

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096708.D
 Acq On : 12 Jul 2017 22:55
 Operator : SJ/JU
 Sample : I4127-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 01:07:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	120076	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	493599	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	202685	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	295516	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	181131	20.00	ng	-0.04
86) Perylene-d12	15.20	264	186706	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	611242	75.13	ng	-0.03
7) Phenol-d6	6.32	99	753259	75.32	ng	-0.03
23) Nitrobenzene-d5	7.23	82	434716	52.92	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	126081	79.64	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	704283	59.41	ng	-0.04
78) Terphenyl-d14	12.76	244	431335	50.89	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.34	88	77761	20.16	ng	# 74
3) Pyridine	3.03	79	155191	14.66	ng	# 62
4) n-Nitrosodimethylamine	2.96	42	118608	22.70	ng	# 82
6) Aniline	6.33	93	219216	16.96	ng	# 13
8) 2-Chlorophenol	6.46	128	225411	25.98	ng	# 99
9) Benzaldehyde	6.21	77	123503	19.73	ng	# 100
10) Phenol	6.33	94	280785	24.64	ng	# 81
11) bis(2-Chloroethyl)ether	6.40	93	205816	23.37	ng	# 91
12) 1,3-Dichlorobenzene	6.61	146	232745	25.59	ng	# 97
13) 1,4-Dichlorobenzene	6.69	146	240607	26.46	ng	# 97
14) 1,2-Dichlorobenzene	6.84	146	219110	26.25	ng	# 95
15) Benzyl Alcohol	6.81	79	173268	25.92	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	465414	26.00	ng	# 91
17) 2-Methylphenol	6.93	107	177330	25.65	ng	# 97
18) Hexachloroethane	7.18	117	74060	22.47	ng	# 82
19) n-Nitroso-di-n-propylamine	7.09	70	148820	24.98	ng	# 85
20) 3+4-Methylphenols	7.09	107	214314	27.79	ng	# 74
22) Acetophenone	7.07	105	291867	27.06	ng	# 98
24) Nitrobenzene	7.25	77	221472	25.70	ng	# 90
25) Isophorone	7.49	82	396003	24.86	ng	# 95
26) 2-Nitrophenol	7.57	139	115010	25.22	ng	# 93
27) 2,4-Dimethylphenol	7.62	122	193733	24.95	ng	# 95
28) bis(2-Chloroethoxy)methane	7.70	93	282672	26.89	ng	# 97
29) 2,4-Dichlorophenol	7.81	162	167852	25.05	ng	# 96
30) 1,2,4-Trichlorobenzene	7.89	180	164728	26.06	ng	# 98
31) Naphthalene	7.97	128	630890	27.07	ng	# 99
32) Benzoic acid	7.62	122	193733	29.70	ng	# 11
33) 4-Chloroaniline	8.02	127	180128	18.61	ng	# 97
34) Hexachlorobutadiene	8.10	225	86237	26.60	ng	# 96
35) Caprolactam	8.37	113	43926	19.01	ng	# 65
36) 4-Chloro-3-methylphenol	8.51	107	171387	23.12	ng	# 88
37) 2-Methylnaphthalene	8.66	142	390009	26.29	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	143795	27.32	ng	# 99
40) Hexachlorocyclopentadiene	8.82	237	20711	8.09	ng	# 99

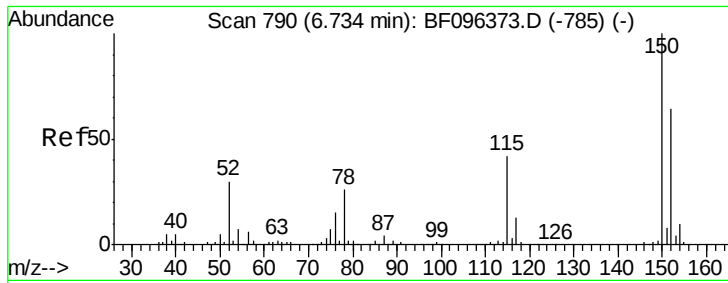
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	101013	24.26	nq	96
43) 2,4,5-Trichlorophenol	8.99	196	105674	25.67	nq	94
45) 1,1'-Biphenyl	9.13	154	475718	27.39	nq	97
46) 2-Chloronaphthalene	9.15	162	361613	27.94	nq	96
47) 2-Nitroaniline	9.25	65	126999	26.97	nq	90
48) Acenaphthylene	9.56	152	544062	26.53	nq	98
49) Dimethylphthalate	9.43	163	517824	34.22	nq	100
50) 2,6-Dinitrotoluene	9.49	165	86358	25.81	nq	# 86
51) Acenaphthene	9.73	154	312753	24.74	nq	97
52) 3-Nitroaniline	9.65	138	89295	21.40	nq	91
53) 2,4-Dinitrophenol	9.76	184	6612	3.72	nq	# 73
54) Dibenzofuran	9.90	168	443067	26.55	nq	99
55) 4-Nitrophenol	9.82	139	124535	36.00	nq	# 66
56) 2,4-Dinitrotoluene	9.89	165	102462	24.18	nq	# 88
57) Fluorene	10.25	166	319200	27.08	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	72052	25.30	nq	# 94
59) Diethylphthalate	10.13	149	385184	26.93	nq	99
60) 4-Chlorophenyl-phenylether	10.24	204	141140	27.52	nq	98
61) 4-Nitroaniline	10.26	138	80794	21.29	nq	90
62) Azobenzene	10.40	77	376028	27.19	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	13639	6.69	nq	89
65) n-Nitrosodiphenylamine	10.36	169	304558	29.37	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	91349	31.75	nq	98
67) Hexachlorobenzene	10.80	284	86693	27.53	nq	# 91
68) Atrazine	10.89	200	90071	30.41	nq	96
69) Pentachlorophenol	10.99	266	68787	36.86	nq	99
70) Phenanthrene	11.20	178	442229	27.68	nq	99
71) Anthracene	11.25	178	447326	27.48	nq	98
72) Carbazole	11.41	167	382075	23.34	nq	97
73) Di-n-butylphthalate	11.75	149	549639	27.72	nq	# 98
74) Fluoranthene	12.39	202	350726	22.39	nq	97
76) Benzidine	12.50	184	140684	16.19	nq	# 92
77) Pyrene	12.61	202	381377	26.23	nq	98
79) Butylbenzylphthalate	13.24	149	197217	26.80	nq	# 85
80) Benzo(a)anthracene	13.80	228	286521	27.32	nq	98
81) 3,3'-Dichlorobenzidine	13.76	252	96240	22.34	nq	# 95
82) Chrysene	13.83	228	286358	26.07	nq	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	242350	29.50	nq	100
84) Di-n-octyl phthalate	14.41	149	476256	29.44	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.53	276	238204	27.47	nq	97
87) Benzo(b)fluoranthene	14.81	252	294683	25.19	nq	97
88) Benzo(k)fluoranthene	14.81	252	294683	28.16	nq	95
89) Benzo(a)pyrene	15.14	252	278212	26.64	nq	98
90) Dibenzo(a,h)anthracene	16.54	278	200412	24.39	nq	95
91) Benzo(g,h,i)perylene	16.93	276	185167	21.75	nq	99

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

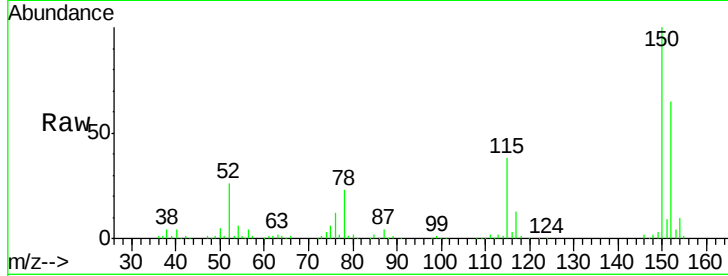


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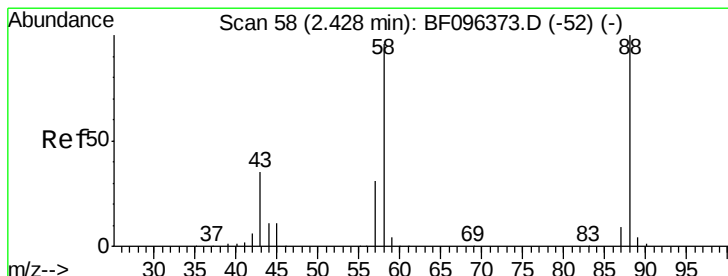
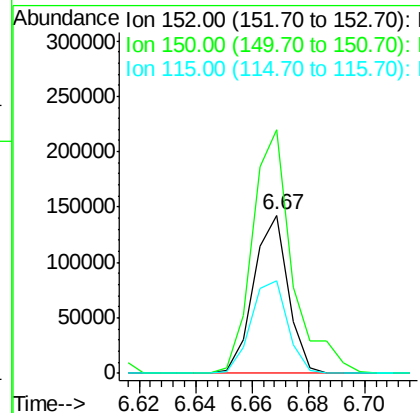
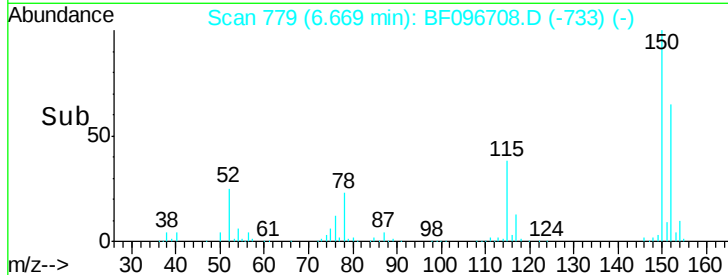
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120076
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 58.4 52.2 78.2



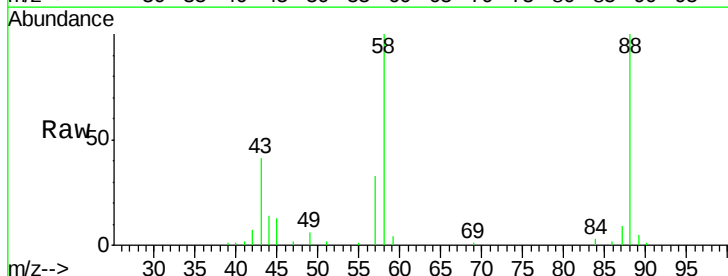
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



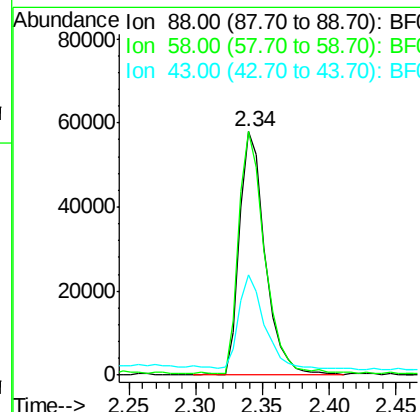
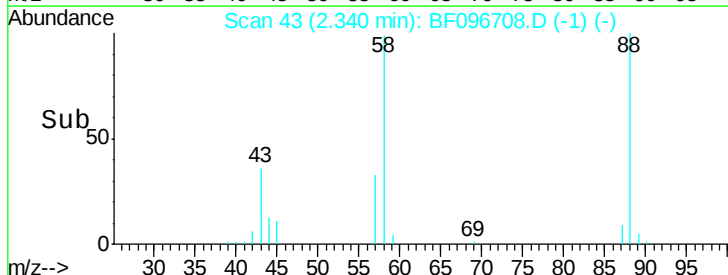
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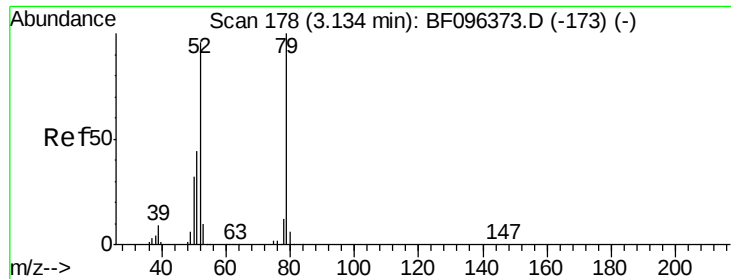
1,4-Dioxane
Concen: 20.16 ng
RT: 2.34 min Scan# 43
Delta R.T. -0.02 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion: 88 Resp: 77761
Ion Ratio Lower Upper
88 100
58 101.5 61.4 92.0#
43 39.2 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: 14.66 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.02 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampled :

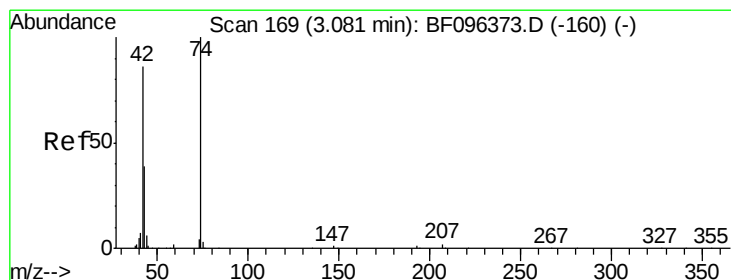
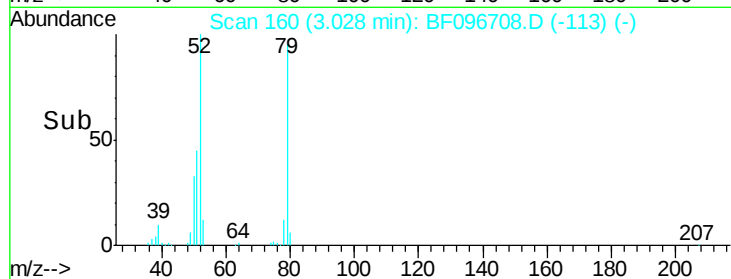
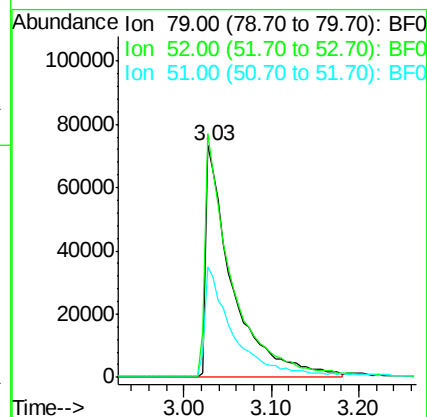
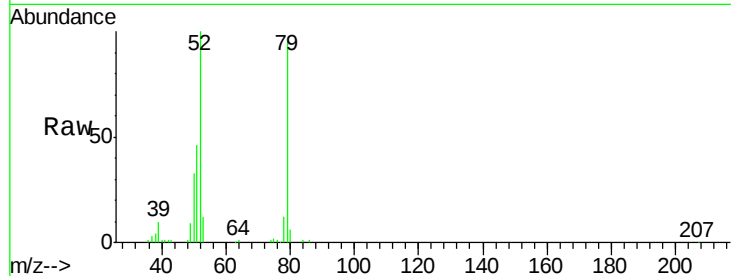
Tot Ion: 79 Resp: 155191

Ion Ratio Lower Upper

79 100

52 105.0 54.8 82.2#

51 47.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 22.70 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.05 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

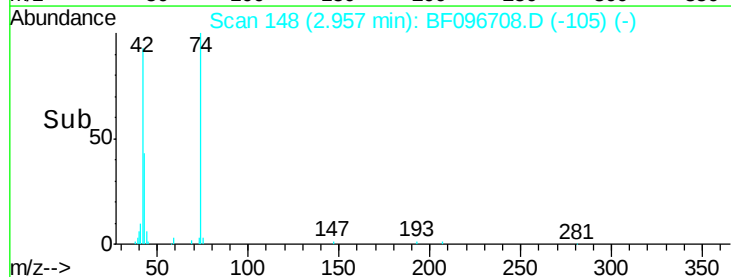
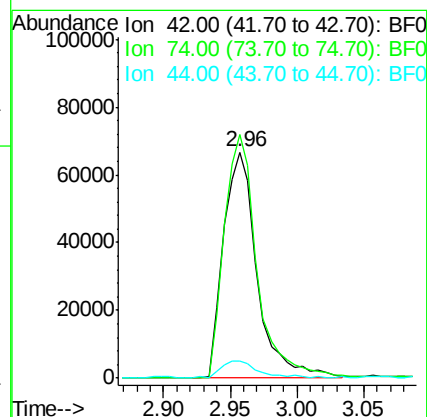
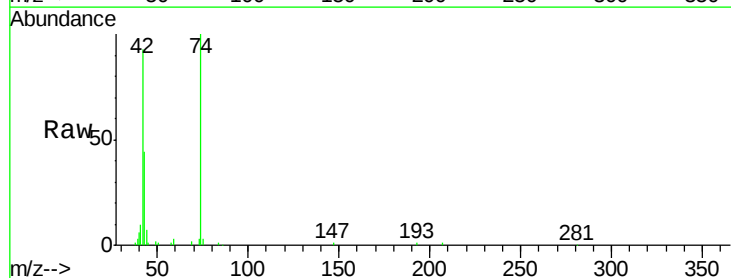
Tgt Ion: 42 Resp: 118608

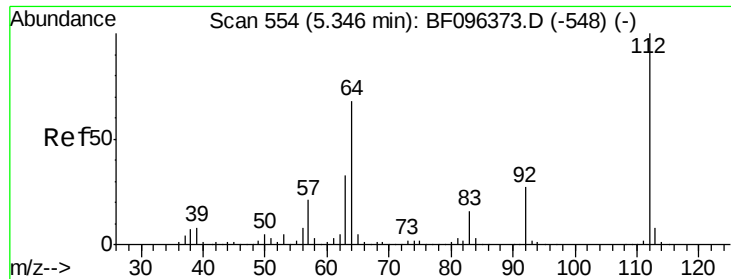
Ion Ratio Lower Upper

42 100

74 107.6 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 75.13 ng

RT: 5.28 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF096708.D

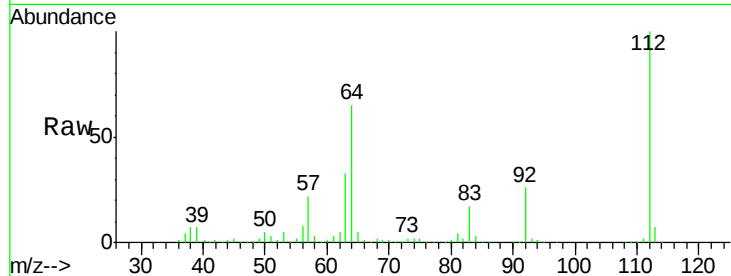
Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

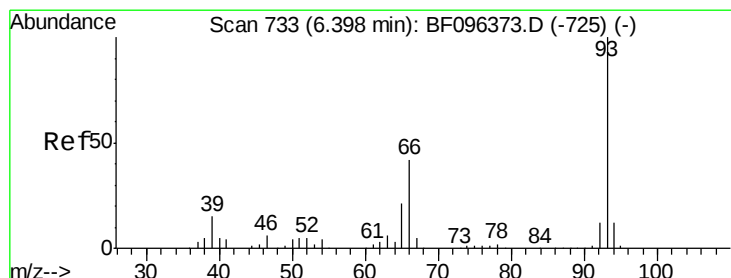
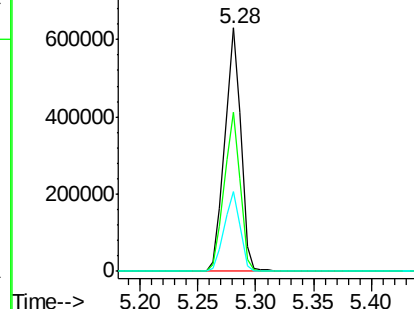
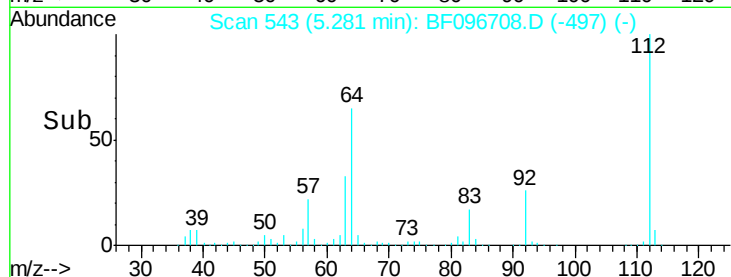
Tot Ion:	112	Resp:	611242
Ion	Ratio	Lower	Upper
112	100		
64	65.3	46.0	69.0
63	32.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.96 ng

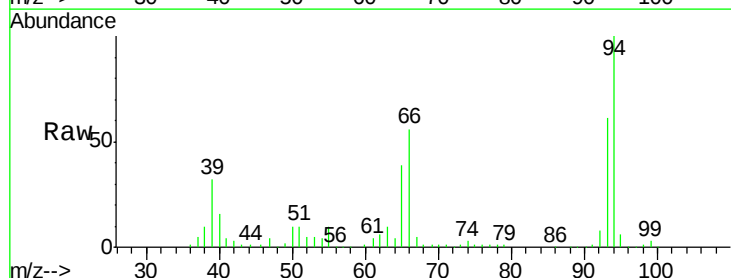
RT: 6.33 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

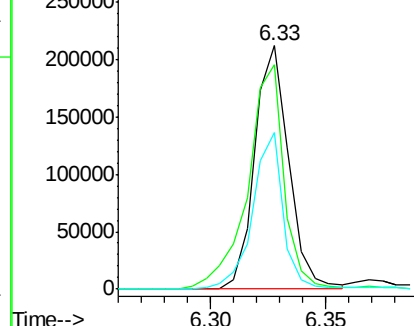
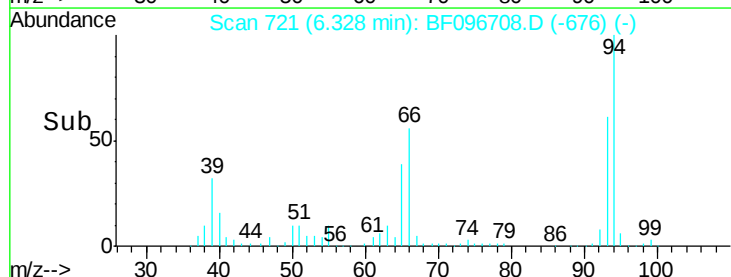
Tgt Ion:	93	Resp:	219216
Ion	Ratio	Lower	Upper
93	100		
66	92.4	32.9	49.3#
65	64.2	16.0	24.0#

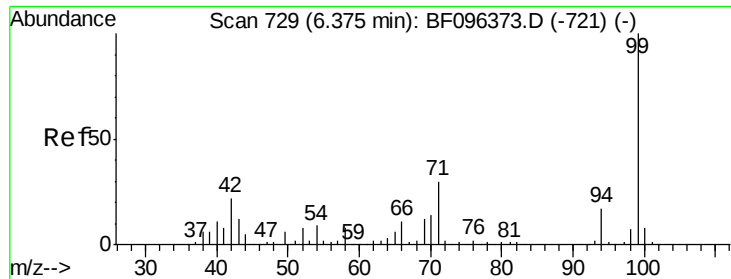


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.32 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

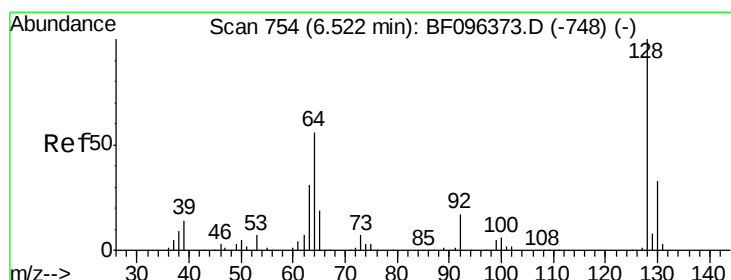
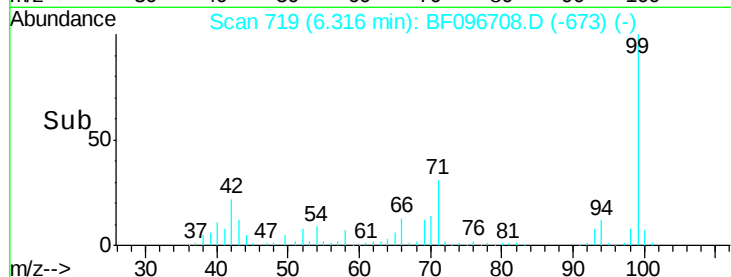
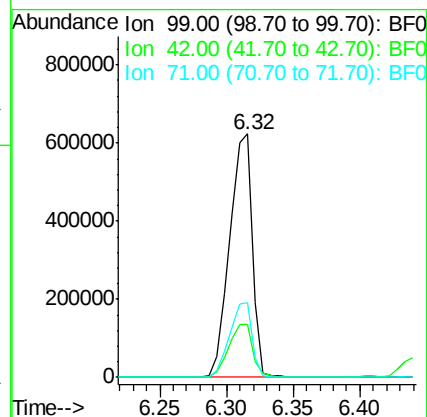
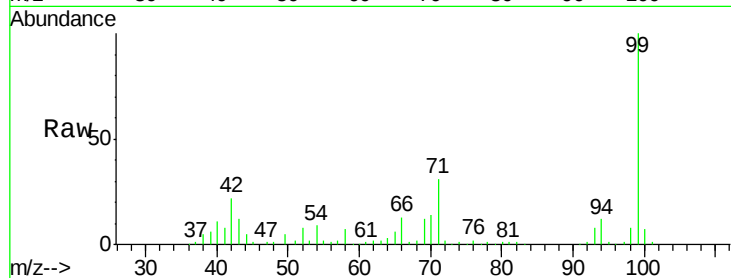
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 753259

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	30.5	24.5	36.7



#8

2-Chlorophenol

Concen: 25.98 ng

RT: 6.46 min Scan# 743

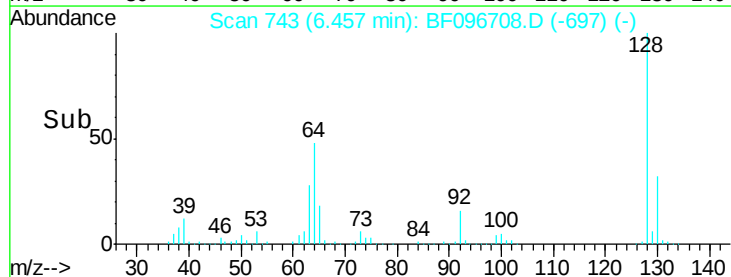
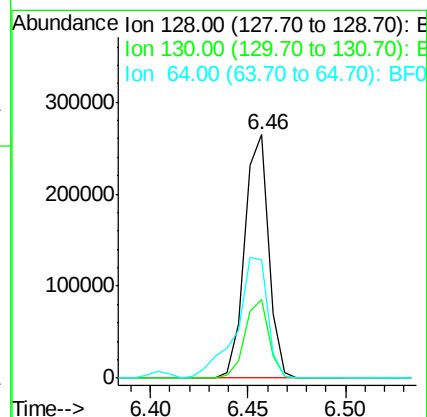
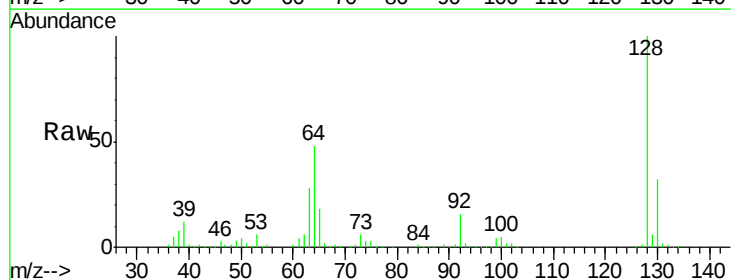
Delta R.T. -0.03 min

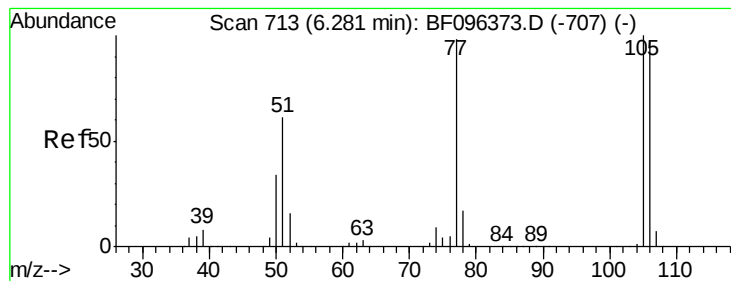
Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Tgt Ion: 128 Resp: 225411

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	48.3	28.4	68.4





#9

Benzaldehyde

Concen: 19.73 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

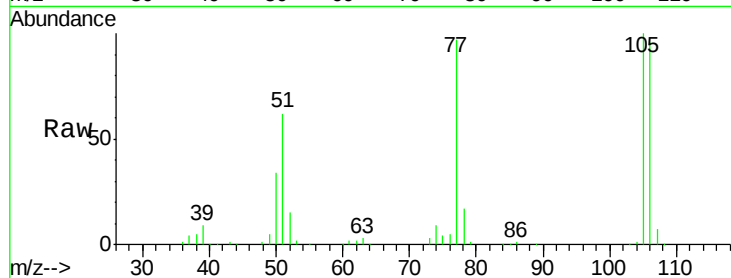
Tot Ion: 77 Resp: 123503

Ion Ratio Lower Upper

77 100

105 103.4 83.8 123.8

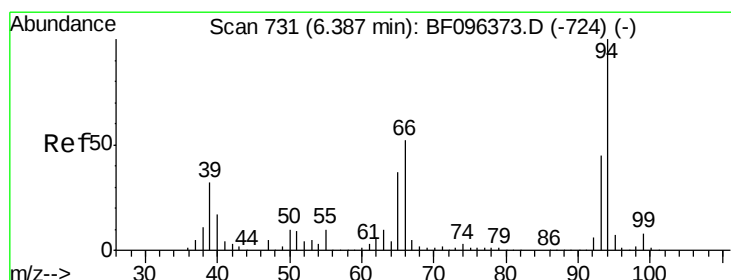
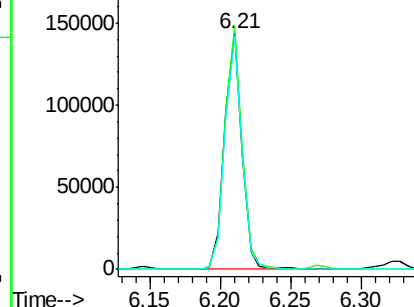
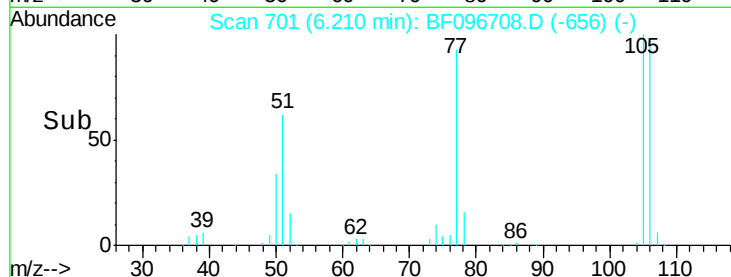
106 99.2 79.1 119.1



