

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099350.D
 Acq On : 11 Oct 2017 17:49
 Operator : SJ/JU
 Sample : PB103140BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:48:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118250	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	484057	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	217515	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	383391	20.00	ng	0.00
75) Chrysene-d12	14.02	240	225452	20.00	ng	0.00
86) Perylene-d12	15.48	264	176070	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	880075	118.48	ng	0.02
7) Phenol-d6	6.50	99	1046446	114.20	ng	0.01
23) Nitrobenzene-d5	7.42	82	625738	82.90	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	223082	125.34	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1175626	90.23	ng	0.00
78) Terphenyl-d14	12.96	244	983913	99.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	112058	31.58	ng	93
3) Pyridine	3.49	79	311285	32.43	ng	92
4) n-Nitrosodimethylamine	3.45	42	132411	32.53	ng	# 78
6) Aniline	6.52	93	310159	25.08	ng	99
8) 2-Chlorophenol	6.65	128	321187	38.18	ng	93
9) Benzaldehyde	6.40	77	118005	22.20	ng	96
10) Phenol	6.51	94	393827	38.43	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	299491	37.59	ng	97
12) 1,3-Dichlorobenzene	6.79	146	347081	39.40	ng	97
13) 1,4-Dichlorobenzene	6.87	146	352176	39.29	ng	99
14) 1,2-Dichlorobenzene	7.02	146	324750	39.21	ng	98
15) Benzyl Alcohol	7.00	79	247430	36.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	422187	34.01	ng	95
17) 2-Methylphenol	7.11	107	264512	38.43	ng	98
18) Hexachloroethane	7.36	117	122093	37.90	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	197919	33.83	ng	95
20) 3+4-Methylphenols	7.26	107	312434	35.88	ng	# 76
22) Acetophenone	7.26	105	418594	35.69	ng	# 94
24) Nitrobenzene	7.44	77	316794	37.00	ng	96
25) Isophorone	7.67	82	583212	37.37	ng	99
26) 2-Nitrophenol	7.75	139	183194	44.49	ng	92
27) 2,4-Dimethylphenol	7.79	122	296402	38.12	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	375571	38.62	ng	99
29) 2,4-Dichlorophenol	8.00	162	269797	40.41	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	275397	41.24	ng	100
31) Naphthalene	8.16	128	907854	39.93	ng	99
32) Benzoic acid	7.93	122	205257	32.14	ng	96
33) 4-Chloroaniline	8.20	127	162005	17.06	ng	96
34) Hexachlorobutadiene	8.27	225	138366	40.23	ng	99
35) Caprolactam	8.59	113	46419	21.68	ng	89
36) 4-Chloro-3-methylphenol	8.69	107	279044	37.19	ng	97
37) 2-Methylnaphthalene	8.85	142	623175	42.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	249497	38.46	ng	99
40) Hexachlorocyclopentadiene	9.00	237	175332	59.14	ng	96

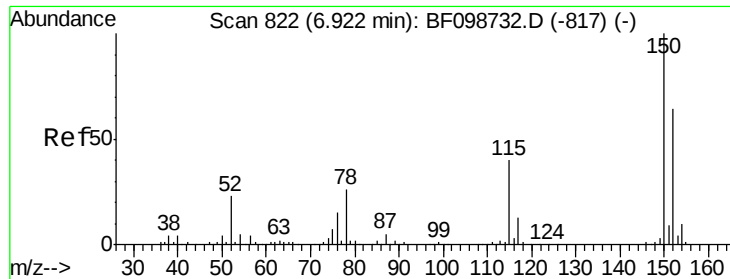
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099350.D
 Acq On : 11 Oct 2017 17:49
 Operator : SJ/JU
 Sample : PB103140BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:48:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	178196	38.78	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	187089	40.78	nq	93
45) 1,1'-Biphenyl	9.31	154	718675	38.44	nq	99
46) 2-Chloronaphthalene	9.34	162	567495	40.43	nq	97
47) 2-Nitroaniline	9.44	65	159443	37.10	nq	90
48) Acenaphthylene	9.76	152	854989	39.79	nq	99
49) Dimethylphthalate	9.62	163	663040	40.39	nq	100
50) 2,6-Dinitrotoluene	9.68	165	150063	41.99	nq	# 85
51) Acenaphthene	9.93	154	501617	36.85	nq	100
52) 3-Nitroaniline	9.85	138	111976	26.87	nq	89
53) 2,4-Dinitrophenol	9.96	184	129012	70.11	nq	90
54) Dibenzofuran	10.10	168	751725	41.48	nq	100
55) 4-Nitrophenol	10.02	139	229968	65.26	nq	86
56) 2,4-Dinitrotoluene	10.09	165	194667	41.97	nq	# 93
57) Fluorene	10.44	166	591302	40.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	141910	44.78	nq	95
59) Diethylphthalate	10.31	149	634526	39.56	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	266613	40.75	nq	98
61) 4-Nitroaniline	10.47	138	167423	41.64	nq	86
62) Azobenzene	10.59	77	572492	38.81	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	89202	38.24	nq	79
65) n-Nitrosodiphenylamine	10.55	169	534617	40.25	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	155669	41.48	nq	# 88
67) Hexachlorobenzene	10.99	284	159526	39.80	nq	99
68) Atrazine	11.07	200	166854	41.75	nq	98
69) Pentachlorophenol	11.19	266	159468	63.93	nq	100
70) Phenanthrene	11.40	178	844880	41.17	nq	99
71) Anthracene	11.46	178	877968	41.81	nq	99
72) Carbazole	11.61	167	815091	39.64	nq	99
73) Di-n-butylphthalate	11.93	149	986193	39.85	nq	99
74) Fluoranthene	12.59	202	858097	41.29	nq	99
76) Benzidine	12.71	184	207912	24.93	nq	97
77) Pyrene	12.82	202	850930	49.50	nq	100
79) Butylbenzylphthalate	13.43	149	383174	47.42	nq	93
80) Benzo(a)anthracene	14.00	228	594031	43.51	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	151257	30.22	nq	98
82) Chrysene	14.04	228	555996	42.78	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	492490	44.27	nq	99
84) Di-n-octyl phthalate	14.59	149	668019	37.29	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	527326	50.72	nq	96
87) Benzo(b)fluoranthene	15.09	252	427856	39.52	nq	100
88) Benzo(k)fluoranthene	15.09	252	427856	40.02	nq	97
89) Benzo(a)pyrene	15.42	252	442823	44.56	nq	97
90) Dibenzo(a,h)anthracene	16.98	278	433533	54.51	nq	97
91) Benzo(g,h,i)perylene	17.42	276	471379	59.96	nq	95

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

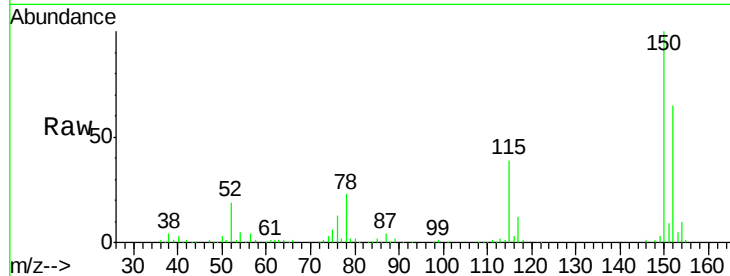


#1

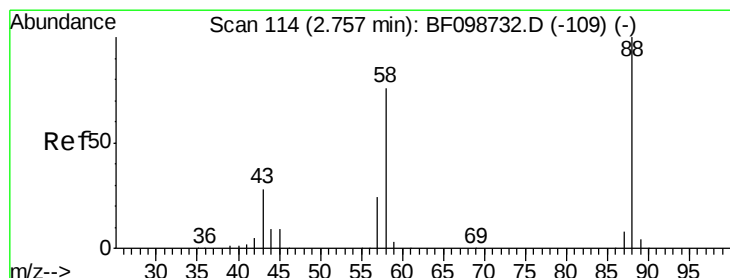
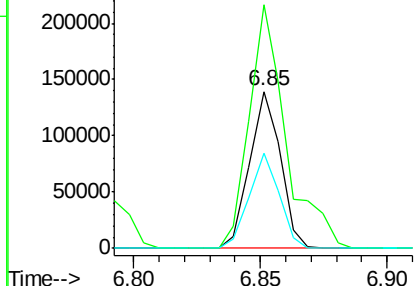
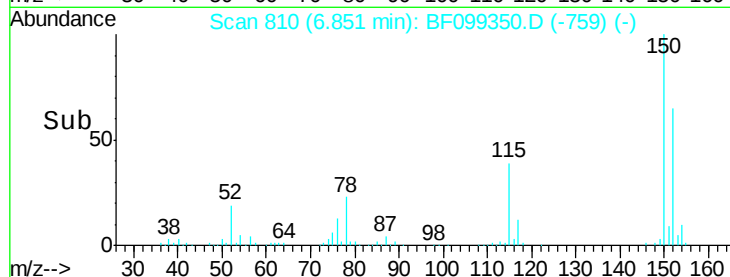
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118250
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 60.5 50.1 75.1



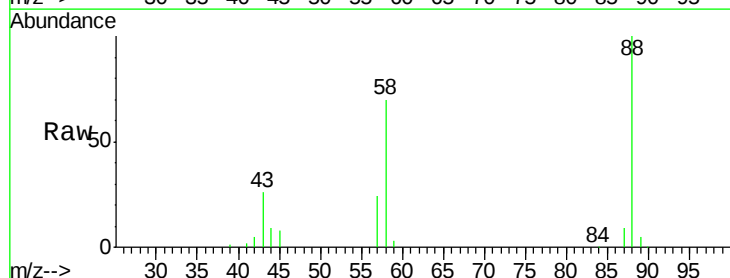
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



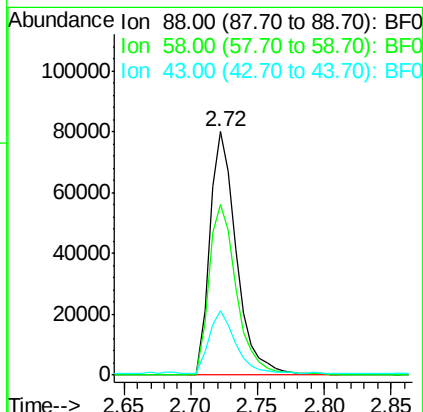
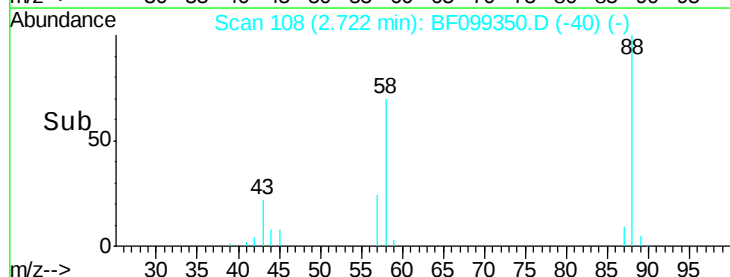
#2

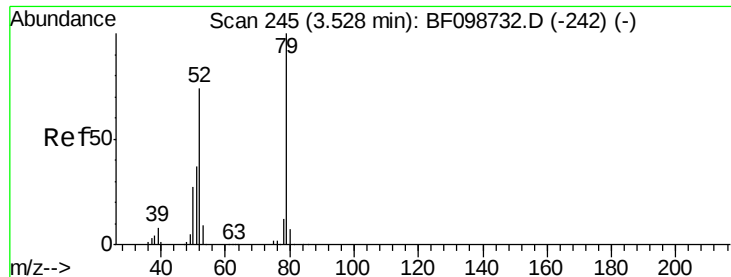
1,4-Dioxane
Concen: 31.58 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.10 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion: 88 Resp: 112058
Ion Ratio Lower Upper
88 100
58 72.6 62.6 93.8
43 26.1 24.6 37.0



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: 32.43 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.09 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

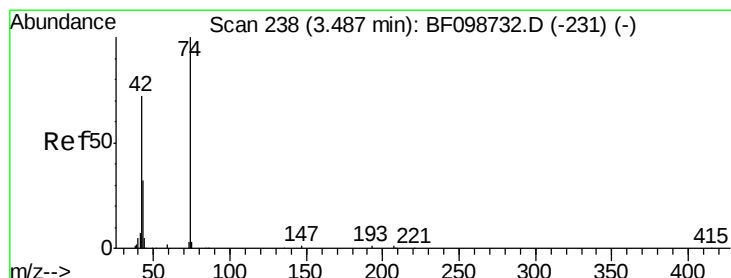
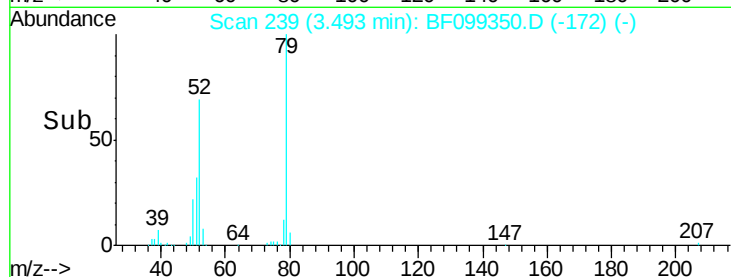
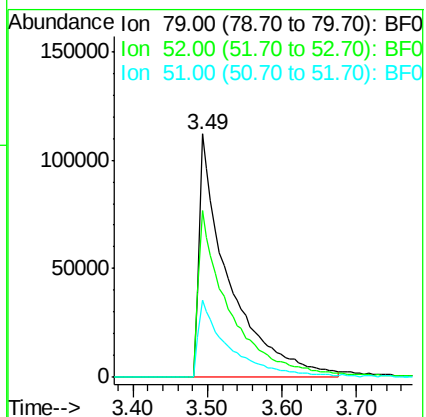
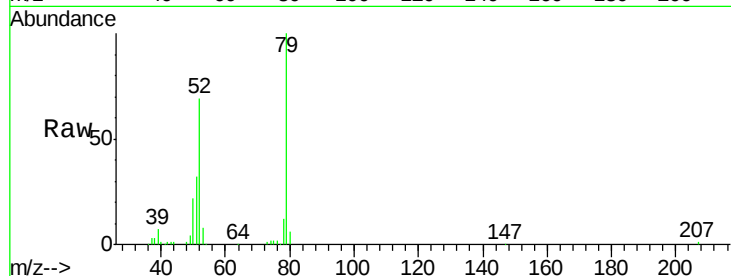
Tot Ion: 79 Resp: 311285

Ion Ratio Lower Upper

79 100

52 68.8 59.8 89.6

51 31.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.53 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.09 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

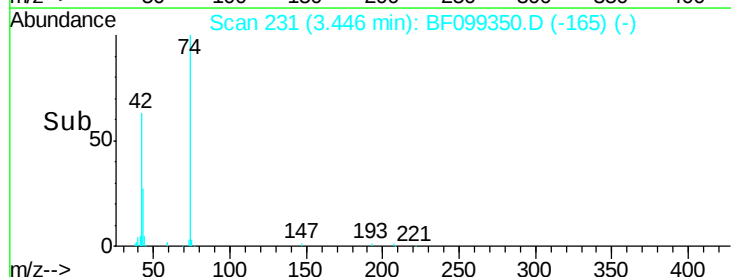
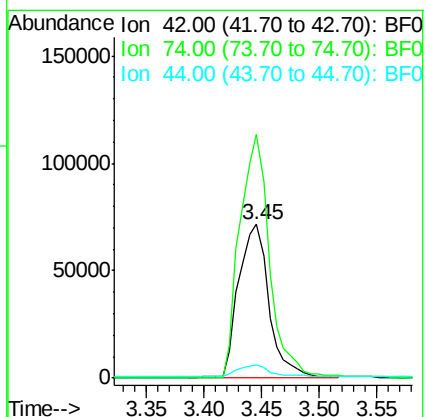
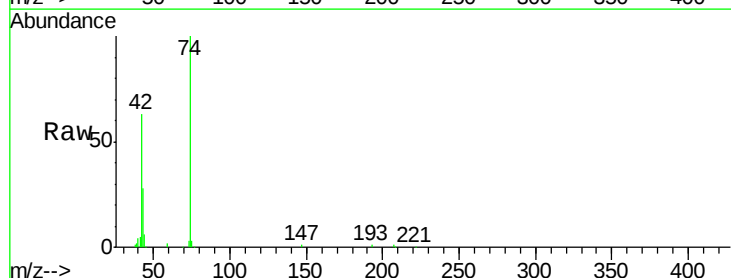
Tgt Ion: 42 Resp: 132411

Ion Ratio Lower Upper

42 100

74 158.3 104.9 157.3#

44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 118.48 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

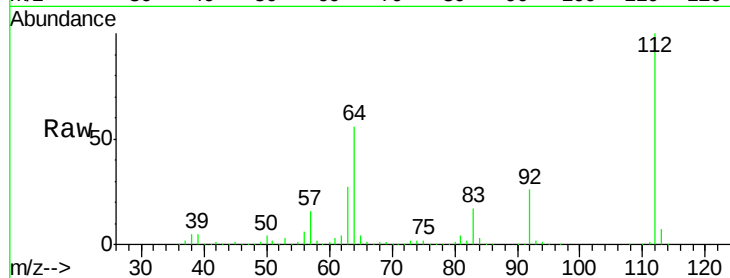
Tot Ion:112 Resp: 880075

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

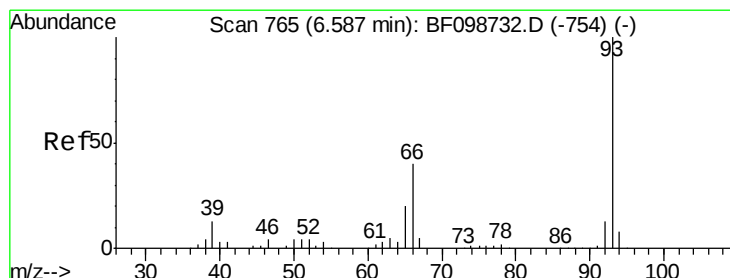
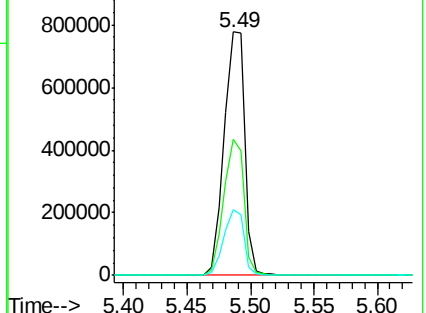
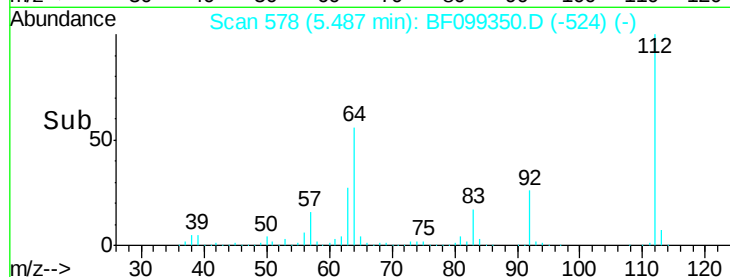
63 26.8 23.7 35.5



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: 25.08 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

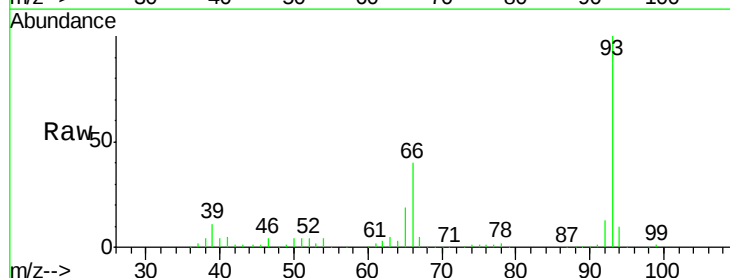
Tgt Ion: 93 Resp: 310159

Ion Ratio Lower Upper

93 100

66 39.9 32.2 48.2

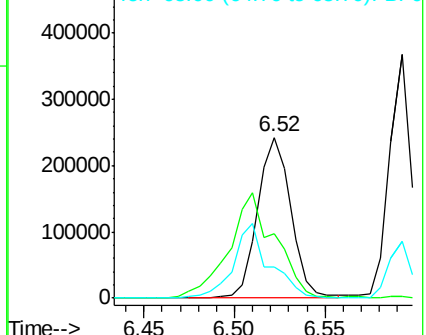
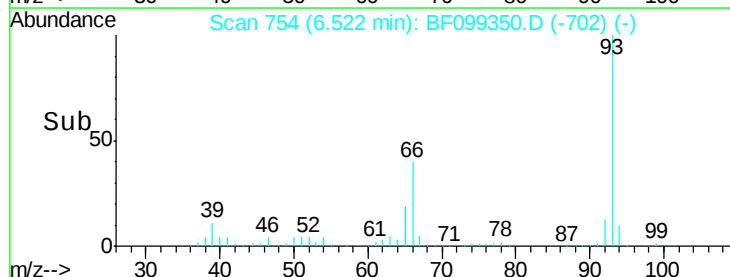
65 19.1 16.4 24.6

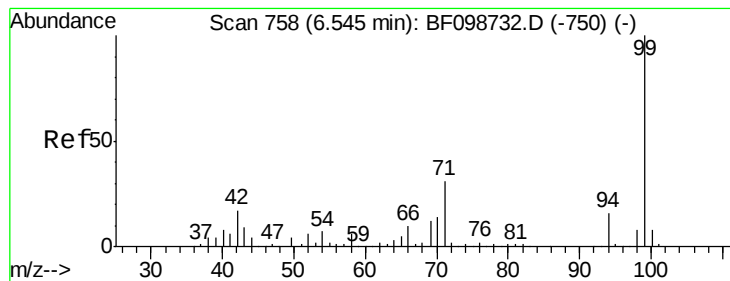


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.20 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

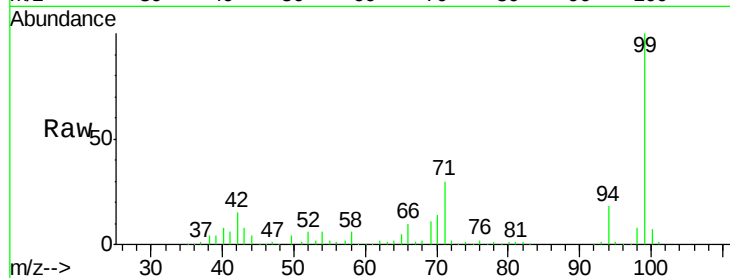
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1046446

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	30.0	25.4	38.0

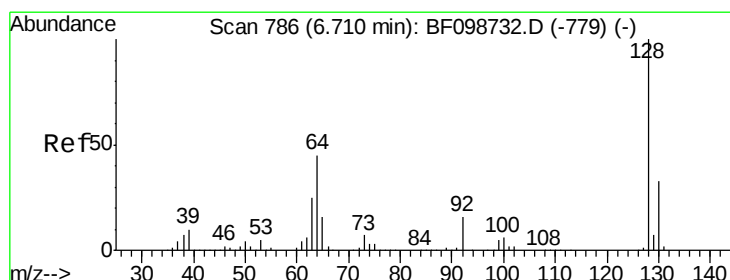
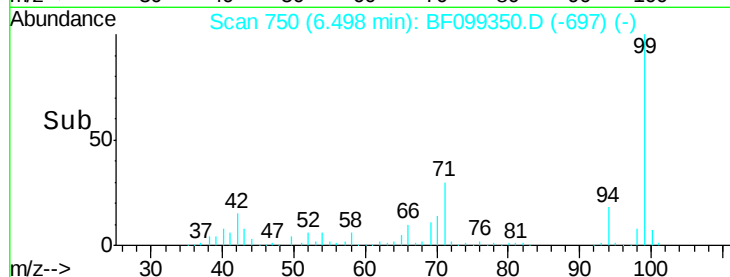
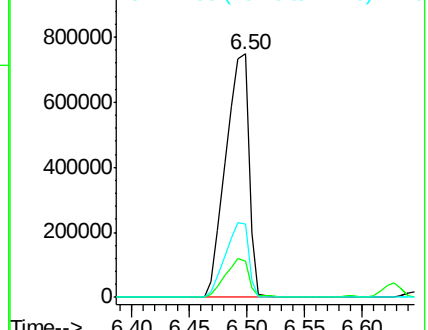


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.18 ng

RT: 6.65 min Scan# 775

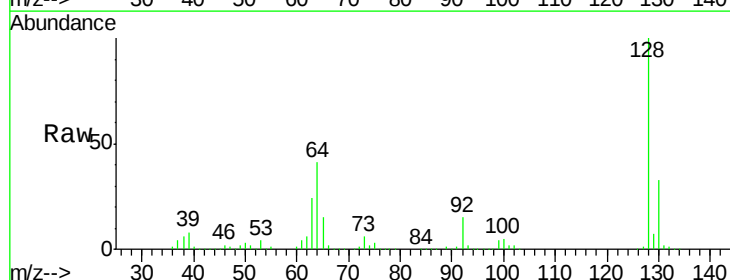
Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion: 128 Resp: 321187

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	41.0	29.4	69.4

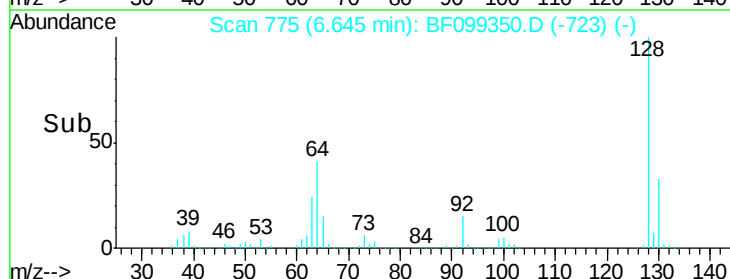
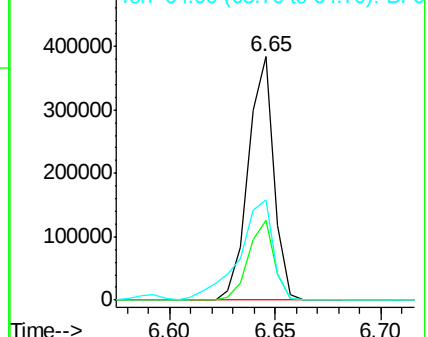


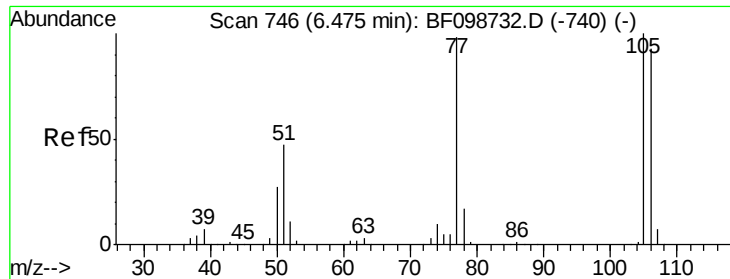
Abundance

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

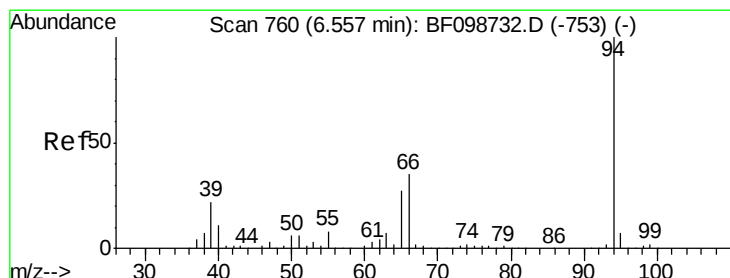
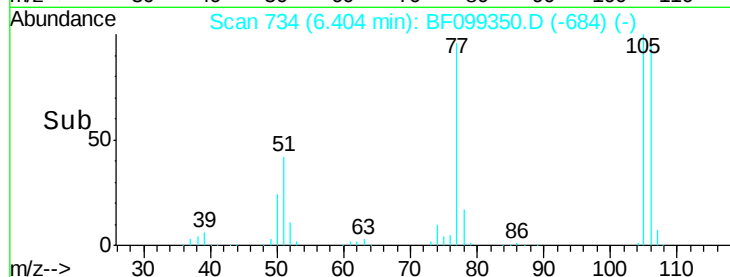
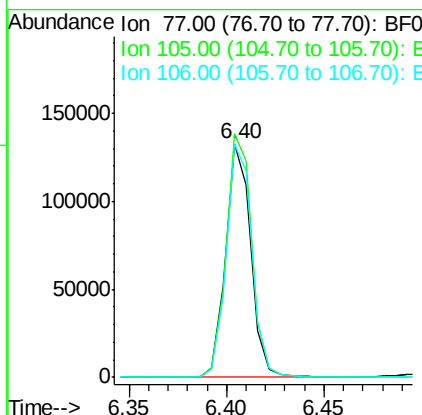
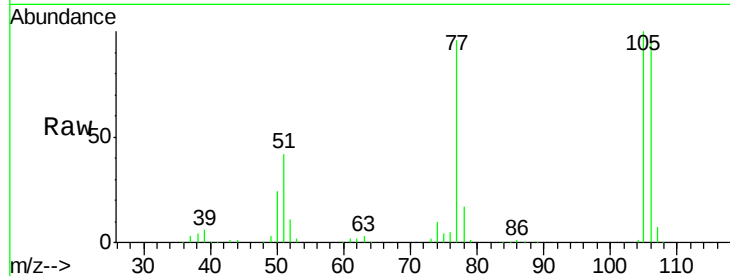




