

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096996.D
 Acq On : 24 Jul 2017 20:24
 Operator : SJ/JU
 Sample : PB100872BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Quant Time: Jul 25 01:43:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	108485	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	520396	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	207949	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	356473	20.00	ng	-0.03
75) Chrysene-d12	13.64	240	228229	20.00	ng	-0.04
86) Perylene-d12	14.99	264	198195	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	933804	129.42	ng	-0.02
7) Phenol-d6	6.19	99	1068218	123.37	ng	-0.03
23) Nitrobenzene-d5	7.09	82	650810	77.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	207272	116.77	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	1165429	88.55	ng	-0.03
78) Terphenyl-d14	12.60	244	876153	66.58	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	126698	34.13	ng	# 71
3) Pyridine	2.76	79	366529	46.98	ng	# 66
4) n-Nitrosodimethylamine	2.71	42	206175	47.25	ng	# 85
6) Aniline	6.17	93	330603	31.00	ng	# 86
8) 2-Chlorophenol	6.31	128	338225	43.45	ng	# 97
9) Benzaldehyde	6.06	77	136698	27.32	ng	# 98
10) Phenol	6.20	94	425608	43.48	ng	# 95
11) bis(2-Chloroethyl)ether	6.26	93	350629	47.64	ng	# 93
12) 1,3-Dichlorobenzene	6.46	146	357462	43.20	ng	# 98
13) 1,4-Dichlorobenzene	6.53	146	351735	41.98	ng	# 96
14) 1,2-Dichlorobenzene	6.69	146	315865	41.45	ng	# 96
15) Benzyl Alcohol	6.67	79	244404	43.12	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.80	45	716065	47.14	ng	# 61
17) 2-Methylphenol	6.80	107	285621	47.19	ng	# 91
18) Hexachloroethane	7.02	117	128232	43.16	ng	# 79
19) n-Nitroso-di-n-propylamine	6.95	70	229558	44.01	ng	# 85
20) 3+4-Methylphenols	6.96	107	360016	49.02	ng	# 63
22) Acetophenone	6.93	105	456212	39.22	ng	# 96
24) Nitrobenzene	7.10	77	344879	39.69	ng	# 91
25) Isophorone	7.35	82	664615	42.52	ng	# 98
26) 2-Nitrophenol	7.42	139	199253	41.24	ng	# 90
27) 2,4-Dimethylphenol	7.48	122	318886	40.12	ng	# 97
28) bis(2-Chloroethoxy)methane	7.56	93	425680	40.31	ng	# 98
29) 2,4-Dichlorophenol	7.67	162	284147	39.49	ng	# 99
30) 1,2,4-Trichlorobenzene	7.75	180	262479	38.37	ng	# 99
31) Naphthalene	7.82	128	1049826	42.59	ng	# 99
32) Benzoic acid	7.63	122	178227	35.08	ng	# 95
33) 4-Chloroaniline	7.87	127	232462	23.80	ng	# 97
34) Hexachlorobutadiene	7.95	225	139918	38.31	ng	# 98
35) Caprolactam	8.25	113	51698	22.43	ng	# 58
36) 4-Chloro-3-methylphenol	8.39	107	290186	37.51	ng	# 93
37) 2-Methylnaphthalene	8.51	142	637829	40.58	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	218070	38.79	ng	# 98
40) Hexachlorocyclopentadiene	8.67	237	180577	85.07	ng	# 99

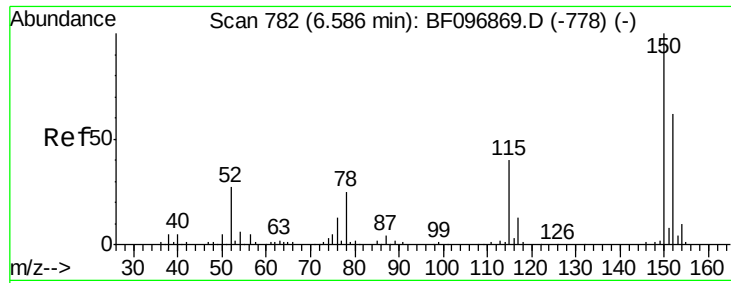
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	165993	40.03	nq	99
43) 2,4,5-Trichlorophenol	8.85	196	182414	43.62	nq	98
45) 1,1'-Biphenyl	8.97	154	726946	40.76	nq	97
46) 2-Chloronaphthalene	9.00	162	569538	43.37	nq	94
47) 2-Nitroaniline	9.10	65	224082	49.64	nq	96
48) Acenaphthylene	9.41	152	857340	40.97	nq	98
49) Dimethylphthalate	9.29	163	665084	42.48	nq	99
50) 2,6-Dinitrotoluene	9.35	165	144279	42.54	nq	# 82
51) Acenaphthene	9.58	154	500682	40.51	nq	99
52) 3-Nitroaniline	9.51	138	115671	28.79	nq	94
53) 2,4-Dinitrophenol	9.63	184	104253	63.59	nq	# 73
54) Dibenzofuran	9.75	168	724996	41.85	nq	97
55) 4-Nitrophenol	9.70	139	210882	71.84	nq	# 57
56) 2,4-Dinitrotoluene	9.75	165	174113	39.95	nq	# 60
57) Fluorene	10.09	166	538964	42.11	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	130941	45.15	nq	97
59) Diethylphthalate	9.99	149	657577	43.14	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	226108	41.86	nq	97
61) 4-Nitroaniline	10.13	138	175278	46.46	nq	92
62) Azobenzene	10.25	77	631592	46.97	nq	93
64) 4,6-Dinitro-2-methylphenol	10.16	198	86244	38.53	nq	89
65) n-Nitrosodiphenylamine	10.21	169	525056	41.21	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	146226	40.18	nq	96
67) Hexachlorobenzene	10.64	284	158912	39.20	nq	# 88
68) Atrazine	10.75	200	155882	42.94	nq	92
69) Pentachlorophenol	10.84	266	124704	63.68	nq	98
70) Phenanthrene	11.05	178	820907	42.35	nq	99
71) Anthracene	11.10	178	841371	42.93	nq	98
72) Carbazole	11.26	167	793388	41.81	nq	99
73) Di-n-butylphthalate	11.60	149	1006208	42.57	nq	99
74) Fluoranthene	12.23	202	822165	44.32	nq	98
76) Benzidine	12.35	184	329671	44.09	nq	# 93
77) Pyrene	12.45	202	843528	40.72	nq	99
79) Butylbenzylphthalate	13.08	149	420315	42.71	nq	# 76
80) Benzo(a)anthracene	13.63	228	638260	44.88	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	148486	29.04	nq	# 96
82) Chrysene	13.67	228	609222	43.52	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	514459	42.93	nq	99
84) Di-n-octyl phthalate	14.26	149	835672	42.18	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.24	276	483582	37.44	nq	97
87) Benzo(b)fluoranthene	14.63	252	499078	41.75	nq	97
88) Benzo(k)fluoranthene	14.66	252	464021	40.99	nq	97
89) Benzo(a)pyrene	14.94	252	474182	43.25	nq	99
90) Dibenzo(a,h)anthracene	16.24	278	391553	38.81	nq	98
91) Benzo(g,h,i)perylene	16.60	276	434642	40.23	nq	99

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

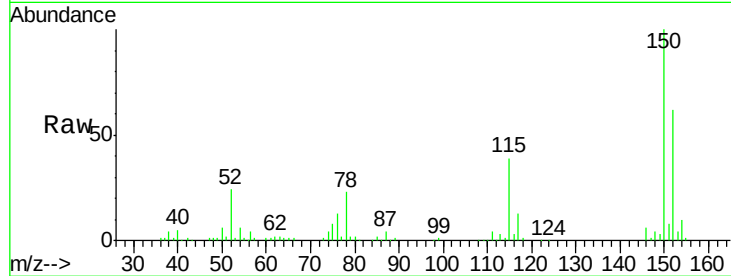


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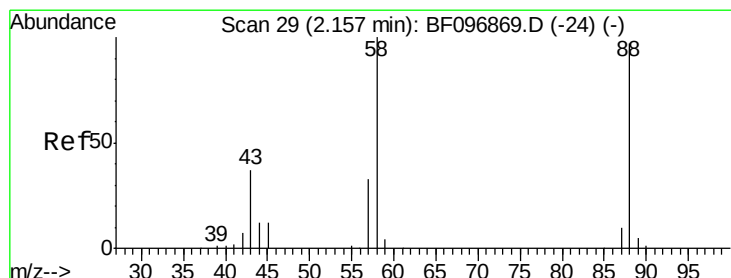
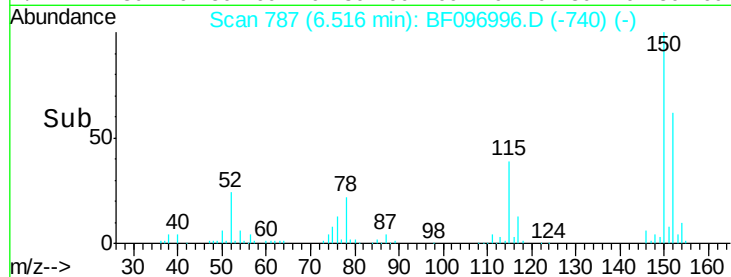
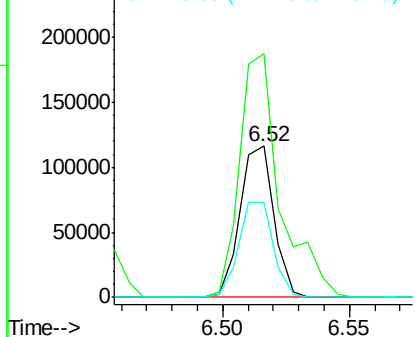
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion:152 Resp: 108485
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.2
115 63.3 52.2 78.2



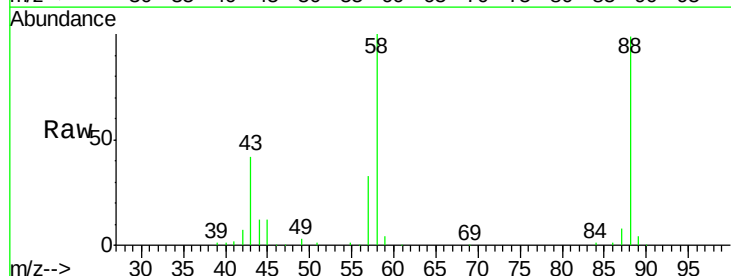
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



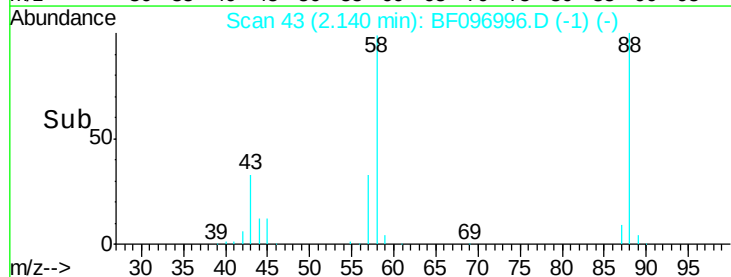
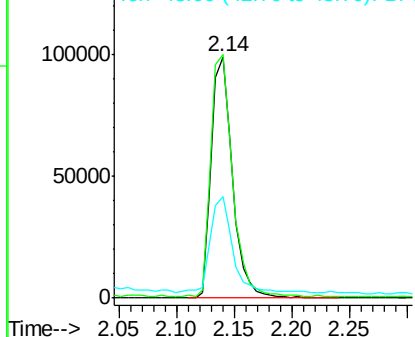
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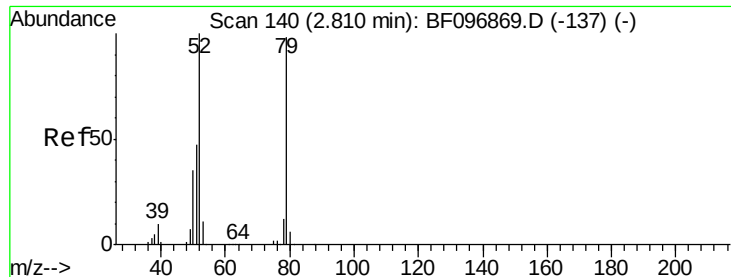
1,4-Dioxane
Concen: 34.13 ng
RT: 2.14 min Scan# 43
Delta R.T. 0.05 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion: 88 Resp: 126698
Ion Ratio Lower Upper
88 100
58 102.8 61.4 92.0#
43 42.1 23.4 35.0#



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





#3

Pvridine

Concen: 46.98 ng

RT: 2.76 min Scan# 149

Delta R.T. 0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

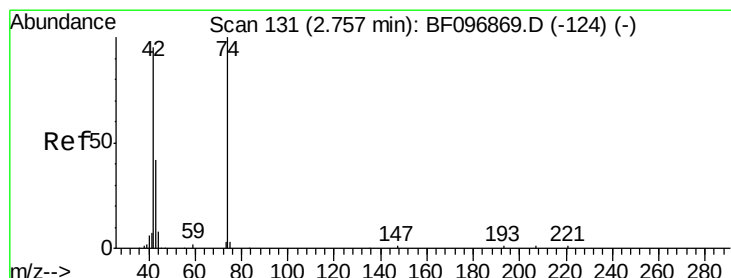
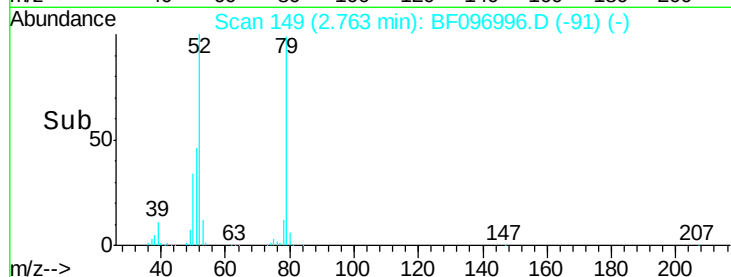
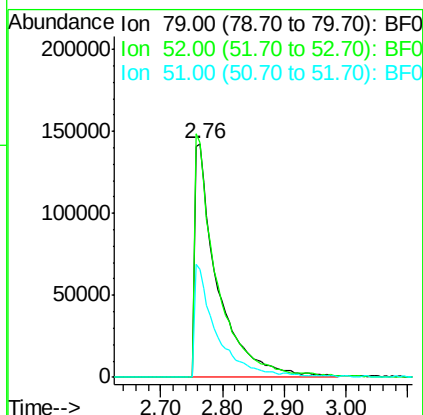
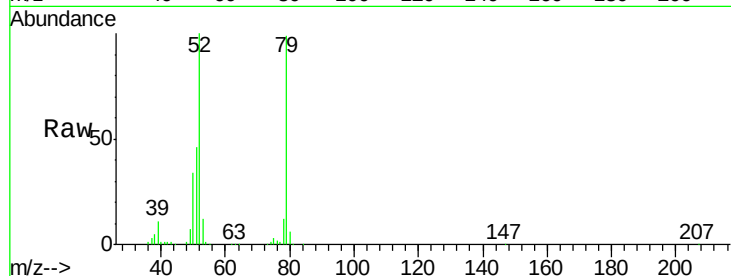
Tot Ion: 79 Resp: 366529

Ion Ratio Lower Upper

79 100

52 100.6 54.8 82.2#

51 46.3 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 47.25 ng

RT: 2.71 min Scan# 140

Delta R.T. 0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

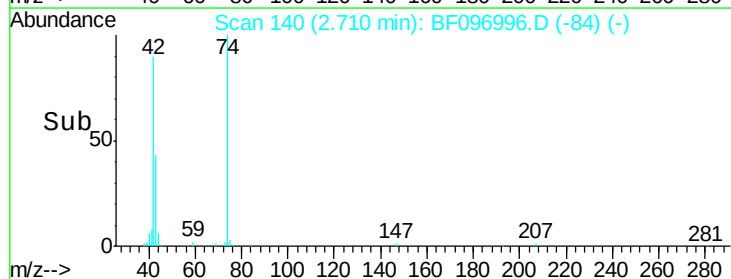
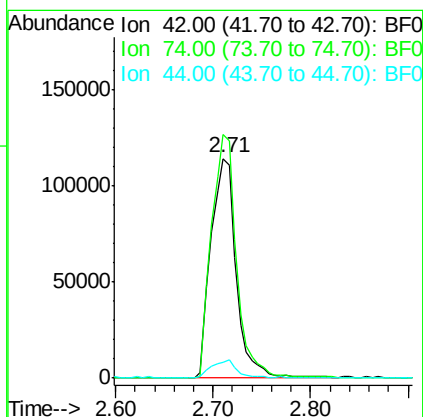
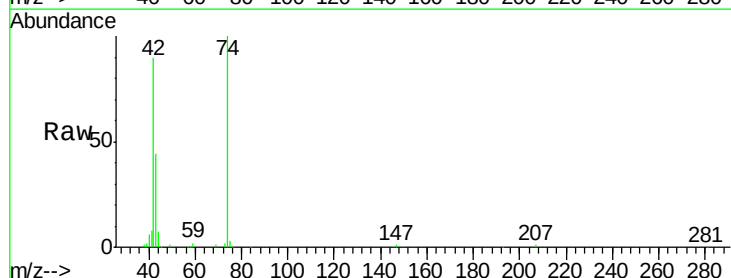
Tgt Ion: 42 Resp: 206175

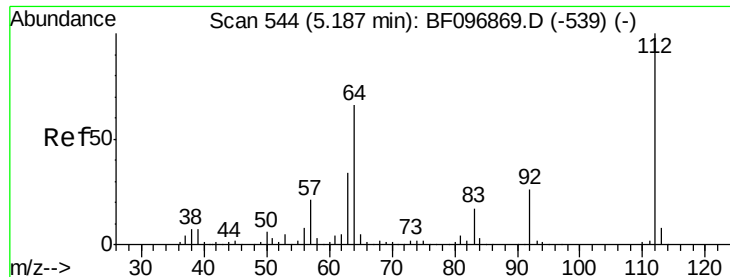
Ion Ratio Lower Upper

42 100

74 111.0 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 129.42 ng

RT: 5.13 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

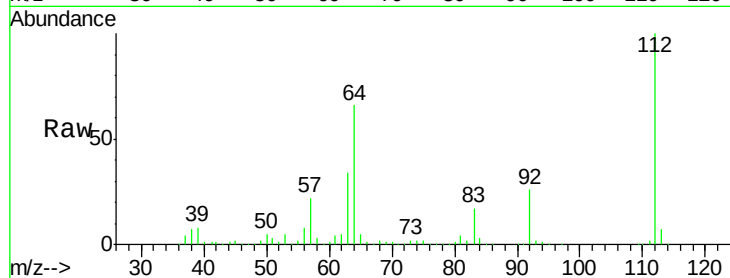
Instrument :

BNA_F

ClientSampleId :

PB100872BS

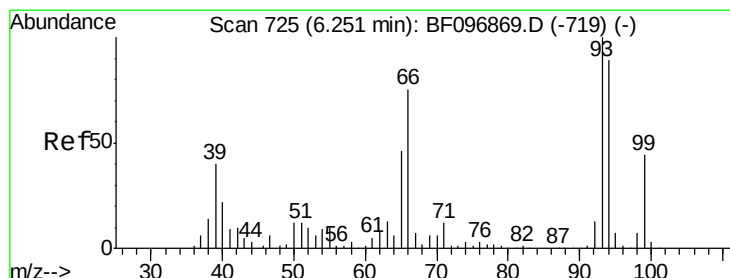
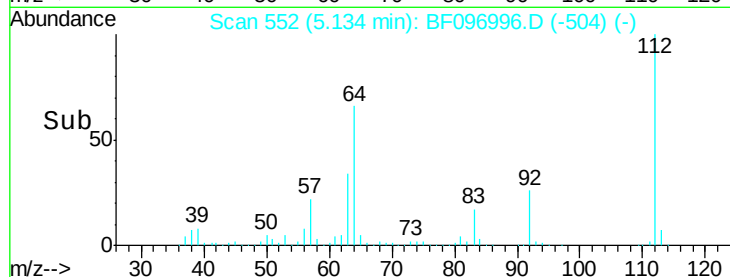
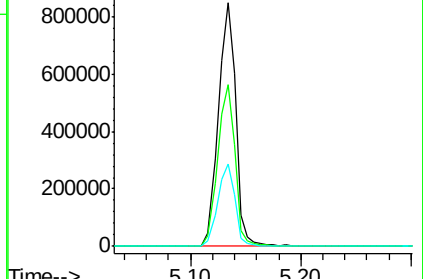
Tot Ion:	112	Resp:	933804
Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	34.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.00 ng

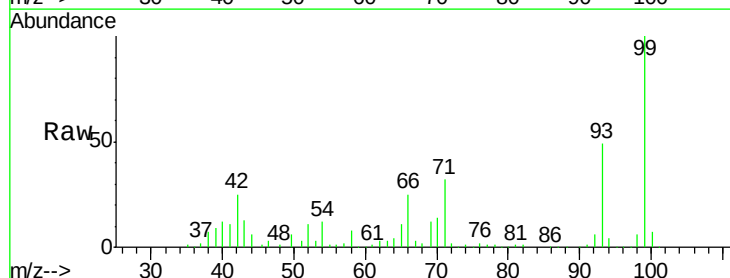
RT: 6.17 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

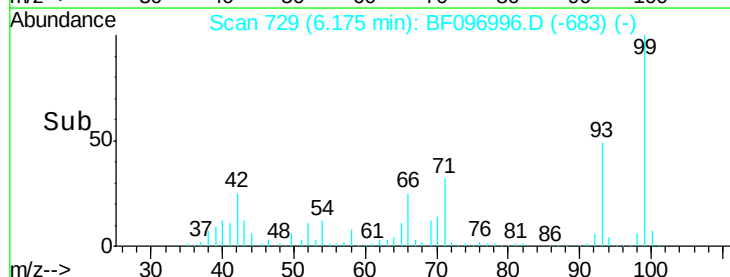
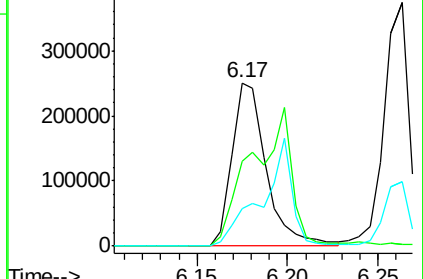
Tgt Ion:	93	Resp:	330603
Ion	Ratio	Lower	Upper
93	100		
66	51.6	32.9	49.3#
65	23.2	16.0	24.0

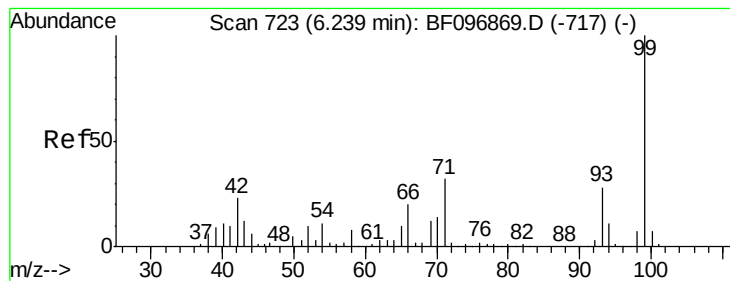


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.37 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

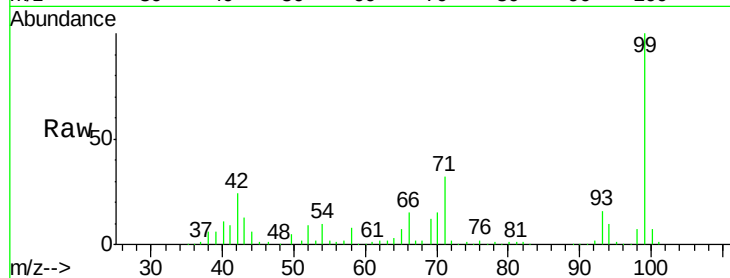
BNA_F

ClientSampleId :

PB100872BS

Tot Ion: 99 Resp: 1068218

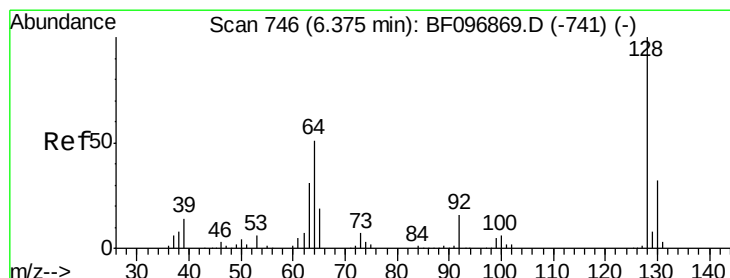
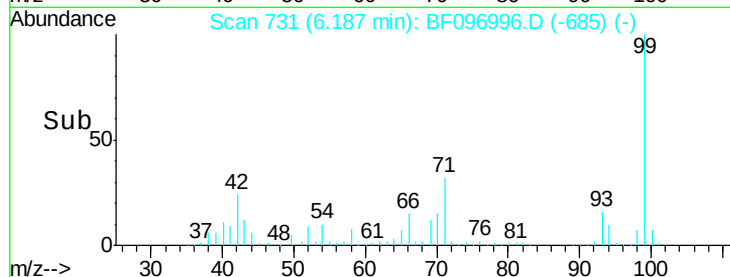
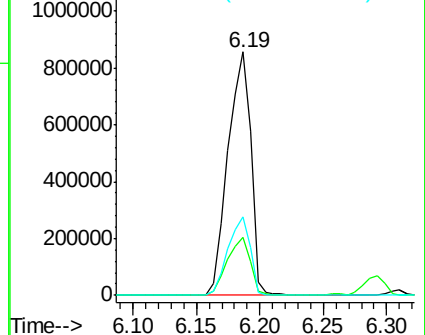
Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	32.2	24.5	36.7



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: 43.45 ng

RT: 6.31 min Scan# 752

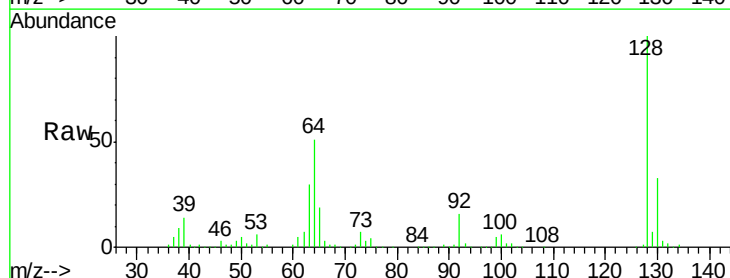
Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion: 128 Resp: 338225

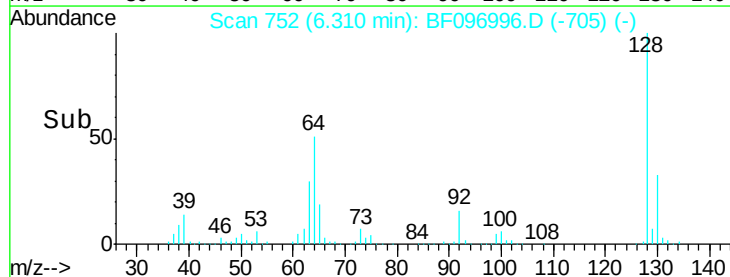
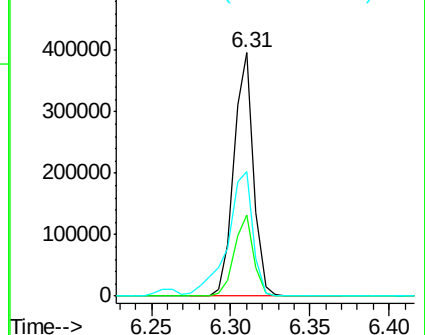
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	51.4	28.4	68.4

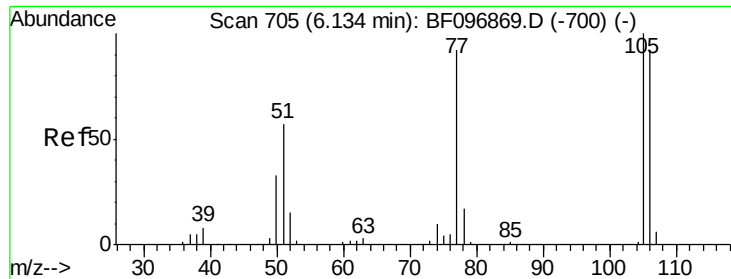


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.32 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

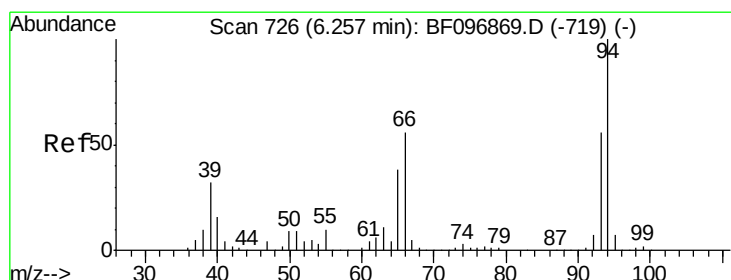
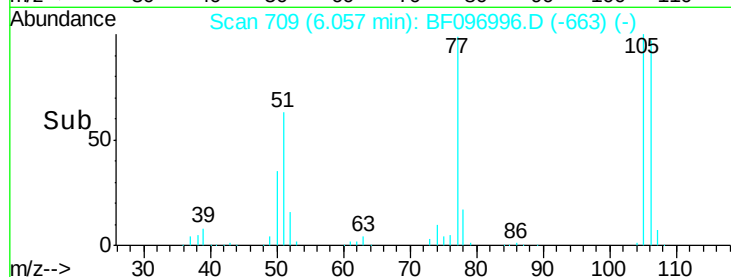
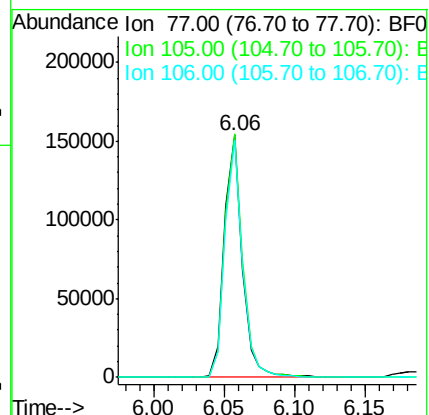
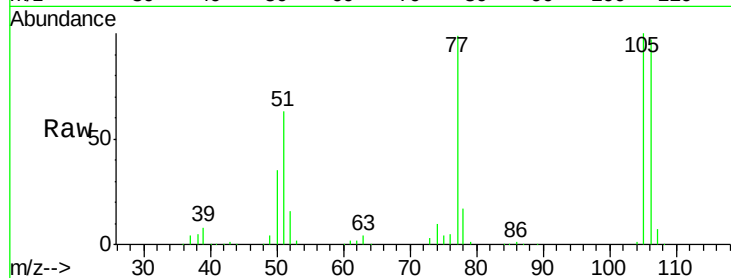
Tot Ion: 77 Resp: 136698