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: 24.64 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

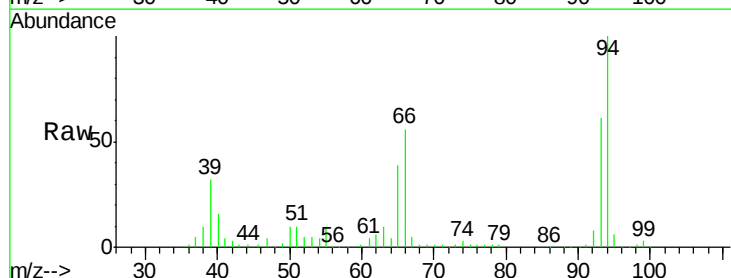
Tgt Ion: 94 Resp: 280785

Ion Ratio Lower Upper

94 100

65 39.1 9.9 49.9

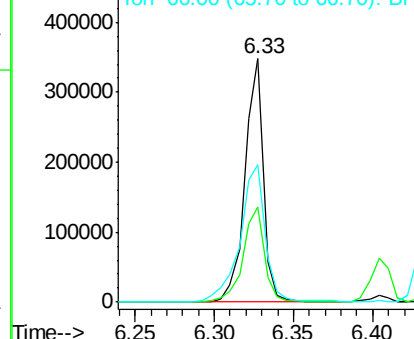
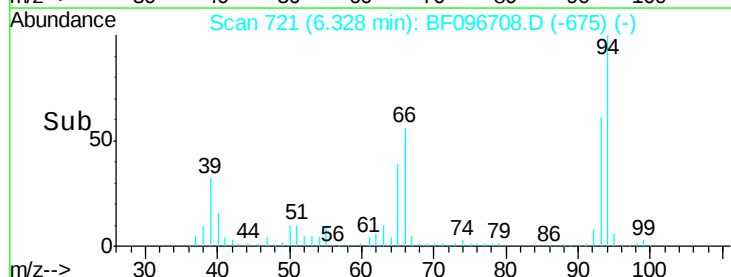
66 56.3 23.1 63.1

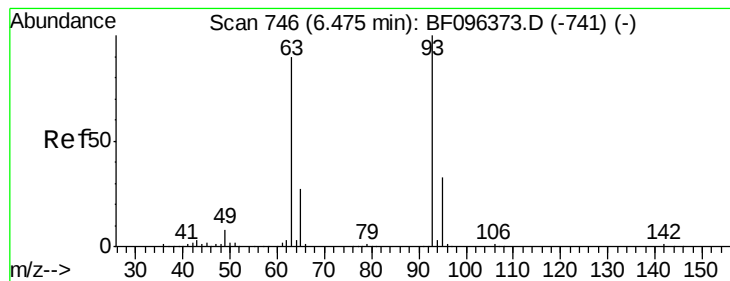


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 23.37 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

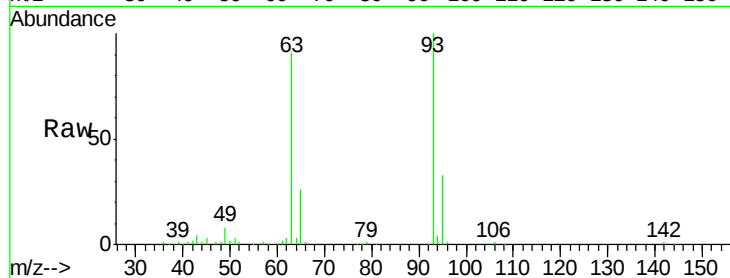
Tot Ion: 93 Resp: 205816

Ion Ratio Lower Upper

93 100

63 90.6 59.2 99.2

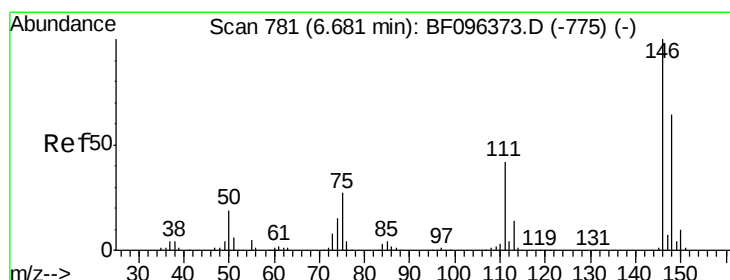
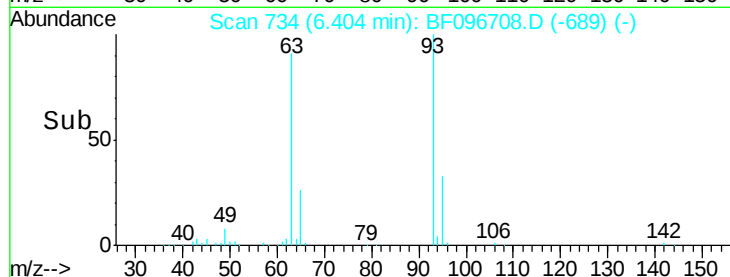
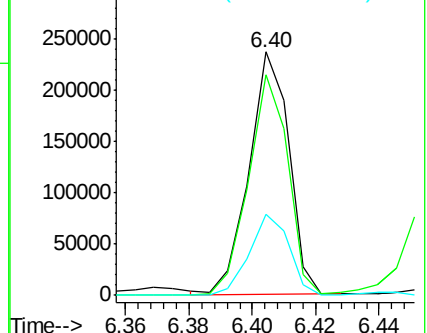
95 33.2 12.8 52.8



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: 25.59 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

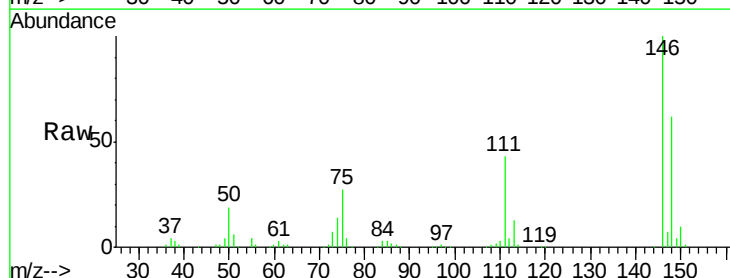
Tgt Ion: 146 Resp: 232745

Ion Ratio Lower Upper

146 100

148 62.2 51.8 77.6

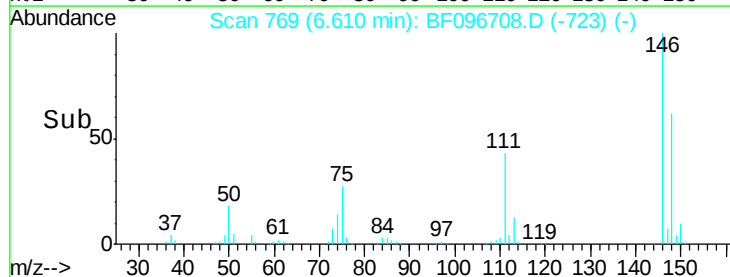
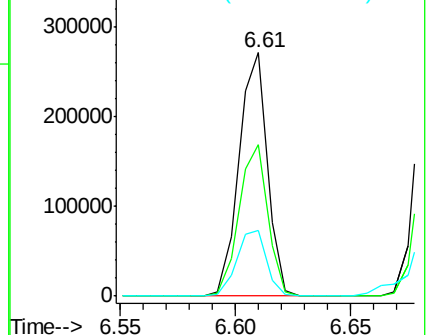
75 27.1 23.1 34.7

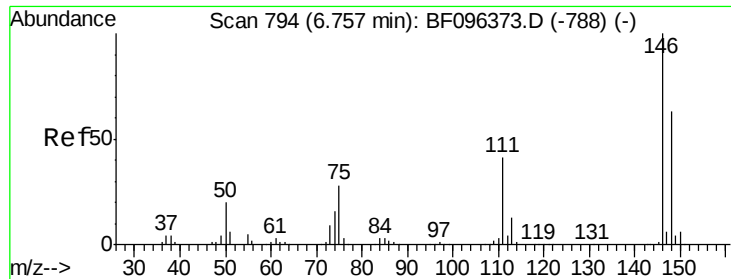


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

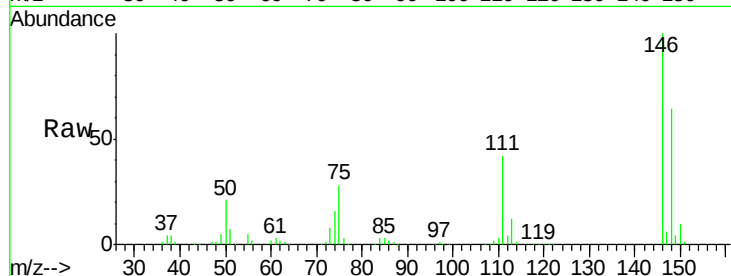




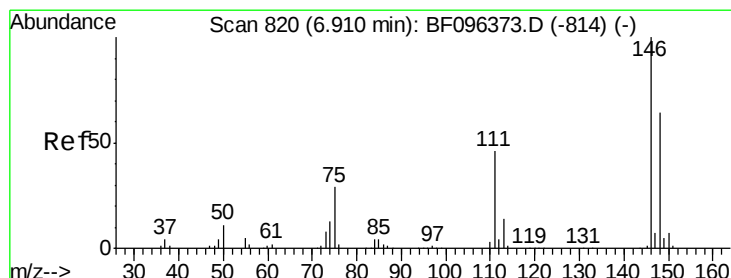
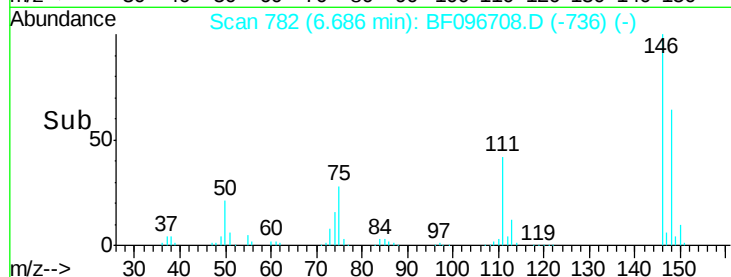
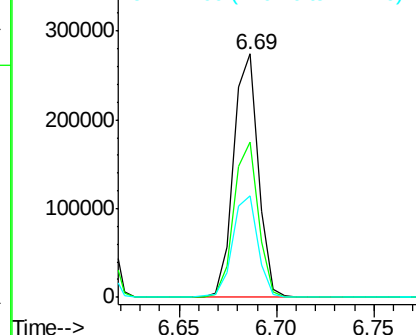
#13
 1,4-Dichlorobenzene
 Concen: 26.46 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.03 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 240607
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 41.9 30.3 45.5

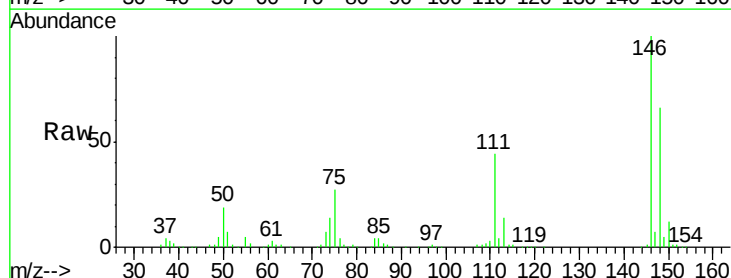


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

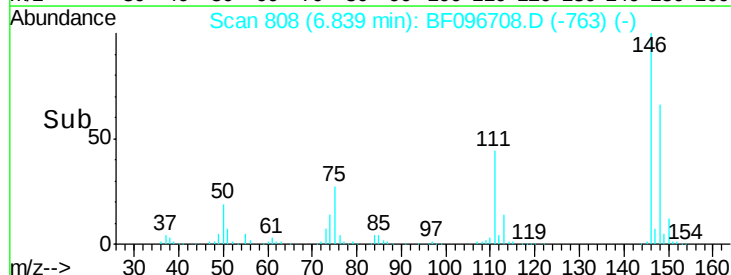
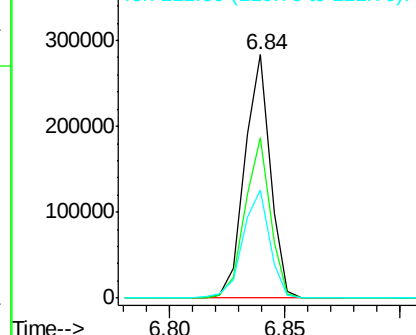


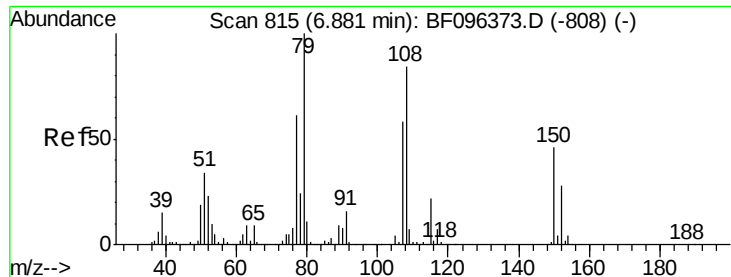
#14
 1,2-Dichlorobenzene
 Concen: 26.25 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:146 Resp: 219110
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.4 75.6
 111 44.1 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 25.92 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

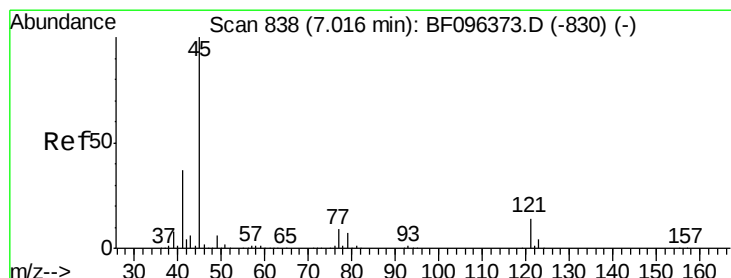
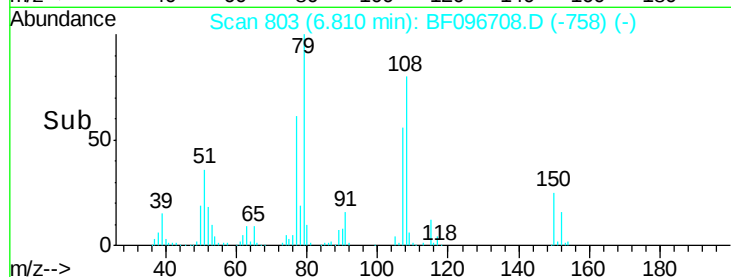
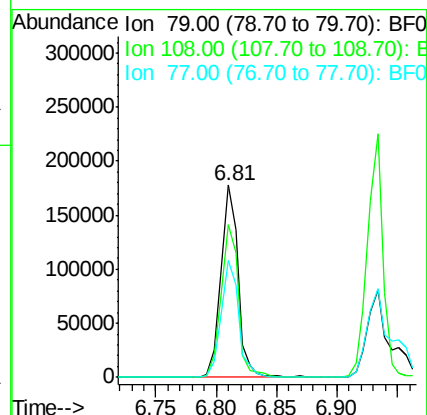
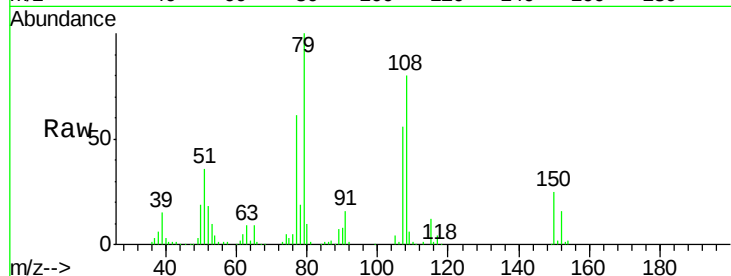
Tot Ion: 79 Resp: 173268

Ion Ratio Lower Upper

79 100

108 79.6 63.4 95.0

77 60.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.00 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

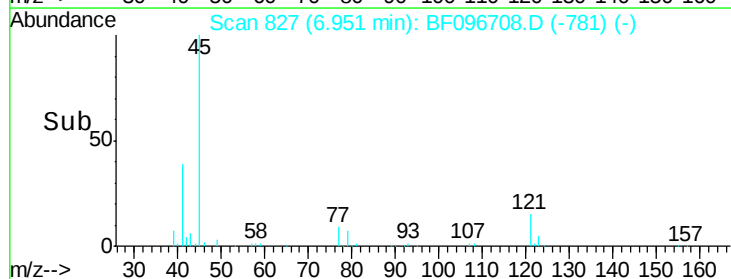
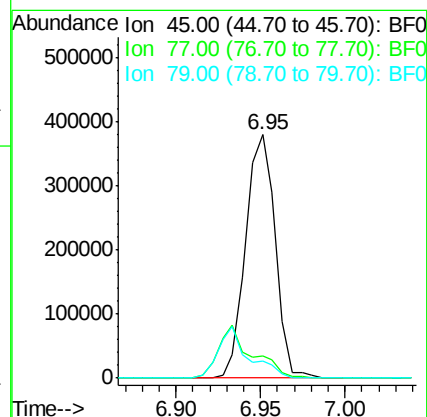
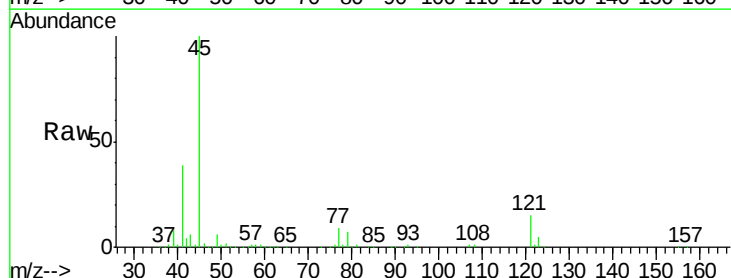
Tgt Ion: 45 Resp: 465414

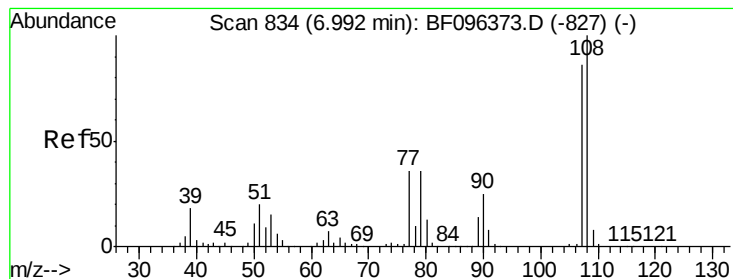
Ion Ratio Lower Upper

45 100

77 9.0 0.0 33.2

79 7.2 0.0 30.0





#17

2-Methylphenol

Concen: 25.65 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 177330

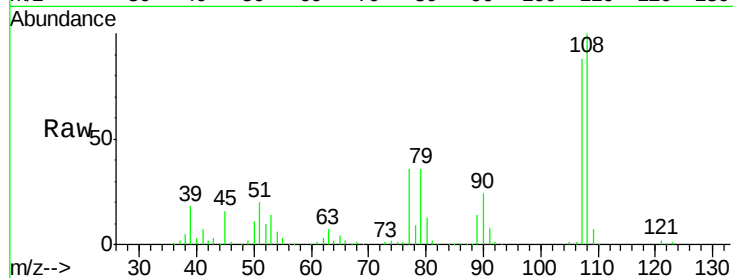
Ion Ratio Lower Upper

107 100

108 114.2 93.4 140.0

77 41.5 35.8 53.6

79 40.9 34.8 52.2

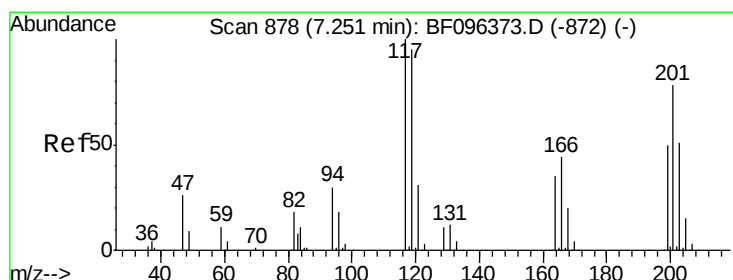
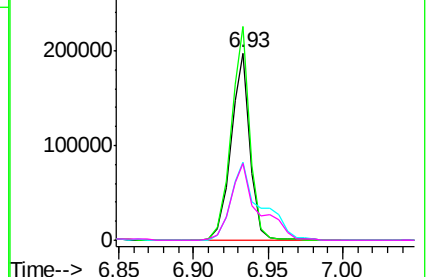
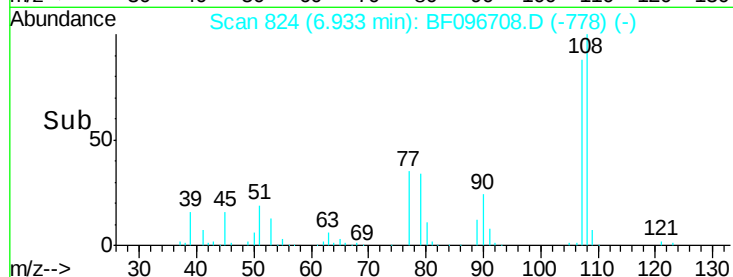


Abundance Ion 107.00 (106.70 to 107.70): E

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: 22.47 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

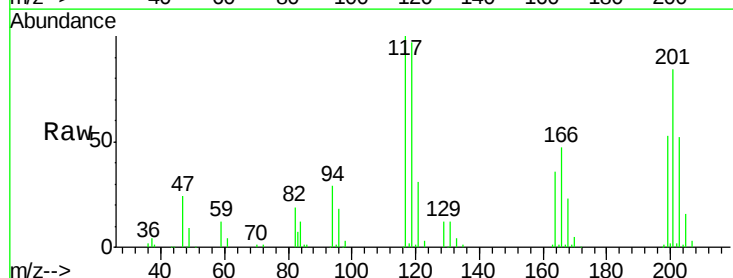
Tgt Ion:117 Resp: 74060

Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.0

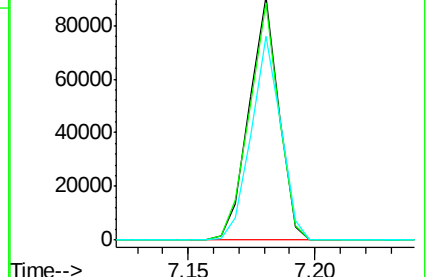
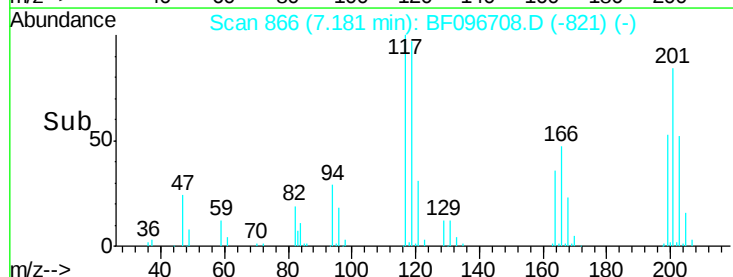
201 83.6 94.6 141.8#

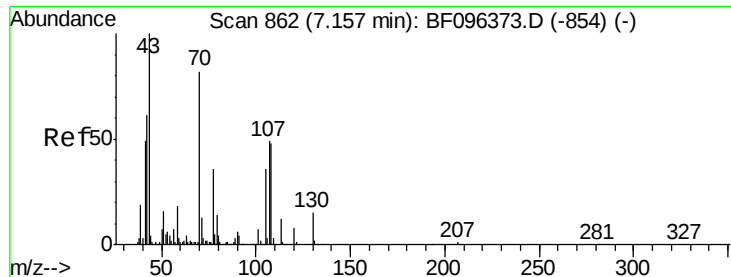


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

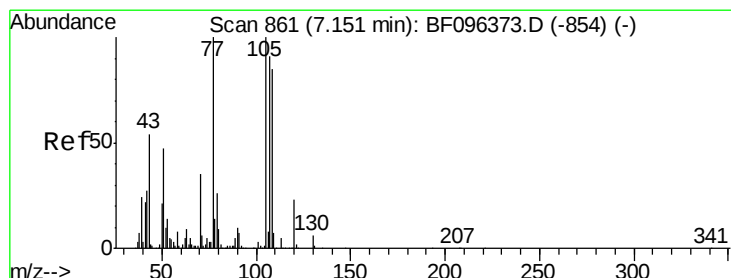
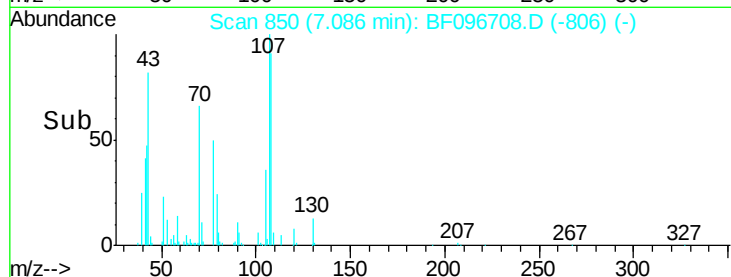
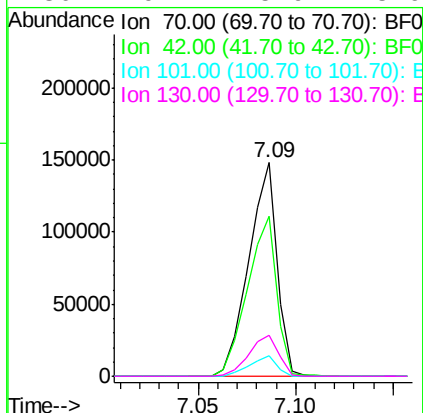
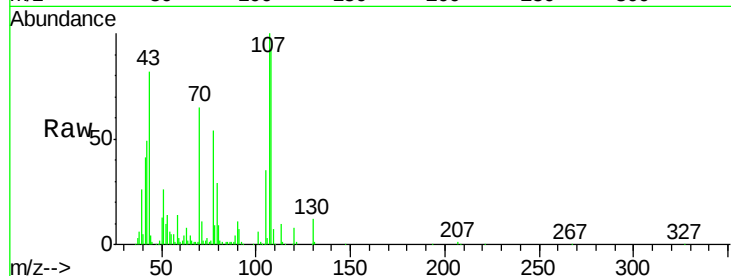




#19
n-Nitroso-di-n-propylamine
Concen: 24.98 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

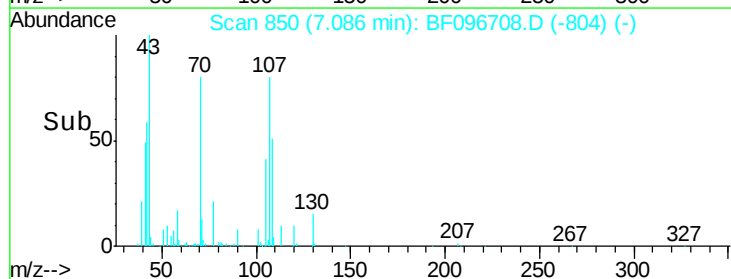
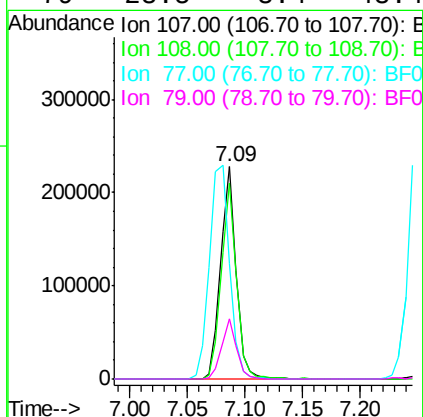
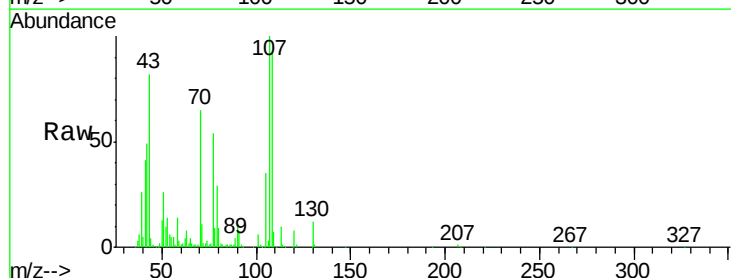
Instrument :
BNA_F
ClientSampleId :

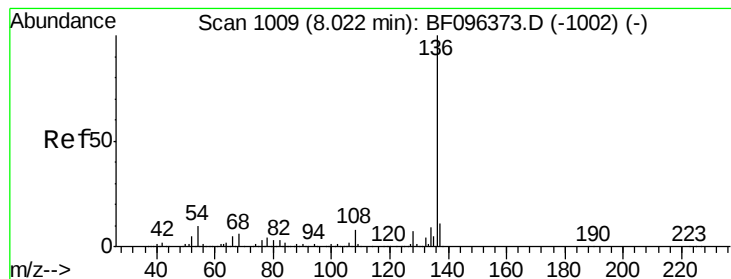
Tot Ion: 70 Resp: 148820
Ion Ratio Lower Upper
70 100
42 75.1 47.2 70.8#
101 9.7 7.2 10.8
130 19.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 27.79 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.03 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion: 107 Resp: 214314
Ion Ratio Lower Upper
107 100
108 92.3 71.0 111.0
77 54.3 90.5 130.5#
79 28.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 493599

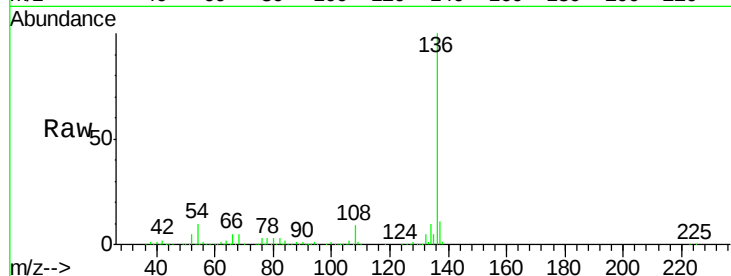
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.4 4.9 7.3#

