

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096595.D
 Acq On : 10 Jul 2017 12:34
 Operator : SJ/JU
 Sample : I4061-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:06:24 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	121132	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	503384	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	228110	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	407597	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	264777	20.00	ng	-0.02
86) Perylene-d12	15.22	264	231914	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	927978	113.07	ng	0.00
7) Phenol-d6	6.33	99	1112903	110.30	ng	-0.01
23) Nitrobenzene-d5	7.25	82	743694	88.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	256299	143.84	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1289081	96.62	ng	-0.02
78) Terphenyl-d14	12.78	244	1063122	85.80	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	113857	29.26	ng	# 66
3) Pyridine	3.18	79	237400	22.23	ng	# 62
4) n-Nitrosodimethylamine	3.10	42	190443	36.14	ng	# 84
6) Aniline	6.35	93	82500	6.33	ng	# 1
8) 2-Chlorophenol	6.47	128	366591	41.89	ng	92
9) Benzaldehyde	6.23	77	64848	10.27	ng	98
10) Phenol	6.35	94	405567	35.28	ng	98
11) bis(2-Chloroethyl)ether	6.43	93	377371	42.48	ng	92
12) 1,3-Dichlorobenzene	6.63	146	357262	38.93	ng	99
13) 1,4-Dichlorobenzene	6.70	146	366226	39.93	ng	96
14) 1,2-Dichlorobenzene	6.86	146	341371	40.54	ng	98
15) Benzyl Alcohol	6.83	79	298542	44.27	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	778847	43.13	ng	93
17) 2-Methylphenol	6.95	107	309311	44.35	ng	97
18) Hexachloroethane	7.20	117	129440	38.93	ng	# 81
19) n-Nitroso-di-n-propylamine	7.11	70	249627	41.53	ng	# 84
20) 3+4-Methylphenols	7.10	107	357372	45.94	ng	93
22) Acetophenone	7.10	105	500502	45.50	ng	# 97
24) Nitrobenzene	7.27	77	383466	43.63	ng	91
25) Isophorone	7.52	82	724064	44.58	ng	96
26) 2-Nitrophenol	7.59	139	216388	46.52	ng	89
27) 2,4-Dimethylphenol	7.63	122	350054	44.20	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	477858	44.57	ng	100
29) 2,4-Dichlorophenol	7.83	162	323938	47.41	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	288231	44.71	ng	97
31) Naphthalene	7.99	128	1079178	45.41	ng	99
32) Benzoic acid	7.77	122	257753	38.75	ng	92
33) 4-Chloroaniline	8.04	127	90593	9.18	ng	94
34) Hexachlorobutadiene	8.11	225	144937	43.84	ng	97
35) Caprolactam	8.42	113	67263	28.54	ng	# 64
36) 4-Chloro-3-methylphenol	8.53	107	344758	45.60	ng	88
37) 2-Methylnaphthalene	8.68	142	741737	49.03	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	248127	41.89	ng	98
40) Hexachlorocyclopentadiene	8.84	237	255191	88.61	ng	100

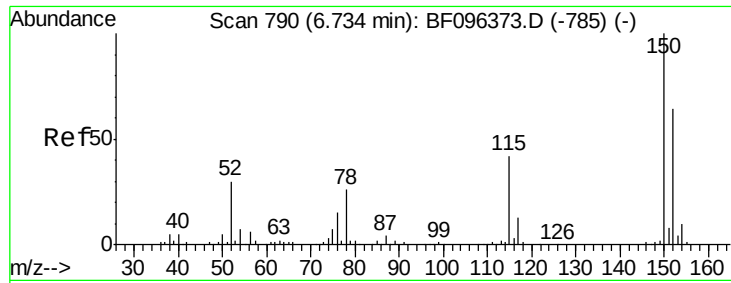
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096595.D
 Acq On : 10 Jul 2017 12:34
 Operator : SJ/JU
 Sample : I4061-03MS
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Quant Time: Jul 11 01:06:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA 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	207403	44.26	ng	98
43) 2,4,5-Trichlorophenol	9.00	196	216452	46.72	ng	98
45) 1,1'-Biphenyl	9.15	154	821748	42.04	ng	97
46) 2-Chloronaphthalene	9.17	162	643552	44.18	ng	94
47) 2-Nitroaniline	9.26	65	239153	45.12	ng	95
48) Acenaphthylene	9.58	152	1044408	45.25	ng	99
49) Dimethylphthalate	9.45	163	793542	46.60	ng	99
50) 2,6-Dinitrotoluene	9.51	165	176432	46.85	ng	92
51) Acenaphthene	9.75	154	608407	42.77	ng	99
52) 3-Nitroaniline	9.67	138	95546	20.34	ng	# 90
53) 2,4-Dinitrophenol	9.79	184	188300	94.15	ng	# 70
54) Dibenzofuran	9.93	168	904949	48.18	ng	99
55) 4-Nitrophenol	9.85	139	306957	78.85	ng	# 72
56) 2,4-Dinitrotoluene	9.91	165	241188	50.58	ng	# 75
57) Fluorene	10.27	166	655236	49.39	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	172566	53.84	ng	96
59) Diethylphthalate	10.15	149	768989	47.78	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	273706	47.42	ng	93
61) 4-Nitroaniline	10.29	138	185527	43.44	ng	91
62) Azobenzene	10.42	77	757617	48.68	ng	93
64) 4,6-Dinitro-2-methylphenol	10.32	198	130911	46.57	ng	82
65) n-Nitrosodiphenylamine	10.38	169	631963	44.19	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	185741	46.81	ng	96
67) Hexachlorobenzene	10.82	284	193306	44.50	ng	# 89
68) Atrazine	10.91	200	180930	44.28	ng	95
69) Pentachlorophenol	11.01	266	217072	84.32	ng	95
70) Phenanthrene	11.22	178	1009032	45.79	ng	99
71) Anthracene	11.27	178	1038076	46.23	ng	99
72) Carbazole	11.43	167	993752	44.01	ng	99
73) Di-n-butylphthalate	11.77	149	1210309	44.25	ng	99
74) Fluoranthene	12.40	202	1021530	47.29	ng	98
76) Benzidine	12.52	184	27980	2.20	ng	98
77) Pyrene	12.63	202	1044551	49.15	ng	99
79) Butylbenzylphthalate	13.26	149	528681	49.14	ng	# 80
80) Benzo(a)anthracene	13.82	228	751485	49.01	ng	98
81) 3,3'-Dichlorobenzidine	13.78	252	131801	20.93	ng	# 96
82) Chrysene	13.86	228	779924	48.57	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	588473	49.00	ng	99
84) Di-n-octyl phthalate	14.43	149	1175544	49.71	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.56	276	598200	47.20	ng	97
87) Benzo(b)fluoranthene	14.83	252	713347	49.09	ng	100
88) Benzo(k)fluoranthene	14.86	252	597888	46.00	ng	97
89) Benzo(a)pyrene	15.17	252	608031	46.87	ng	98
90) Dibenzo(a,h)anthracene	16.58	278	484209	47.44	ng	97
91) Benzo(g,h,i)perylene	16.97	276	539381	51.00	ng	98

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

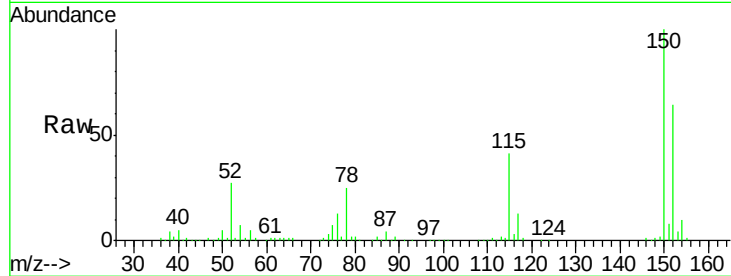


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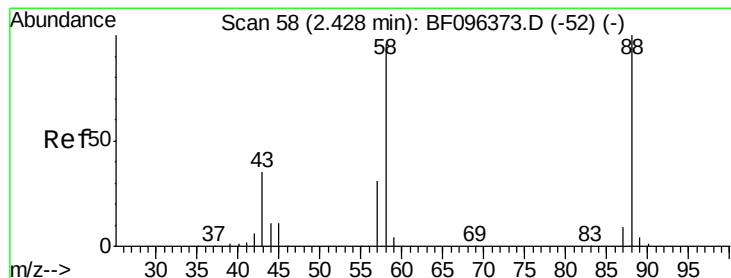
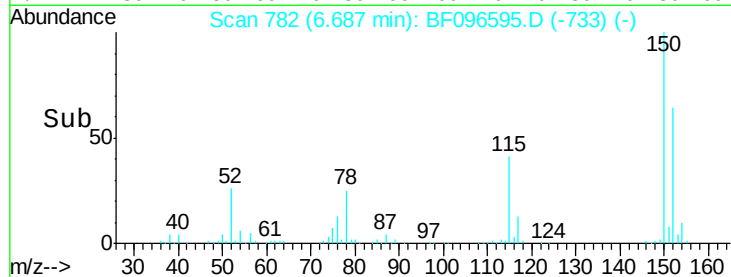
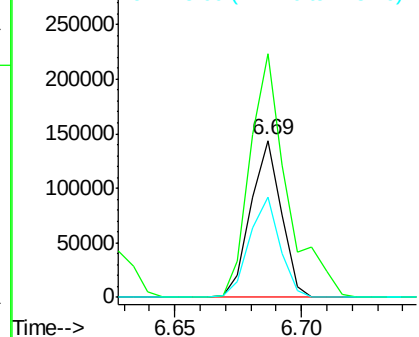
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121132
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 63.9 52.2 78.2



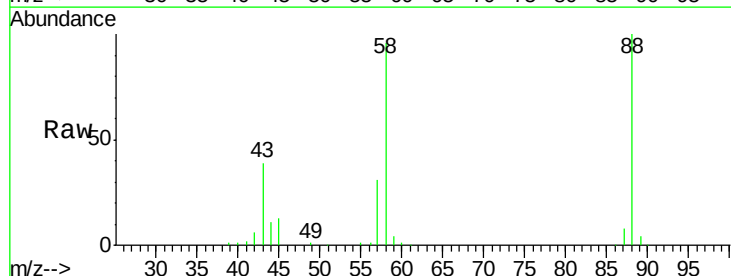
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



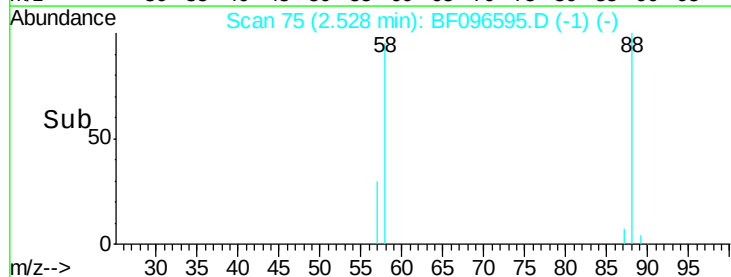
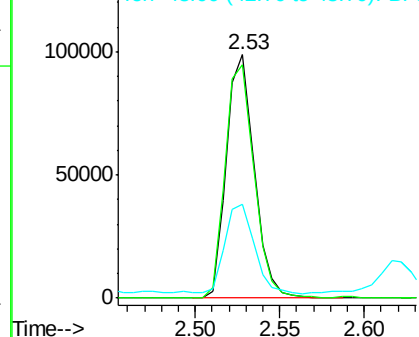
#2

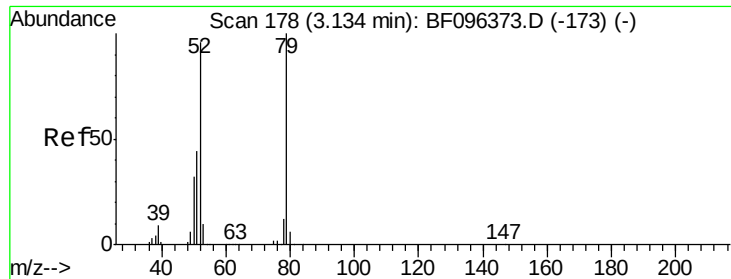
1,4-Dioxane
Concen: 29.26 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.16 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion: 88 Resp: 113857
Ion Ratio Lower Upper
88 100
58 99.6 61.4 92.0#
43 0.0 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: 22.23 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.13 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

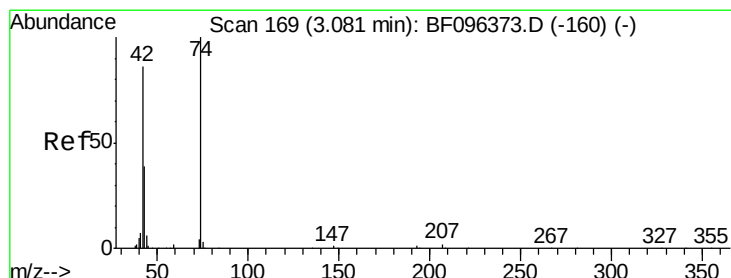
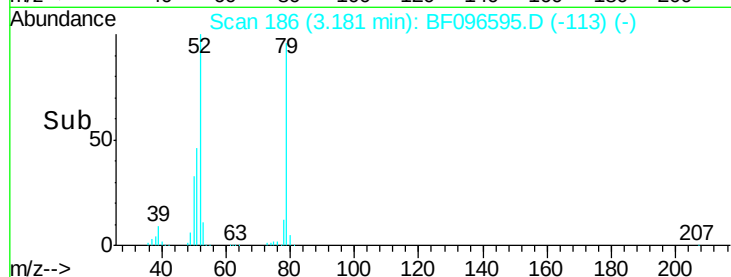
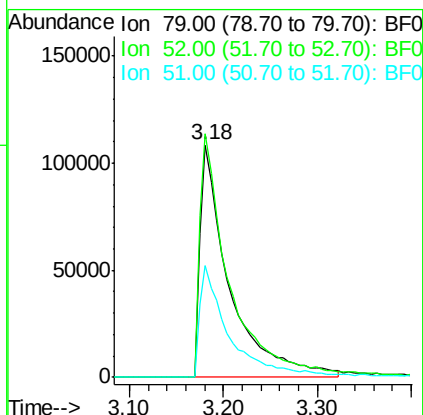
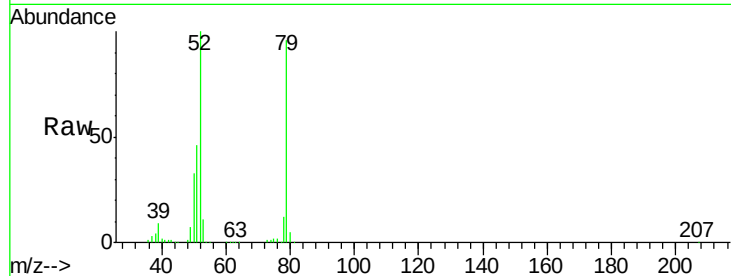
Tot Ion: 79 Resp: 237400

Ion Ratio Lower Upper

79 100

52 104.7 54.8 82.2#

51 47.9 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 36.14 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.09 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

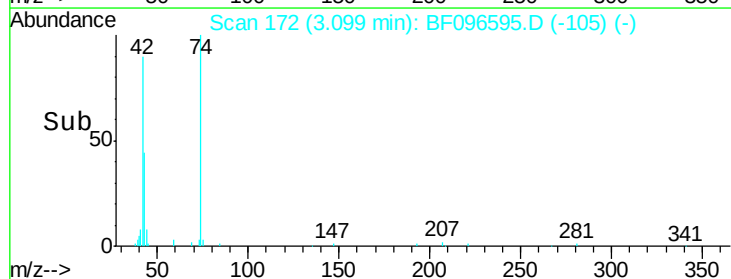
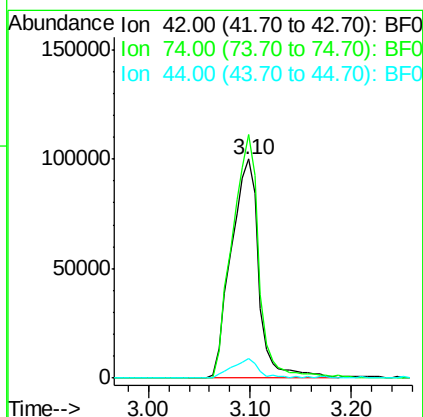
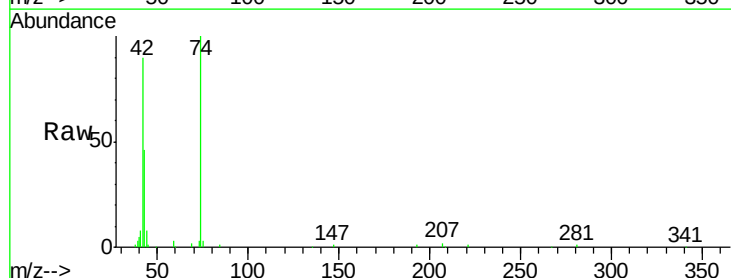
Tgt Ion: 42 Resp: 190443

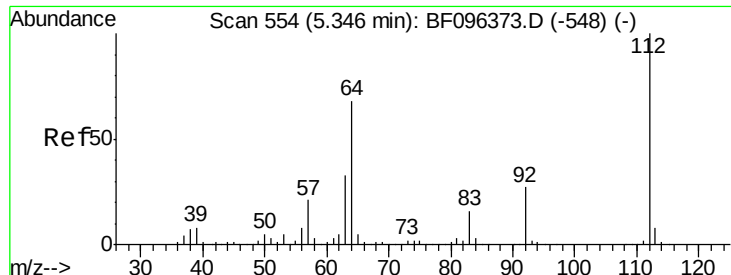
Ion Ratio Lower Upper

42 100

74 111.0 103.9 155.9

44 9.0 5.7 8.5#





#5

2-Fluorophenol

Concen: 113.07 ng

RT: 5.32 min Scan# 549

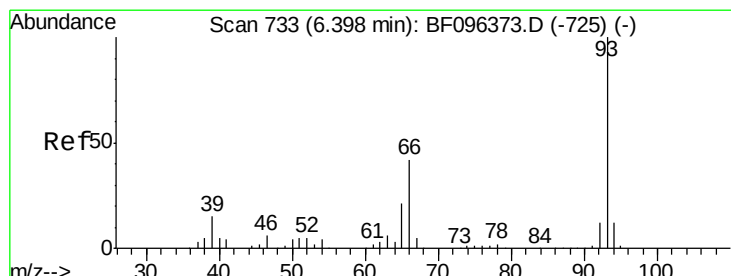
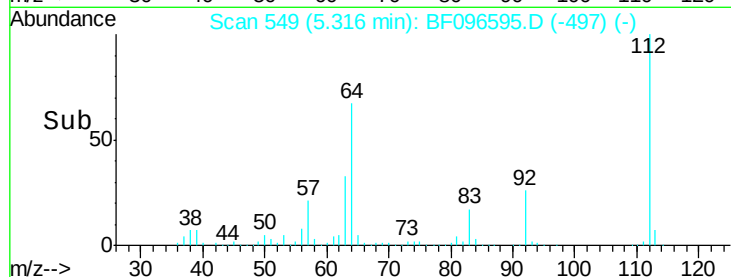
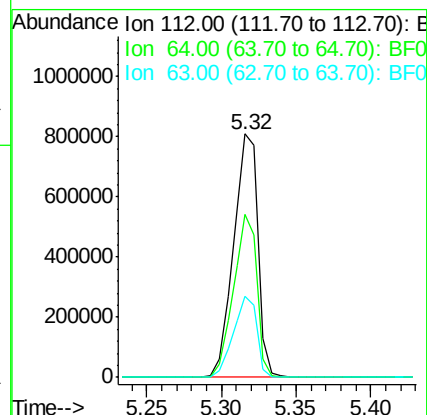
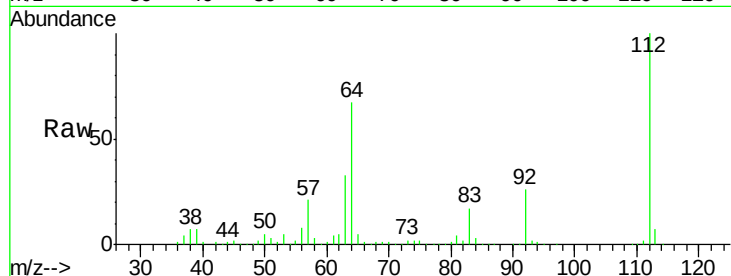
Delta R.T. 0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	927978
Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.0	69.0
63	33.3	23.4	35.0



#6

Aniline

Concen: 6.33 ng

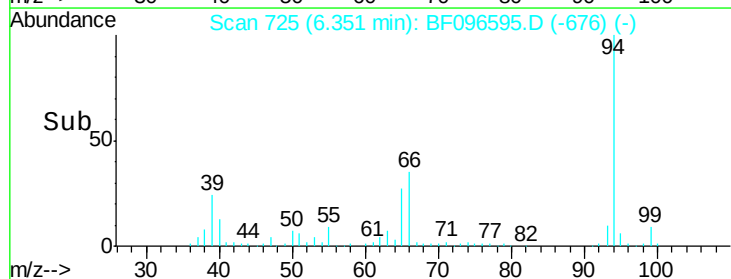
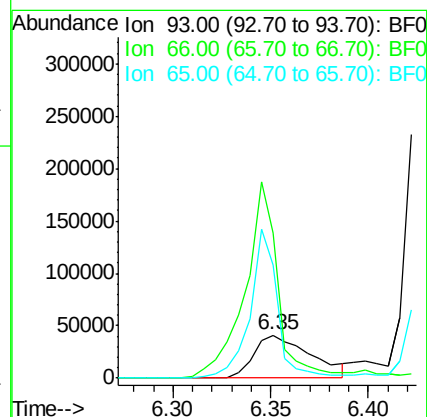
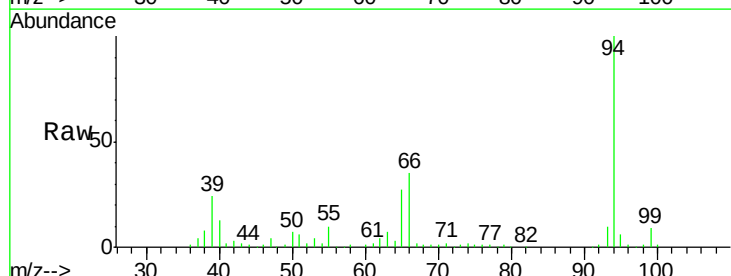
RT: 6.35 min Scan# 725

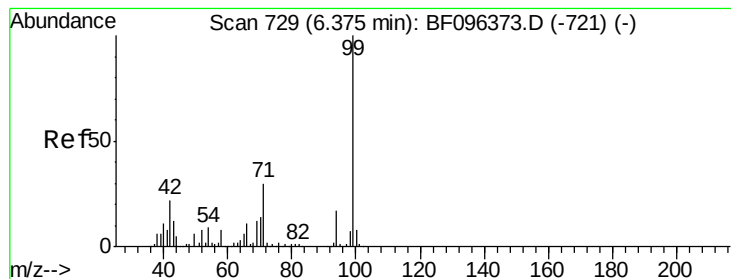
Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Tgt Ion:	93	Resp:	82500
Ion	Ratio	Lower	Upper
93	100		
66	336.8	32.9	49.3#
65	262.3	16.0	24.0#





#7

Phenol-d6

Concen: 110.30 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

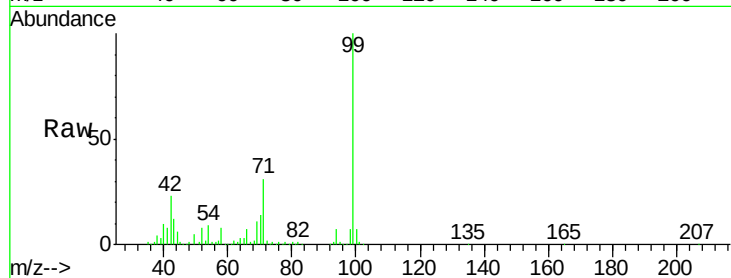
Tot Ion: 99 Resp: 1112903

Ion Ratio Lower Upper

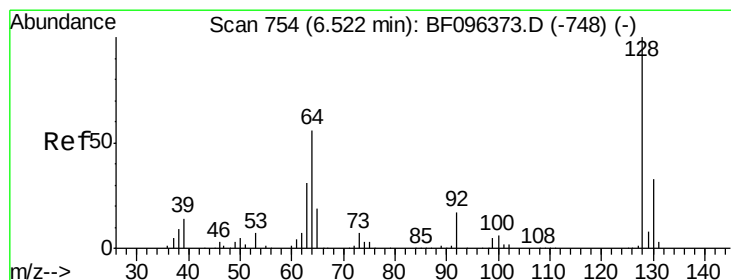
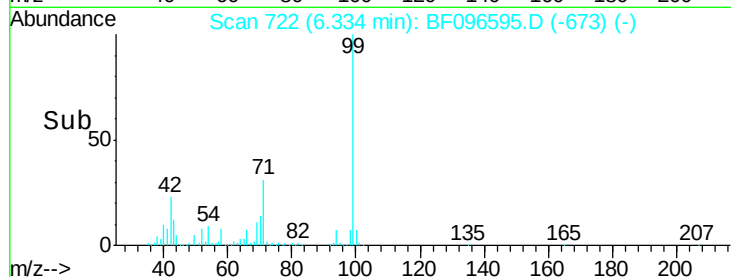
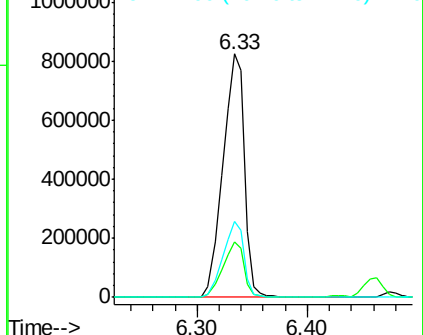
99 100

42 22.6 13.5 20.3#

71 31.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.89 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

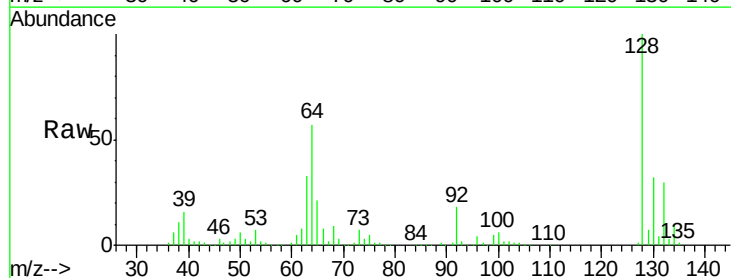
Tgt Ion: 128 Resp: 366591

Ion Ratio Lower Upper

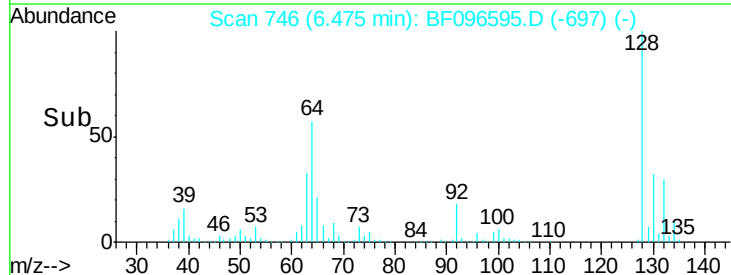
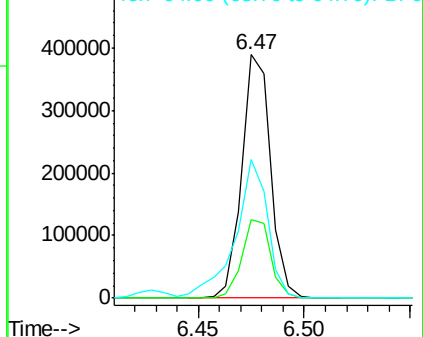
128 100

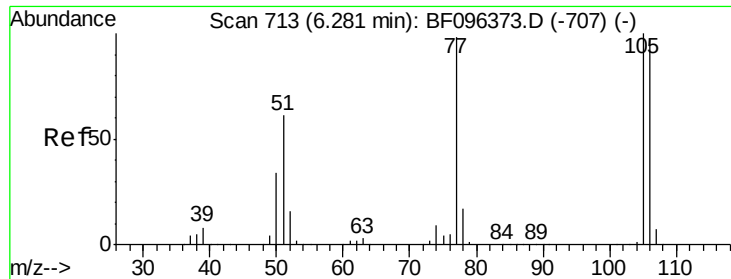
130 32.1 12.9 52.9

64 57.1 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.27 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampled :

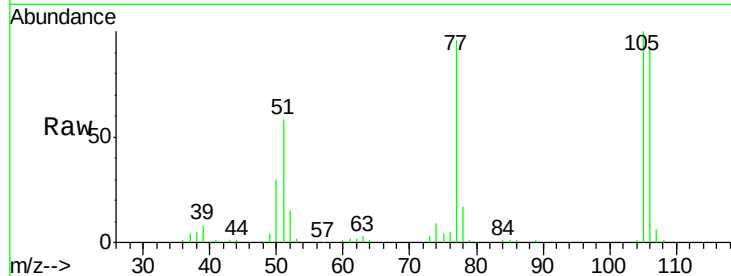
Tot Ion: 77 Resp: 64848

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

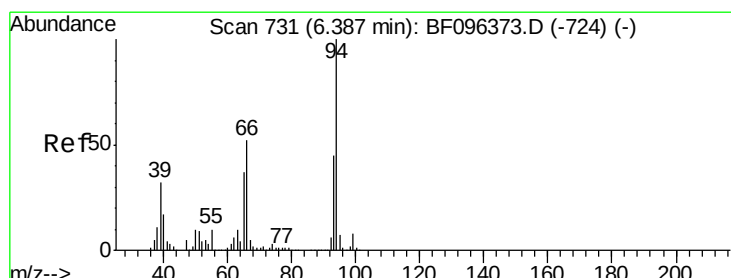
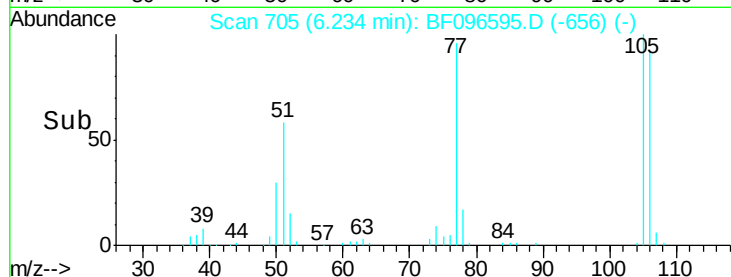
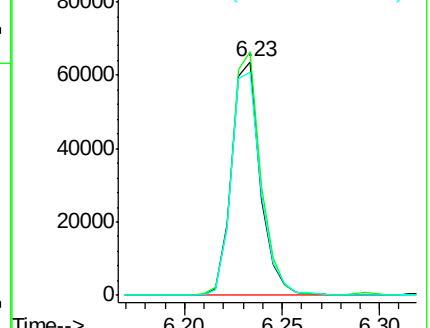
106 95.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.28 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