Ion Ratio Lower Upper

77 100

105 100.6 83.8 123.8

106 98.0 79.1 119.1



#10

Phenol

Concen: 43.48 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

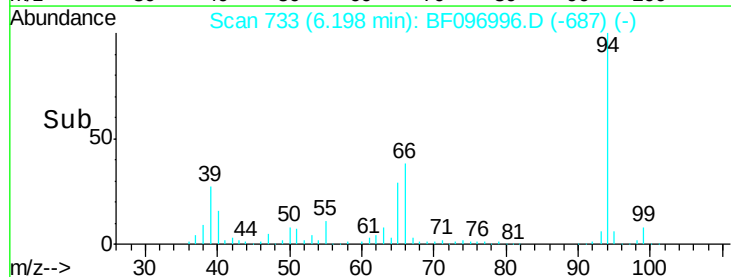
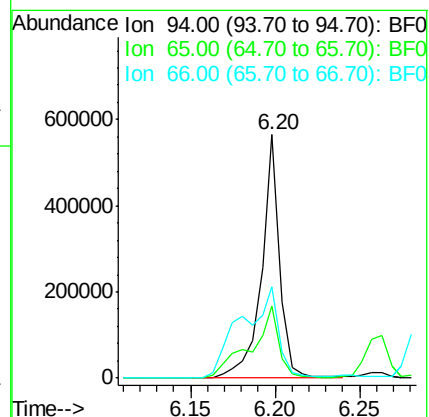
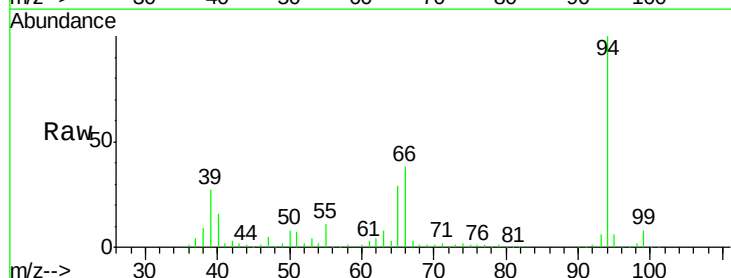
Tgt Ion: 94 Resp: 425608

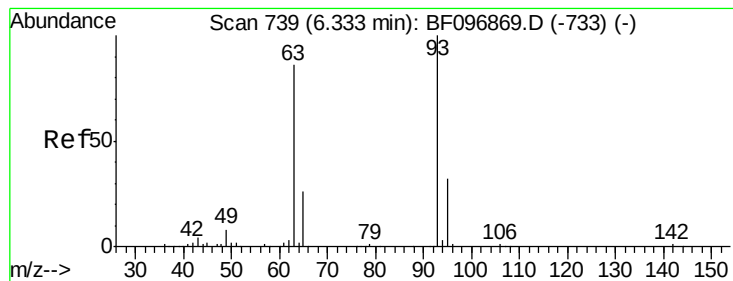
Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

66 37.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 47.64 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

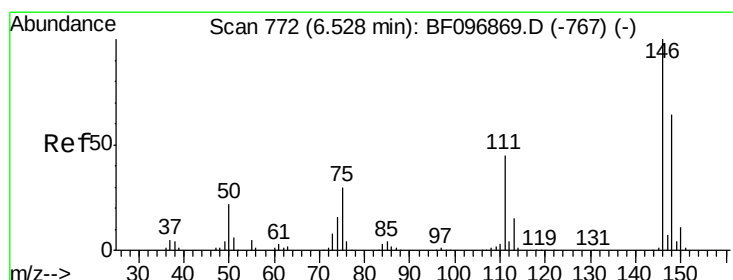
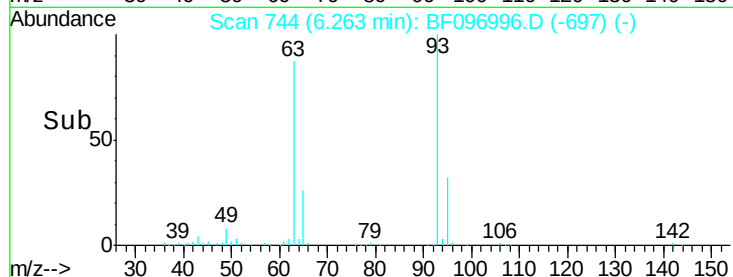
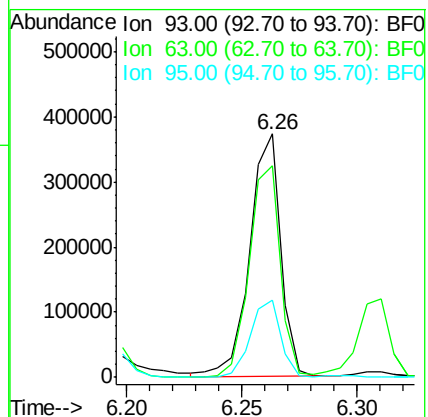
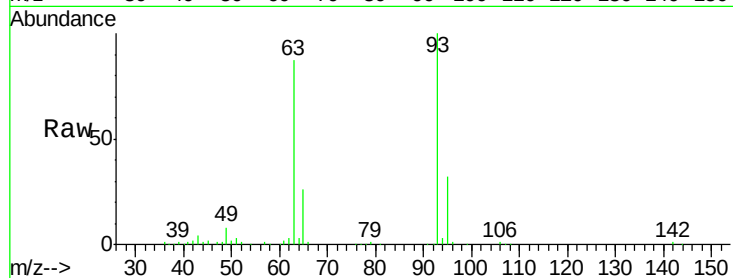
Tot Ion: 93 Resp: 350629

Ion Ratio Lower Upper

93 100

63 87.0 59.2 99.2

95 32.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.20 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

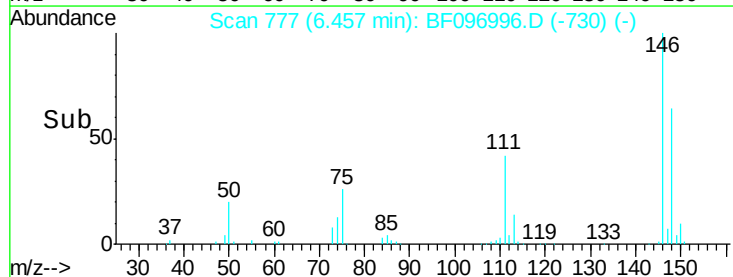
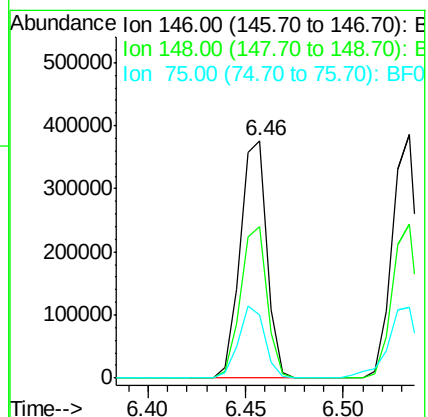
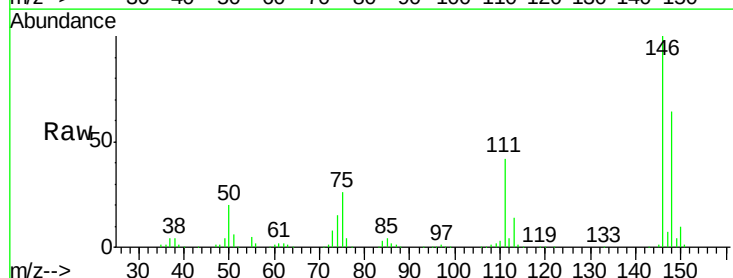
Tgt Ion: 146 Resp: 357462

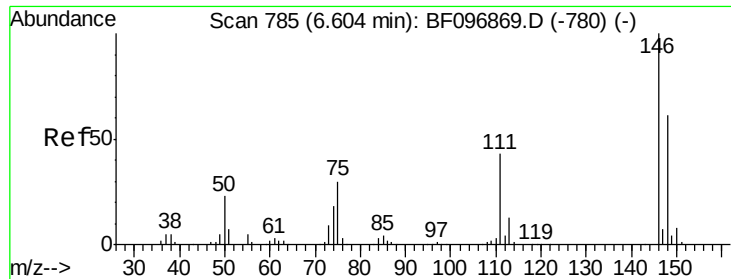
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

75 26.4 23.1 34.7

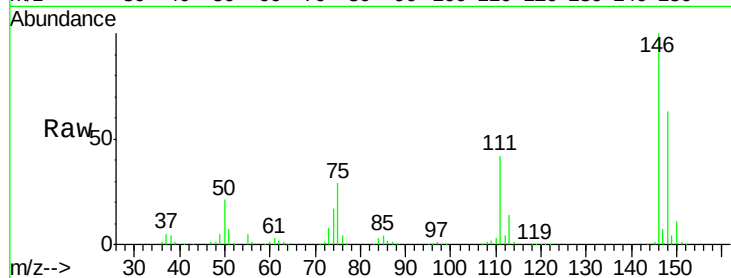




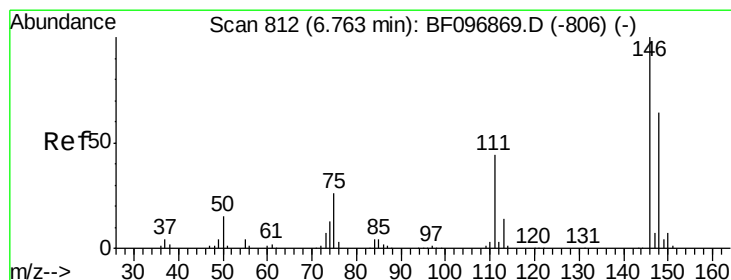
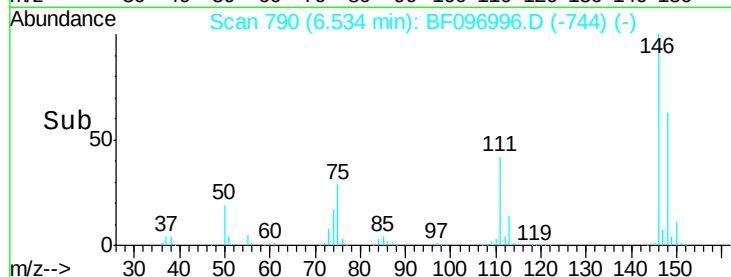
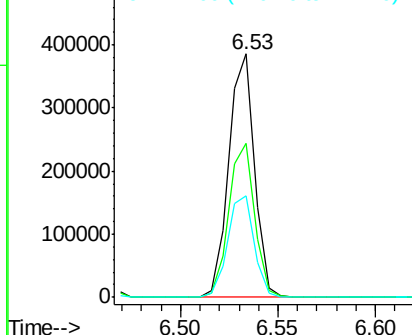
#13
 1,4-Dichlorobenzene
 Concen: 41.98 ng
 RT: 6.53 min Scan# 790
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion:146 Resp: 351735
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 41.7 30.3 45.5

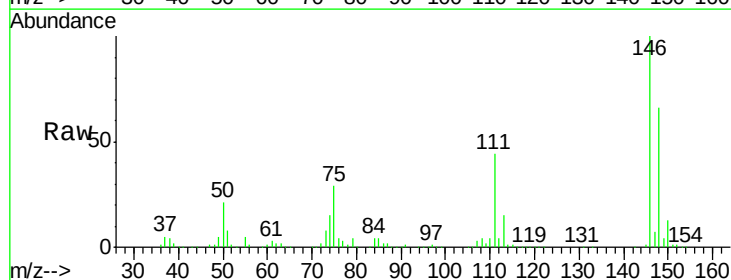


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

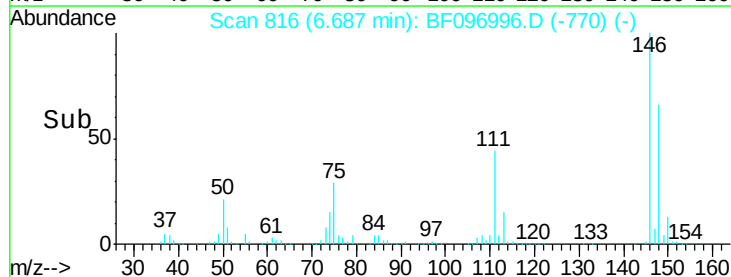
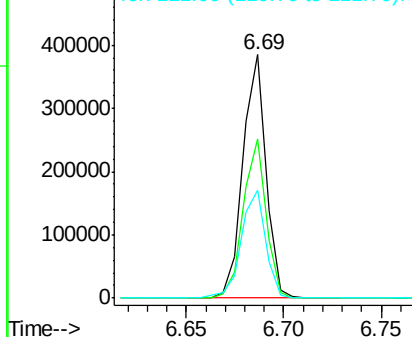


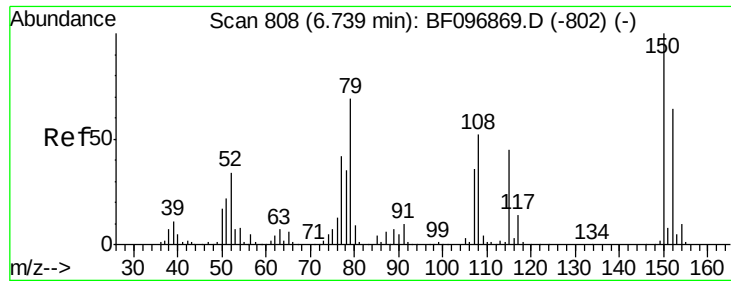
#14
 1,2-Dichlorobenzene
 Concen: 41.45 ng
 RT: 6.69 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion:146 Resp: 315865
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.4 75.6
 111 44.2 38.2 57.4



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

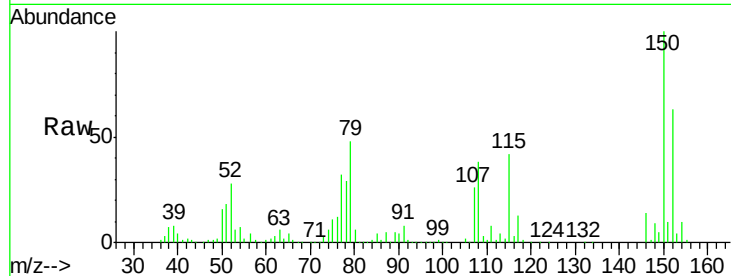




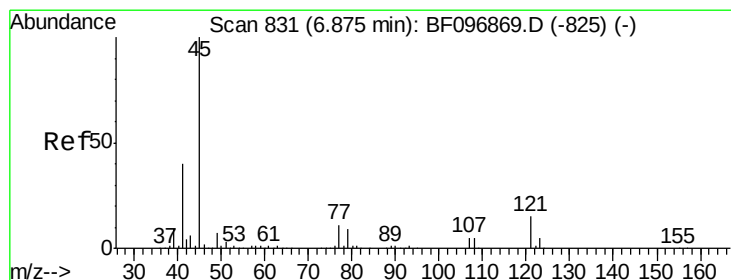
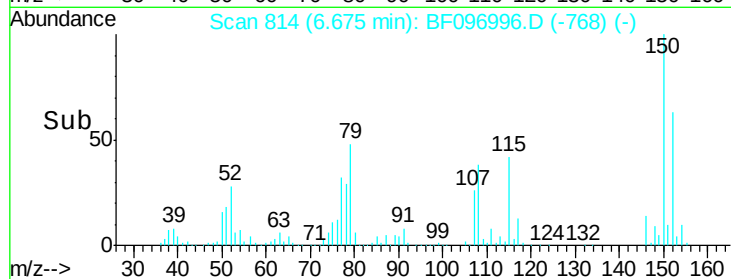
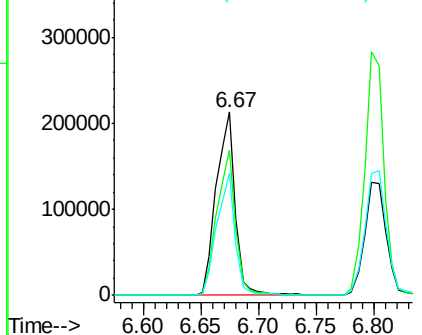
#15
Benzyl Alcohol
Concen: 43.12 ng
RT: 6.67 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion: 79 Resp: 244404
Ion Ratio Lower Upper
79 100
108 79.5 63.4 95.0
77 66.4 49.2 73.8

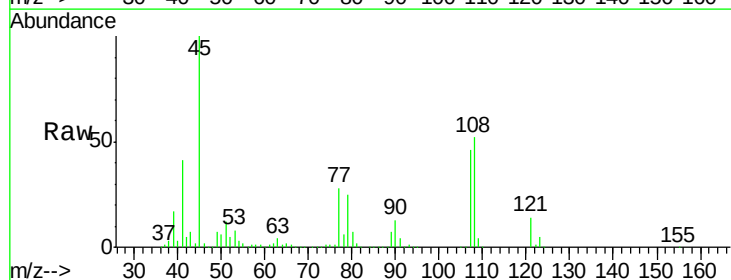


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

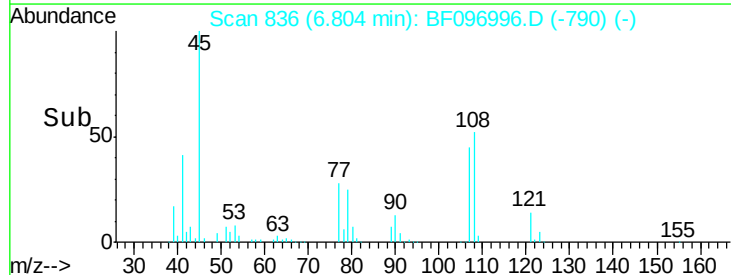
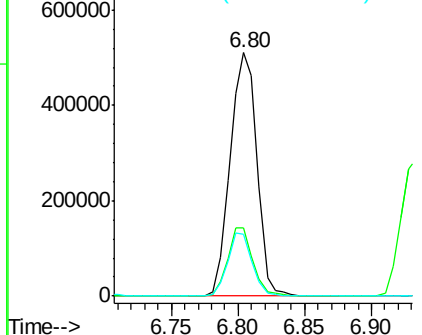


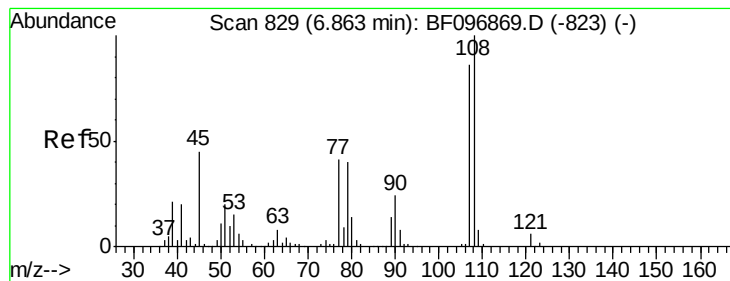
#16
2,2'-oxybis(1-chloropropane)
Concen: 47.14 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion: 45 Resp: 716065
Ion Ratio Lower Upper
45 100
77 28.3 0.0 33.2
79 25.4 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 47.19 ng

RT: 6.80 min Scan# 835

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

Tot Ion:107 Resp: 285621

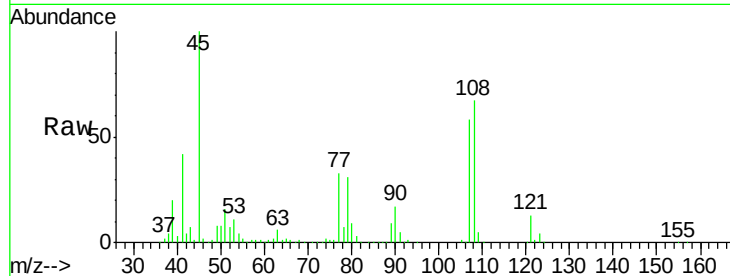
Ion Ratio Lower Upper

107 100

108 115.1 93.4 140.0

77 57.8 35.8 53.6#

79 53.6 34.8 52.2#

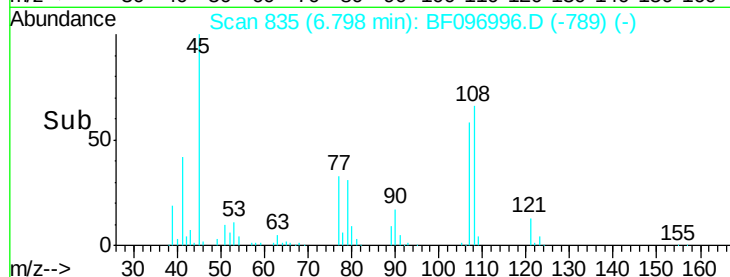


Abundance Ion 107.00 (106.70 to 107.70): E

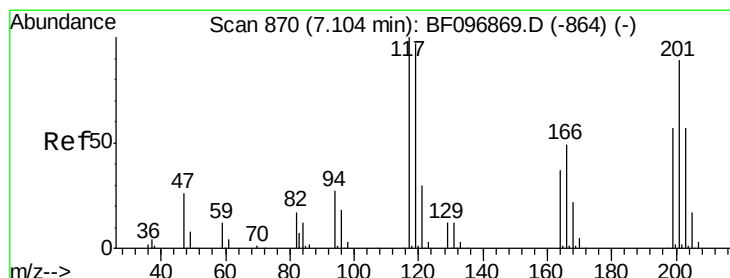
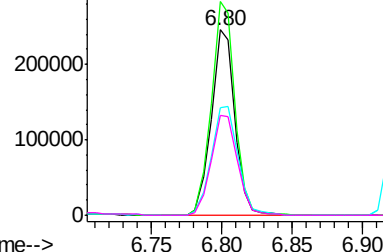
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 43.16 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

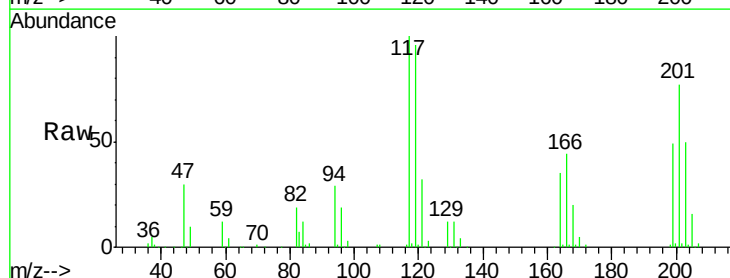
Tgt Ion:117 Resp: 128232

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

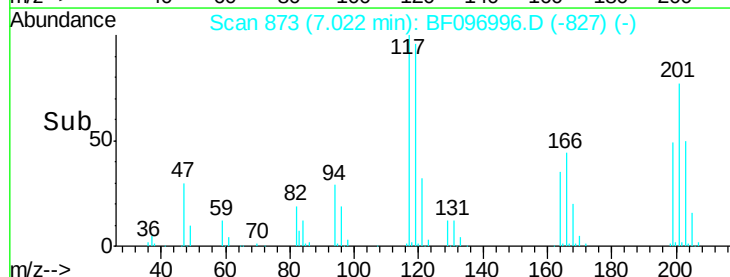
201 77.1 94.6 141.8#



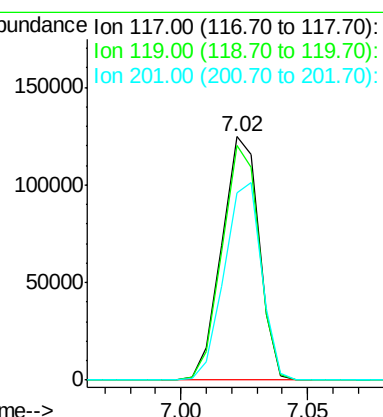
Abundance Ion 117.00 (116.70 to 117.70): E

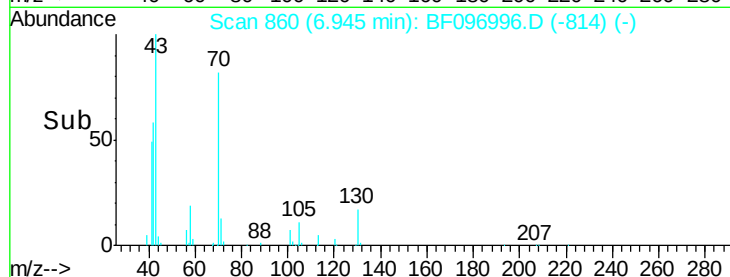
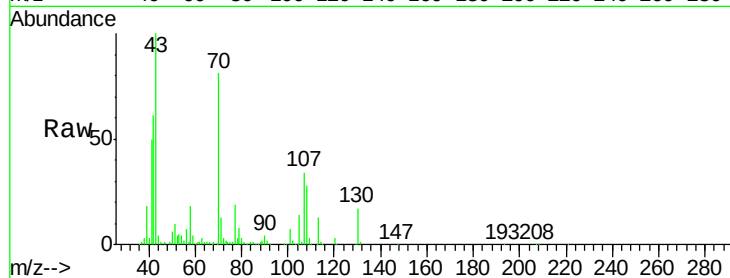
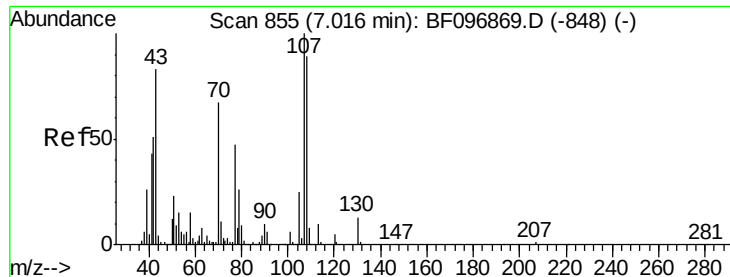
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->

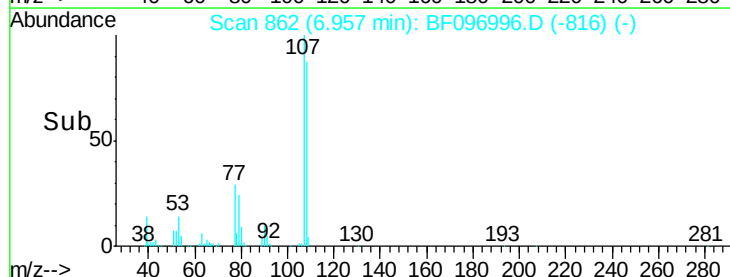
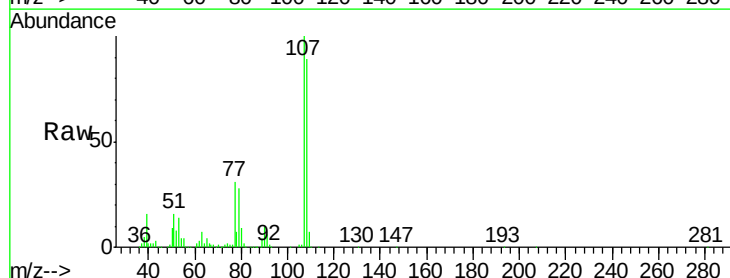
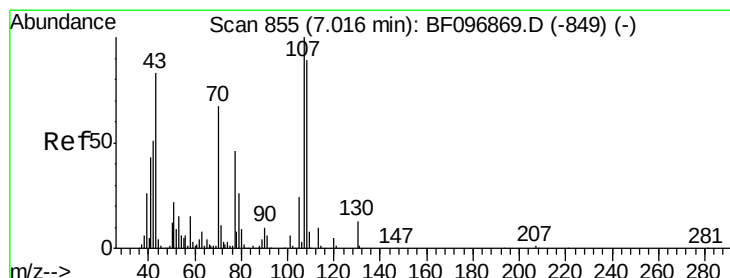
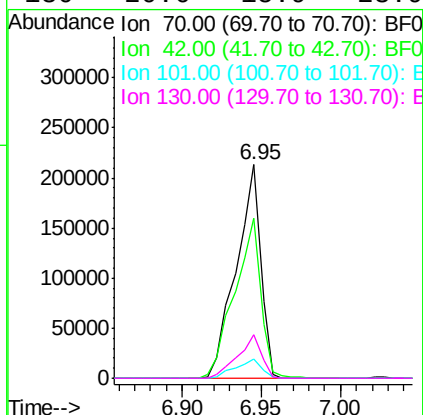




#19
n-Nitroso-di-n-propylamine
Concen: 44.01 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

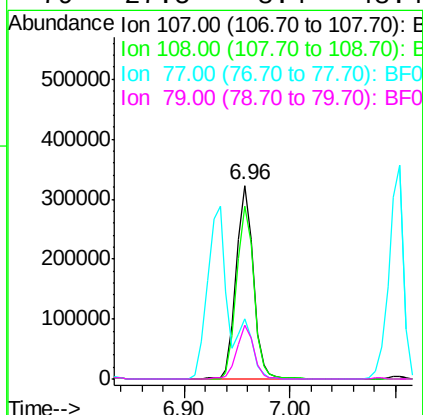
Instrument :
BNA_F
ClientSampleId :
PB100872BS

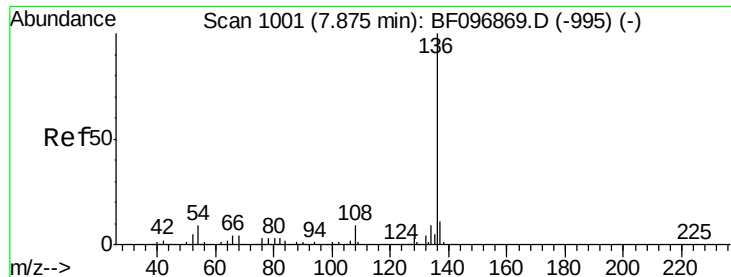
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.9	47.2	70.8	
101	9.0	7.2	10.8	
130	20.6	15.9	23.9	



#20
3+4-Methylphenols
Concen: 49.02 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	71.0	111.0	
77	31.1	90.5	130.5	
79	27.5	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 1005

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

Tot Ion:136 Resp: 520396

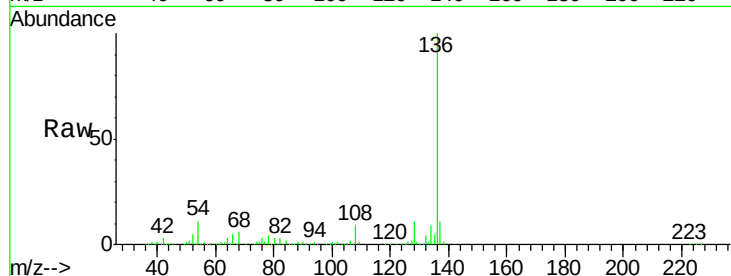
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.1 4.9 7.3#

