

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096591.D
 Acq On : 10 Jul 2017 10:45
 Operator : SJ/JU
 Sample : PB100484BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:05:10 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	6.69	152	107654	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	453028	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	207541	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	360204	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	257259	20.00	ng	-0.02
86) Perylene-d12	15.22	264	237797	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	767656	105.25	ng	0.00
7) Phenol-d6	6.33	99	922074	102.83	ng	-0.01
23) Nitrobenzene-d5	7.25	82	551768	73.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	207493	127.99	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1036591	85.40	ng	-0.02
78) Terphenyl-d14	12.78	244	879044	73.01	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	103909	30.04	ng	# 76
3) Pyridine	3.09	79	278838	29.38	ng	# 57
4) n-Nitrosodimethylamine	3.02	42	164225	35.06	ng	# 81
6) Aniline	6.35	93	197369	17.03	ng	# 1
8) 2-Chlorophenol	6.47	128	279812	35.97	ng	99
9) Benzaldehyde	6.23	77	188812	33.65	ng	98
10) Phenol	6.35	94	337232	33.01	ng	91
11) bis(2-Chloroethyl)ether	6.42	93	266112	33.71	ng	90
12) 1,3-Dichlorobenzene	6.63	146	300499	36.85	ng	97
13) 1,4-Dichlorobenzene	6.70	146	305193	37.44	ng	97
14) 1,2-Dichlorobenzene	6.86	146	281048	37.55	ng	97
15) Benzyl Alcohol	6.83	79	227661	37.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	577359	35.97	ng	92
17) 2-Methylphenol	6.95	107	231105	37.28	ng	97
18) Hexachloroethane	7.20	117	110639	37.44	ng	# 81
19) n-Nitroso-di-n-propylamine	7.10	70	185442	34.71	ng	# 82
20) 3+4-Methylphenols	7.10	107	279643	40.45	ng	# 77
22) Acetophenone	7.09	105	374375	37.82	ng	# 100
24) Nitrobenzene	7.27	77	280175	35.42	ng	89
25) Isophorone	7.51	82	511236	34.97	ng	95
26) 2-Nitrophenol	7.59	139	161075	38.48	ng	90
27) 2,4-Dimethylphenol	7.63	122	263749	37.00	ng	94
28) bis(2-Chloroethoxy)methane	7.72	93	348615	36.13	ng	100
29) 2,4-Dichlorophenol	7.83	162	243295	39.56	ng	96
30) 1,2,4-Trichlorobenzene	7.91	180	228781	39.44	ng	98
31) Naphthalene	7.99	128	825606	38.60	ng	100
32) Benzoic acid	7.76	122	184730	30.86	ng	95
33) 4-Chloroaniline	8.04	127	115071	12.95	ng	94
34) Hexachlorobutadiene	8.12	225	117444	39.47	ng	98
35) Caprolactam	8.41	113	52610	24.81	ng	# 65
36) 4-Chloro-3-methylphenol	8.53	107	254576	37.41	ng	86
37) 2-Methylnaphthalene	8.68	142	568771	41.78	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	192473	35.72	ng	99
40) Hexachlorocyclopentadiene	8.84	237	219612	83.81	ng	100

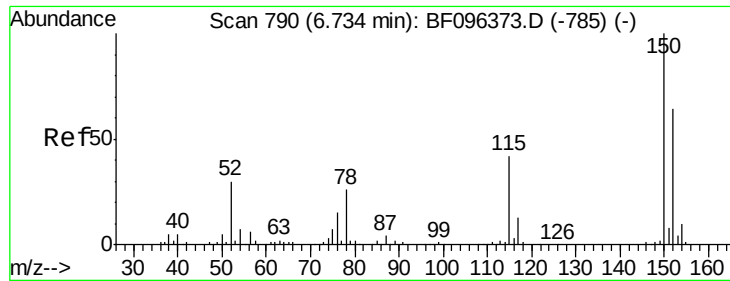
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096591.D
 Acq On : 10 Jul 2017 10:45
 Operator : SJ/JU
 Sample : PB100484BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:05:10 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)
42) 2,4,6-Trichlorophenol	8.96	196	158704	37.23	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	161577	38.33	nq	95
45) 1,1'-Biphenyl	9.15	154	631310	35.50	nq	98
46) 2-Chloronaphthalene	9.17	162	493815	37.26	nq	94
47) 2-Nitroaniline	9.26	65	176549	36.61	nq	91
48) Acenaphthylene	9.58	152	797948	38.00	nq	99
49) Dimethylphthalate	9.45	163	599004	38.66	nq	98
50) 2,6-Dinitrotoluene	9.50	165	132749	38.75	nq	# 85
51) Acenaphthene	9.75	154	462511	35.73	nq	99
52) 3-Nitroaniline	9.67	138	77733	18.19	nq	85
53) 2,4-Dinitrophenol	9.78	184	129738	71.30	nq	# 77
54) Dibenzofuran	9.93	168	695714	40.71	nq	98
55) 4-Nitrophenol	9.85	139	243310	68.70	nq	# 70
56) 2,4-Dinitrotoluene	9.91	165	178908	41.24	nq	# 80
57) Fluorene	10.27	166	510216	42.27	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	128998	44.23	nq	# 99
59) Diethylphthalate	10.15	149	588600	40.19	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	214811	40.91	nq	98
61) 4-Nitroaniline	10.28	138	144344	37.15	nq	91
62) Azobenzene	10.42	77	557064	39.34	nq	91
64) 4,6-Dinitro-2-methylphenol	10.32	198	90102	36.27	nq	90
65) n-Nitrosodiphenylamine	10.38	169	487084	38.54	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	140456	40.06	nq	98
67) Hexachlorobenzene	10.82	284	148277	38.63	nq	# 89
68) Atrazine	10.91	200	143299	39.69	nq	97
69) Pentachlorophenol	11.01	266	155107	68.18	nq	98
70) Phenanthrene	11.22	178	765914	39.33	nq	99
71) Anthracene	11.27	178	795401	40.09	nq	98
72) Carbazole	11.43	167	755697	37.87	nq	99
73) Di-n-butylphthalate	11.77	149	933503	38.62	nq	98
74) Fluoranthene	12.40	202	796573	41.73	nq	98
76) Benzidine	12.52	184	265998	21.55	nq	# 93
77) Pyrene	12.63	202	815227	39.48	nq	99
79) Butylbenzylphthalate	13.26	149	419858	40.17	nq	# 82
80) Benzo(a)anthracene	13.82	228	612005	41.08	nq	98
81) 3,3'-Dichlorobenzidine	13.78	252	162928	26.63	nq	# 95
82) Chrysene	13.85	228	619447	39.71	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	474110	40.63	nq	99
84) Di-n-octyl phthalate	14.43	149	921866	40.12	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.56	276	535444	43.48	nq	98
87) Benzo(b)fluoranthene	14.83	252	597850	40.12	nq	97
88) Benzo(k)fluoranthene	14.86	252	482092	36.17	nq	97
89) Benzo(a)pyrene	15.16	252	529147	39.78	nq	98
90) Dibenzo(a,h)anthracene	16.57	278	430729	41.16	nq	95
91) Benzo(g,h,i)perylene	16.97	276	468797	43.23	nq	100

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

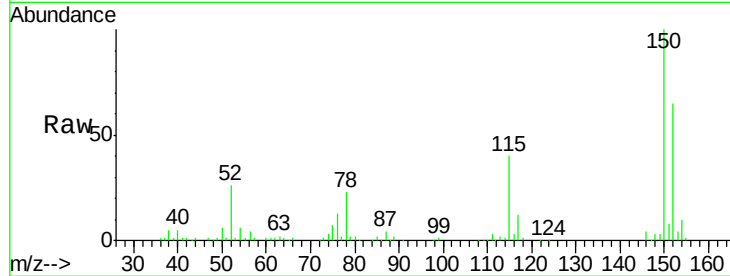


#1

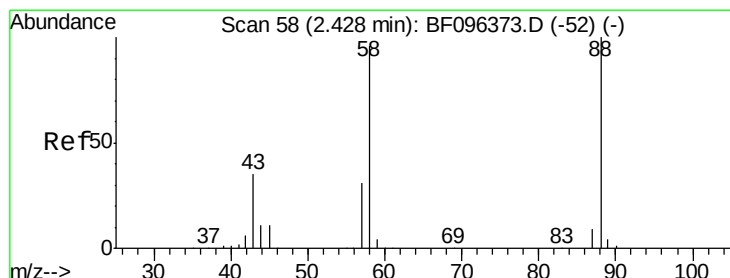
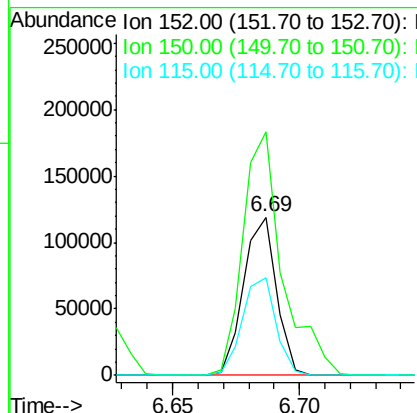
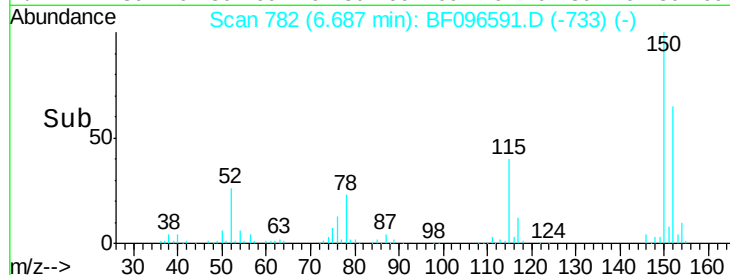
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107654
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 61.6 52.2 78.2



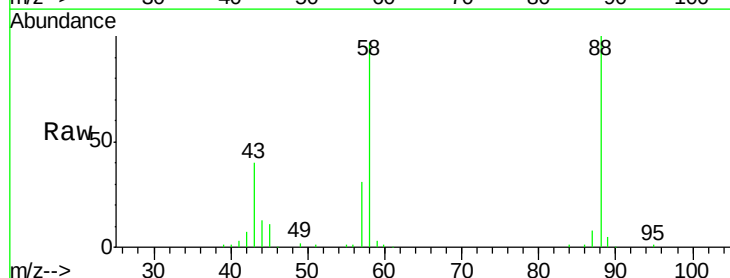
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



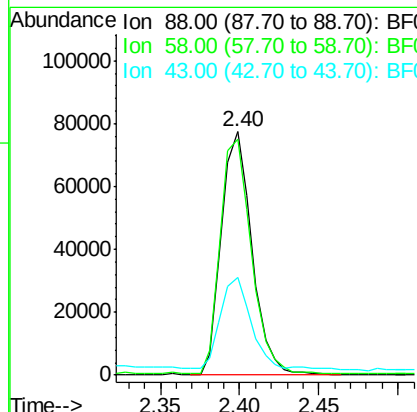
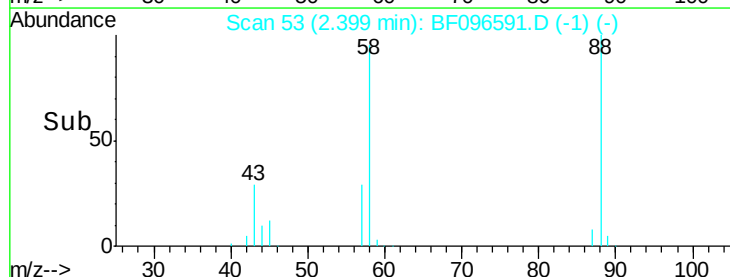
#2

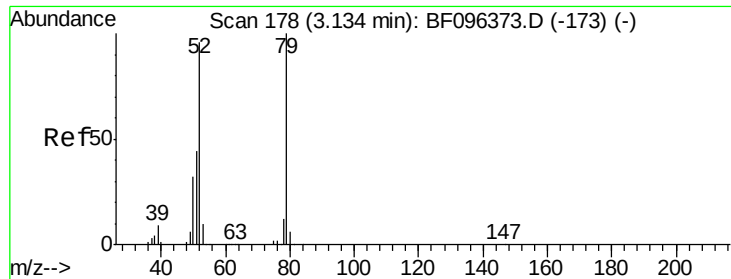
1,4-Dioxane
Concen: 30.04 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.04 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion: 88 Resp: 103909
Ion Ratio Lower Upper
88 100
58 98.5 61.4 92.0#
43 40.4 23.4 35.0#



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





#3

Pvridine

Concen: 29.38 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.04 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

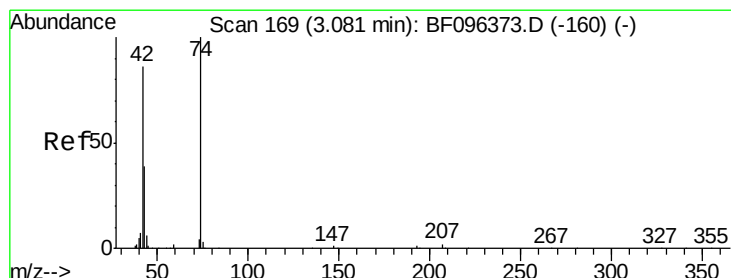
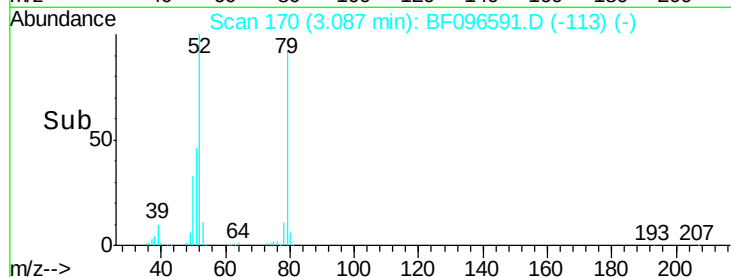
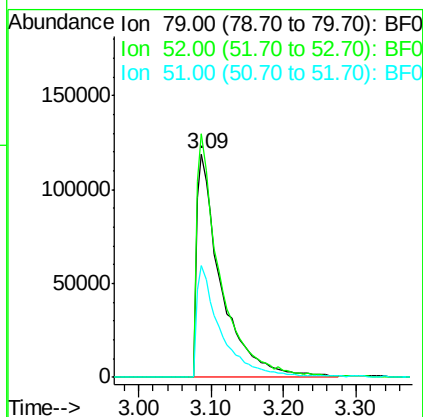
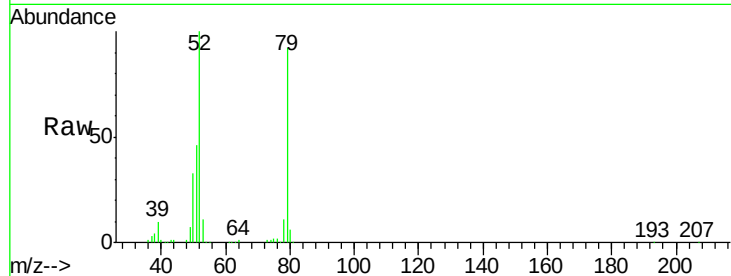
Tot Ion: 79 Resp: 278838

Ion Ratio Lower Upper

79 100

52 109.1 54.8 82.2#

51 50.3 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 35.06 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

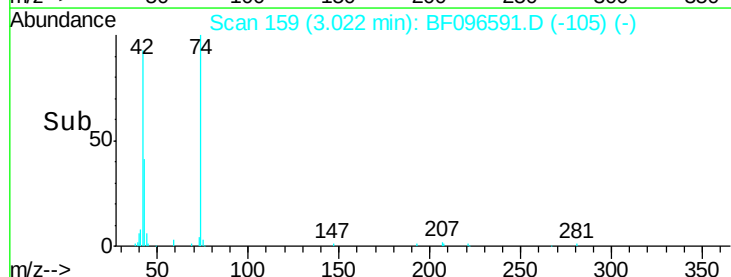
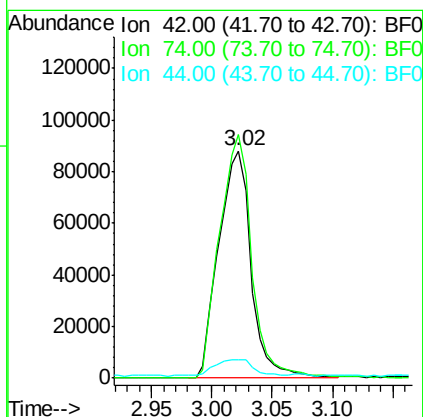
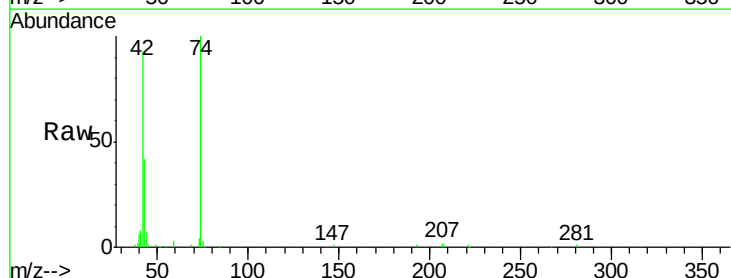
Tgt Ion: 42 Resp: 164225

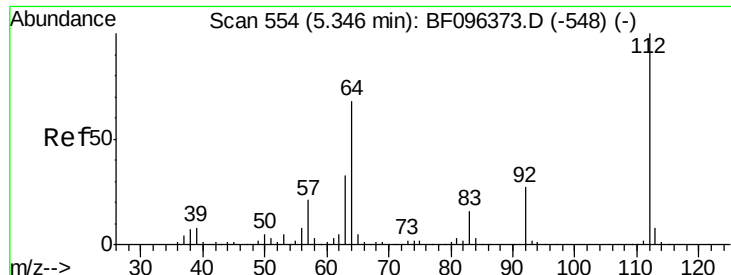
Ion Ratio Lower Upper

42 100

74 107.1 103.9 155.9

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 105.25 ng

RT: 5.31 min Scan# 548

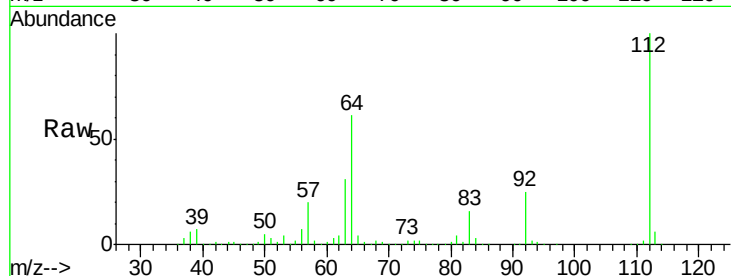
Delta R.T. -0.00 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :

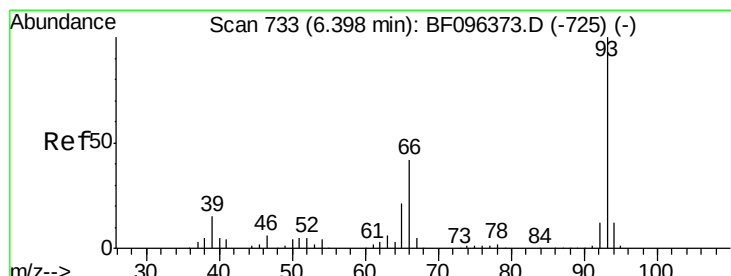
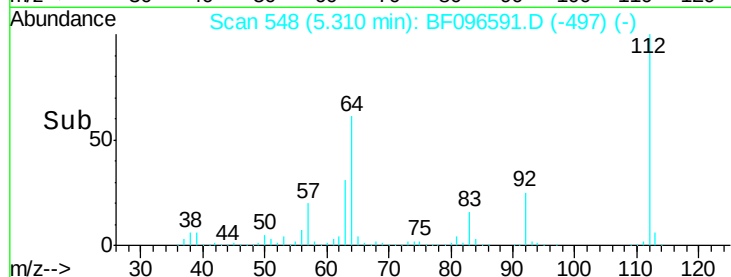
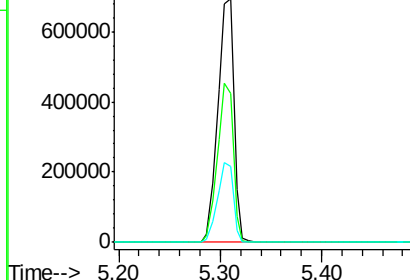
Tot Ion:	112	Resp:	767656
Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.0	69.0
63	31.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.03 ng

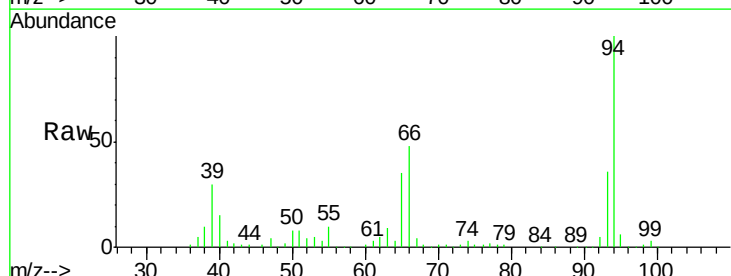
RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

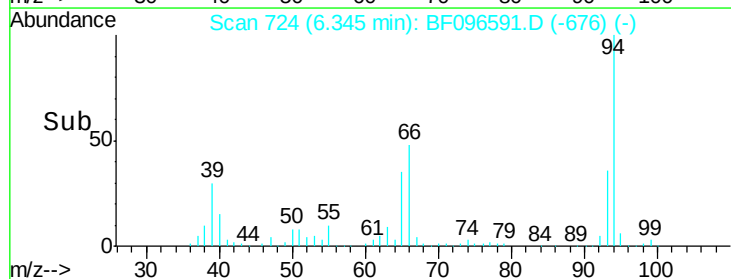
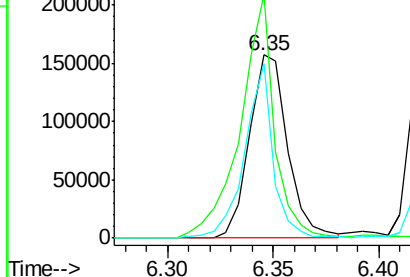
Tgt Ion:	93	Resp:	197369
Ion	Ratio	Lower	Upper
93	100		
66	133.1	32.9	49.3#
65	95.6	16.0	24.0#

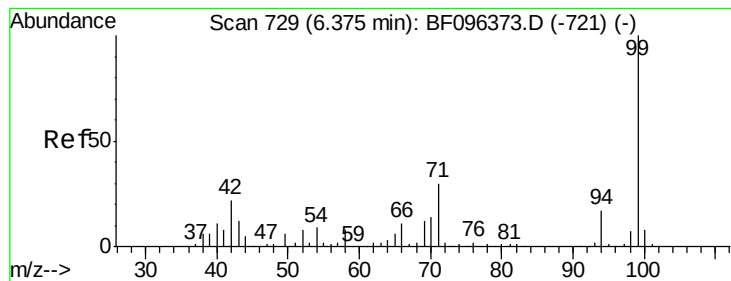


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.83 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

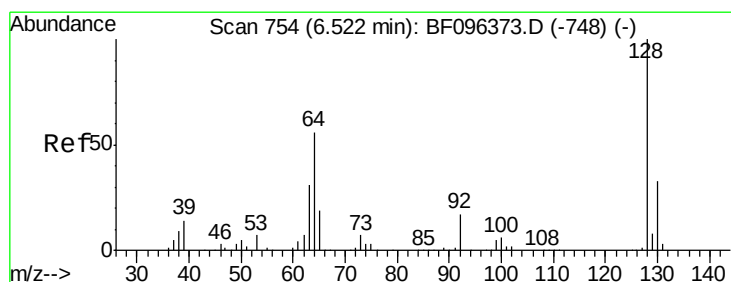
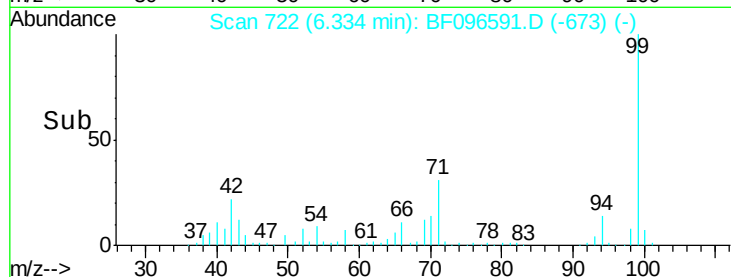
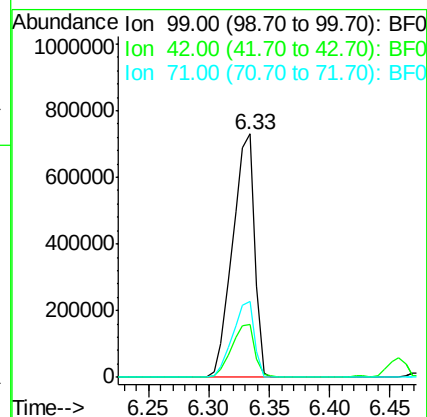
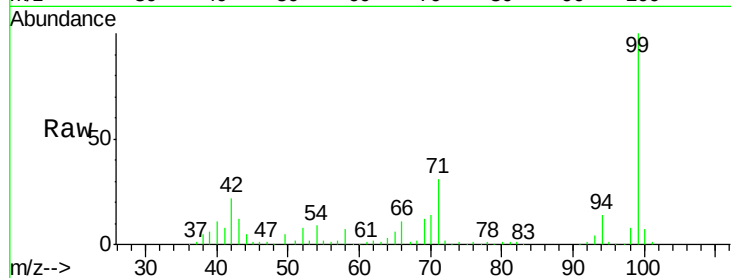
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 922074

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	31.3	24.5	36.7



#8

2-Chlorophenol

Concen: 35.97 ng

RT: 6.47 min Scan# 746

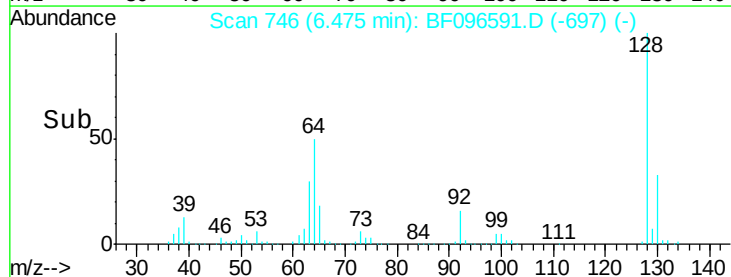
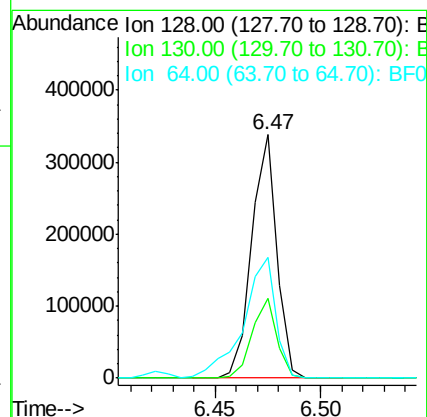
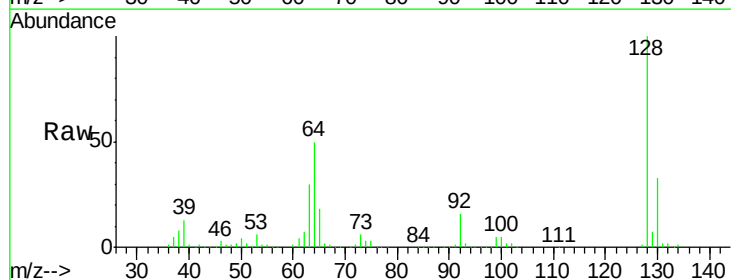
Delta R.T. -0.01 min

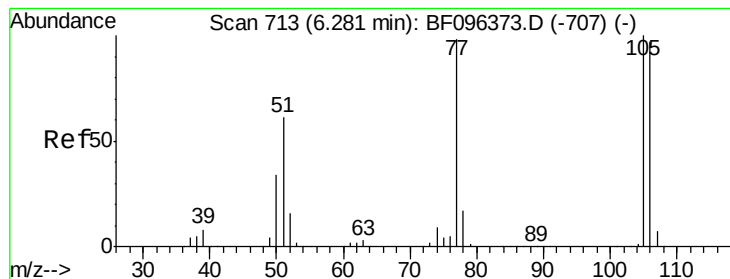
Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion: 128 Resp: 279812

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	49.6	28.4	68.4





#9

Benzaldehyde

Concen: 33.65 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampled :

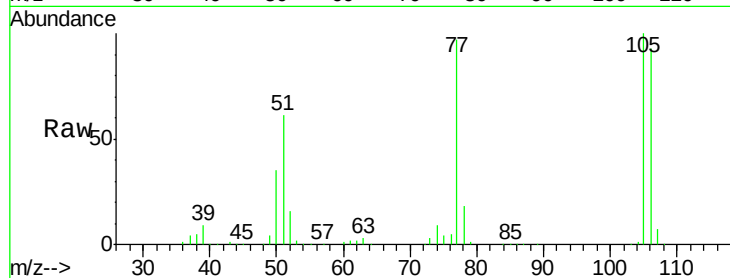
Tot Ion: 77 Resp: 188812

Ion Ratio Lower Upper

77 100

105 103.5 83.8 123.8

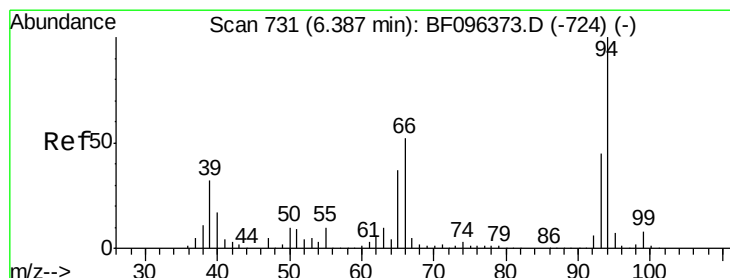
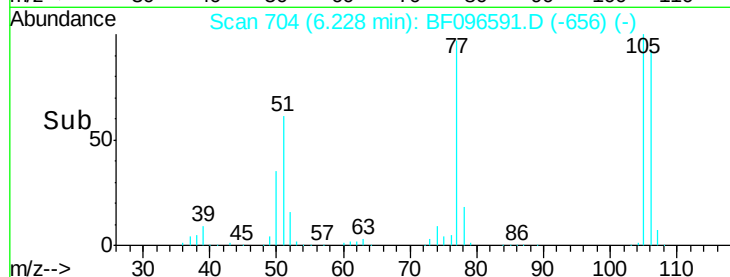
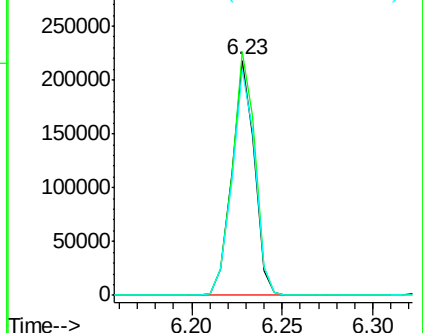
106 96.2 79.1 119.1



