

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096993.D
 Acq On : 24 Jul 2017 19:02
 Operator : SJ/JU
 Sample : PB100918BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100918BS

Quant Time: Jul 25 01:42:11 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	135099	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	529862	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	253357	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	392462	20.00	ng	-0.03
75) Chrysene-d12	13.64	240	238416	20.00	ng	-0.04
86) Perylene-d12	14.99	264	196622	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	994435	110.68	ng	-0.01
7) Phenol-d6	6.19	99	1179643	109.40	ng	-0.02
23) Nitrobenzene-d5	7.09	82	700639	81.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.34	330	216685	100.20	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1181497	73.68	ng	-0.03
78) Terphenyl-d14	12.60	244	888721	64.65	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.15	88	146197	31.62	ng	# 75
3) Pyridine	2.77	79	410315	42.23	ng	# 67
4) n-Nitrosodimethylamine	2.72	42	235874	43.41	ng	# 81
6) Aniline	6.18	93	225276	16.96	ng	# 74
8) 2-Chlorophenol	6.31	128	372484	38.43	ng	93
9) Benzaldehyde	6.06	77	128988	20.70	ng	99
10) Phenol	6.20	94	448777	36.82	ng	95
11) bis(2-Chloroethyl)ether	6.26	93	382948	41.78	ng	93
12) 1,3-Dichlorobenzene	6.46	146	398102	38.64	ng	98
13) 1,4-Dichlorobenzene	6.53	146	396783	38.03	ng	97
14) 1,2-Dichlorobenzene	6.69	146	348768	36.75	ng	97
15) Benzyl Alcohol	6.67	79	275201	38.98	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	762173	40.29	ng	55
17) 2-Methylphenol	6.80	107	301052	39.94	ng	# 88
18) Hexachloroethane	7.03	117	140372	37.94	ng	# 84
19) n-Nitroso-di-n-propylamine	6.95	70	263965	40.64	ng	# 84
20) 3+4-Methylphenols	6.96	107	408582	44.67	ng	# 63
22) Acetophenone	6.93	105	514686	43.46	ng	96
24) Nitrobenzene	7.10	77	360818	40.78	ng	94
25) Isophorone	7.35	82	656131	41.23	ng	96
26) 2-Nitrophenol	7.42	139	190814	38.79	ng	91
27) 2,4-Dimethylphenol	7.48	122	307737	38.02	ng	98
28) bis(2-Chloroethoxy)methane	7.56	93	427948	39.80	ng	98
29) 2,4-Dichlorophenol	7.67	162	285019	38.91	ng	98
30) 1,2,4-Trichlorobenzene	7.75	180	269344	38.67	ng	98
31) Naphthalene	7.82	128	990449	39.46	ng	100
32) Benzoic acid	7.64	122	167657	32.41	ng	90
34) Hexachlorobutadiene	7.95	225	138646	37.29	ng	97
35) Caprolactam	8.26	113	57072	24.31	ng	# 56
36) 4-Chloro-3-methylphenol	8.39	107	303917	38.58	ng	87
37) 2-Methylnaphthalene	8.51	142	667874	41.74	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	223877	32.69	ng	98
40) Hexachlorocyclopentadiene	8.67	237	217845	84.29	ng	98
42) 2,4,6-Trichlorophenol	8.80	196	166475	32.95	ng	95

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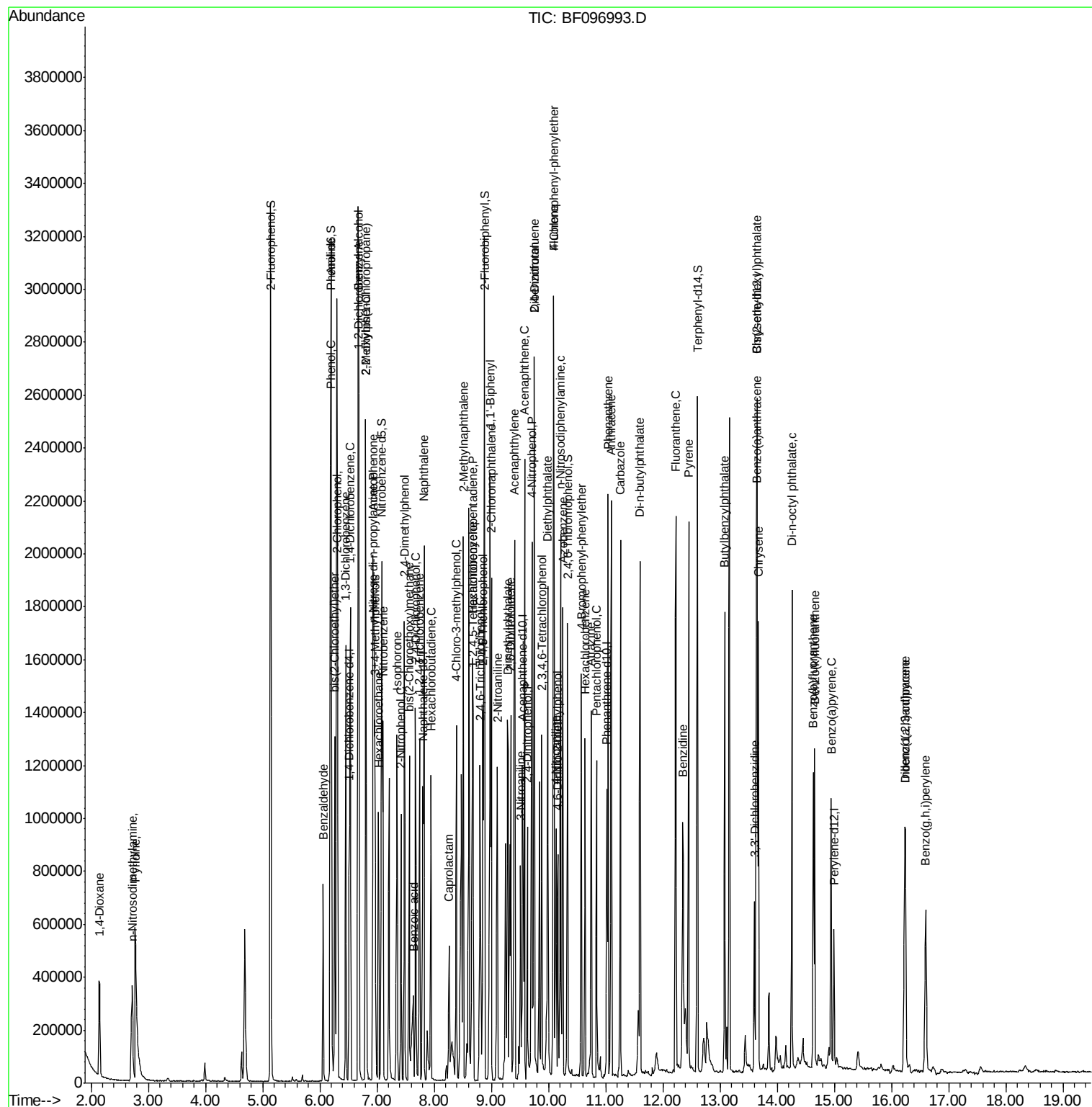
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.85	196	187751	36.85	nq	95
45) 1,1'-Biphenyl	8.97	154	753860	34.69	nq	97
46) 2-Chloronaphthalene	9.00	162	586570	36.66	nq	93
47) 2-Nitroaniline	9.10	65	223527	40.64	nq	93
48) Acenaphthylene	9.41	152	914202	35.86	nq	99
49) Dimethylphthalate	9.29	163	709465	37.19	nq	99
50) 2,6-Dinitrotoluene	9.35	165	156346	37.84	nq	# 78
51) Acenaphthene	9.58	154	541245	35.94	nq	98
52) 3-Nitroaniline	9.51	138	116375	23.77	nq	98
53) 2,4-Dinitrophenol	9.63	184	115116	58.26	nq	# 77
54) Dibenzofuran	9.75	168	786174	37.25	nq	98
55) 4-Nitrophenol	9.71	139	241634	67.57	nq	# 60
56) 2,4-Dinitrotoluene	9.75	165	184183	34.69	nq	# 54
57) Fluorene	10.09	166	571319	36.63	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	140939	39.89	nq	99
59) Diethylphthalate	9.99	149	756710	40.75	nq	100
60) 4-Chlorophenyl-phenylether	10.09	204	233283	33.78	nq	100
61) 4-Nitroaniline	10.13	138	181231	39.43	nq	92
62) Azobenzene	10.25	77	677738	41.37	nq	92
64) 4,6-Dinitro-2-methylphenol	10.16	198	96470	39.15	nq	85
65) n-Nitrosodiphenylamine	10.21	169	555093	39.57	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	157024	39.19	nq	99
67) Hexachlorobenzene	10.64	284	168184	37.69	nq	# 84
68) Atrazine	10.75	200	160210	40.08	nq	96
69) Pentachlorophenol	10.85	266	135488	62.84	nq	98
70) Phenanthrene	11.05	178	834193	39.09	nq	100
71) Anthracene	11.10	178	854512	39.61	nq	99
72) Carbazole	11.26	167	819410	39.22	nq	99
73) Di-n-butylphthalate	11.60	149	1021393	39.25	nq	99
74) Fluoranthene	12.23	202	847480	41.49	nq	98
76) Benzidine	12.35	184	203133	26.01	nq	96
77) Pyrene	12.45	202	842782	38.95	nq	99
79) Butylbenzylphthalate	13.09	149	421684	41.02	nq	# 83
80) Benzo(a)anthracene	13.63	228	626680	42.19	nq	98
81) 3,3'-Dichlorobenzidine	13.60	252	129268	24.20	nq	# 96
82) Chrysene	13.67	228	588011	40.21	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	503184	40.19	nq	99
84) Di-n-octyl phthalate	14.26	149	813210	39.29	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.23	276	461895	34.65	nq	99
87) Benzo(b)fluoranthene	14.63	252	477467	40.26	nq	96
88) Benzo(k)fluoranthene	14.66	252	439571	39.14	nq	97
89) Benzo(a)pyrene	14.94	252	433764	39.88	nq	98
90) Dibenzo(a,h)anthracene	16.24	278	368715	36.84	nq	97
91) Benzo(g,h,i)perylene	16.60	276	429052	40.03	nq	99

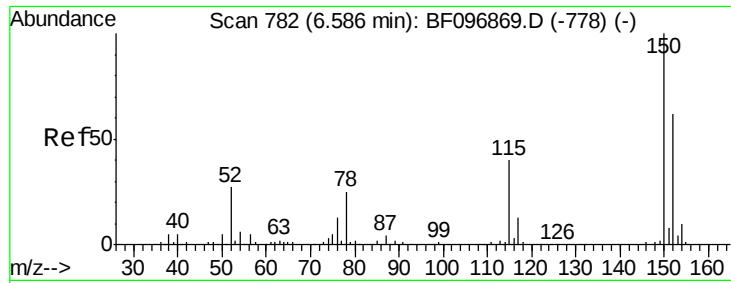
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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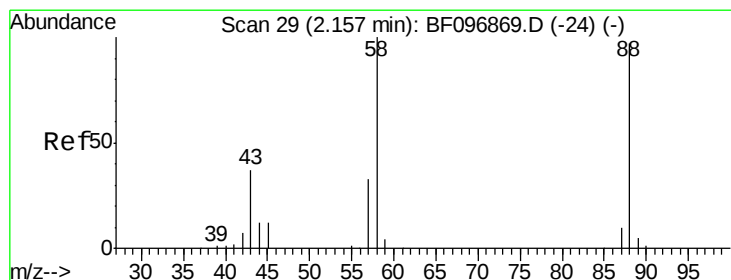
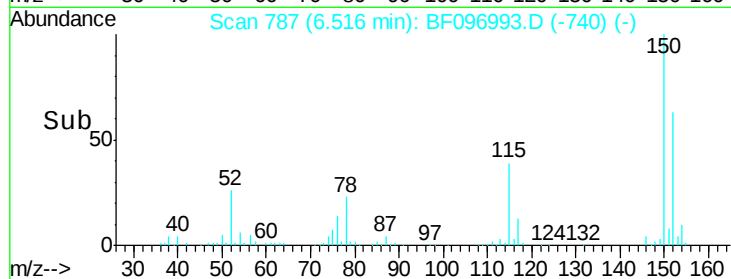
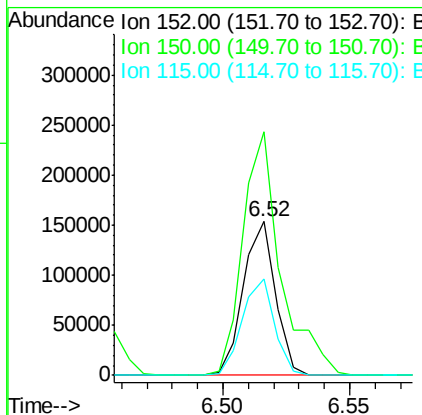
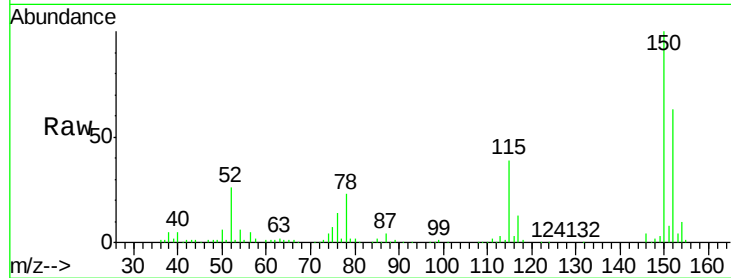




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

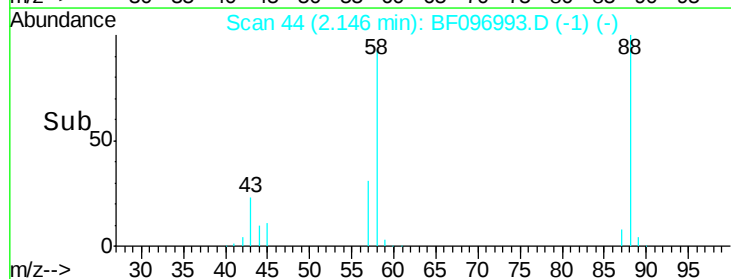
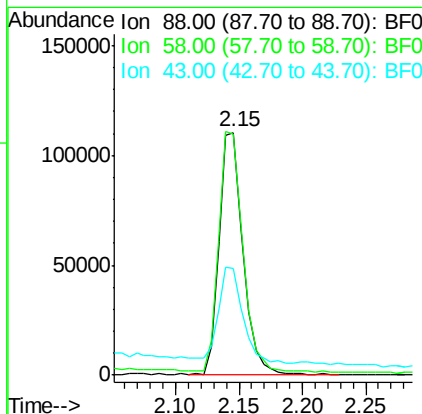
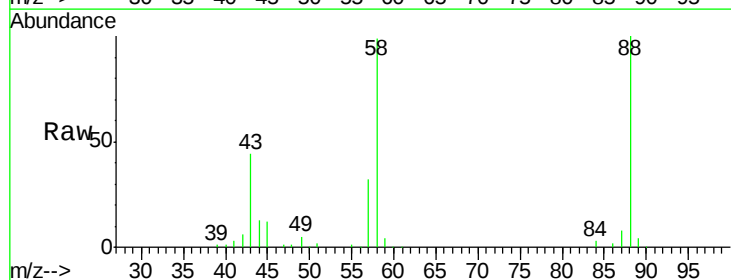
Instrument :
 BNA_F
 ClientSampleId :
 PB100918BS

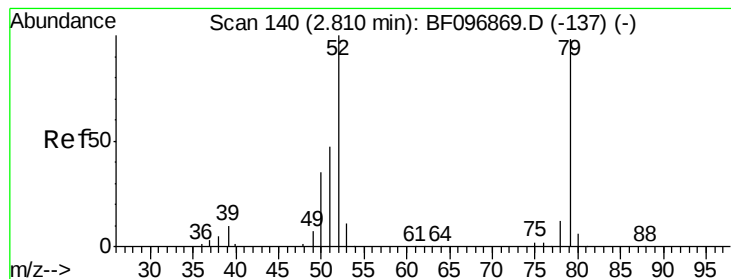
Tot Ion:152 Resp: 135099
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.2 189.2
 115 62.4 52.2 78.2



#2
 1,4-Dioxane
 Concen: 31.62 ng
 RT: 2.15 min Scan# 44
 Delta R.T. 0.05 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Tgt Ion: 88 Resp: 146197
 Ion Ratio Lower Upper
 88 100
 58 100.1 61.4 92.0#
 43 39.6 23.4 35.0#





#3

Pvridine

Concen: 42.23 ng

RT: 2.77 min Scan# 150

Delta R.T. 0.05 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

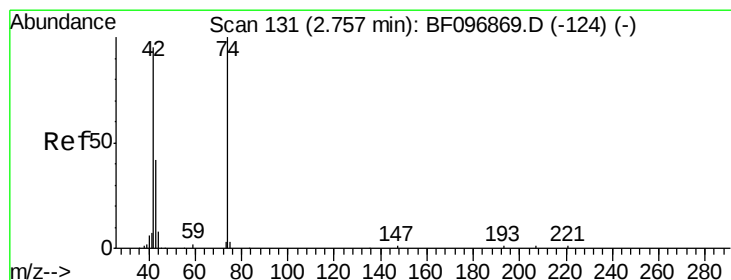
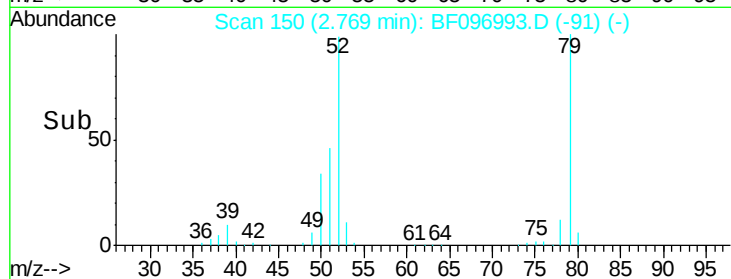
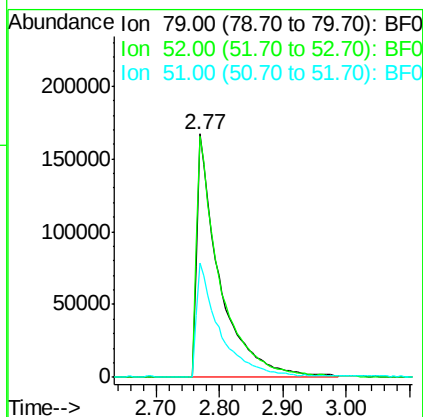
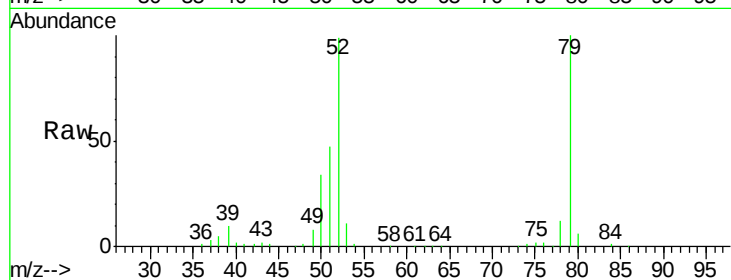
Tot Ion: 79 Resp: 410315

Ion Ratio Lower Upper

79 100

52 99.0 54.8 82.2#

51 46.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 43.41 ng

RT: 2.72 min Scan# 141

Delta R.T. 0.04 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

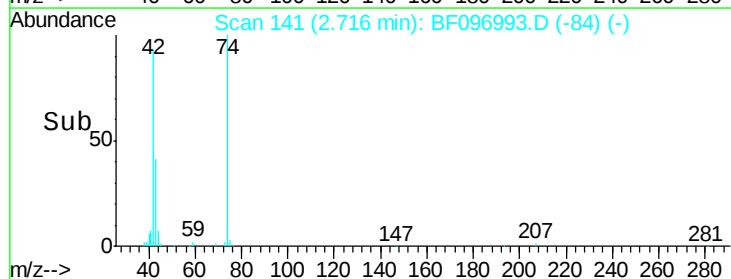
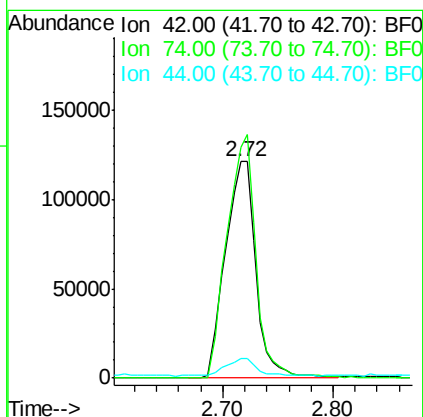
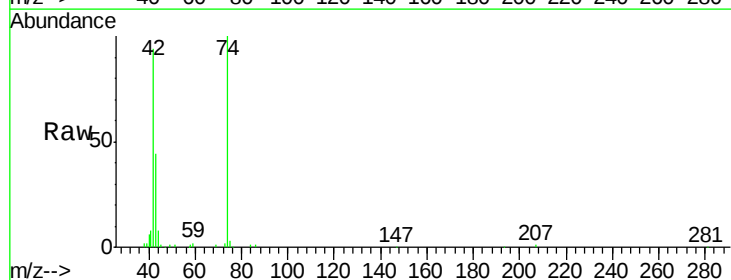
Tgt Ion: 42 Resp: 235874

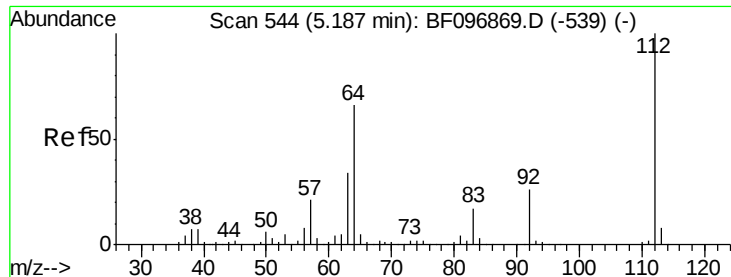
Ion Ratio Lower Upper

42 100

74 106.5 103.9 155.9

44 8.8 5.7 8.5#





#5

2-Fluorophenol

Concen: 110.68 ng

RT: 5.14 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

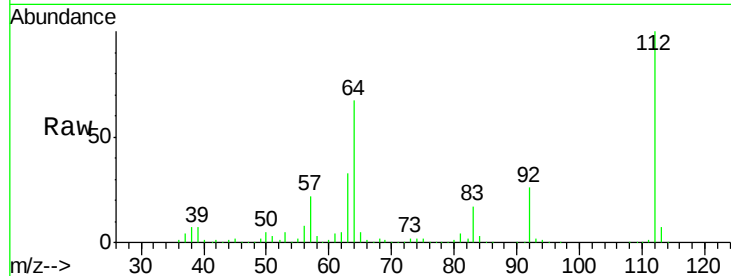
Instrument :

BNA_F

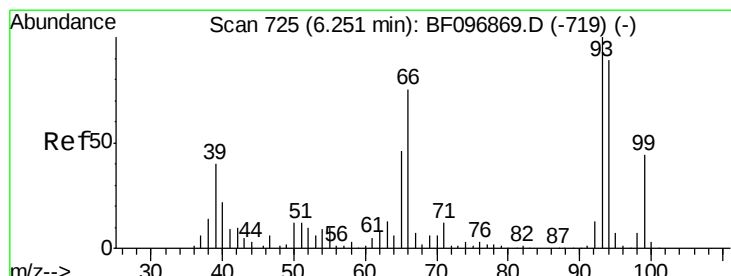
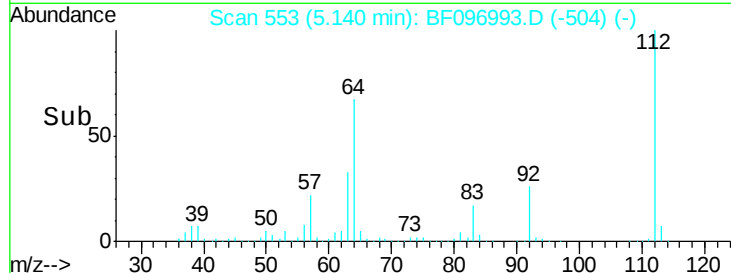
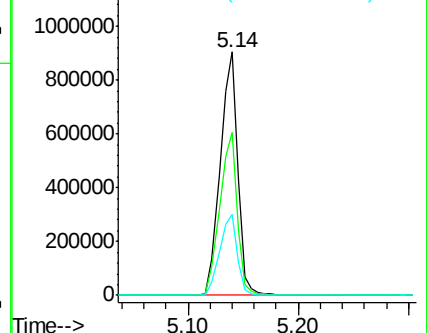
ClientSampleId :

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Tot Ion:	112	Resp:	994435
Ion	Ratio	Lower	Upper
112	100		
64	66.7	46.0	69.0
63	33.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 16.96 ng

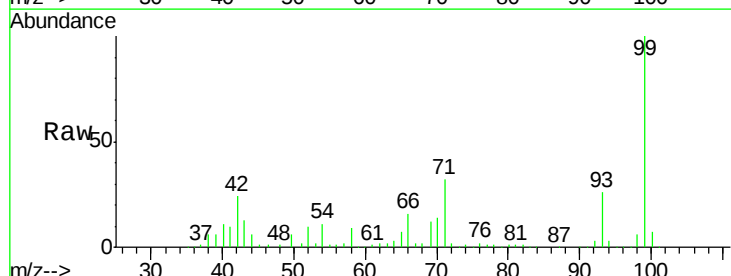
RT: 6.18 min Scan# 730

Delta R.T. -0.02 min

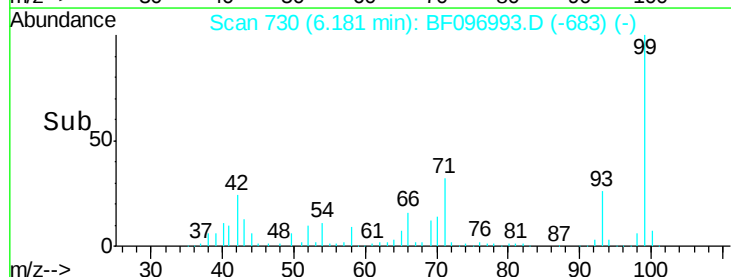
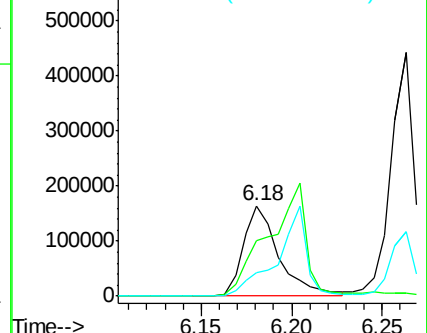
Lab File: BF096993.D

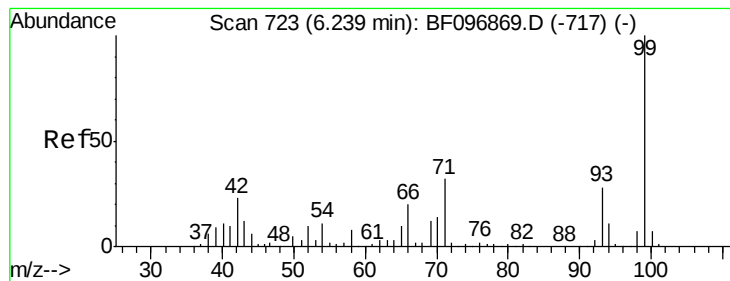
Acq: 24 Jul 2017 19:02

Tgt Ion:	93	Resp:	225276
Ion	Ratio	Lower	Upper
93	100		
66	61.2	32.9	49.3#
65	25.6	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 109.40 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

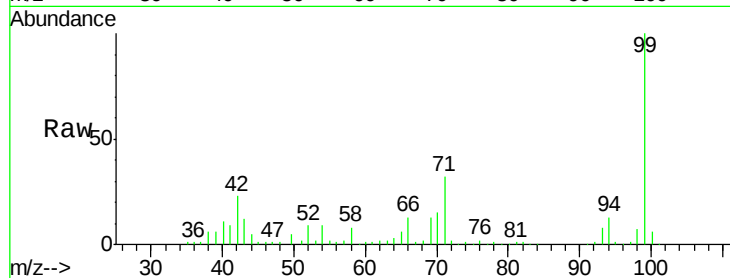
BNA_F

ClientSampleId :

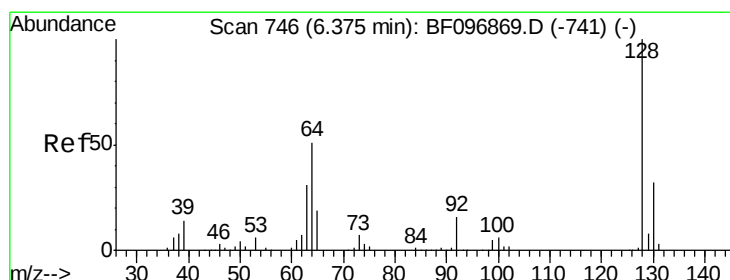
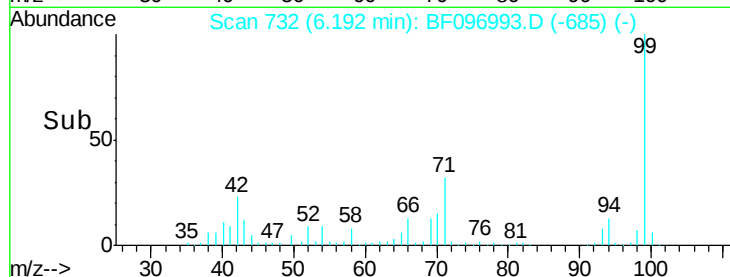
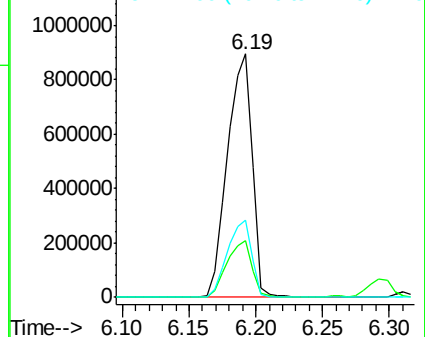
PB100918BS

Tot Ion: 99 Resp: 1179643

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.5	20.3#
71	31.9	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: 38.43 ng