68 6.3 4.1 6.1#

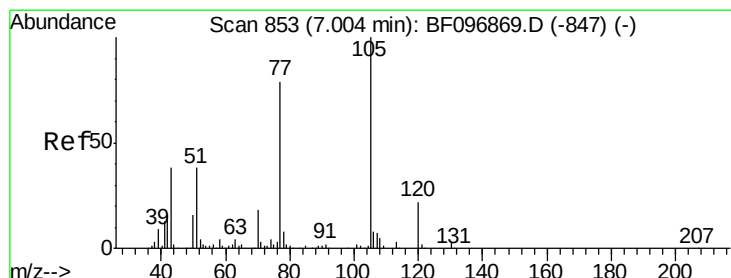
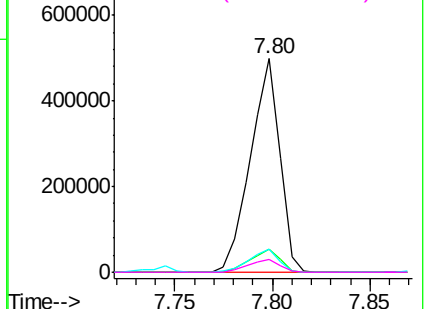
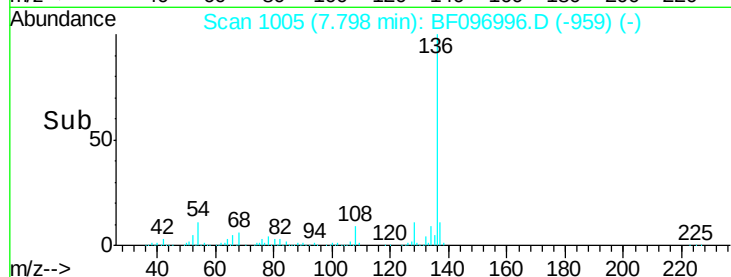


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.22 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:105 Resp: 456212

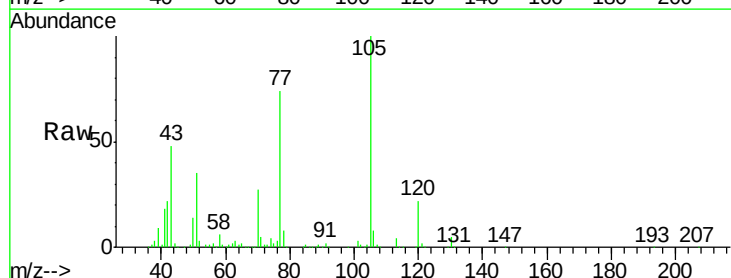
Ion Ratio Lower Upper

105 100

71 4.6 2.8 4.2#

51 34.6 30.7 46.1

120 21.8 17.4 26.0

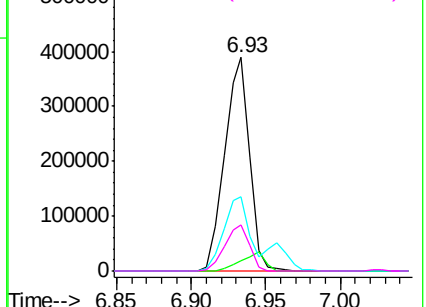
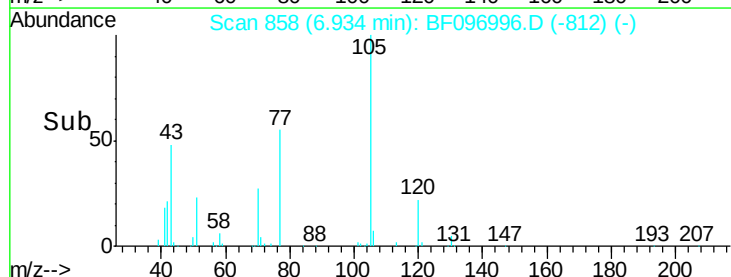


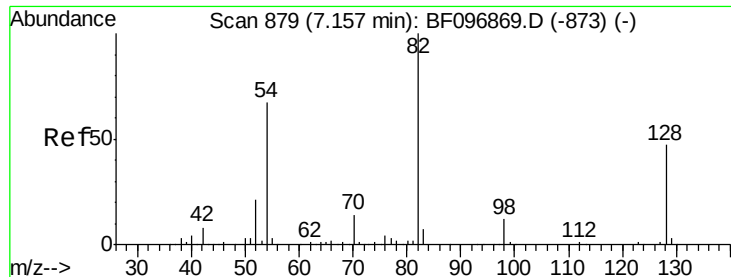
Abundance Ion 105.00 (104.70 to 105.70): E

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

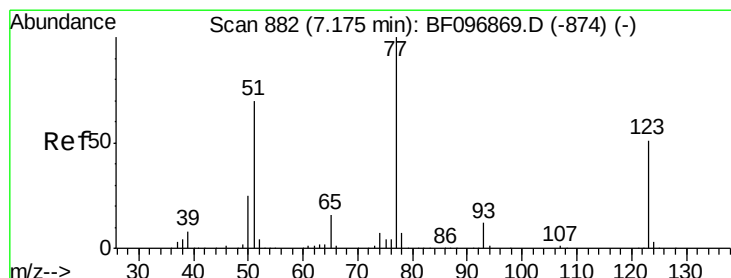
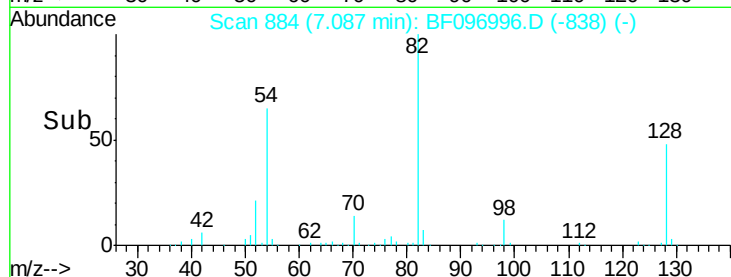
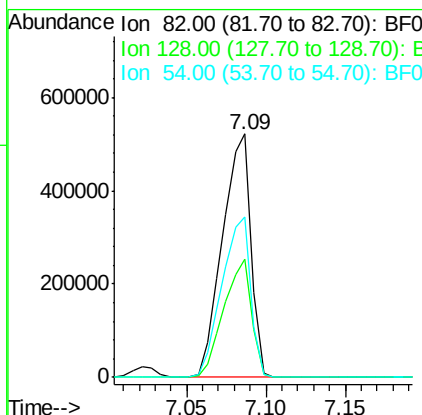
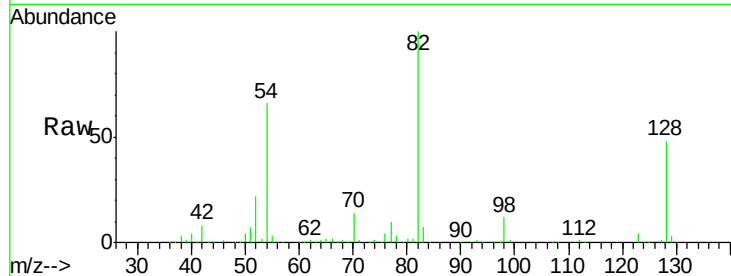




#23
Nitrobenzene-d5
Concen: 77.46 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

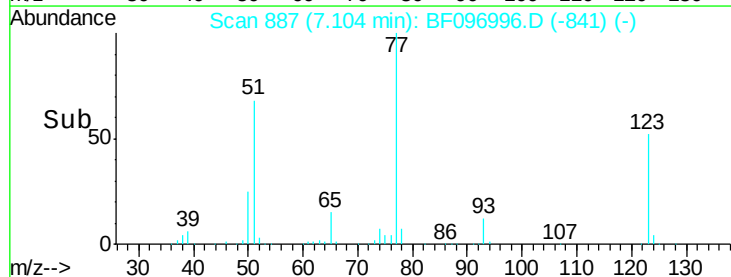
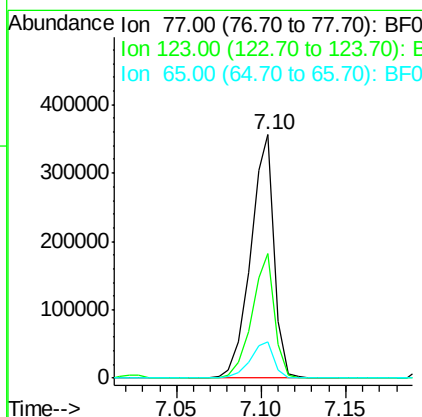
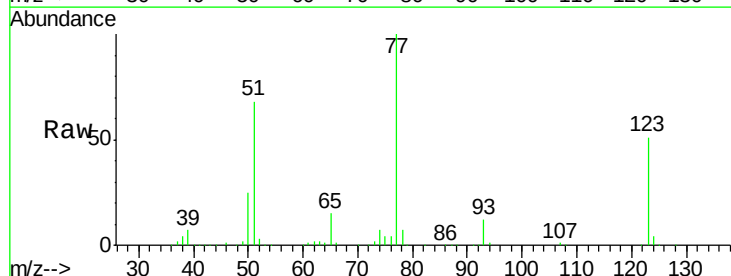
Instrument :
BNA_F
ClientSampleId :
PB100872BS

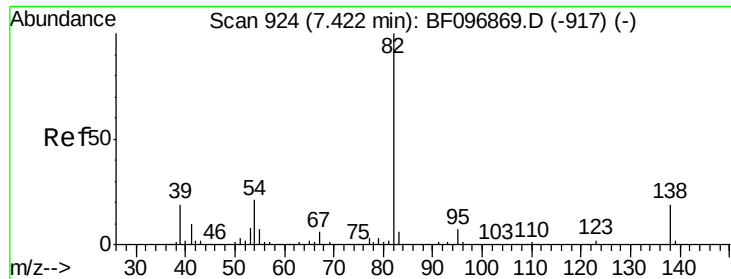
Tot Ion: 82 Resp: 650810
Ion Ratio Lower Upper
82 100
128 48.5 34.0 51.0
54 65.7 42.2 63.2#



#24
Nitrobenzene
Concen: 39.69 ng
RT: 7.10 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion: 77 Resp: 344879
Ion Ratio Lower Upper
77 100
123 51.4 35.8 53.8
65 14.7 10.6 15.8





#25

Isophorone

Concen: 42.52 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

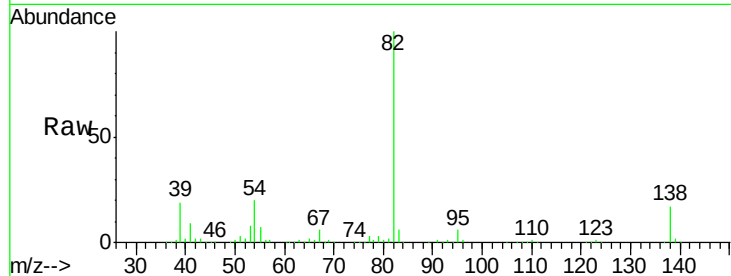
Tot Ion: 82 Resp: 664615

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

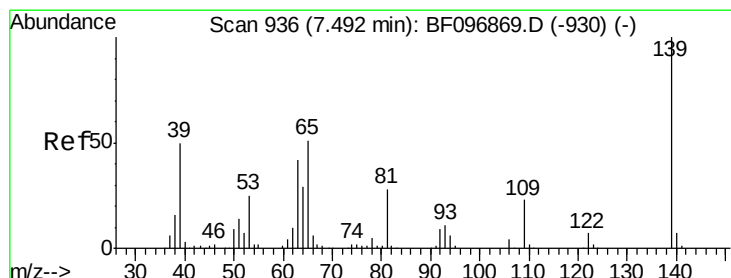
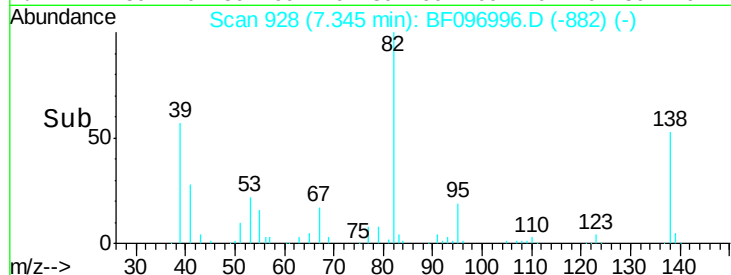
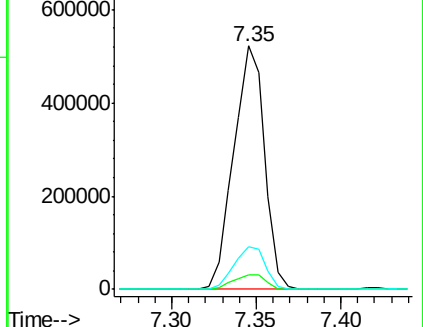
138 17.3 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.24 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

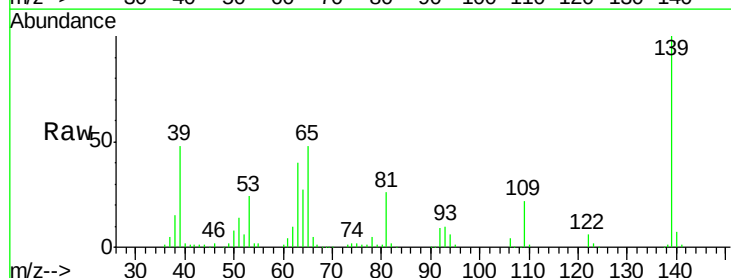
Tgt Ion: 139 Resp: 199253

Ion Ratio Lower Upper

139 100

109 22.4 21.0 31.6

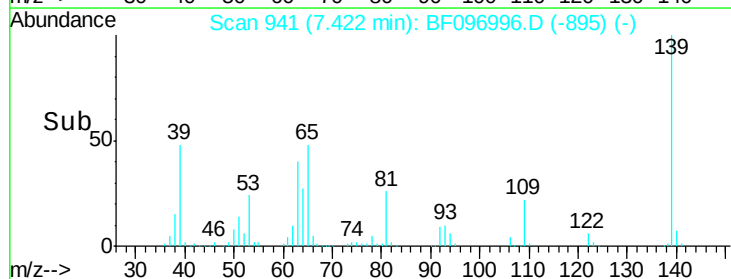
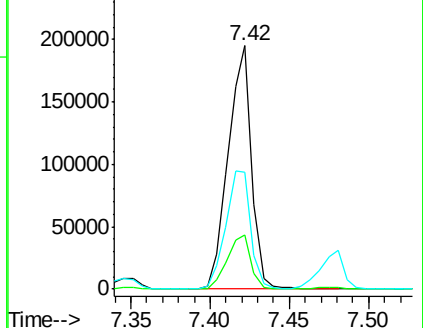
65 48.2 33.0 49.6

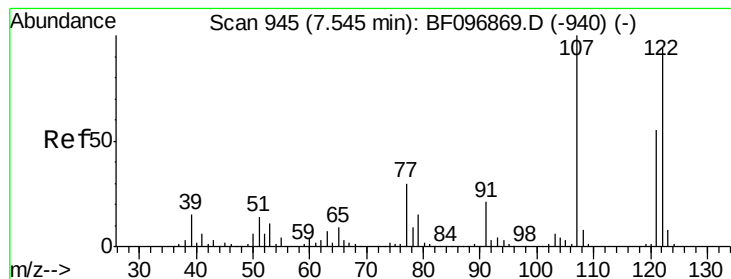


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.12 ng

RT: 7.48 min Scan# 951

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

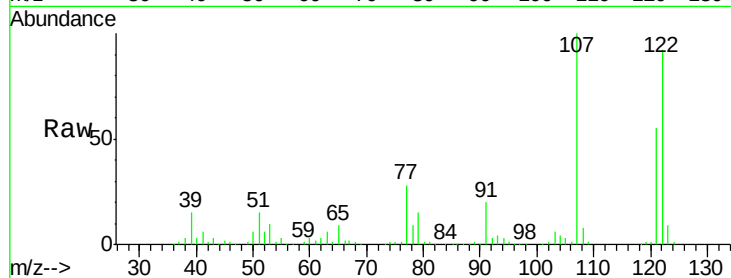
Tot Ion:122 Resp: 318886

Ion Ratio Lower Upper

122 100

107 108.9 89.2 133.8

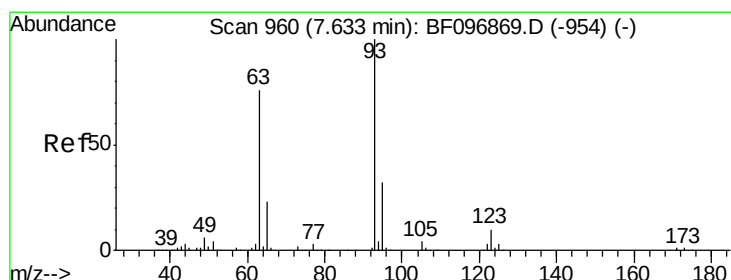
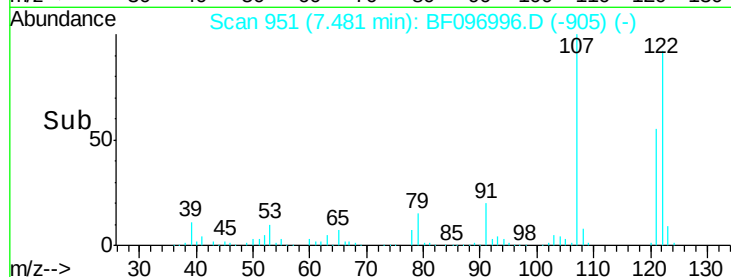
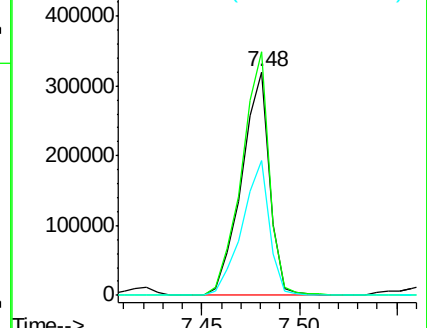
121 60.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.31 ng

RT: 7.56 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

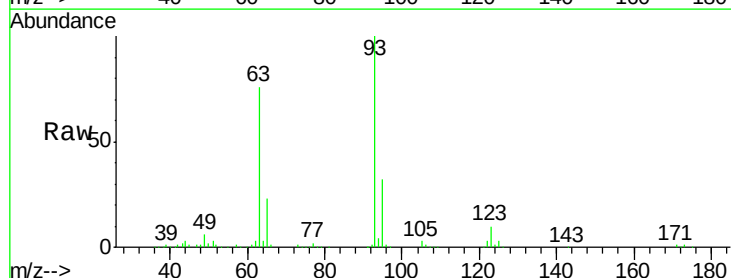
Tgt Ion: 93 Resp: 425680

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

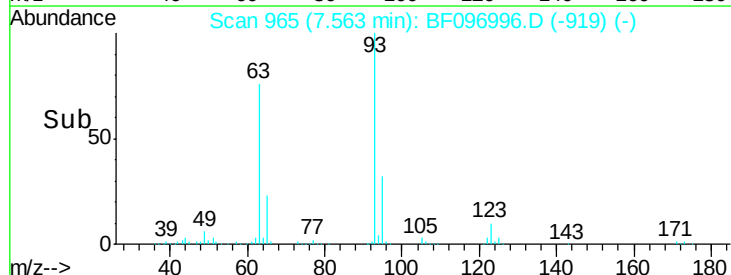
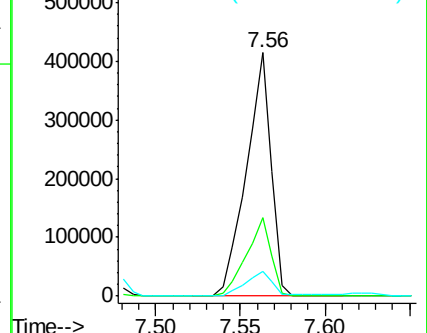
123 10.4 9.0 13.4

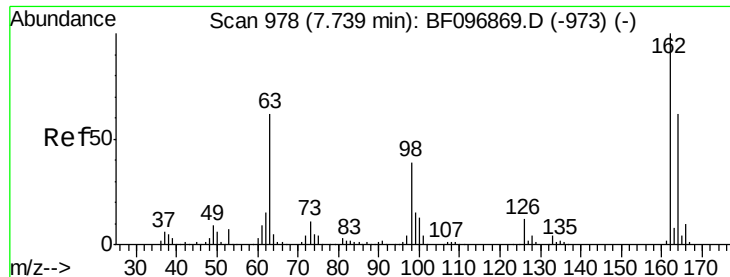


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

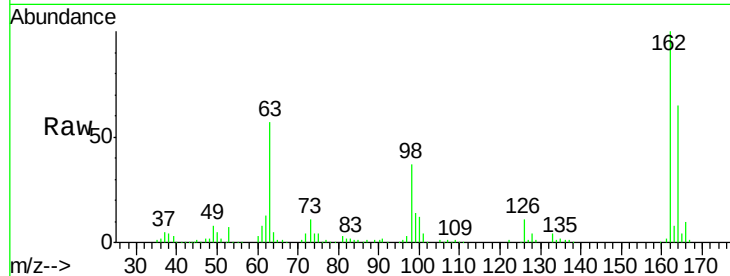




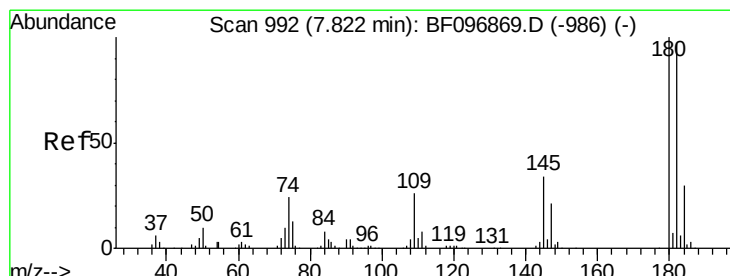
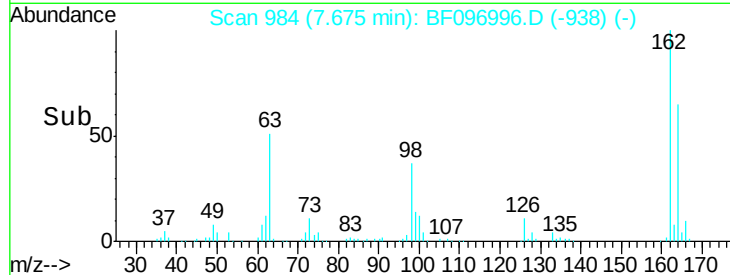
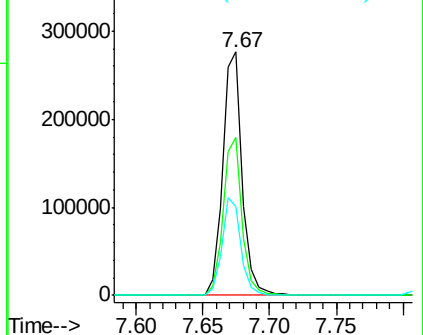
#29
 2,4-Dichlorophenol
 Concen: 39.49 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	36.6	14.8	54.8

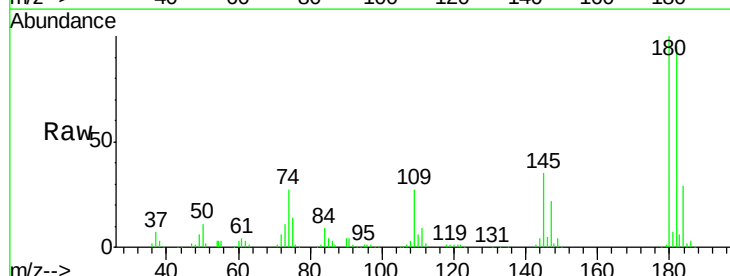


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

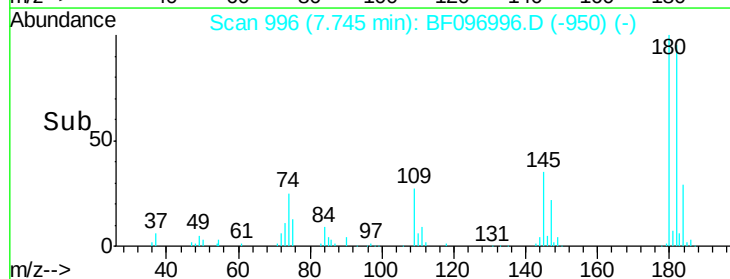
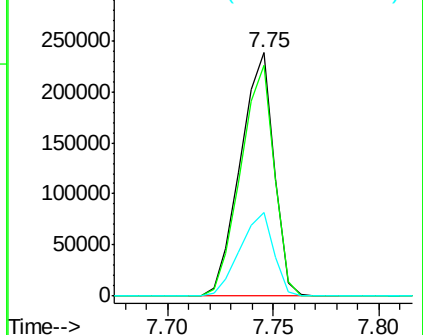


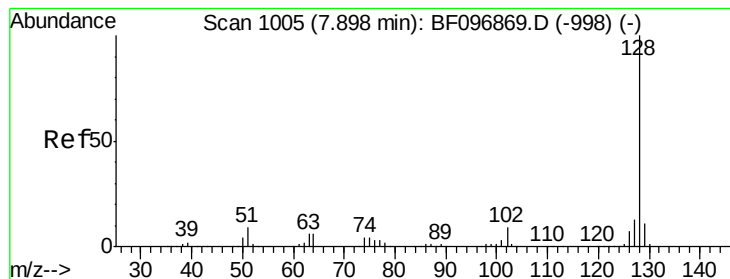
#30
 1,2,4-Trichlorobenzene
 Concen: 38.37 ng
 RT: 7.75 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	34.6	25.3	37.9



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





#31

Naphthalene

Concen: 42.59 ng

RT: 7.82 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

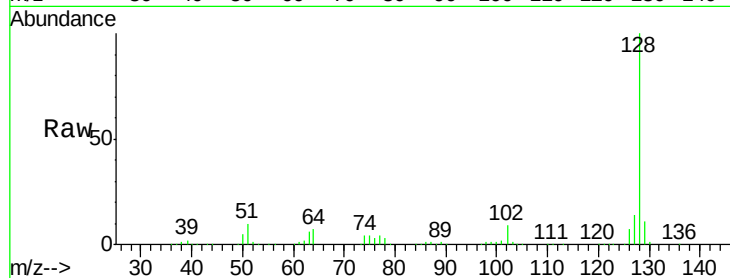
Tot Ion:128 Resp: 1049826

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

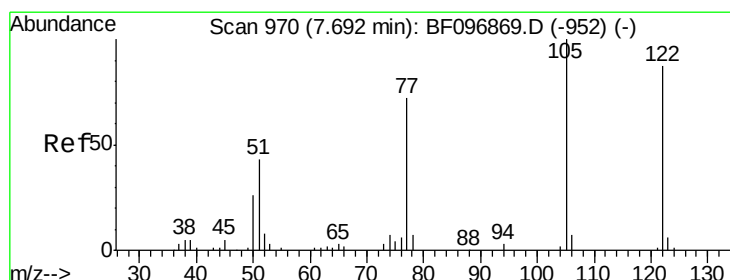
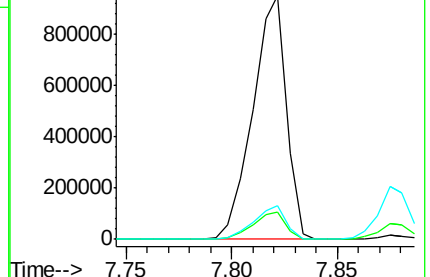
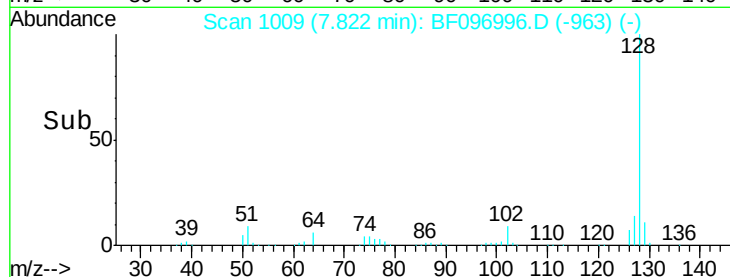
127 13.7 10.8 16.2



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: 35.08 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

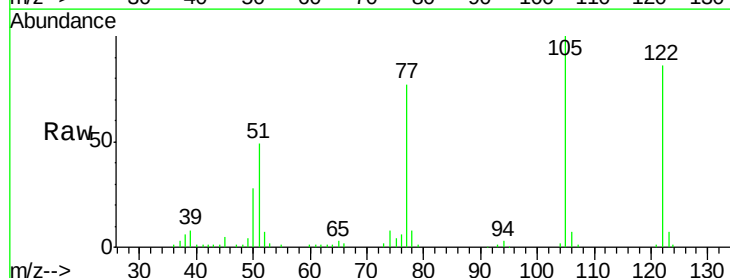
Tgt Ion:122 Resp: 178227

Ion Ratio Lower Upper

122 100

105 116.3 103.3 143.3

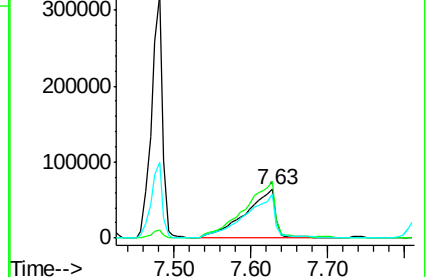
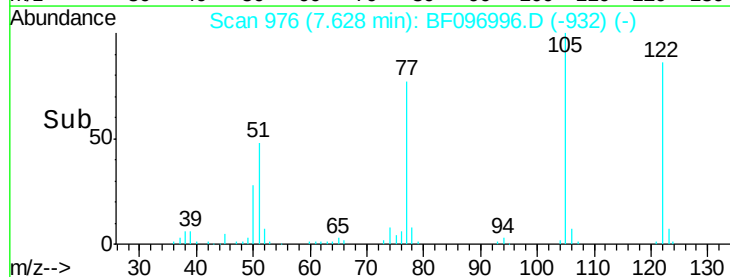
77 89.9 73.7 113.7