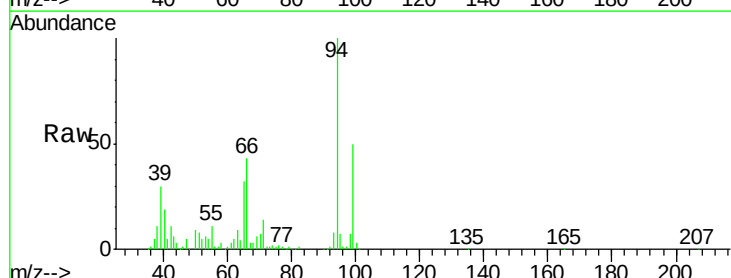
Tgt Ion: 94 Resp: 405567

Ion Ratio Lower Upper

94 100

65 32.2 9.9 49.9

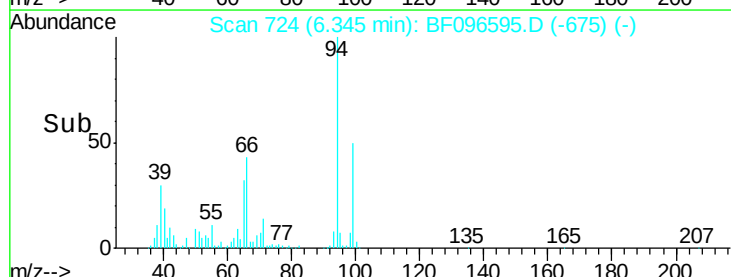
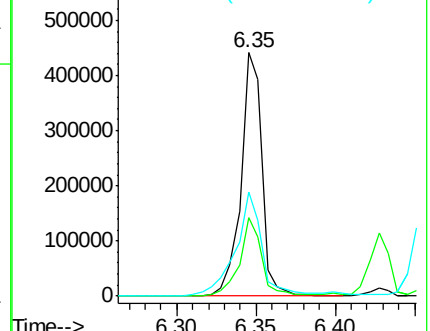
66 42.6 23.1 63.1

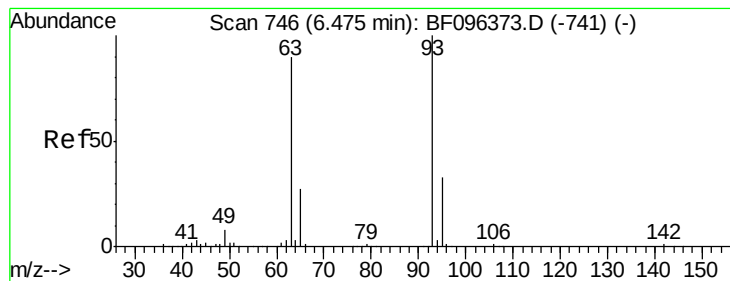


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

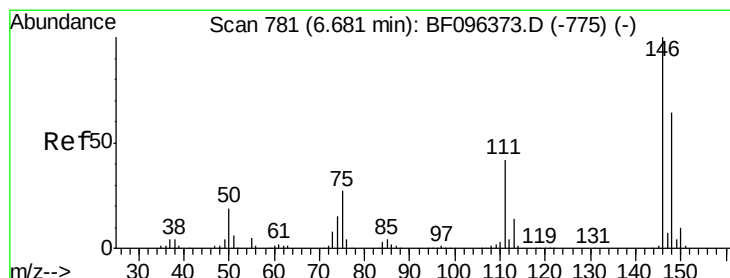
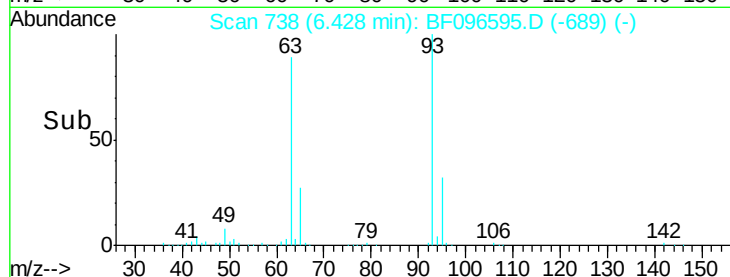
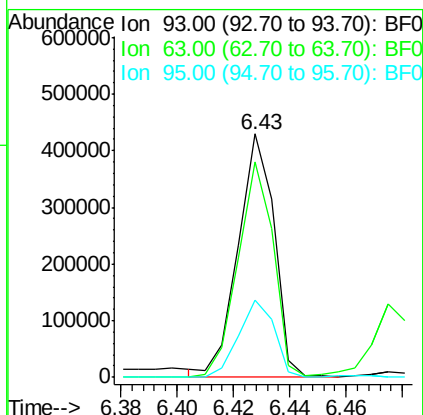
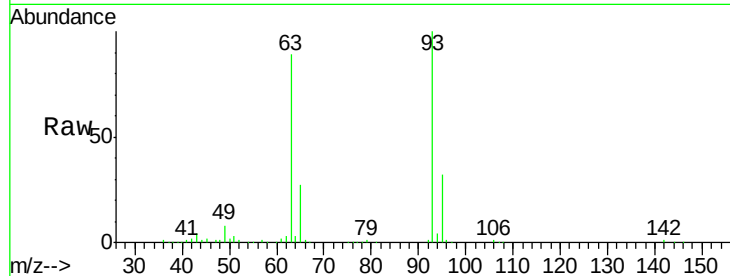




#11
 bis(2-Chloroethyl)ether
 Concen: 42.48 ng
 RT: 6.43 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

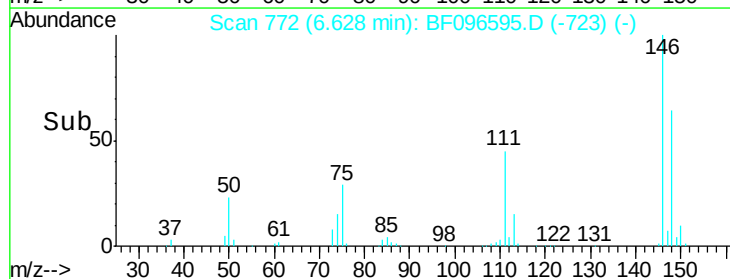
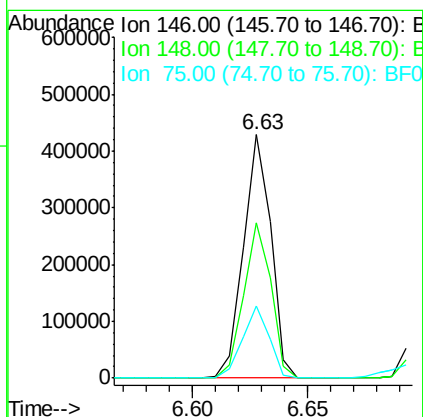
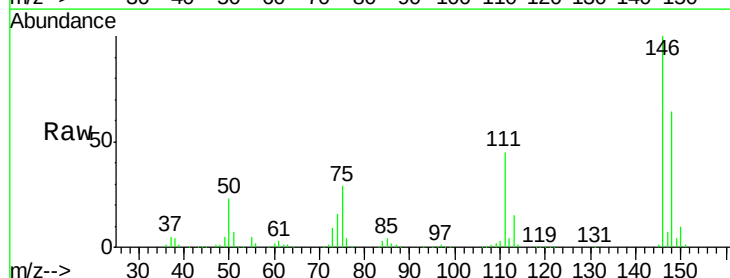
Instrument :
 BNA_F
 ClientSampled :

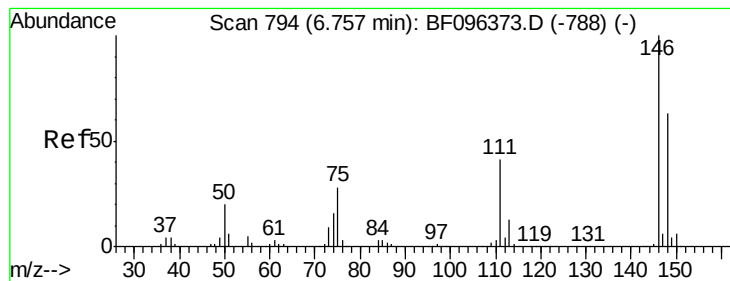
Tot Ion: 93 Resp: 377371
 Ion Ratio Lower Upper
 93 100
 63 88.7 59.2 99.2
 95 31.9 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.93 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion: 146 Resp: 357262
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 75 29.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.93 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampled :

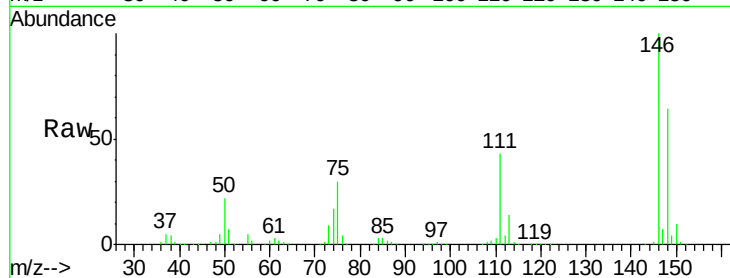
Tot Ion:146 Resp: 366226

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

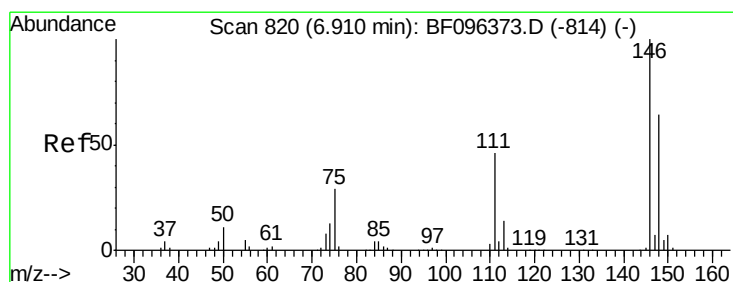
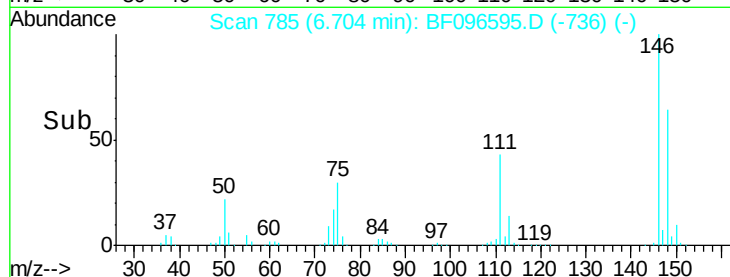
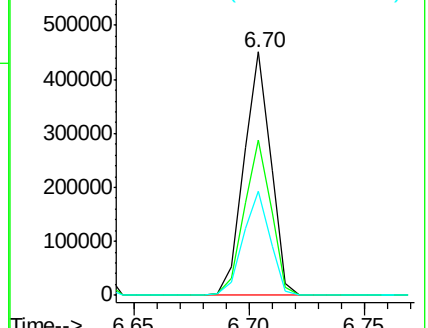
111 42.6 30.3 45.5



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: 40.54 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

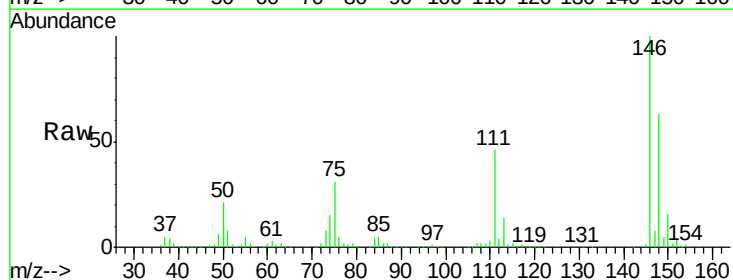
Tgt Ion:146 Resp: 341371

Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

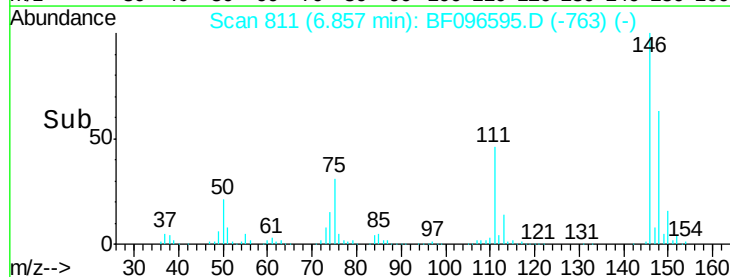
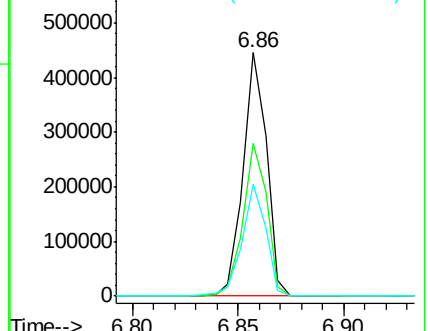
111 45.7 38.2 57.4

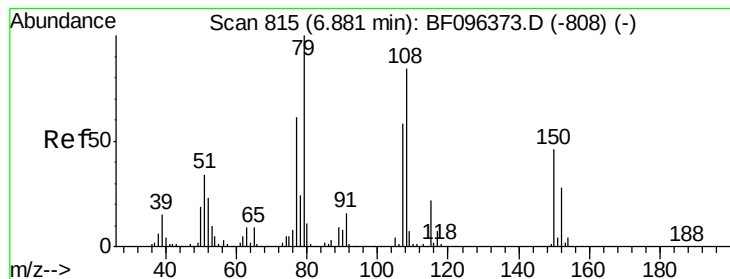


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.27 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

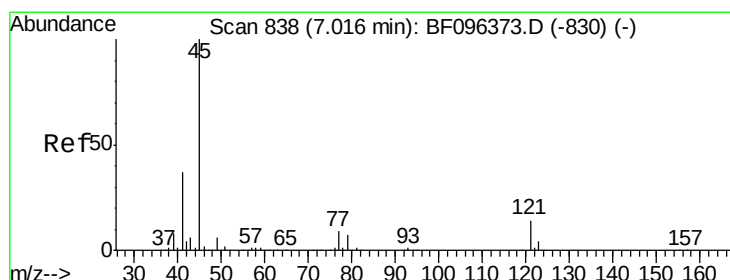
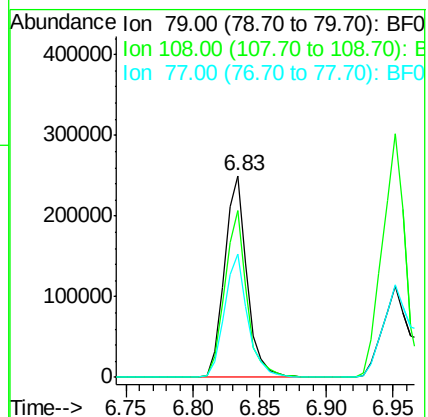
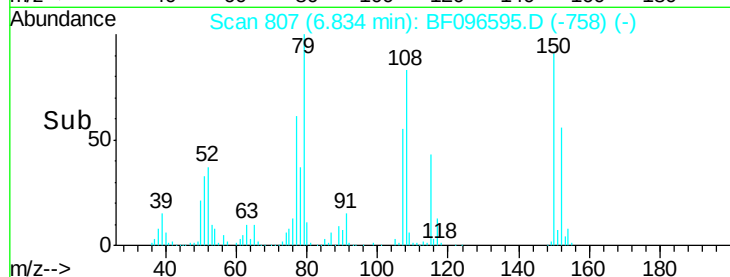
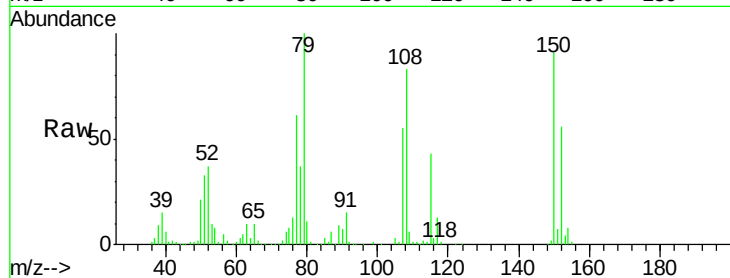
Tot Ion: 79 Resp: 298542

Ion Ratio Lower Upper

79 100

108 82.8 63.4 95.0

77 61.0 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.13 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

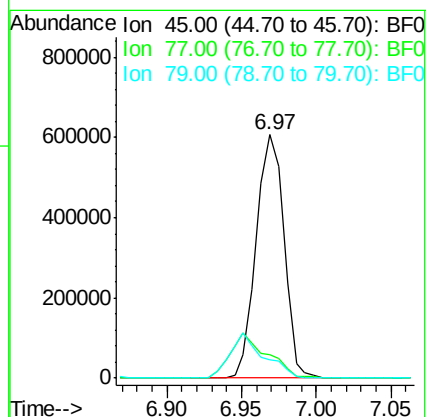
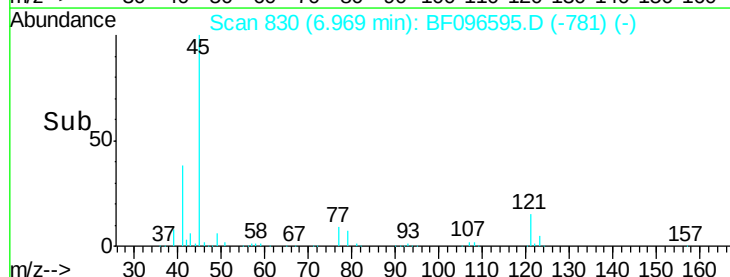
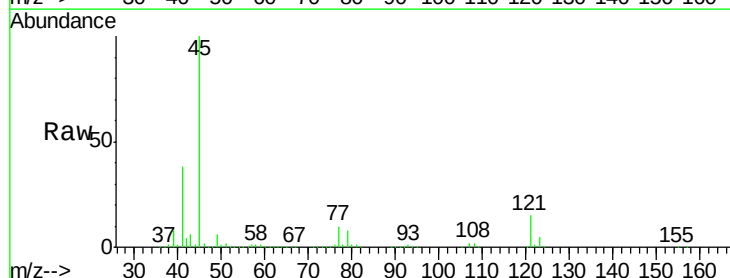
Tgt Ion: 45 Resp: 778847

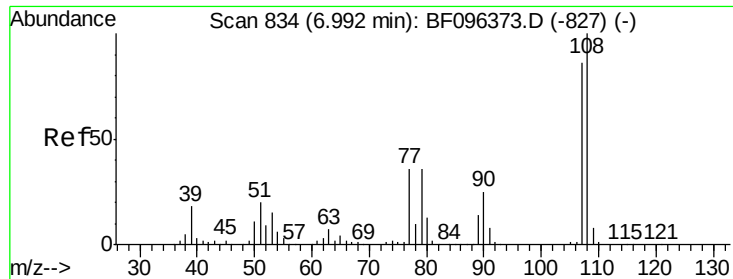
Ion Ratio Lower Upper

45 100

77 9.9 0.0 33.2

79 7.7 0.0 30.0

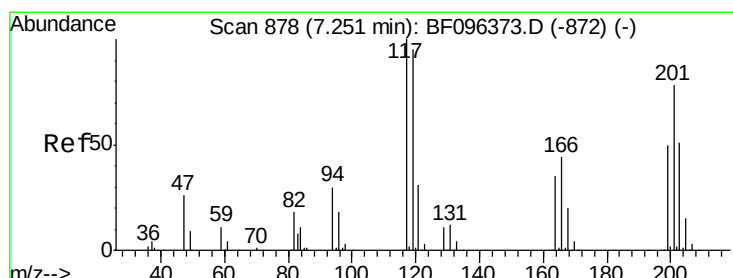
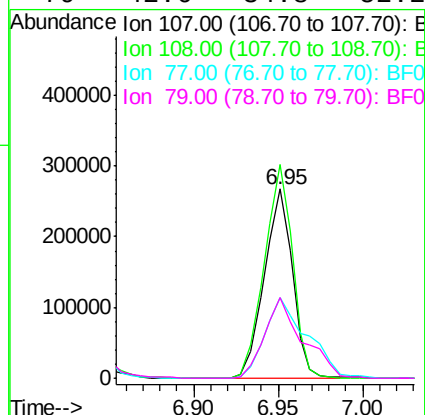
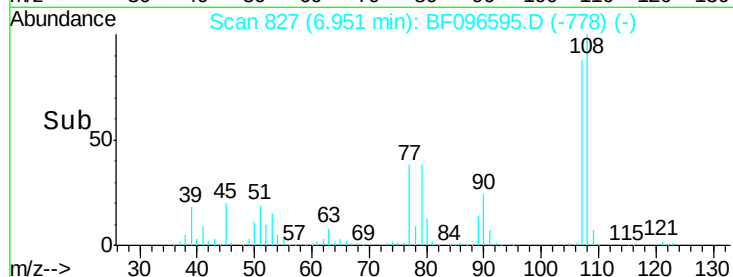
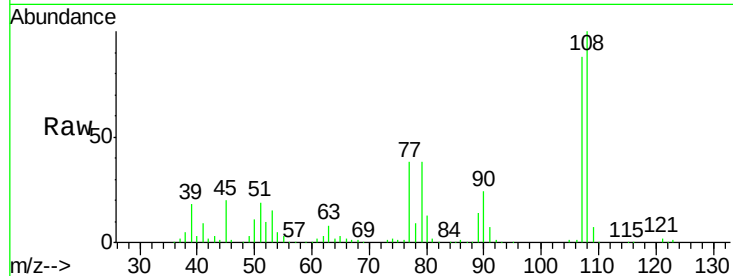




#17
2-Methylphenol
Concen: 44.35 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

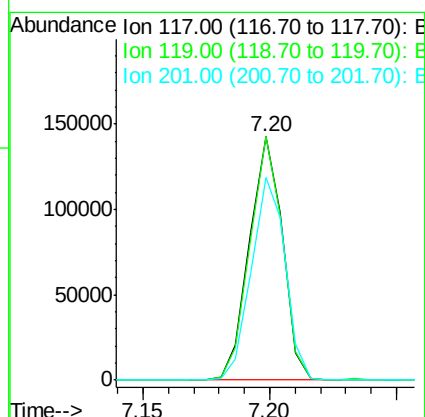
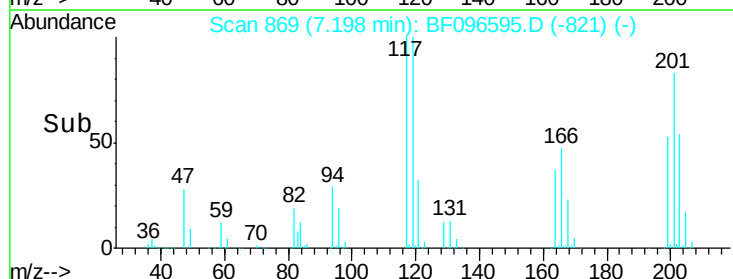
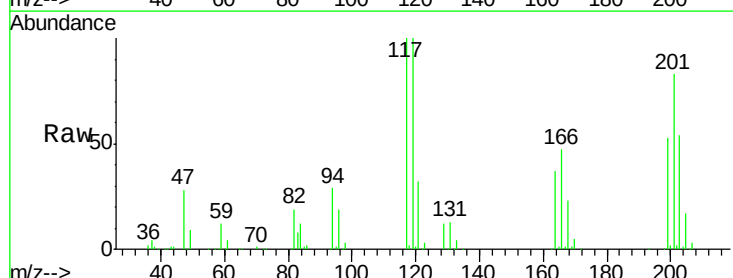
Instrument :
BNA_F
ClientSampleId :

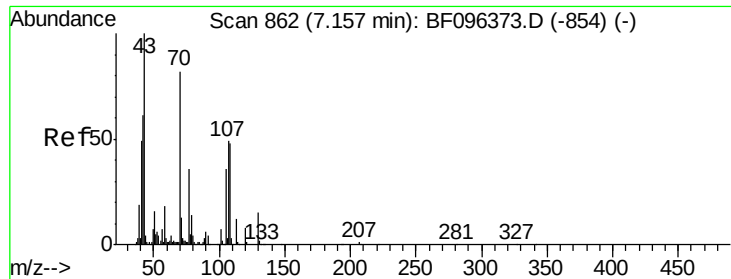
Tot Ion:	107	Resp:	309311
Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.4	140.0
77	42.8	35.8	53.6
79	42.6	34.8	52.2



#18
Hexachloroethane
Concen: 38.93 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:	117	Resp:	129440
Ion	Ratio	Lower	Upper
117	100		
119	99.8	77.4	116.0
201	83.5	94.6	141.8#

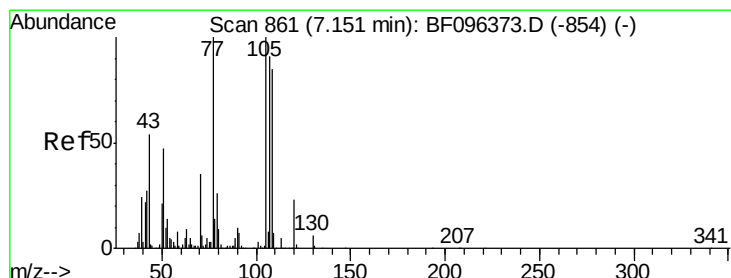
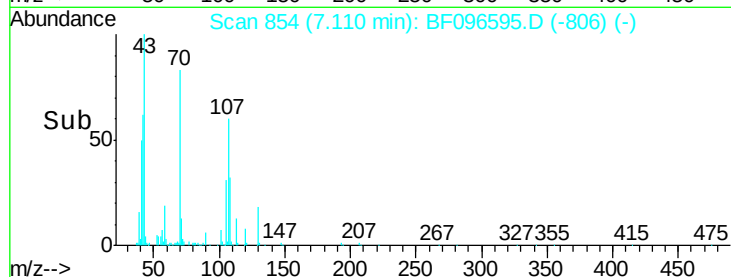
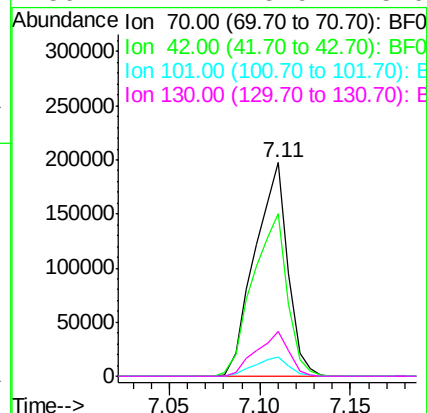
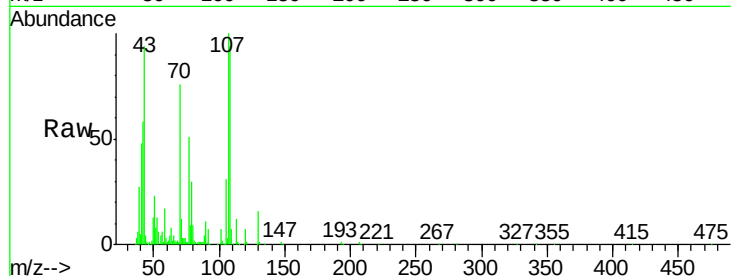




#19
n-Nitroso-di-n-propylamine
Concen: 41.53 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

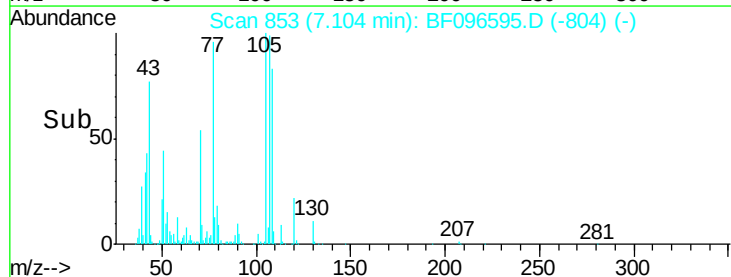
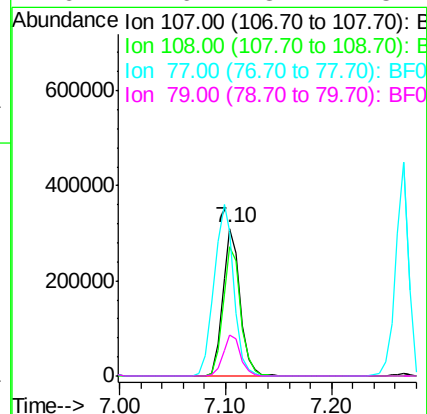
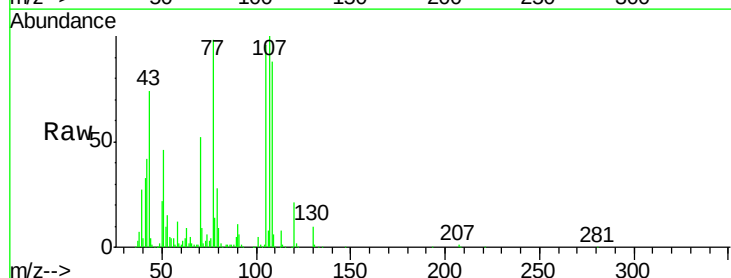
Instrument :
BNA_F
ClientSampleId :

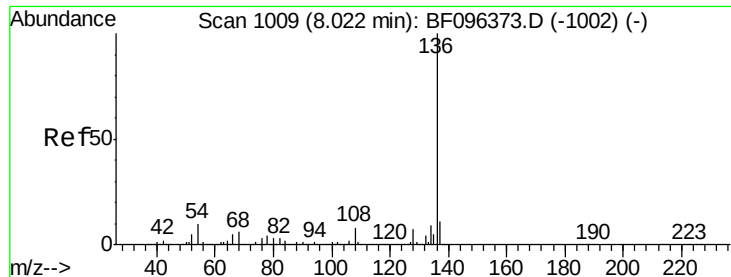
Tot Ion: 70 Resp: 249627
Ion Ratio Lower Upper
70 100
42 76.3 47.2 70.8#
101 8.8 7.2 10.8
130 21.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.94 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion: 107 Resp: 357372
Ion Ratio Lower Upper
107 100
108 88.1 71.0 111.0
77 98.2 90.5 130.5
79 27.6 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: BF096595.D

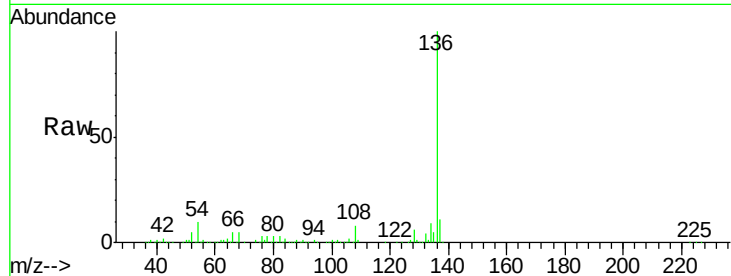
Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	503384
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	9.7	4.9 7.3#
68	4.9	4.1 6.1