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: 33.01 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

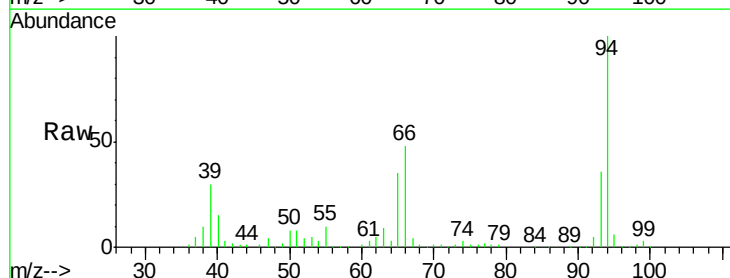
Tgt Ion: 94 Resp: 337232

Ion Ratio Lower Upper

94 100

65 34.7 9.9 49.9

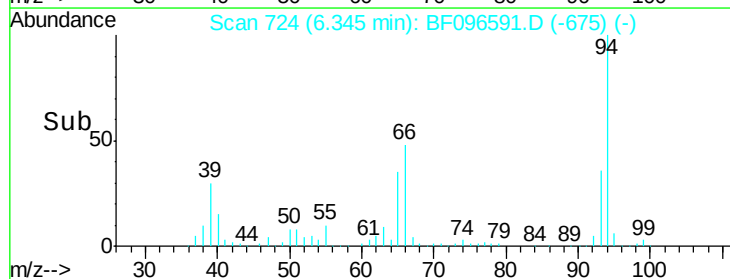
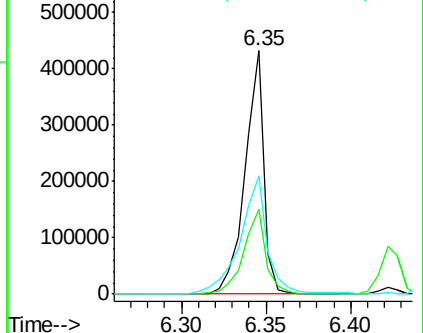
66 48.4 23.1 63.1

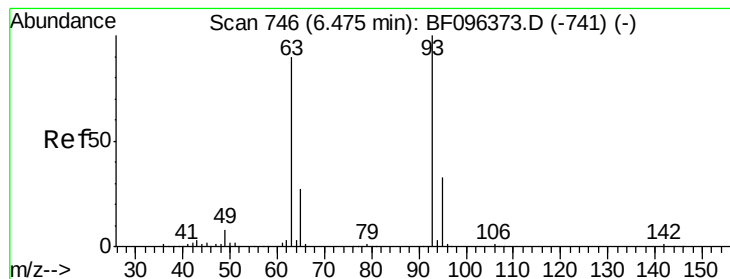


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.71 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

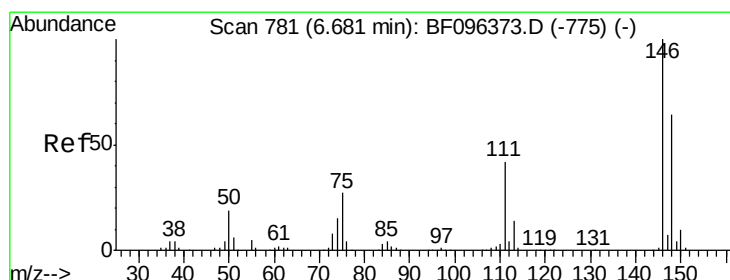
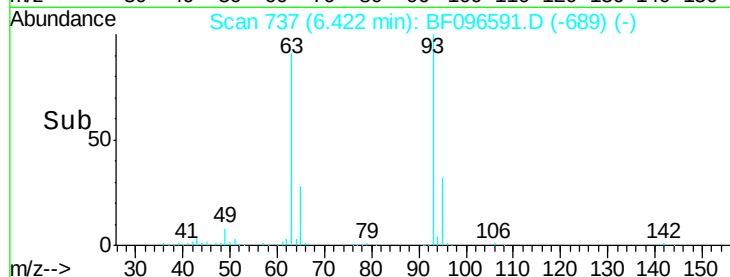
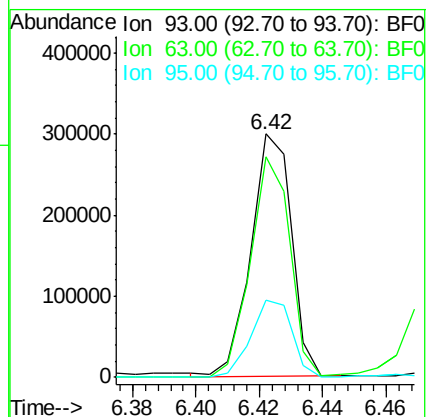
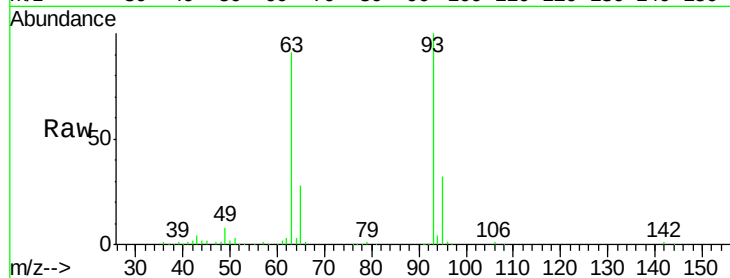
Tot Ion: 93 Resp: 266112

Ion Ratio Lower Upper

93 100

63 90.6 59.2 99.2

95 31.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.85 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

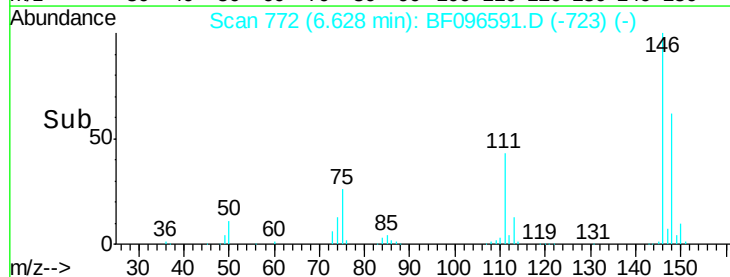
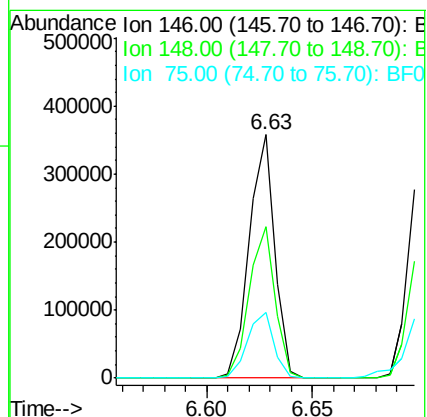
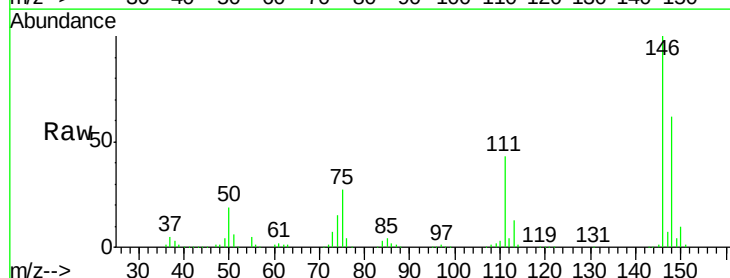
Tgt Ion: 146 Resp: 300499

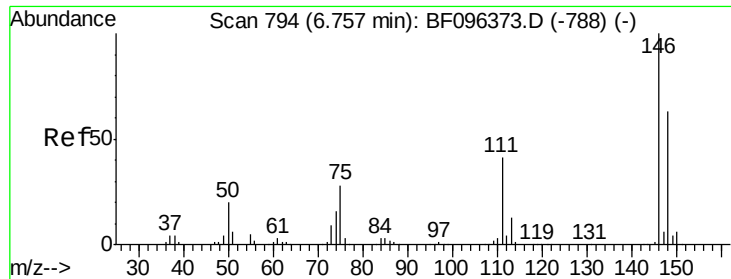
Ion Ratio Lower Upper

146 100

148 62.1 51.8 77.6

75 27.1 23.1 34.7

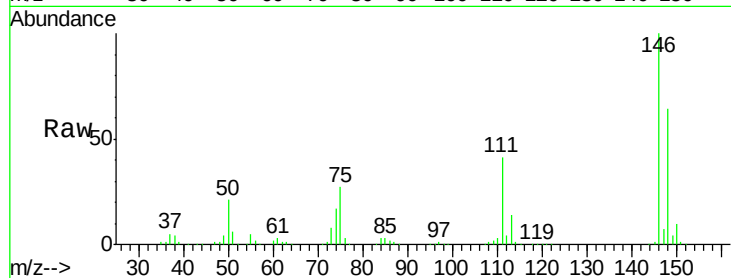




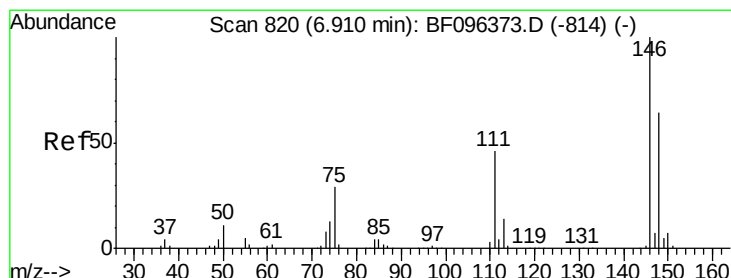
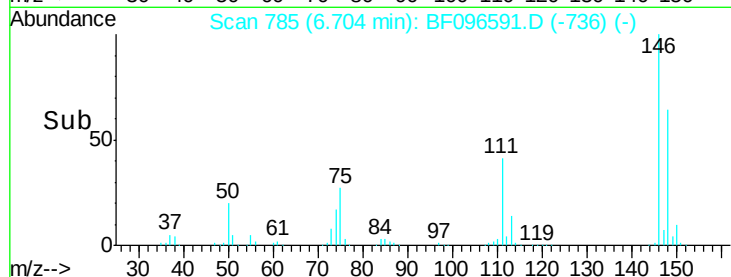
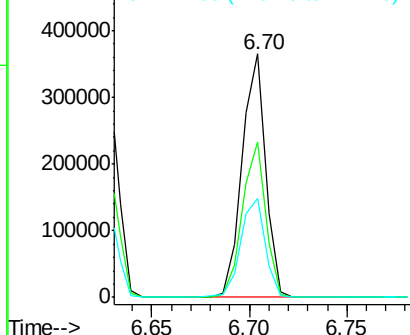
#13
 1,4-Dichlorobenzene
 Concen: 37.44 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 305193
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 40.8 30.3 45.5

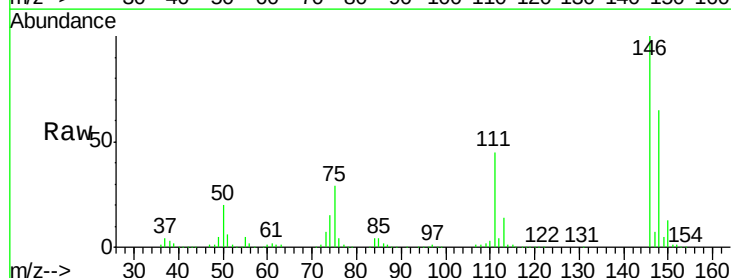


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

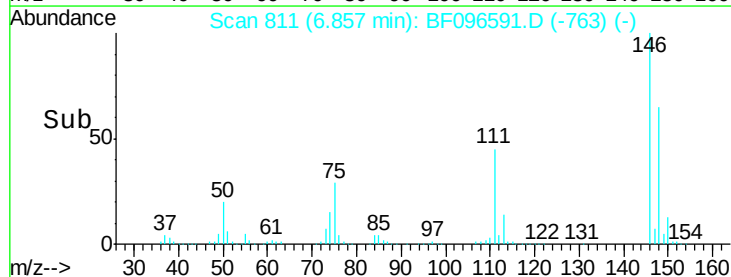
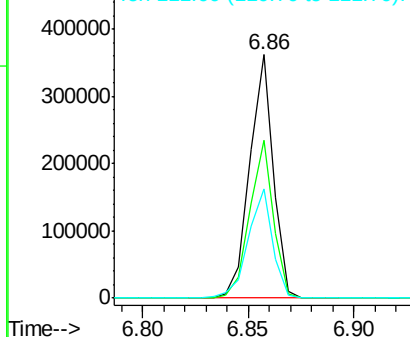


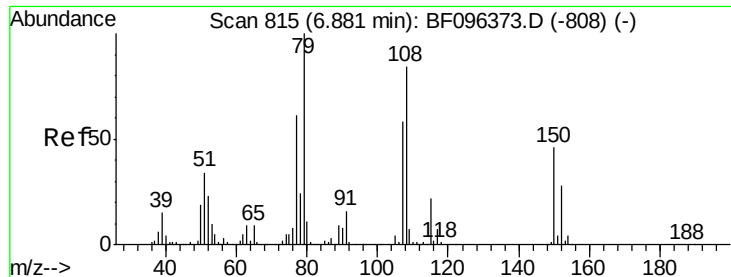
#14
 1,2-Dichlorobenzene
 Concen: 37.55 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion:146 Resp: 281048
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 44.6 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: 37.98 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

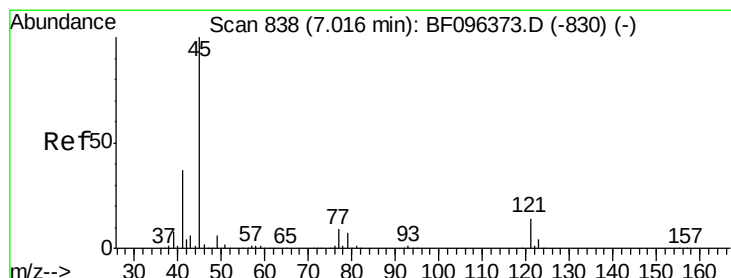
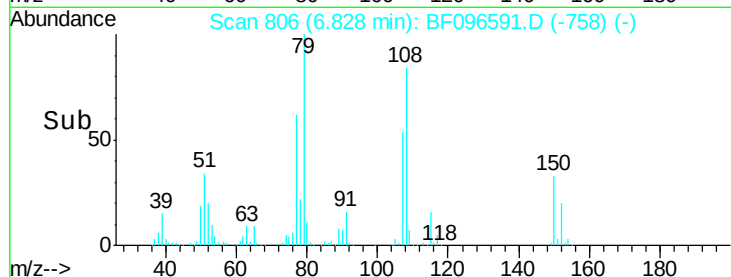
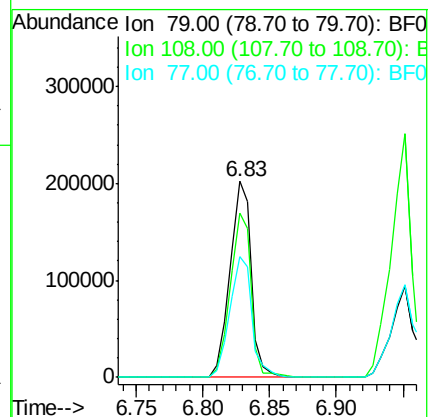
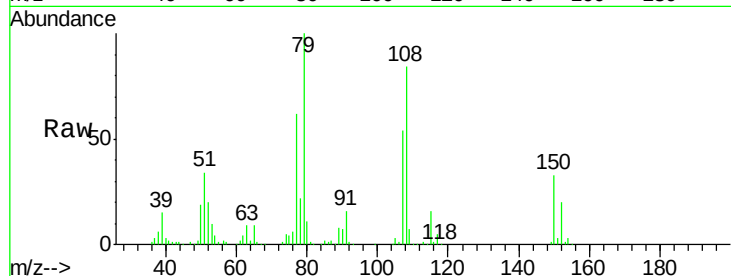
Tot Ion: 79 Resp: 227661

Ion Ratio Lower Upper

79 100

108 83.7 63.4 95.0

77 61.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.97 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

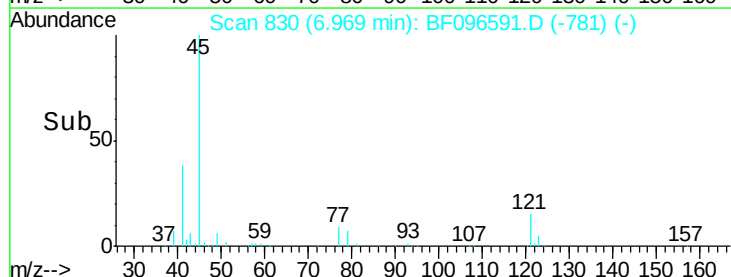
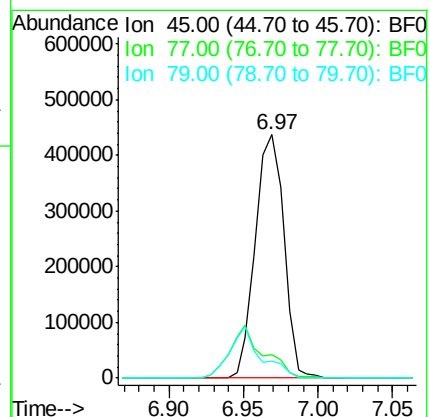
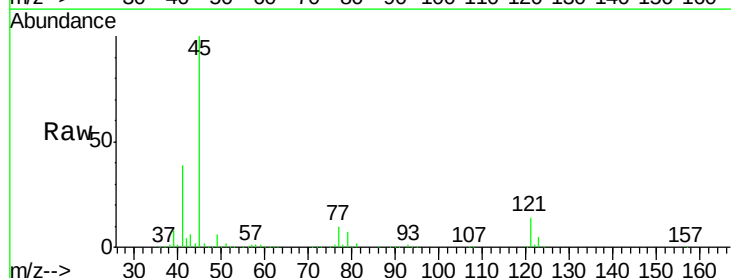
Tgt Ion: 45 Resp: 577359

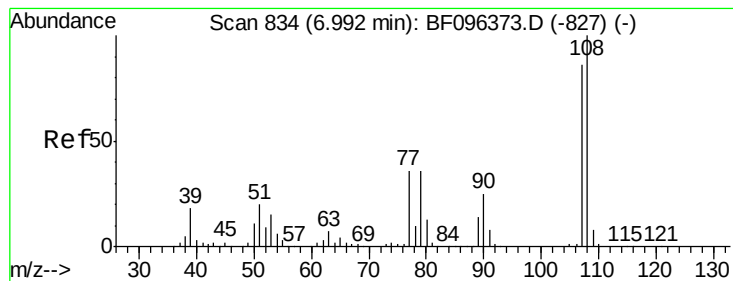
Ion Ratio Lower Upper

45 100

77 9.5 0.0 33.2

79 7.2 0.0 30.0

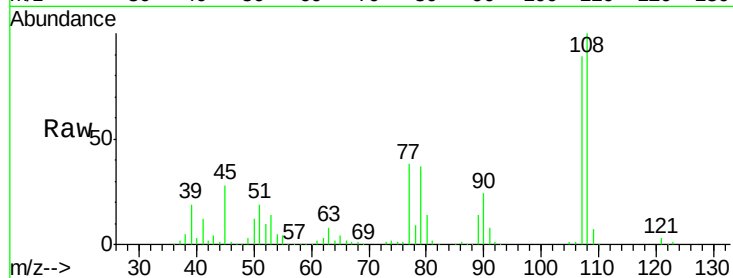




#17
2-Methylphenol
Concen: 37.28 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.4	140.0
77	43.0	35.8	53.6
79	42.1	34.8	52.2



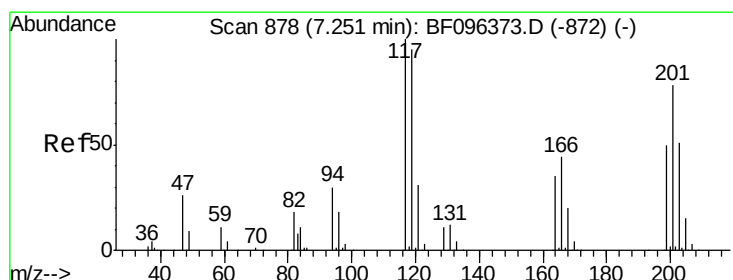
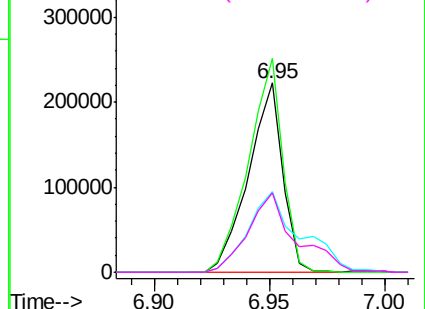
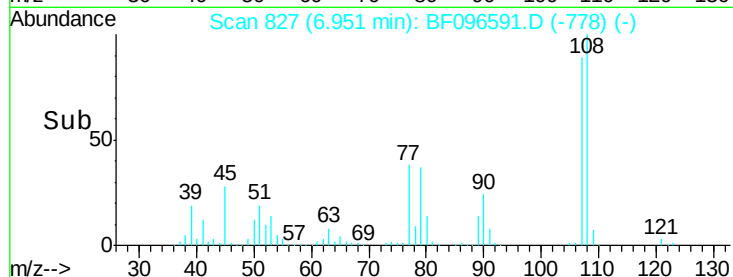
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

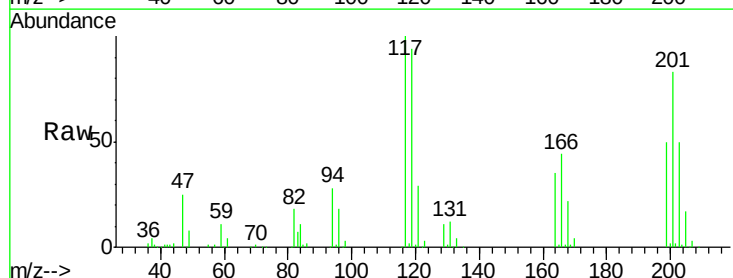
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 37.44 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.4	116.0
201	82.7	94.6	141.8#

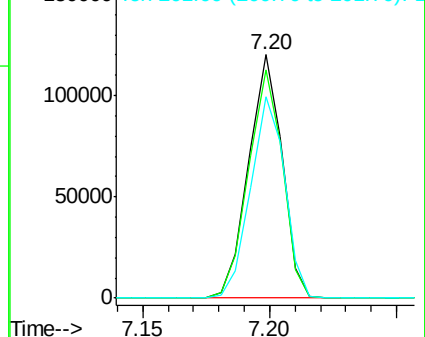
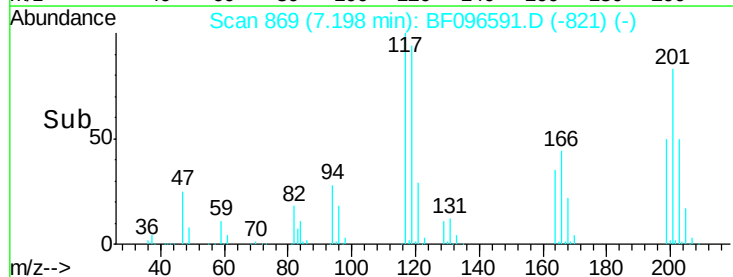


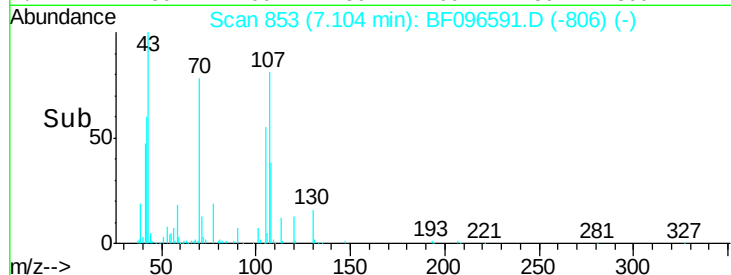
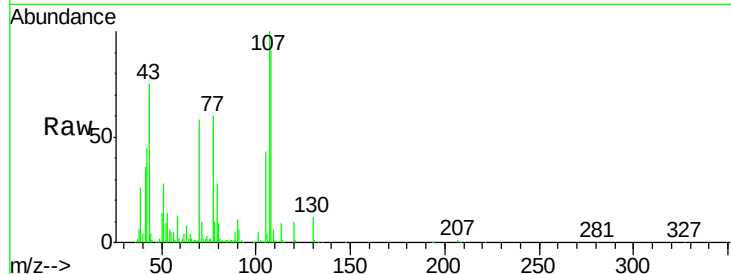
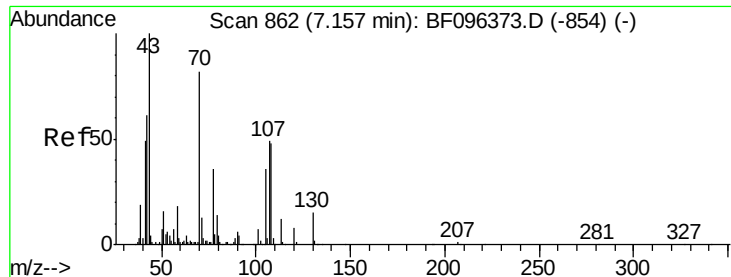
Abundance

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

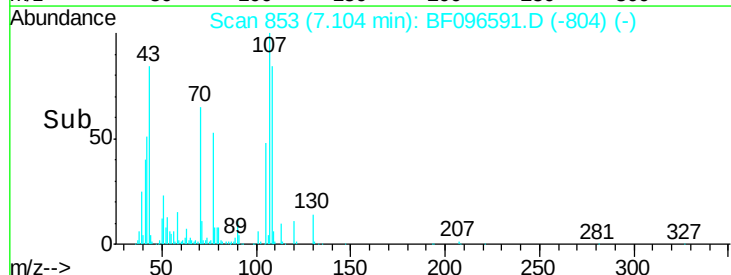
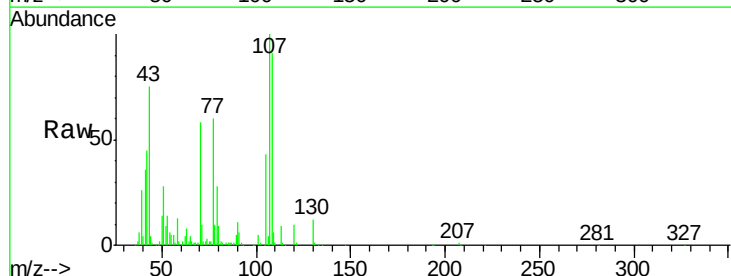
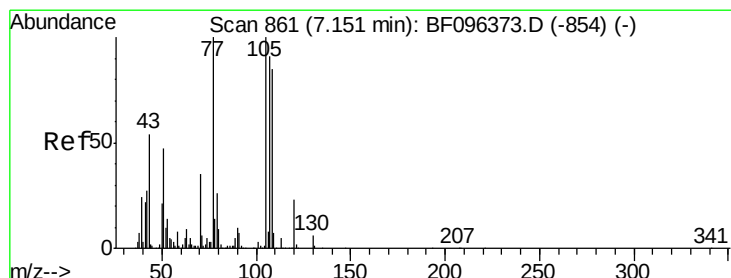
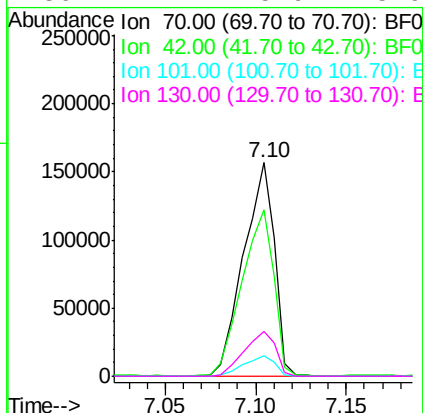




#19
n-Nitroso-di-n-propylamine
Concen: 34.71 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

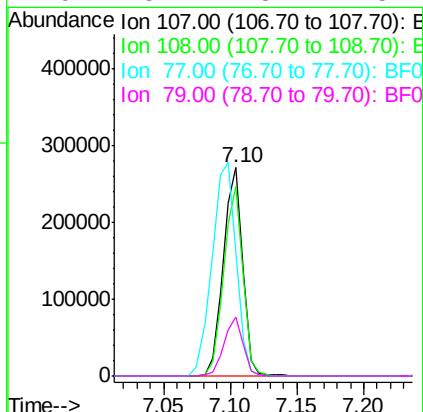
Instrument :
BNA_F
ClientSampled :

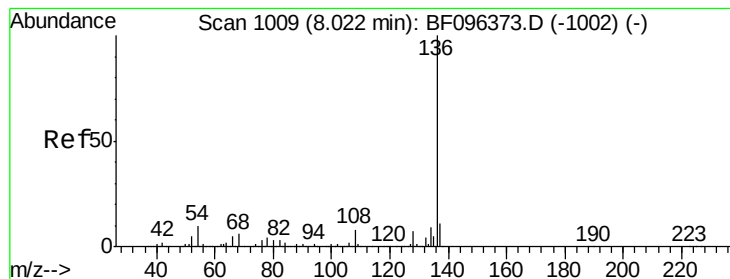
Tot Ion:	70	Resp:	185442
Ion	Ratio	Lower	Upper
70	100		
42	78.1	47.2	70.8#
101	9.5	7.2	10.8
130	21.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.45 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion:	107	Resp:	279643
Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.0	111.0
77	59.8	90.5	130.5#
79	28.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 453028

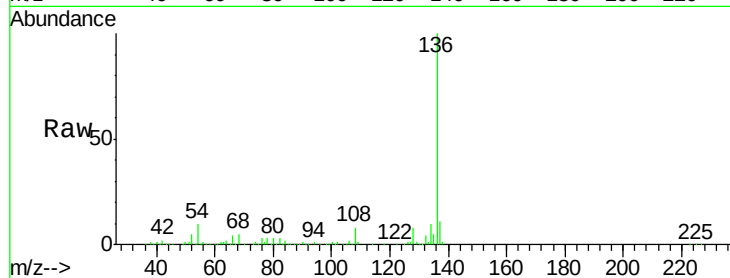
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.0 4.9 7.3#