#9
Benzaldehyde
Concen: 22.20 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

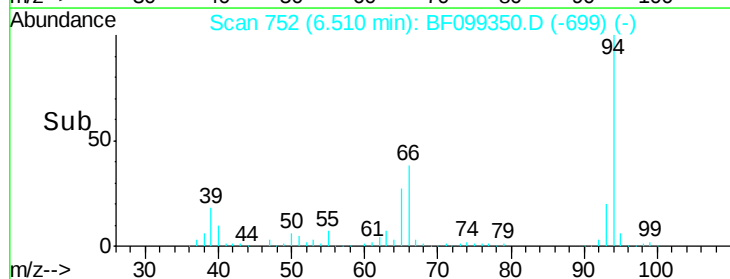
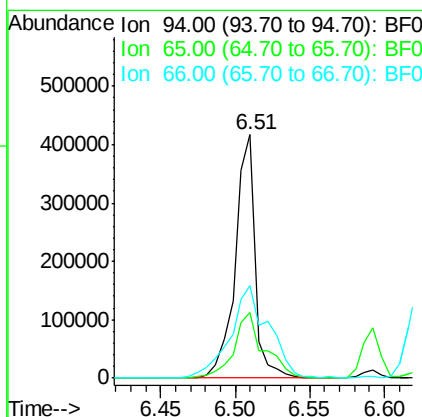
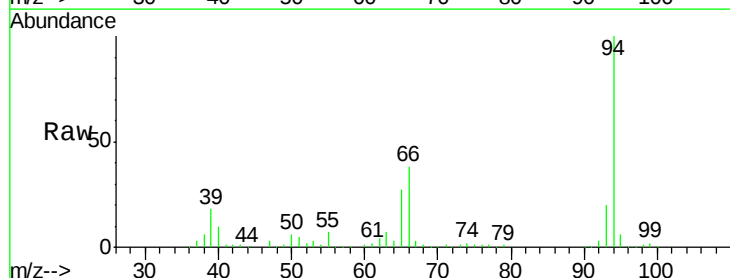
Instrument :
BNA_F
ClientSampleId :

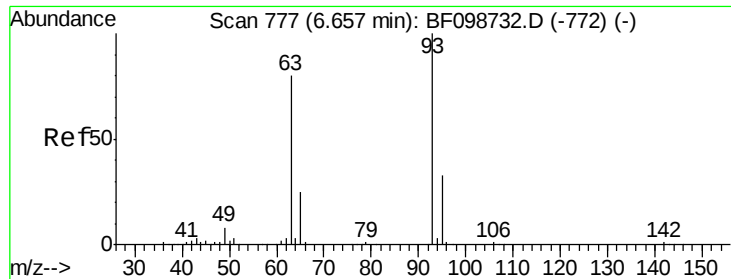
Tot Ion: 77 Resp: 118005
Ion Ratio Lower Upper
77 100
105 104.1 81.1 121.1
106 99.5 74.5 114.5



#10
Phenol
Concen: 38.43 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion: 94 Resp: 393827
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 38.2 16.2 56.2

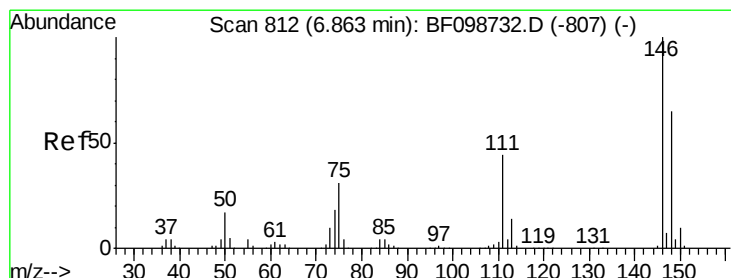
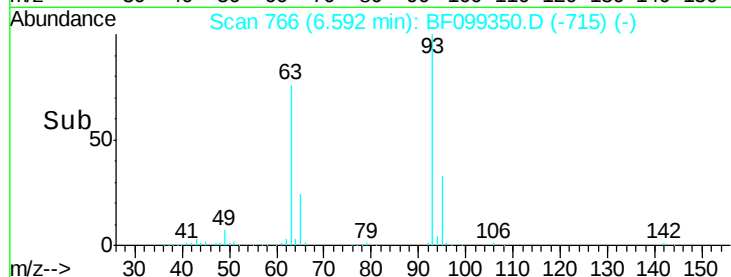
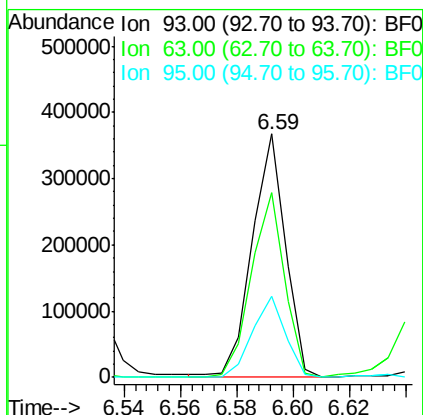
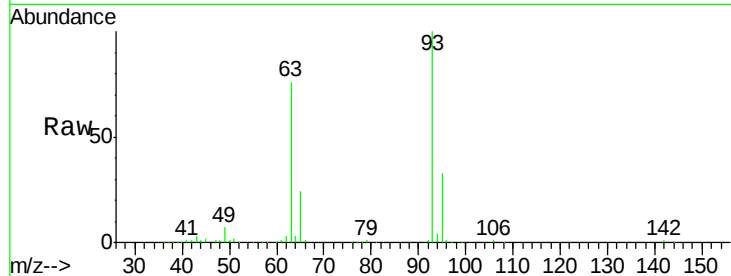




#11
bis(2-Chloroethyl)ether
Concen: 37.59 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

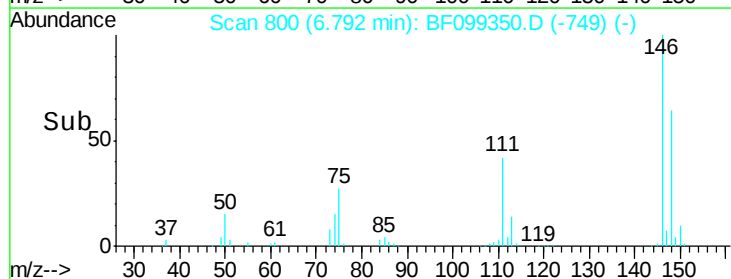
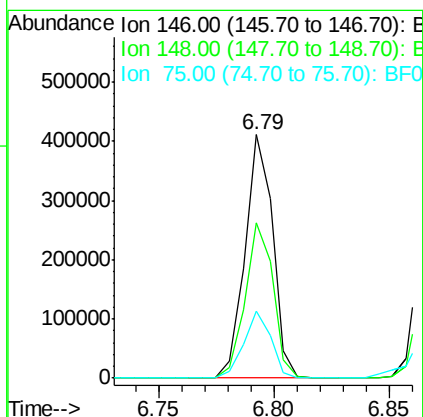
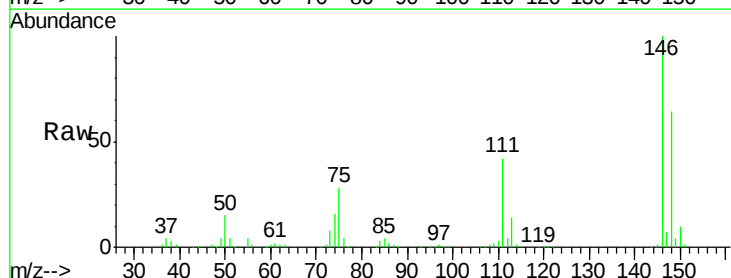
Instrument :
BNA_F
ClientSampleId :

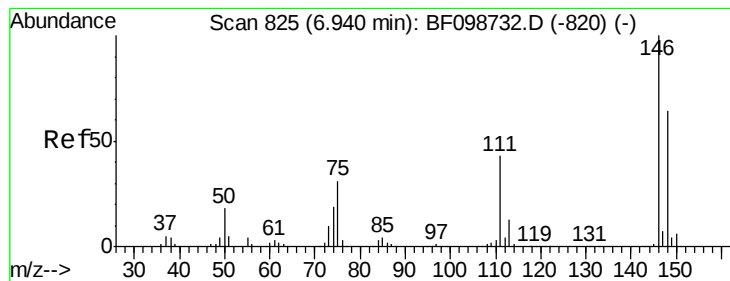
Tot Ion: 93 Resp: 299491
Ion Ratio Lower Upper
93 100
63 75.8 58.6 98.6
95 33.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.40 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion: 146 Resp: 347081
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 27.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.29 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

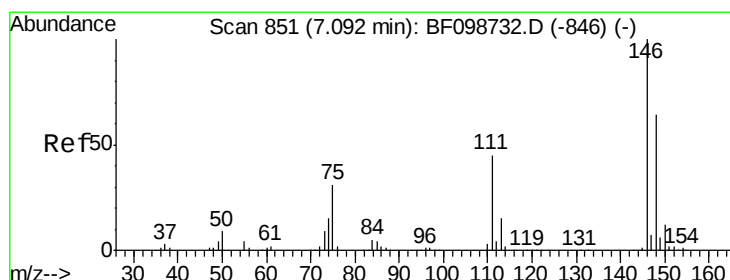
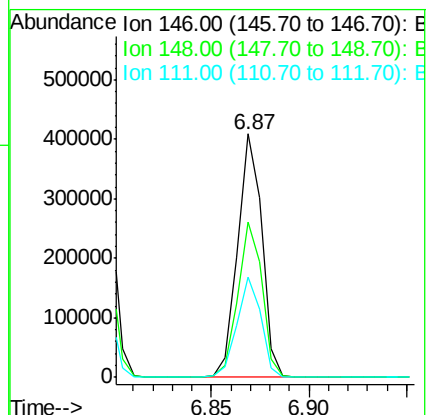
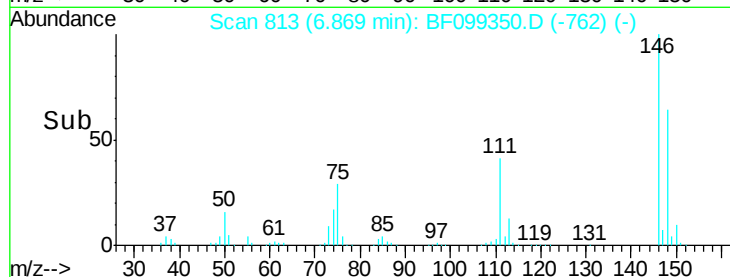
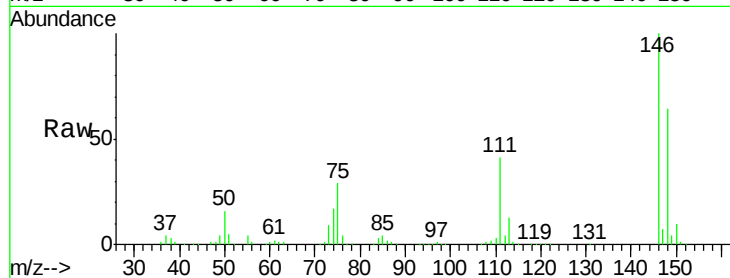
Tot Ion:146 Resp: 352176

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

111 41.3 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 39.21 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

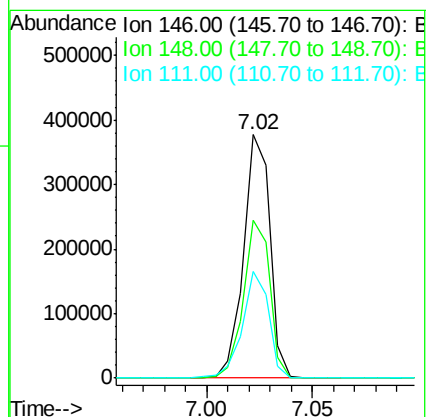
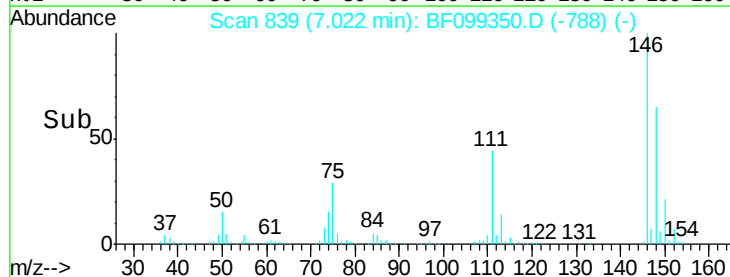
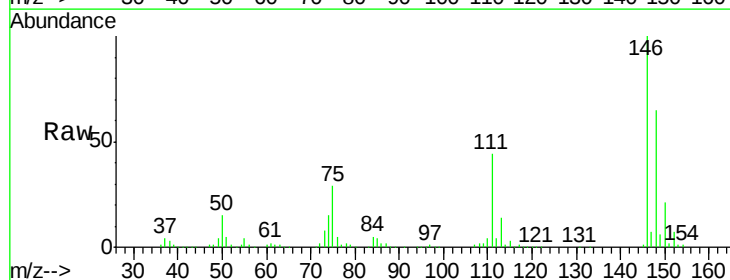
Tgt Ion:146 Resp: 324750

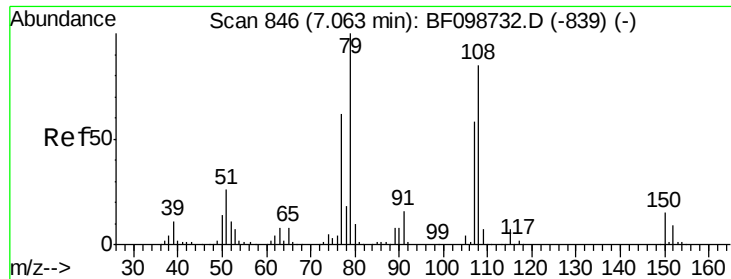
Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

111 43.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.81 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

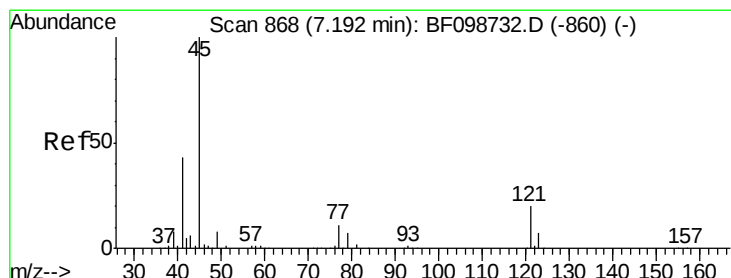
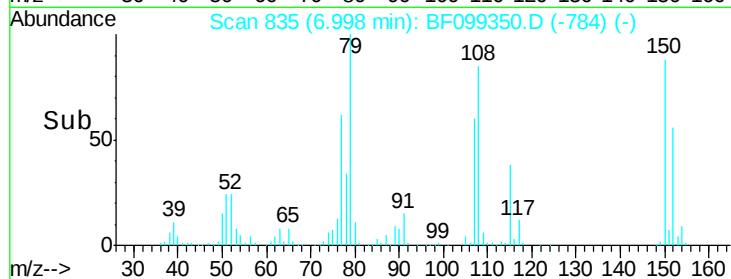
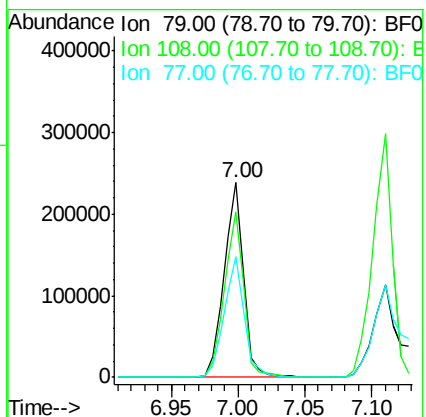
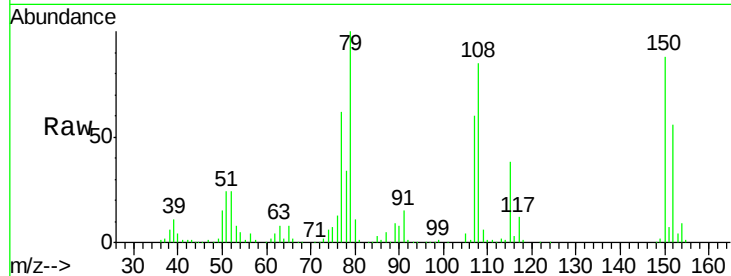
Tot Ion: 79 Resp: 247430

Ion Ratio Lower Upper

79 100

108 85.1 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.01 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

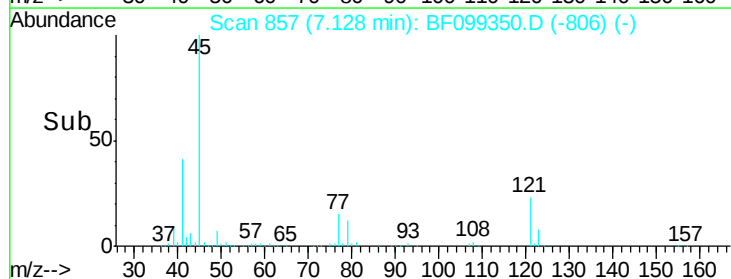
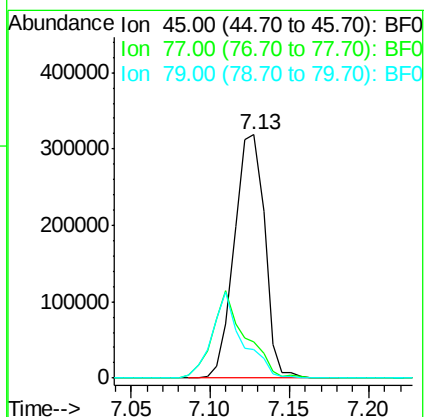
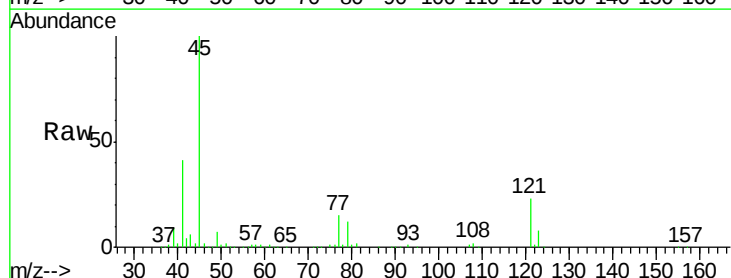
Tgt Ion: 45 Resp: 422187

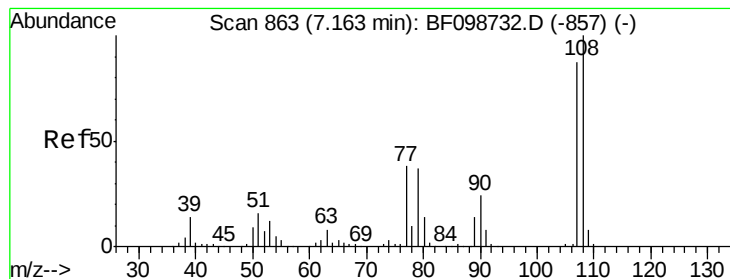
Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

79 11.8 0.0 29.6

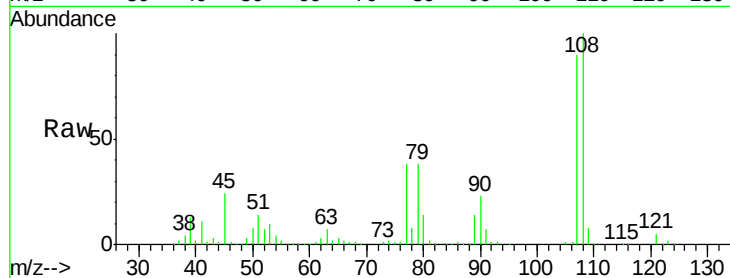




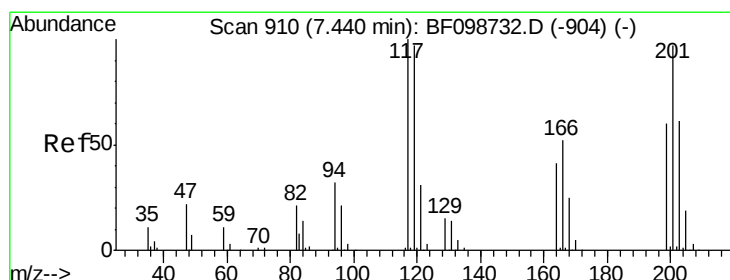
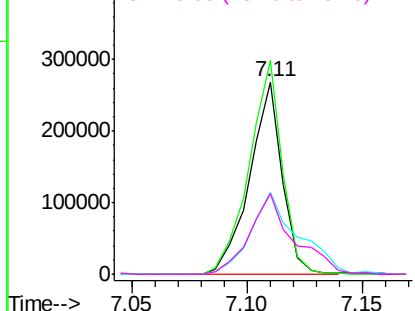
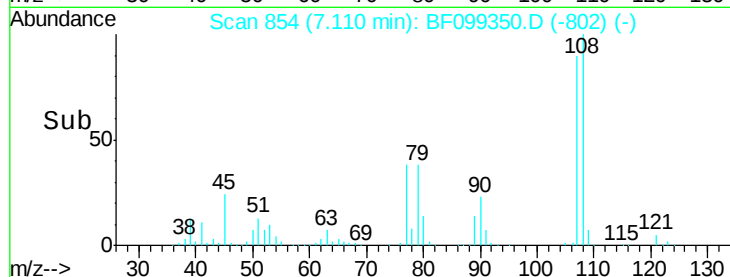
#17
2-Methylphenol
Concen: 38.43 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 264512
Ion Ratio Lower Upper
107 100
108 111.2 91.7 137.5
77 42.5 33.8 50.8
79 42.1 33.8 50.8

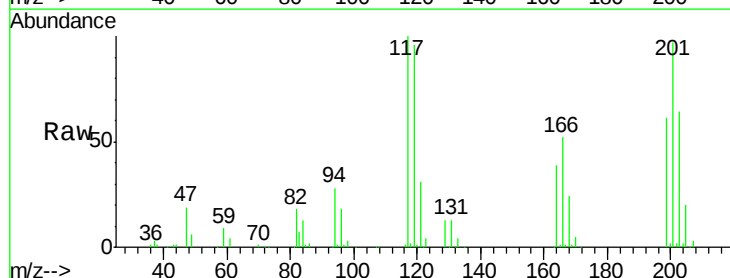


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

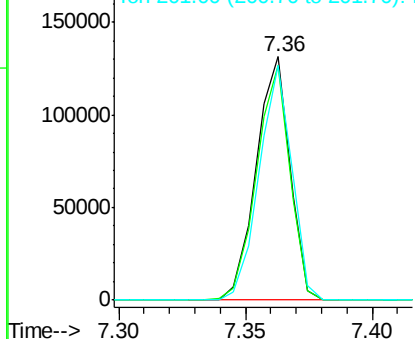
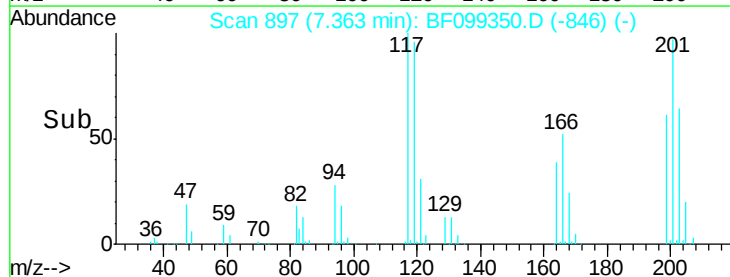


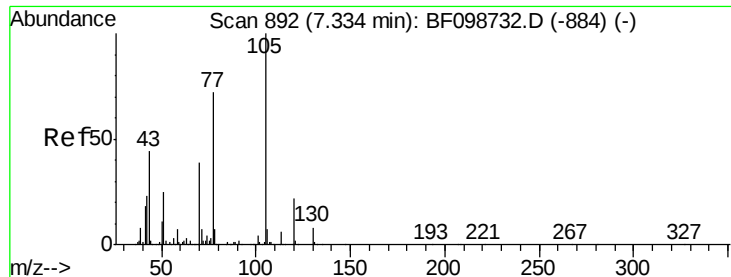
#18
Hexachloroethane
Concen: 37.90 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:117 Resp: 122093
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 96.6 75.7 113.5



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

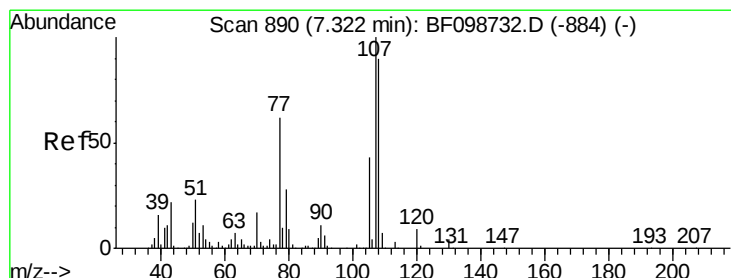
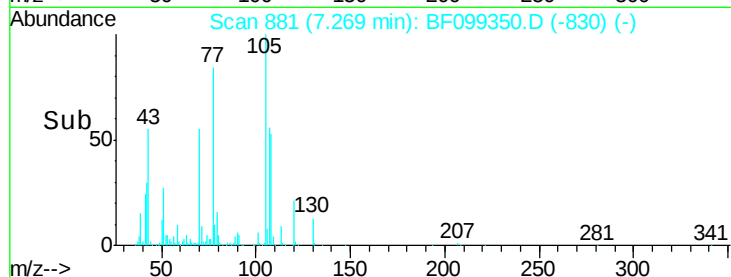
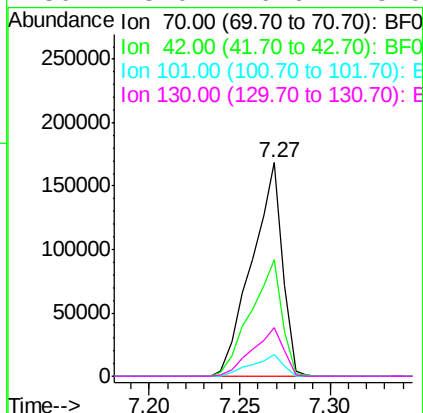
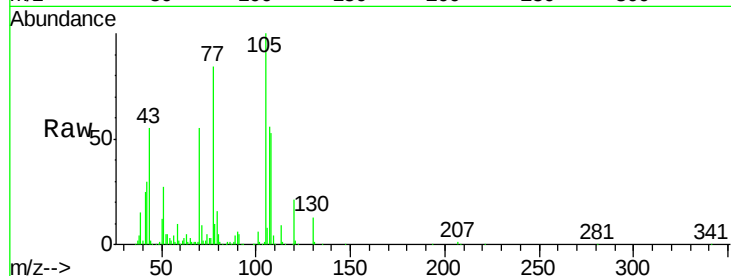




#19
n-Nitroso-di-n-propylamine
Concen: 33.83 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

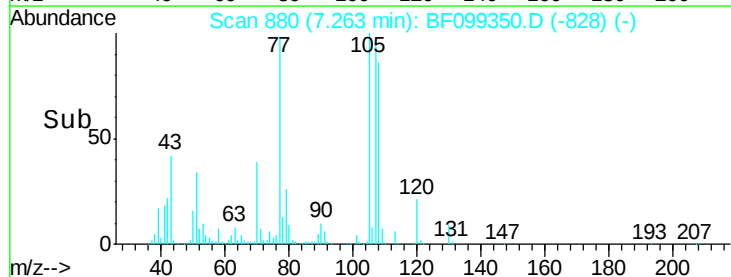
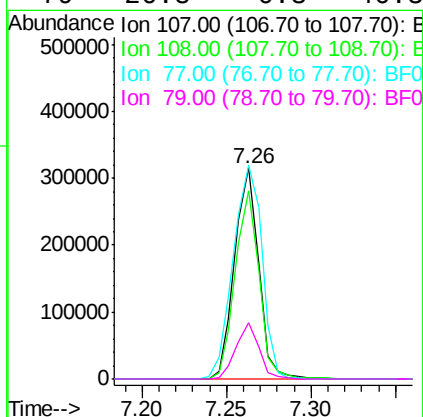
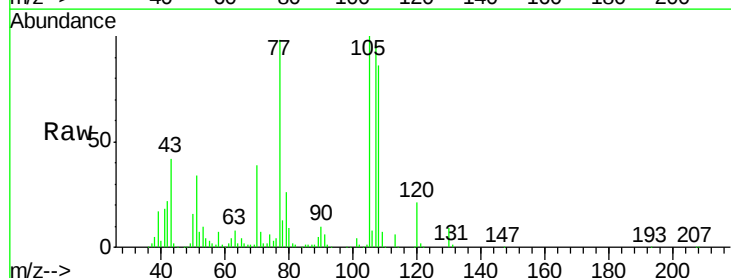
Instrument :
BNA_F
ClientSampleId :