RT: 6.31 min Scan# 752

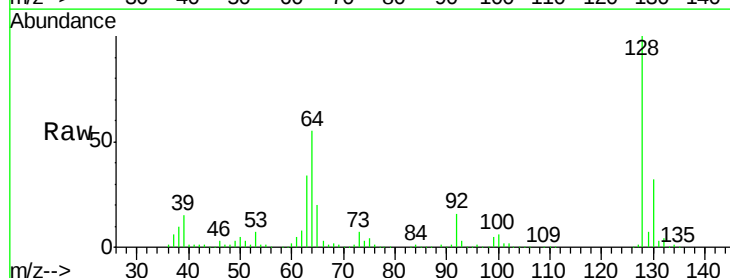
Delta R.T. -0.02 min

Lab File: BF096993.D

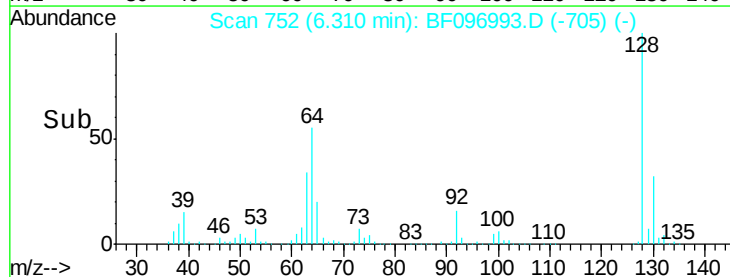
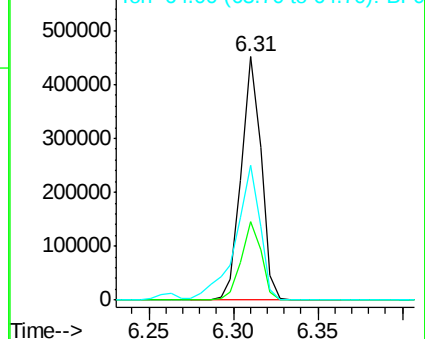
Acq: 24 Jul 2017 19:02

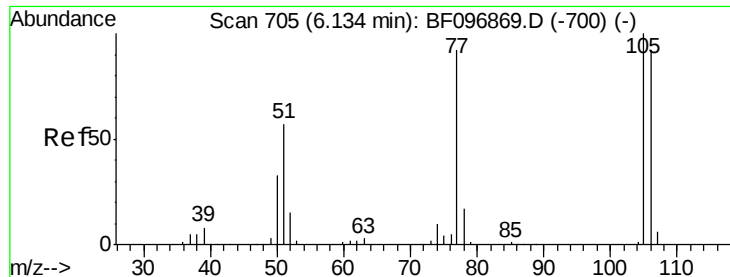
Tgt Ion: 128 Resp: 372484

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	55.4	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: 20.70 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF096993.D

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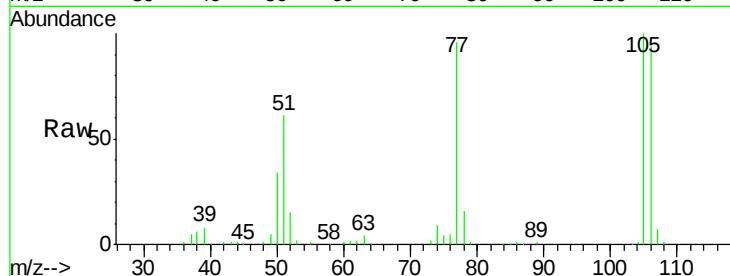
Tot Ion: 77 Resp: 128988

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

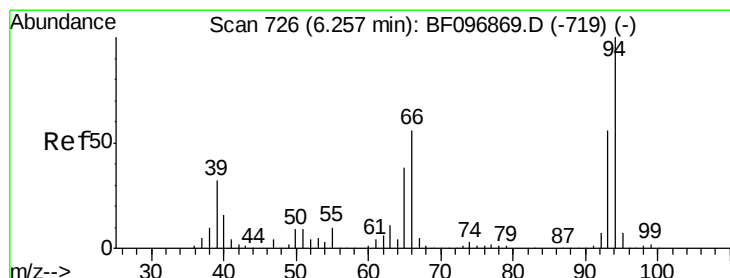
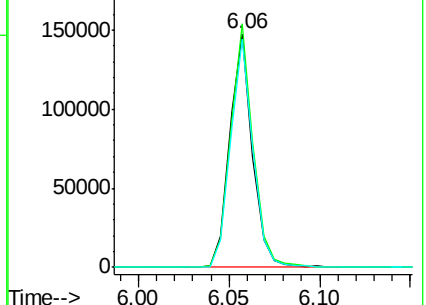
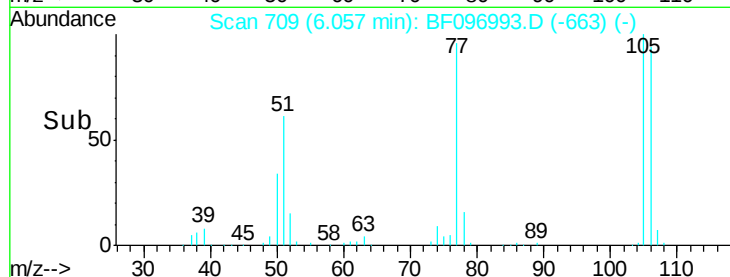
106 97.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.82 ng

RT: 6.20 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

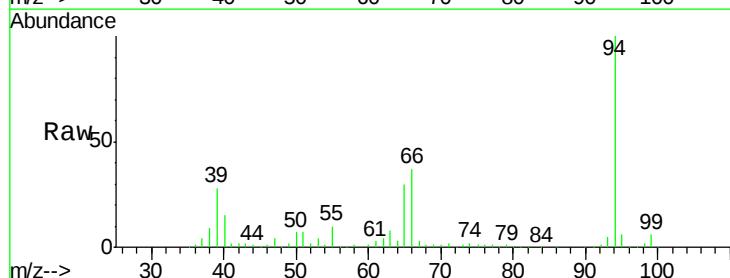
Tgt Ion: 94 Resp: 448777

Ion Ratio Lower Upper

94 100

65 29.9 9.9 49.9

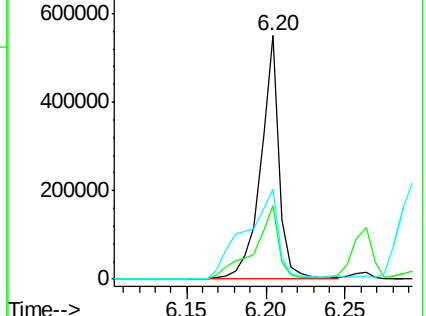
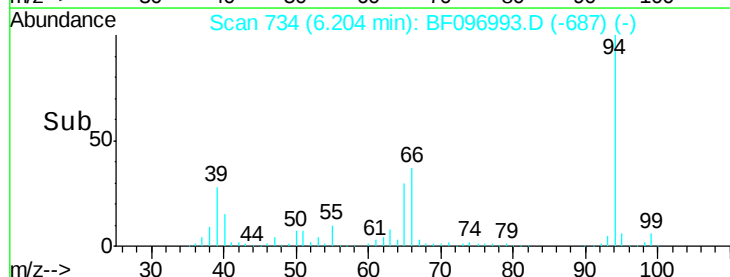
66 37.2 23.1 63.1

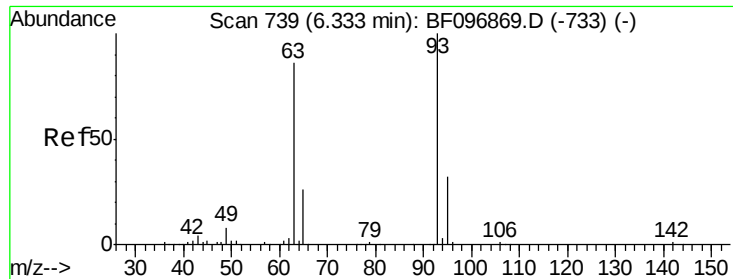


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

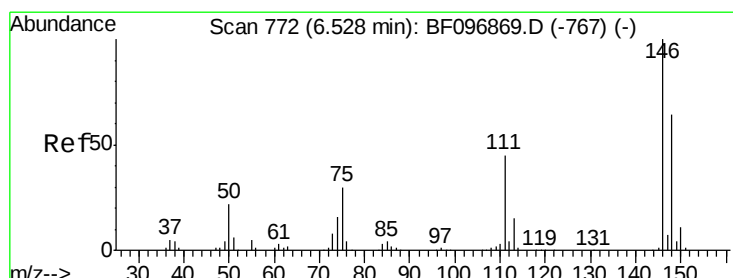
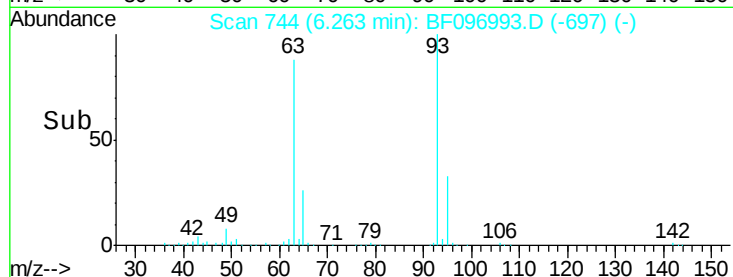
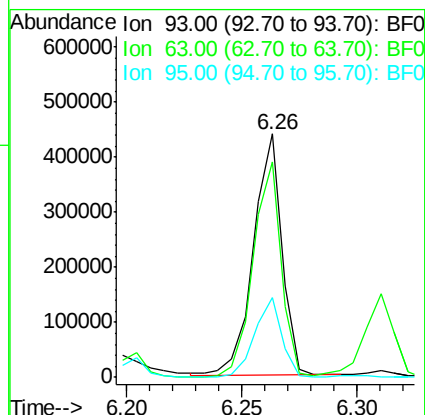
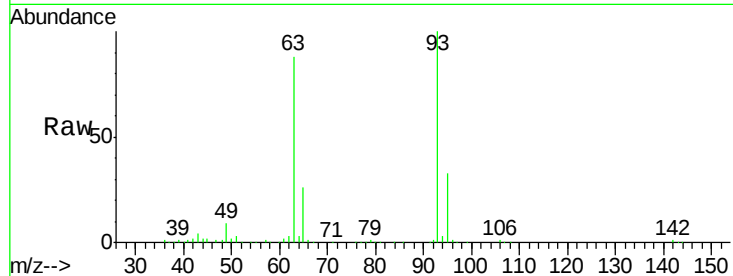




#11
bis(2-Chloroethyl)ether
Concen: 41.78 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

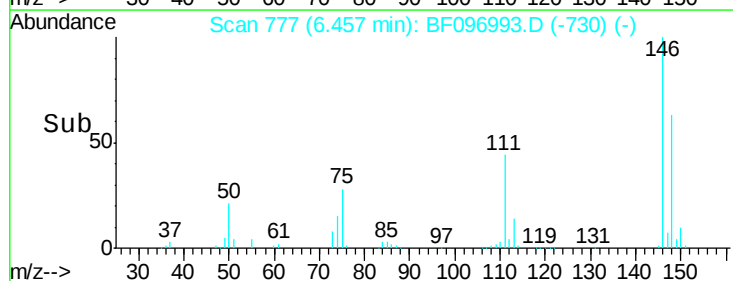
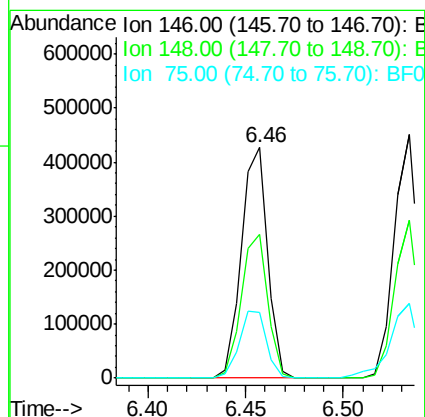
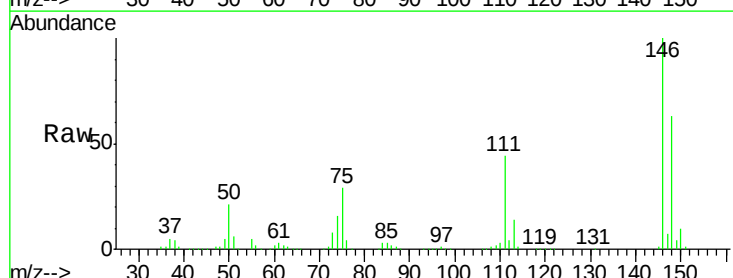
Instrument :
BNA_F
ClientSampleId :
PB100918BS

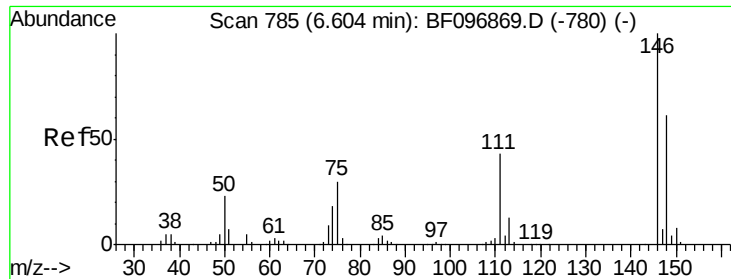
Tot Ion: 93 Resp: 382948
Ion Ratio Lower Upper
93 100
63 88.3 59.2 99.2
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.64 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion: 146 Resp: 398102
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.6
75 28.6 23.1 34.7

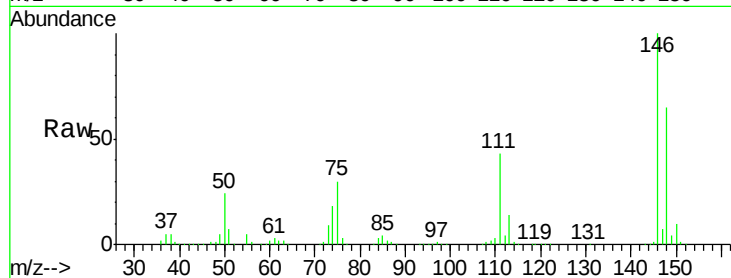




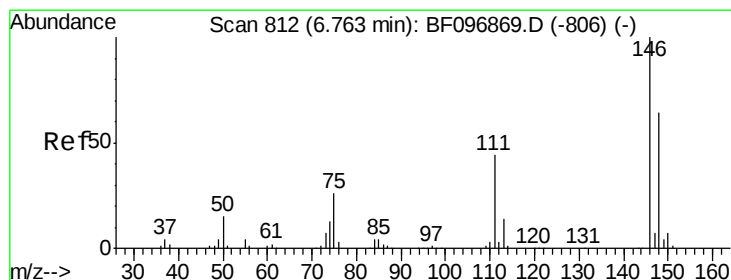
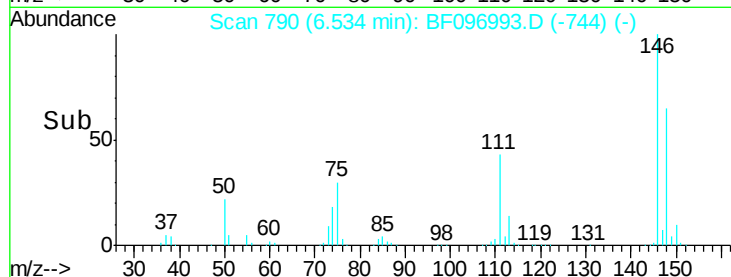
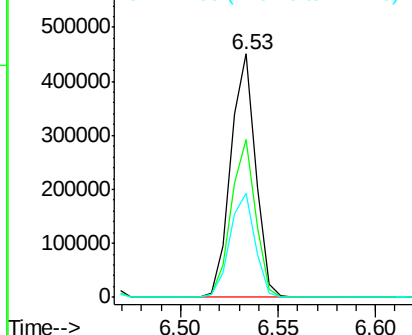
#13
 1,4-Dichlorobenzene
 Concen: 38.03 ng
 RT: 6.53 min Scan# 790
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB100918BS

Tot Ion:146 Resp: 396783
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 42.9 30.3 45.5

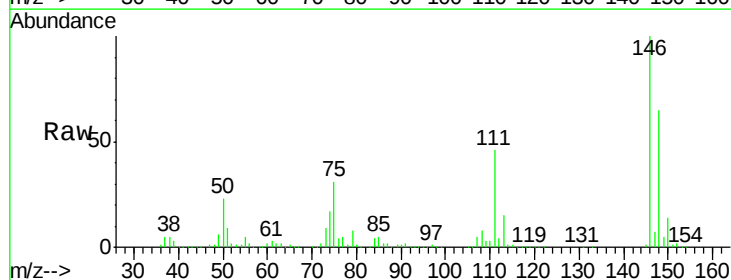


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

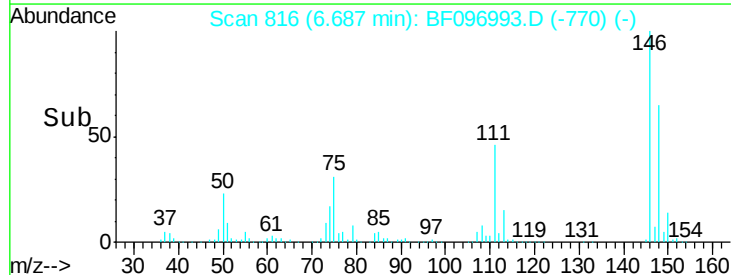
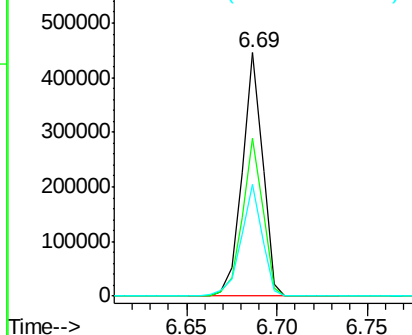


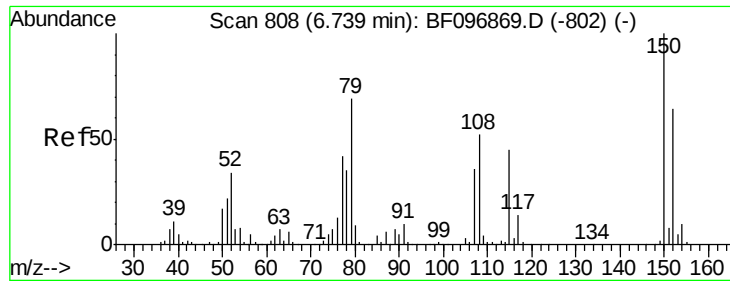
#14
 1,2-Dichlorobenzene
 Concen: 36.75 ng
 RT: 6.69 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Tgt Ion:146 Resp: 348768
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.4 75.6
 111 46.0 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

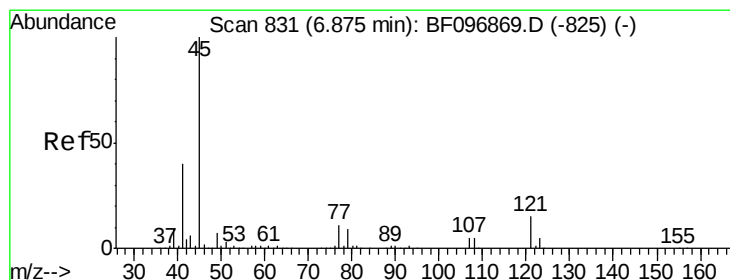
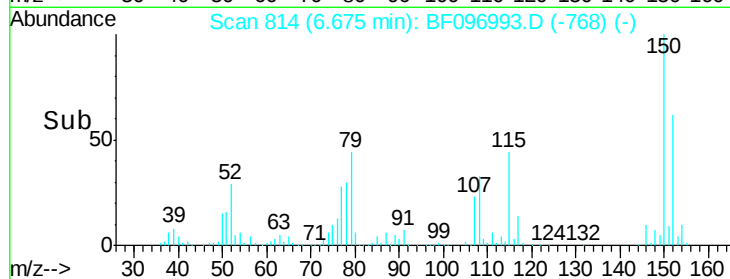
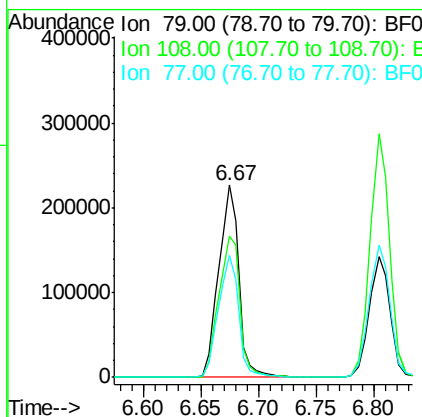
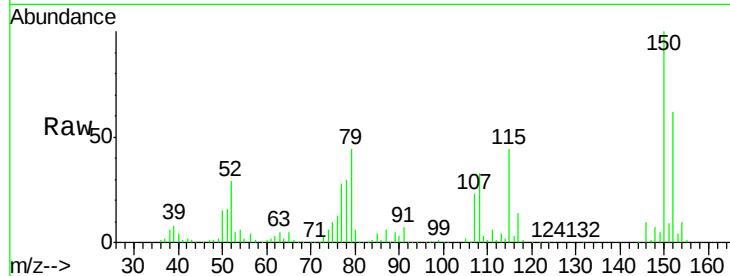




#15
Benzyl Alcohol
Concen: 38.98 ng
RT: 6.67 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

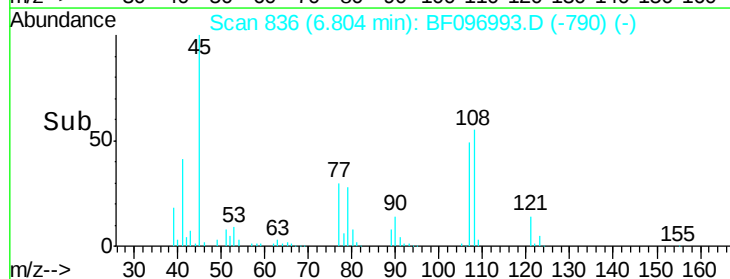
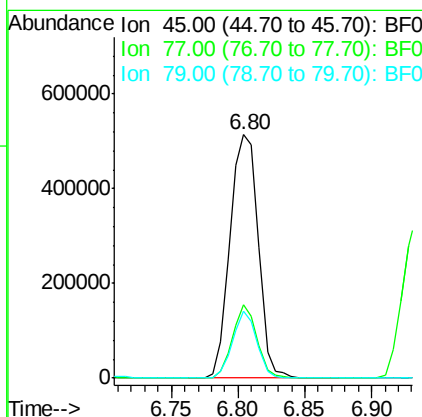
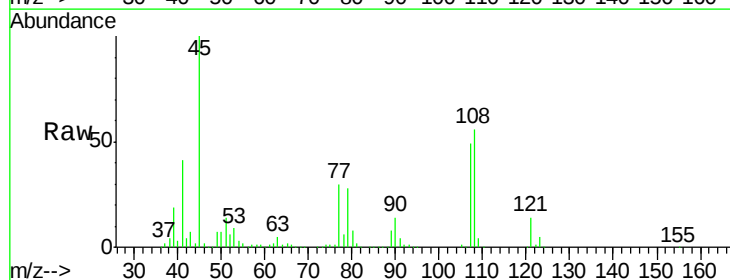
Instrument :
BNA_F
ClientSampleID :
PB100918BS

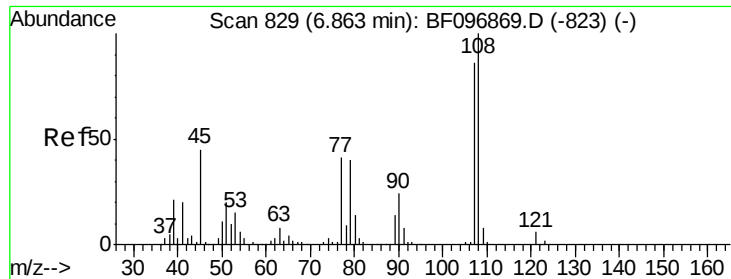
Tot Ion: 79 Resp: 275201
Ion Ratio Lower Upper
79 100
108 73.8 63.4 95.0
77 63.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.29 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion: 45 Resp: 762173
Ion Ratio Lower Upper
45 100
77 30.4 0.0 33.2
79 27.7 0.0 30.0

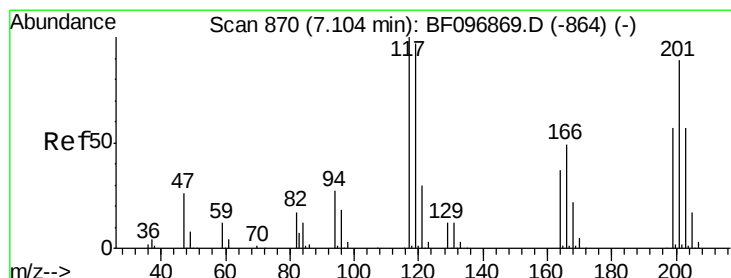
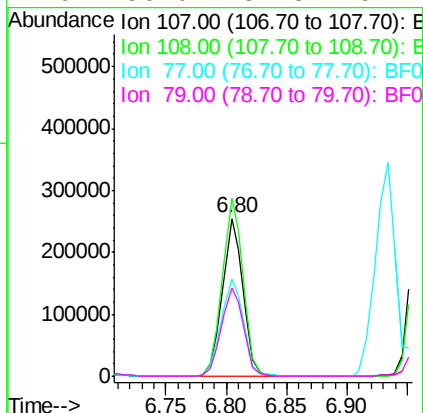
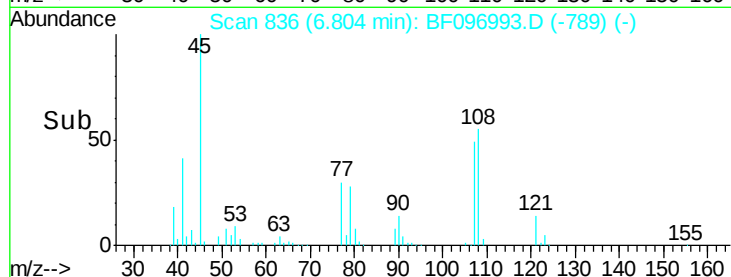
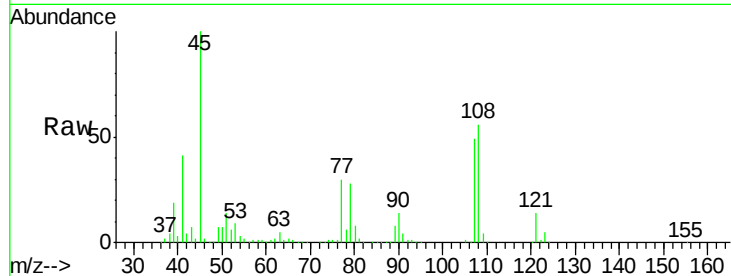




#17
2-Methylphenol
Concen: 39.94 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

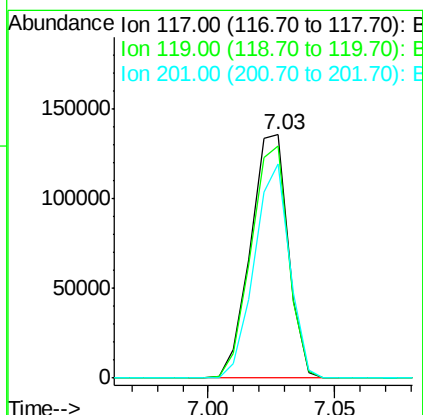
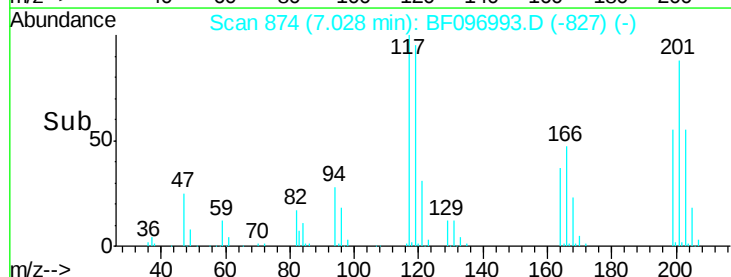
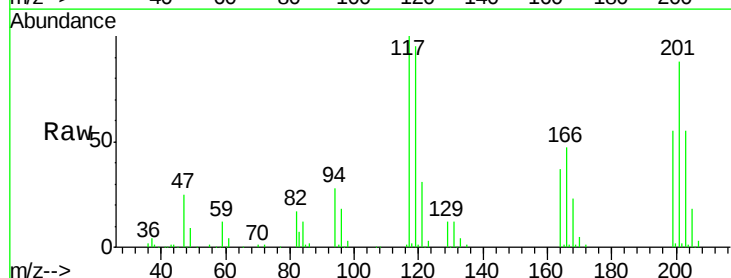
Instrument :
BNA_F
ClientSampleId :
PB100918BS

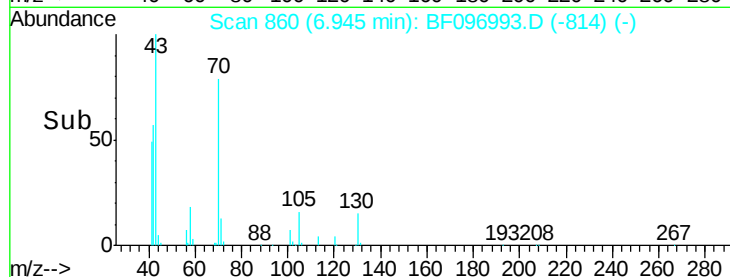
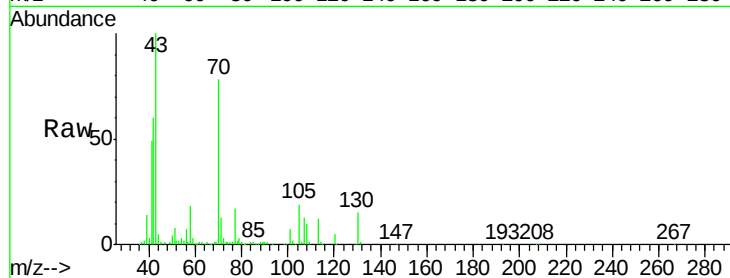
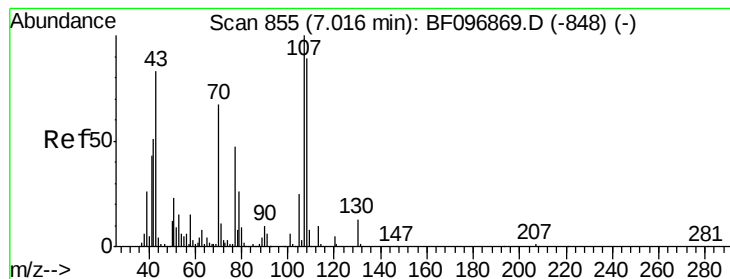
Tot Ion:107 Resp: 301052
Ion Ratio Lower Upper
107 100
108 112.9 93.4 140.0
77 61.4 35.8 53.6#
79 56.0 34.8 52.2#



#18
Hexachloroethane
Concen: 37.94 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:117 Resp: 140372
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
201 87.7 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 40.64 ng