68 5.1 4.1 6.1

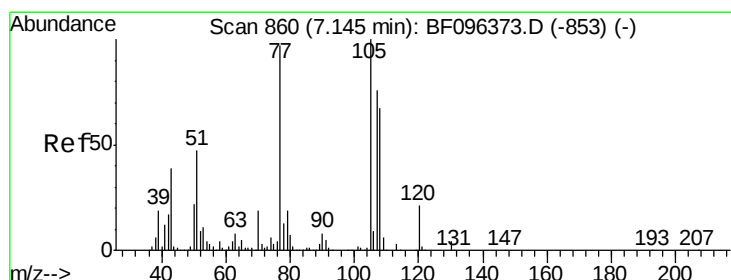
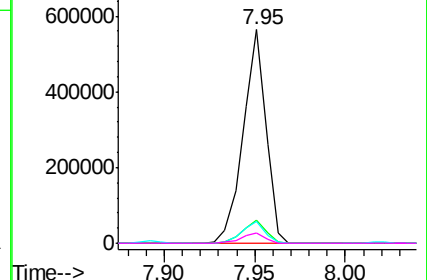
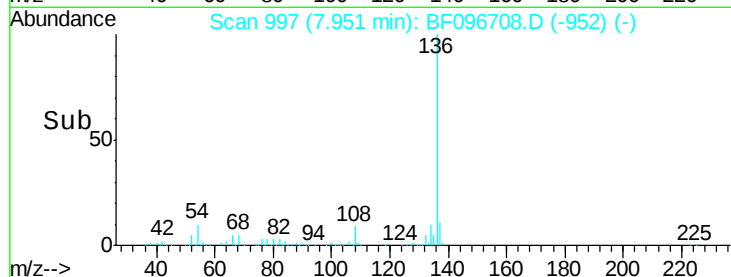


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 27.06 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Tgt Ion:105 Resp: 291867

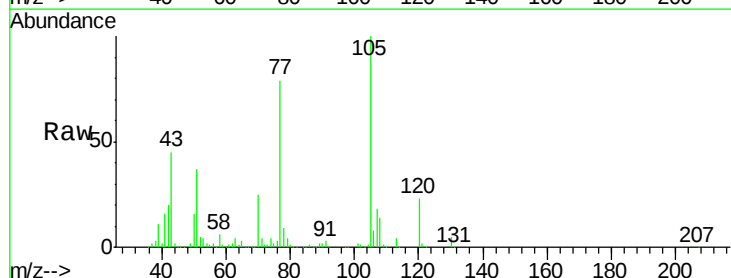
Ion Ratio Lower Upper

105 100

71 3.8 2.8 4.2

51 37.3 30.7 46.1

120 22.6 17.4 26.0

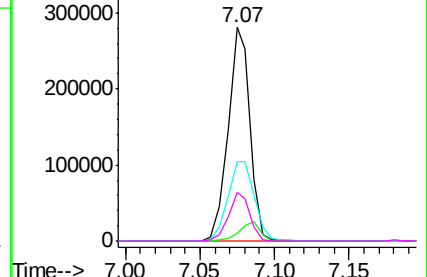
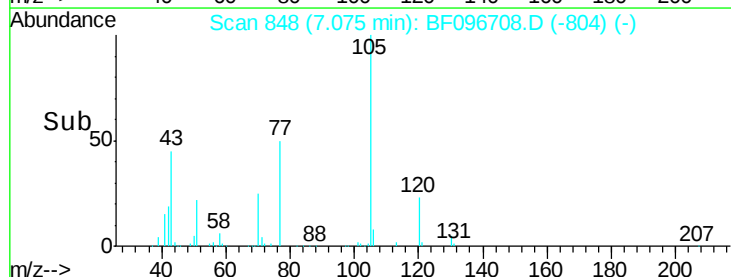


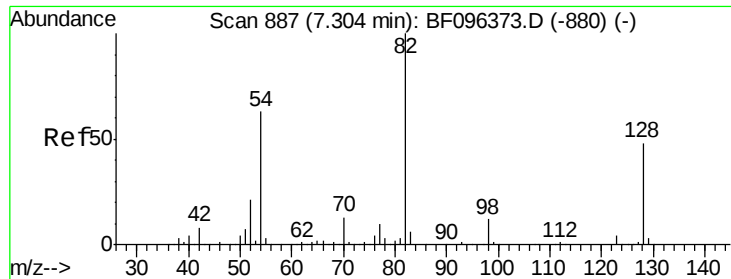
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

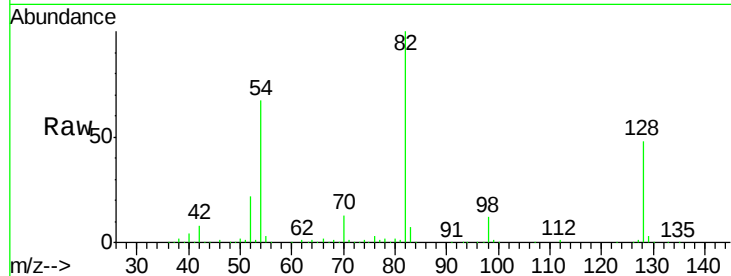




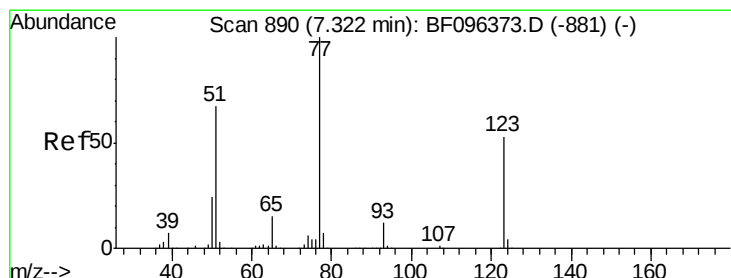
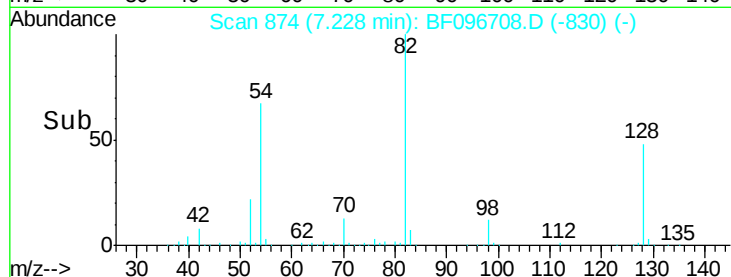
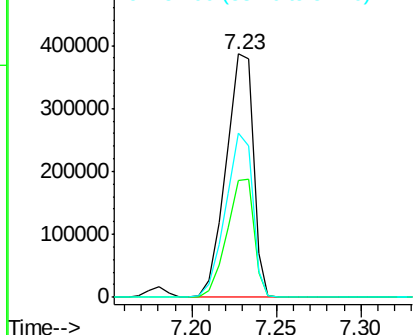
#23
Nitrobenzene-d5
Concen: 52.92 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 434716
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 67.4 42.2 63.2#

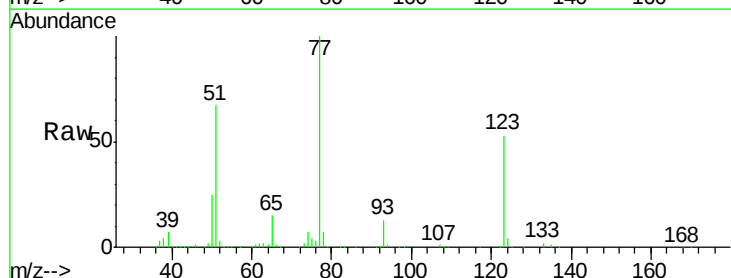


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

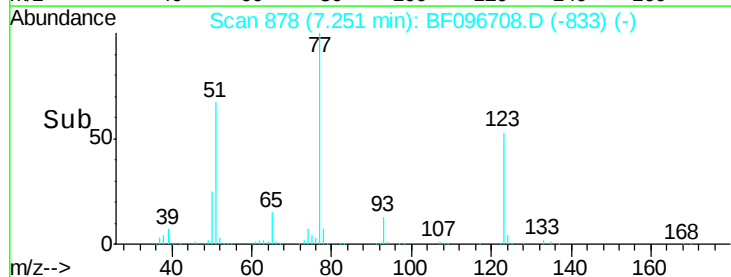
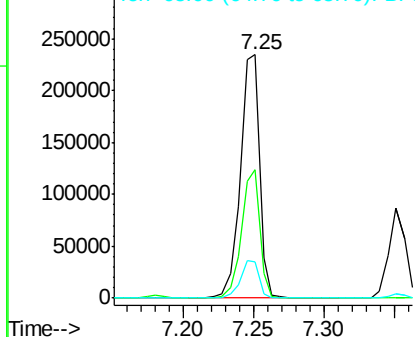


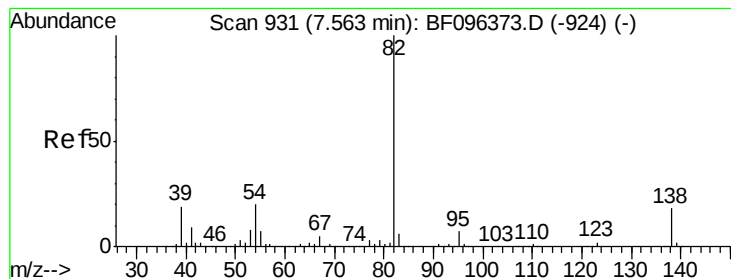
#24
Nitrobenzene
Concen: 25.70 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion: 77 Resp: 221472
Ion Ratio Lower Upper
77 100
123 52.9 35.8 53.8
65 14.6 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 24.86 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampled :

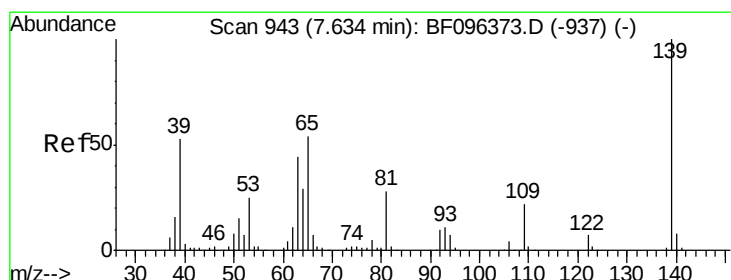
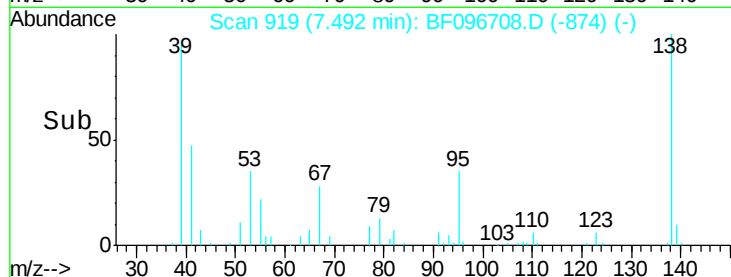
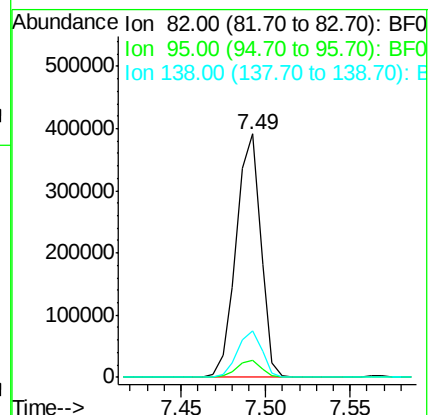
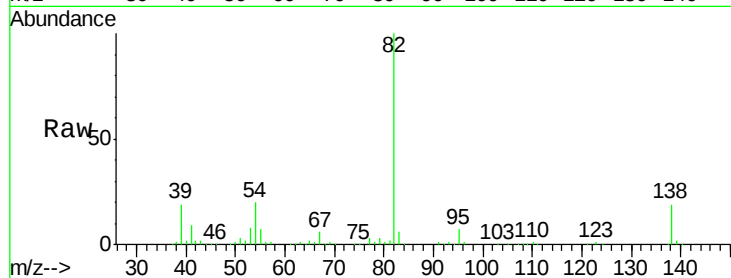
Tot Ion: 82 Resp: 396003

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 25.22 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

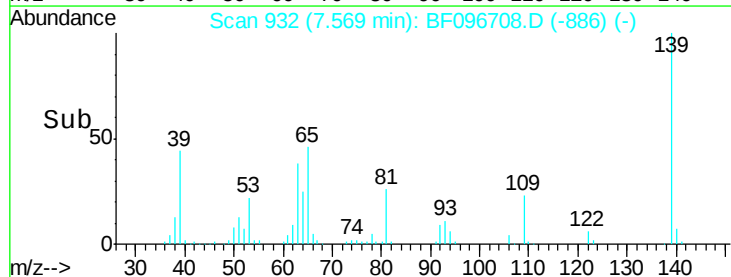
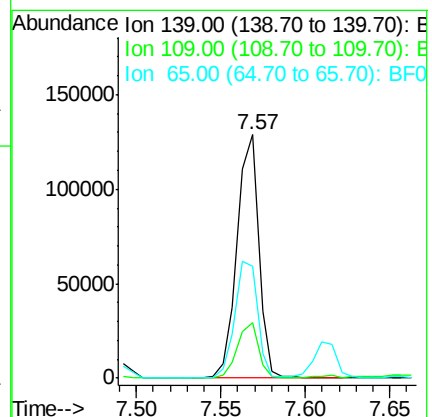
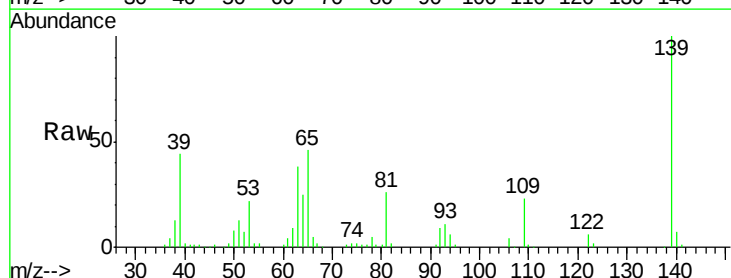
Tgt Ion: 139 Resp: 115010

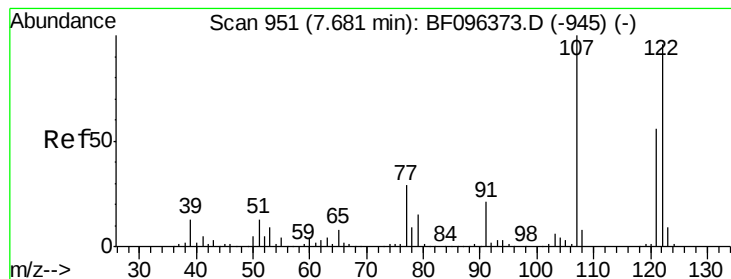
Ion Ratio Lower Upper

139 100

109 23.0 21.0 31.6

65 45.7 33.0 49.6

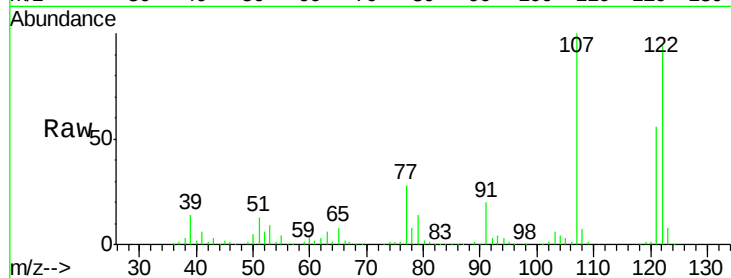




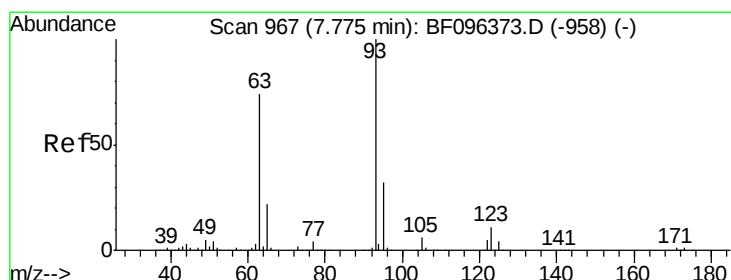
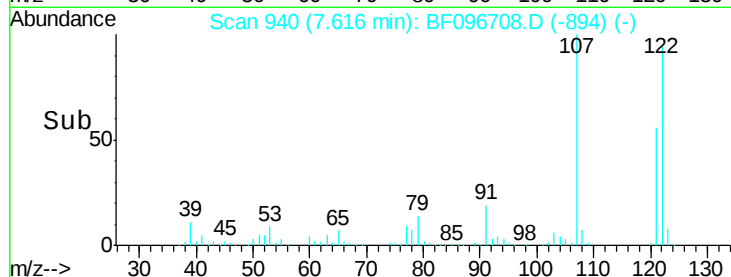
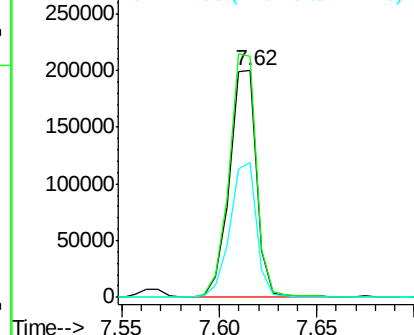
#27
 2,4-Dimethylphenol
 Concen: 24.95 ng
 RT: 7.62 min Scan# 940
 Delta R.T. -0.03 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 193733
 Ion Ratio Lower Upper
 122 100
 107 106.4 89.2 133.8
 121 59.7 45.2 67.8

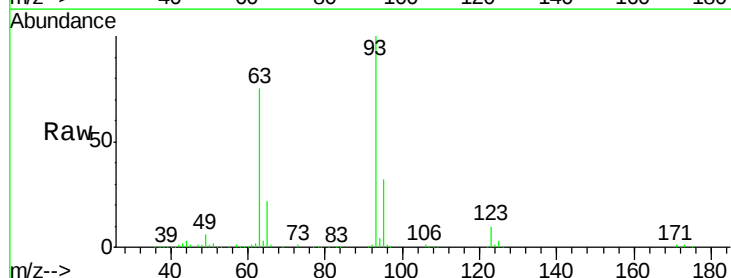


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

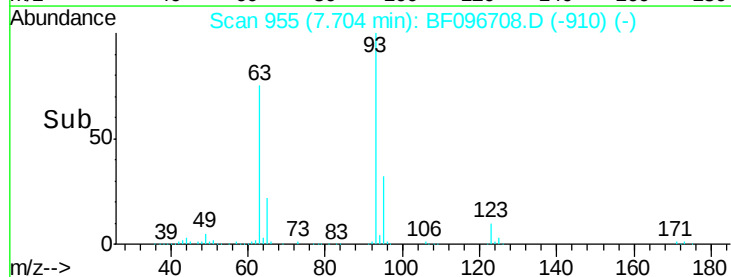
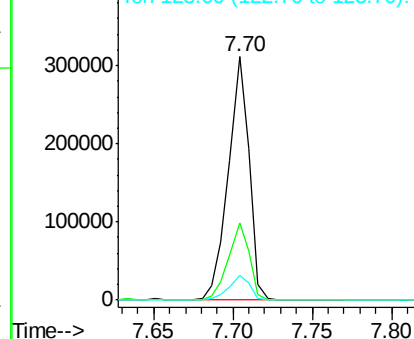


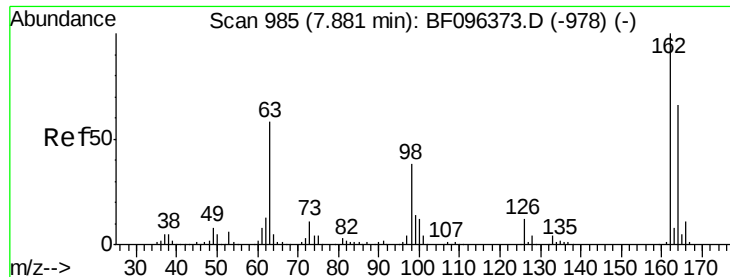
#28
 bis(2-Chloroethoxy)methane
 Concen: 26.89 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion: 93 Resp: 282672
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.5 39.7
 123 10.1 9.0 13.4



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

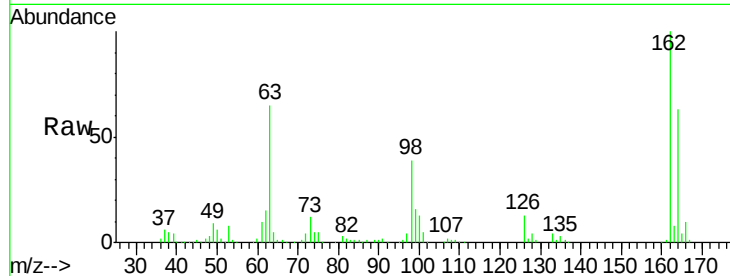




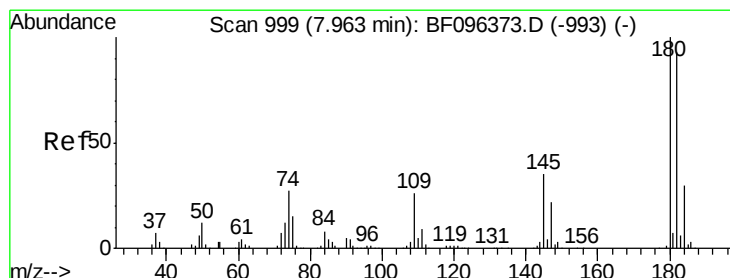
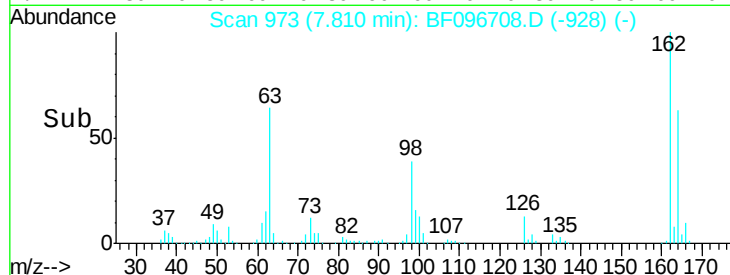
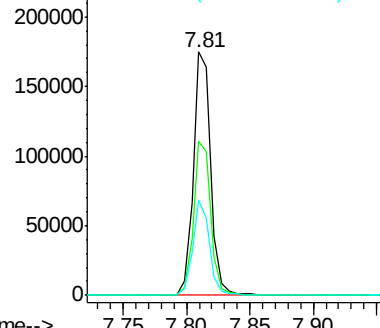
#29
 2,4-Dichlorophenol
 Concen: 25.05 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 167852
 Ion Ratio Lower Upper
 162 100
 164 63.3 44.6 84.6
 98 39.0 14.8 54.8

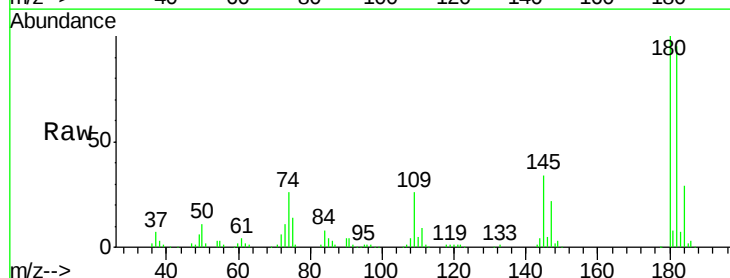


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

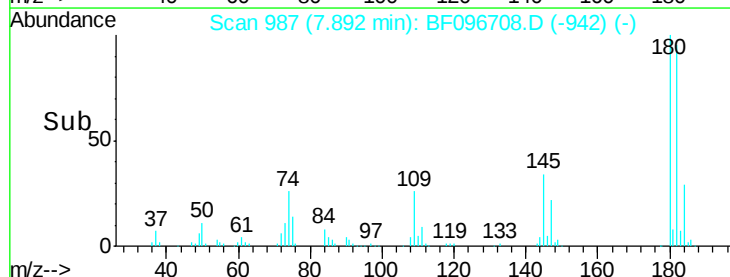
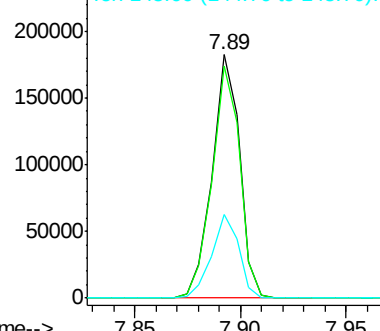


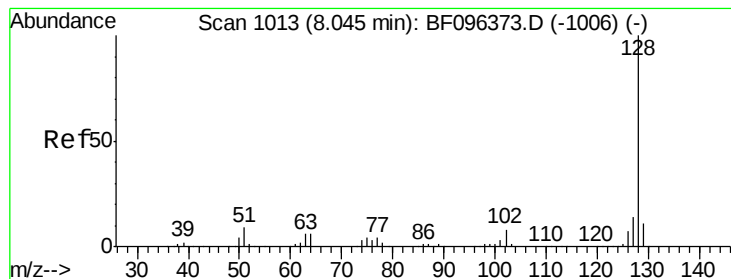
#30
 1,2,4-Trichlorobenzene
 Concen: 26.06 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:180 Resp: 164728
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.8 113.6
 145 34.3 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: 27.07 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

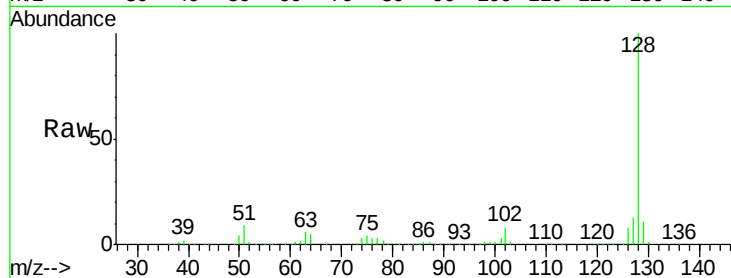
Tot Ion:128 Resp: 630890

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

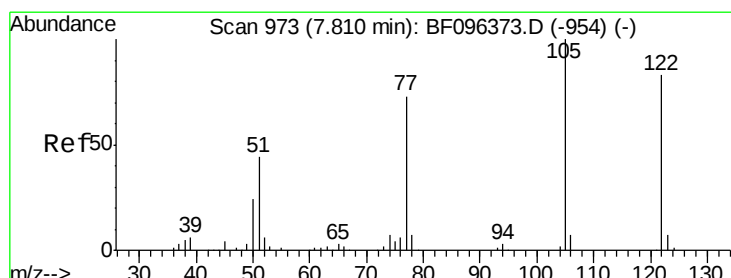
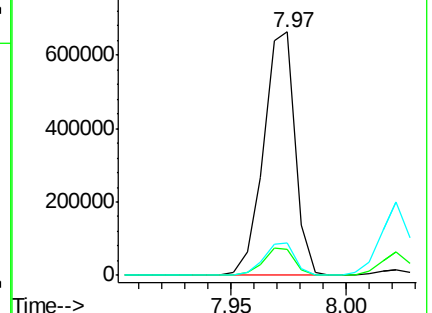
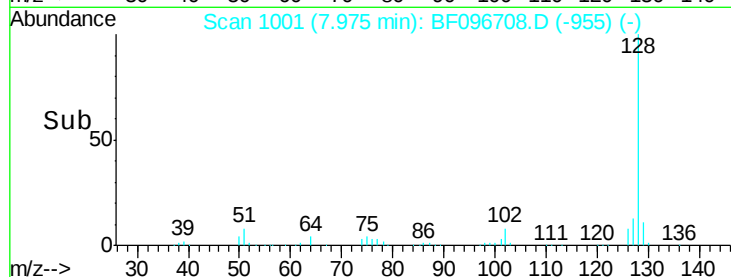
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.70 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.17 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

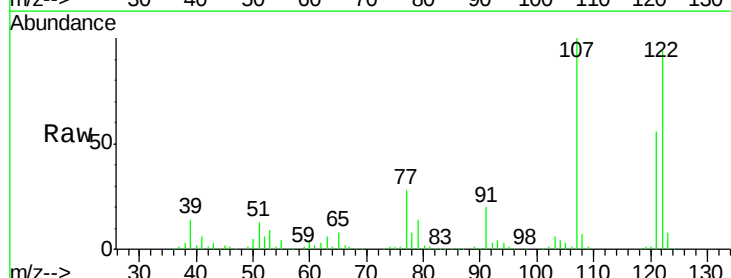
Tgt Ion:122 Resp: 193733

Ion Ratio Lower Upper

122 100

105 3.5 103.3 143.3#

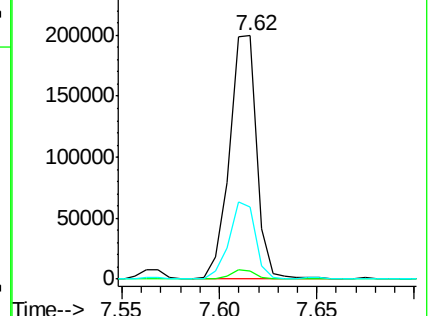
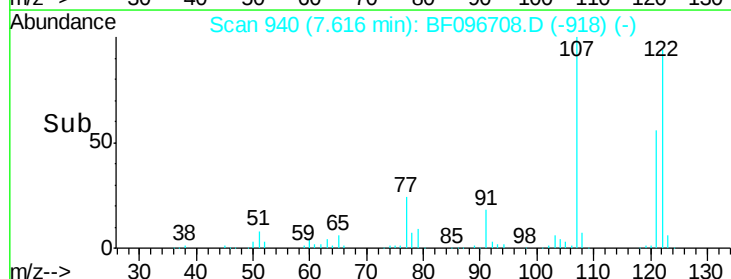
77 29.8 73.7 113.7#

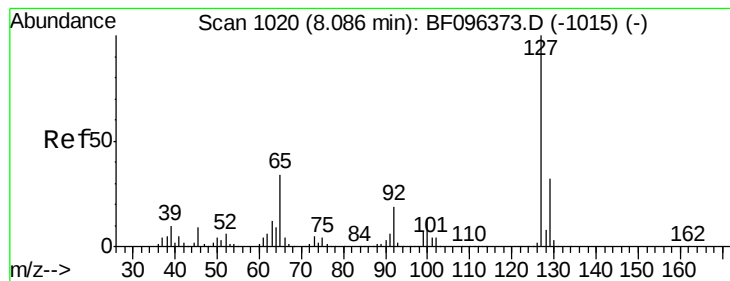


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.61 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 180128

