

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
 Data File : BF098646.D
 Acq On : 19 Sep 2017 17:33
 Operator : SJ/JU
 Sample : PB102449BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

Quant Time: Sep 20 01:20:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	121795	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	517742	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	259190	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	573350	20.00	ng	0.00
75) Chrysene-d12	13.79	240	585564	20.00	ng	0.00
86) Perylene-d12	15.18	264	541917	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1062568	128.99	ng	0.00
7) Phenol-d6	6.29	99	1240343	118.59	ng	0.00
23) Nitrobenzene-d5	7.20	82	833090	89.71	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	305737	176.74	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1620224	105.95	ng	0.00
78) Terphenyl-d14	12.74	244	1943244	71.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	130469	30.69	ng	# 88
3) Pyridine	2.97	79	326475	28.91	ng	# 79
4) n-Nitrosodimethylamine	2.93	42	182856	33.03	ng	# 83
6) Aniline	6.30	93	352200	26.84	ng	# 12
8) 2-Chlorophenol	6.42	128	367997	40.63	ng	# 99
9) Benzaldehyde	6.17	77	113364	16.58	ng	# 92
10) Phenol	6.30	94	452164	37.22	ng	# 85
11) bis(2-Chloroethyl)ether	6.37	93	322127	35.17	ng	# 98
12) 1,3-Dichlorobenzene	6.65	146	374058	41.03	ng	# 97
13) 1,4-Dichlorobenzene	6.65	146	374058	40.05	ng	# 96
14) 1,2-Dichlorobenzene	6.80	146	352504	41.43	ng	# 98
15) Benzyl Alcohol	6.79	79	335434	48.19	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.91	45	524522	34.80	ng	# 10
17) 2-Methylphenol	6.91	107	325038	44.01	ng	# 87
18) Hexachloroethane	7.13	117	139962	39.13	ng	# 88
19) n-Nitroso-di-n-propylamine	7.06	70	265093	40.29	ng	# 98
20) 3+4-Methylphenols	7.06	107	414341	44.45	ng	# 67
22) Acetophenone	7.05	105	527740	39.44	ng	# 90
24) Nitrobenzene	7.22	77	422448	39.94	ng	# 98
25) Isophorone	7.46	82	671432	35.73	ng	# 98
26) 2-Nitrophenol	7.54	139	191695	44.88	ng	# 90
27) 2,4-Dimethylphenol	7.59	122	321551	39.49	ng	# 93
28) bis(2-Chloroethoxy)methane	7.67	93	422434	36.84	ng	# 100
29) 2,4-Dichlorophenol	7.79	162	311047	45.93	ng	# 97
30) 1,2,4-Trichlorobenzene	7.86	180	314497	42.69	ng	# 100
31) Naphthalene	7.93	128	1076244	42.05	ng	# 100
32) Benzoic acid	7.76	122	202992	38.96	ng	# 96
33) 4-Chloroaniline	7.99	127	219881	21.14	ng	# 98
34) Hexachlorobutadiene	8.05	225	172652	45.66	ng	# 99
35) Caprolactam	8.39	113	59224	25.36	ng	# 79
36) 4-Chloro-3-methylphenol	8.50	107	429882	51.19	ng	# 83
37) 2-Methylnaphthalene	8.63	142	783892	50.56	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	354907	43.96	ng	# 100
40) Hexachlorocyclopentadiene	8.77	237	202711	85.03	ng	# 99

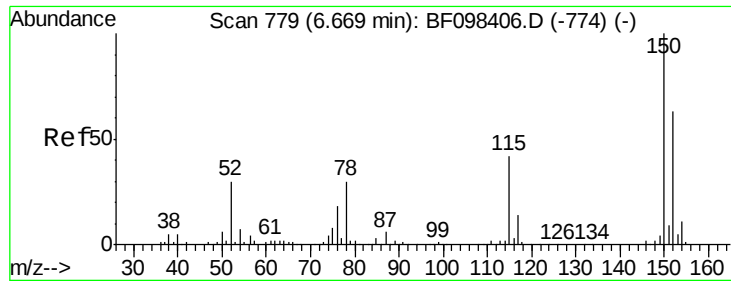
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	230325	48.57	nq	93
43) 2,4,5-Trichlorophenol	8.96	196	249686	50.37	nq	97
45) 1,1'-Biphenyl	9.09	154	998861	43.06	nq	98
46) 2-Chloronaphthalene	9.12	162	764695	46.15	nq	# 92
47) 2-Nitroaniline	9.23	65	302765	47.61	nq	97
48) Acenaphthylene	9.53	152	994524	40.37	nq	99
49) Dimethylphthalate	9.40	163	884164	44.07	nq	99
50) 2,6-Dinitrotoluene	9.47	165	195440	47.42	nq	# 67
51) Acenaphthene	9.70	154	636468	40.64	nq	98
52) 3-Nitroaniline	9.64	138	144257	29.00	nq	98
53) 2,4-Dinitrophenol	9.76	184	194580	97.76	nq	# 79
54) Dibenzofuran	9.87	168	945906	45.85	nq	97
55) 4-Nitrophenol	9.83	139	220838	77.26	nq	# 41
56) 2,4-Dinitrotoluene	9.88	165	264889	52.87	nq	# 69
57) Fluorene	10.22	166	769307	45.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	182459	54.77	nq	97
59) Diethylphthalate	10.10	149	891698	46.73	nq	98
60) 4-Chlorophenyl-phenylether	10.20	204	376053	47.68	nq	93
61) 4-Nitroaniline	10.27	138	213346	42.46	nq	81
62) Azobenzene	10.37	77	826677	40.20	nq	94
64) 4,6-Dinitro-2-methylphenol	10.30	198	152181	43.76	nq	# 70
65) n-Nitrosodiphenylamine	10.33	169	735022	39.48	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	232553	42.74	nq	96
67) Hexachlorobenzene	10.76	284	226621	41.06	nq	# 86
68) Atrazine	10.87	200	273567	47.73	nq	96
69) Pentachlorophenol	10.97	266	189413	77.74	nq	98
70) Phenanthrene	11.17	178	1288446	42.39	nq	100
71) Anthracene	11.23	178	1334606	42.77	nq	99
72) Carbazole	11.39	167	1220339	41.96	nq	99
73) Di-n-butylphthalate	11.72	149	1551217	44.52	nq	99
74) Fluoranthene	12.36	202	1478017	48.57	nq	98
76) Benzidine	12.49	184	875115	33.77	nq	# 93
77) Pyrene	12.59	202	1551822	33.59	nq	99
79) Butylbenzylphthalate	13.21	149	847577	42.29	nq	# 83
80) Benzo(a)anthracene	13.78	228	1432563	41.73	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	295009	22.11	nq	# 95
82) Chrysene	13.82	228	1339376	38.60	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1099618	43.72	nq	# 99
84) Di-n-octyl phthalate	14.37	149	1721811	39.90	nq	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	1384014	56.85	nq	95
87) Benzo(b)fluoranthene	14.80	252	1427050	41.88	nq	99
88) Benzo(k)fluoranthene	14.83	252	1189514	37.39	nq	# 93
89) Benzo(a)pyrene	15.13	252	1257009	41.41	nq	99
90) Dibenzo(a,h)anthracene	16.54	278	1168563	52.92	nq	98
91) Benzo(g,h,i)perylene	16.93	276	1229531	55.36	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

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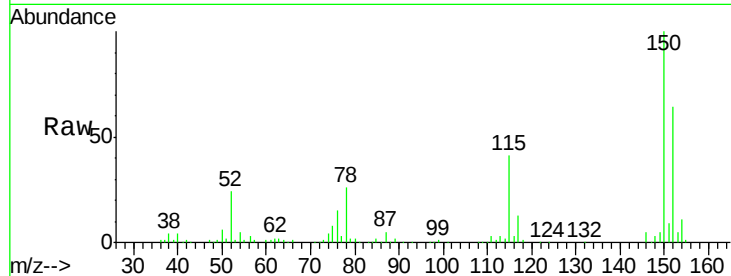
Tot Ion:152 Resp: 121795

Ion Ratio Lower Upper

152 100

150 156.6 126.2 189.2

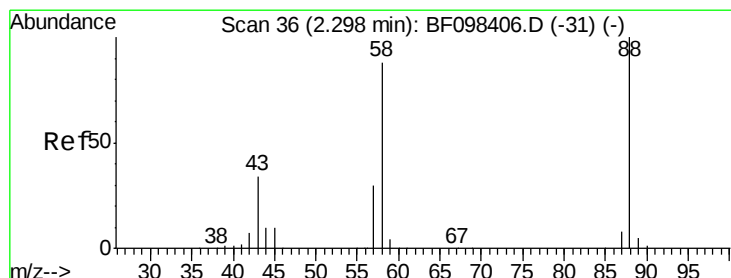
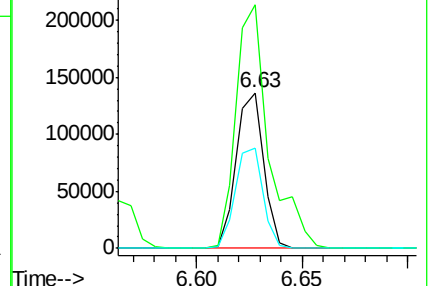
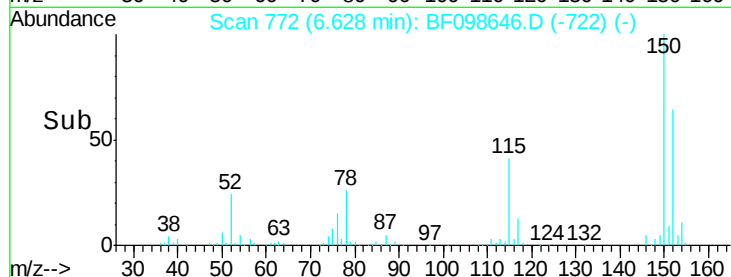
115 64.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.69 ng

RT: 2.30 min Scan# 36

Delta R.T. 0.06 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

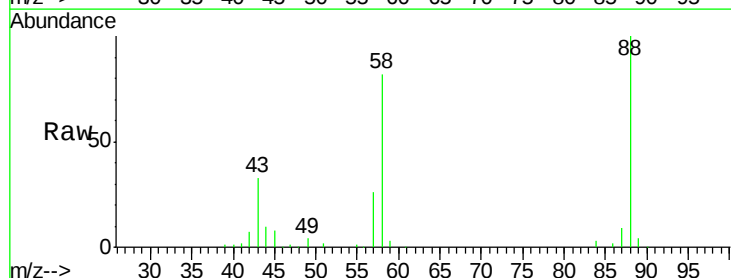
Tgt Ion: 88 Resp: 130469

Ion Ratio Lower Upper

88 100

58 87.1 61.4 92.0

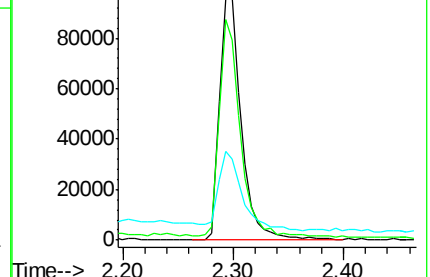
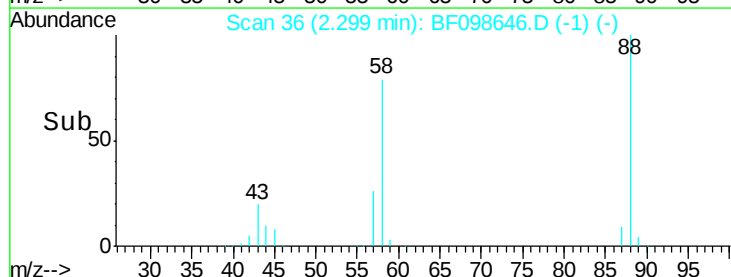
43 35.1 23.4 35.0#

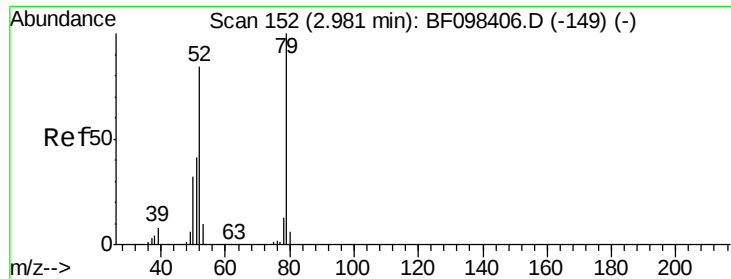


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.91 ng

RT: 2.97 min Scan# 150

Delta R.T. 0.06 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

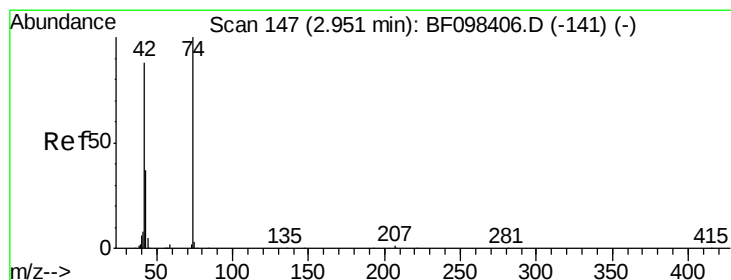
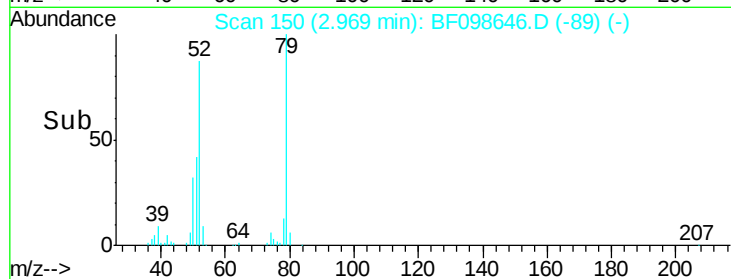
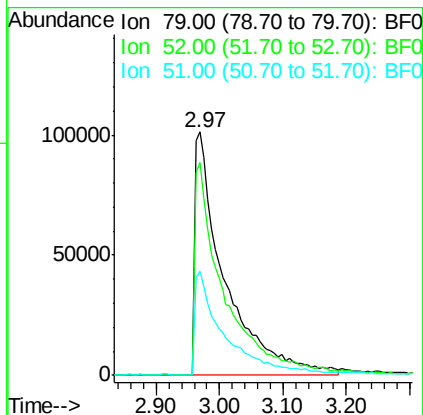
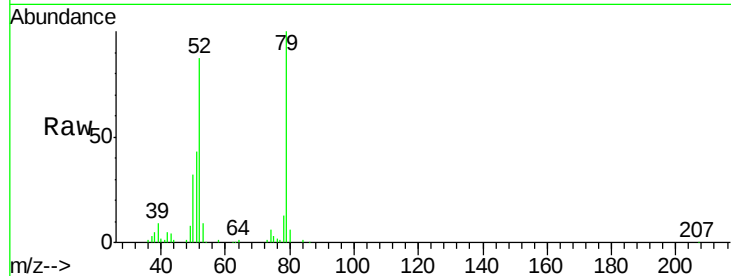
Tot Ion: 79 Resp: 326475

Ion Ratio Lower Upper

79 100

52 87.3 54.8 82.2#

51 42.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 33.03 ng

RT: 2.93 min Scan# 144

Delta R.T. 0.05 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

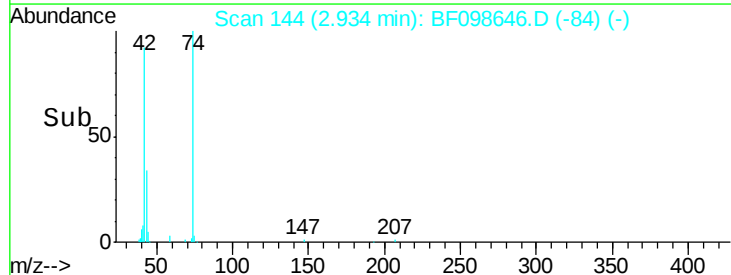
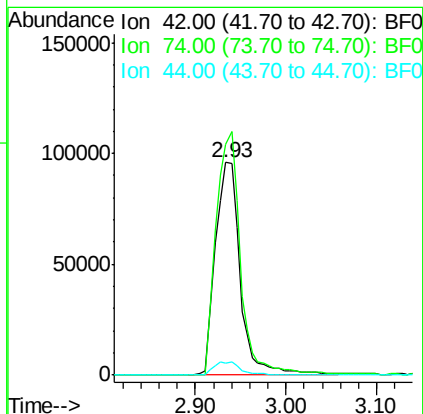
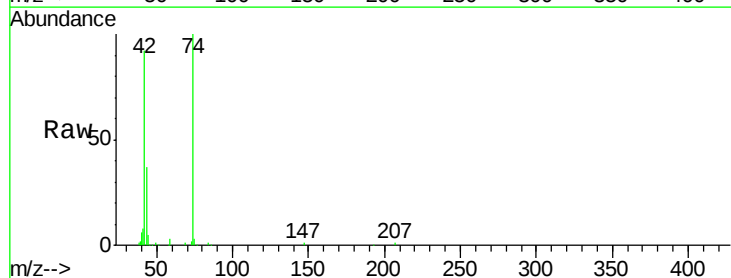
Tgt Ion: 42 Resp: 182856

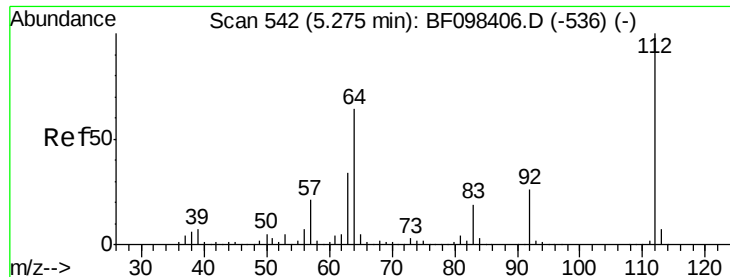
Ion Ratio Lower Upper

42 100

74 108.8 103.9 155.9

44 5.8 5.7 8.5





#5

2-Fluorophenol

Concen: 128.99 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

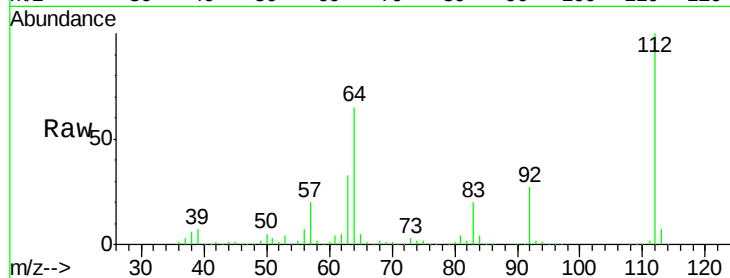
Tot Ion:112 Resp: 1062568

Ion Ratio Lower Upper

112 100

64 64.8 46.0 69.0

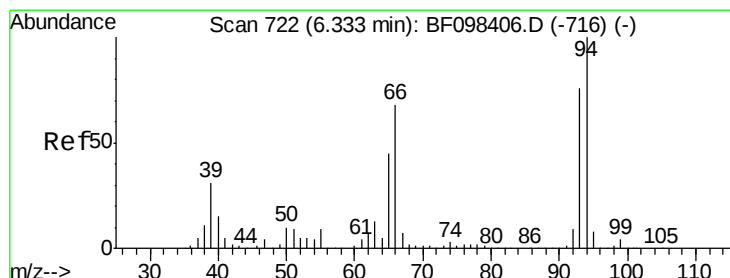
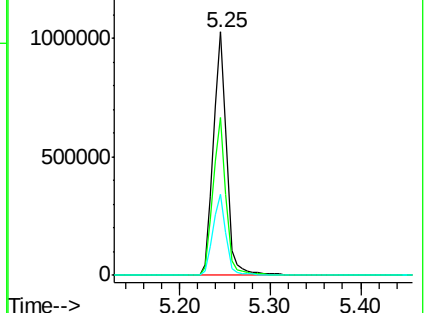
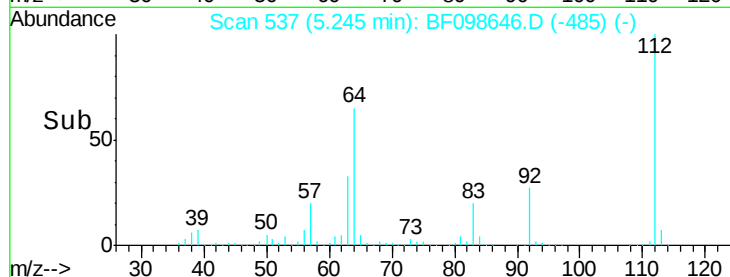
63 33.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.84 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

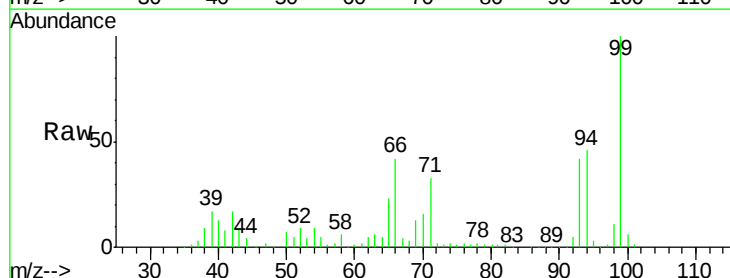
Tgt Ion: 93 Resp: 352200

Ion Ratio Lower Upper

93 100

66 99.7 32.9 49.3#

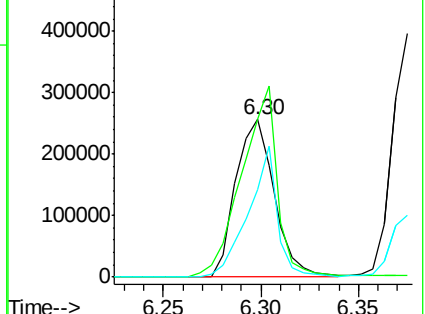
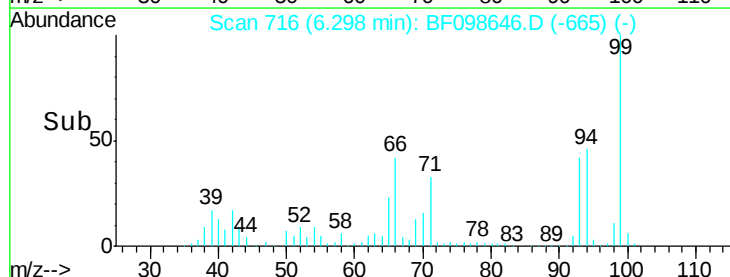
65 55.6 16.0 24.0#

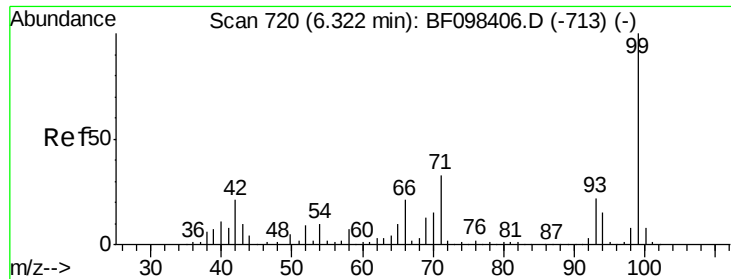


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.59 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

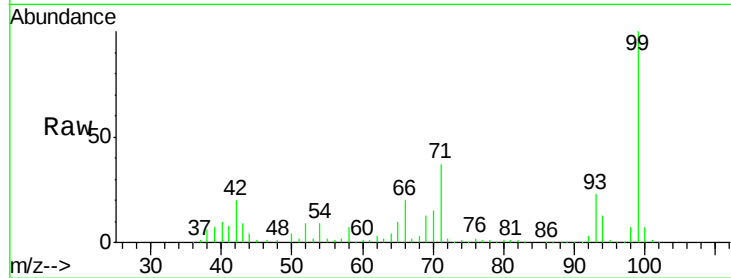
BNA_F

ClientSampleId :

PB102449BS

Tot Ion: 99 Resp: 1240343

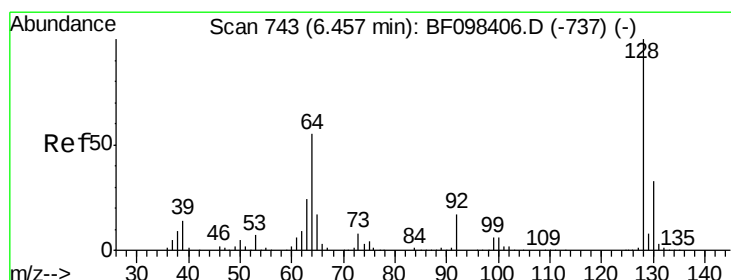
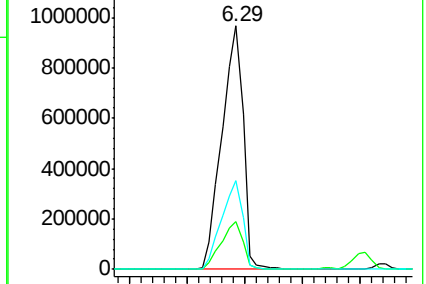
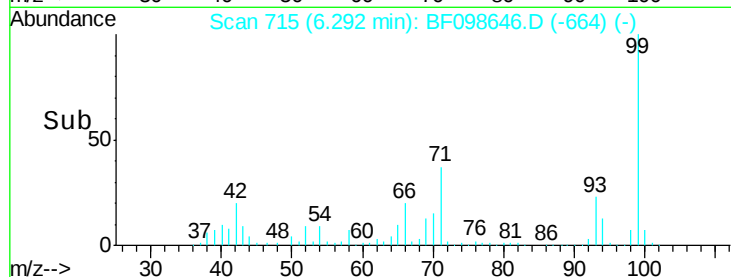
Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	36.6	24.5	36.7



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: 40.63 ng

RT: 6.42 min Scan# 737

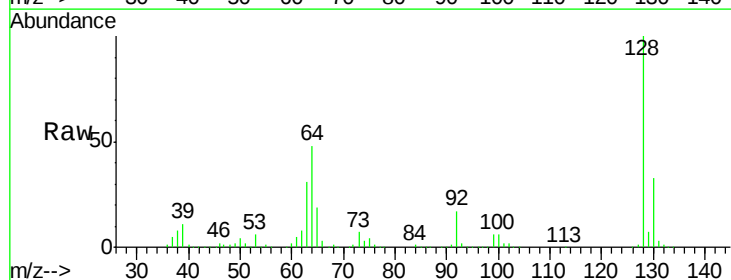
Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Tgt Ion: 128 Resp: 367997

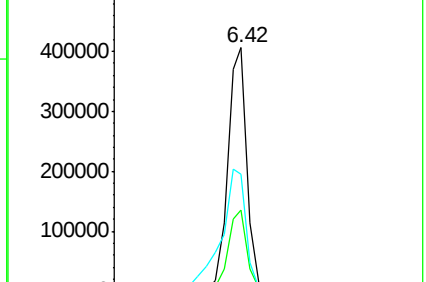
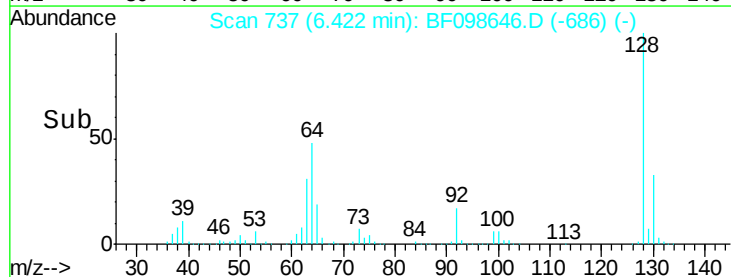
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	47.9	28.4	68.4

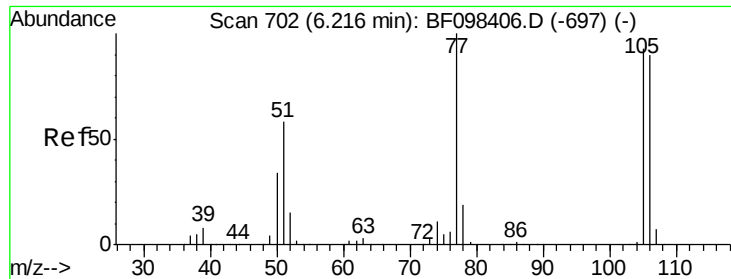


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

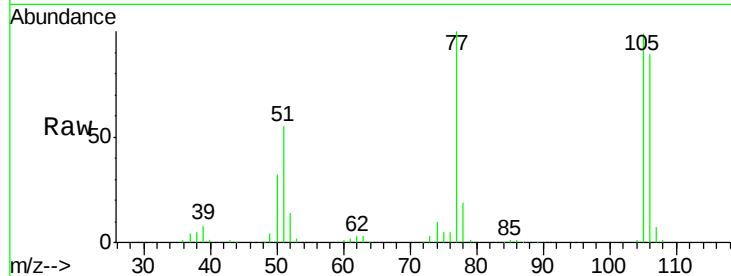




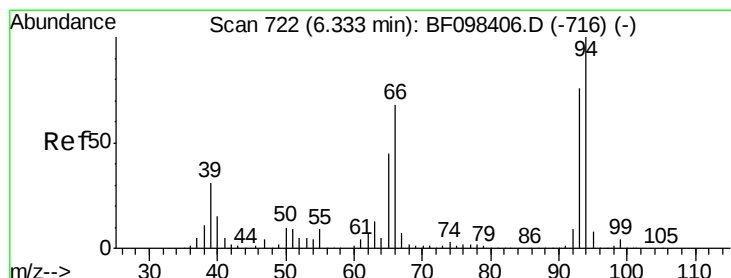
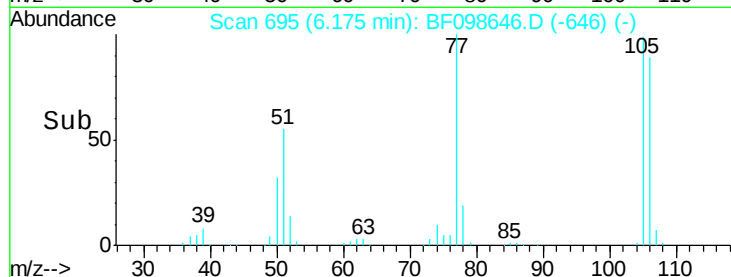
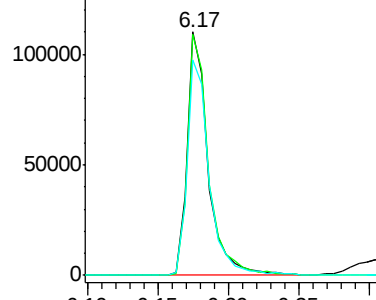
#9
Benzaldehyde
Concen: 16.58 ng
RT: 6.17 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Instrument :
BNA_F
ClientSampleId :
PB102449BS