RT: 6.95 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

Tot Ion: 70 Resp: 263965

Ion Ratio Lower Upper

70 100

42 76.6 47.2 70.8#

101 9.0 7.2 10.8

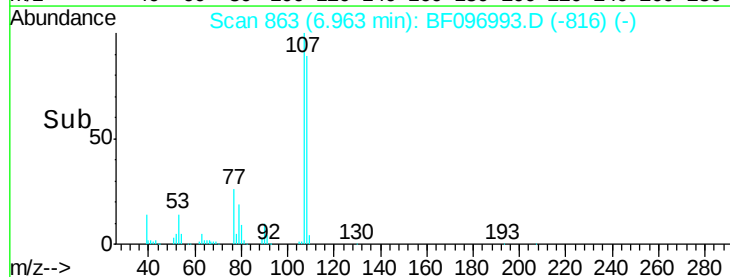
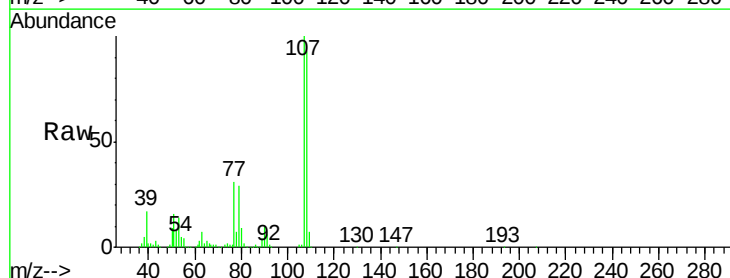
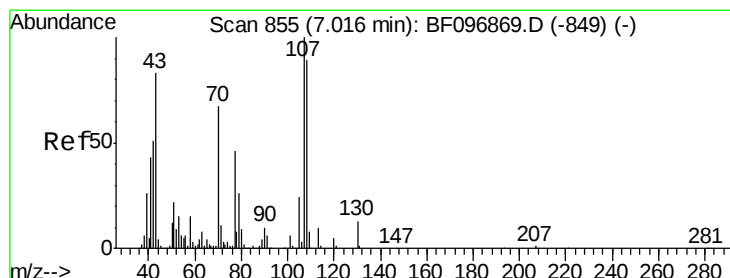
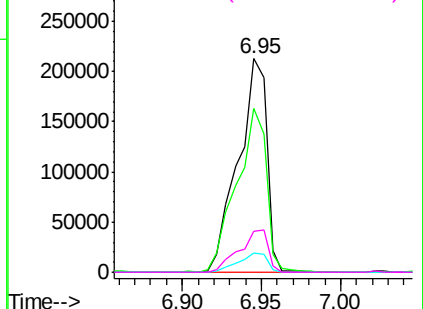
130 19.3 15.9 23.9

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 44.67 ng

RT: 6.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Tgt Ion: 107 Resp: 408582

Ion Ratio Lower Upper

107 100

108 92.7 71.0 111.0

77 31.5 90.5 130.5#

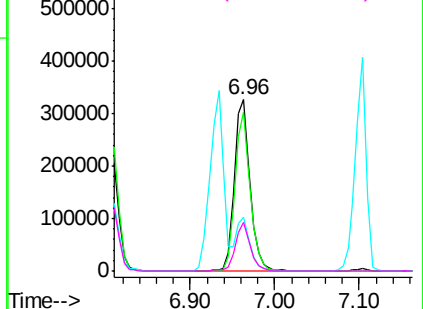
79 28.8 8.4 48.4

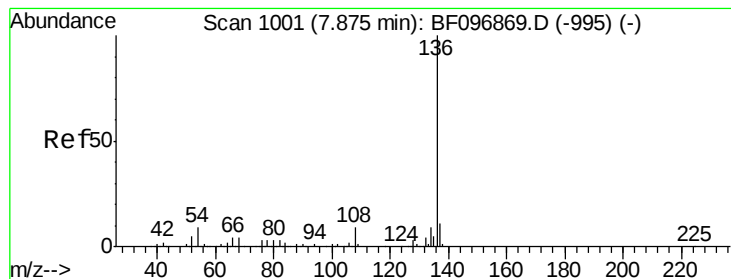
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 1005

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

Tot Ion:136 Resp: 529862

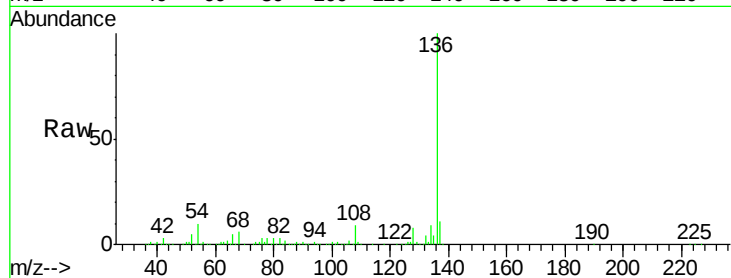
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.3 4.9 7.3#

68 5.8 4.1 6.1

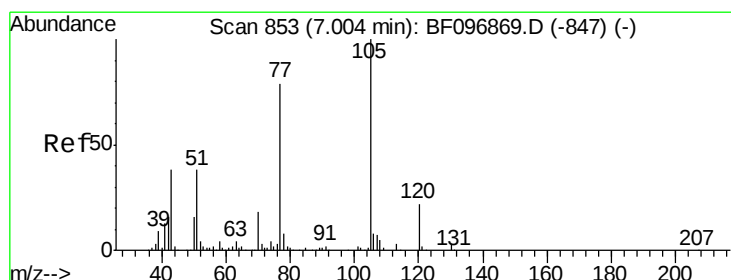
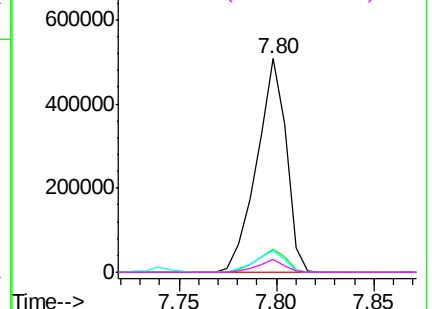
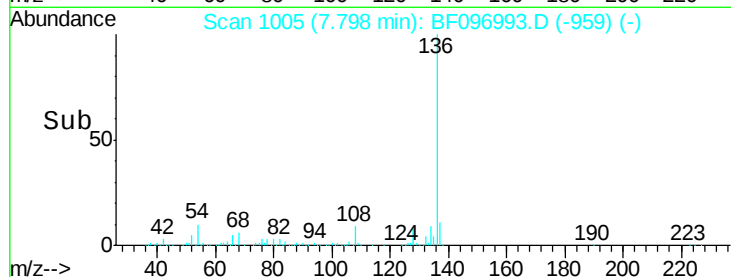


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.46 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Tgt Ion:105 Resp: 514686

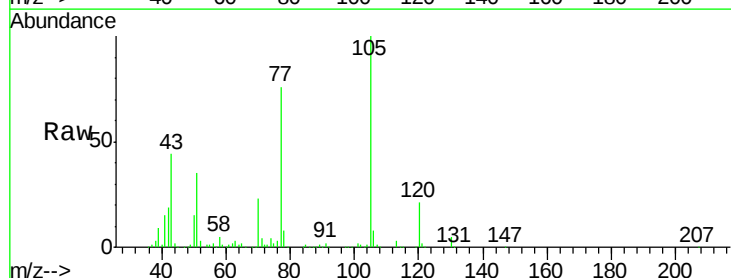
Ion Ratio Lower Upper

105 100

71 4.1 2.8 4.2

51 35.2 30.7 46.1

120 21.2 17.4 26.0

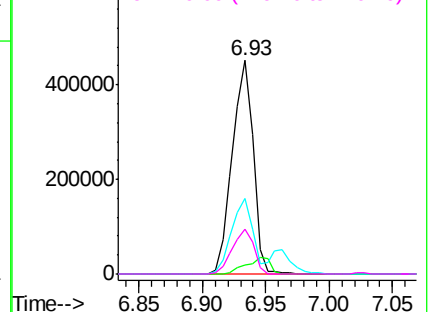
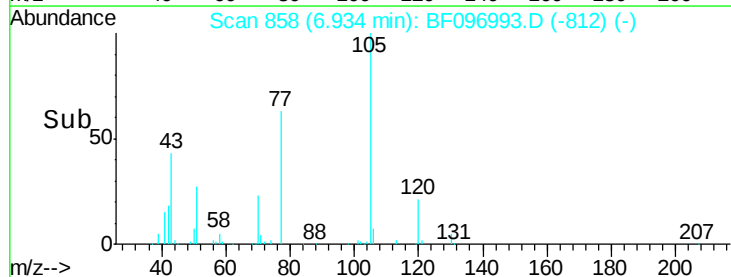


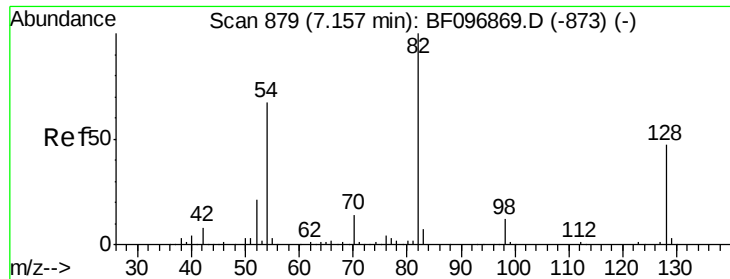
Abundance Ion 105.00 (104.70 to 105.70): E

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

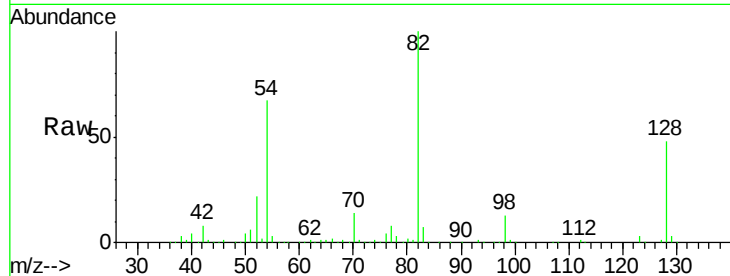




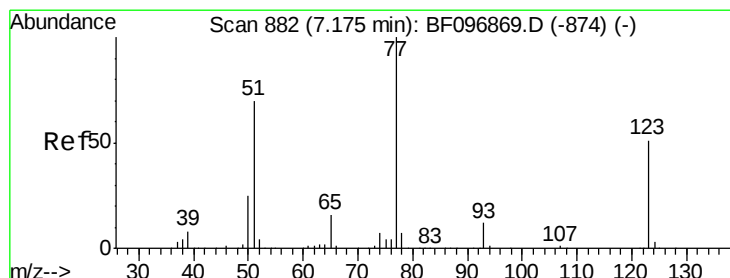
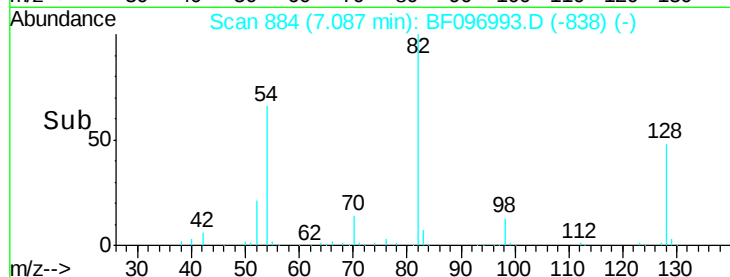
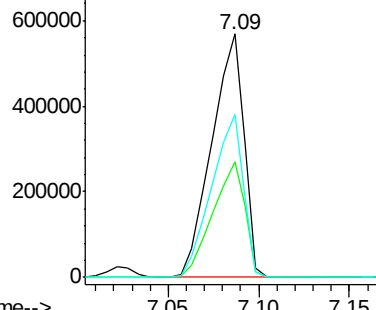
#23
Nitrobenzene-d5
Concen: 81.90 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB100918BS

Tot Ion: 82 Resp: 700639
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 67.0 42.2 63.2#

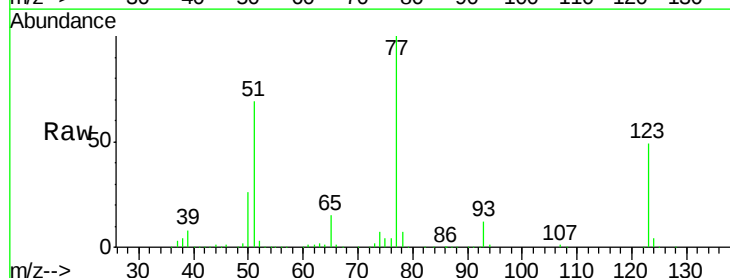


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

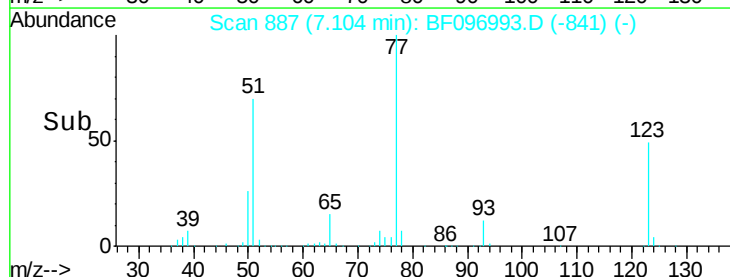
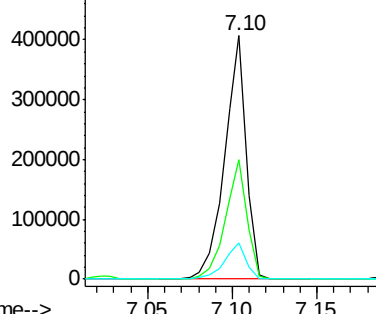


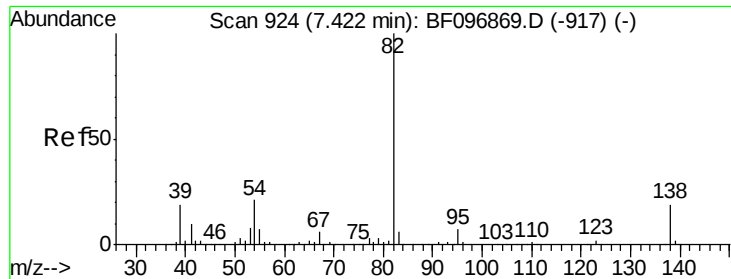
#24
Nitrobenzene
Concen: 40.78 ng
RT: 7.10 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion: 77 Resp: 360818
Ion Ratio Lower Upper
77 100
123 49.1 35.8 53.8
65 15.1 10.6 15.8



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





#25

Isophorone

Concen: 41.23 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

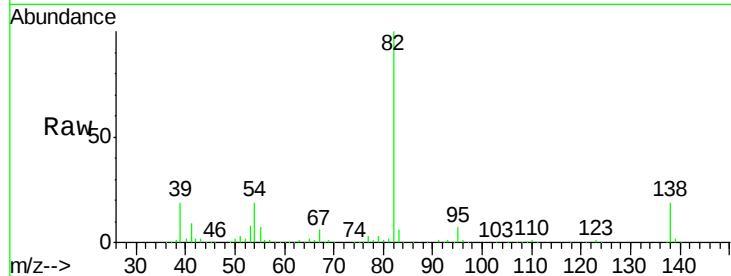
Tot Ion: 82 Resp: 656131

Ion Ratio Lower Upper

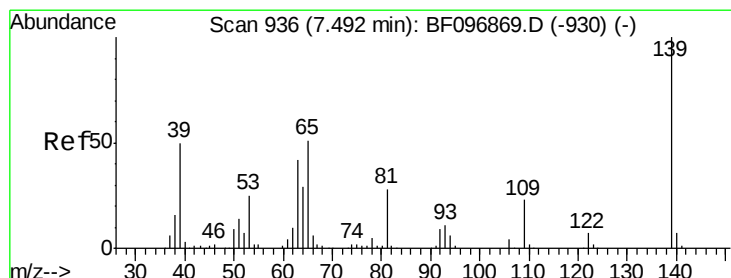
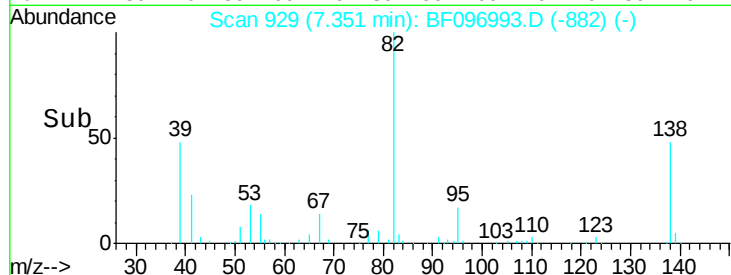
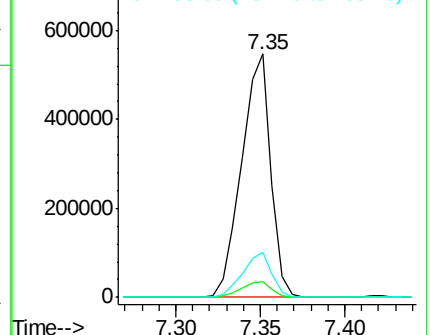
82 100

95 6.7 5.3 7.9

138 18.6 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: 38.79 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

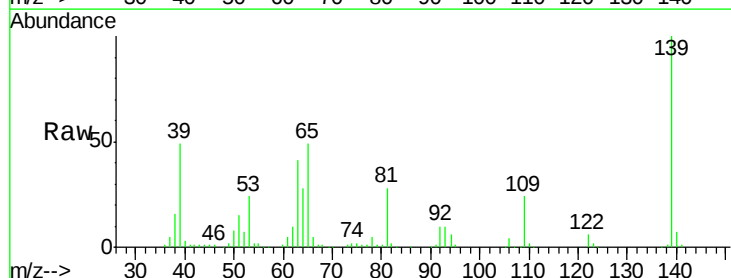
Tgt Ion: 139 Resp: 190814

Ion Ratio Lower Upper

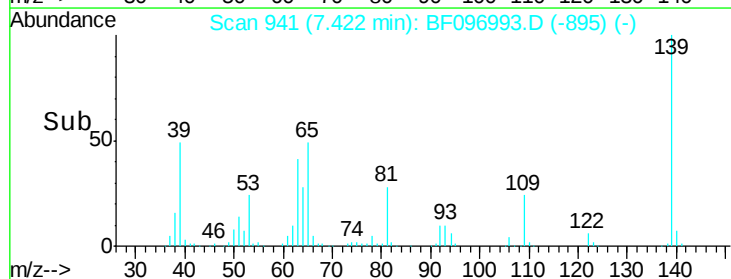
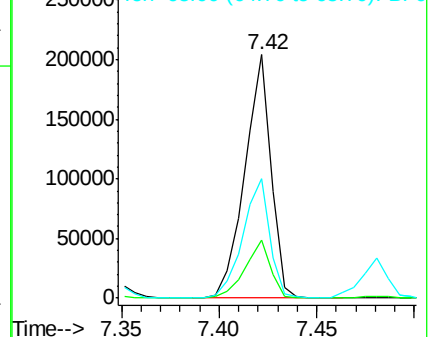
139 100

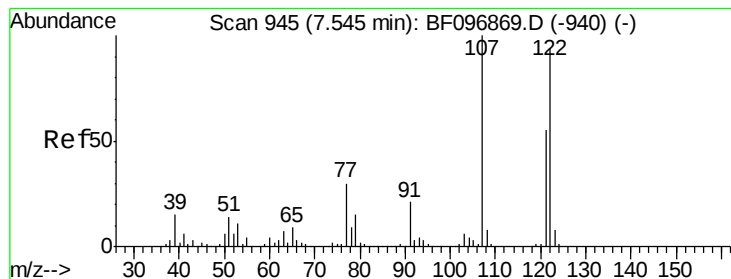
109 23.7 21.0 31.6

65 48.9 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: 38.02 ng

RT: 7.48 min Scan# 951

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

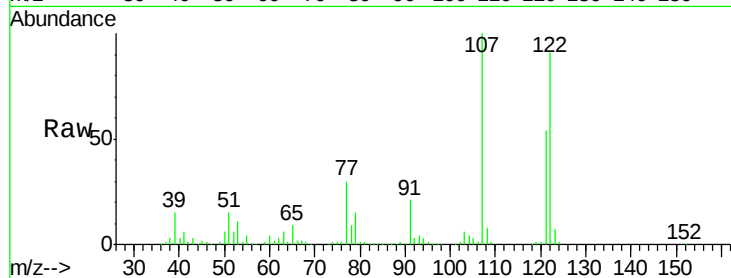
Tot Ion:122 Resp: 307737

Ion Ratio Lower Upper

122 100

107 109.8 89.2 133.8

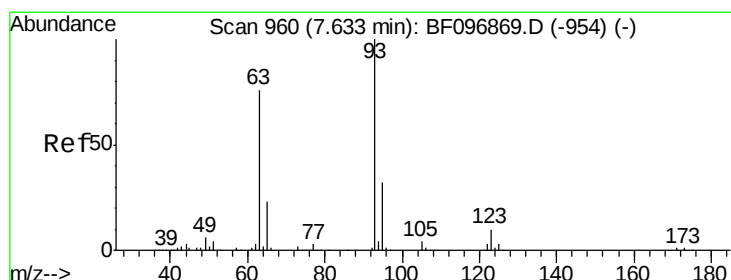
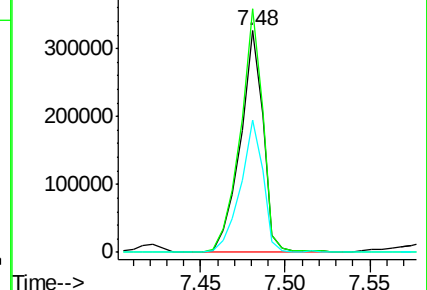
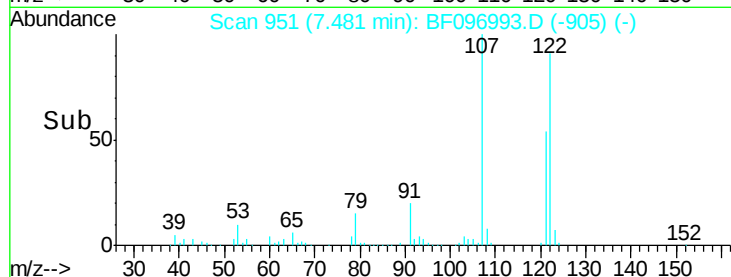
121 59.6 45.2 67.8



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: 39.80 ng

RT: 7.56 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

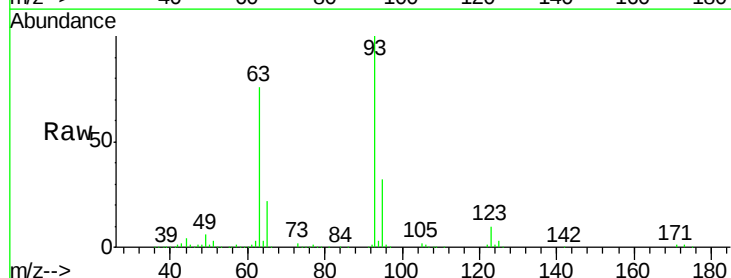
Tgt Ion: 93 Resp: 427948

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

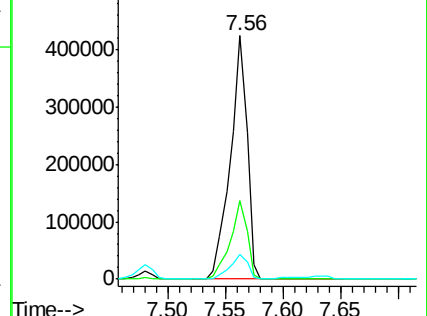
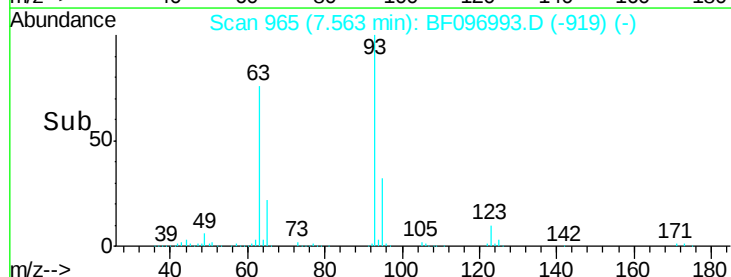
123 10.1 9.0 13.4

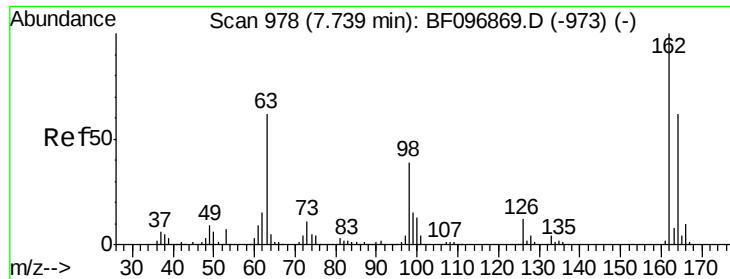


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

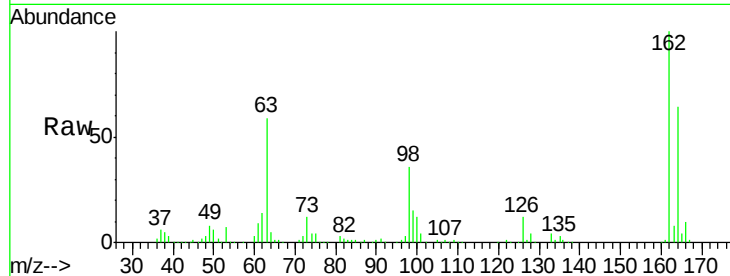




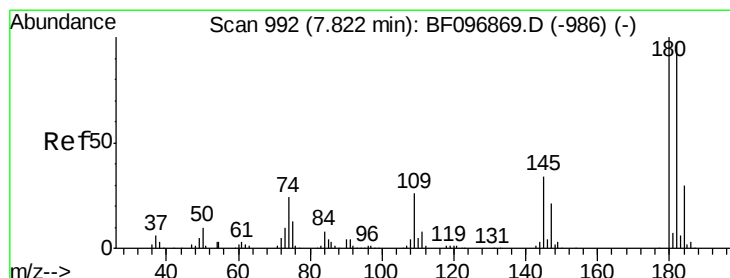
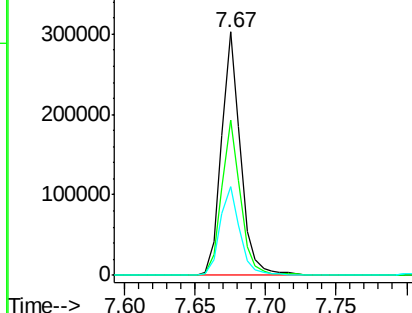
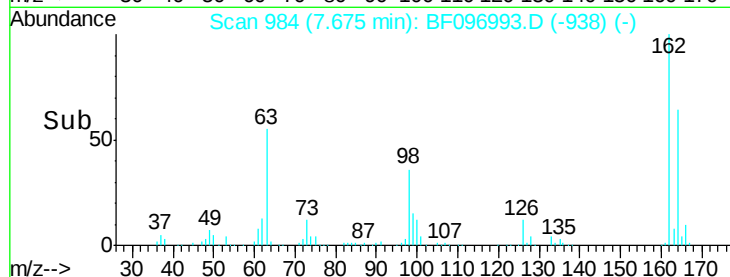
#29
 2,4-Dichlorophenol
 Concen: 38.91 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB100918BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	36.5	14.8	54.8

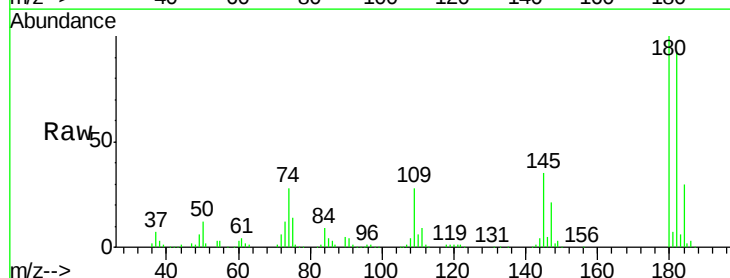


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

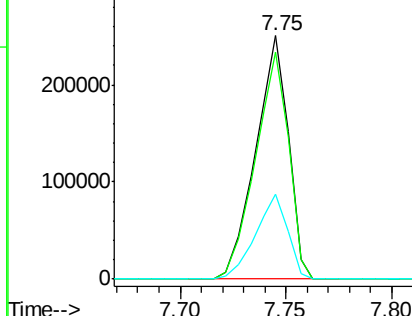
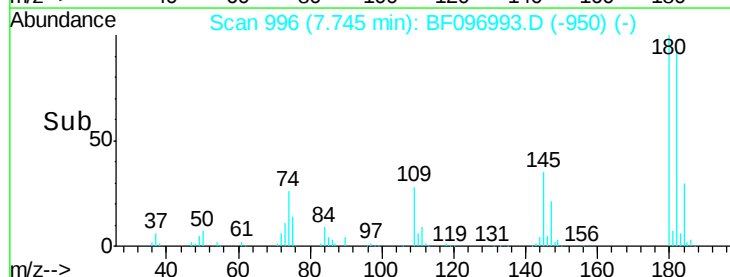


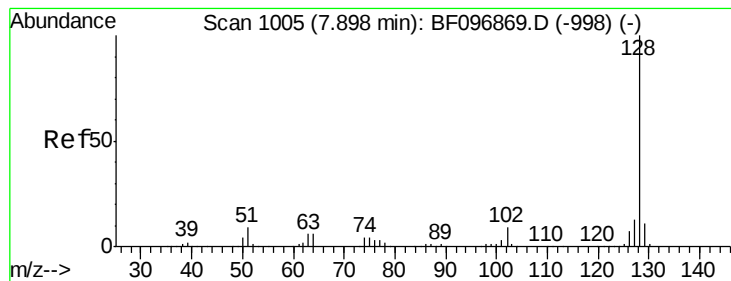
#30
 1,2,4-Trichlorobenzene
 Concen: 38.67 ng
 RT: 7.75 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	34.7	25.3	37.9



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





#31

Naphthalene

Concen: 39.46 ng

RT: 7.82 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

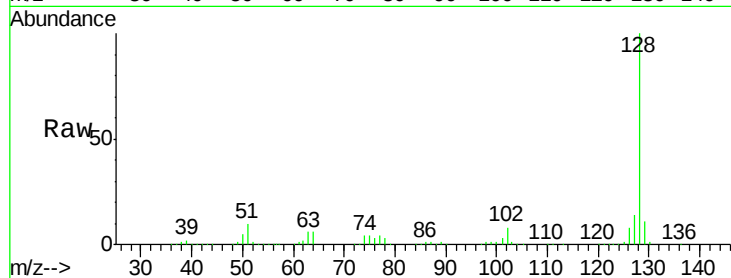
Tot Ion:128 Resp: 990449

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

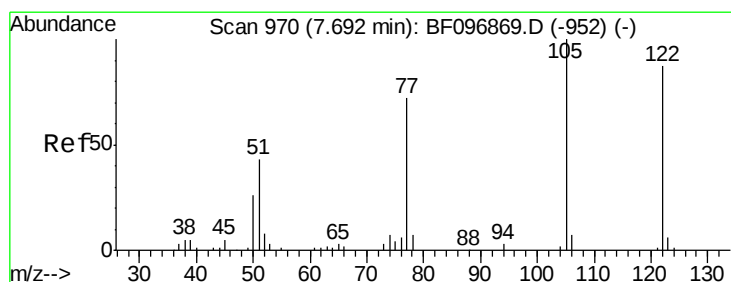
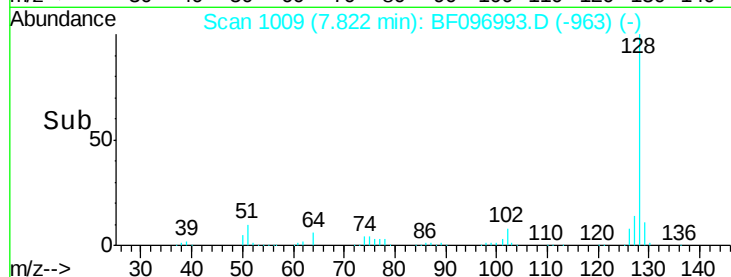
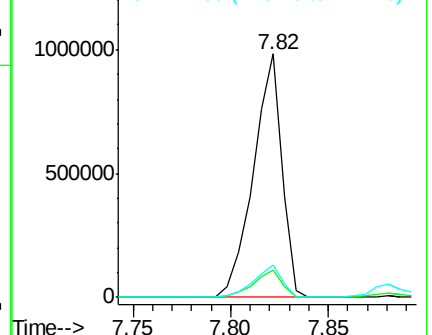
127 13.5 10.8 16.2