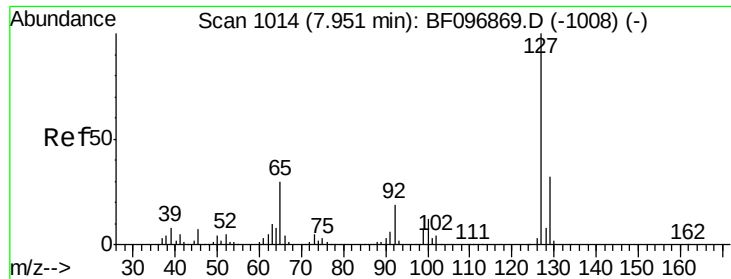


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

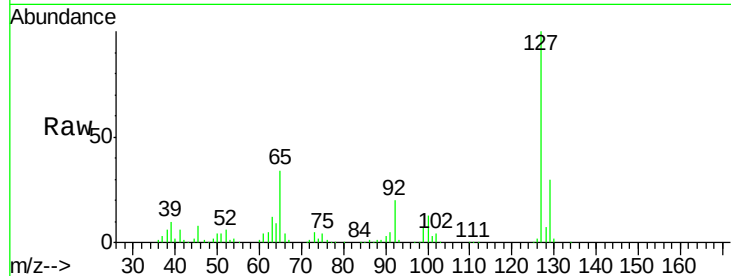




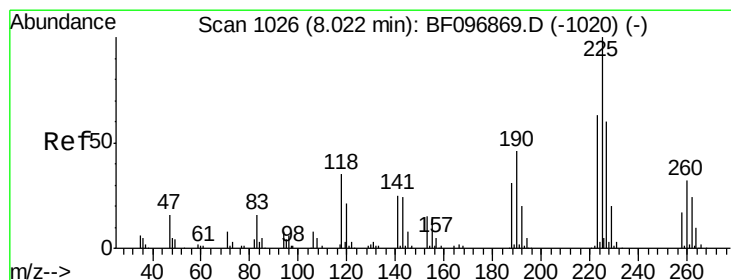
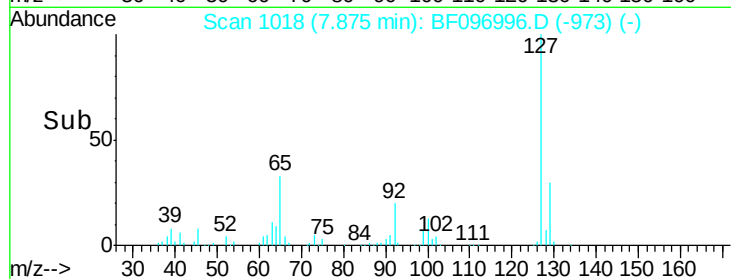
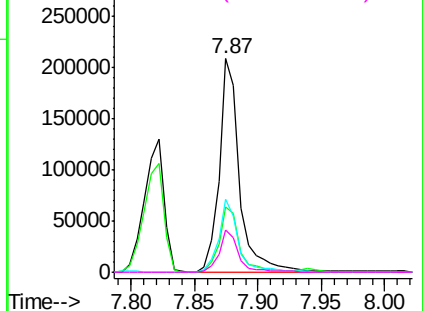
#33
4-Chloroaniline
Concen: 23.80 ng
RT: 7.87 min Scan# 1018
Delta R.T. -0.04 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion:	127	Resp:	232462
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	34.2	27.8	41.8
92	19.7	16.8	25.2

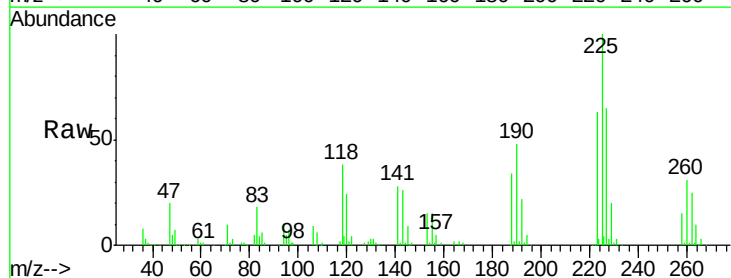


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

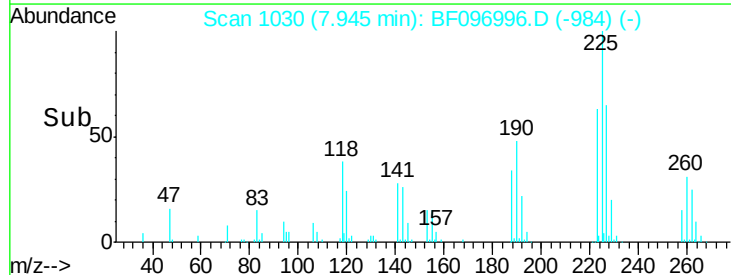
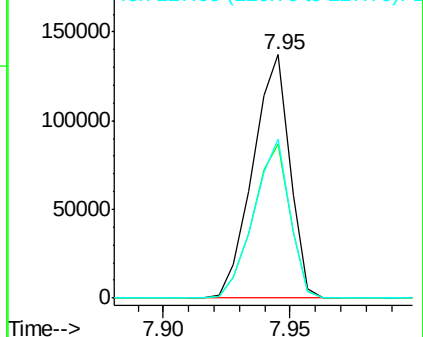


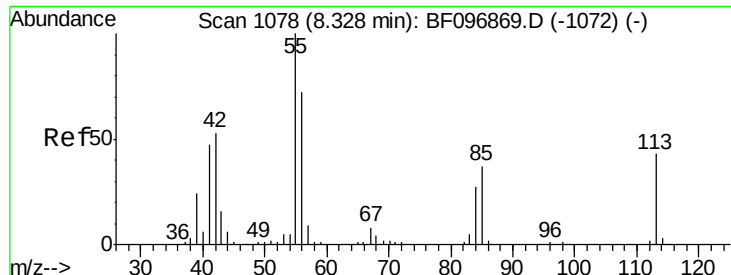
#34
Hexachlorobutadiene
Concen: 38.31 ng
RT: 7.95 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion:	225	Resp:	139918
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	65.1	51.1	76.7



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

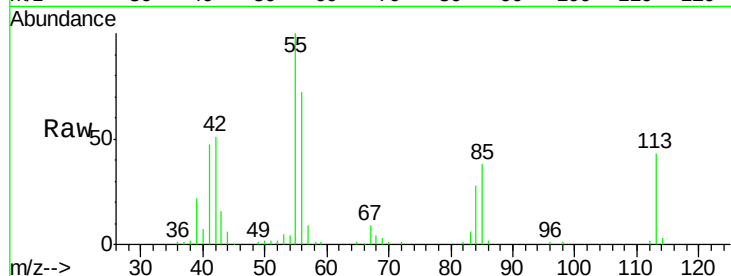




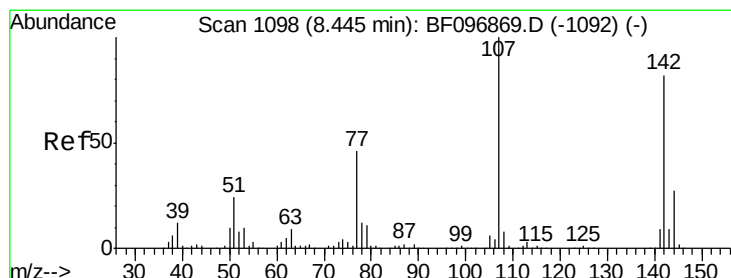
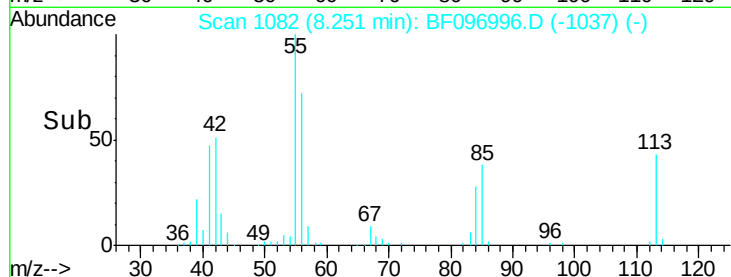
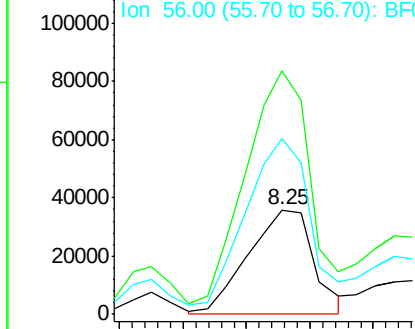
#35
 Caprolactam
 Concen: 22.43 ng
 RT: 8.25 min Scan# 1082
 Delta R.T. -0.04 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion:113 Resp: 51698
 Ion Ratio Lower Upper
 113 100
 55 233.6 150.2 190.2#
 56 169.1 107.8 147.8#

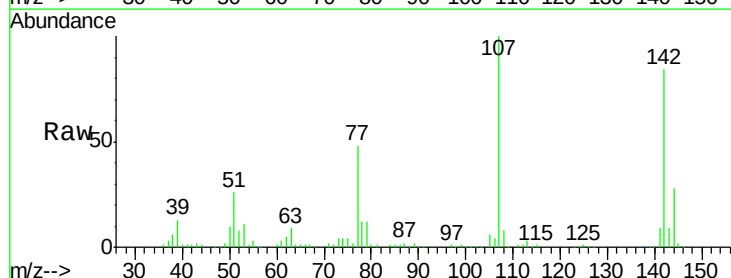


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

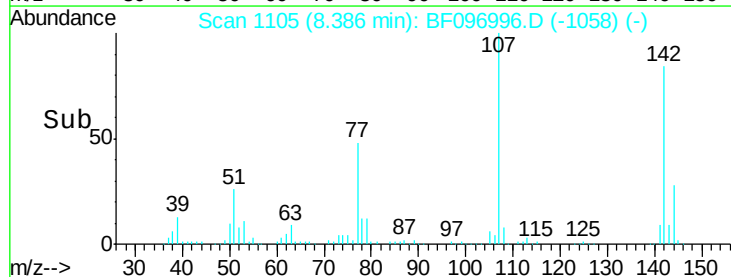
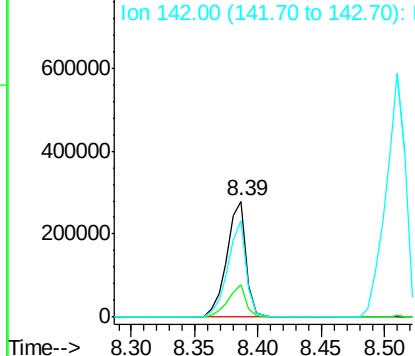


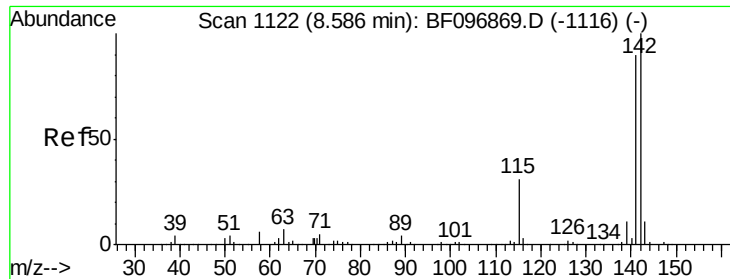
#36
 4-Chloro-3-methylphenol
 Concen: 37.51 ng
 RT: 8.39 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion:107 Resp: 290186
 Ion Ratio Lower Upper
 107 100
 144 27.8 24.2 36.4
 142 83.8 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

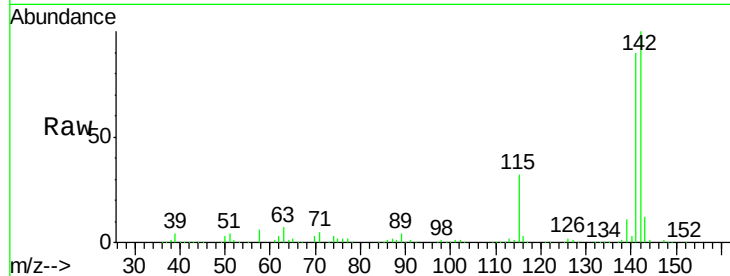




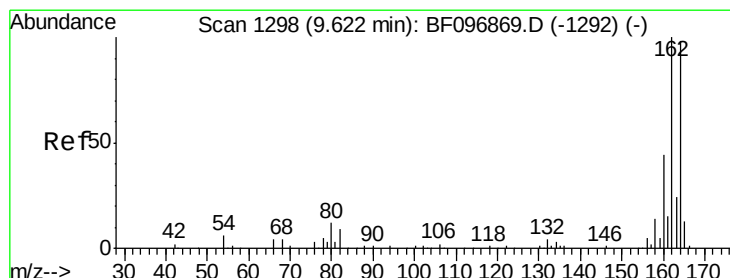
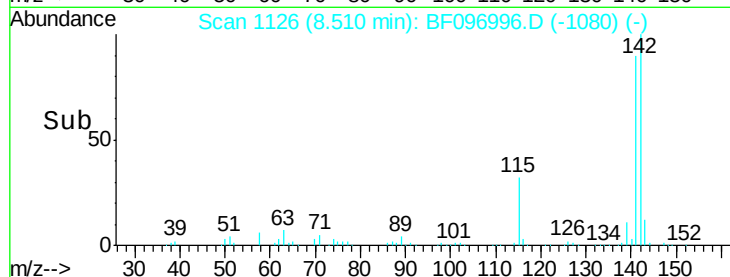
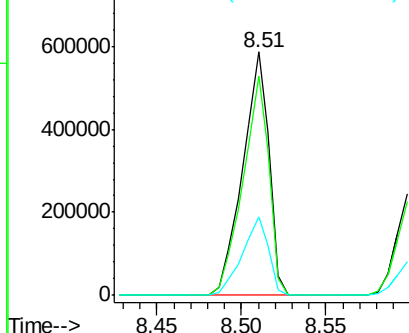
#37
2-Methylnaphthalene
Concen: 40.58 ng
RT: 8.51 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion:142 Resp: 637829
Ion Ratio Lower Upper
142 100
141 89.9 71.3 106.9
115 32.1 27.1 40.7

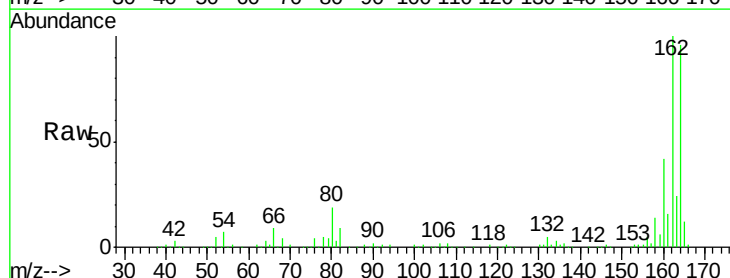


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

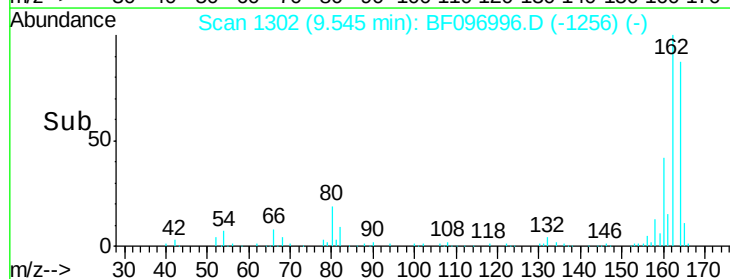
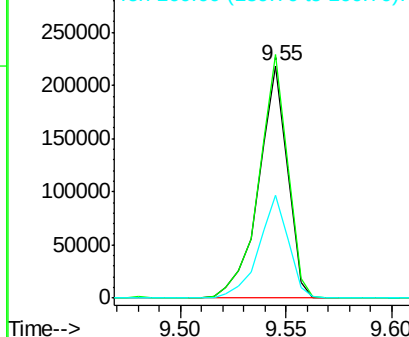


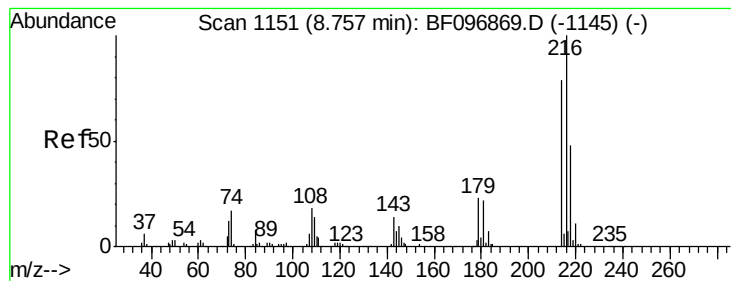
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion:164 Resp: 207949
Ion Ratio Lower Upper
164 100
162 104.7 82.6 123.8
160 44.4 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.79 ng

RT: 8.68 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

Tot Ion:216 Resp: 218070

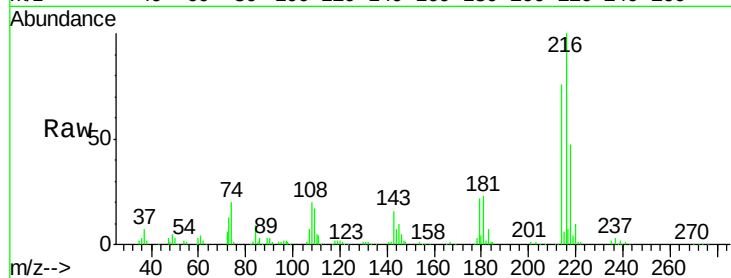
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 22.7 17.9 26.9

108 22.9 16.5 24.7

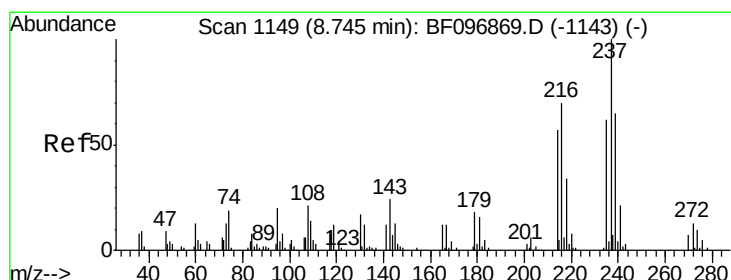
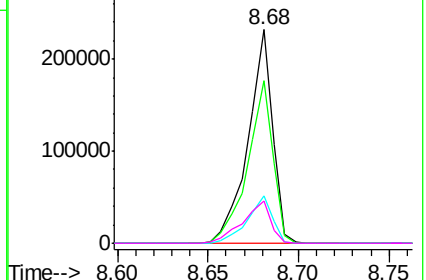
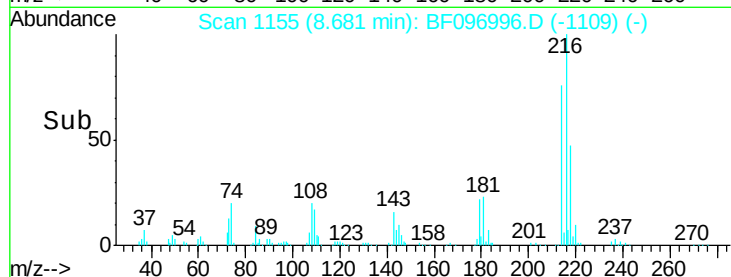


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.07 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

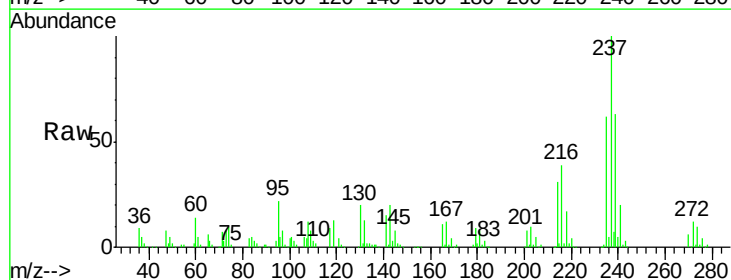
Tgt Ion:237 Resp: 180577

Ion Ratio Lower Upper

237 100

235 62.1 42.6 82.6

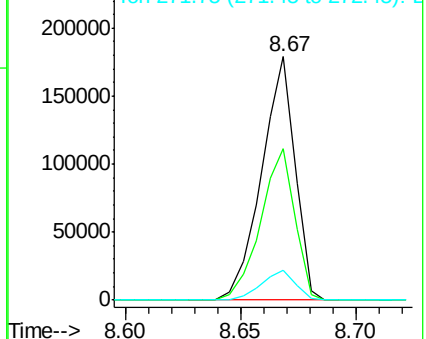
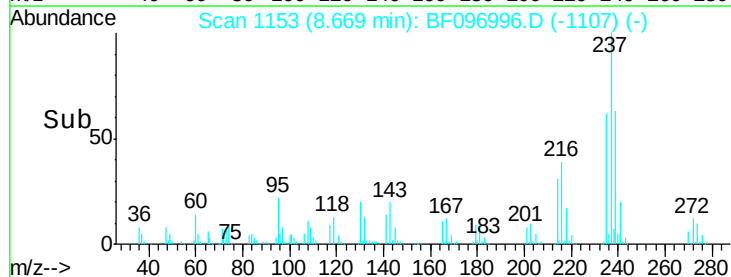
272 12.5 0.0 31.9

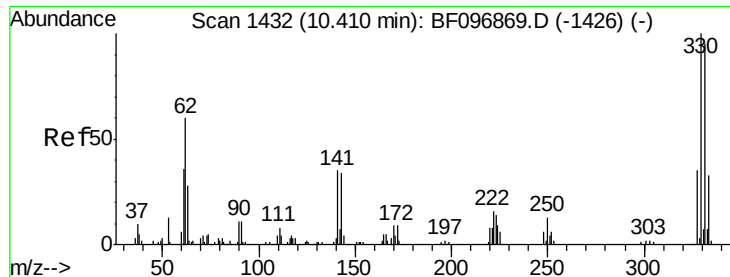


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

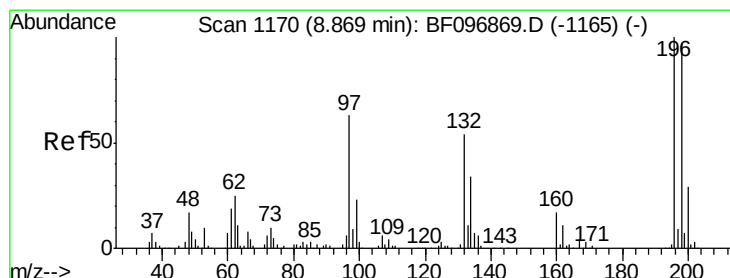
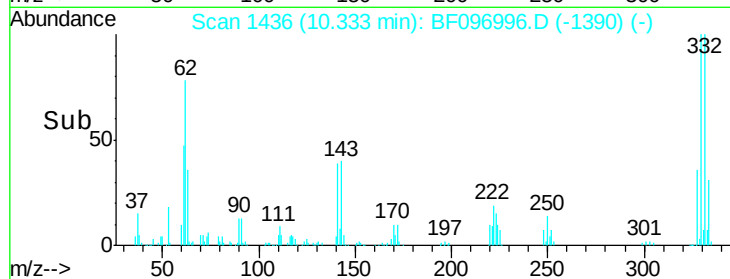
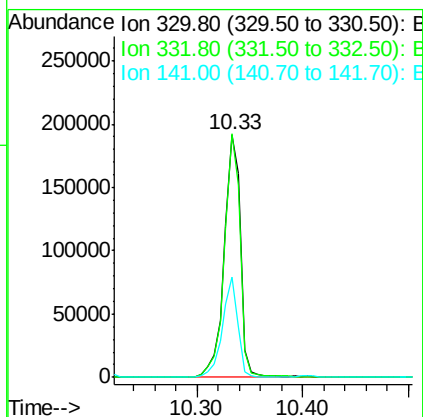
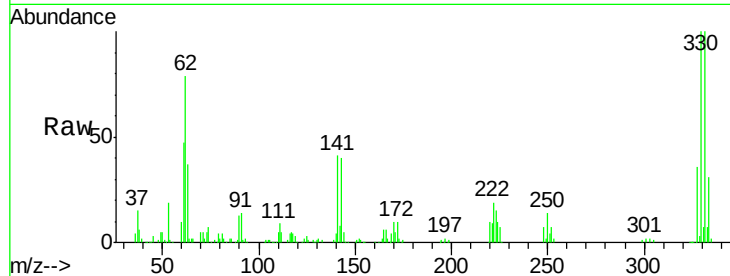




#41
 2,4,6-Tribromophenol
 Concen: 116.77 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

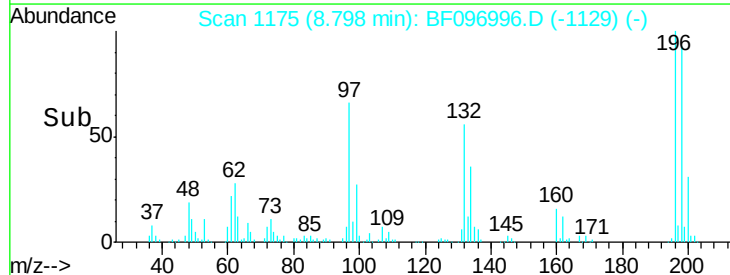
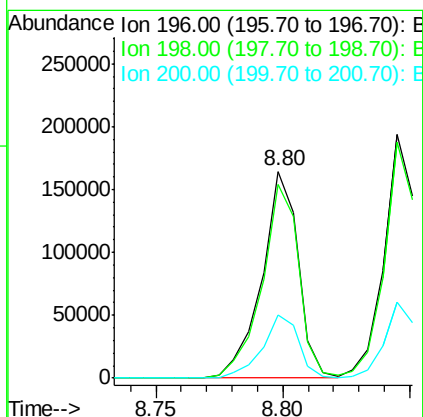
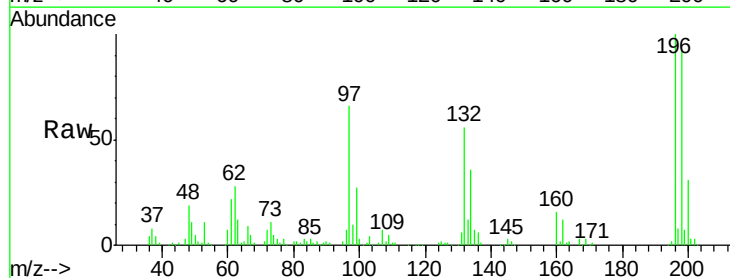
Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

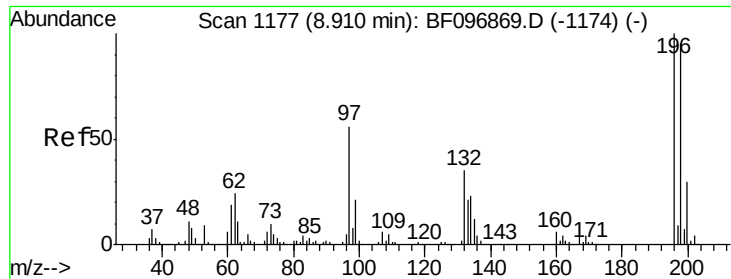
Tot Ion:330 Resp: 207272
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.03 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion:196 Resp: 165993
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.2 111.4
 200 30.6 24.0 36.0

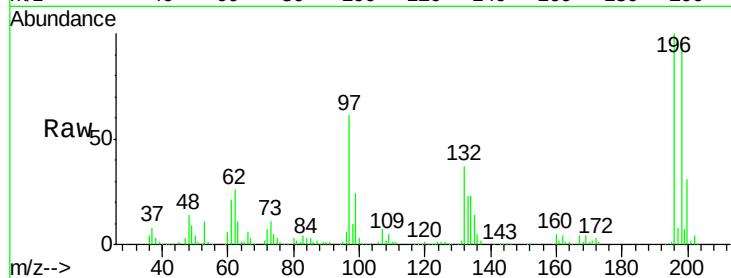




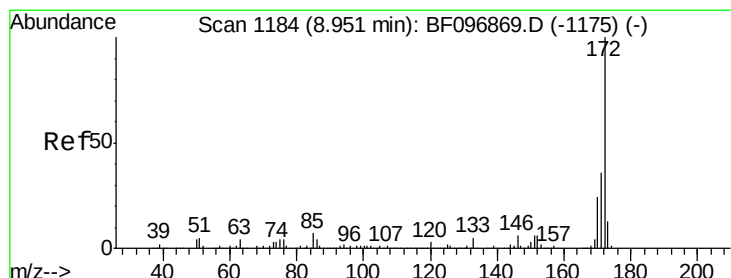
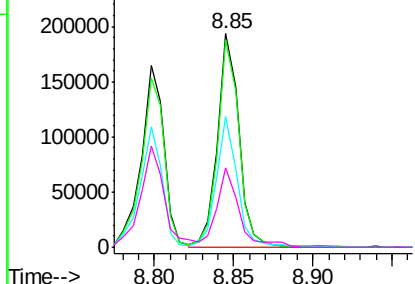
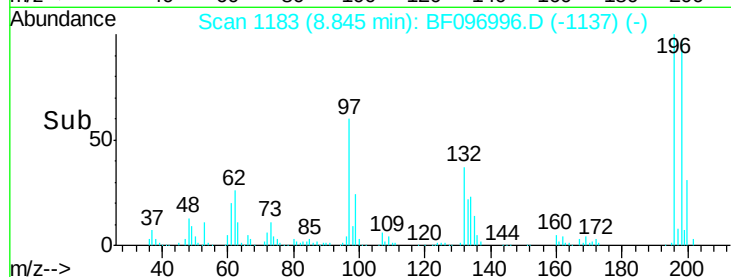
#43
 2,4,5-Trichlorophenol
 Concen: 43.62 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion:196 Resp: 182414
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 97 60.9 47.7 71.5
 132 37.2 28.0 42.0

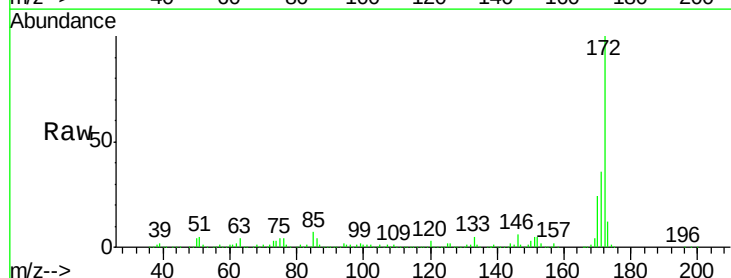


Abundance Ion 196.00 (195.70 to 196.70): E
 300000 Ion 198.00 (197.70 to 198.70): E
 250000 Ion 97.00 (96.70 to 97.70): BF0
 200000 Ion 132.00 (131.70 to 132.70): E
 150000
 100000
 50000
 0

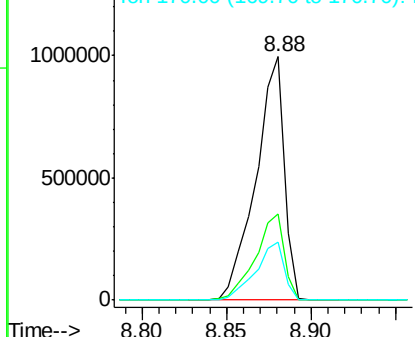
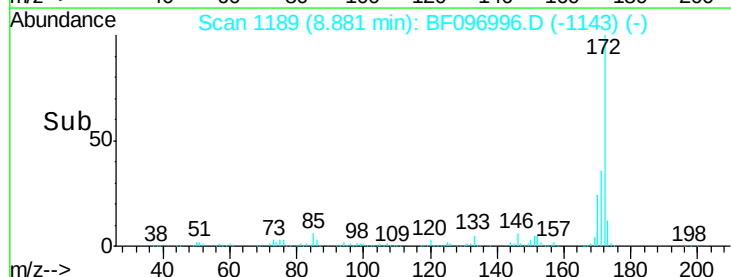