Tot Ion: 77 Resp: 113364
Ion Ratio Lower Upper
77 100
105 98.9 83.8 123.8
106 88.7 79.1 119.1

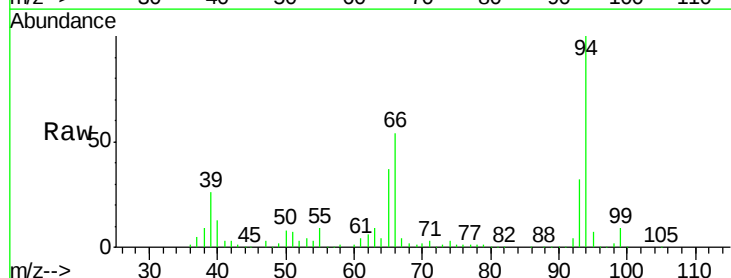


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

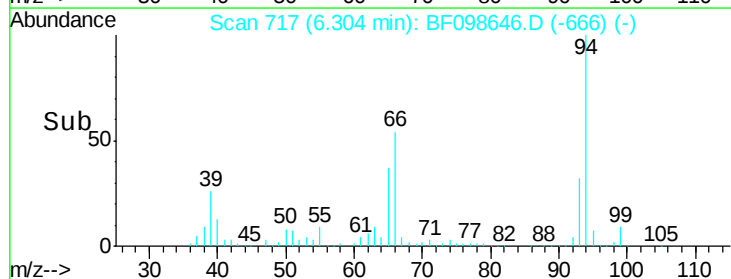
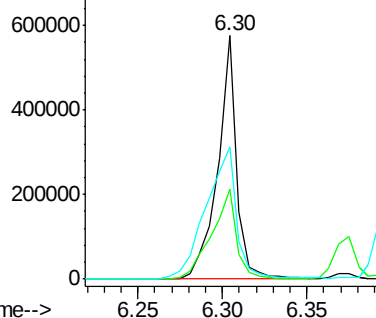


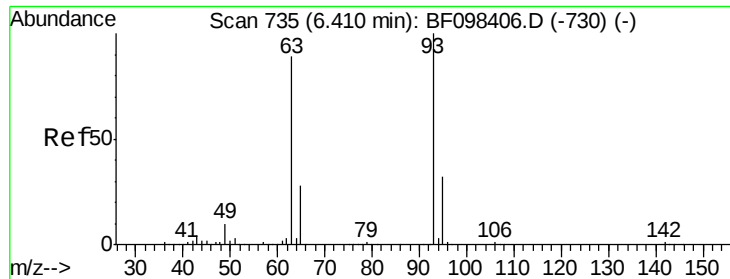
#10
Phenol
Concen: 37.22 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion: 94 Resp: 452164
Ion Ratio Lower Upper
94 100
65 36.9 9.9 49.9
66 54.1 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



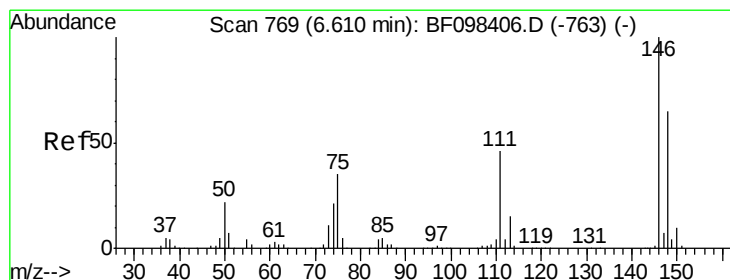
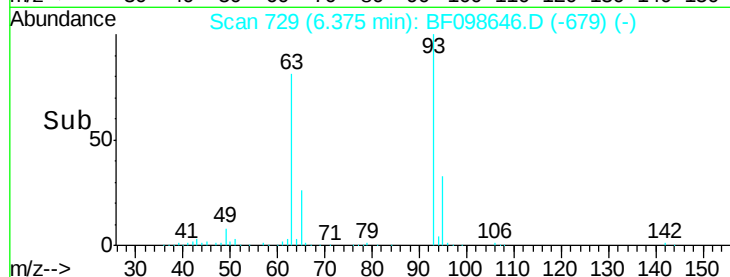
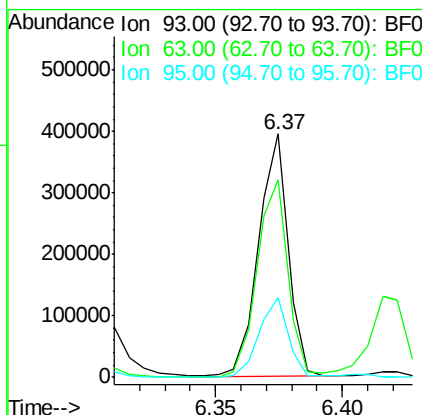
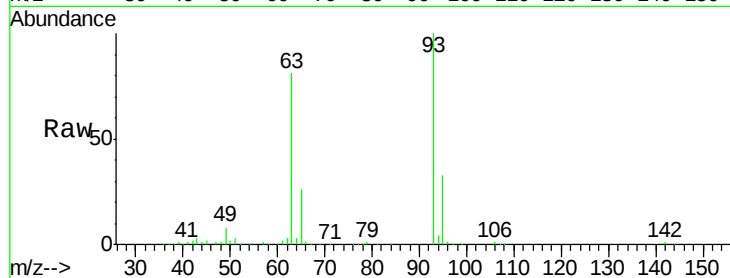


#11
 bis(2-Chloroethyl)ether
 Concen: 35.17 ng
 RT: 6.37 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

Tot Ion: 93 Resp: 322127

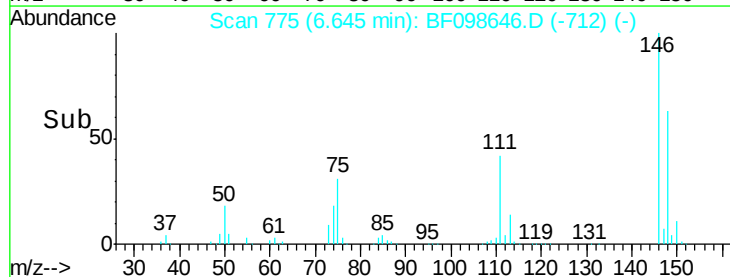
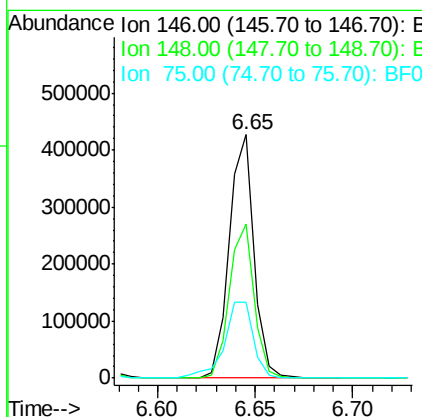
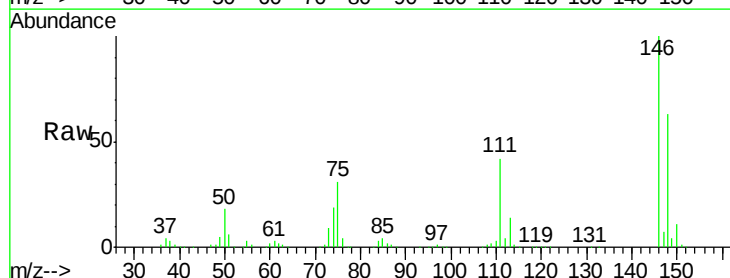
Ion	Ratio	Lower	Upper
93	100		
63	81.1	59.2	99.2
95	32.9	12.8	52.8

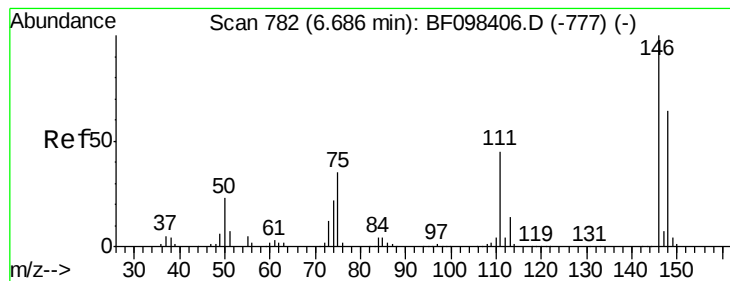


#12
 1,3-Dichlorobenzene
 Concen: 41.03 ng
 RT: 6.65 min Scan# 775
 Delta R.T. 0.07 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion: 146 Resp: 374058

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
75	31.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.05 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

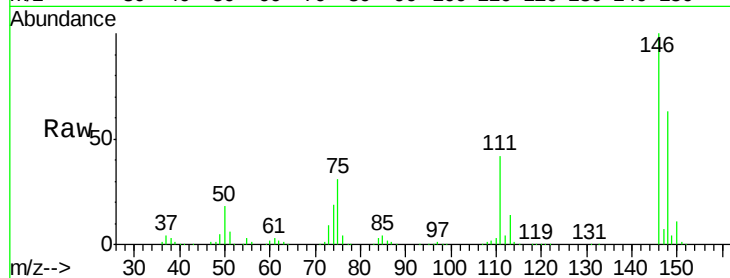
Tot Ion:146 Resp: 374058

Ion Ratio Lower Upper

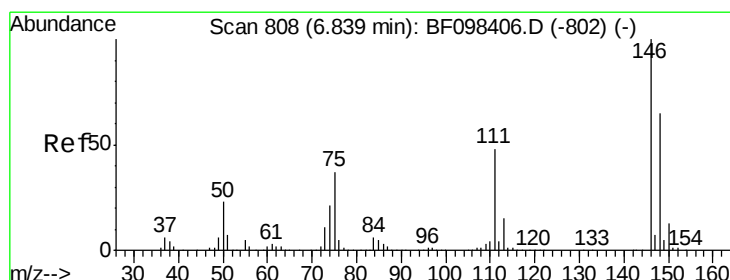
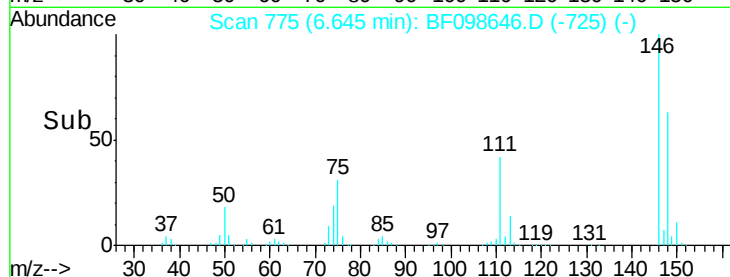
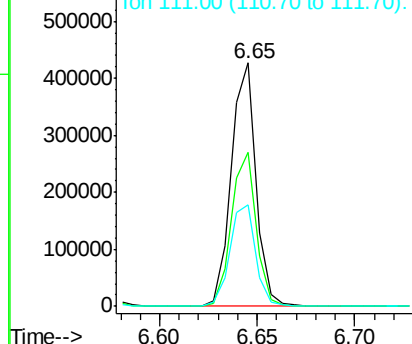
146 100

148 63.5 52.2 78.2

111 41.9 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 41.43 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

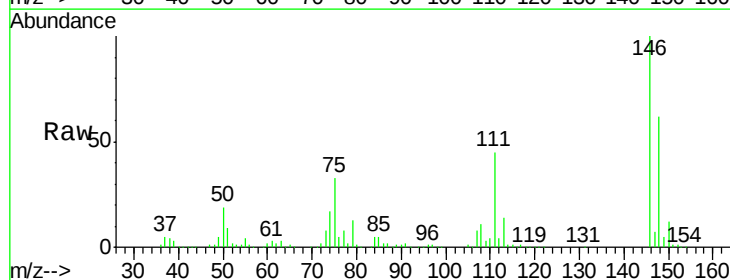
Tgt Ion:146 Resp: 352504

Ion Ratio Lower Upper

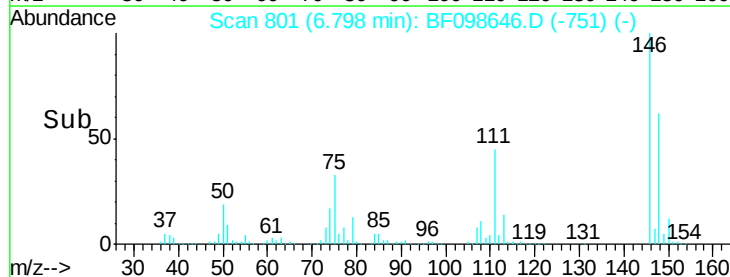
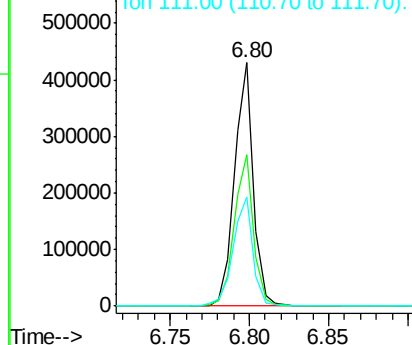
146 100

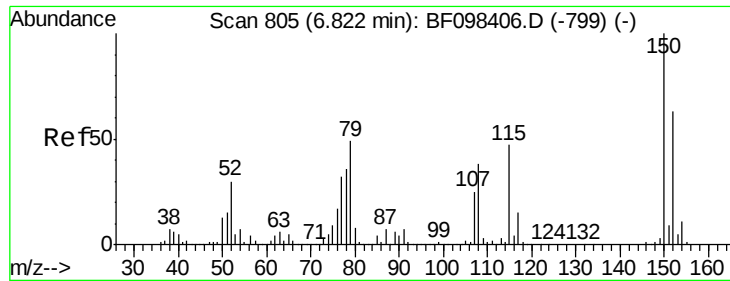
148 62.5 50.4 75.6

111 44.9 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

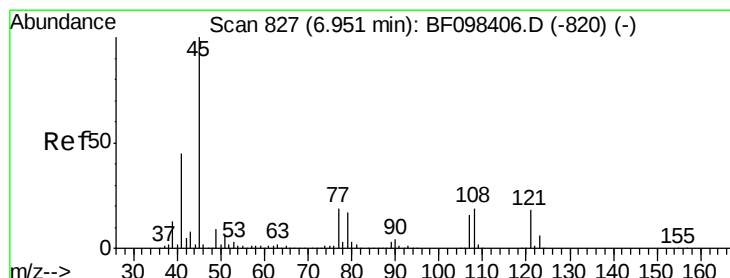
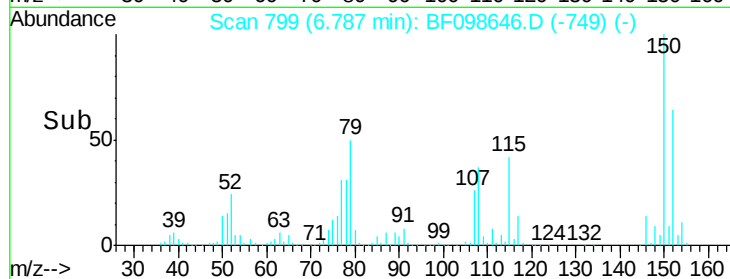
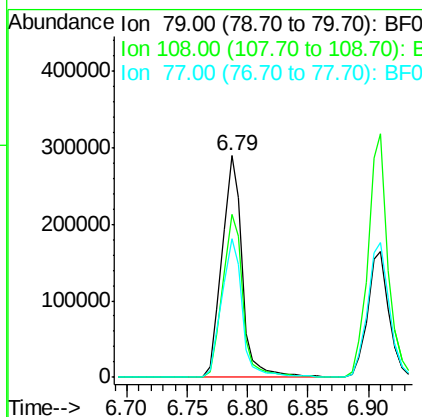
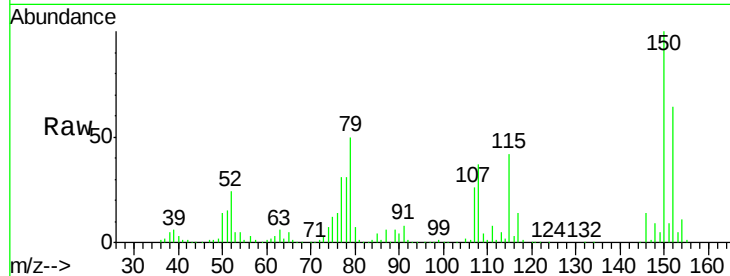




#15
Benzyl Alcohol
Concen: 48.19 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

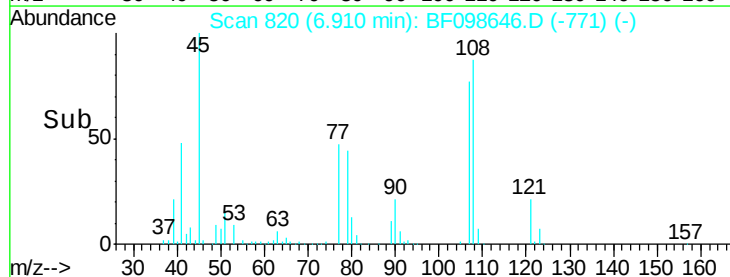
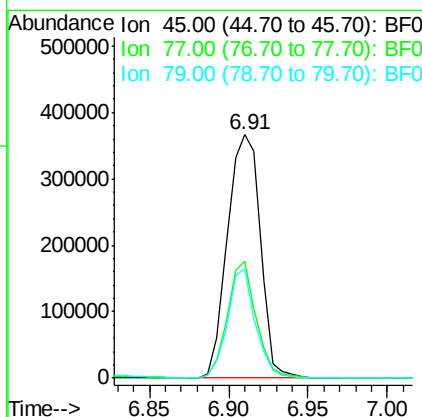
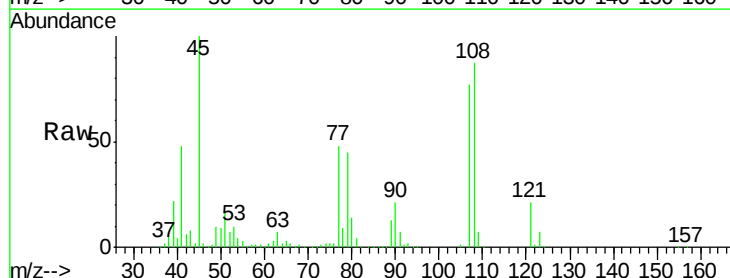
Instrument :
BNA_F
ClientSampleId :
PB102449BS

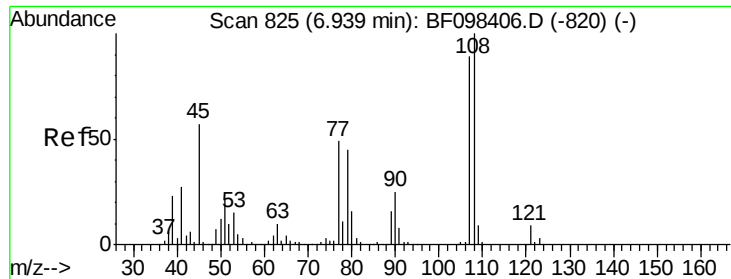
Tot Ion: 79 Resp: 335434
Ion Ratio Lower Upper
79 100
108 73.8 63.4 95.0
77 62.3 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.80 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion: 45 Resp: 524522
Ion Ratio Lower Upper
45 100
77 48.2 0.0 33.2#
79 44.9 0.0 30.0#





#17

2-Methylphenol

Concen: 44.01 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampled :

PB102449BS

Tot Ion:107 Resp: 325038

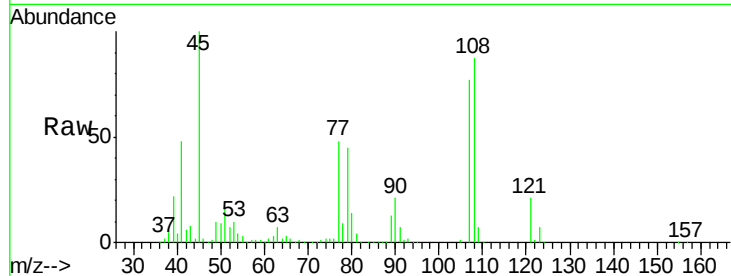
Ion Ratio Lower Upper

107 100

108 113.3 93.4 140.0

77 63.0 35.8 53.6#

79 58.6 34.8 52.2#

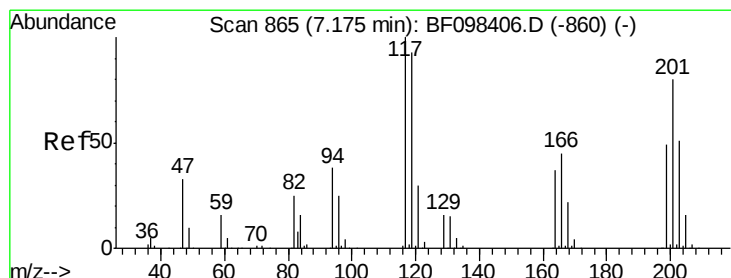
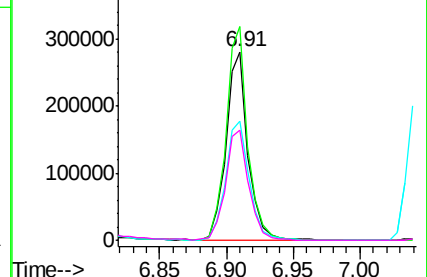
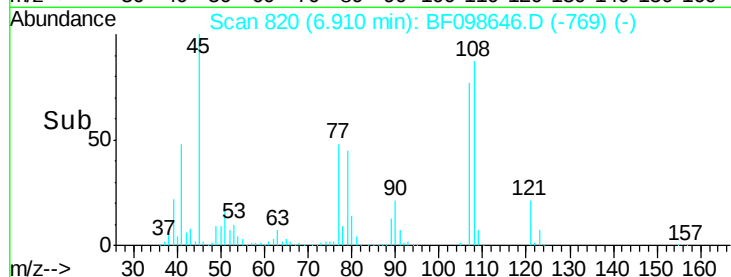


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.13 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

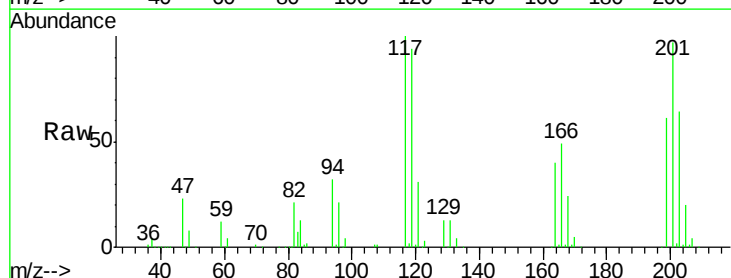
Tgt Ion:117 Resp: 139962

Ion Ratio Lower Upper

117 100

119 93.9 77.4 116.0

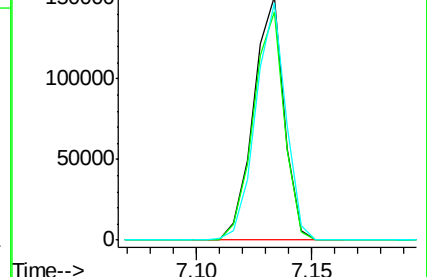
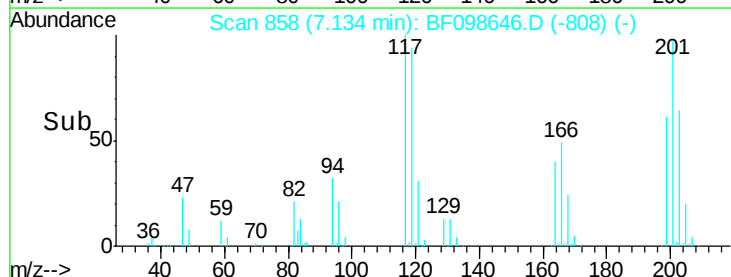
201 97.3 94.6 141.8

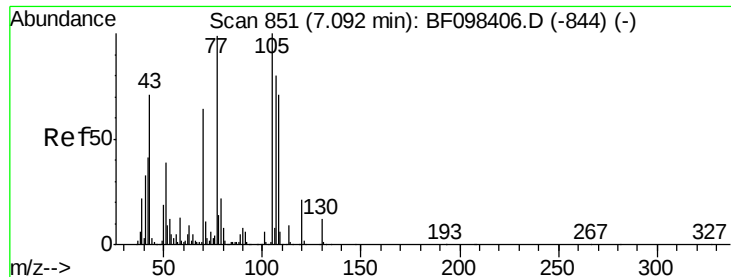


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

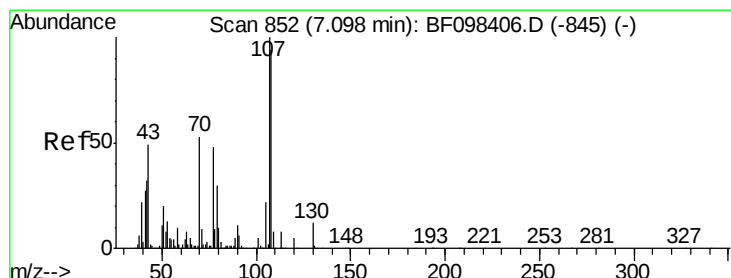
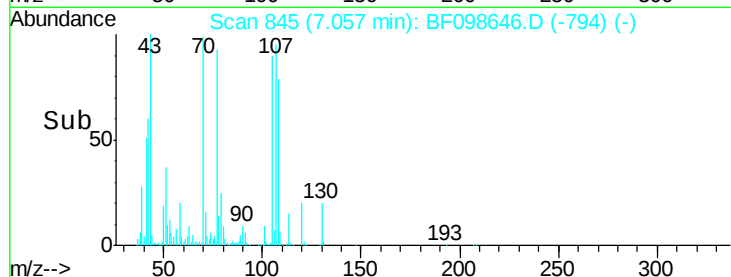
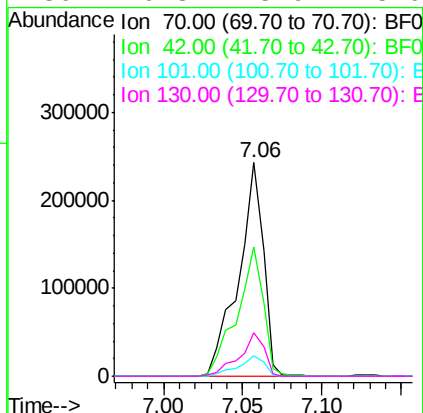
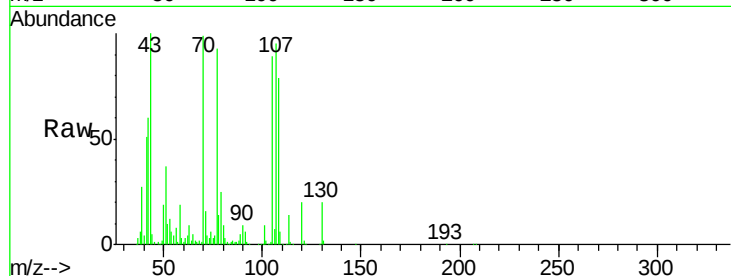




#19
n-Nitroso-di-n-propylamine
Concen: 40.29 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

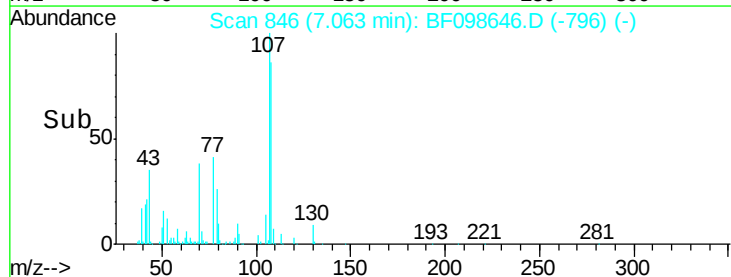
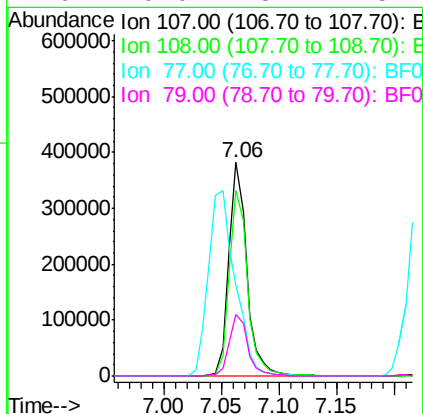
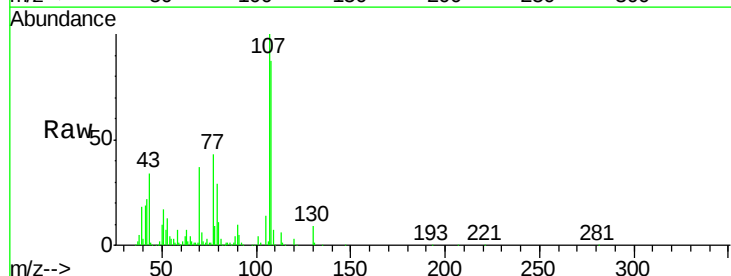
Instrument :
BNA_F
ClientSampleId :
PB102449BS

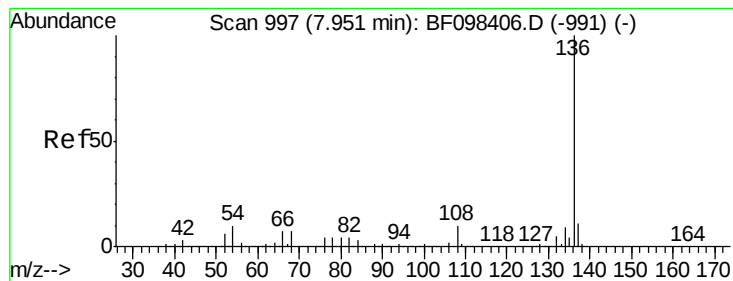
Tot Ion: 70 Resp: 265093
Ion Ratio Lower Upper
70 100
42 60.4 47.2 70.8
101 9.5 7.2 10.8
130 20.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.45 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion:107 Resp: 414341
Ion Ratio Lower Upper
107 100
108 86.8 71.0 111.0
77 42.6 90.5 130.5#
79 29.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

Tot Ion:136 Resp: 517742

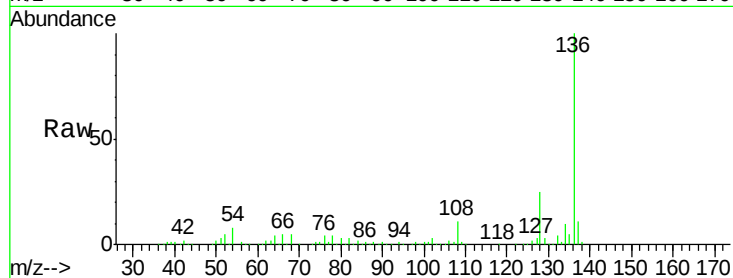
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 8.4 4.9 7.3#