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: 32.41 ng

RT: 7.64 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

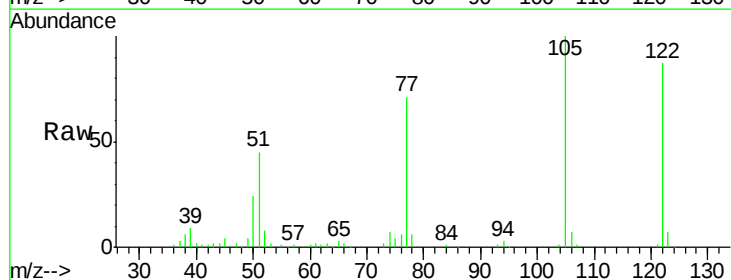
Tgt Ion:122 Resp: 167657

Ion Ratio Lower Upper

122 100

105 114.4 103.3 143.3

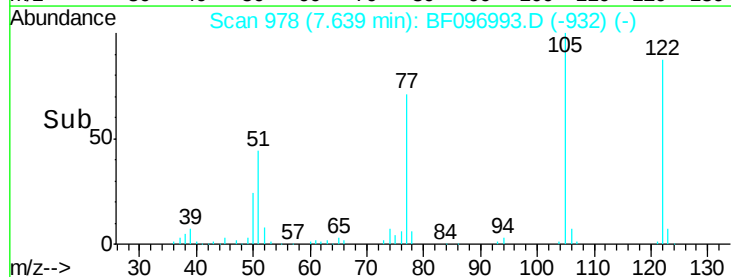
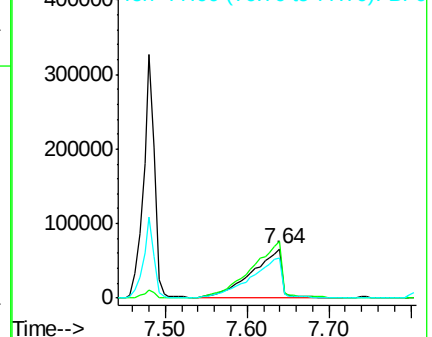
77 81.4 73.7 113.7

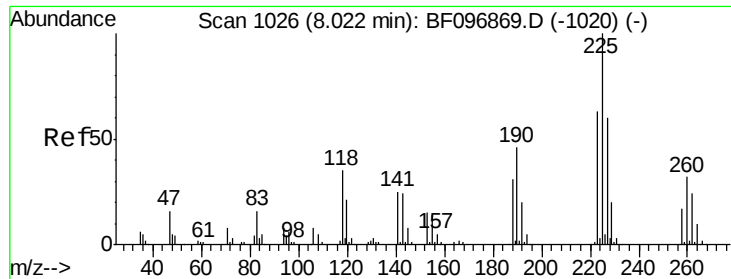


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

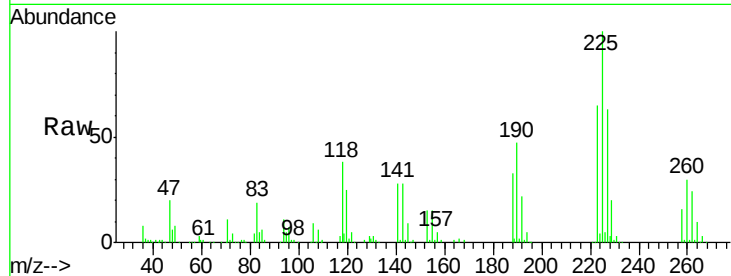




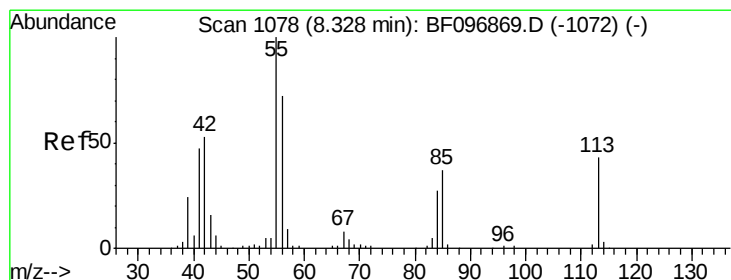
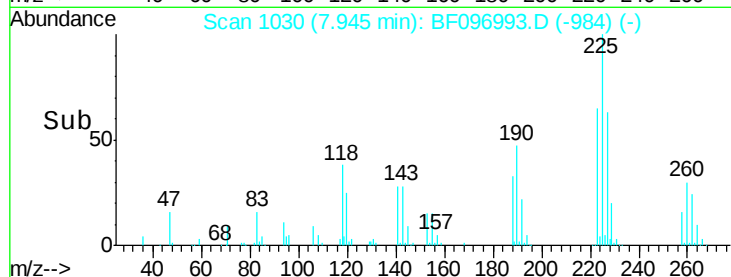
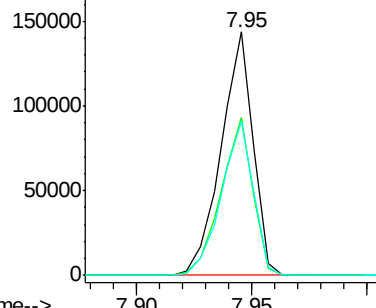
#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 7.95 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB100918BS

Tot Ion:225 Resp: 138646
Ion Ratio Lower Upper
225 100
223 64.6 48.8 73.2
227 63.2 51.1 76.7

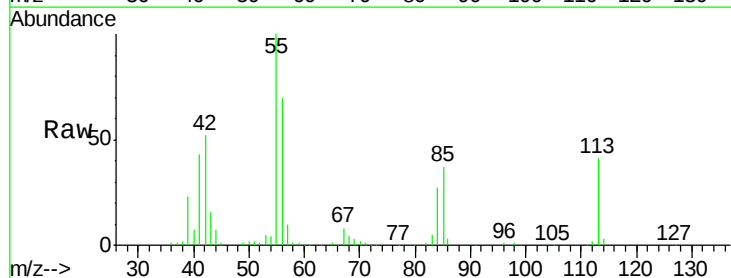


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

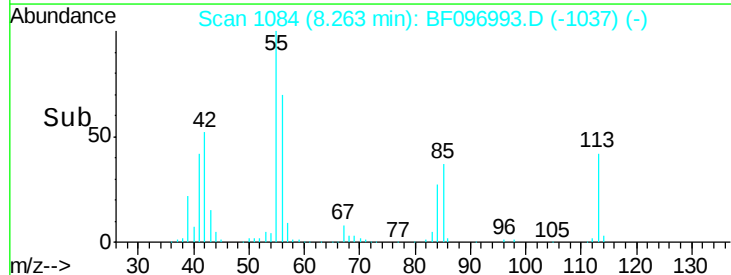
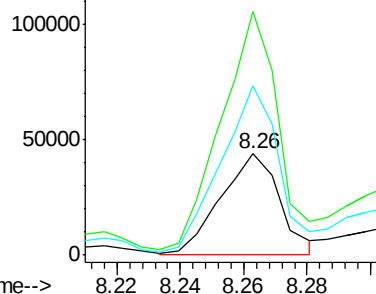


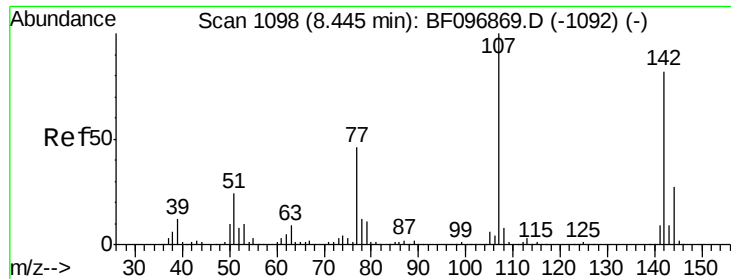
#35
Caprolactam
Concen: 24.31 ng
RT: 8.26 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:113 Resp: 57072
Ion Ratio Lower Upper
113 100
55 241.0 150.2 190.2#
56 167.8 107.8 147.8#



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

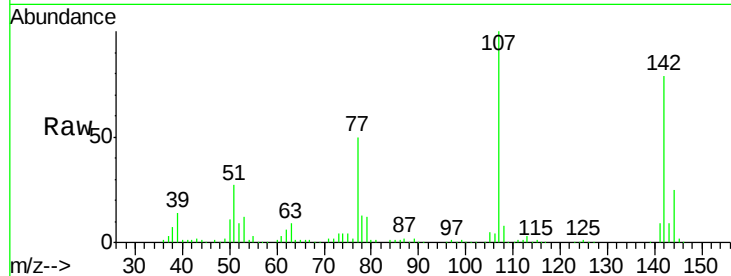




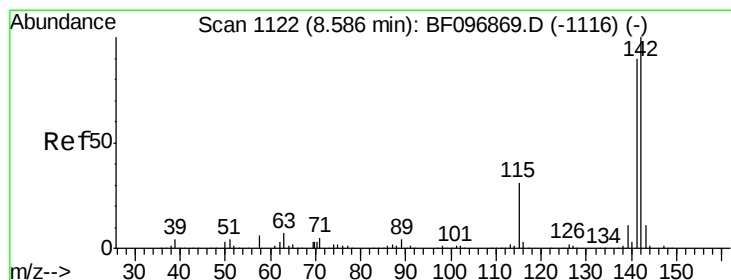
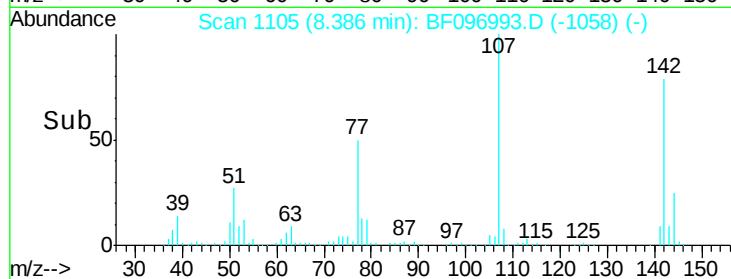
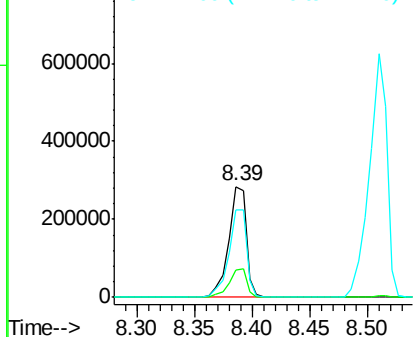
#36
 4-Chloro-3-methylphenol
 Concen: 38.58 ng
 RT: 8.39 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB100918BS

Tot Ion:107 Resp: 303917
 Ion Ratio Lower Upper
 107 100
 144 25.0 24.2 36.4
 142 78.7 73.4 110.0

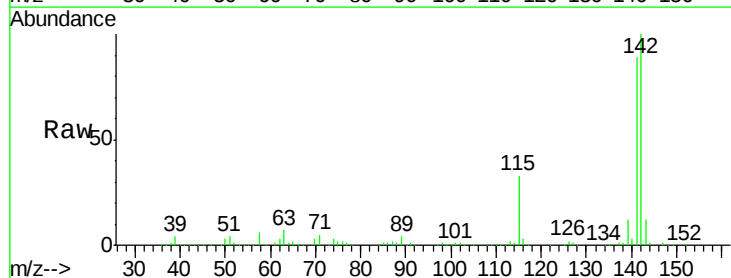


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

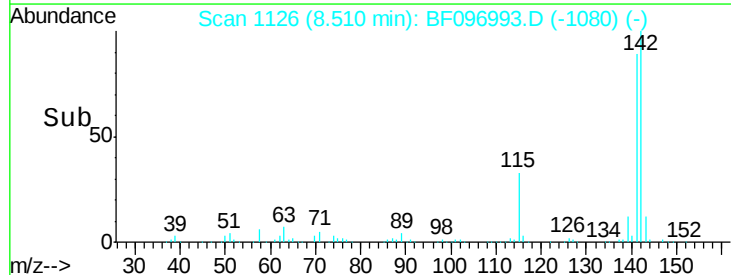
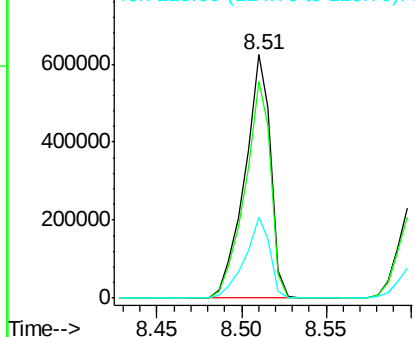


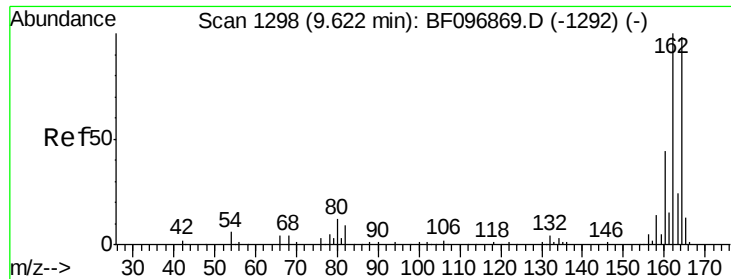
#37
 2-Methylnaphthalene
 Concen: 41.74 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Tgt Ion:142 Resp: 667874
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.3 106.9
 115 33.1 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: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

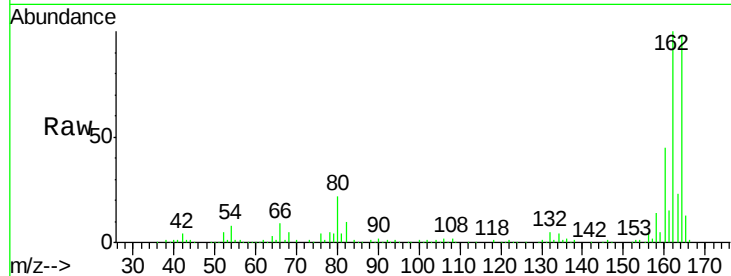
Tot Ion:164 Resp: 253357

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

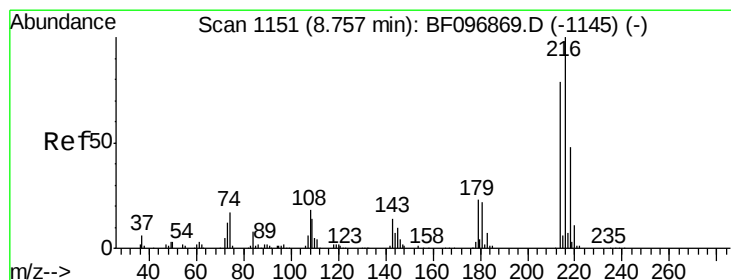
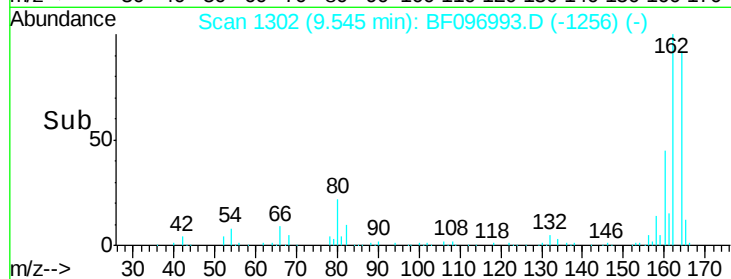
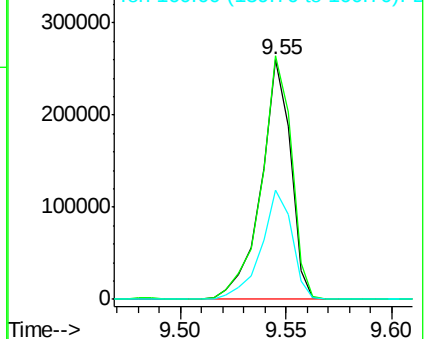
160 45.5 36.2 54.2



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: 32.69 ng

RT: 8.68 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Tgt Ion:216 Resp: 223877

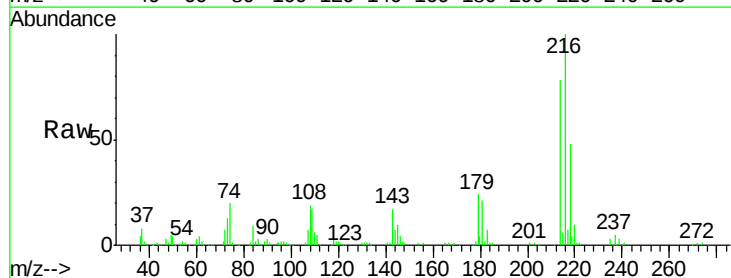
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 23.5 17.9 26.9

108 23.1 16.5 24.7

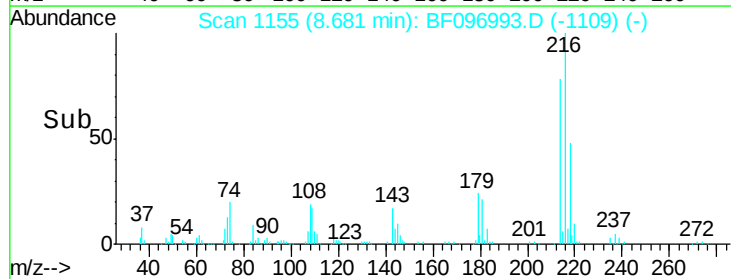
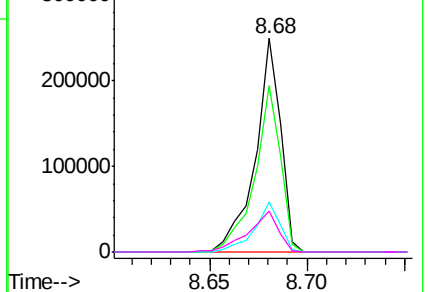


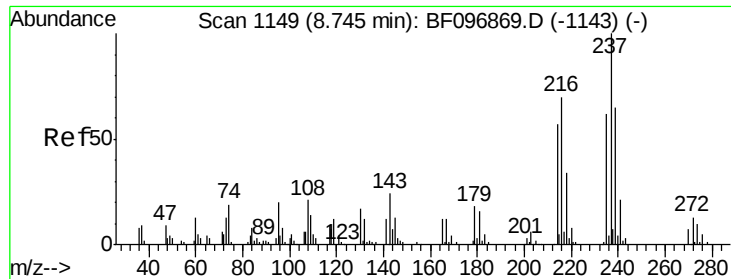
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

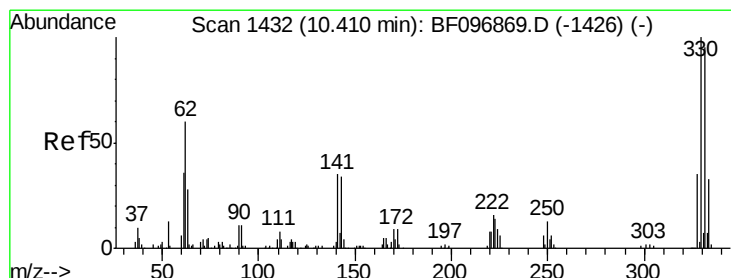
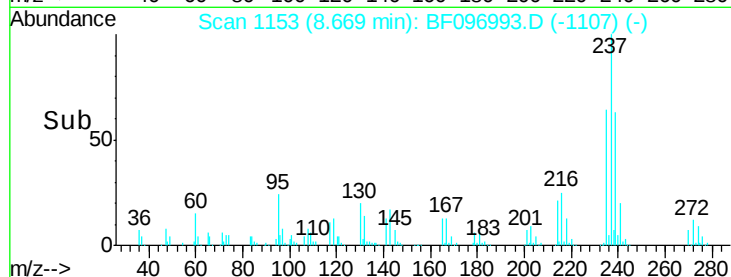
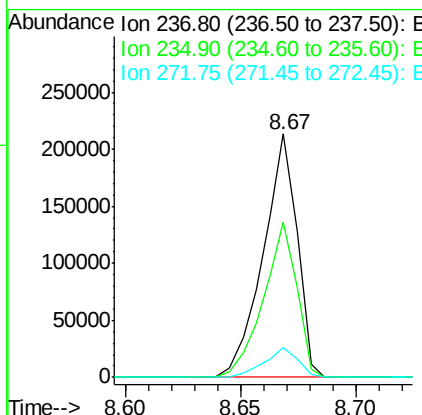
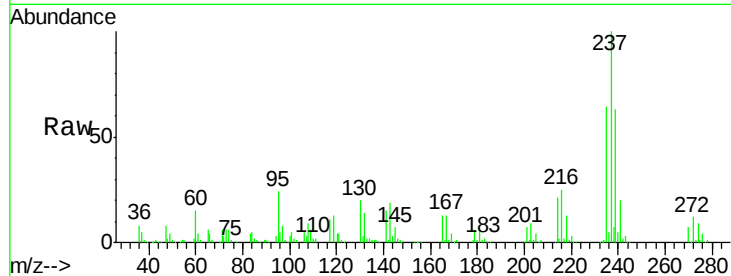




#40
Hexachlorocyclopentadiene
Concen: 84.29 ng
RT: 8.67 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

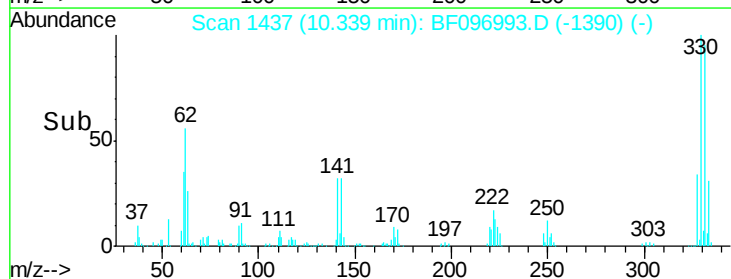
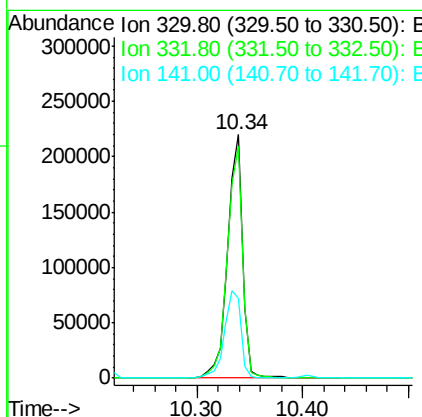
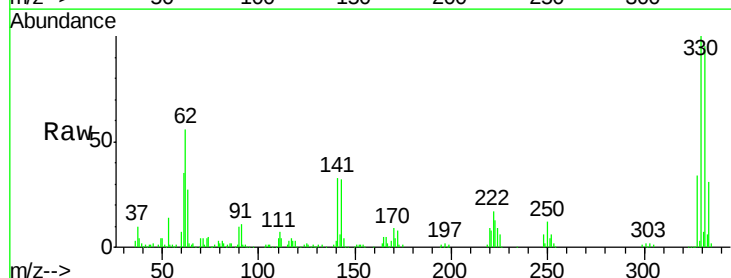
Instrument :
BNA_F
ClientSampleId :
PB100918BS

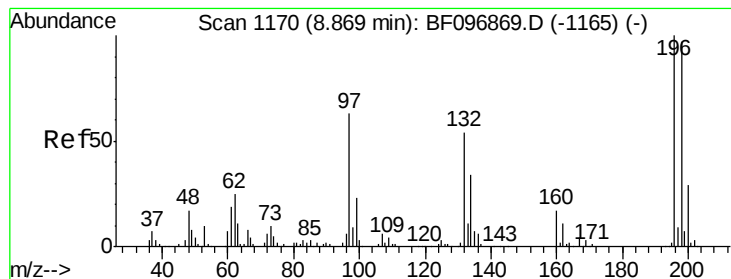
Tot Ion:237 Resp: 217845
Ion Ratio Lower Upper
237 100
235 64.0 42.6 82.6
272 12.1 0.0 31.9



#41
2,4,6-Tribromophenol
Concen: 100.20 ng
RT: 10.34 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:330 Resp: 216685
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 39.8 31.4 47.2





#42

2,4,6-Trichlorophenol

Concen: 32.95 ng

RT: 8.80 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

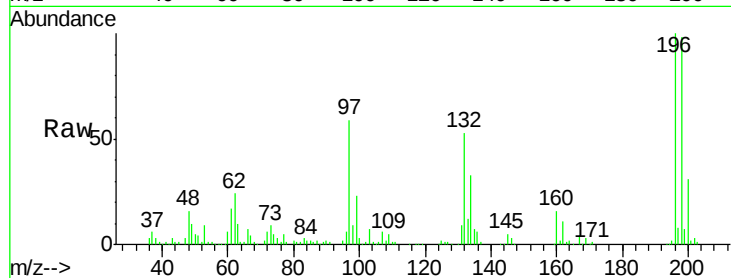
Tot Ion:196 Resp: 166475

Ion Ratio Lower Upper

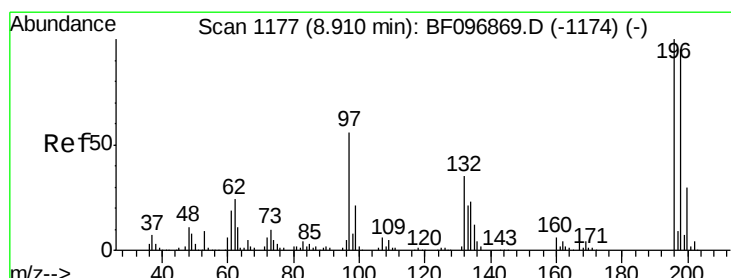
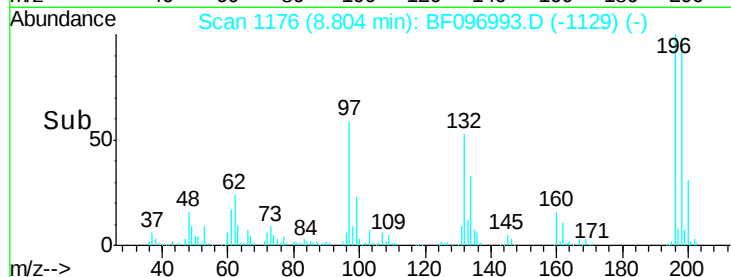
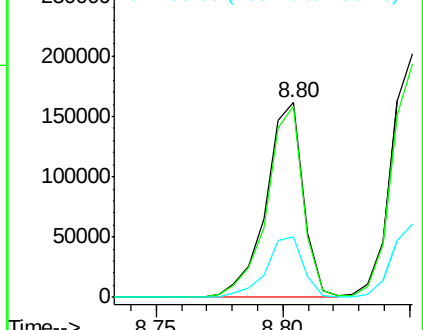
196 100

198 97.9 74.2 111.4

200 31.3 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 36.85 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Tgt Ion:196 Resp: 187751

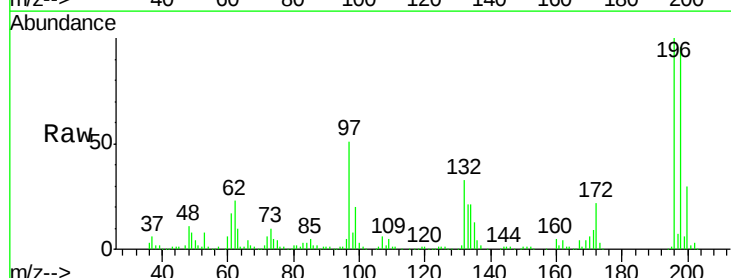
Ion Ratio Lower Upper

196 100

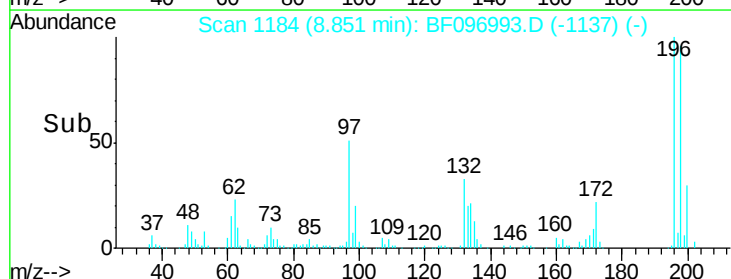
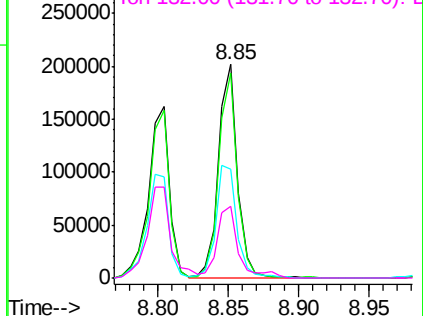
198 95.8 75.7 113.5

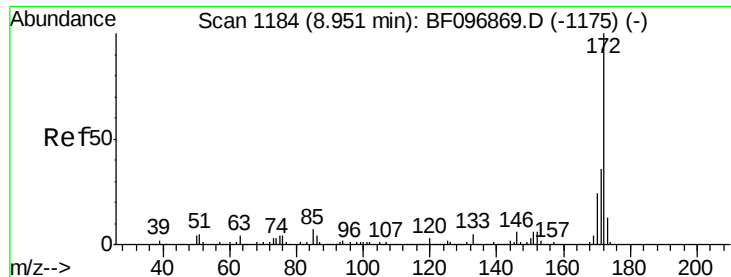
97 51.2 47.7 71.5

132 33.3 28.0 42.0



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

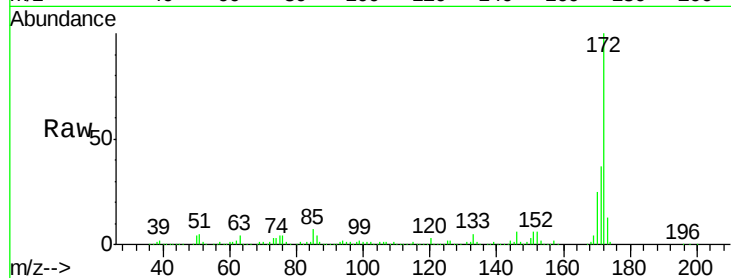




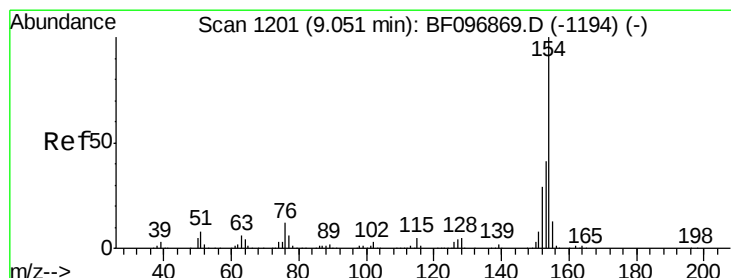
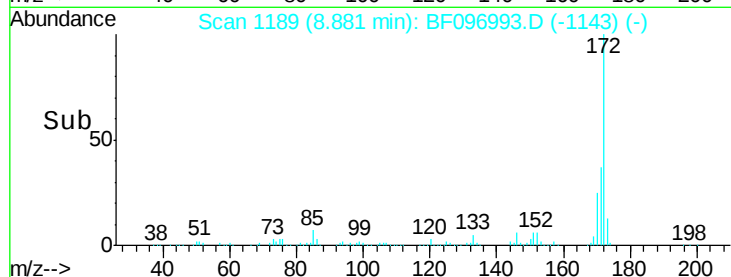
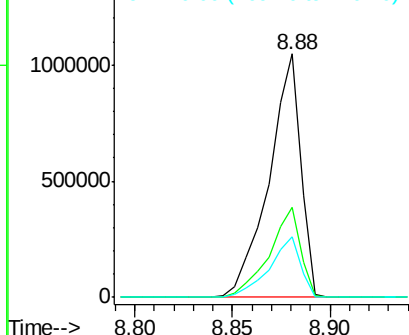
#44
2-Fluorobiphenyl
Concen: 73.68 ng
RT: 8.88 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB100918BS

