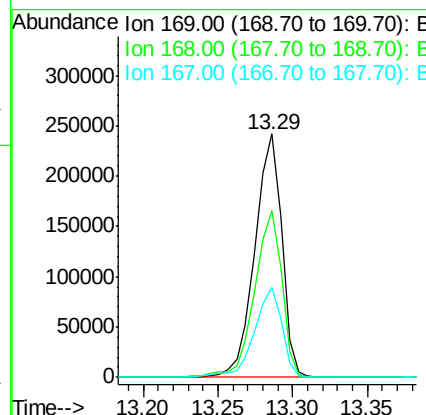
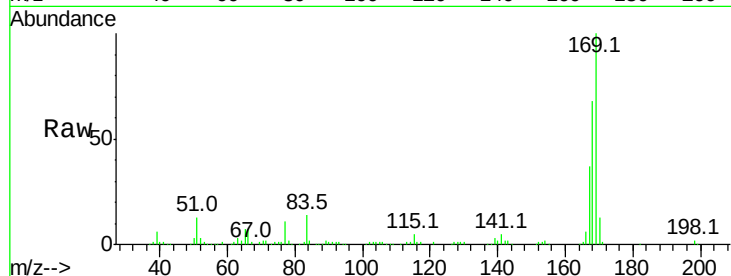




#65
 n-Nitrosodiphenylamine
 Concen: 45.81 ng
 RT: 13.29 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

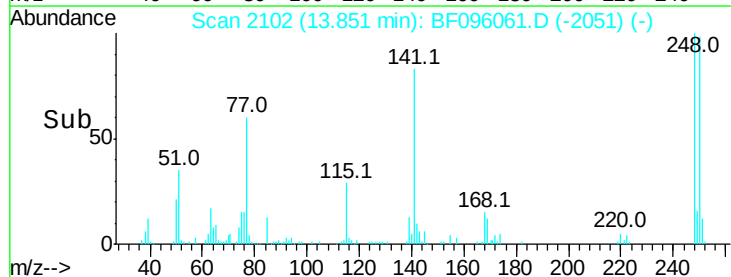
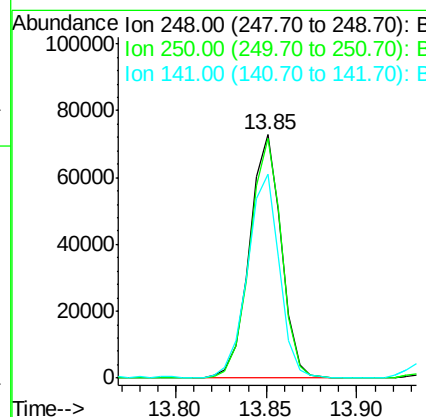
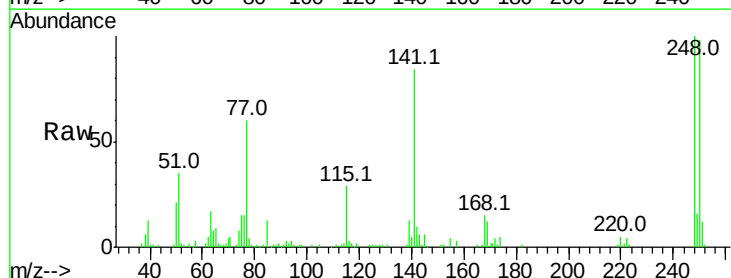
Instrument :
 BNA_F
 ClientSampleId :

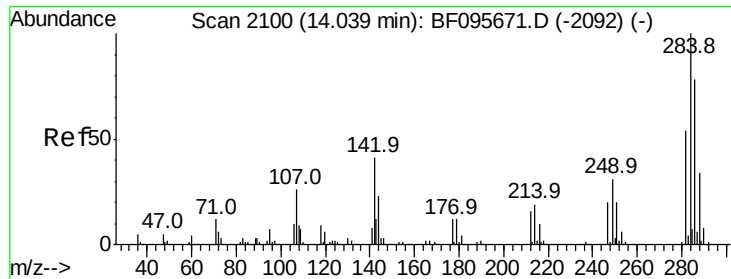
Tot Ion:169 Resp: 300672
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.2 79.8
 167 36.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 46.65 ng
 RT: 13.85 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion:248 Resp: 88556
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.8 115.2
 141 83.5 68.6 103.0

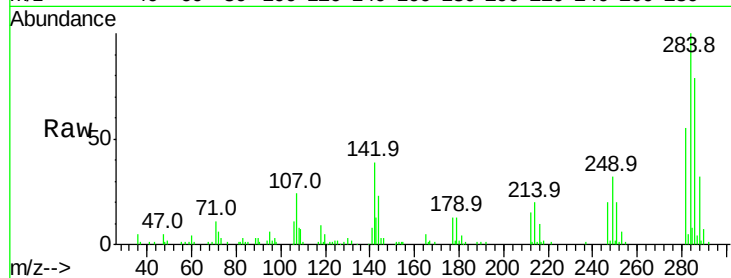




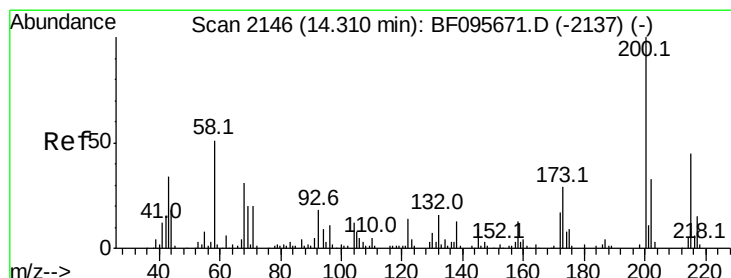
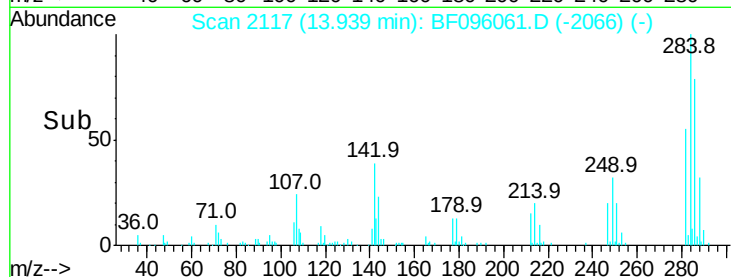
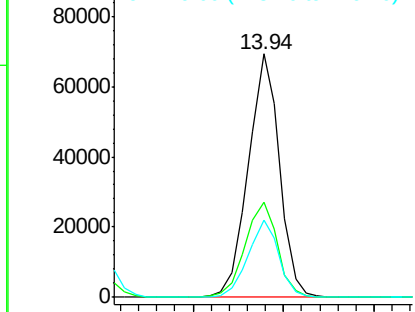
#67
Hexachlorobenzene
Concen: 44.19 ng
RT: 13.94 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 82660
Ion Ratio Lower Upper
284 100
142 39.0 22.8 34.2#
249 31.7 24.0 36.0

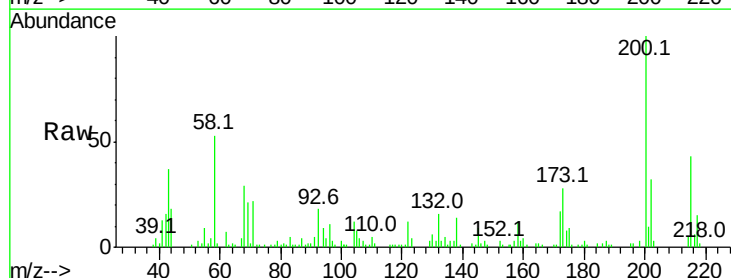


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

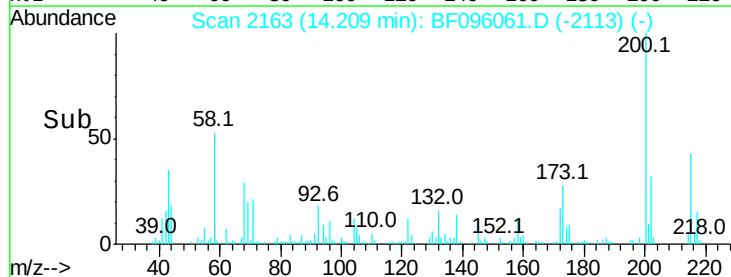
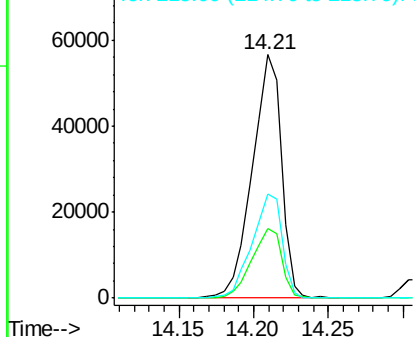