68 5.1 4.1 6.1

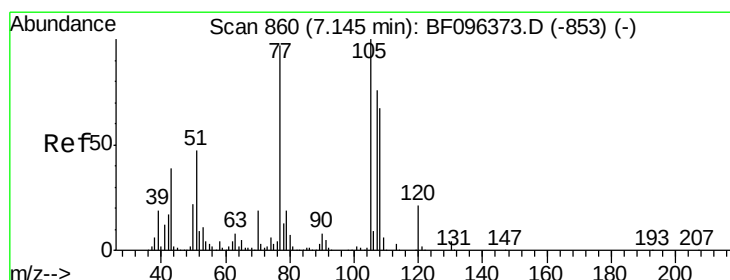
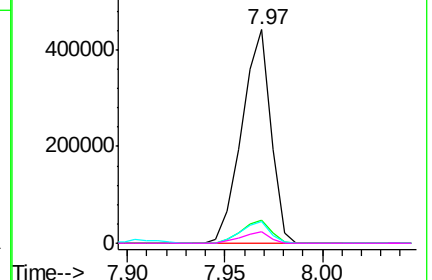
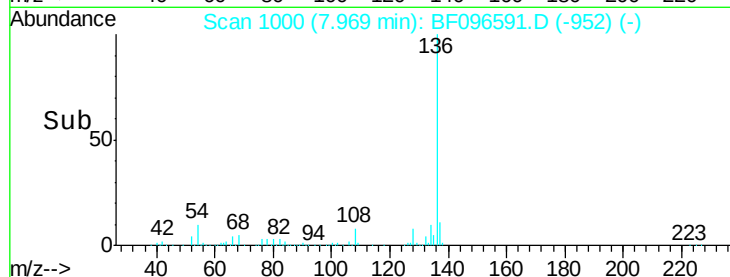


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.82 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:105 Resp: 374375

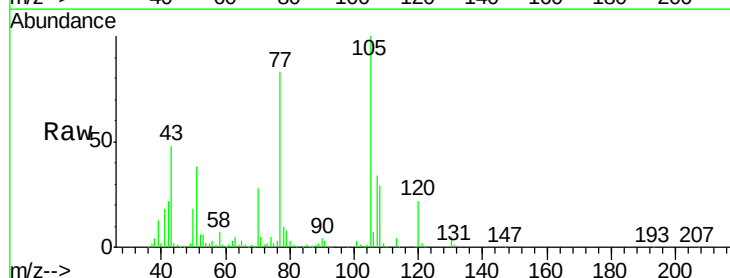
Ion Ratio Lower Upper

105 100

71 4.8 2.8 4.2#

51 38.2 30.7 46.1

120 21.7 17.4 26.0

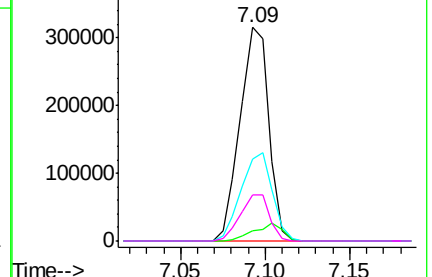
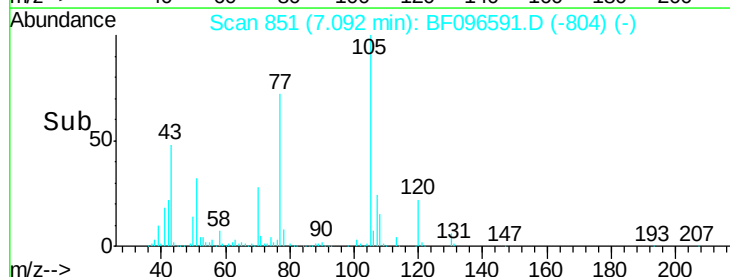


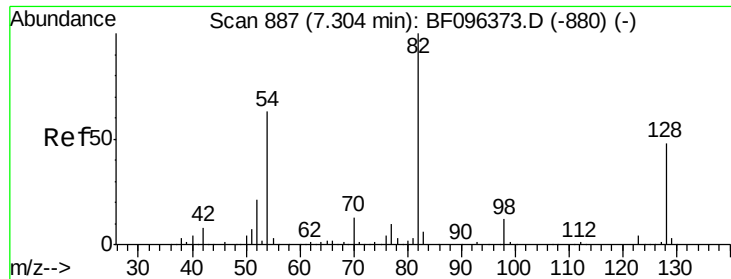
Abundance Ion 105.00 (104.70 to 105.70): E

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

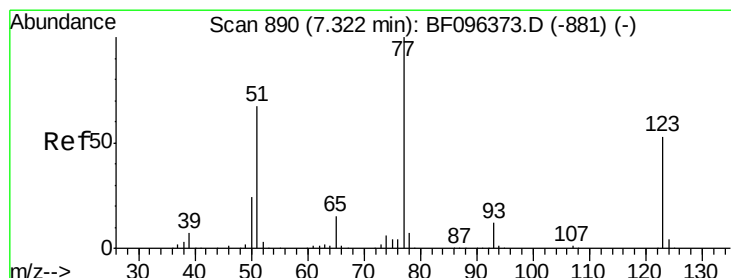
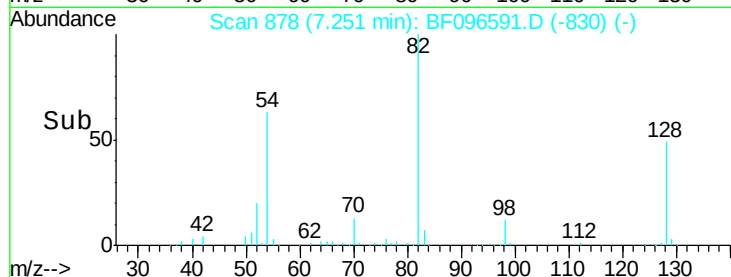
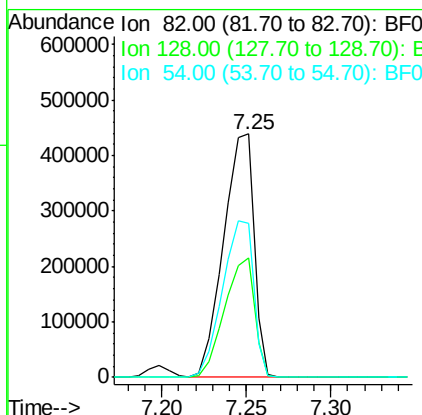
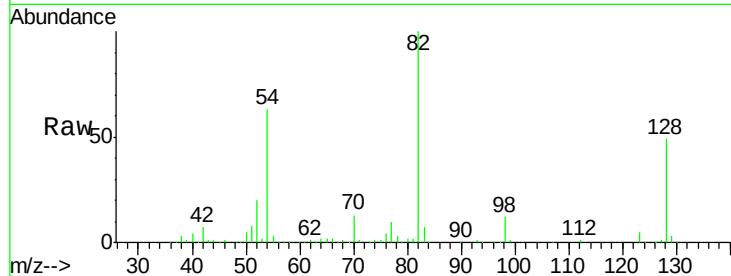




#23
 Nitrobenzene-d5
 Concen: 73.19 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

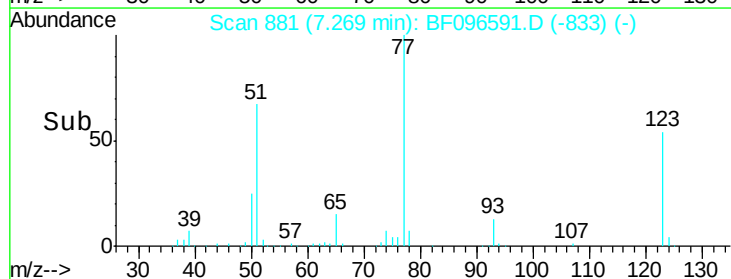
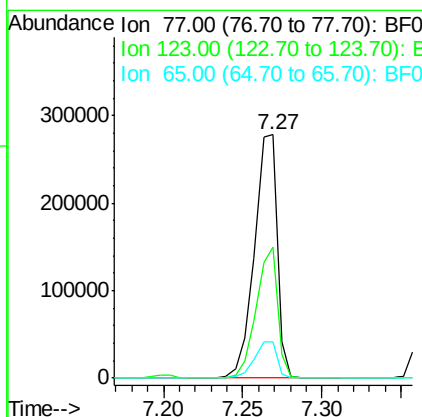
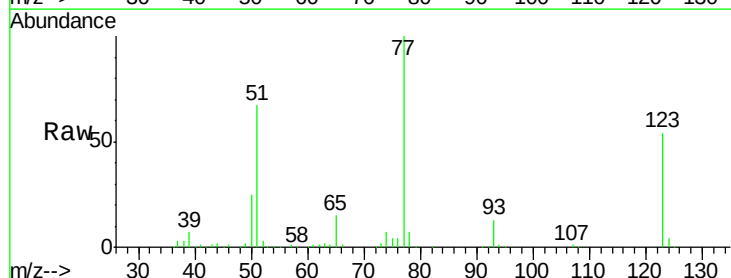
Instrument :
 BNA_F
 ClientSampleId :

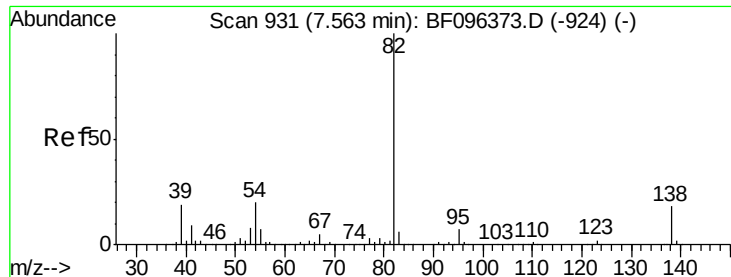
Tot Ion: 82 Resp: 551768
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.0 51.0
 54 63.3 42.2 63.2#



#24
 Nitrobenzene
 Concen: 35.42 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion: 77 Resp: 280175
 Ion Ratio Lower Upper
 77 100
 123 53.7 35.8 53.8
 65 14.7 10.6 15.8





#25

Isophorone

Concen: 34.97 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampled :

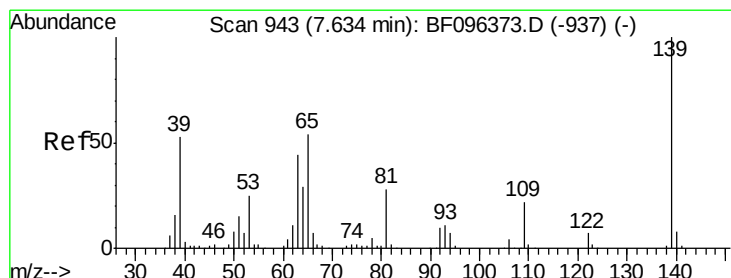
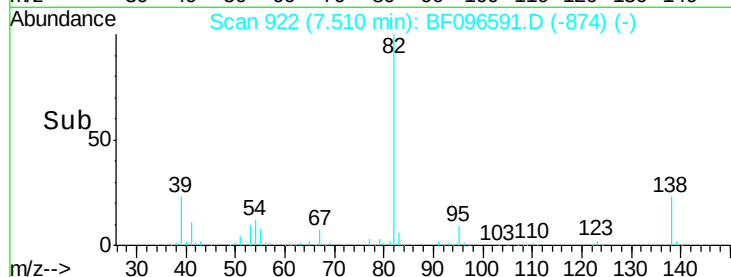
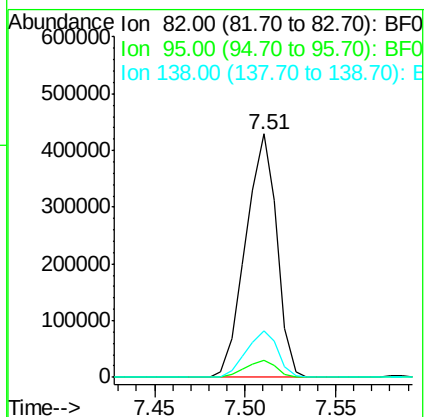
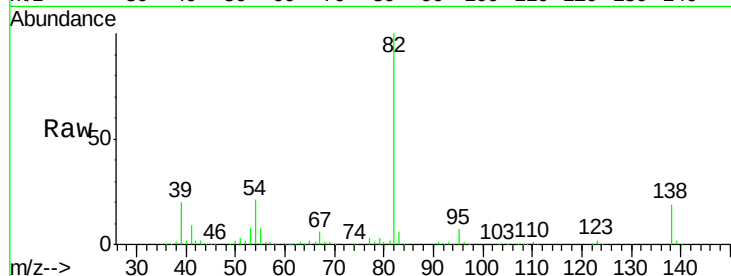
Tot Ion: 82 Resp: 511236

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 38.48 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

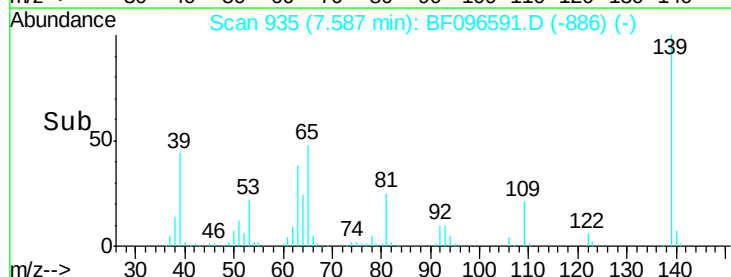
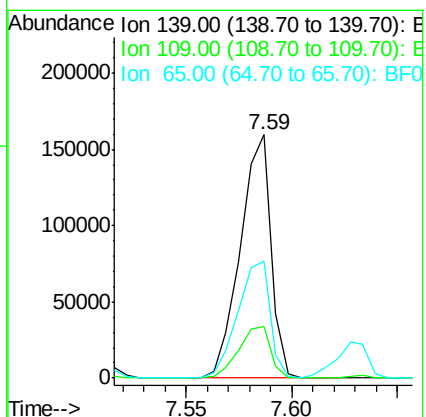
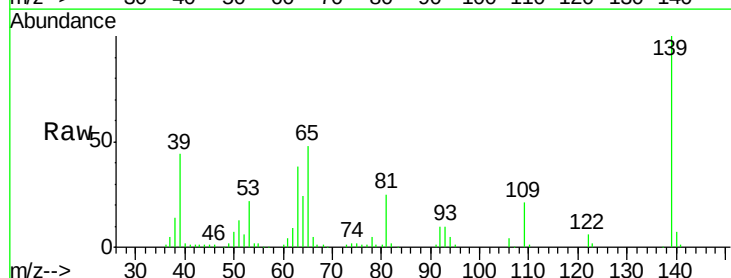
Tgt Ion: 139 Resp: 161075

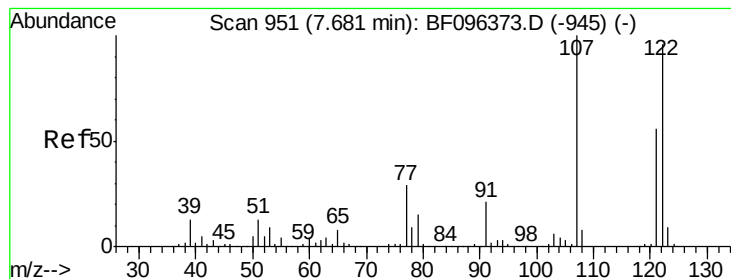
Ion Ratio Lower Upper

139 100

109 21.4 21.0 31.6

65 47.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 37.00 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

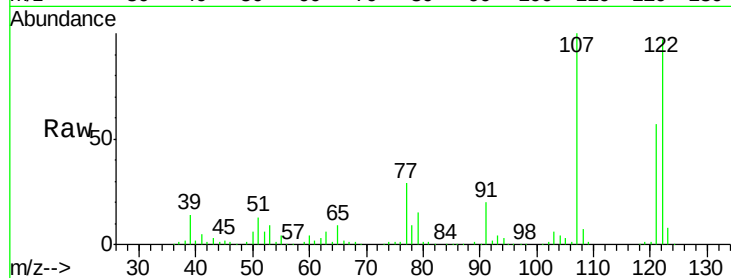
Tot Ion:122 Resp: 263749

Ion Ratio Lower Upper

122 100

107 103.3 89.2 133.8

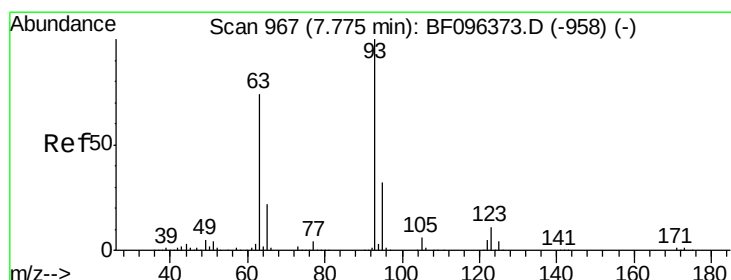
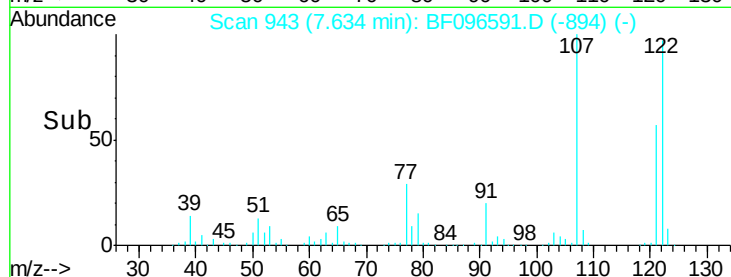
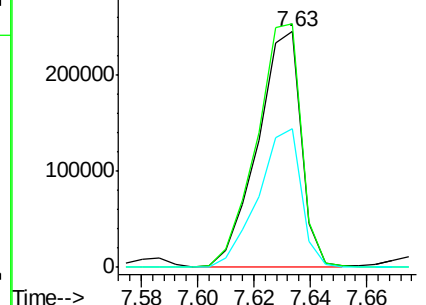
121 58.8 45.2 67.8



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: 36.13 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

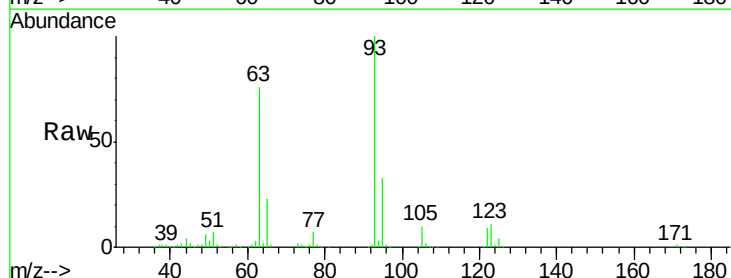
Tgt Ion: 93 Resp: 348615

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

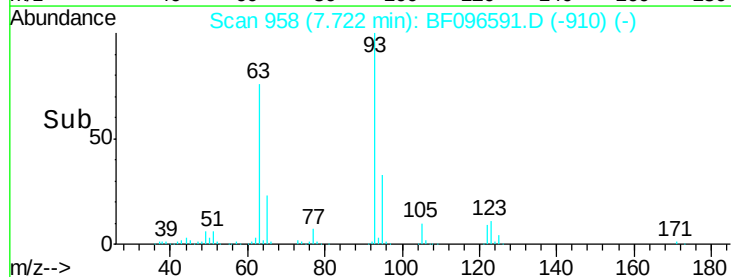
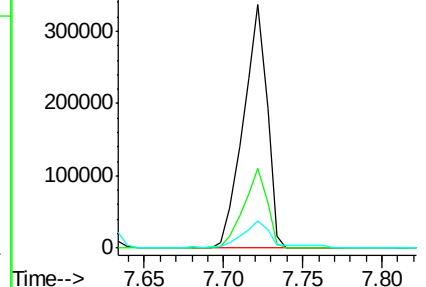
123 11.4 9.0 13.4

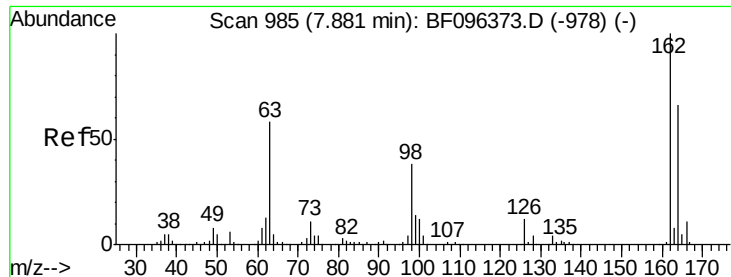


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

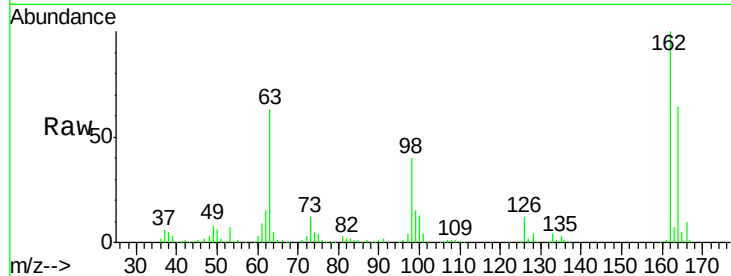




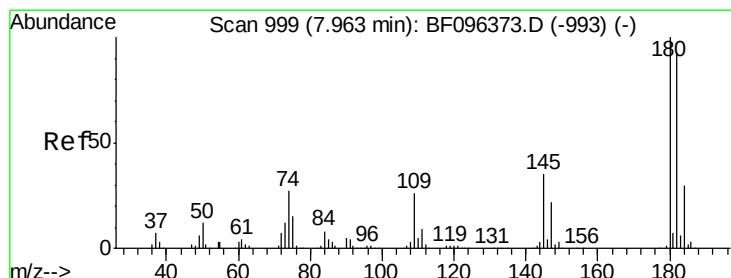
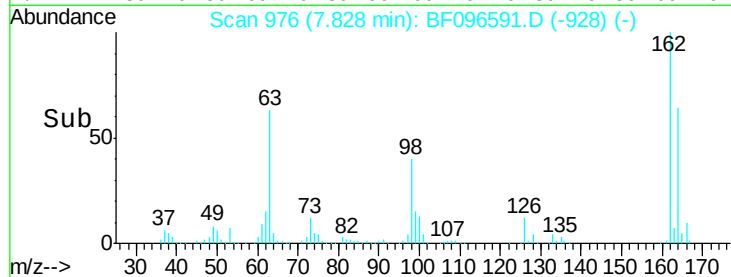
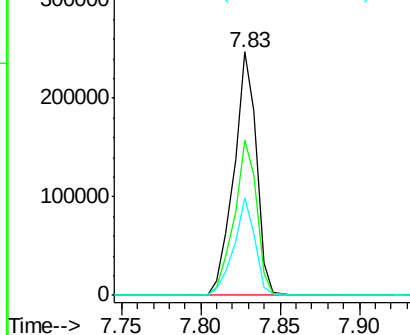
#29
 2,4-Dichlorophenol
 Concen: 39.56 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	39.9	14.8	54.8

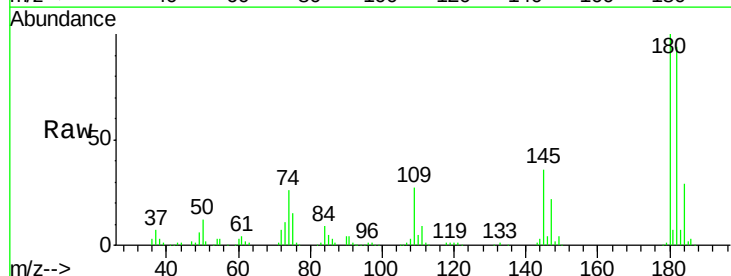


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

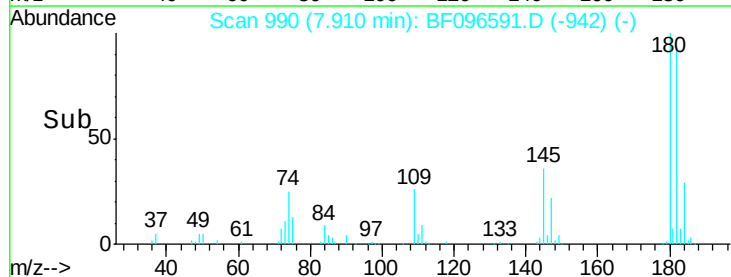
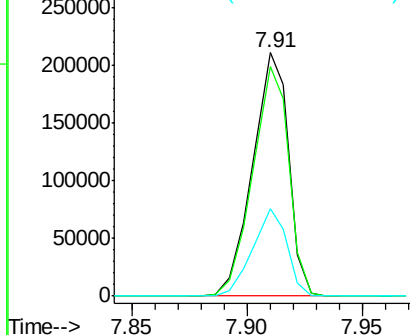


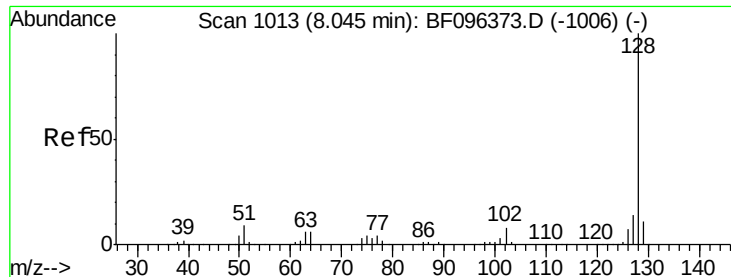
#30
 1,2,4-Trichlorobenzene
 Concen: 39.44 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	35.9	25.3	37.9



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

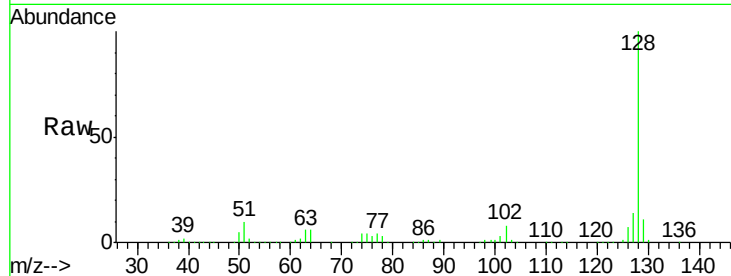




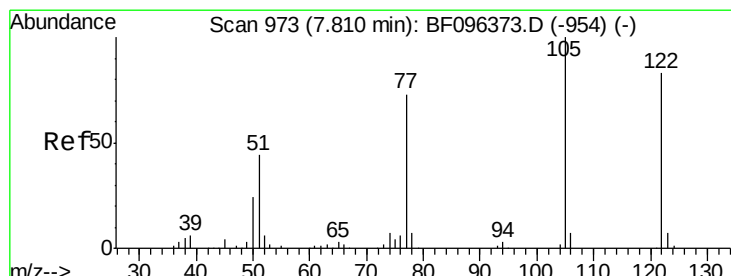
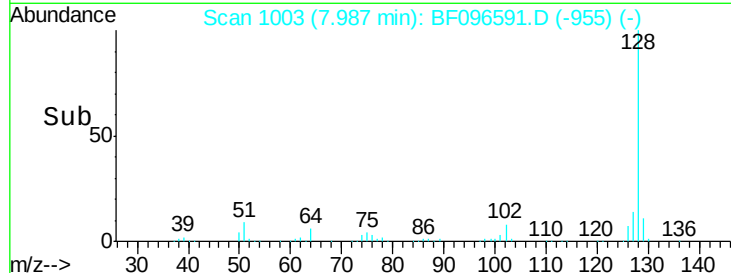
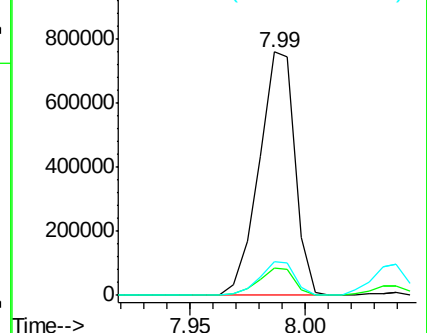
#31
Naphthalene
Concen: 38.60 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 825606
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2

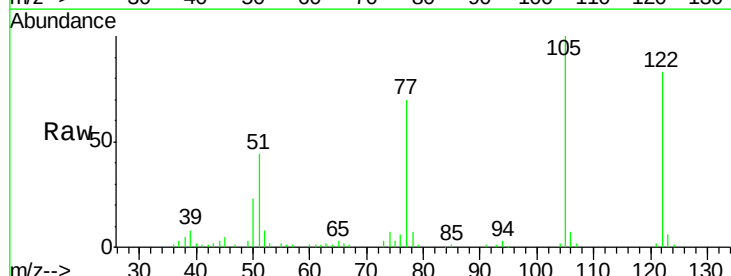


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

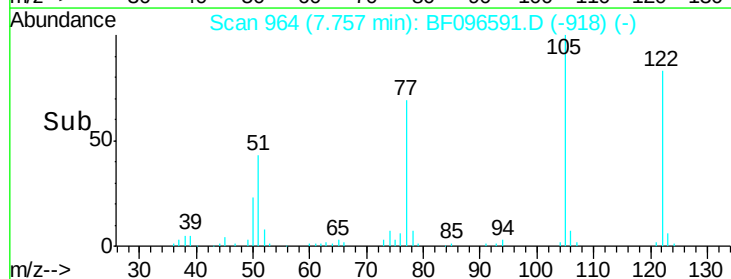
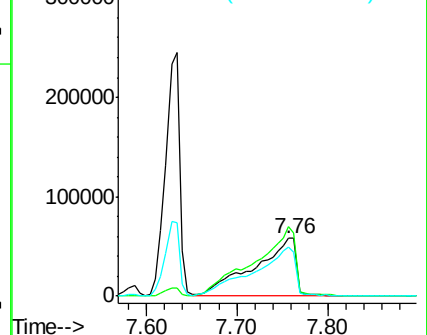


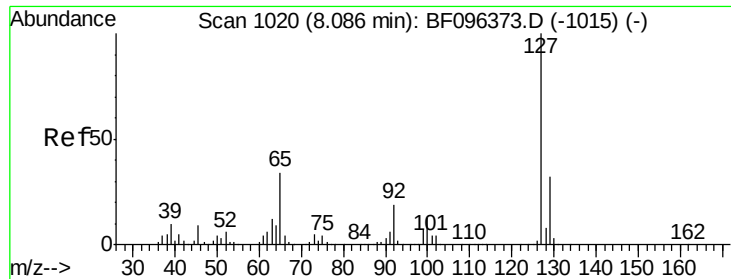
#32
Benzoic acid
Concen: 30.86 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion:122 Resp: 184730
Ion Ratio Lower Upper
122 100
105 121.0 103.3 143.3
77 84.7 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