Tot Ion:172 Resp: 1181497
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 25.0 19.8 29.8

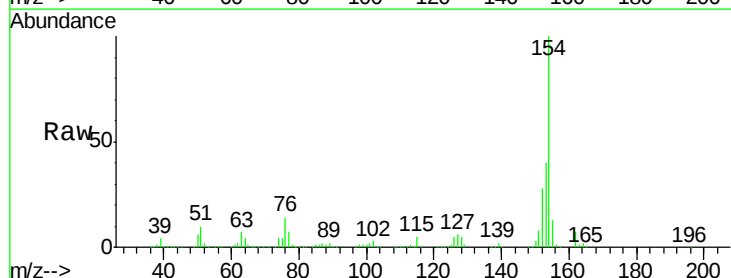


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

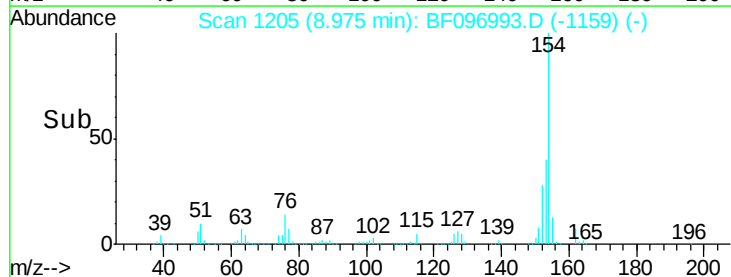
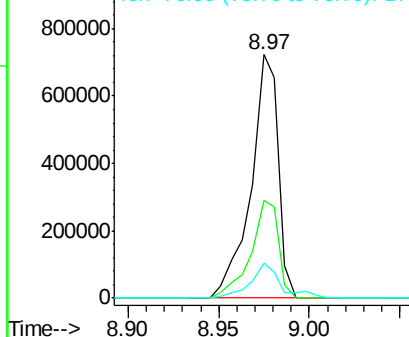


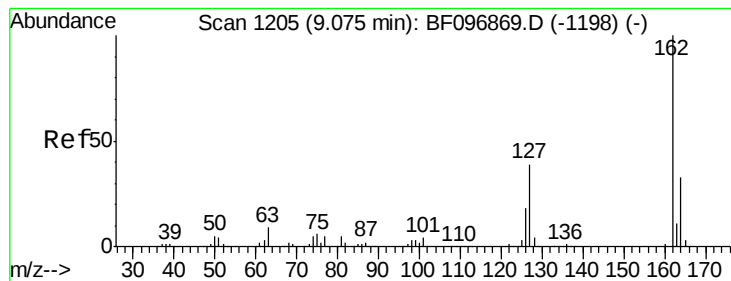
#45
1,1'-Biphenyl
Concen: 34.69 ng
RT: 8.97 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:154 Resp: 753860
Ion Ratio Lower Upper
154 100
153 40.4 21.2 61.2
76 14.1 0.0 29.9



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





#46

2-Chloronaphthalene

Concen: 36.66 ng

RT: 9.00 min Scan# 1209

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

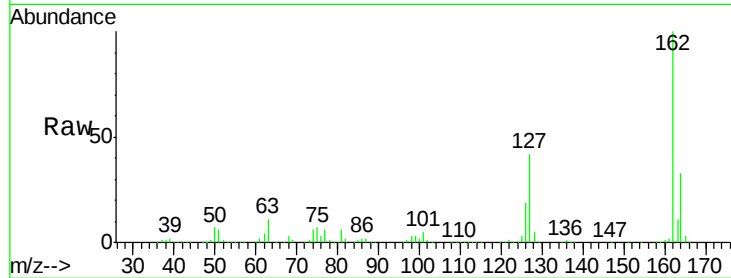
Tot Ion:162 Resp: 586570

Ion Ratio Lower Upper

162 100

127 42.1 28.3 42.5

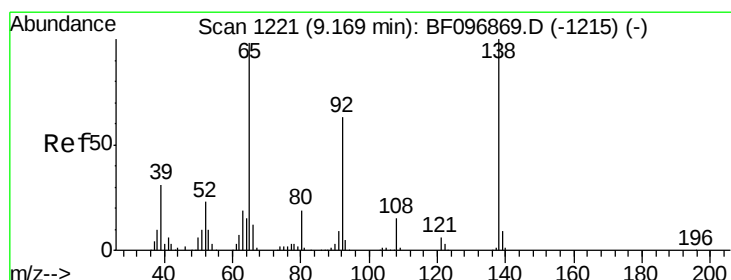
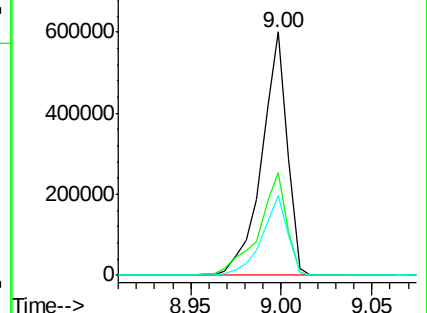
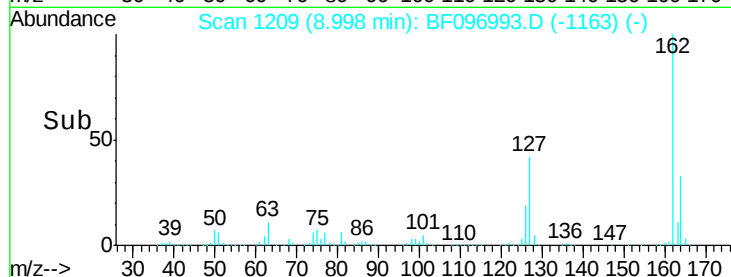
164 32.5 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 40.64 ng

RT: 9.10 min Scan# 1227

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

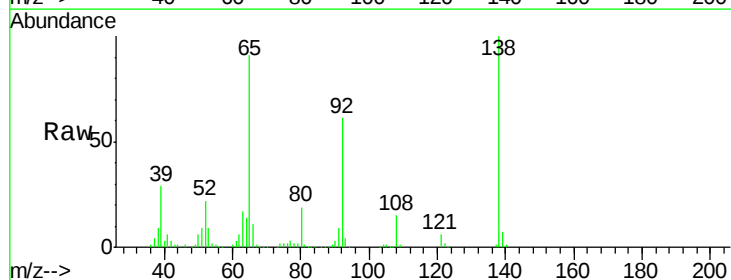
Tgt Ion: 65 Resp: 223527

Ion Ratio Lower Upper

65 100

92 67.1 53.9 80.9

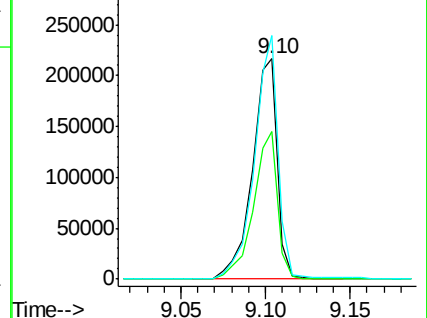
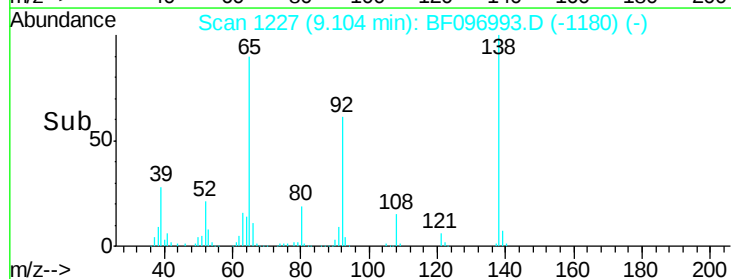
138 110.5 78.8 118.2

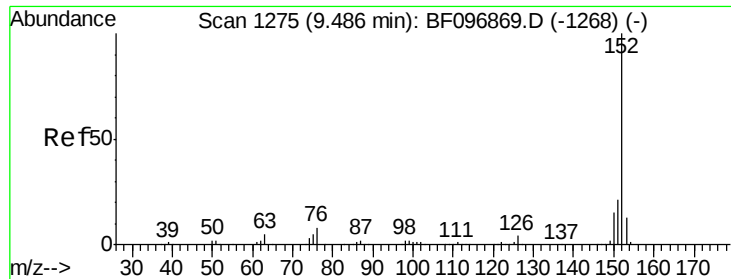


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 35.86 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

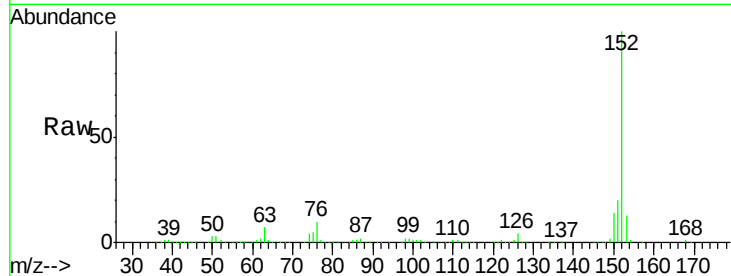
Tot Ion:152 Resp: 914202

Ion Ratio Lower Upper

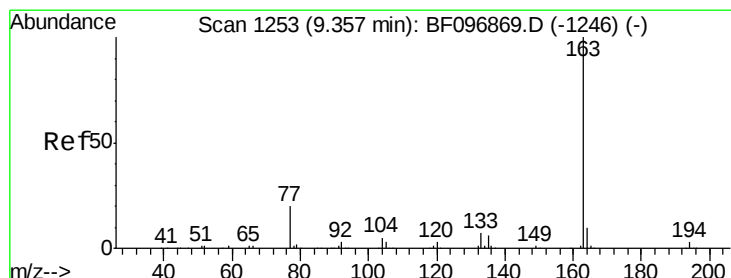
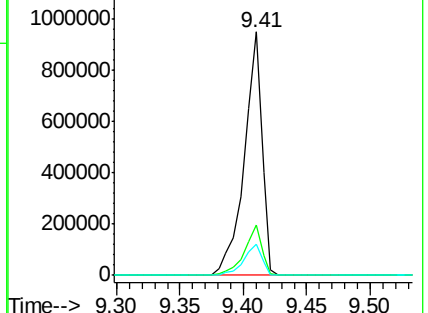
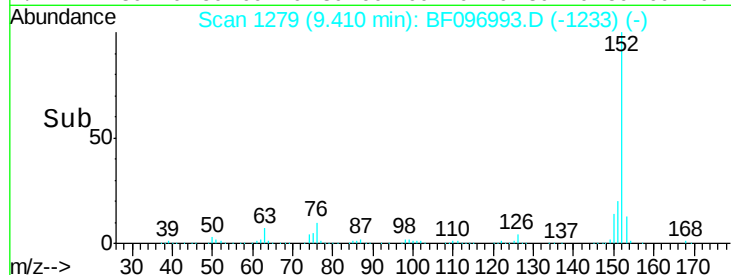
152 100

151 20.5 16.8 25.2

153 13.0 10.8 16.2



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



#49

Dimethylphthalate

Concen: 37.19 ng

RT: 9.29 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

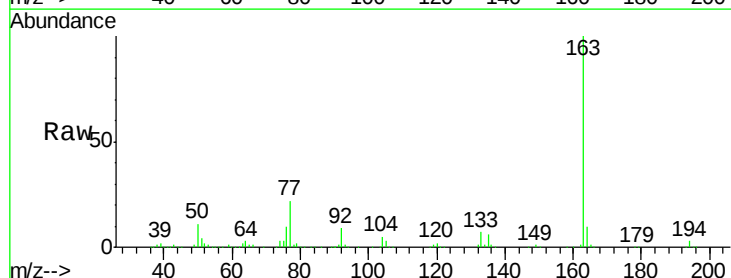
Tgt Ion:163 Resp: 709465

Ion Ratio Lower Upper

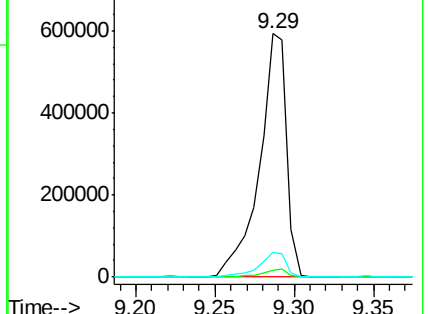
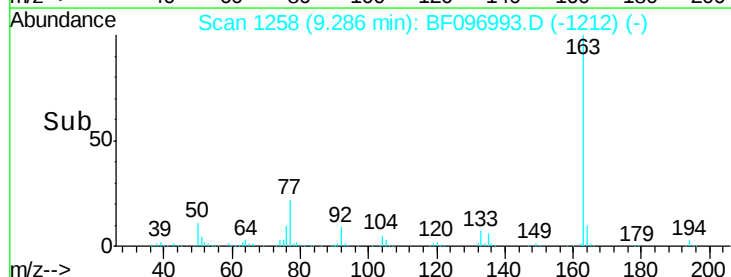
163 100

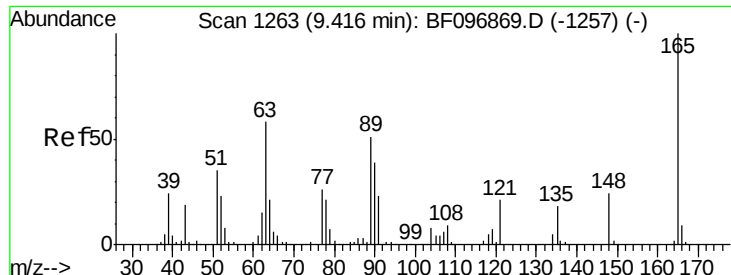
194 3.0 2.6 4.0

164 10.3 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

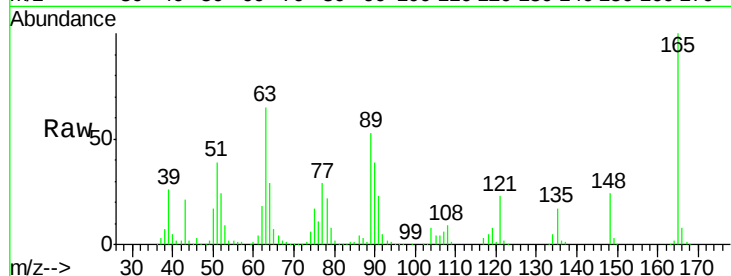




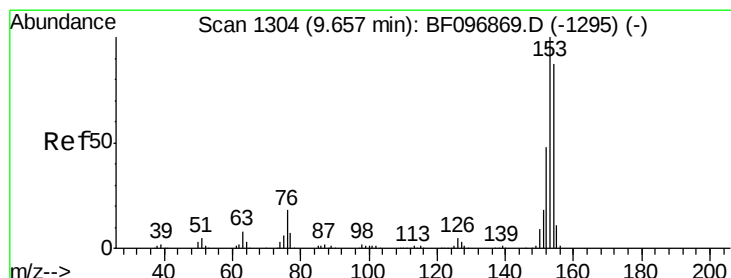
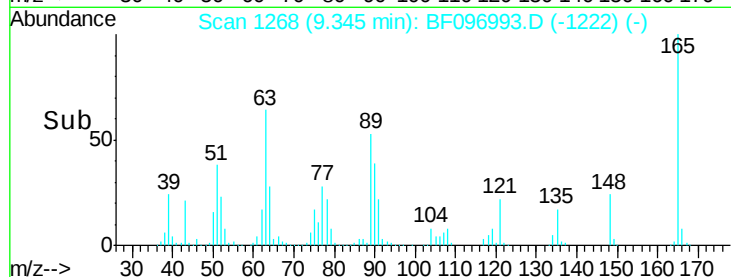
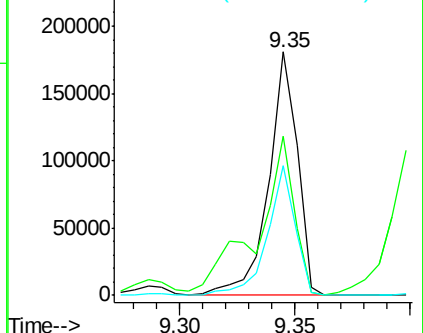
#50
 2,6-Dinitrotoluene
 Concen: 37.84 ng
 RT: 9.35 min Scan# 1268
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB100918BS

Tot Ion:165 Resp: 156346
 Ion Ratio Lower Upper
 165 100
 63 65.3 34.3 51.5#
 89 53.2 37.1 55.7

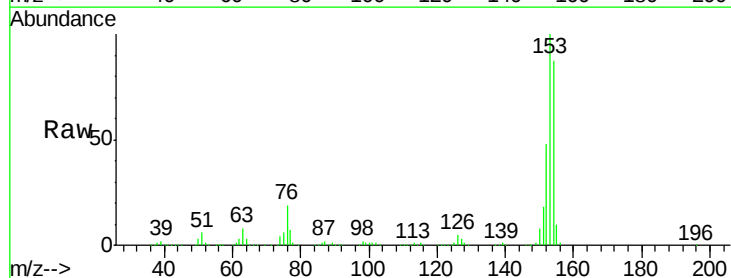


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

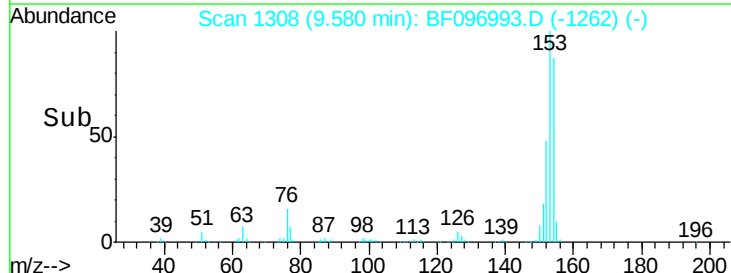
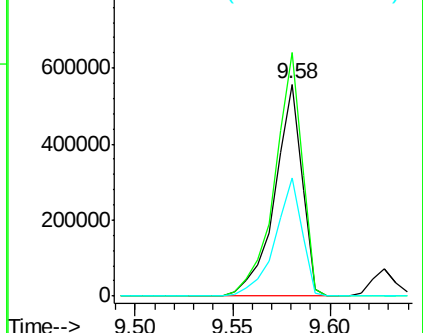


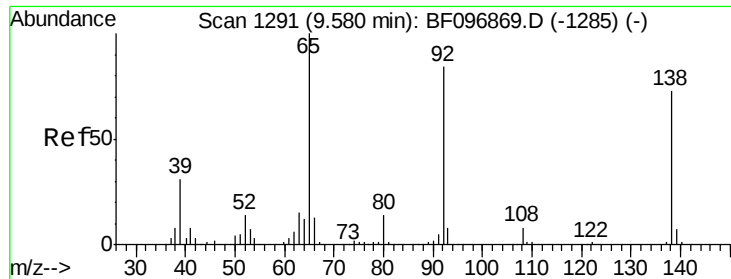
#51
 Acenaphthene
 Concen: 35.94 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Tgt Ion:154 Resp: 541245
 Ion Ratio Lower Upper
 154 100
 153 115.0 90.5 135.7
 152 55.5 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

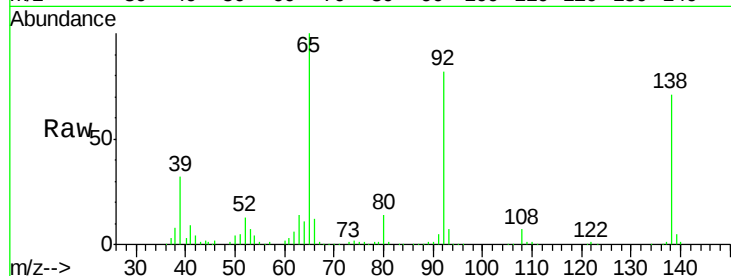




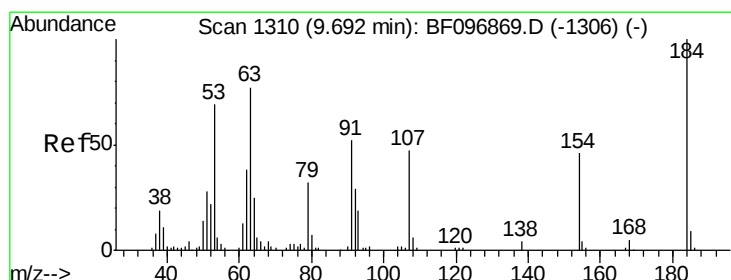
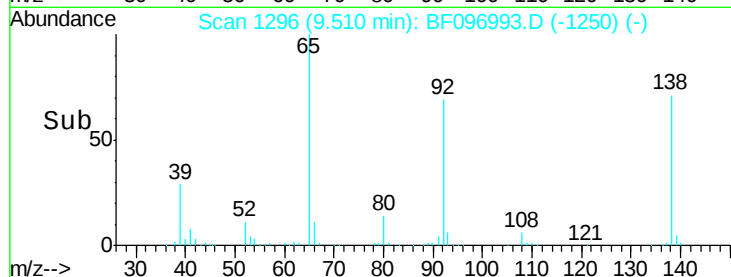
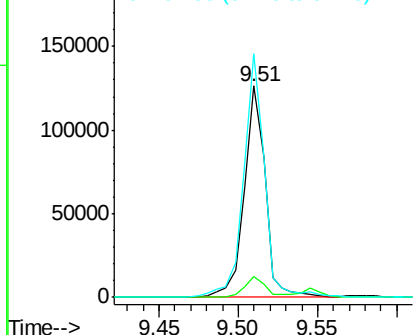
#52
3-Nitroaniline
Concen: 23.77 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB100918BS

Tot Ion:138 Resp: 116375
Ion Ratio Lower Upper
138 100
108 9.7 9.1 13.7
92 115.4 93.8 140.6

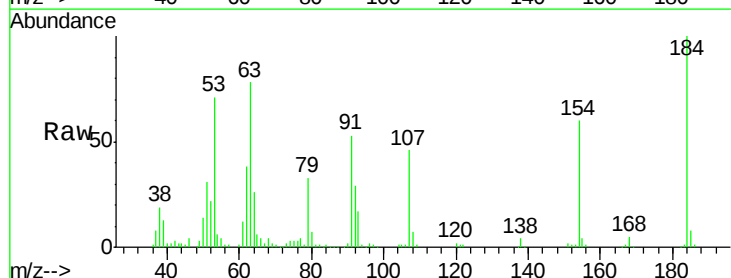


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

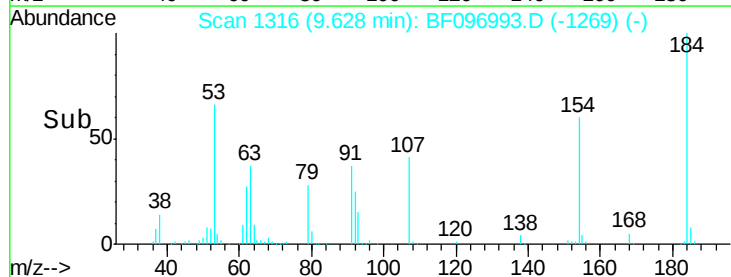
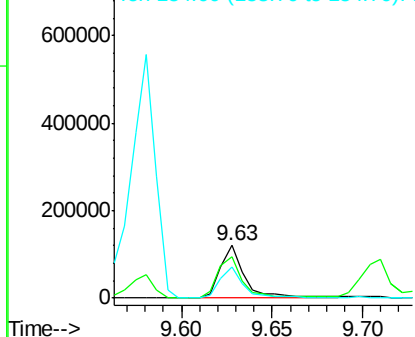


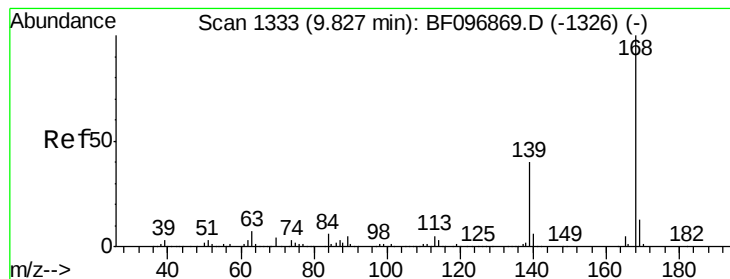
#53
2,4-Dinitrophenol
Concen: 58.26 ng
RT: 9.63 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:184 Resp: 115116
Ion Ratio Lower Upper
184 100
63 78.0 62.7 94.1
154 60.1 81.1 121.7#



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





#54

Dibenzofuran

Concen: 37.25 ng

RT: 9.75 min Scan# 1337

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

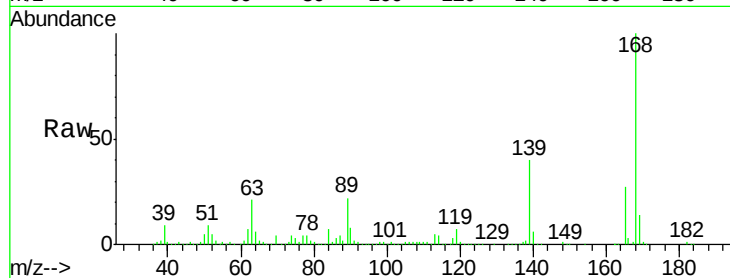
Tot Ion:168 Resp: 786174

Ion Ratio Lower Upper

168 100

139 39.9 30.6 45.8

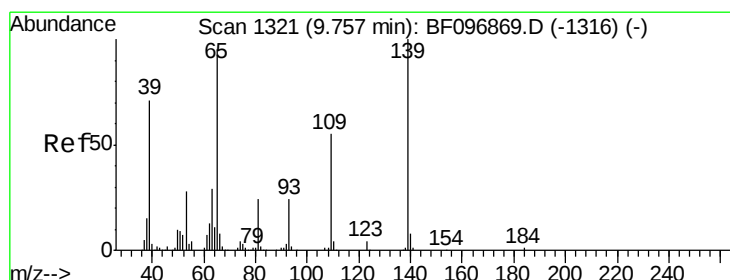
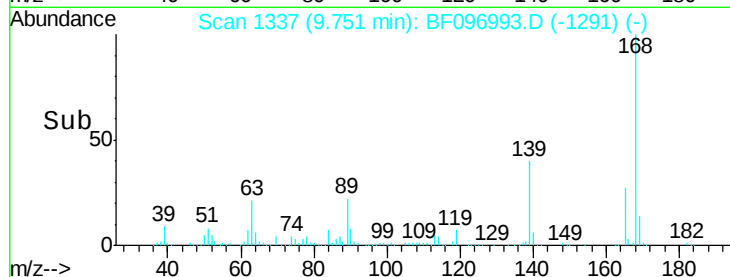
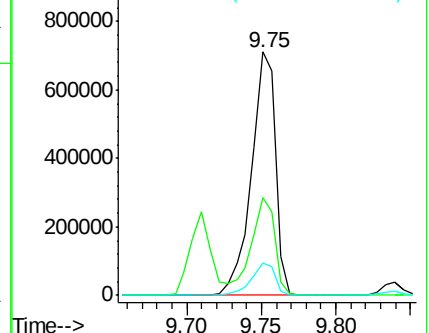
169 13.6 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 67.57 ng

RT: 9.71 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

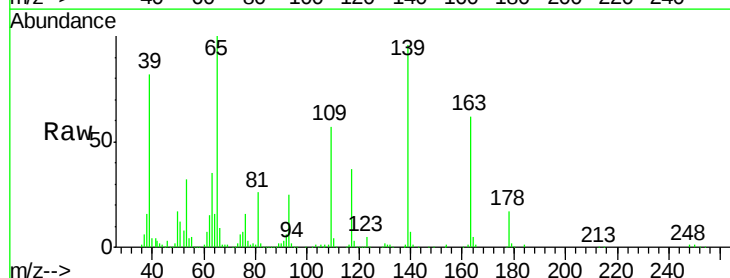
Tgt Ion:139 Resp: 241634

Ion Ratio Lower Upper

139 100

109 58.6 34.1 74.1

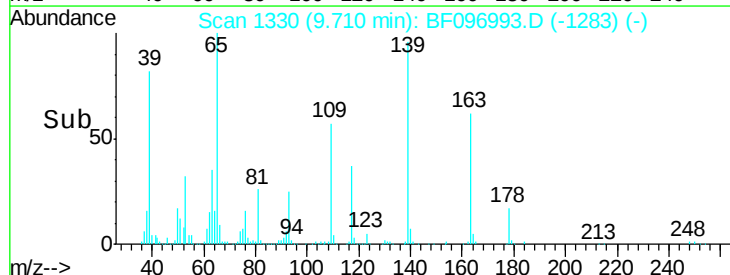
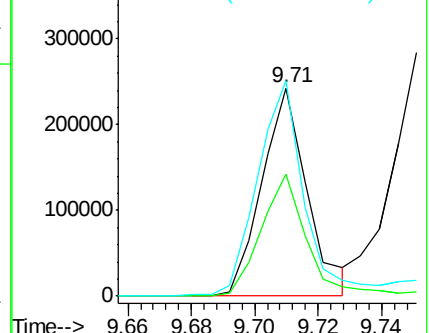
65 103.7 31.4 71.4#