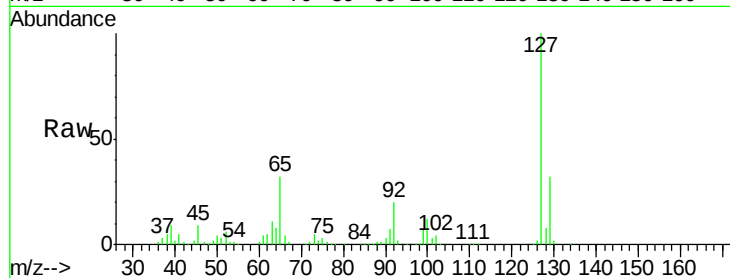
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.2

65 31.8 27.8 41.8

92 20.1 16.8 25.2

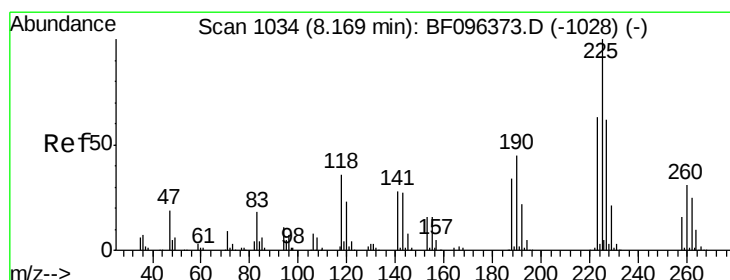
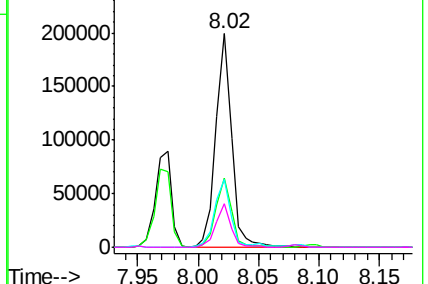
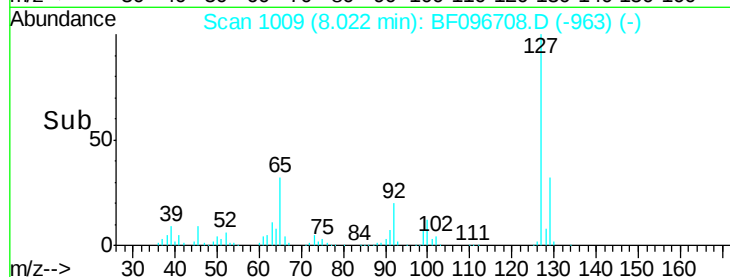


Abundance Ion 127.00 (126.70 to 127.70): E

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: 26.60 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

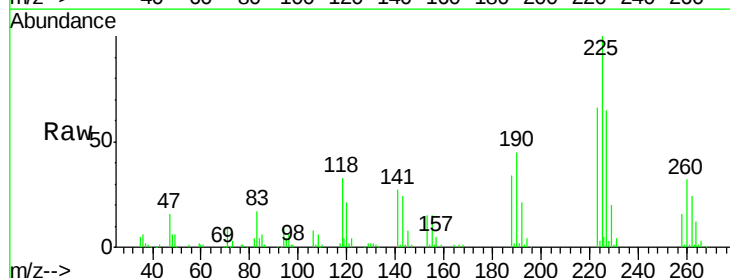
Tgt Ion:225 Resp: 86237

Ion Ratio Lower Upper

225 100

223 65.9 48.8 73.2

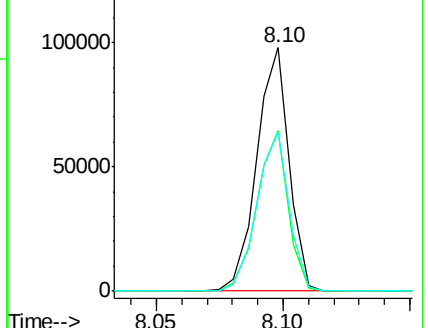
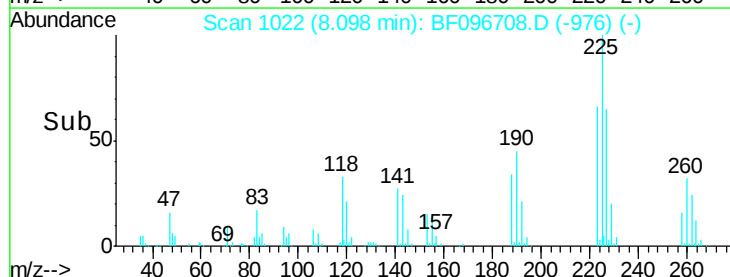
227 65.2 51.1 76.7

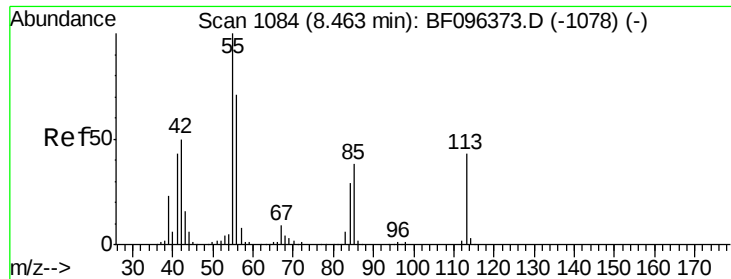


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

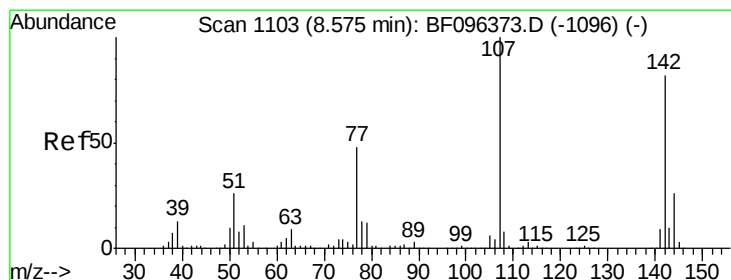
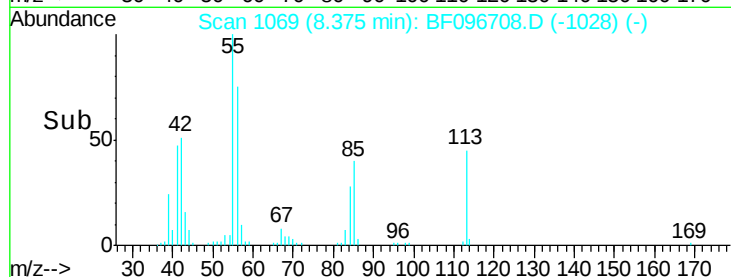
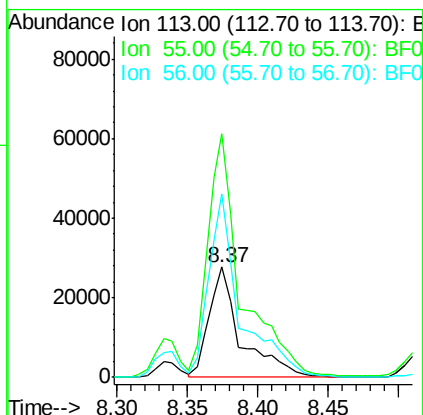
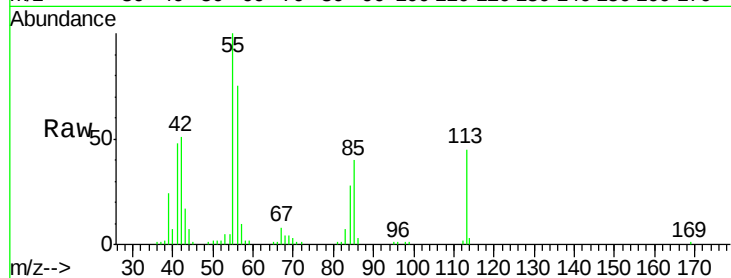




#35
 Caprolactam
 Concen: 19.01 ng
 RT: 8.37 min Scan# 1069
 Delta R.T. -0.06 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

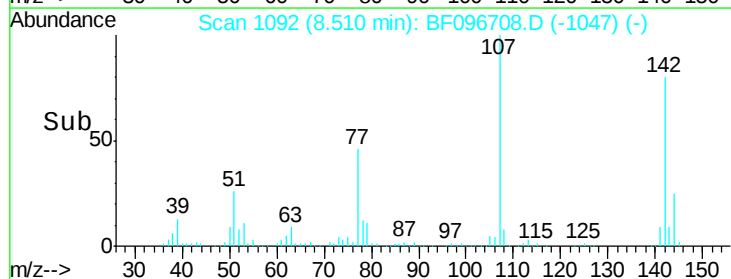
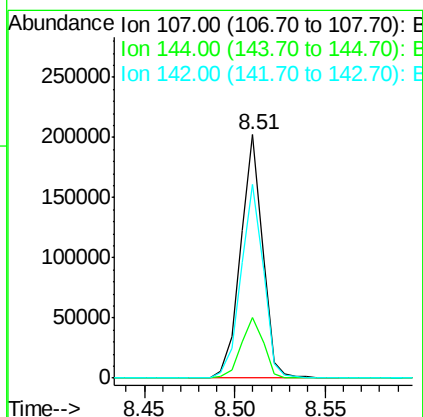
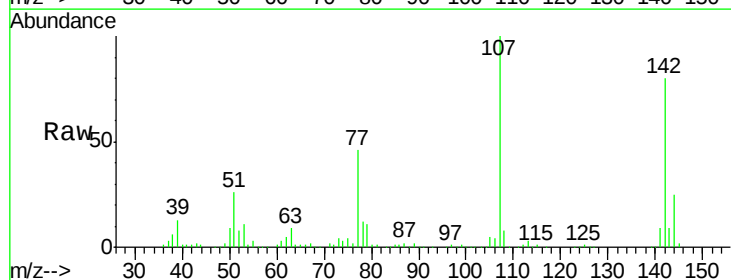
Instrument :
 BNA_F
 ClientSampleId :

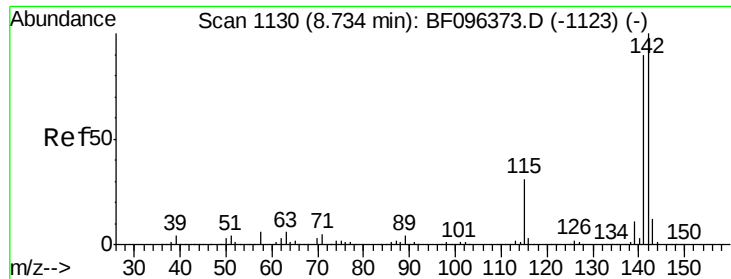
Tot Ion:113 Resp: 43926
 Ion Ratio Lower Upper
 113 100
 55 220.5 150.2 190.2#
 56 165.7 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 23.12 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:107 Resp: 171387
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 79.7 73.4 110.0

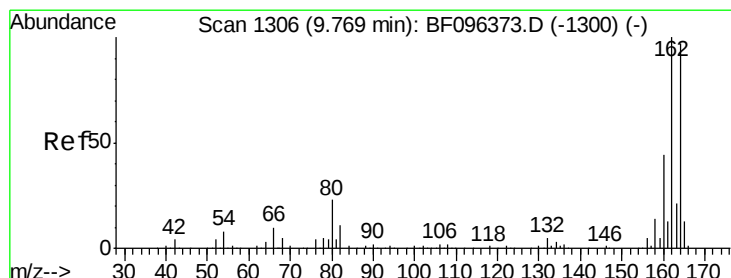
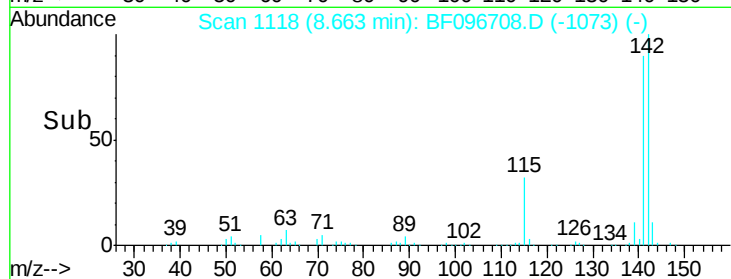
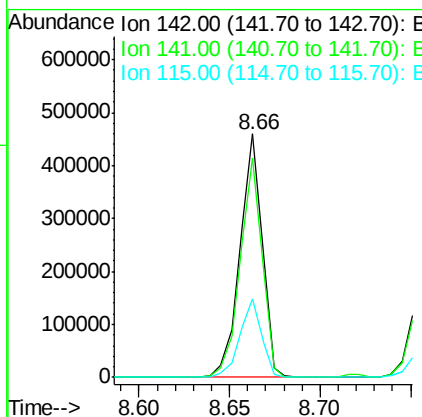
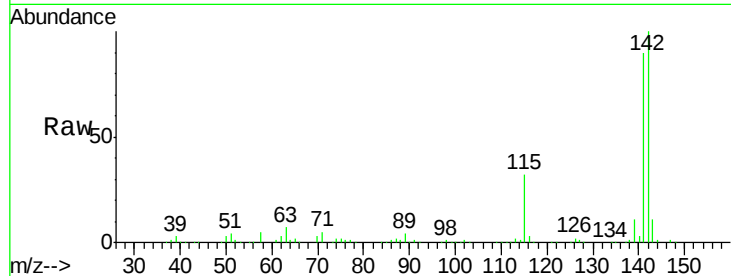




#37
 2-Methylnaphthalene
 Concen: 26.29 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

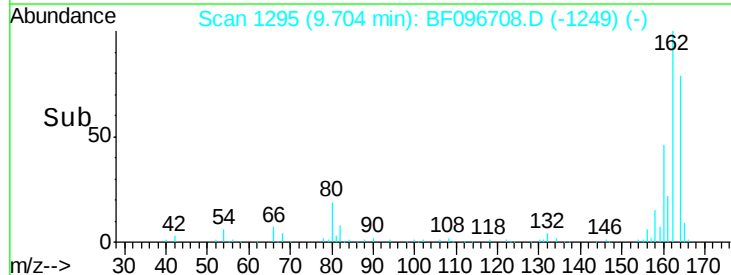
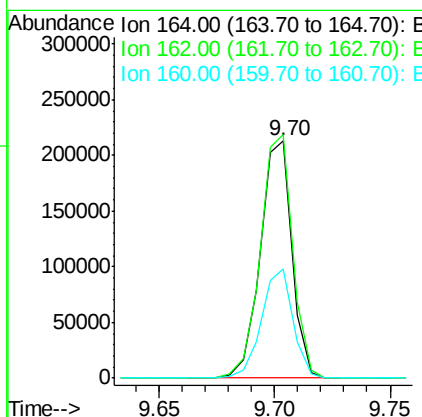
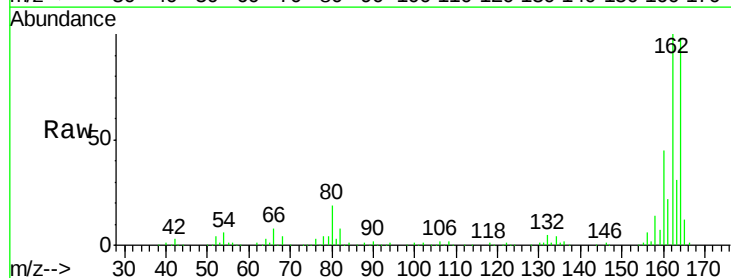
Instrument :
 BNA_F
 ClientSampleId :

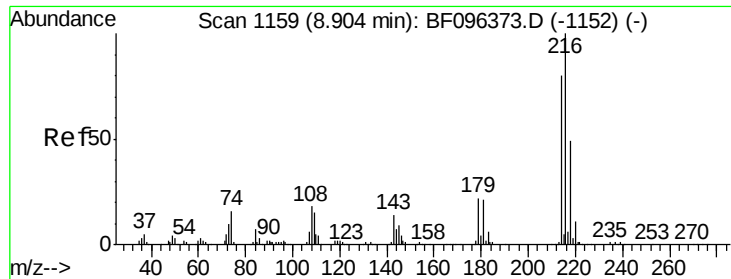
Tot Ion:142 Resp: 390009
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 32.1 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:164 Resp: 202685
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 46.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.32 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.04 min

Lab File: BF096708.D

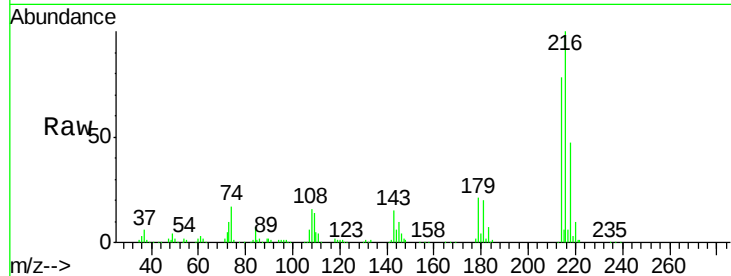
Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:216	Resp:	143795
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.4 95.2
179	22.5	17.9 26.9
108	19.4	16.5 24.7

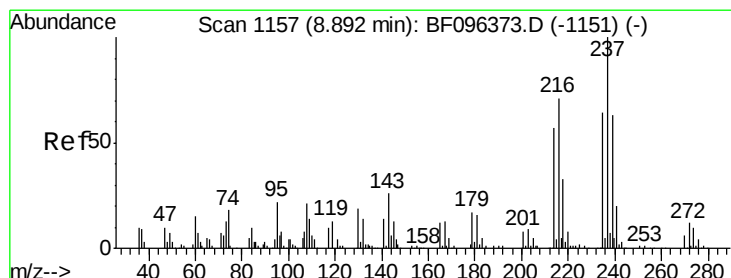
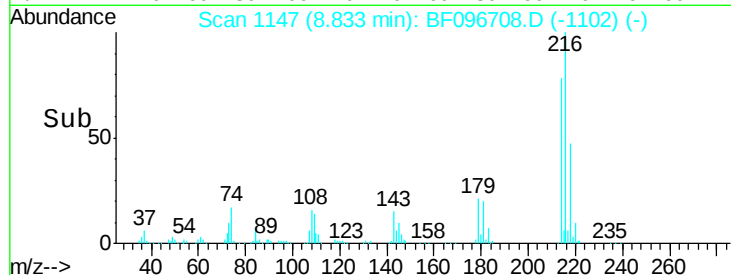
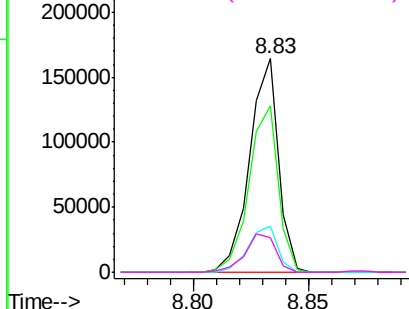


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.09 ng

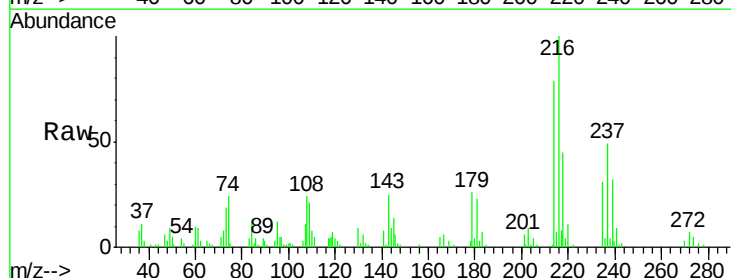
RT: 8.82 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

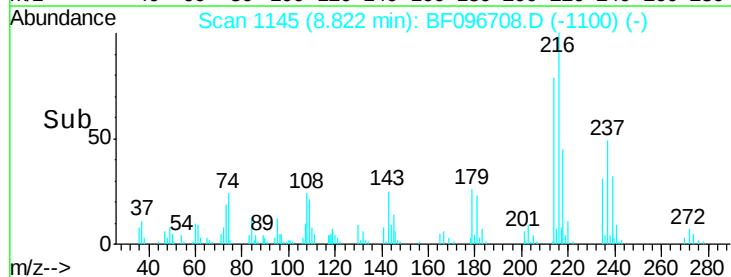
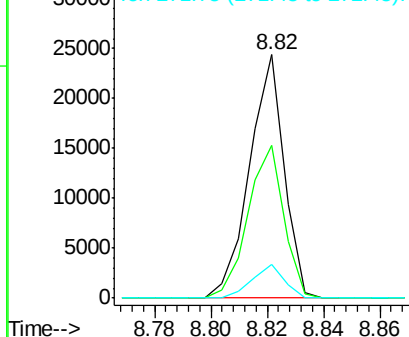
Tgt Ion:237	Resp:	20711
Ion Ratio	Lower	Upper
237	100	
235	62.6	42.6 82.6
272	13.7	0.0 31.9

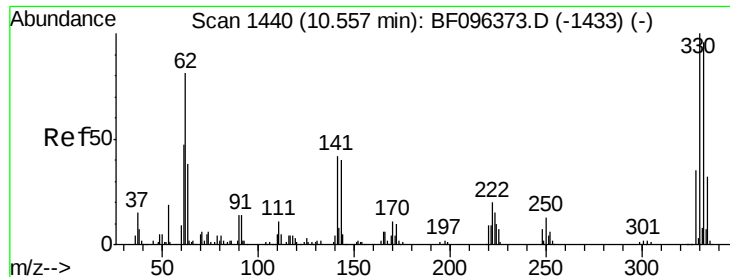


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

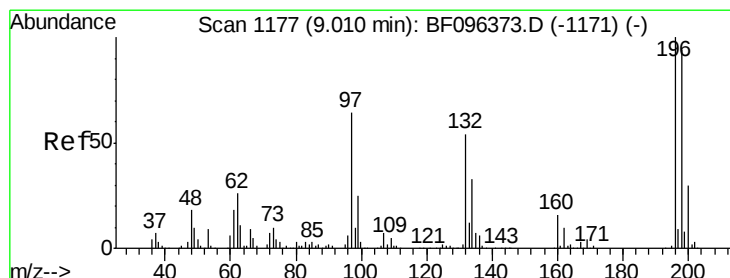
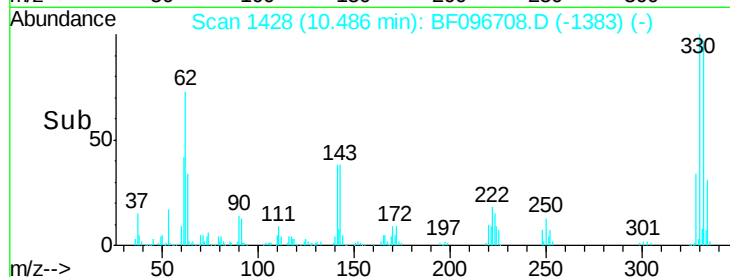
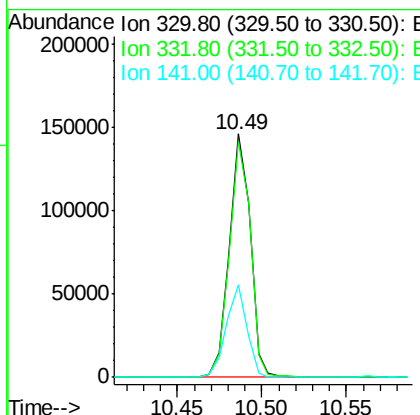
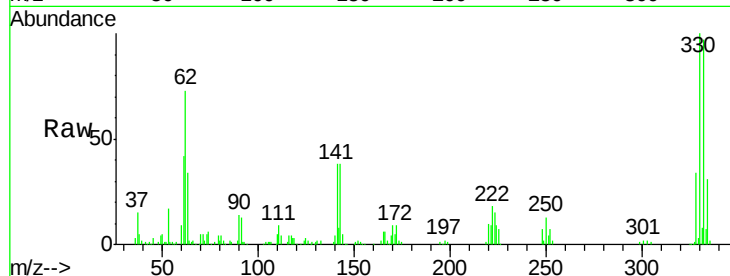




#41
 2,4,6-Tribromophenol
 Concen: 79.64 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

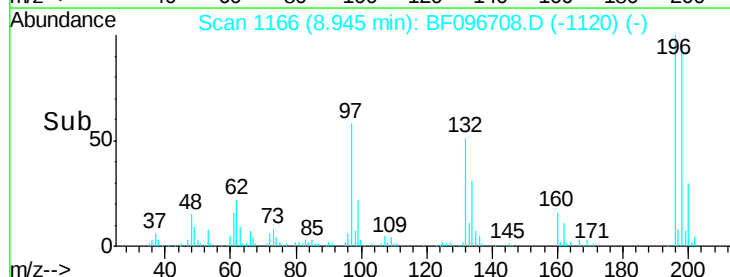
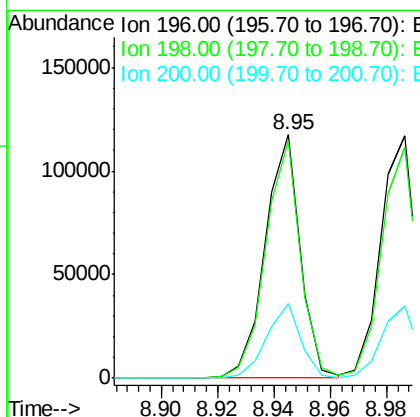
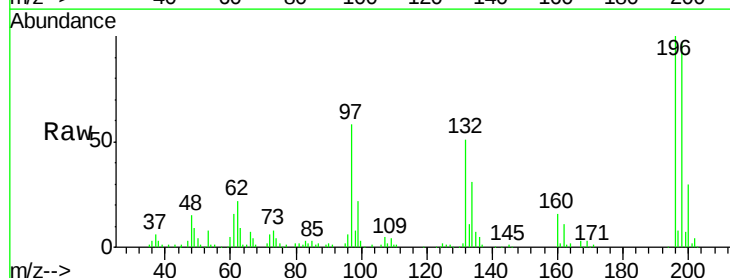
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 126081
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 37.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 24.26 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:196 Resp: 101013
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.2 111.4
 200 30.4 24.0 36.0

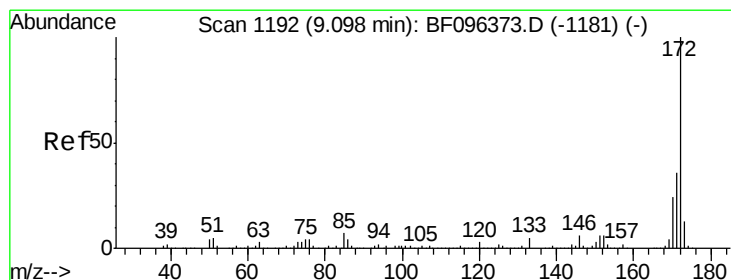
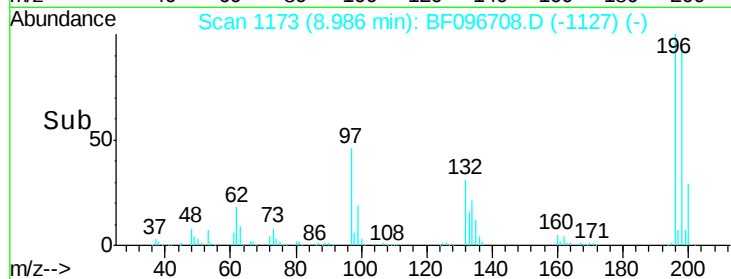
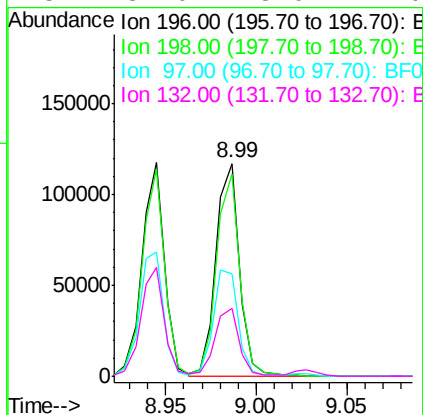
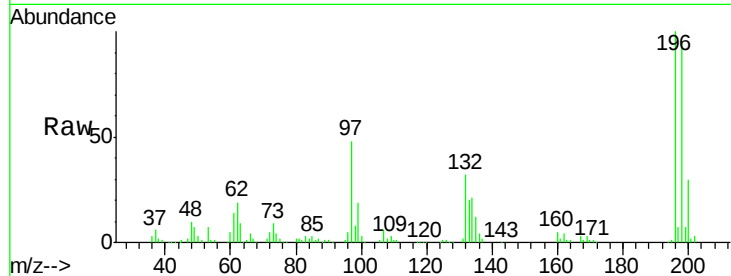




#43
 2,4,5-Trichlorophenol
 Concen: 25.67 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

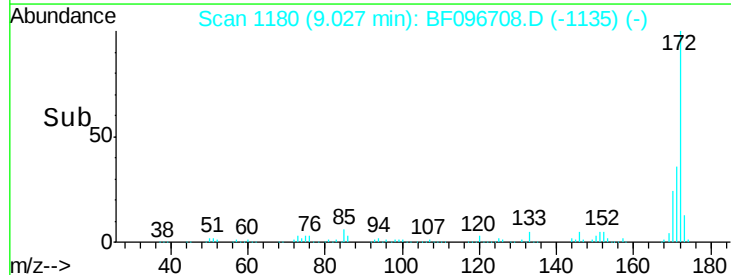
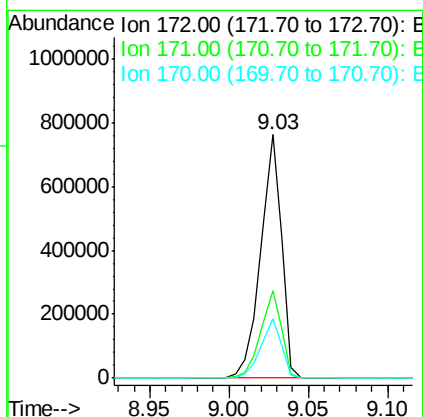
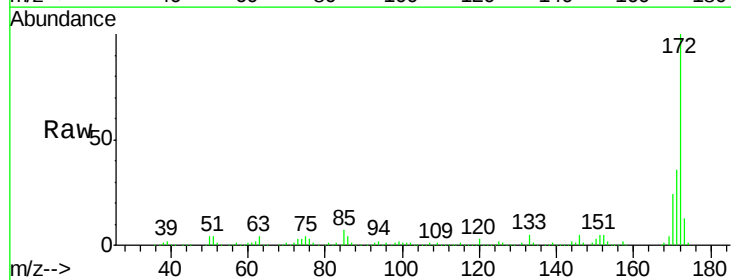
Instrument :
 BNA_F
 ClientSampleId :