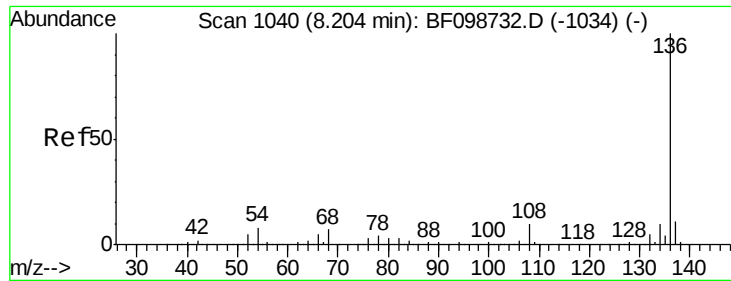
Tot Ion: 70 Resp: 197919
Ion Ratio Lower Upper
70 100
42 54.7 47.5 71.3
101 10.0 7.4 11.2
130 23.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 35.88 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:107 Resp: 312434
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 101.2 26.7 66.7#
79 26.8 6.3 46.3

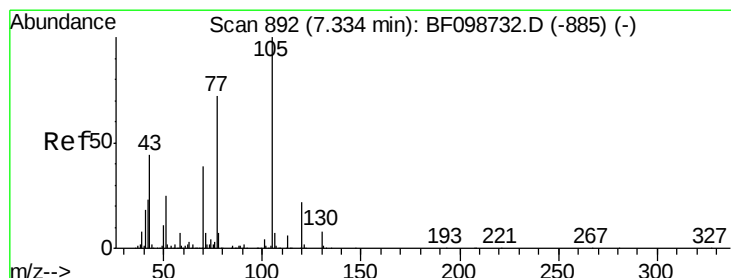
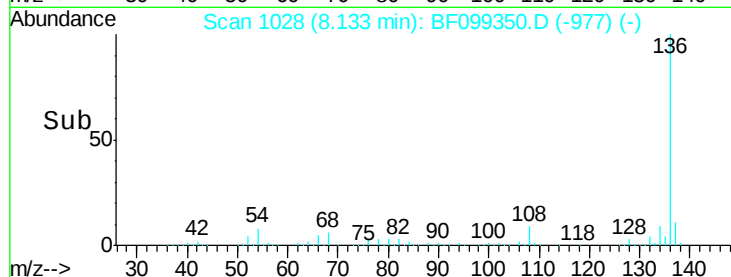
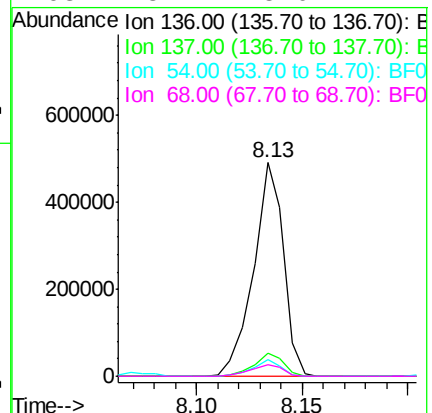
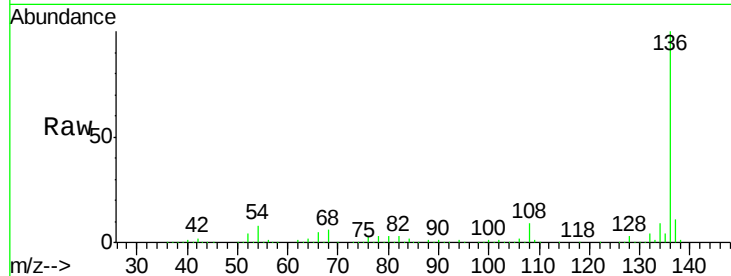




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

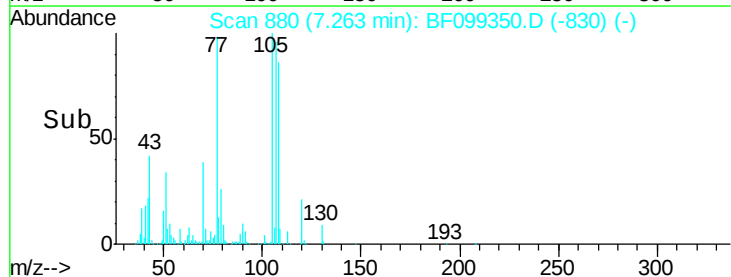
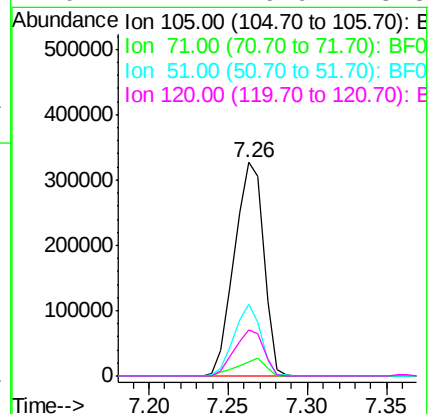
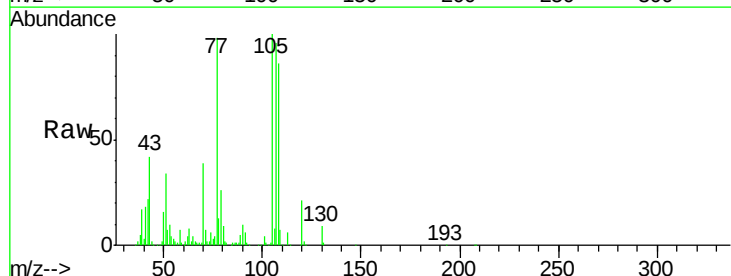
Instrument :
BNA_F
ClientSampleId :

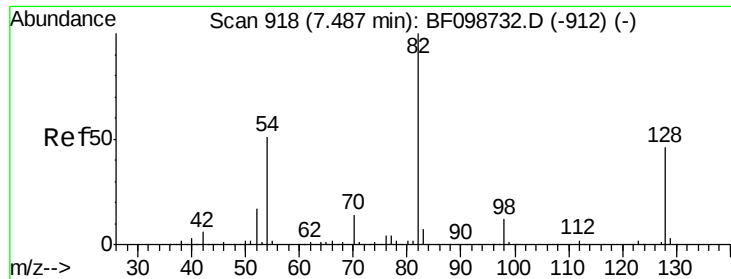
Tot Ion:136	Resp: 484057
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 7.6	6.6 9.8
68 5.7	5.0 7.4



#22
Acetophenone
Concen: 35.69 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt	Ion:105	Resp:	418594
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.4	6.6#
51	33.5	22.3	33.5#
120	21.4	16.9	25.3

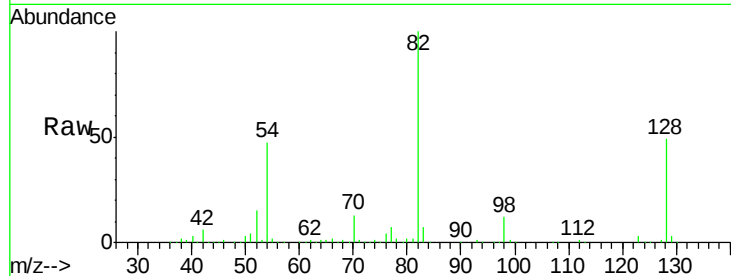




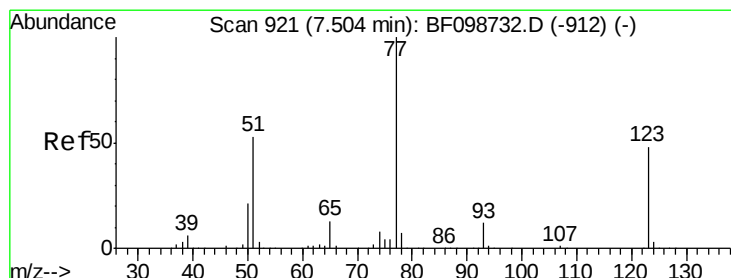
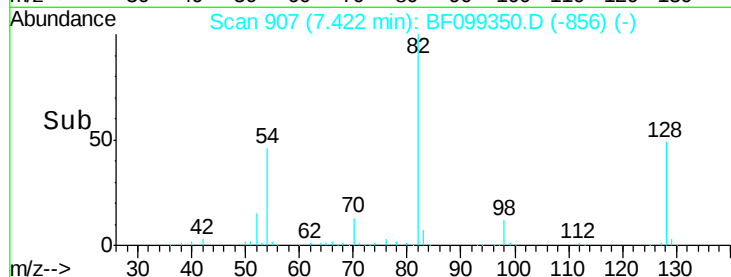
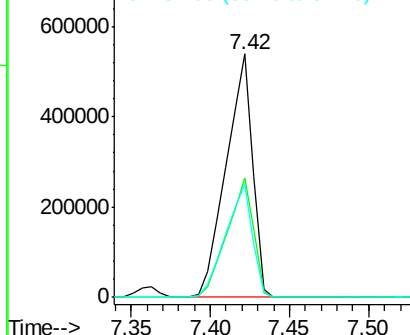
#23
 Nitrobenzene-d5
 Concen: 82.90 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	625738
Ion Ratio	Lower	Upper	
82	100		
128	48.9	36.1	54.1
54	46.6	41.4	62.2

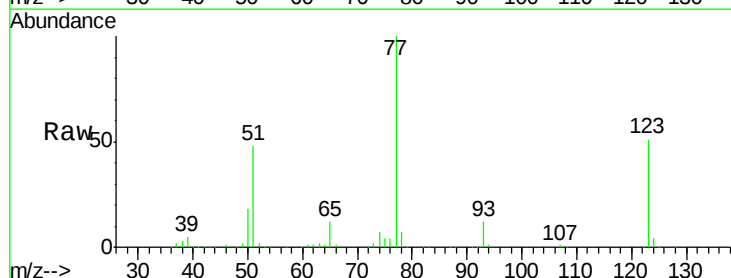


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

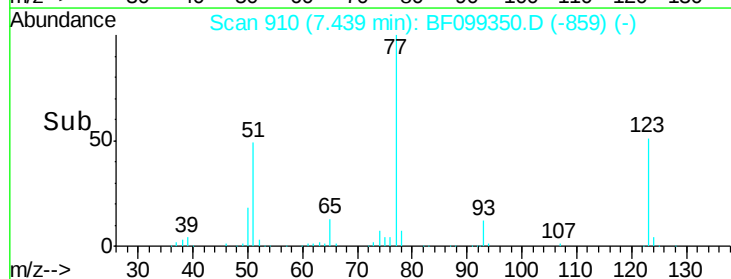
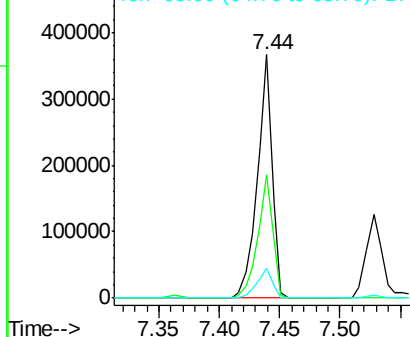


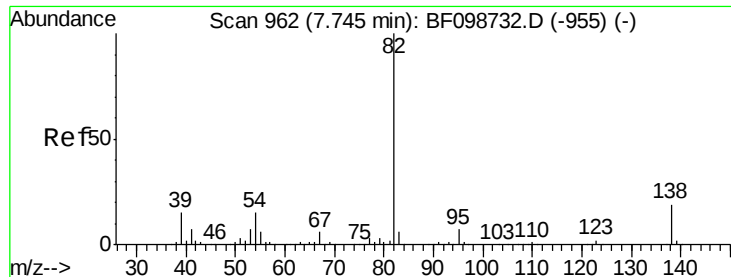
#24
 Nitrobenzene
 Concen: 37.00 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	77	Resp	316794
Ion Ratio	Lower	Upper	
77	100		
123	50.6	37.9	56.9
65	12.4	11.0	16.4



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

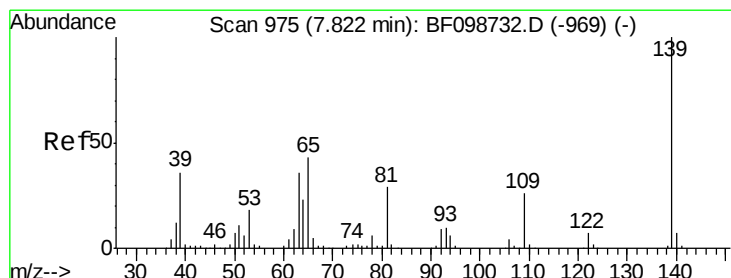
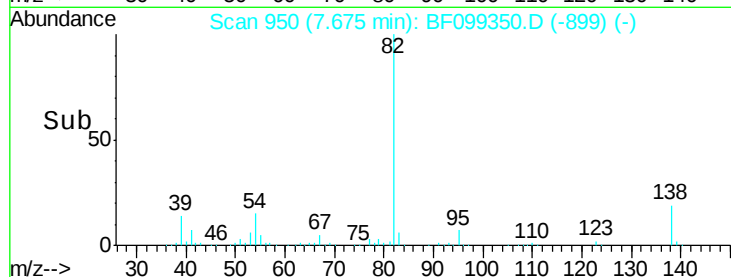
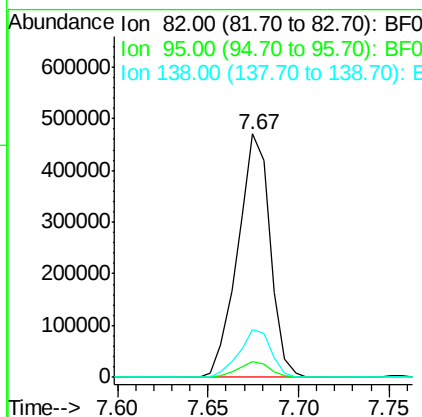
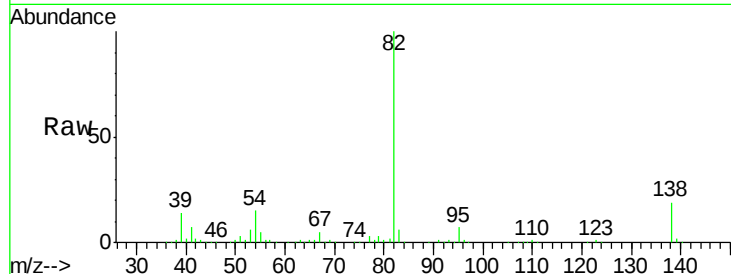




#25
Isophorone
Concen: 37.37 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

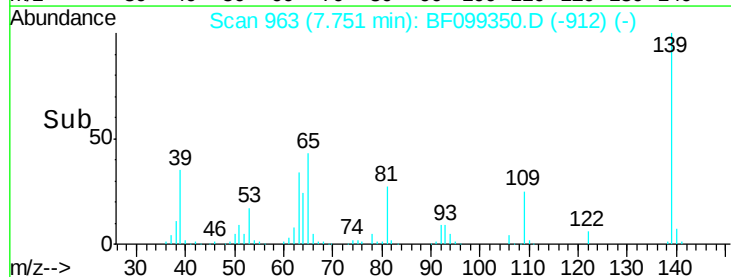
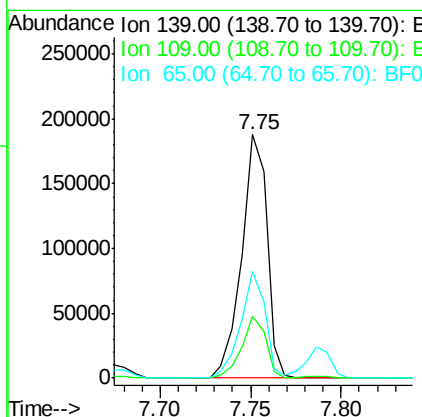
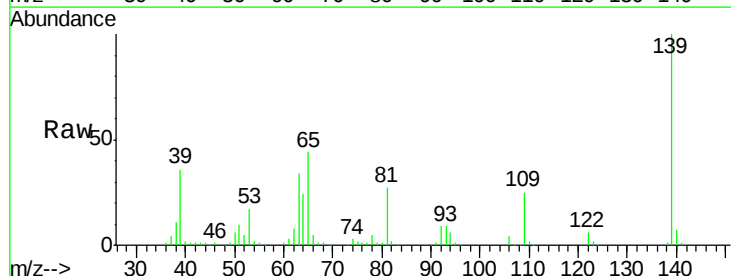
Instrument :
BNA_F
ClientSampleId :

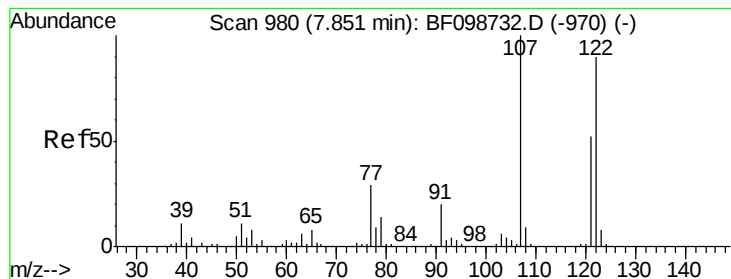
Tot Ion: 82 Resp: 583212
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 19.4 14.9 22.3



#26
2-Nitrophenol
Concen: 44.49 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion: 139 Resp: 183194
Ion Ratio Lower Upper
139 100
109 25.5 22.7 34.1
65 43.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.12 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

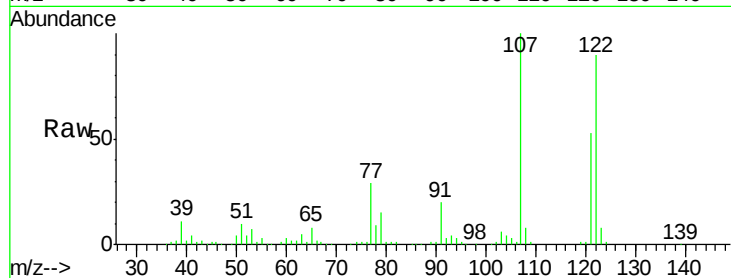
Tot Ion:122 Resp: 296402

Ion Ratio Lower Upper

122 100

107 110.8 91.2 136.8

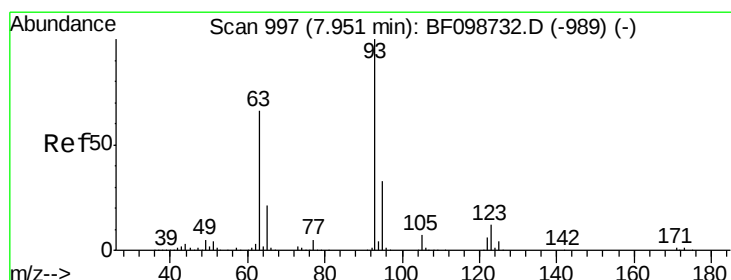
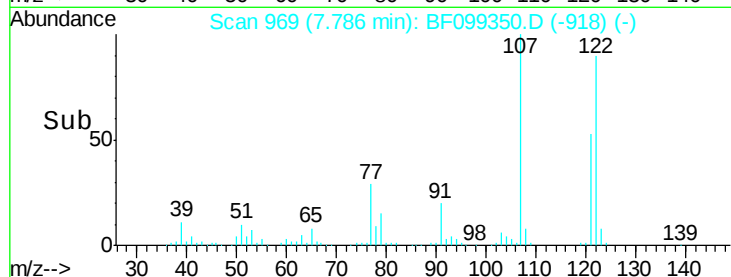
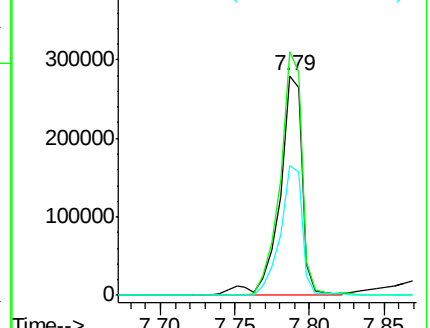
121 58.8 47.2 70.8



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: 38.62 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

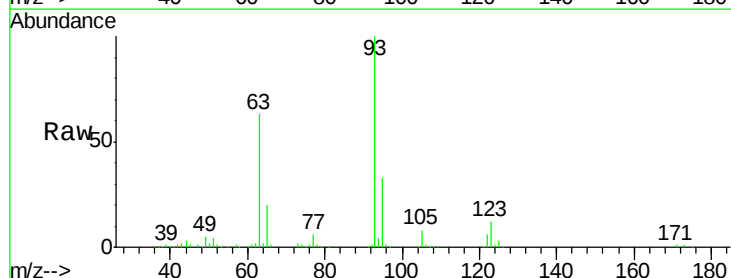
Tgt Ion: 93 Resp: 375571

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

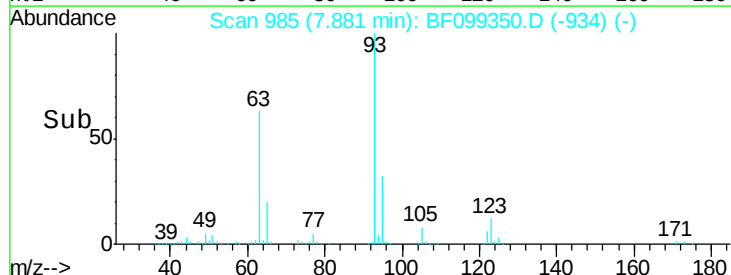
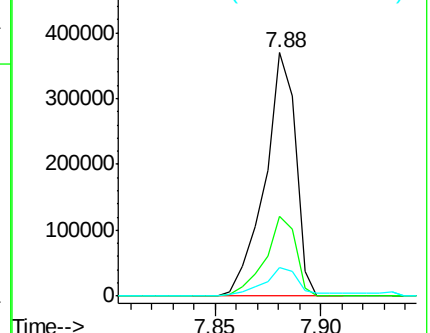
123 11.8 9.8 14.6

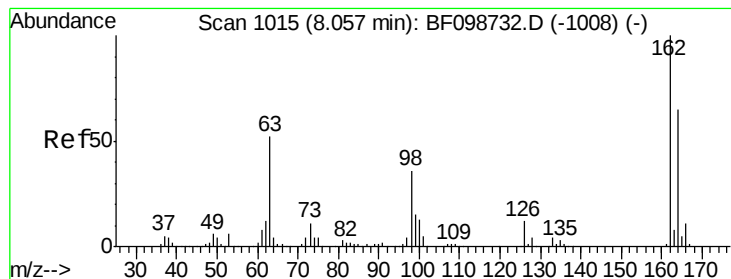


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.41 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

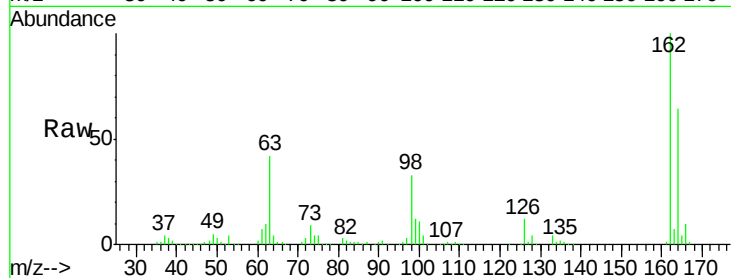
Tot Ion:162 Resp: 269797

Ion Ratio Lower Upper

162 100

164 64.1 42.7 82.7

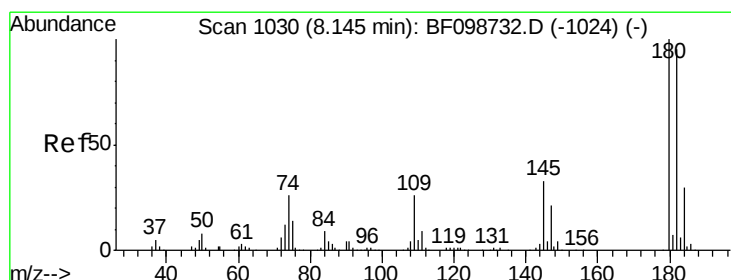
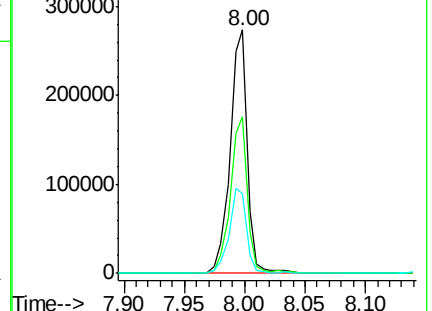
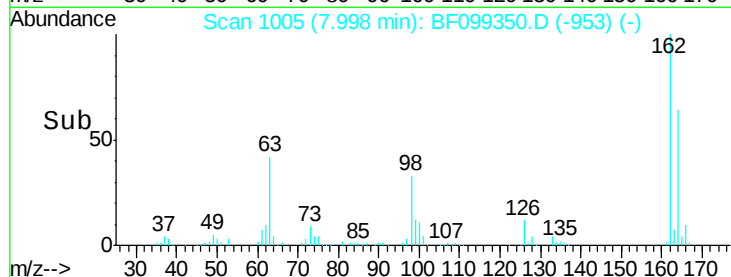
98 33.0 18.1 58.1



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: 41.24 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

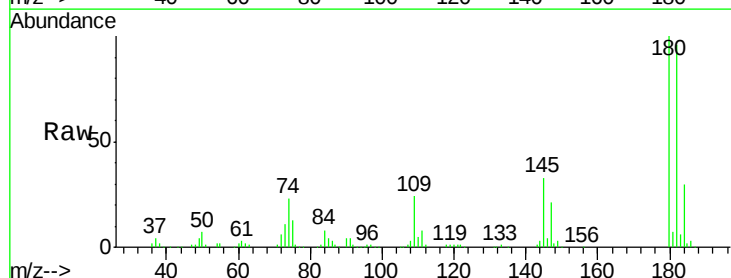
Tgt Ion:180 Resp: 275397

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

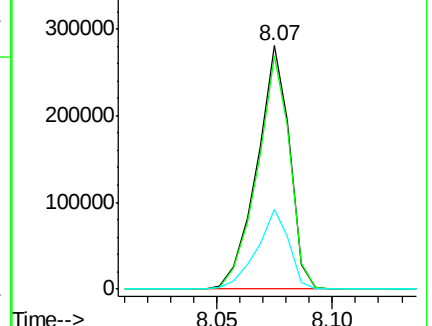
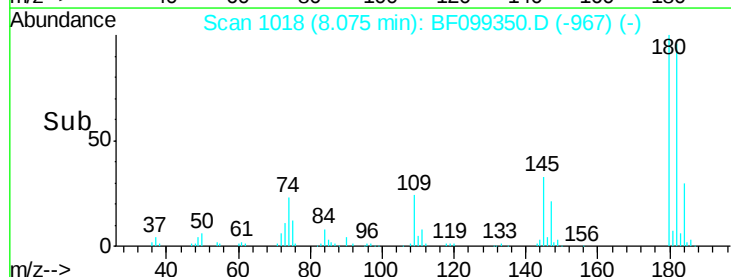
145 32.6 26.5 39.7

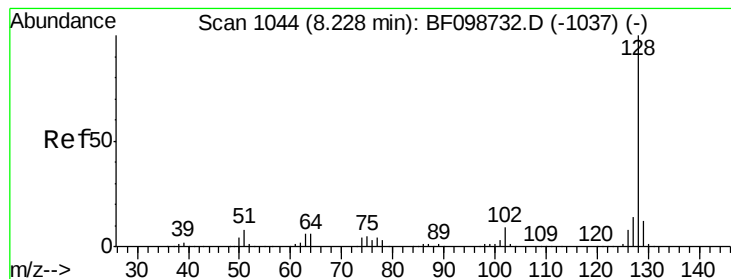


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.93 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