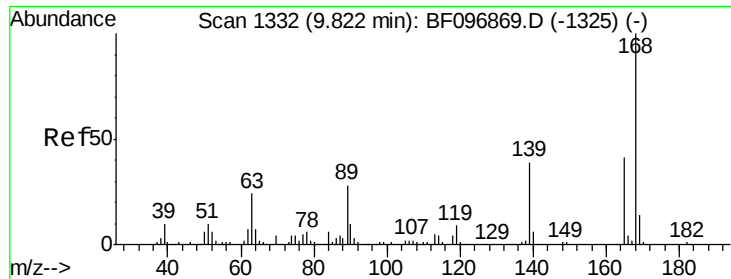


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

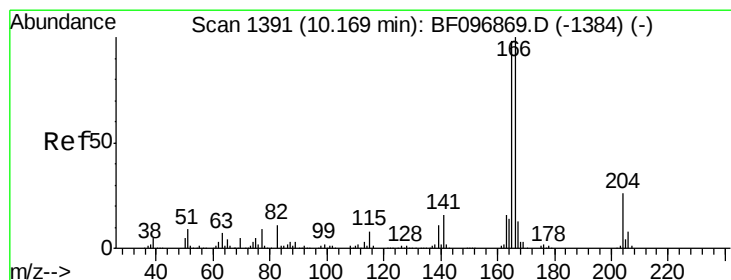
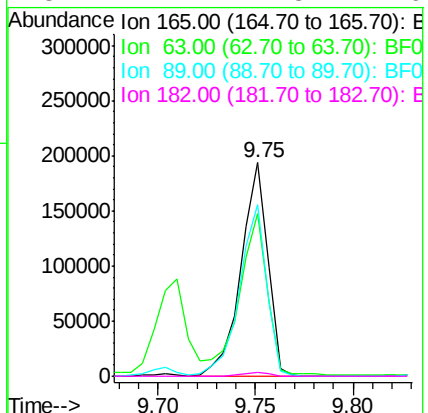
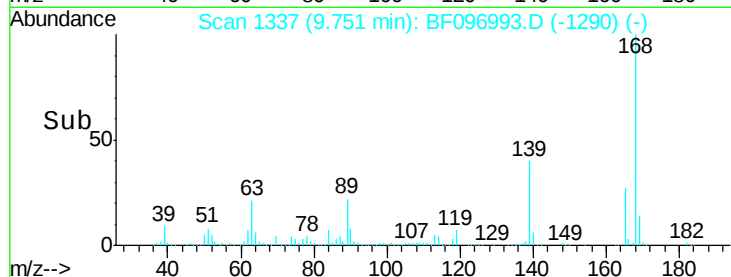
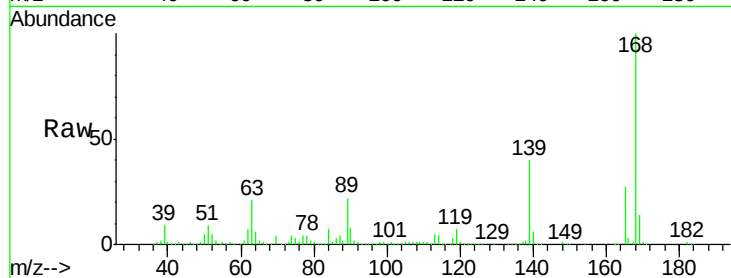




#56
2,4-Dinitrotoluene
Concen: 34.69 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

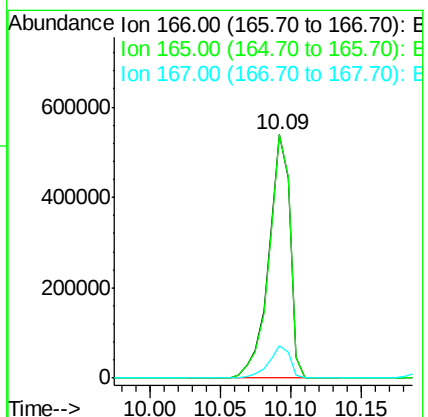
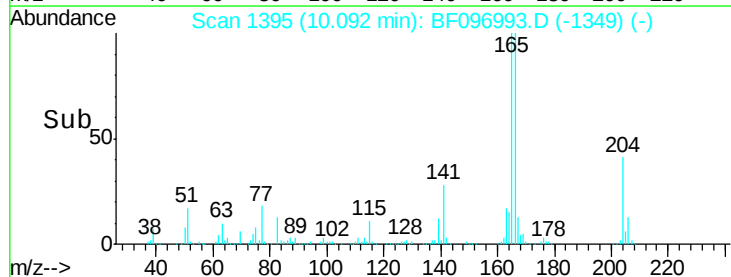
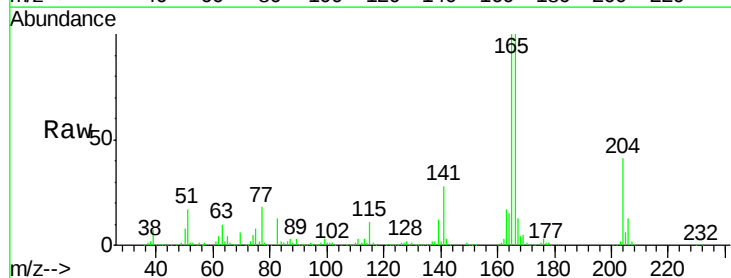
Instrument :
BNA_F
ClientSampleId :
PB100918BS

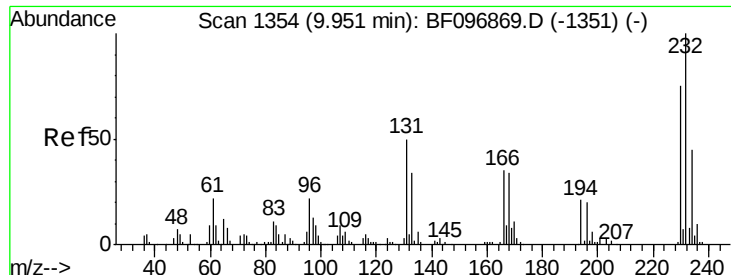
Tot Ion:165 Resp: 184183
Ion Ratio Lower Upper
165 100
63 76.1 25.4 38.0#
89 80.3 46.4 69.6#
182 2.1 1.8 2.6



#57
Fluorene
Concen: 36.63 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:166 Resp: 571319
Ion Ratio Lower Upper
166 100
165 100.0 78.8 118.2
167 13.3 10.6 16.0

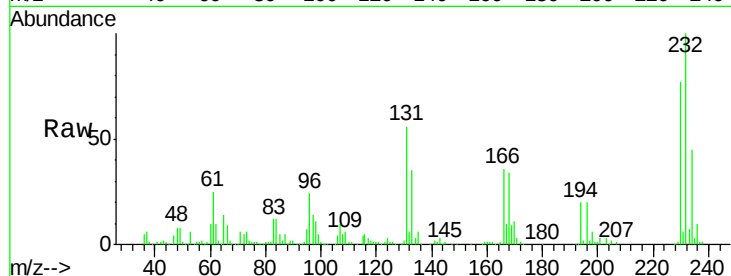




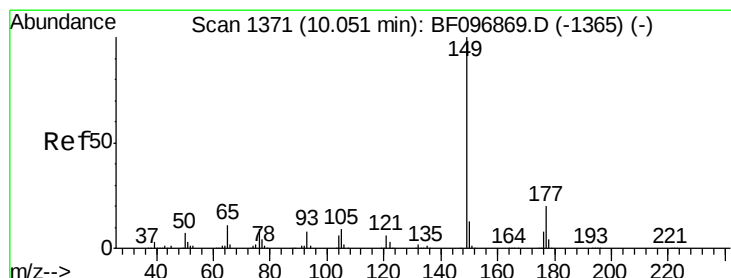
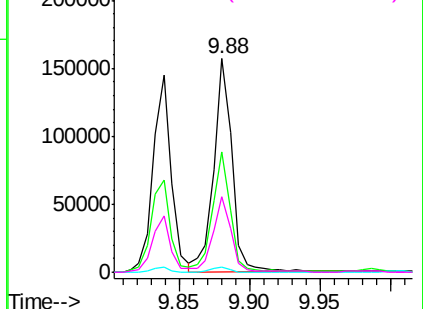
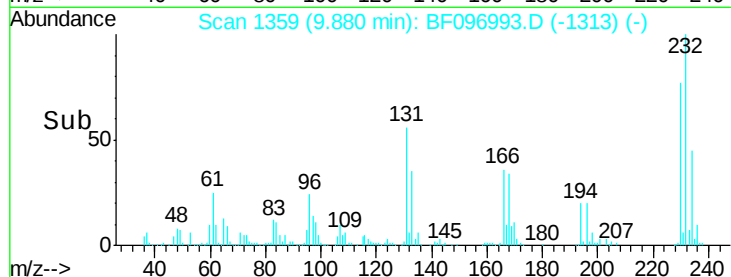
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.89 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB100918BS

Tot Ion:232 Resp: 140939
 Ion Ratio Lower Upper
 232 100
 131 56.9 44.8 67.2
 130 2.5 2.3 3.5
 166 35.3 29.0 43.4

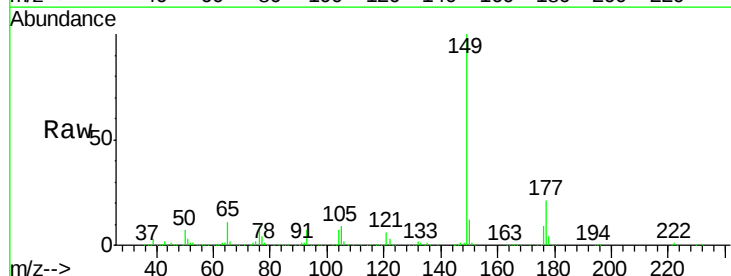


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

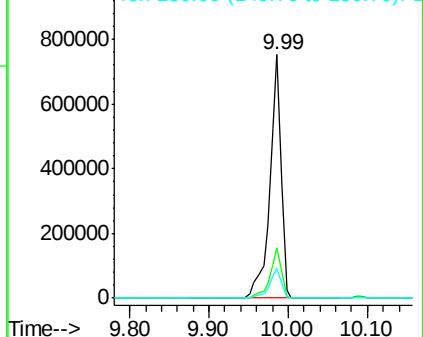
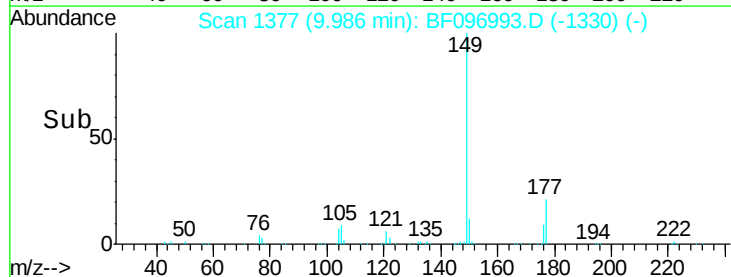


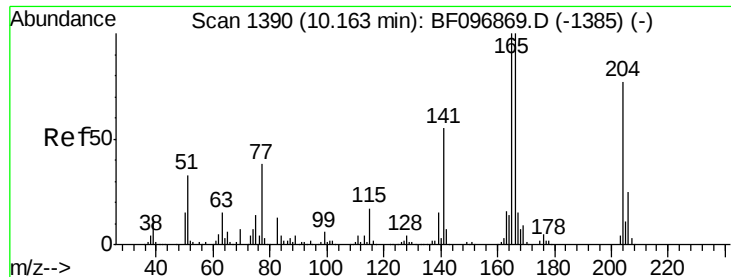
#59
 Diethylphthalate
 Concen: 40.75 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Tgt Ion:149 Resp: 756710
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.7 25.1
 150 12.5 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

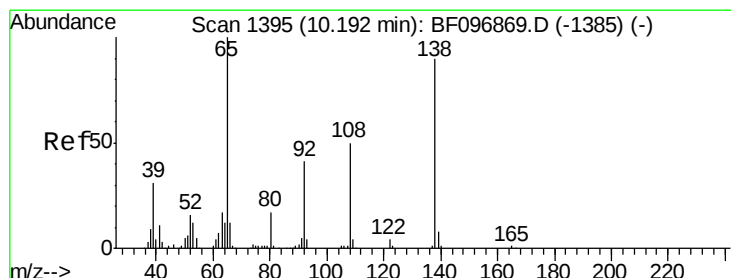
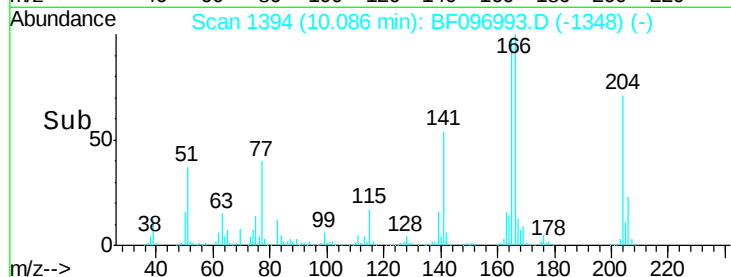
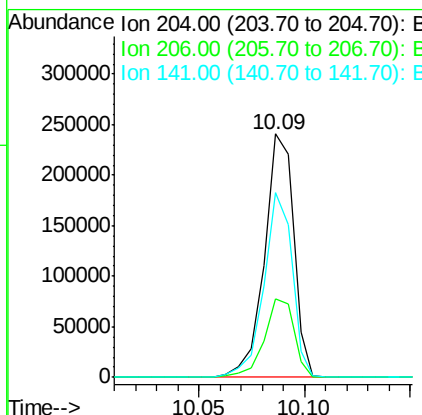
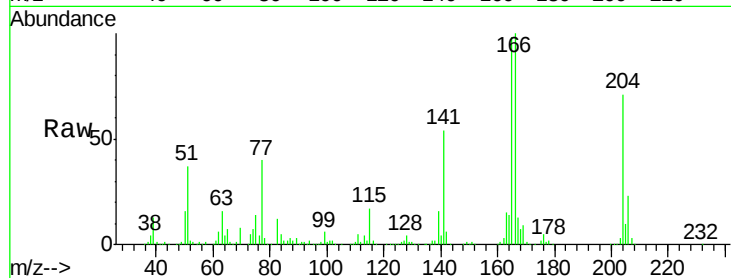




#60
4-Chlorophenyl-phenylether
Concen: 33.78 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

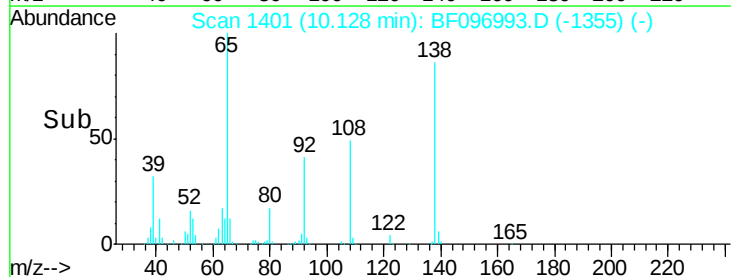
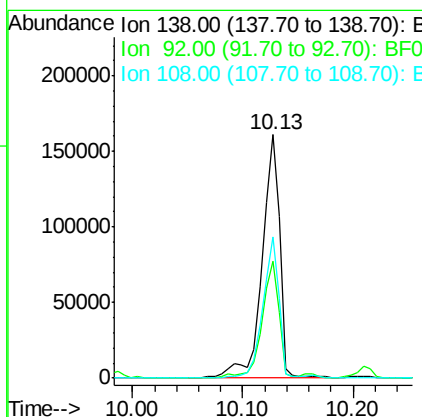
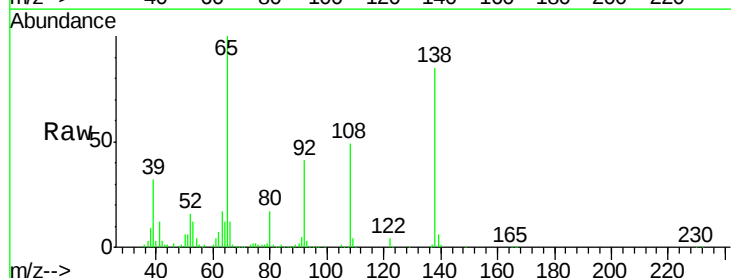
Instrument :
BNA_F
ClientSampleId :
PB100918BS

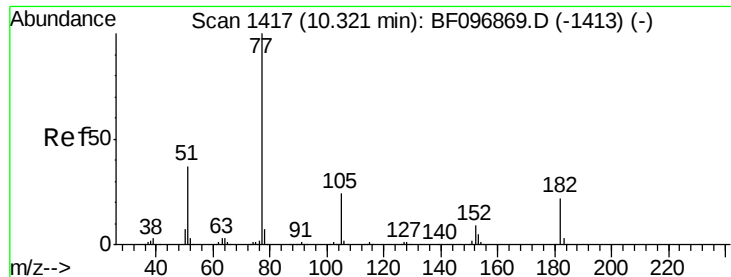
Tot Ion:204 Resp: 233283
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 76.0 60.8 91.2



#61
4-Nitroaniline
Concen: 39.43 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:138 Resp: 181231
Ion Ratio Lower Upper
138 100
92 48.3 21.8 61.8
108 57.8 42.3 82.3





#62

Azobenzene

Concen: 41.37 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

Tot Ion: 77 Resp: 677738

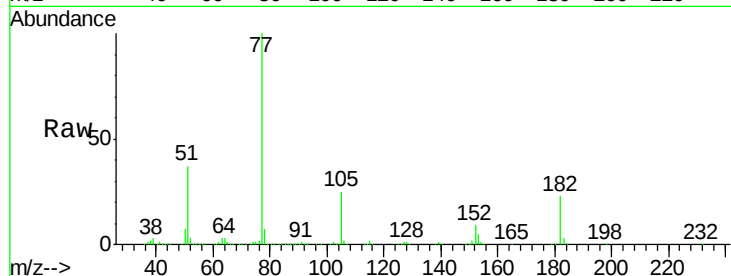
Ion Ratio Lower Upper

77 100

182 23.3 0.1 40.1

105 24.9 3.6 43.6

51 36.9 9.4 49.4

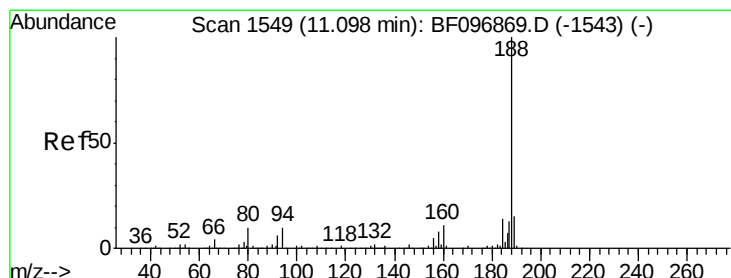
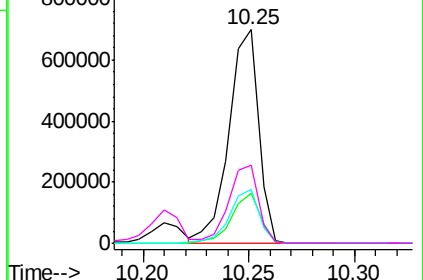
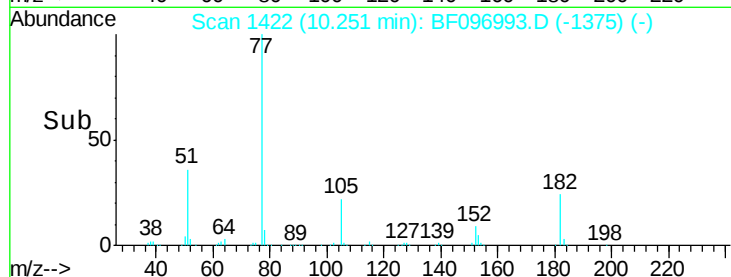


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 1553

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

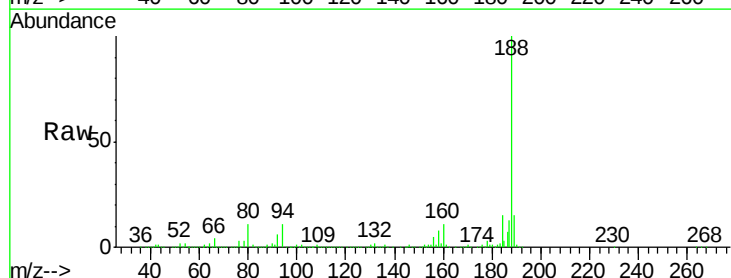
Tgt Ion: 188 Resp: 392462

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

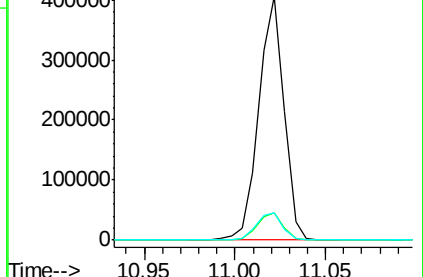
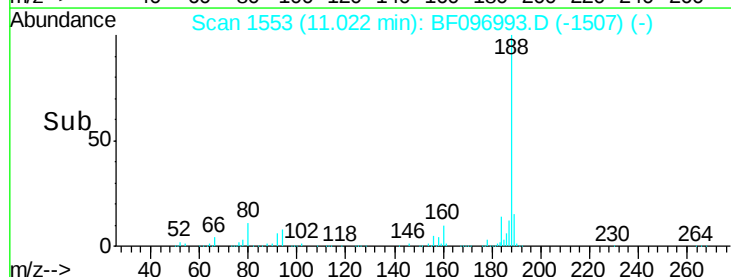
80 11.4 10.2 15.2

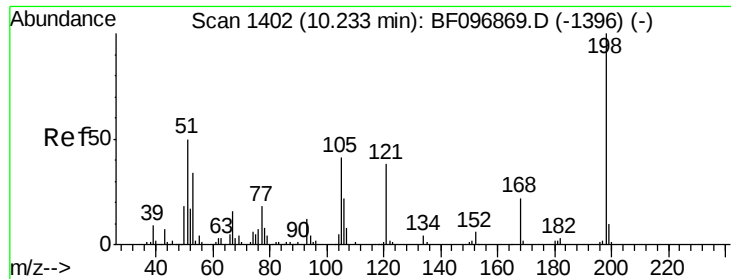


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 39.15 ng

RT: 10.16 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

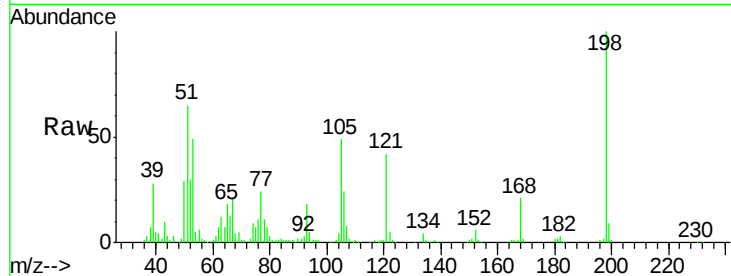
Tot Ion:198 Resp: 96470

Ion Ratio Lower Upper

198 100

51 65.2 53.2 93.2

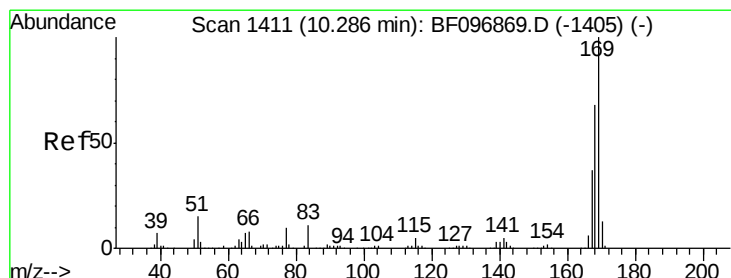
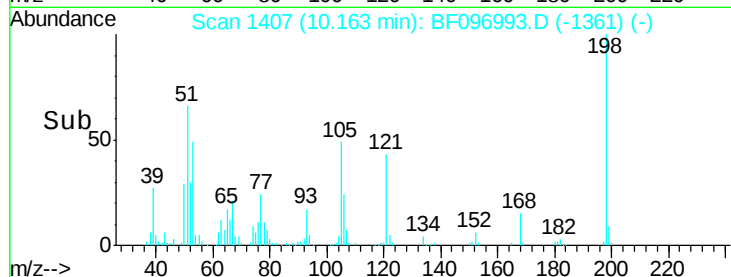
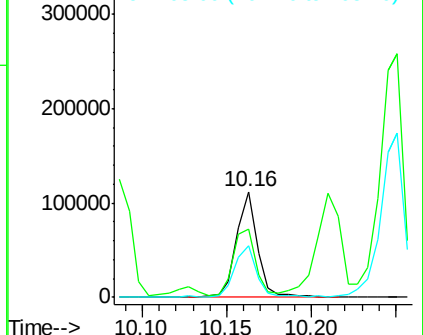
105 48.6 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.57 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

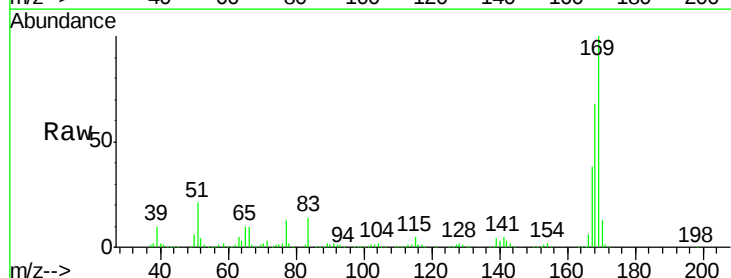
Tgt Ion:169 Resp: 555093

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

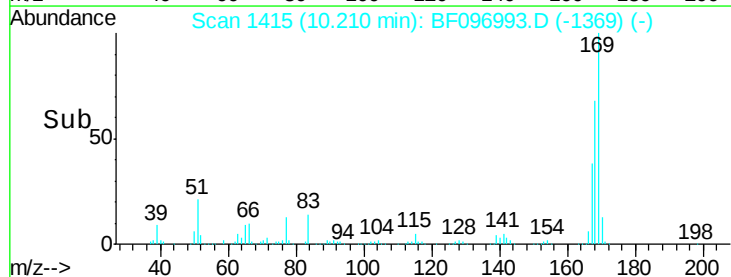
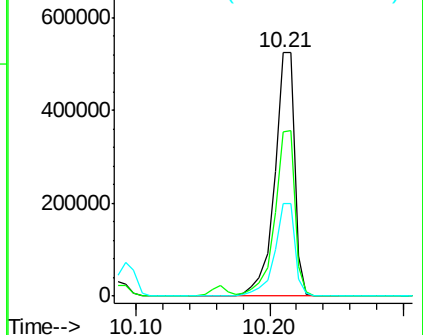
167 38.1 29.5 44.3

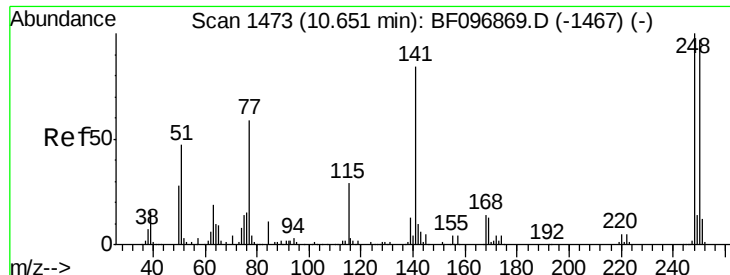


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

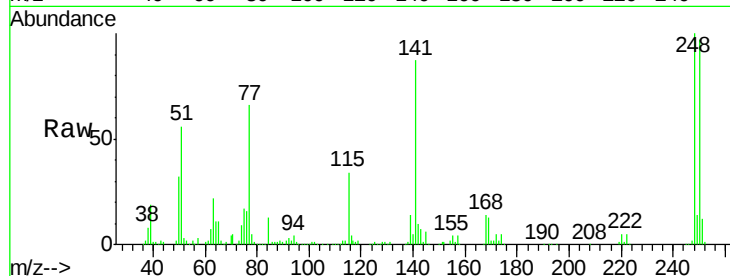




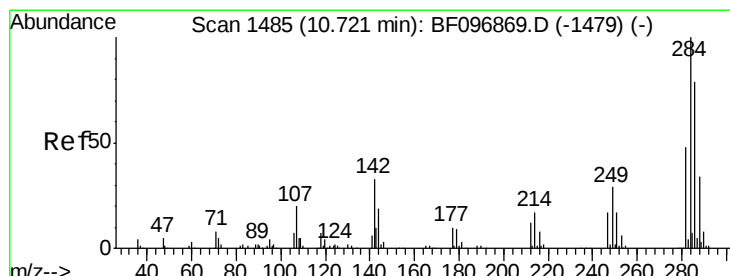
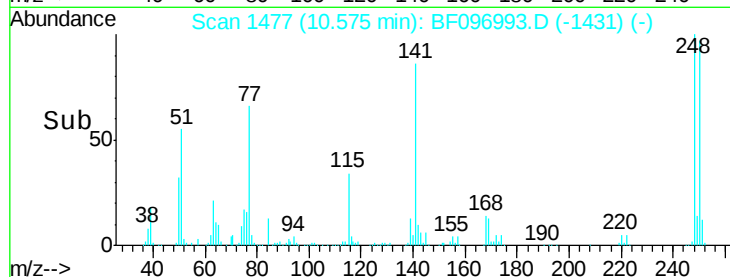
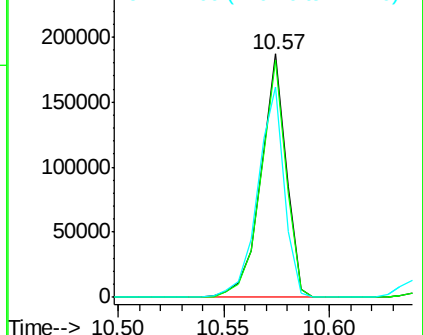
#66
4-Bromophenyl-phenylether
Concen: 39.19 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Instrument :
BNA_F
ClientSampled :
PB100918BS

Tot Ion:248 Resp: 157024
Ion Ratio Lower Upper
248 100
250 97.2 76.8 115.2
141 86.6 68.6 103.0

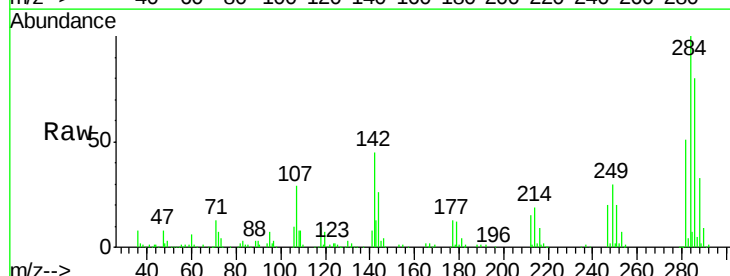


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

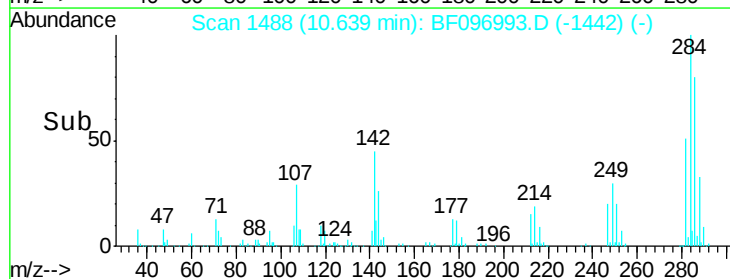
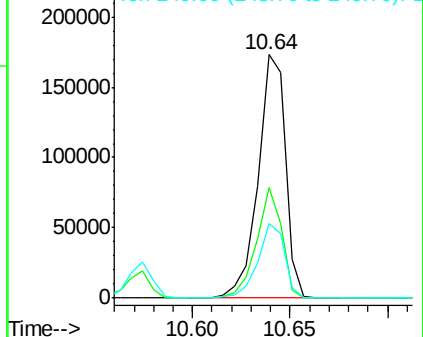


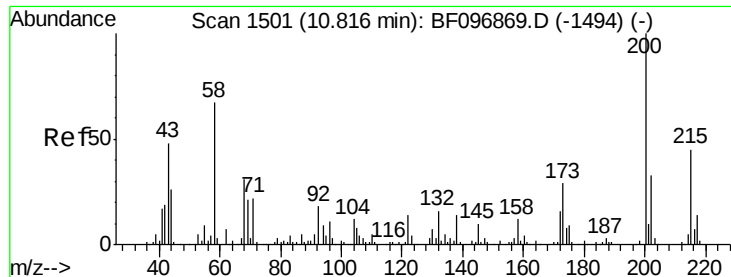
#67
Hexachlorobenzene
Concen: 37.69 ng
RT: 10.64 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:284 Resp: 168184
Ion Ratio Lower Upper
284 100
142 45.4 22.8 34.2#
249 30.4 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: 40.08 ng