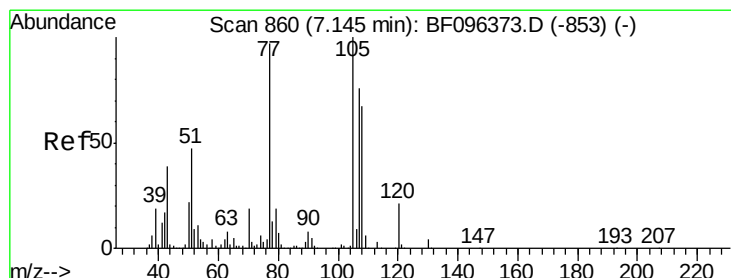
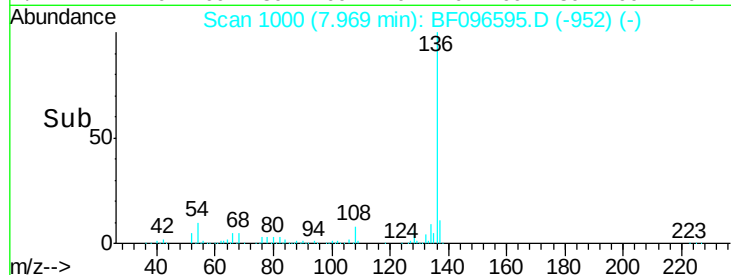
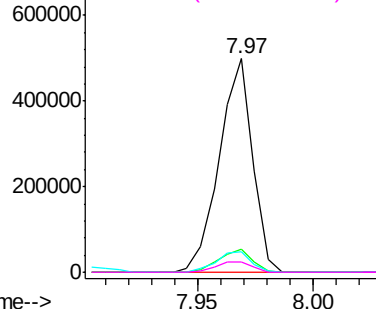


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.50 ng

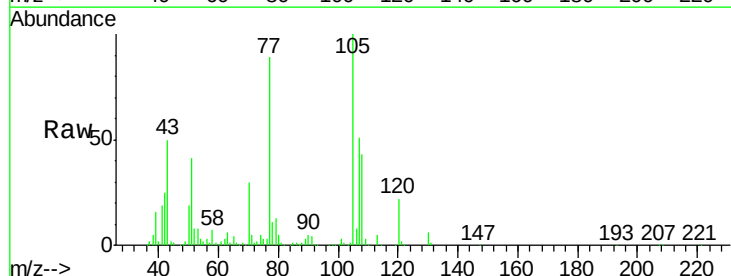
RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Tgt Ion:105	Resp:	500502
Ion Ratio	Lower	Upper
105	100	
71	5.2	2.8 4.2#
51	41.0	30.7 46.1
120	21.7	17.4 26.0

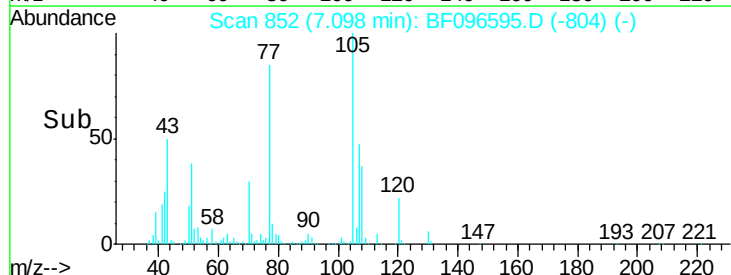
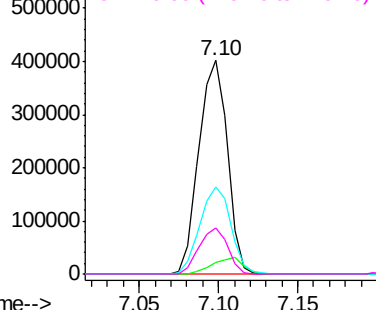


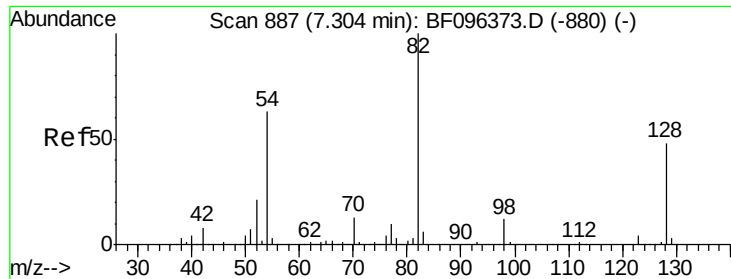
Abundance Ion 105.00 (104.70 to 105.70): E

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

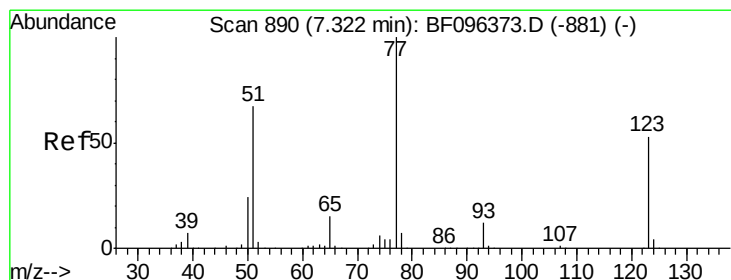
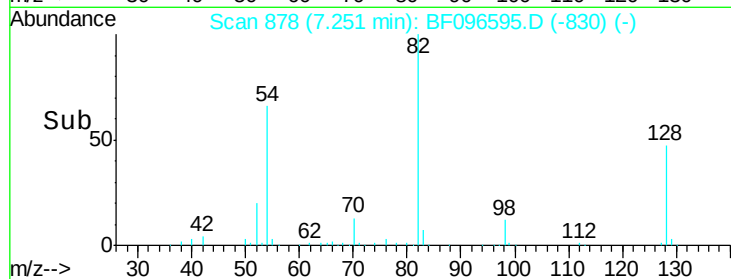
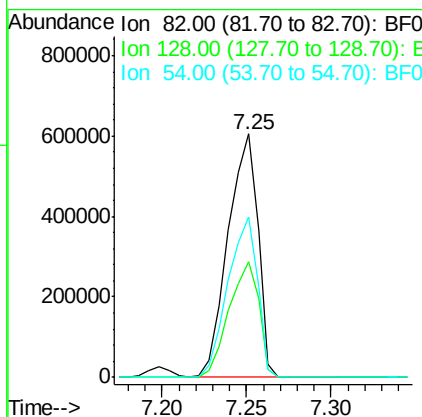
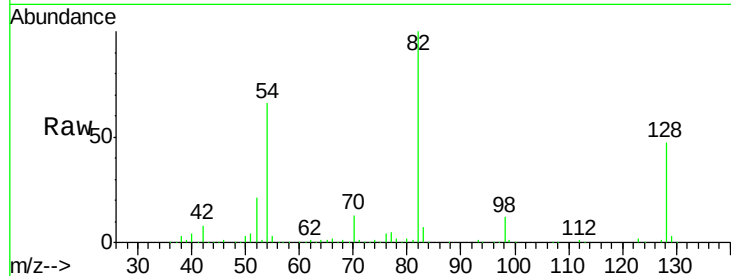




#23
 Nitrobenzene-d5
 Concen: 88.78 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

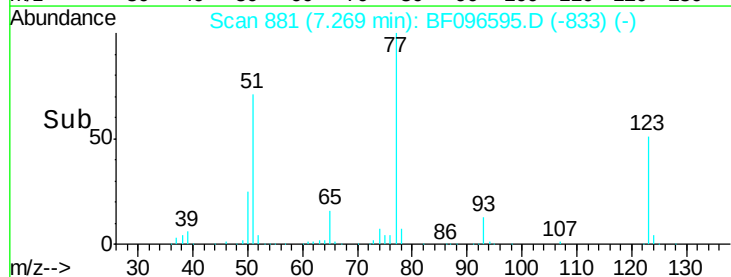
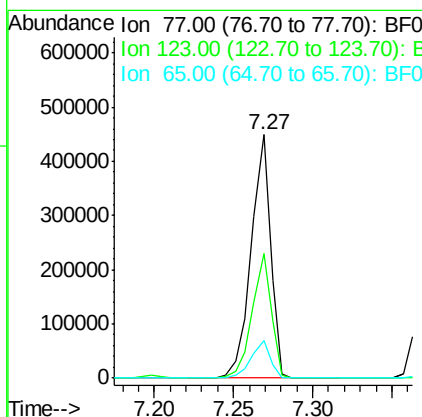
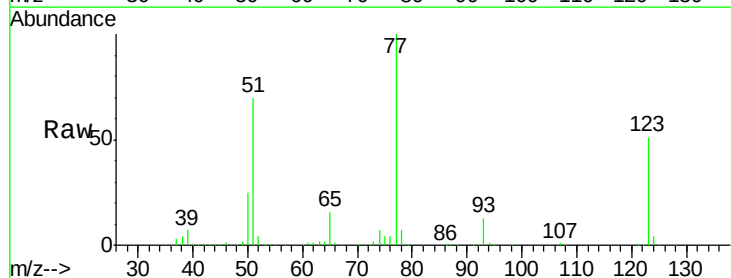
Instrument :
 BNA_F
 ClientSampleID :

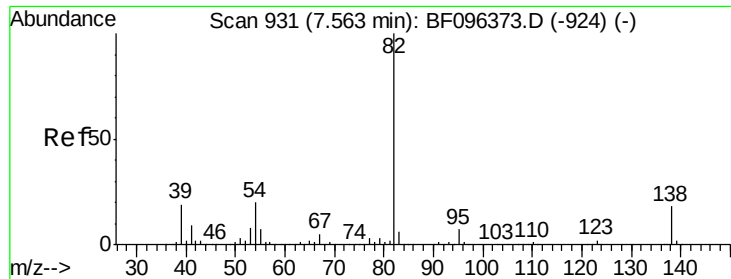
Tot Ion: 82 Resp: 743694
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 65.8 42.2 63.2#



#24
 Nitrobenzene
 Concen: 43.63 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion: 77 Resp: 383466
 Ion Ratio Lower Upper
 77 100
 123 51.1 35.8 53.8
 65 15.6 10.6 15.8





#25

Isophorone

Concen: 44.58 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

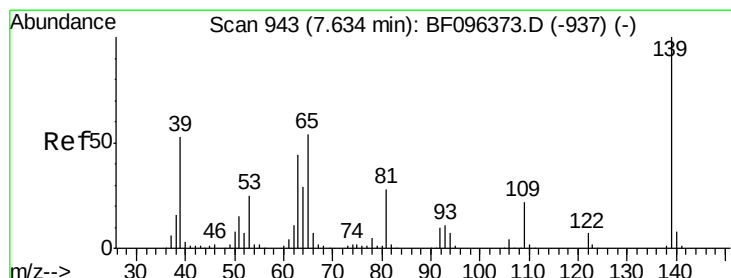
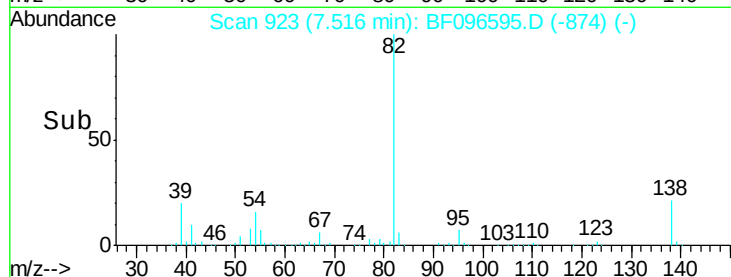
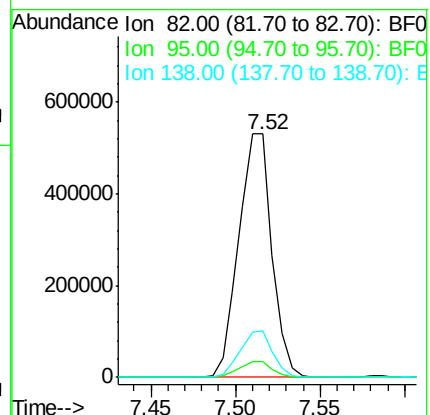
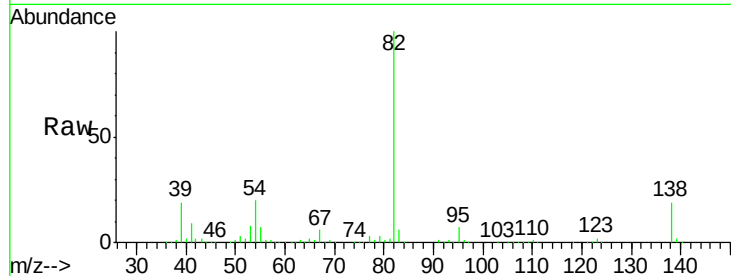
Tot Ion: 82 Resp: 724064

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 46.52 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

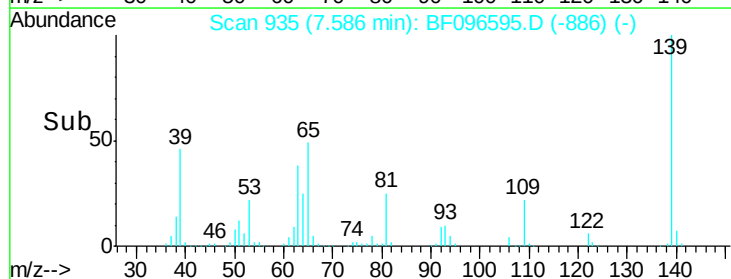
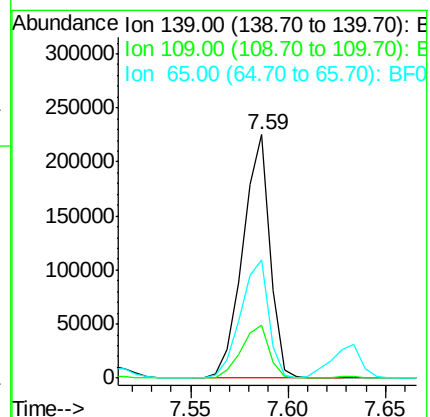
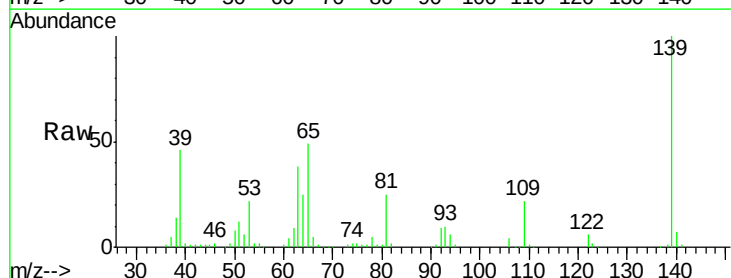
Tgt Ion: 139 Resp: 216388

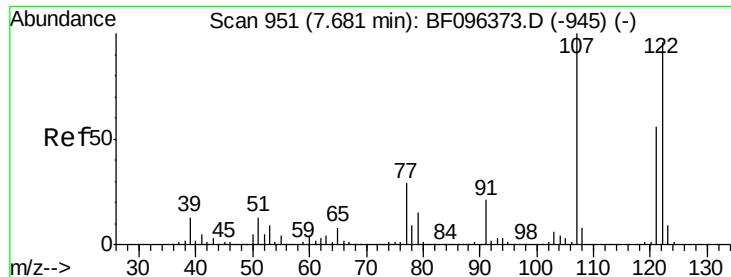
Ion Ratio Lower Upper

139 100

109 21.7 21.0 31.6

65 48.6 33.0 49.6

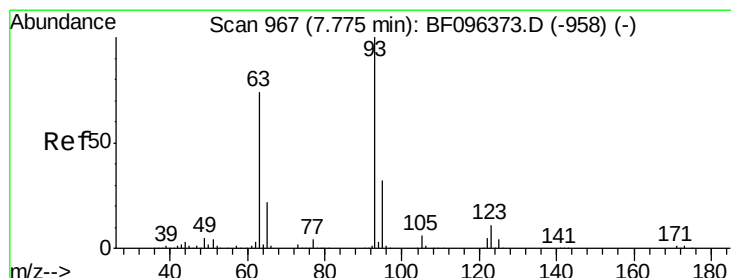
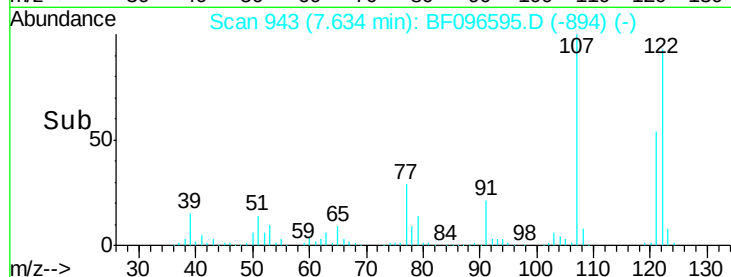
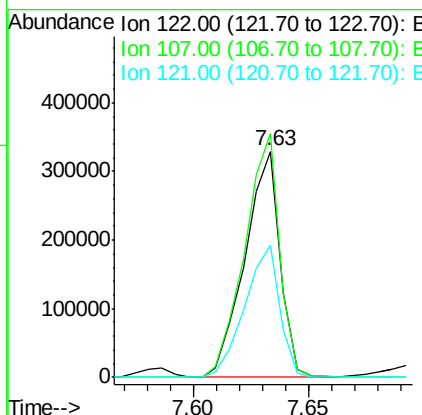
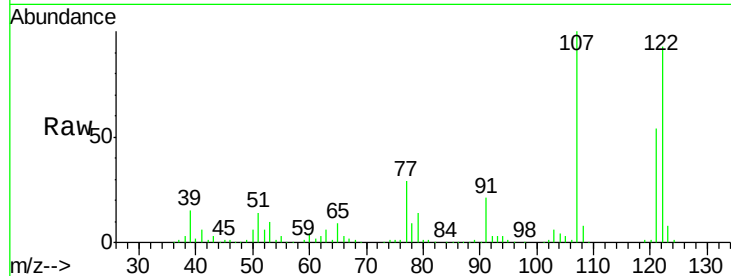




#27
 2,4-Dimethylphenol
 Concen: 44.20 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

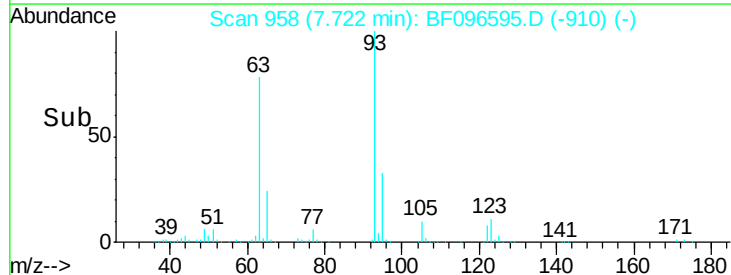
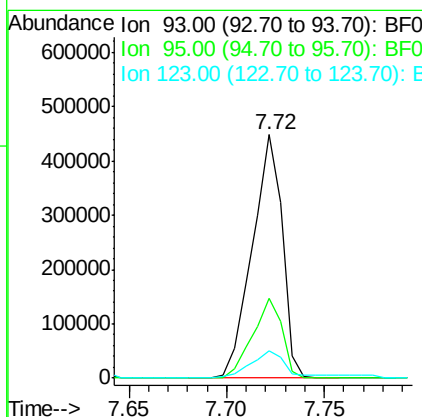
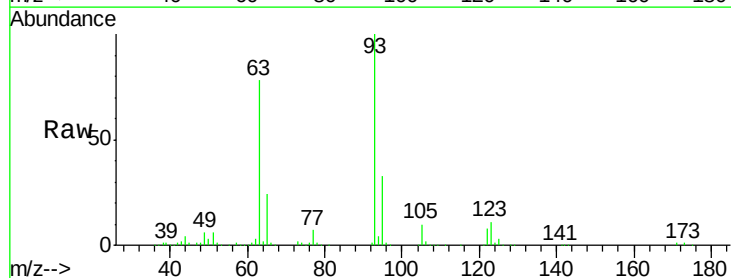
Instrument :
 BNA_F
 ClientSampled :

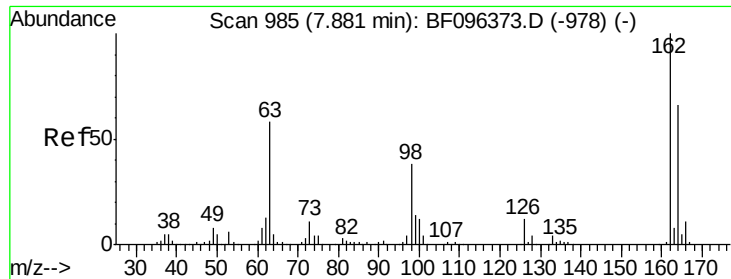
Tot Ion:122 Resp: 350054
 Ion Ratio Lower Upper
 122 100
 107 107.7 89.2 133.8
 121 58.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.57 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion: 93 Resp: 477858
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 11.1 9.0 13.4

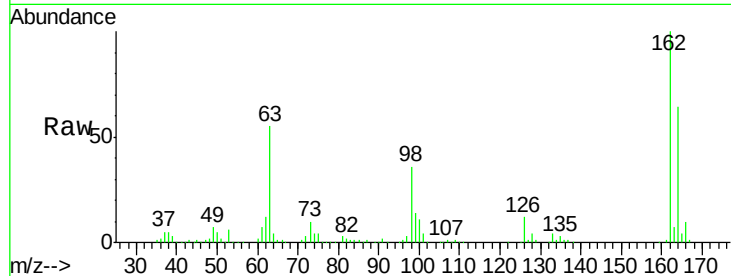




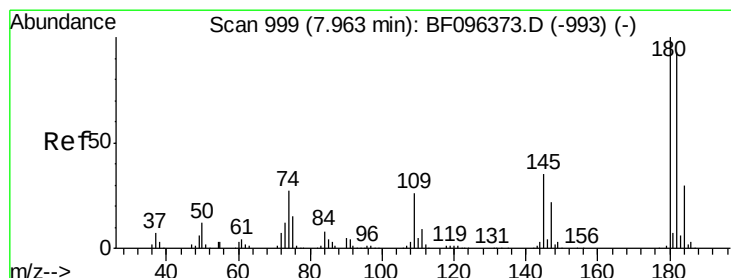
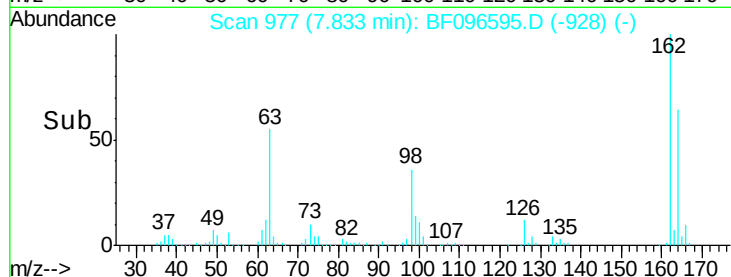
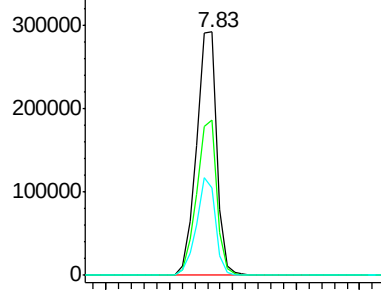
#29
2,4-Dichlorophenol
Concen: 47.41 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	36.1	14.8	54.8

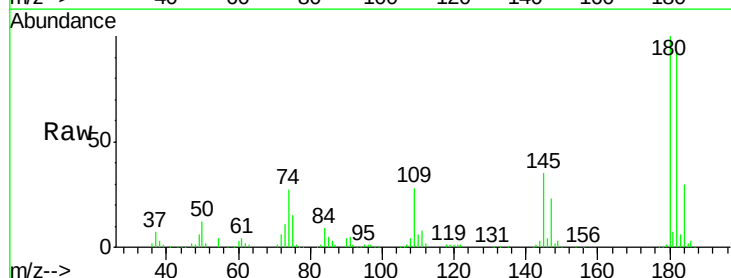


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

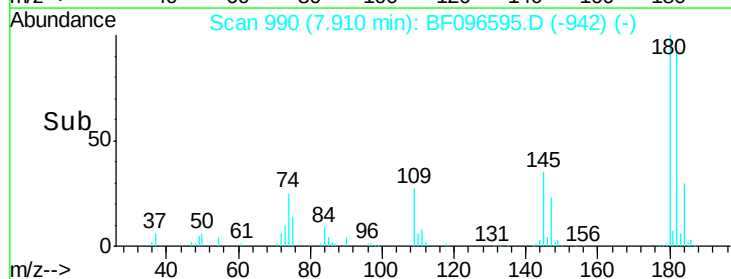
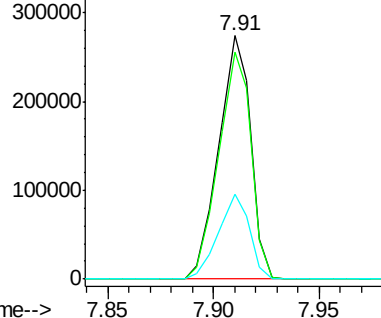


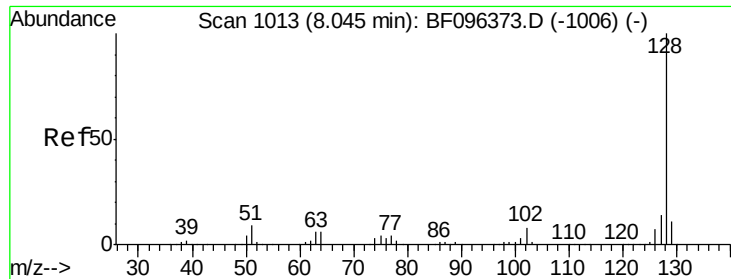
#30
1,2,4-Trichlorobenzene
Concen: 44.71 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.8	113.6
145	34.7	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

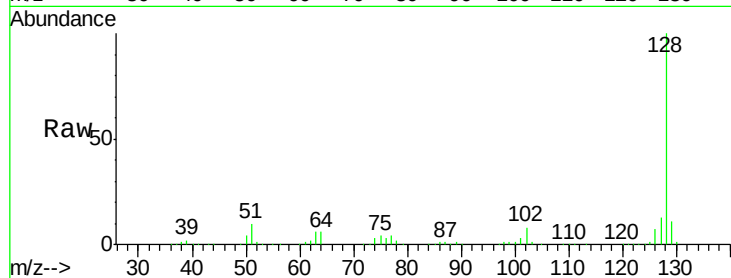




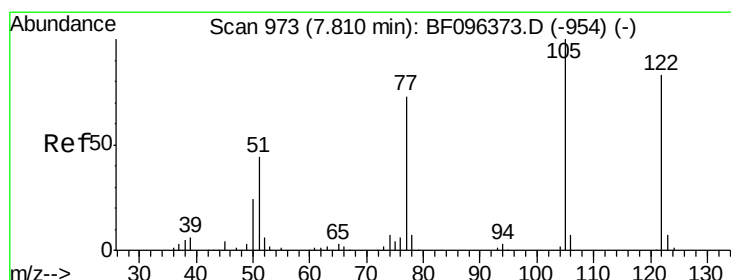
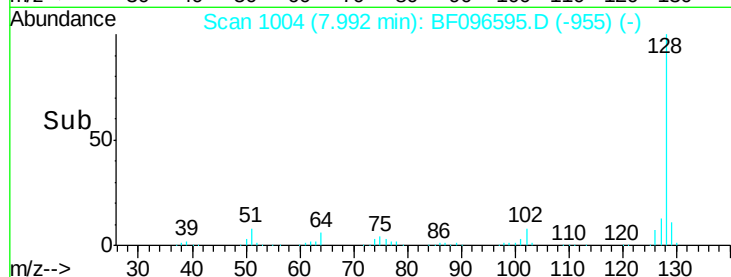
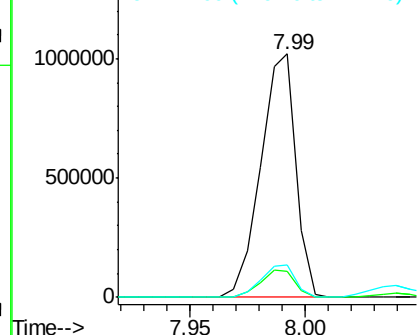
#31
Naphthalene
Concen: 45.41 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1079178
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 10.8 16.2

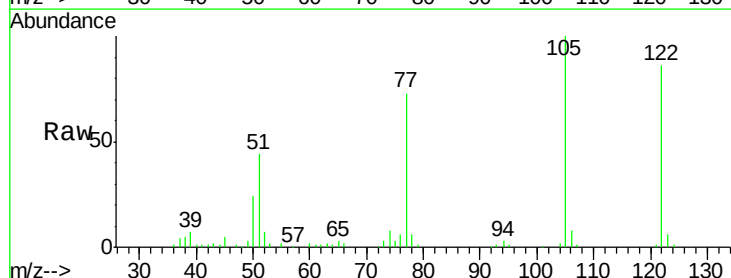


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

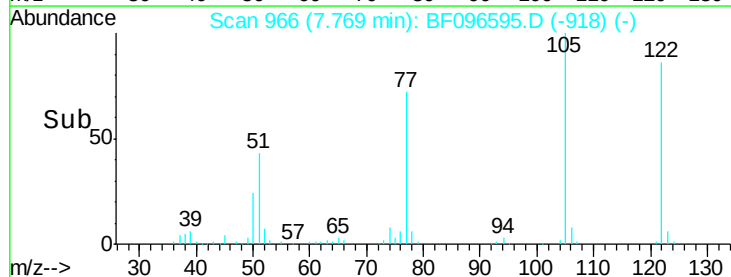
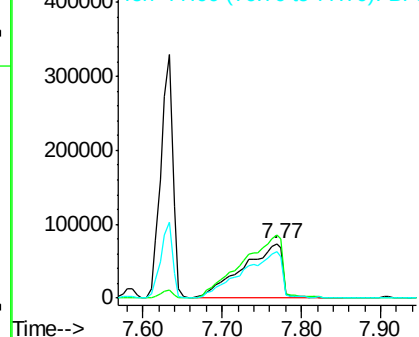


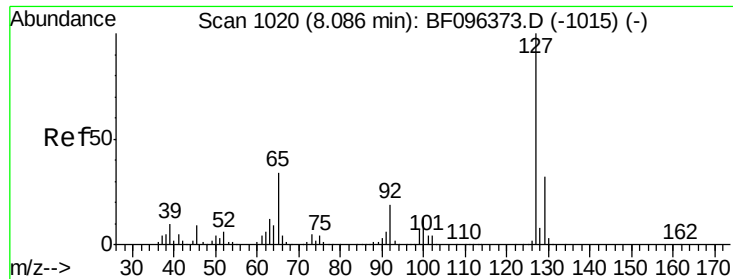
#32
Benzoic acid
Concen: 38.75 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:122 Resp: 257753
Ion Ratio Lower Upper
122 100
105 116.1 103.3 143.3
77 84.8 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