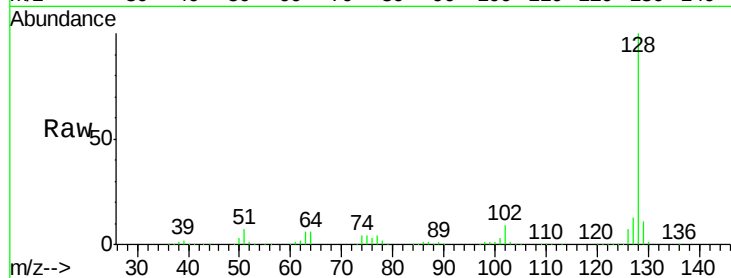
Tot Ion:128 Resp: 907854

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

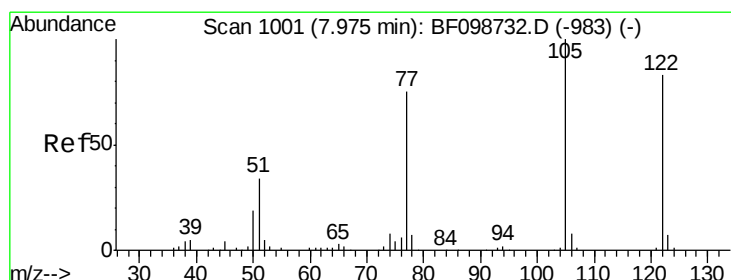
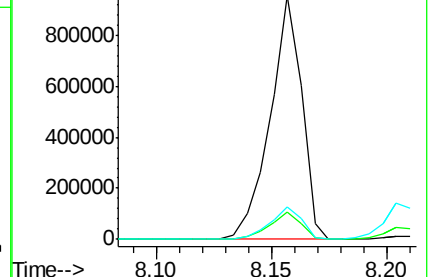
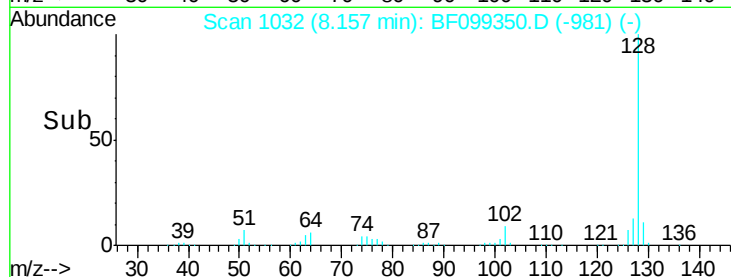
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.14 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

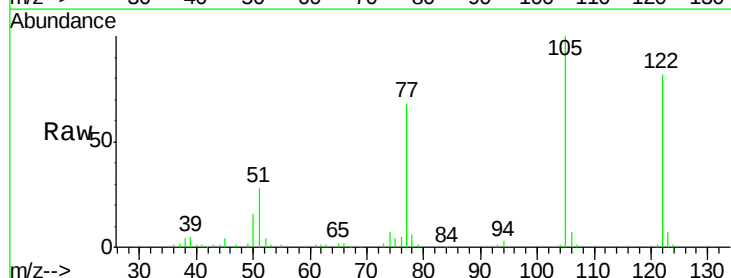
Tgt Ion:122 Resp: 205257

Ion Ratio Lower Upper

122 100

105 122.1 101.1 141.1

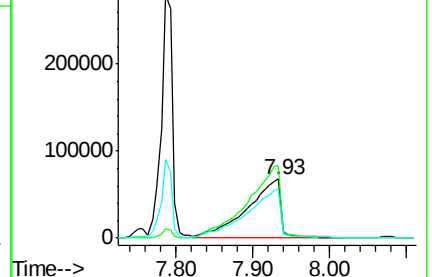
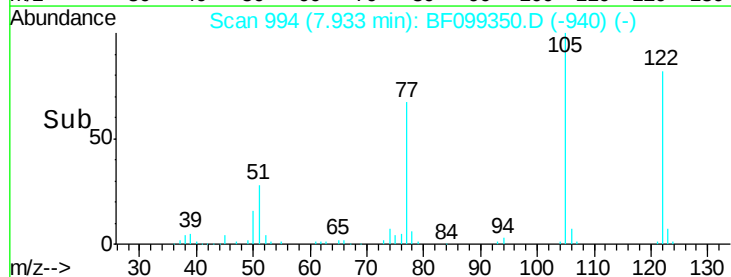
77 82.8 70.7 110.7



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

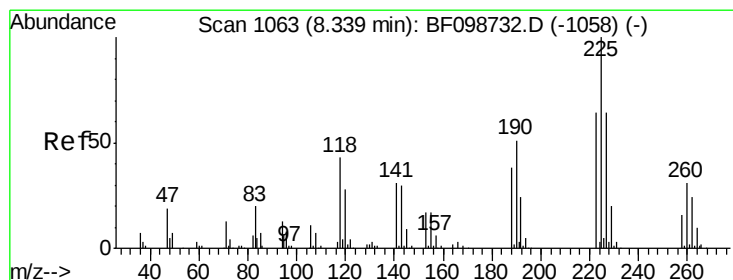
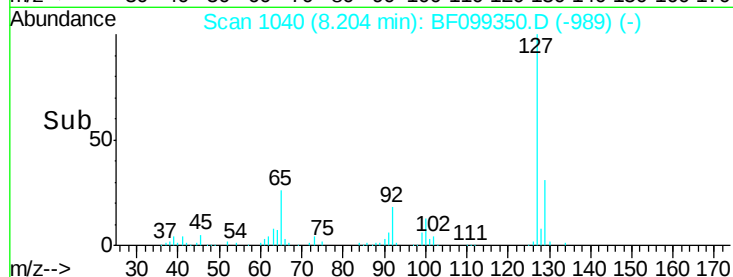
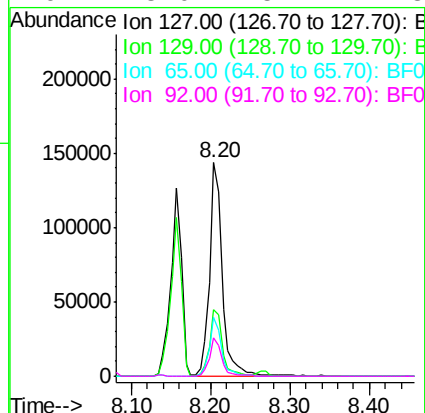
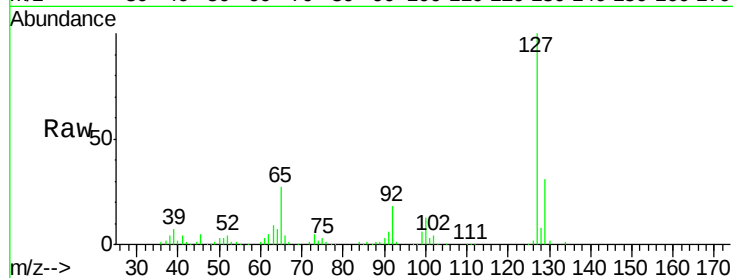




#33
4-Chloroaniline
Concen: 17.06 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

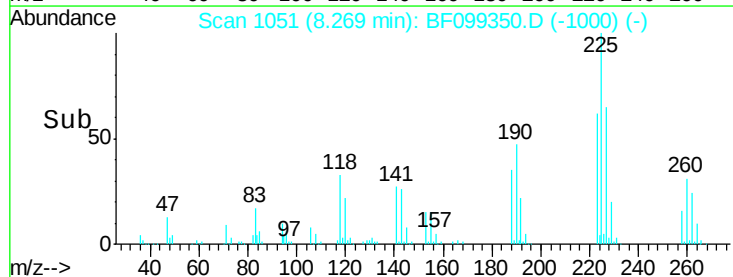
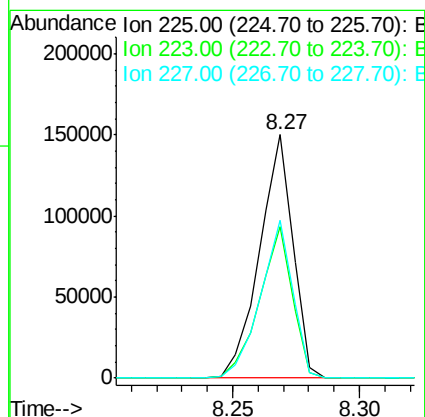
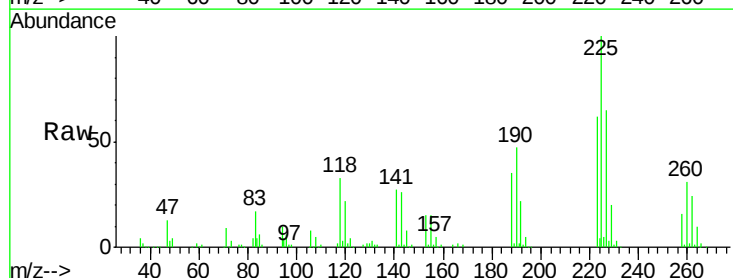
Instrument :
BNA_F
ClientSampled :

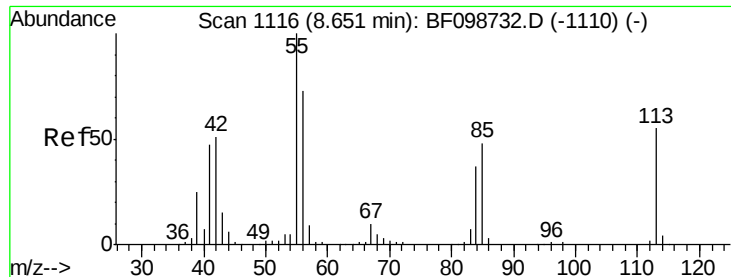
Tot Ion:	127	Resp:	162005
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	27.5	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.23 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:	225	Resp:	138366
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	64.8	51.9	77.9





#35

Caprolactam

Concen: 21.68 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampled :

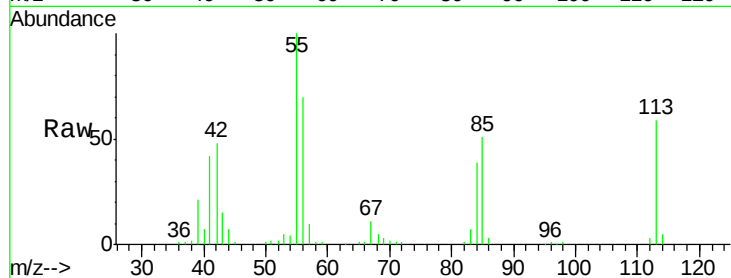
Tot Ion:113 Resp: 46419

Ion Ratio Lower Upper

113 100

55 170.9 163.3 203.3

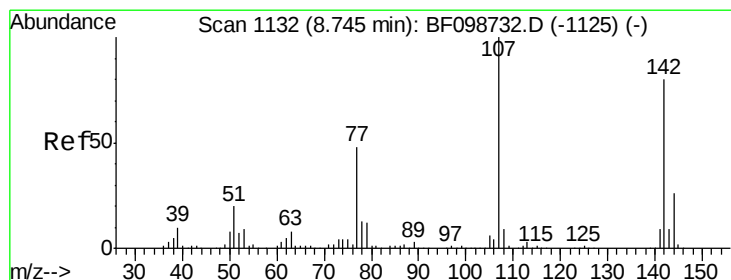
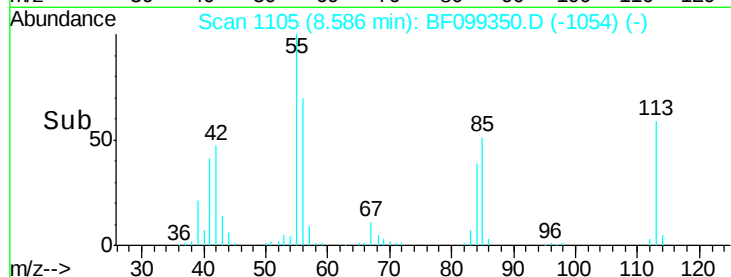
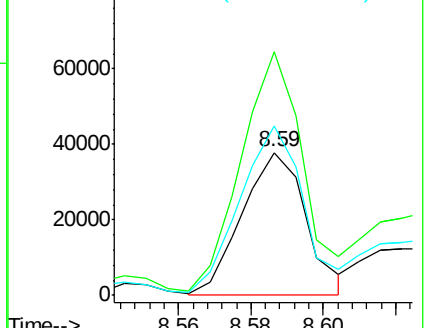
56 119.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.19 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

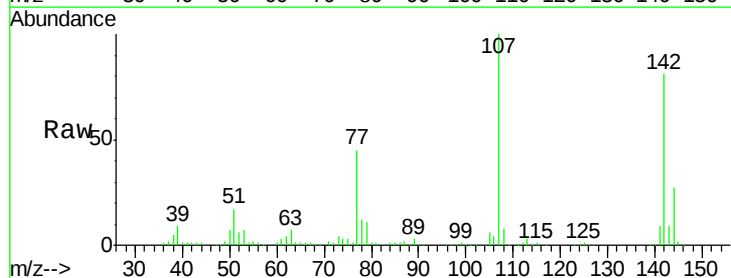
Tgt Ion:107 Resp: 279044

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

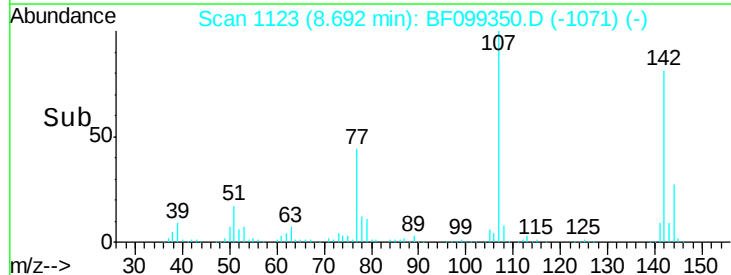
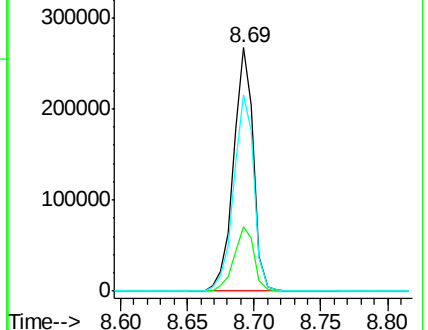
142 80.7 62.0 93.0

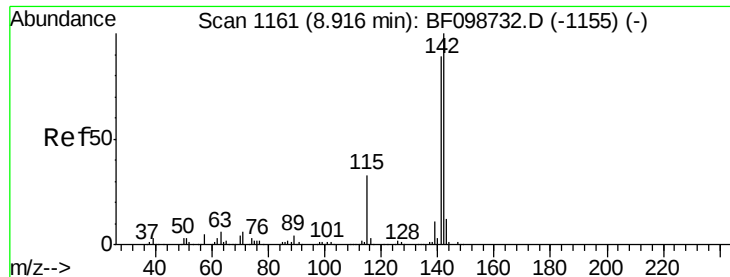


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

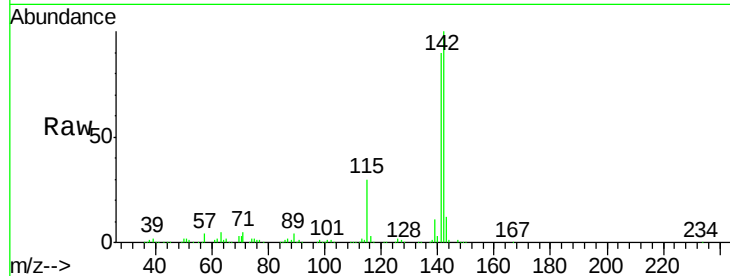




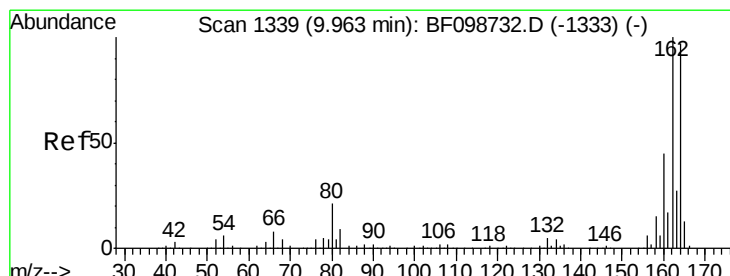
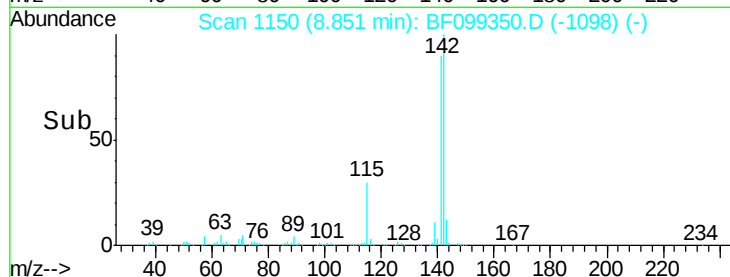
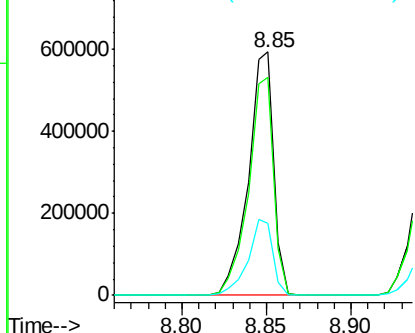
#37
2-Methylnaphthalene
Concen: 42.17 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	29.6	26.1	39.1

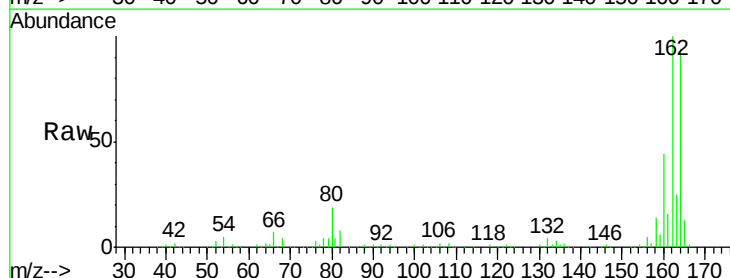


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

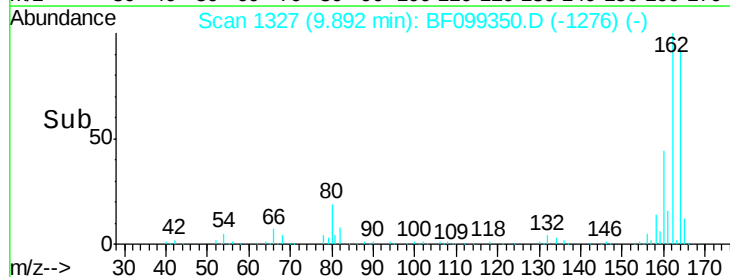
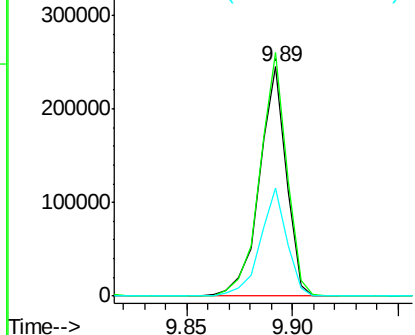


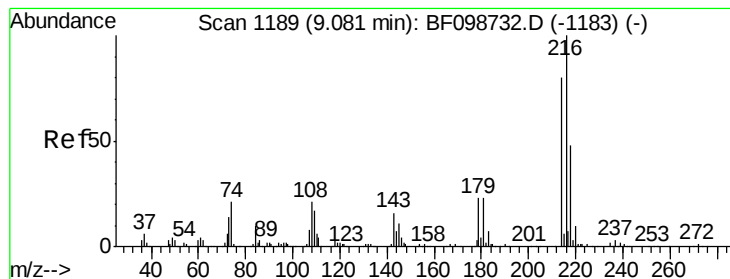
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	47.1	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.46 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099350.D

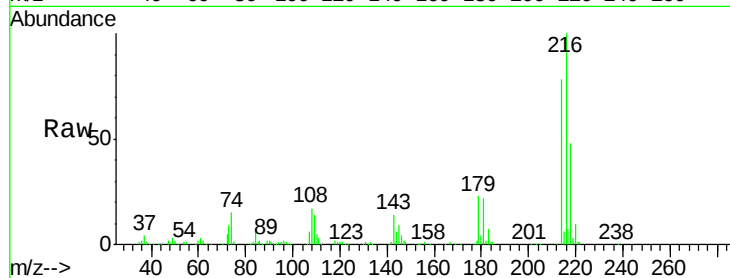
Acq: 11 Oct 2017 17:49

Instrument :

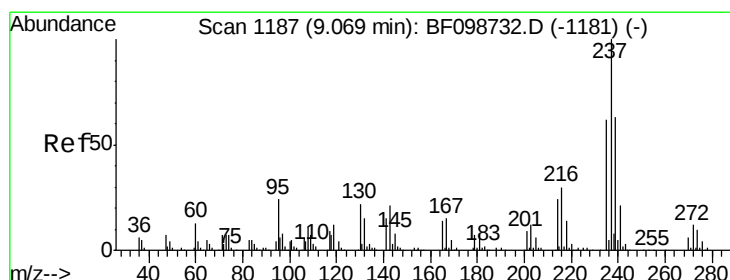
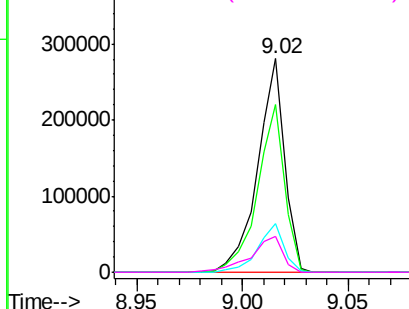
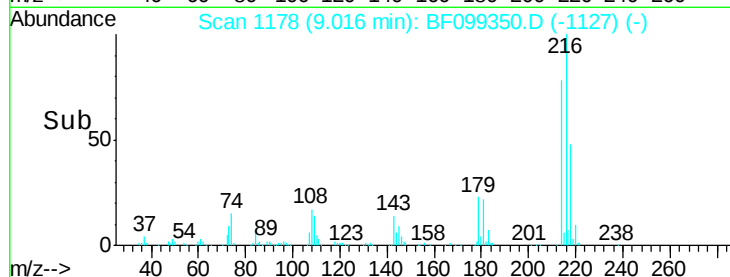
BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	249497
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.5	18.1	27.1
108	20.2	17.2	25.8



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: 59.14 ng

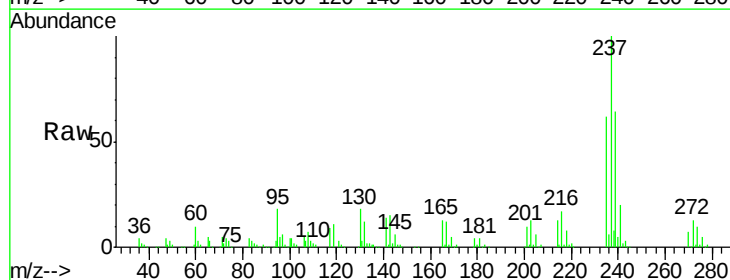
RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

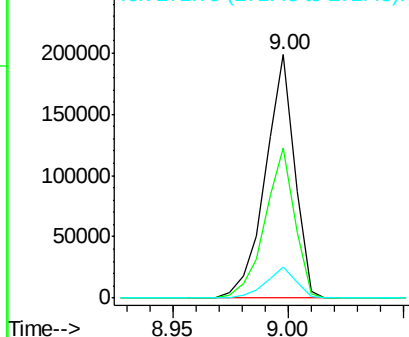
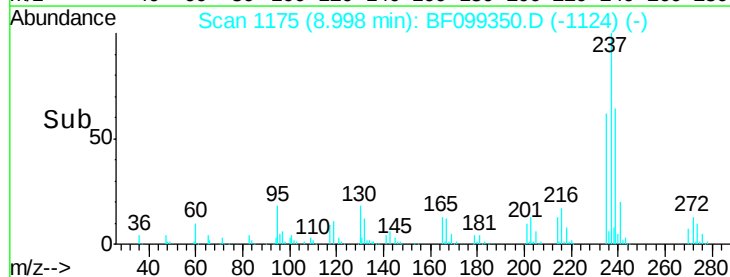
Lab File: BF099350.D

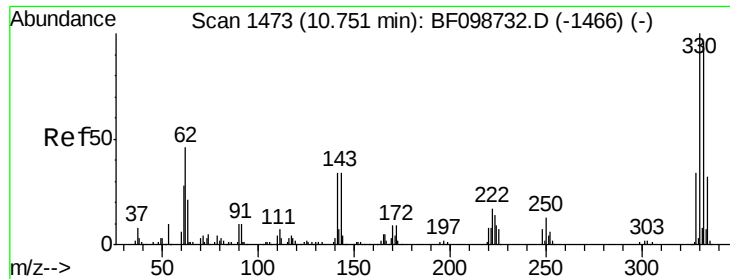
Acq: 11 Oct 2017 17:49

Tgt Ion:	237	Resp:	175332
Ion	Ratio	Lower	Upper
237	100		
235	61.7	44.8	84.8
272	12.6	0.0	33.3



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

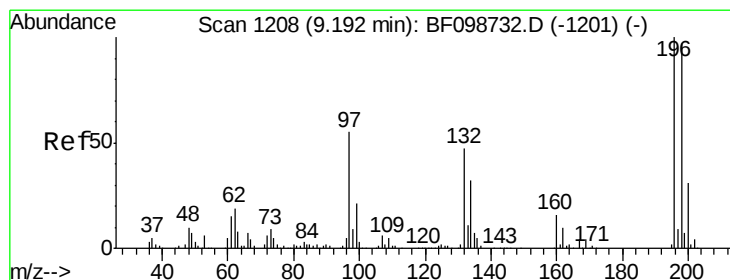
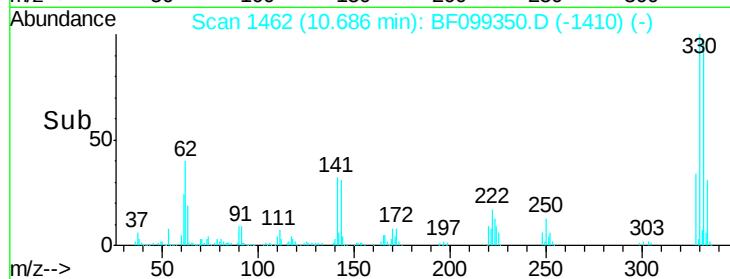
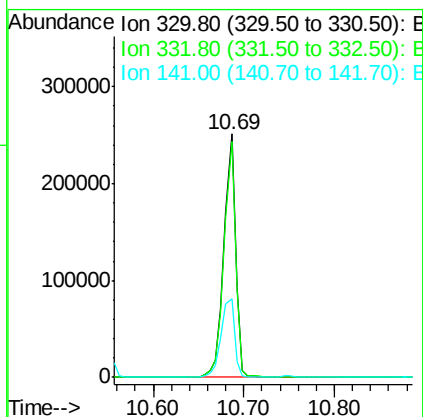
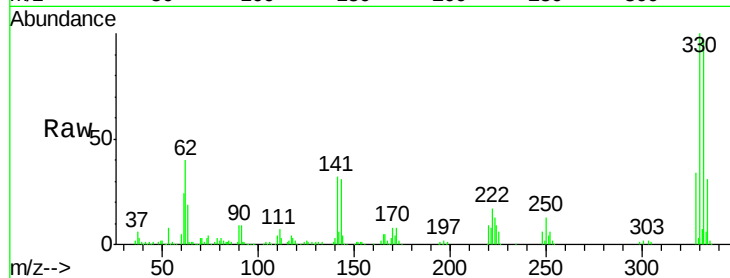




#41
 2,4,6-Tribromophenol
 Concen: 125.34 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

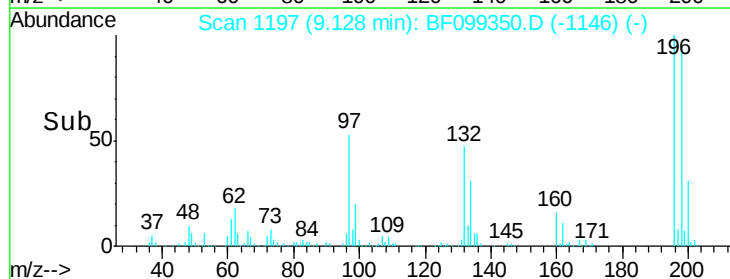
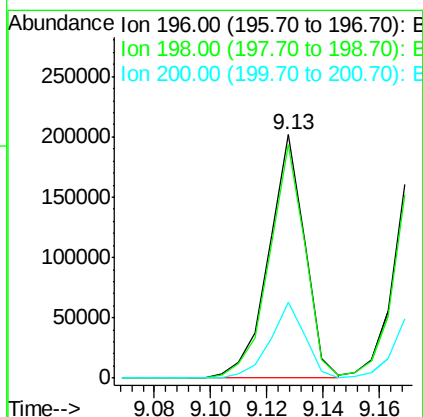
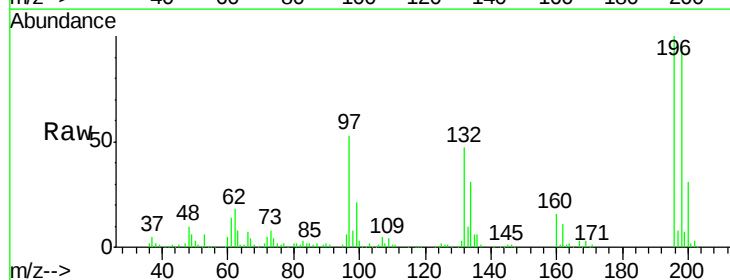
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 223082
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.78 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion:196 Resp: 178196
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 31.0 24.5 36.7