68 5.1 4.1 6.1

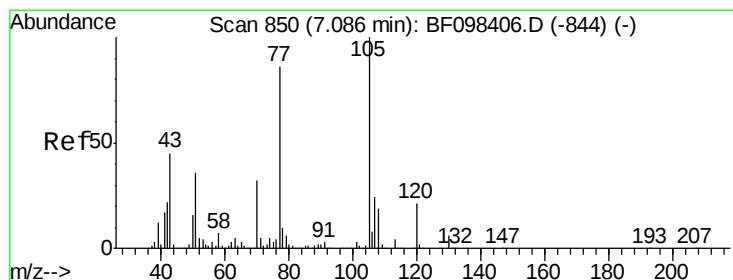
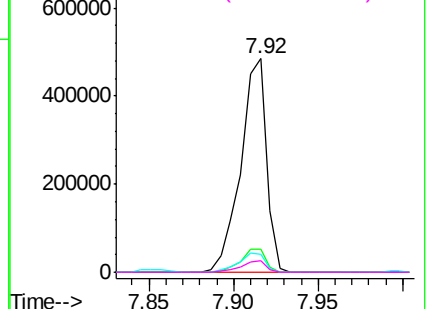
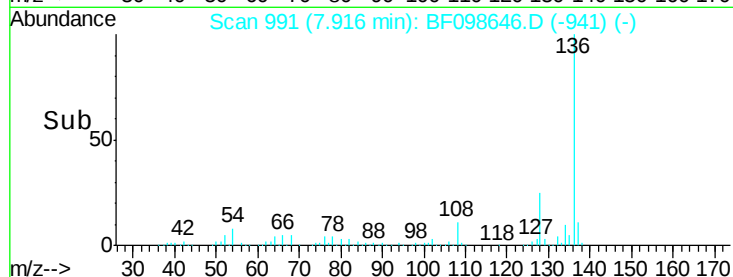


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.44 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Tgt Ion:105 Resp: 527740

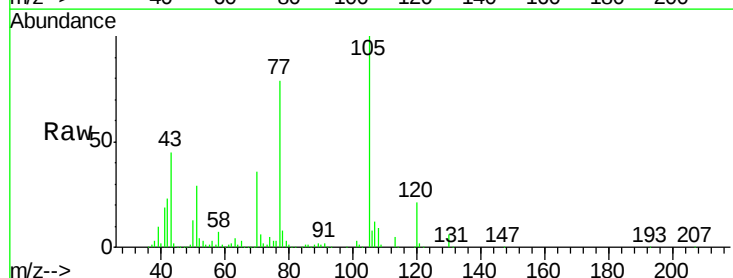
Ion Ratio Lower Upper

105 100

71 5.6 2.8 4.2#

51 29.2 30.7 46.1#

120 20.7 17.4 26.0

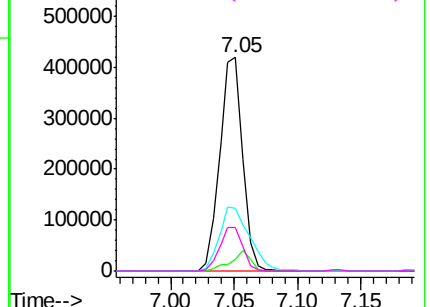
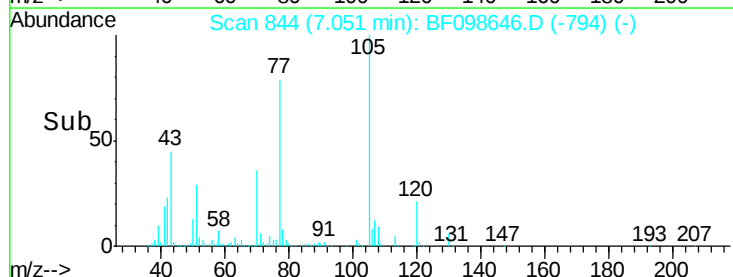


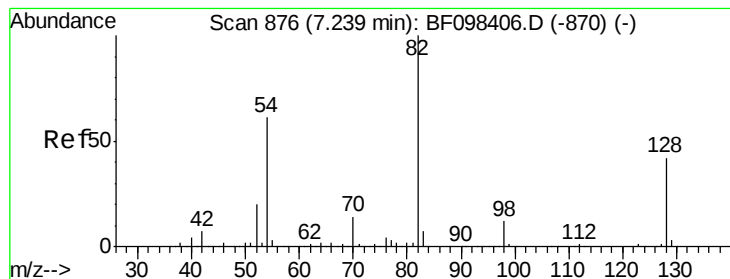
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.71 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

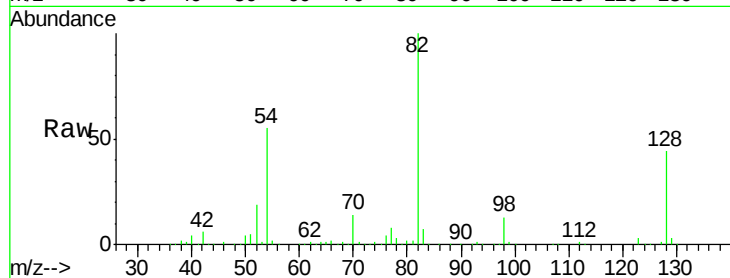
Tot Ion: 82 Resp: 833090

Ion Ratio Lower Upper

82 100

128 43.6 34.0 51.0

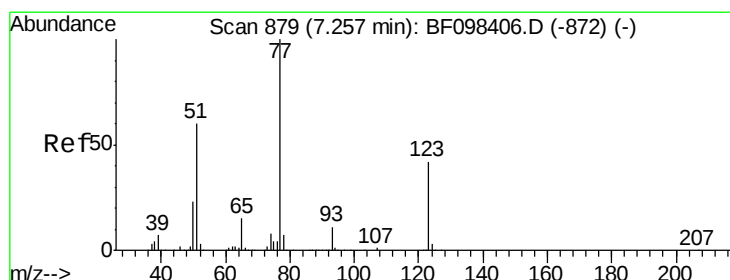
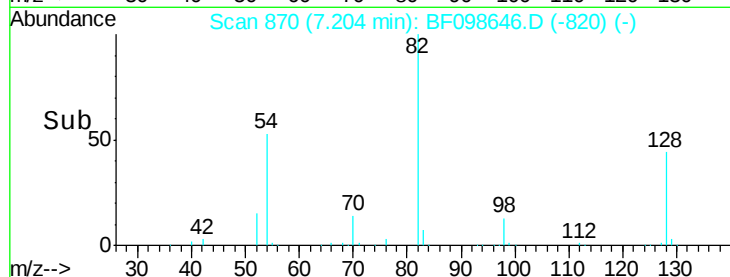
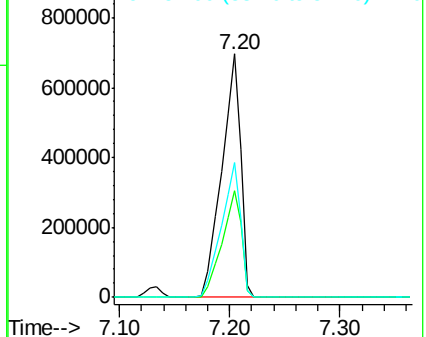
54 55.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.94 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

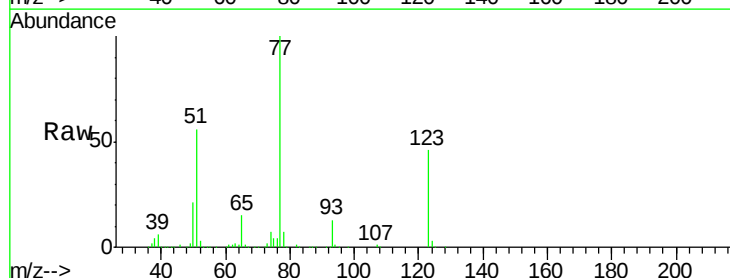
Tgt Ion: 77 Resp: 422448

Ion Ratio Lower Upper

77 100

123 46.1 35.8 53.8

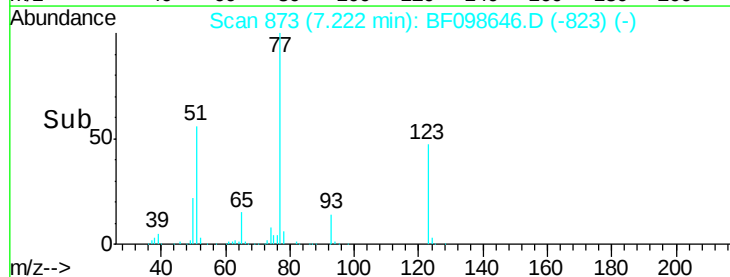
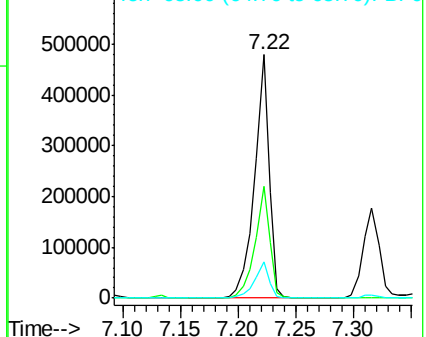
65 14.8 10.6 15.8

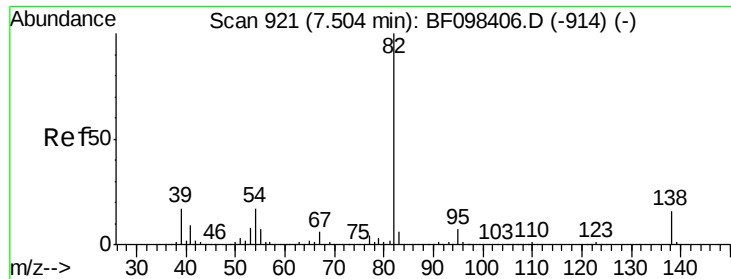


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.73 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

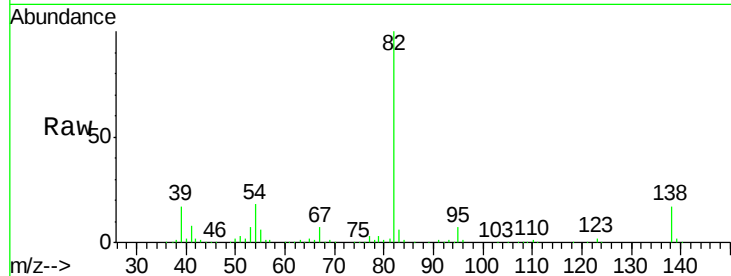
Tot Ion: 82 Resp: 671432

Ion Ratio Lower Upper

82 100

95 7.4 5.3 7.9

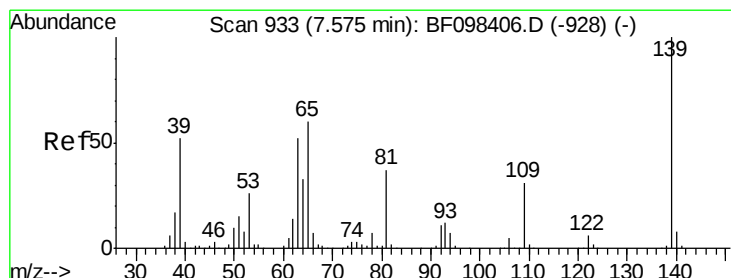
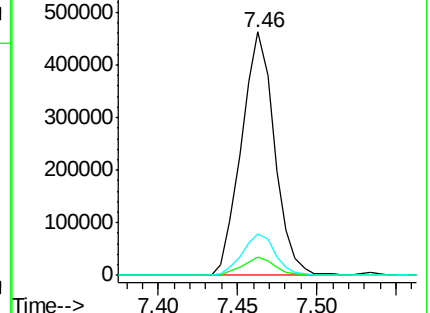
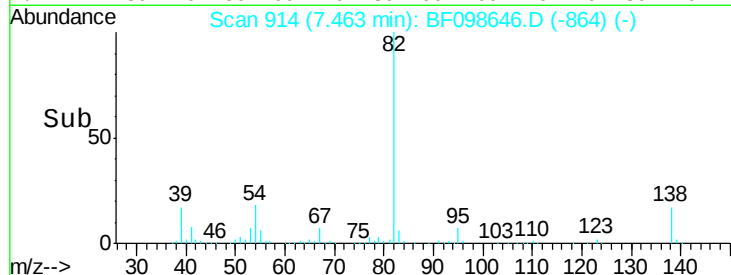
138 17.2 13.1 19.7



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: 44.88 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

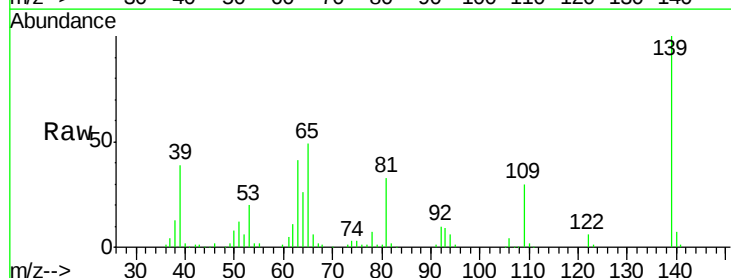
Tgt Ion: 139 Resp: 191695

Ion Ratio Lower Upper

139 100

109 29.8 21.0 31.6

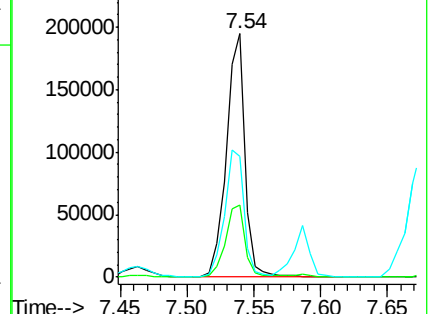
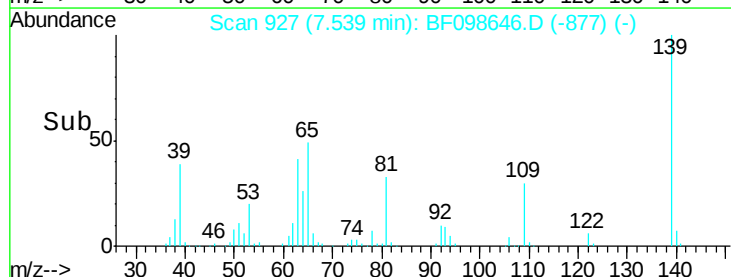
65 49.4 33.0 49.6

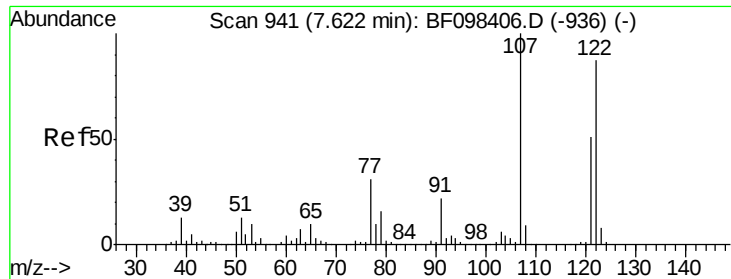


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.49 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

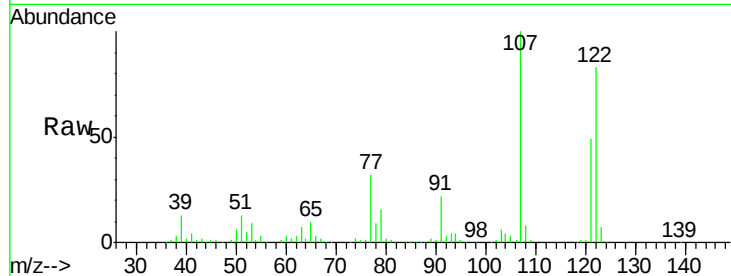
Tot Ion:122 Resp: 321551

Ion Ratio Lower Upper

122 100

107 121.0 89.2 133.8

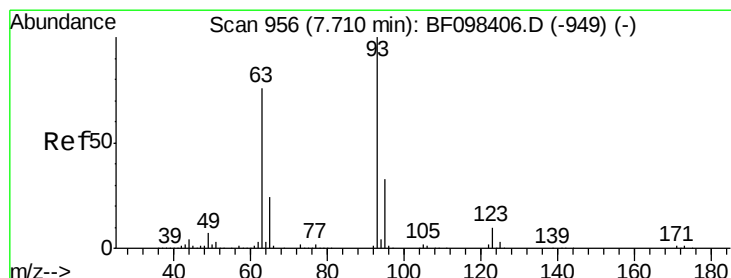
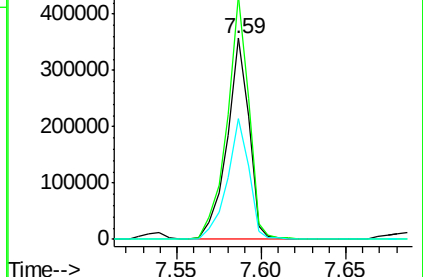
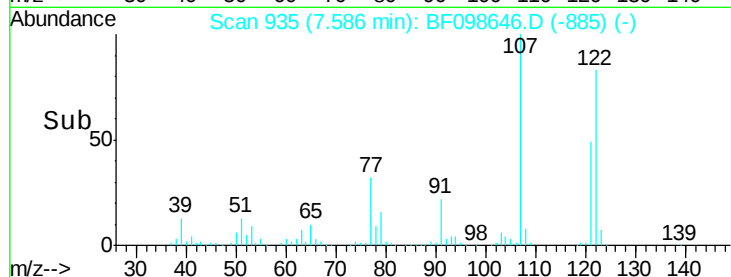
121 59.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.84 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

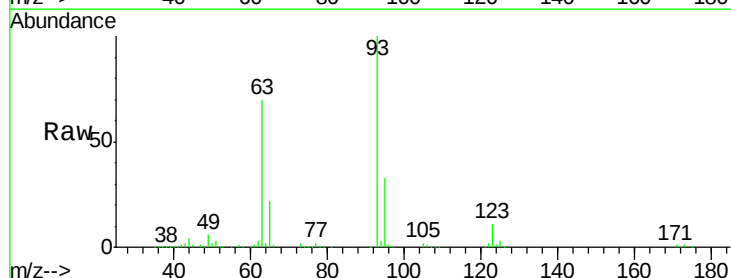
Tgt Ion: 93 Resp: 422434

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

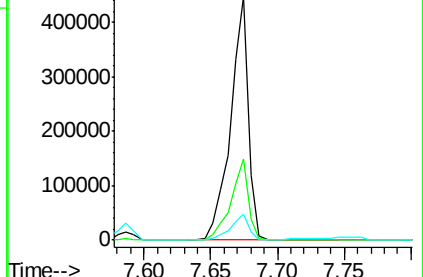
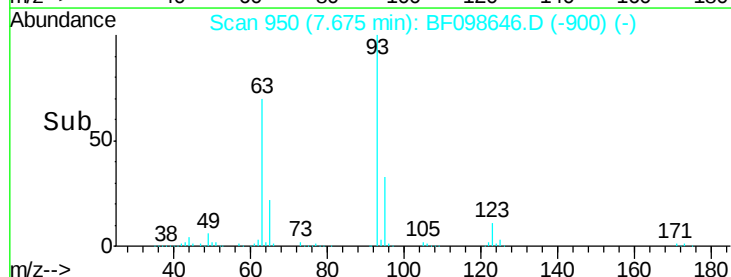
123 10.8 9.0 13.4

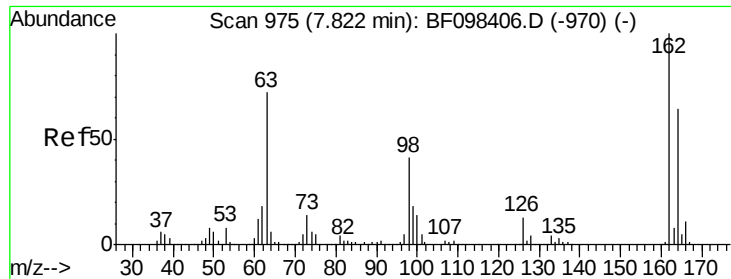


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

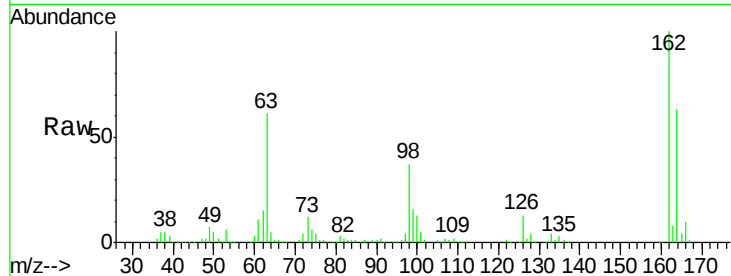




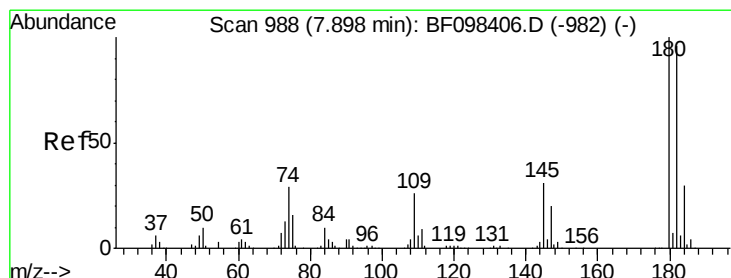
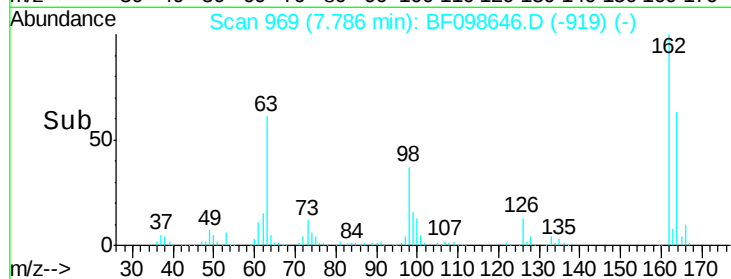
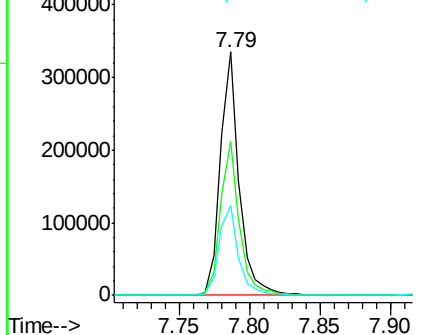
#29
 2,4-Dichlorophenol
 Concen: 45.93 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	37.2	14.8	54.8

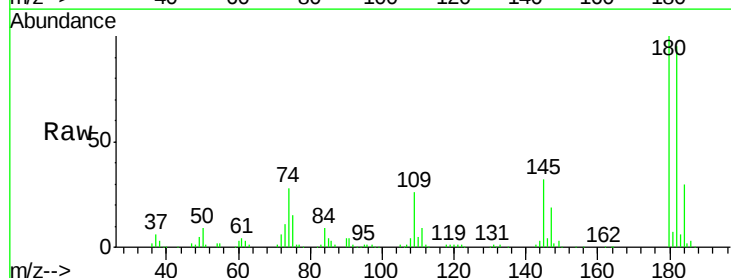


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

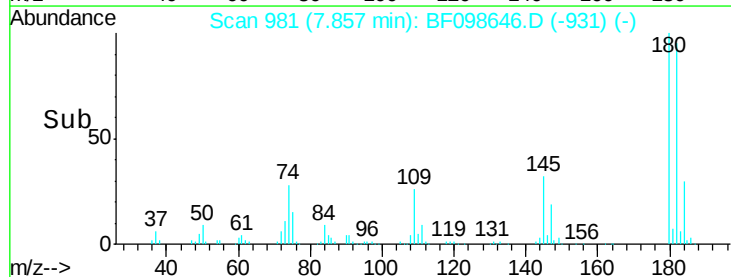
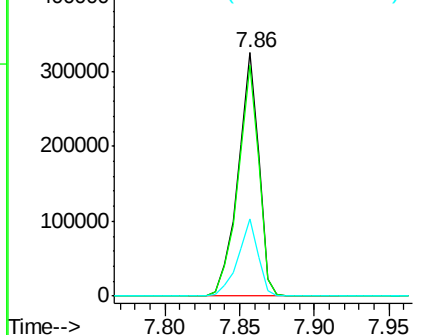


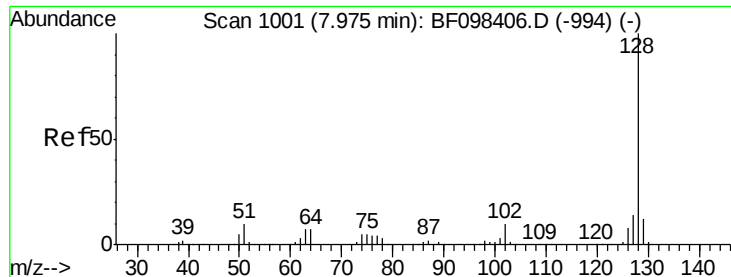
#30
 1,2,4-Trichlorobenzene
 Concen: 42.69 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	31.7	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

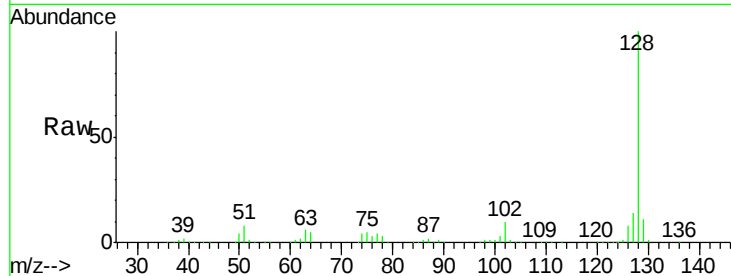




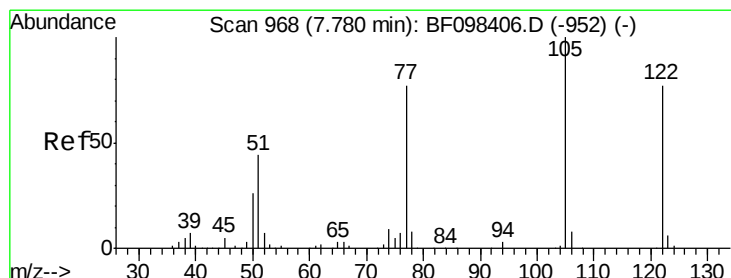
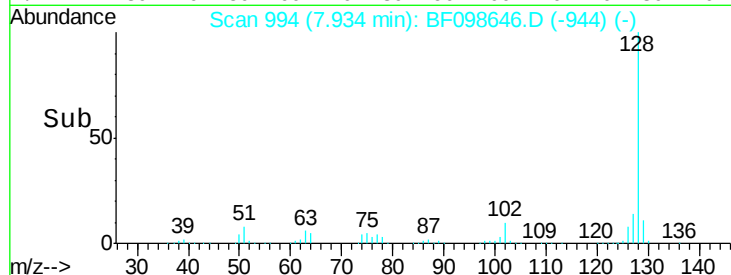
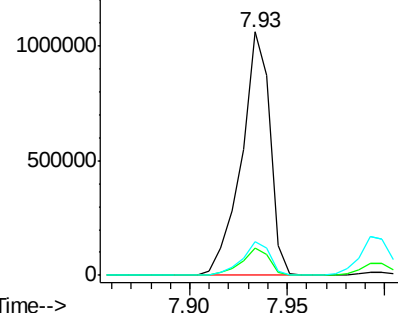
#31
Naphthalene
Concen: 42.05 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Instrument :
BNA_F
ClientSampled :
PB102449BS

Tot Ion:128 Resp: 1076244
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.8 16.2

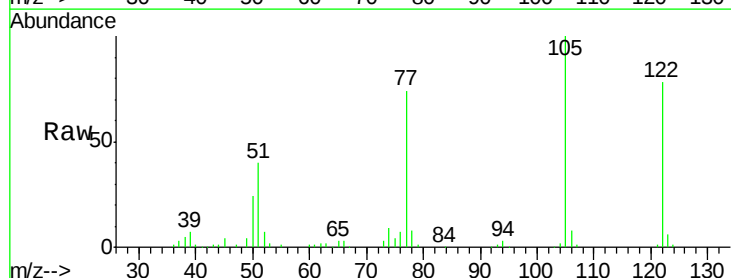


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

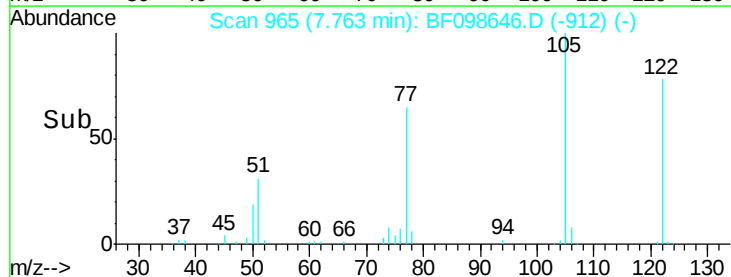
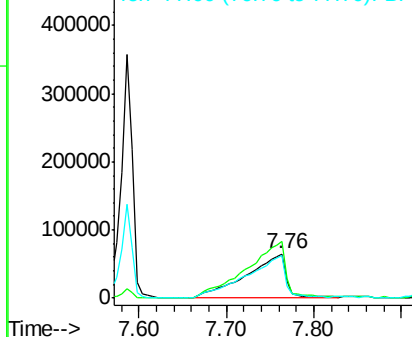


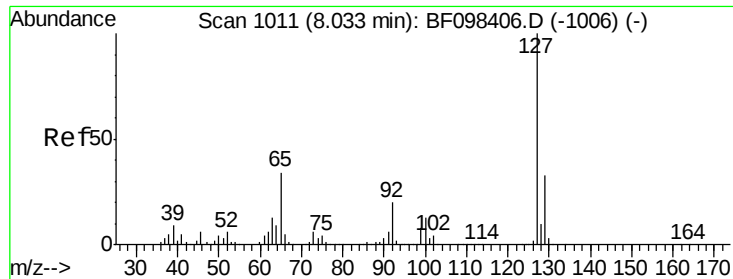
#32
Benzoic acid
Concen: 38.96 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion:122 Resp: 202992
Ion Ratio Lower Upper
122 100
105 128.9 103.3 143.3
77 95.9 73.7 113.7