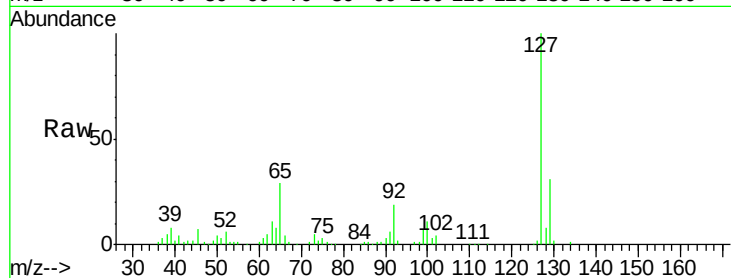




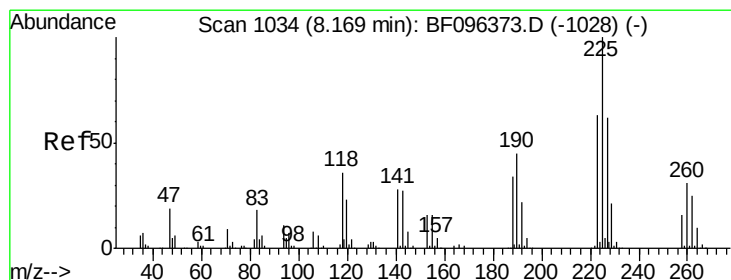
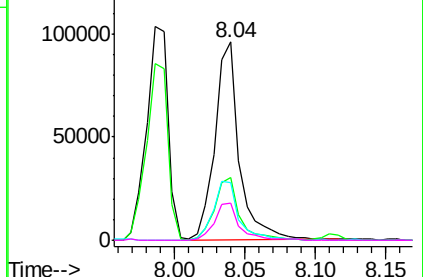
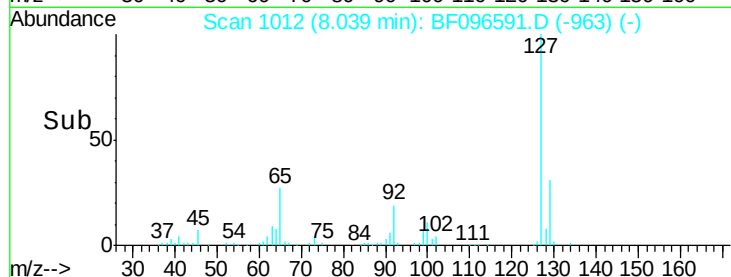
#33
4-Chloroaniline
Concen: 12.95 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	115071
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	29.3	27.8	41.8
92	18.5	16.8	25.2

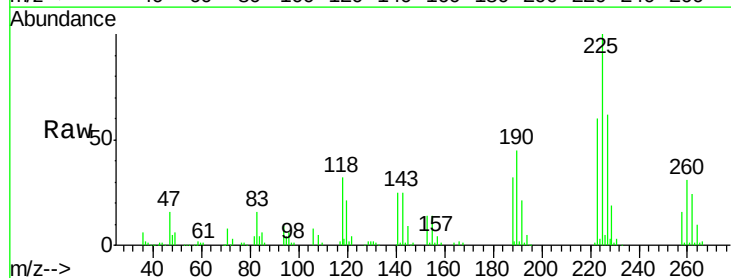


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

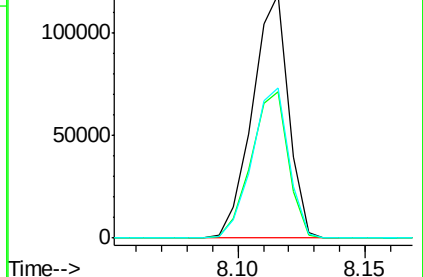
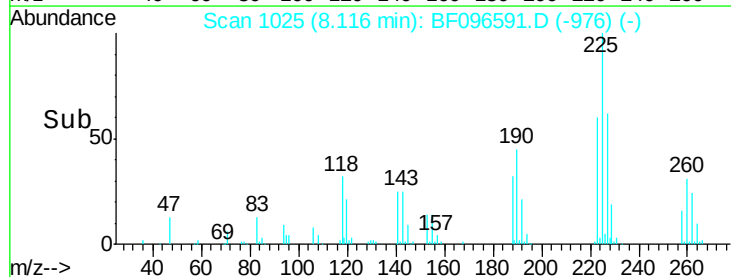


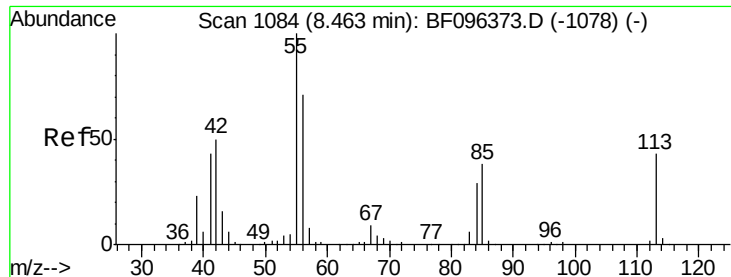
#34
Hexachlorobutadiene
Concen: 39.47 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion:	225	Resp:	117444
Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.8	73.2
227	61.8	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: 24.81 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampled :

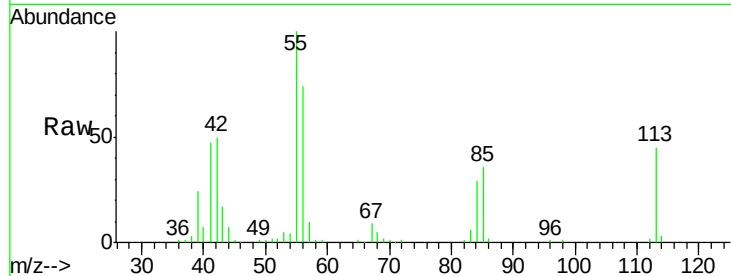
Tot Ion:113 Resp: 52610

Ion Ratio Lower Upper

113 100

55 222.0 150.2 190.2#

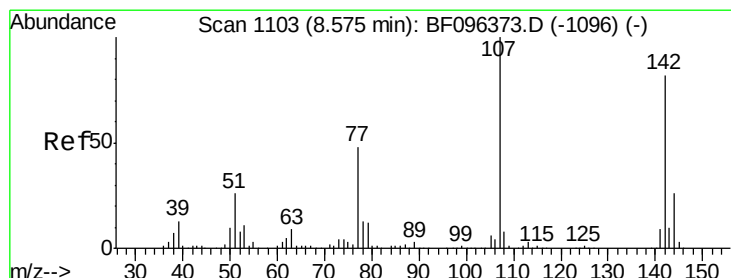
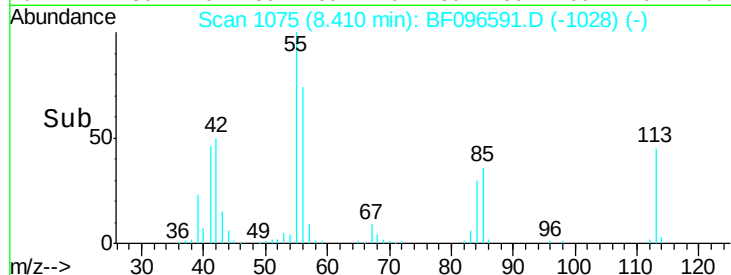
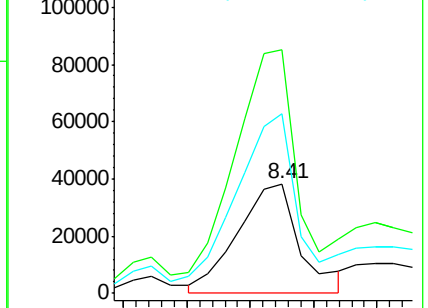
56 163.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.41 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

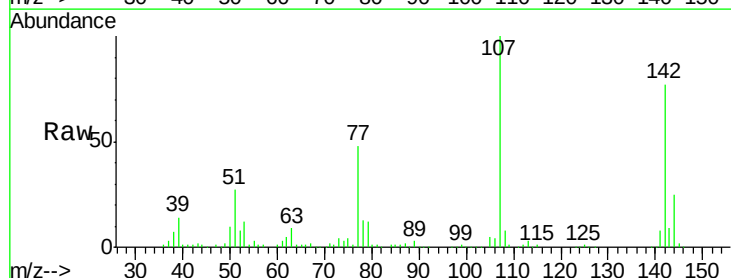
Tgt Ion:107 Resp: 254576

Ion Ratio Lower Upper

107 100

144 25.2 24.2 36.4

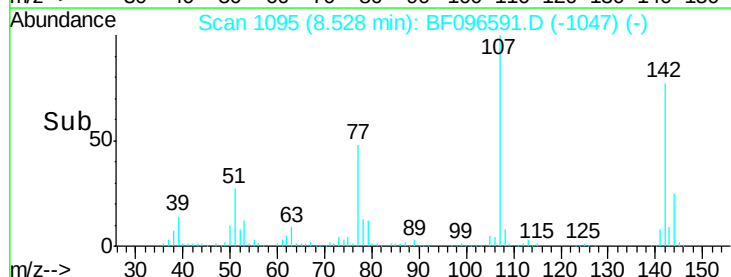
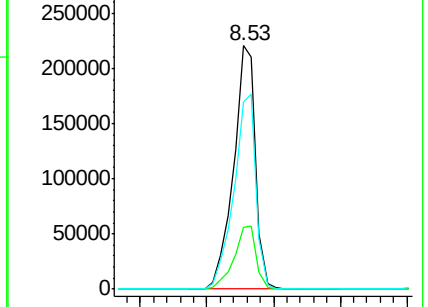
142 77.0 73.4 110.0

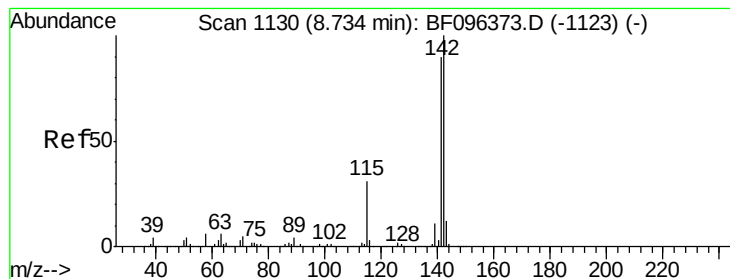


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.78 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

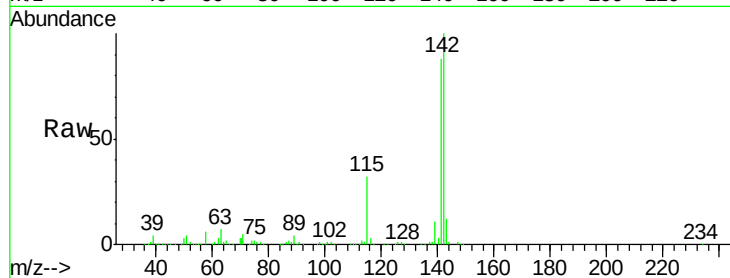
Tot Ion:142 Resp: 568771

Ion Ratio Lower Upper

142 100

141 87.7 71.3 106.9

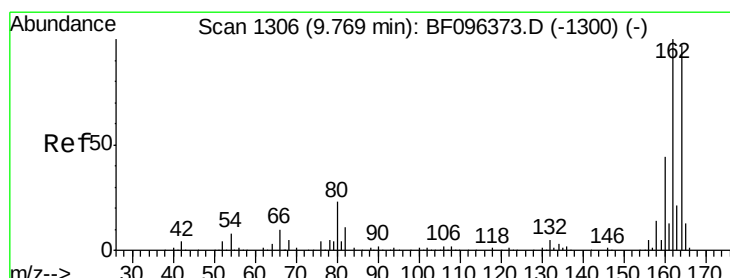
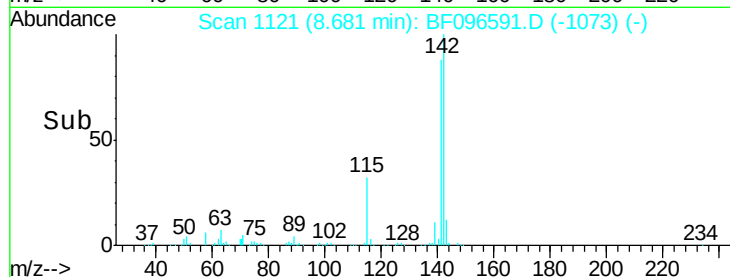
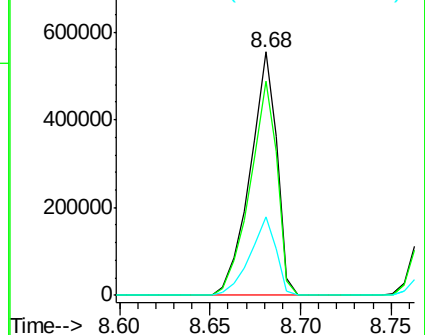
115 32.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

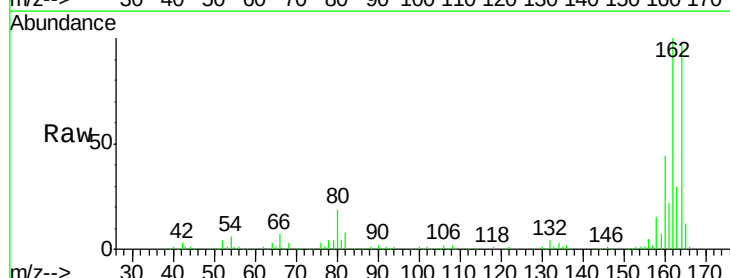
Tgt Ion:164 Resp: 207541

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

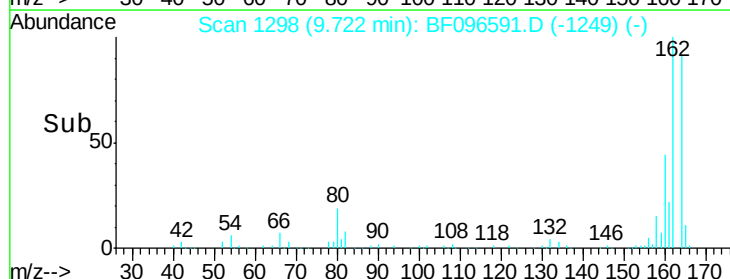
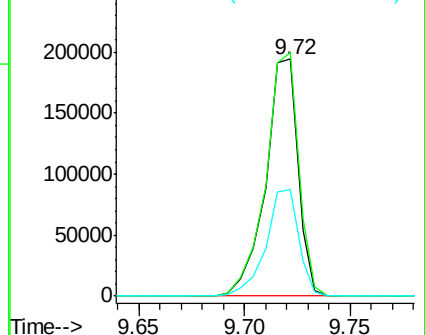
160 45.1 36.2 54.2

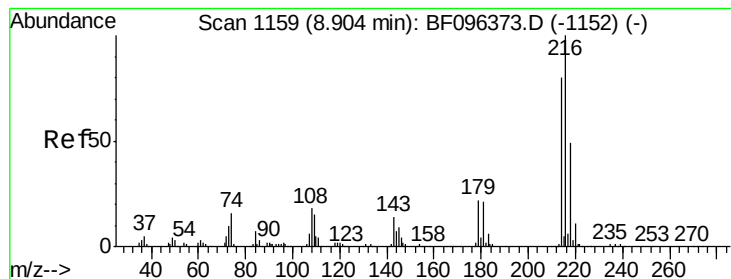


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.72 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF096591.D

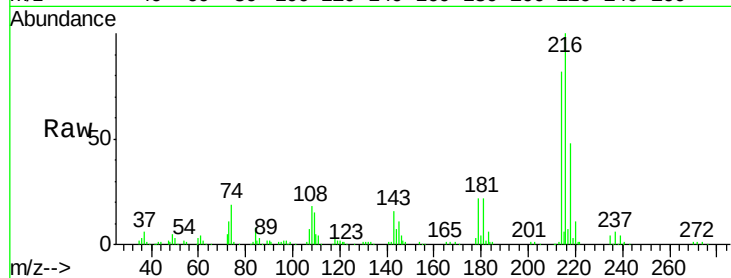
Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	192473
Ion Ratio	Lower	Upper
216	100	
214	80.0	63.4 95.2
179	22.5	17.9 26.9
108	22.0	16.5 24.7

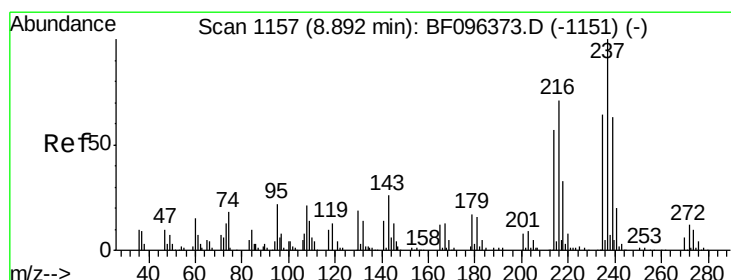
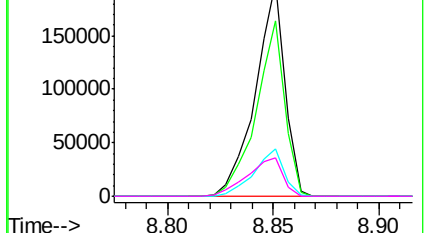
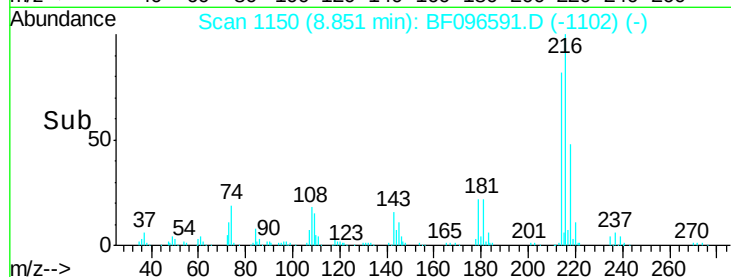


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.81 ng

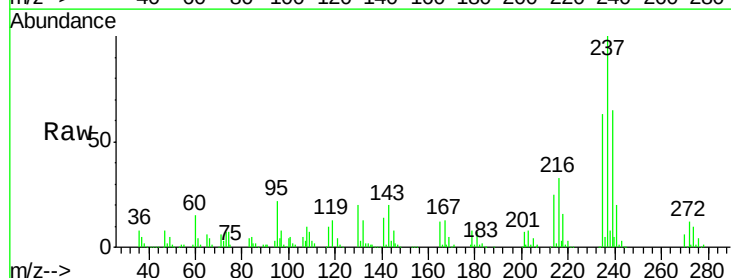
RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

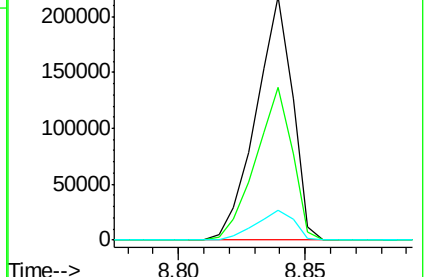
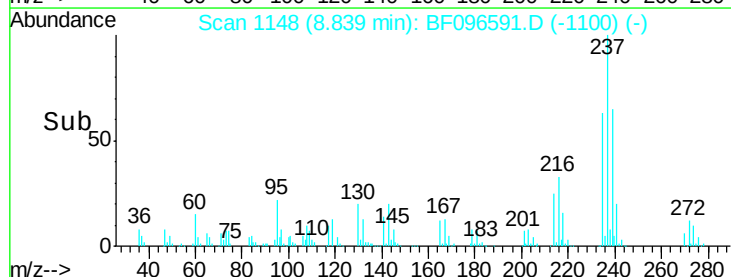
Tgt Ion:237	Resp:	219612
Ion Ratio	Lower	Upper
237	100	
235	62.9	42.6 82.6
272	12.2	0.0 31.9

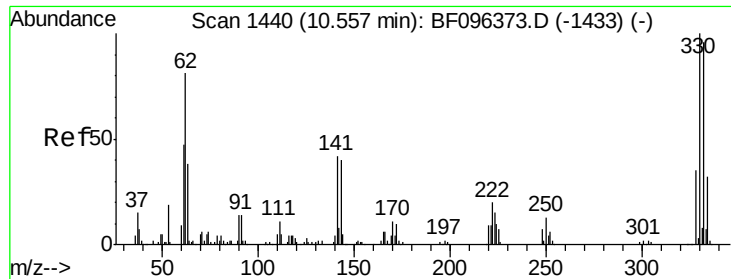


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

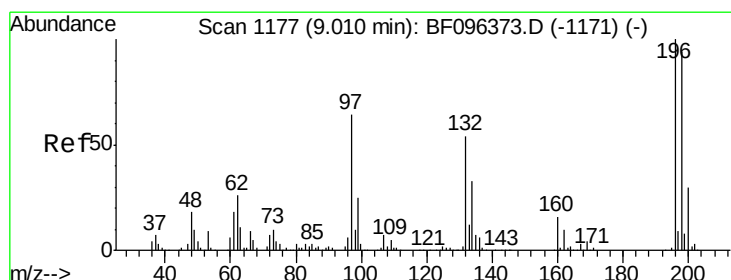
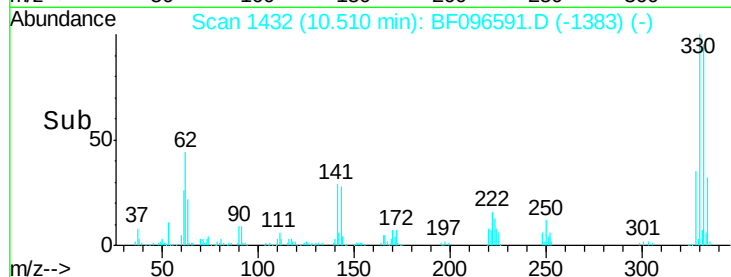
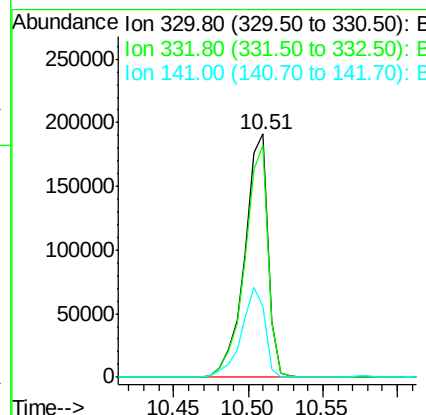
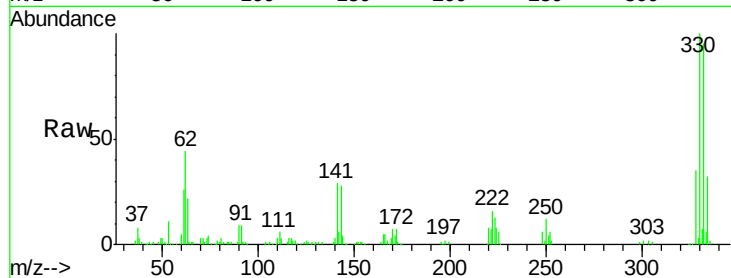




#41
 2,4,6-Tribromophenol
 Concen: 127.99 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

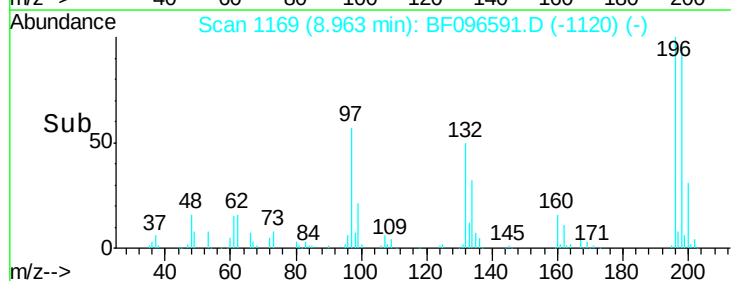
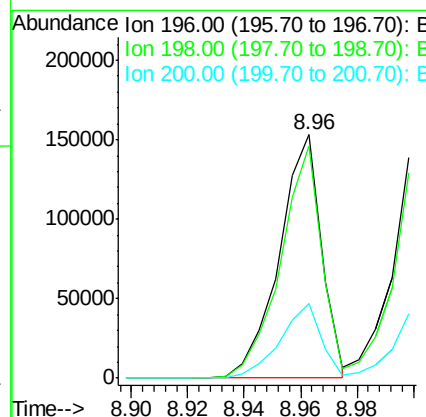
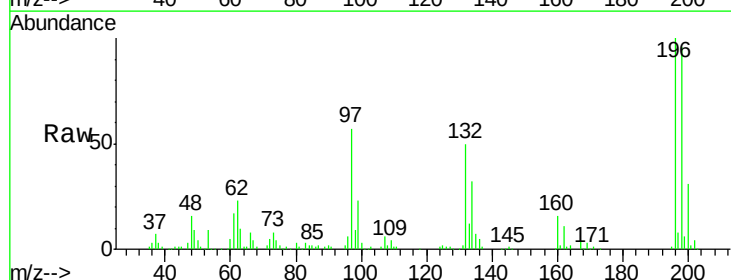
Instrument :
 BNA_F
 ClientSampleId :

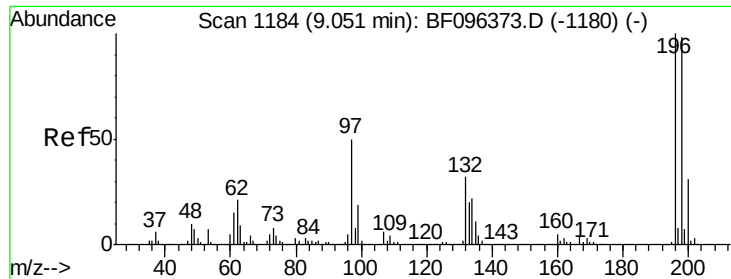
Tot Ion:330 Resp: 207493
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 37.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.23 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion:196 Resp: 158704
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.4
 200 30.7 24.0 36.0

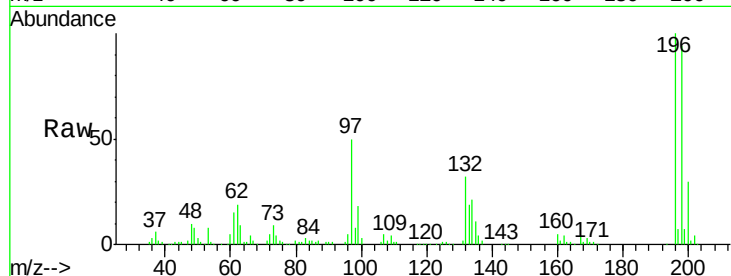




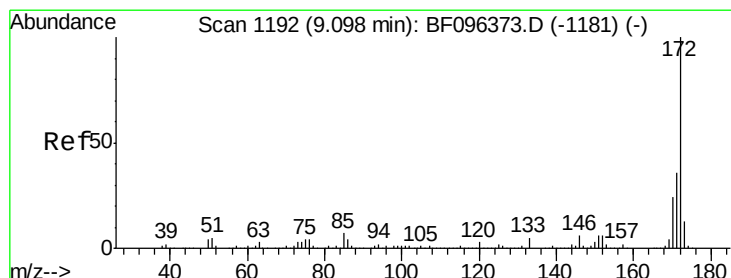
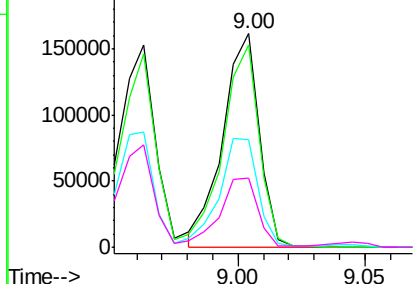
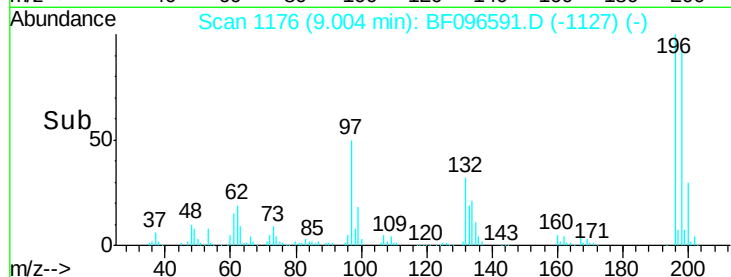
#43
 2,4,5-Trichlorophenol
 Concen: 38.33 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 161577
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 97 50.1 47.7 71.5
 132 32.2 28.0 42.0

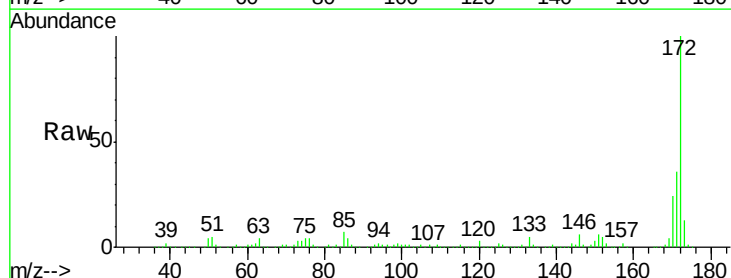


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

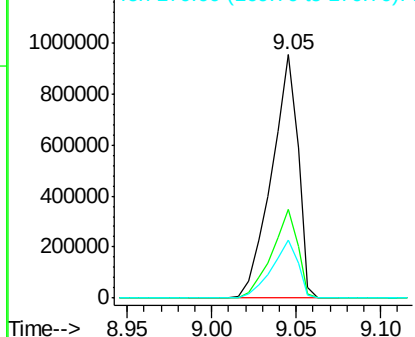
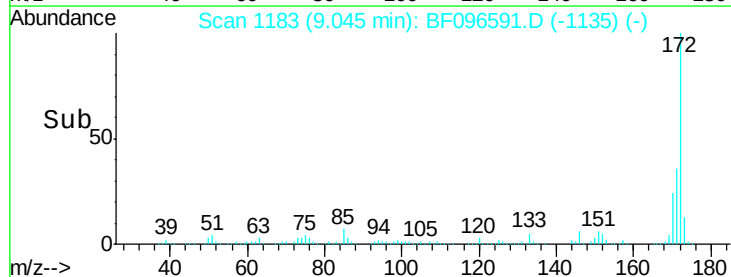


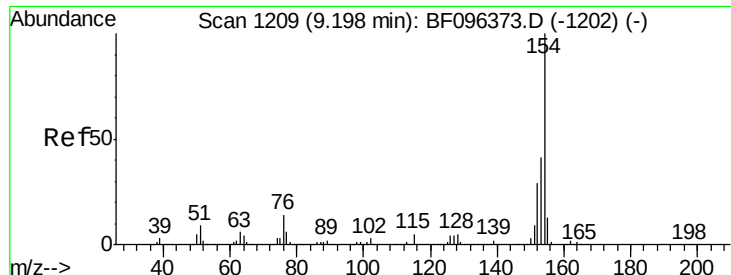
#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion:172 Resp: 1036591
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