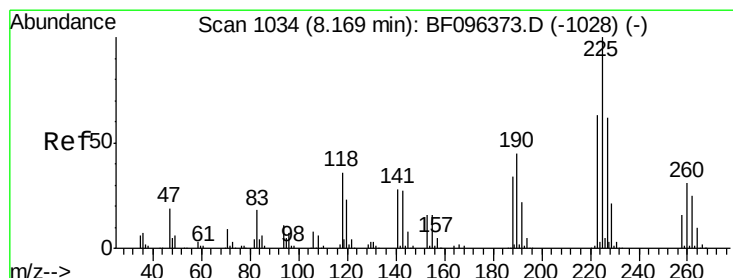
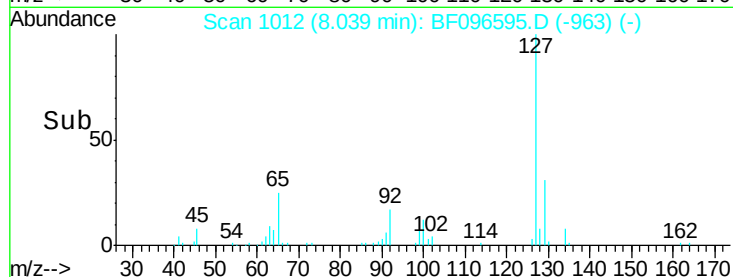
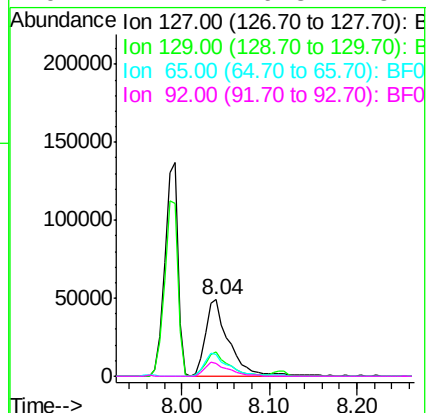
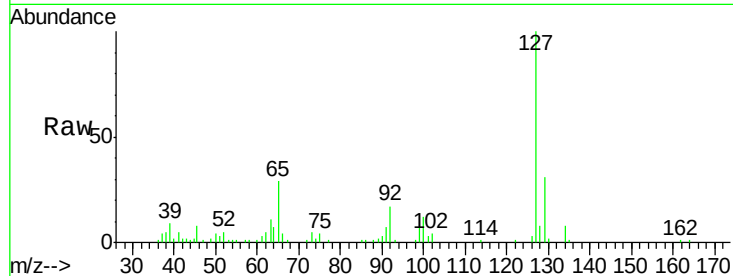




#33
4-Chloroaniline
Concen: 9.18 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

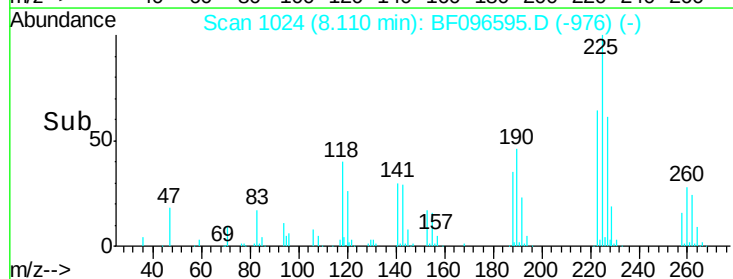
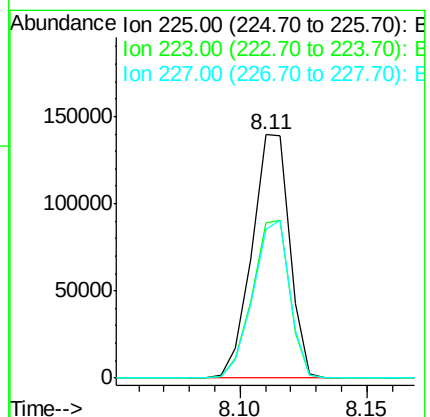
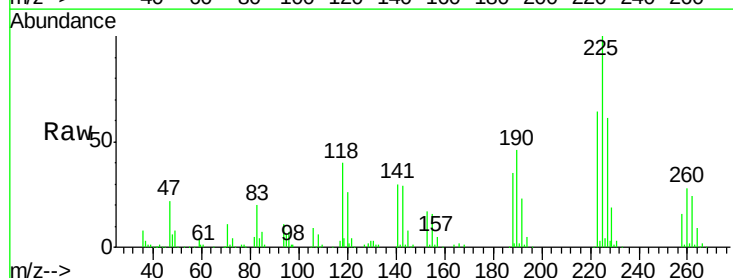
Instrument :
BNA_F
ClientSampleId :

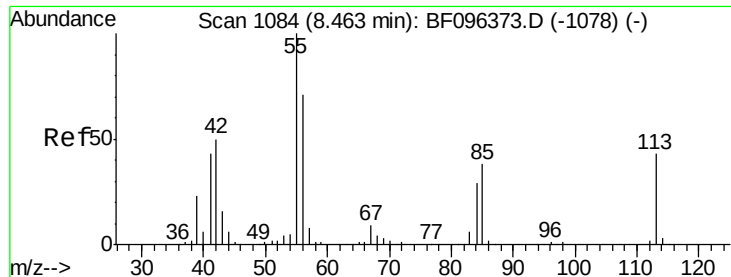
Tot Ion:	127	Resp:	90593
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	29.2	27.8	41.8
92	17.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.84 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:	225	Resp:	144937
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	61.4	51.1	76.7

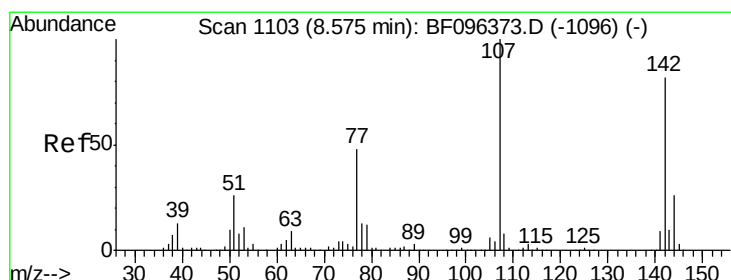
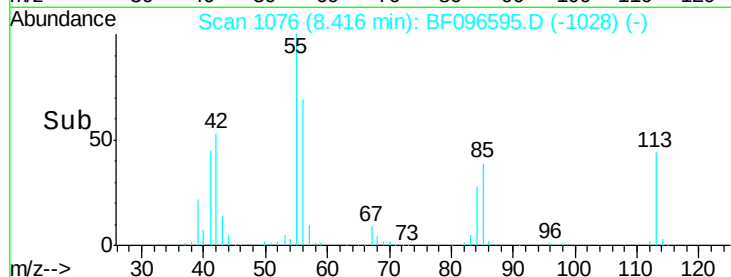
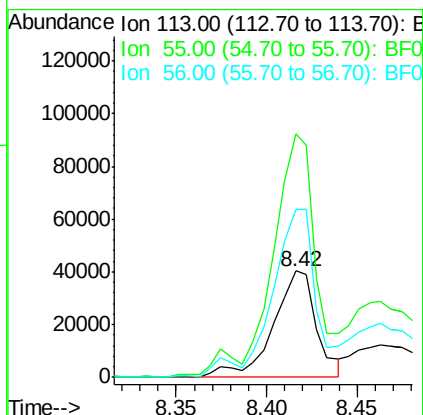
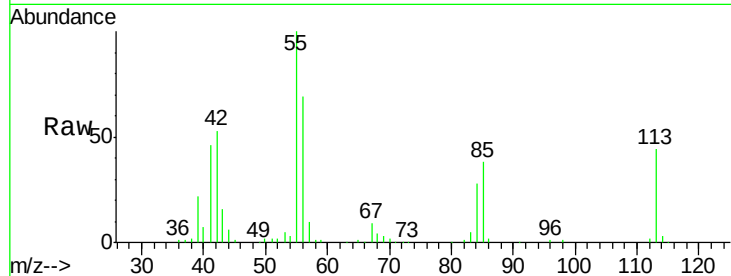




#35
 Caprolactam
 Concen: 28.54 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

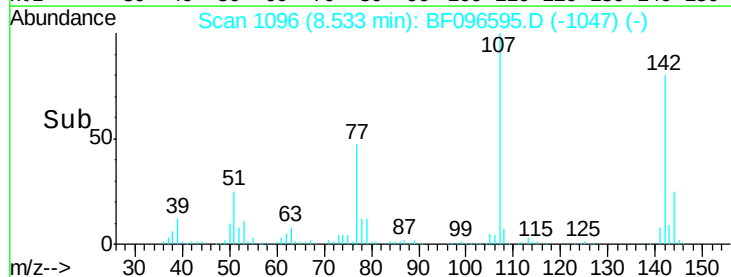
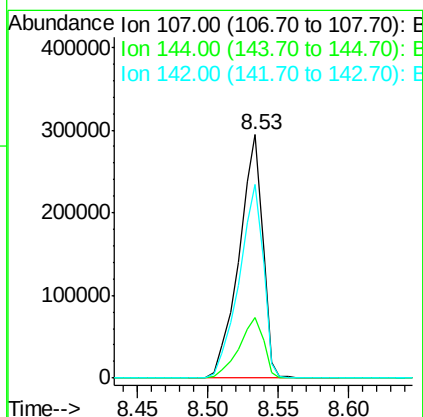
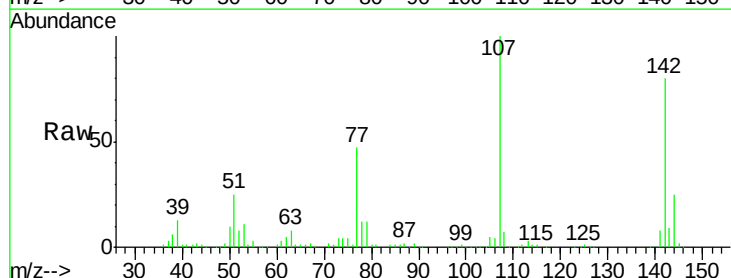
Instrument :
 BNA_F
 ClientSampleId :

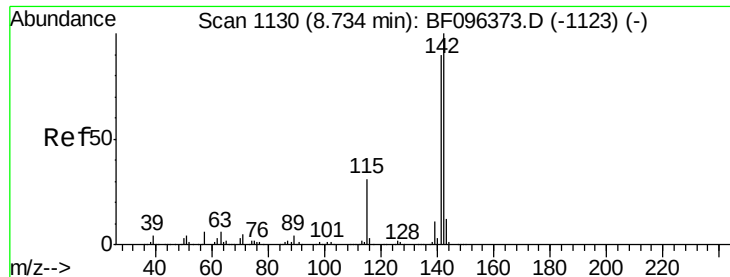
Tot Ion:113 Resp: 67263
 Ion Ratio Lower Upper
 113 100
 55 228.8 150.2 190.2#
 56 158.0 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 45.60 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:107 Resp: 344758
 Ion Ratio Lower Upper
 107 100
 144 25.1 24.2 36.4
 142 79.6 73.4 110.0

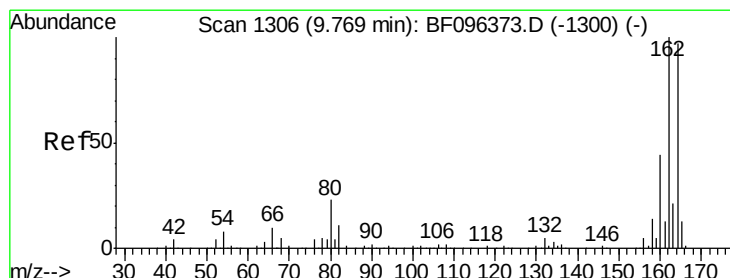
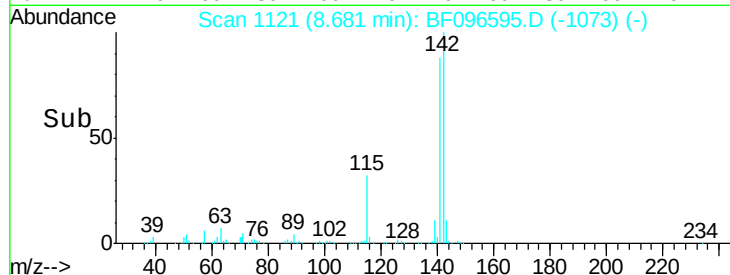
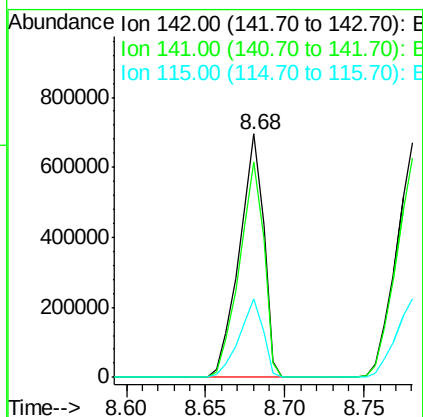
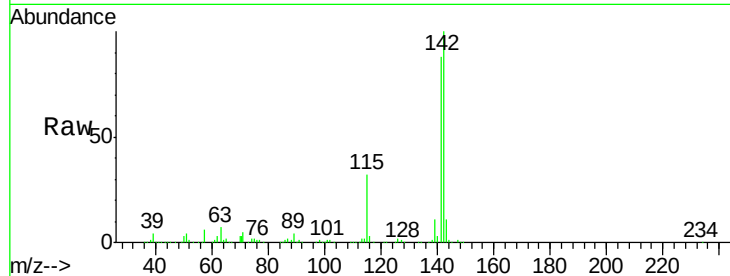




#37
2-Methylnaphthalene
Concen: 49.03 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

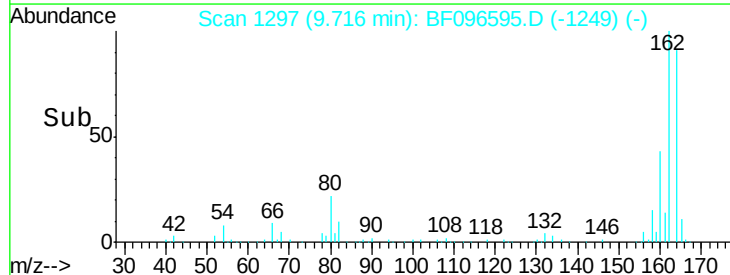
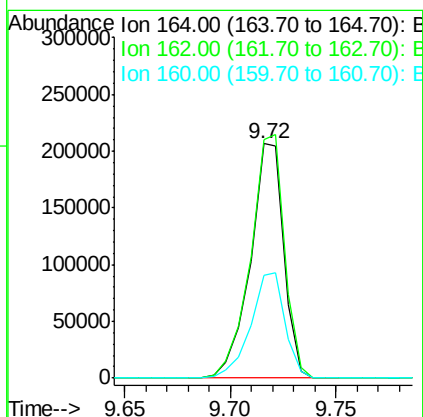
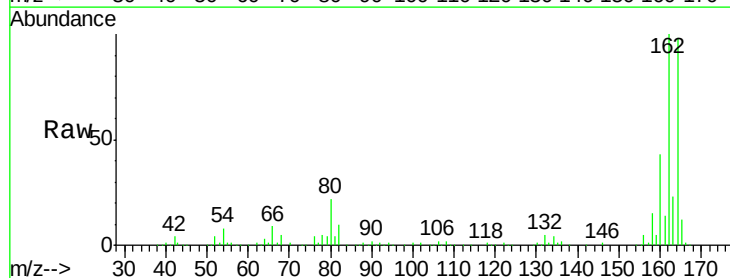
Instrument :
BNA_F
ClientSampled :

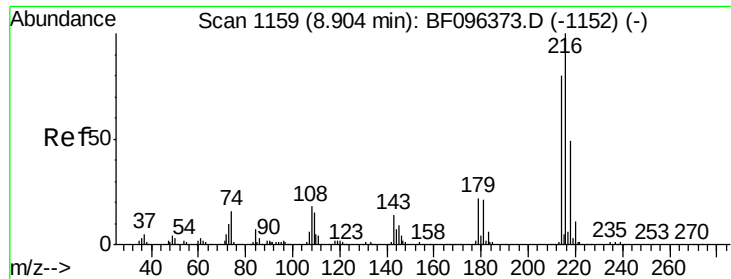
Tot Ion:142 Resp: 741737
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 32.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:164 Resp: 228110
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 43.8 36.2 54.2

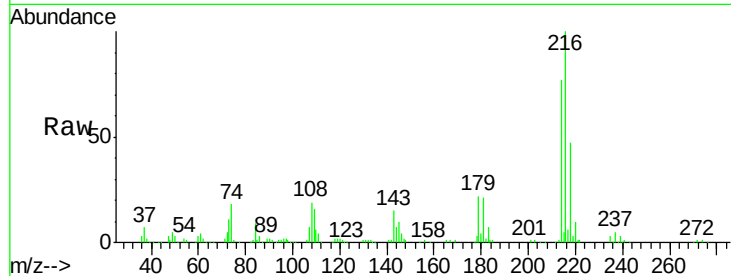




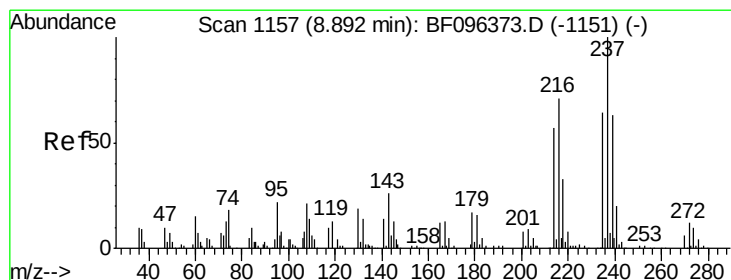
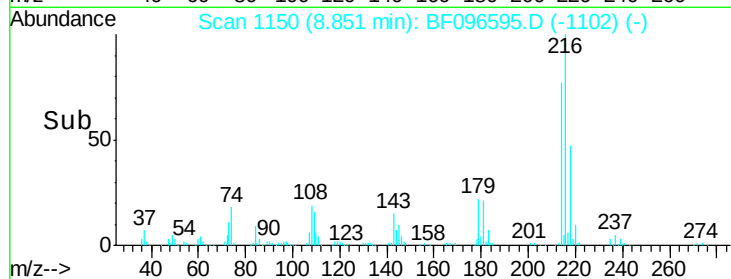
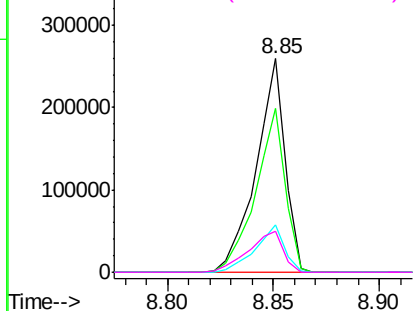
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.89 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	248127
Ion Ratio	Lower	Upper
216	100	
214	77.8	63.4 95.2
179	22.4	17.9 26.9
108	23.1	16.5 24.7

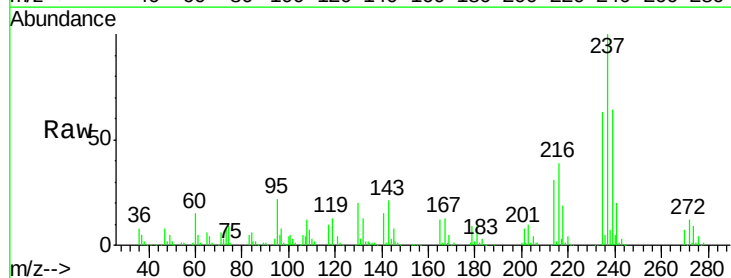


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

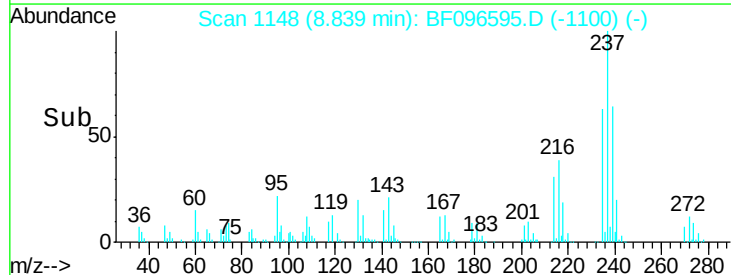
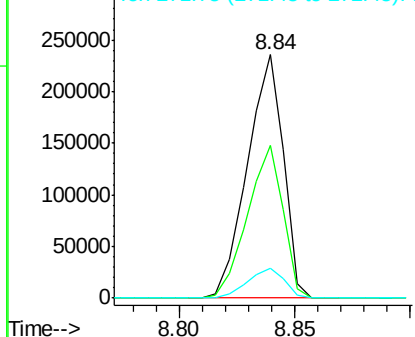


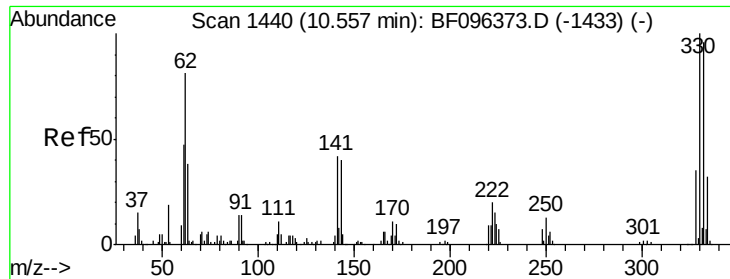
#40
 Hexachlorocyclopentadiene
 Concen: 88.61 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:237	Resp:	255191
Ion Ratio	Lower	Upper
237	100	
235	62.8	42.6 82.6
272	12.1	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

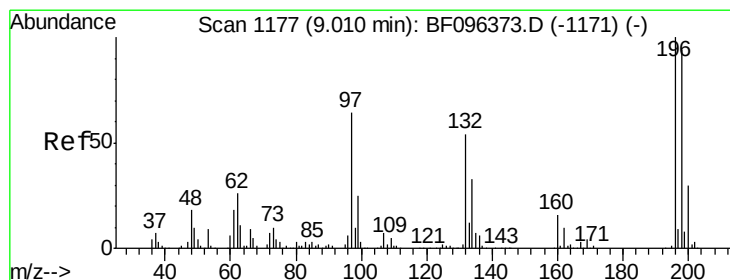
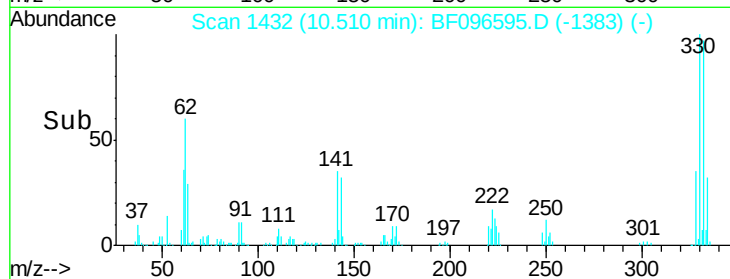
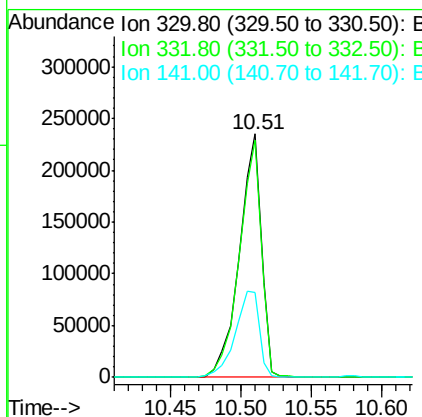
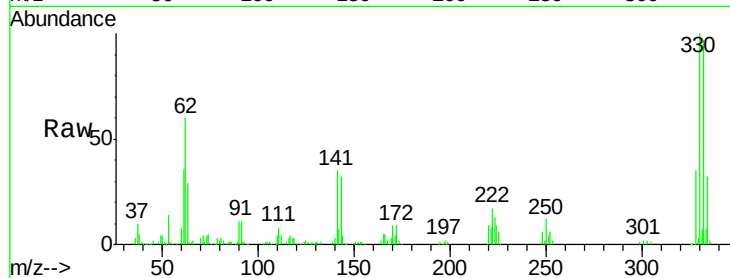




#41
 2,4,6-Tribromophenol
 Concen: 143.84 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

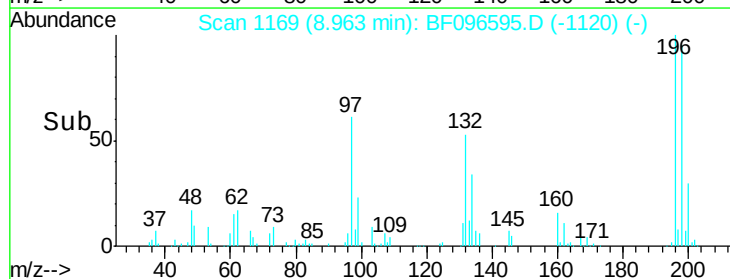
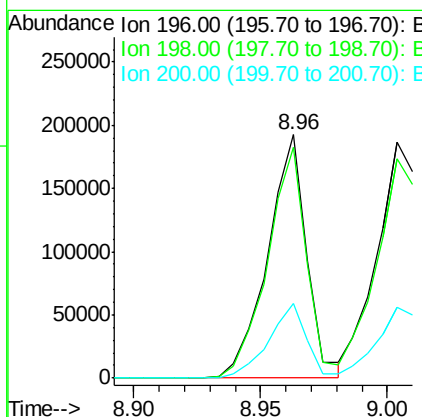
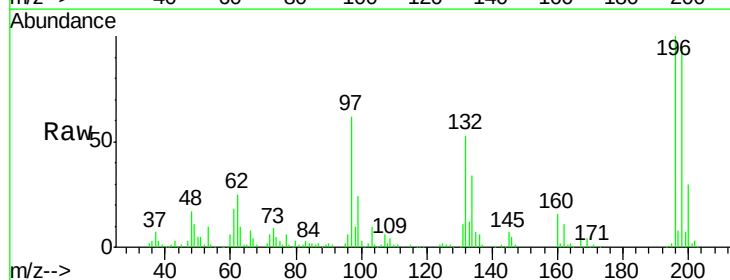
Instrument :
 BNA_F
 ClientSampleId :

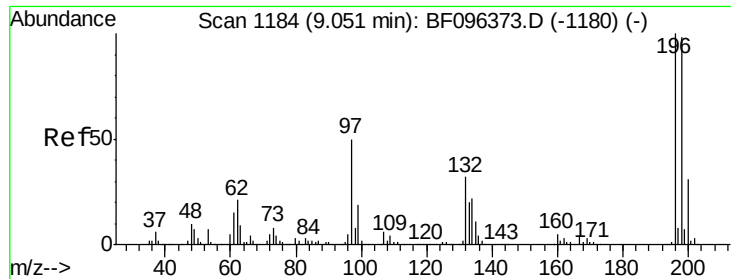
Tot Ion:330 Resp: 256299
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 38.4 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 44.26 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:196 Resp: 207403
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.4
 200 30.5 24.0 36.0

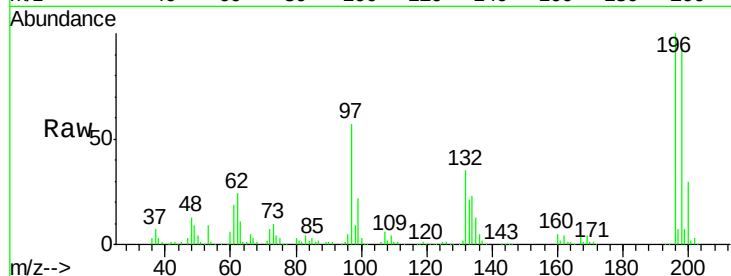




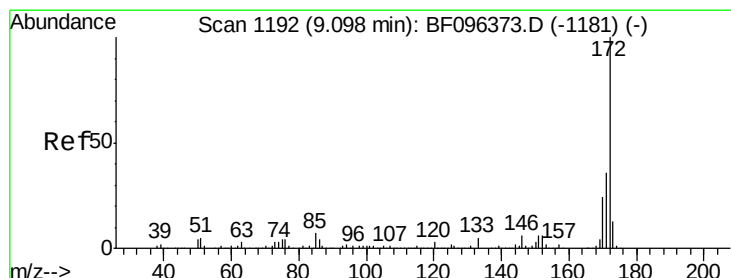
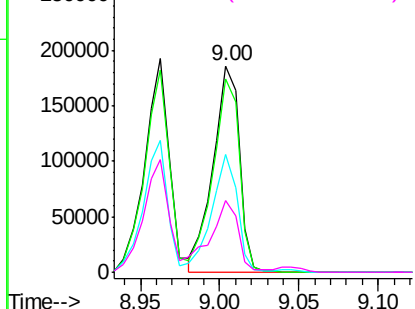
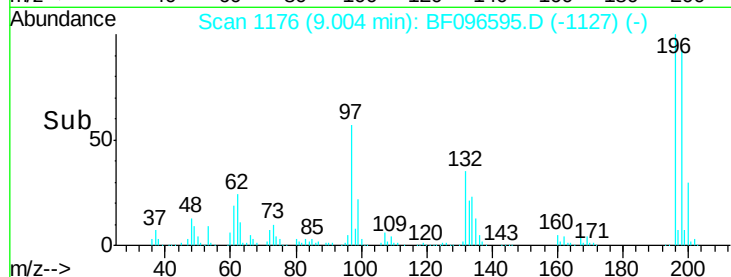
#43
 2,4,5-Trichlorophenol
 Concen: 46.72 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 216452
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 97 57.4 47.7 71.5
 132 35.0 28.0 42.0

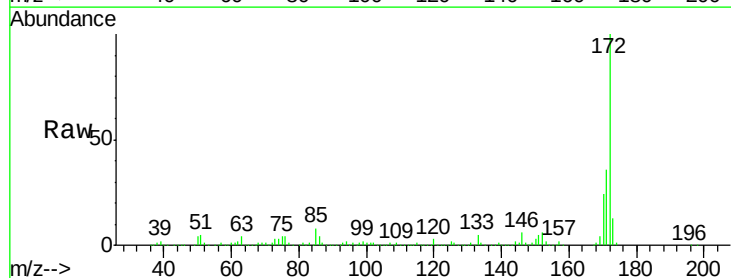


Abundance Ion 196.00 (195.70 to 196.70): E
 300000 Ion 198.00 (197.70 to 198.70): E
 250000 Ion 97.00 (96.70 to 97.70): BF0
 200000 Ion 132.00 (131.70 to 132.70): E

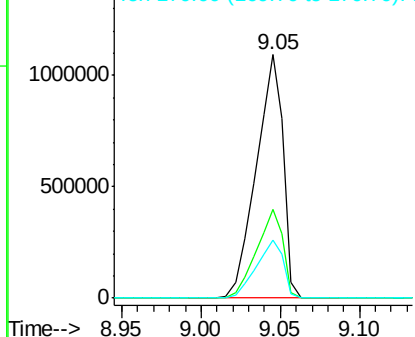
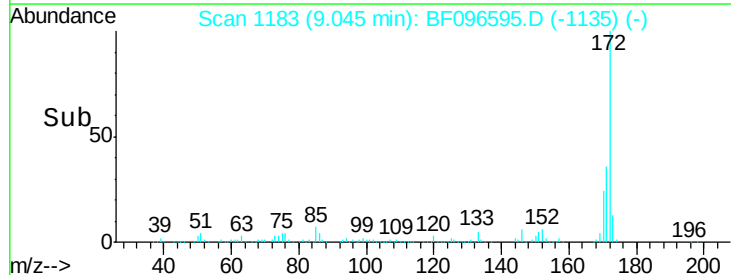