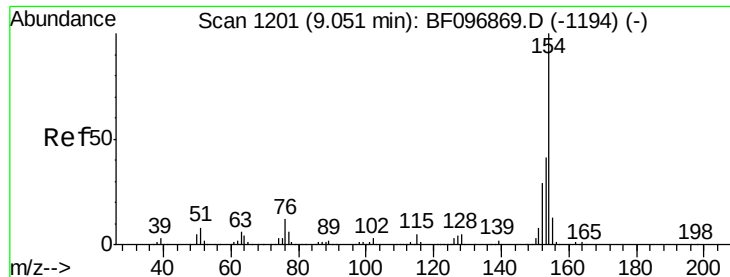
#44
 2-Fluorobiphenyl
 Concen: 88.55 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion:172 Resp: 1165429
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.8 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 1000000 Ion 171.00 (170.70 to 171.70): E
 500000 Ion 170.00 (169.70 to 170.70): E
 0

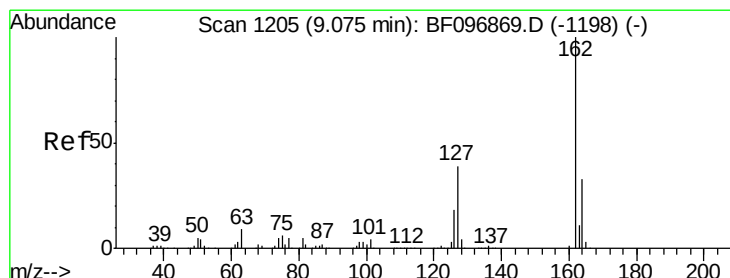
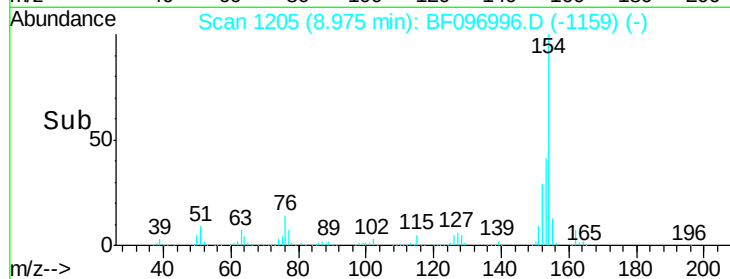
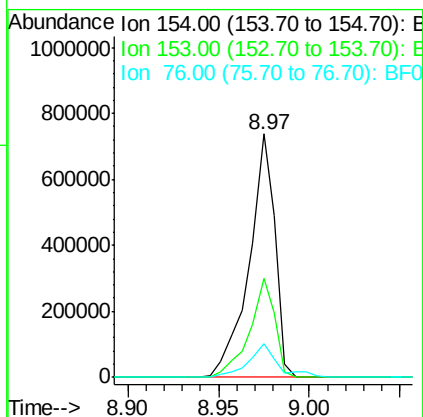
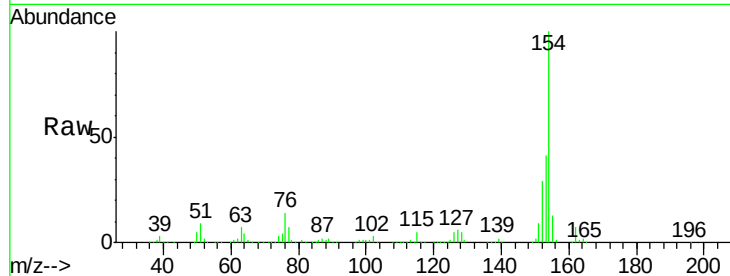




#45
 1,1'-Biphenyl
 Concen: 40.76 ng
 RT: 8.97 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

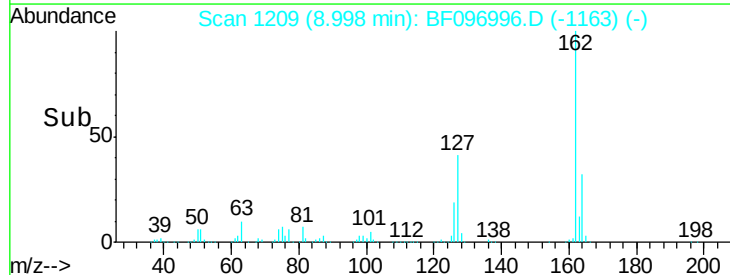
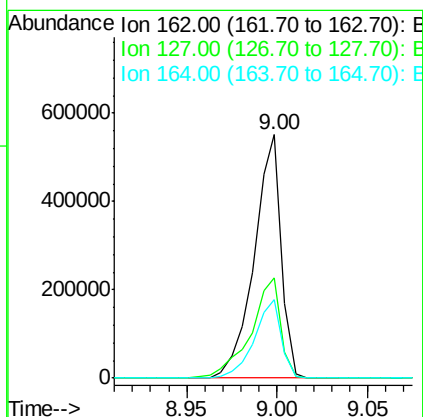
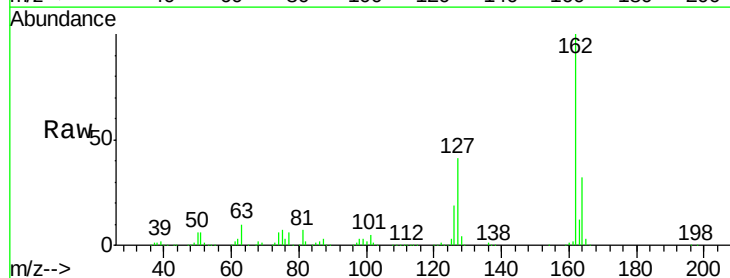
Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

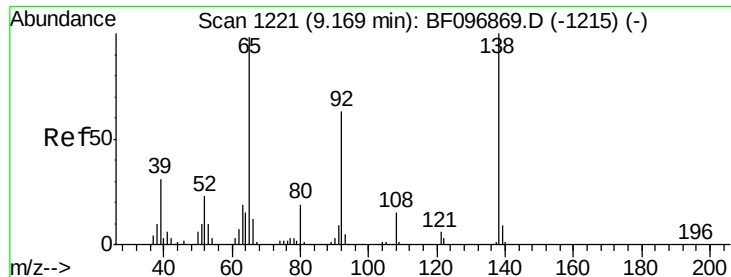
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	13.7	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 43.37 ng
 RT: 9.00 min Scan# 1209
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	28.3	42.5
164	32.1	27.0	40.4

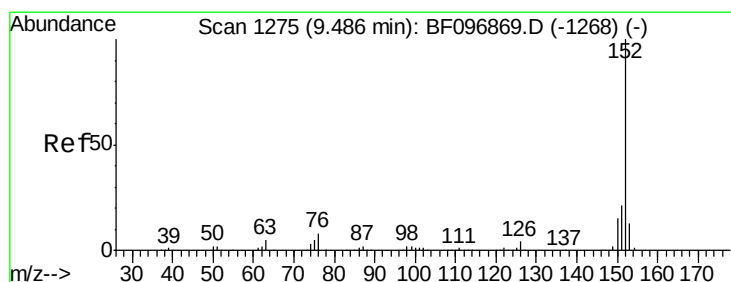
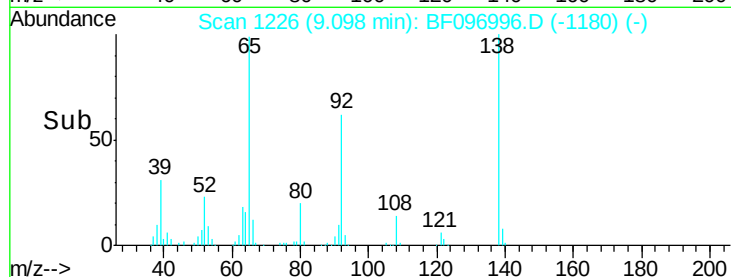
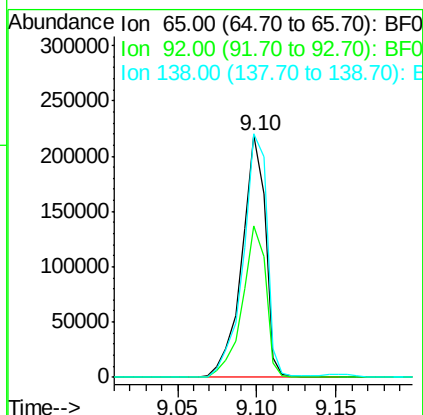
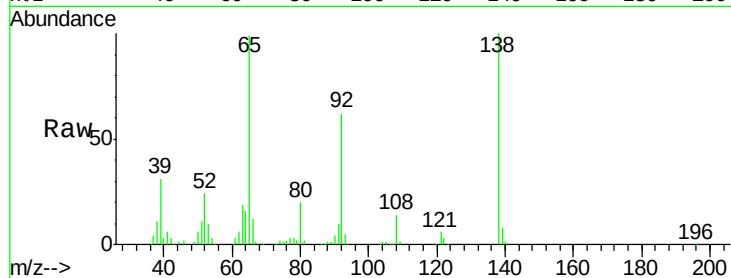




#47
2-Nitroaniline
Concen: 49.64 ng
RT: 9.10 min Scan# 1226
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

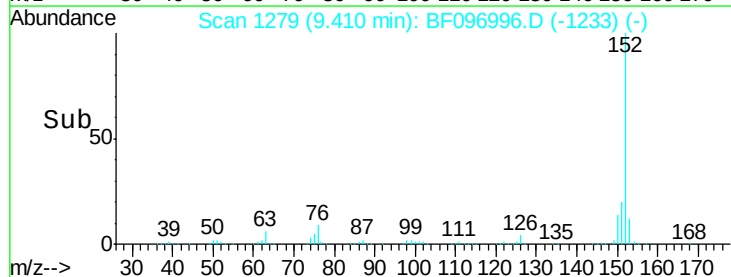
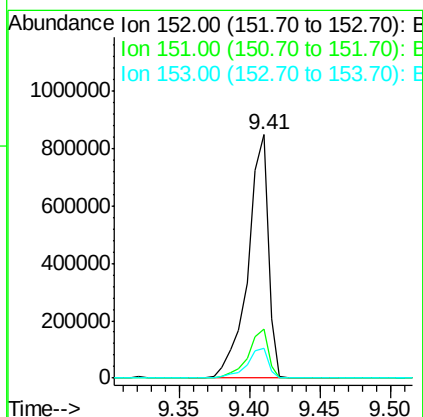
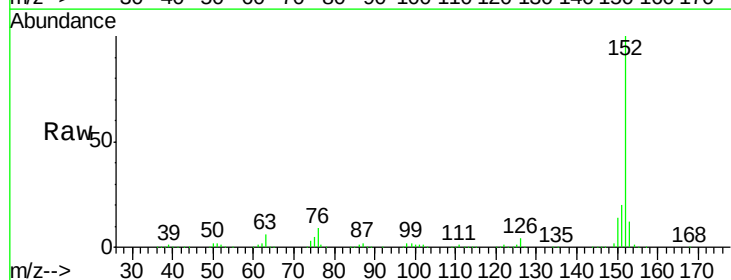
Instrument :
BNA_F
ClientSampleId :
PB100872BS

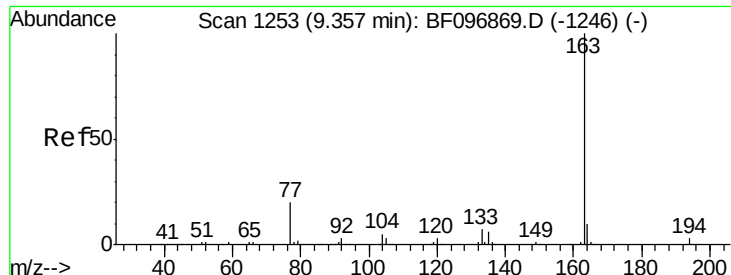
Tot Ion: 65 Resp: 224082
Ion Ratio Lower Upper
65 100
92 62.8 53.9 80.9
138 100.7 78.8 118.2



#48
Acenaphthylene
Concen: 40.97 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion: 152 Resp: 857340
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.5 10.8 16.2

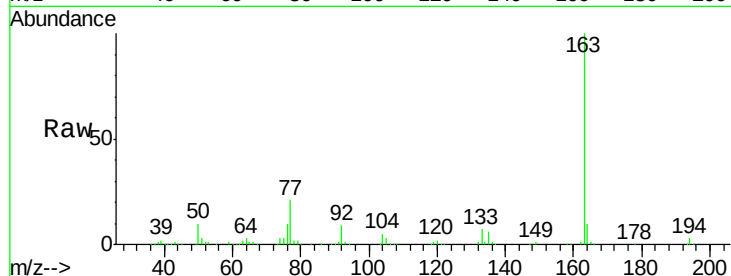




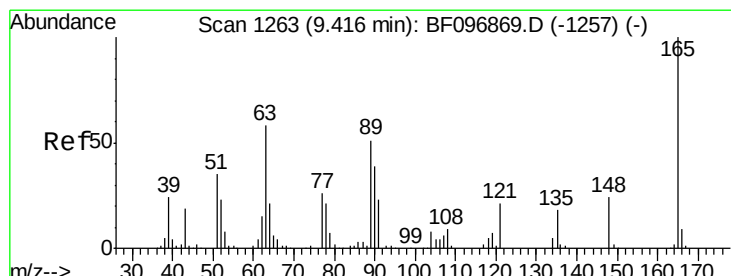
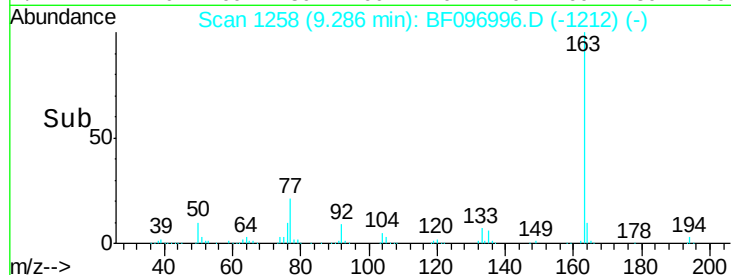
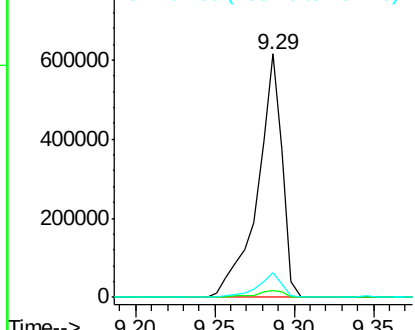
#49
Dimethylphthalate
Concen: 42.48 ng
RT: 9.29 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion:163 Resp: 665084
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.4 12.6

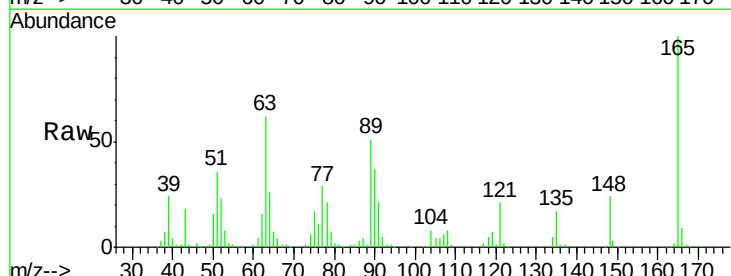


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

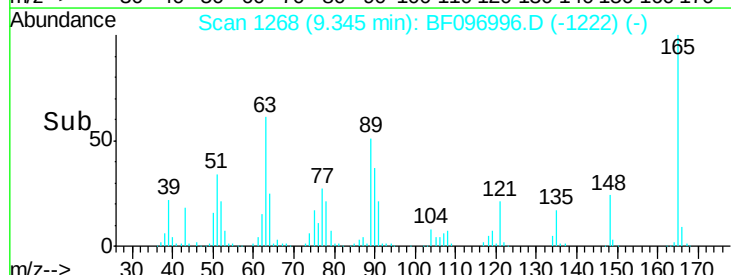
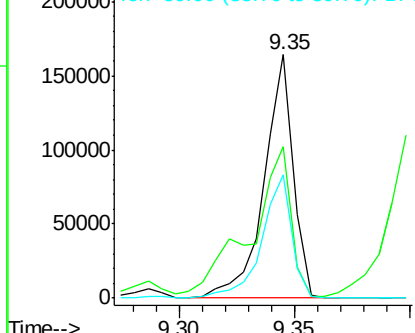


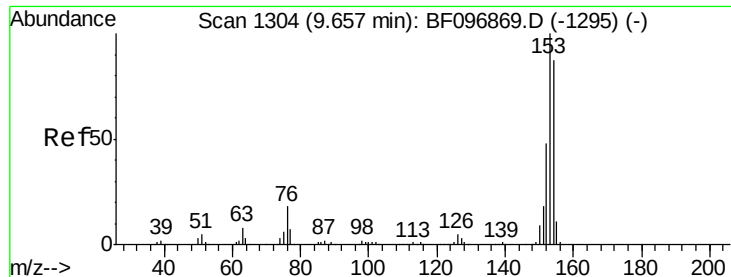
#50
2,6-Dinitrotoluene
Concen: 42.54 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion:165 Resp: 144279
Ion Ratio Lower Upper
165 100
63 62.4 34.3 51.5#
89 50.6 37.1 55.7



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





#51

Acenaphthene

Concen: 40.51 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

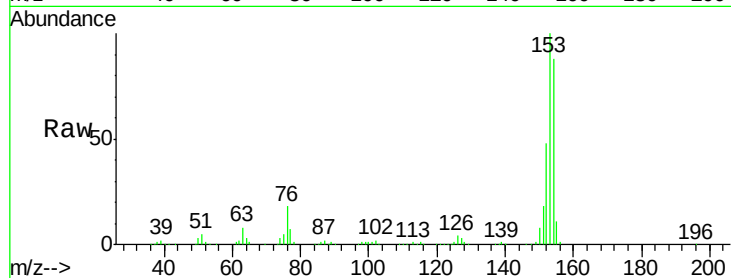
Tot Ion:154 Resp: 500682

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

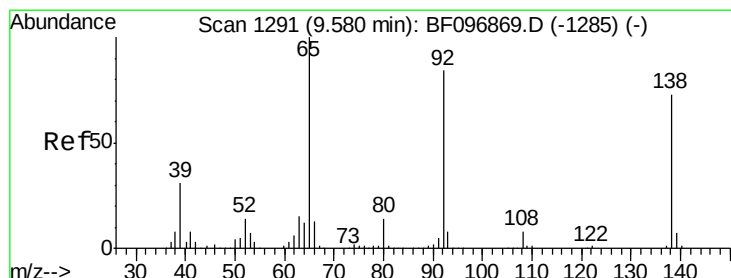
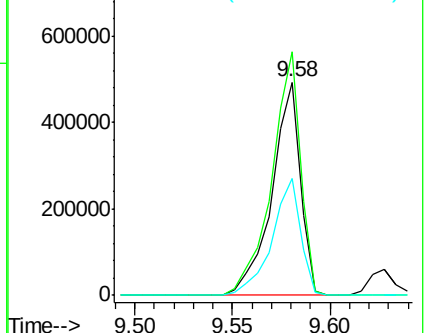
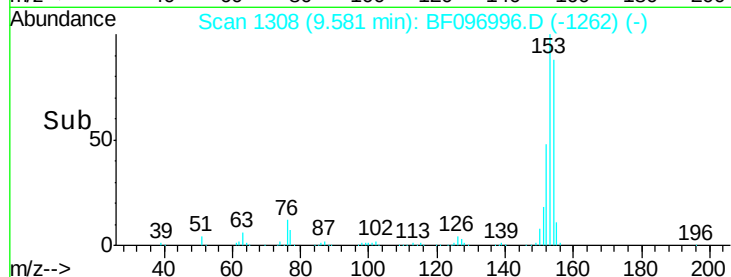
152 55.1 43.6 65.4



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: 28.79 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

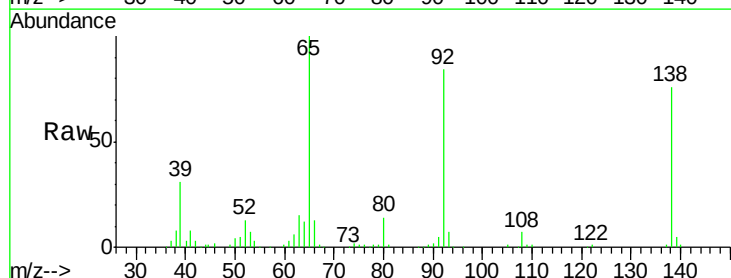
Tgt Ion:138 Resp: 115671

Ion Ratio Lower Upper

138 100

108 9.2 9.1 13.7

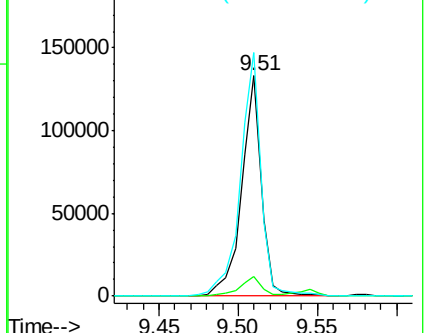
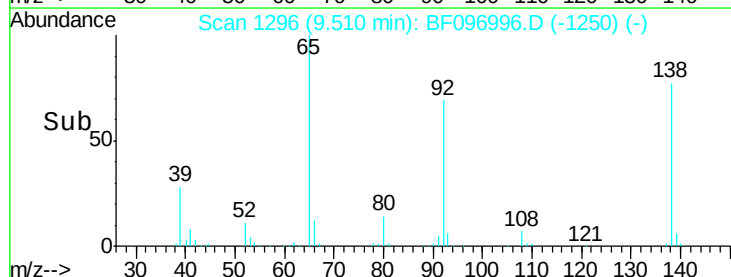
92 110.5 93.8 140.6

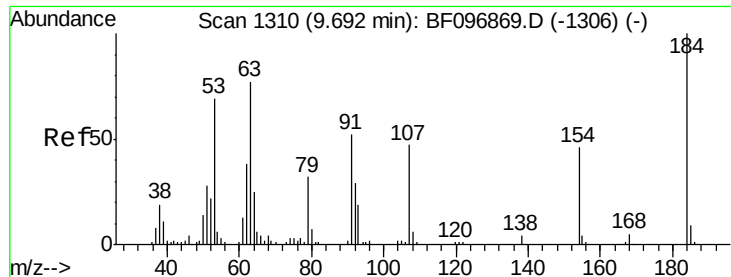


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

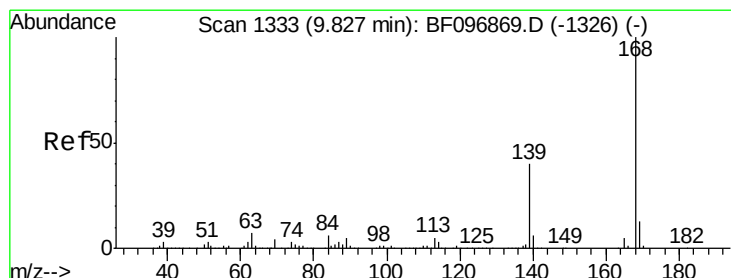
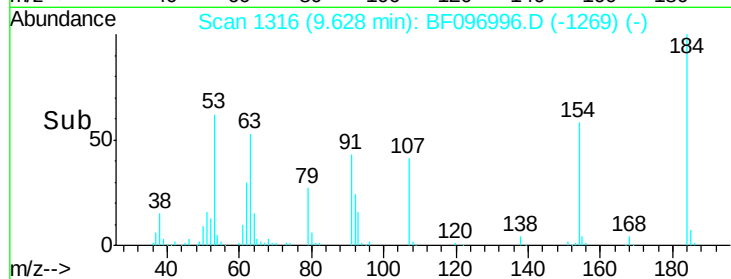
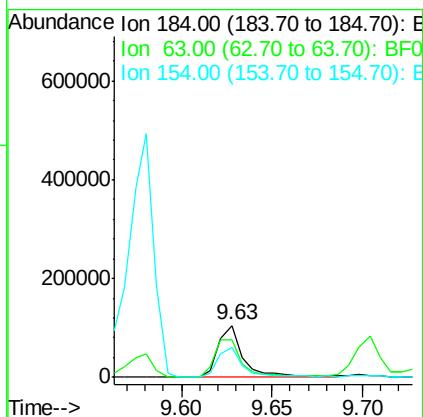
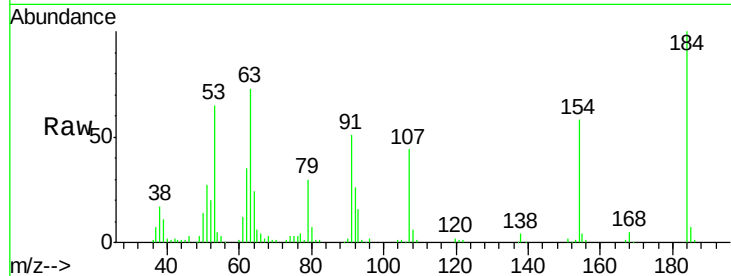




#53
 2,4-Dinitrophenol
 Concen: 63.59 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

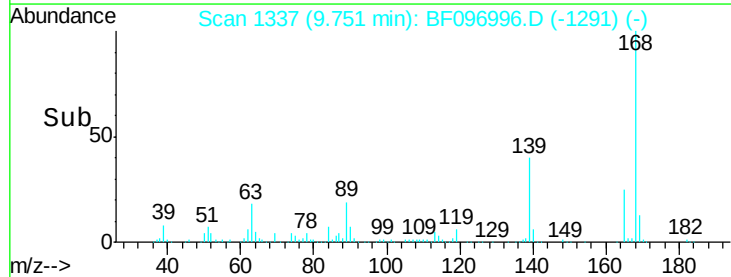
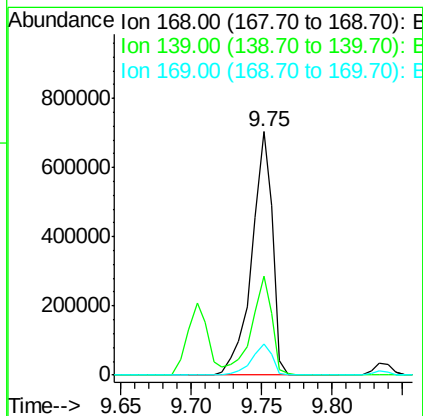
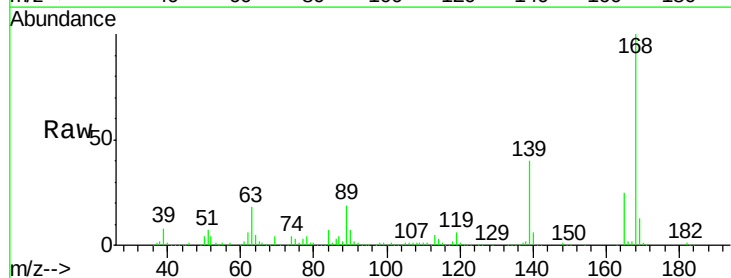
Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

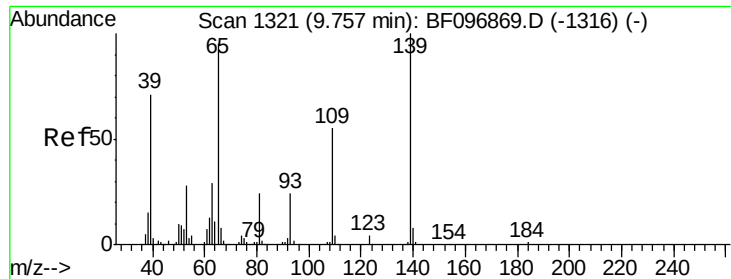
Tot Ion:184 Resp: 104253
 Ion Ratio Lower Upper
 184 100
 63 72.6 62.7 94.1
 154 58.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.85 ng
 RT: 9.75 min Scan# 1337
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion:168 Resp: 724996
 Ion Ratio Lower Upper
 168 100
 139 40.5 30.6 45.8
 169 13.0 10.8 16.2

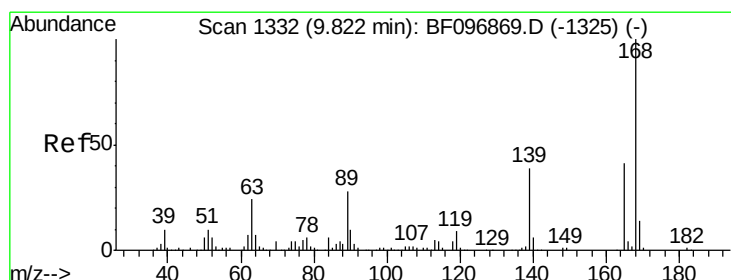
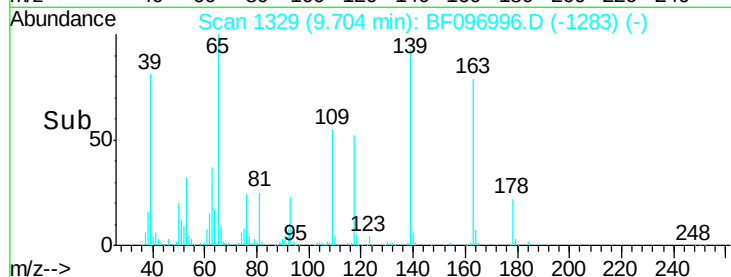
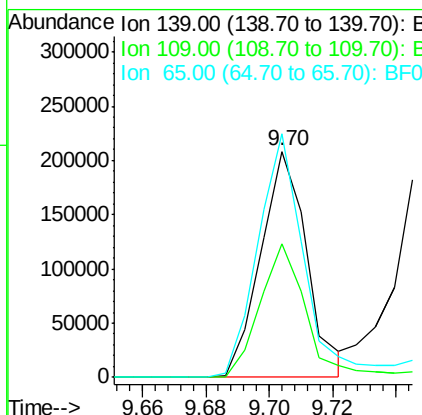
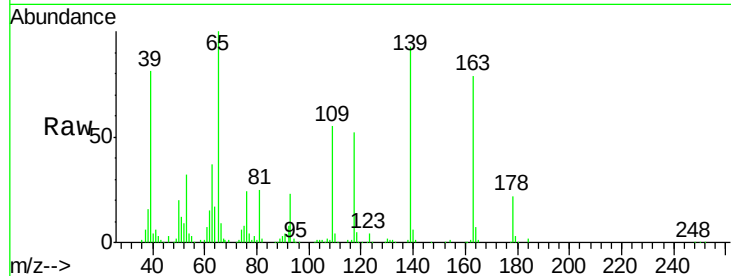




#55
4-Nitrophenol
Concen: 71.84 ng
RT: 9.70 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