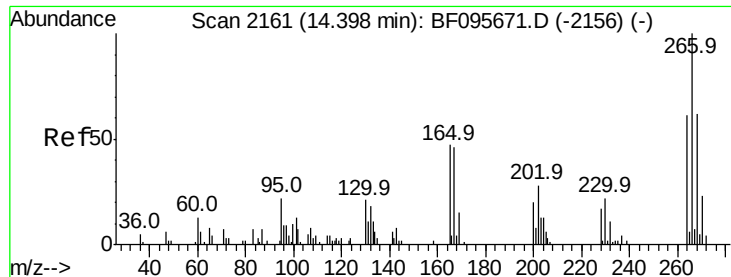
#68
Atrazine
Concen: 41.65 ng
RT: 14.21 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion:200 Resp: 76087
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 42.7 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

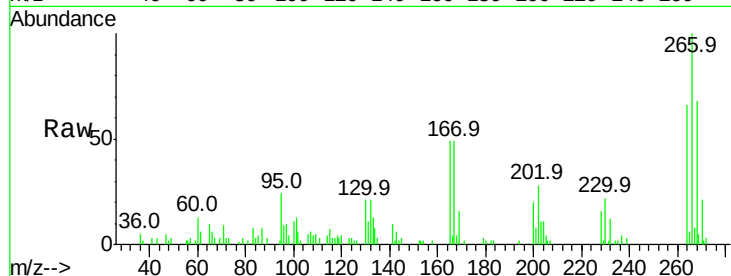




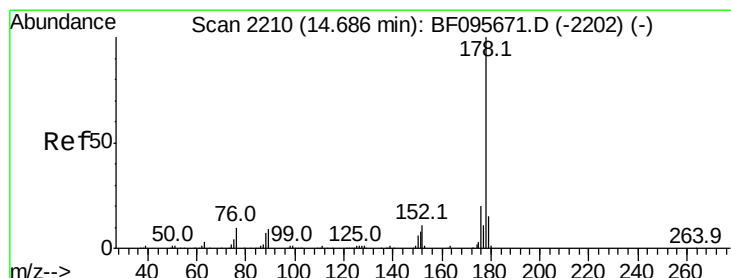
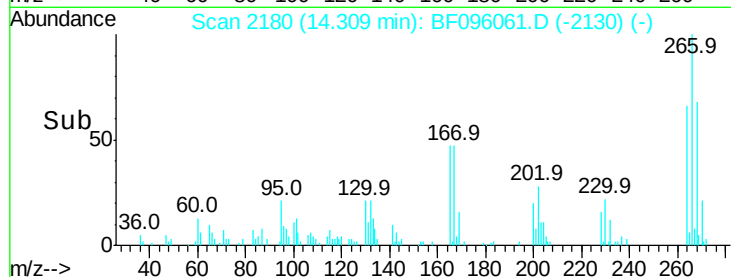
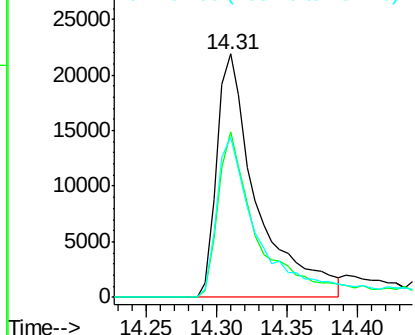
#69
 Pentachlorophenol
 Concen: 63.01 ng
 RT: 14.31 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.9	51.1	76.7
264	66.0	51.7	77.5

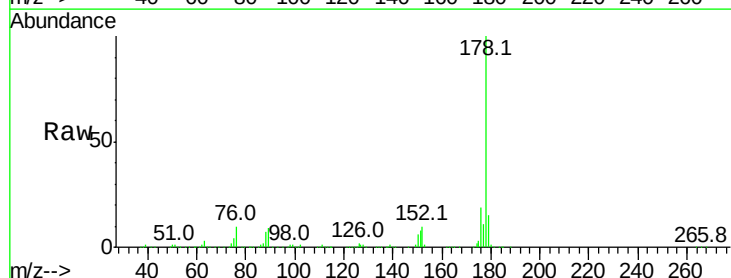


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

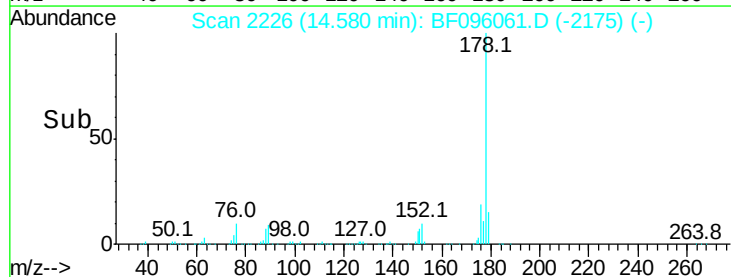
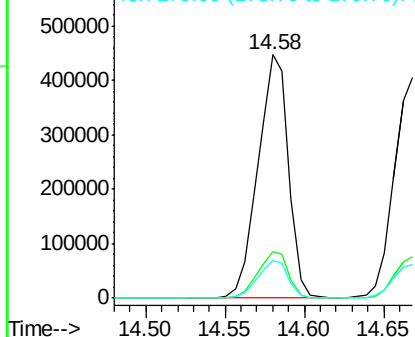


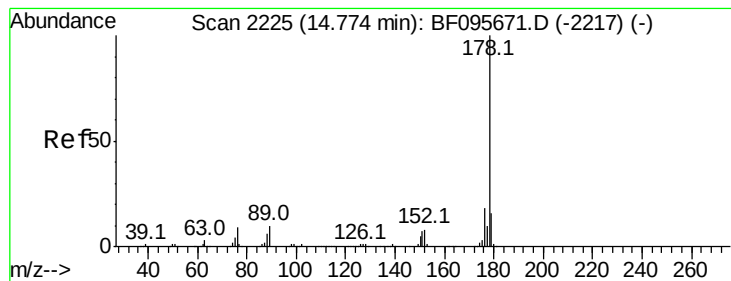
#70
 Phenanthrene
 Concen: 56.94 ng
 RT: 14.58 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.3	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: 47.18 ng

RT: 14.67 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampled :

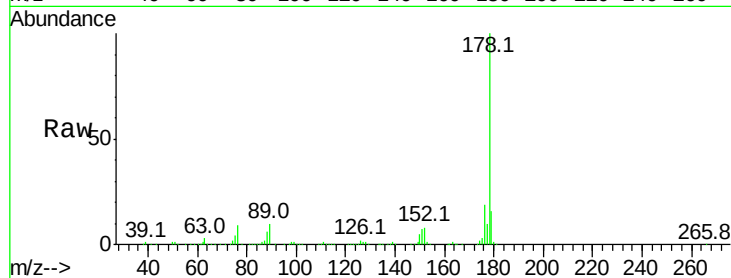
Tot Ion:178 Resp: 519064

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

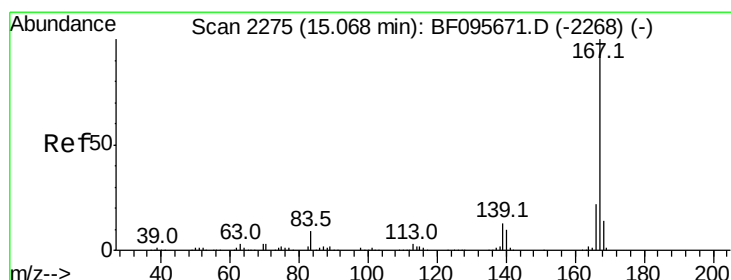
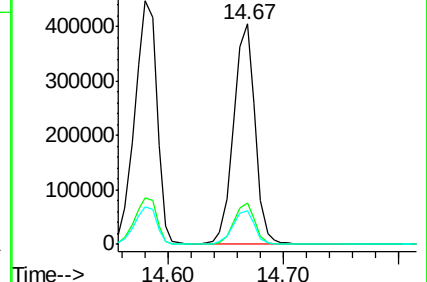
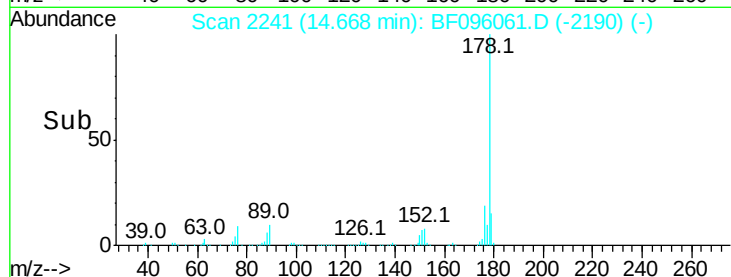
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.30 ng