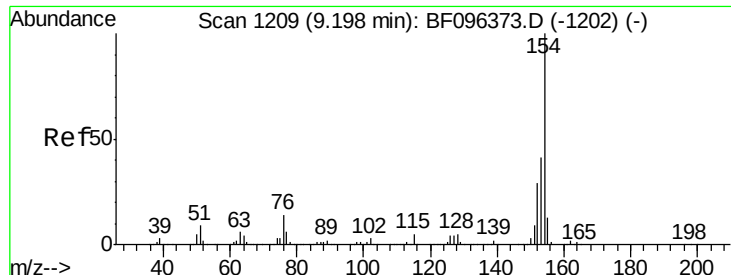
#44
 2-Fluorobiphenyl
 Concen: 96.62 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:172 Resp: 1289081
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 1000000 Ion 170.00 (169.70 to 170.70): E

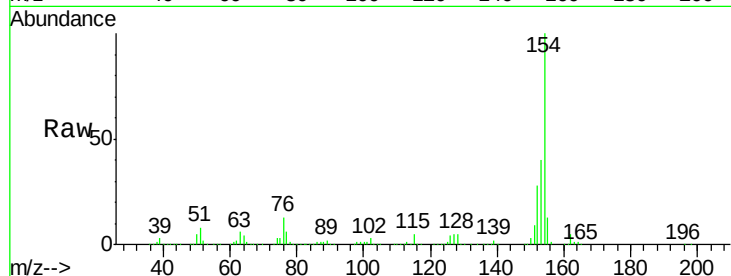




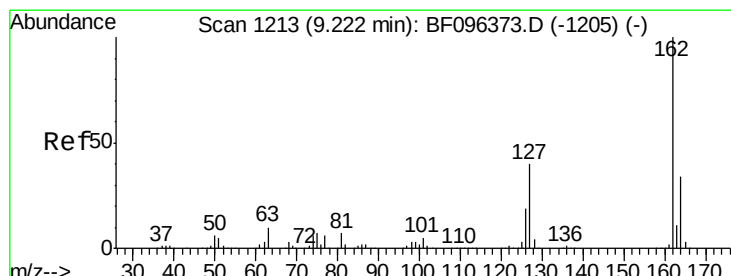
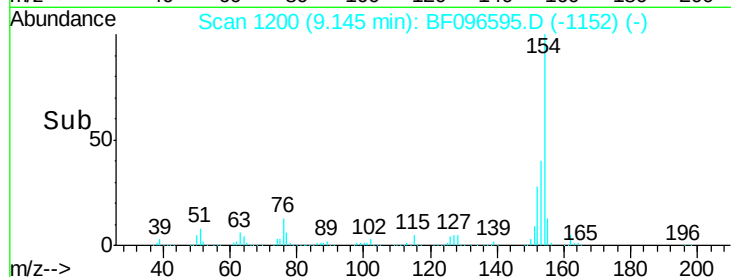
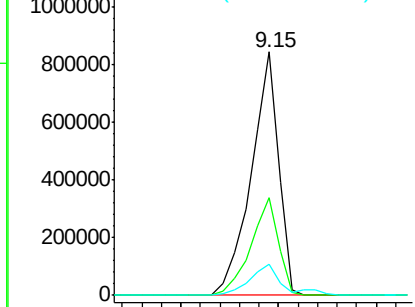
#45
 1,1'-Biphenyl
 Concen: 42.04 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 821748
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.2 61.2
 76 12.6 0.0 29.9

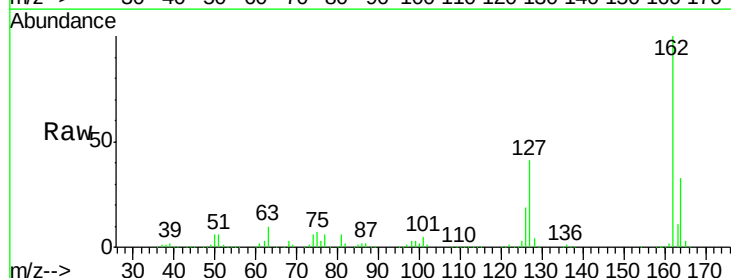


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

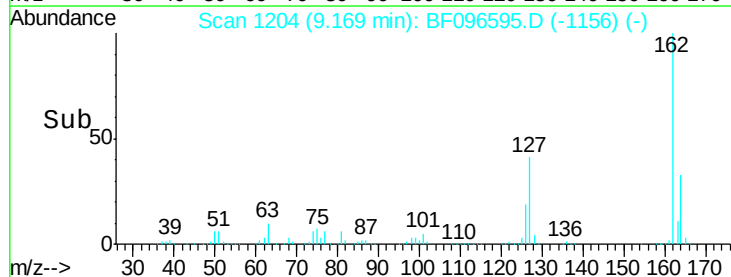
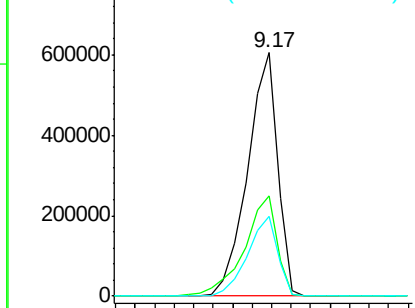


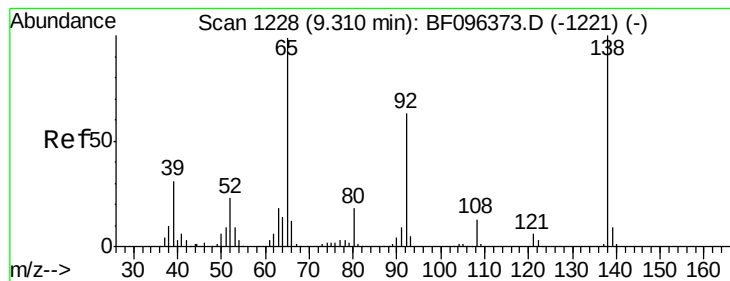
#46
 2-Chloronaphthalene
 Concen: 44.18 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:162 Resp: 643552
 Ion Ratio Lower Upper
 162 100
 127 41.2 28.3 42.5
 164 32.9 27.0 40.4



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





#47

2-Nitroaniline

Concen: 45.12 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

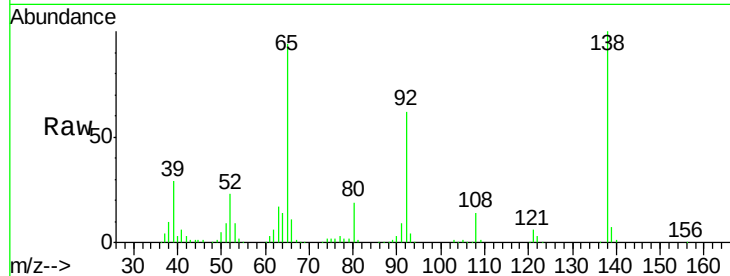
Tot Ion: 65 Resp: 239153

Ion Ratio Lower Upper

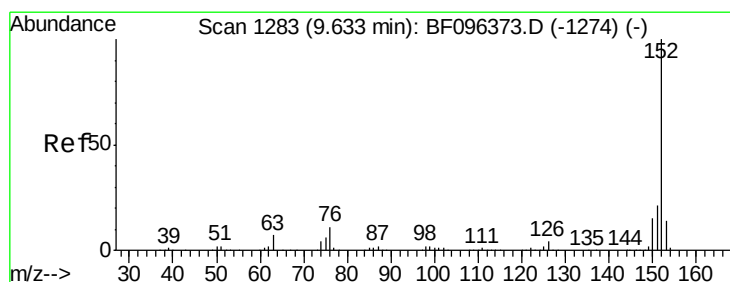
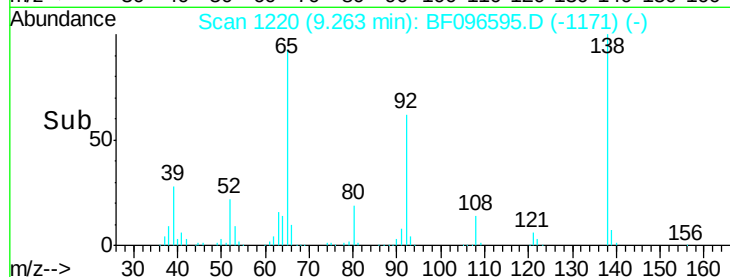
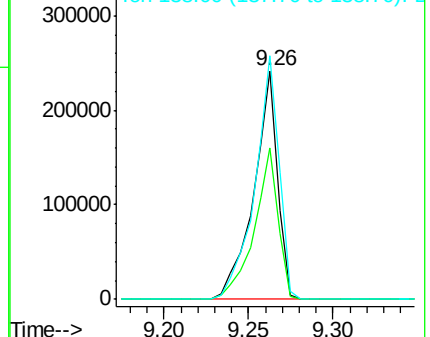
65 100

92 66.0 53.9 80.9

138 106.5 78.8 118.2



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



#48

Acenaphthylene

Concen: 45.25 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

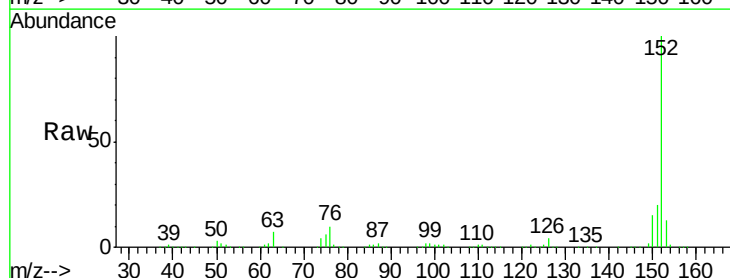
Tgt Ion: 152 Resp: 1044408

Ion Ratio Lower Upper

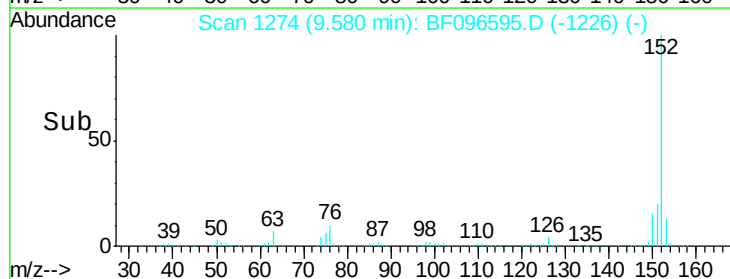
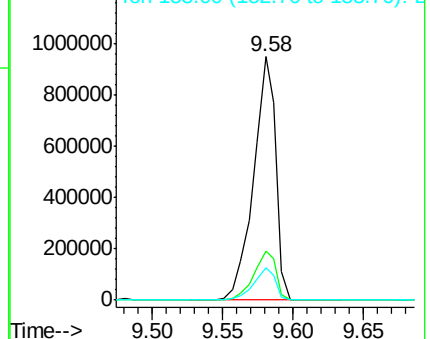
152 100

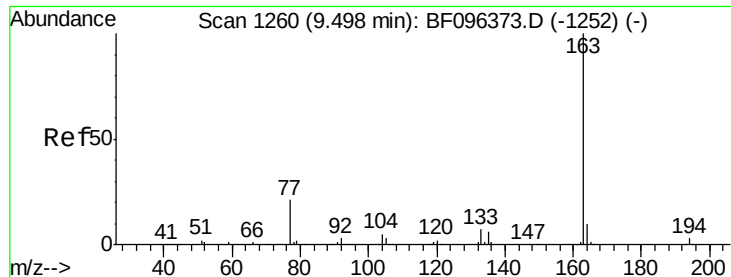
151 20.4 16.8 25.2

153 13.3 10.8 16.2



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

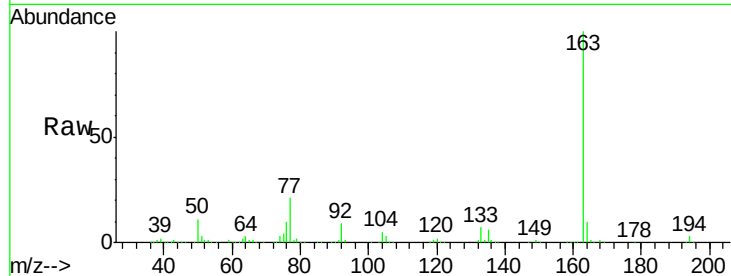




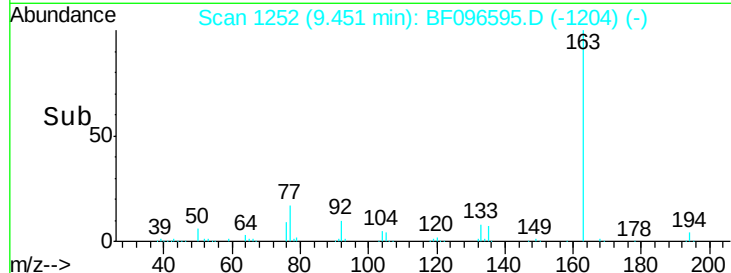
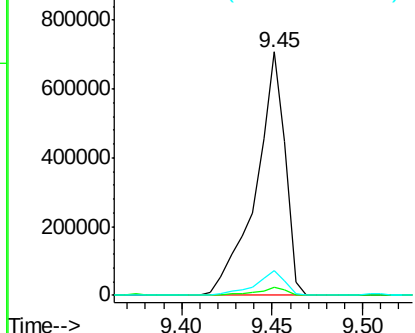
#49
Dimethylphthalate
Concen: 46.60 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 793542
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.4 12.6

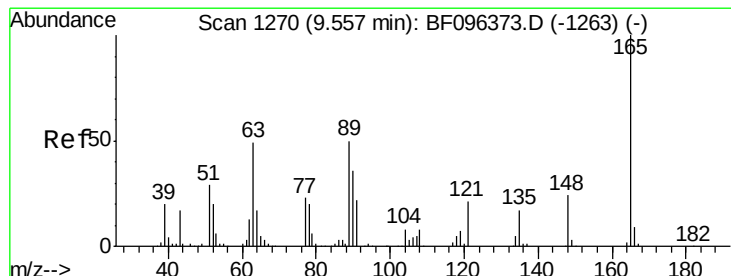


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

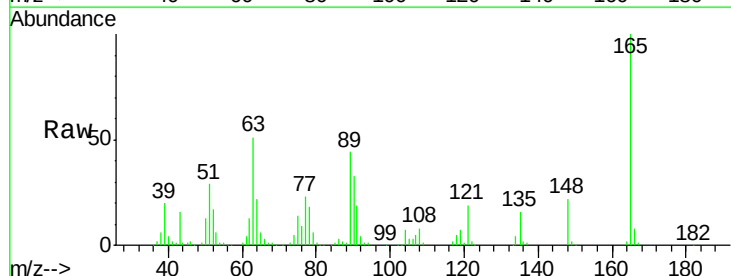
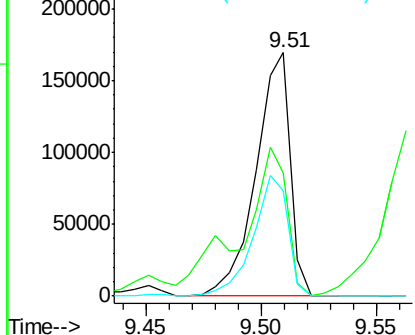


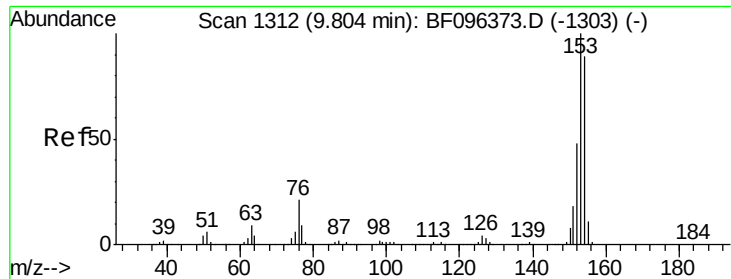
#50
2,6-Dinitrotoluene
Concen: 46.85 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:165 Resp: 176432
Ion Ratio Lower Upper
165 100
63 50.7 34.3 51.5
89 43.5 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.77 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

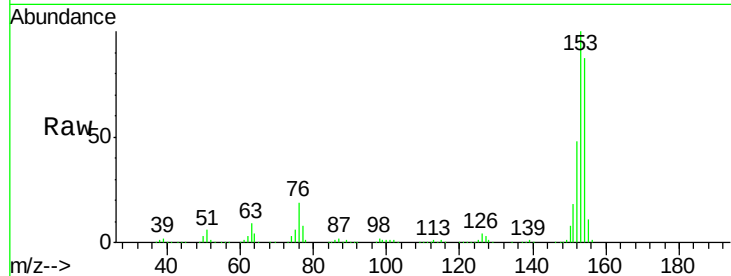
Tot Ion:154 Resp: 608407

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

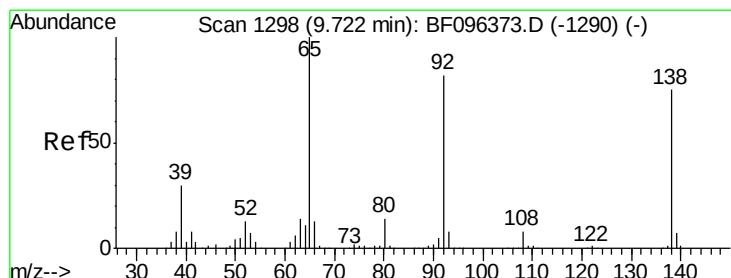
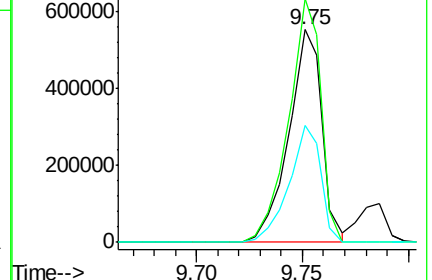
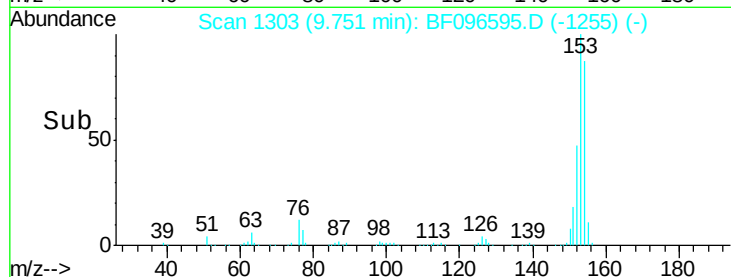
152 54.7 43.6 65.4



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: 20.34 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

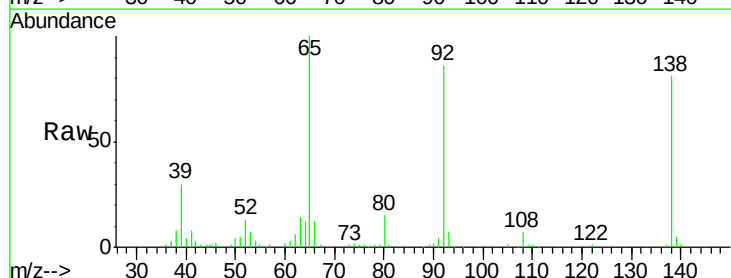
Tgt Ion:138 Resp: 95546

Ion Ratio Lower Upper

138 100

108 8.9 9.1 13.7#

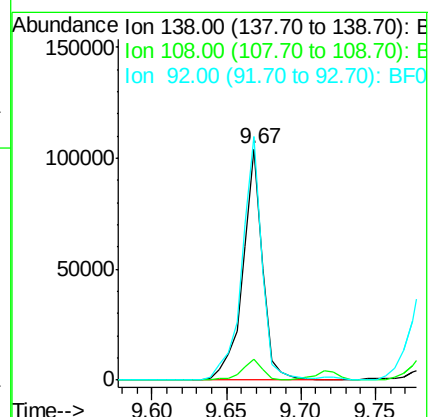
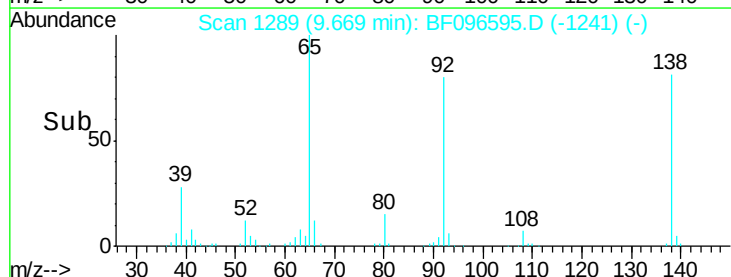
92 105.5 93.8 140.6

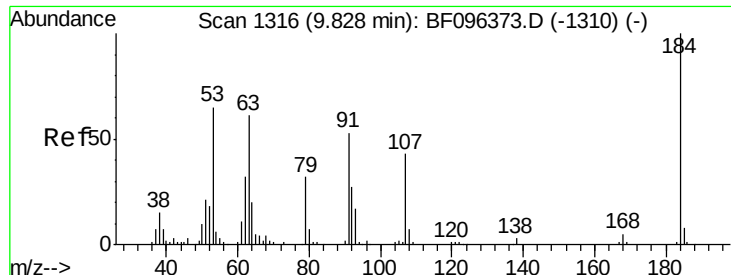


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

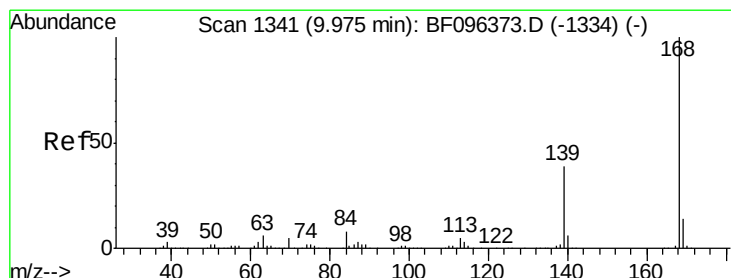
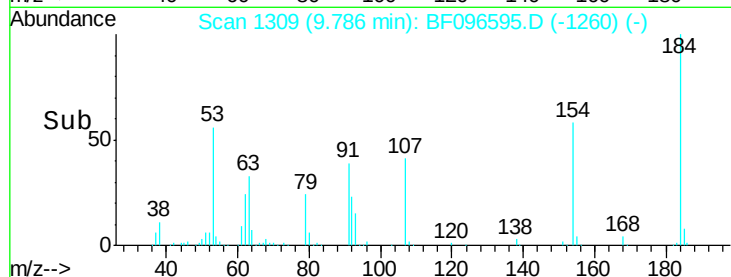
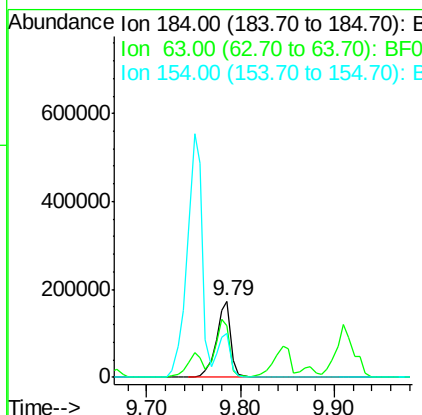
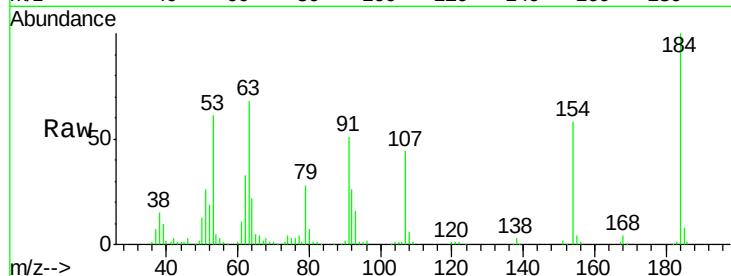




#53
2,4-Dinitrophenol
Concen: 94.15 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

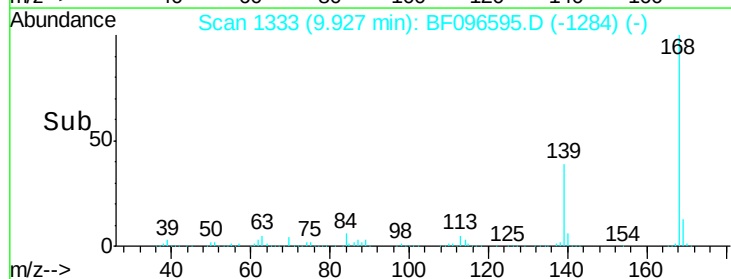
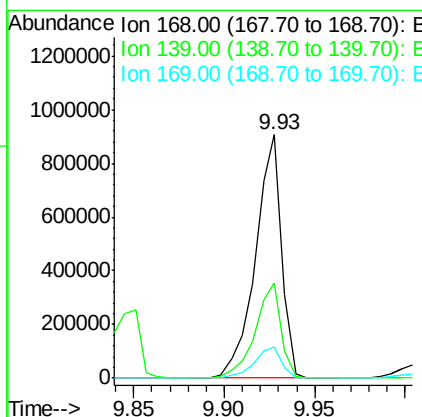
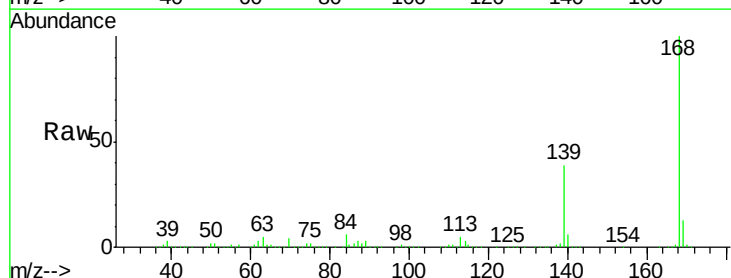
Instrument :
BNA_F
ClientSampled :

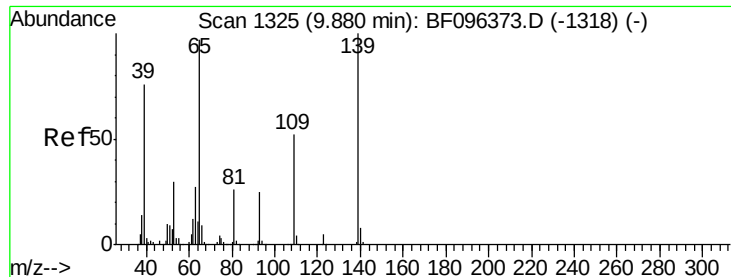
Tot Ion:184 Resp: 188300
Ion Ratio Lower Upper
184 100
63 68.2 62.7 94.1
154 57.6 81.1 121.7#



#54
Dibenzofuran
Concen: 48.18 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:168 Resp: 904949
Ion Ratio Lower Upper
168 100
139 38.8 30.6 45.8
169 13.0 10.8 16.2

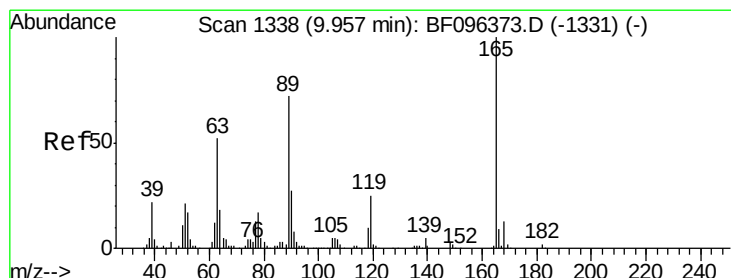
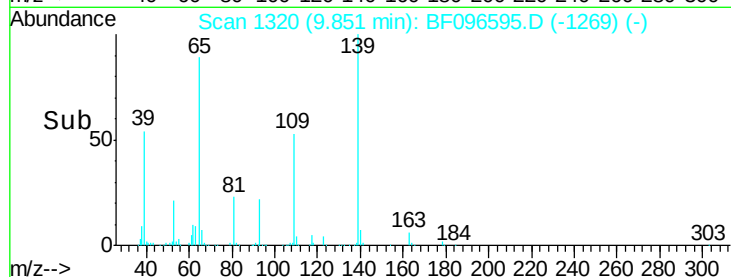
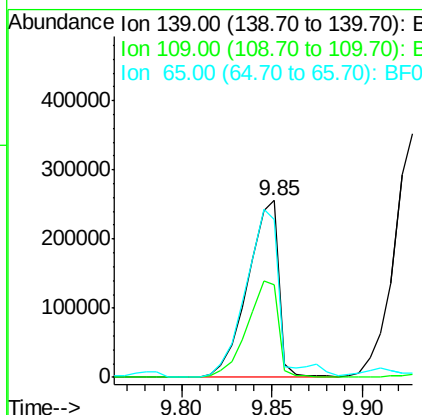
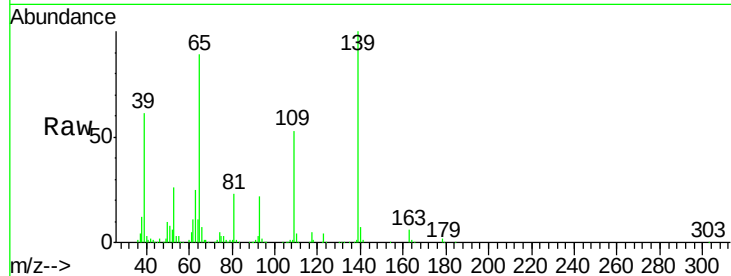




#55
4-Nitrophenol
Concen: 78.85 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

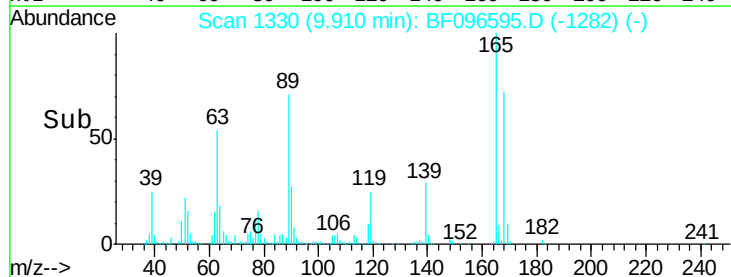
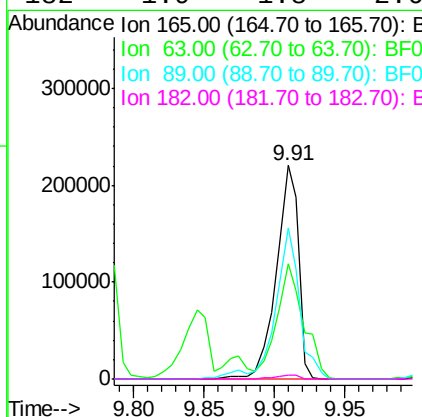
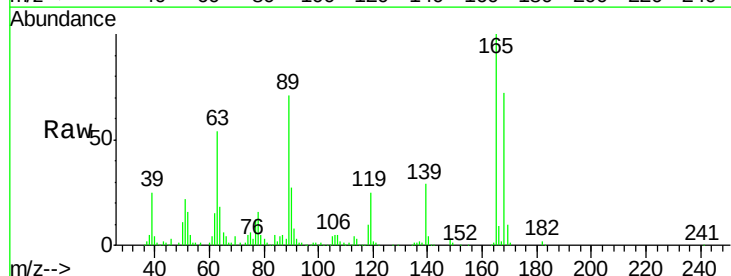
Instrument :
BNA_F
ClientSampled :