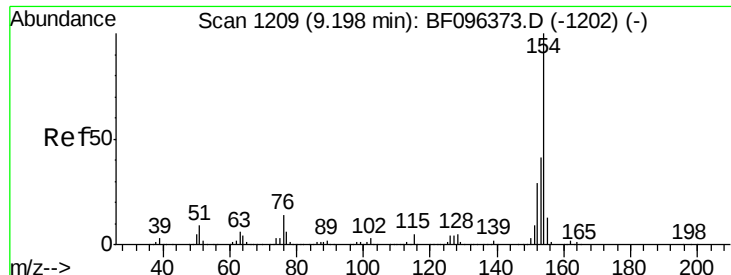
Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.1	75.7	113.5	
97	47.8	47.7	71.5	
132	32.0	28.0	42.0	



#44
 2-Fluorobiphenyl
 Concen: 59.41 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	24.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 27.39 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

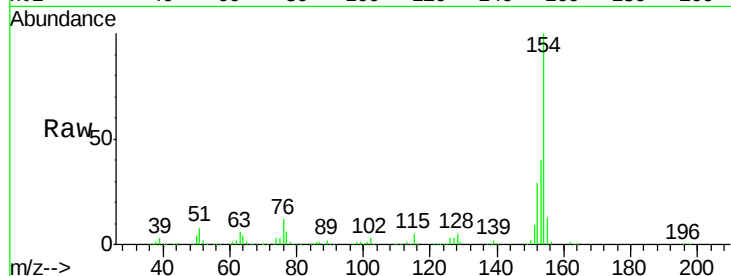
Tot Ion:154 Resp: 475718

Ion Ratio Lower Upper

154 100

153 40.0 21.2 61.2

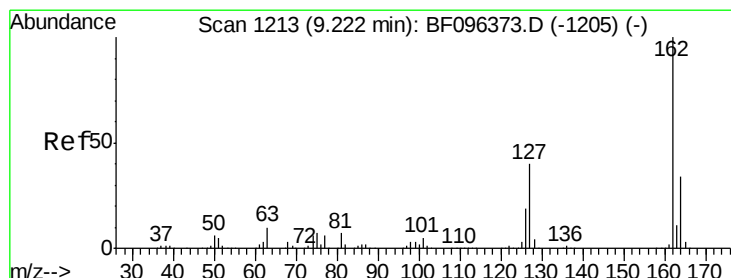
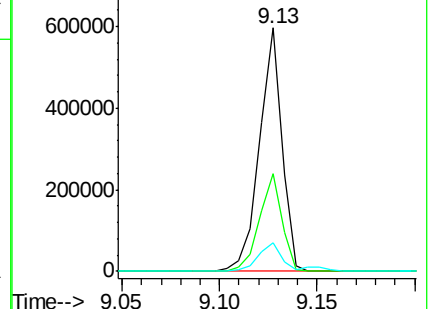
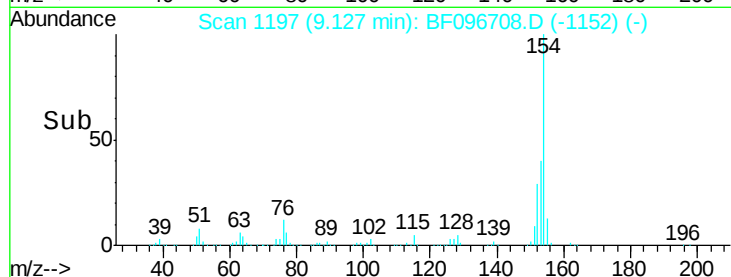
76 11.9 0.0 29.9



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: 27.94 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

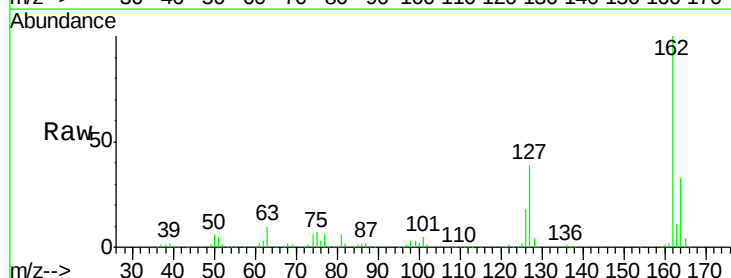
Tgt Ion:162 Resp: 361613

Ion Ratio Lower Upper

162 100

127 39.0 28.3 42.5

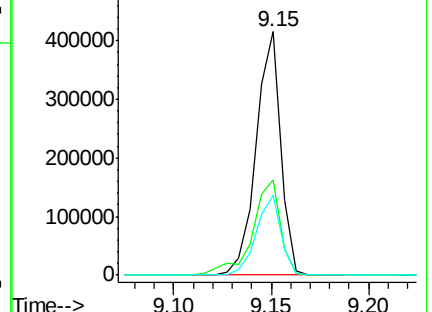
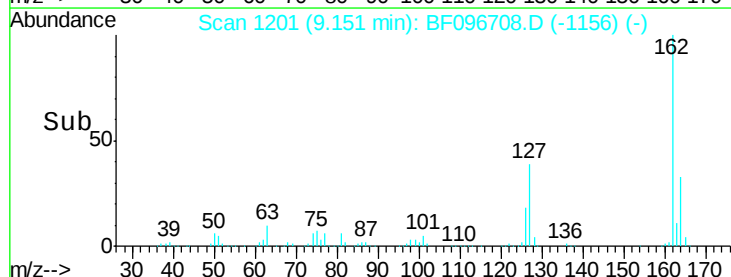
164 32.6 27.0 40.4

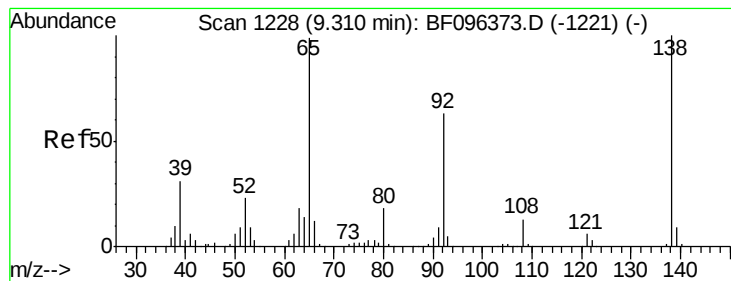


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 26.97 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.03 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

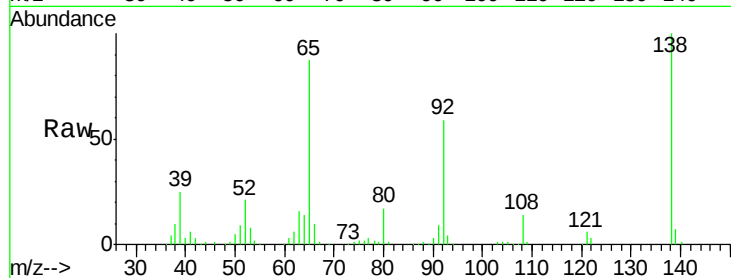
Tot Ion: 65 Resp: 126999

Ion Ratio Lower Upper

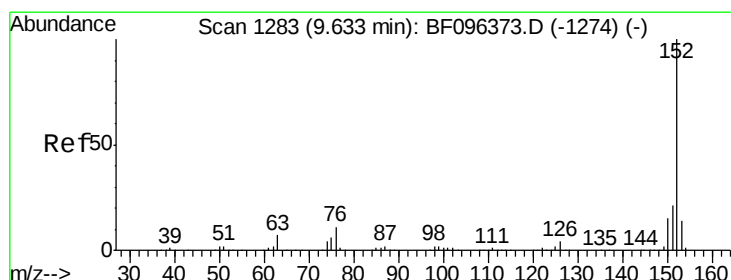
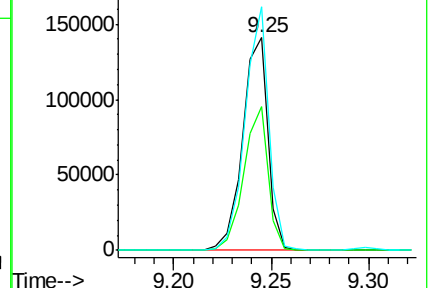
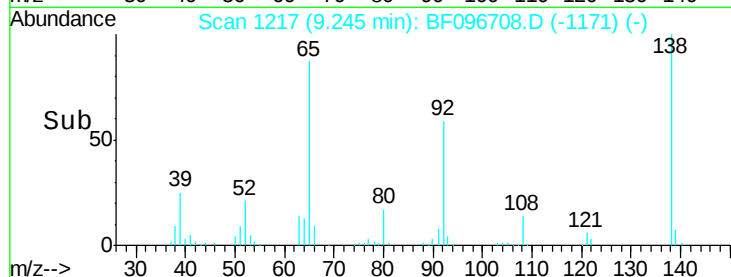
65 100

92 67.7 53.9 80.9

138 114.5 78.8 118.2



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



#48

Acenaphthylene

Concen: 26.53 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

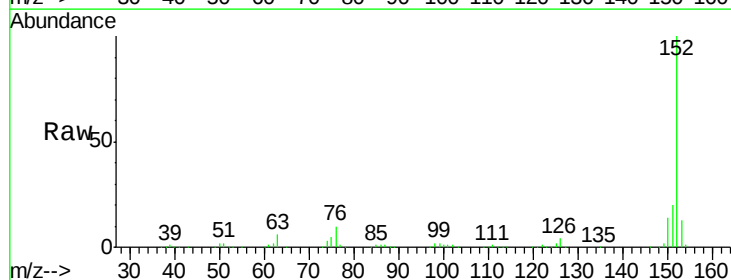
Tgt Ion: 152 Resp: 544062

Ion Ratio Lower Upper

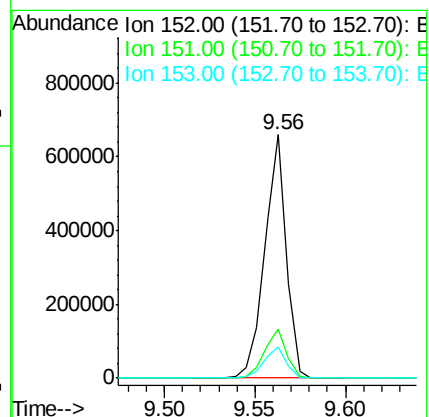
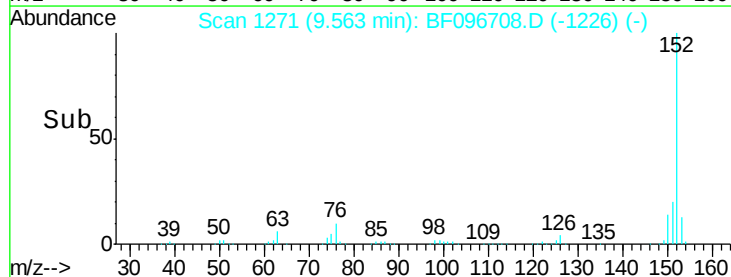
152 100

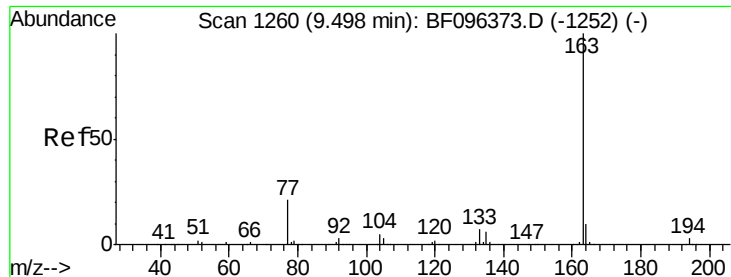
151 20.0 16.8 25.2

153 12.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

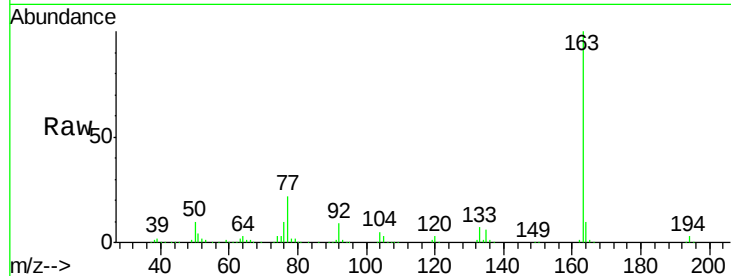




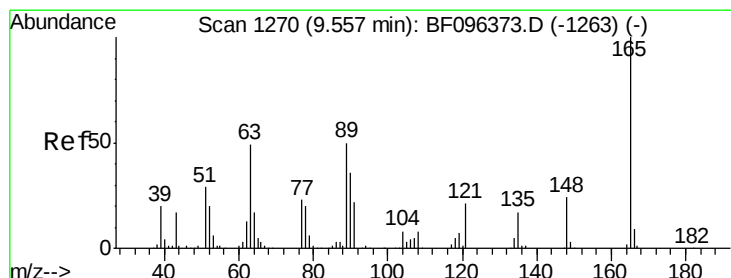
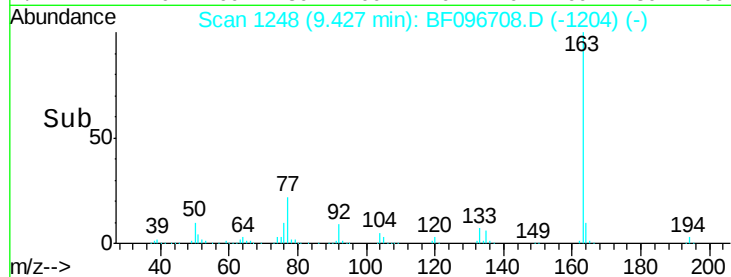
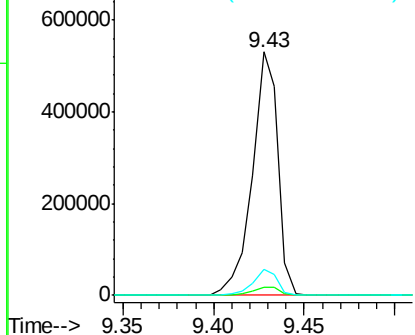
#49
Dimethylphthalate
Concen: 34.22 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 517824
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.4 12.6

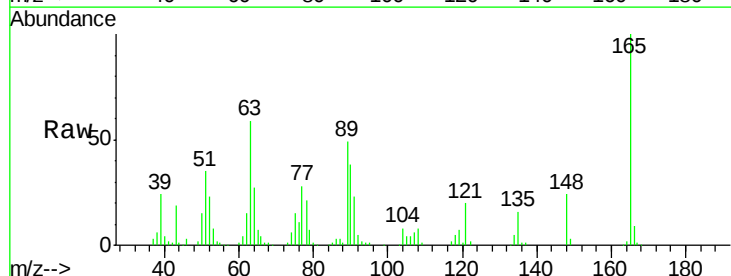


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

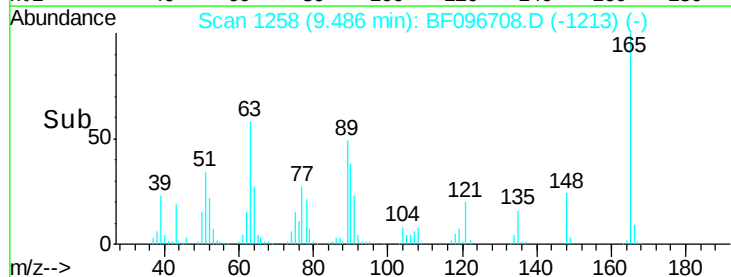
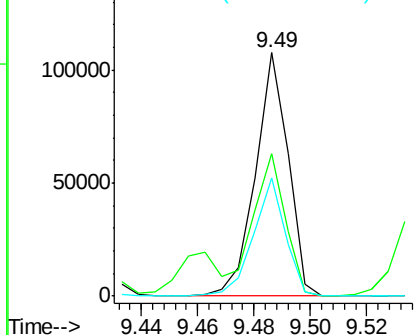


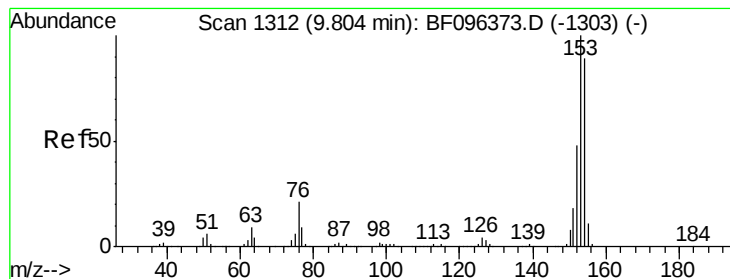
#50
2,6-Dinitrotoluene
Concen: 25.81 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion:165 Resp: 86358
Ion Ratio Lower Upper
165 100
63 58.7 34.3 51.5#
89 48.8 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: 24.74 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampled :

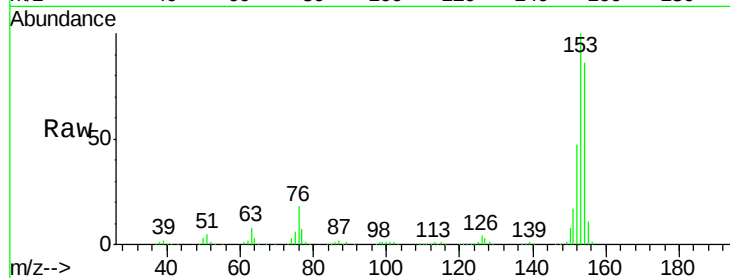
Tot Ion:154 Resp: 312753

Ion Ratio Lower Upper

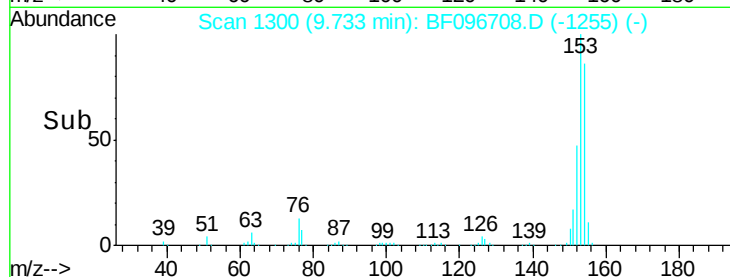
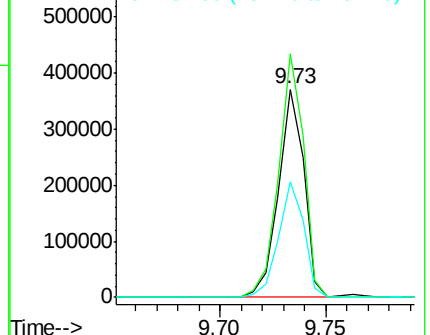
154 100

153 116.9 90.5 135.7

152 55.4 43.6 65.4



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



#52

3-Nitroaniline

Concen: 21.40 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

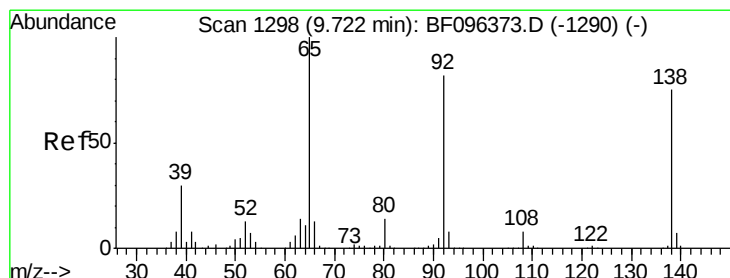
Tgt Ion:138 Resp: 89295

Ion Ratio Lower Upper

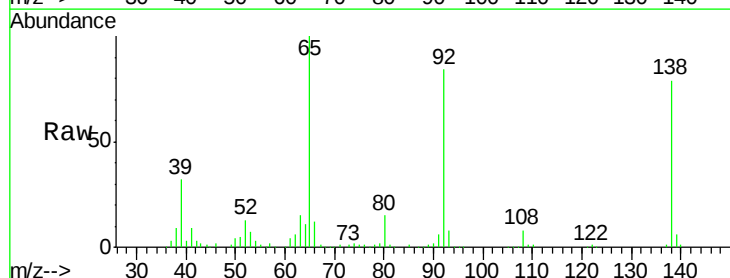
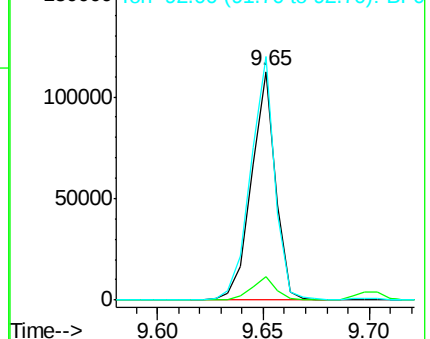
138 100

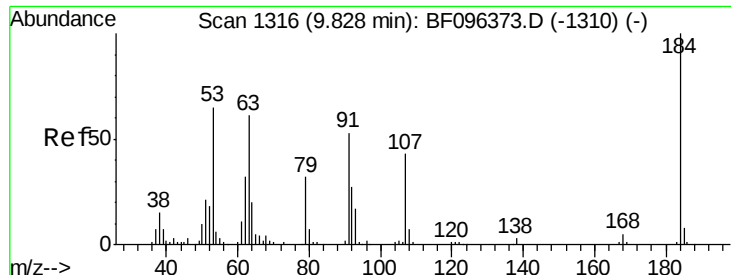
108 10.2 9.1 13.7

92 106.4 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

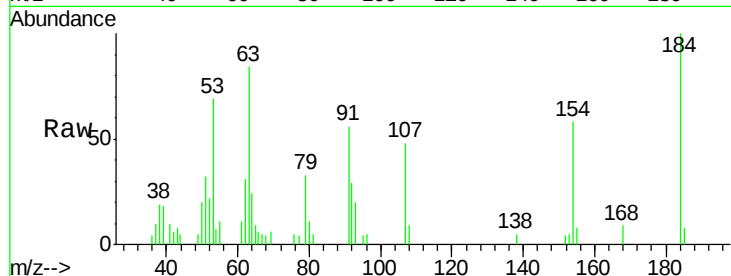




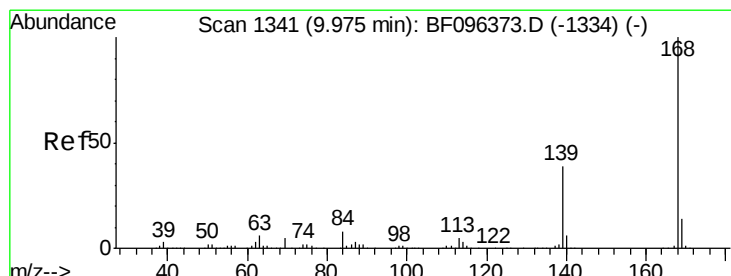
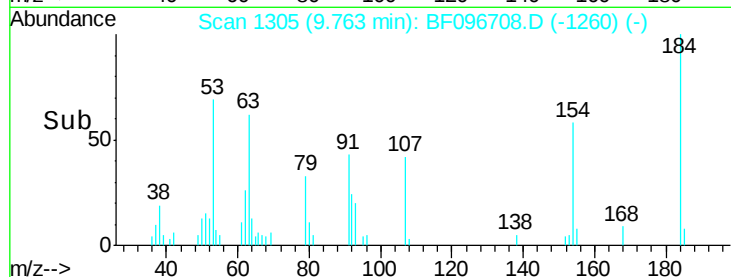
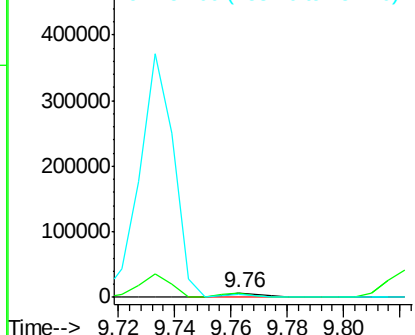
#53
2,4-Dinitrophenol
Concen: 3.72 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 6612
Ion Ratio Lower Upper
184 100
63 84.3 62.7 94.1
154 58.5 81.1 121.7#

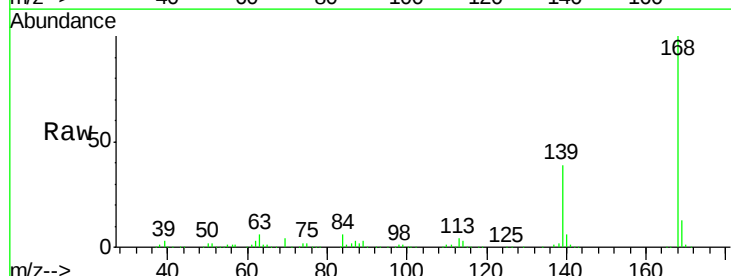


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

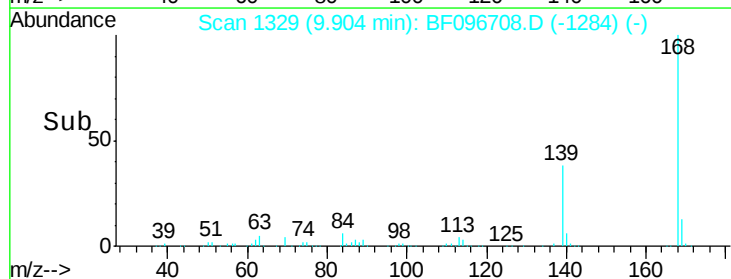
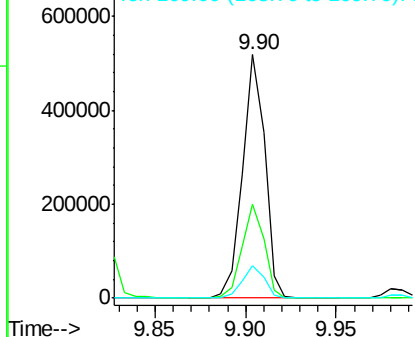


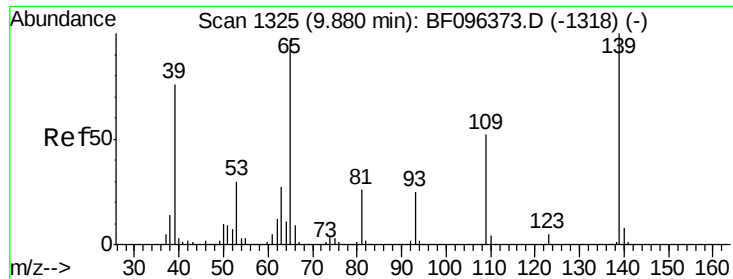
#54
Dibenzofuran
Concen: 26.55 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion:168 Resp: 443067
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 13.1 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

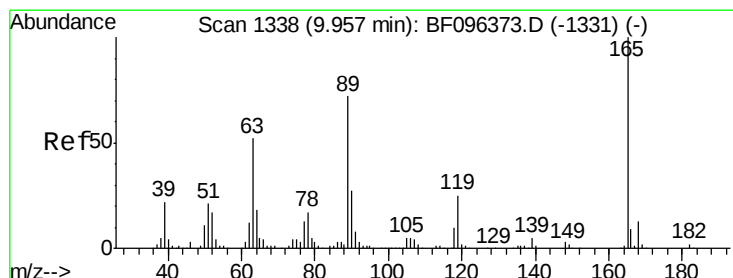
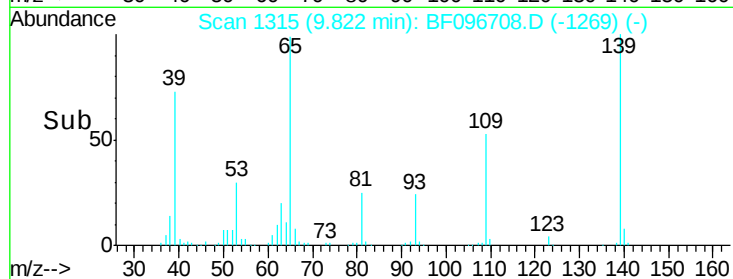
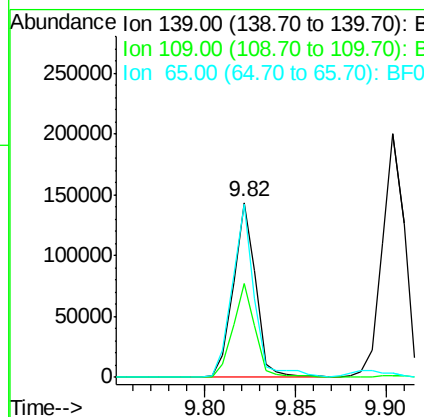
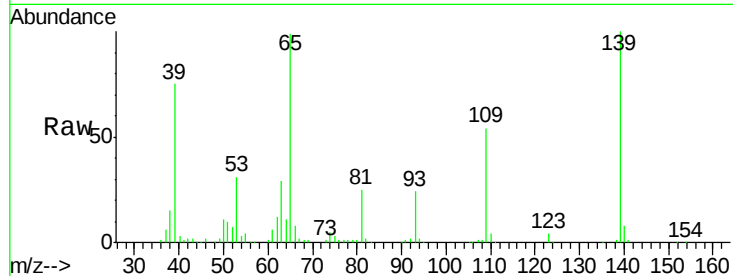




#55
4-Nitrophenol
Concen: 36.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

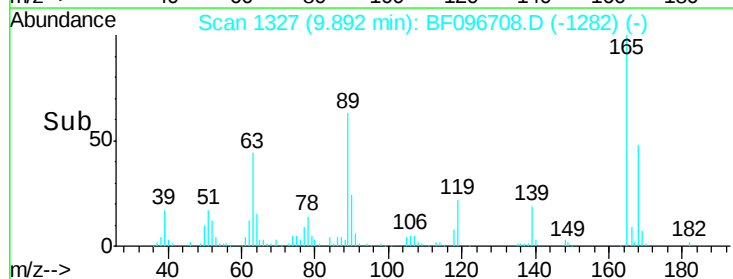
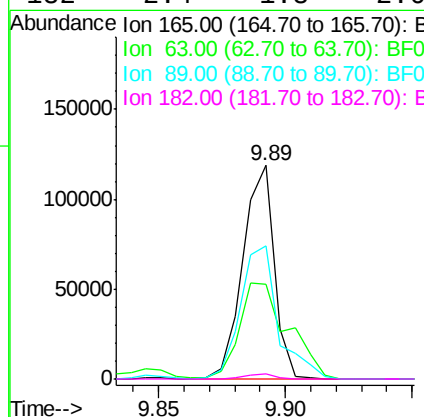
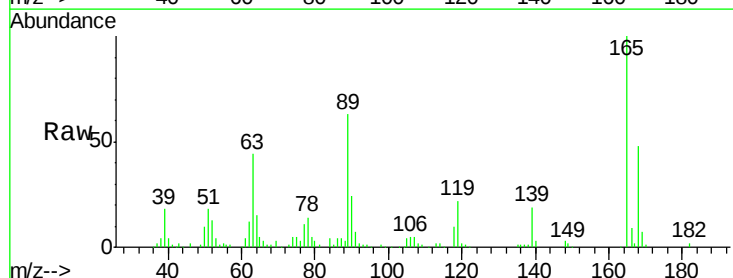
Instrument :
BNA_F
ClientSampleId :