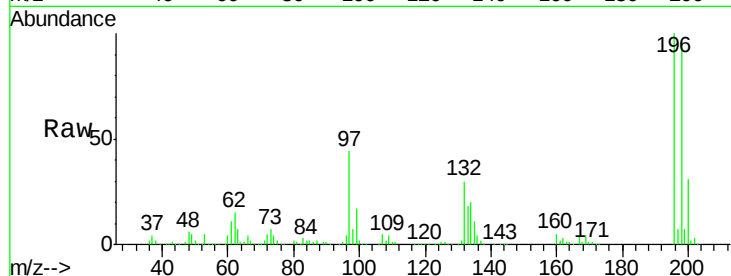




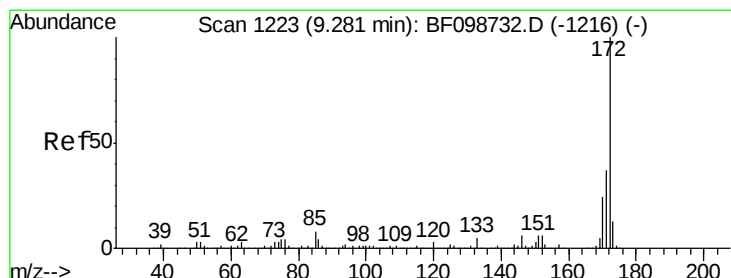
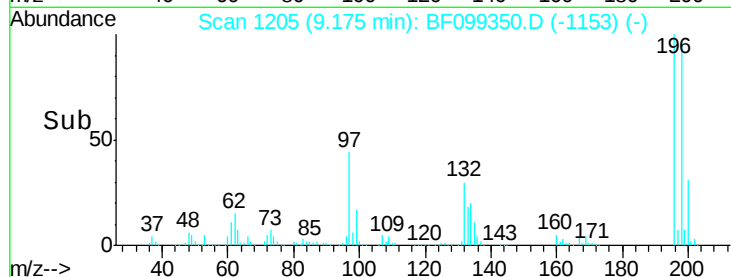
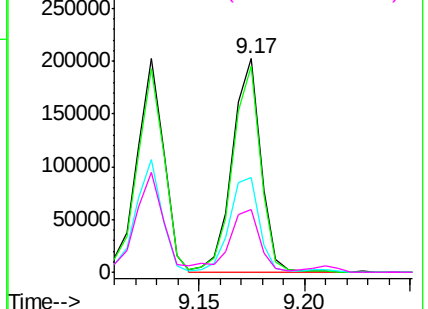
#43
 2,4,5-Trichlorophenol
 Concen: 40.78 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	187089
Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.6	112.0
97	44.3	42.9	64.3
132	29.6	26.3	39.5

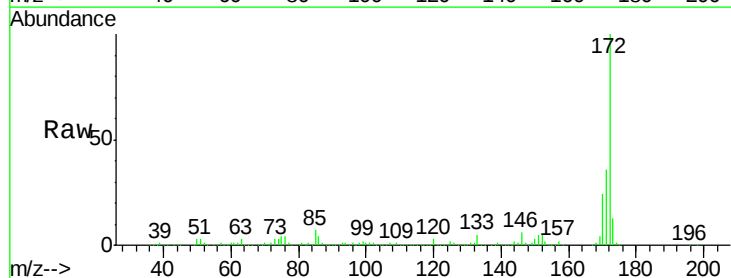


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

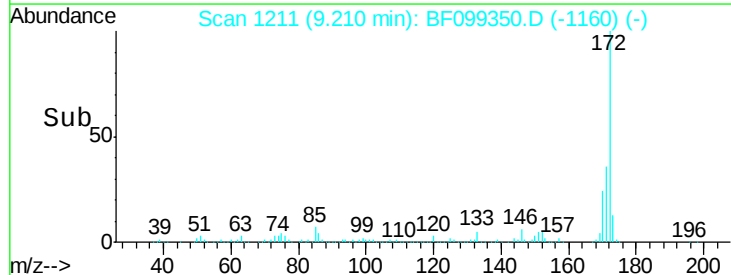
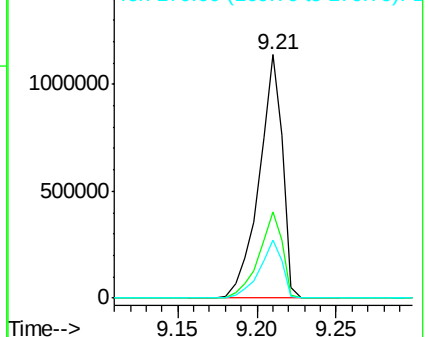


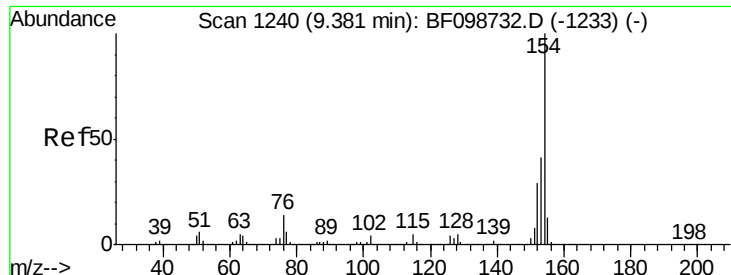
#44
 2-Fluorobiphenyl
 Concen: 90.23 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion:	172	Resp:	1175626
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4



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

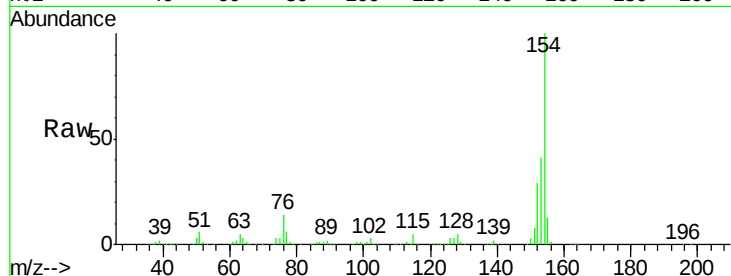




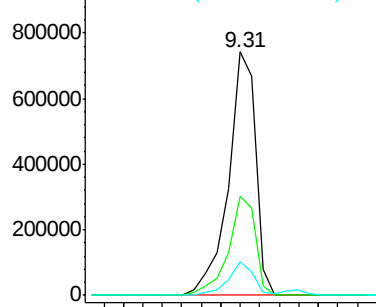
#45
1,1'-Biphenyl
Concen: 38.44 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :

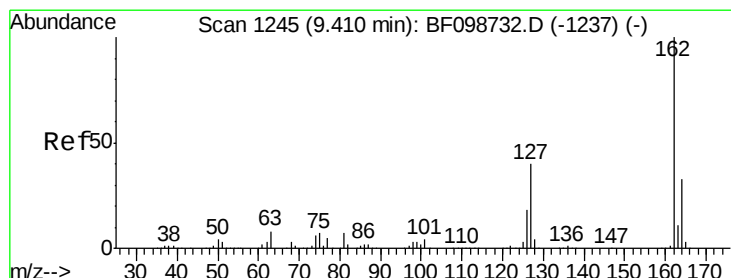
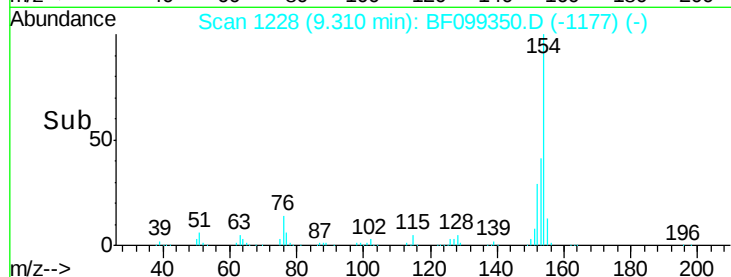
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.7	0.0	34.0



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

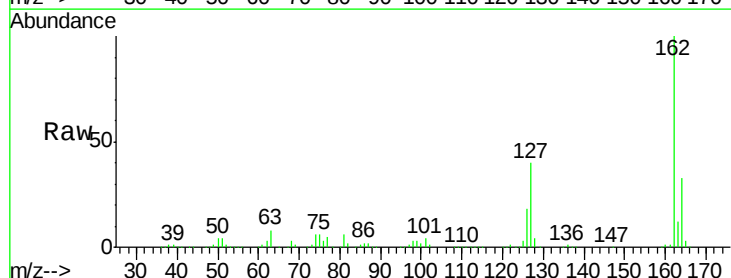


Time-->

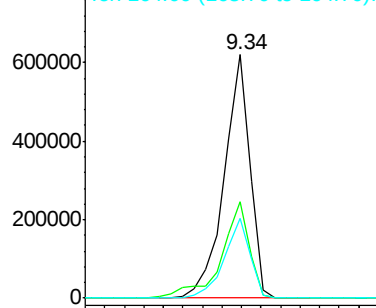


#46
2-Chloronaphthalene
Concen: 40.43 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

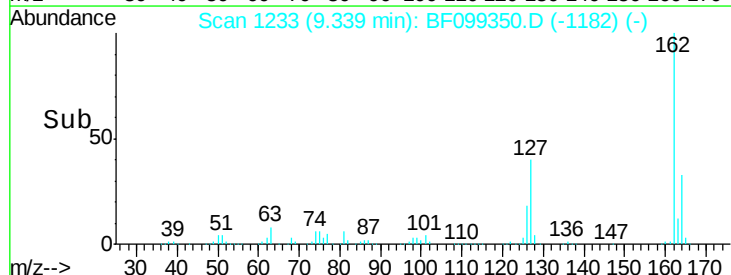
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.9	50.9
164	32.6	26.5	39.7

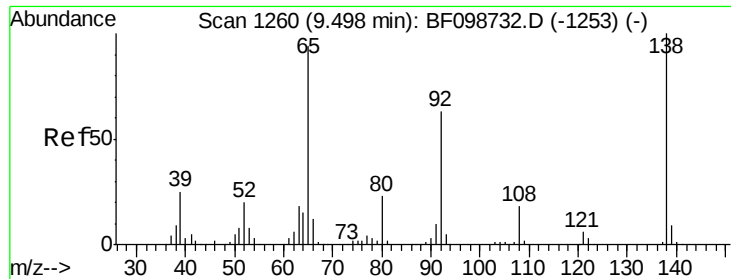


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

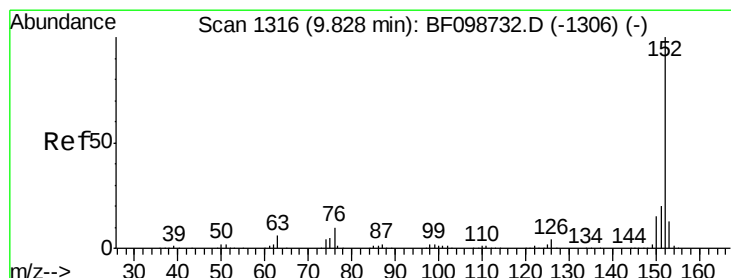
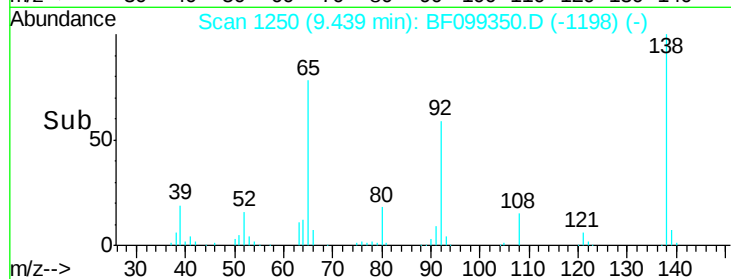
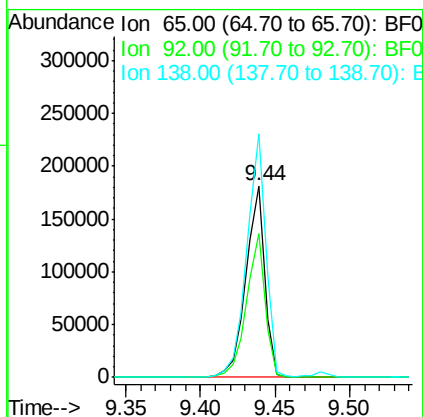
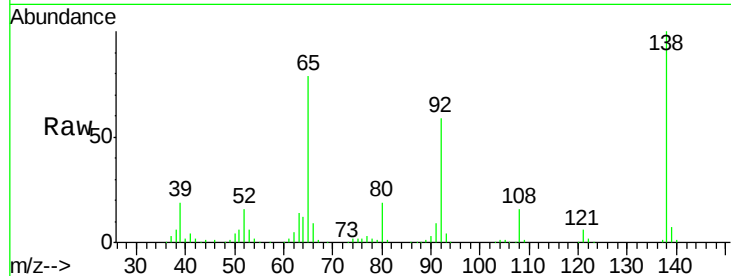




#47
2-Nitroaniline
Concen: 37.10 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

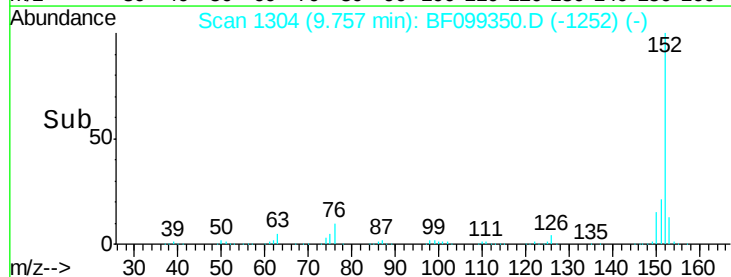
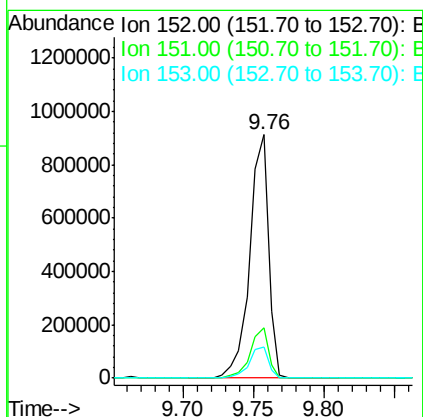
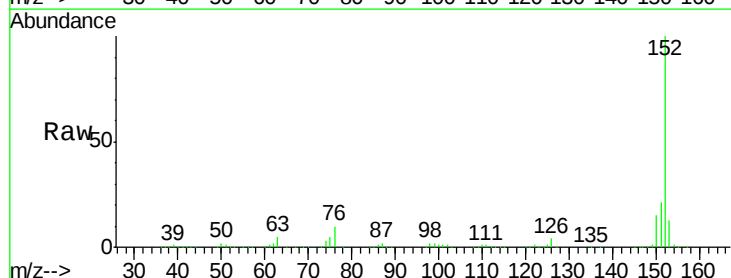
Instrument :
BNA_F
ClientSampleId :

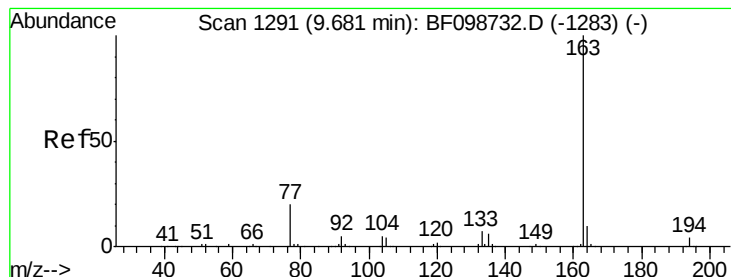
Tot Ion: 65 Resp: 159443
Ion Ratio Lower Upper
65 100
92 74.9 55.8 83.6
138 127.3 91.2 136.8



#48
Acenaphthylene
Concen: 39.79 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:152 Resp: 854989
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 40.39 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

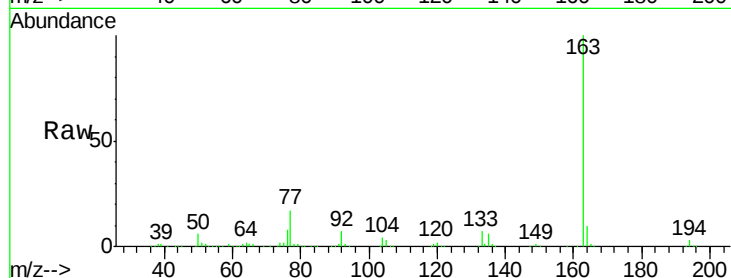
Tot Ion:163 Resp: 663040

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

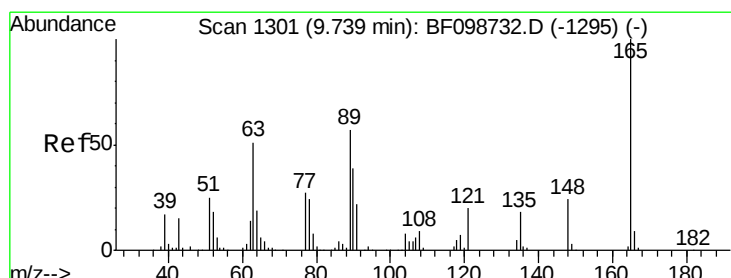
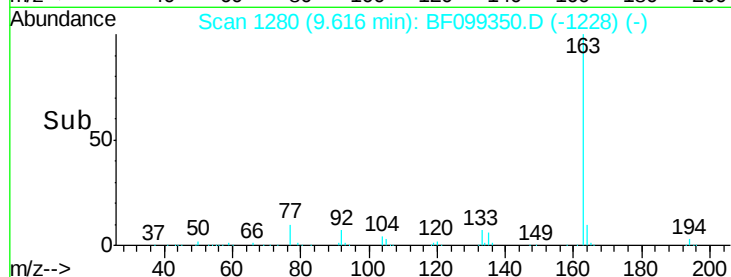
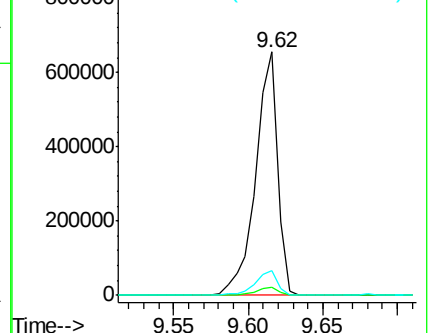
164 10.1 8.2 12.2



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: 41.99 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

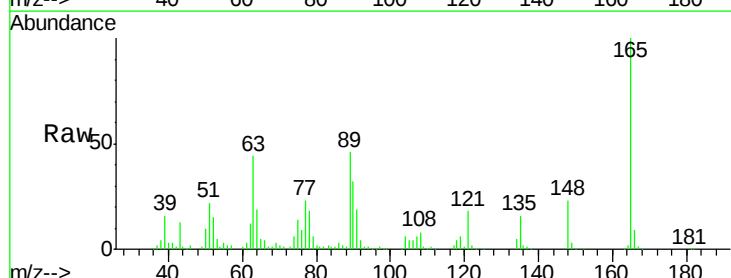
Tgt Ion:165 Resp: 150063

Ion Ratio Lower Upper

165 100

63 44.0 44.7 67.1#

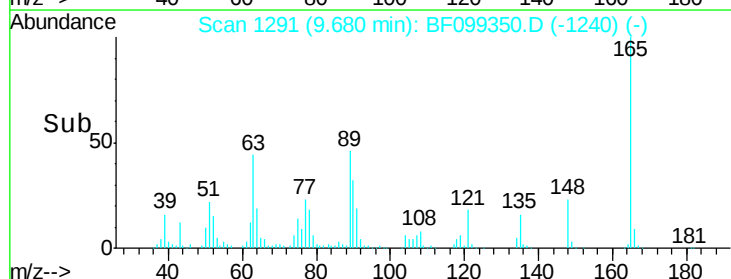
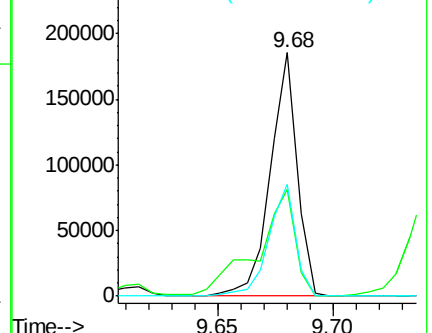
89 45.8 44.0 66.0

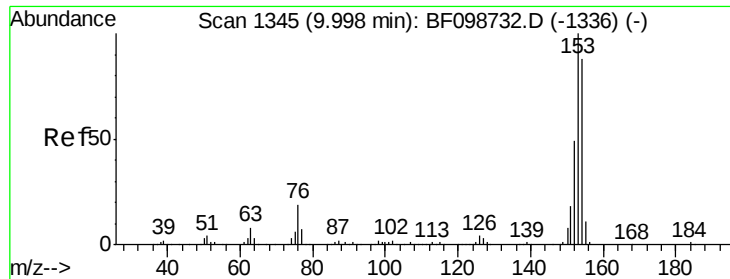


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.85 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

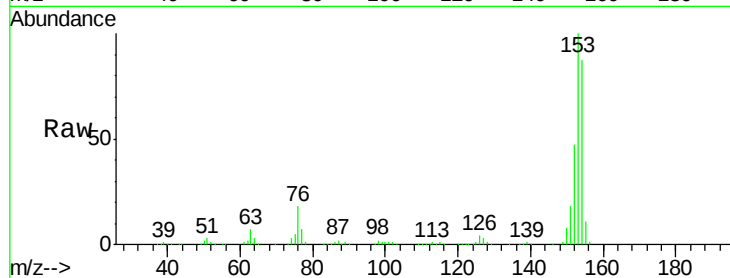
Tot Ion:154 Resp: 501617

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

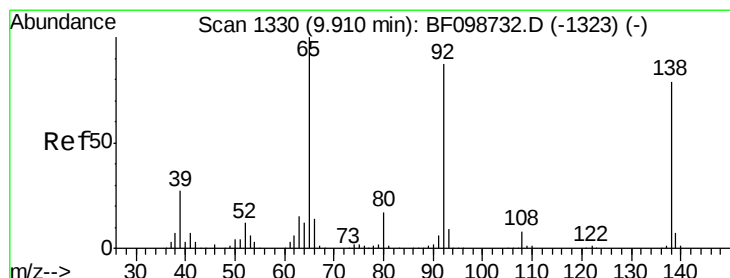
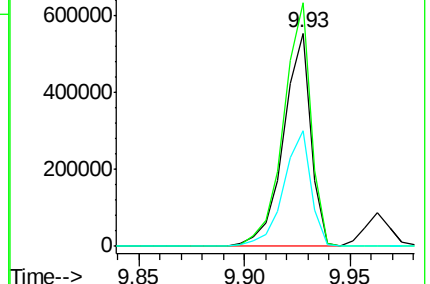
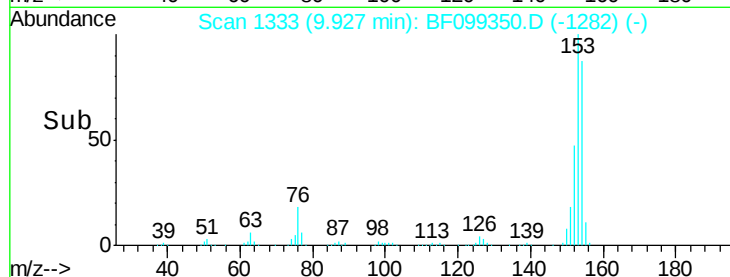
152 54.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.87 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

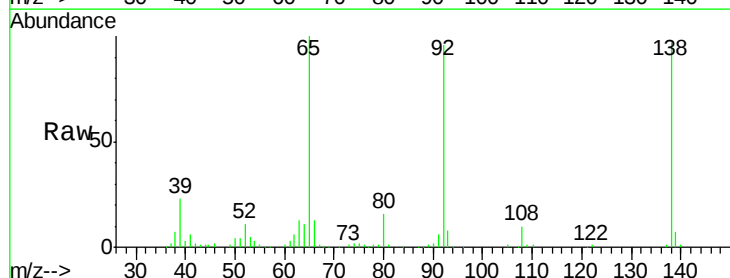
Tgt Ion:138 Resp: 111976

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

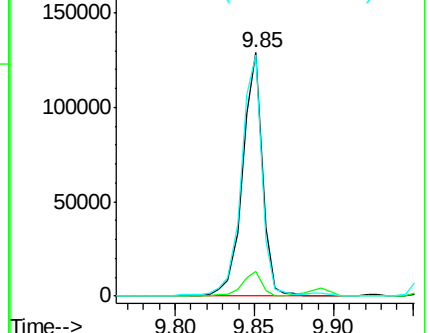
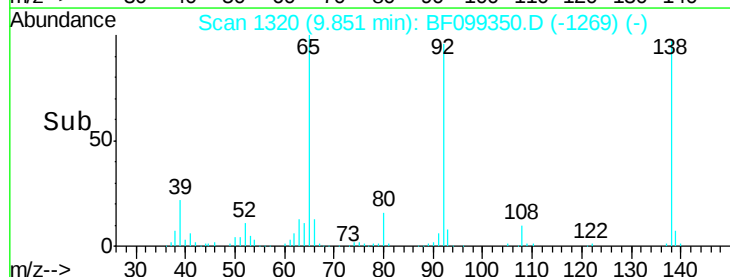
92 98.9 89.4 134.2

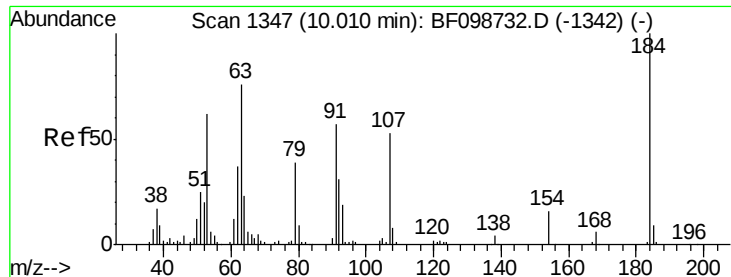


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

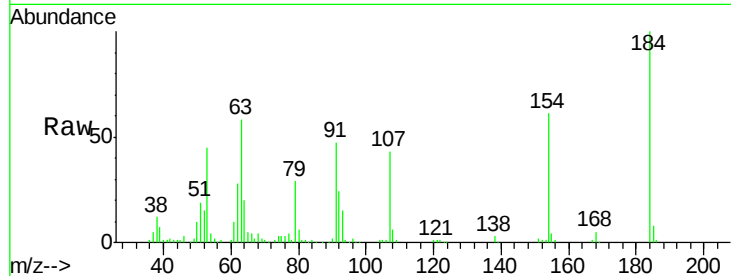




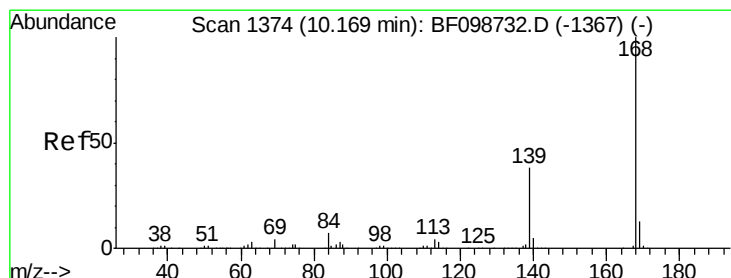
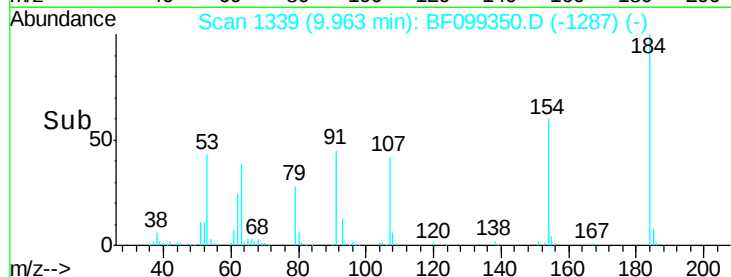
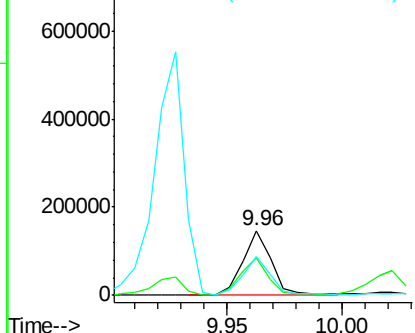
#53
2,4-Dinitrophenol
Concen: 70.11 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 129012
Ion Ratio Lower Upper
184 100
63 57.6 54.2 81.2
154 60.5 53.5 80.3