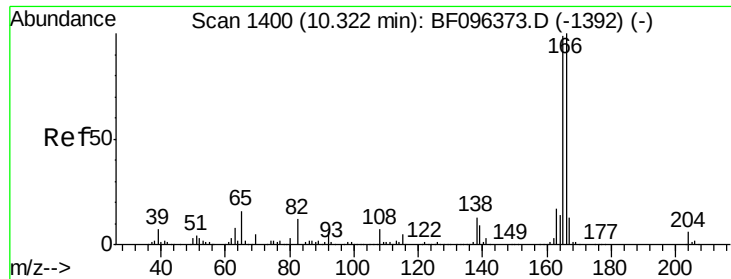
Tot Ion:139 Resp: 306957
Ion Ratio Lower Upper
139 100
109 52.5 34.1 74.1
65 89.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 50.58 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:165 Resp: 241188
Ion Ratio Lower Upper
165 100
63 54.1 25.4 38.0#
89 70.6 46.4 69.6#
182 1.9 1.8 2.6





#57

Fluorene

Concen: 49.39 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

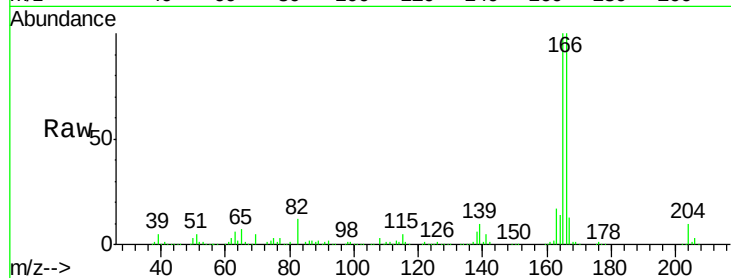
Tot Ion:166 Resp: 655236

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

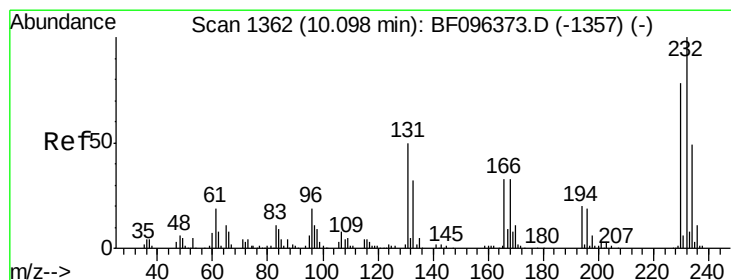
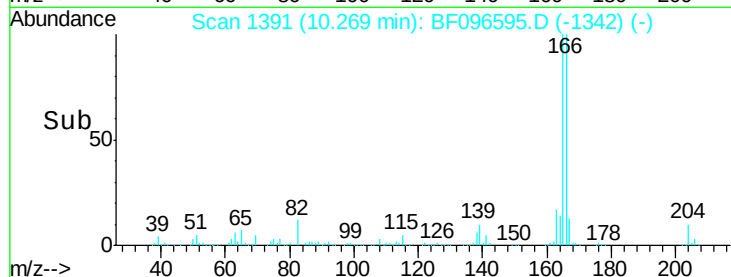
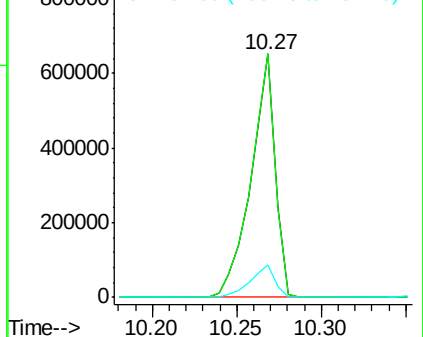
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.84 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Tgt Ion:232 Resp: 172566

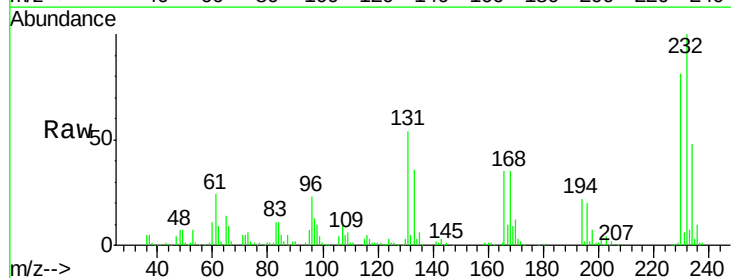
Ion Ratio Lower Upper

232 100

131 52.9 44.8 67.2

130 2.6 2.3 3.5

166 34.0 29.0 43.4

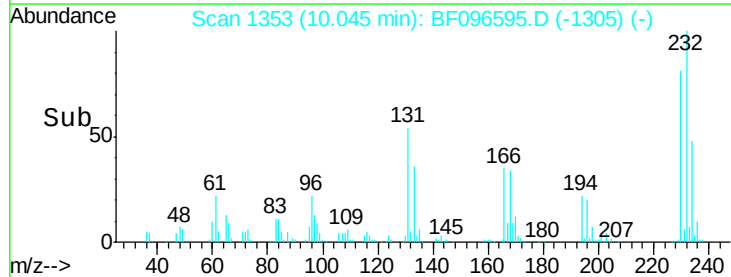
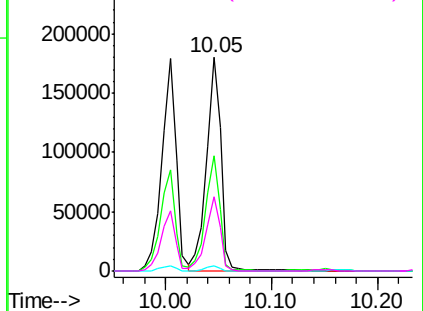


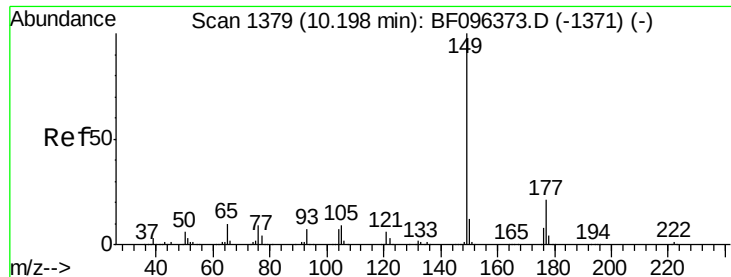
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

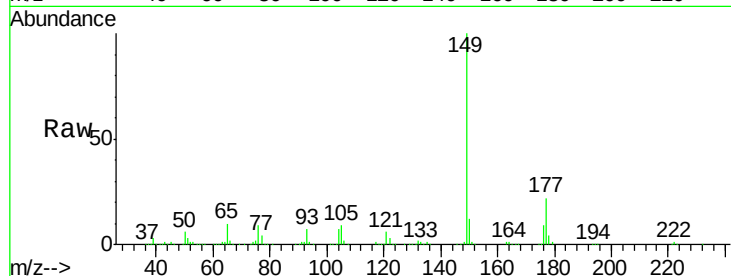




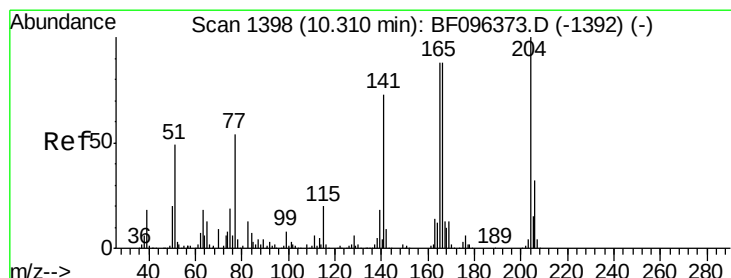
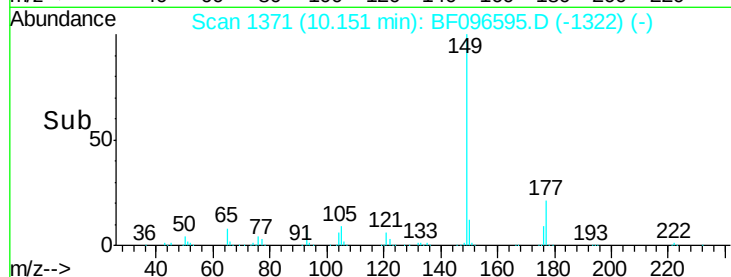
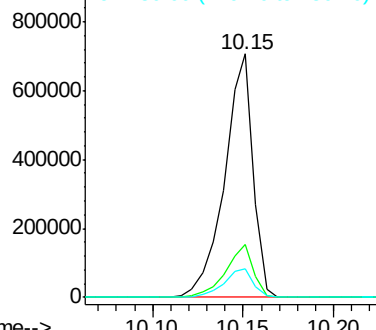
#59
Diethylphthalate
Concen: 47.78 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.0	10.2	15.2

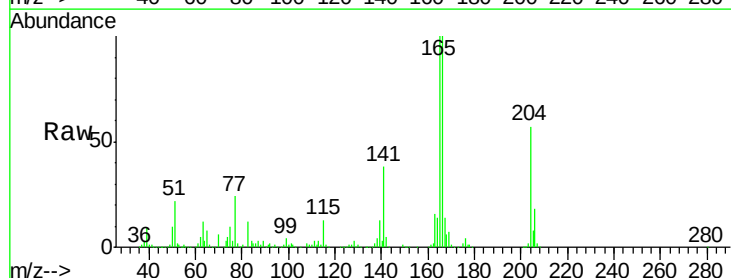


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

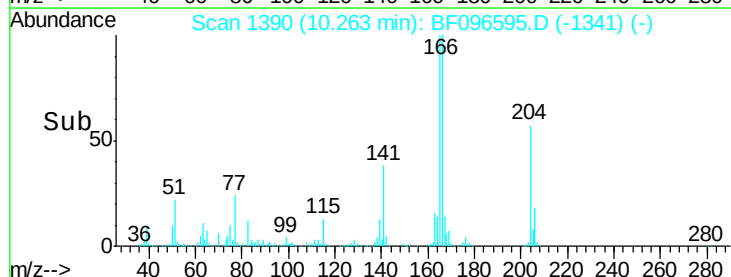
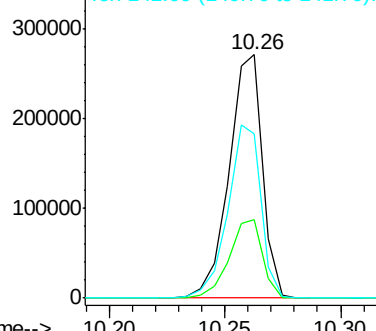


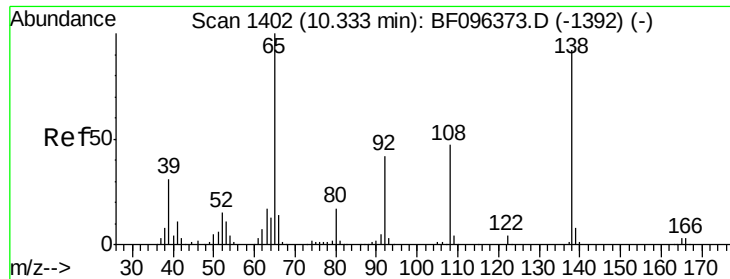
#60
4-Chlorophenyl-phenylether
Concen: 47.42 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	67.2	60.8	91.2



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

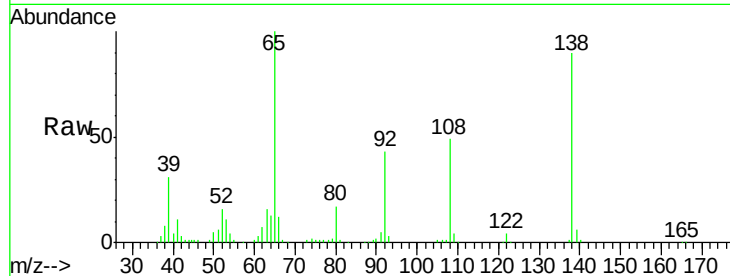




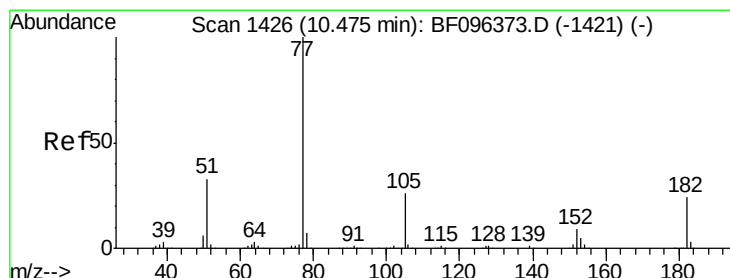
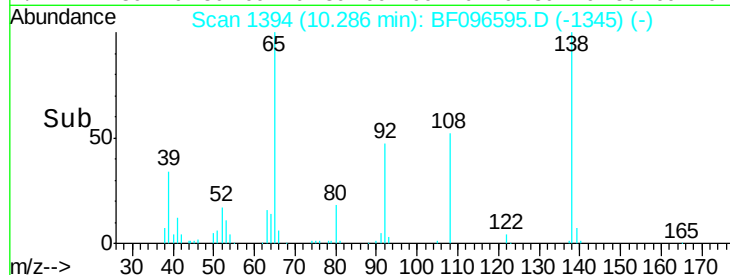
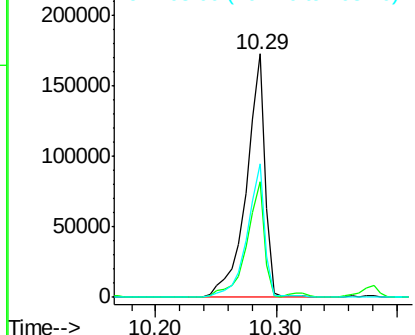
#61
4-Nitroaniline
Concen: 43.44 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 185527
Ion Ratio Lower Upper
138 100
92 47.3 21.8 61.8
108 54.7 42.3 82.3

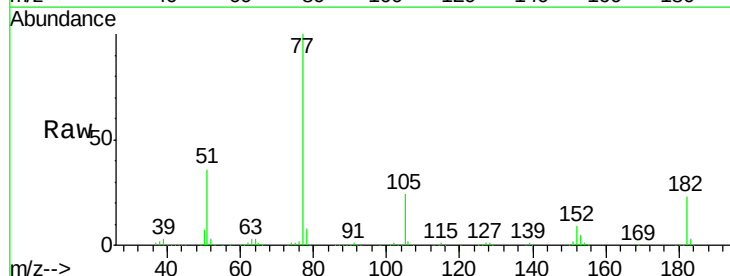


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

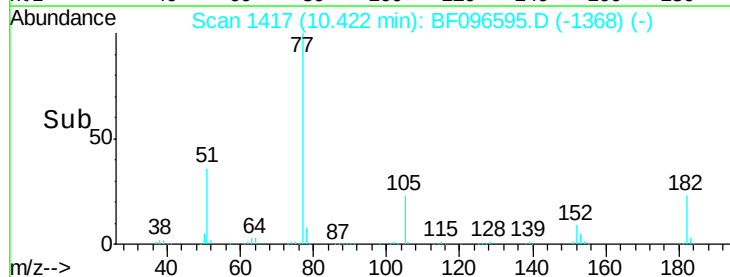
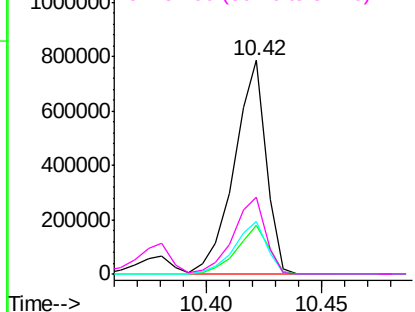


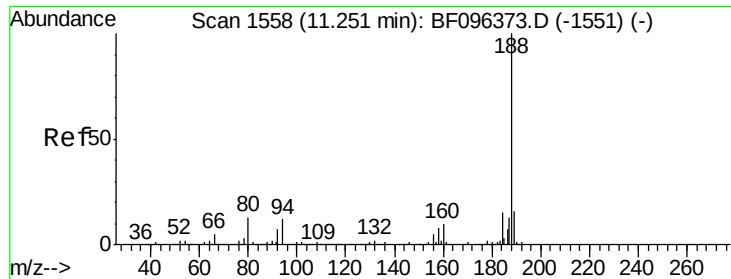
#62
Azobenzene
Concen: 48.68 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion: 77 Resp: 757617
Ion Ratio Lower Upper
77 100
182 23.0 0.1 40.1
105 24.5 3.6 43.6
51 35.9 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

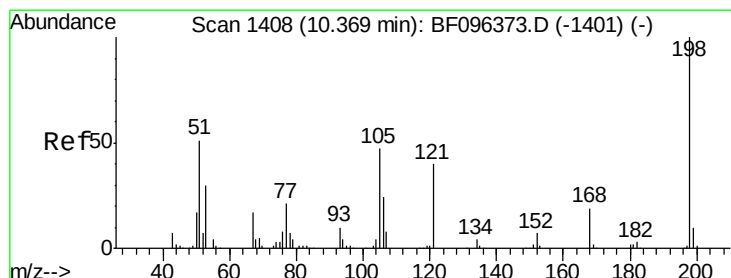
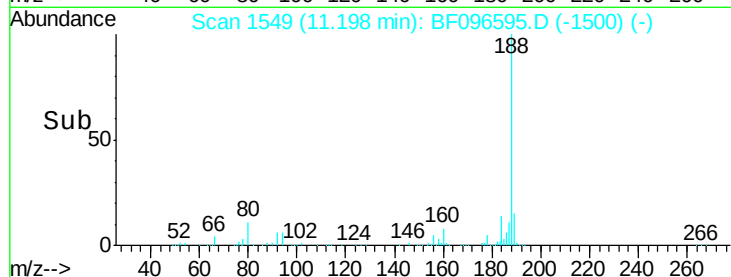
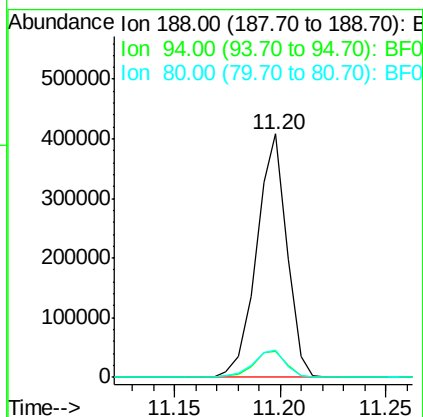
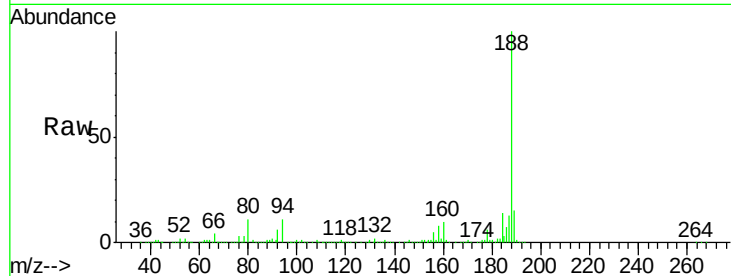




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

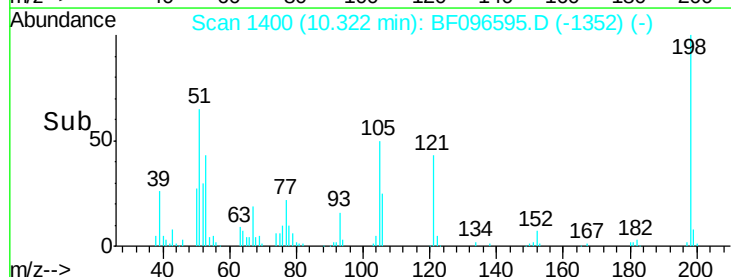
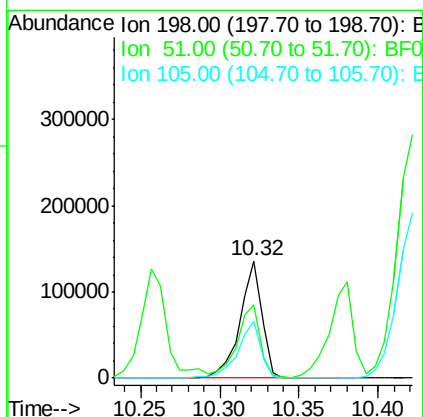
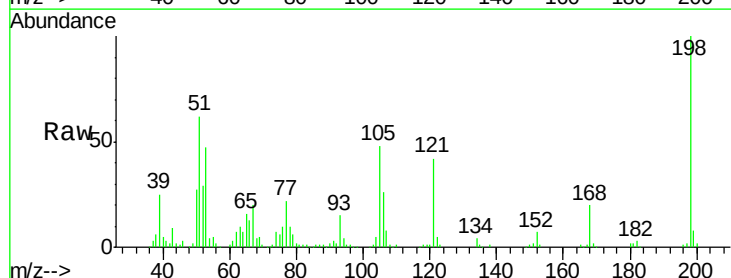
Instrument :
BNA_F
ClientSampleId :

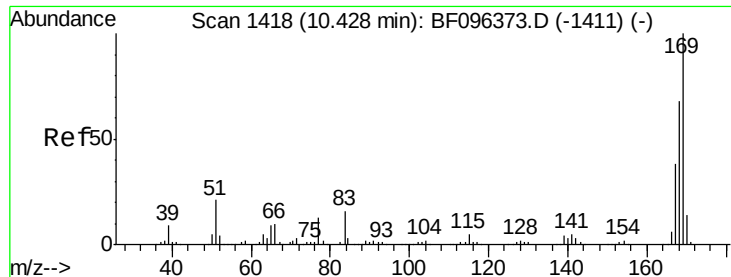
Tot Ion:188 Resp: 407597
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 46.57 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:198 Resp: 130911
Ion Ratio Lower Upper
198 100
51 62.5 53.2 93.2
105 47.7 45.8 85.8

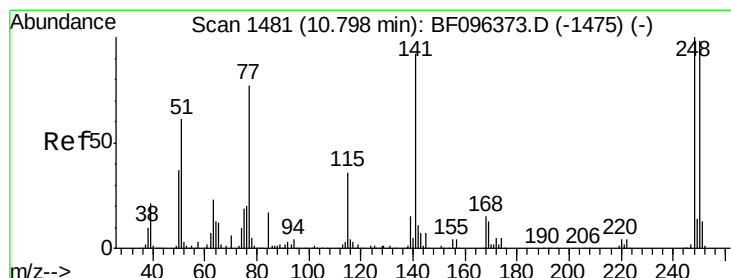
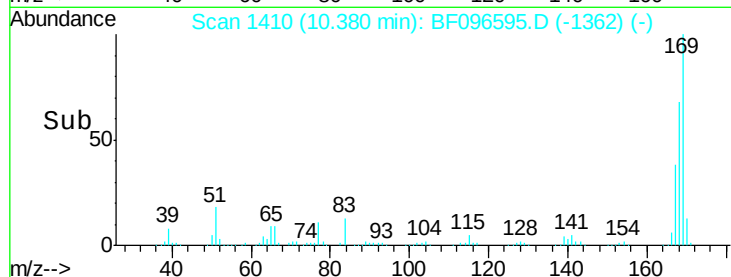
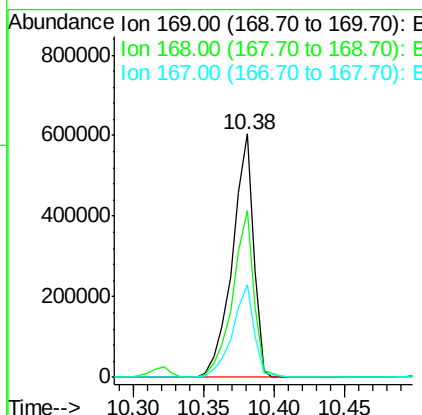
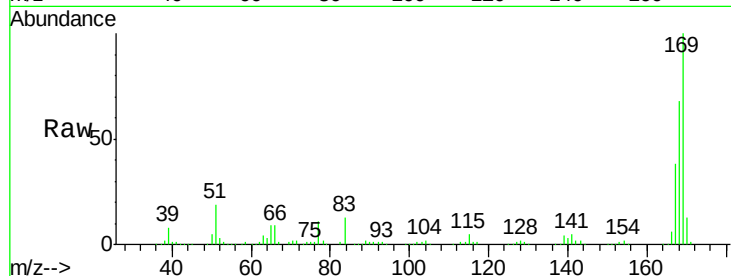




#65
 n-Nitrosodiphenylamine
 Concen: 44.19 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

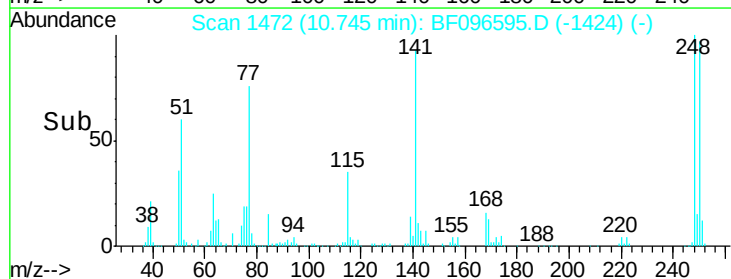
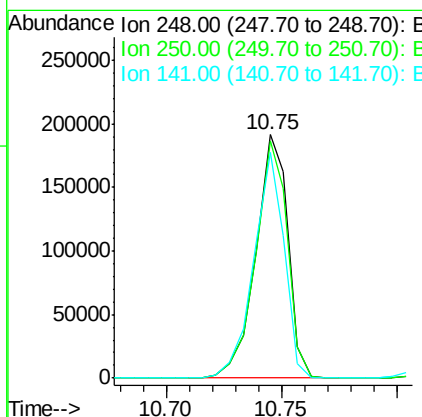
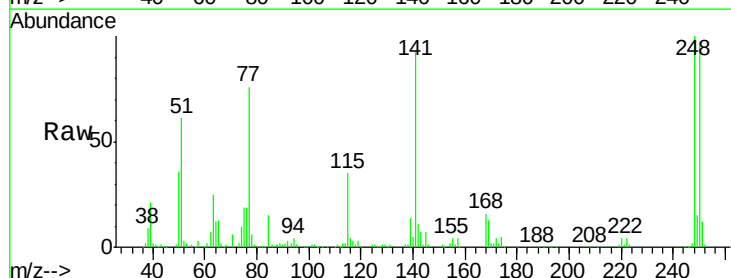
Instrument :
 BNA_F
 ClientSampleId :

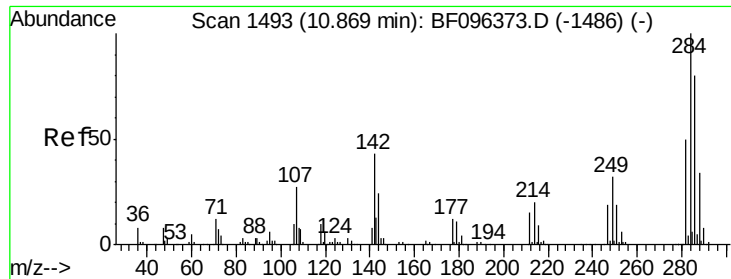
Tot Ion:169 Resp: 631963
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.2 79.8
 167 38.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 46.81 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:248 Resp: 185741
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.8 115.2
 141 92.6 68.6 103.0

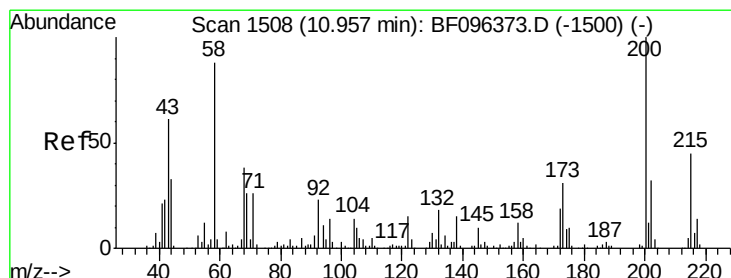
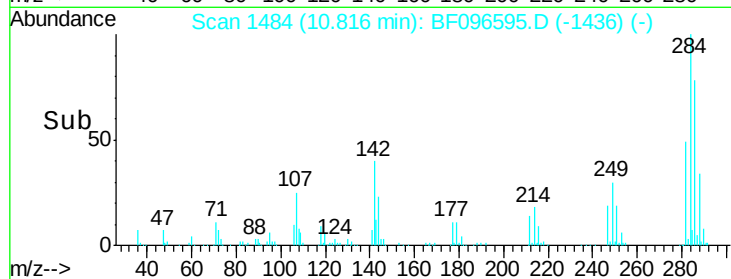
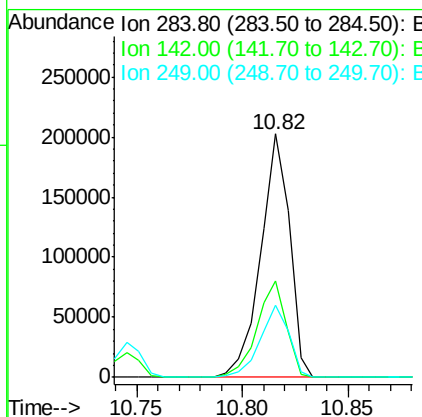
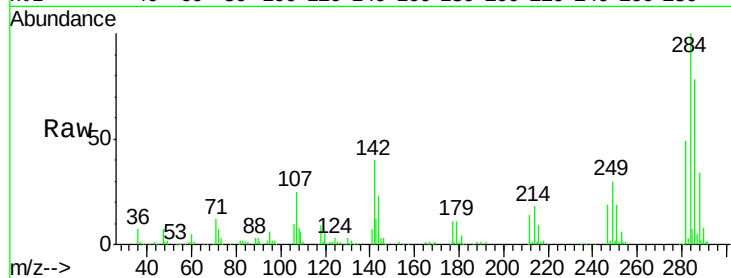




#67
Hexachlorobenzene
Concen: 44.50 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