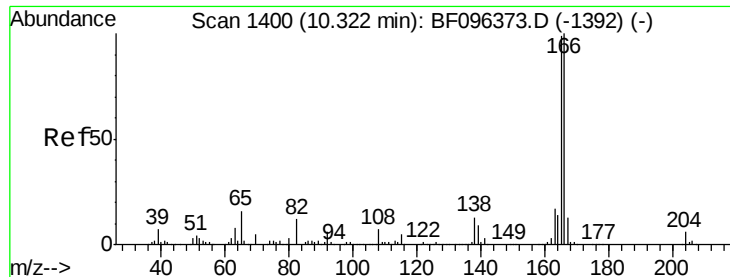
Tot Ion:139 Resp: 124535
Ion Ratio Lower Upper
139 100
109 53.7 34.1 74.1
65 99.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 24.18 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion:165 Resp: 102462
Ion Ratio Lower Upper
165 100
63 44.4 25.4 38.0#
89 62.5 46.4 69.6
182 2.4 1.8 2.6

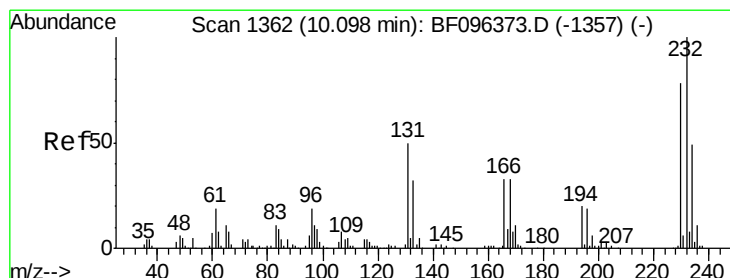
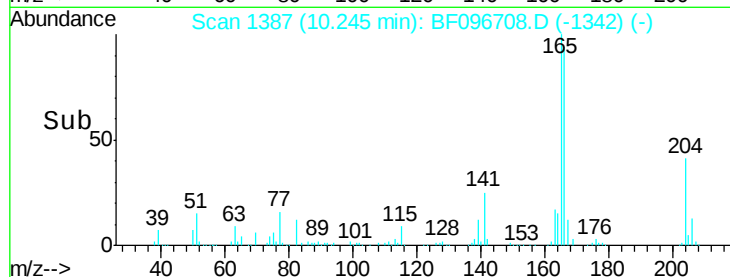
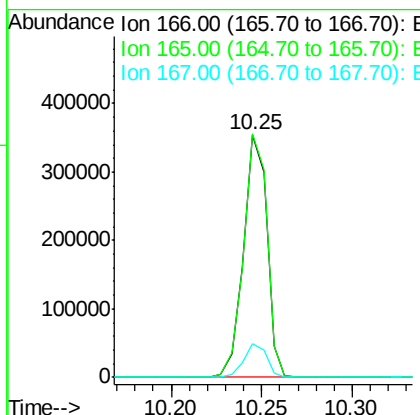
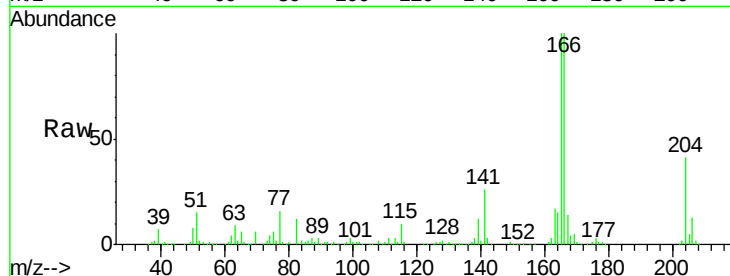




#57
 Fluorene
 Concen: 27.08 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

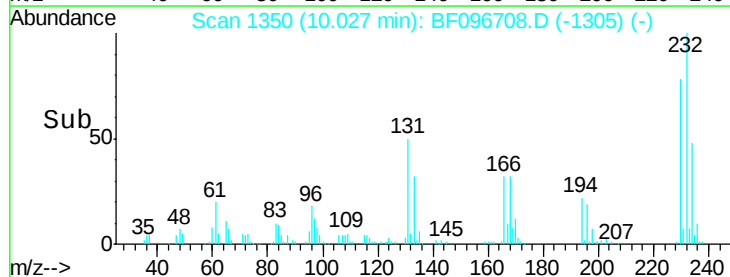
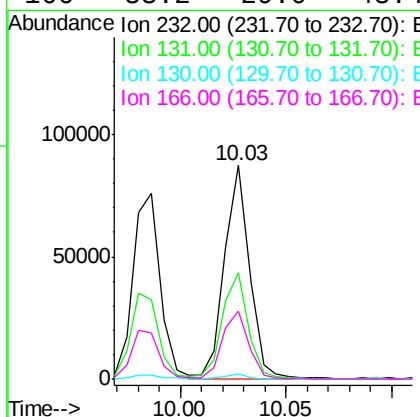
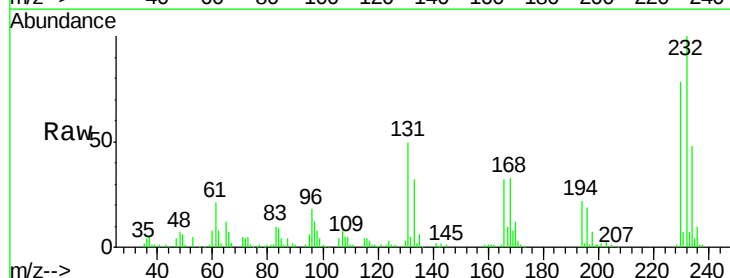
Instrument :
 BNA_F
 ClientSampleId :

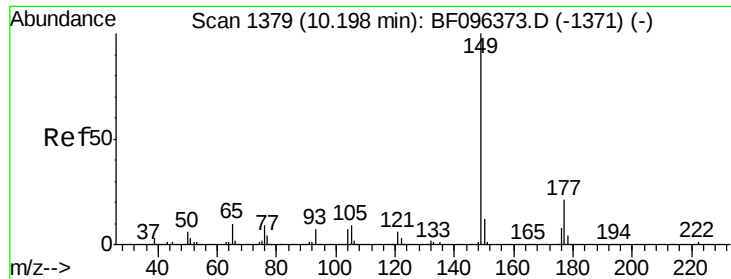
Tot Ion:166 Resp: 319200
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.8 118.2
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.30 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:232 Resp: 72052
 Ion Ratio Lower Upper
 232 100
 131 51.4 44.8 67.2
 130 2.3 2.3 3.5#
 166 33.2 29.0 43.4

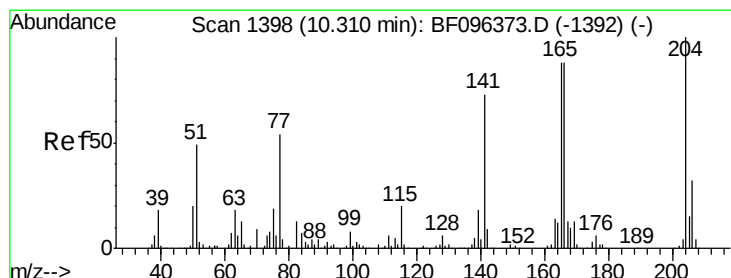
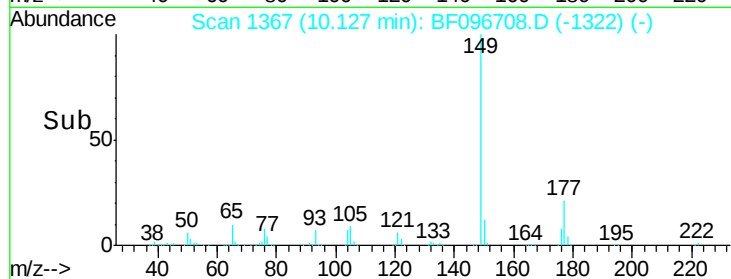
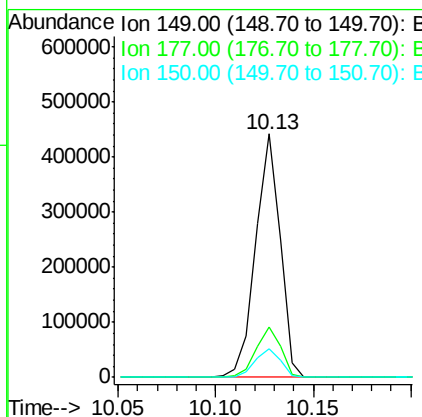
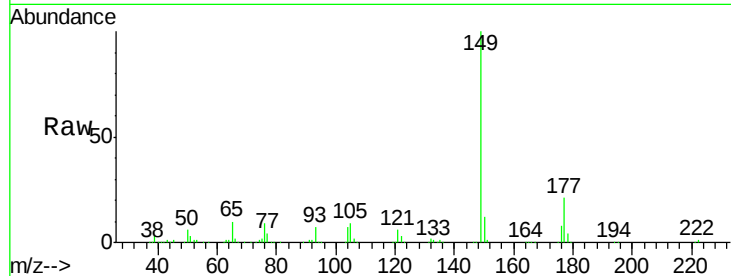




#59
Diethylphthalate
Concen: 26.93 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

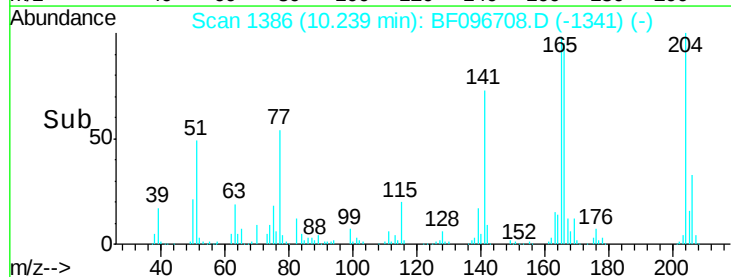
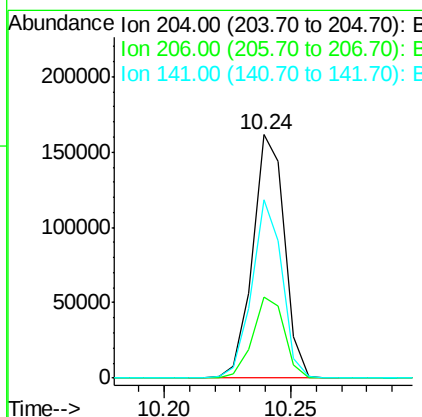
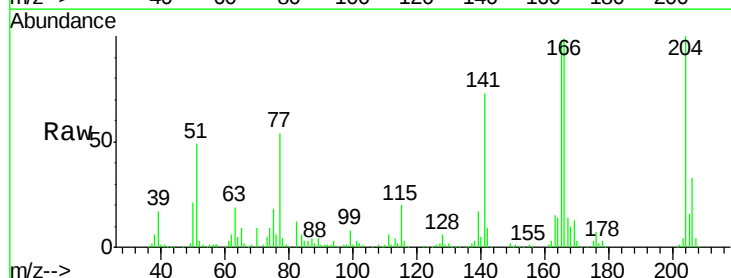
Instrument :
BNA_F
ClientSampled :

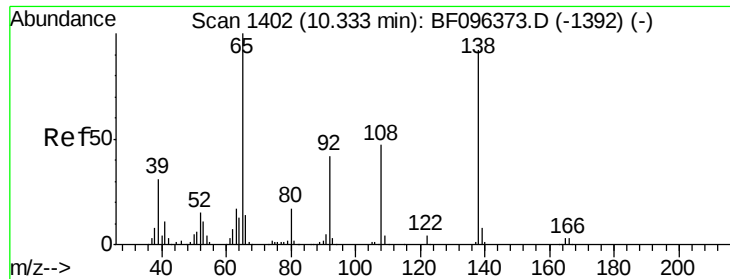
Tot Ion:149 Resp: 385184
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 27.52 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion:204 Resp: 141140
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 73.5 60.8 91.2

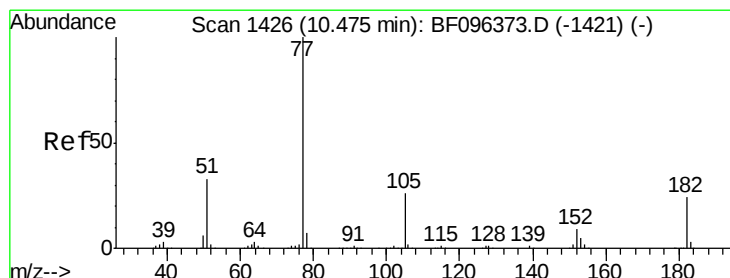
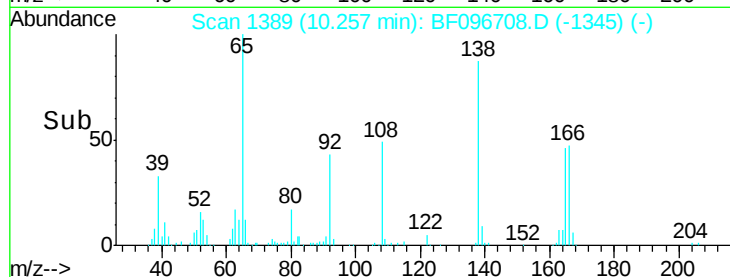
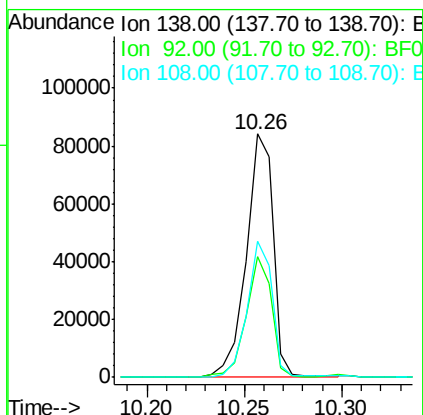
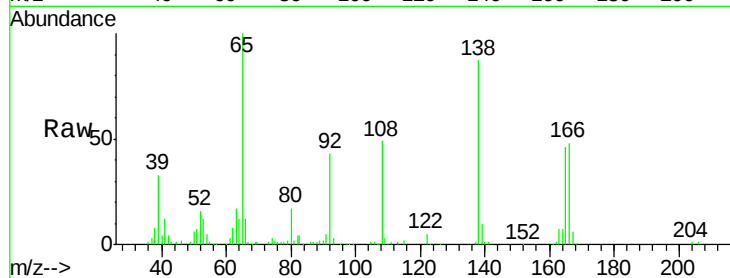




#61
4-Nitroaniline
Concen: 21.29 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

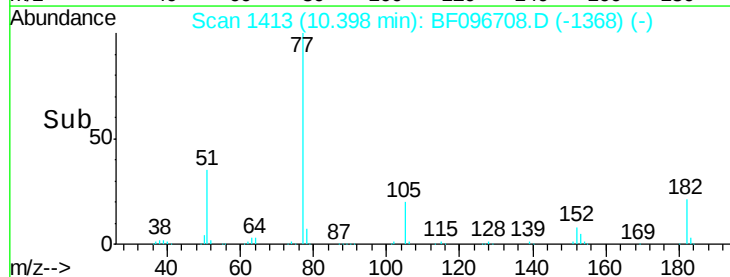
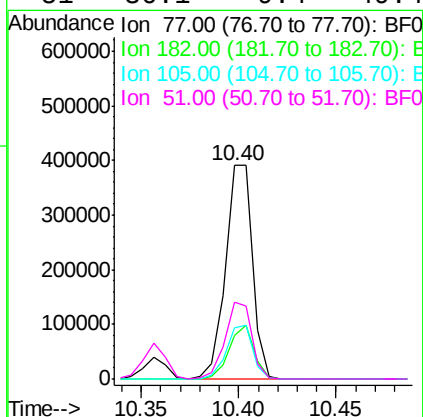
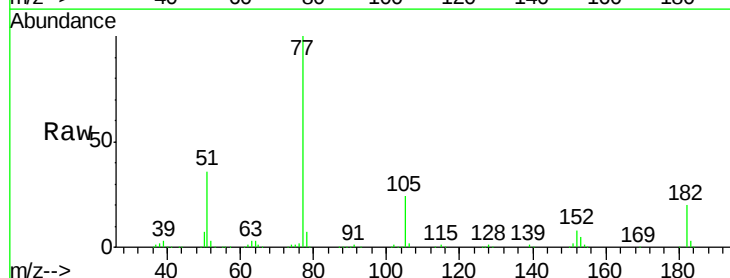
Instrument :
BNA_F
ClientSampleId :

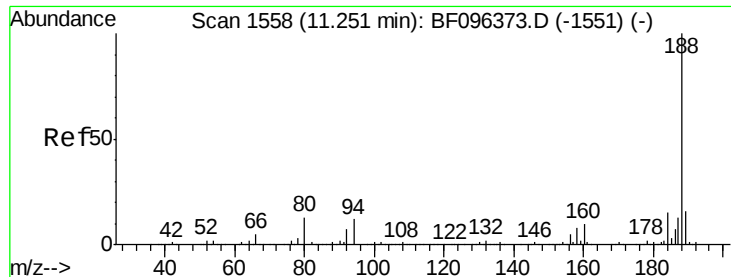
Tot Ion:138 Resp: 80794
Ion Ratio Lower Upper
138 100
92 49.6 21.8 61.8
108 56.0 42.3 82.3



#62
Azobenzene
Concen: 27.19 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion: 77 Resp: 376028
Ion Ratio Lower Upper
77 100
182 20.3 0.1 40.1
105 23.9 3.6 43.6
51 36.1 9.4 49.4

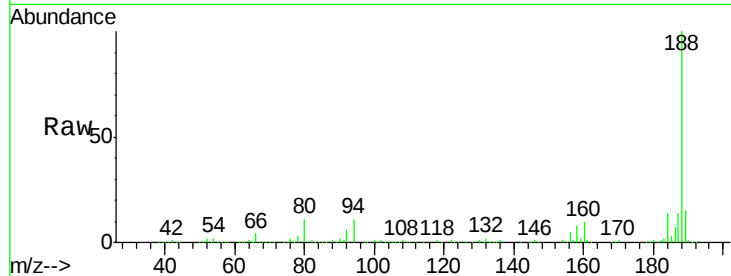




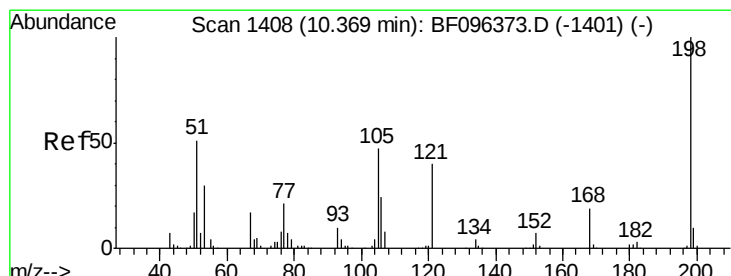
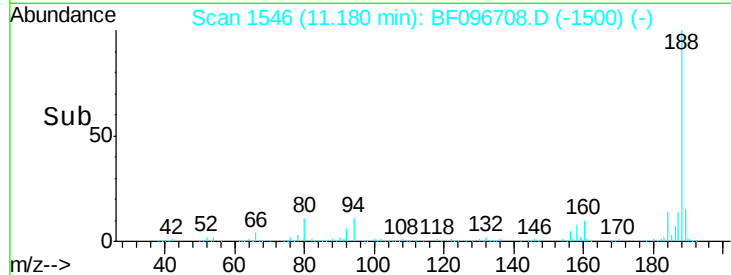
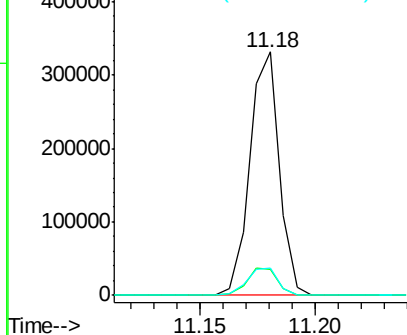
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.03 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 295516
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.0 10.2 15.2

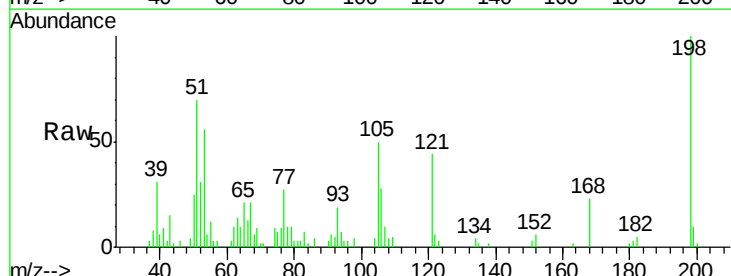


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

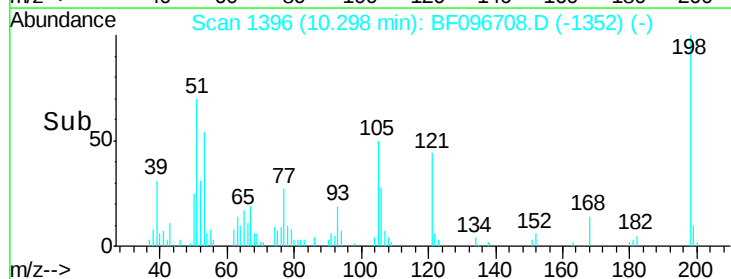
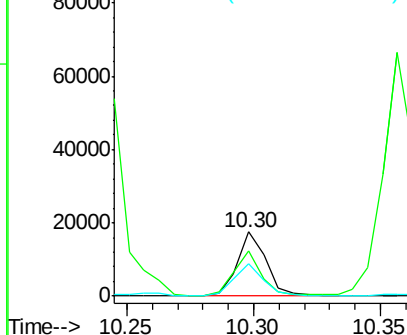


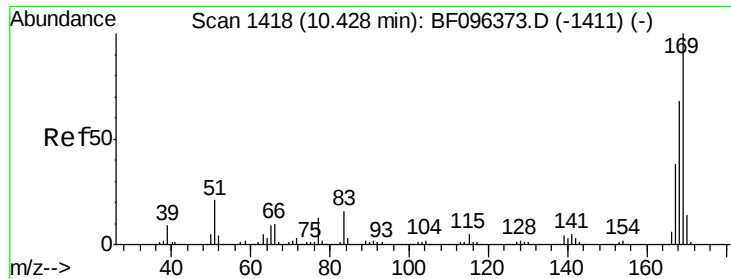
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.69 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:198 Resp: 13639
 Ion Ratio Lower Upper
 198 100
 51 70.4 53.2 93.2
 105 50.3 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

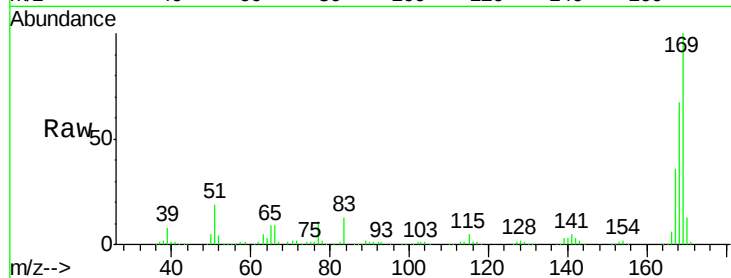




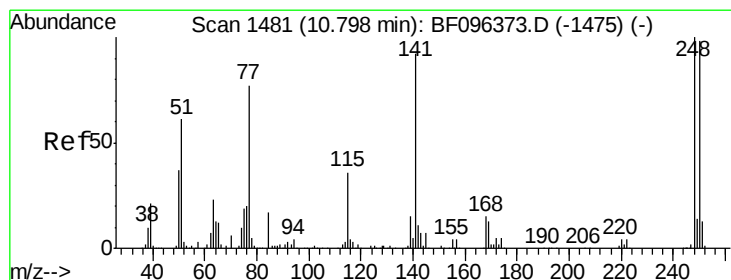
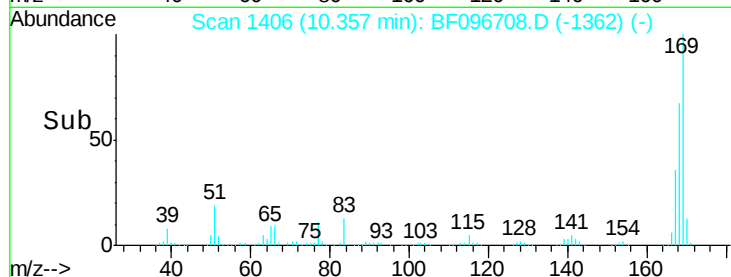
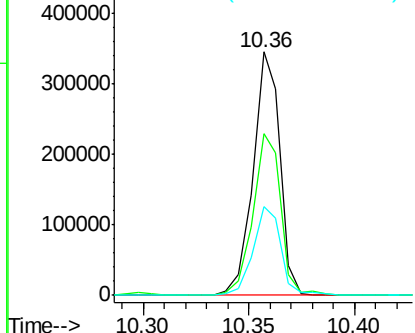
#65
 n-Nitrosodiphenylamine
 Concen: 29.37 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 304558
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.2 79.8
 167 36.4 29.5 44.3

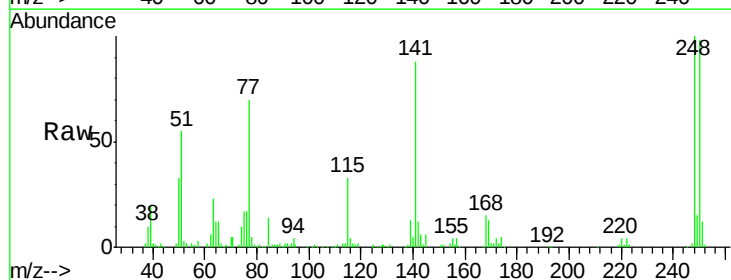


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

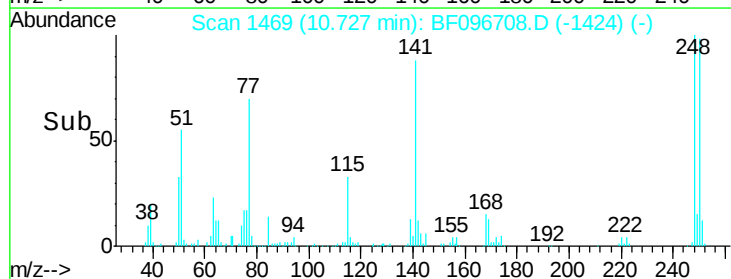
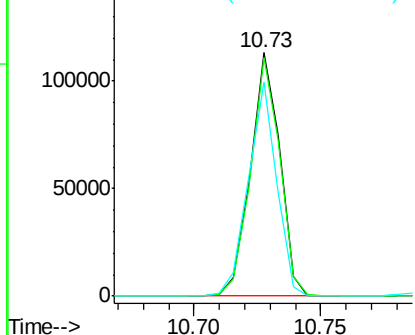


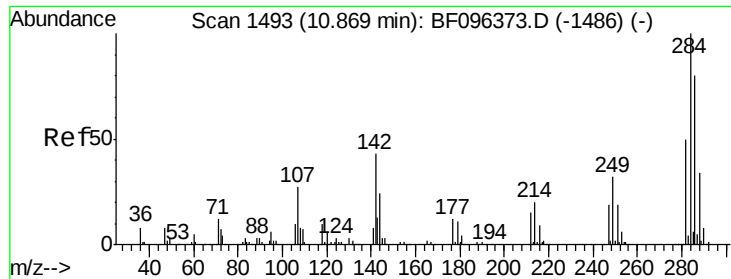
#66
 4-Bromophenyl-phenylether
 Concen: 31.75 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:248 Resp: 91349
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.8 115.2
 141 87.9 68.6 103.0



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

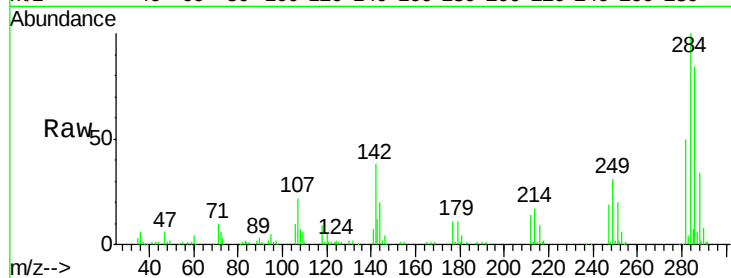




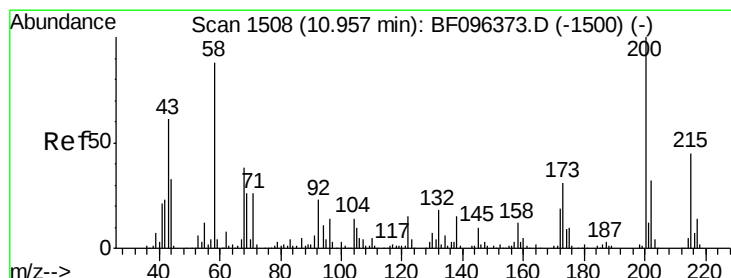
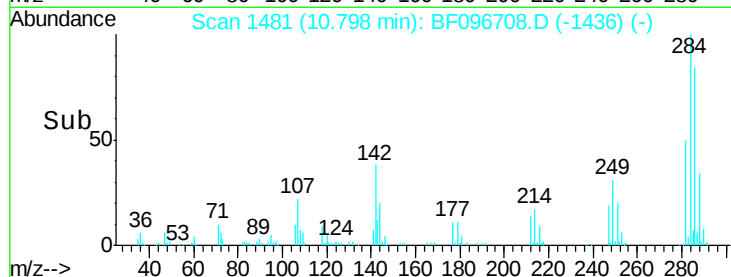
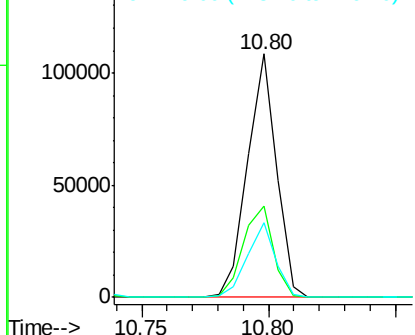
#67
Hexachlorobenzene
Concen: 27.53 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 86693
Ion Ratio Lower Upper
284 100
142 37.6 22.8 34.2#
249 30.6 24.0 36.0