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

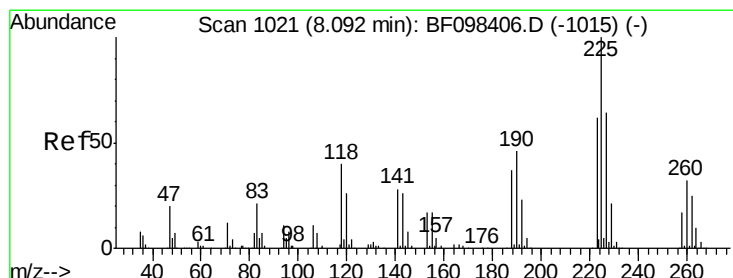
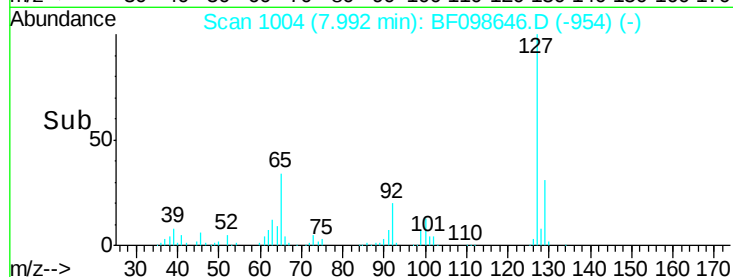
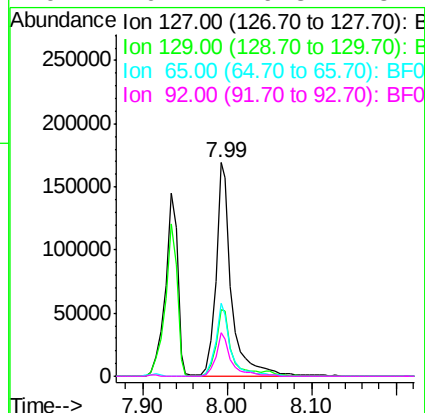
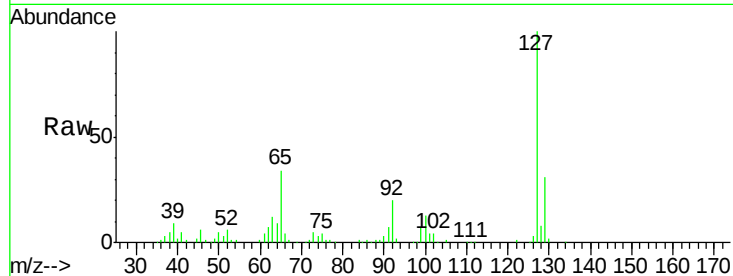




#33
4-Chloroaniline
Concen: 21.14 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

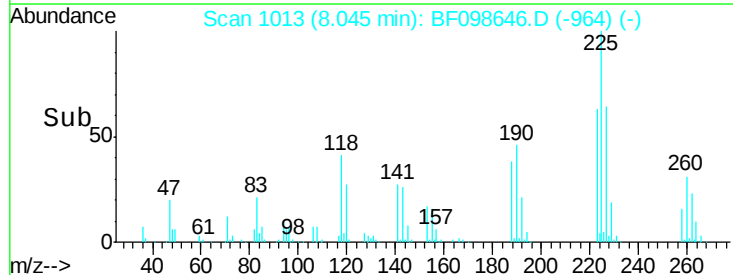
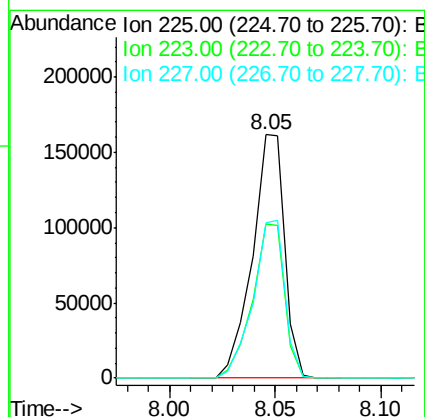
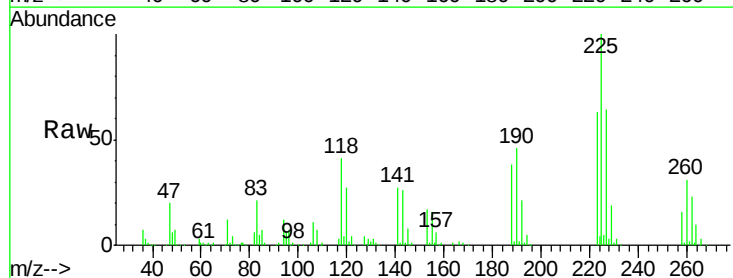
Instrument :
BNA_F
ClientSampleId :
PB102449BS

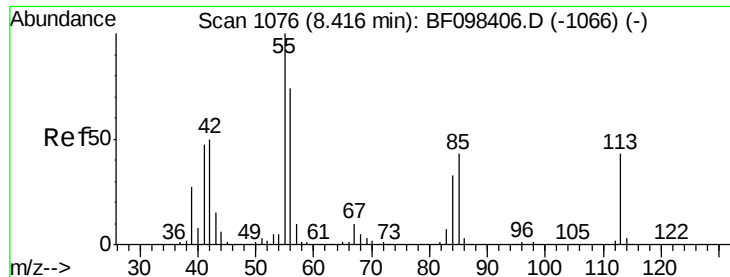
Tot Ion:127	Resp:	219881
Ion Ratio	Lower	Upper
127	100	
129	31.0	26.2 39.2
65	34.5	27.8 41.8
92	20.1	16.8 25.2



#34
Hexachlorobutadiene
Concen: 45.66 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion:225	Resp:	172652
Ion Ratio	Lower	Upper
225	100	
223	63.1	48.8 73.2
227	63.7	51.1 76.7

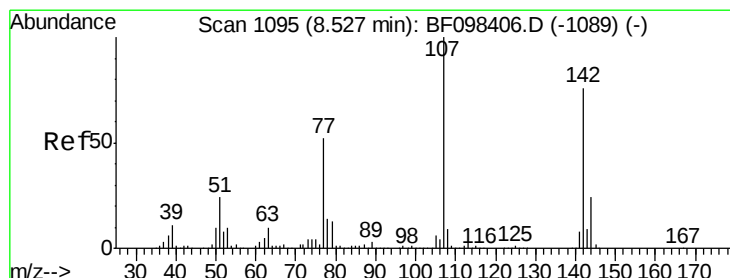
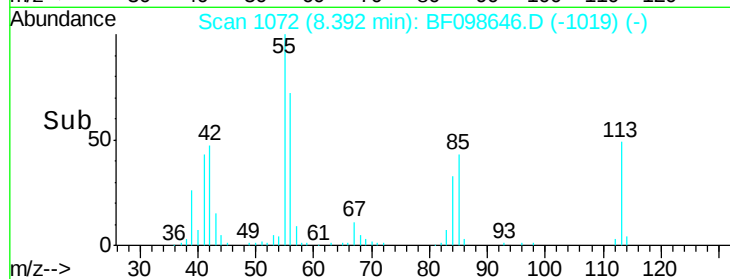
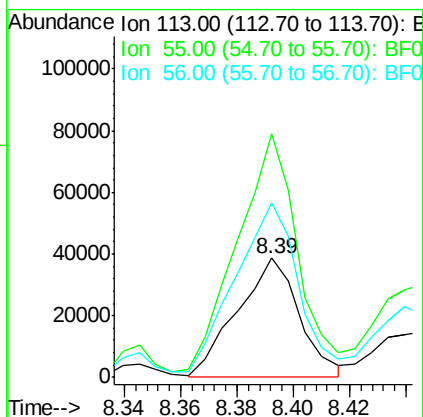
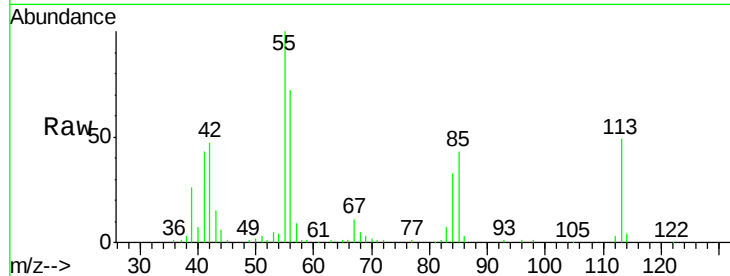




#35
 Caprolactam
 Concen: 25.36 ng
 RT: 8.39 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

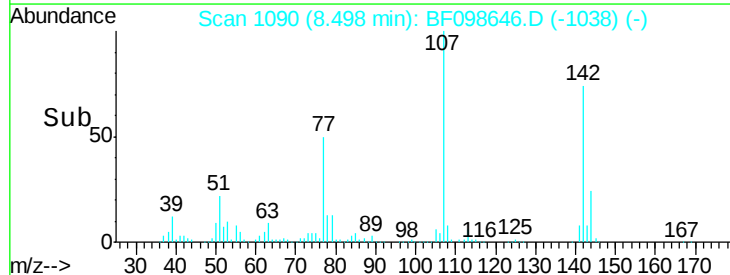
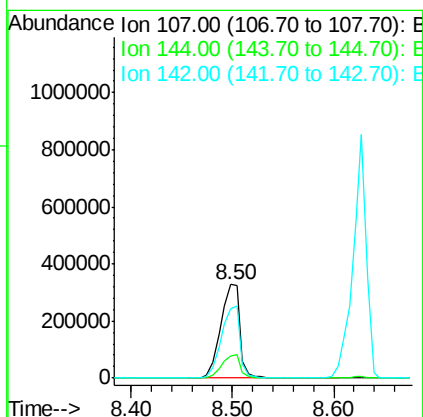
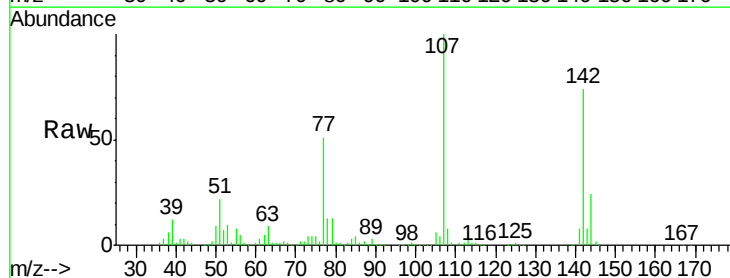
Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

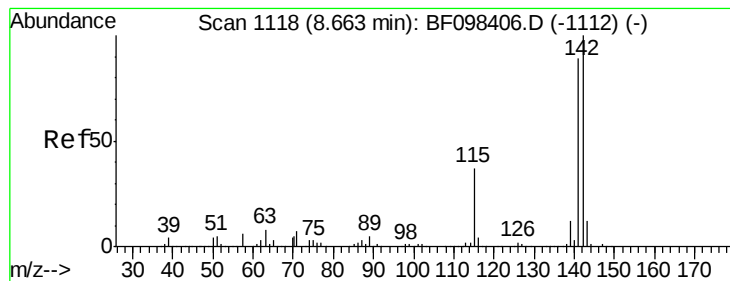
Tot Ion:113 Resp: 59224
 Ion Ratio Lower Upper
 113 100
 55 204.1 150.2 190.2#
 56 146.4 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.19 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion:107 Resp: 429882
 Ion Ratio Lower Upper
 107 100
 144 23.9 24.2 36.4#
 142 74.1 73.4 110.0





#37

2-Methylnaphthalene

Concen: 50.56 ng

RT: 8.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

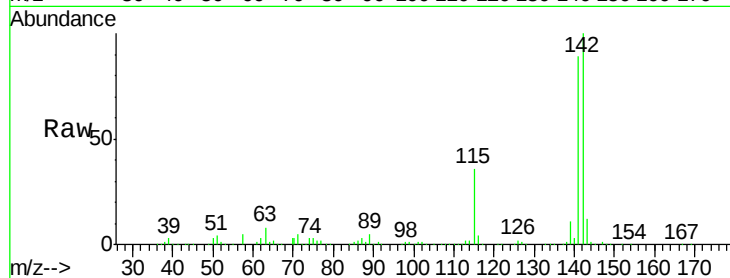
Tot Ion:142 Resp: 783892

Ion Ratio Lower Upper

142 100

141 88.5 71.3 106.9

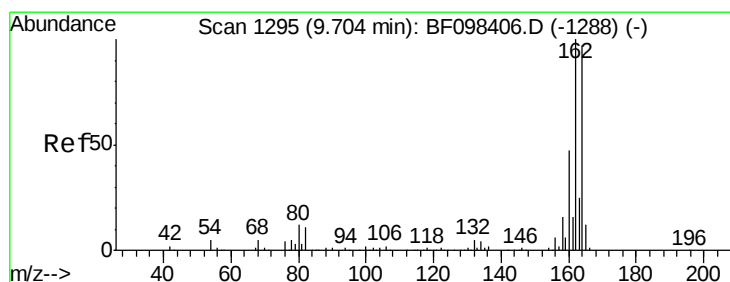
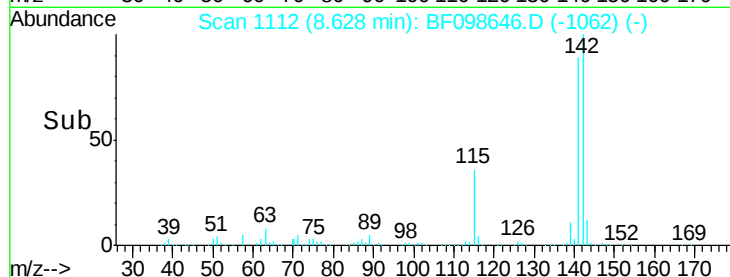
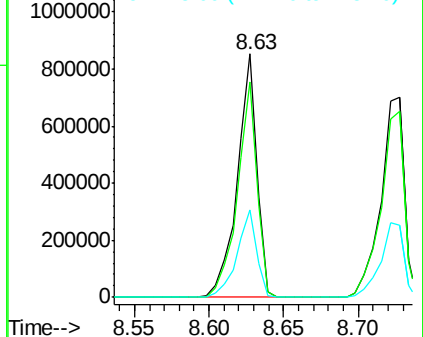
115 36.1 27.1 40.7



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: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

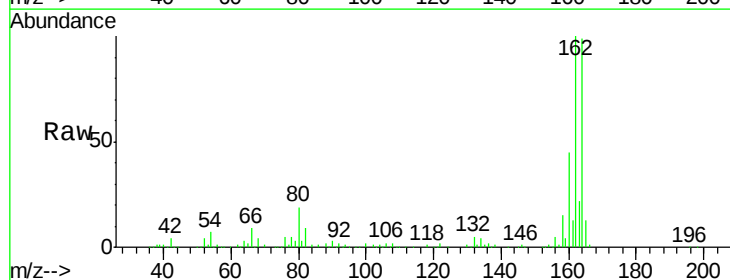
Tgt Ion:164 Resp: 259190

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

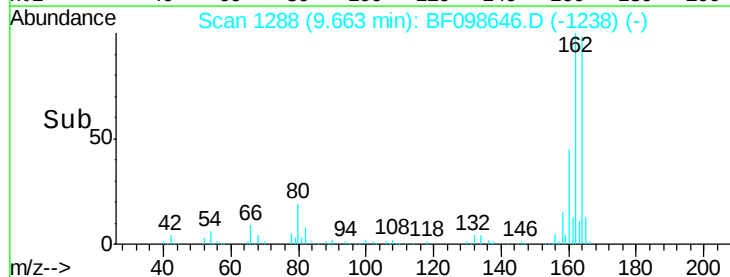
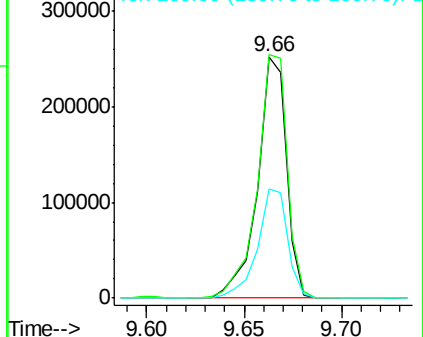
160 45.4 36.2 54.2

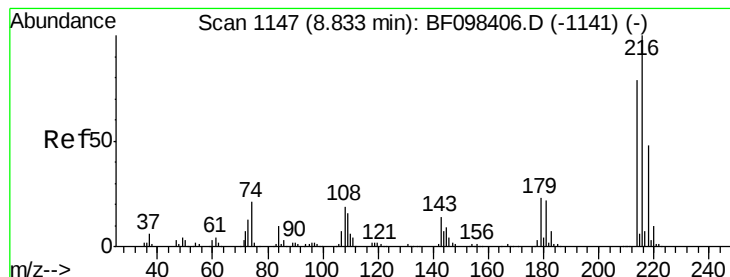


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.96 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleID :

PB102449BS

Tot Ion:216 Resp: 354907

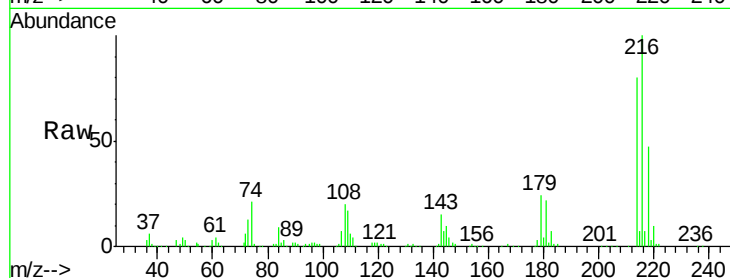
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.7 17.9 26.9

108 20.3 16.5 24.7

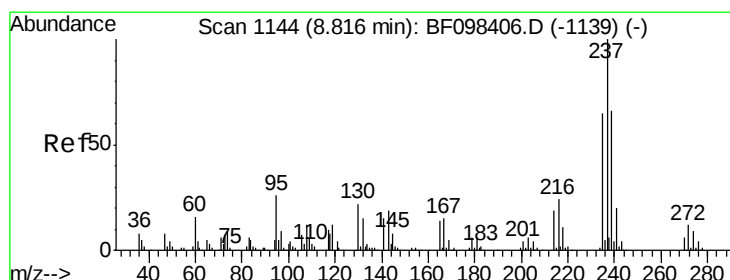
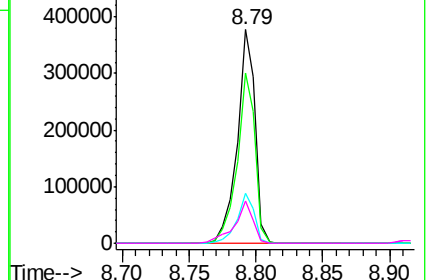
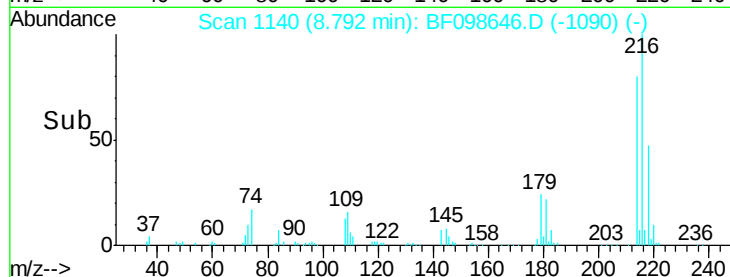


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.03 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

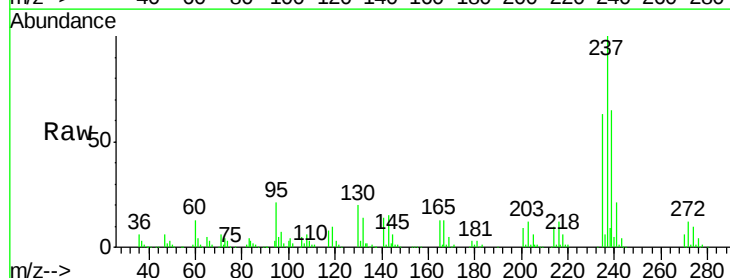
Tgt Ion:237 Resp: 202711

Ion Ratio Lower Upper

237 100

235 63.5 42.6 82.6

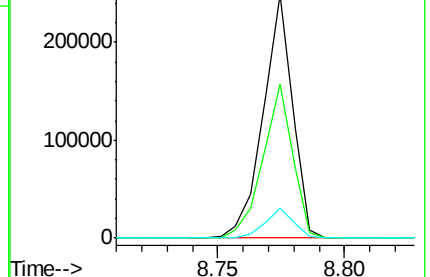
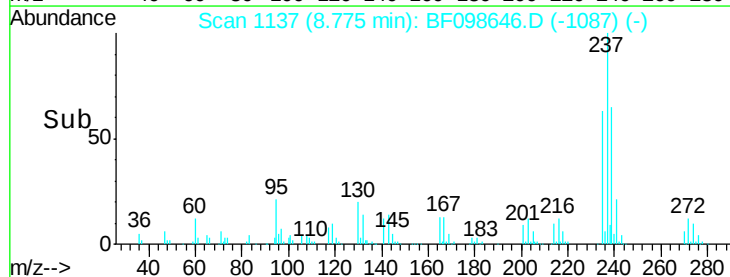
272 12.4 0.0 31.9

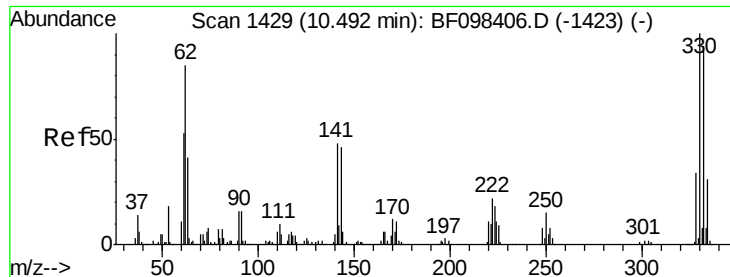


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

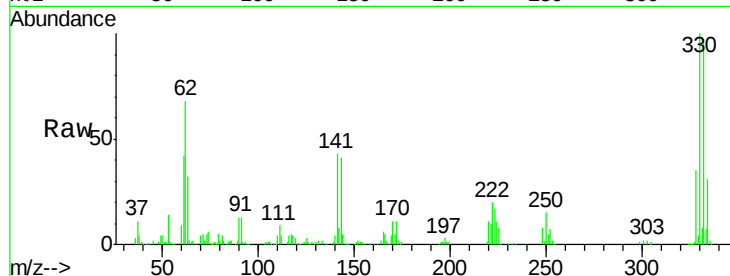




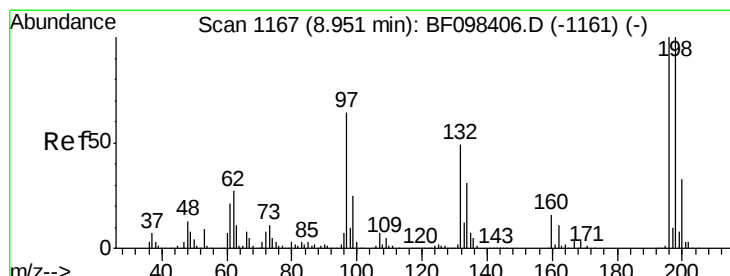
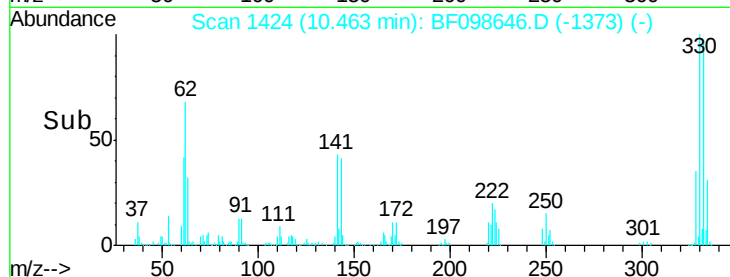
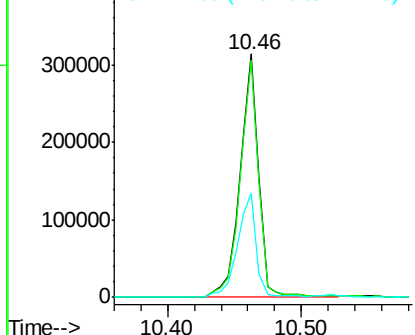
#41
 2,4,6-Tribromophenol
 Concen: 176.74 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	43.3	31.4	47.2

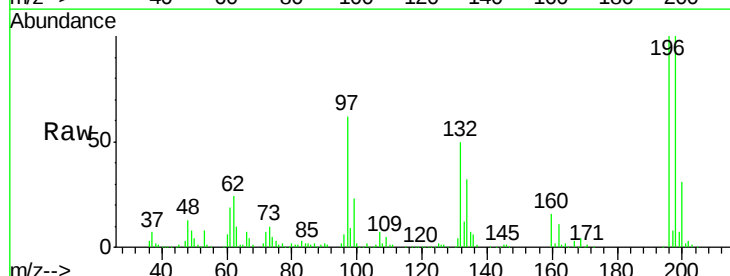


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

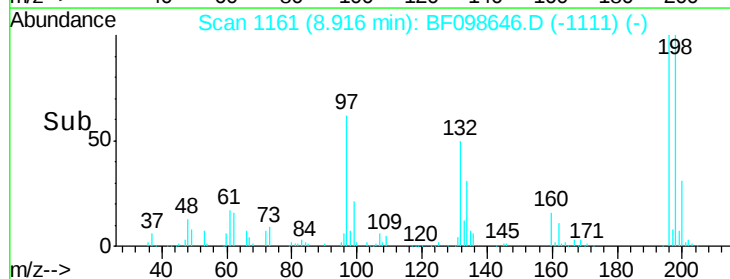
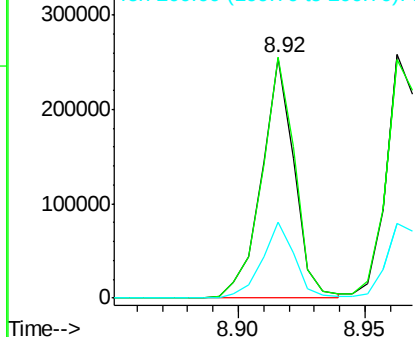


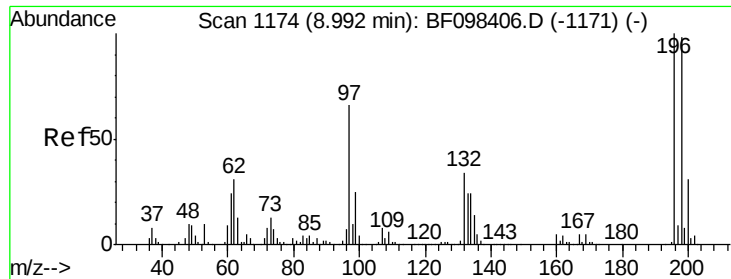
#42
 2,4,6-Trichlorophenol
 Concen: 48.57 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	74.2	111.4
200	31.4	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

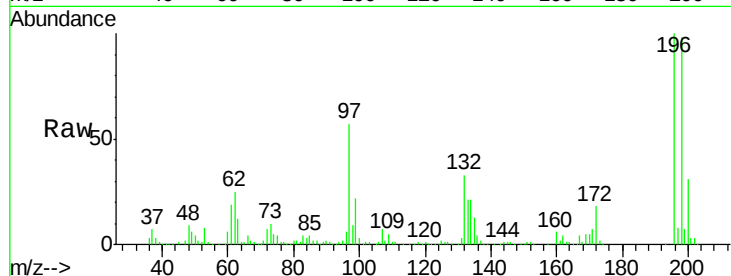




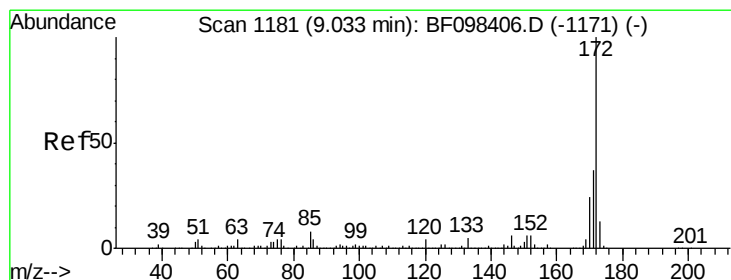
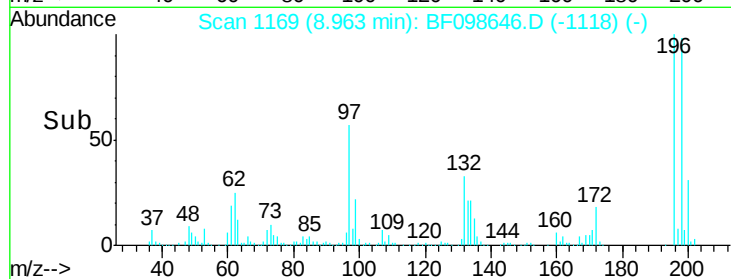
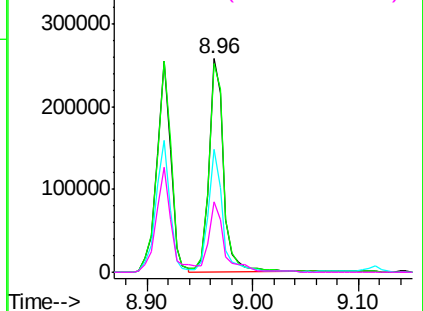
#43
 2,4,5-Trichlorophenol
 Concen: 50.37 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

Tot Ion	196	Resp	249686
Ion Ratio	Lower	Upper	
196	100		
198	97.8	75.7	113.5
97	57.5	47.7	71.5
132	33.1	28.0	42.0

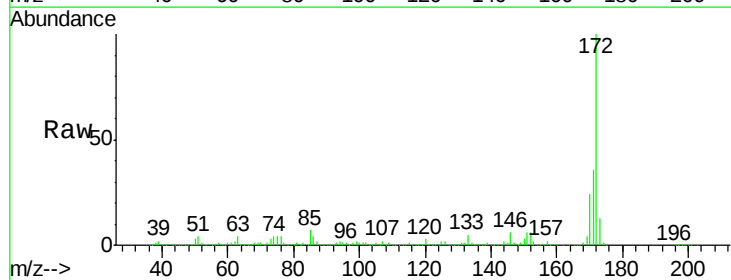


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

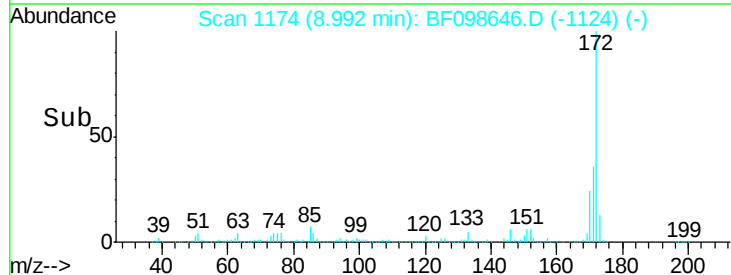
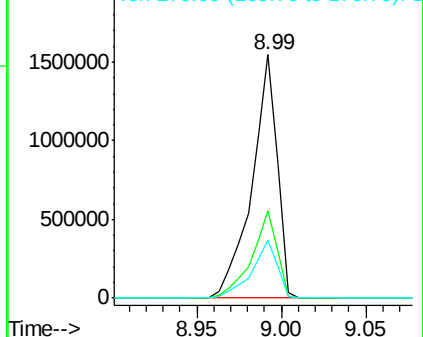