RT: 14.97 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

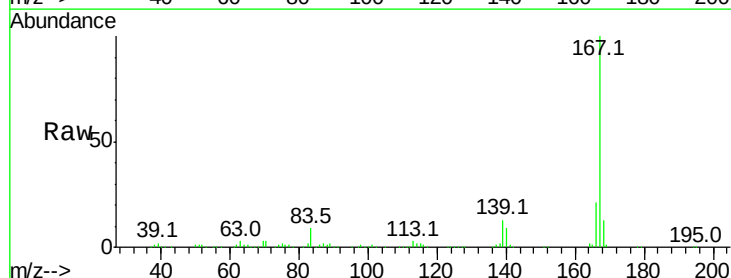
Tgt Ion:167 Resp: 432122

Ion Ratio Lower Upper

167 100

166 21.4 18.1 27.1

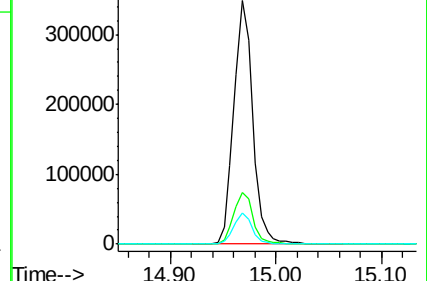
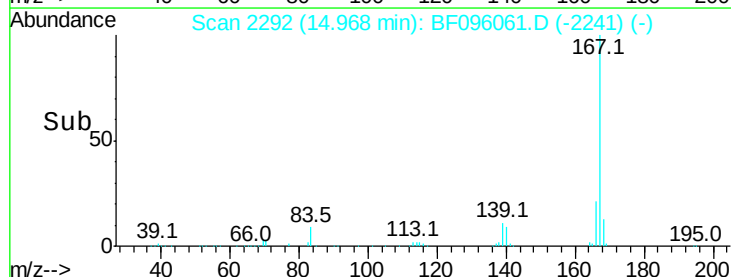
139 12.9 11.7 17.5

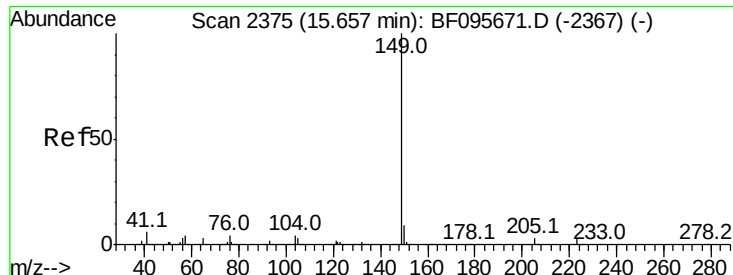


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.88 ng

RT: 15.56 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

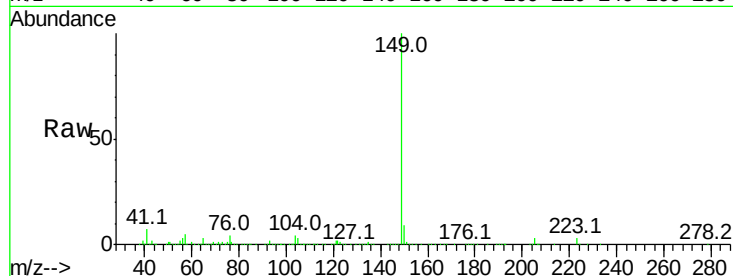
Tot Ion:149 Resp: 557593

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

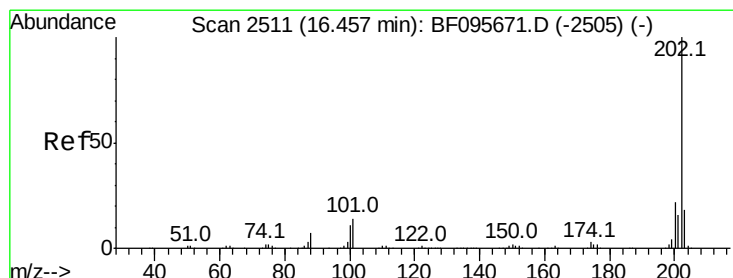
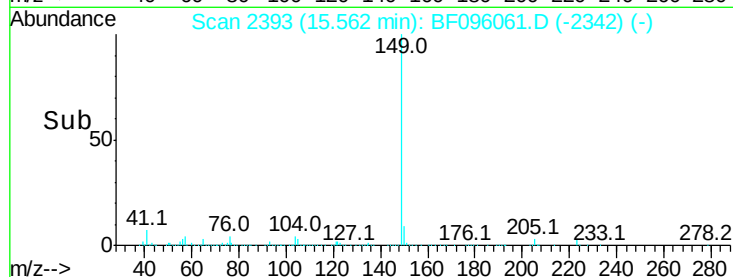
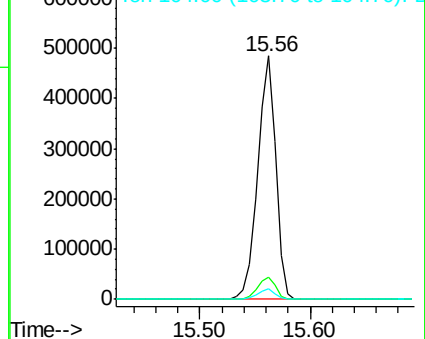
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 64.96 ng

RT: 16.37 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

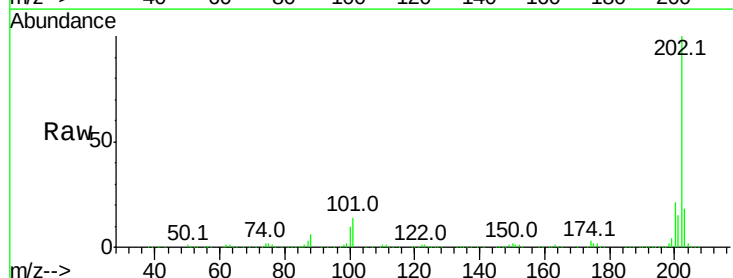
Tgt Ion:202 Resp: 677632

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

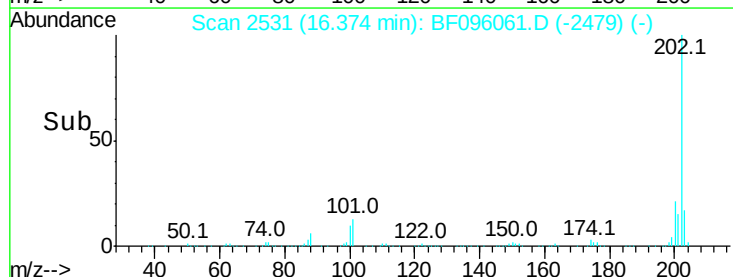
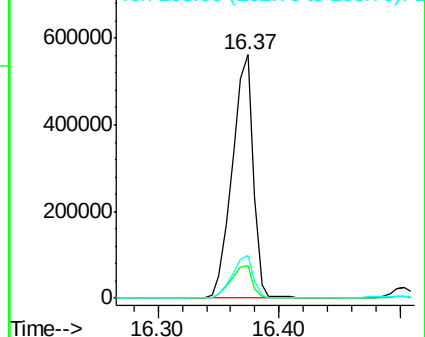
203 17.5 0.0 38.1

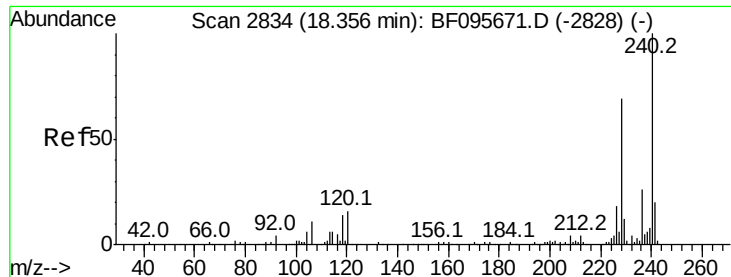


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.28 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