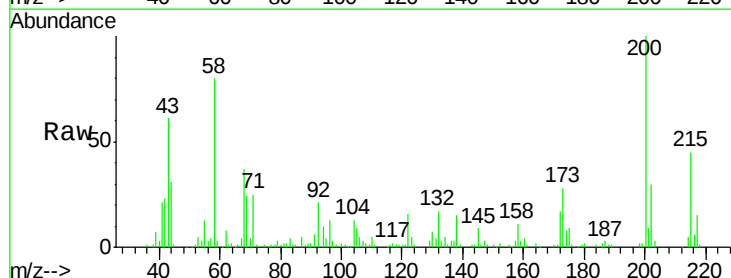


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

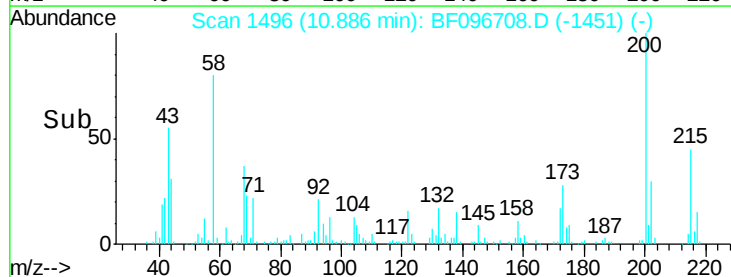
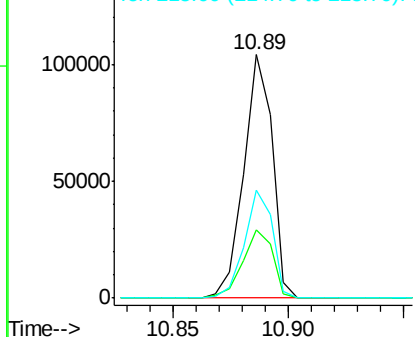


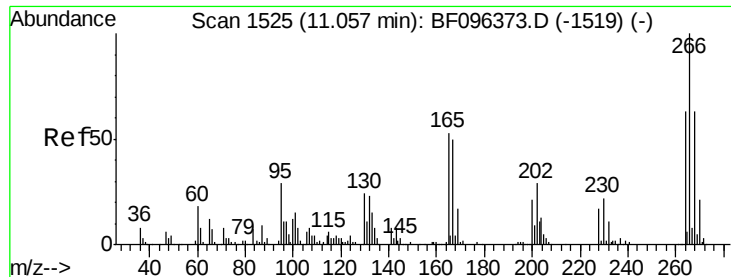
#68
Atrazine
Concen: 30.41 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion:200 Resp: 90071
Ion Ratio Lower Upper
200 100
173 27.9 6.3 46.3
215 44.6 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

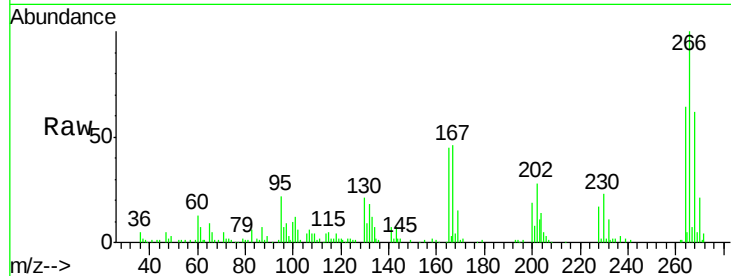




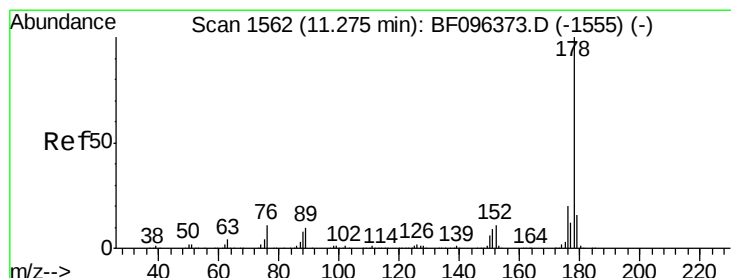
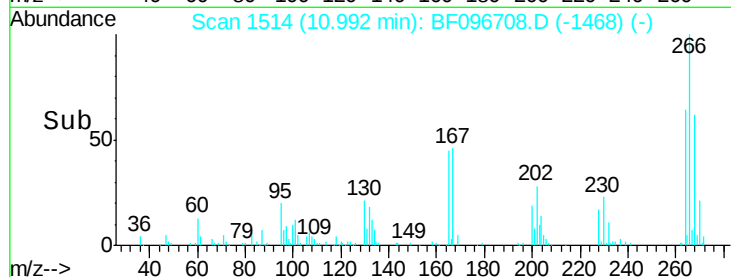
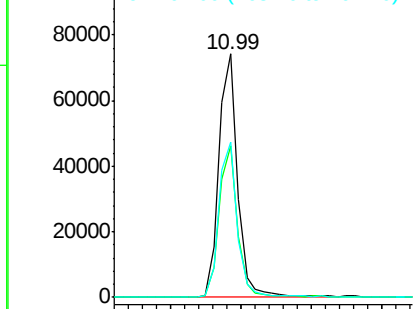
#69
 Pentachlorophenol
 Concen: 36.86 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.03 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 68787
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 64.0 51.7 77.5

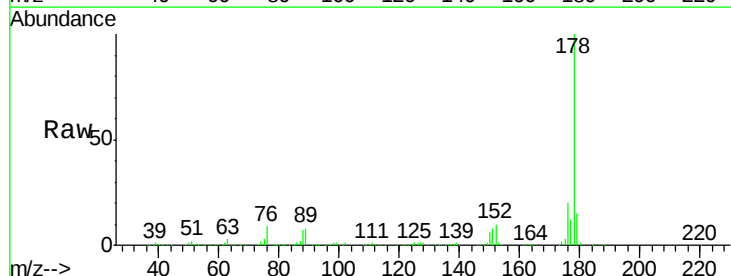


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

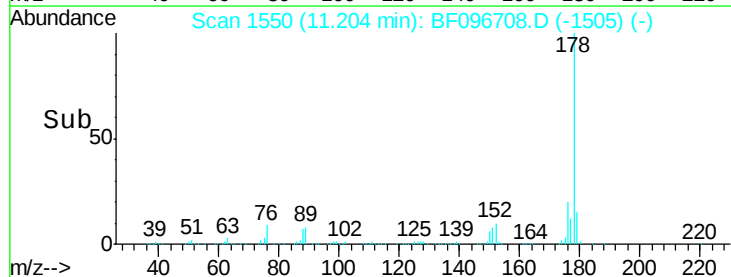
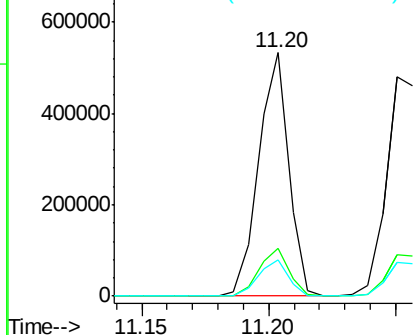


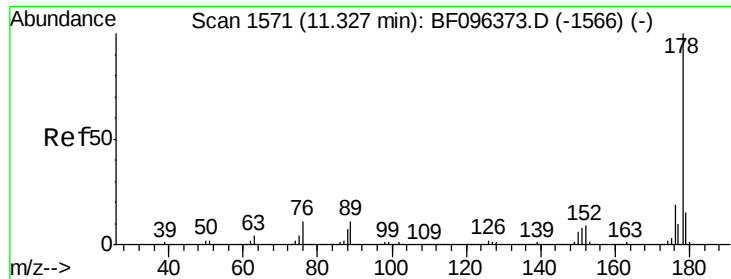
#70
 Phenanthrene
 Concen: 27.68 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:178 Resp: 442229
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.1 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

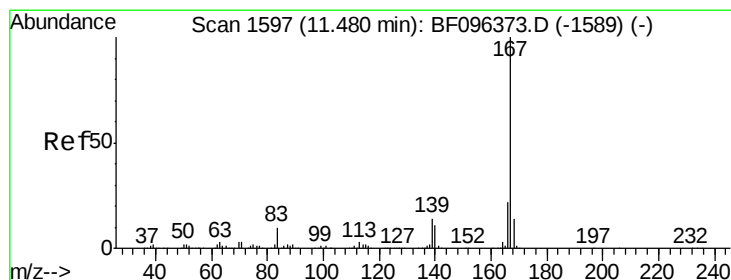
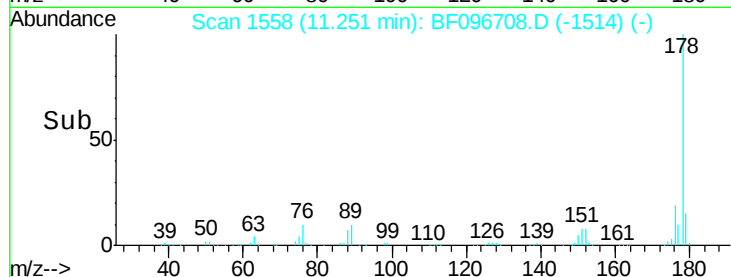
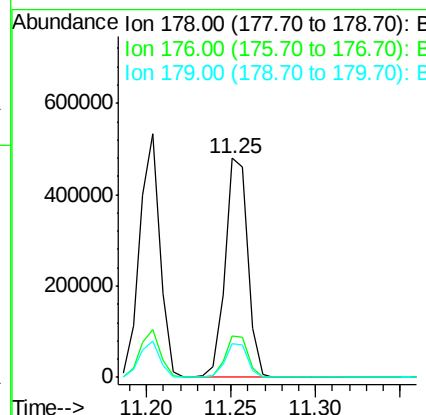
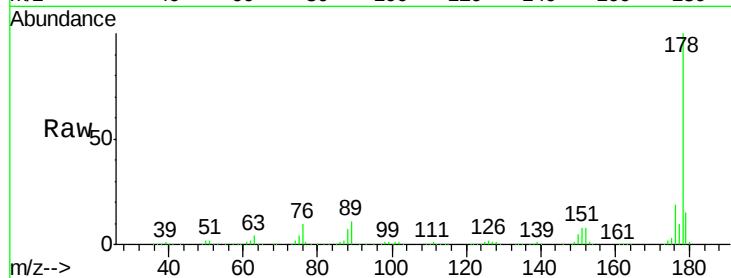




#71
 Anthracene
 Concen: 27.48 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

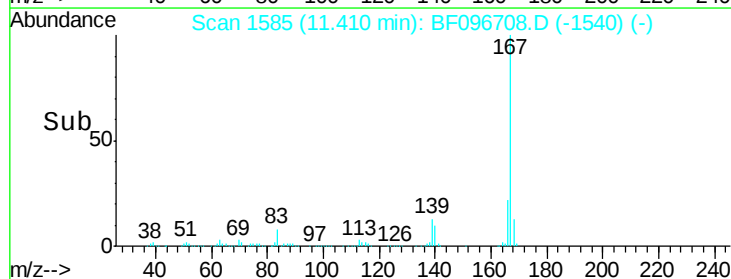
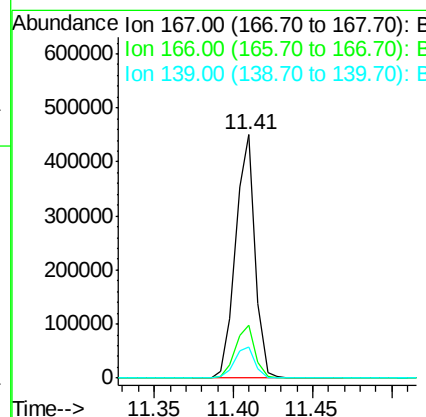
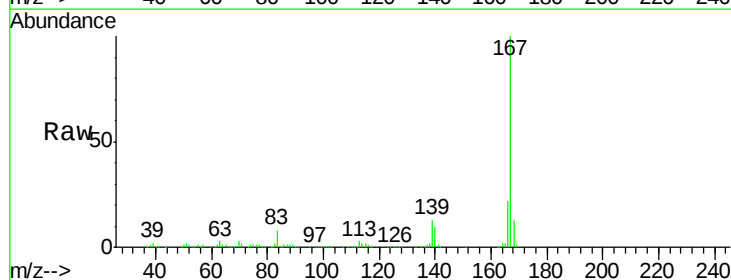
Instrument :
 BNA_F
 ClientSampleId :

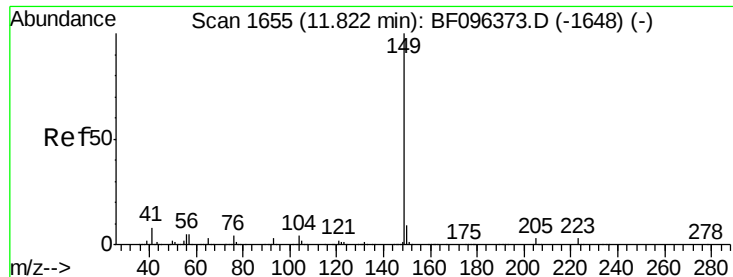
Tot Ion:178 Resp: 447326
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 23.34 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:167 Resp: 382075
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 12.8 11.7 17.5

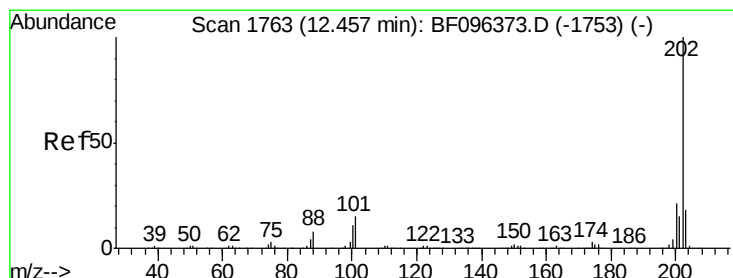
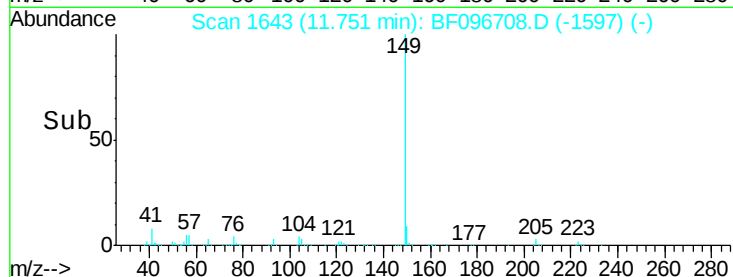
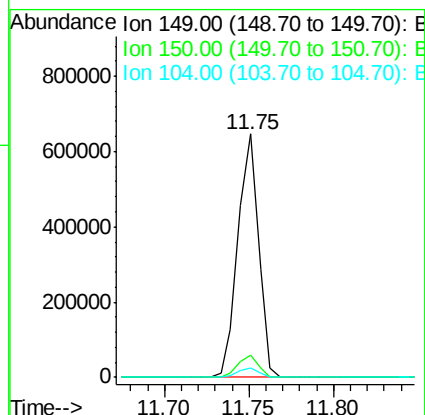
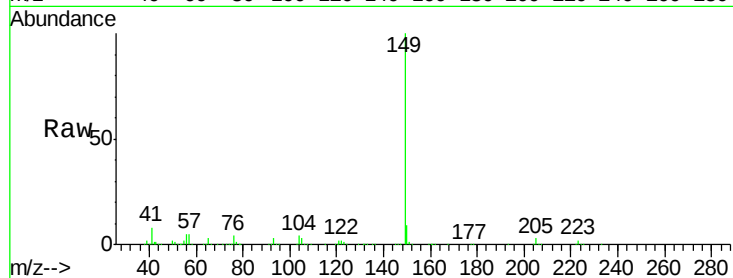




#73
Di-n-butylphthalate
Concen: 27.72 ng
RT: 11.75 min Scan# 1643
Delta R.T. -0.03 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

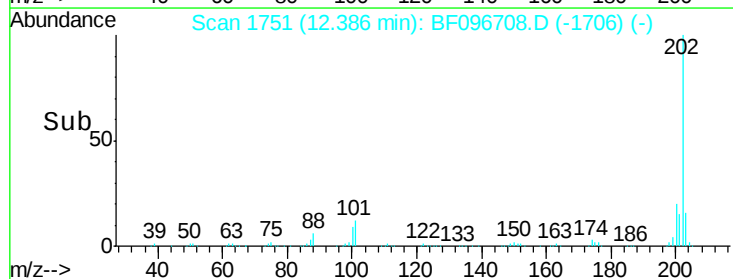
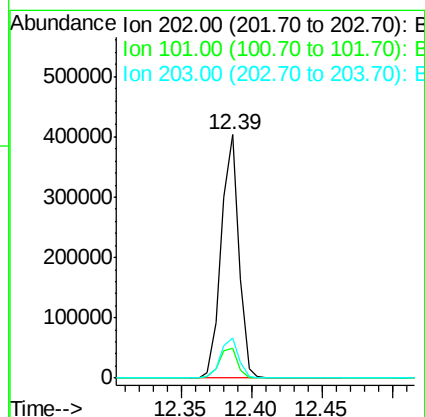
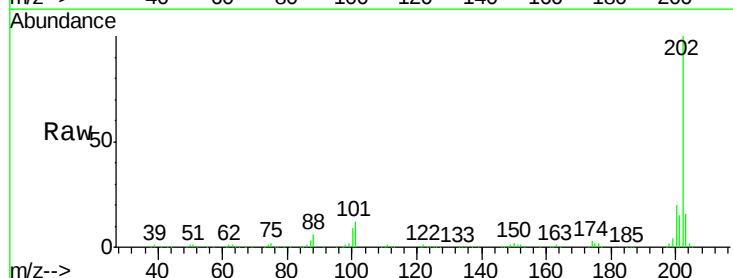
Instrument :
BNA_F
ClientSampleId :

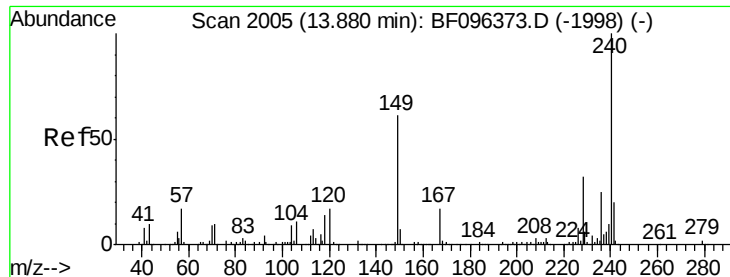
Tot Ion:149 Resp: 549639
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.0 4.0 6.0#



#74
Fluoranthene
Concen: 22.39 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion:202 Resp: 350726
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.2
203 16.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

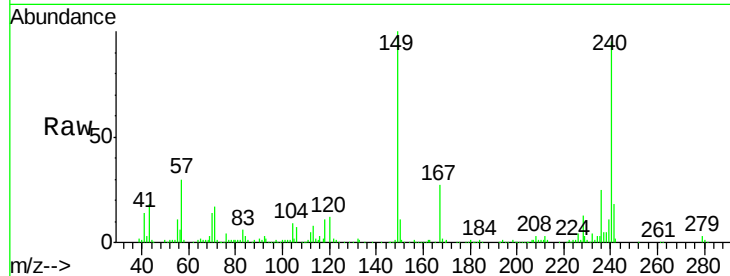
Tot Ion:240 Resp: 181131

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

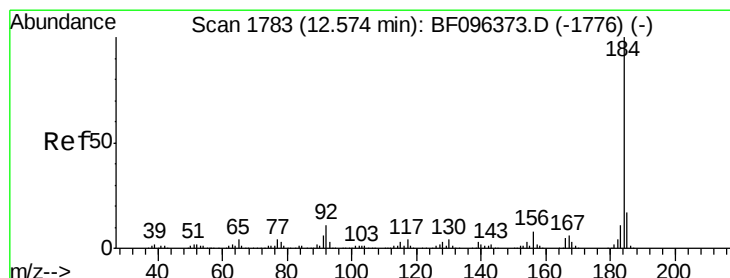
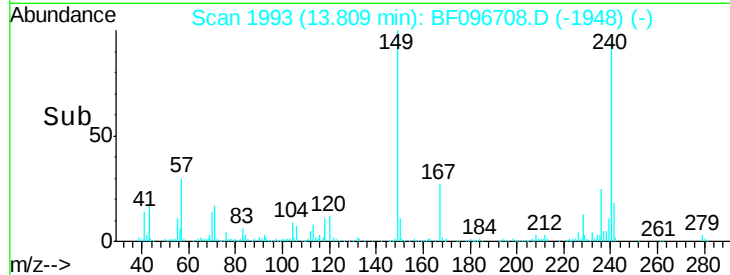
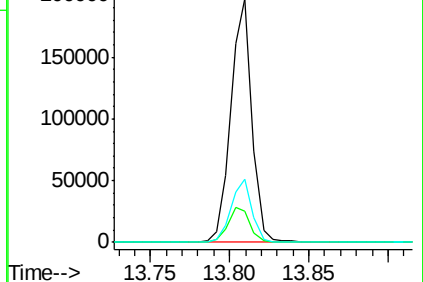
236 26.0 20.5 30.7



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: 16.19 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

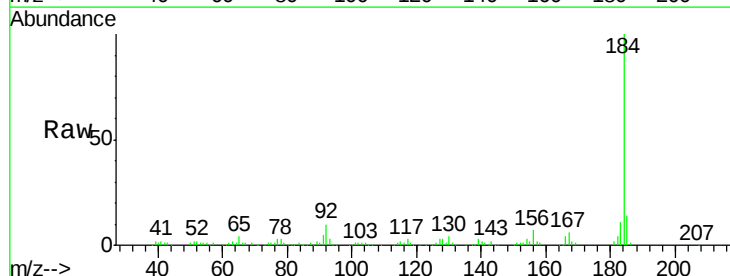
Tgt Ion:184 Resp: 140684

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

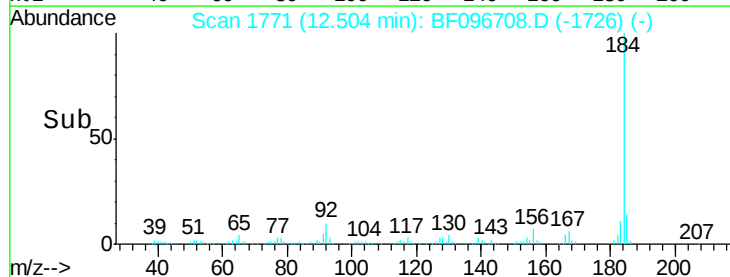
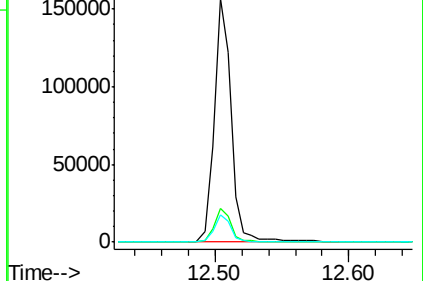
183 11.2 9.8 14.6

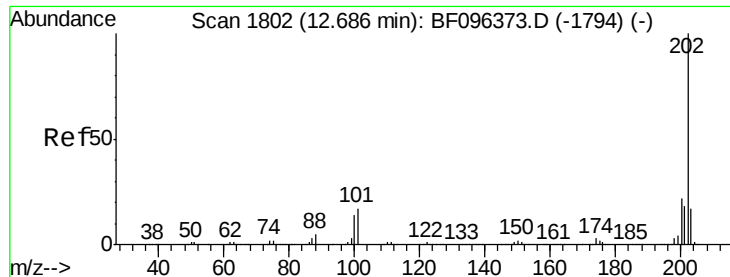


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

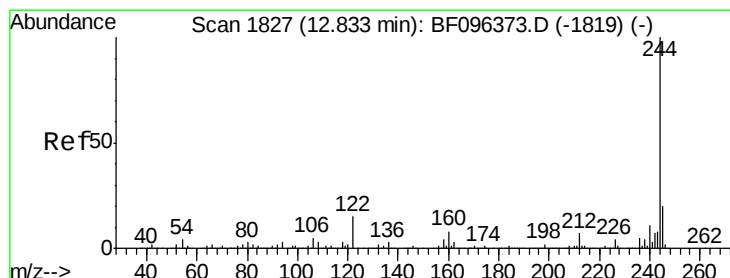
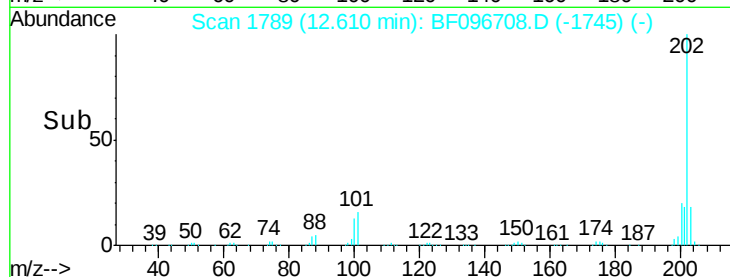
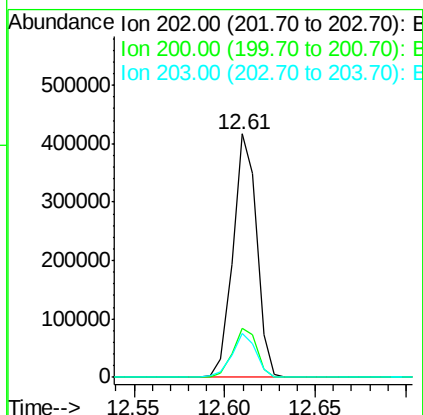
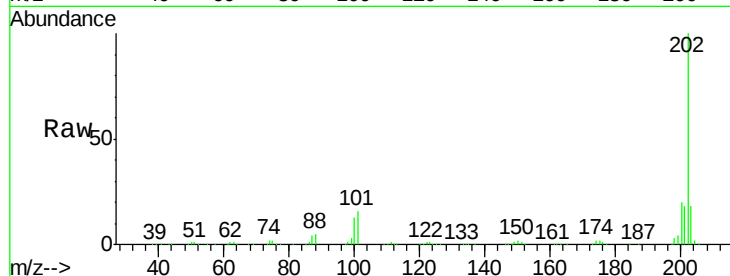




#77
Pvrene
Concen: 26.23 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

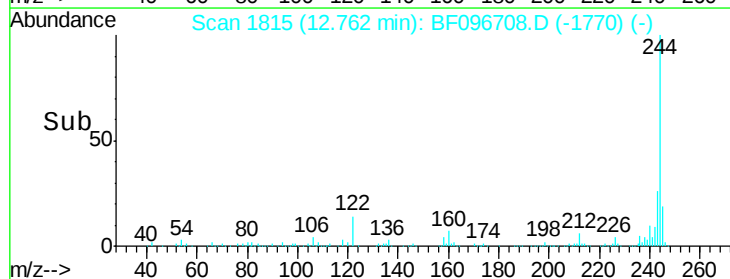
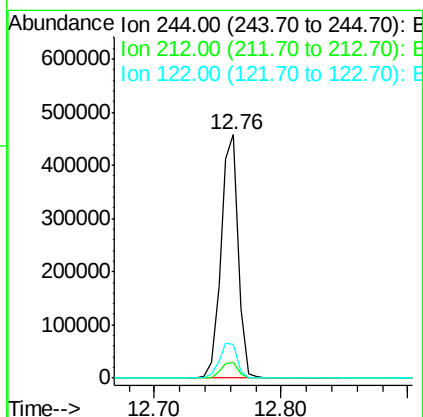
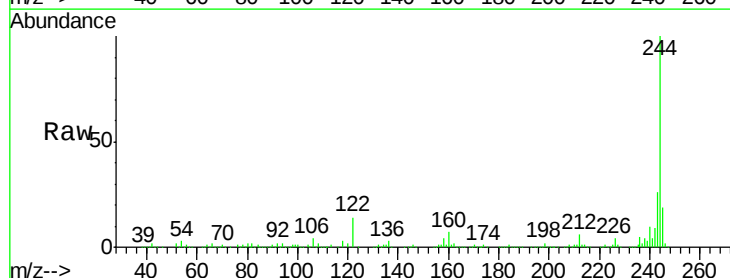
Instrument :
BNA_F
ClientSampleId :

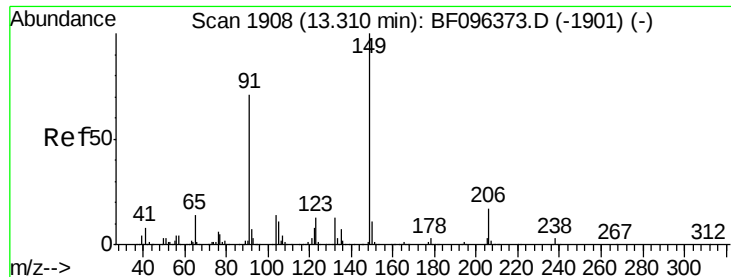
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	18.0	14.4	21.6



#78
Terphenyl-d14
Concen: 50.89 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	13.7	10.3	15.5

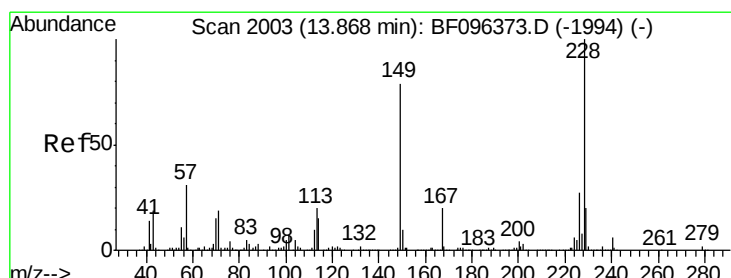
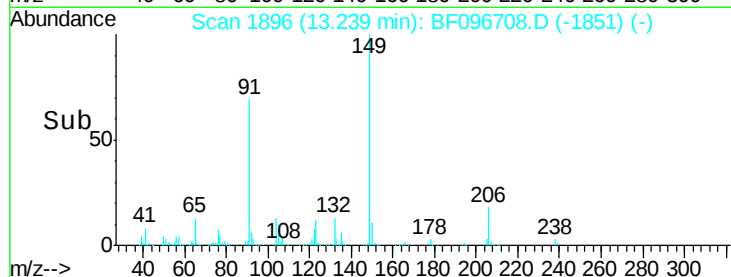
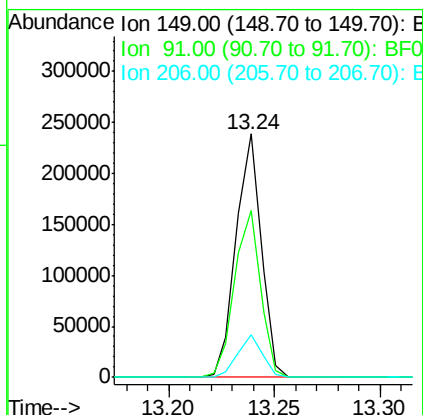
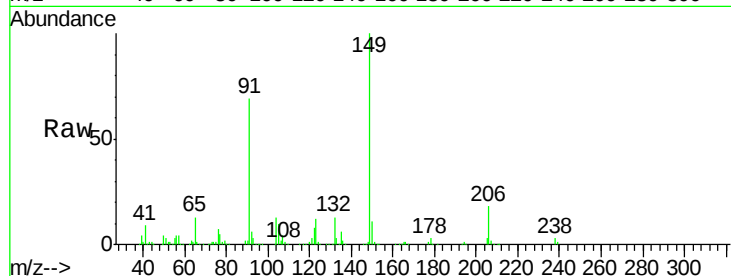