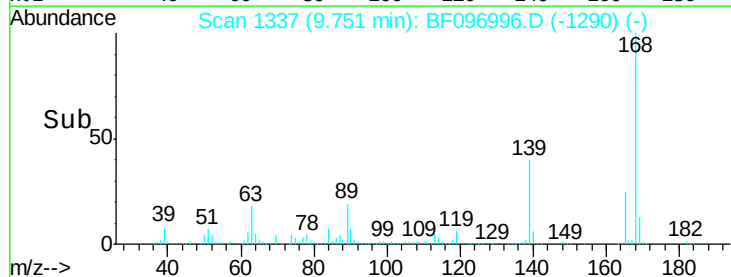
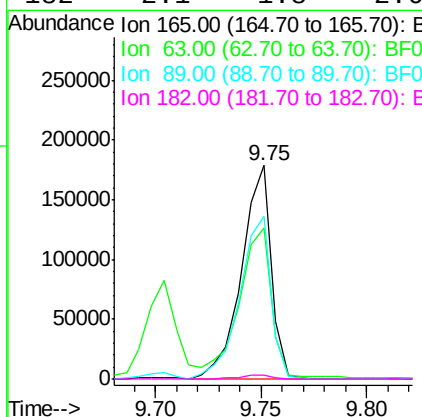
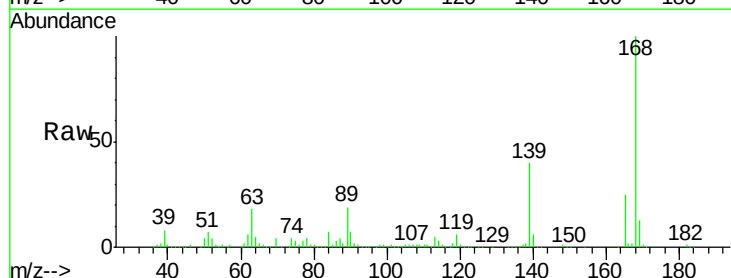
Instrument :
BNA_F
ClientSampleId :
PB100872BS

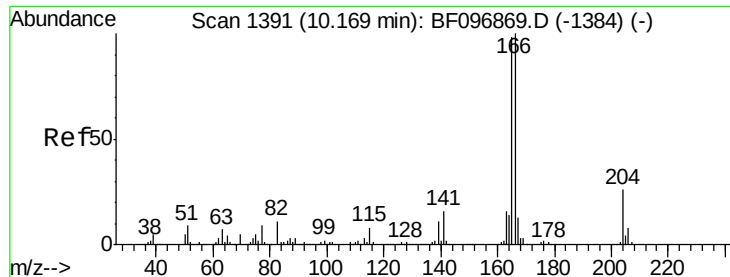
Tot Ion:139 Resp: 210882
Ion Ratio Lower Upper
139 100
109 59.2 34.1 74.1
65 107.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.95 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion:165 Resp: 174113
Ion Ratio Lower Upper
165 100
63 70.5 25.4 38.0#
89 76.3 46.4 69.6#
182 2.1 1.8 2.6





#57

Fluorene

Concen: 42.11 ng

RT: 10.09 min Scan# 1395

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

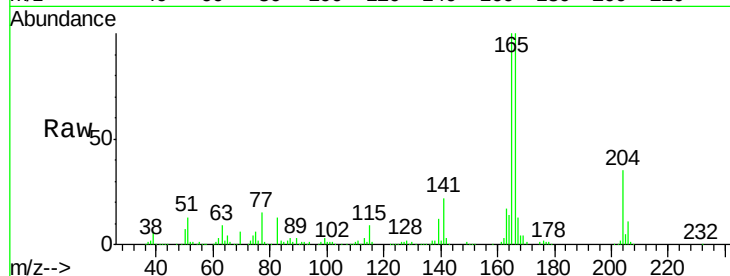
Tot Ion:166 Resp: 538964

Ion Ratio Lower Upper

166 100

165 100.4 78.8 118.2

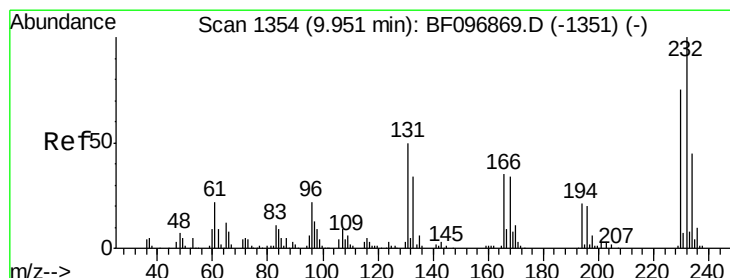
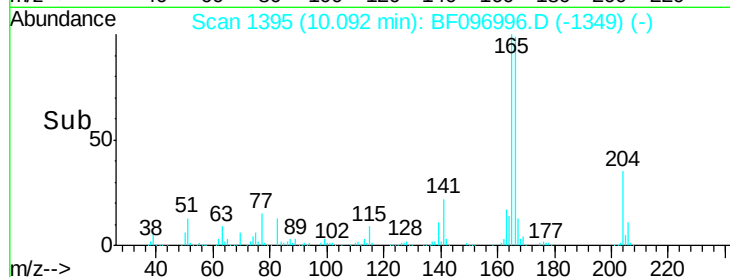
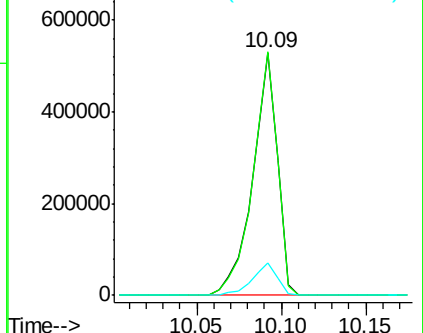
167 13.4 10.6 16.0



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: 45.15 ng

RT: 9.88 min Scan# 1359

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:232 Resp: 130941

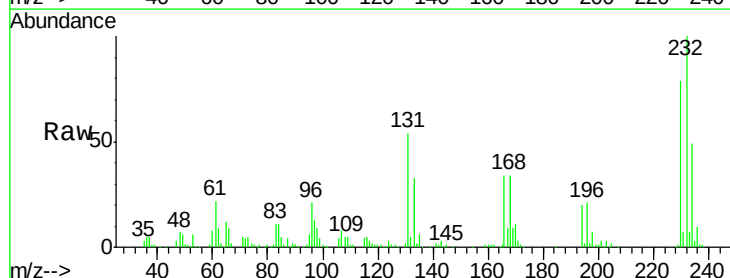
Ion Ratio Lower Upper

232 100

131 59.2 44.8 67.2

130 2.5 2.3 3.5

166 35.8 29.0 43.4

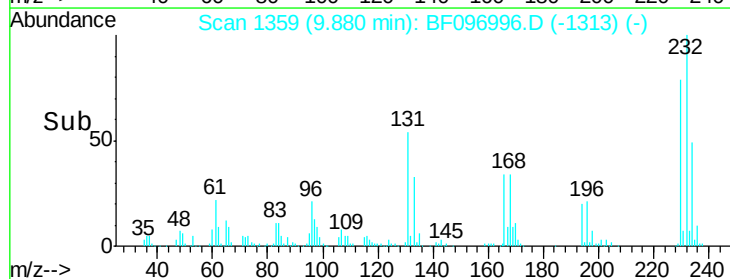
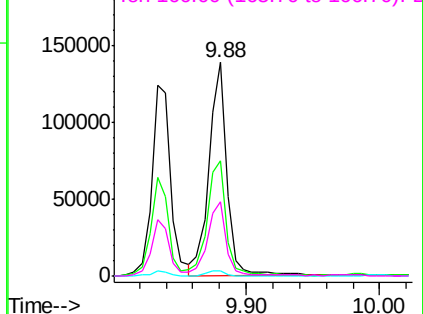


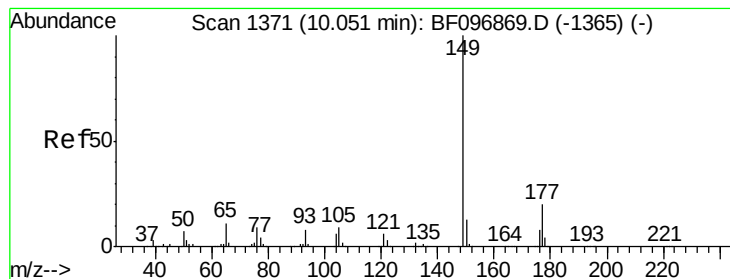
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.14 ng

RT: 9.99 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

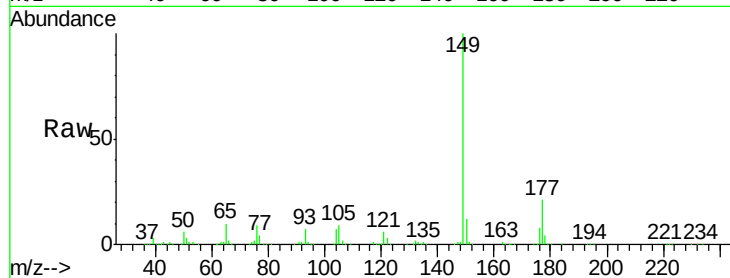
Tot Ion:149 Resp: 657577

Ion Ratio Lower Upper

149 100

177 21.3 16.7 25.1

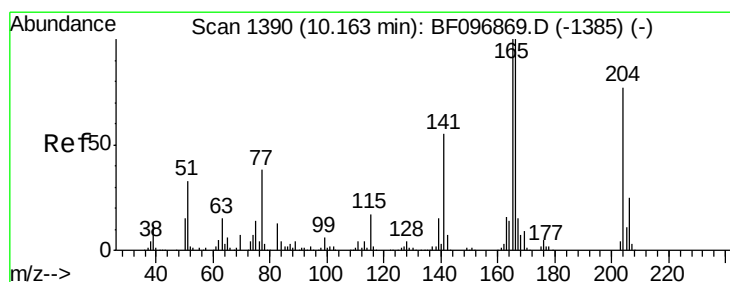
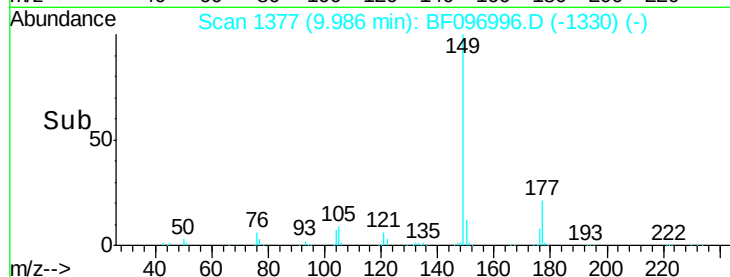
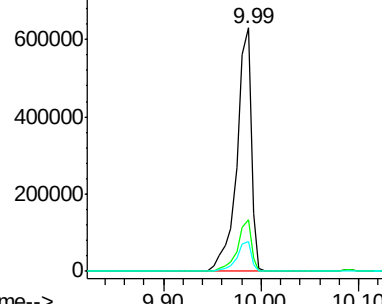
150 12.4 10.2 15.2



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: 41.86 ng

RT: 10.09 min Scan# 1394

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

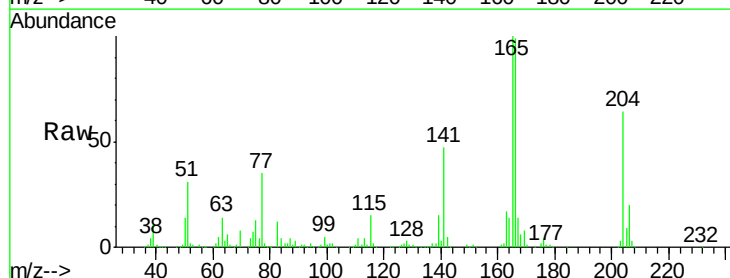
Tgt Ion:204 Resp: 226108

Ion Ratio Lower Upper

204 100

206 31.1 26.2 39.2

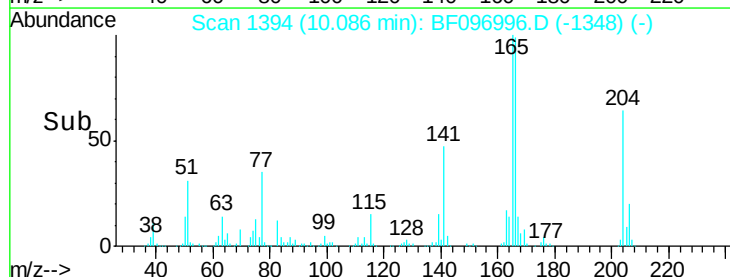
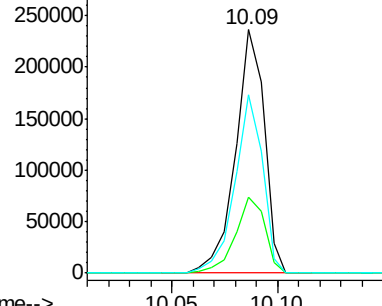
141 73.3 60.8 91.2

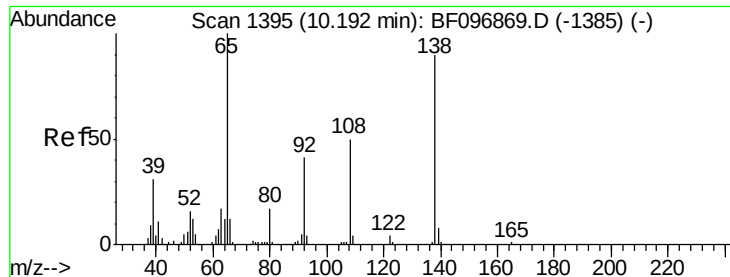


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

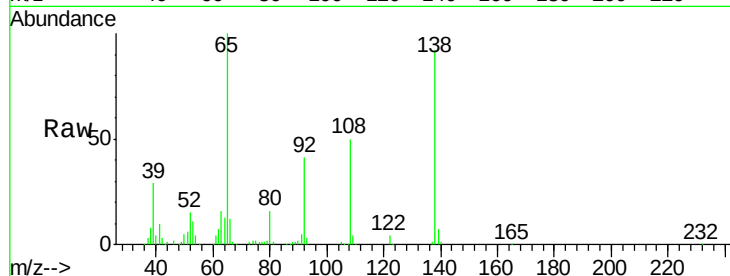




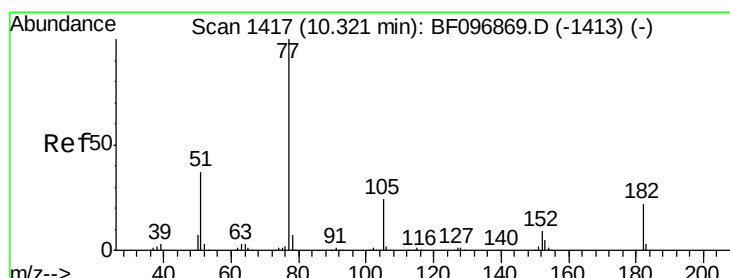
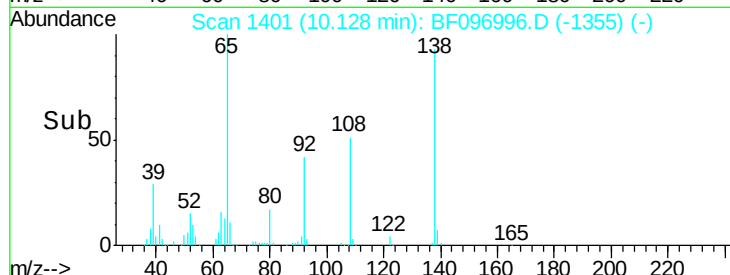
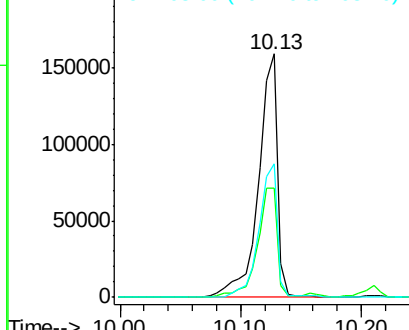
#61
4-Nitroaniline
Concen: 46.46 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion:138 Resp: 175278
Ion Ratio Lower Upper
138 100
92 44.6 21.8 61.8
108 54.7 42.3 82.3

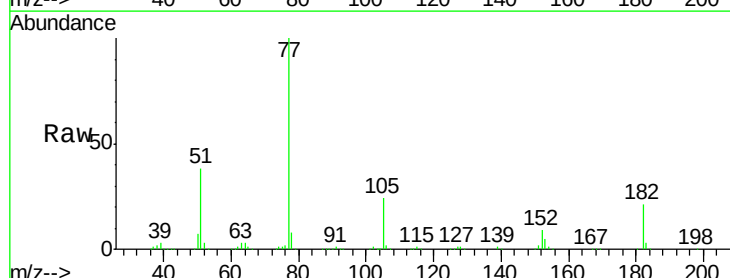


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

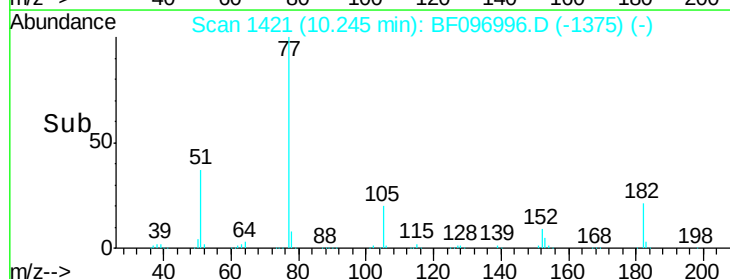
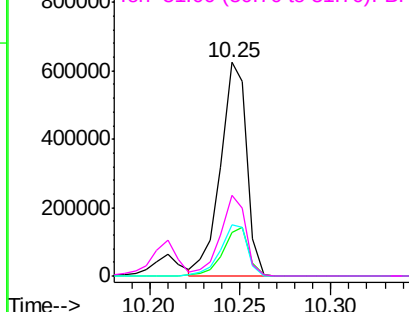


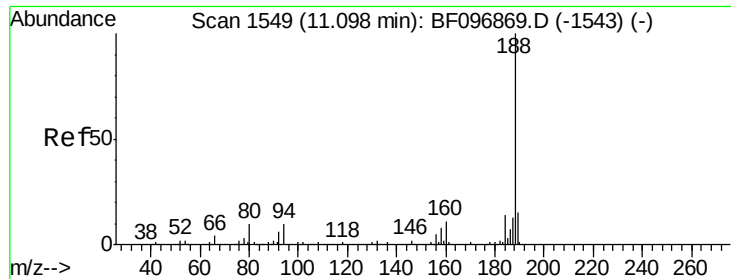
#62
Azobenzene
Concen: 46.97 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion: 77 Resp: 631592
Ion Ratio Lower Upper
77 100
182 20.5 0.1 40.1
105 23.9 3.6 43.6
51 37.7 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

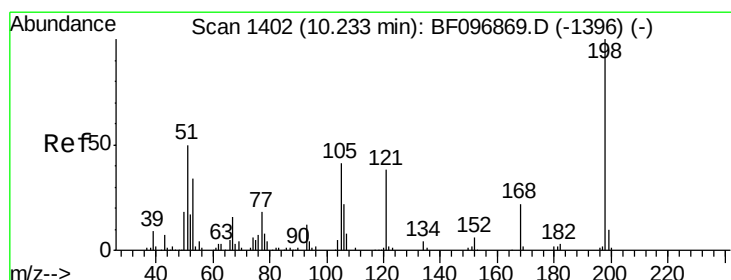
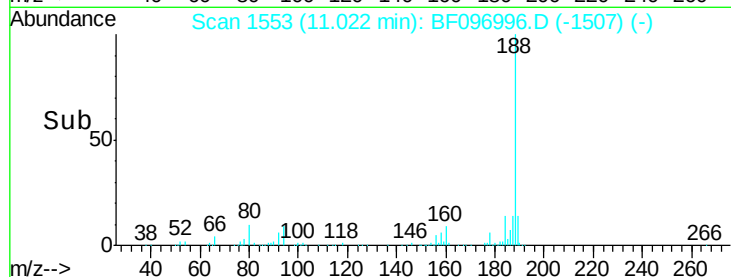
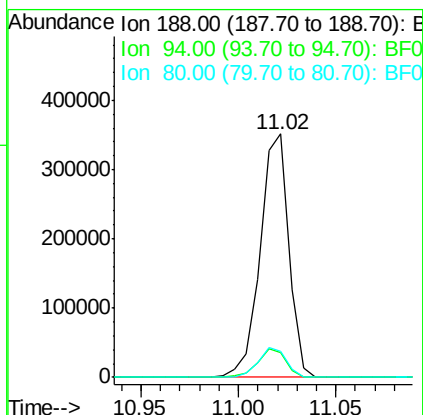
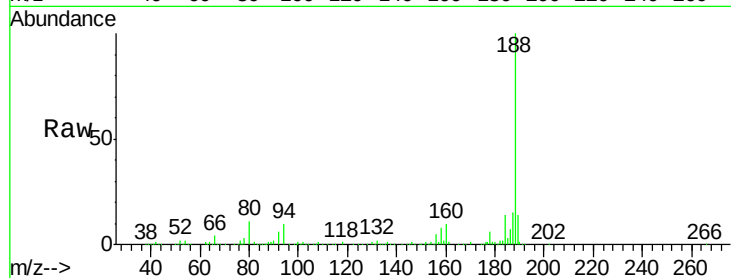




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

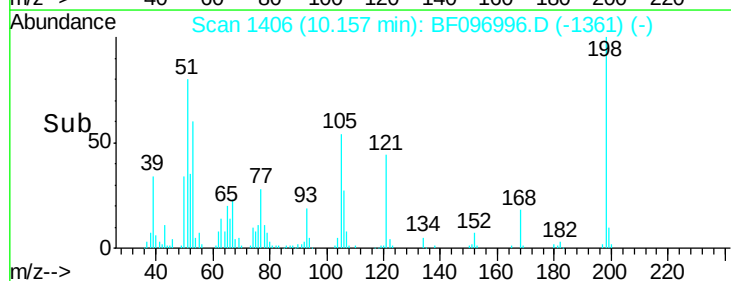
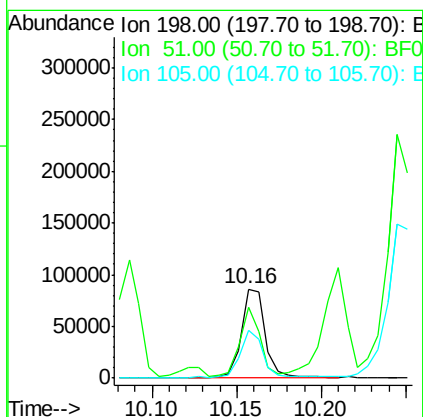
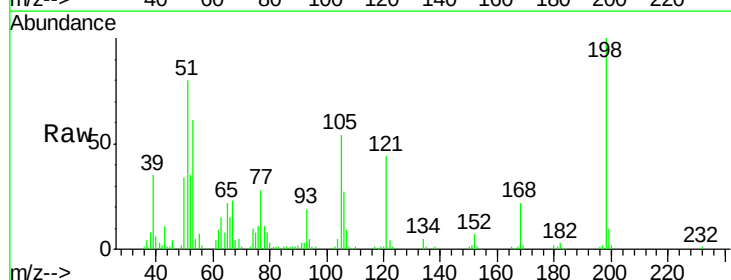
Instrument :
BNA_F
ClientSampleId :
PB100872BS

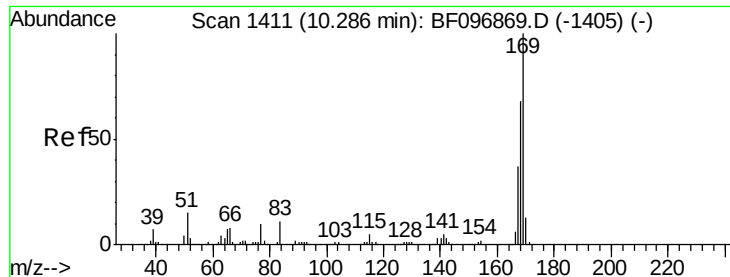
Tot Ion:188 Resp: 356473
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 38.53 ng
RT: 10.16 min Scan# 1406
Delta R.T. -0.04 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion:198 Resp: 86244
Ion Ratio Lower Upper
198 100
51 80.0 53.2 93.2
105 54.1 45.8 85.8

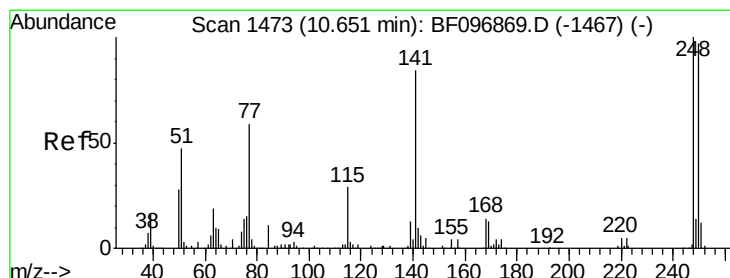
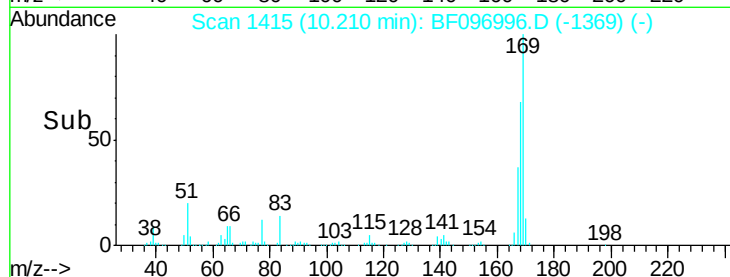
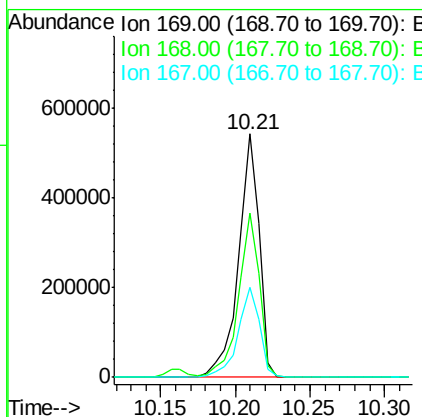
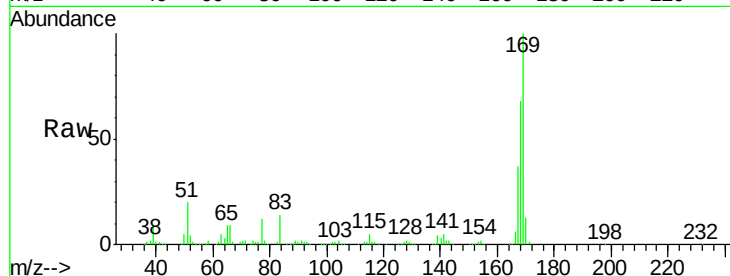




#65
 n-Nitrosodiphenylamine
 Concen: 41.21 ng
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

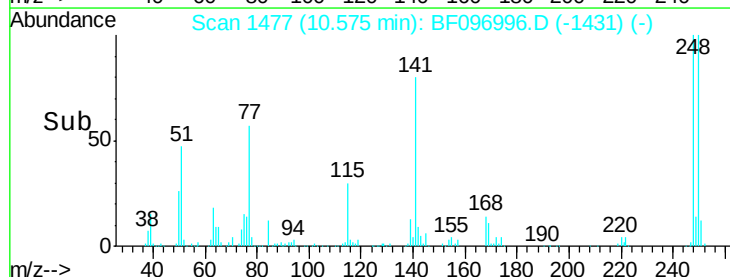
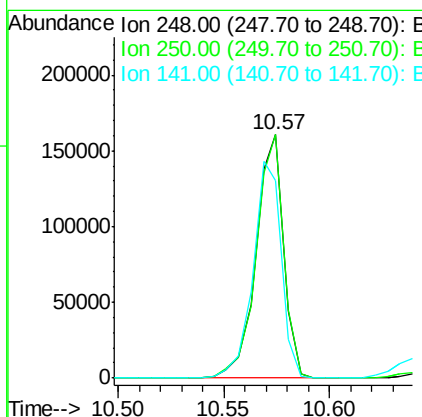
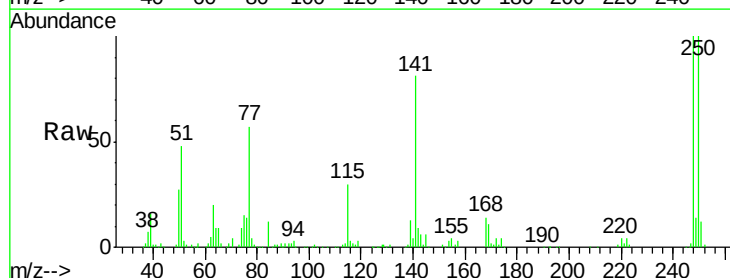
Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

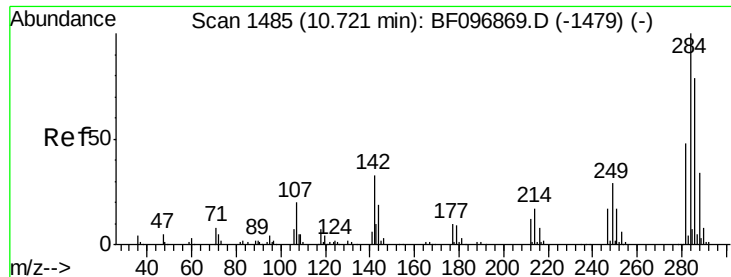
Tot Ion:169 Resp: 525056
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.2 79.8
 167 37.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.18 ng
 RT: 10.57 min Scan# 1477
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion:248 Resp: 146226
 Ion Ratio Lower Upper
 248 100
 250 99.8 76.8 115.2
 141 81.1 68.6 103.0





#67

Hexachlorobenzene

Concen: 39.20 ng

RT: 10.64 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

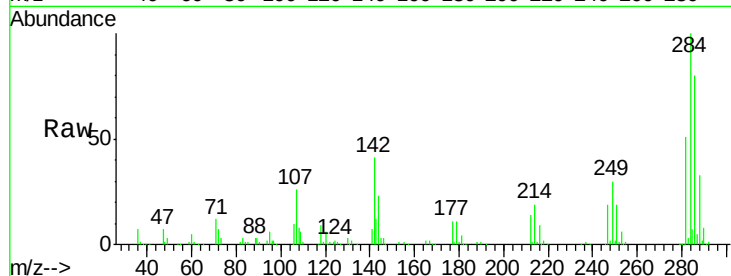
Tot Ion:284 Resp: 158912

Ion Ratio Lower Upper

284 100

142 41.2 22.8 34.2#

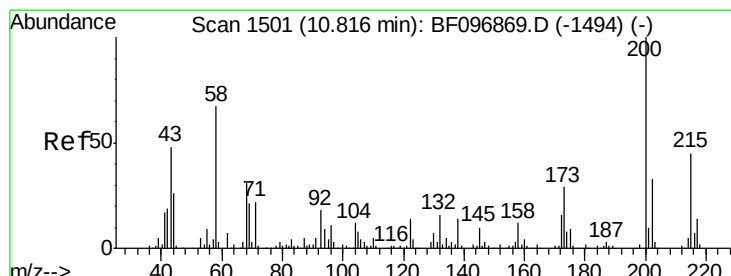
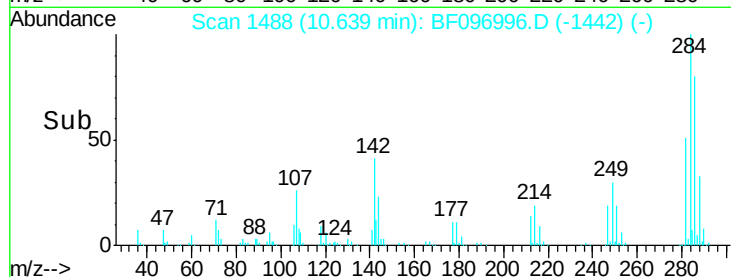
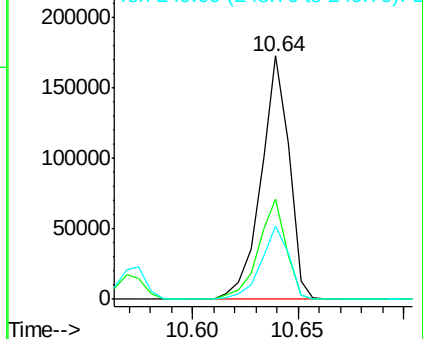
249 29.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.94 ng