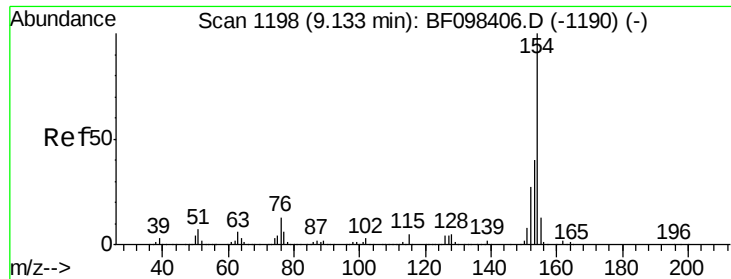
#44
 2-Fluorobiphenyl
 Concen: 105.95 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion	172	Resp	1620224
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.0	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

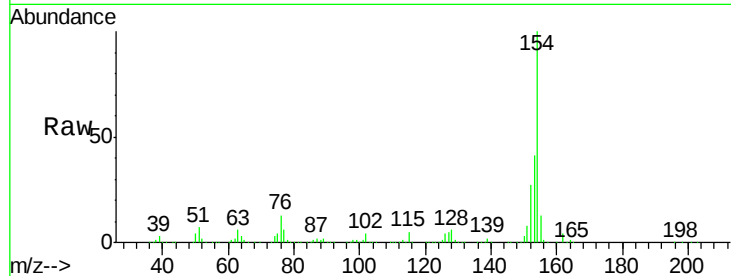




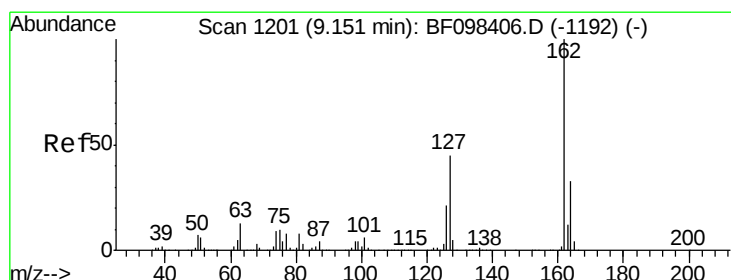
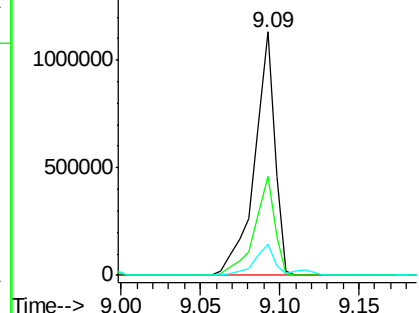
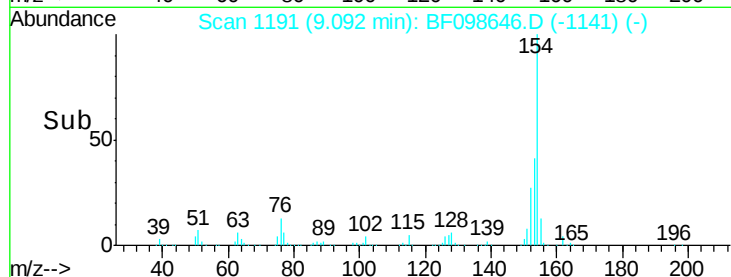
#45
 1,1'-Biphenyl
 Concen: 43.06 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	12.5	0.0	29.9

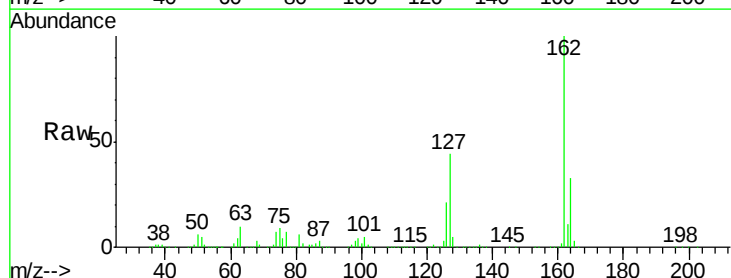


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

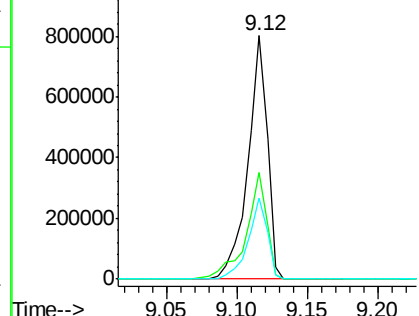
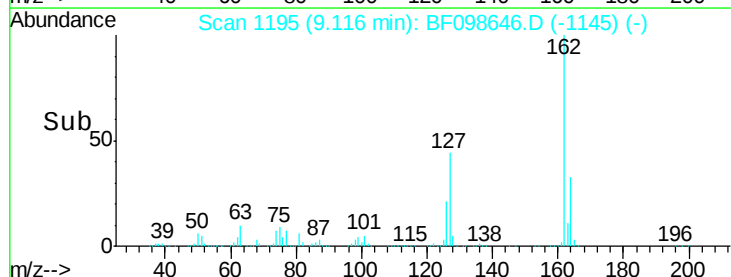


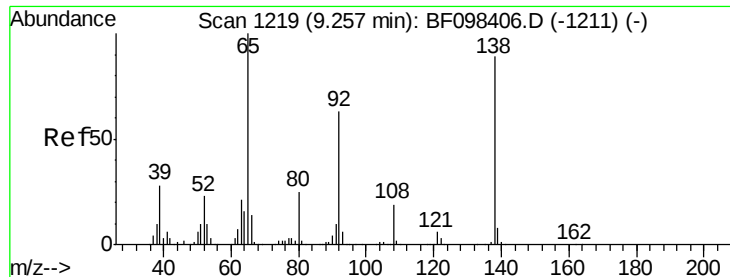
#46
 2-Chloronaphthalene
 Concen: 46.15 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.9	28.3	42.5#
164	33.1	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

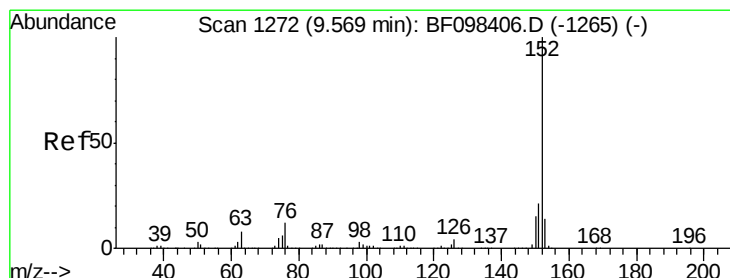
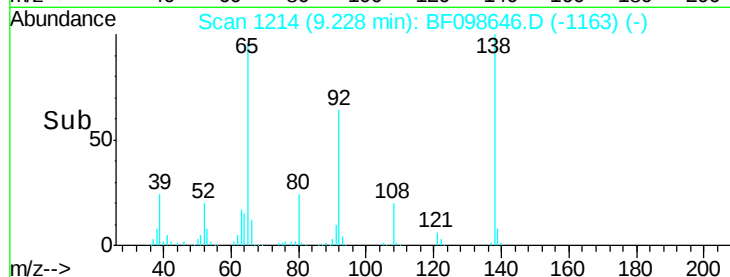
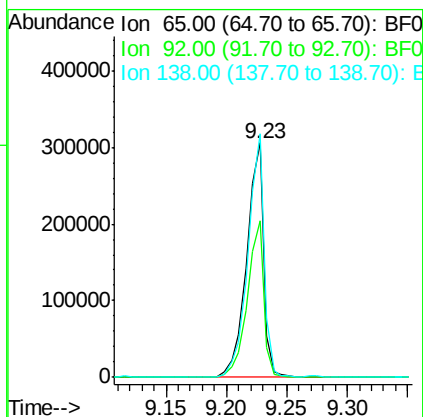
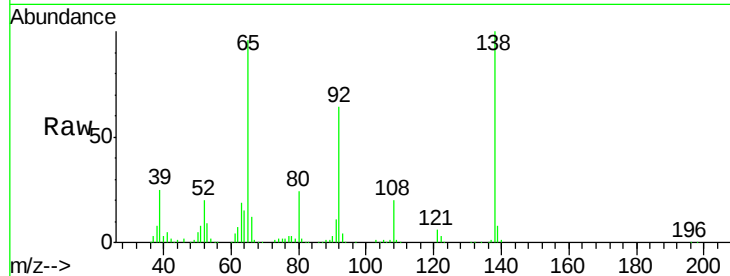




#47
2-Nitroaniline
Concen: 47.61 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

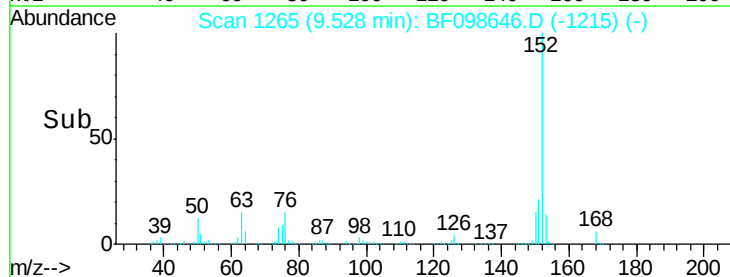
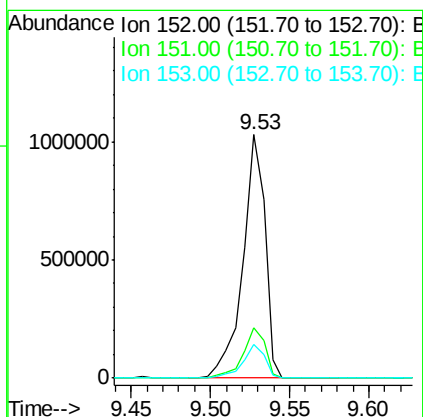
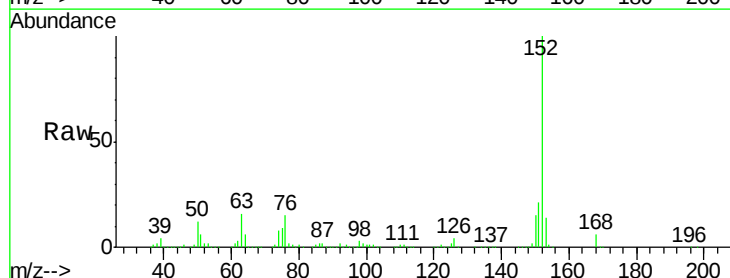
Instrument :
BNA_F
ClientSampleId :
PB102449BS

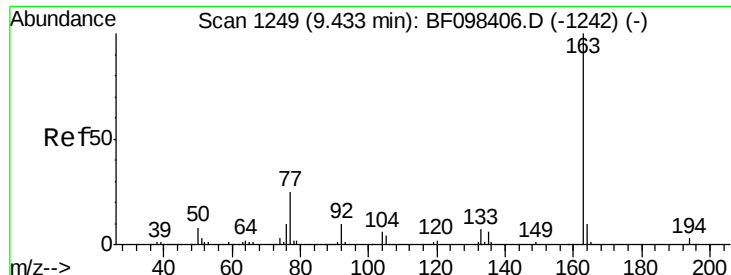
Tot Ion: 65 Resp: 302765
Ion Ratio Lower Upper
65 100
92 66.9 53.9 80.9
138 103.8 78.8 118.2



#48
Acenaphthylene
Concen: 40.37 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion: 152 Resp: 994524
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 14.0 10.8 16.2

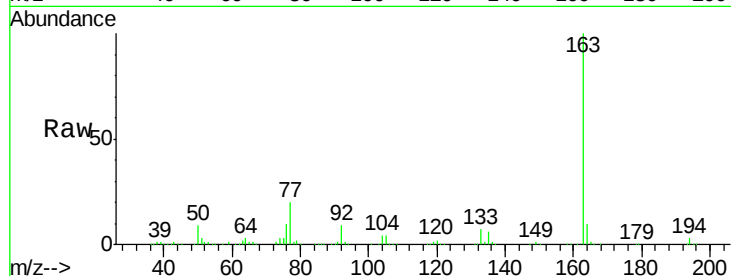




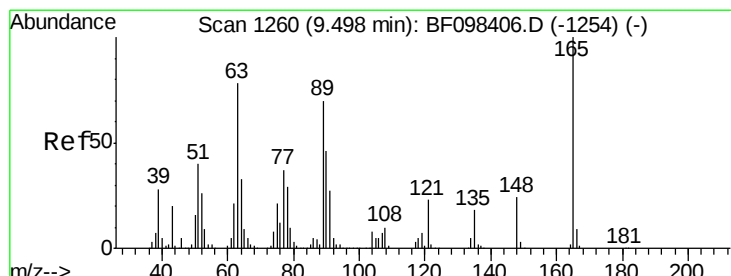
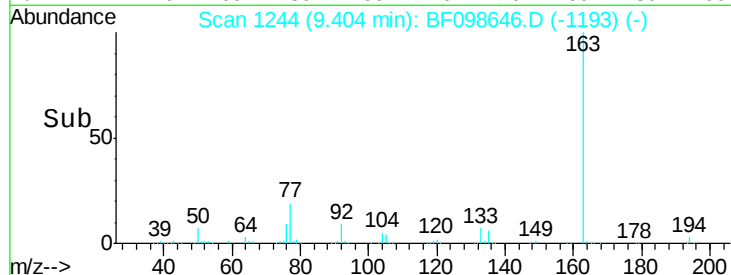
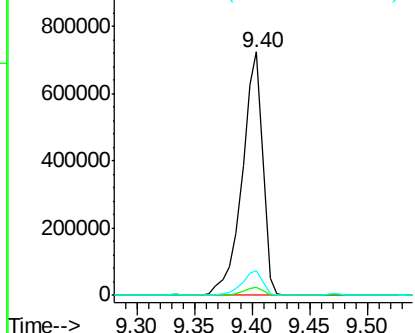
#49
Dimethylphthalate
Concen: 44.07 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Instrument :
BNA_F
ClientSampleId :
PB102449BS

Tot Ion:163 Resp: 884164
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6

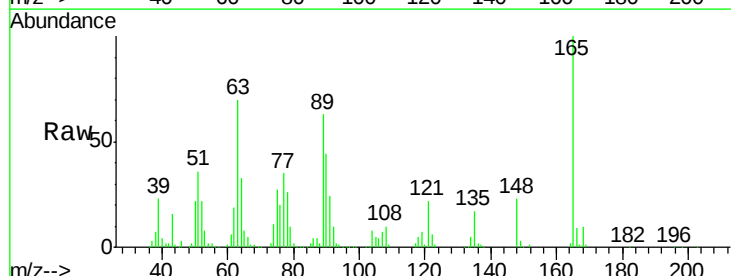


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

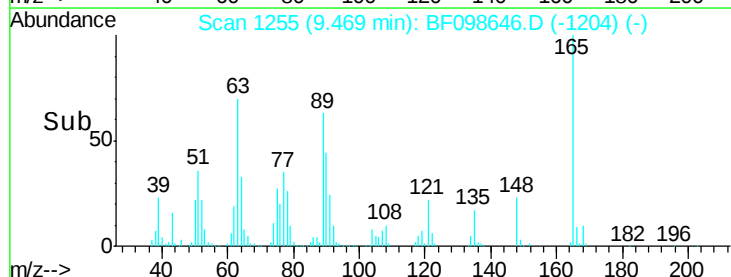
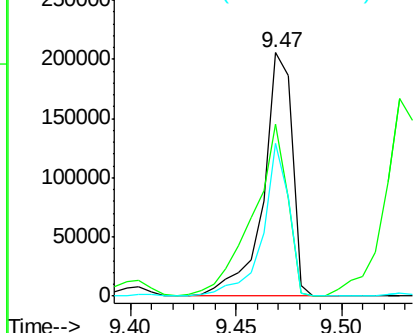


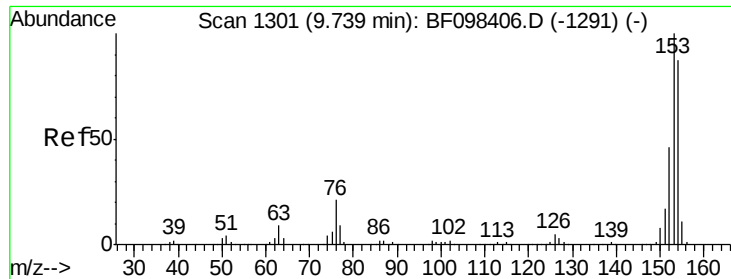
#50
2,6-Dinitrotoluene
Concen: 47.42 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion:165 Resp: 195440
Ion Ratio Lower Upper
165 100
63 70.4 34.3 51.5#
89 62.5 37.1 55.7#



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





#51

Acenaphthene

Concen: 40.64 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

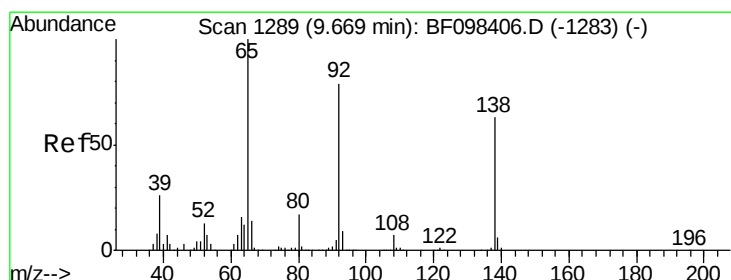
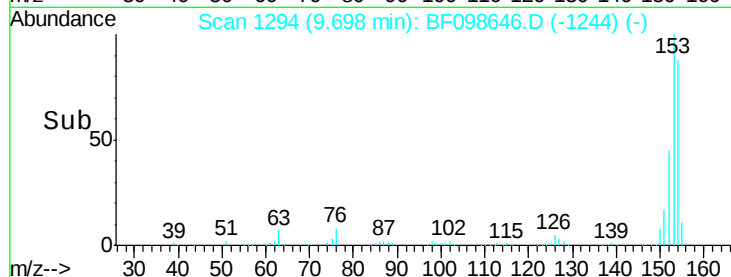
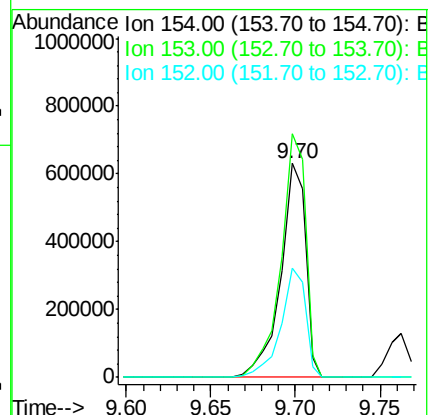
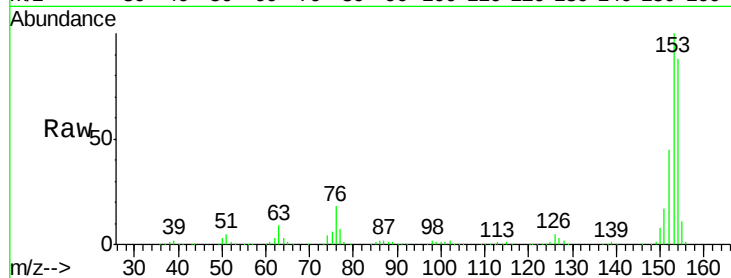
Tot Ion:154 Resp: 636468

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

152 50.8 43.6 65.4



#52

3-Nitroaniline

Concen: 29.00 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

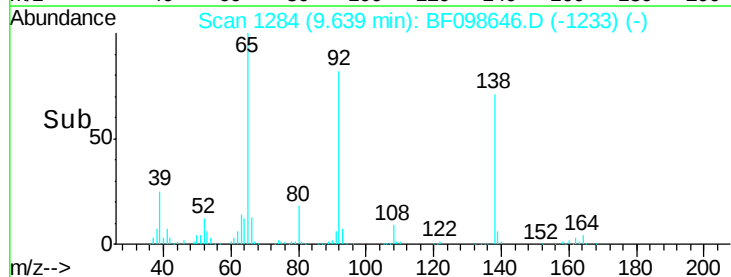
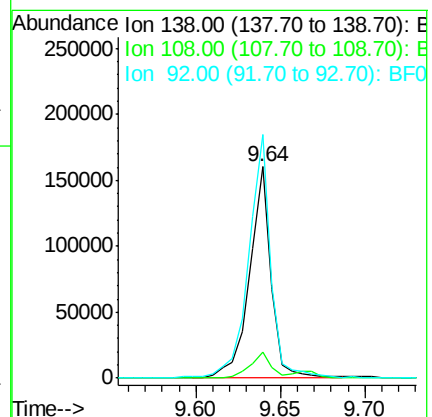
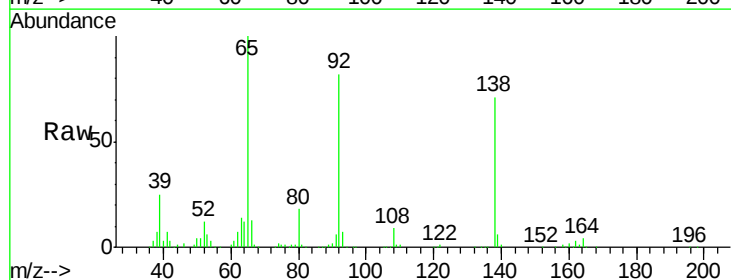
Tgt Ion:138 Resp: 144257

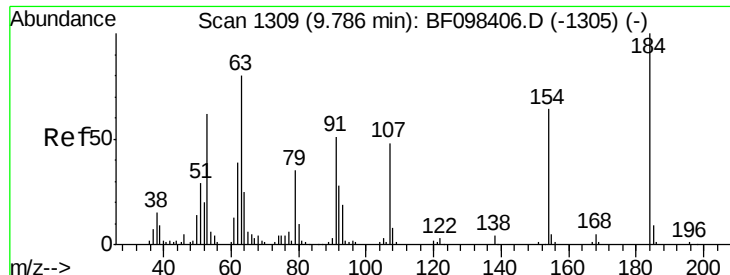
Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

92 115.2 93.8 140.6

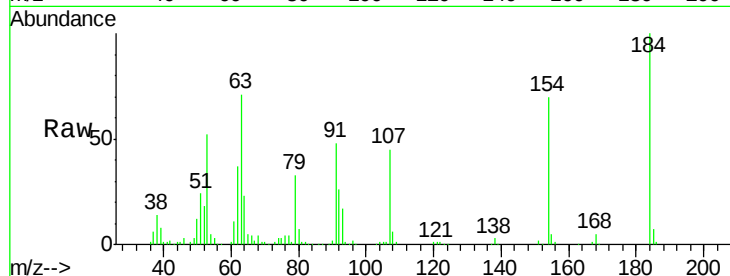




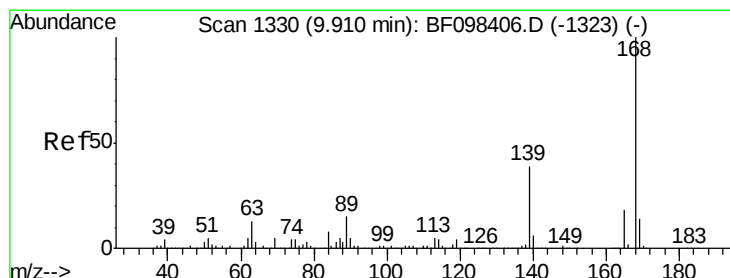
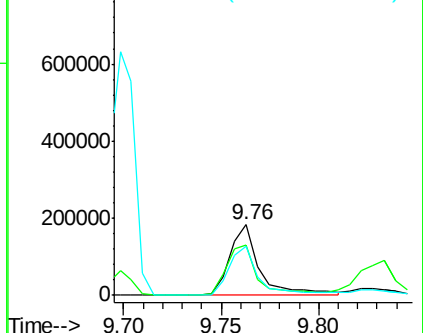
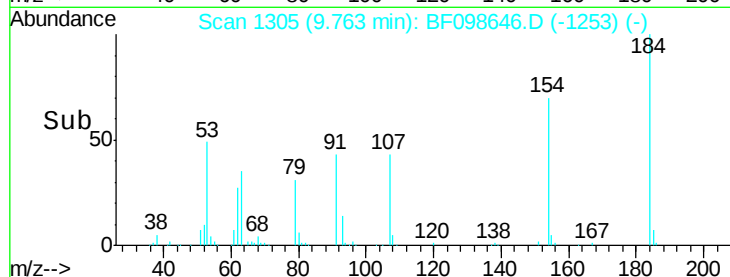
#53
 2,4-Dinitrophenol
 Concen: 97.76 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

Tot Ion:184 Resp: 194580
 Ion Ratio Lower Upper
 184 100
 63 70.8 62.7 94.1
 154 69.9 81.1 121.7#

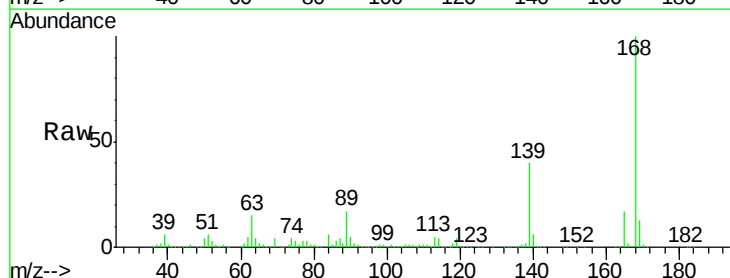


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

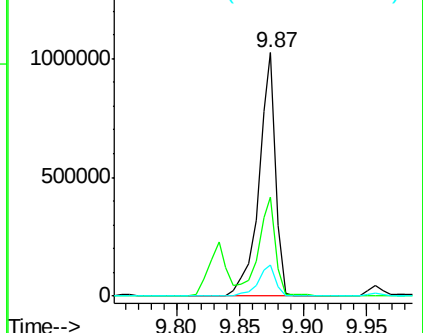
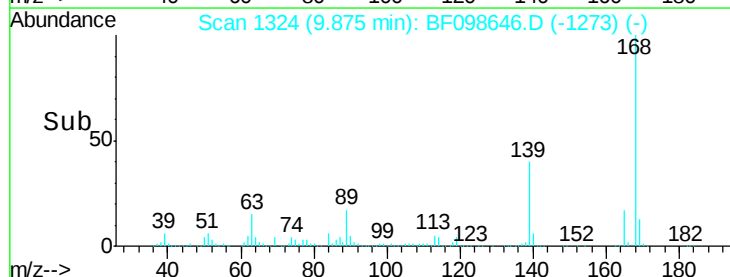


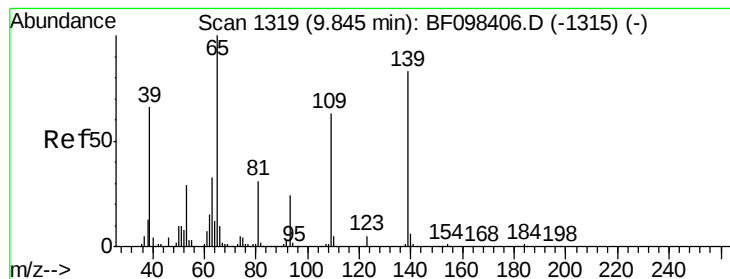
#54
 Dibenzofuran
 Concen: 45.85 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion:168 Resp: 945906
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.6 45.8
 169 12.9 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: 77.26 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

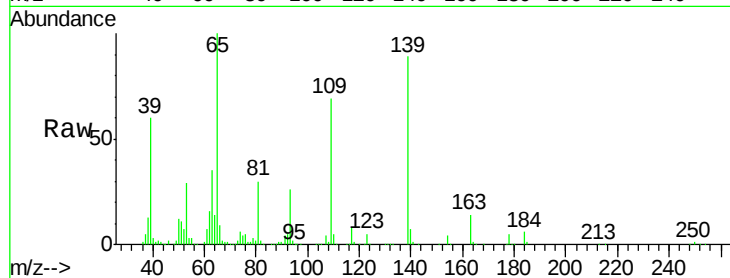
Tot Ion:139 Resp: 220838

Ion Ratio Lower Upper

139 100

109 77.4 34.1 74.1#

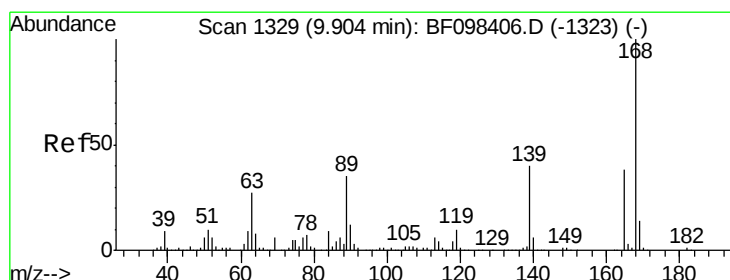
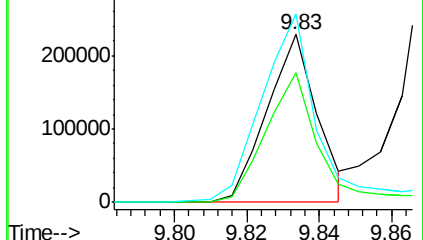
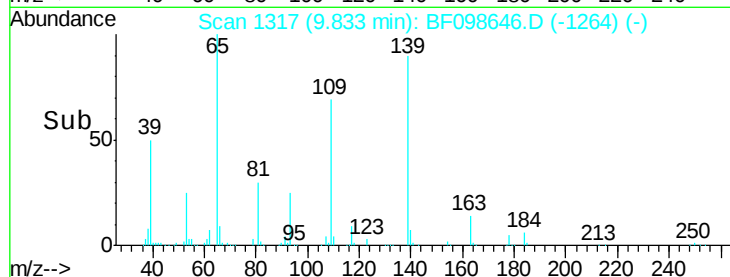
65 112.2 31.4 71.4#



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: 52.87 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Tgt Ion:165 Resp: 264889

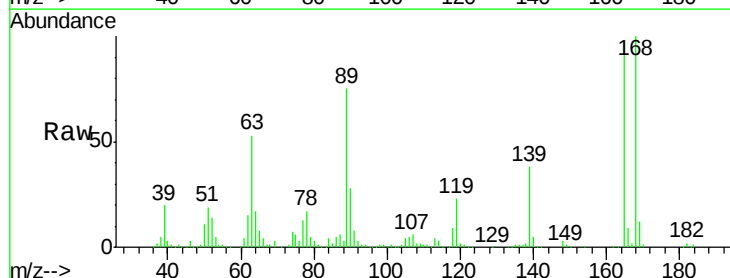
Ion Ratio Lower Upper

165 100

63 54.7 25.4 38.0#

89 77.7 46.4 69.6#

182 2.1 1.8 2.6

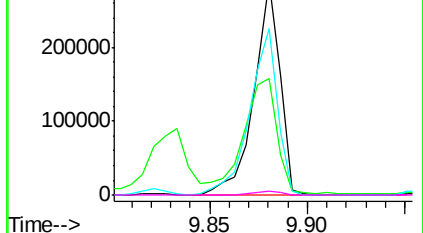
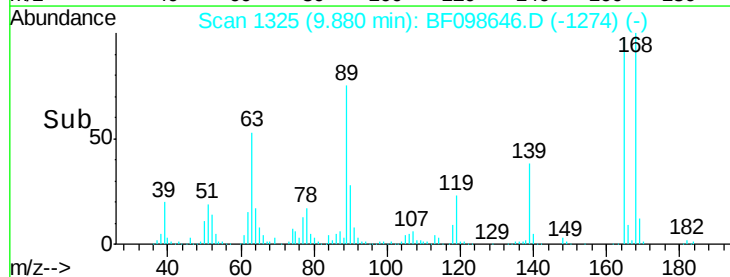