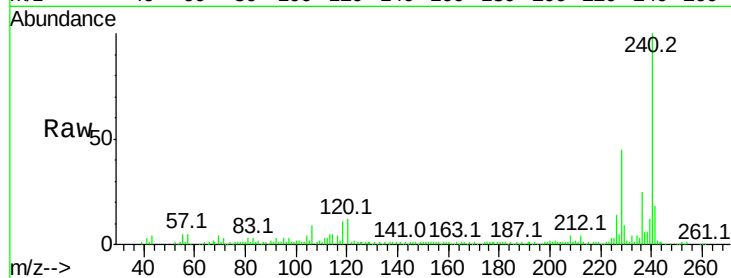
Tot Ion:240 Resp: 124986

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

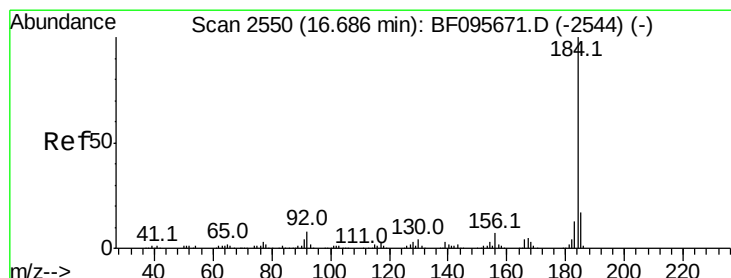
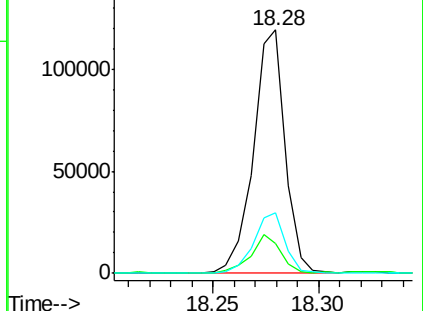
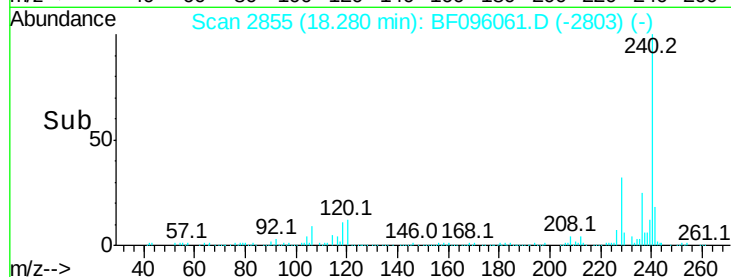
236 25.0 20.5 30.7



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: 34.77 ng

RT: 16.60 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

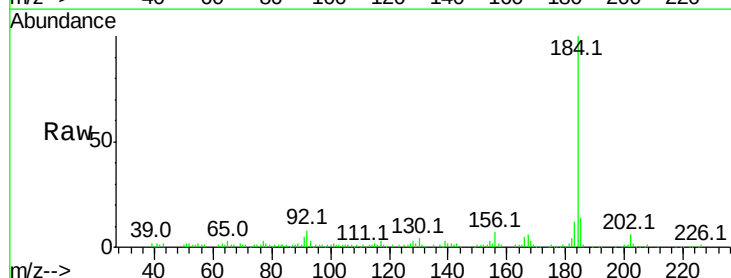
Tgt Ion:184 Resp: 166884

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

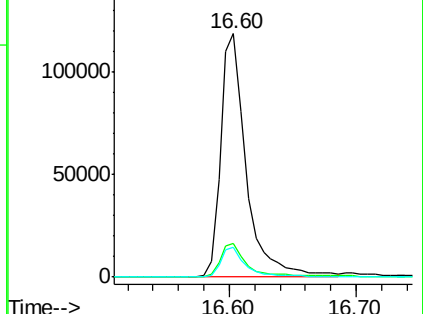
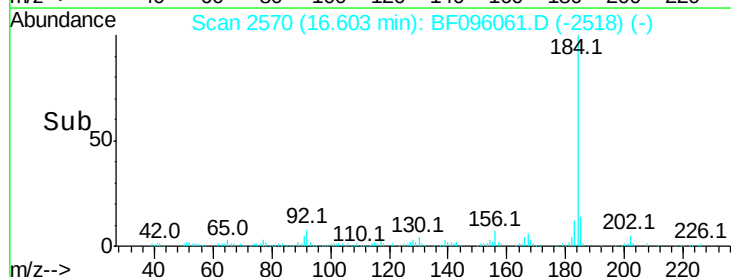
183 12.1 9.8 14.6

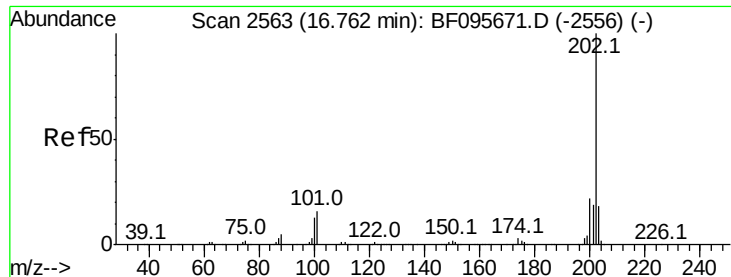


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 74.17 ng

RT: 16.67 min Scan# 2582

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

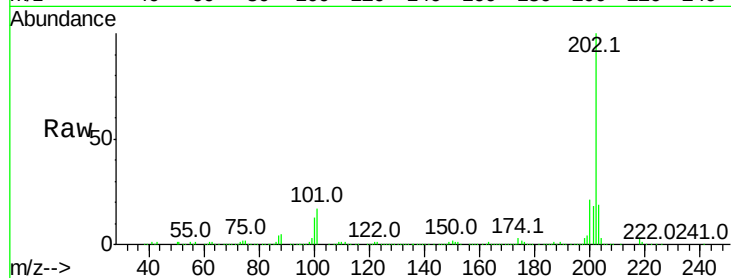
Tot Ion:202 Resp: 691705

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

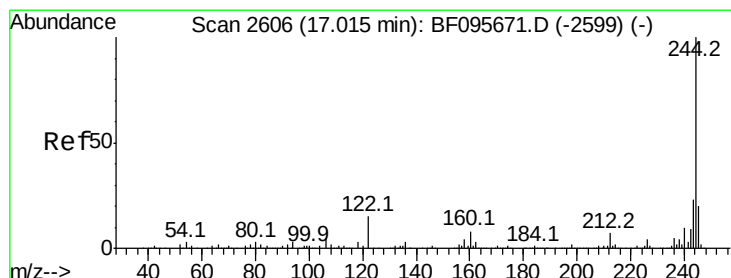
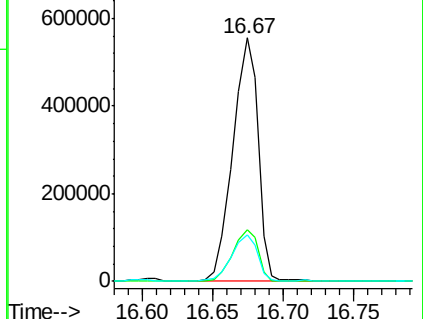
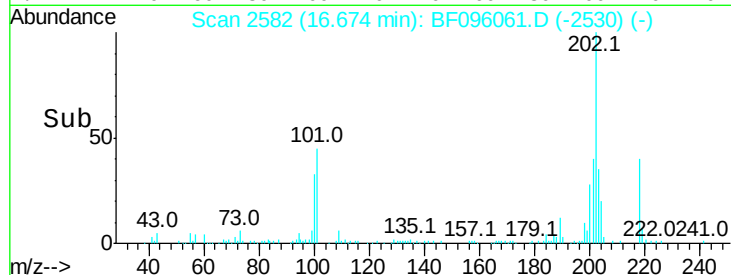
203 19.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.29 ng

RT: 16.93 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

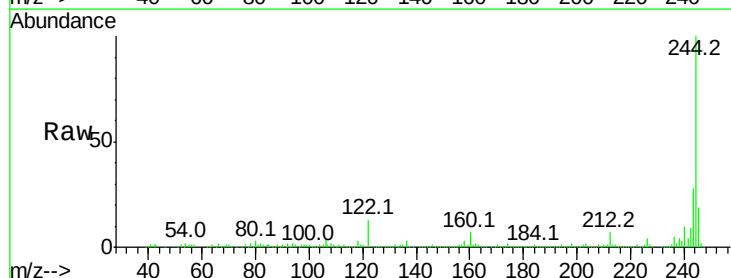
Tgt Ion:244 Resp: 379160

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

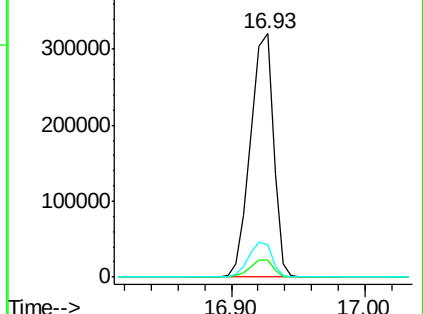
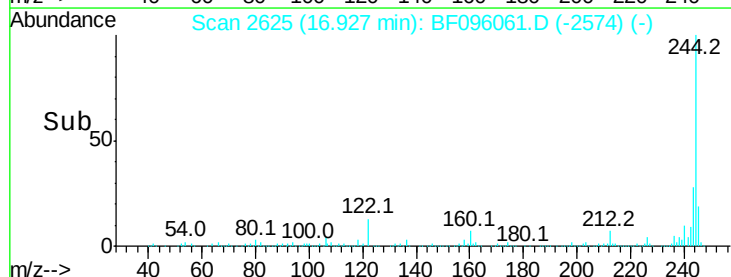
122 13.2 10.3 15.5