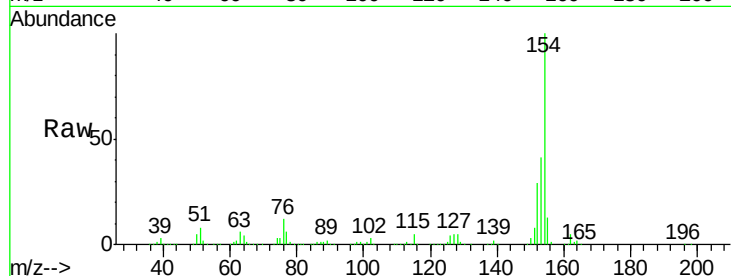




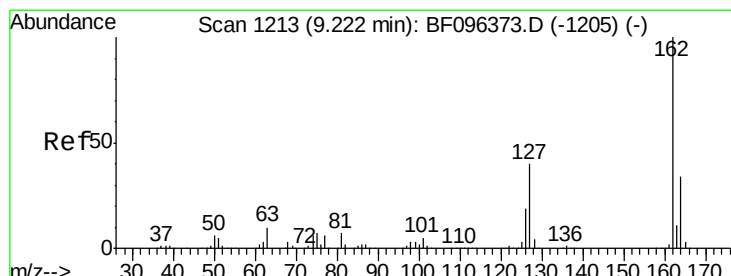
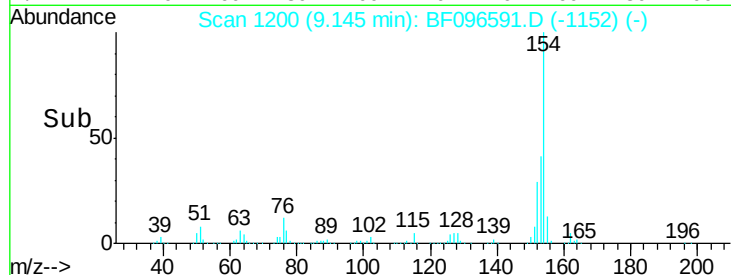
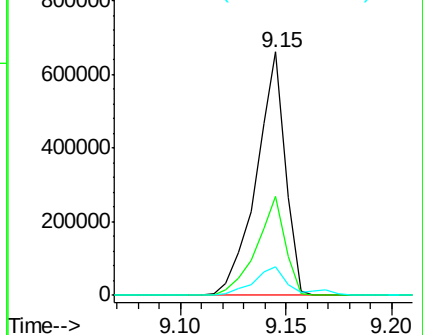
#45
 1,1'-Biphenyl
 Concen: 35.50 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 631310
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 11.9 0.0 29.9

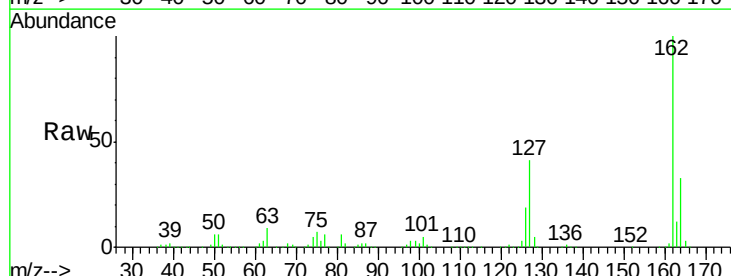


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

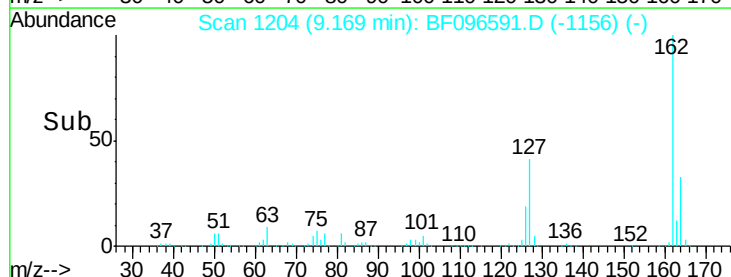
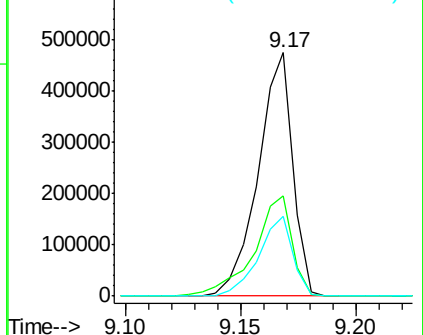


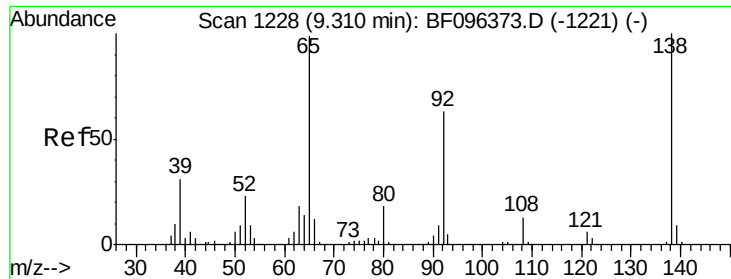
#46
 2-Chloronaphthalene
 Concen: 37.26 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion:162 Resp: 493815
 Ion Ratio Lower Upper
 162 100
 127 41.0 28.3 42.5
 164 33.0 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

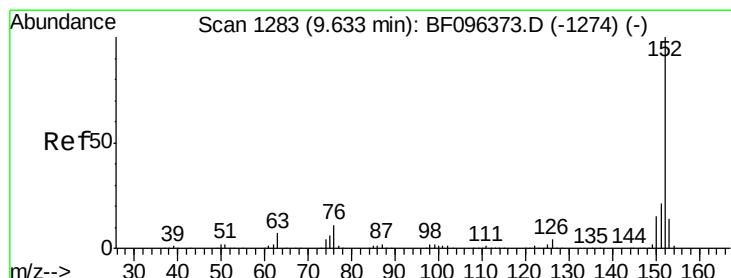
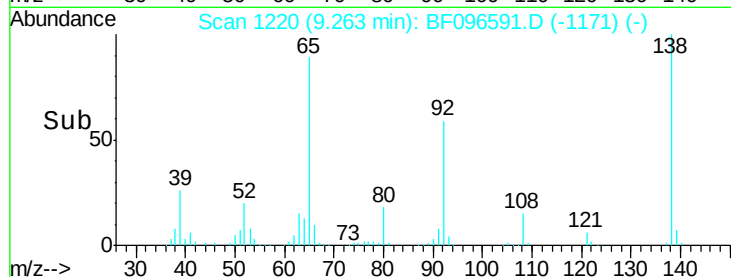
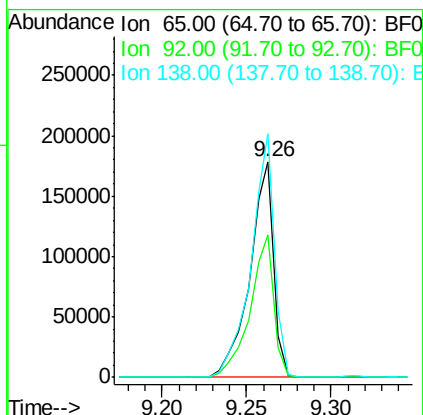
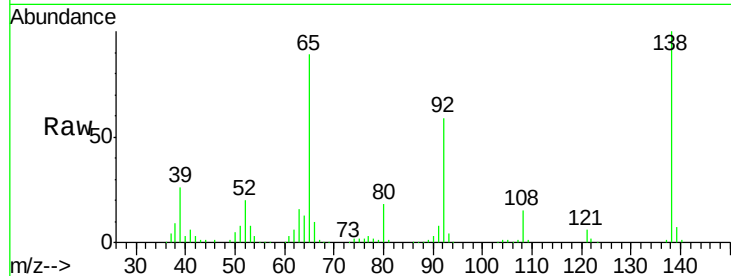




#47
2-Nitroaniline
Concen: 36.61 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

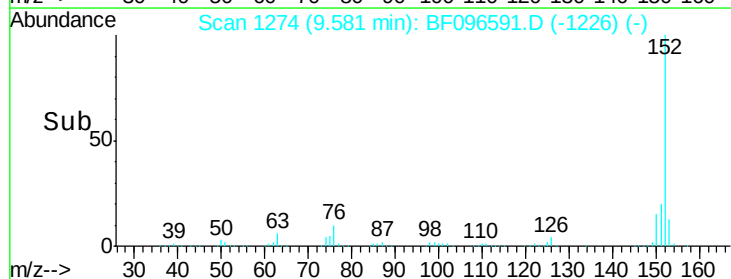
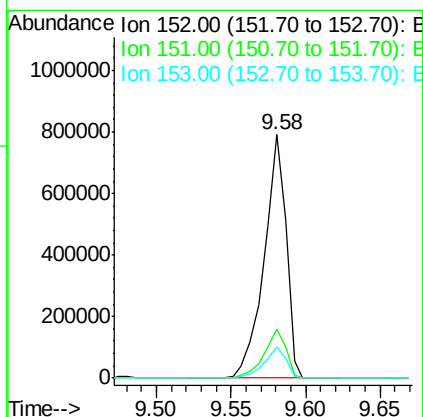
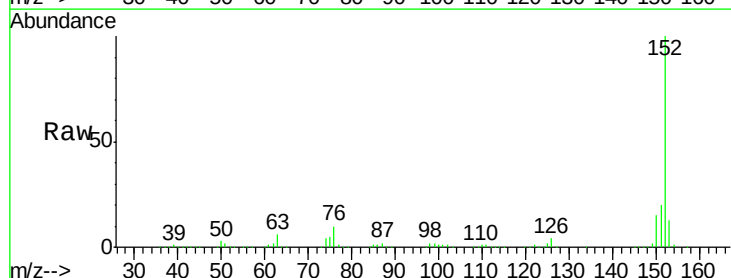
Instrument :
BNA_F
ClientSampled :

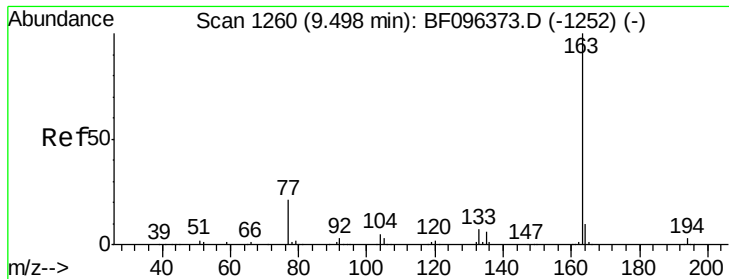
Tot Ion: 65 Resp: 176549
Ion Ratio Lower Upper
65 100
92 66.1 53.9 80.9
138 112.7 78.8 118.2



#48
Acenaphthylene
Concen: 38.00 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion: 152 Resp: 797948
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.0 10.8 16.2

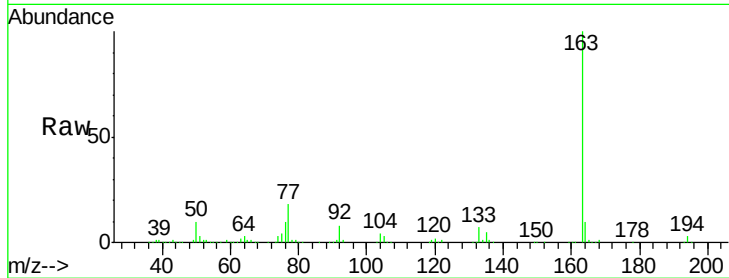




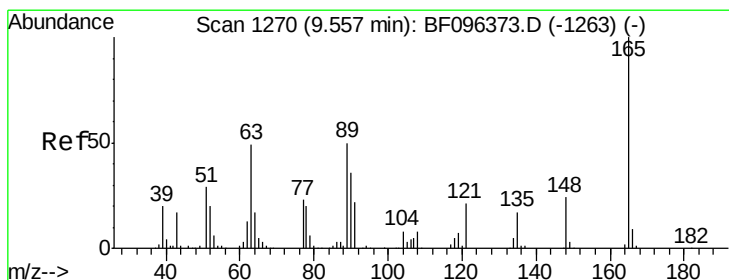
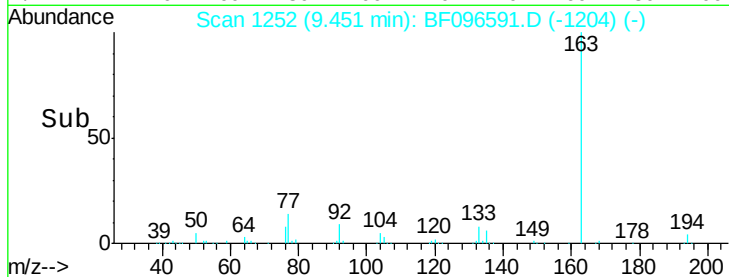
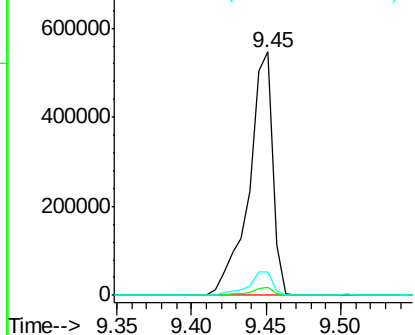
#49
Dimethylphthalate
Concen: 38.66 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6

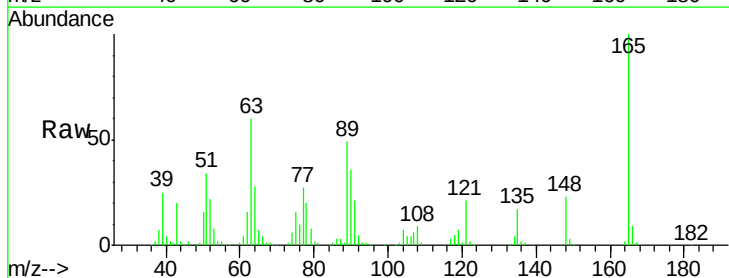


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

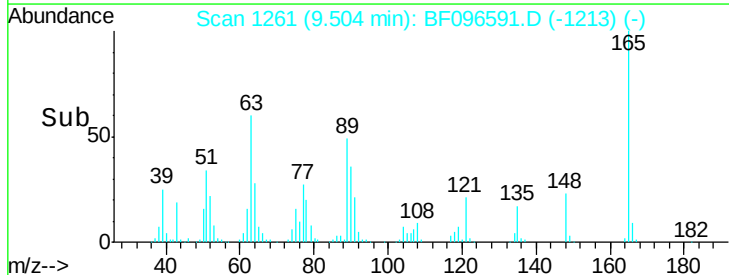
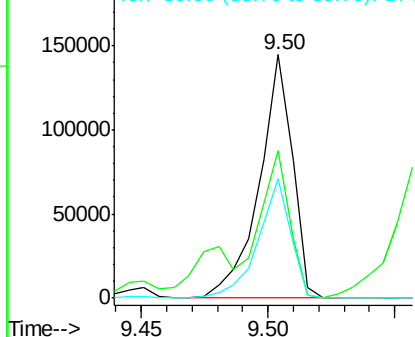


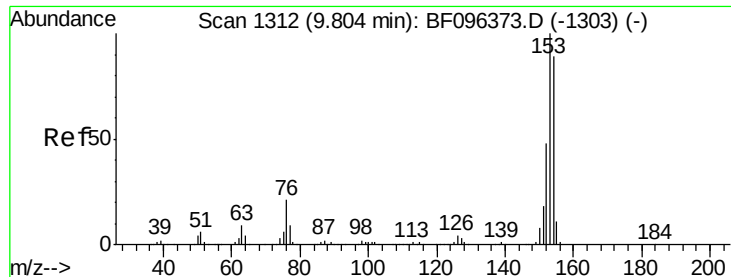
#50
2,6-Dinitrotoluene
Concen: 38.75 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.4	34.3	51.5#
89	49.2	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: 35.73 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

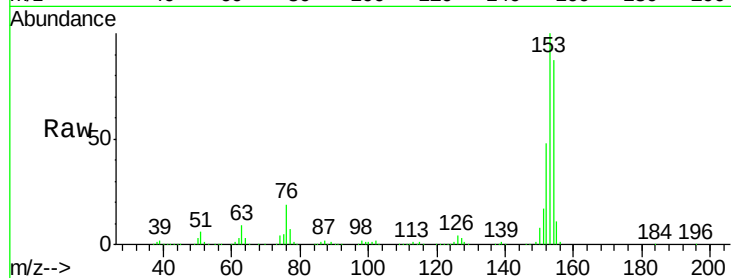
Tot Ion:154 Resp: 462511

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

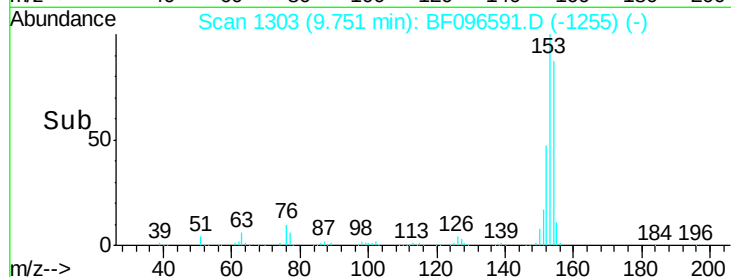
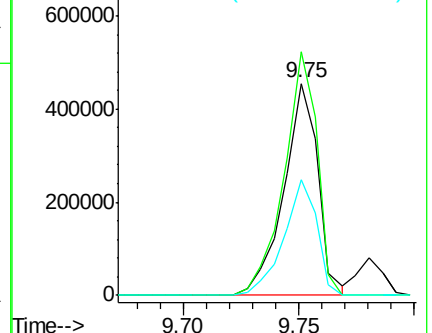
152 54.7 43.6 65.4



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: 18.19 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

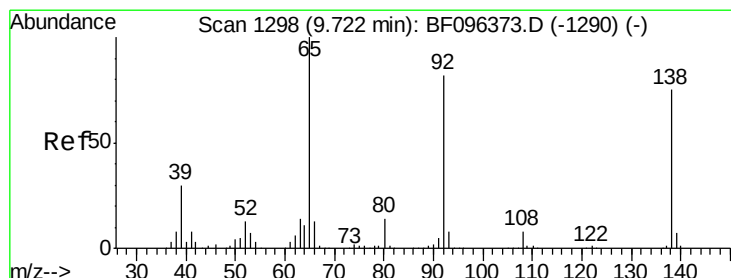
Tgt Ion:138 Resp: 77733

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

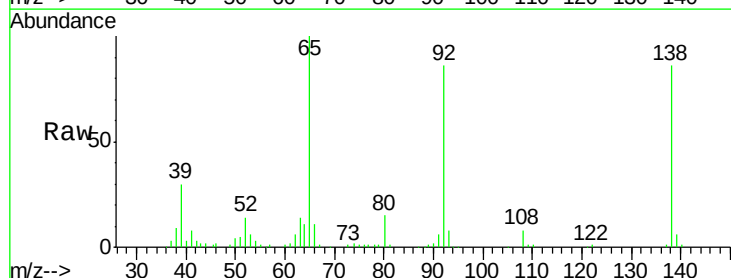
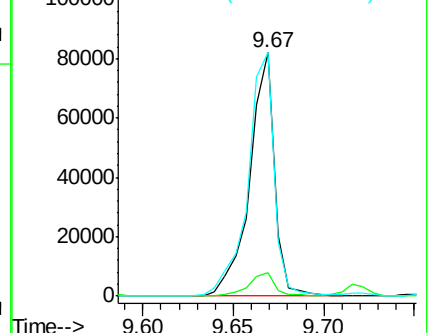
92 100.0 93.8 140.6

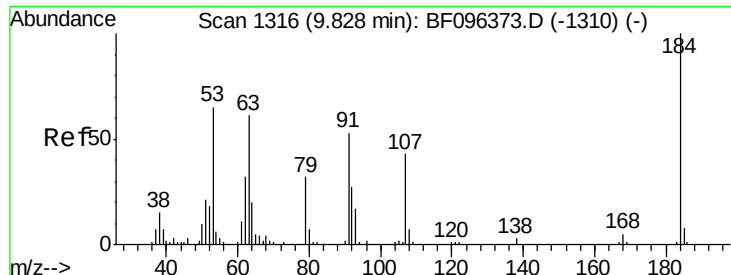


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

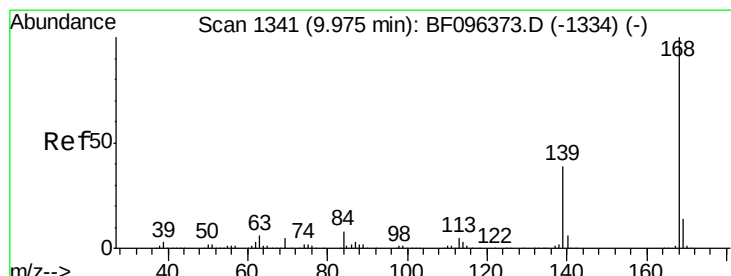
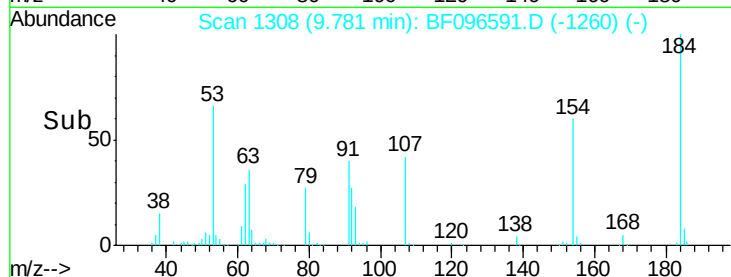
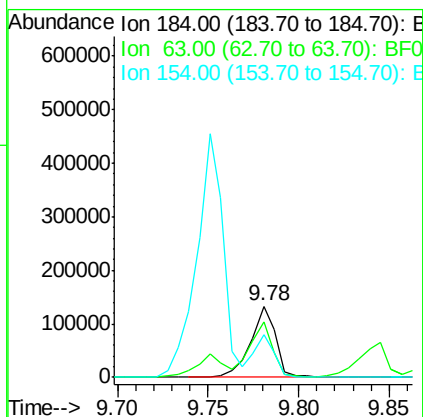
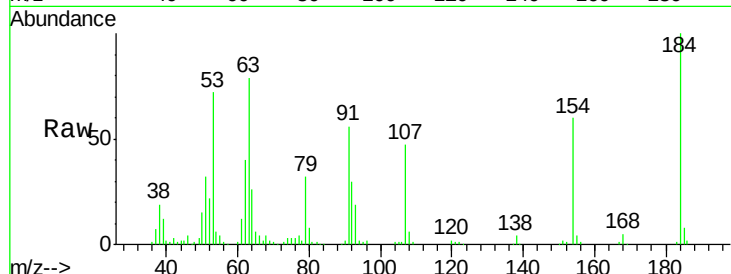




#53
2,4-Dinitrophenol
Concen: 71.30 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

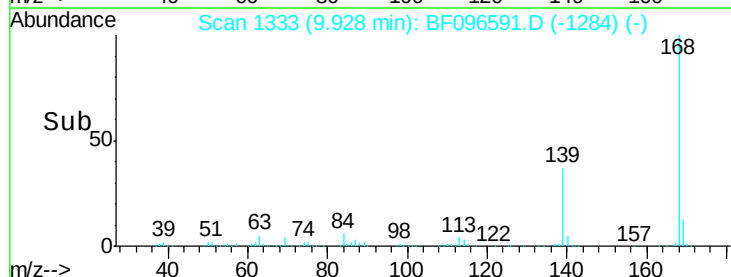
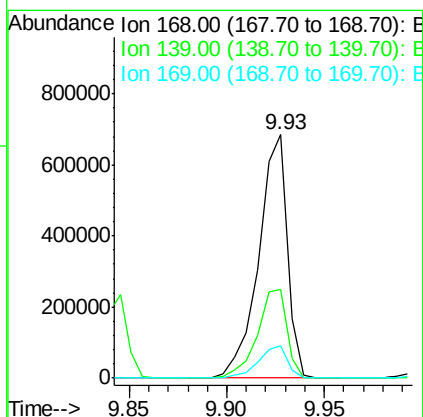
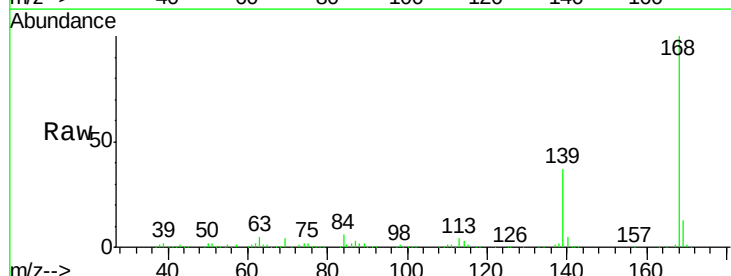
Instrument :
BNA_F
ClientSampleId :

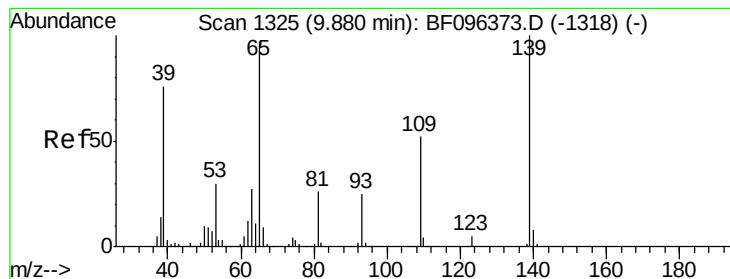
Tot Ion:184 Resp: 129738
Ion Ratio Lower Upper
184 100
63 78.5 62.7 94.1
154 60.5 81.1 121.7#



#54
Dibenzofuran
Concen: 40.71 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion:168 Resp: 695714
Ion Ratio Lower Upper
168 100
139 36.6 30.6 45.8
169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 68.70 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

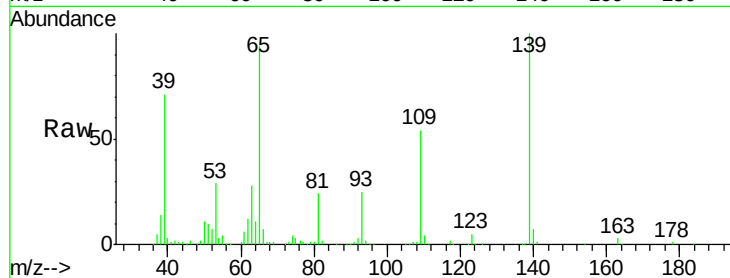
Tot Ion:139 Resp: 243310

Ion Ratio Lower Upper

139 100

109 53.8 34.1 74.1

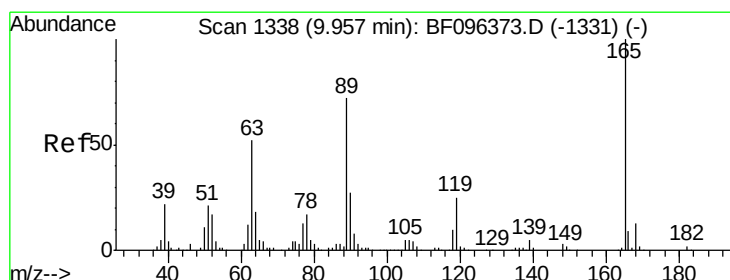
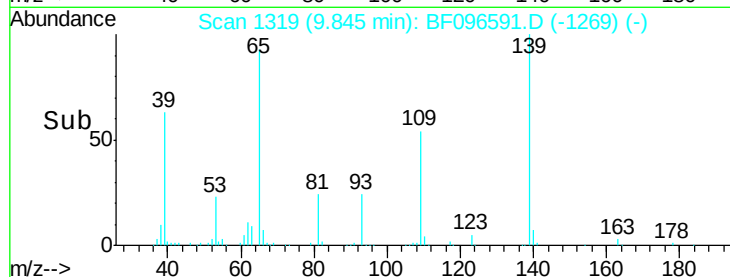
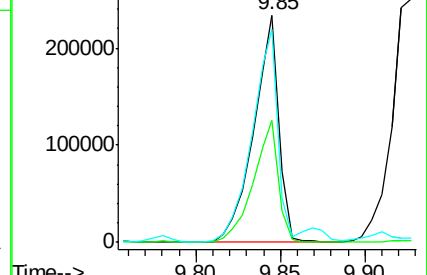
65 93.8 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.24 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:165 Resp: 178908

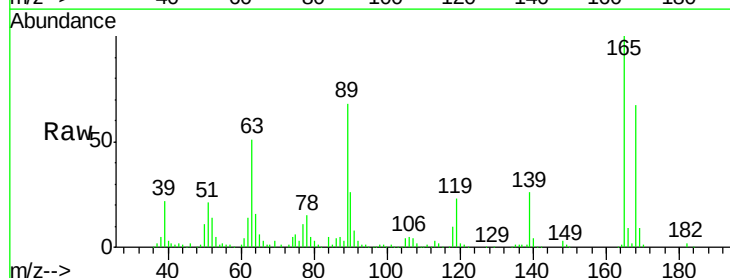
Ion Ratio Lower Upper

165 100

63 51.4 25.4 38.0#

89 67.6 46.4 69.6

182 2.2 1.8 2.6

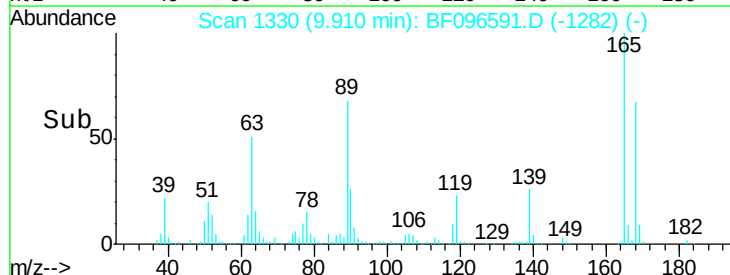
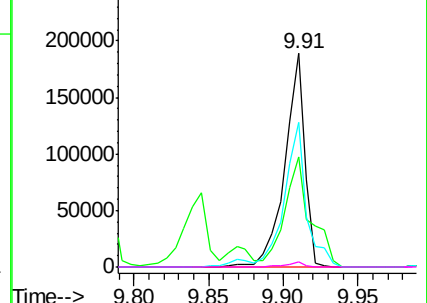


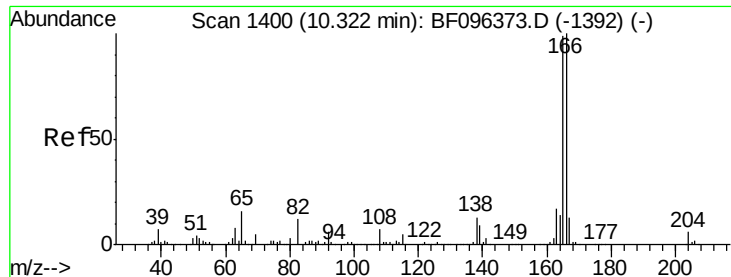
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