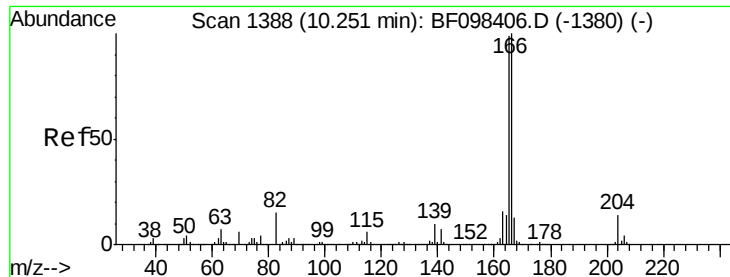
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.05 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampled :

PB102449BS

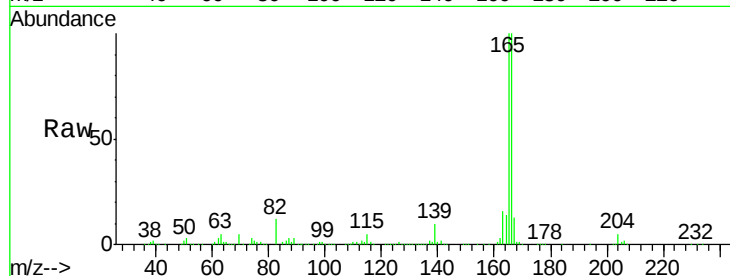
Tot Ion:166 Resp: 769307

Ion Ratio Lower Upper

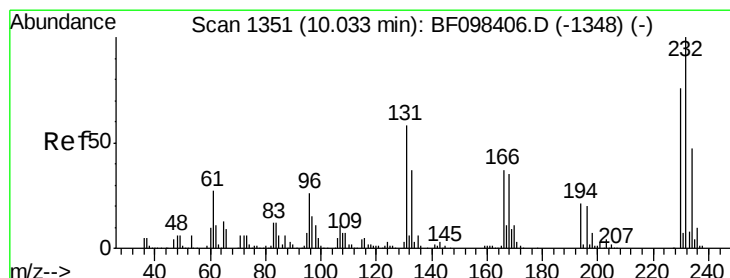
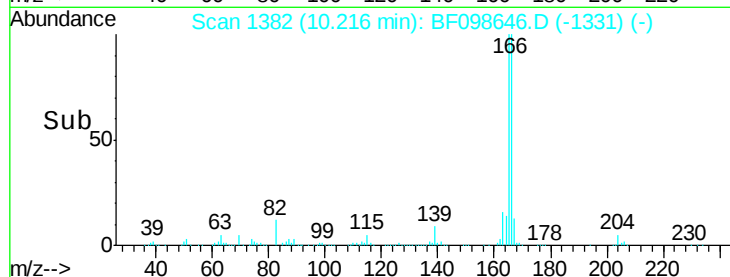
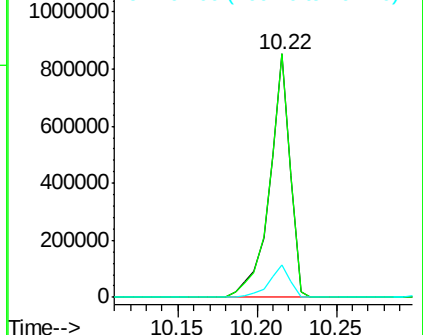
166 100

165 99.8 78.8 118.2

167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.77 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Tgt Ion:232 Resp: 182459

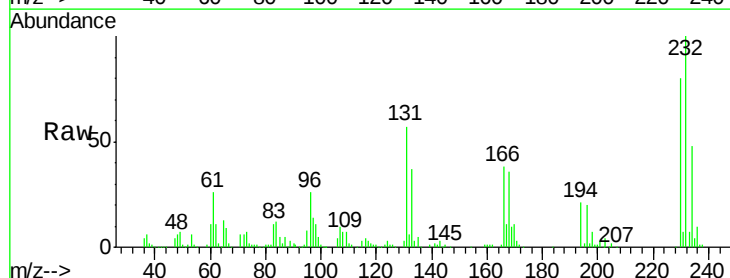
Ion Ratio Lower Upper

232 100

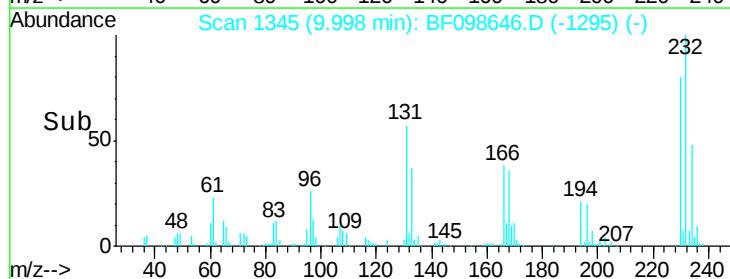
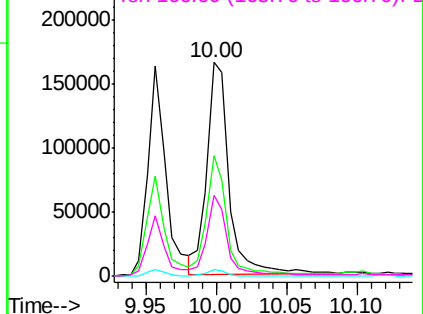
131 53.8 44.8 67.2

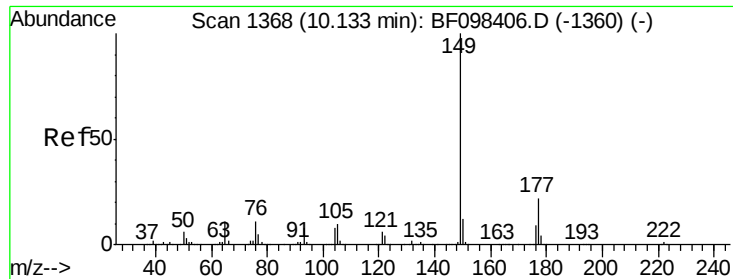
130 2.6 2.3 3.5

166 34.6 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

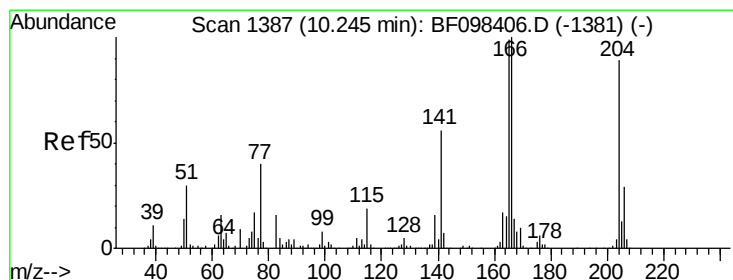
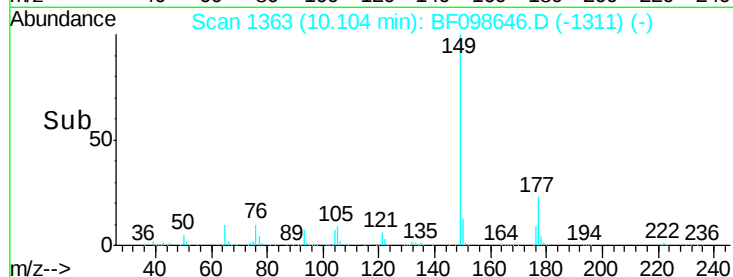
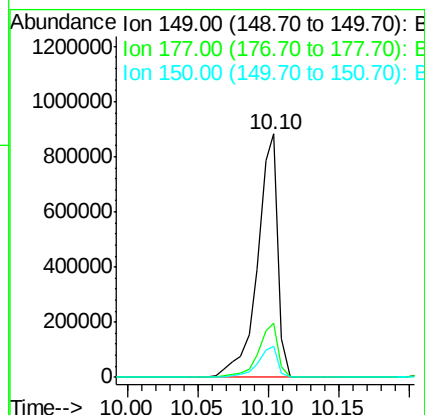
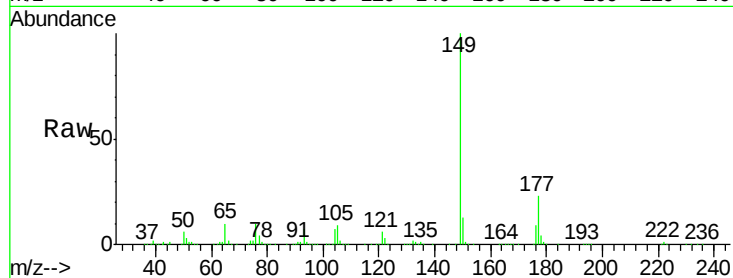




#59
Diethylphthalate
Concen: 46.73 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

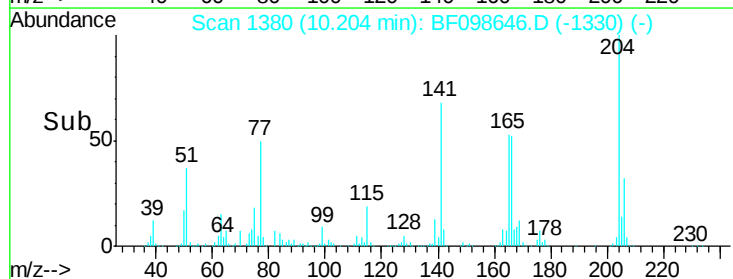
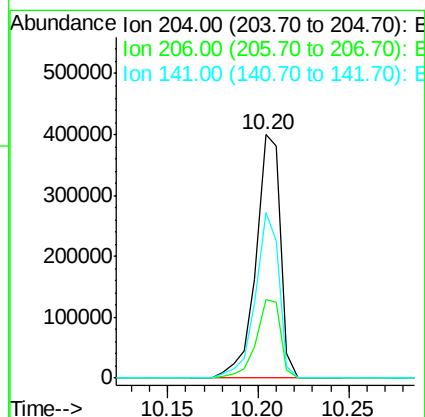
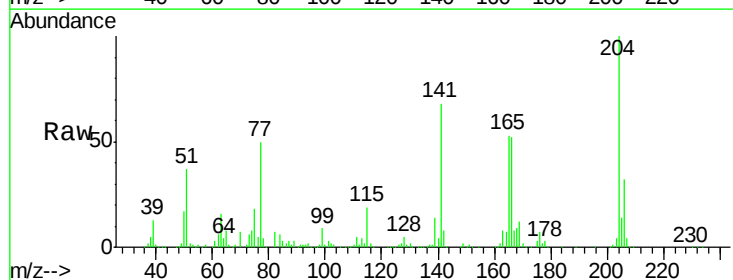
Instrument :
BNA_F
ClientSampleId :
PB102449BS

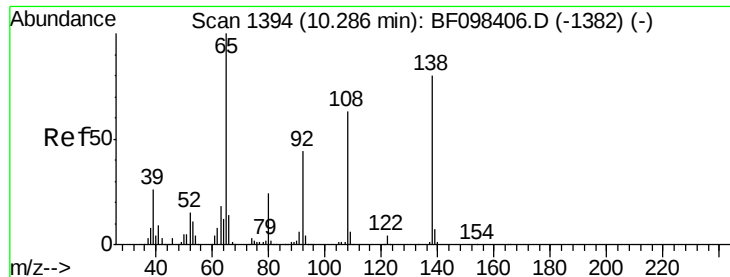
Tot Ion:149 Resp: 891698
Ion Ratio Lower Upper
149 100
177 22.5 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.68 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion:204 Resp: 376053
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 67.9 60.8 91.2

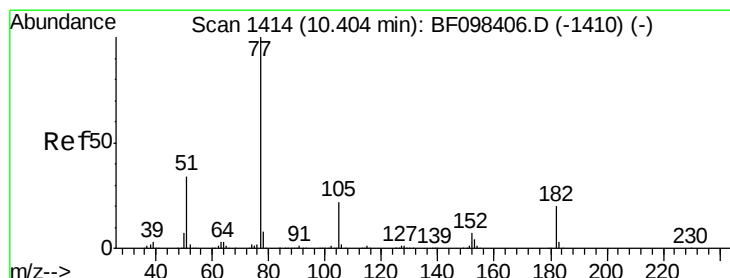
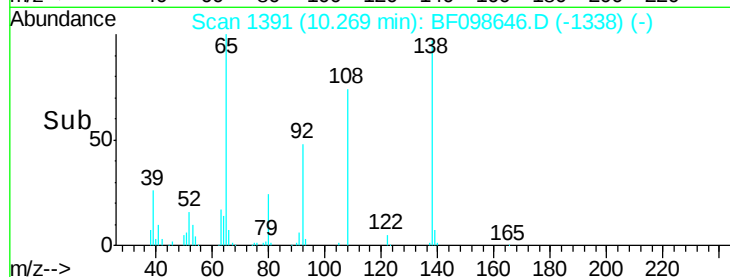
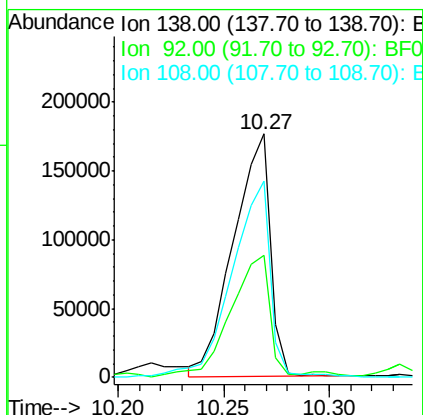
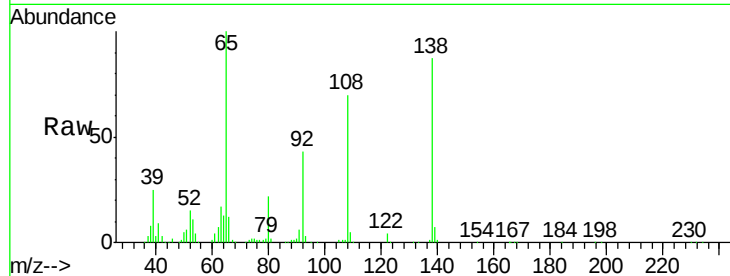




#61
4-Nitroaniline
Concen: 42.46 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

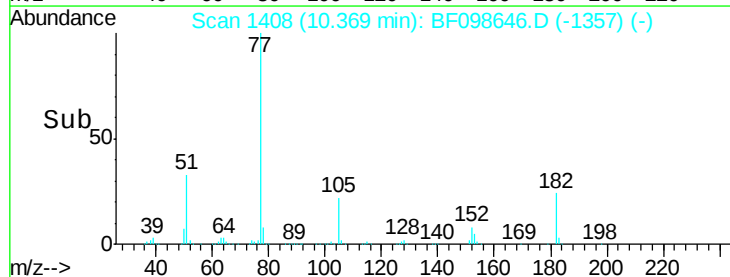
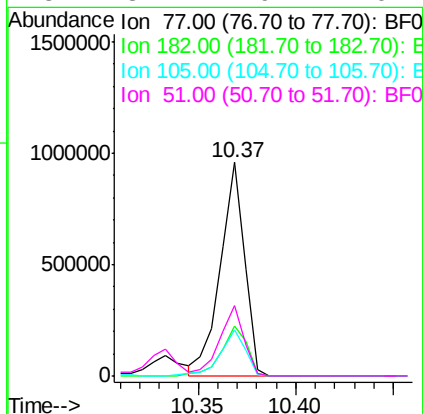
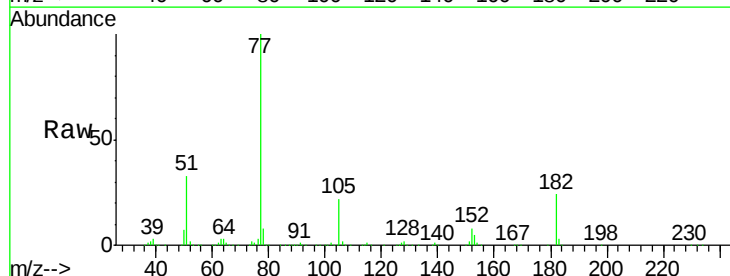
Instrument :
BNA_F
ClientSampleId :
PB102449BS

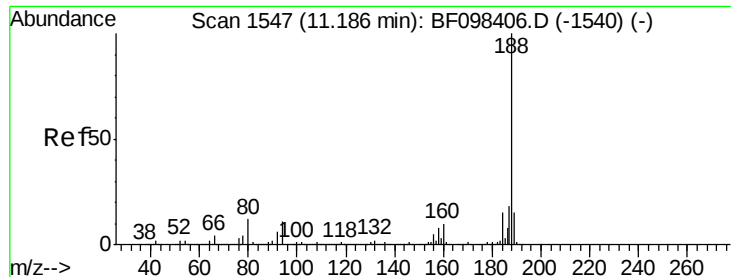
Tot Ion:138 Resp: 213346
Ion Ratio Lower Upper
138 100
92 49.9 21.8 61.8
108 80.4 42.3 82.3



#62
Azobenzene
Concen: 40.20 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion: 77 Resp: 826677
Ion Ratio Lower Upper
77 100
182 23.5 0.1 40.1
105 21.8 3.6 43.6
51 32.7 9.4 49.4

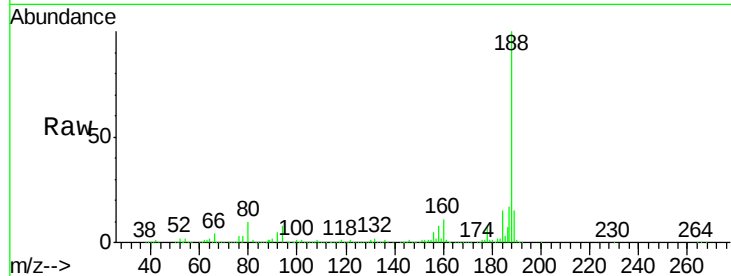




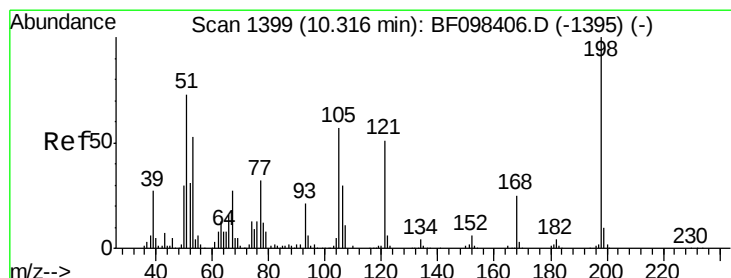
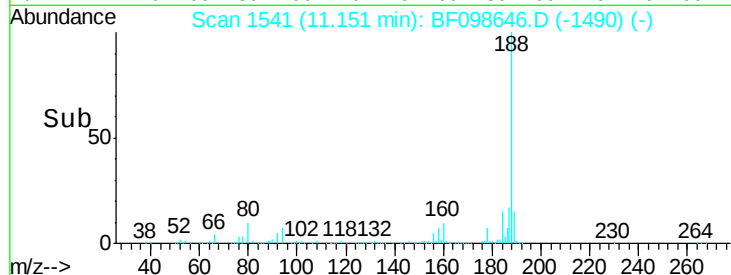
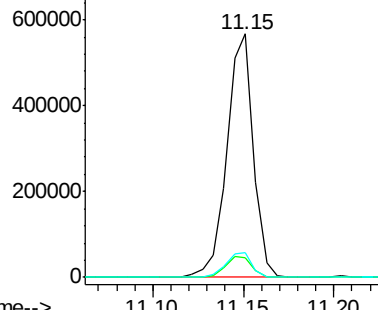
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

Tot Ion:188 Resp: 573350
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.4 14.2#
 80 10.0 10.2 15.2#

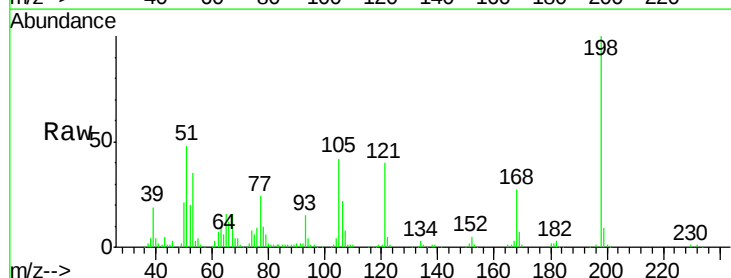


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

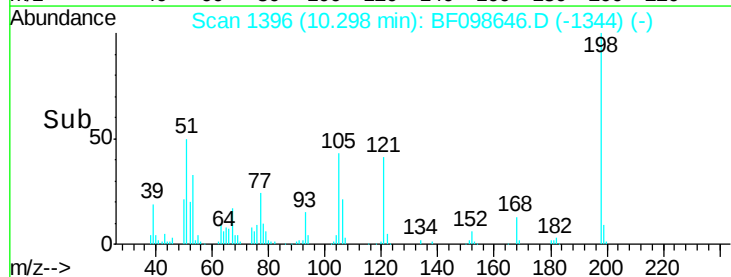
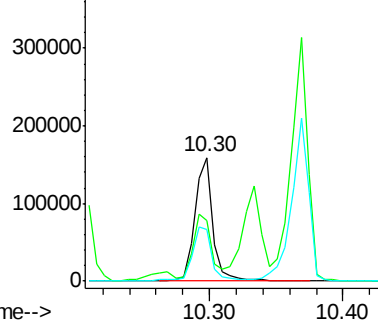


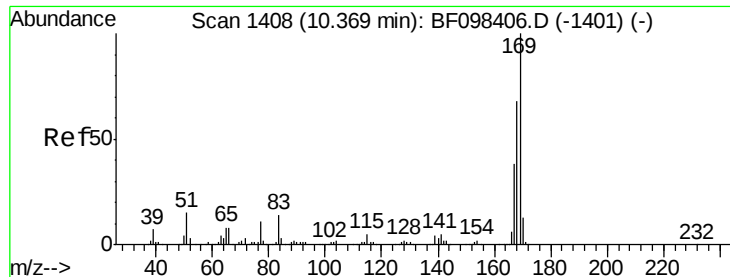
#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.76 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion:198 Resp: 152181
 Ion Ratio Lower Upper
 198 100
 51 48.4 53.2 93.2#
 105 42.1 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

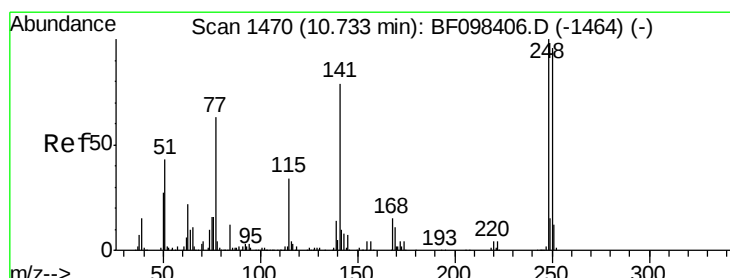
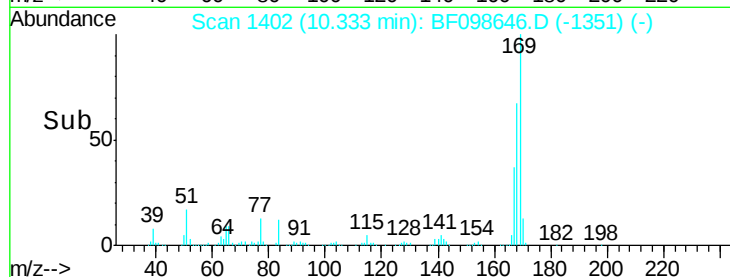
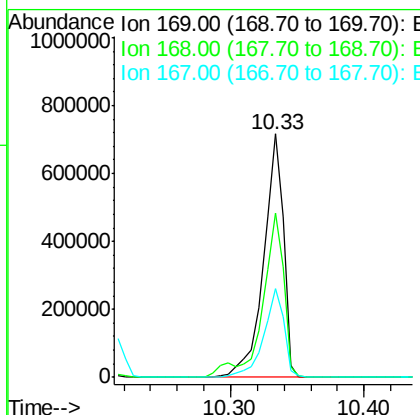
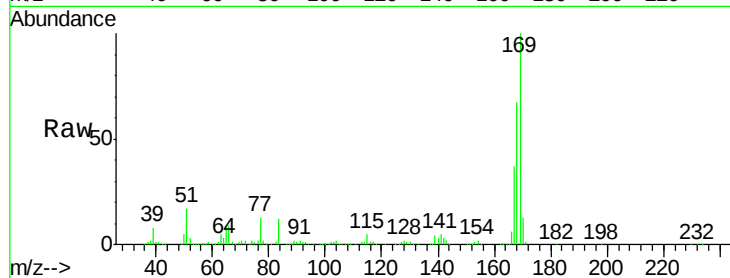




#65
n-Nitrosodiphenylamine
Concen: 39.48 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

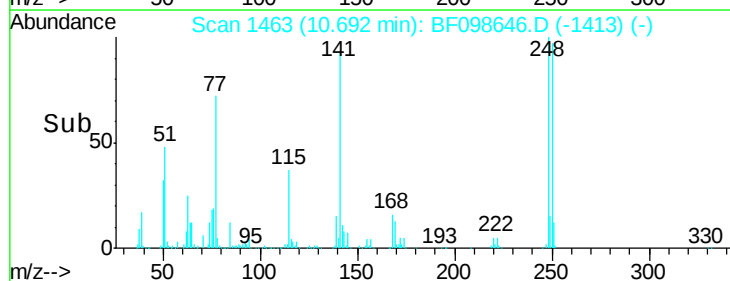
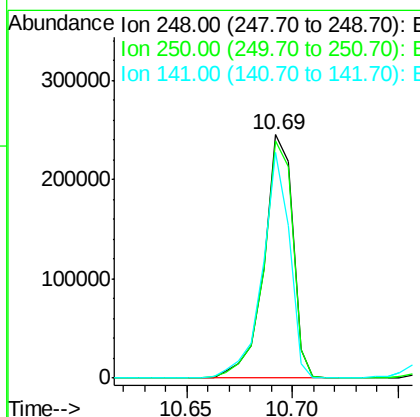
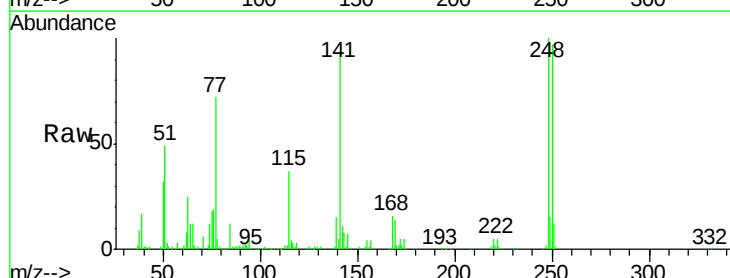
Instrument :
BNA_F
ClientSampleId :
PB102449BS

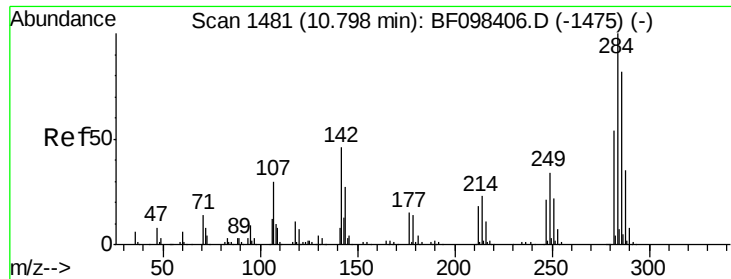
Tot Ion:169 Resp: 735022
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.5 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 42.74 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion:248 Resp: 232553
Ion Ratio Lower Upper
248 100
250 97.5 76.8 115.2
141 92.9 68.6 103.0

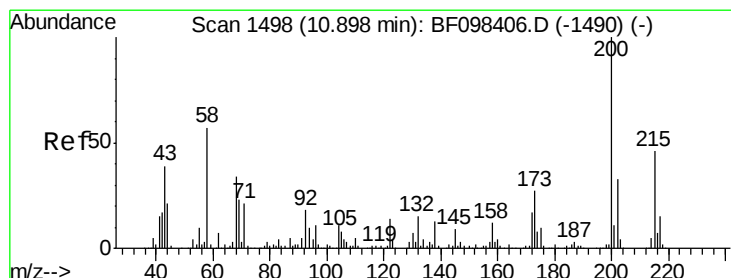
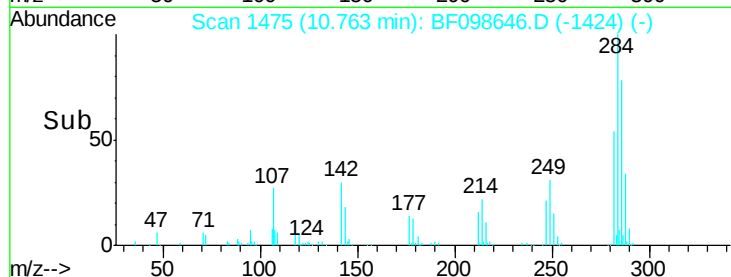
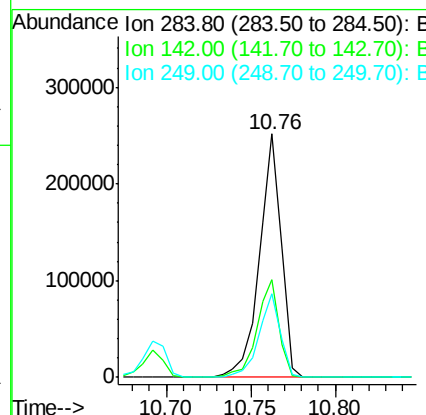
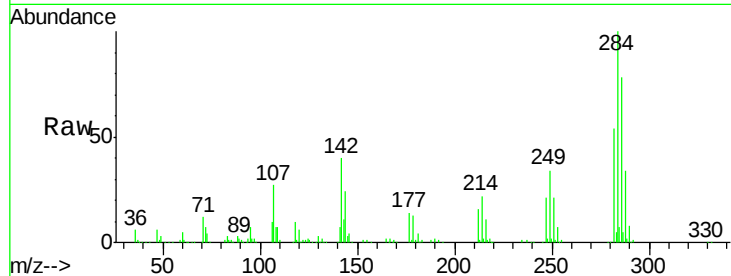




#67
Hexachlorobenzene
Concen: 41.06 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