RT: 10.75 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

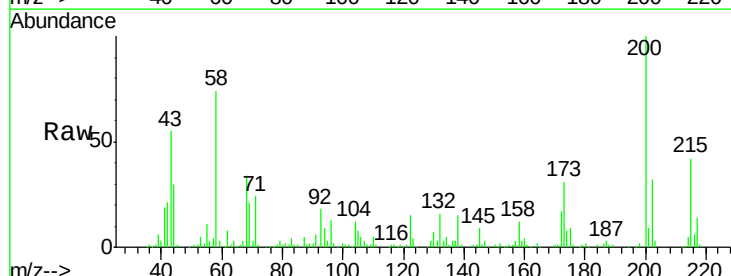
Tgt Ion:200 Resp: 155882

Ion Ratio Lower Upper

200 100

173 30.8 6.3 46.3

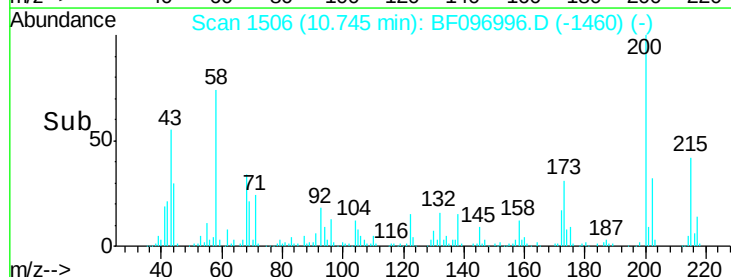
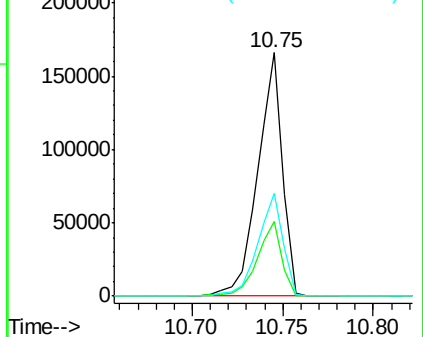
215 42.3 27.2 67.2

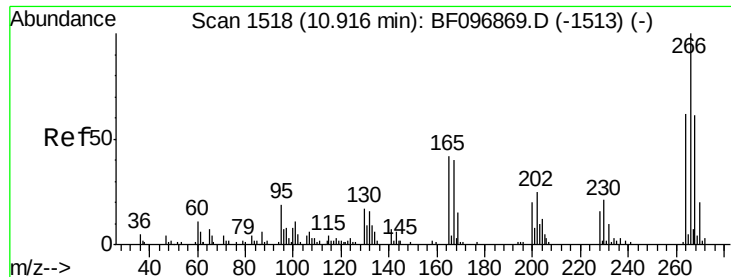


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

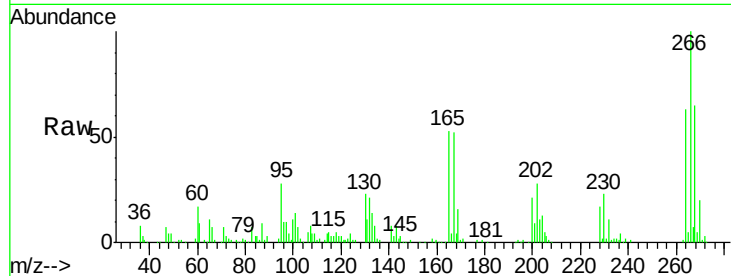




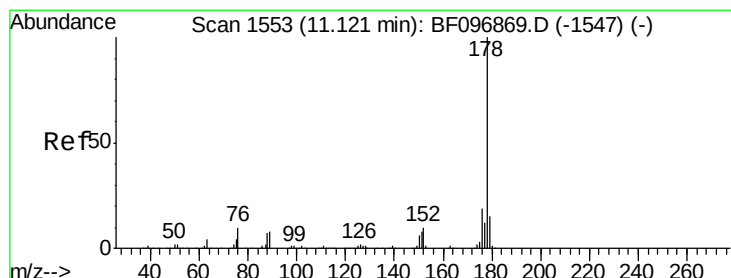
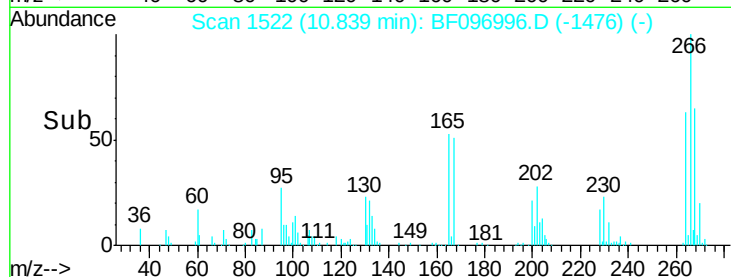
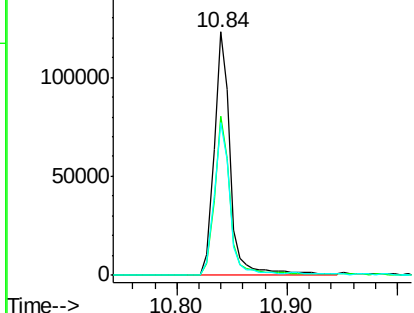
#69
 Pentachlorophenol
 Concen: 63.68 ng
 RT: 10.84 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion:266 Resp: 124704
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.1 76.7
 264 62.6 51.7 77.5

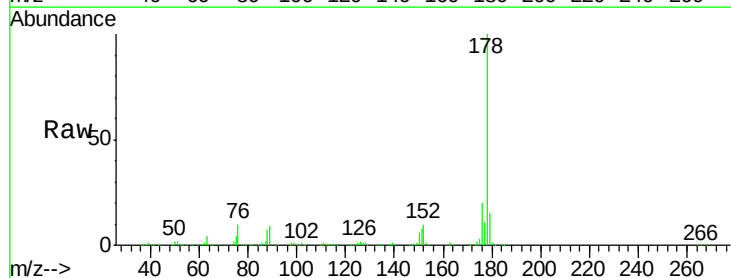


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

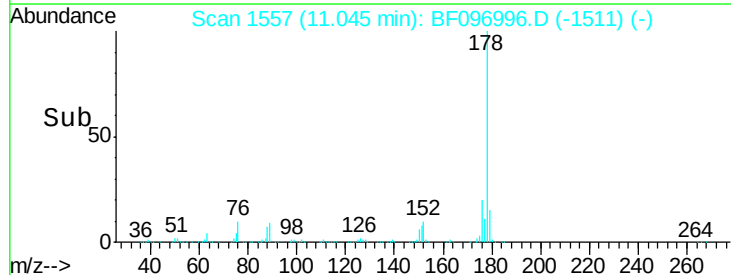
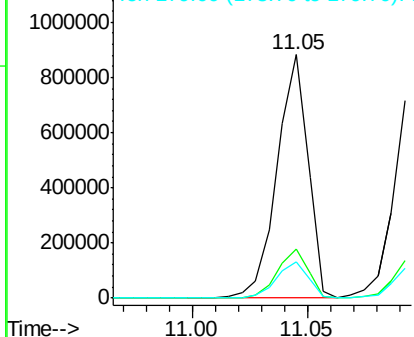


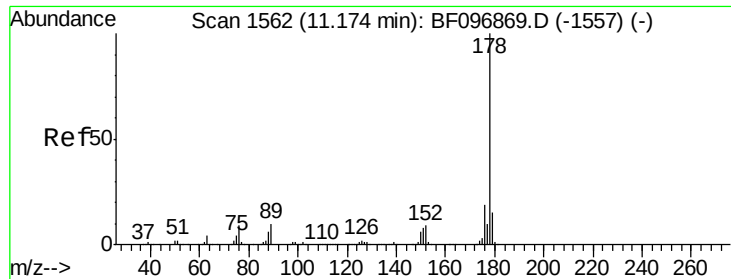
#70
 Phenanthrene
 Concen: 42.35 ng
 RT: 11.05 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion:178 Resp: 820907
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.0 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: 42.93 ng

RT: 11.10 min Scan# 1566

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

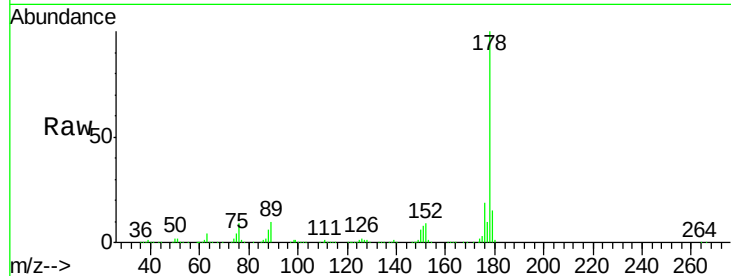
Tot Ion:178 Resp: 841371

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

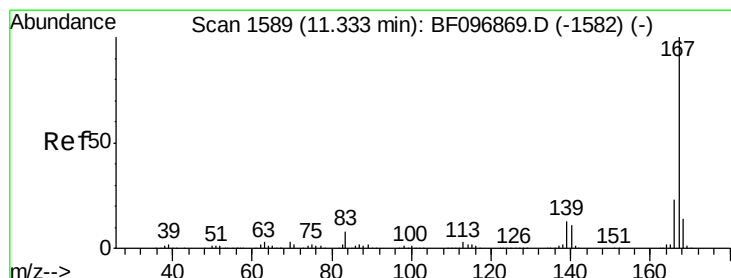
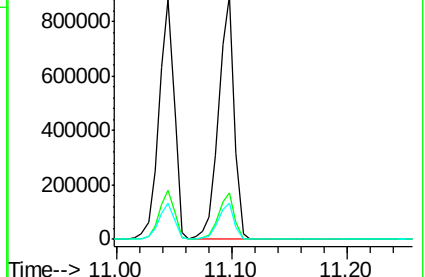
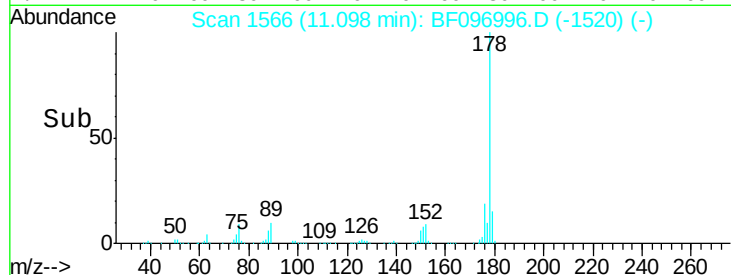
179 15.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.81 ng

RT: 11.26 min Scan# 1593

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

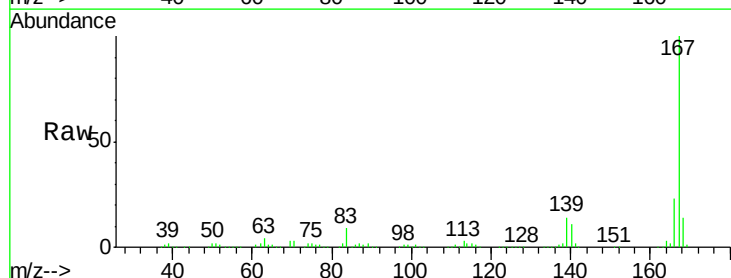
Tgt Ion:167 Resp: 793388

Ion Ratio Lower Upper

167 100

166 22.8 18.1 27.1

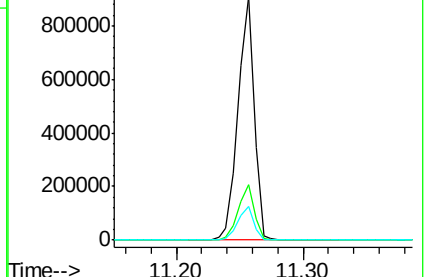
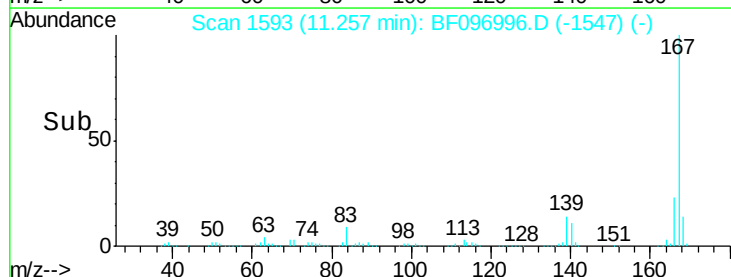
139 13.9 11.7 17.5

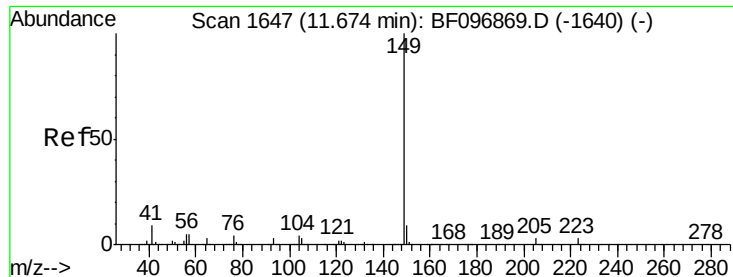


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.57 ng

RT: 11.60 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

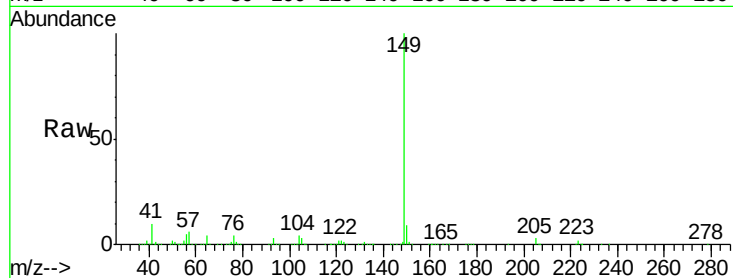
BNA_F

ClientSampleId :

PB100872BS

Tot Ion:149 Resp: 1006208

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.5	4.0	6.0

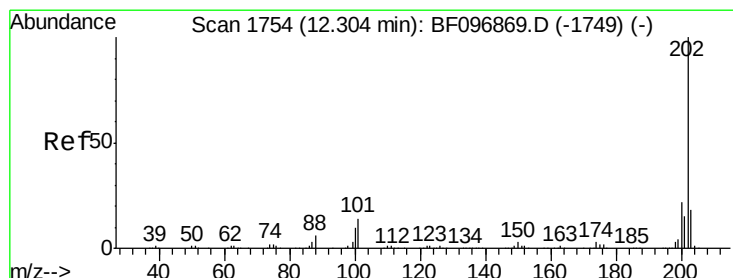
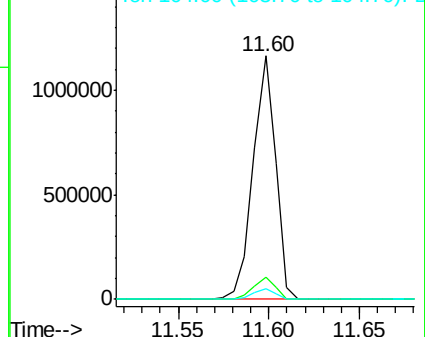
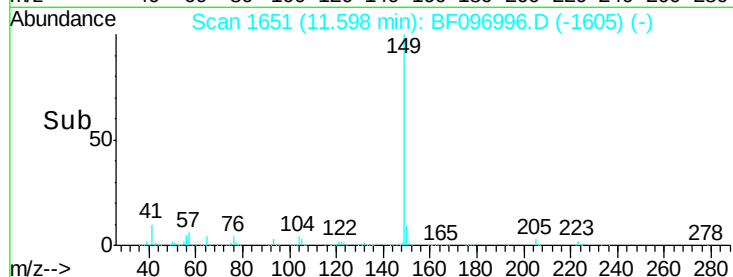


Abundance

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: 44.32 ng

RT: 12.23 min Scan# 1758

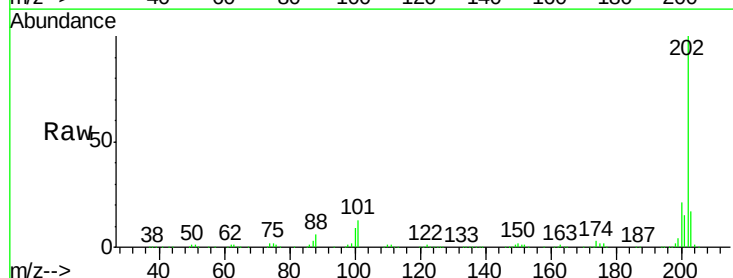
Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:202 Resp: 822165

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	16.9	0.0	38.1

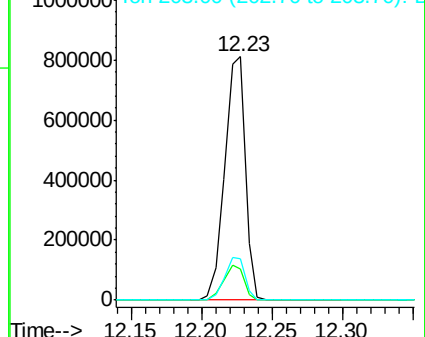
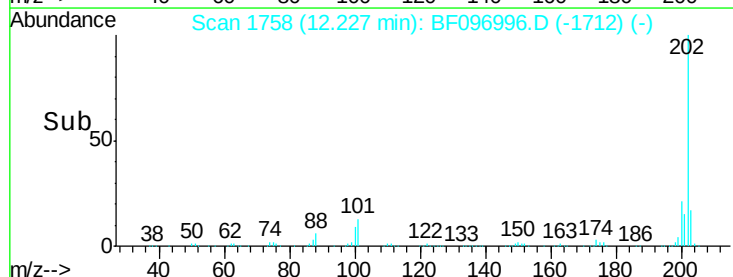


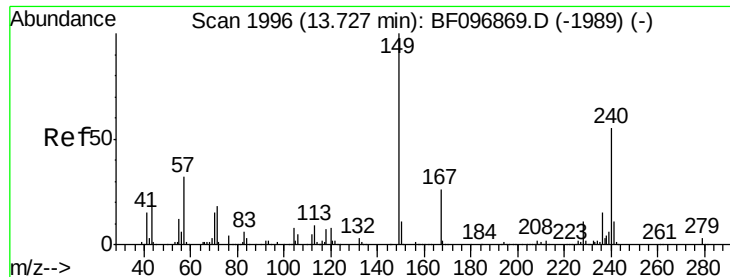
Abundance

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: 13.64 min Scan# 1999

Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

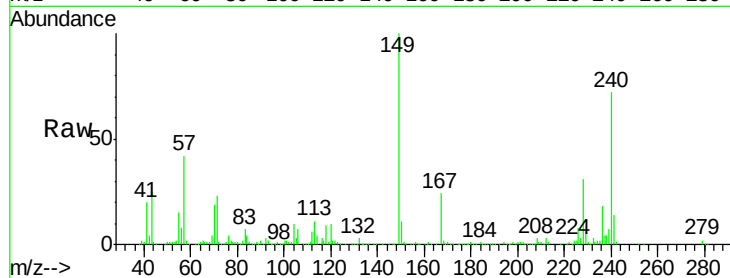
Tot Ion:240 Resp: 228229

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

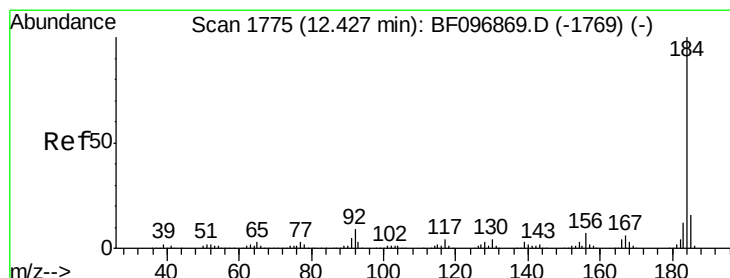
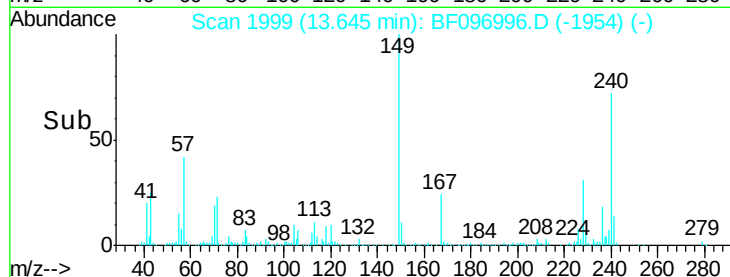
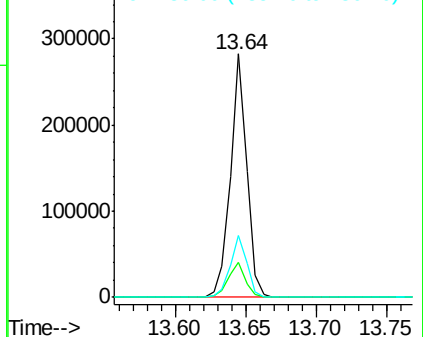
236 25.2 20.5 30.7



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: 44.09 ng

RT: 12.35 min Scan# 1779

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

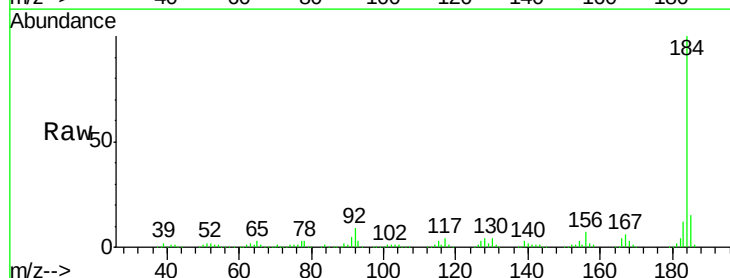
Tgt Ion:184 Resp: 329671

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

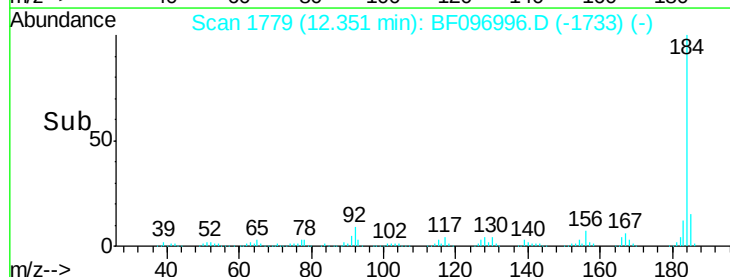
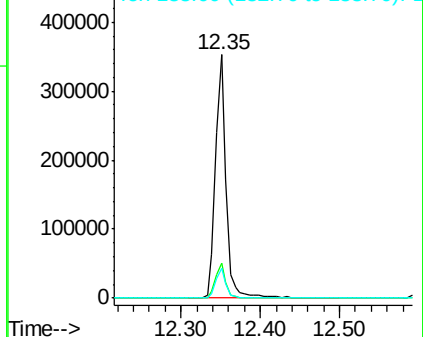
183 12.4 9.8 14.6

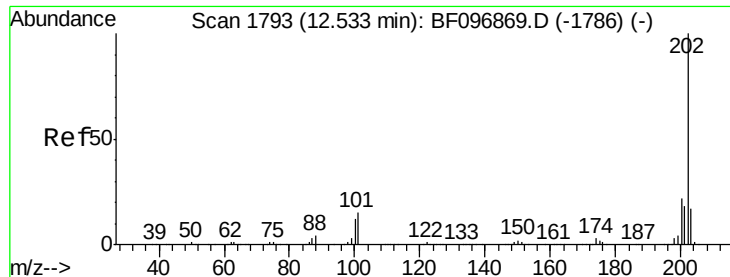


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

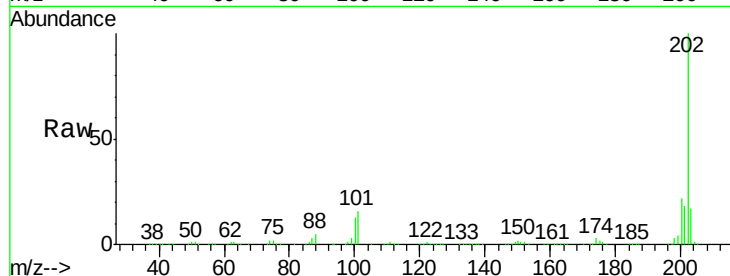




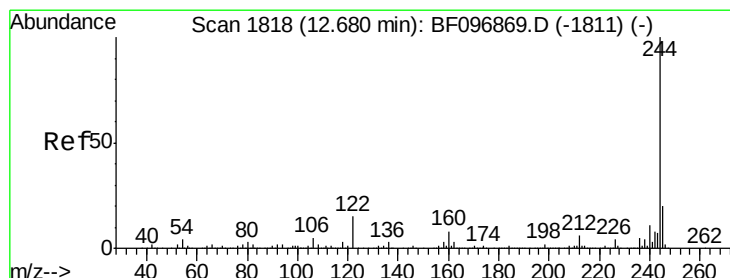
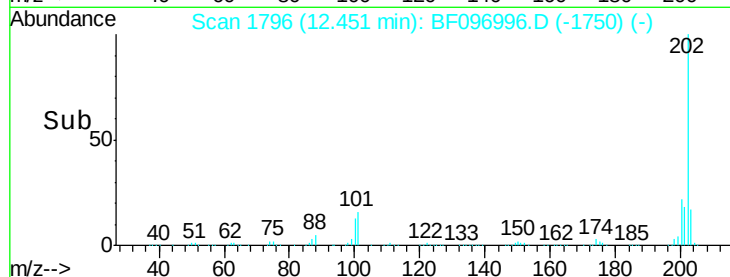
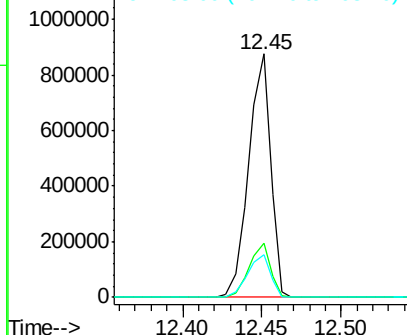
#77
Pvrene
Concen: 40.72 ng
RT: 12.45 min Scan# 1796
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion:202 Resp: 843528
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 17.4 14.4 21.6

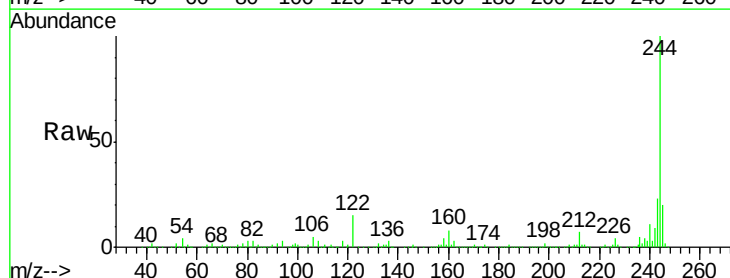


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

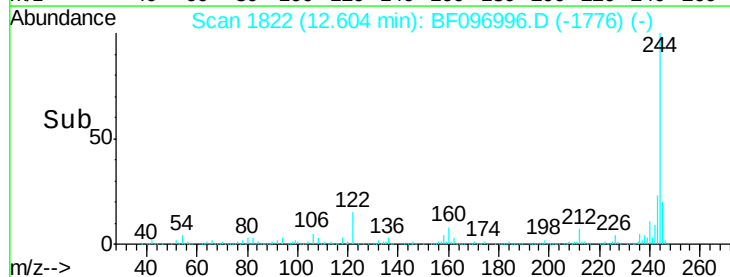
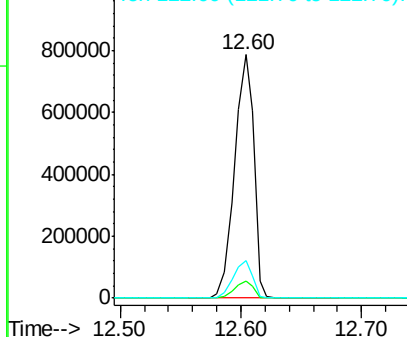


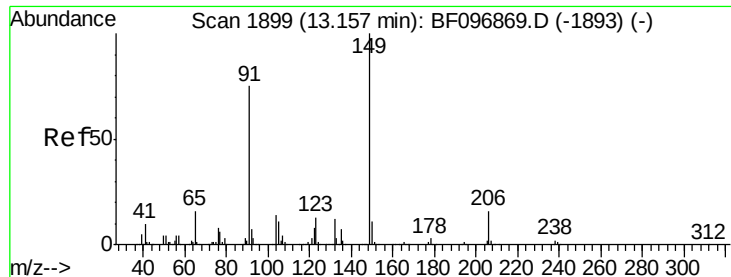
#78
Terphenyl-d14
Concen: 66.58 ng
RT: 12.60 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion:244 Resp: 876153
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 15.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.71 ng