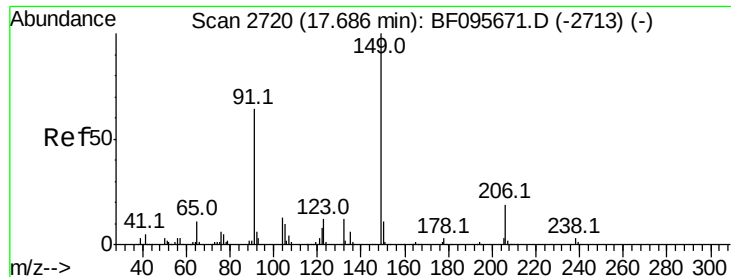


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

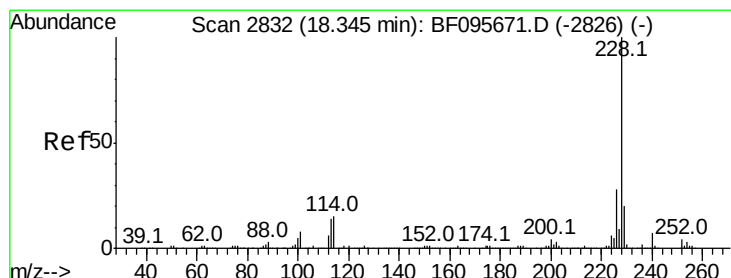
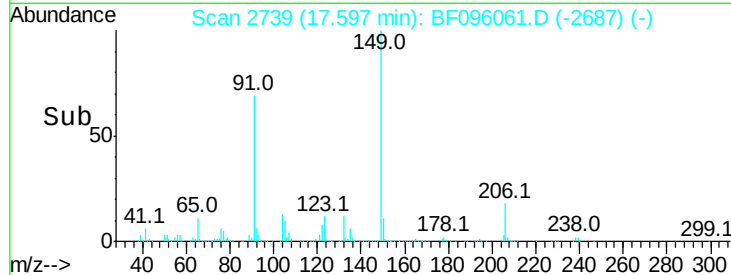
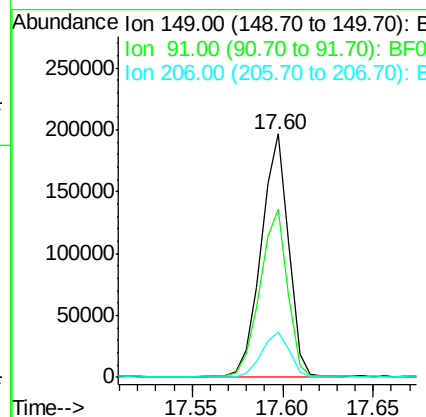
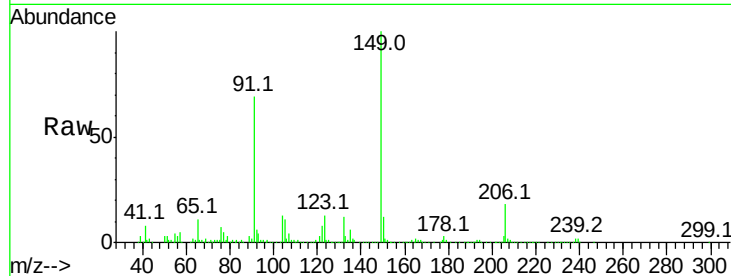




#79
 Butylbenzylphthalate
 Concen: 50.28 ng
 RT: 17.60 min Scan# 2739
 Delta R.T. 0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

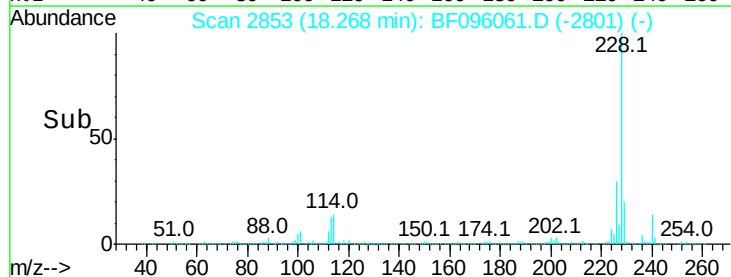
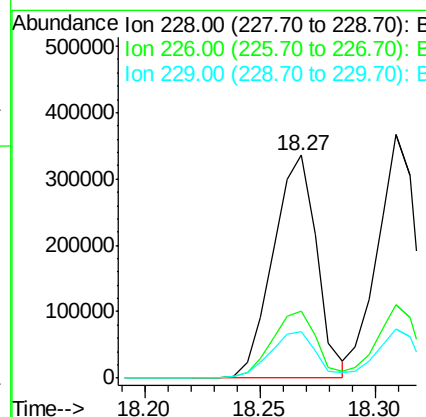
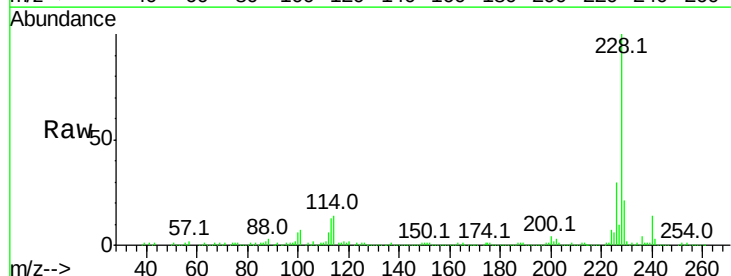
Instrument :
 BNA_F
 ClientSampleID :

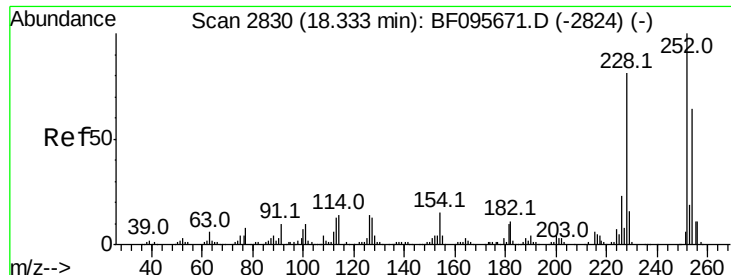
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	45.0	67.4#
206	18.4	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 60.55 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. 0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.6	16.3	24.5

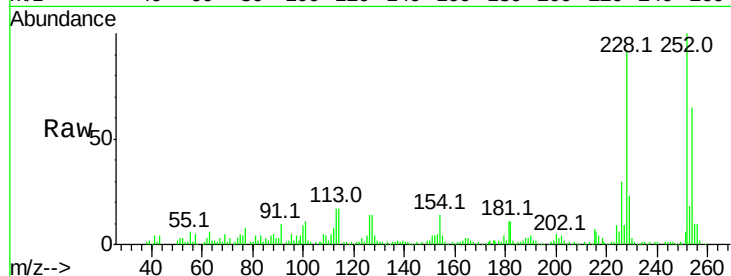




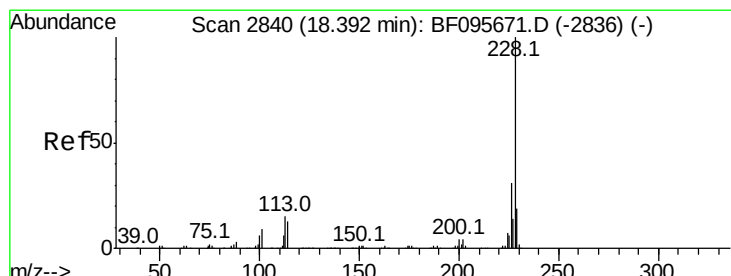
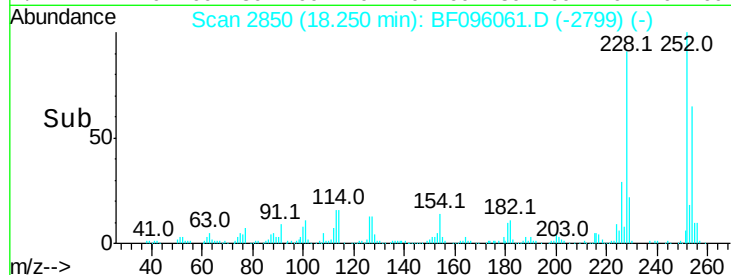
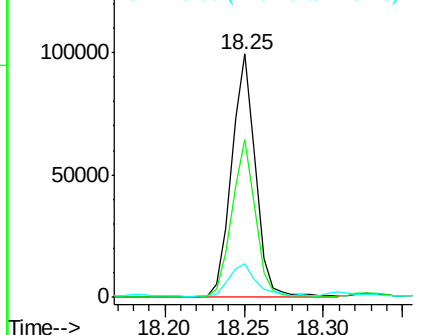
#81
 3,3'-Dichlorobenzidine
 Concen: 40.26 ng
 RT: 18.25 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	13.8	15.8	23.8