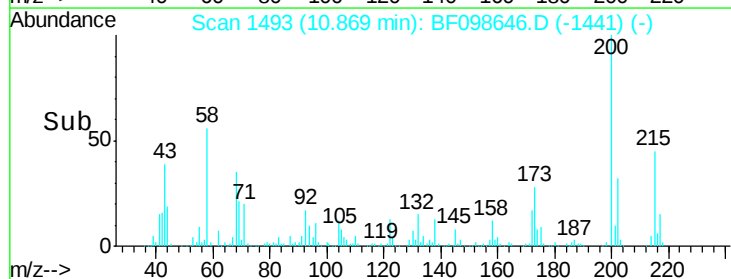
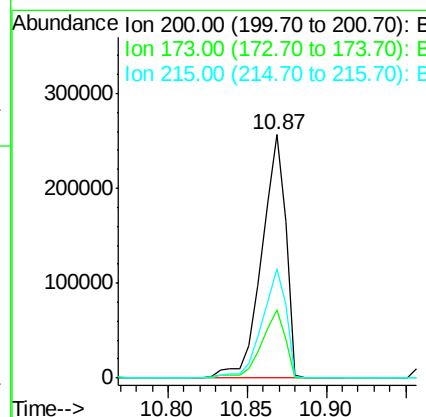
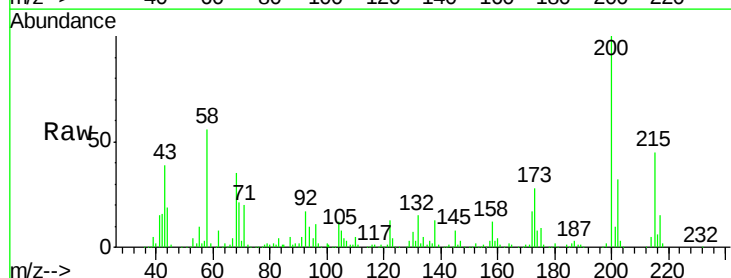
Instrument :
BNA_F
ClientSampleId :
PB102449BS

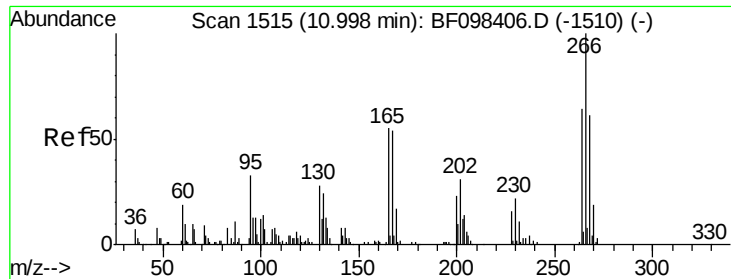
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.9	22.8	34.2#
249	34.2	24.0	36.0



#68
Atrazine
Concen: 47.73 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.3	46.3
215	44.7	27.2	67.2

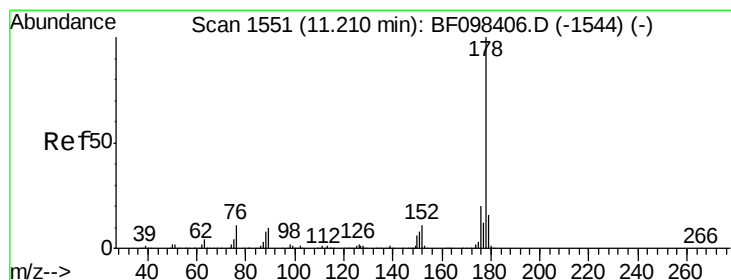
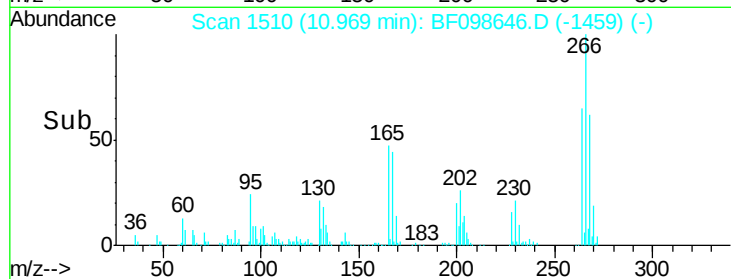
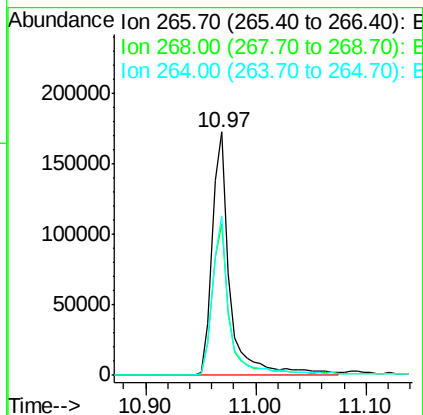
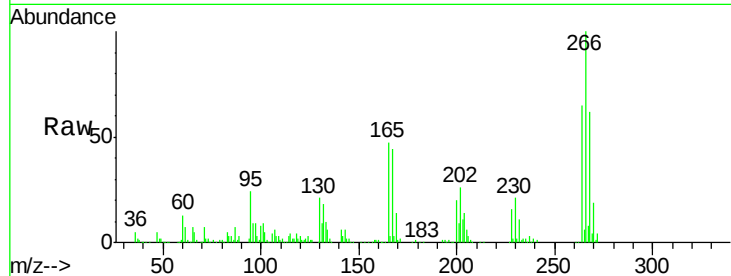




#69
 Pentachlorophenol
 Concen: 77.74 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

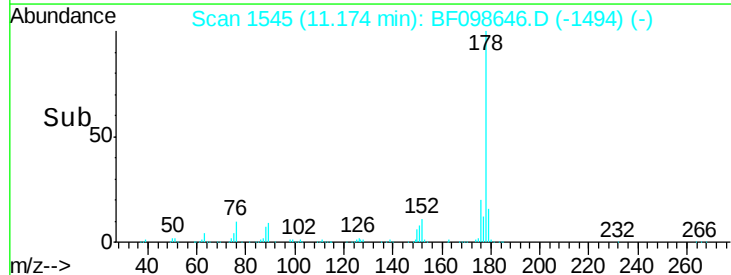
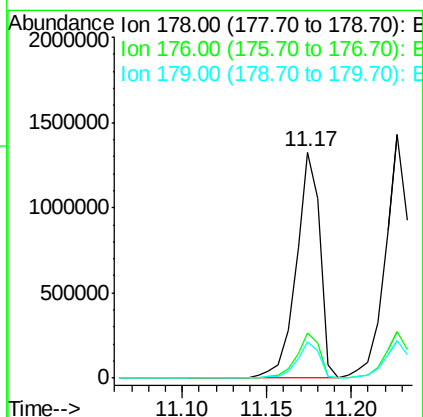
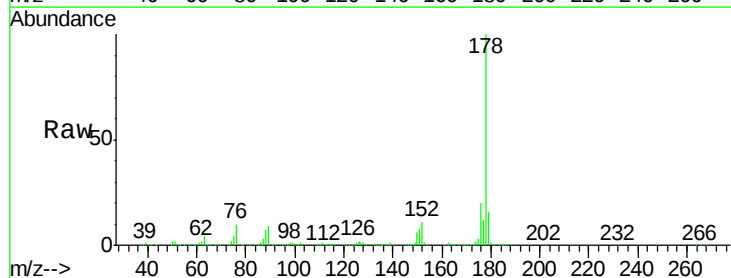
Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

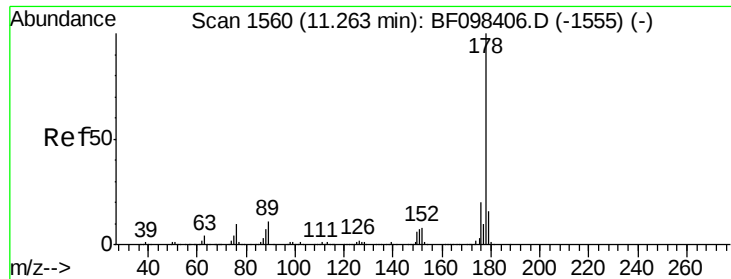
Tot Ion:266 Resp: 189413
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 65.4 51.7 77.5



#70
 Phenanthrene
 Concen: 42.39 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.00 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion:178 Resp: 1288446
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 16.0 12.6 19.0

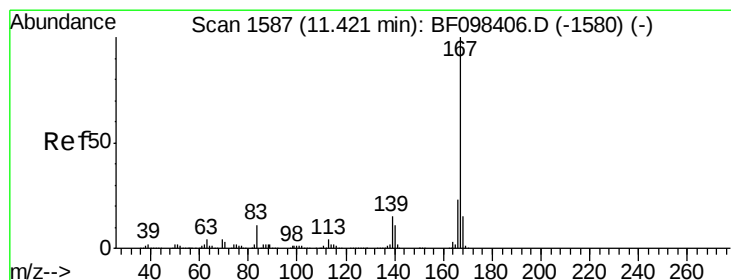
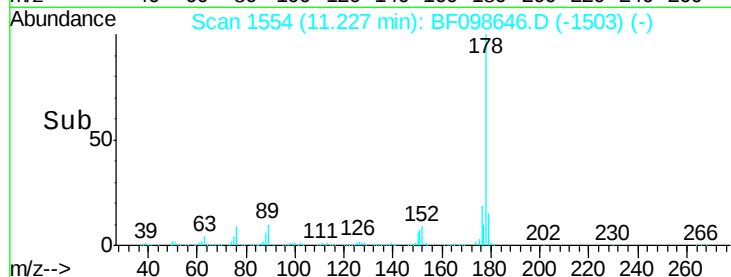
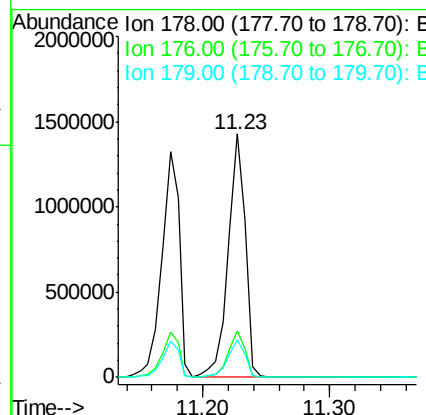
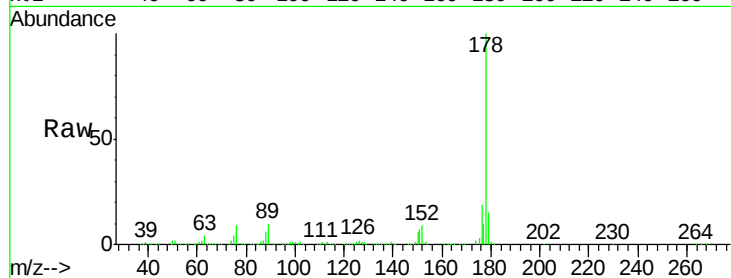




#71
 Anthracene
 Concen: 42.77 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

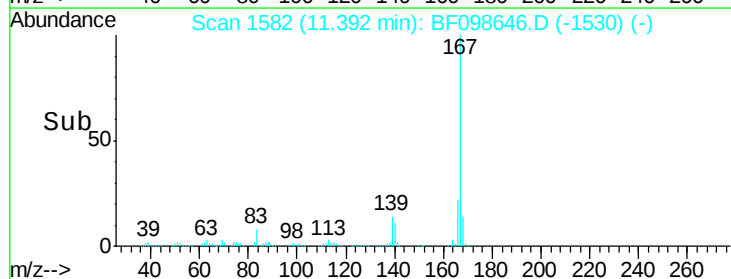
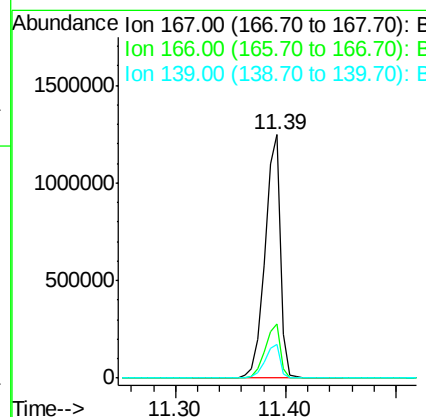
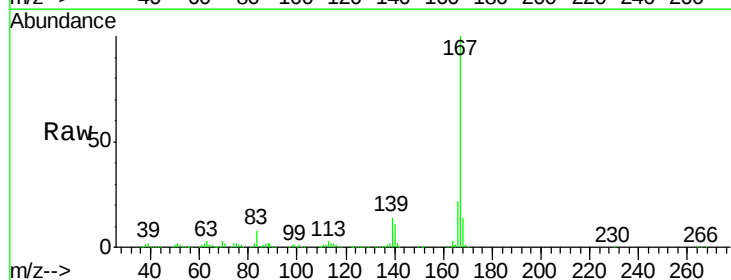
Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

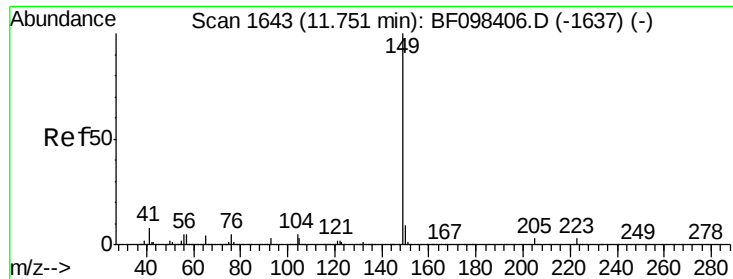
Tot Ion:178 Resp: 1334606
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 41.96 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion:167 Resp: 1220339
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.52 ng

RT: 11.72 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

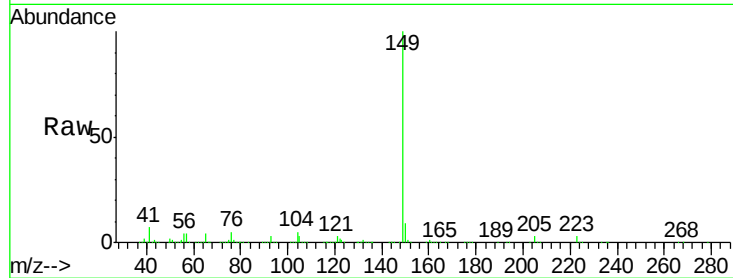
BNA_F

ClientSampleId :

PB102449BS

Tot Ion:149 Resp: 1551217

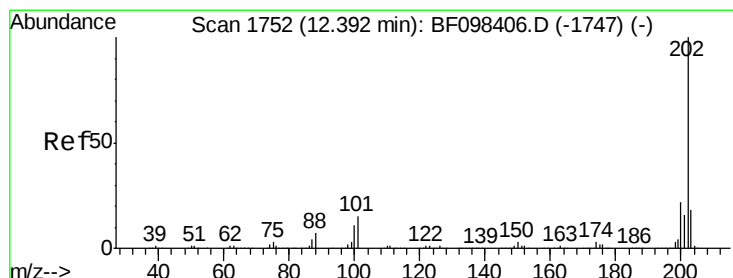
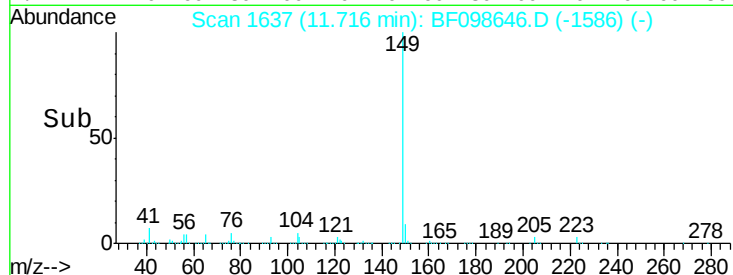
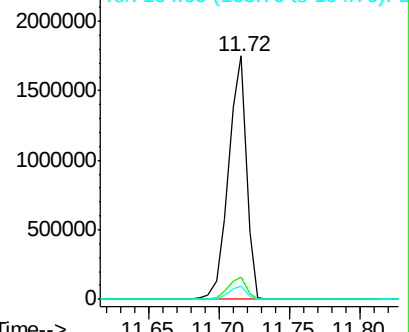
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.2	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.57 ng

RT: 12.36 min Scan# 1747

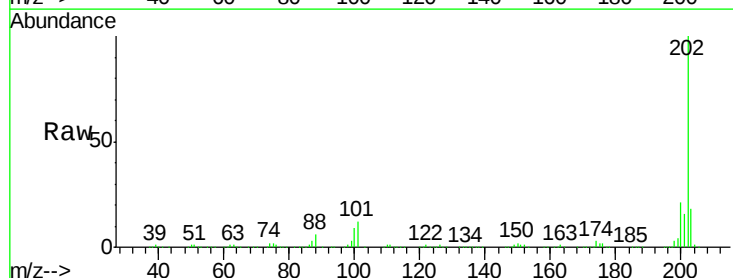
Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Tgt Ion:202 Resp: 1478017

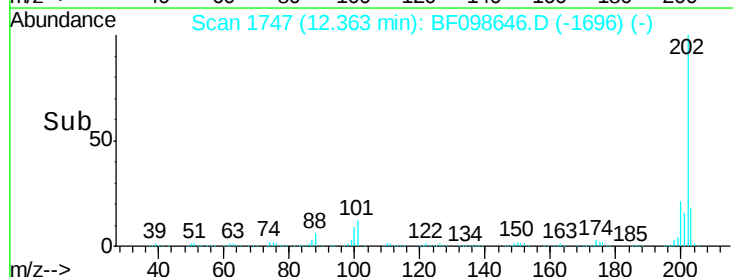
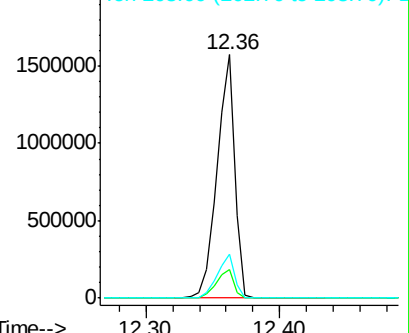
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.9	0.0	38.1

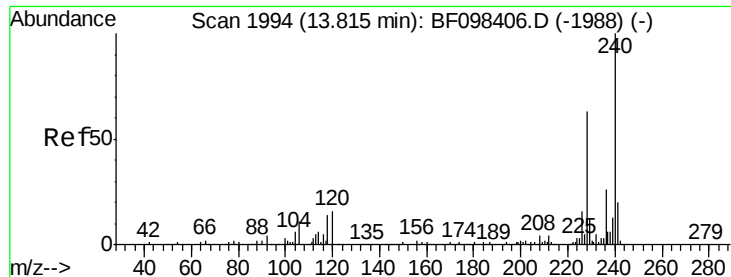


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

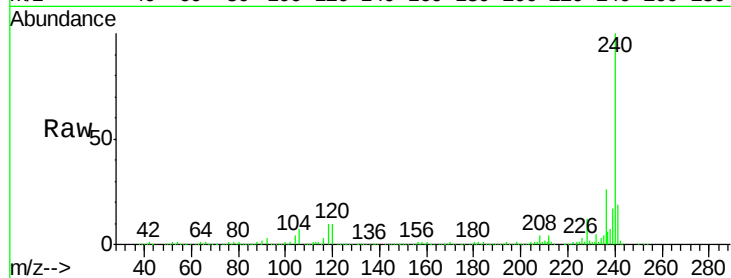
Tot Ion:240 Resp: 585564

Ion Ratio Lower Upper

240 100

120 10.1 5.8 8.8#

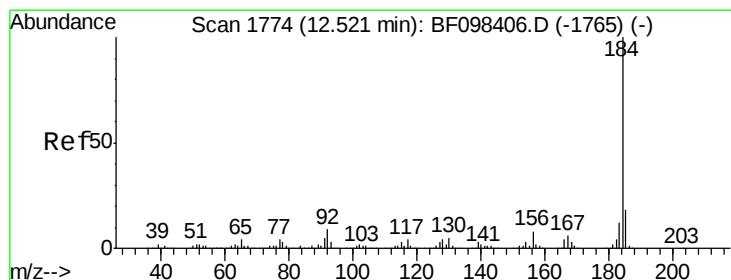
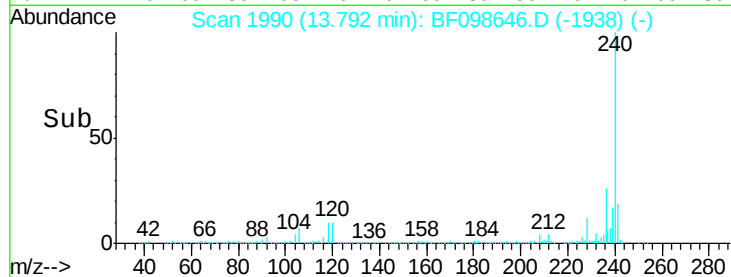
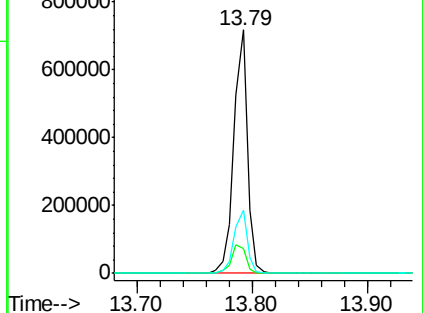
236 26.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.77 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

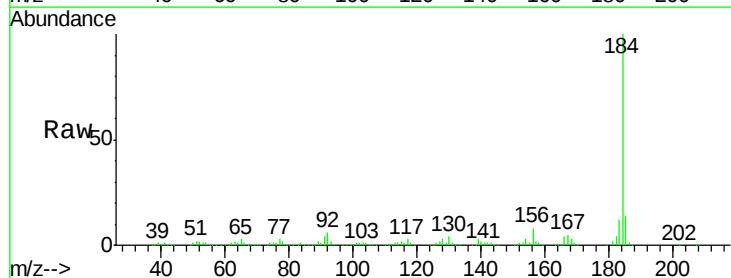
Tgt Ion:184 Resp: 875115

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

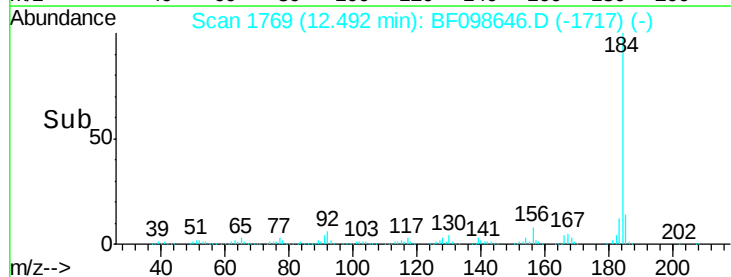
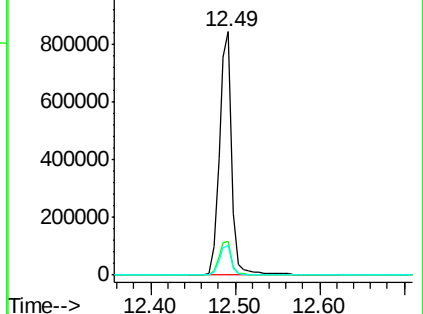
183 12.5 9.8 14.6

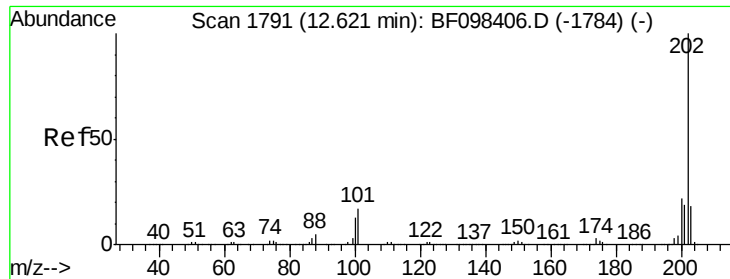


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

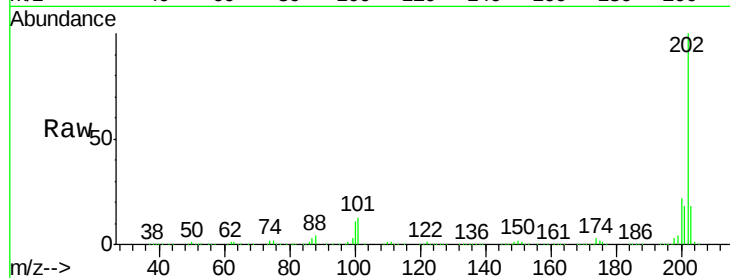




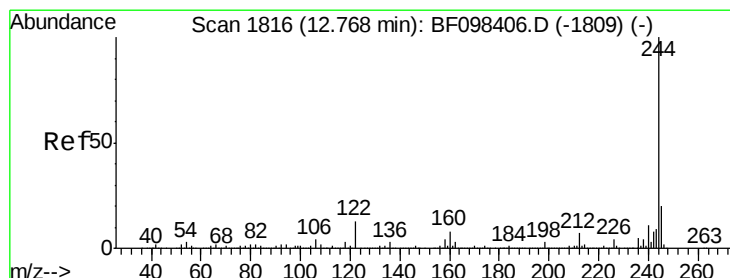
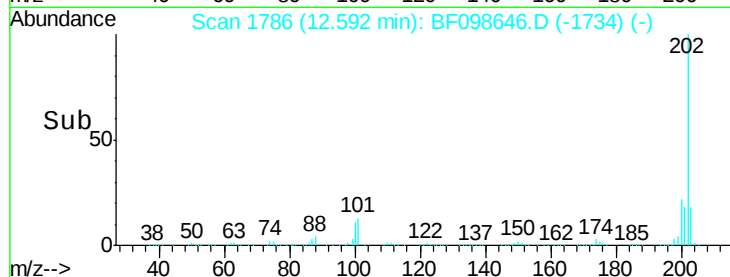
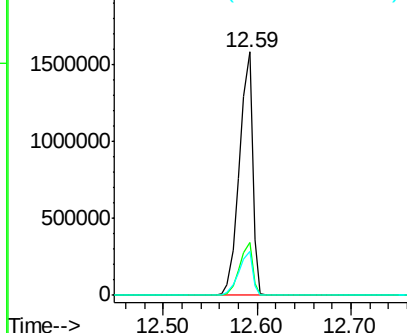
#77
 Pvrene
 Concen: 33.59 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BS

Tot Ion:202 Resp: 1551822
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.6 26.4
 203 18.0 14.4 21.6

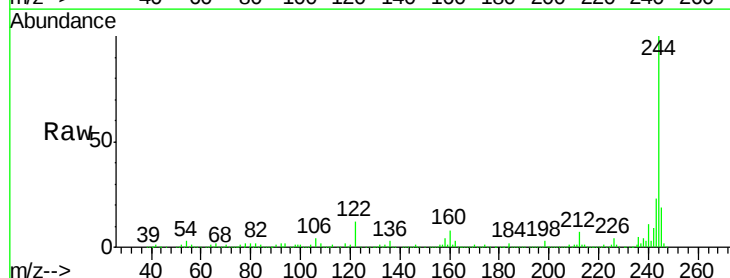


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

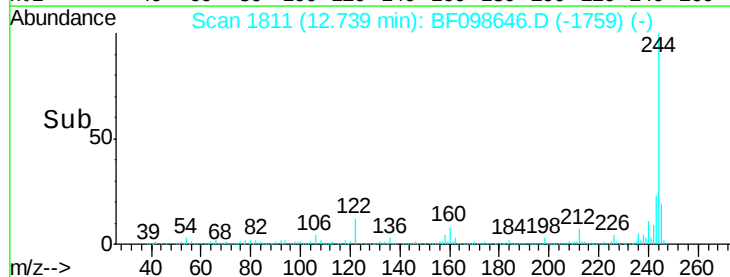
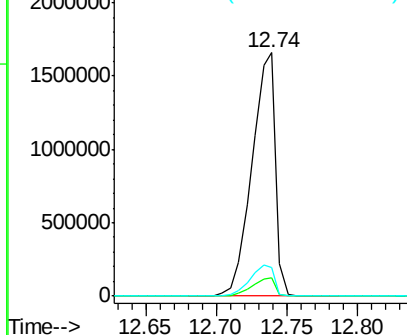


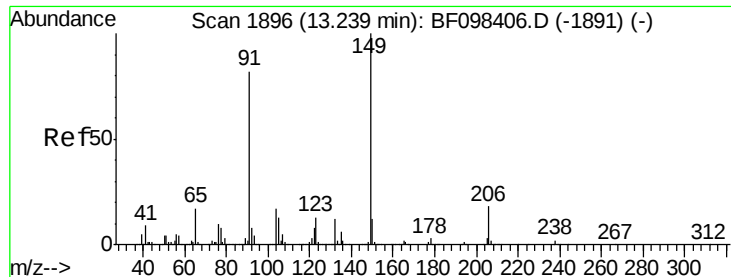
#78
 Terphenyl-d14
 Concen: 71.63 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: BF098646.D
 Acq: 19 Sep 2017 17:33

Tgt Ion:244 Resp: 1943244
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.0 10.3 15.5



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

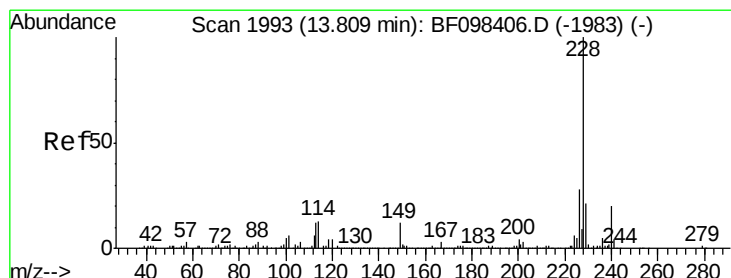
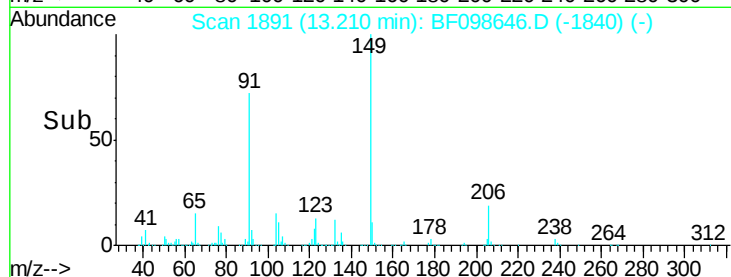
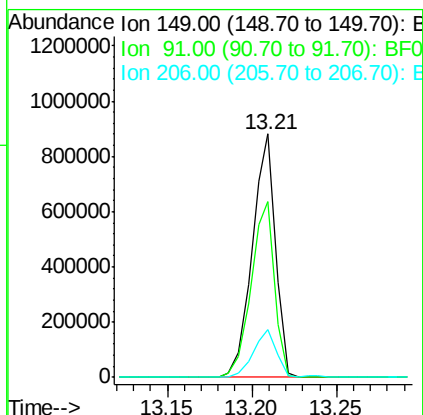
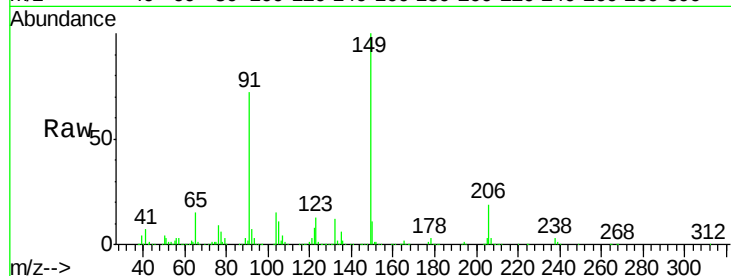