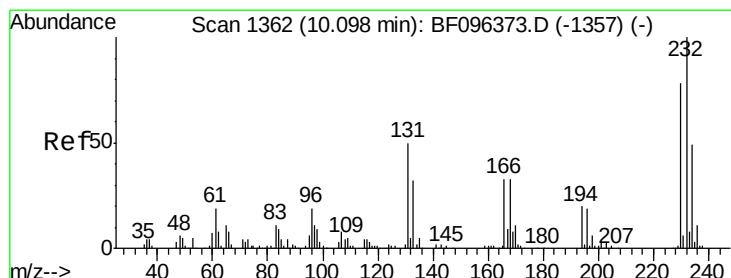
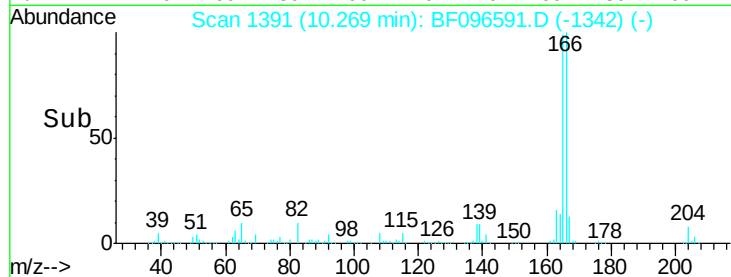
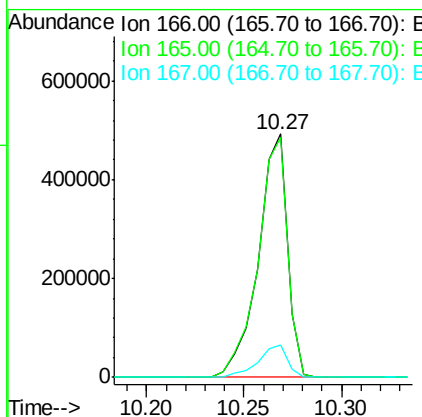
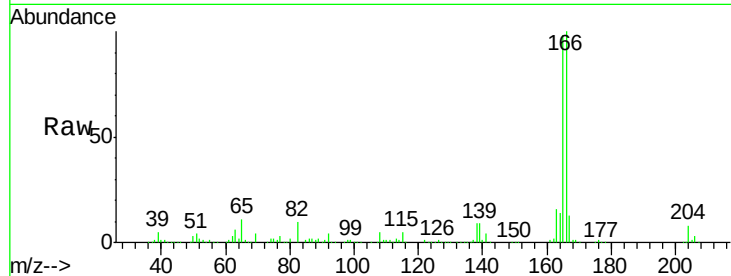




#57
 Fluorene
 Concen: 42.27 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

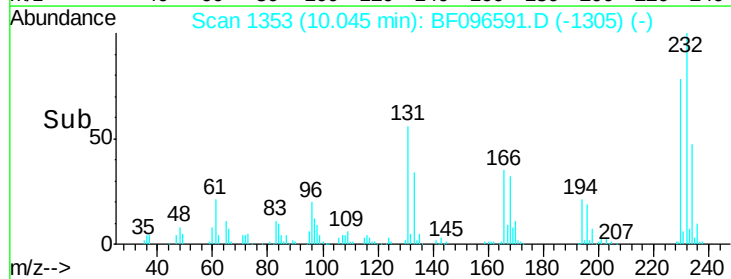
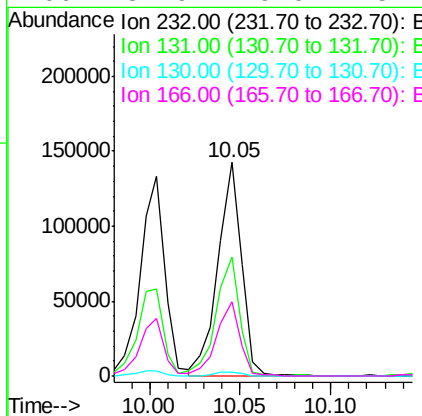
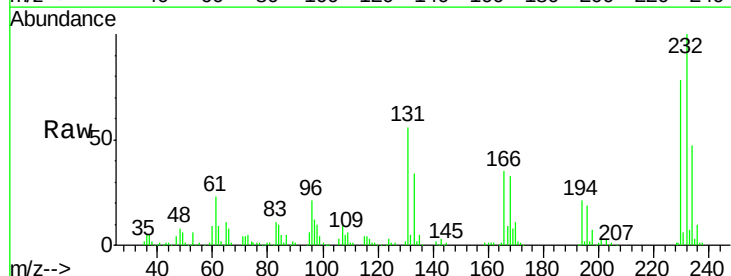
Instrument :
 BNA_F
 ClientSampleId :

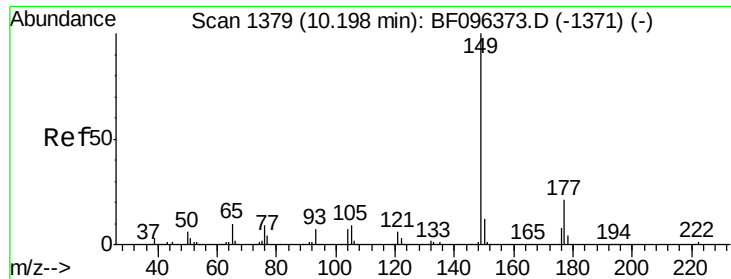
Tot Ion:166 Resp: 510216
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.23 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion:232 Resp: 128998
 Ion Ratio Lower Upper
 232 100
 131 56.4 44.8 67.2
 130 2.3 2.3 3.5#
 166 34.9 29.0 43.4

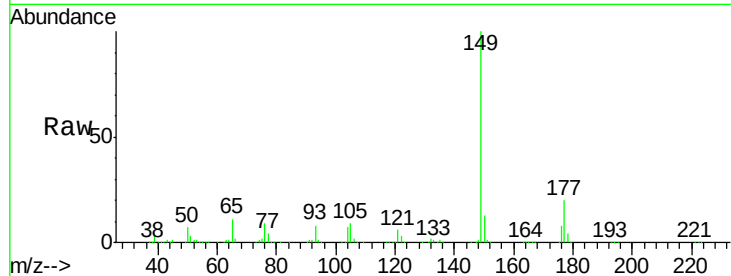




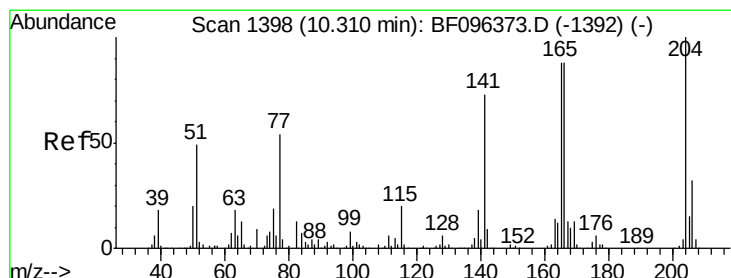
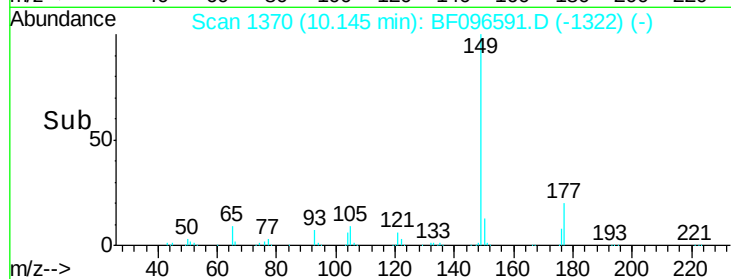
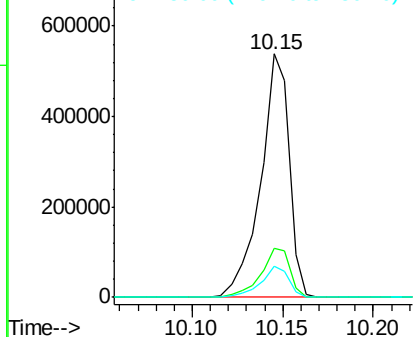
#59
Diethylphthalate
Concen: 40.19 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 588600
Ion Ratio Lower Upper
149 100
177 20.1 16.7 25.1
150 12.7 10.2 15.2

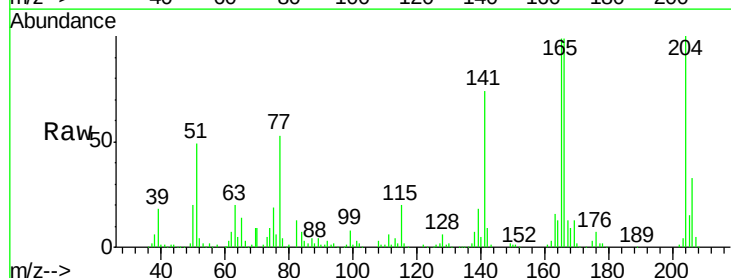


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

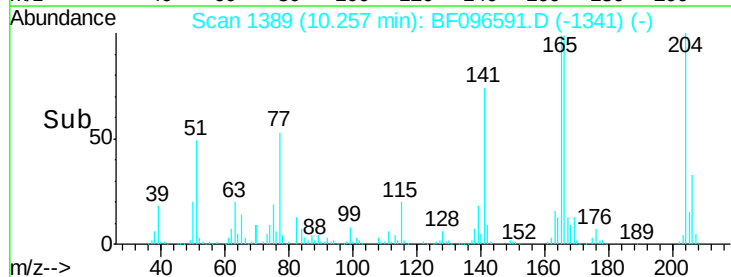
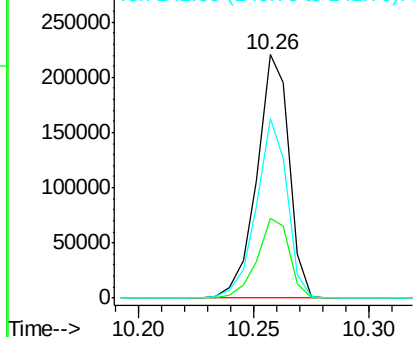


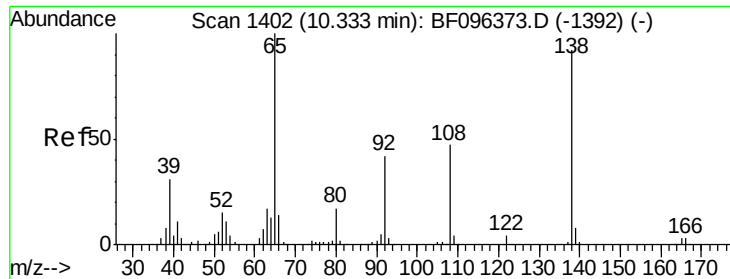
#60
4-Chlorophenyl-phenylether
Concen: 40.91 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion:204 Resp: 214811
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 73.6 60.8 91.2



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

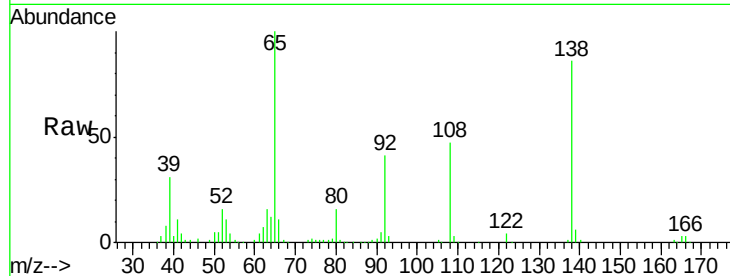




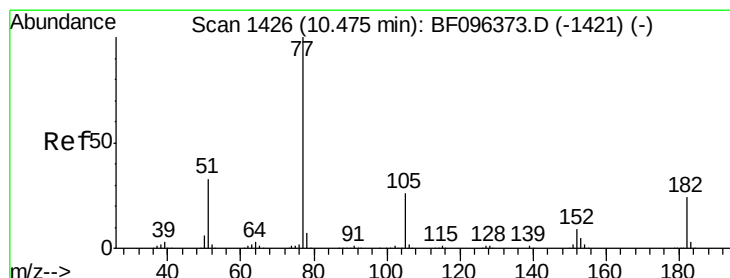
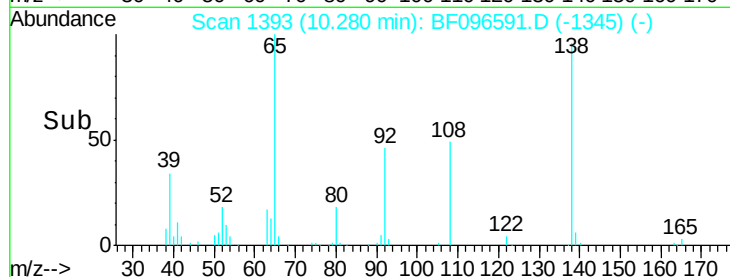
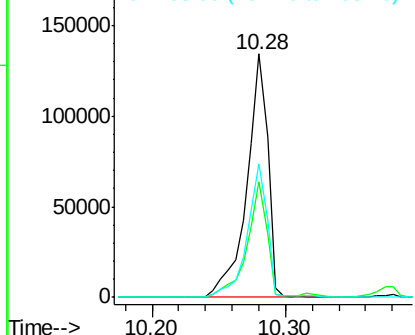
#61
4-Nitroaniline
Concen: 37.15 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 144344
Ion Ratio Lower Upper
138 100
92 47.6 21.8 61.8
108 55.0 42.3 82.3

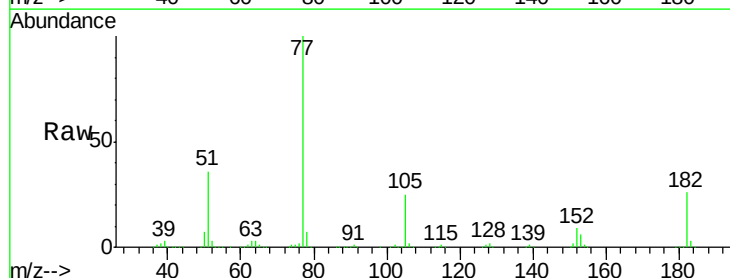


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

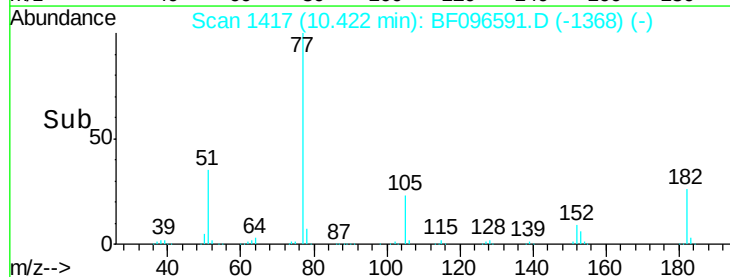
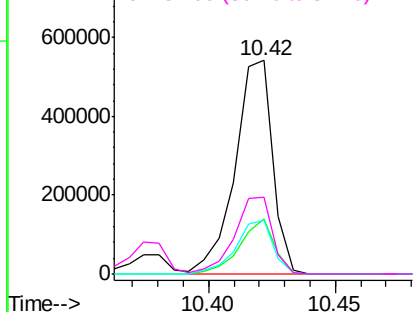


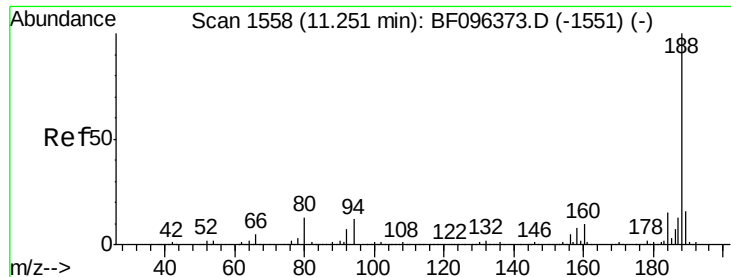
#62
Azobenzene
Concen: 39.34 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion: 77 Resp: 557064
Ion Ratio Lower Upper
77 100
182 26.0 0.1 40.1
105 24.9 3.6 43.6
51 35.8 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

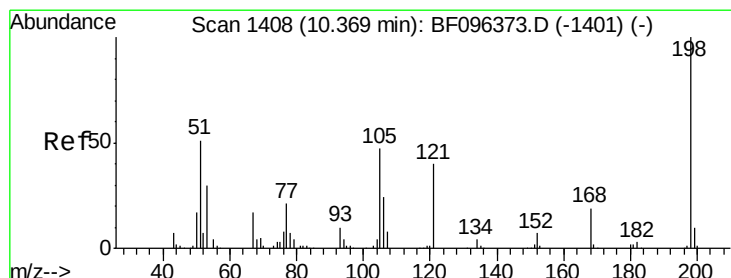
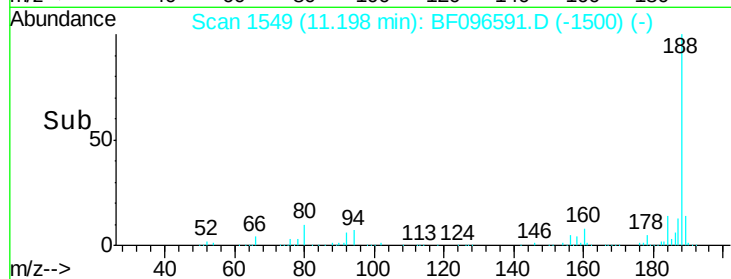
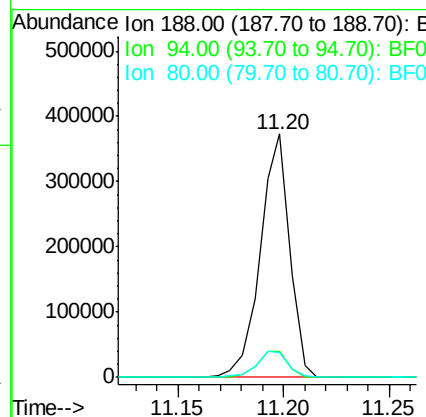
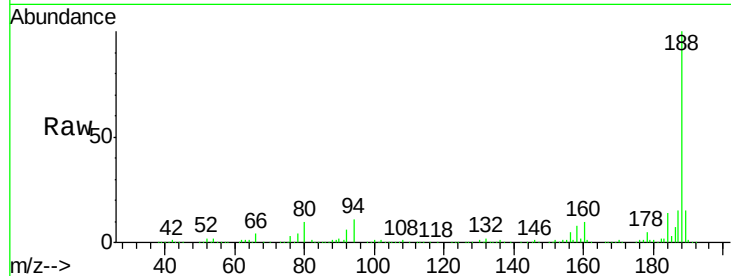




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

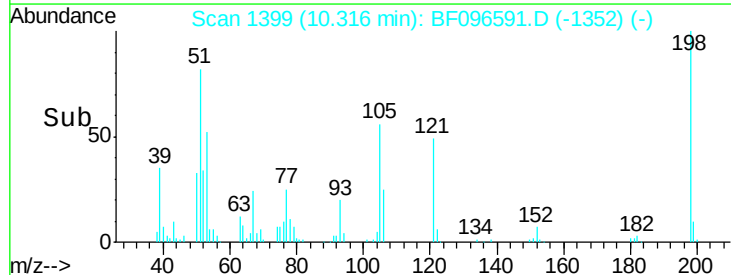
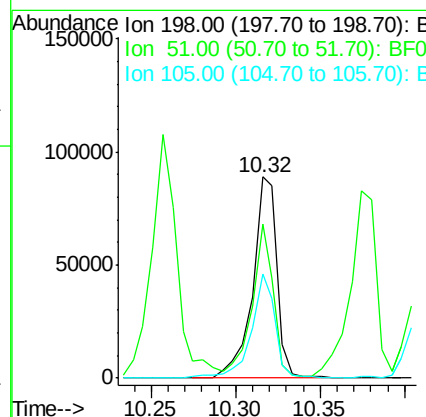
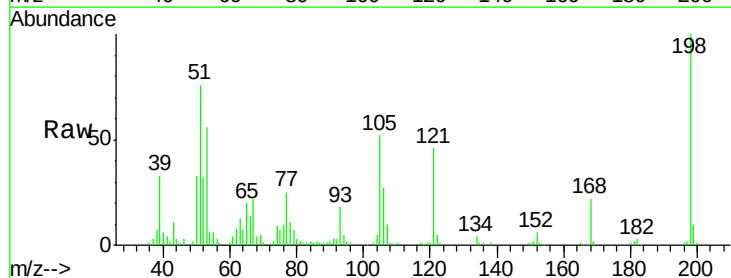
Instrument :
 BNA_F
 ClientSampled :

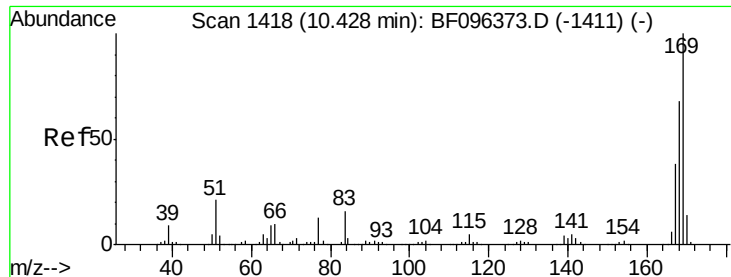
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.1	10.2	15.2#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.27 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
198	100		
51	76.4	53.2	93.2
105	52.0	45.8	85.8

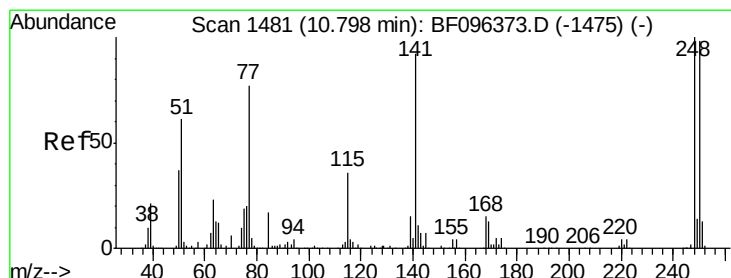
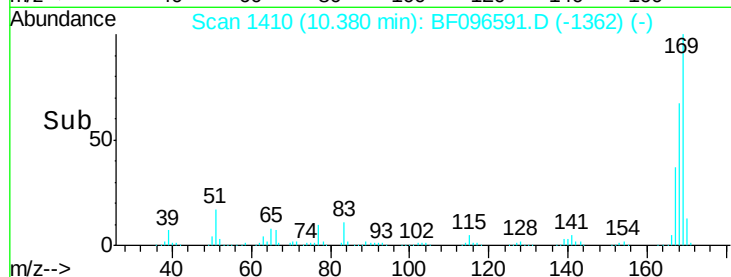
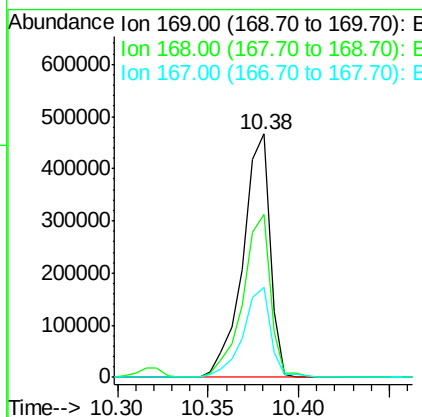
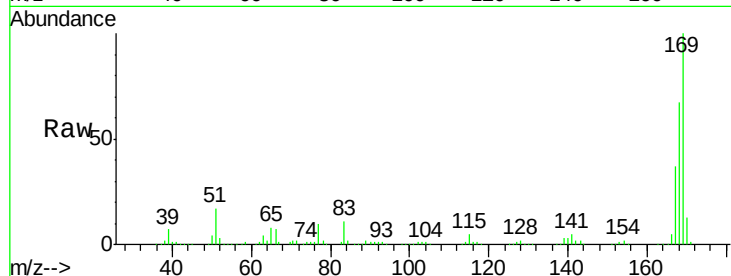




#65
 n-Nitrosodiphenylamine
 Concen: 38.54 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

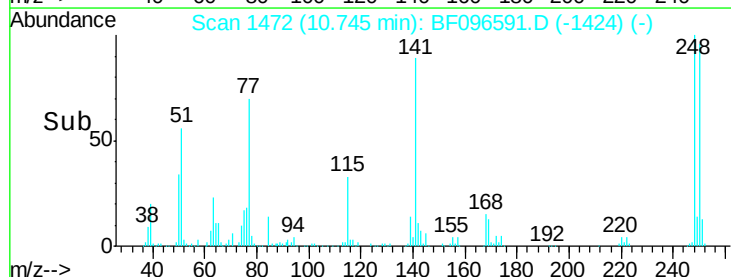
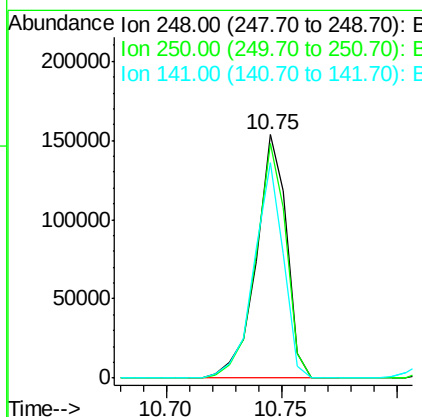
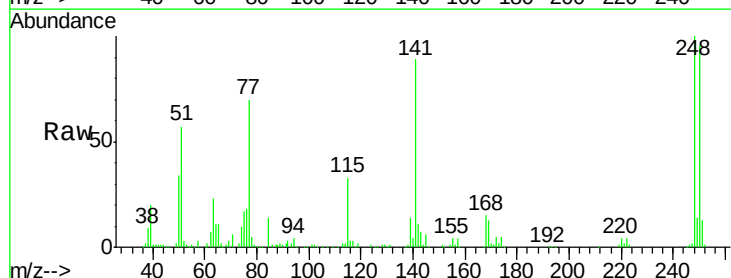
Instrument :
 BNA_F
 ClientSampleId :

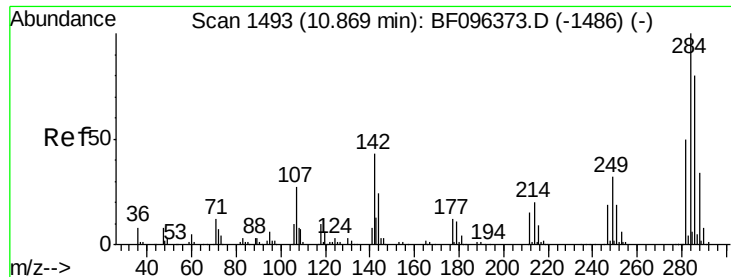
Tot Ion:169 Resp: 487084
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 36.8 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.06 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion:248 Resp: 140456
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.8 115.2
 141 88.8 68.6 103.0





#67

Hexachlorobenzene

Concen: 38.63 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

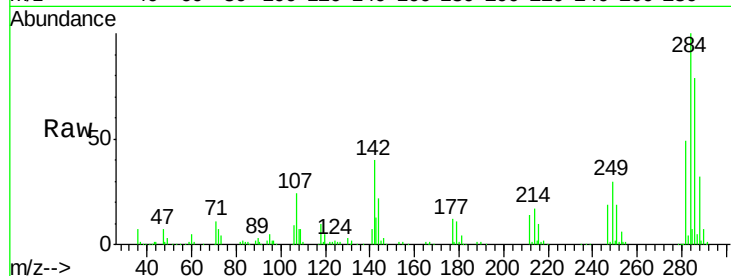
Tot Ion:284 Resp: 148277

Ion Ratio Lower Upper

284 100

142 40.1 22.8 34.2#

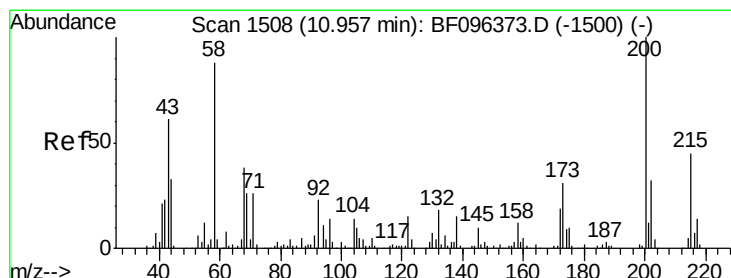
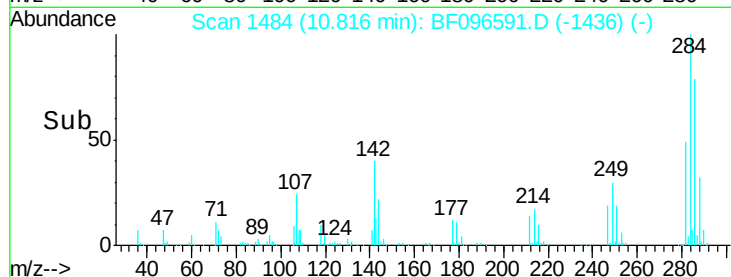
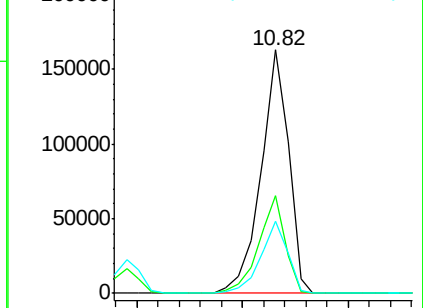
249 29.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.69 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

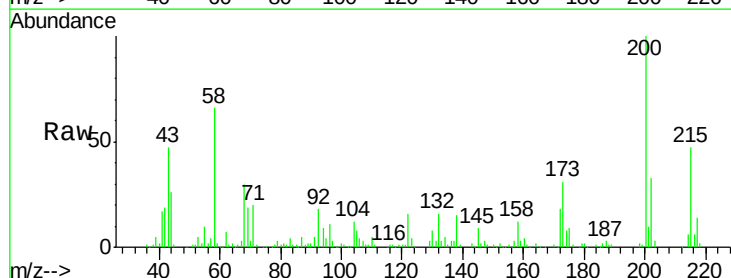
Tgt Ion:200 Resp: 143299

Ion Ratio Lower Upper

200 100

173 30.5 6.3 46.3

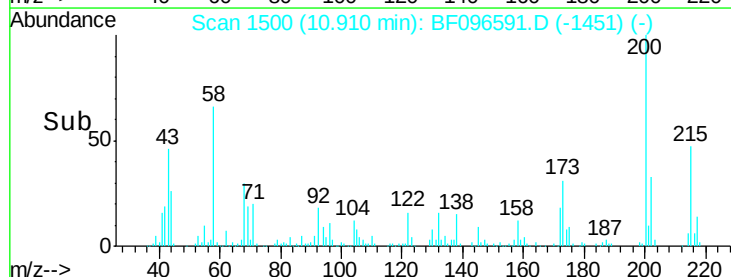
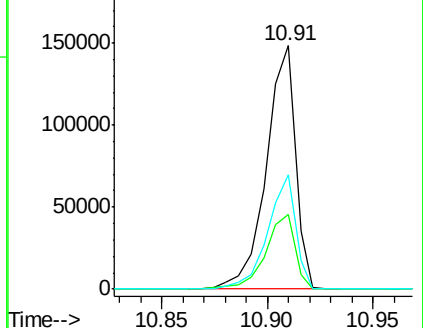
215 47.2 27.2 67.2