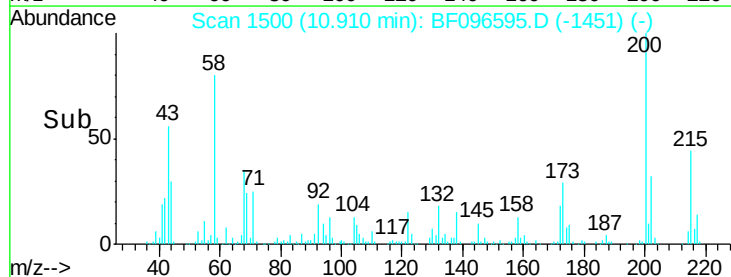
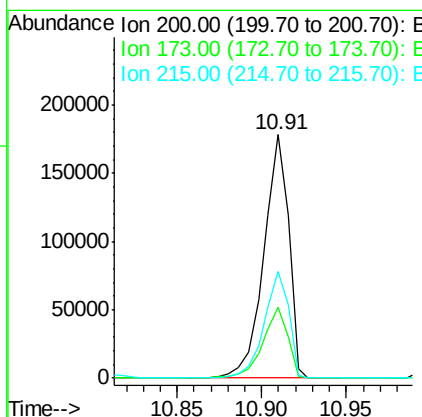
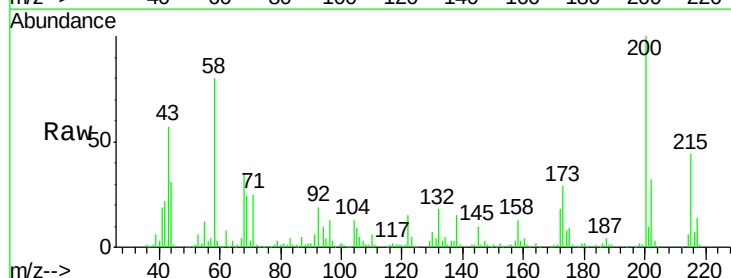
Instrument :
BNA_F
ClientSampleId :

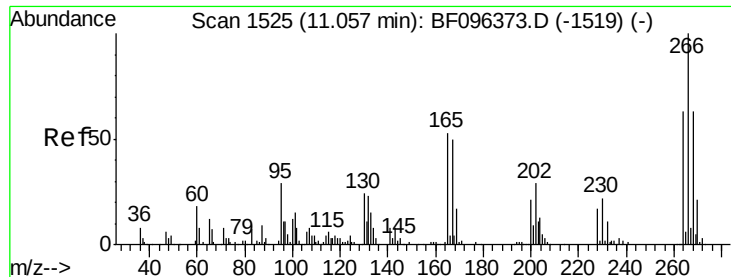
Tot Ion:284 Resp: 193306
Ion Ratio Lower Upper
284 100
142 39.7 22.8 34.2#
249 29.7 24.0 36.0



#68
Atrazine
Concen: 44.28 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:200 Resp: 180930
Ion Ratio Lower Upper
200 100
173 29.3 6.3 46.3
215 43.8 27.2 67.2

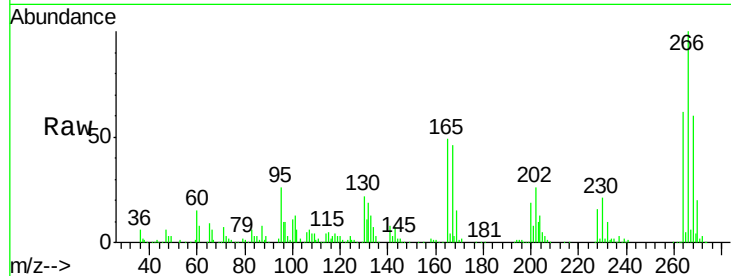




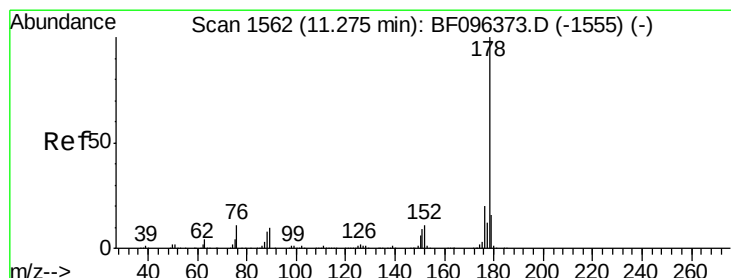
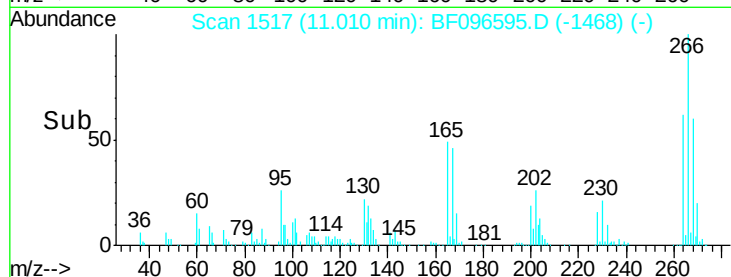
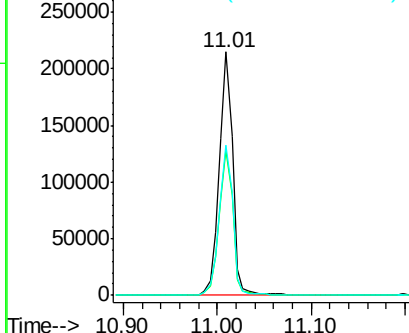
#69
 Pentachlorophenol
 Concen: 84.32 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 217072
 Ion Ratio Lower Upper
 266 100
 268 59.7 51.1 76.7
 264 61.7 51.7 77.5

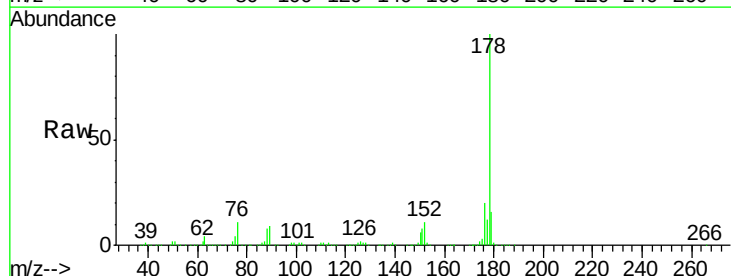


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

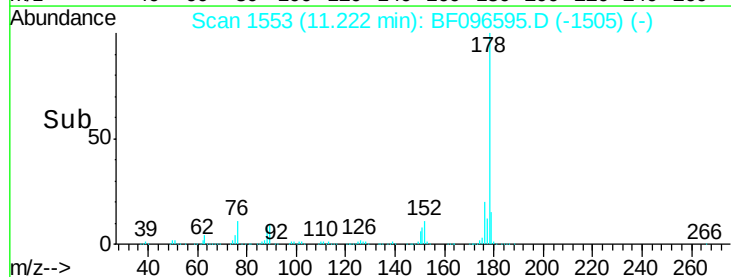
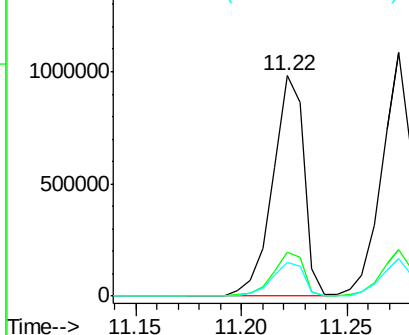


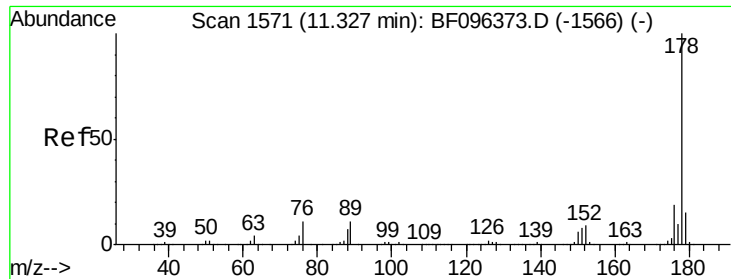
#70
 Phenanthrene
 Concen: 45.79 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:178 Resp: 1009032
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.5 12.6 19.0



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

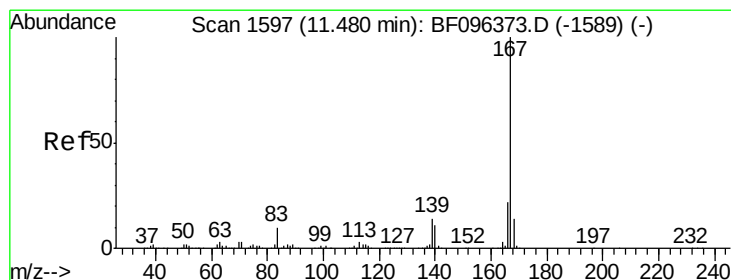
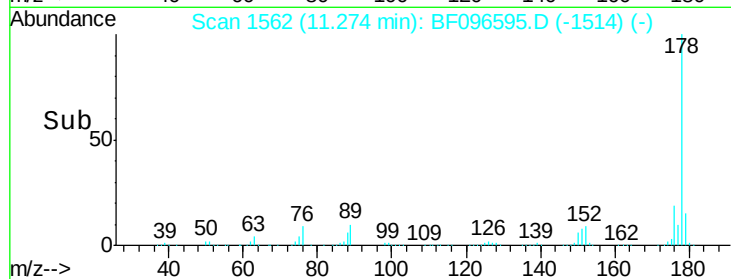
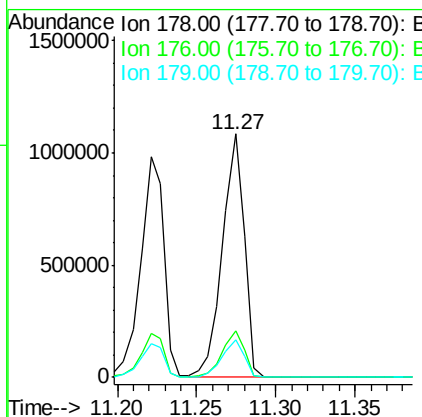
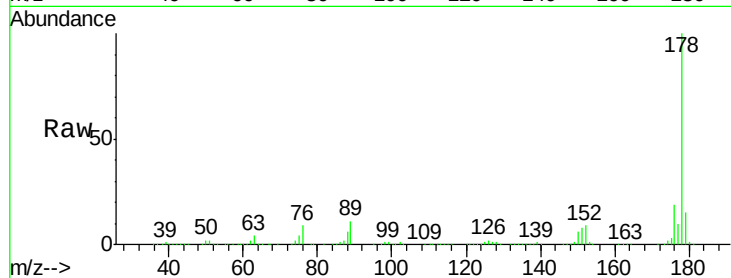




#71
 Anthracene
 Concen: 46.23 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

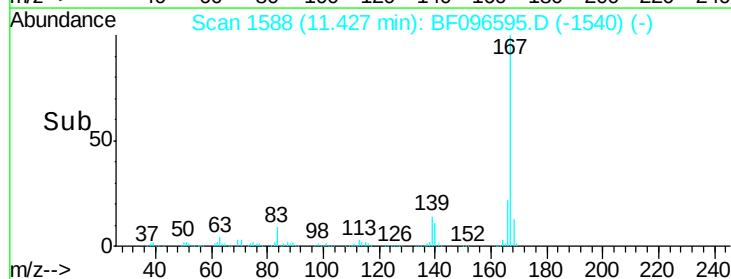
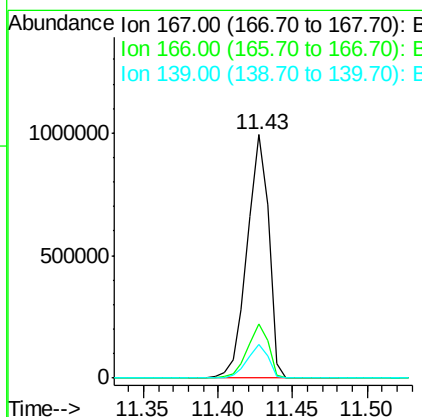
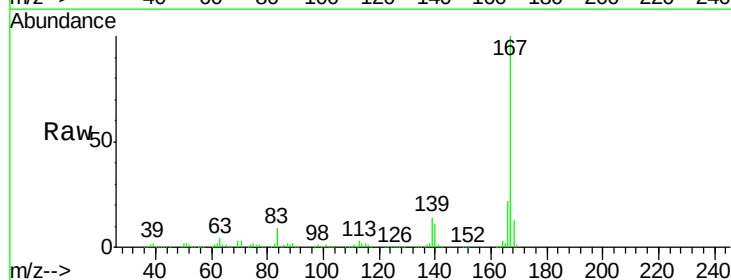
Instrument :
 BNA_F
 ClientSampleId :

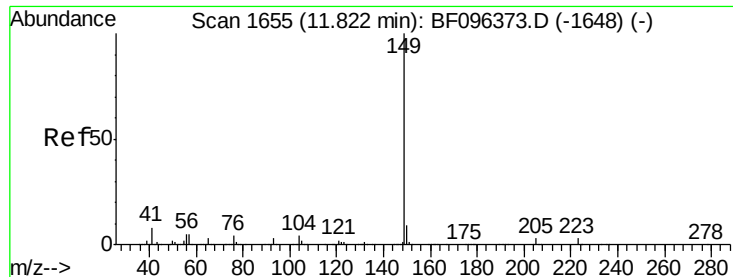
Tot Ion:178 Resp: 1038076
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 44.01 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:167 Resp: 993752
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.25 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

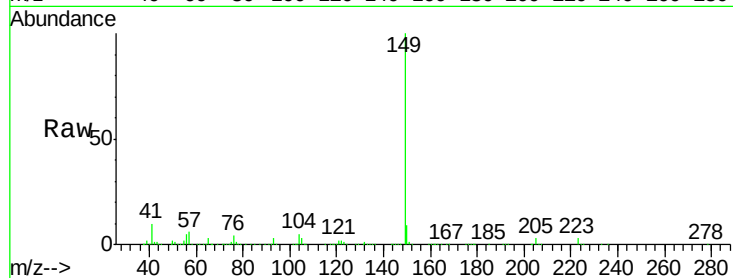
Tot Ion:149 Resp: 1210309

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

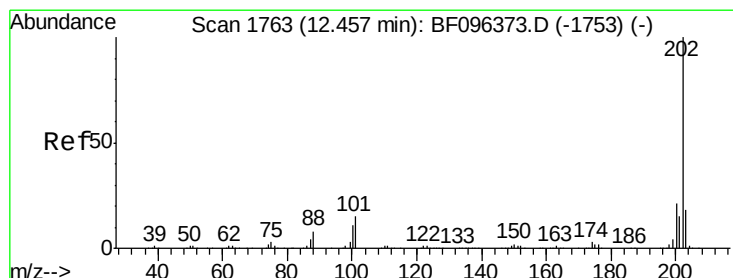
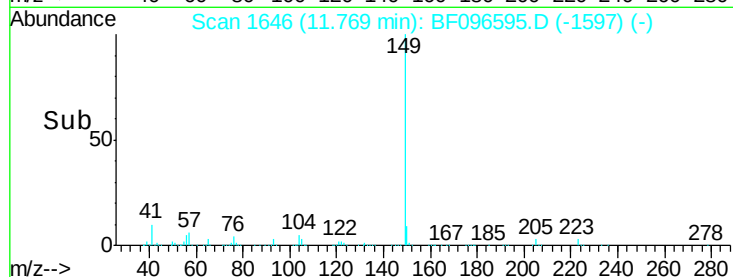
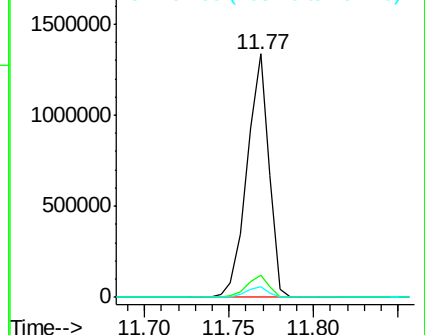
104 4.6 4.0 6.0



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: 47.29 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

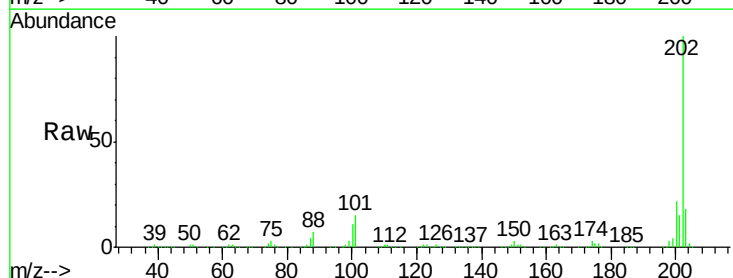
Tgt Ion:202 Resp: 1021530

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

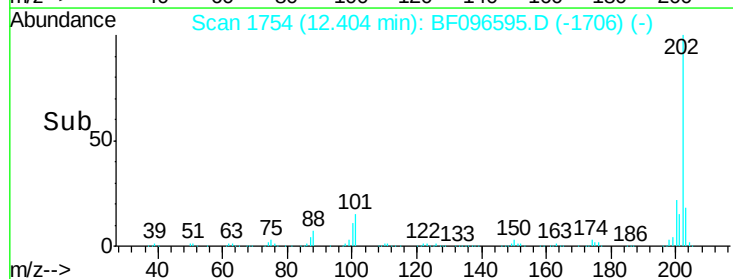
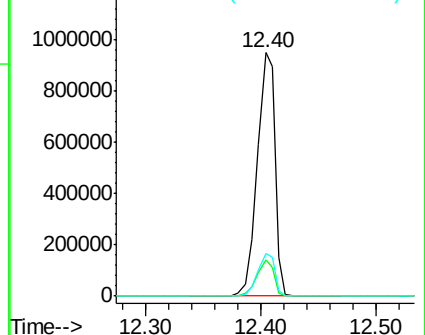
203 17.5 0.0 38.1

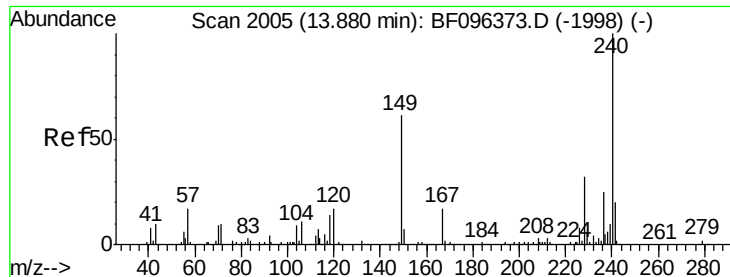


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

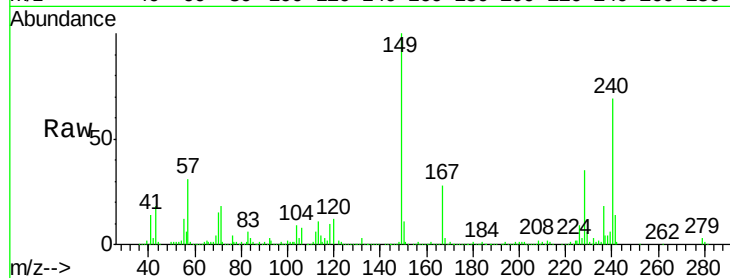
Tot Ion:240 Resp: 264777

Ion Ratio Lower Upper

240 100

120 17.1 5.8 8.8#

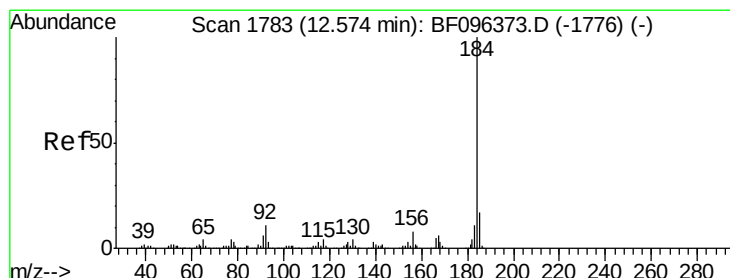
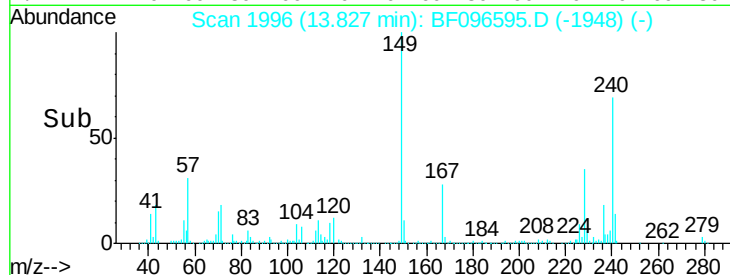
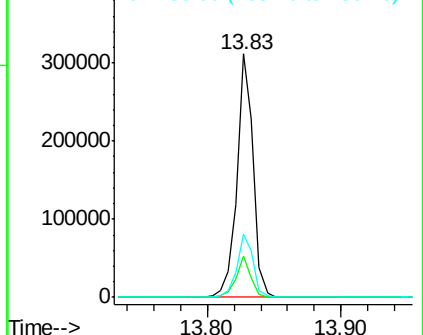
236 26.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.20 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

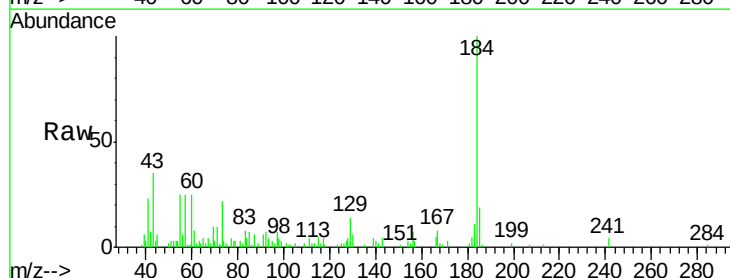
Tgt Ion:184 Resp: 27980

Ion Ratio Lower Upper

184 100

185 18.7 15.5 23.3

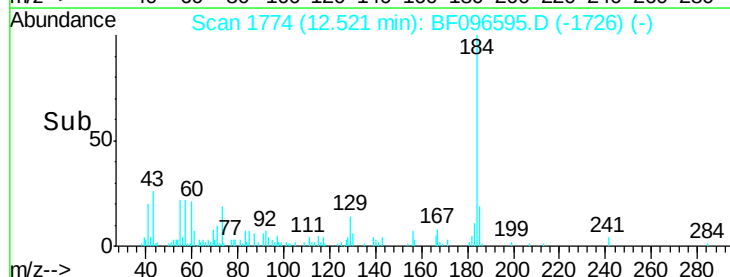
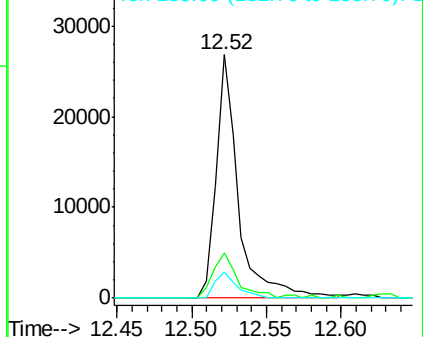
183 10.9 9.8 14.6

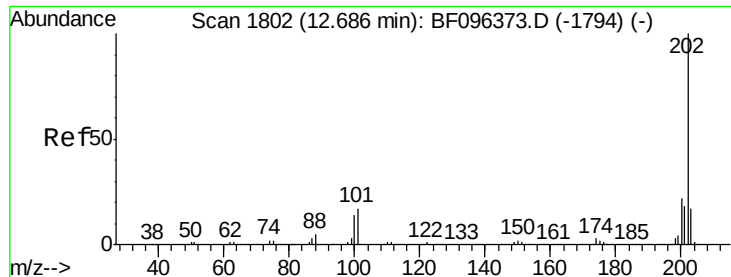


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

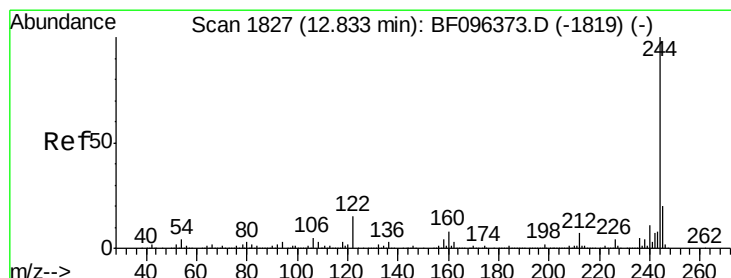
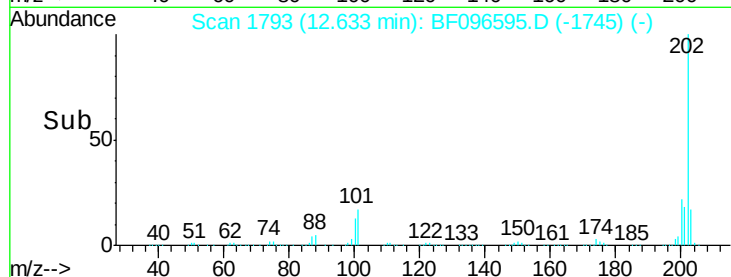
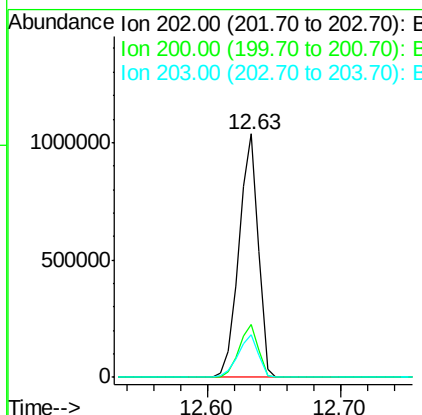
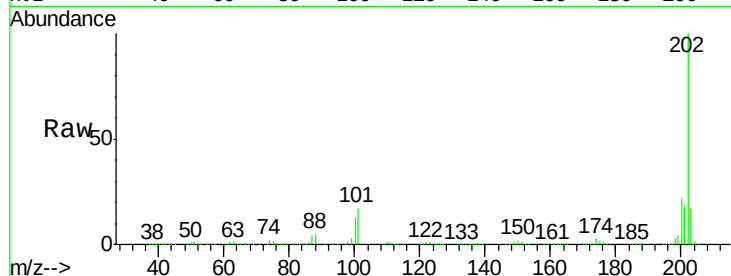




#77
 Pvrene
 Concen: 49.15 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

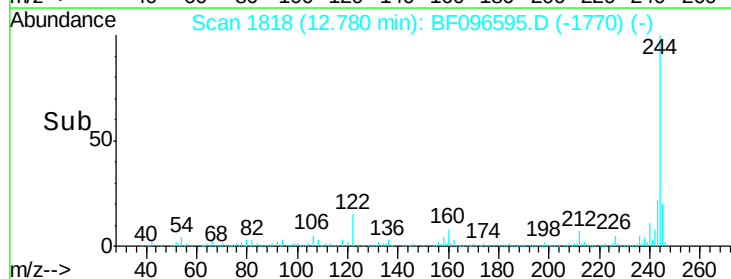
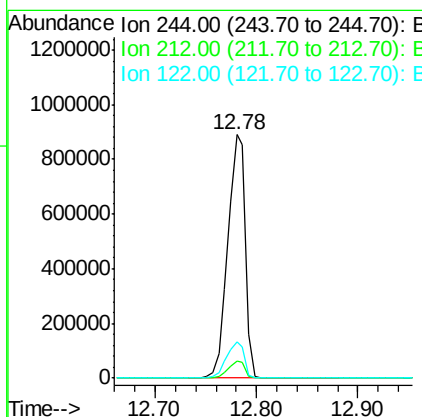
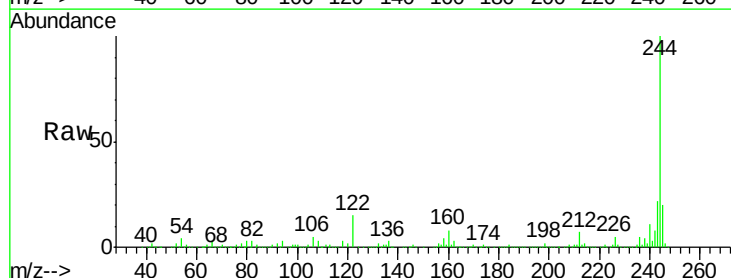
Instrument :
 BNA_F
 ClientSampled :

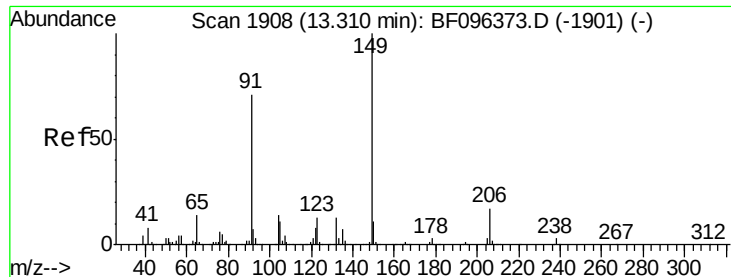
Tot Ion:202 Resp: 1044551
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.6 26.4
 203 17.5 14.4 21.6



#78
 Terphenyl-d14
 Concen: 85.80 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:244 Resp: 1063122
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 15.1 10.3 15.5

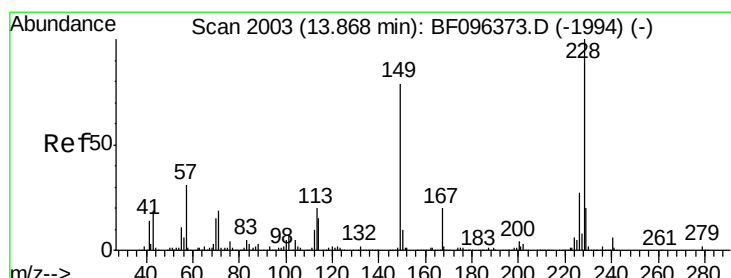
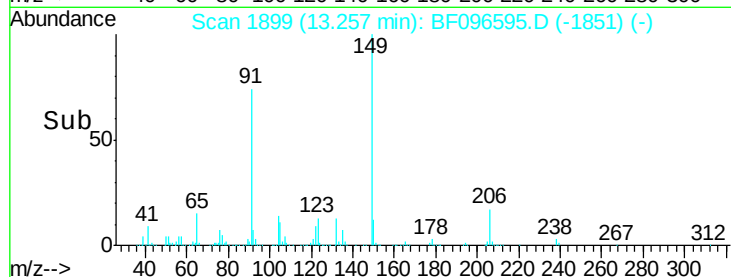
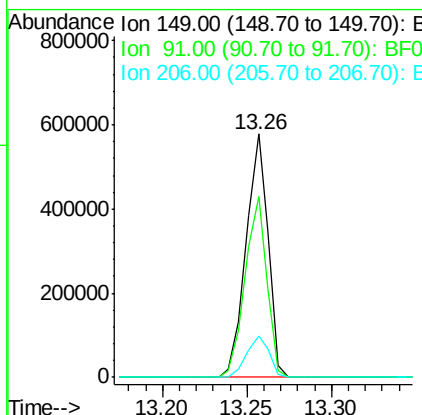
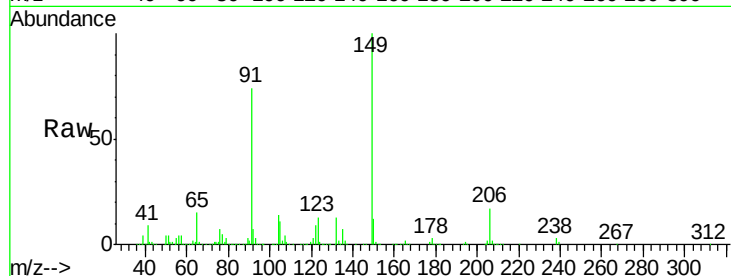