#79
Butylbenzylphthalate
Concen: 42.29 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

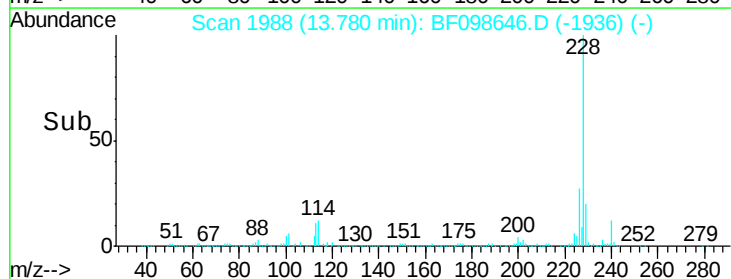
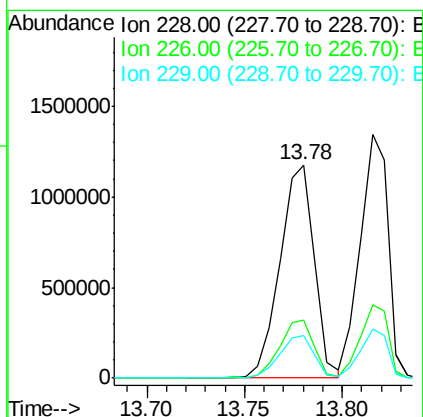
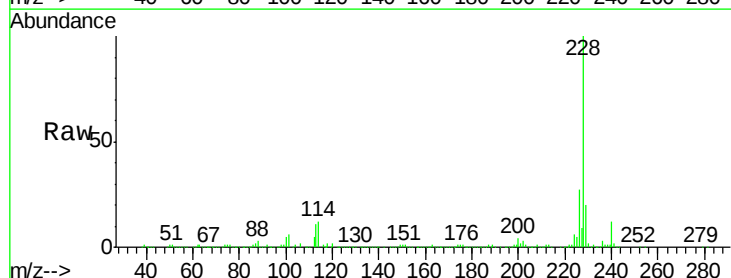
Instrument :
BNA_F
ClientSampleId :
PB102449BS

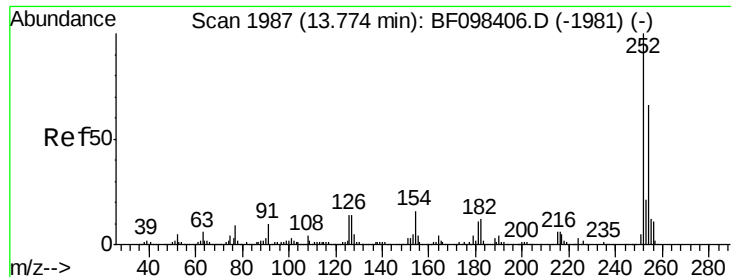
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	45.0	67.4#
206	19.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 41.73 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.0	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 22.11 ng

RT: 13.74 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

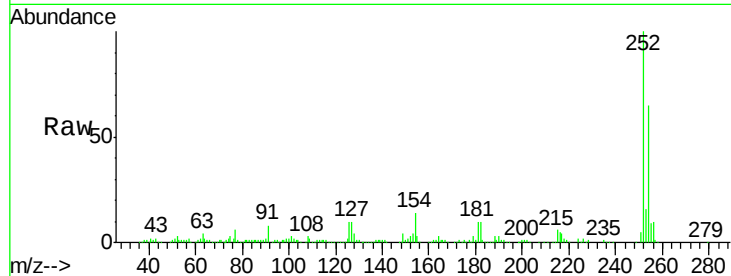
Tot Ion:252 Resp: 295009

Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

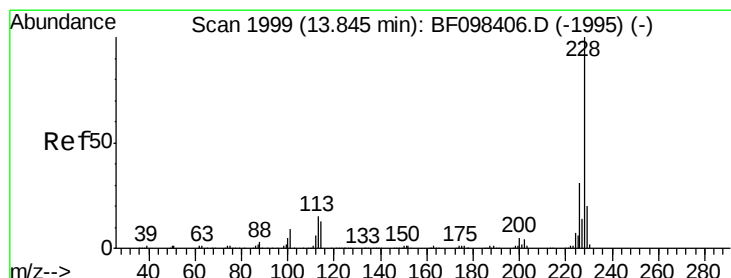
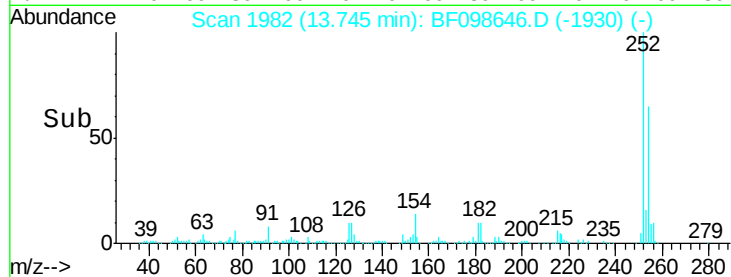
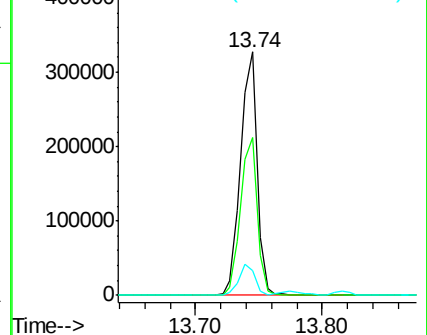
126 10.2 15.8 23.8#



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: 38.60 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

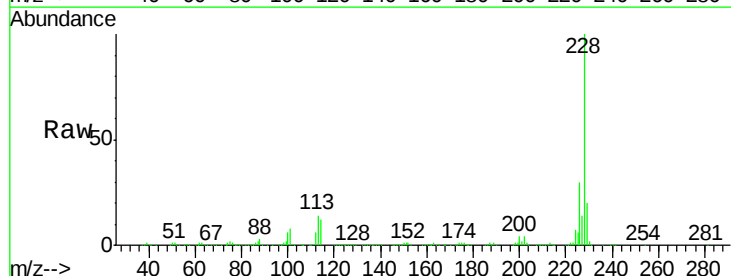
Tgt Ion:228 Resp: 1339376

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

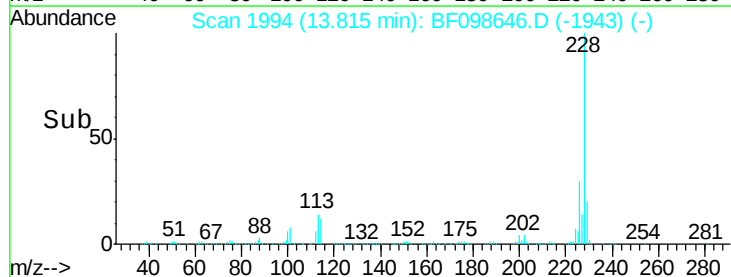
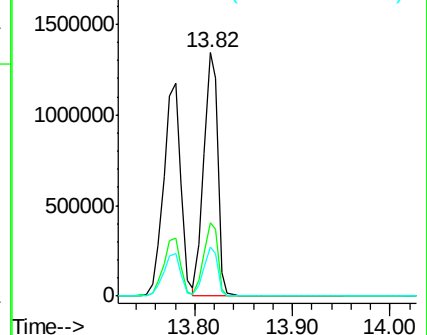
229 20.4 15.8 23.6

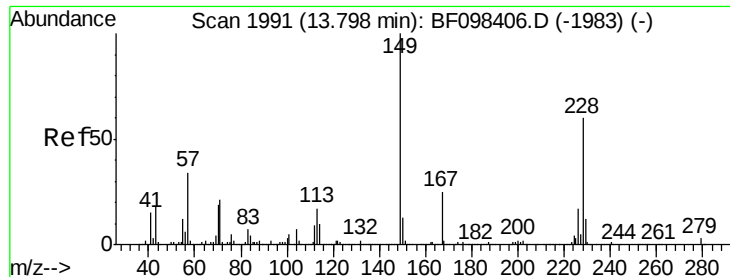


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.72 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

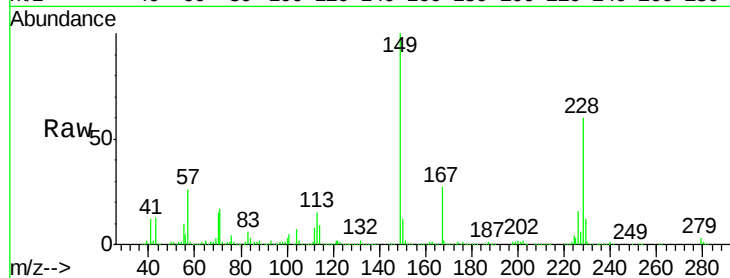
Tot Ion:149 Resp: 1099618

Ion Ratio Lower Upper

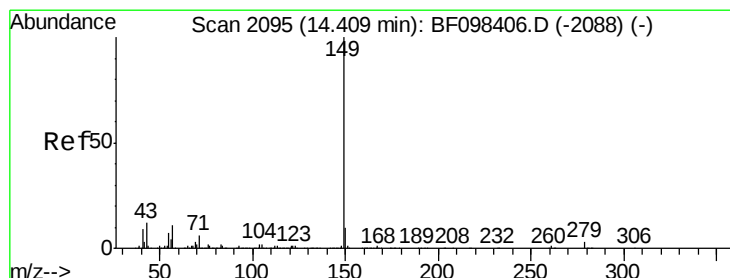
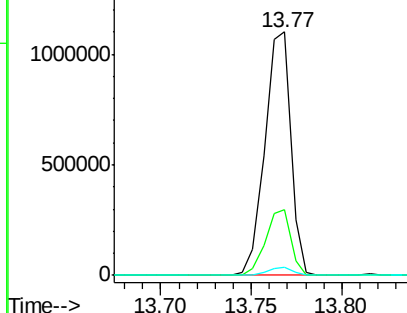
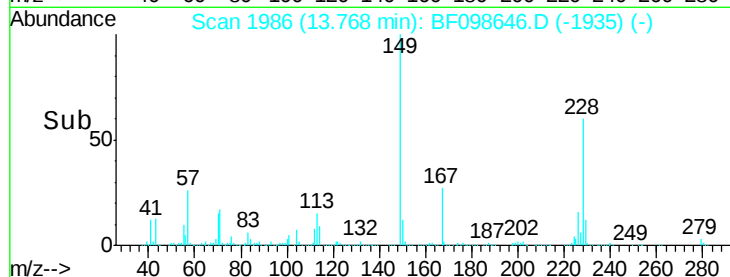
149 100

167 26.8 21.0 31.4

279 3.5 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.90 ng

RT: 14.37 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

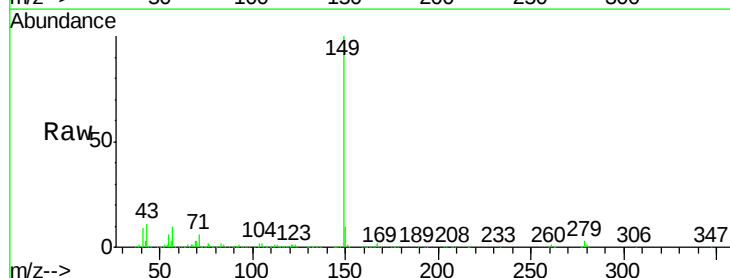
Tgt Ion:149 Resp: 1721811

Ion Ratio Lower Upper

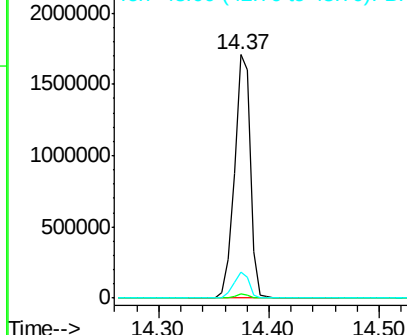
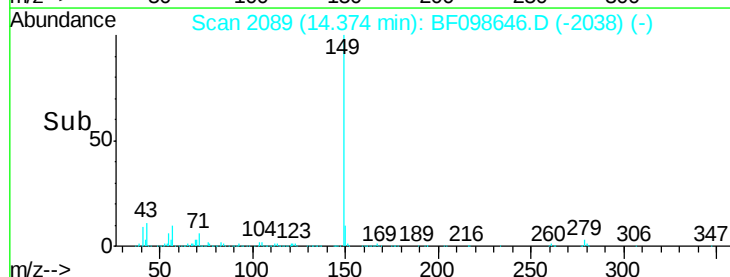
149 100

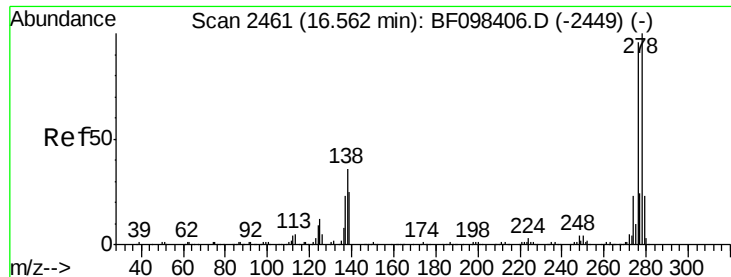
167 1.6 1.2 1.8

43 10.5 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

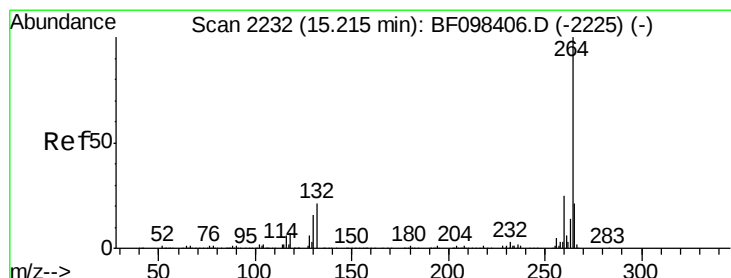
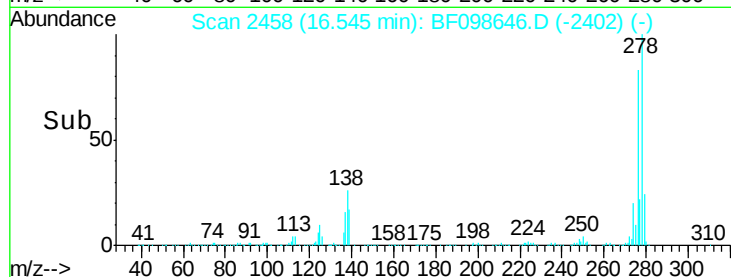
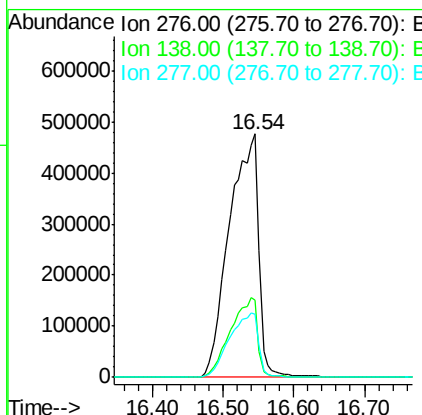
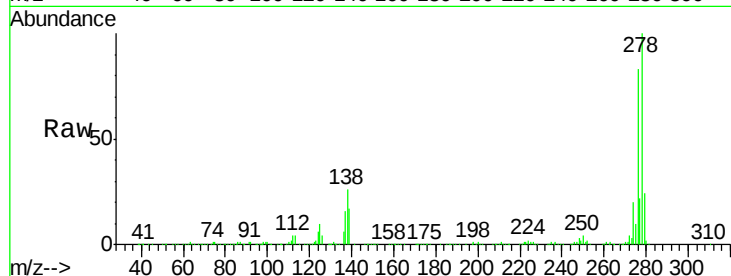




#85
Indeno(1,2,3-cd)pyrene
Concen: 56.85 ng
RT: 16.54 min Scan# 2458
Delta R.T. 0.03 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

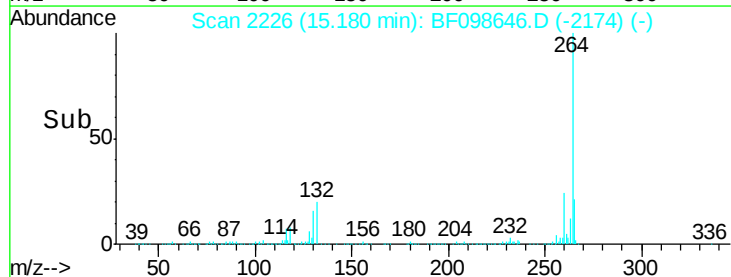
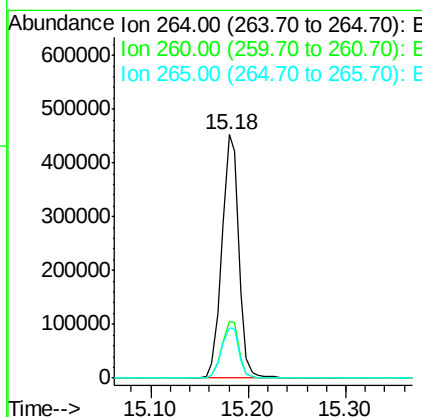
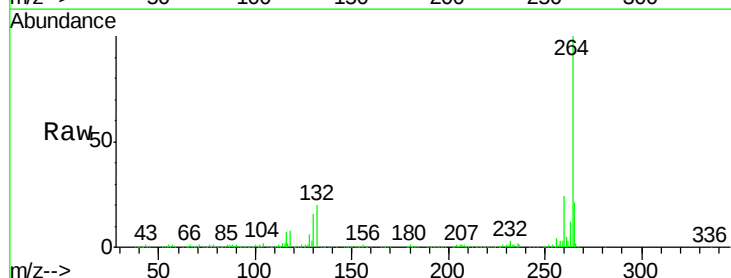
Instrument :
BNA_F
ClientSampleId :
PB102449BS

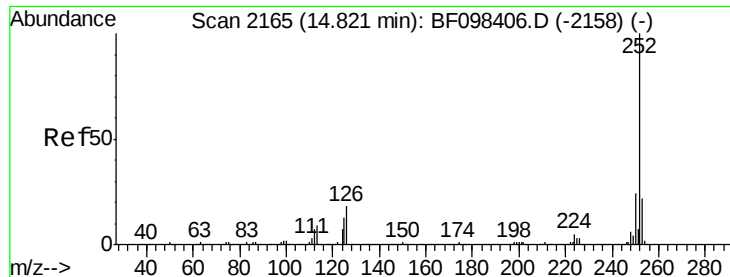
Tot Ion:276 Resp: 1384014
Ion Ratio Lower Upper
276 100
138 30.4 27.8 41.6
277 26.0 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098646.D
Acq: 19 Sep 2017 17:33

Tgt Ion:264 Resp: 541917
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 20.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.88 ng

RT: 14.80 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

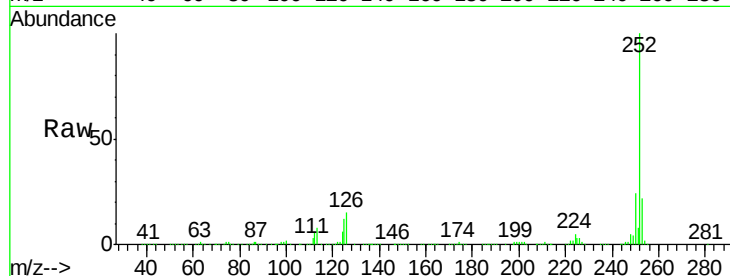
Tot Ion:252 Resp: 1427050

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

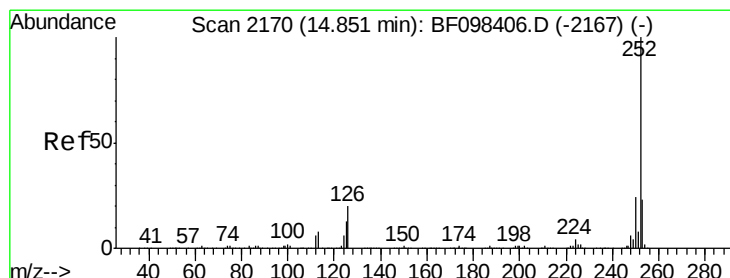
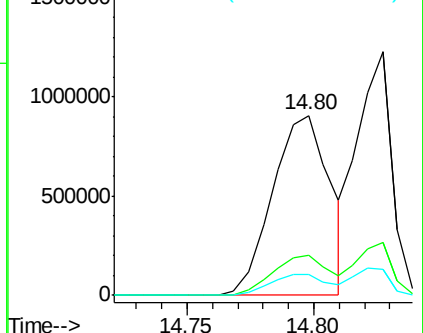
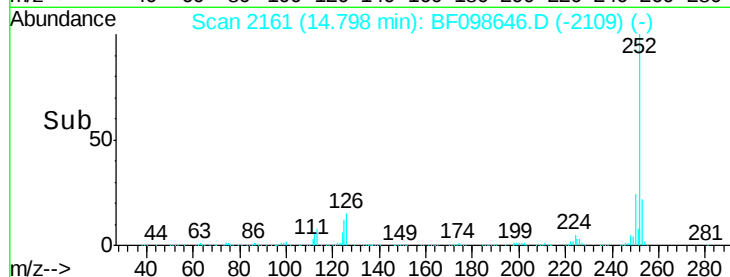
125 11.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.39 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

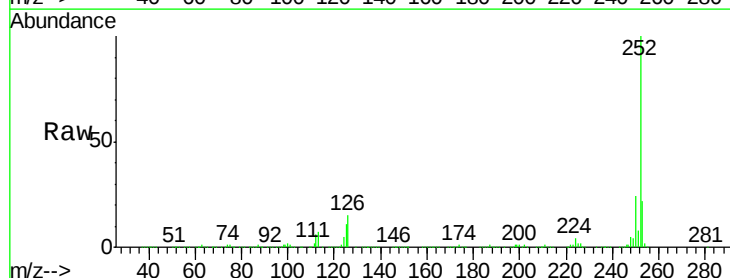
Tgt Ion:252 Resp: 1189514

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

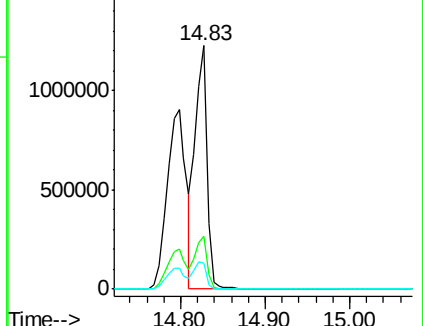
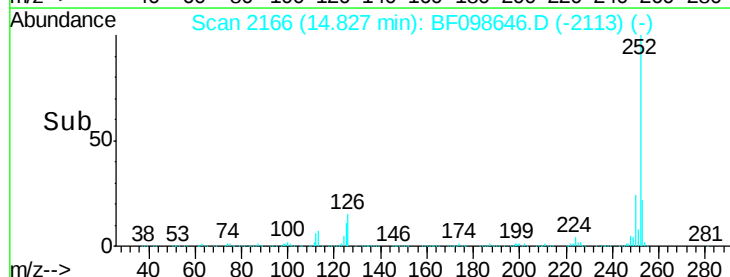
125 10.7 13.1 19.7#

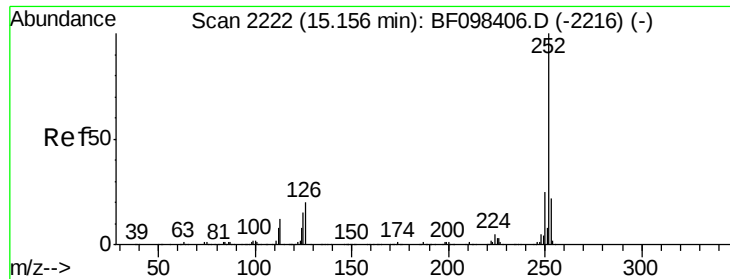


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.41 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

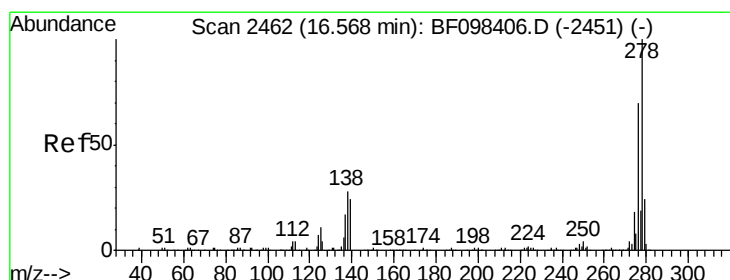
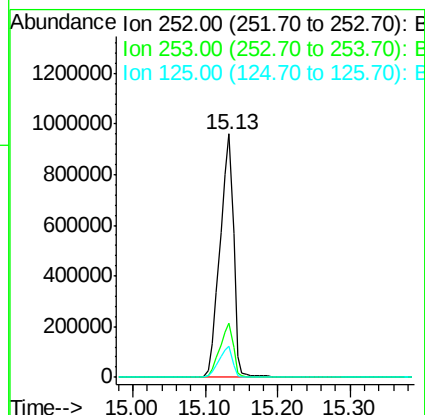
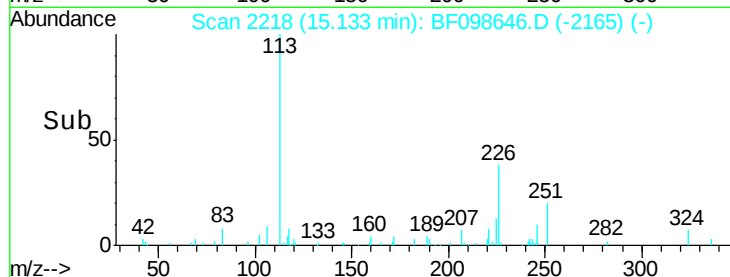
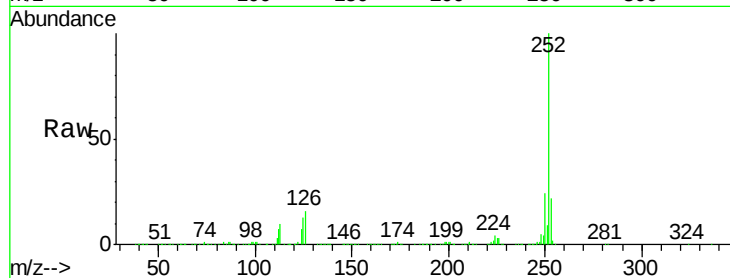
BNA_F

ClientSampleId :

PB102449BS

Tot Ion:252 Resp: 1257009

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.9	11.0	16.4



#90

Dibenzo(a,h)anthracene

Concen: 52.92 ng

RT: 16.54 min Scan# 2457

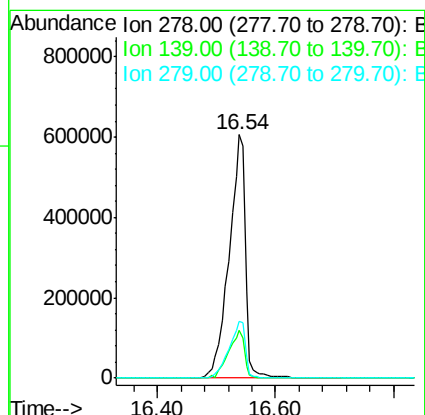
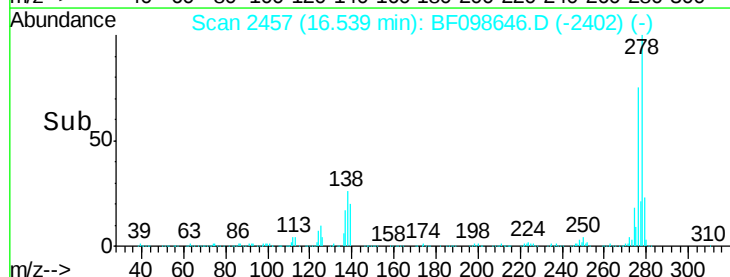
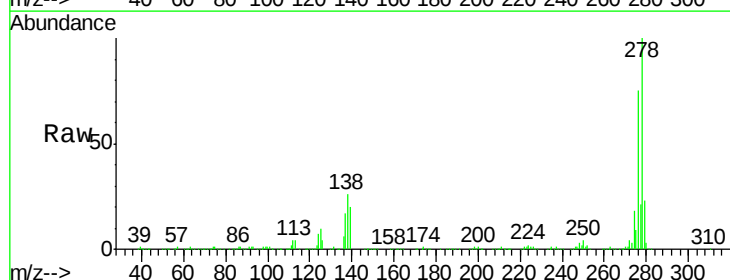
Delta R.T. 0.02 min

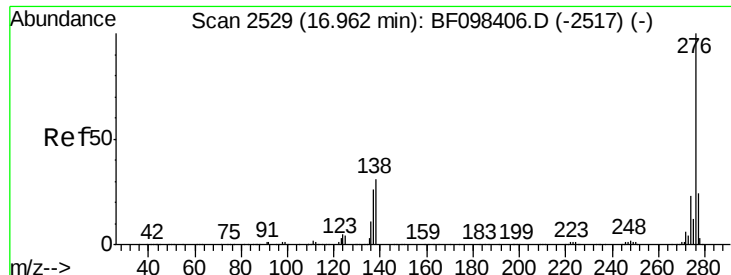
Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Tgt Ion:278 Resp: 1168563

Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.6	24.8
279	23.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 55.36 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.02 min

Lab File: BF098646.D

Acq: 19 Sep 2017 17:33

Instrument :

BNA_F

ClientSampleId :

PB102449BS

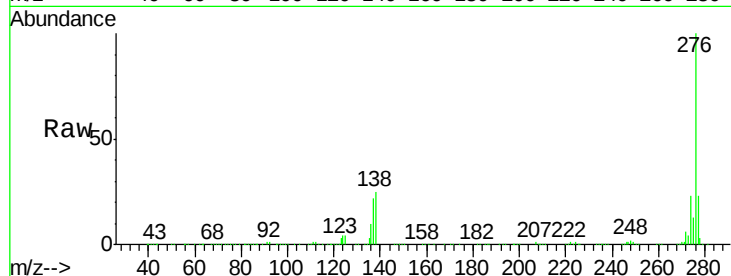
Tot Ion:276 Resp: 1229531

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 24.5 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