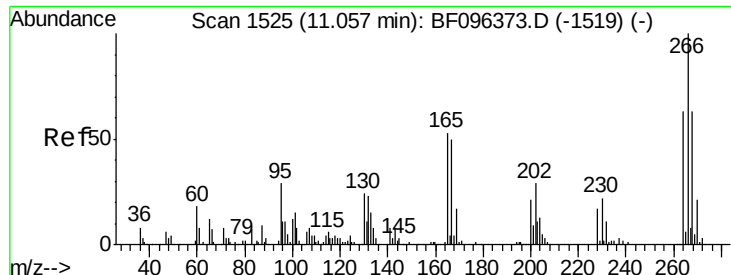


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

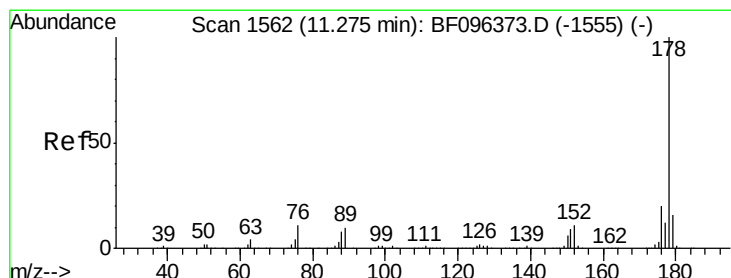
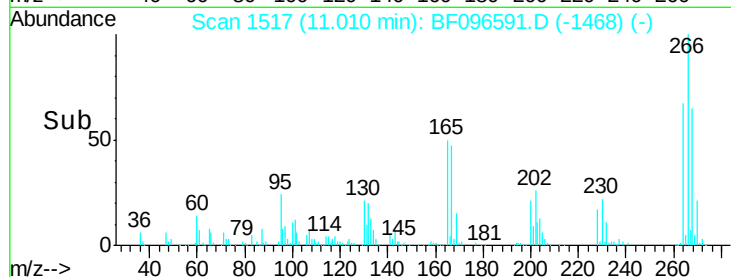
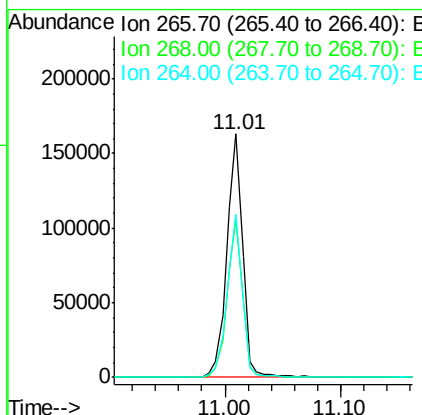
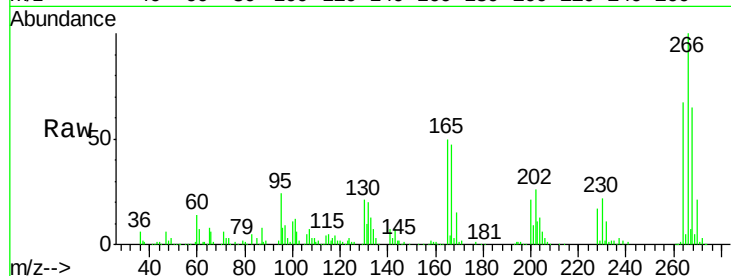




#69
 Pentachlorophenol
 Concen: 68.18 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

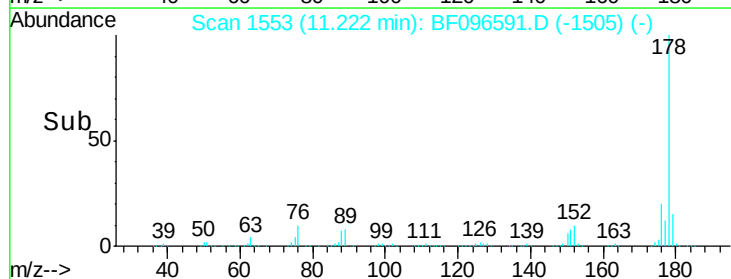
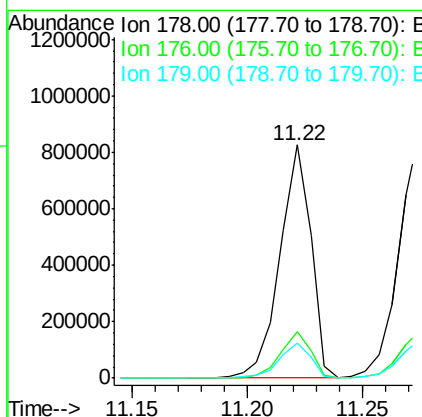
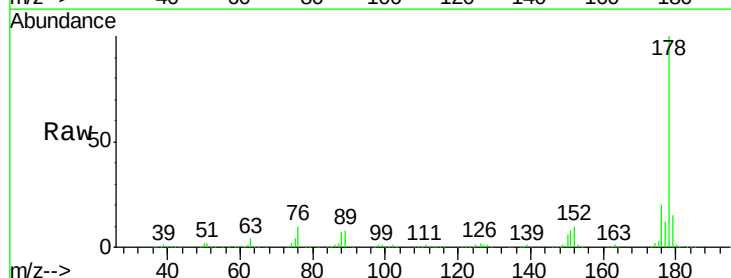
Instrument :
 BNA_F
 ClientSampled :

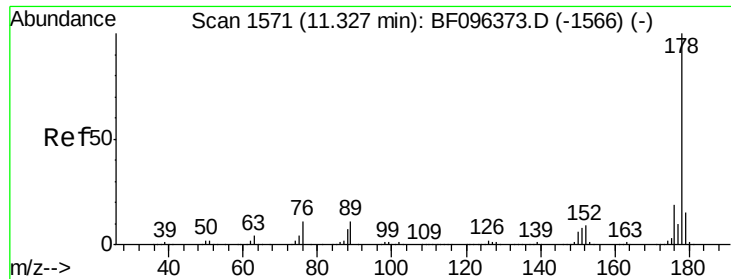
Tot Ion:266 Resp: 155107
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 67.2 51.7 77.5



#70
 Phenanthrene
 Concen: 39.33 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion:178 Resp: 765914
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.2 12.6 19.0

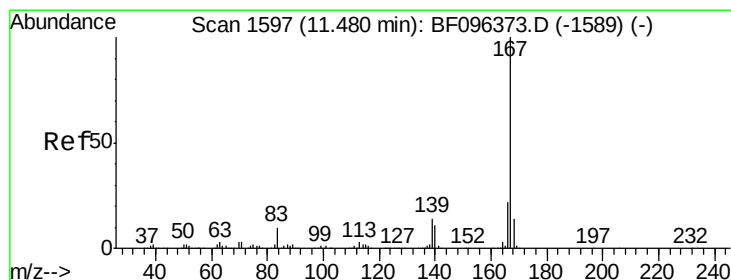
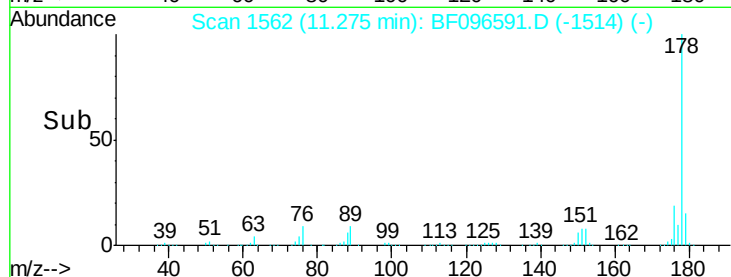
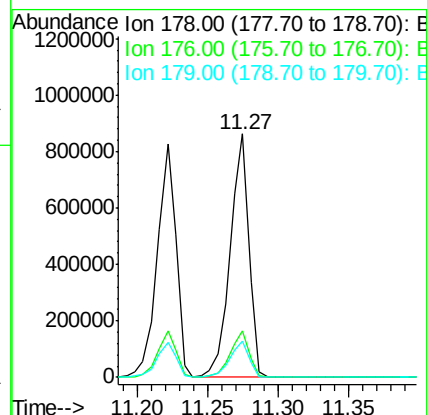
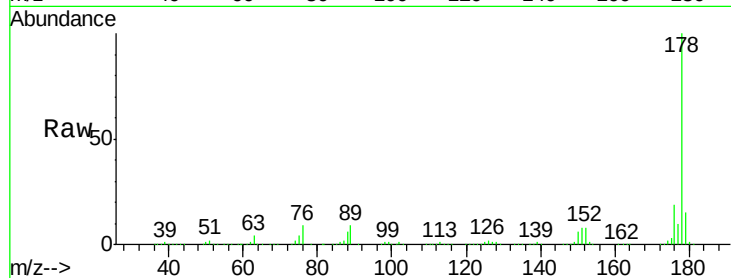




#71
 Anthracene
 Concen: 40.09 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

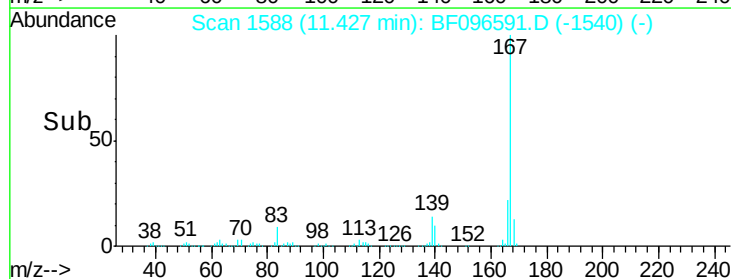
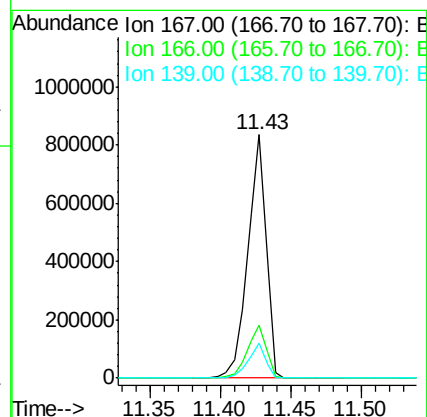
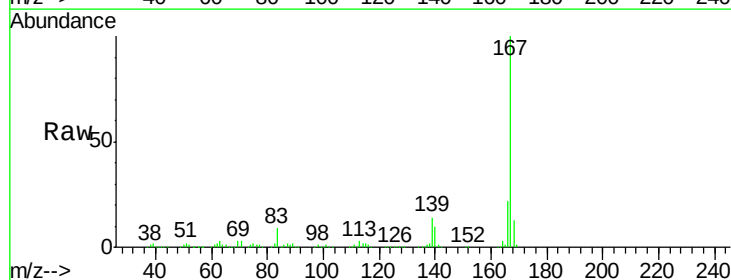
Instrument :
 BNA_F
 ClientSampleId :

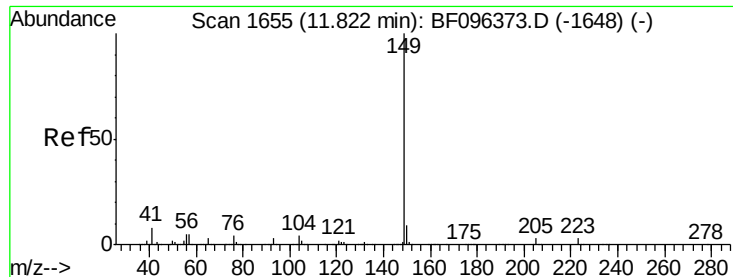
Tot Ion:178 Resp: 795401
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 37.87 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096591.D
 Acq: 10 Jul 2017 10:45

Tgt Ion:167 Resp: 755697
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.62 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

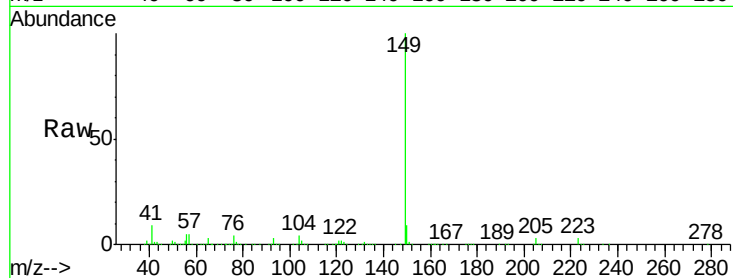
Tot Ion:149 Resp: 933503

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

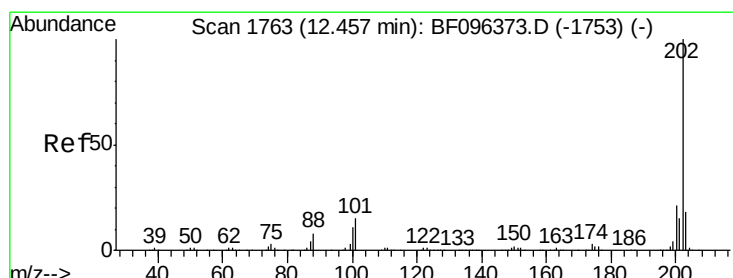
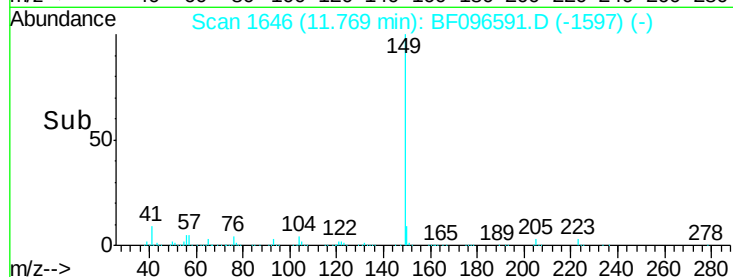
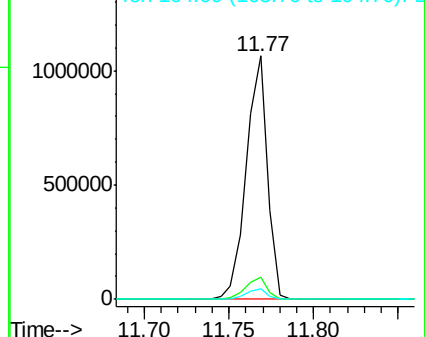
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.73 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

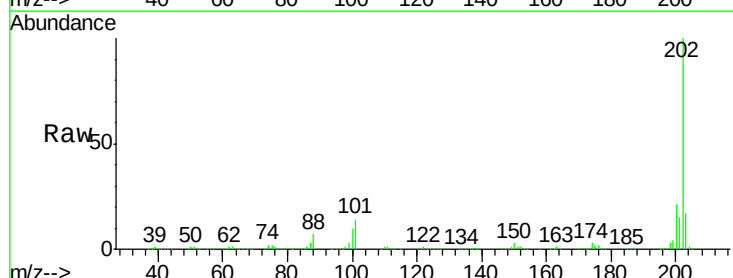
Tgt Ion:202 Resp: 796573

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

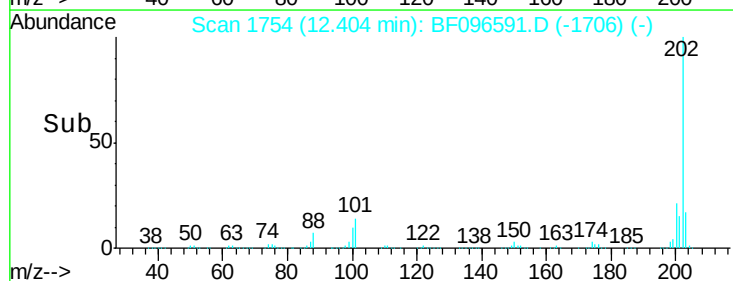
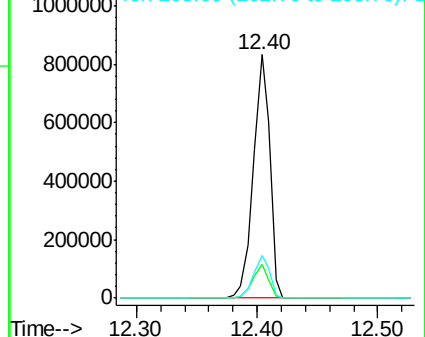
203 17.3 0.0 38.1

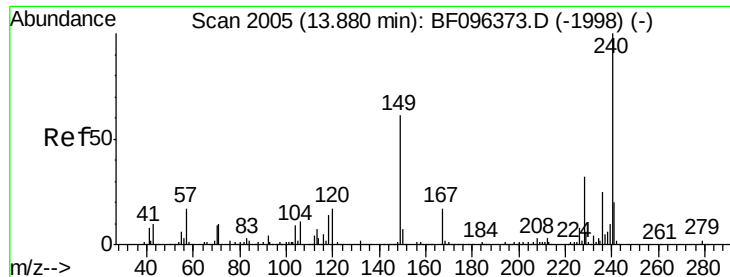


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096591.D

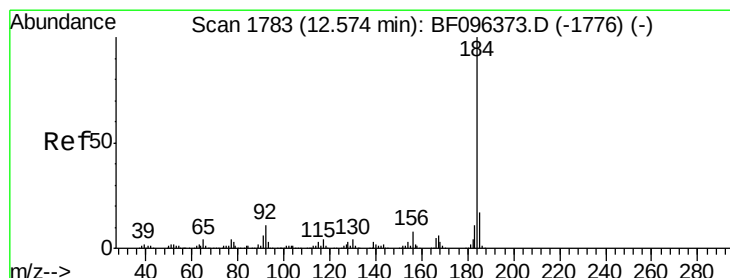
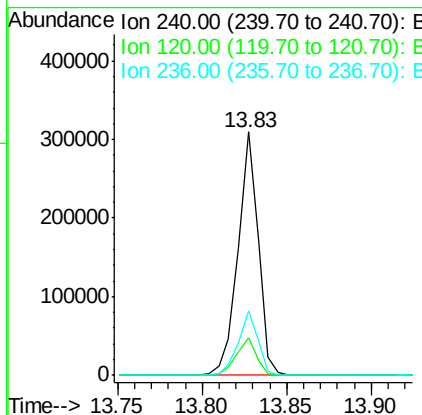
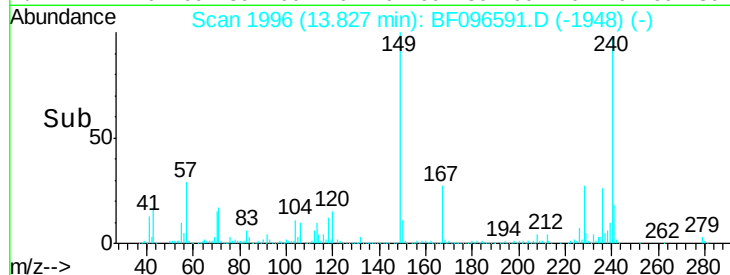
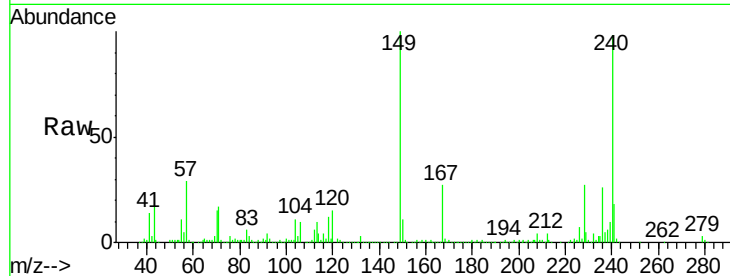
Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 257259
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 26.3 20.5 30.7



#76

Benzidine

Concen: 21.55 ng

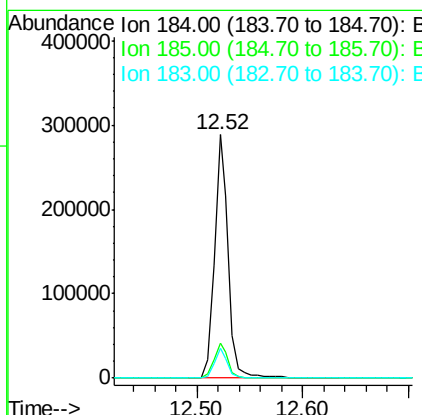
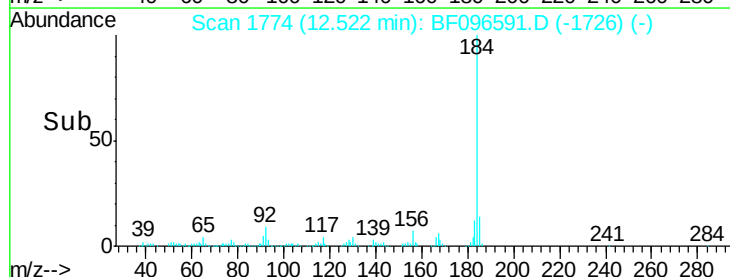
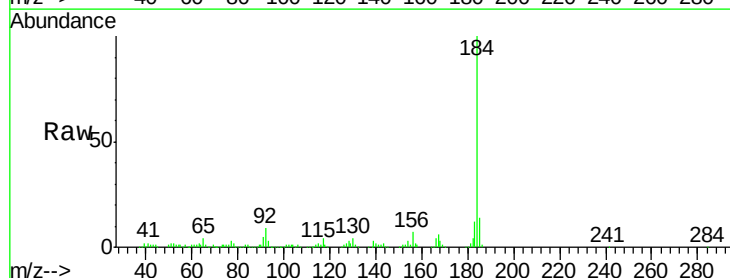
RT: 12.52 min Scan# 1774

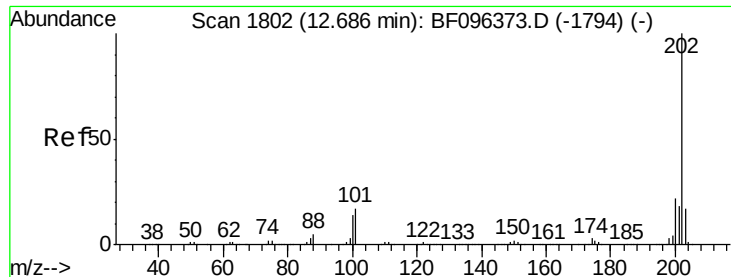
Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Tgt Ion:184 Resp: 265998
 Ion Ratio Lower Upper
 184 100
 185 14.4 15.5 23.3#
 183 12.1 9.8 14.6





#77

Pvrene

Concen: 39.48 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

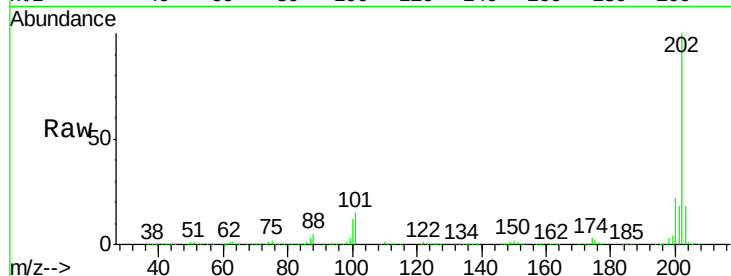
Tot Ion:202 Resp: 815227

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

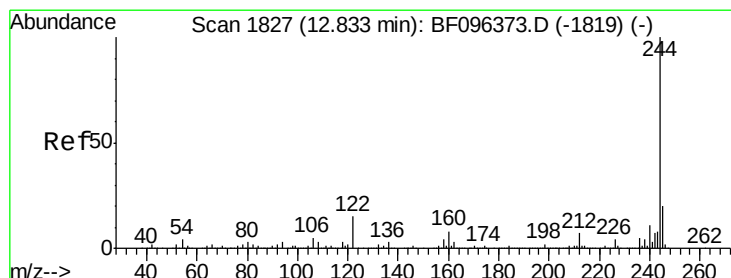
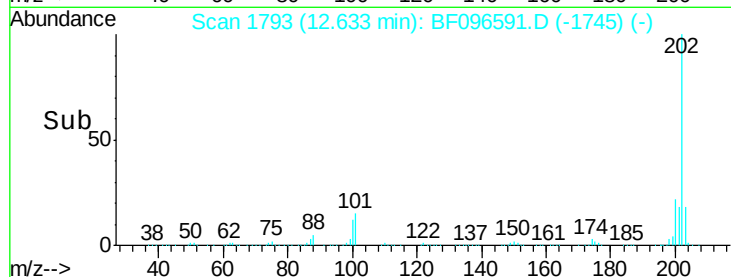
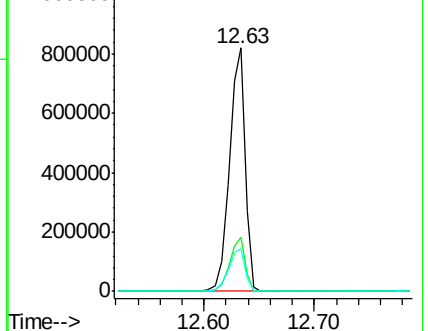
203 17.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.01 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

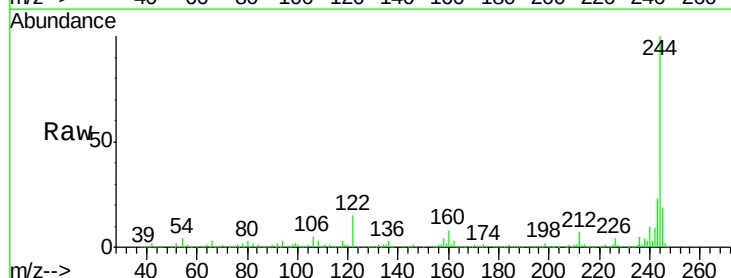
Tgt Ion:244 Resp: 879044

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

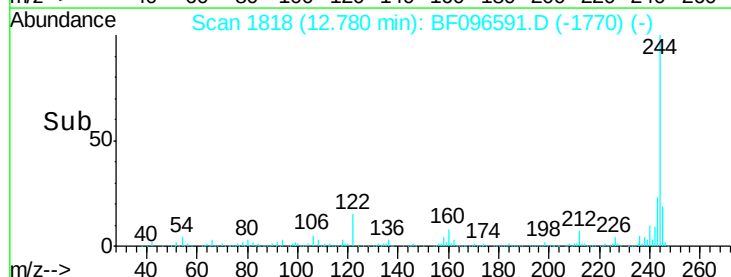
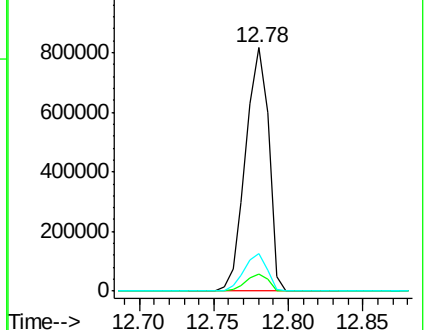
122 15.2 10.3 15.5

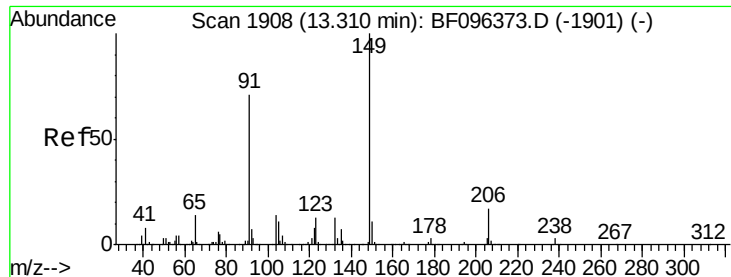


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.17 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

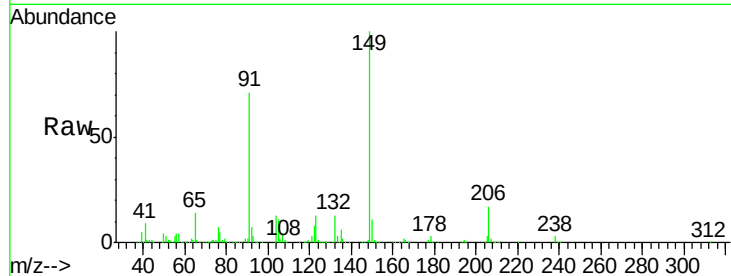
Tot Ion:149 Resp: 419858

Ion Ratio Lower Upper

149 100

91 71.4 45.0 67.4#

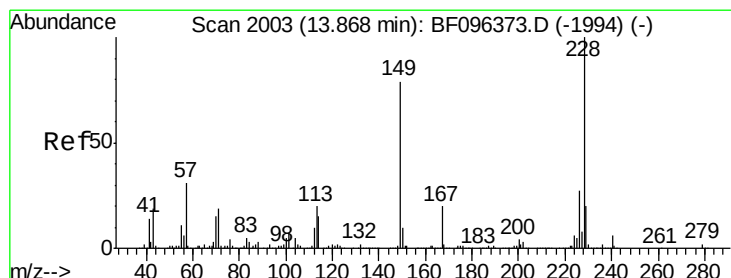
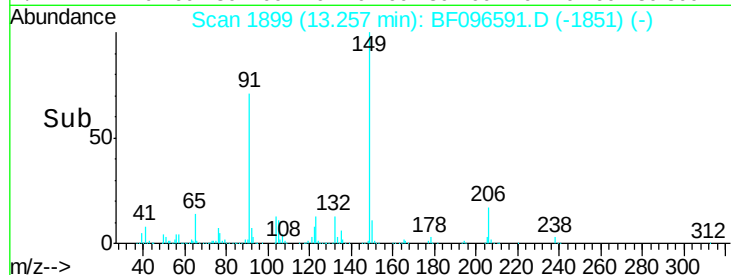
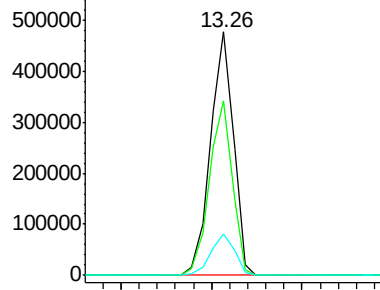
206 17.0 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.08 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