RT: 10.75 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

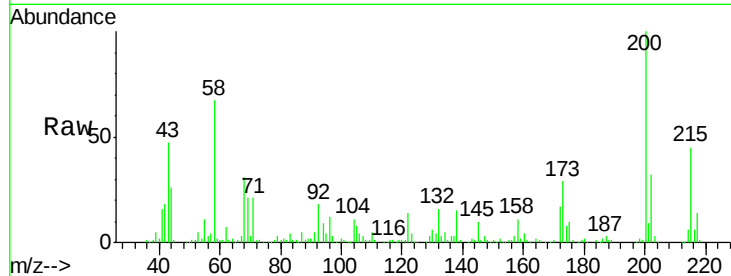
Tot Ion:200 Resp: 160210

Ion Ratio Lower Upper

200 100

173 29.0 6.3 46.3

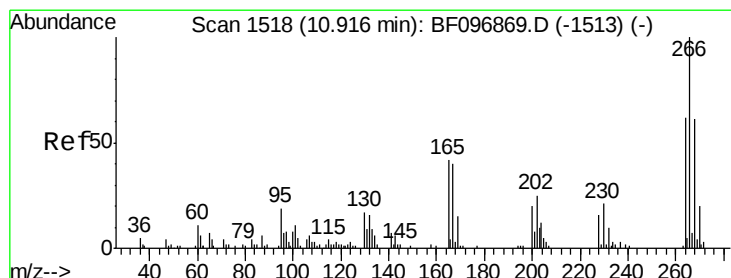
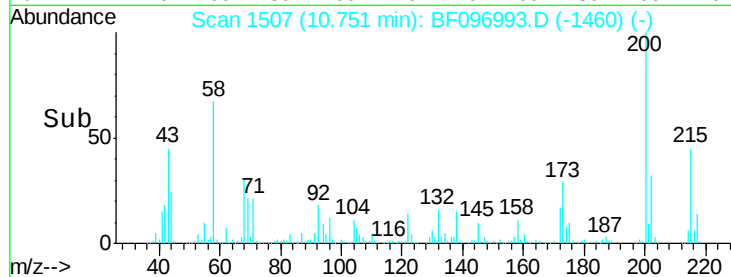
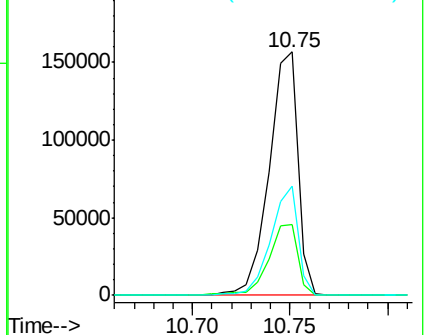
215 44.6 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 62.84 ng

RT: 10.85 min Scan# 1523

Delta R.T. -0.02 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

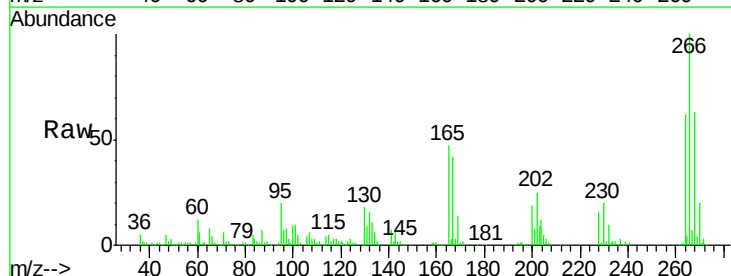
Tgt Ion:266 Resp: 135488

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

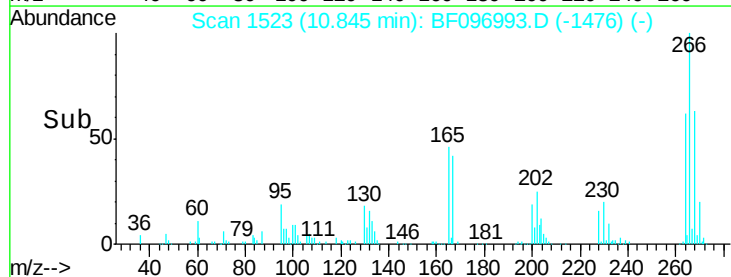
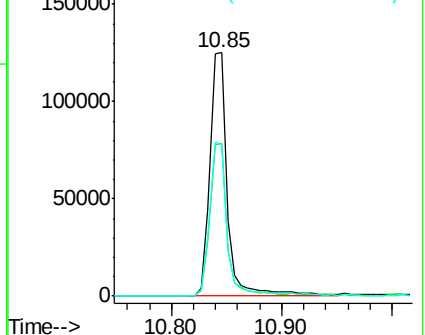
264 62.3 51.7 77.5

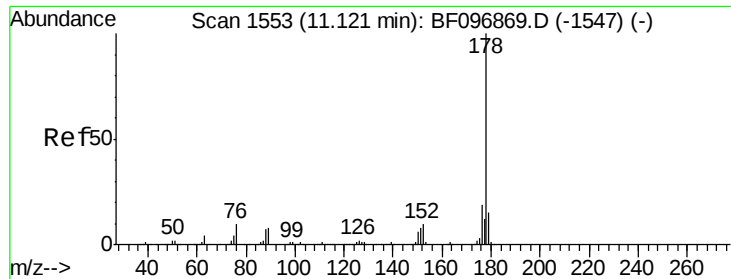


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

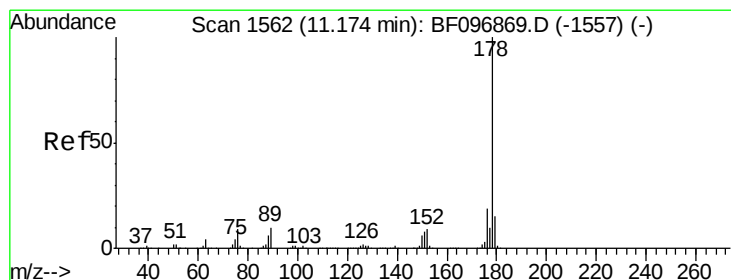
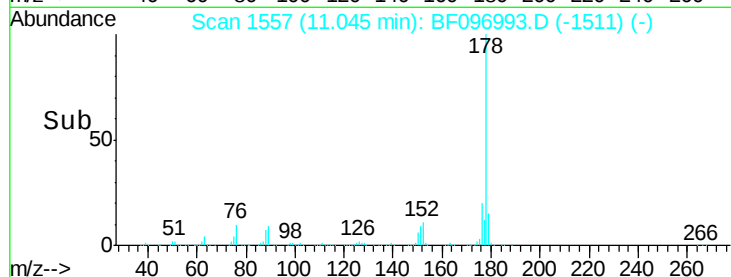
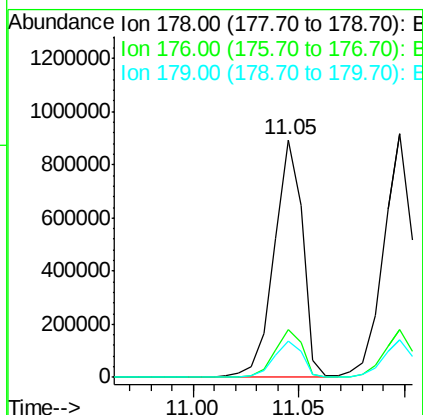
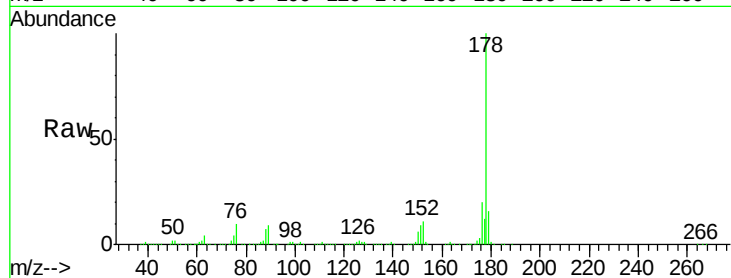




#70
Phenanthrene
Concen: 39.09 ng
RT: 11.05 min Scan# 1557
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

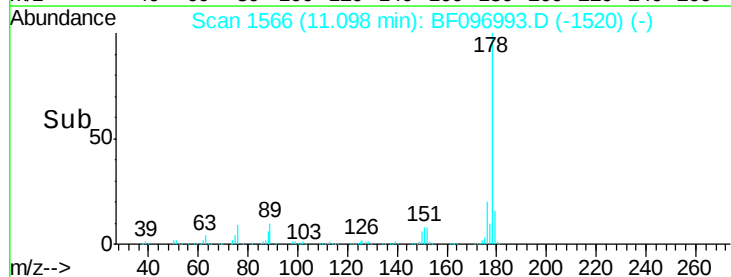
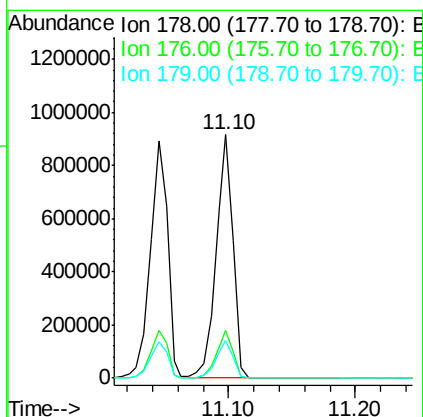
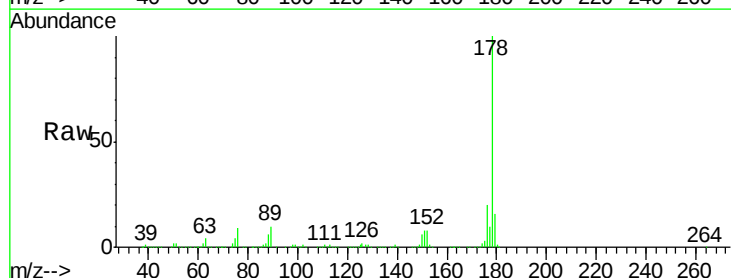
Instrument :
BNA_F
ClientSampleId :
PB100918BS

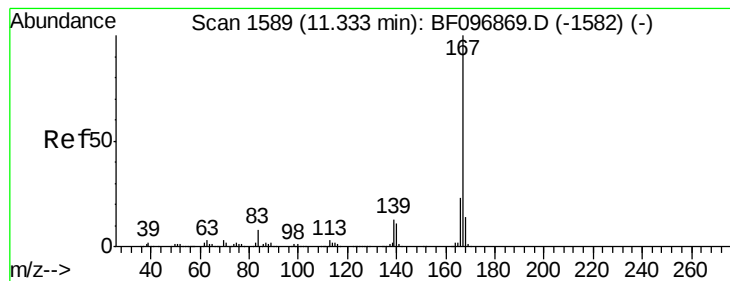
Tot Ion:178 Resp: 834193
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.5 12.6 19.0



#71
Anthracene
Concen: 39.61 ng
RT: 11.10 min Scan# 1566
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:178 Resp: 854512
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.5 12.7 19.1





#72

Carbazole

Concen: 39.22 ng

RT: 11.26 min Scan# 1593

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

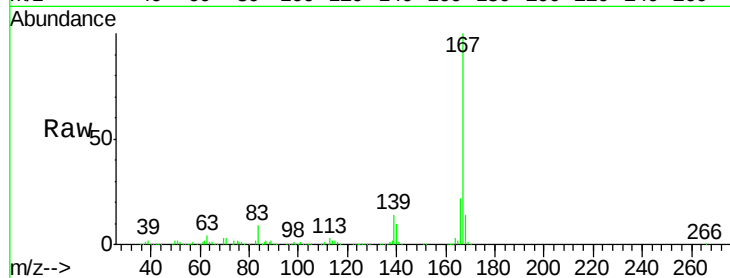
Tot Ion:167 Resp: 819410

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

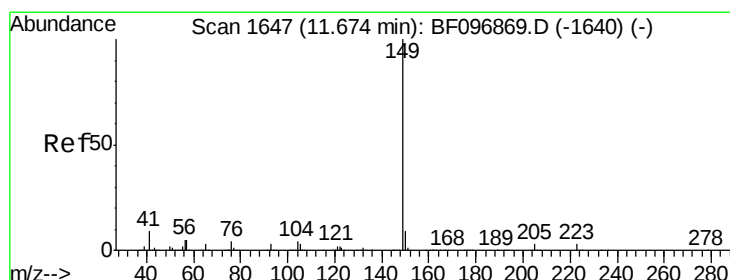
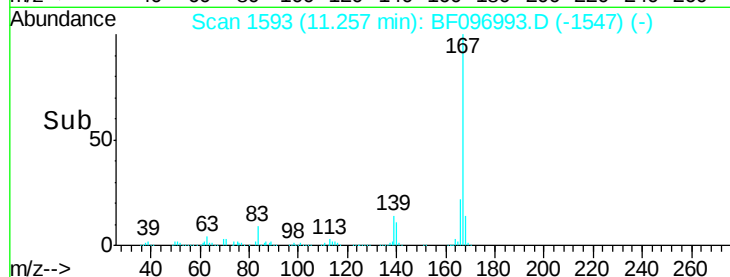
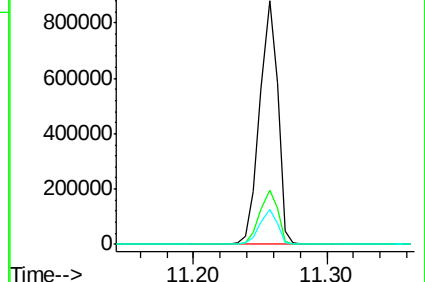
139 14.4 11.7 17.5



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: 39.25 ng

RT: 11.60 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

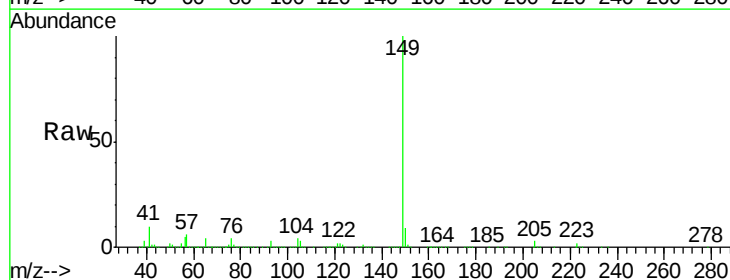
Tgt Ion:149 Resp: 1021393

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

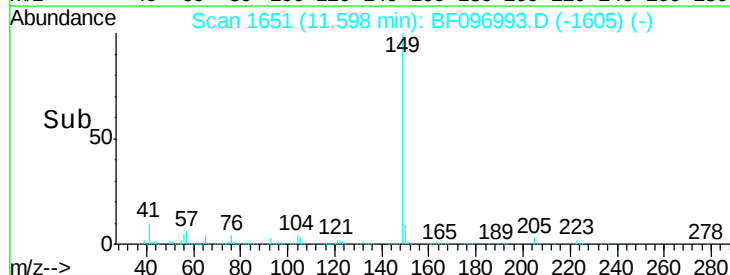
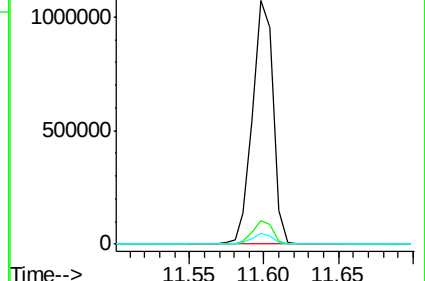
104 4.4 4.0 6.0

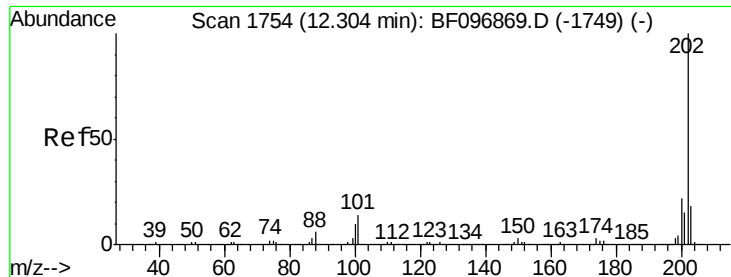


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

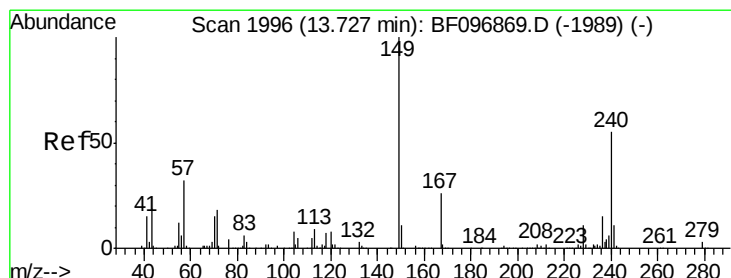
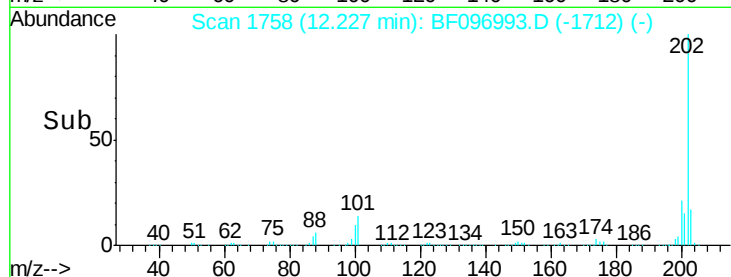
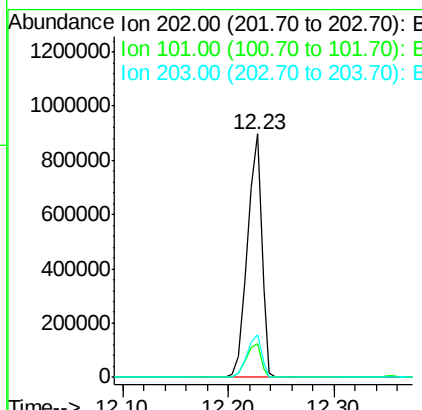
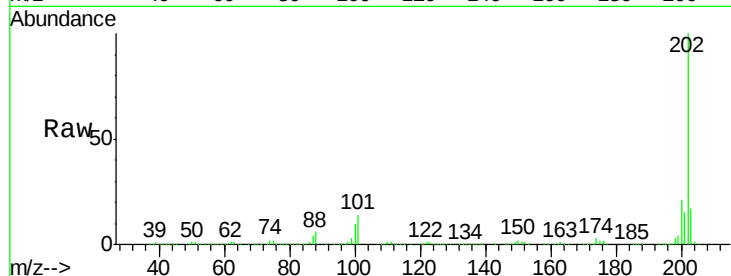




#74
 Fluoranthene
 Concen: 41.49 ng
 RT: 12.23 min Scan# 1758
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

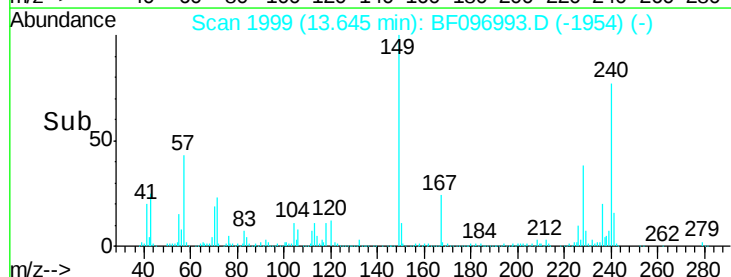
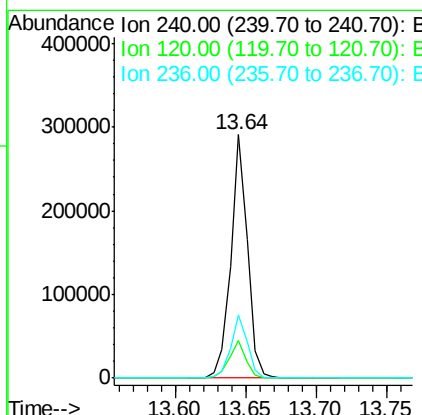
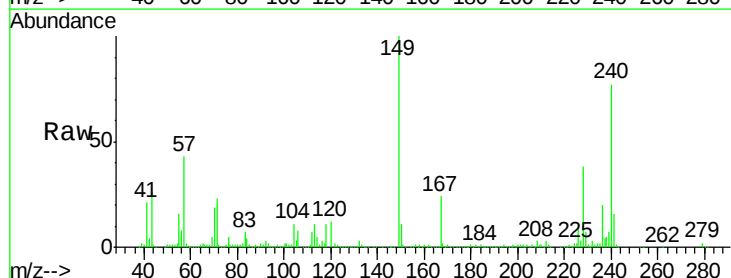
Instrument :
 BNA_F
 ClientSampleId :
 PB100918BS

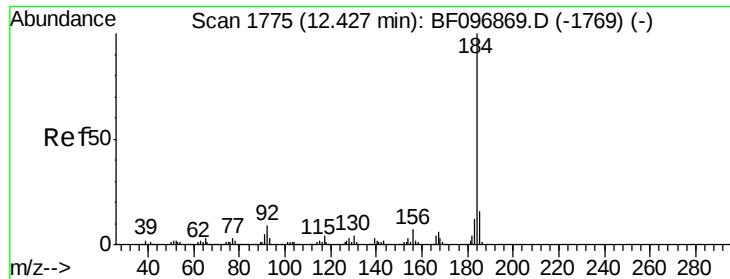
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	17.3	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.64 min Scan# 1999
 Delta R.T. -0.04 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	25.8	20.5	30.7

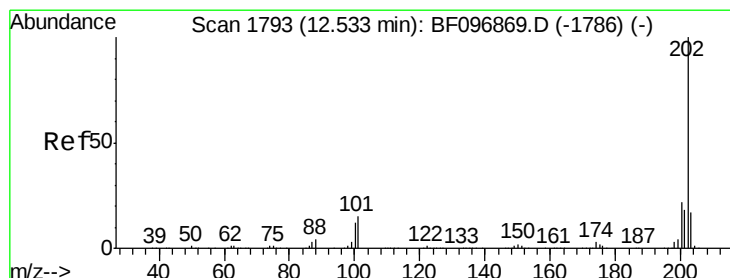
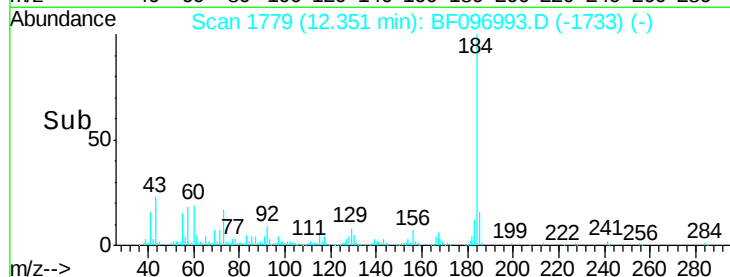
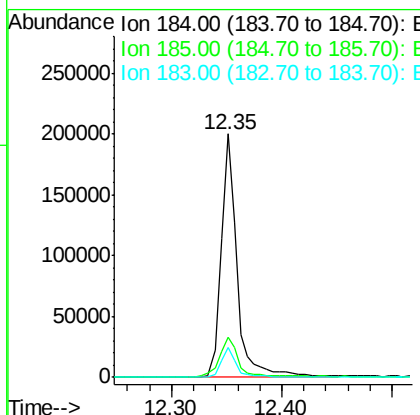
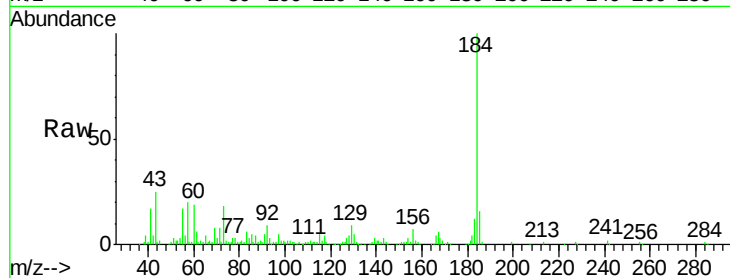




#76
Benzidine
Concen: 26.01 ng
RT: 12.35 min Scan# 1779
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

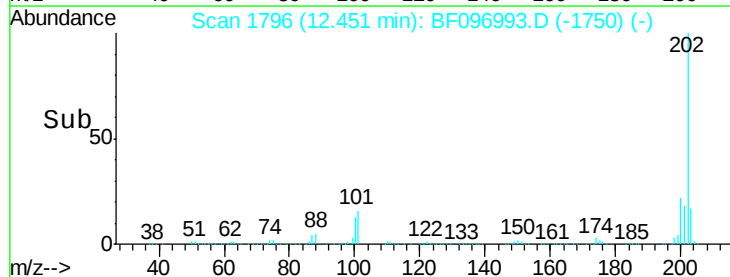
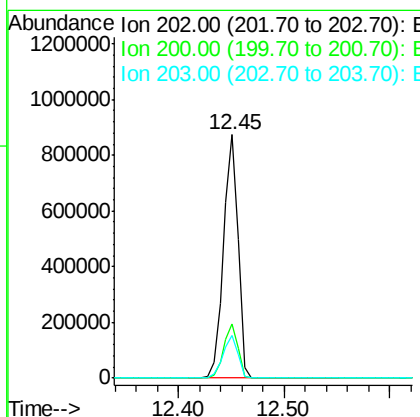
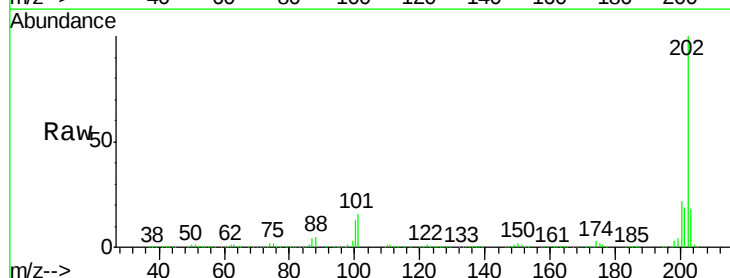
Instrument :
BNA_F
ClientSampleId :
PB100918BS

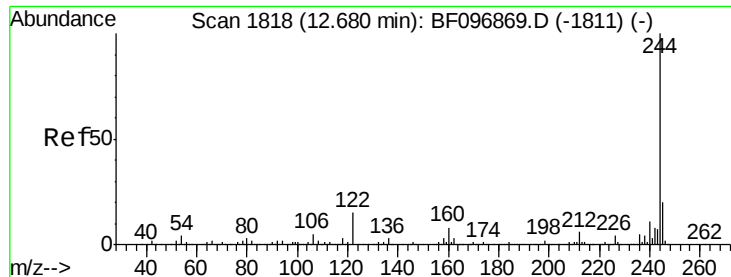
Tot Ion:184 Resp: 203133
Ion Ratio Lower Upper
184 100
185 16.5 15.5 23.3
183 12.5 9.8 14.6



#77
Pyrene
Concen: 38.95 ng
RT: 12.45 min Scan# 1796
Delta R.T. -0.03 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:202 Resp: 842782
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 17.6 14.4 21.6

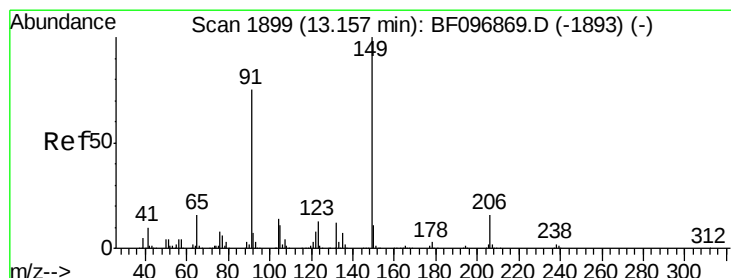
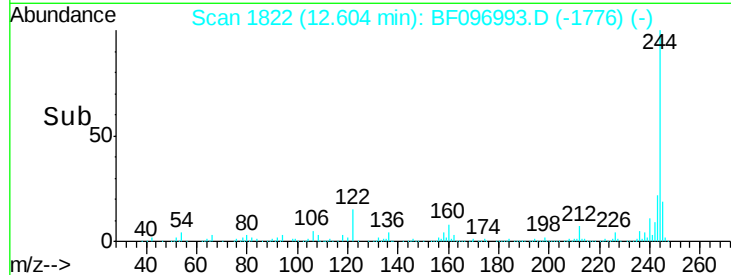
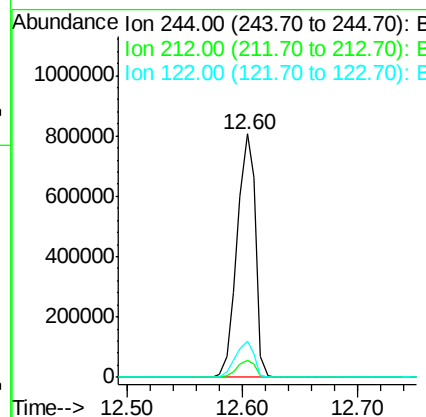
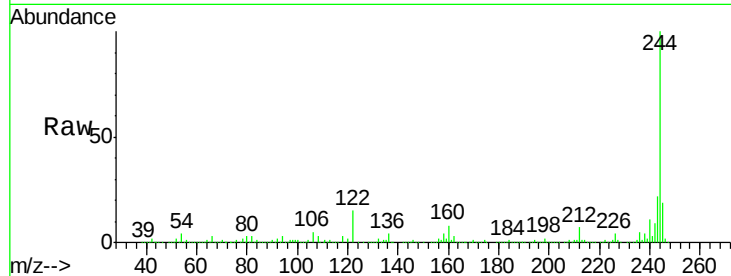




#78
 Terphenyl-d14
 Concen: 64.65 ng
 RT: 12.60 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

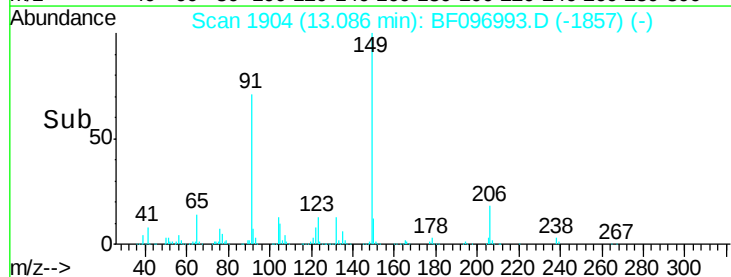
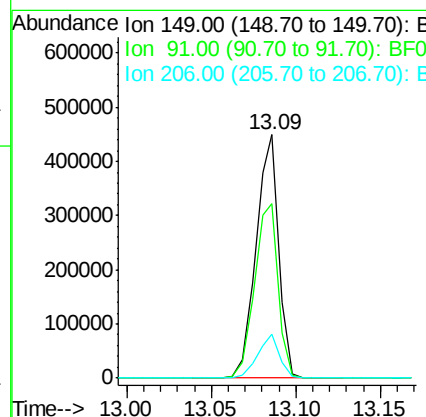
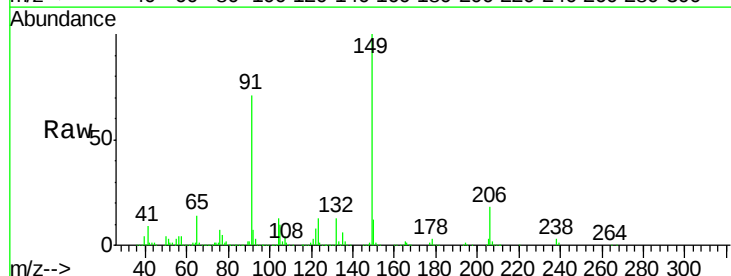
Instrument :
 BNA_F
 ClientSampleId :
 PB100918BS