RT: 13.08 min Scan# 1903

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

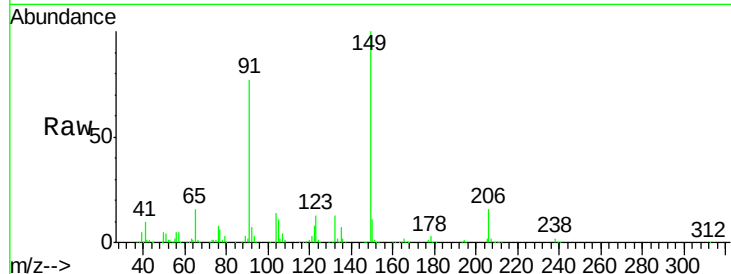
Tot Ion:149 Resp: 420315

Ion Ratio Lower Upper

149 100

91 76.9 45.0 67.4#

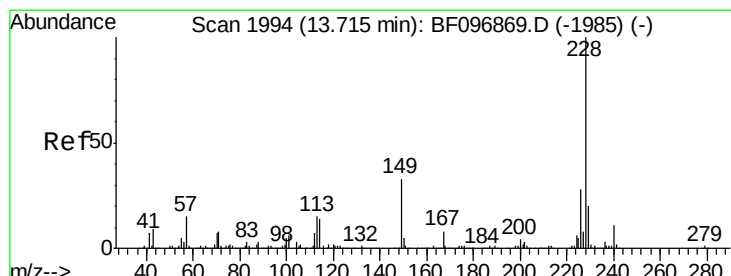
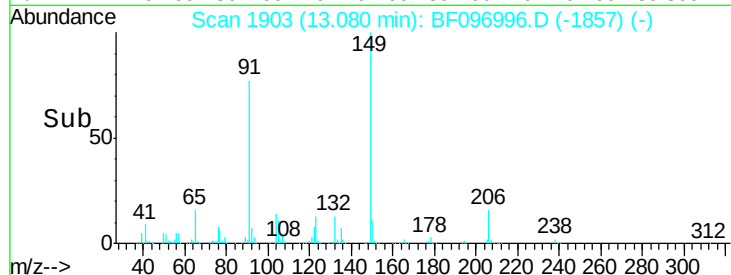
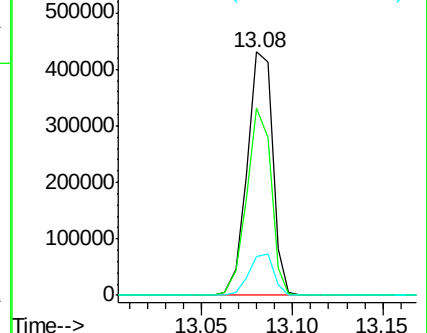
206 15.8 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.88 ng

RT: 13.63 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

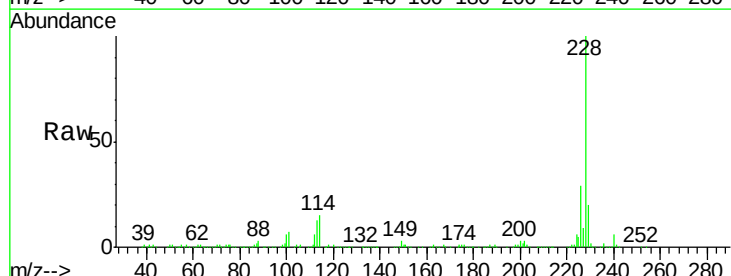
Tgt Ion:228 Resp: 638260

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

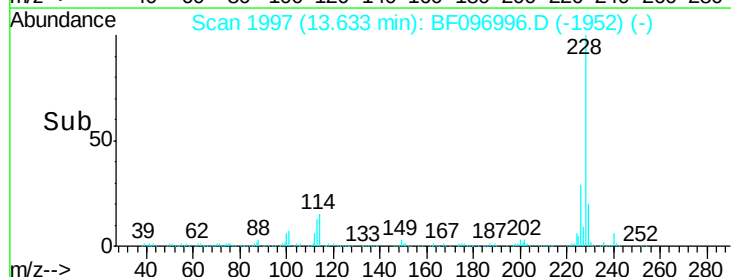
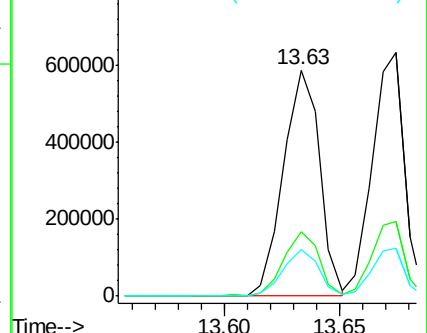
229 20.3 16.3 24.5

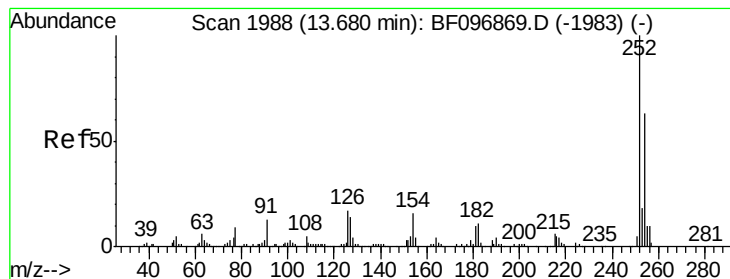


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 29.04 ng

RT: 13.60 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

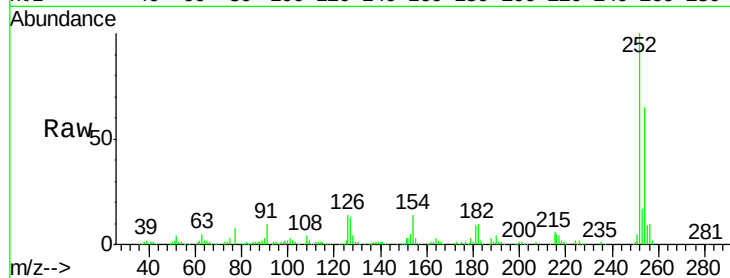
Tot Ion:252 Resp: 148486

Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

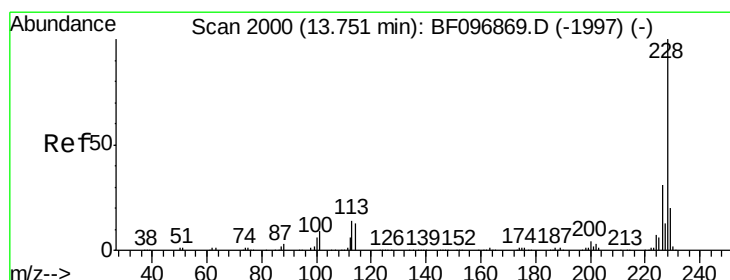
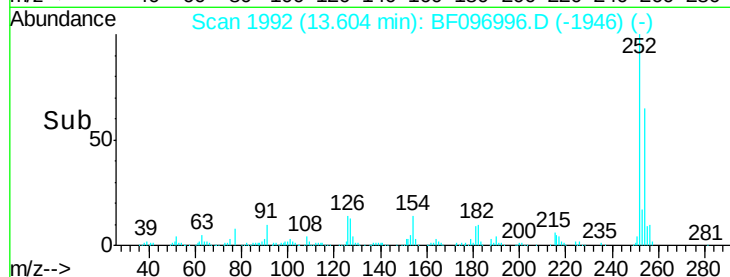
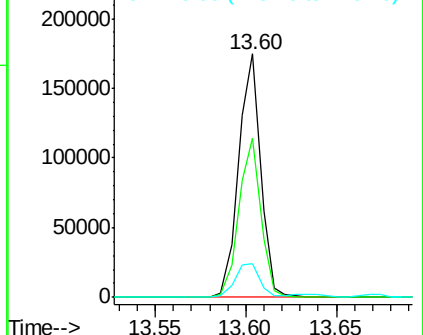
126 13.8 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 43.52 ng

RT: 13.67 min Scan# 2004

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

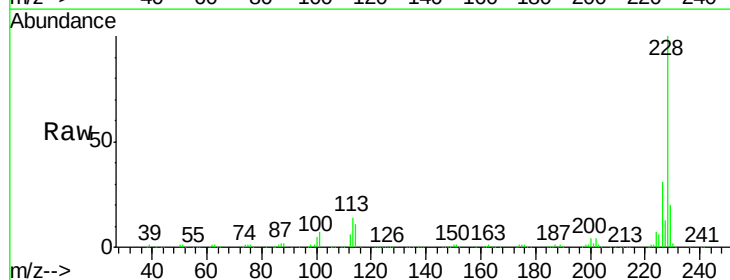
Tgt Ion:228 Resp: 609222

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

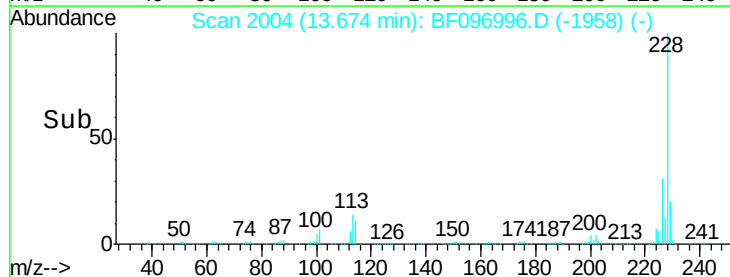
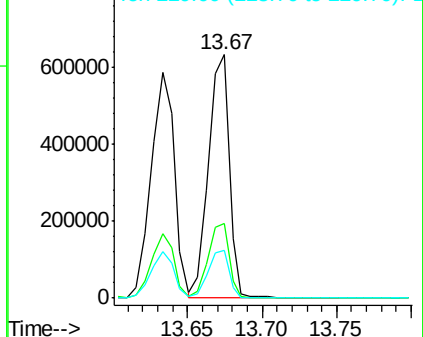
229 19.5 15.8 23.6

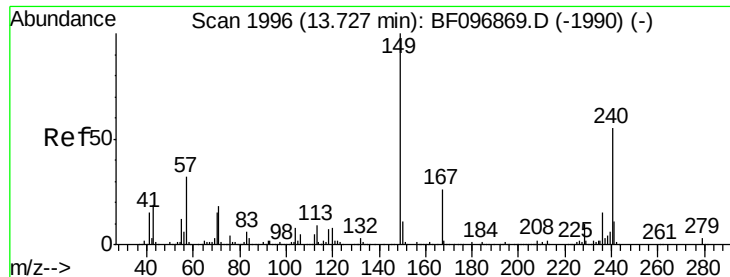


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.93 ng

RT: 13.65 min Scan# 2000

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

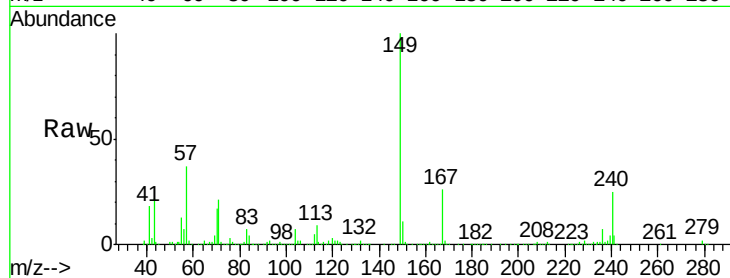
Tot Ion:149 Resp: 514459

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

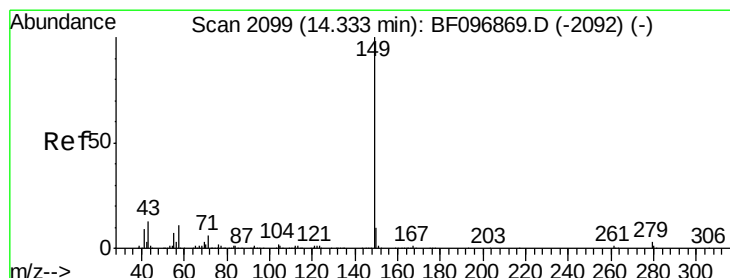
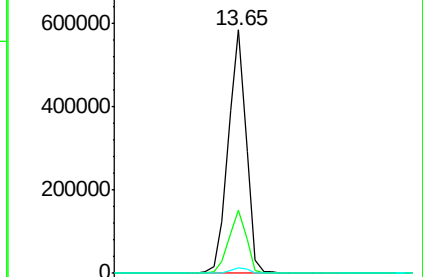
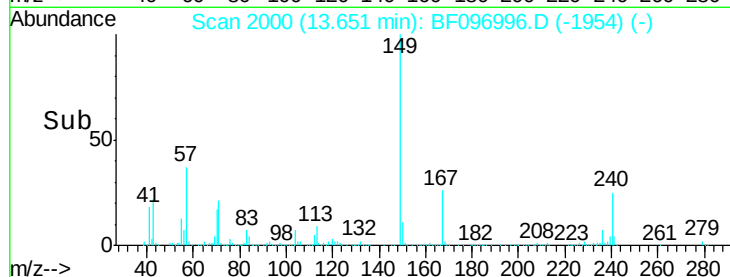
279 2.5 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.18 ng

RT: 14.26 min Scan# 2103

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

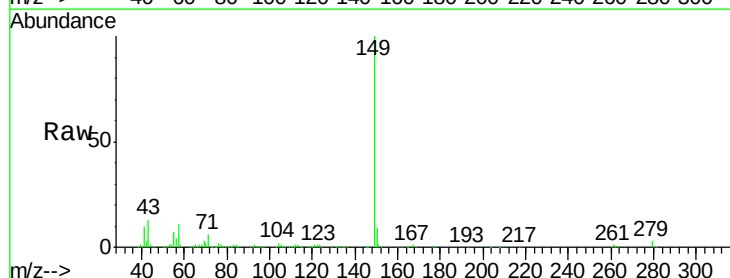
Tgt Ion:149 Resp: 835672

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

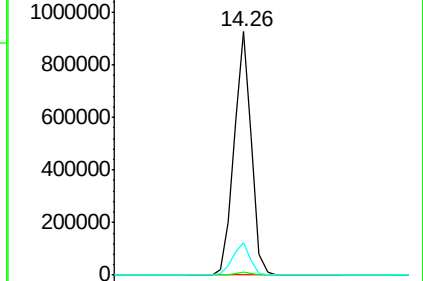
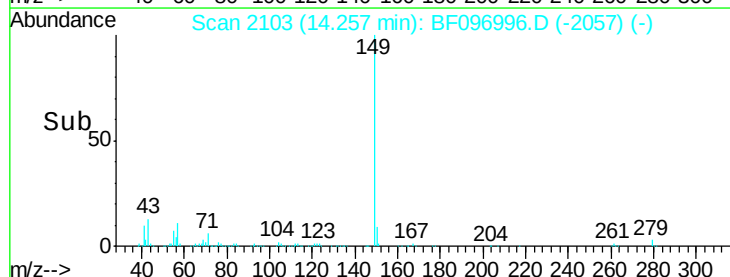
43 13.3 8.5 12.7#

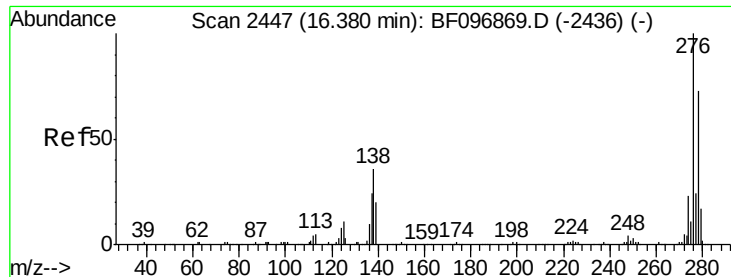


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

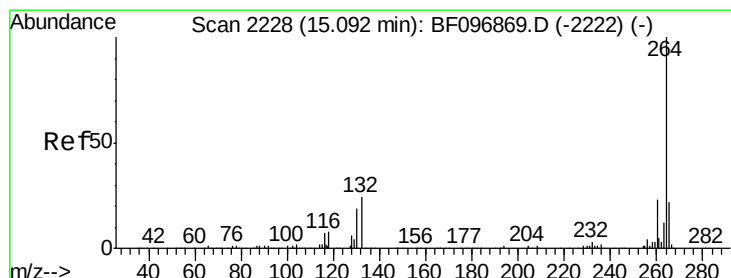
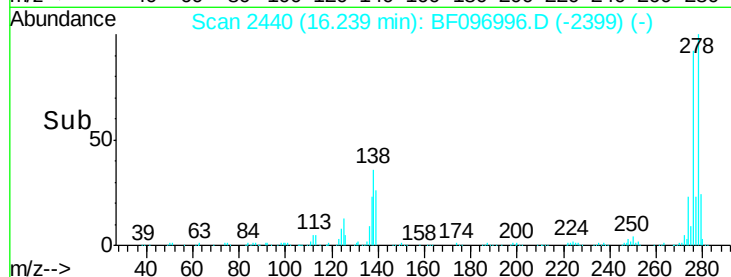
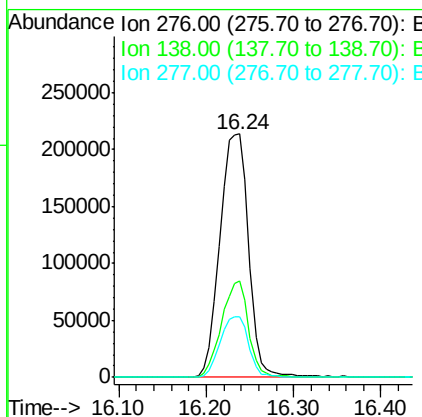
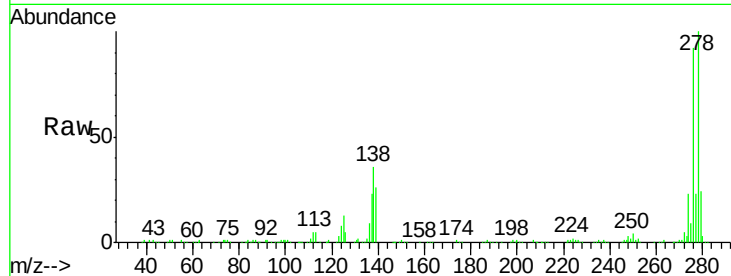




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.44 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.06 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

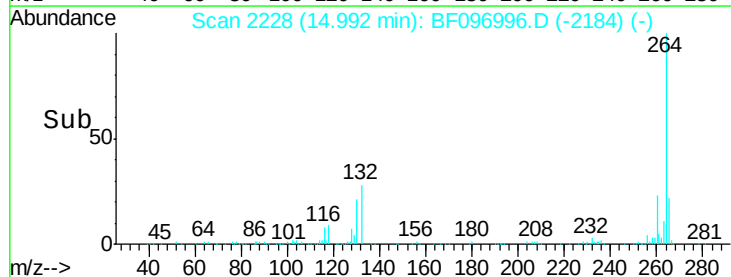
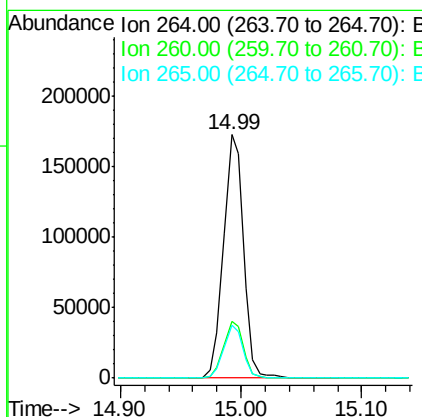
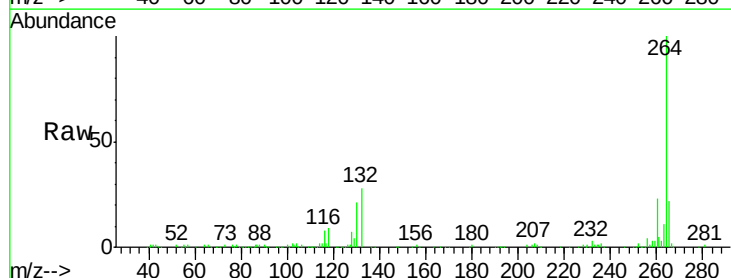
Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

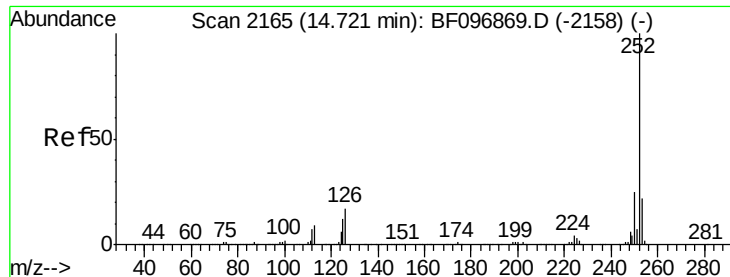
Tot Ion:276 Resp: 483582
 Ion Ratio Lower Upper
 276 100
 138 37.4 27.8 41.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2228
 Delta R.T. -0.04 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion:264 Resp: 198195
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.75 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

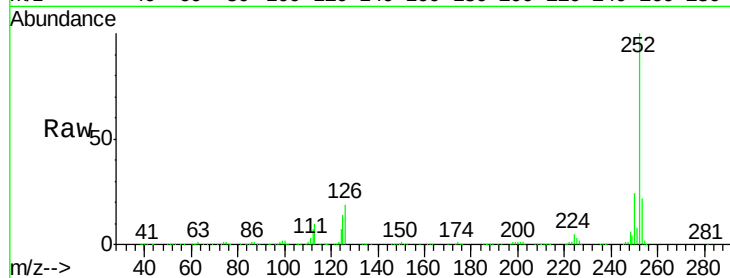
Tot Ion:252 Resp: 499078

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

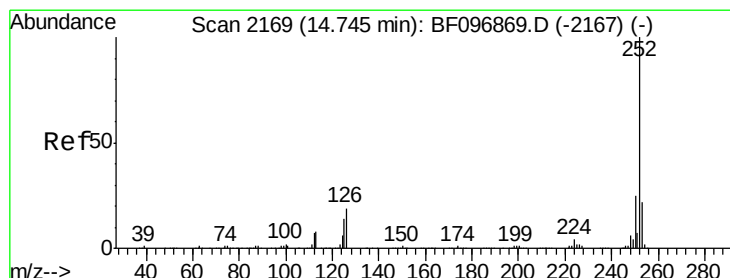
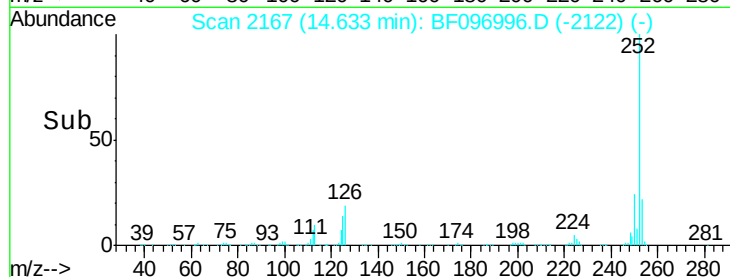
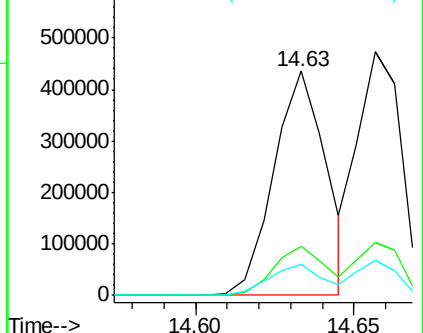
125 13.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.99 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

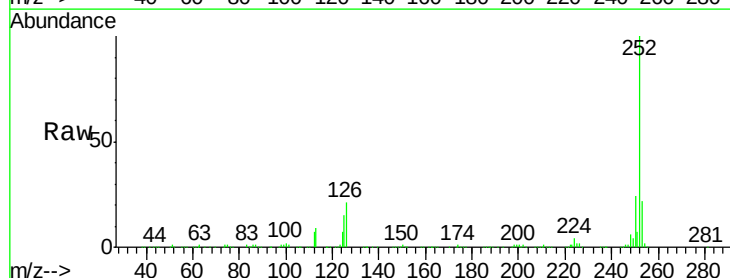
Tgt Ion:252 Resp: 464021

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

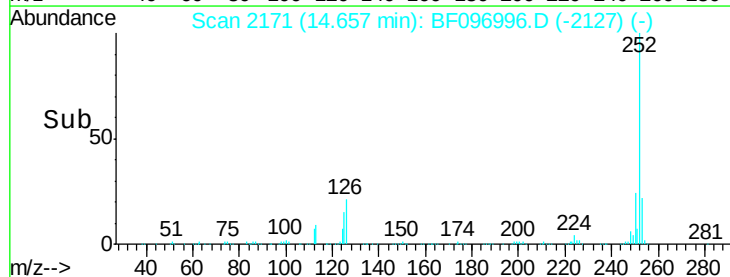
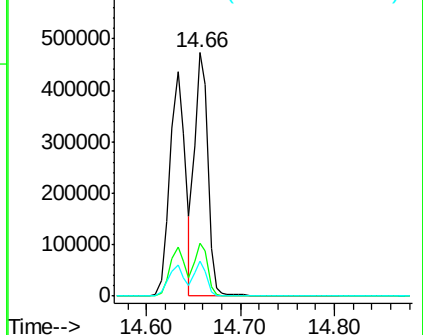
125 14.5 13.1 19.7

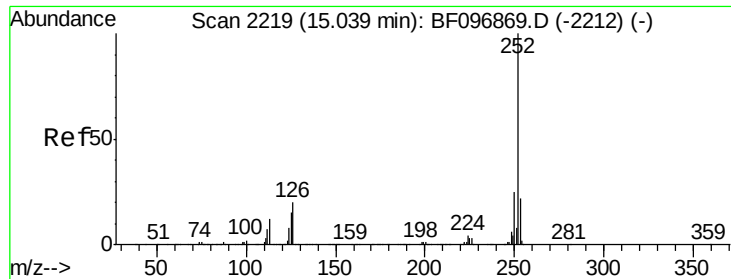


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.25 ng

RT: 14.94 min Scan# 2220

Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

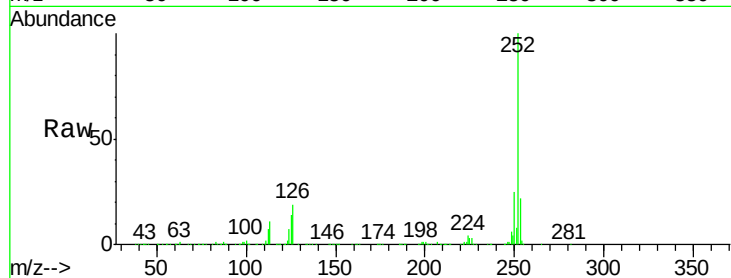
Tot Ion:252 Resp: 474182

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

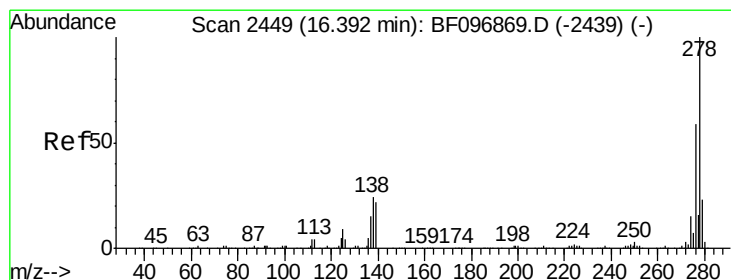
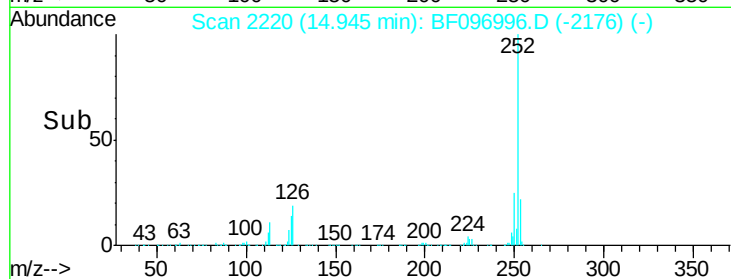
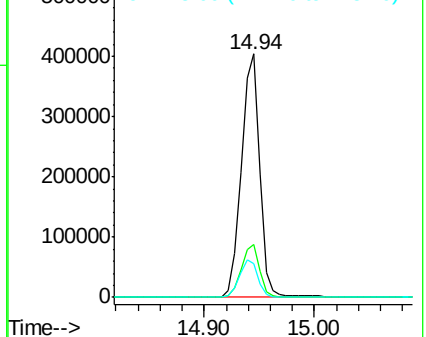
125 14.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.81 ng

RT: 16.24 min Scan# 2441

Delta R.T. -0.06 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

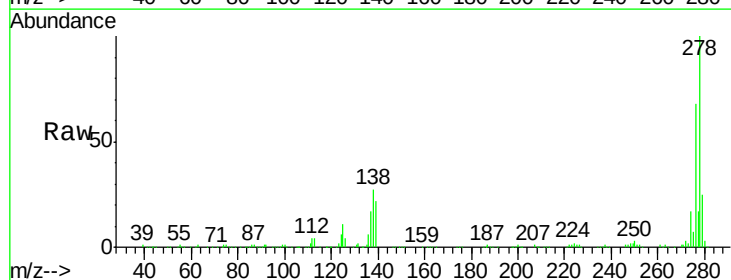
Tgt Ion:278 Resp: 391553

Ion Ratio Lower Upper

278 100

139 21.8 16.6 24.8

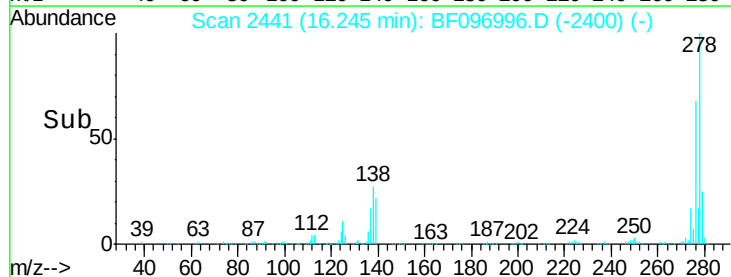
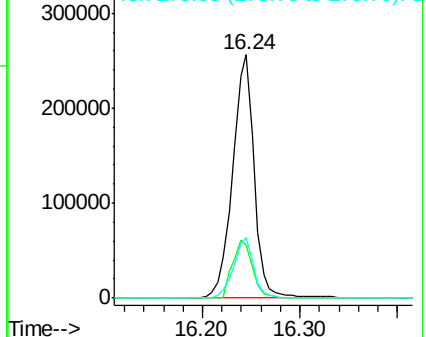
279 24.7 19.3 28.9

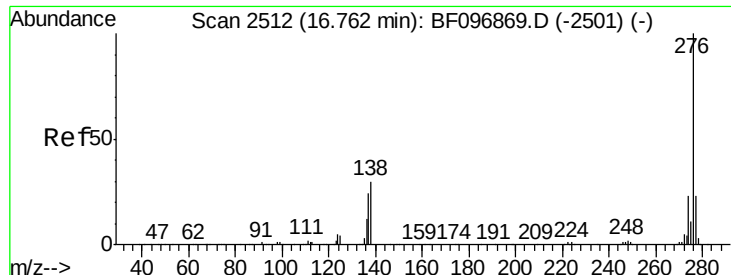


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

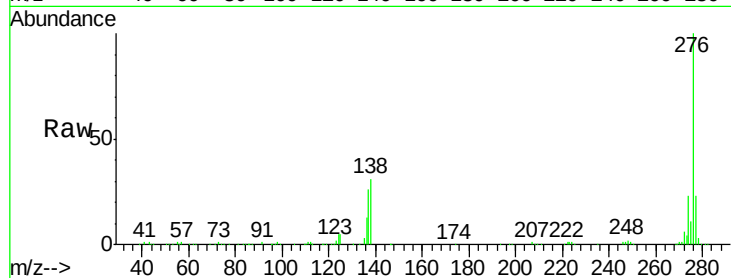




#91
 Benzo(a,h,i)perylene
 Concen: 40.23 ng
 RT: 16.60 min Scan# 2502
 Delta R.T. -0.06 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	31.3	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