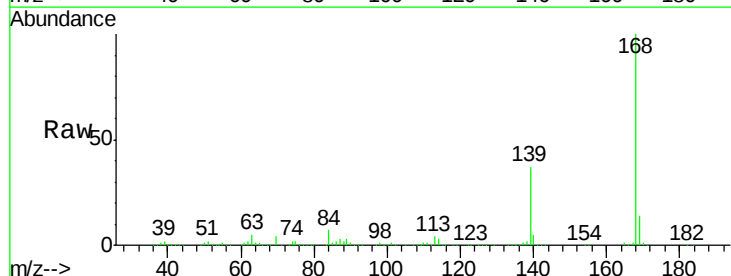


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

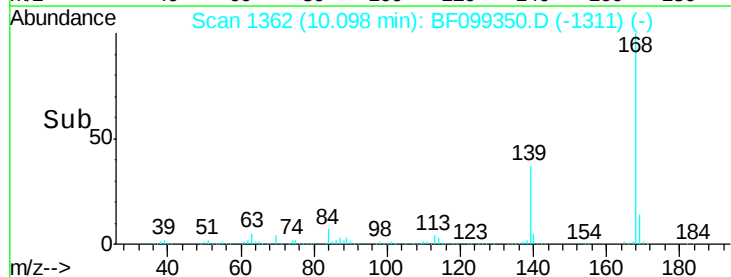
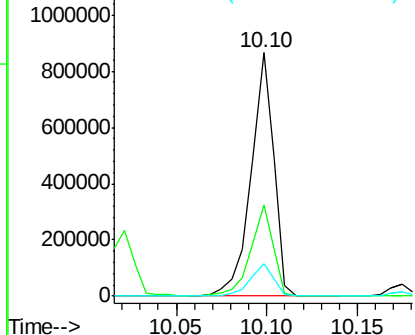


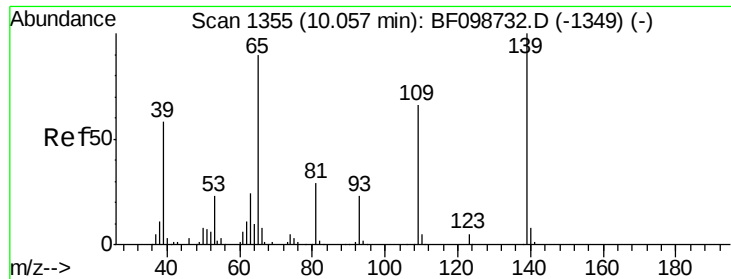
#54
Dibenzofuran
Concen: 41.48 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:168 Resp: 751725
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 13.5 10.9 16.3



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

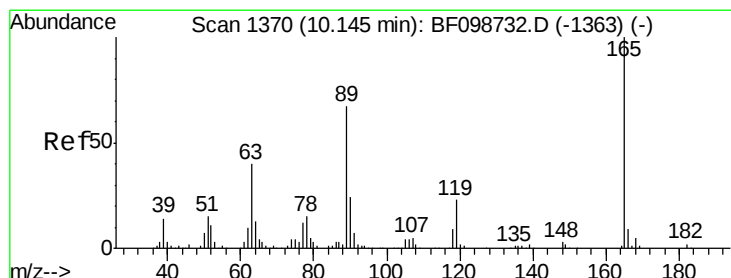
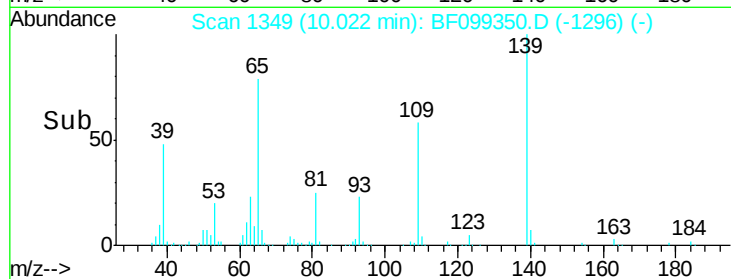
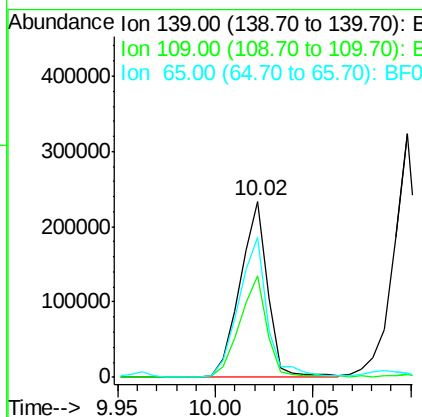
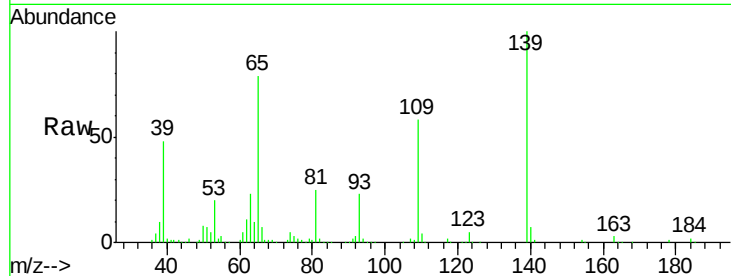




#55
4-Nitrophenol
Concen: 65.26 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

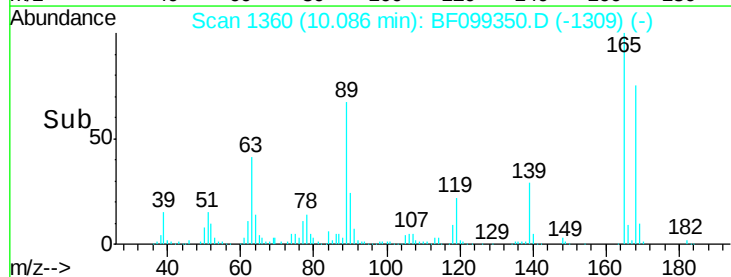
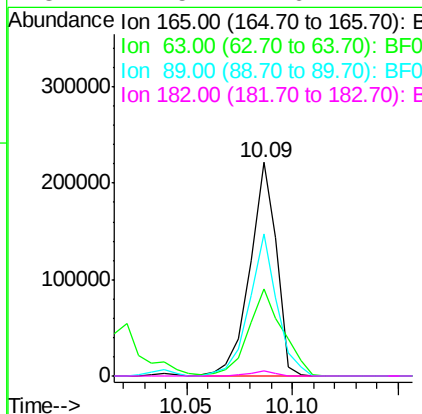
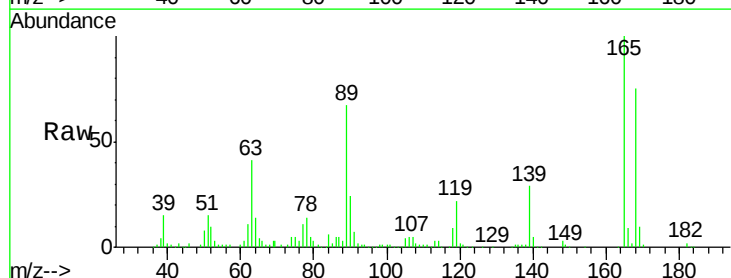
Instrument :
BNA_F
ClientSampleId :

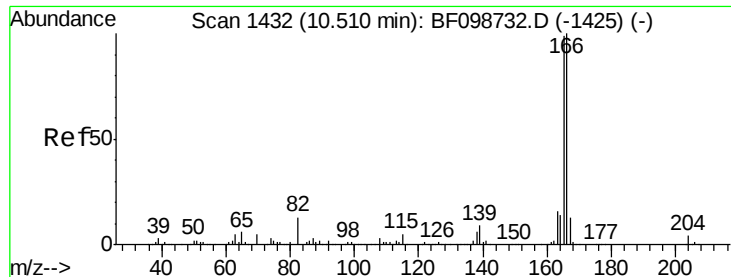
Tot Ion:139 Resp: 229968
Ion Ratio Lower Upper
139 100
109 57.6 48.4 88.4
65 79.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.97 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:165 Resp: 194667
Ion Ratio Lower Upper
165 100
63 41.1 36.4 54.6
89 66.7 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 40.60 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

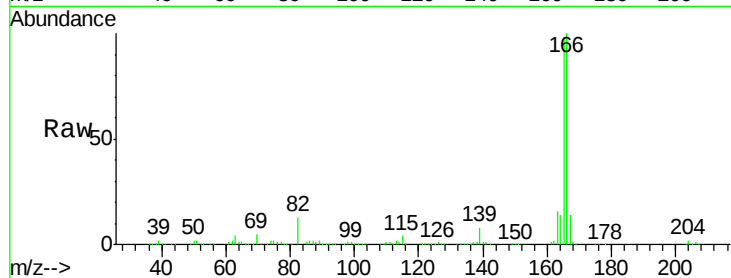
Tot Ion:166 Resp: 591302

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

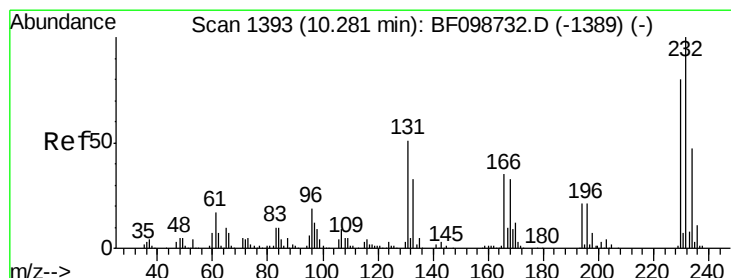
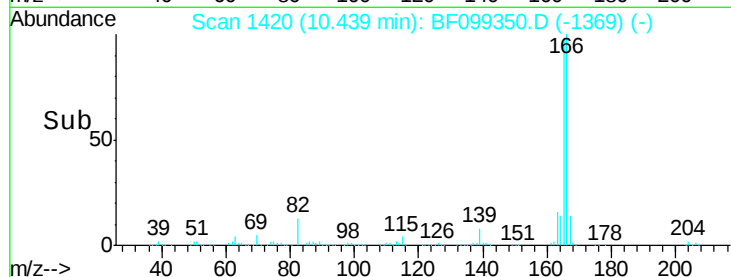
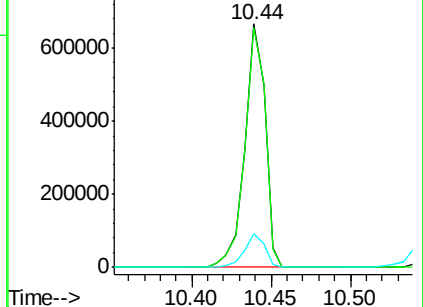
167 13.7 10.6 16.0



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: 44.78 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:232 Resp: 141910

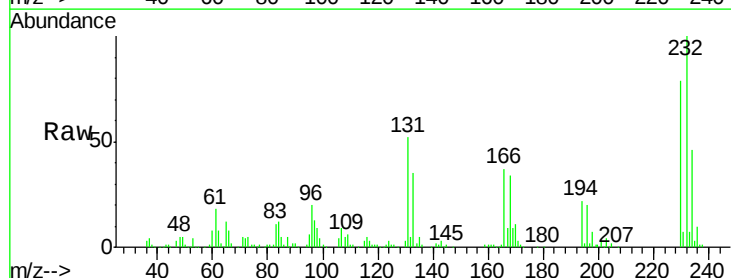
Ion Ratio Lower Upper

232 100

131 49.2 43.8 65.8

130 2.5 2.1 3.1

166 34.7 27.8 41.6

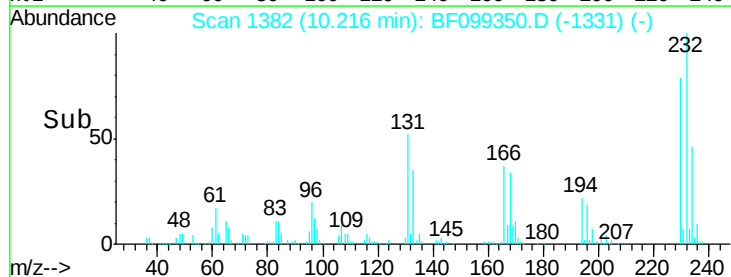
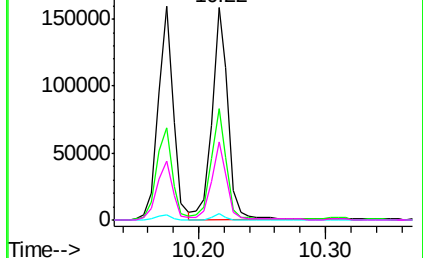


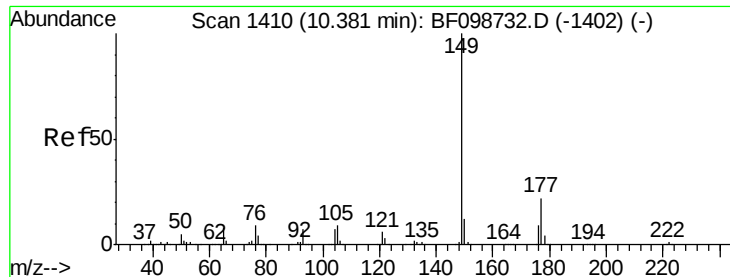
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.56 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

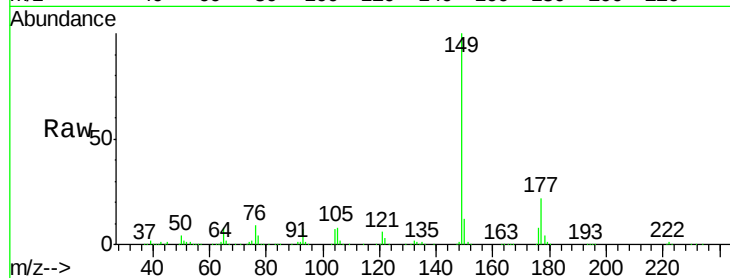
Tot Ion:149 Resp: 634526

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

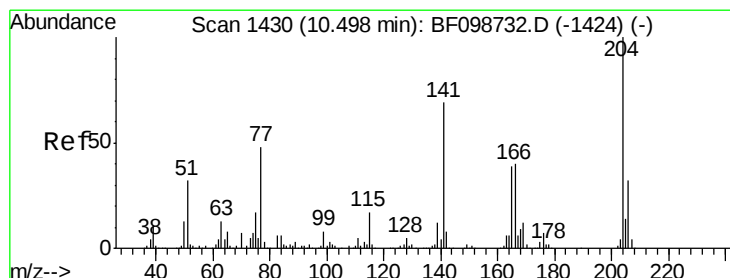
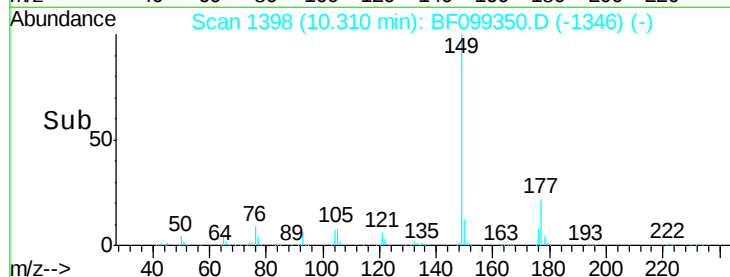
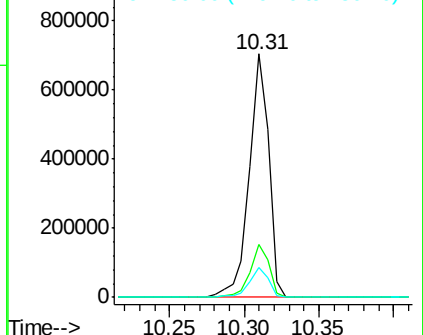
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.75 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

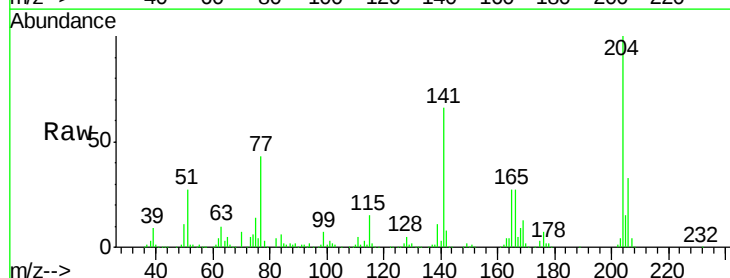
Tgt Ion:204 Resp: 266613

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

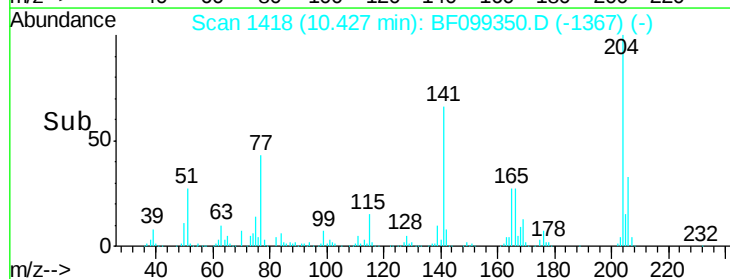
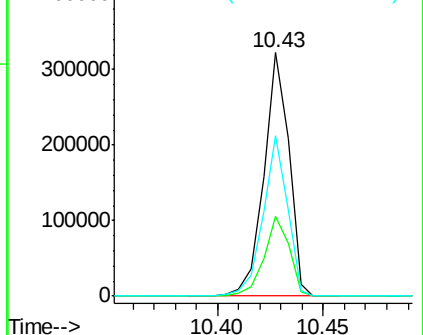
141 66.0 54.6 81.8

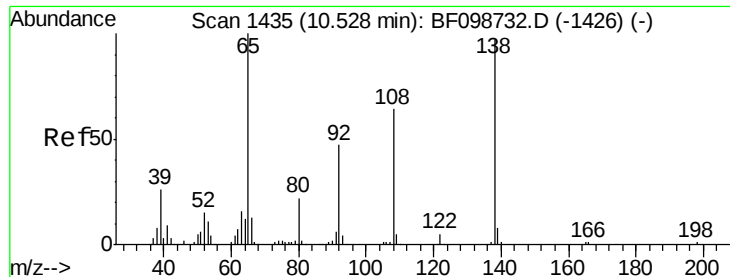


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

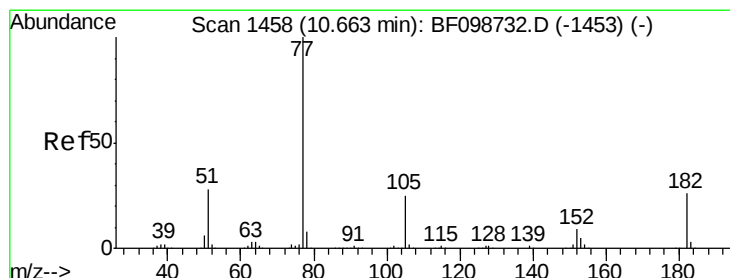
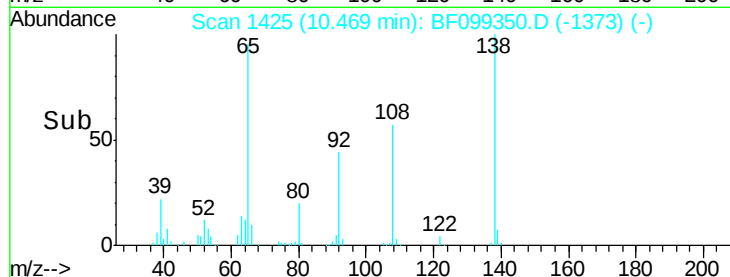
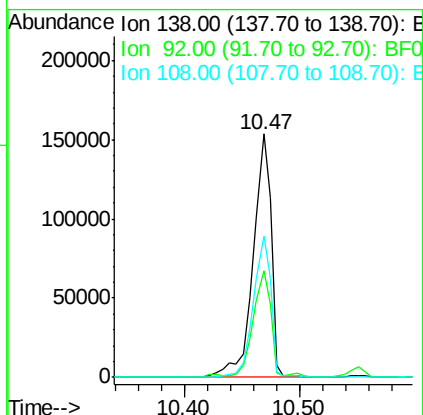
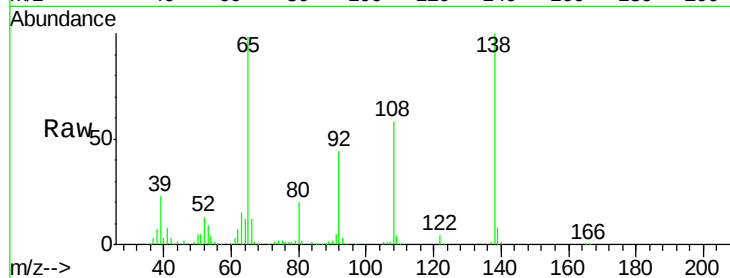




#61
4-Nitroaniline
Concen: 41.64 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

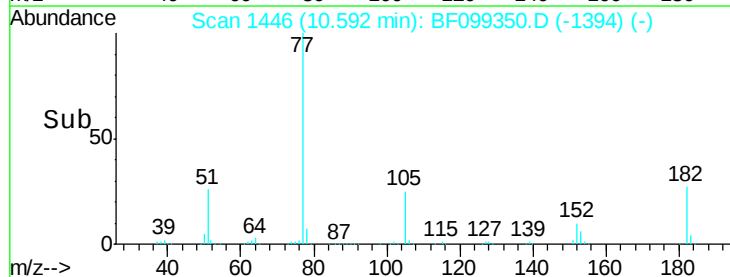
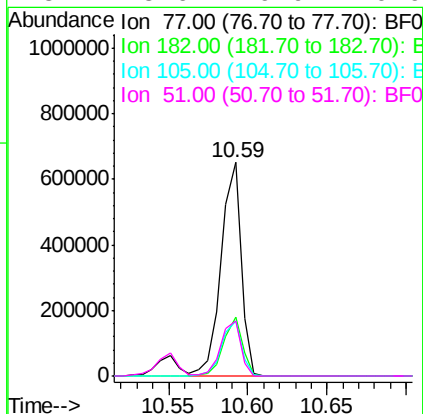
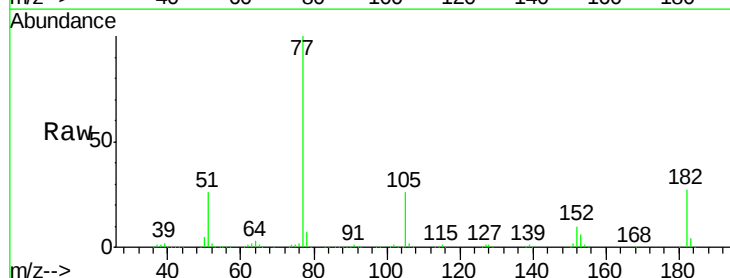
Instrument :
BNA_F
ClientSampleId :

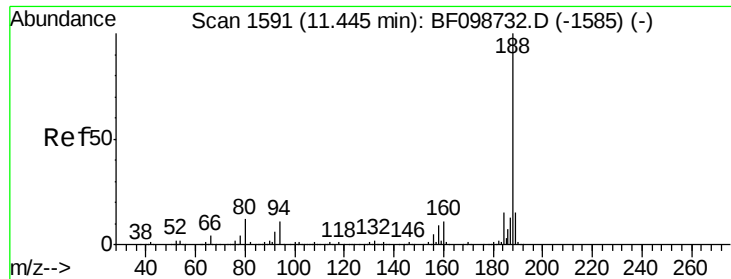
Tot Ion:138 Resp: 167423
Ion Ratio Lower Upper
138 100
92 43.7 30.2 70.2
108 58.1 52.5 92.5



#62
Azobenzene
Concen: 38.81 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion: 77 Resp: 572492
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 25.6 3.0 43.0
51 25.6 9.9 49.9

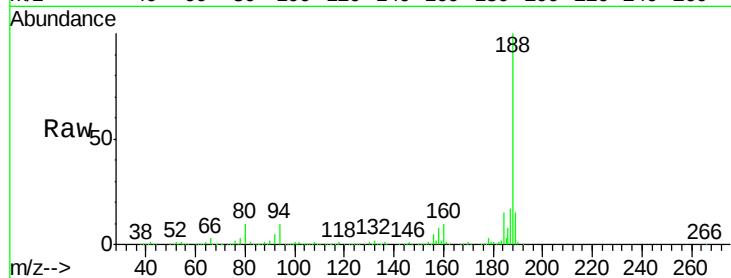




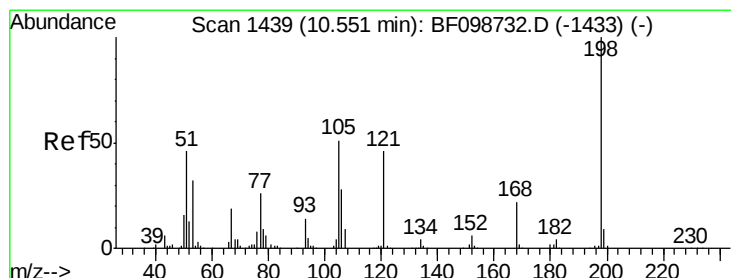
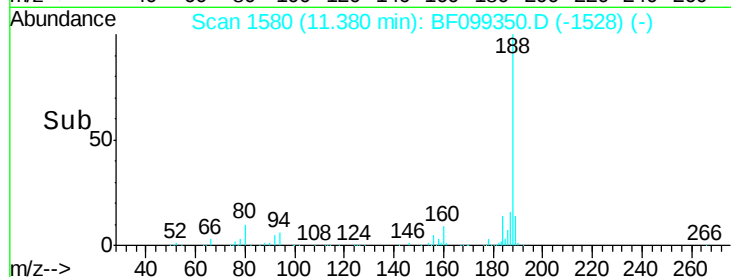
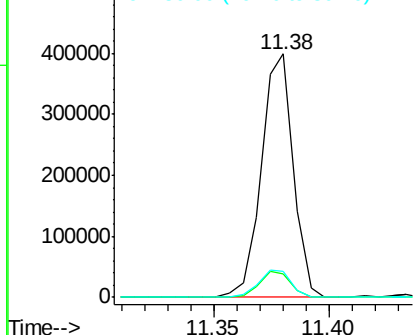
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 383391
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.5 9.2 13.8

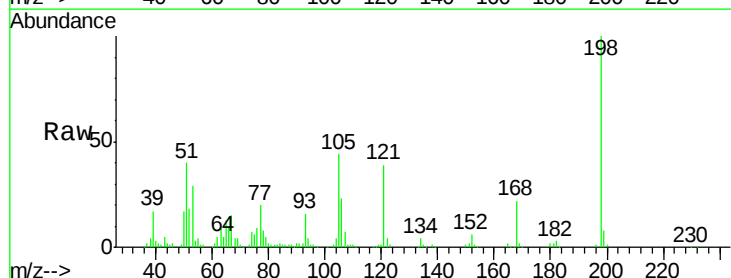


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

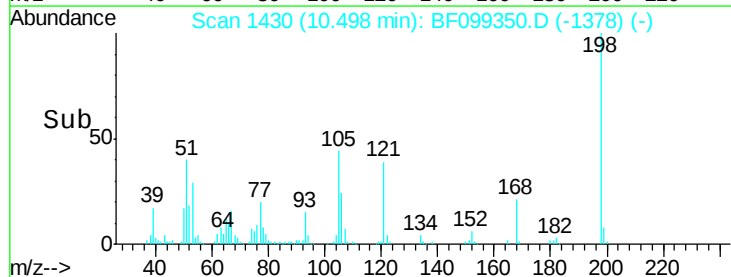
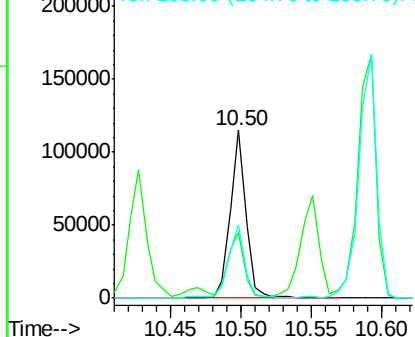


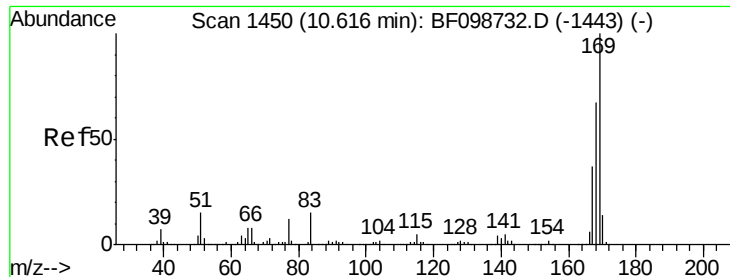
#64
4,6-Dinitro-2-methylphenol
Concen: 38.24 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:198 Resp: 89202
Ion Ratio Lower Upper
198 100
51 39.6 37.7 77.7
105 44.1 36.3 76.3