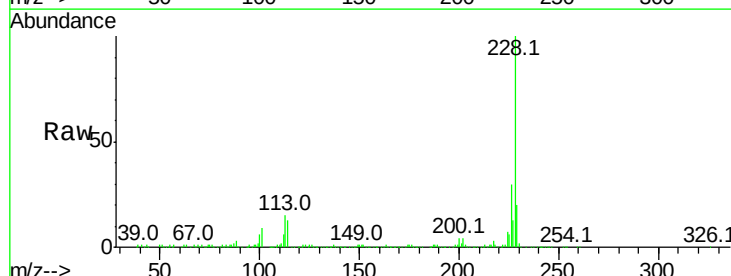


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

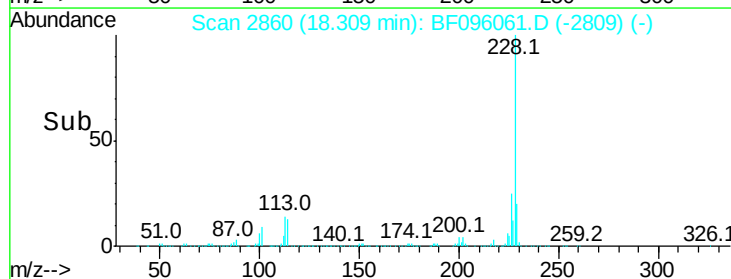
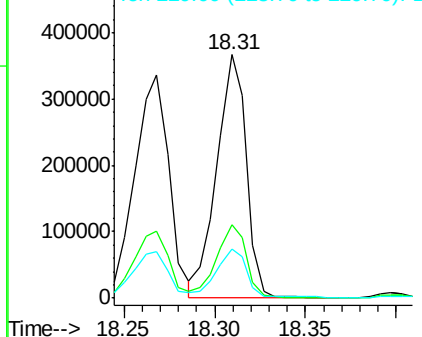


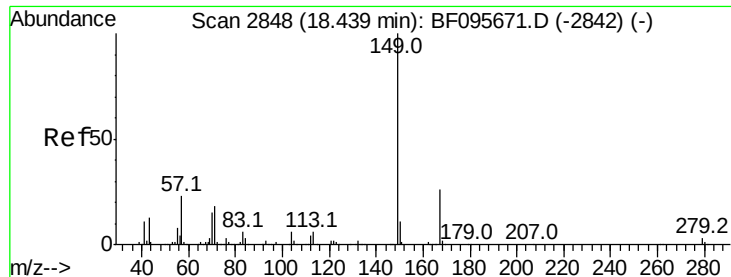
#82
 Chrysene
 Concen: 57.02 ng
 RT: 18.31 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.2	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

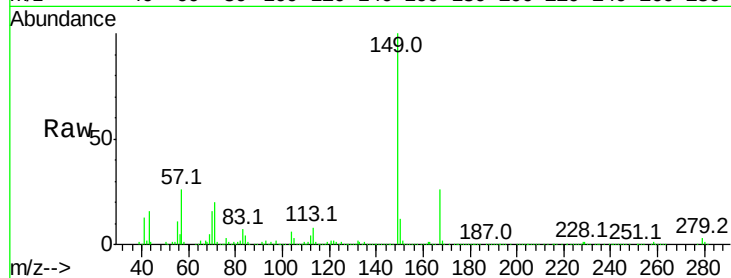




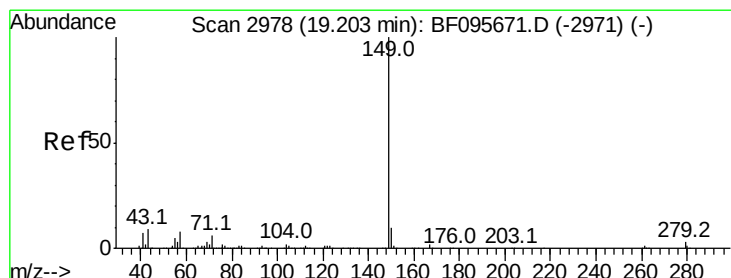
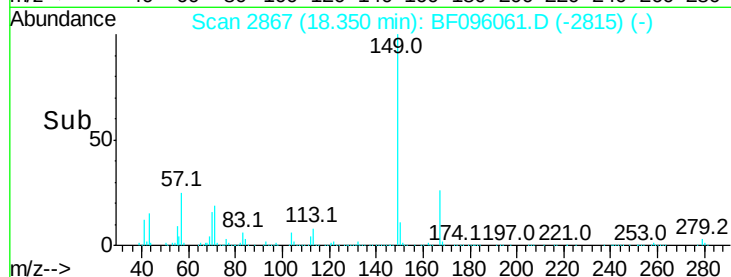
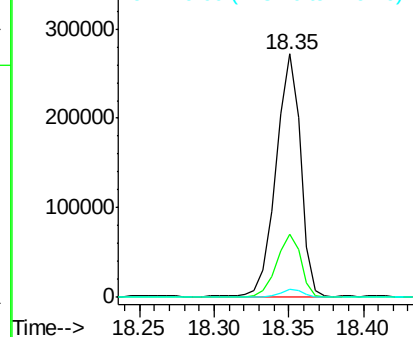
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.78 ng
 RT: 18.35 min Scan# 2867
 Delta R.T. 0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 308971
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.2 1.9 2.9#

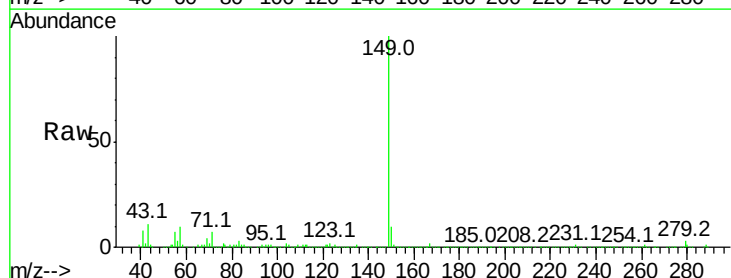


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

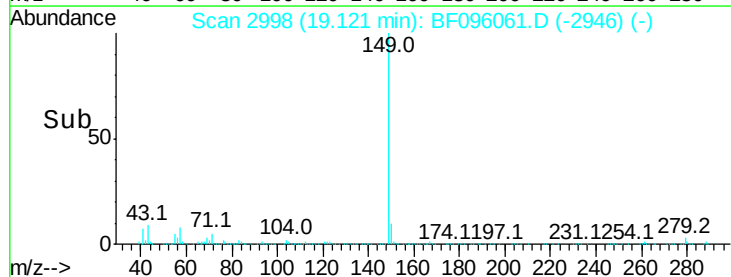
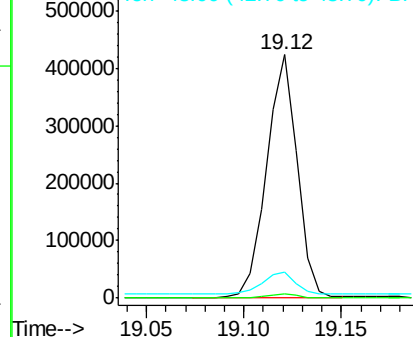