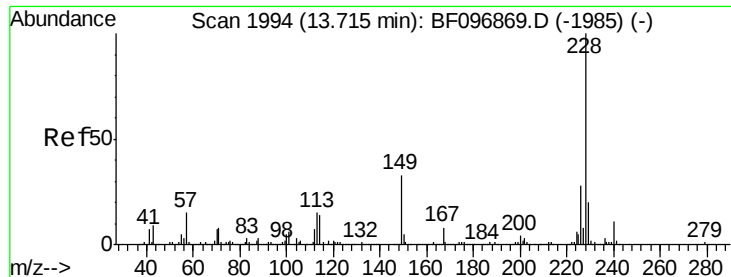
Tot Ion:244 Resp: 888721
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.7 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 41.02 ng
 RT: 13.09 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BF096993.D
 Acq: 24 Jul 2017 19:02

Tgt Ion:149 Resp: 421684
 Ion Ratio Lower Upper
 149 100
 91 71.4 45.0 67.4#
 206 17.9 17.0 25.6





#80

Benzo(a)anthracene

Concen: 42.19 ng

RT: 13.63 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

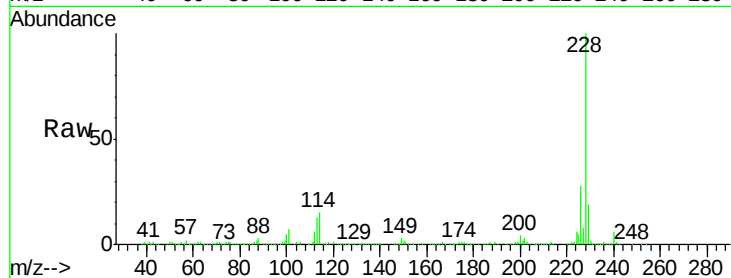
Tot Ion:228 Resp: 626680

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

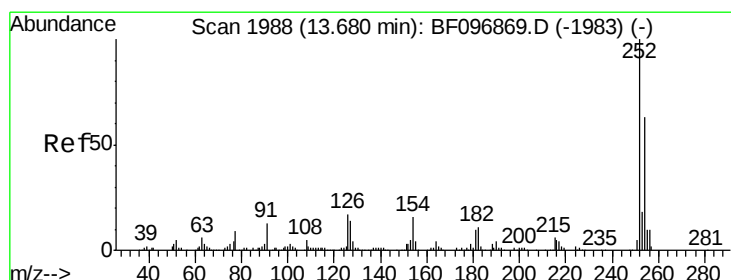
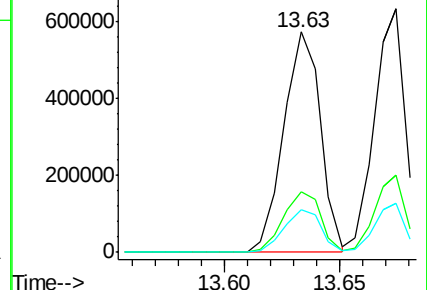
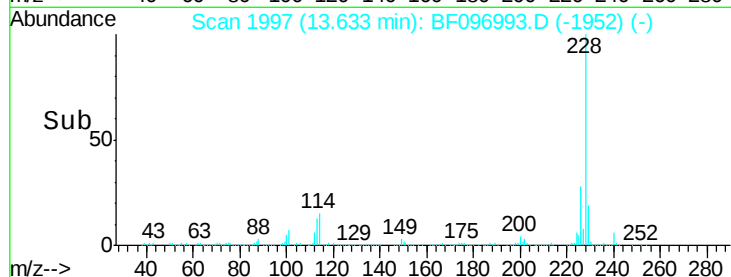
229 19.3 16.3 24.5



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: 24.20 ng

RT: 13.60 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

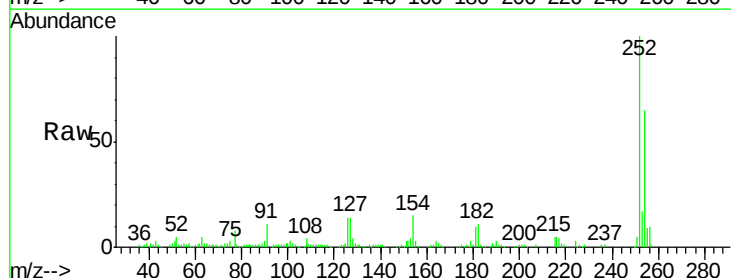
Tgt Ion:252 Resp: 129268

Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

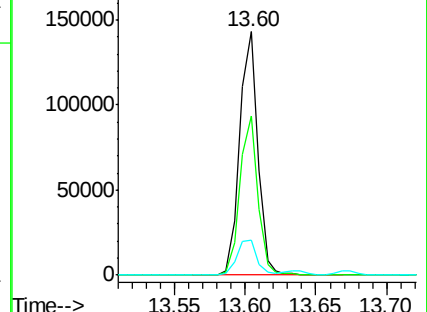
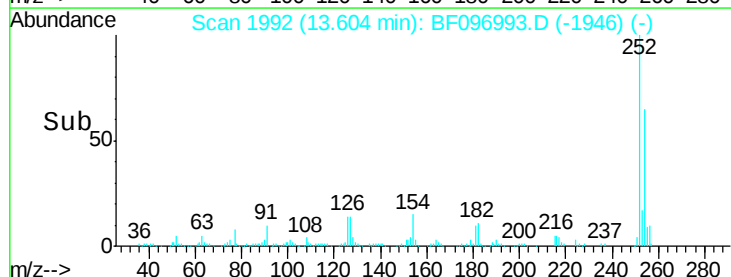
126 14.3 15.8 23.8#

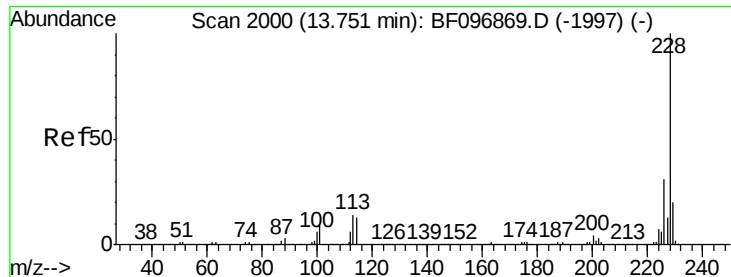


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.21 ng

RT: 13.67 min Scan# 2004

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

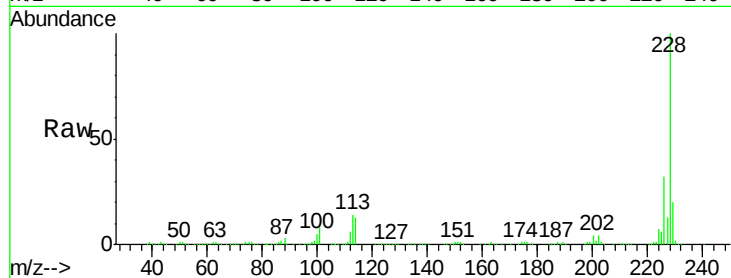
Tot Ion:228 Resp: 588011

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

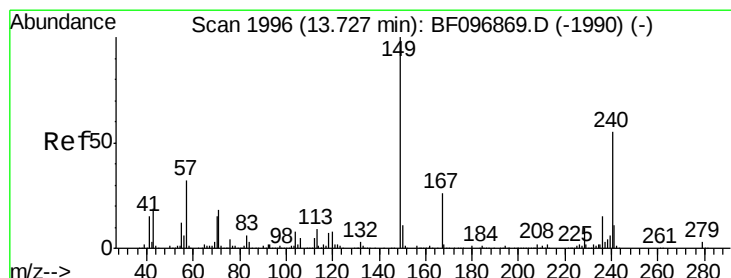
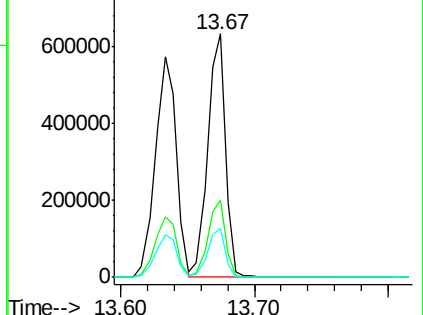
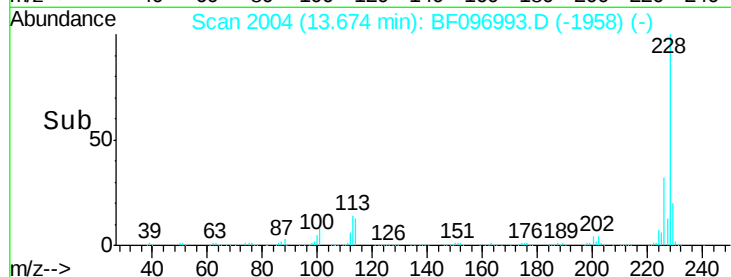
229 20.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.19 ng

RT: 13.65 min Scan# 2000

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

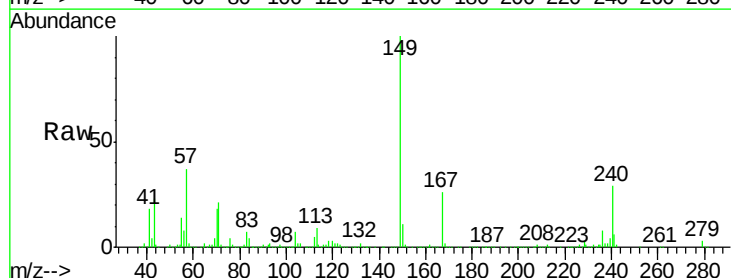
Tgt Ion:149 Resp: 503184

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

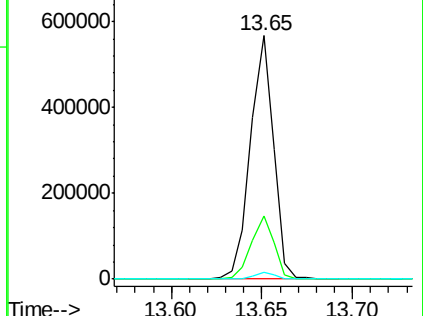
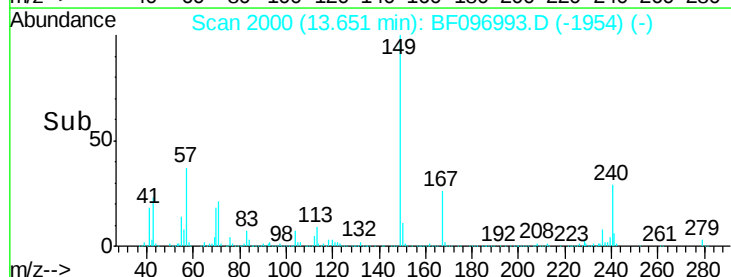
279 2.6 1.9 2.9

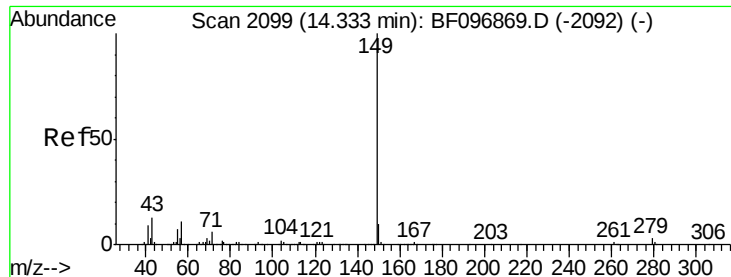


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 39.29 ng

RT: 14.26 min Scan# 2103

Delta R.T. -0.03 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

Instrument :

BNA_F

ClientSampleId :

PB100918BS

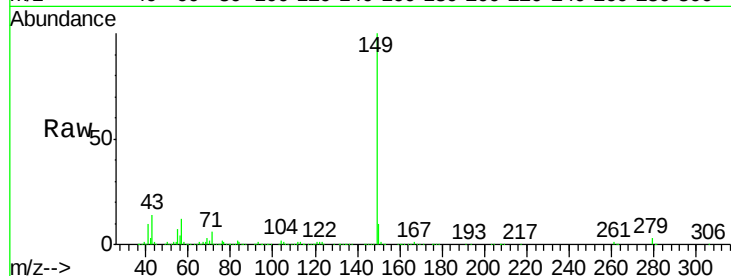
Tot Ion:149 Resp: 813210

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

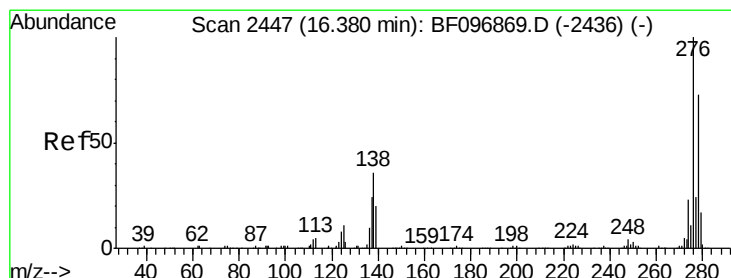
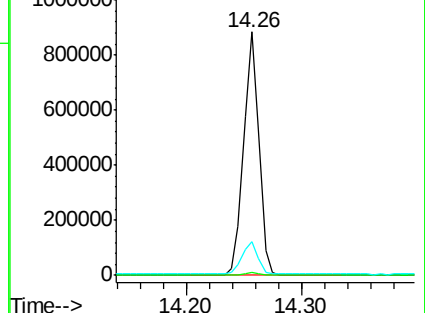
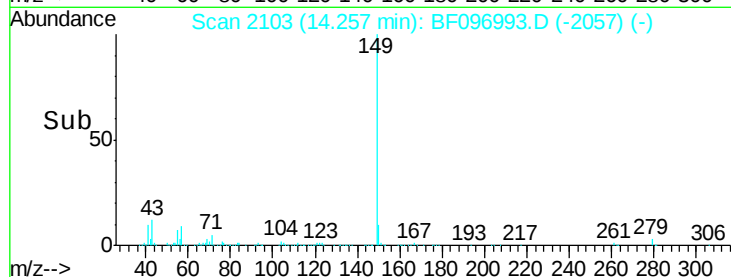
43 13.8 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.65 ng

RT: 16.23 min Scan# 2439

Delta R.T. -0.06 min

Lab File: BF096993.D

Acq: 24 Jul 2017 19:02

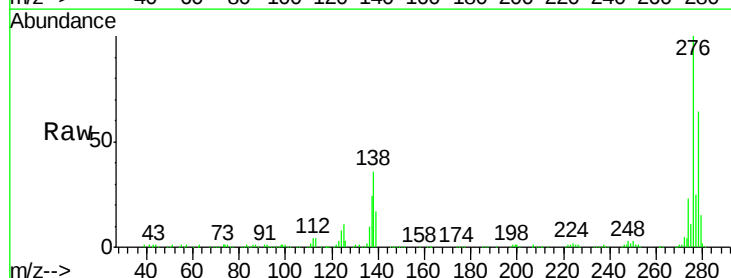
Tgt Ion:276 Resp: 461895

Ion Ratio Lower Upper

276 100

138 35.6 27.8 41.6

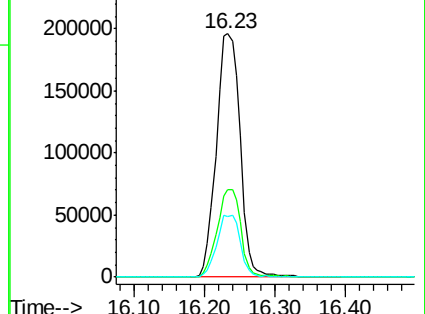
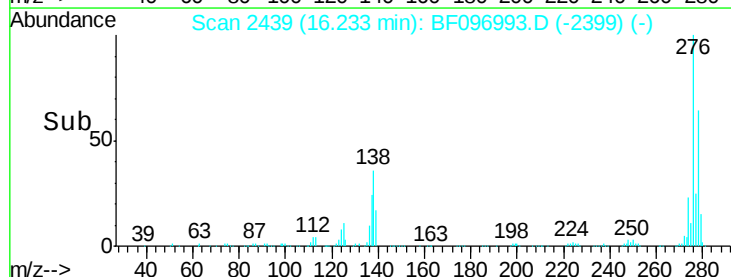
277 25.1 20.2 30.4

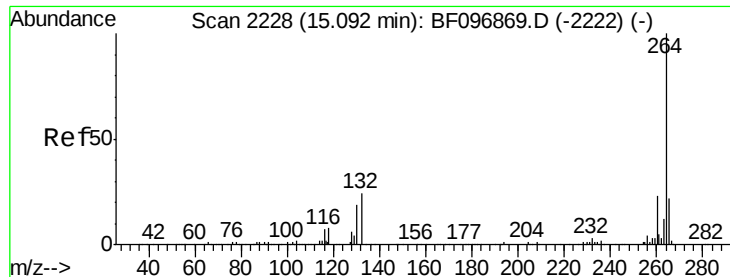


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



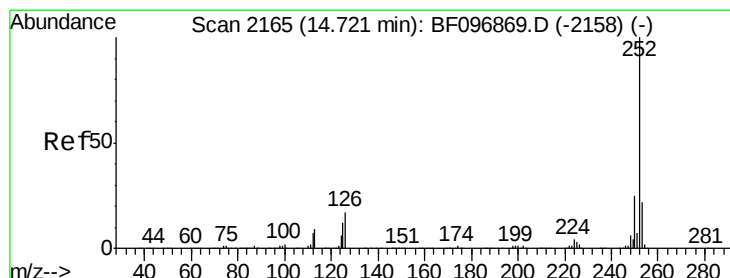
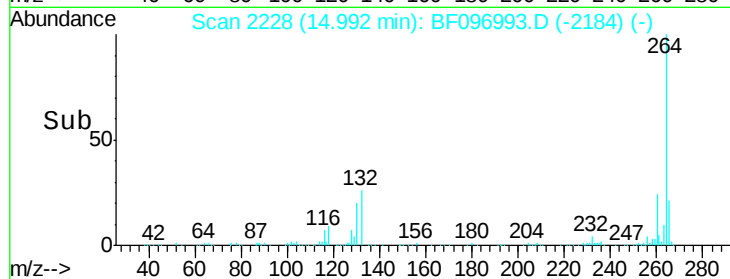
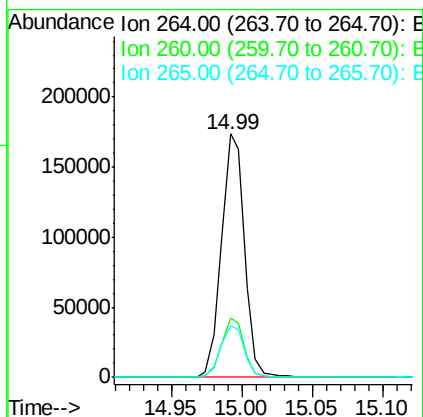
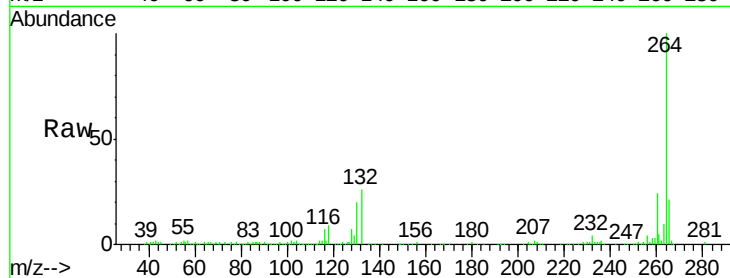


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 2228
Delta R.T. -0.04 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB100918BS

Tot Ion:264 Resp: 196622

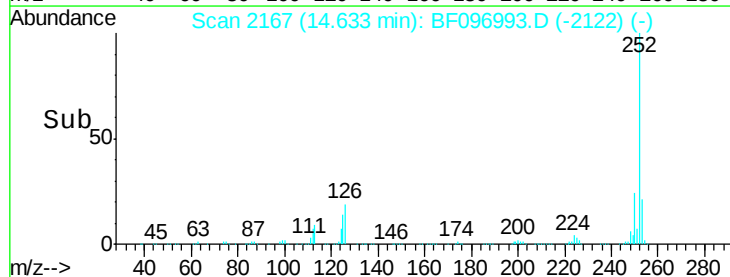
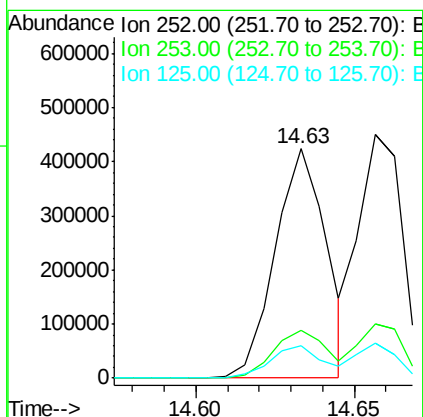
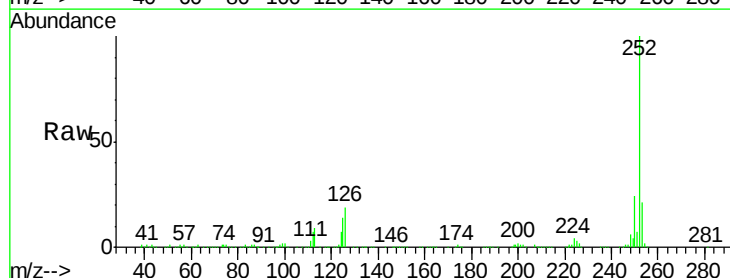
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.4	17.2	25.8

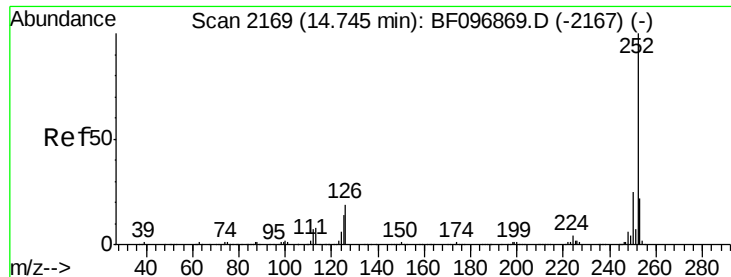


#87
Benzo(b)fluoranthene
Concen: 40.26 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:252 Resp: 477467

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	14.3	9.8	14.8

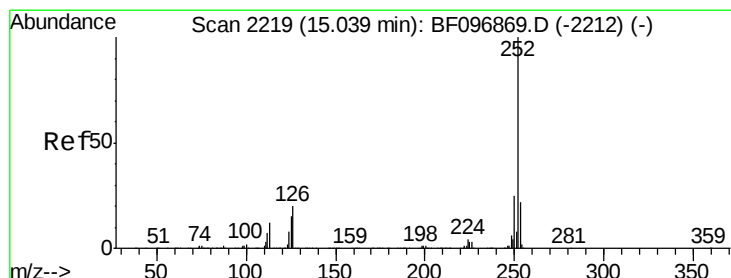
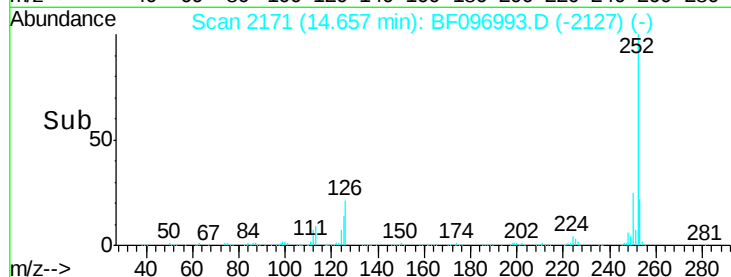
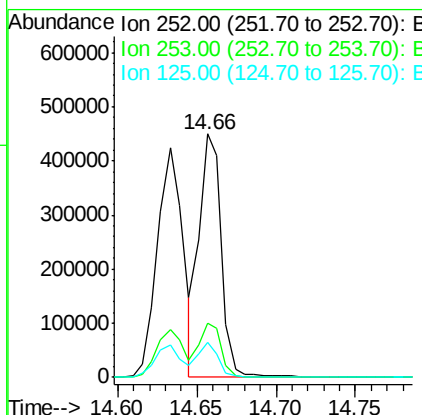
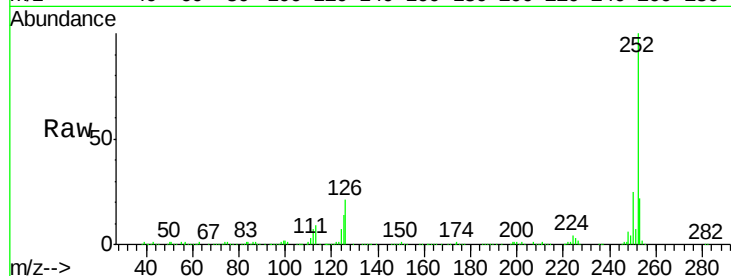




#88
Benzo(k)fluoranthene
Concen: 39.14 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

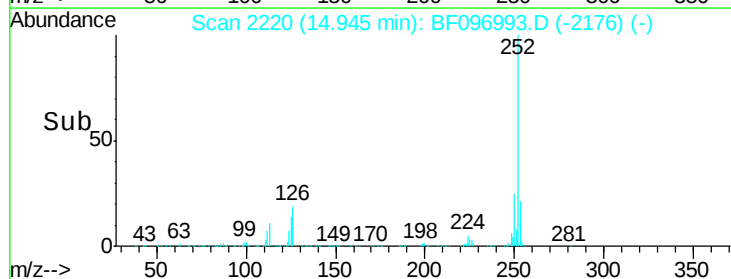
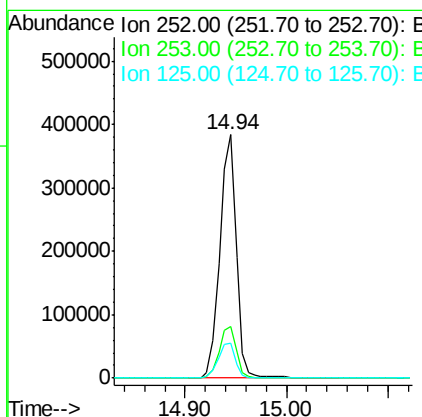
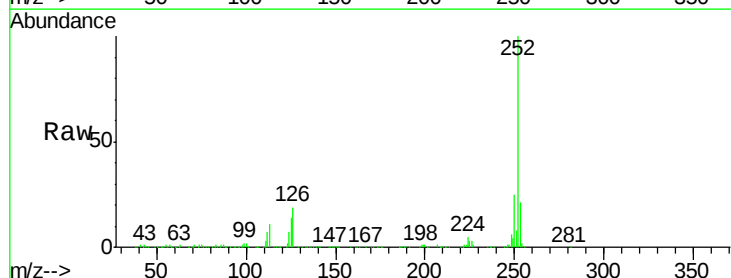
Instrument :
BNA_F
ClientSampleId :
PB100918BS

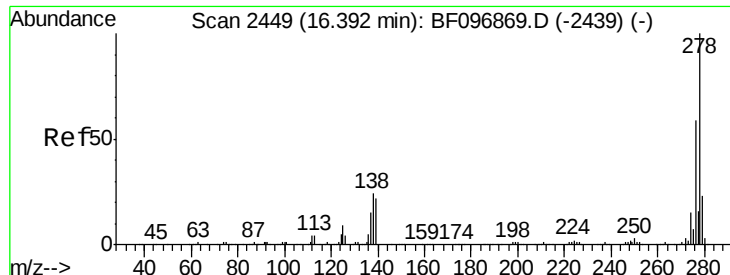
Tot Ion:252 Resp: 439571
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 14.3 13.1 19.7



#89
Benzo(a)pyrene
Concen: 39.88 ng
RT: 14.94 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:252 Resp: 433764
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 14.5 11.0 16.4



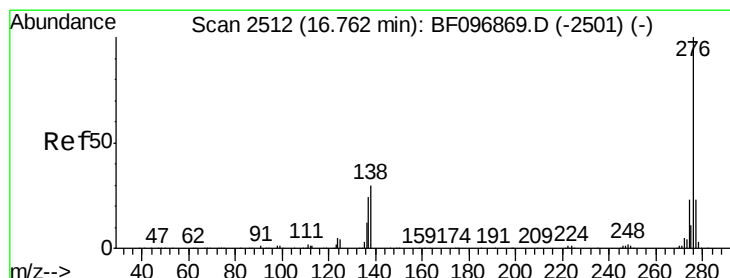
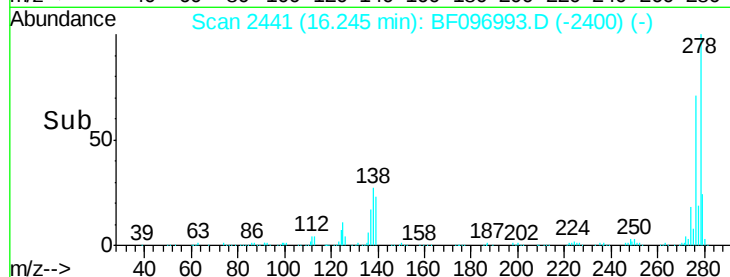
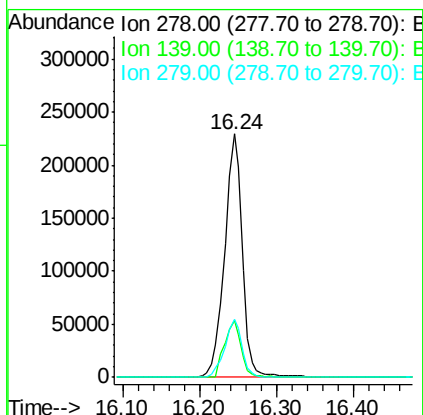
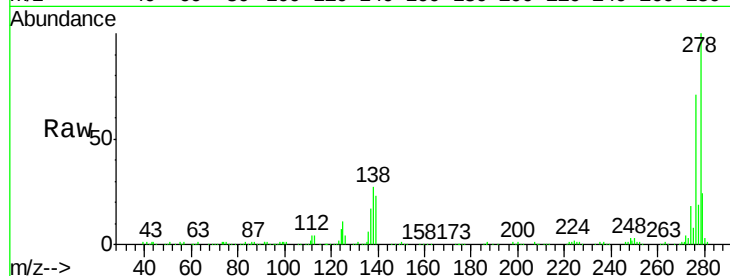


#90
Dibenzo(a,h)anthracene
Concen: 36.84 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.06 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Instrument :
BNA_F
ClientSampleId :
PB100918BS

Tot Ion:278 Resp: 368715

Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	23.9	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 40.03 ng
RT: 16.60 min Scan# 2502
Delta R.T. -0.06 min
Lab File: BF096993.D
Acq: 24 Jul 2017 19:02

Tgt Ion:276 Resp: 429052

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	31.0	25.4	38.0