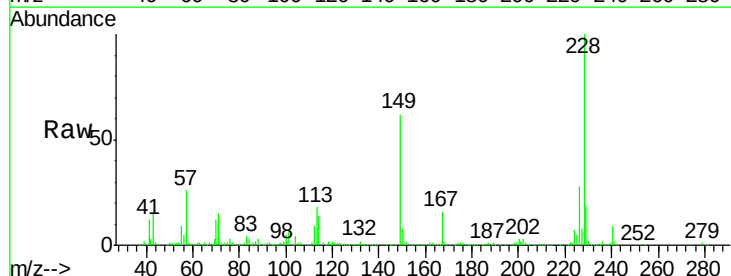
Tgt Ion:228 Resp: 612005

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

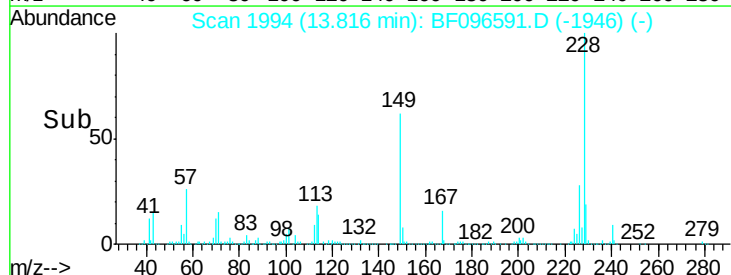
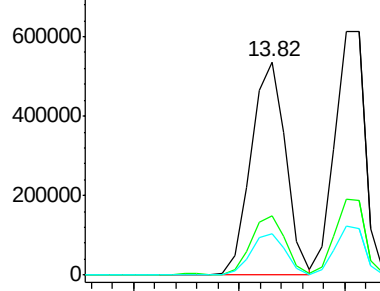
229 19.2 16.3 24.5

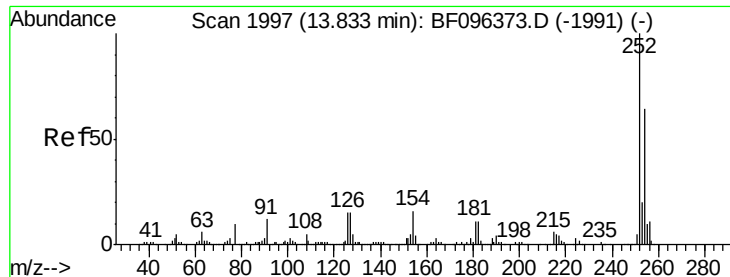


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 26.63 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

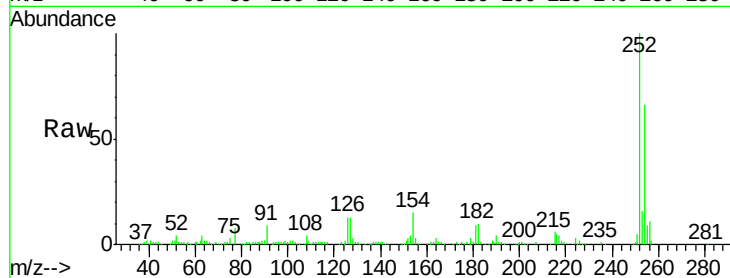
Tot Ion:252 Resp: 162928

Ion Ratio Lower Upper

252 100

254 66.4 51.5 77.3

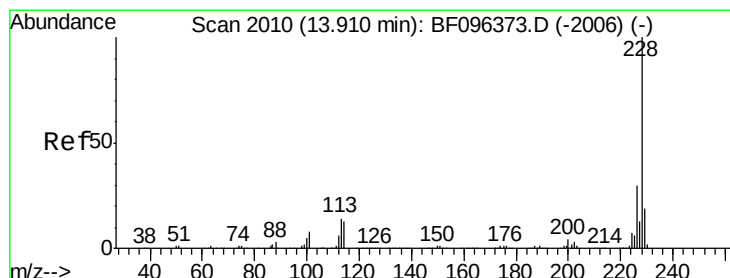
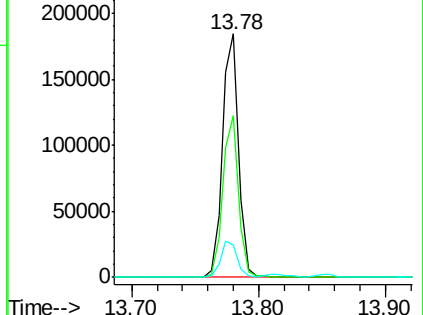
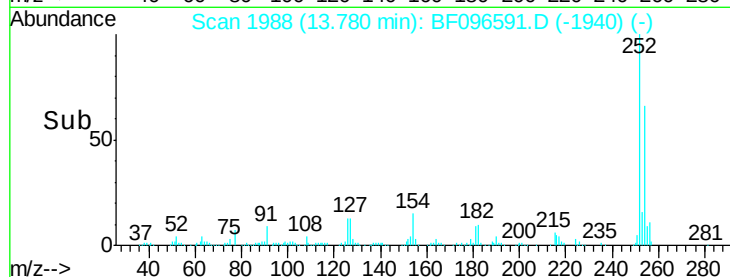
126 13.3 15.8 23.8#



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: 39.71 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

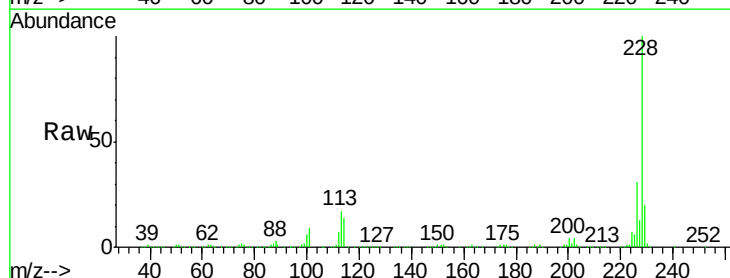
Tgt Ion:228 Resp: 619447

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

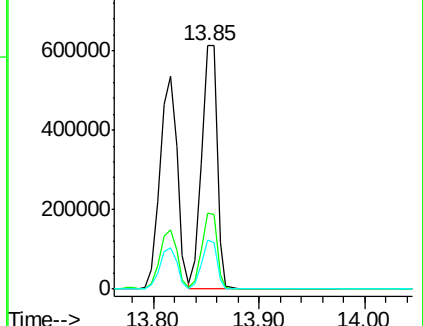
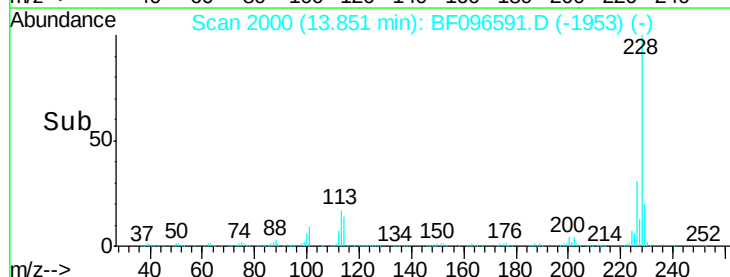
229 20.1 15.8 23.6

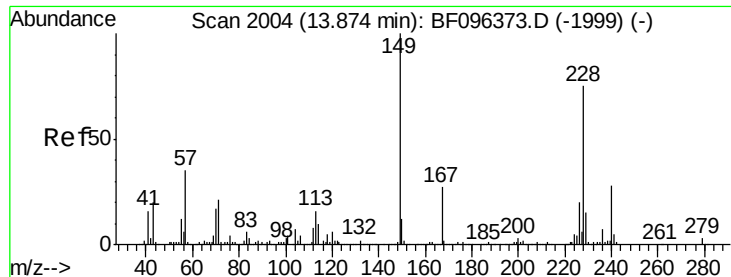


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.63 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

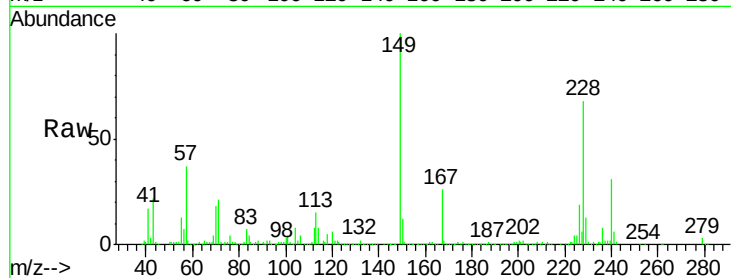
Tot Ion:149 Resp: 474110

Ion Ratio Lower Upper

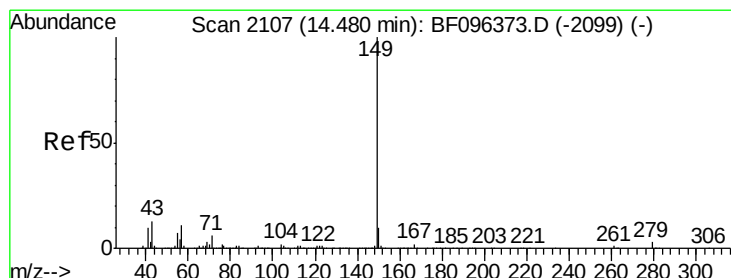
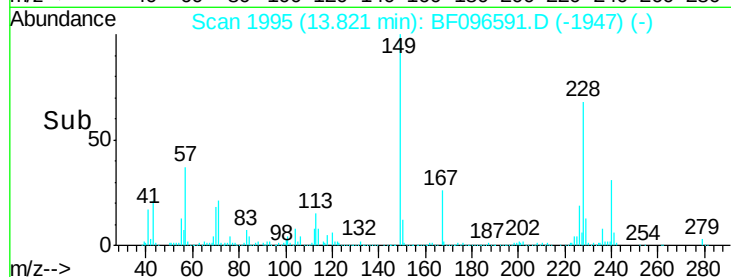
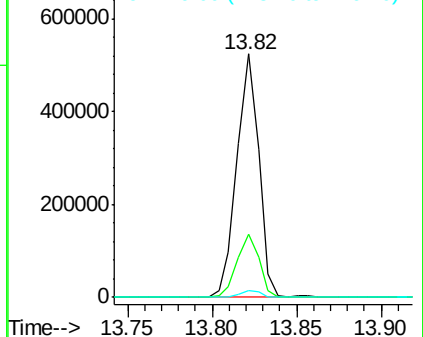
149 100

167 25.7 21.0 31.4

279 2.7 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: 40.12 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

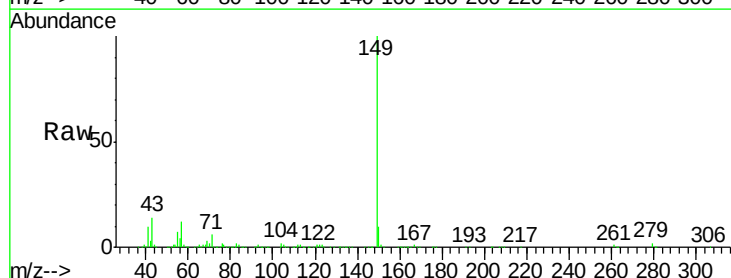
Tgt Ion:149 Resp: 921866

Ion Ratio Lower Upper

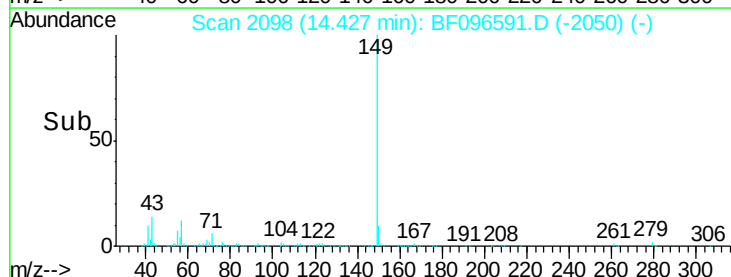
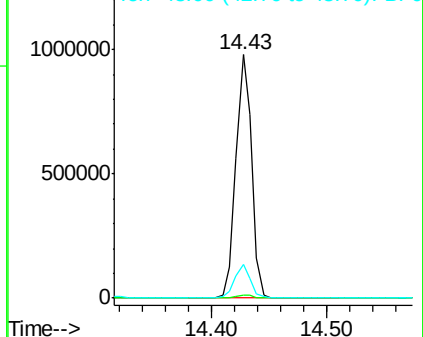
149 100

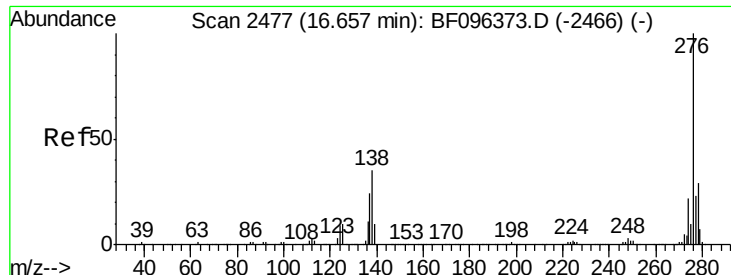
167 1.5 1.2 1.8

43 13.0 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

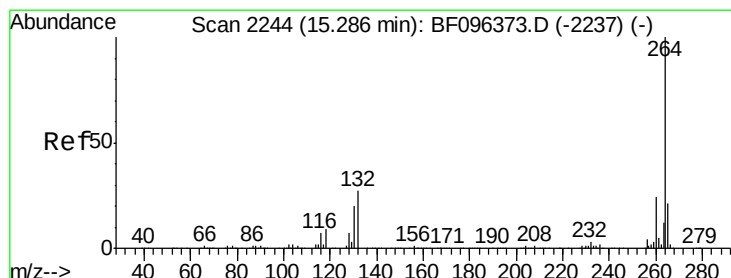
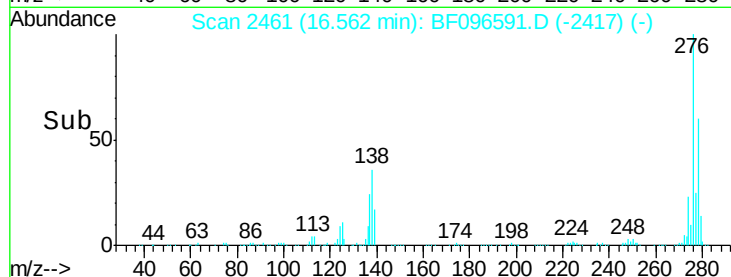
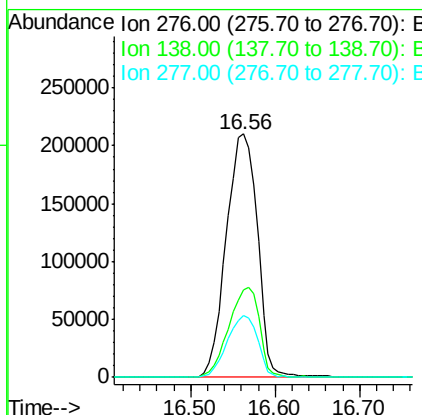
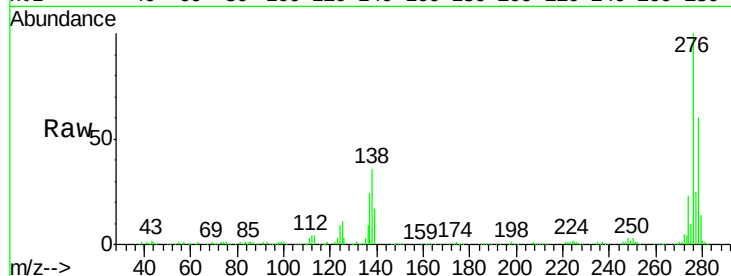




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.48 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.04 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

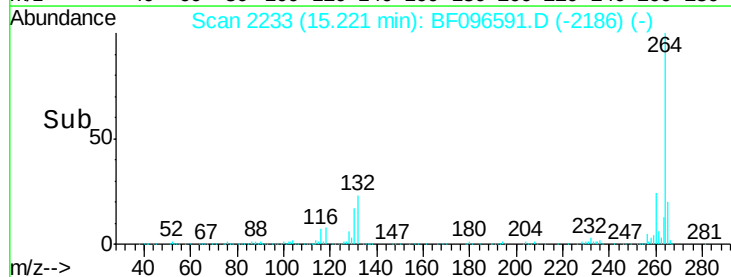
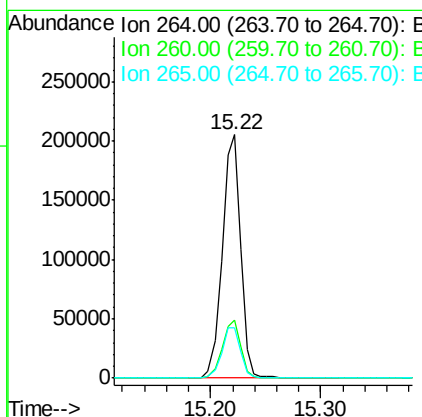
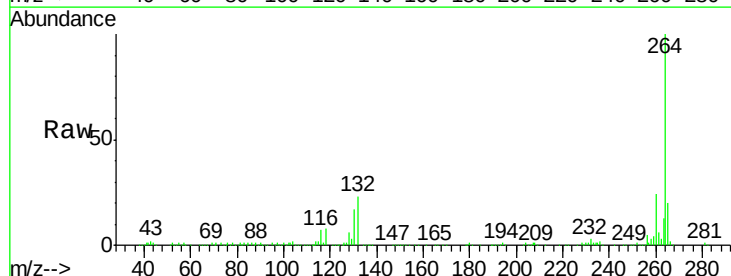
Instrument :
BNA_F
ClientSampleId :

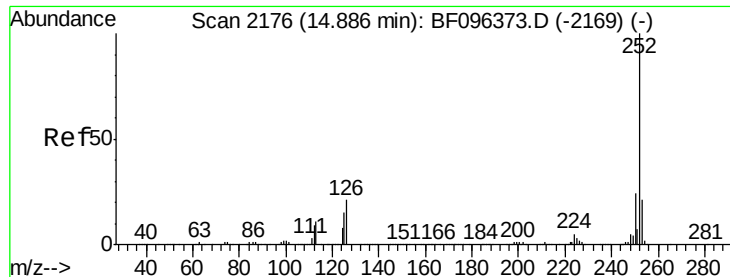
Tot Ion:276 Resp: 535444
Ion Ratio Lower Upper
276 100
138 36.3 27.8 41.6
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion:264 Resp: 237797
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 20.4 17.2 25.8

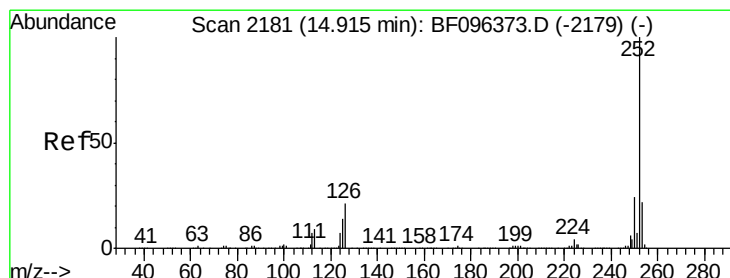
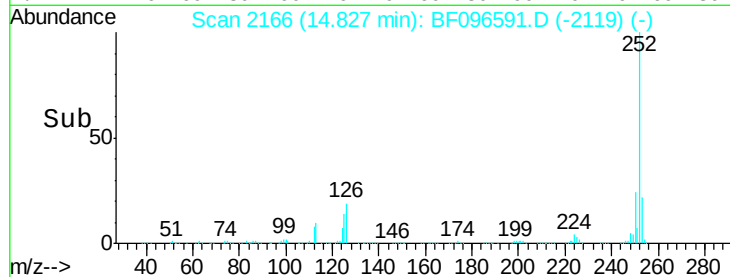
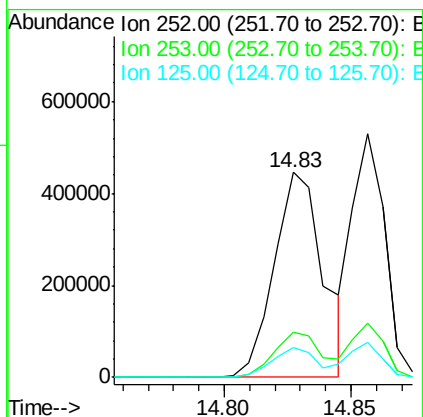
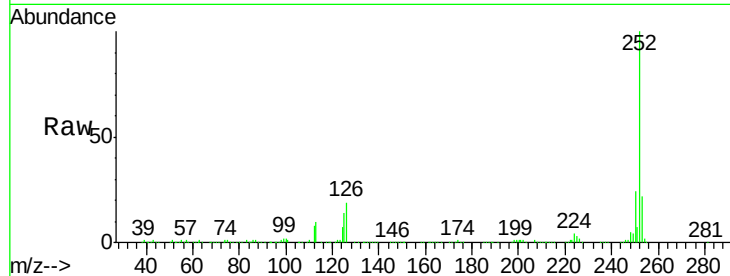




#87
Benzo(b)fluoranthene
Concen: 40.12 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

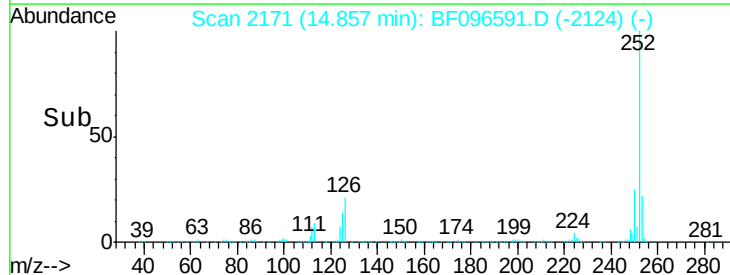
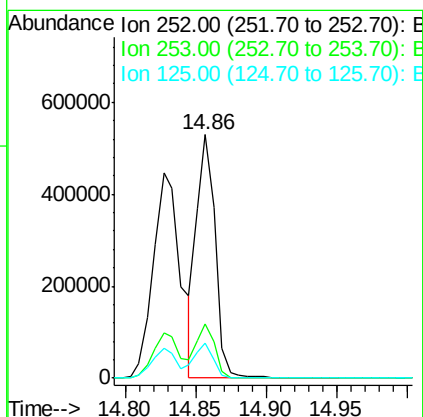
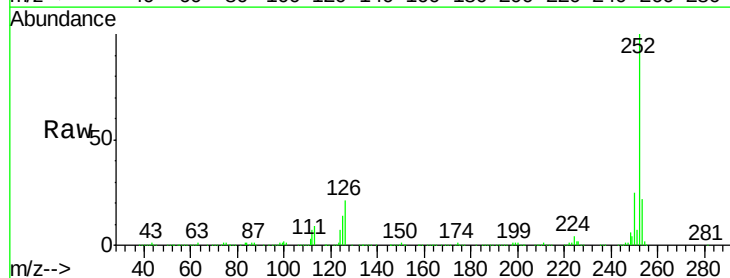
Instrument :
BNA_F
ClientSampleId :

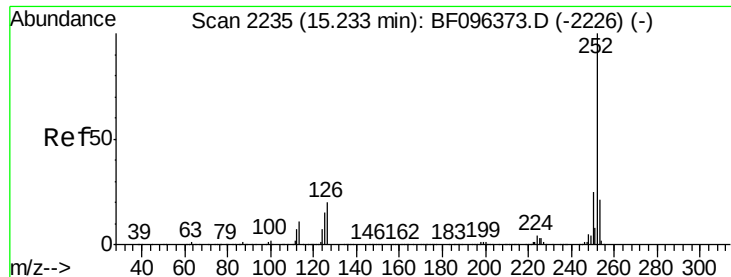
Tot Ion:252 Resp: 597850
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 14.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 36.17 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion:252 Resp: 482092
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 14.1 13.1 19.7

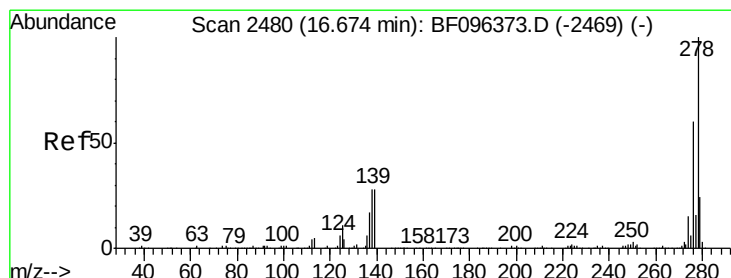
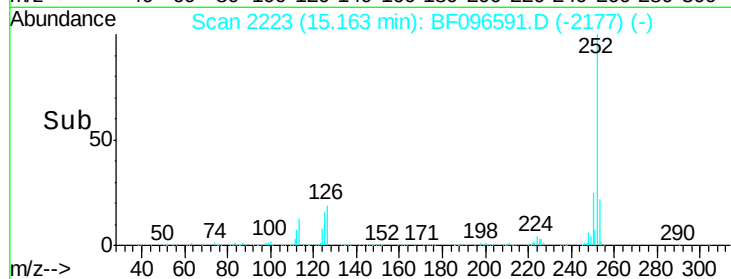
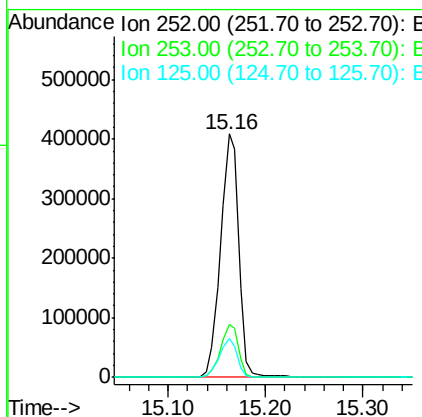
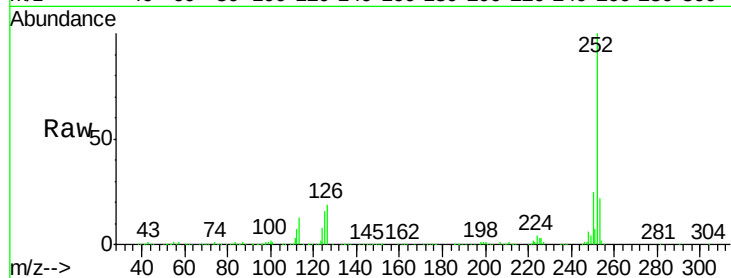




#89
Benzo(a)pyrene
Concen: 39.78 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

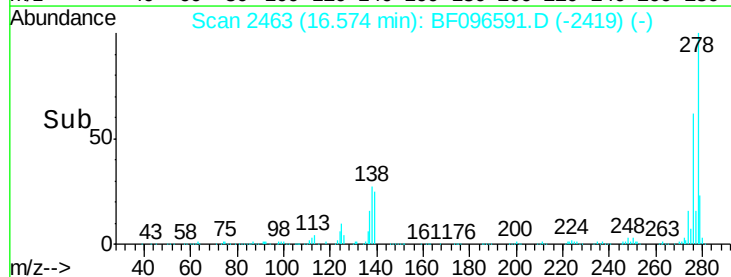
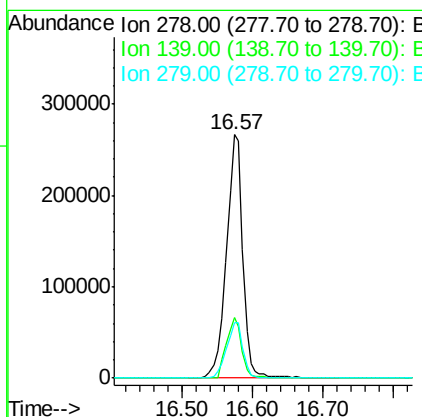
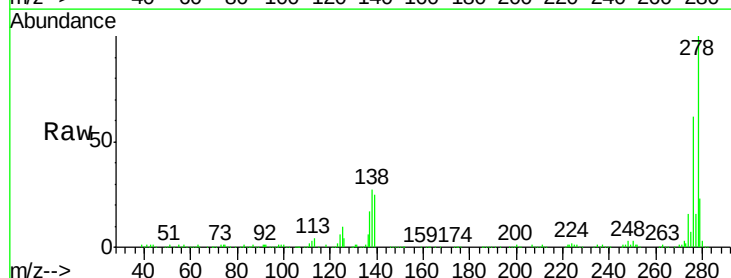
Instrument :
BNA_F
ClientSampled :

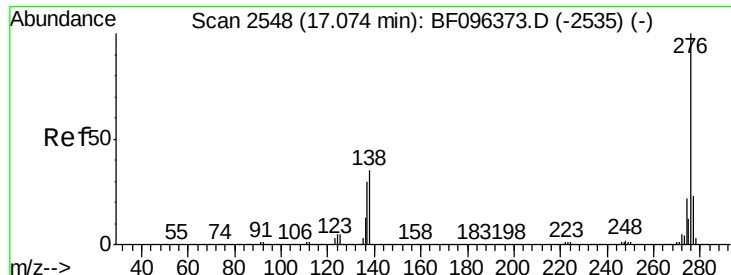
Tot Ion:252 Resp: 529147
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 15.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 41.16 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.04 min
Lab File: BF096591.D
Acq: 10 Jul 2017 10:45

Tgt Ion:278 Resp: 430729
Ion Ratio Lower Upper
278 100
139 24.8 16.6 24.8
279 23.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 43.23 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.04 min

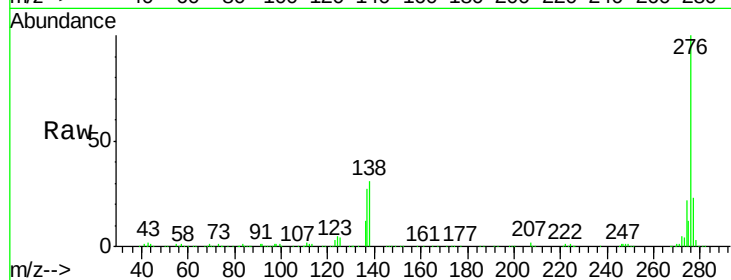
Lab File: BF096591.D

Acq: 10 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :



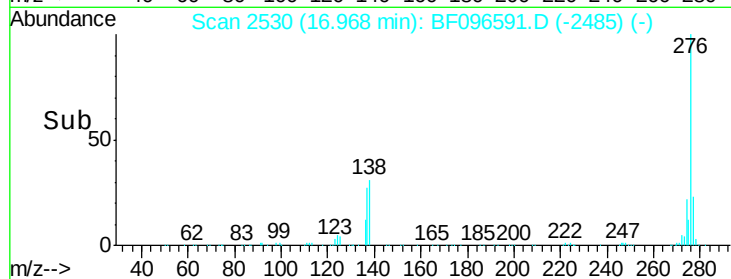
Tot Ion: 276 Resp: 468797

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 31.4 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