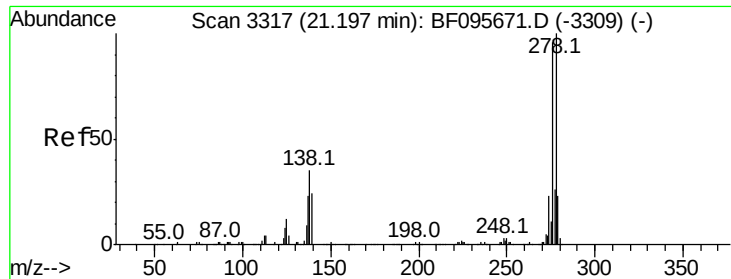
#84
 Di-n-octyl phthalate
 Concen: 47.83 ng
 RT: 19.12 min Scan# 2998
 Delta R.T. 0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion:149 Resp: 452836
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.5 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

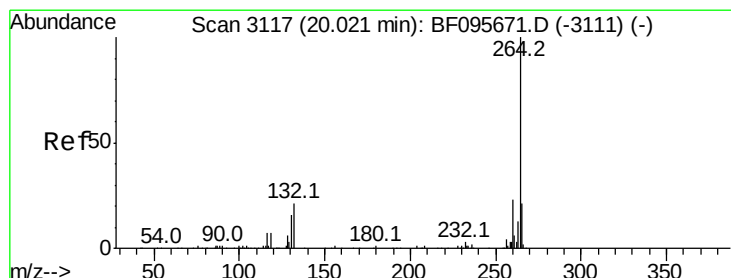
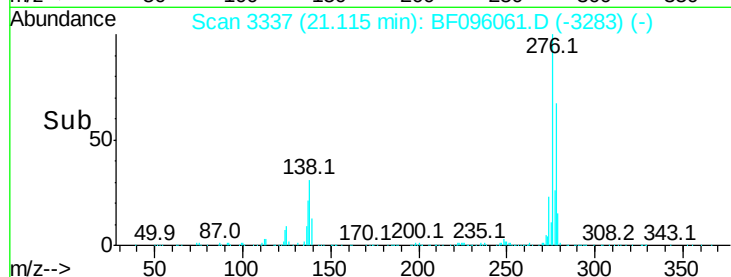
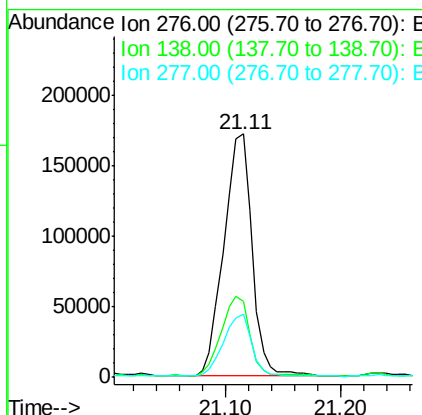
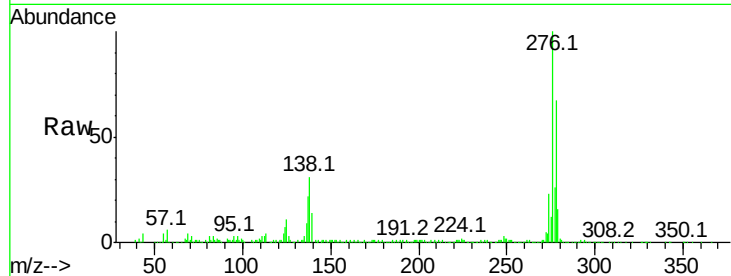




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.06 ng
 RT: 21.11 min Scan# 3337
 Delta R.T. 0.02 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

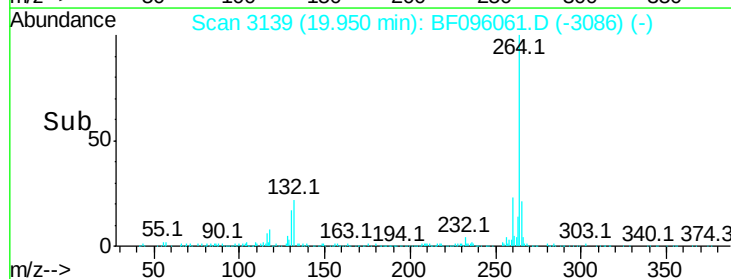
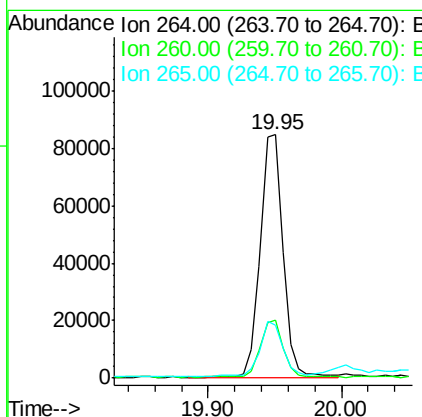
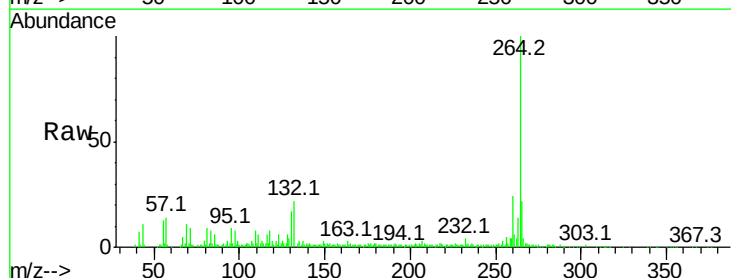
Instrument :
 BNA_F
 ClientSampleId :

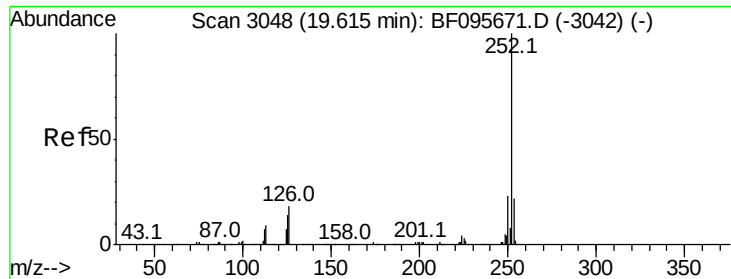
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.9	17.2	25.8

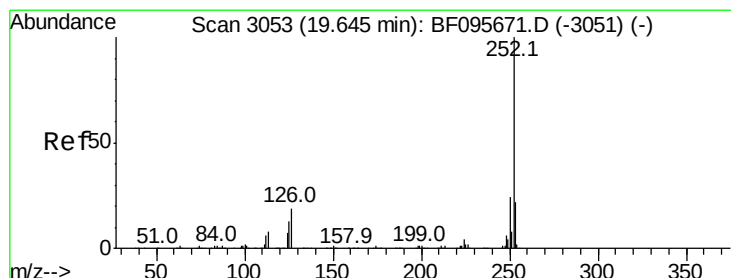
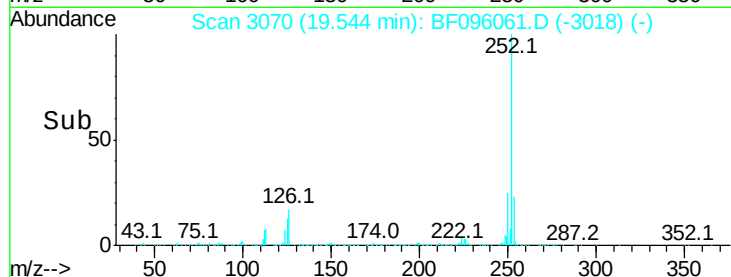
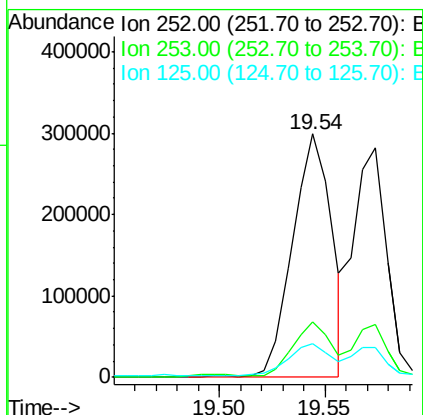
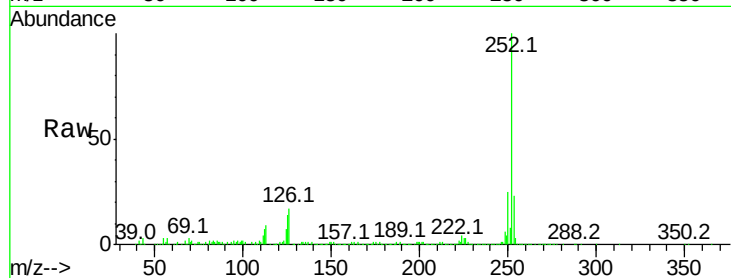