#79
Butylbenzylphthalate
Concen: 26.80 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

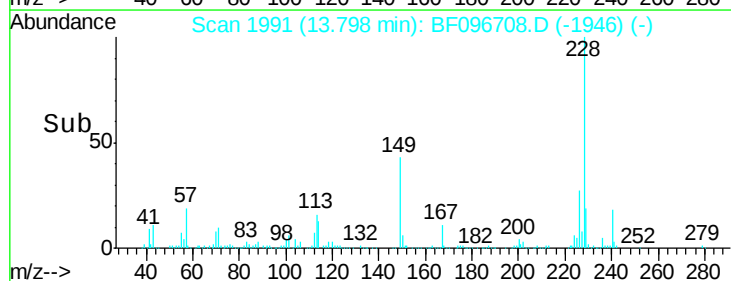
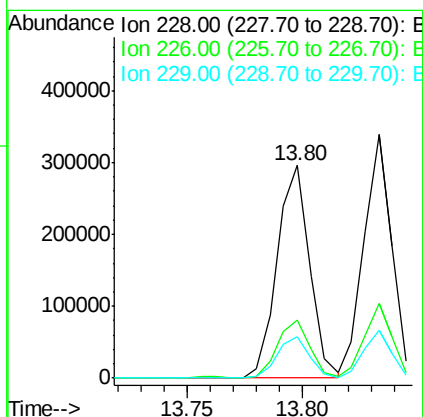
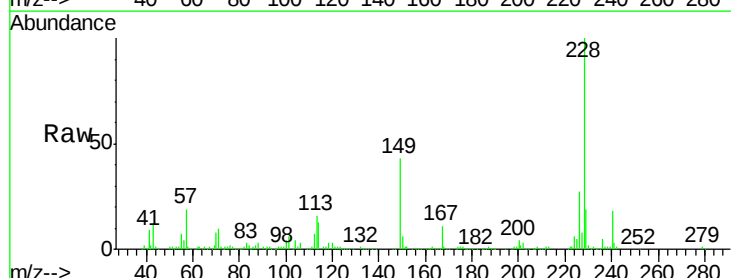
Instrument :
BNA_F
ClientSampleId :

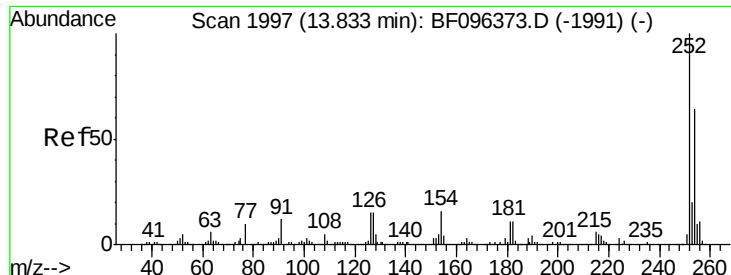
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	45.0	67.4#
206	17.8	17.0	25.6



#80
Benzo(a)anthracene
Concen: 27.32 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.04 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.2	16.3	24.5

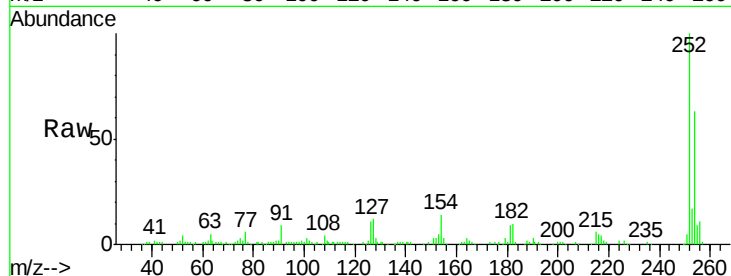




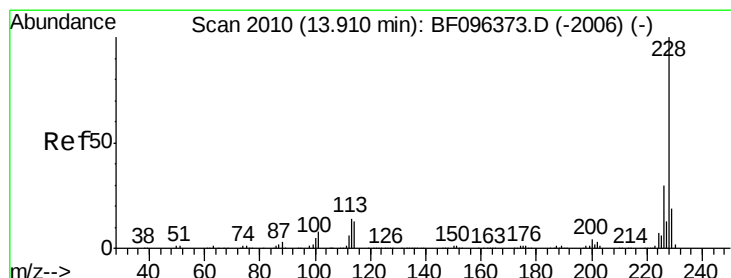
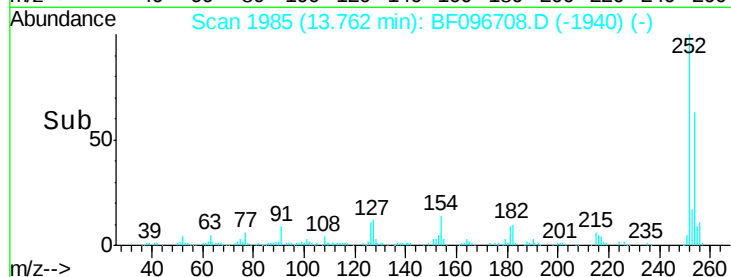
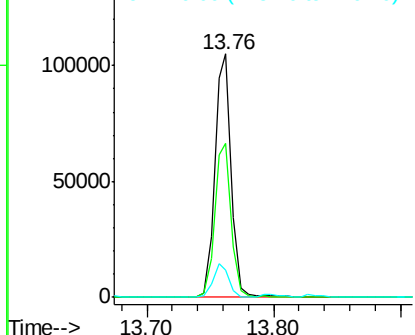
#81
 3,3'-Dichlorobenzidine
 Concen: 22.34 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 96240
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.5 77.3
 126 11.4 15.8 23.8#

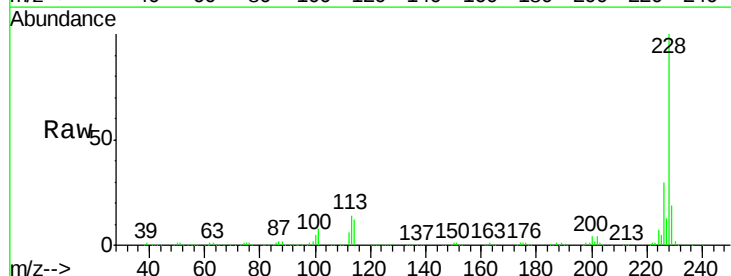


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

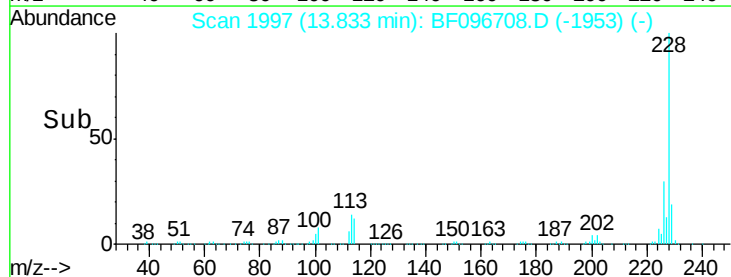
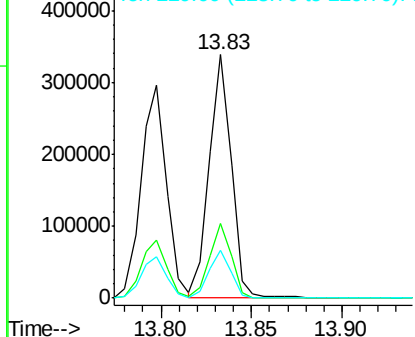


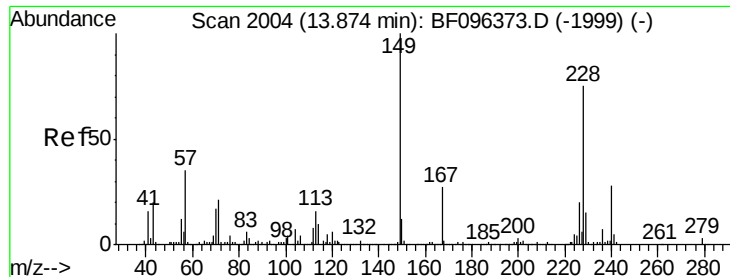
#82
 Chrysene
 Concen: 26.07 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.04 min
 Lab File: BF096708.D
 Acq: 12 Jul 2017 22:55

Tgt Ion:228 Resp: 286358
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.5 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: 29.50 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

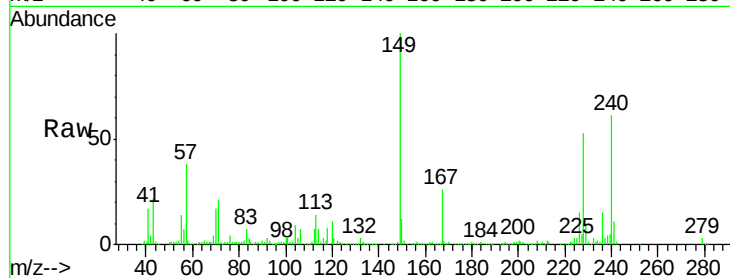
Tot Ion:149 Resp: 242350

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

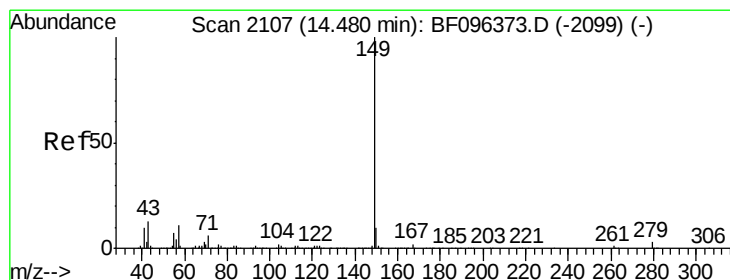
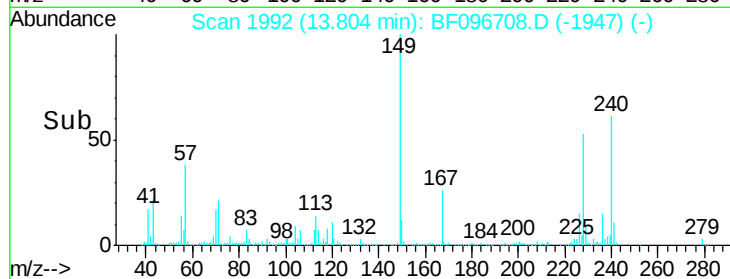
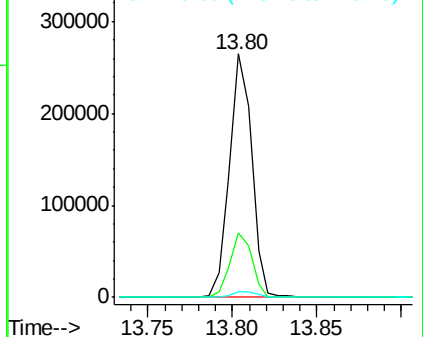
279 2.5 1.9 2.9



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: 29.44 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

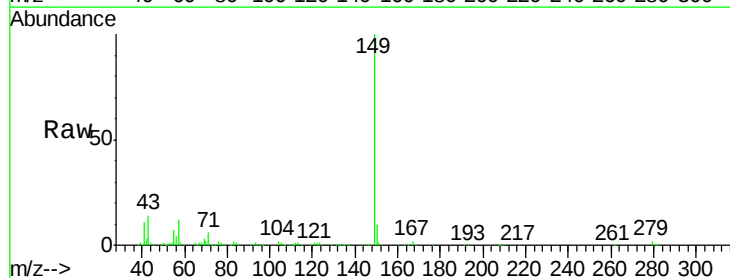
Tgt Ion:149 Resp: 476256

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

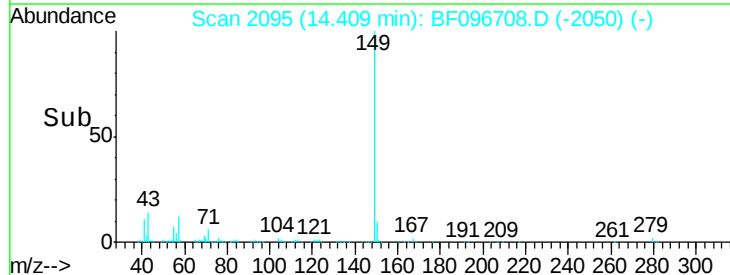
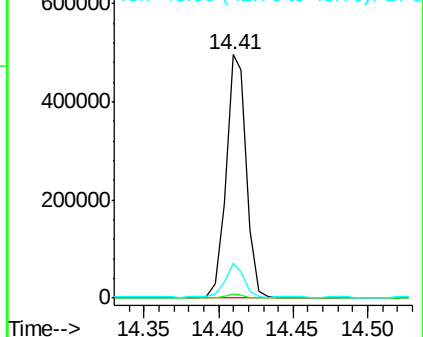
43 12.8 8.5 12.7#

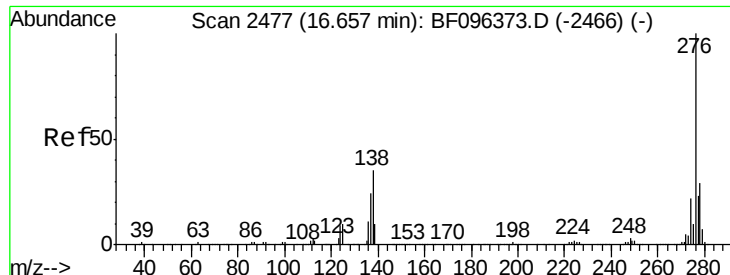


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

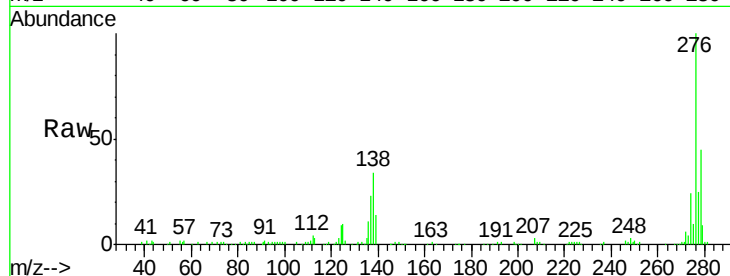




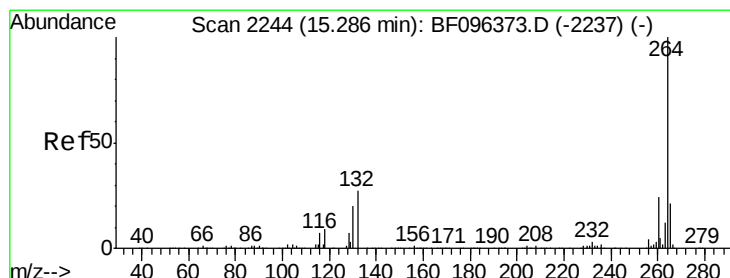
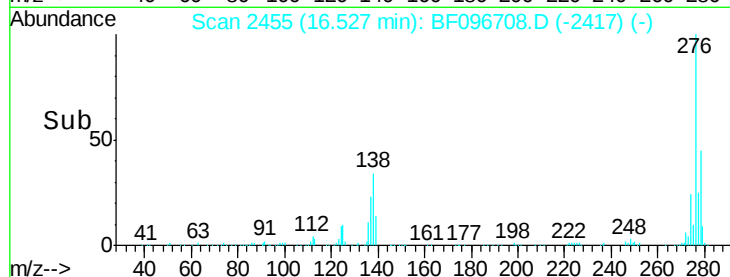
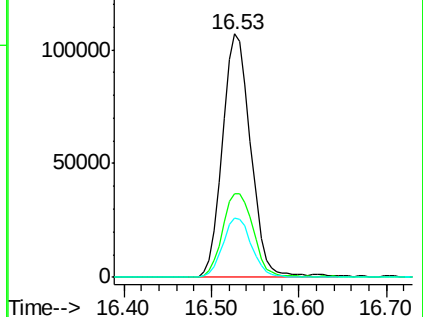
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.47 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.08 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 238204
Ion Ratio Lower Upper
276 100
138 37.5 27.8 41.6
277 24.8 20.2 30.4

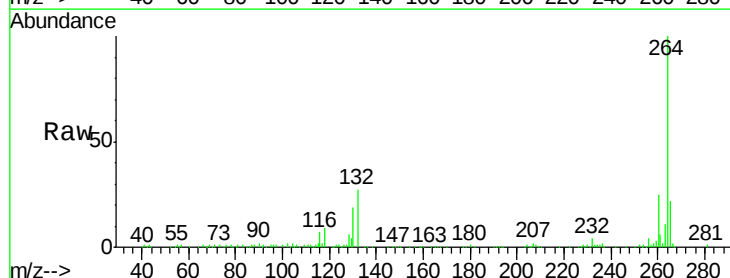


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

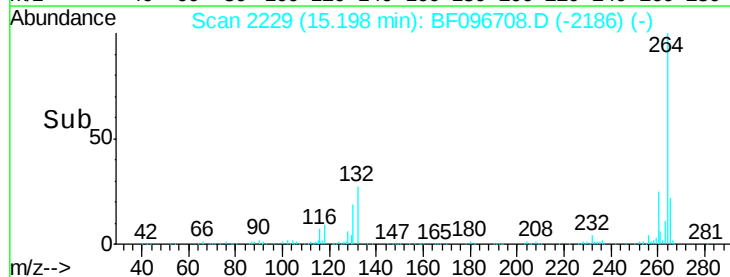
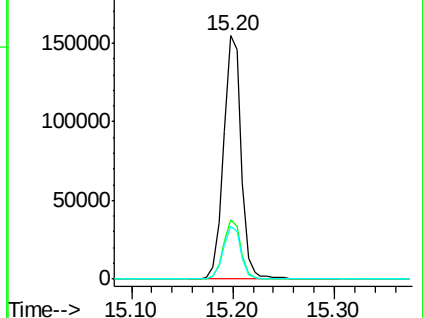


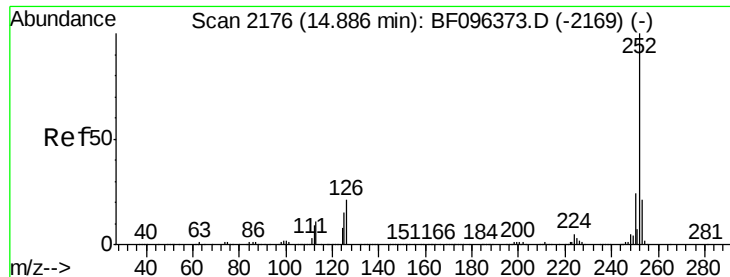
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.05 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion:264 Resp: 186706
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 25.19 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

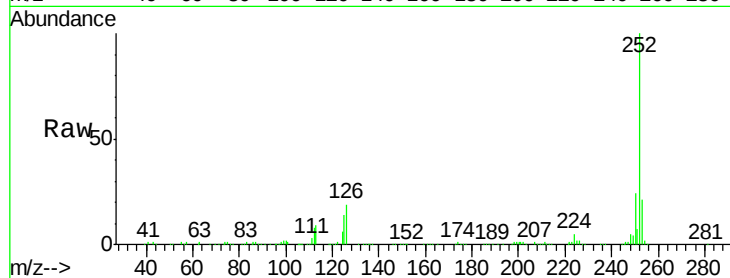
Tot Ion:252 Resp: 294683

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

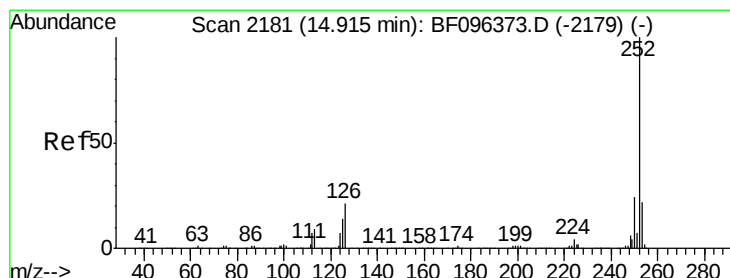
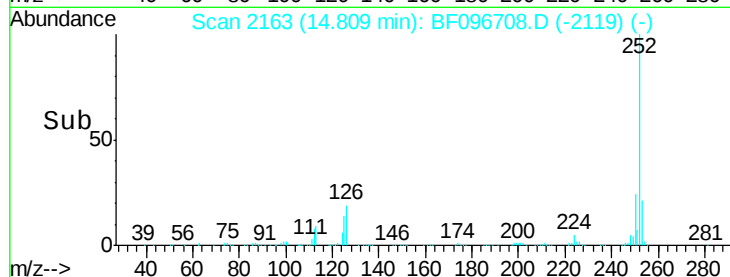
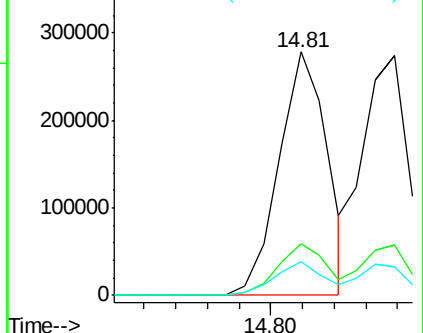
125 13.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 28.16 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.07 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

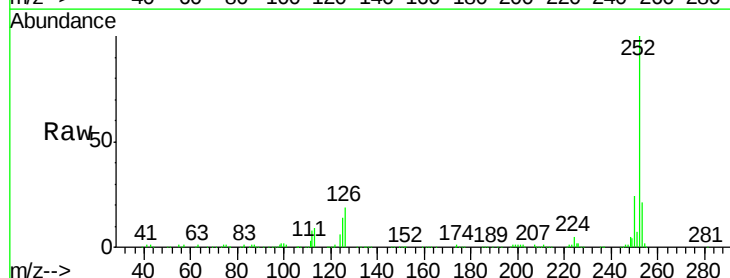
Tgt Ion:252 Resp: 294683

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

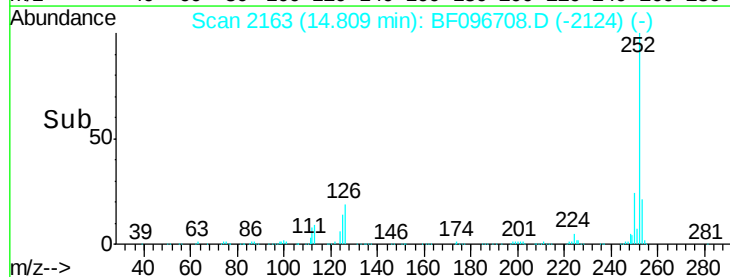
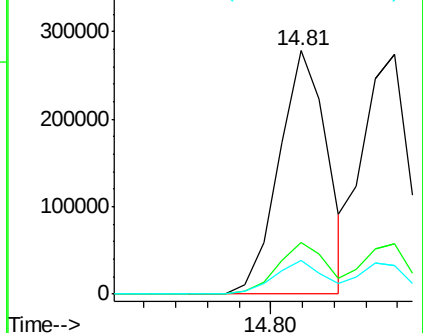
125 13.8 13.1 19.7

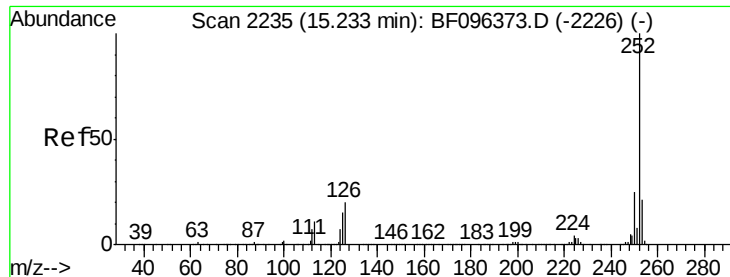


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

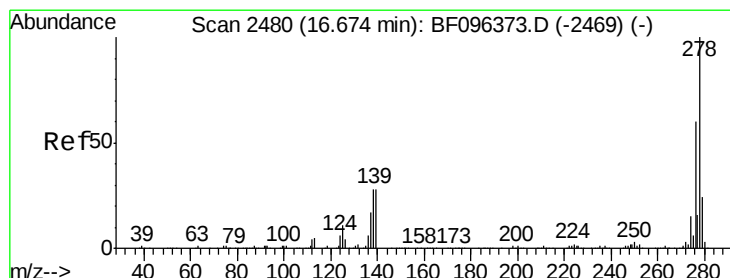
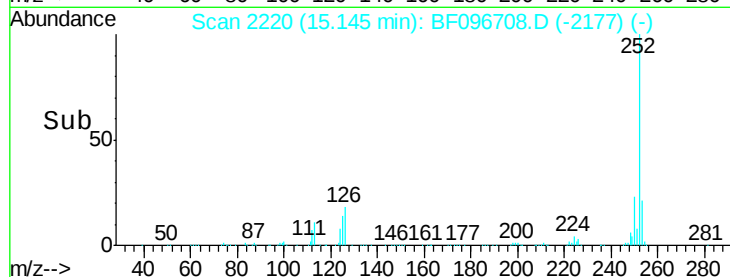
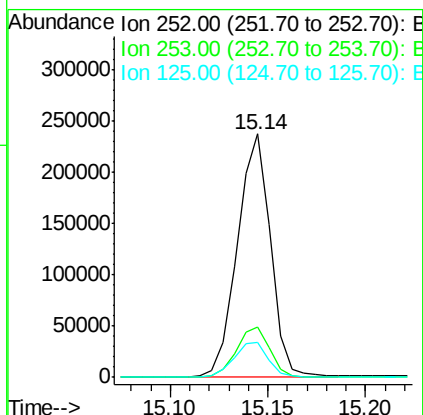
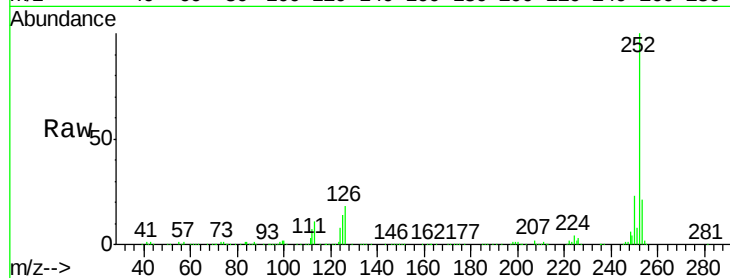




#89
Benzo(a)pyrene
Concen: 26.64 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.05 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

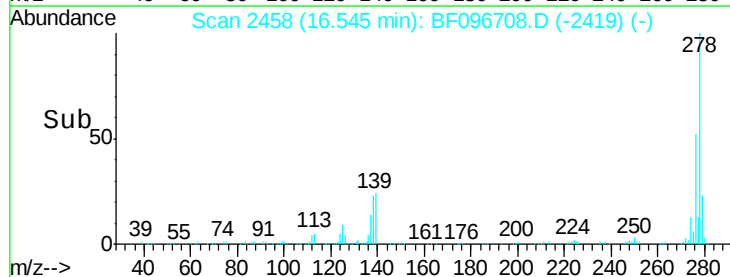
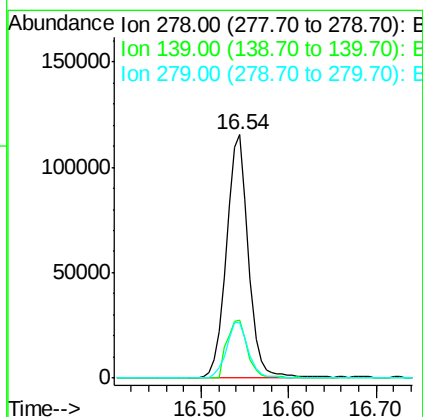
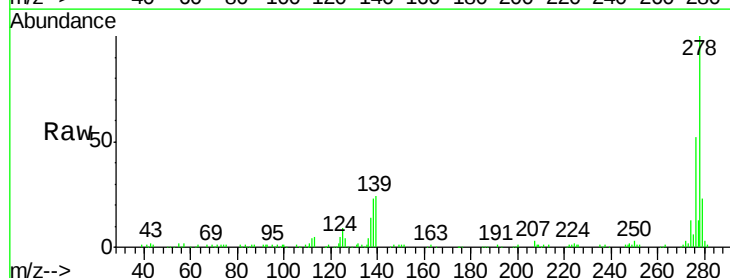
Instrument :
BNA_F
ClientSampleId :

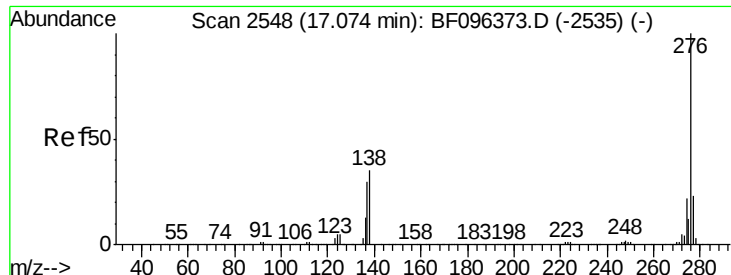
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	14.4	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 24.39 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.07 min
Lab File: BF096708.D
Acq: 12 Jul 2017 22:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	16.6	24.8
279	22.8	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 21.75 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.08 min

Lab File: BF096708.D

Acq: 12 Jul 2017 22:55

Instrument :

BNA_F

ClientSampleId :

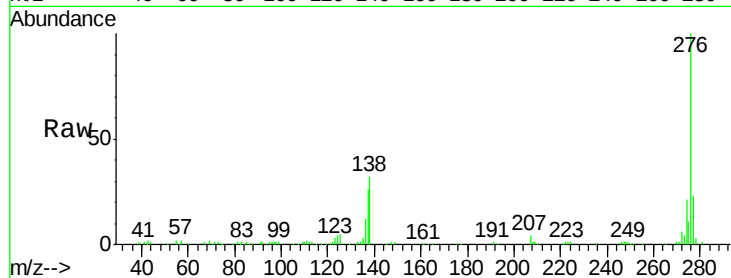
Tot Ion: 276 Resp: 185167

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 32.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