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

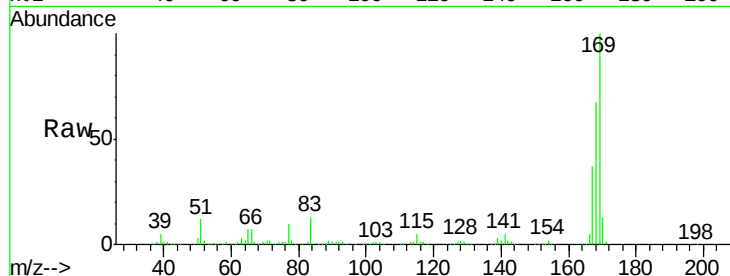




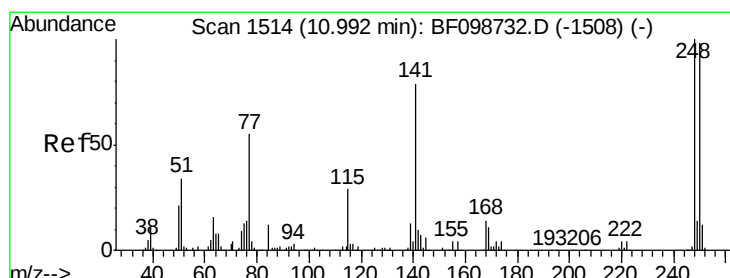
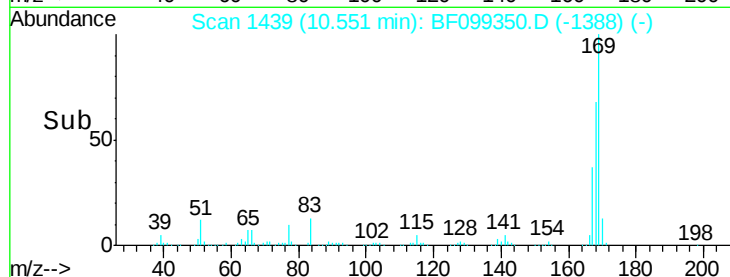
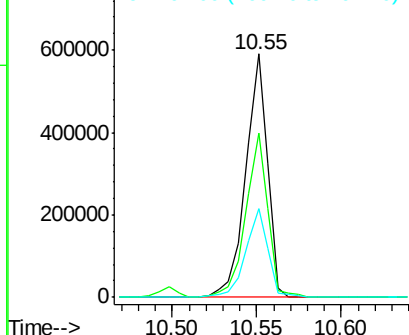
#65
 n-Nitrosodiphenylamine
 Concen: 40.25 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.5	54.4	81.6	
167	36.7	29.8	44.6	

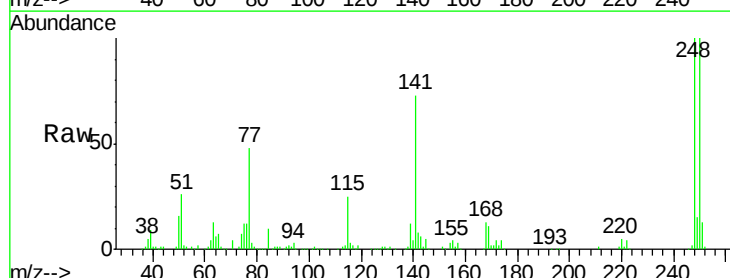


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

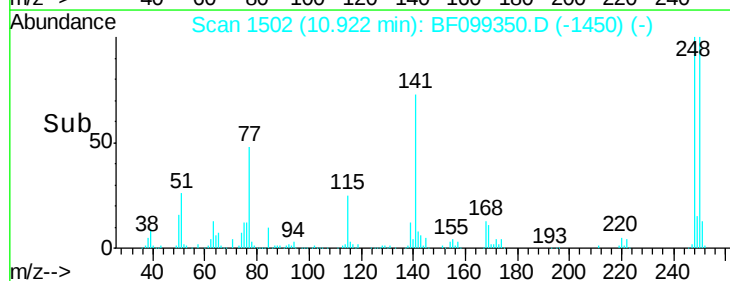
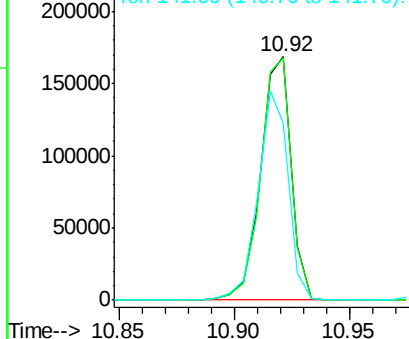


#66
 4-Bromophenyl-phenylether
 Concen: 41.48 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	99.7	76.9	115.3	
141	72.6	74.4	111.6	



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

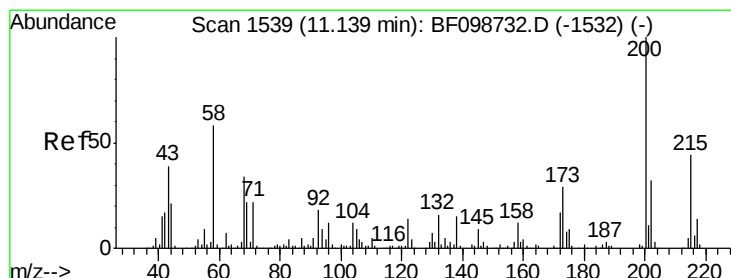
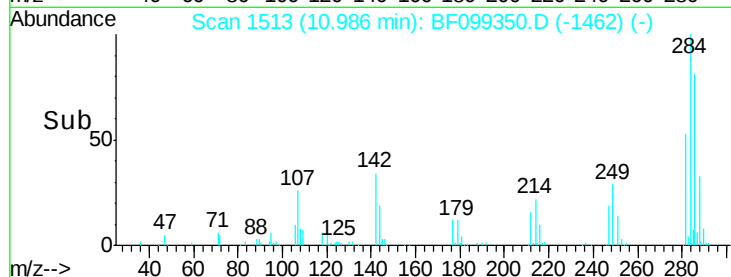
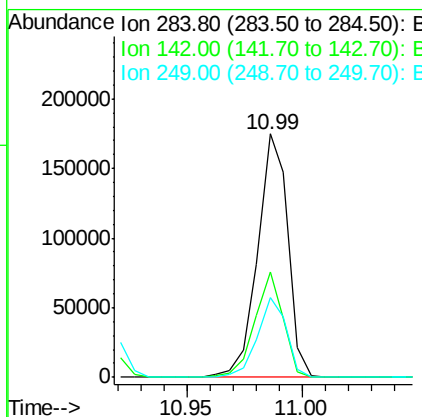
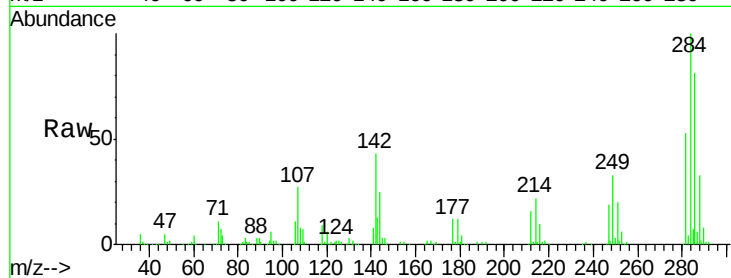




#67
Hexachlorobenzene
Concen: 39.80 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

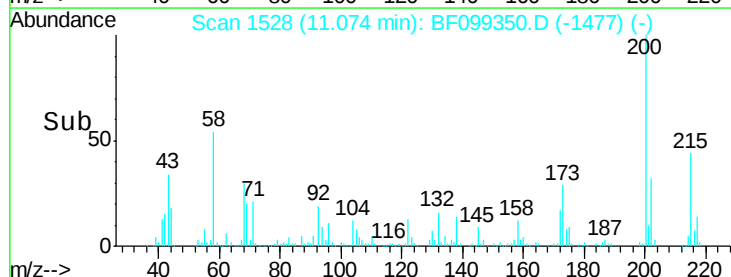
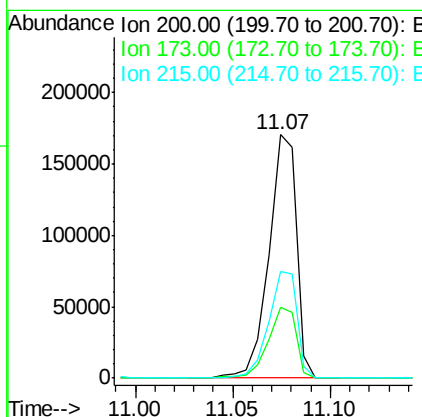
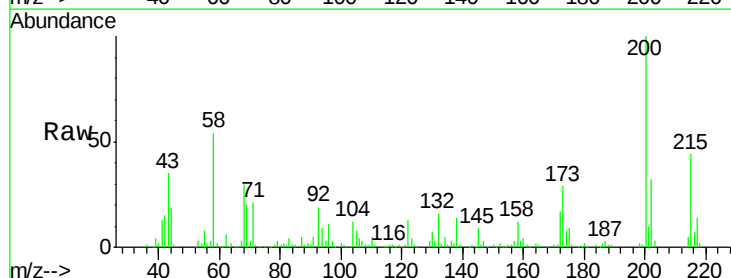
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 159526
Ion Ratio Lower Upper
284 100
142 43.0 34.6 52.0
249 32.6 24.8 37.2



#68
Atrazine
Concen: 41.75 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:200 Resp: 166854
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 43.6 25.1 65.1

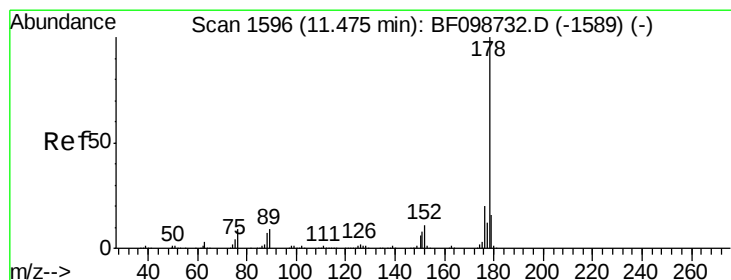
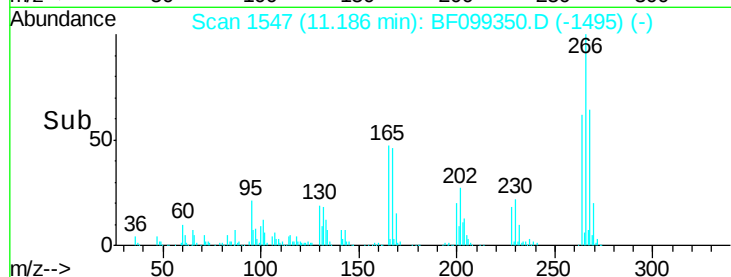
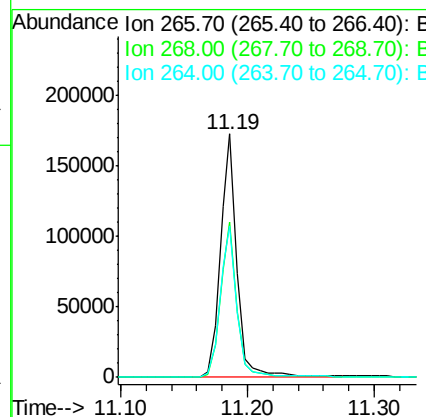
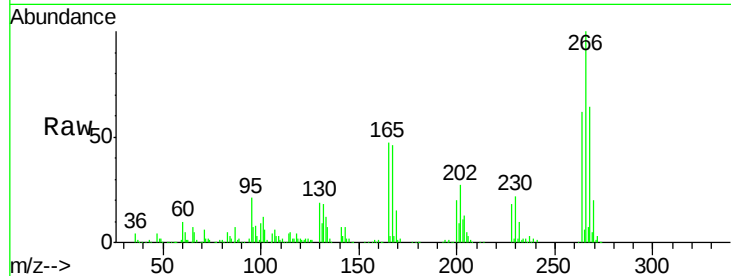




#69
 Pentachlorophenol
 Concen: 63.93 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

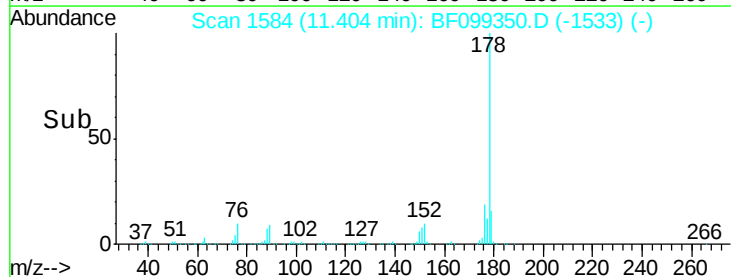
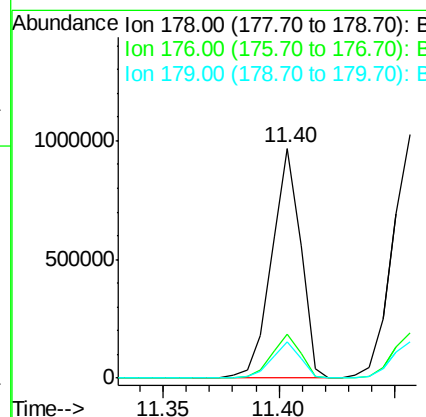
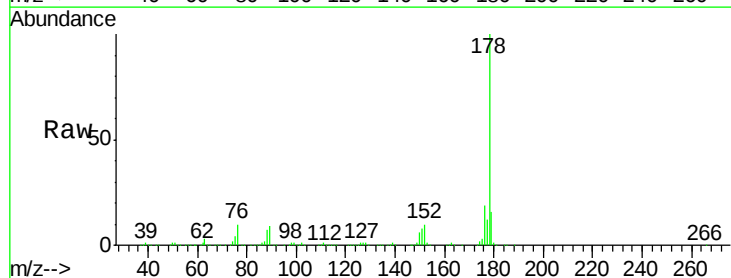
Instrument :
 BNA_F
 ClientSampled :

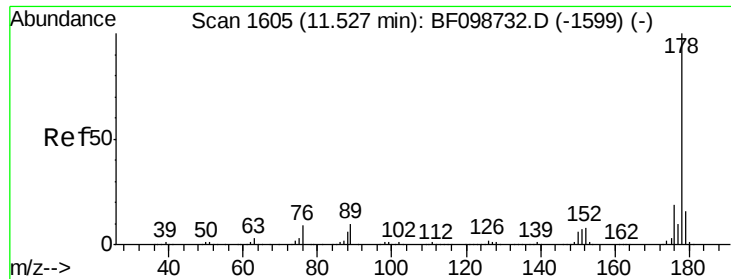
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	62.2	49.5	74.3



#70
 Phenanthrene
 Concen: 41.17 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.7	13.0	19.6

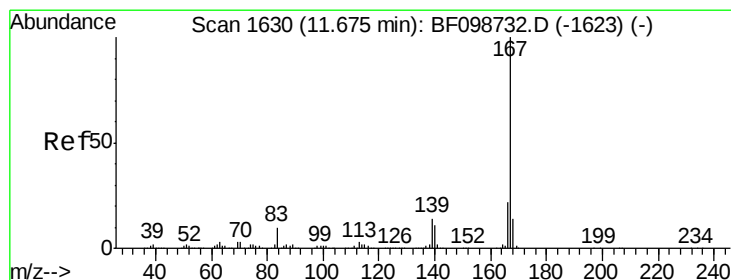
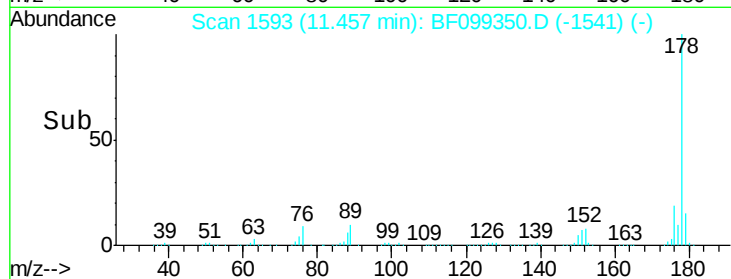
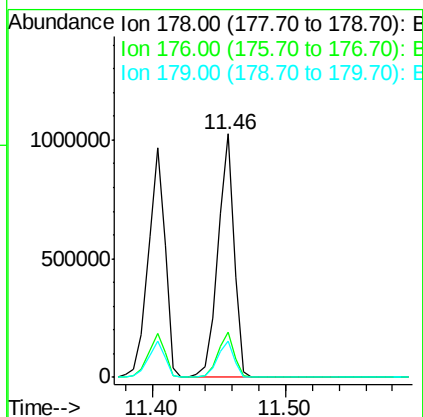
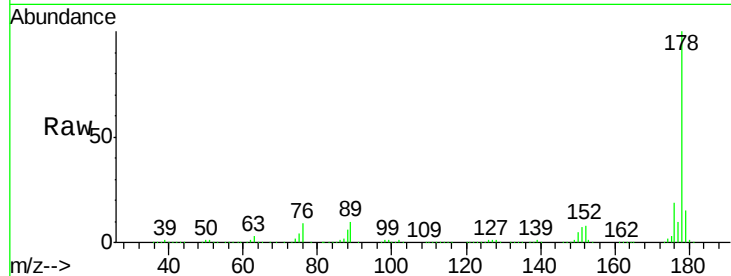




#71
 Anthracene
 Concen: 41.81 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

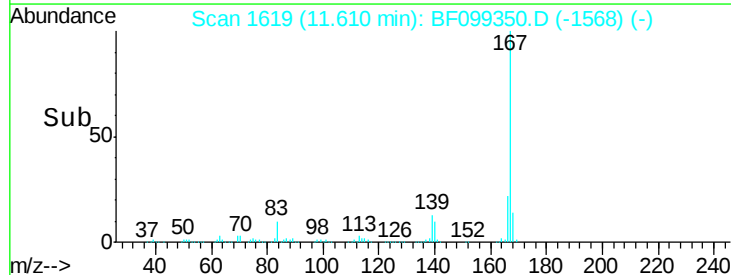
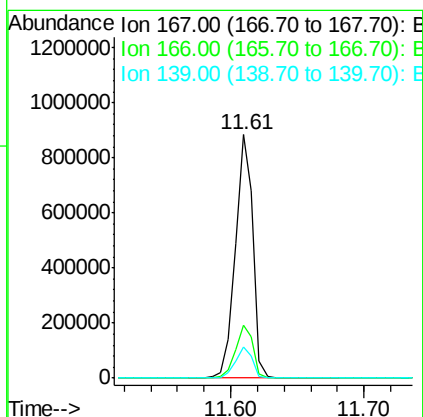
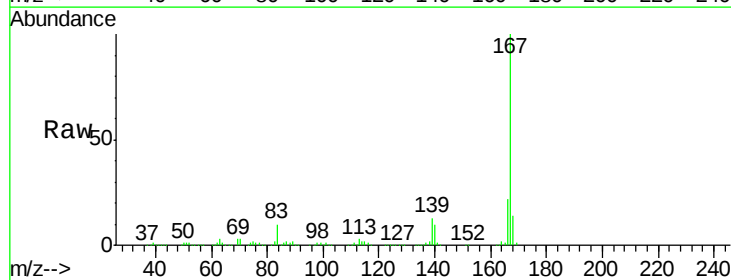
Instrument :
 BNA_F
 ClientSampled :

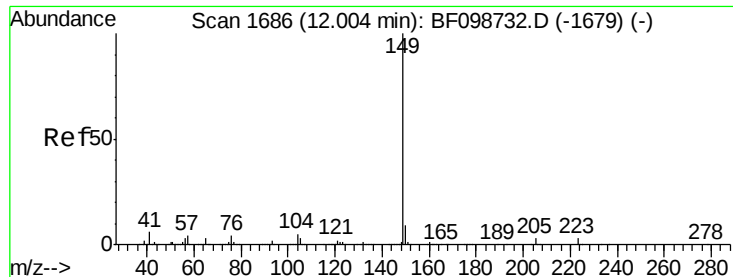
Tot Ion:178 Resp: 877968
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 39.64 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion:167 Resp: 815091
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.0 10.9 16.3

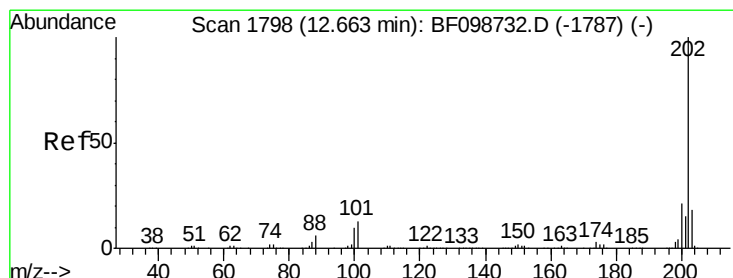
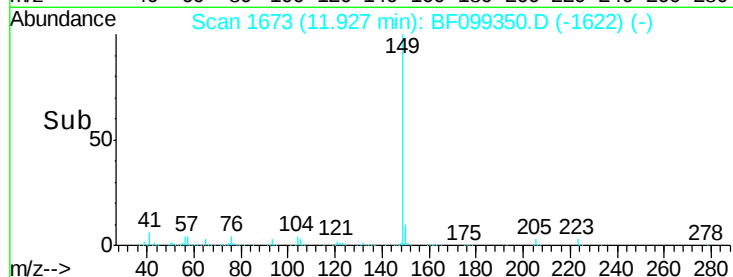
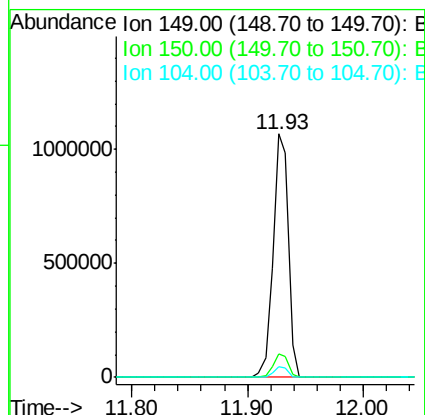
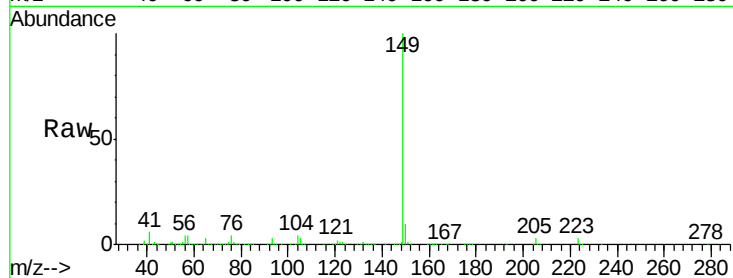




#73
Di-n-butylphthalate
Concen: 39.85 ng
RT: 11.93 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

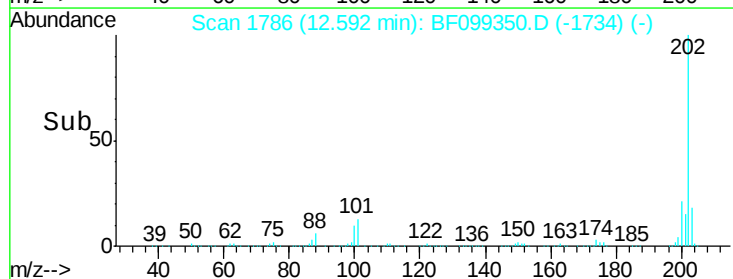
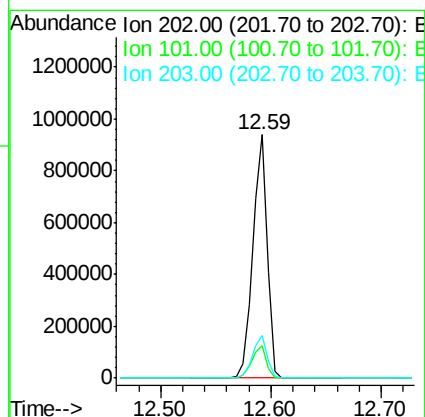
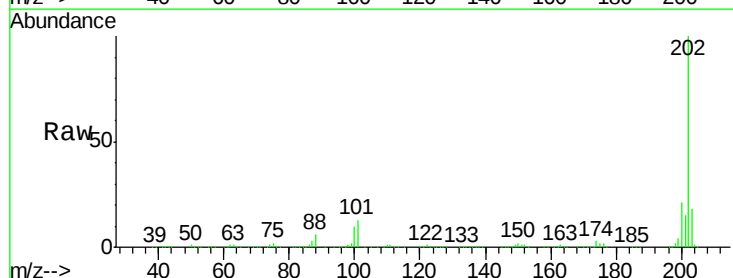
Instrument :
BNA_F
ClientSampleId :

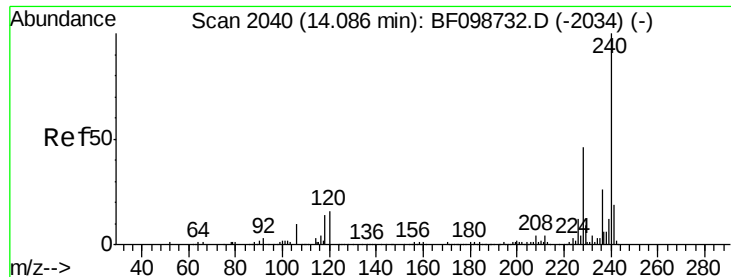
Tot Ion:149 Resp: 986193
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.2 3.8 5.8



#74
Fluoranthene
Concen: 41.29 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:202 Resp: 858097
Ion Ratio Lower Upper
202 100
101 13.4 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

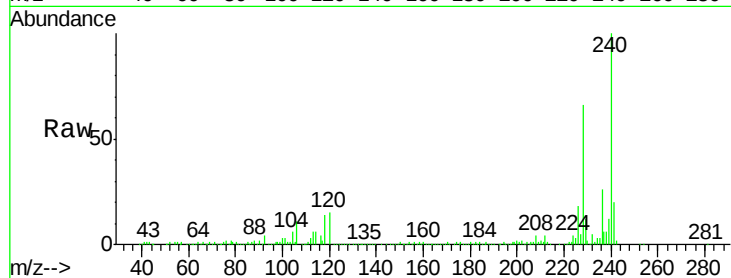
Tot Ion:240 Resp: 225452

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

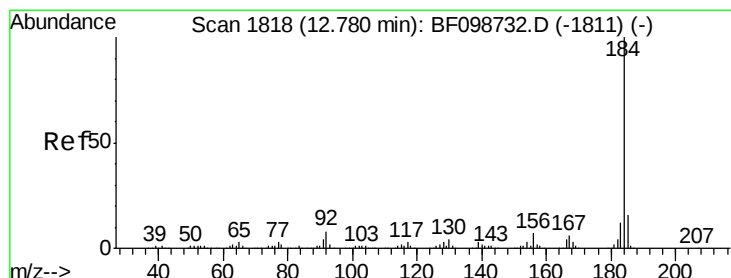
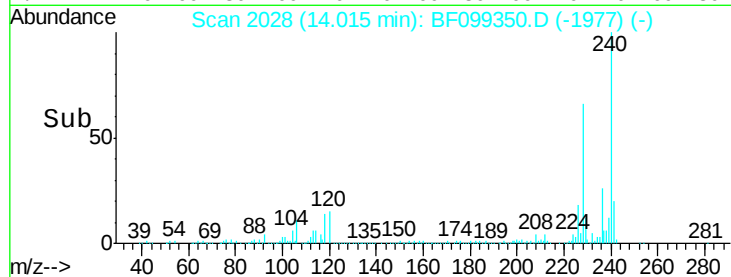
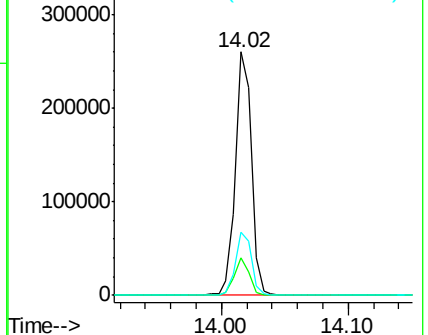
236 25.8 20.7 31.1



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: 24.93 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

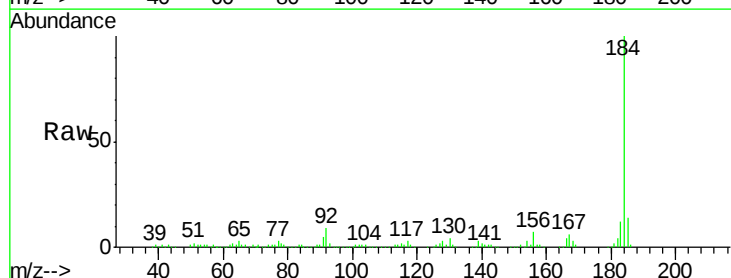
Tgt Ion:184 Resp: 207912

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

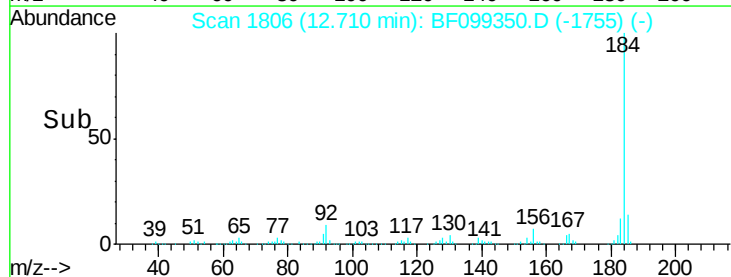
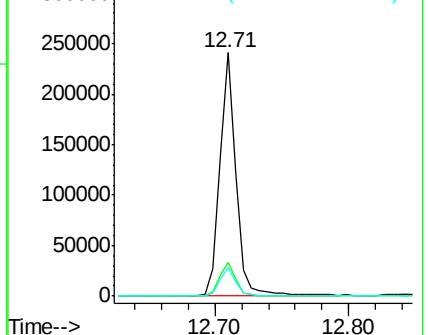
183 11.7 9.3 13.9