#87
Benzo(b)fluoranthene
Concen: 60.51 ng
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

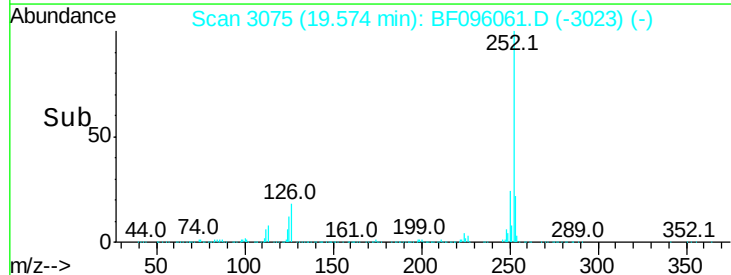
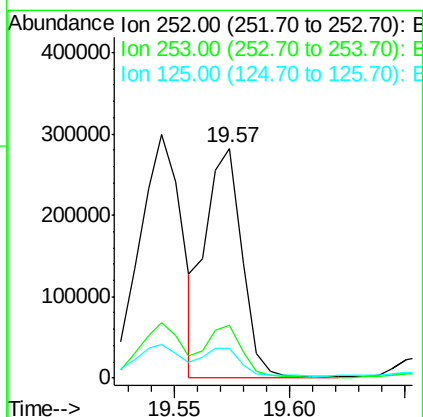
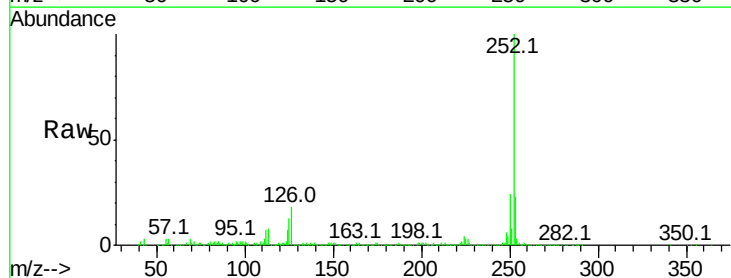
Instrument :
BNA_F
ClientSampleId :

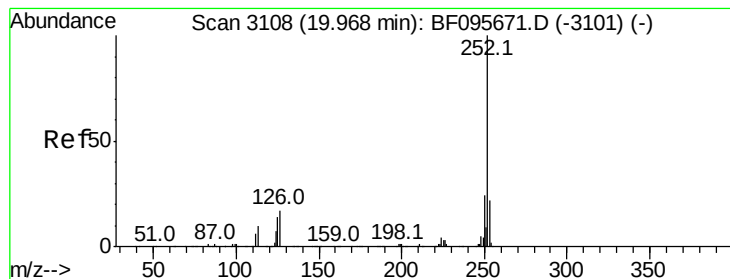
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	13.7	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 50.77 ng
RT: 19.57 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BF096061.D
Acq: 21 Jun 2017 00:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	13.2	13.1	19.7





#89

Benzo(a)pyrene

Concen: 57.92 ng

RT: 19.90 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

Instrument :

BNA_F

ClientSampleId :

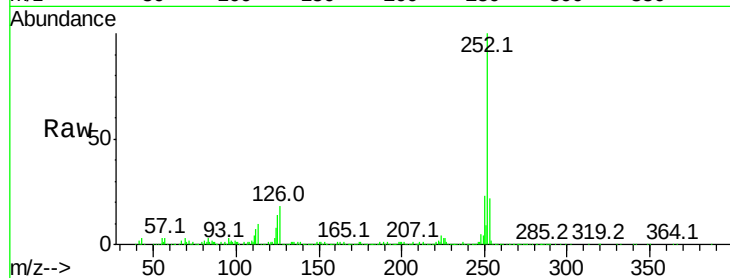
Tot Ion:252 Resp: 336786

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

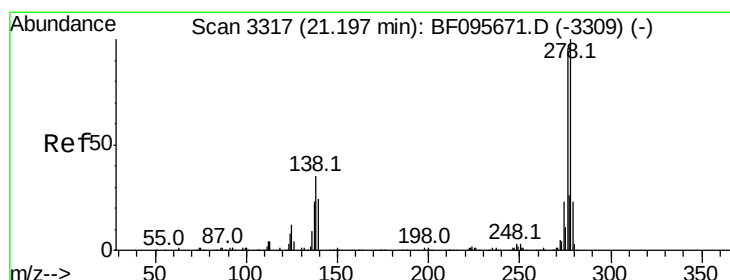
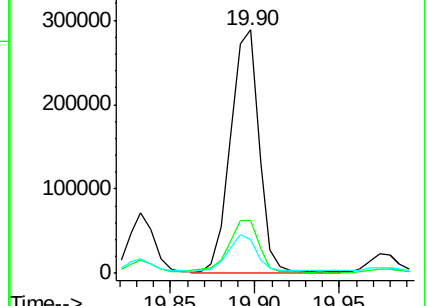
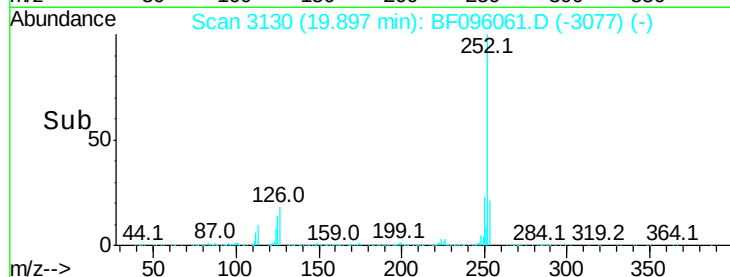
125 14.1 11.0 16.4



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: 44.53 ng

RT: 21.11 min Scan# 3336

Delta R.T. 0.01 min

Lab File: BF096061.D

Acq: 21 Jun 2017 00:00

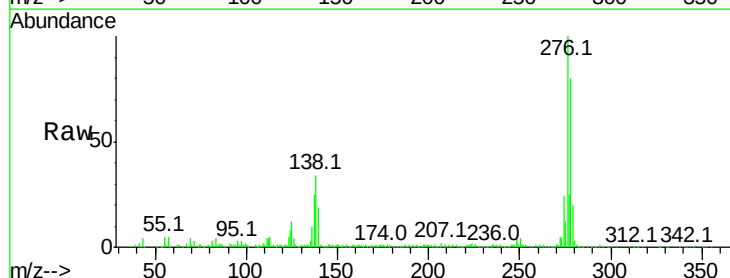
Tgt Ion:278 Resp: 219667

Ion Ratio Lower Upper

278 100

139 23.7 16.6 24.8

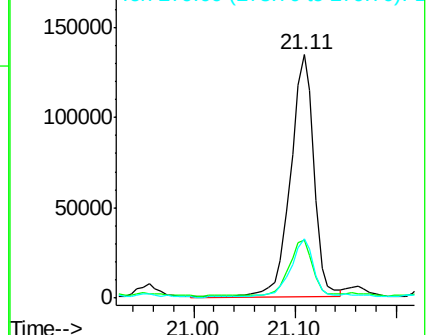
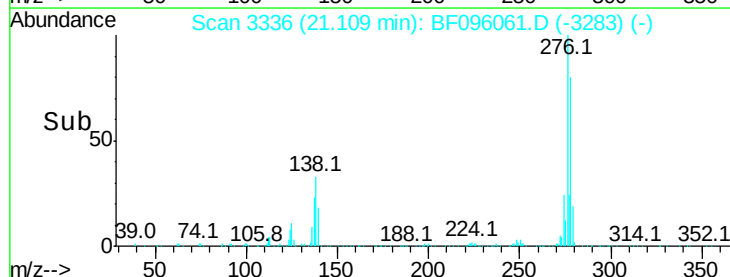
279 24.6 19.3 28.9

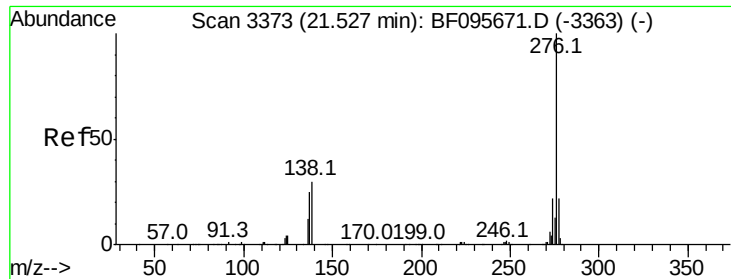


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.19 ng
 RT: 21.44 min Scan# 3392
 Delta R.T. 0.02 min
 Lab File: BF096061.D
 Acq: 21 Jun 2017 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	29.0	25.4	38.0