#79
Butylbenzylphthalate
Concen: 49.14 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

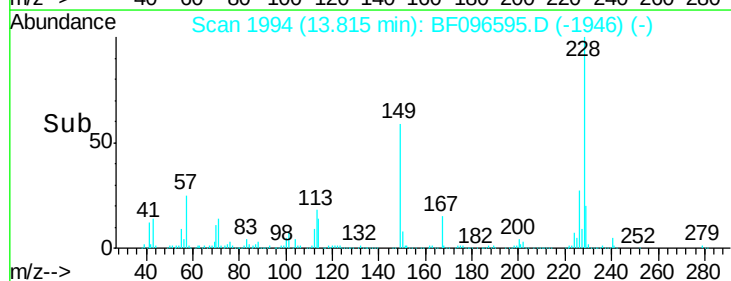
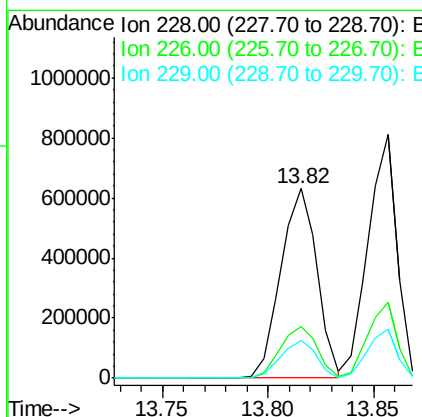
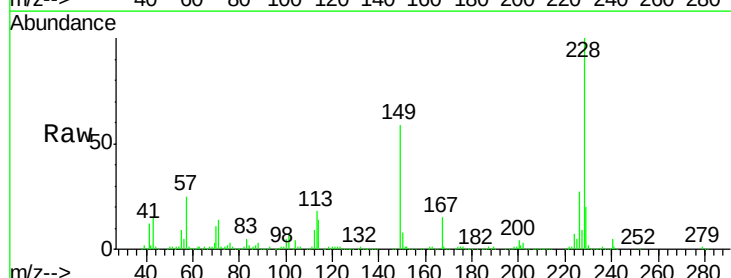
Instrument :
BNA_F
ClientSampleId :

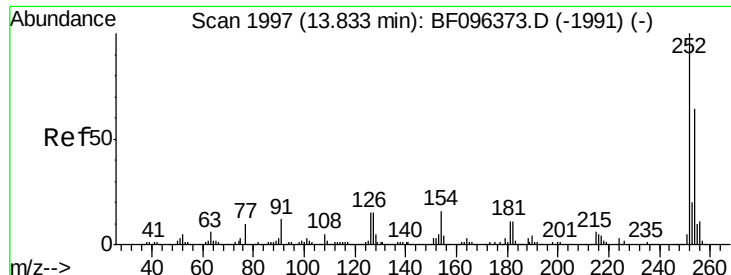
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	45.0	67.4#
206	17.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 49.01 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.6	16.3	24.5

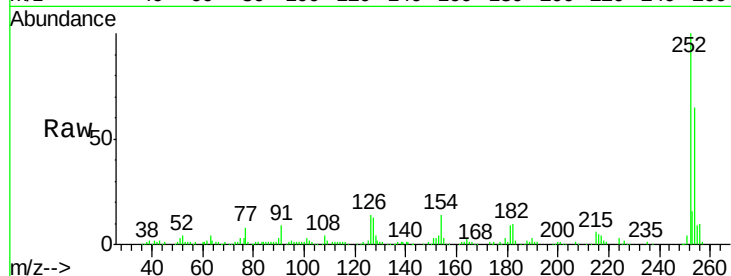




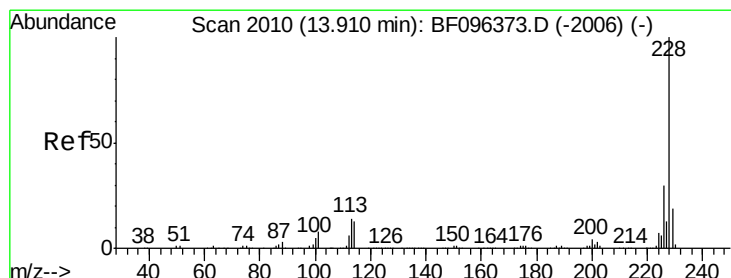
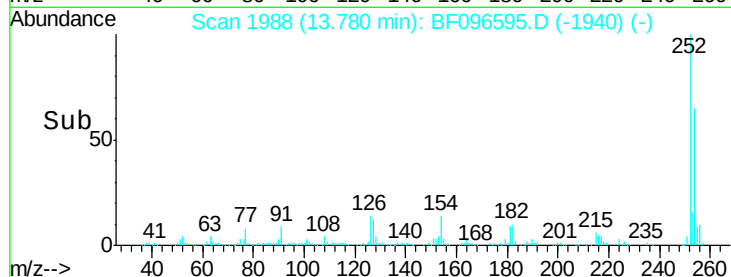
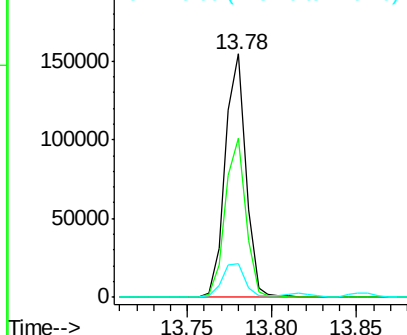
#81
 3,3'-Dichlorobenzidine
 Concen: 20.93 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 131801
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.5 77.3
 126 13.9 15.8 23.8#

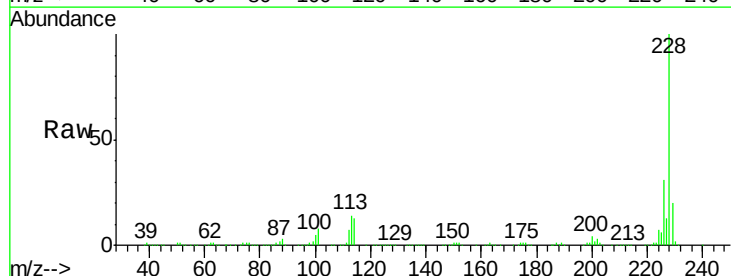


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

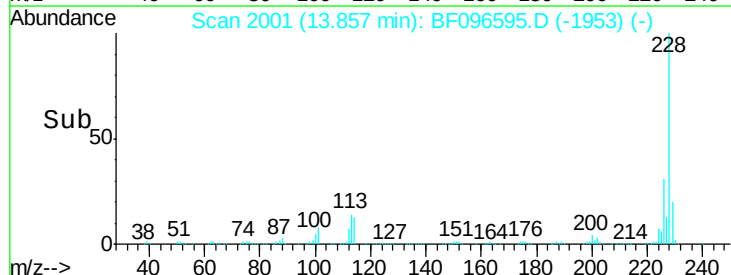
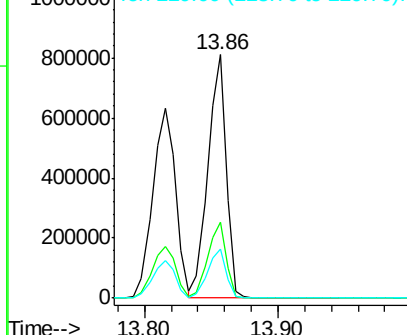


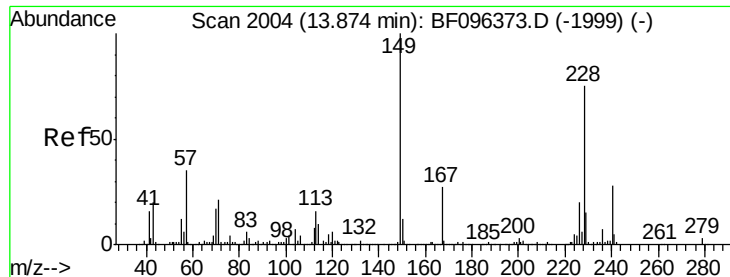
#82
 Chrysene
 Concen: 48.57 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion:228 Resp: 779924
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 20.0 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: 49.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

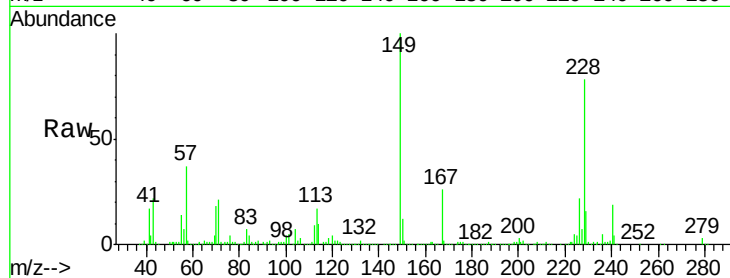
Tot Ion:149 Resp: 588473

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

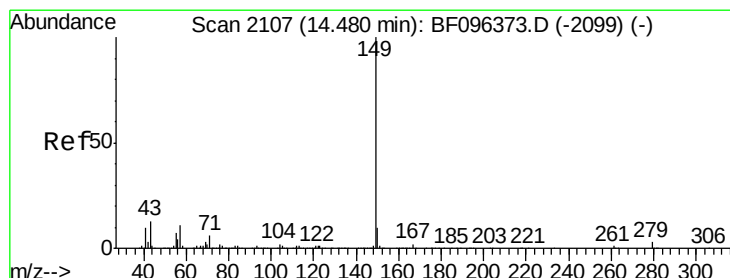
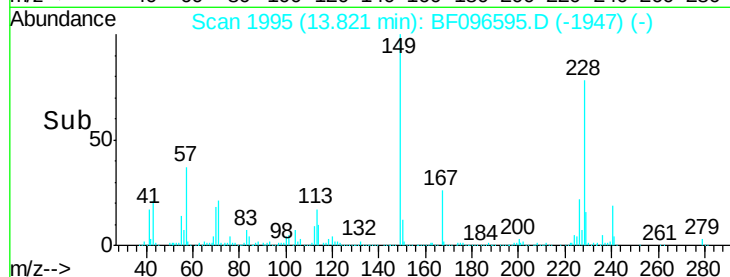
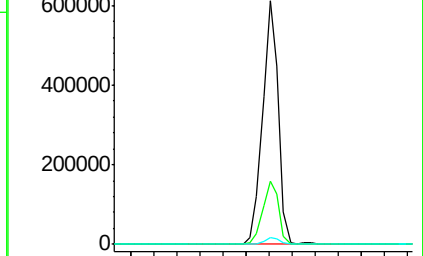
279 2.6 1.9 2.9



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: 49.71 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

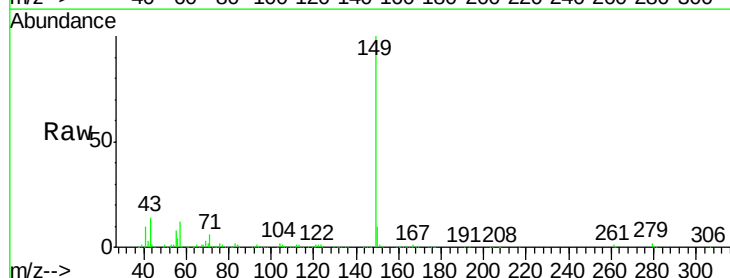
Tgt Ion:149 Resp: 1175544

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

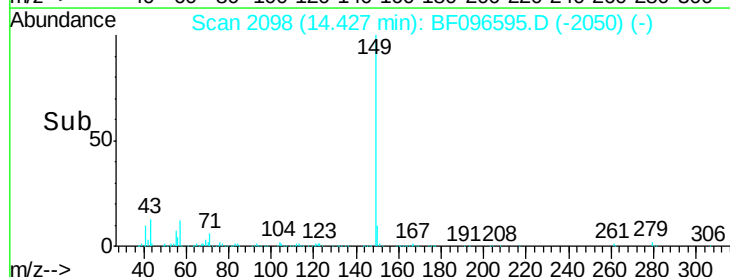
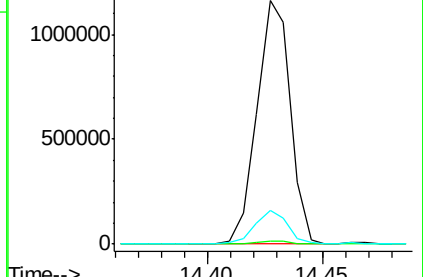
43 12.9 8.5 12.7#

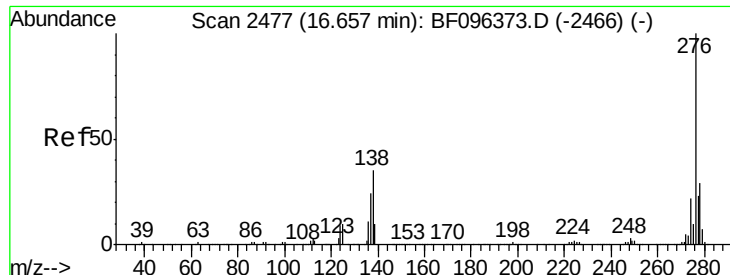


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

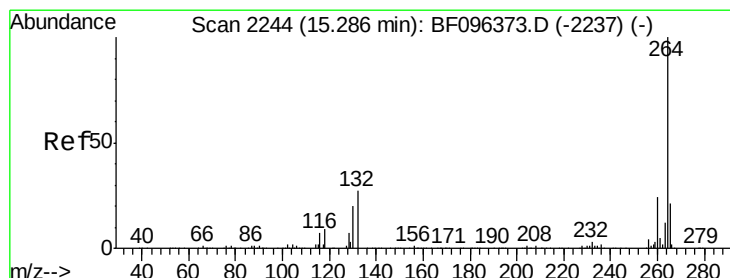
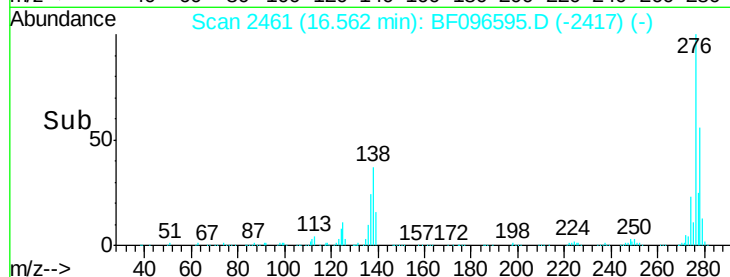
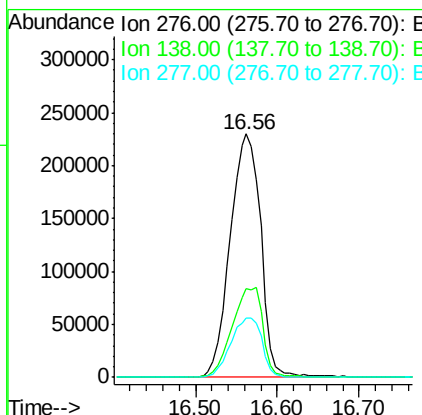
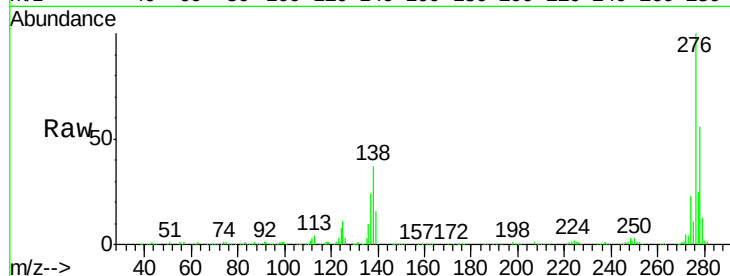




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.20 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. -0.04 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

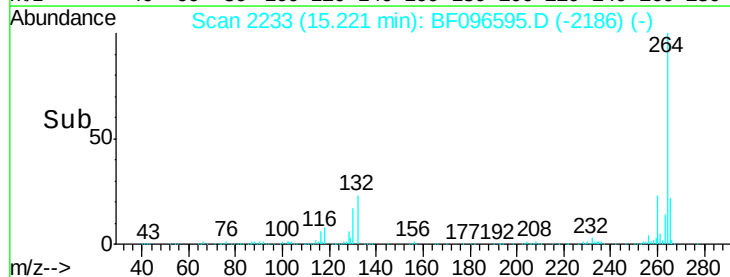
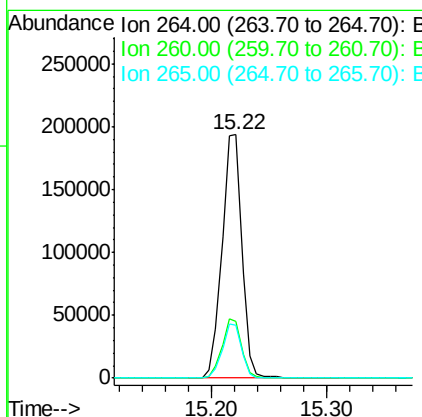
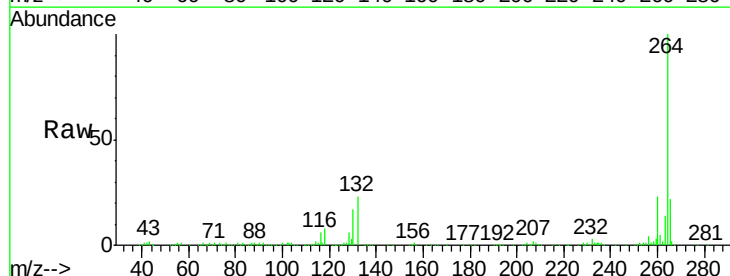
Instrument :
 BNA_F
 ClientSampleId :

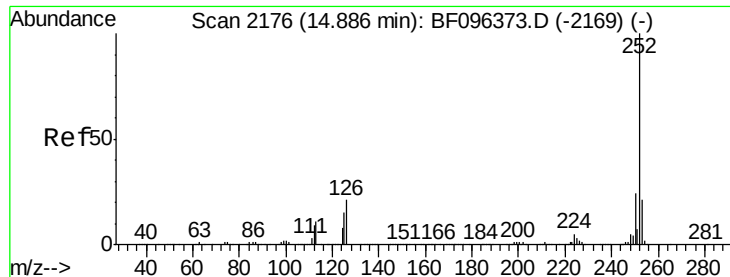
Tot Ion	Ratio	Lower	Upper
276	100		
138	37.3	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096595.D
 Acq: 10 Jul 2017 12:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.09 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :

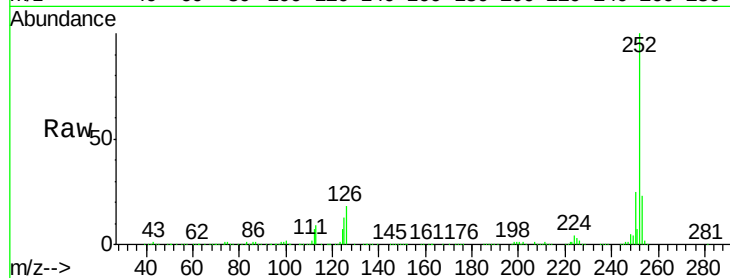
Tot Ion:252 Resp: 713347

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

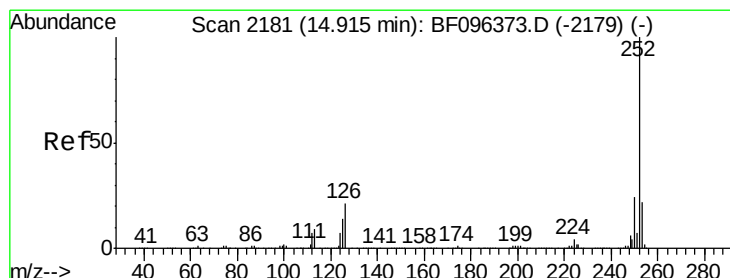
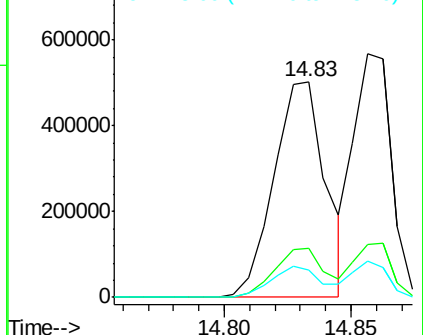
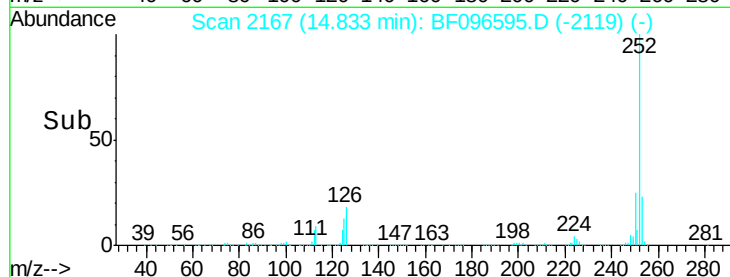
125 12.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.00 ng

RT: 14.86 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

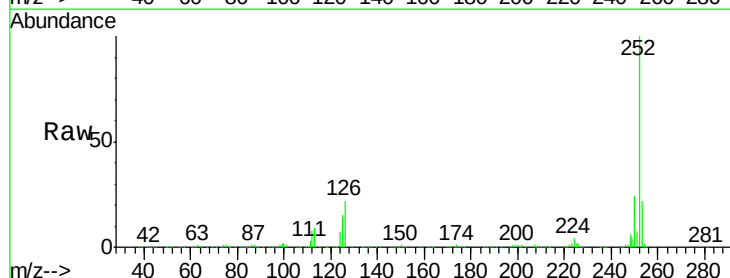
Tgt Ion:252 Resp: 597888

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

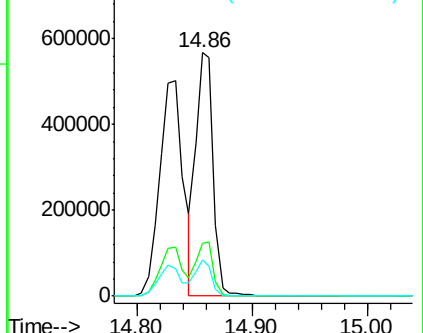
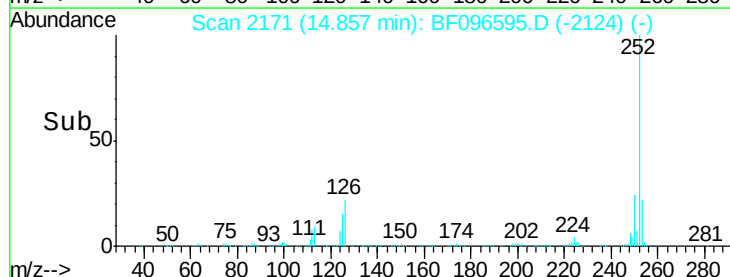
125 15.1 13.1 19.7

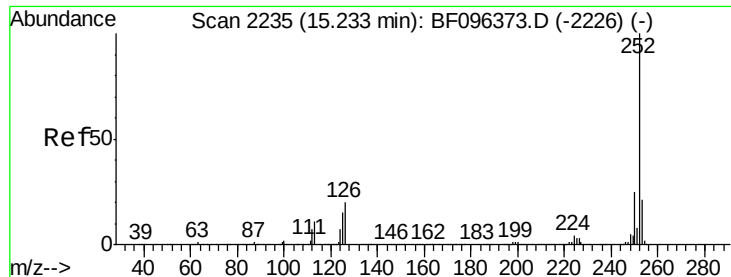


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

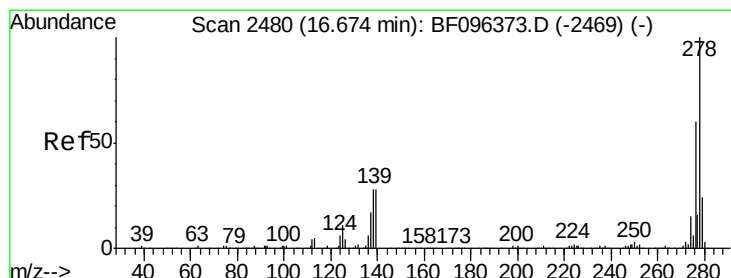
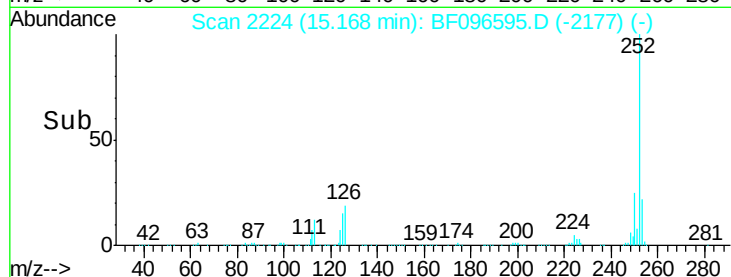
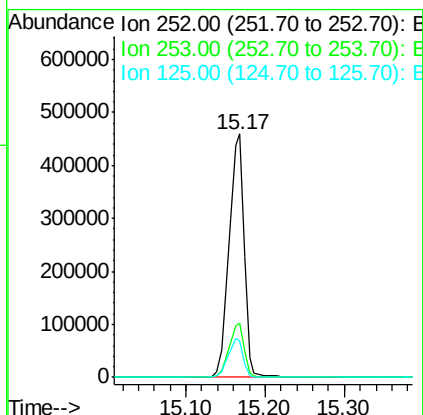
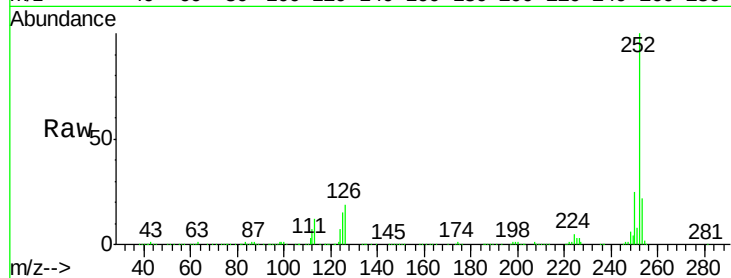




#89
Benzo(a)pyrene
Concen: 46.87 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

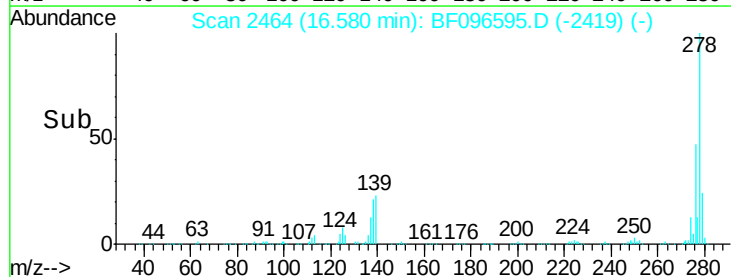
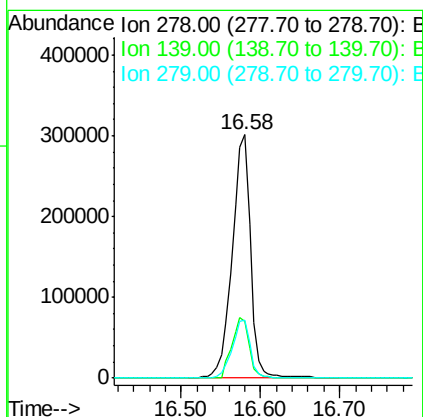
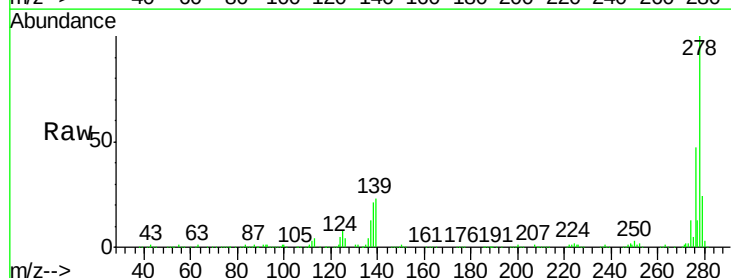
Instrument :
BNA_F
ClientSampleId :

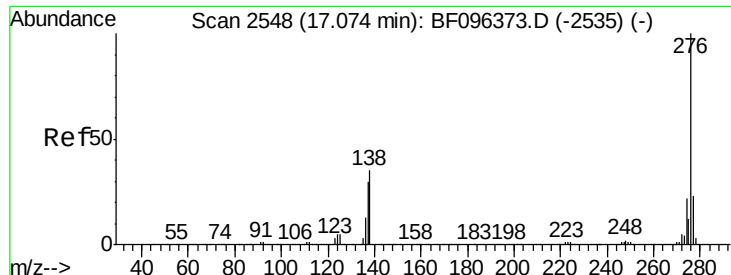
Tot Ion:252 Resp: 608031
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 15.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 47.44 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.04 min
Lab File: BF096595.D
Acq: 10 Jul 2017 12:34

Tgt Ion:278 Resp: 484209
Ion Ratio Lower Upper
278 100
139 23.2 16.6 24.8
279 24.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 51.00 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.04 min

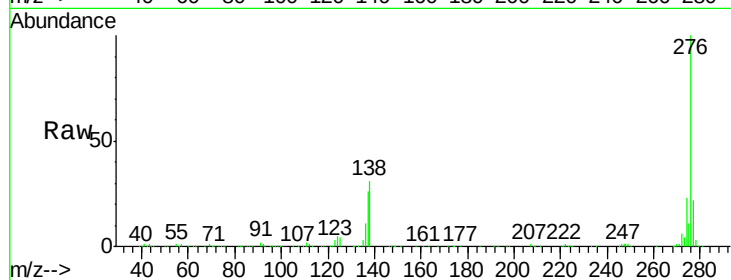
Lab File: BF096595.D

Acq: 10 Jul 2017 12:34

Instrument :

BNA_F

ClientSampleId :



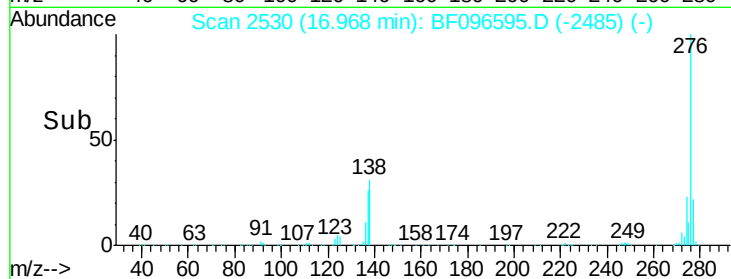
Tot Ion: 276 Resp: 539381

Ion Ratio Lower Upper

276 100

277 22.4 18.6 28.0

138 30.8 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