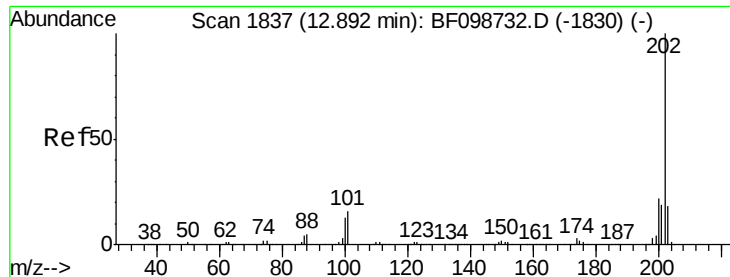


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

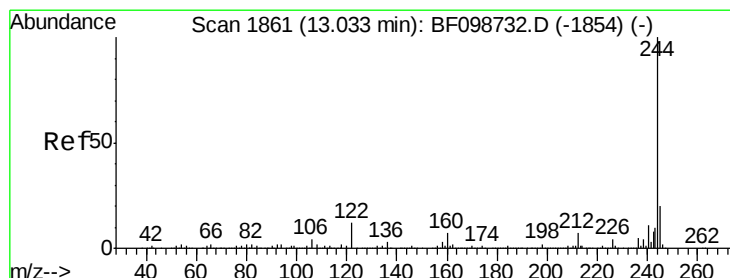
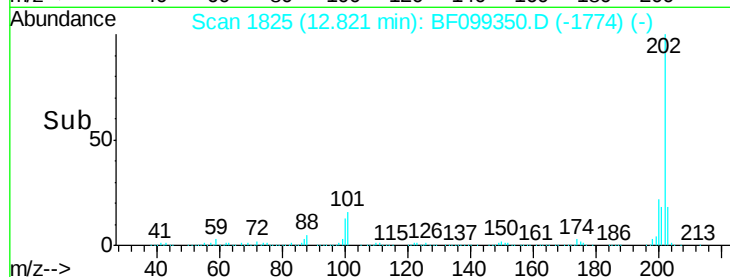
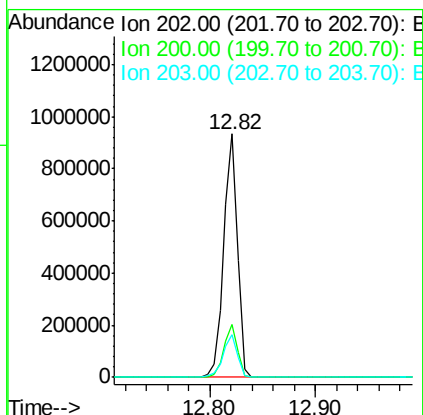
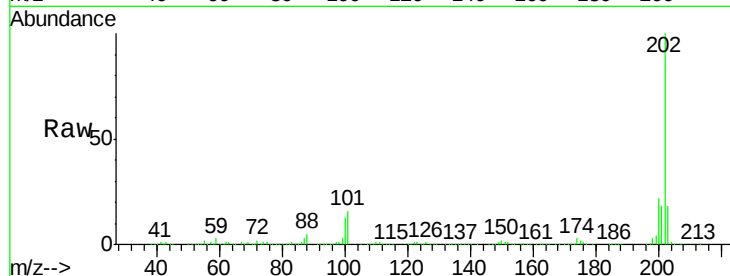




#77
Pvrene
Concen: 49.50 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

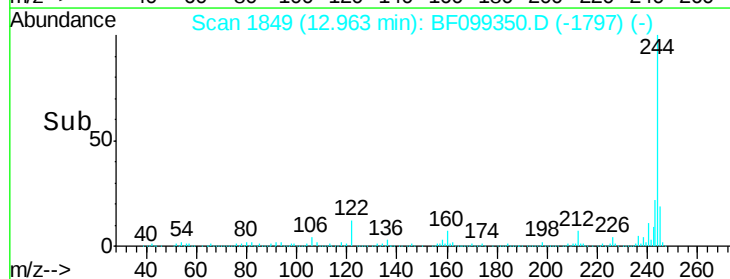
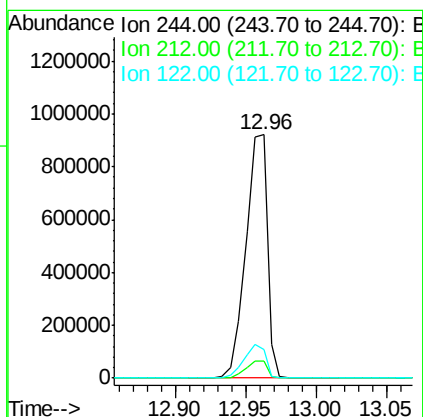
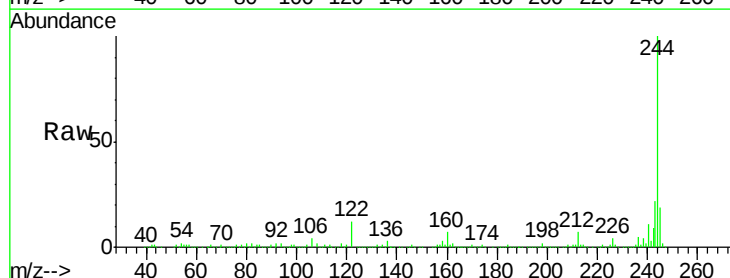
Instrument :
BNA_F
ClientSampleId :

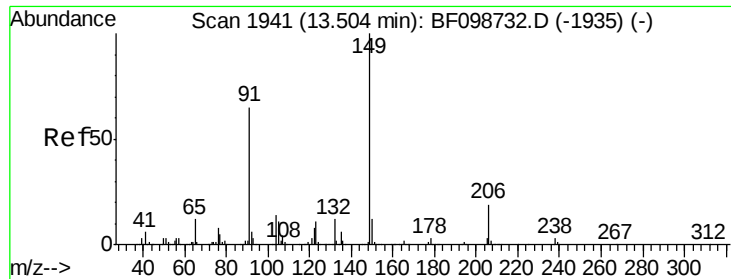
Tot Ion:202 Resp: 850930
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 99.25 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:244 Resp: 983913
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.7 11.0 16.4

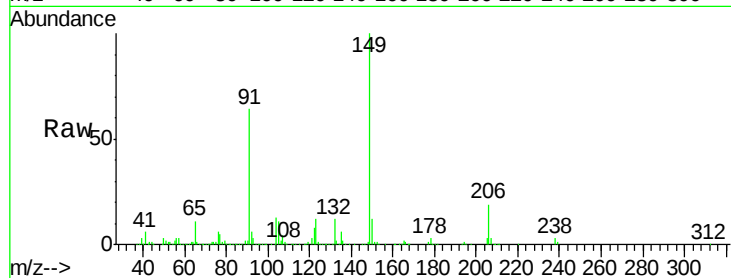




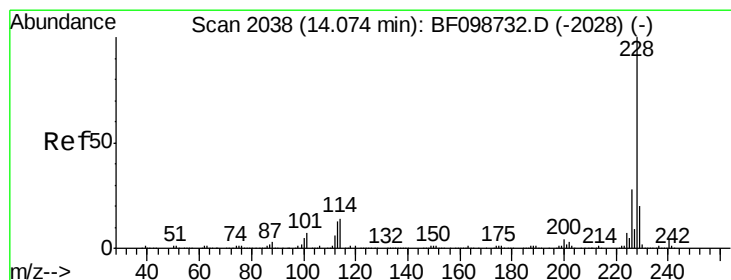
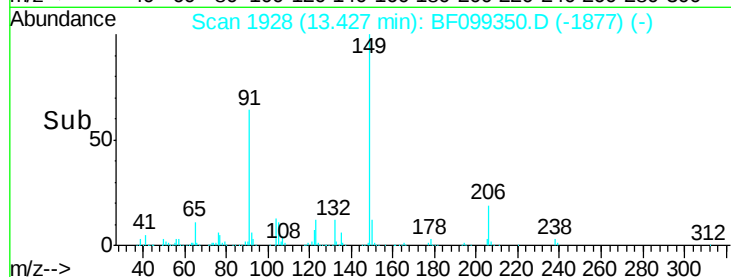
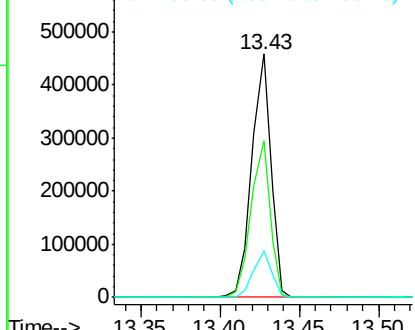
#79
Butylbenzylphthalate
Concen: 47.42 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 383174
Ion Ratio Lower Upper
149 100
91 64.1 56.8 85.2
206 18.9 14.1 21.1

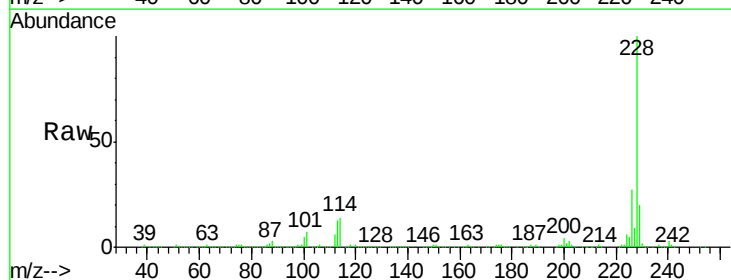


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

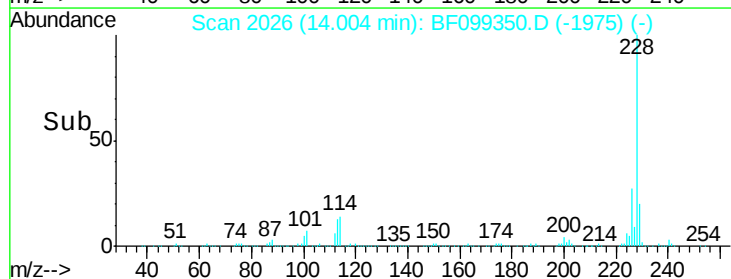
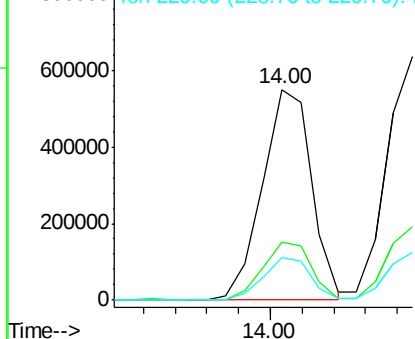


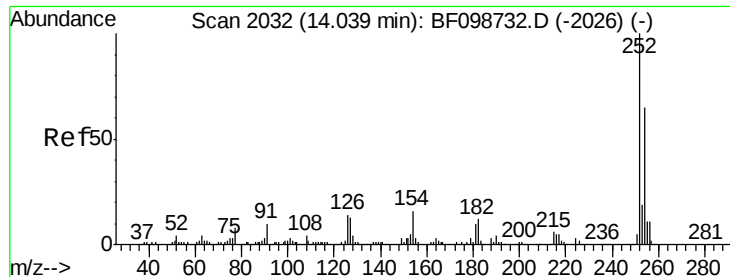
#80
Benzo(a)anthracene
Concen: 43.51 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:228 Resp: 594031
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.2 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





#81

3,3'-Dichlorobenzidine

Concen: 30.22 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

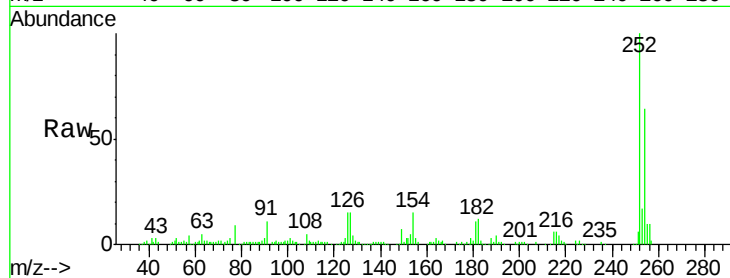
Tot Ion:252 Resp: 151257

Ion Ratio Lower Upper

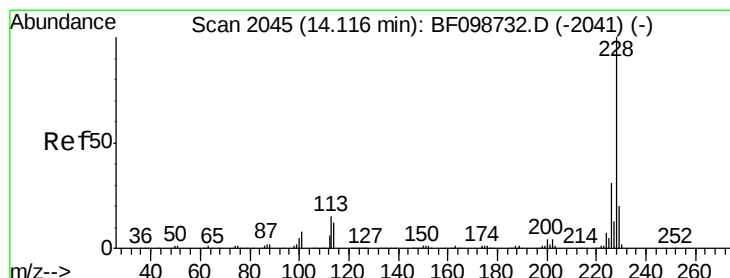
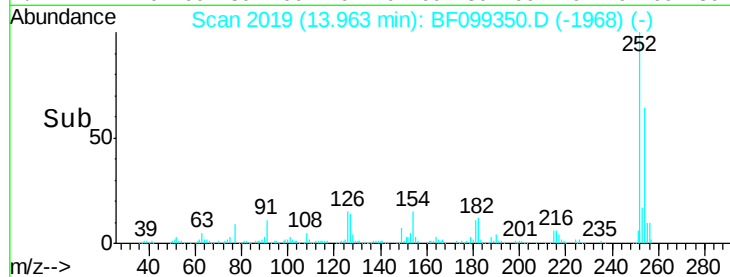
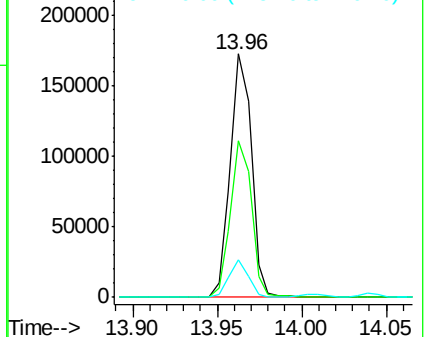
252 100

254 64.2 50.4 75.6

126 15.5 11.3 16.9



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: 42.78 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

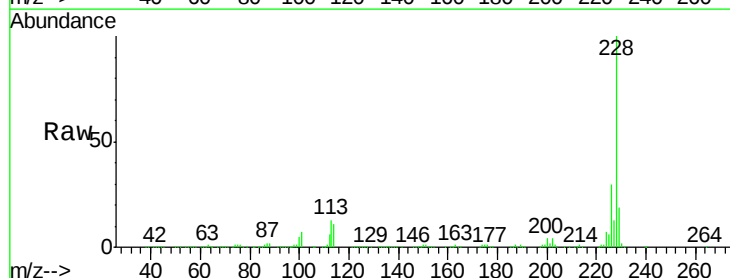
Tgt Ion:228 Resp: 555996

Ion Ratio Lower Upper

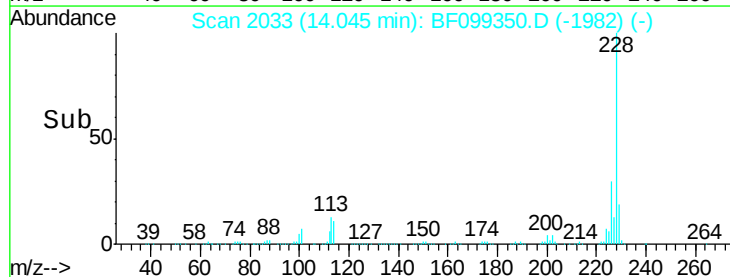
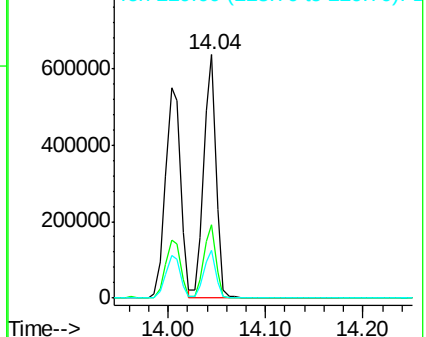
228 100

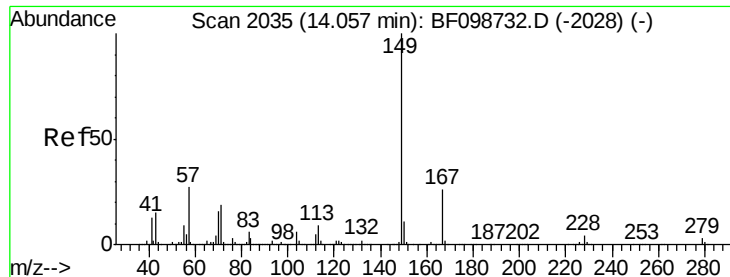
226 29.9 25.0 37.6

229 19.4 16.2 24.4



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: 44.27 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099350.D

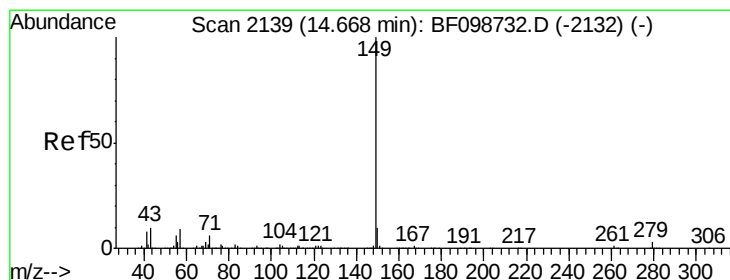
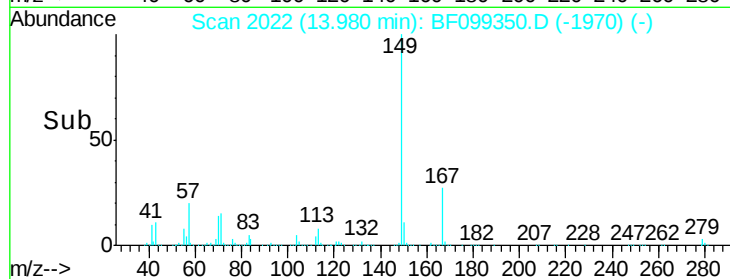
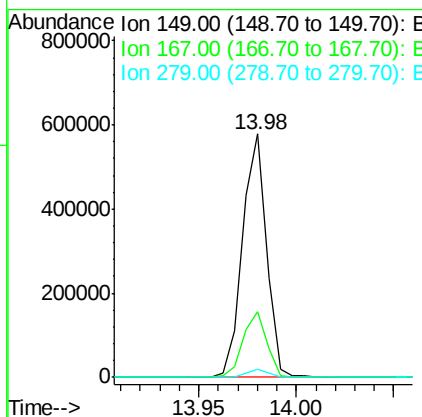
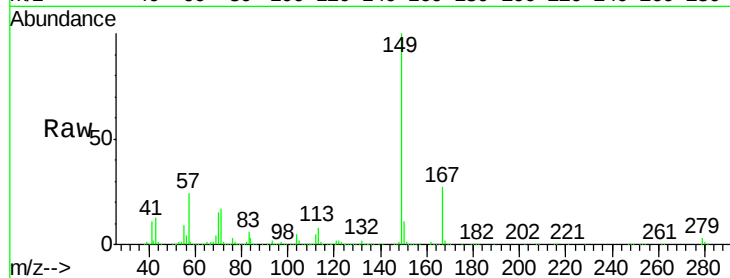
Acq: 11 Oct 2017 17:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	492490
Ion Ratio	Lower	Upper
149	100	
167	26.9	21.3 31.9
279	3.2	3.0 4.4



#84

Di-n-octyl phthalate

Concen: 37.29 ng

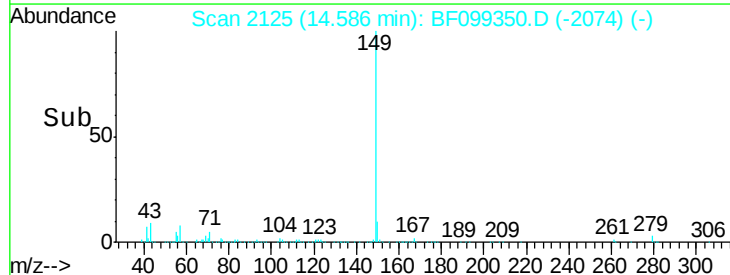
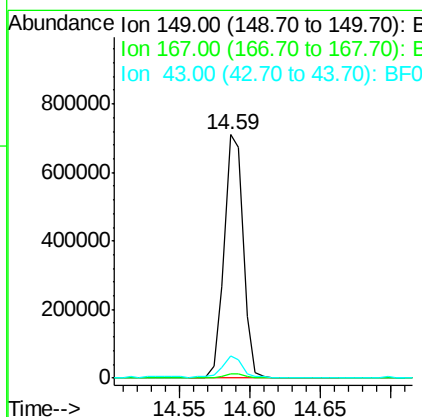
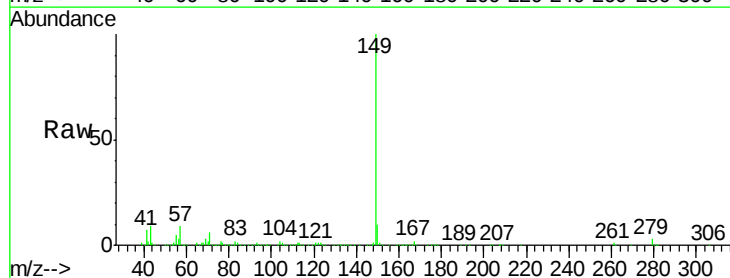
RT: 14.59 min Scan# 2125

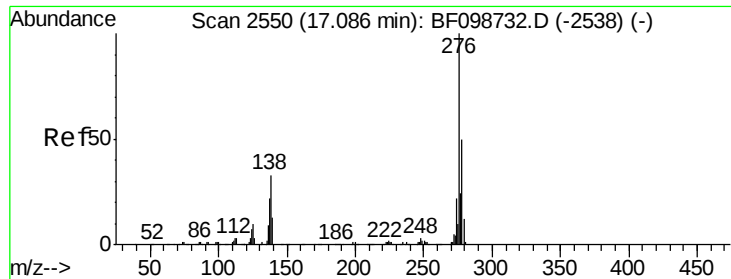
Delta R.T. -0.00 min

Lab File: BF099350.D

Acq: 11 Oct 2017 17:49

Tgt Ion:149	Resp:	668019
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.2 1.8
43	8.3	8.4 12.6#

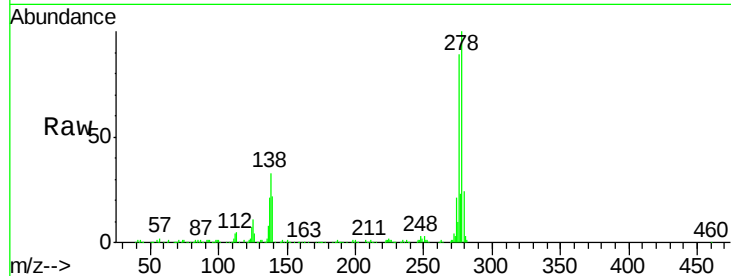




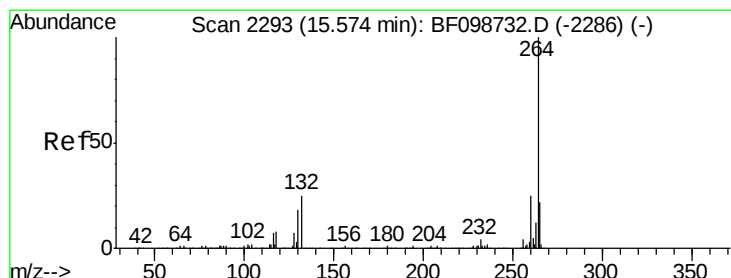
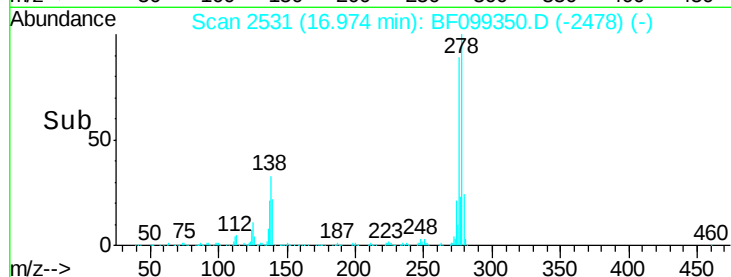
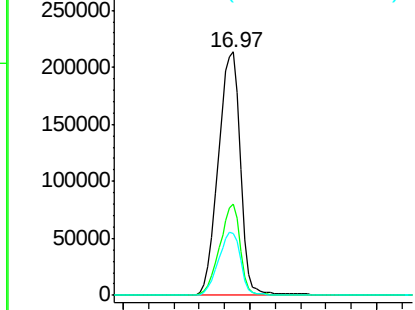
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.72 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	25.9	20.1	30.1

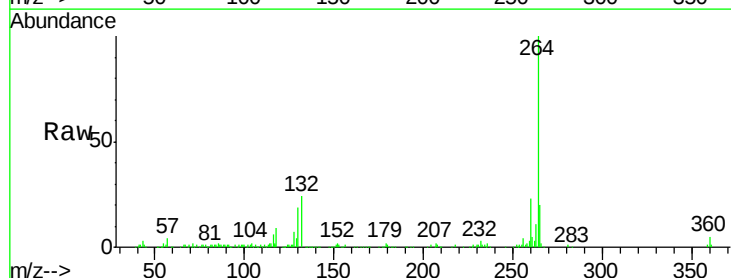


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

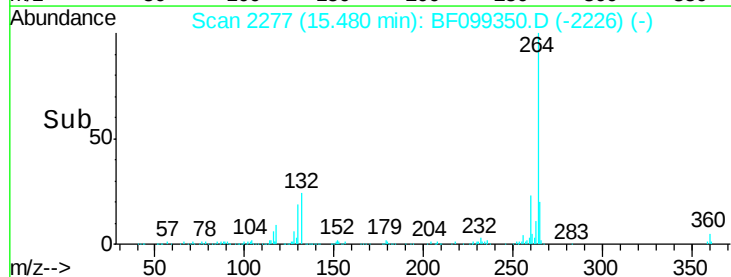
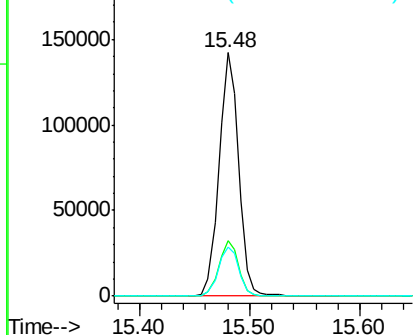


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

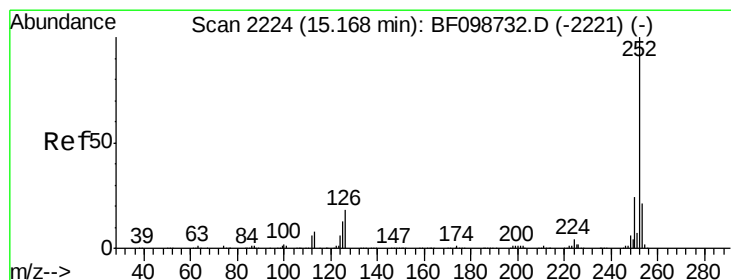
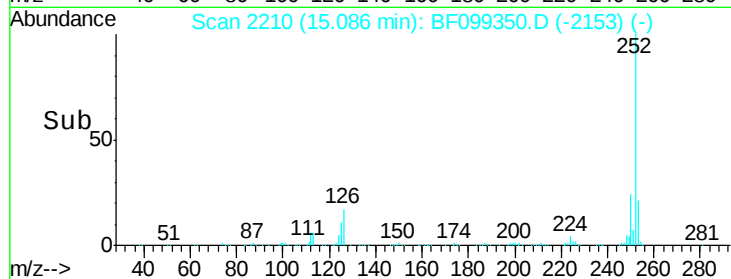
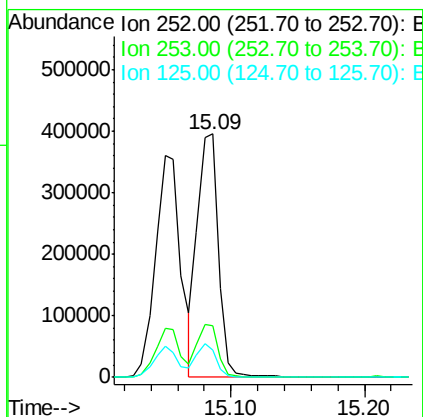
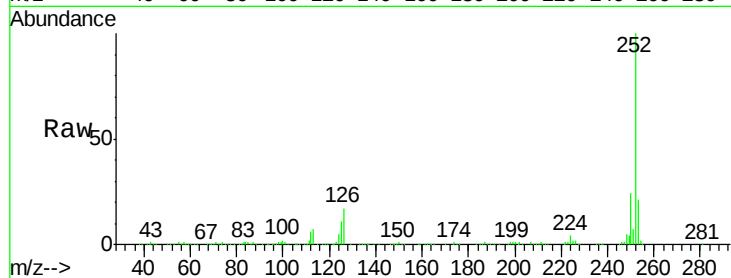




#87
Benzo(b)fluoranthene
Concen: 39.52 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.04 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

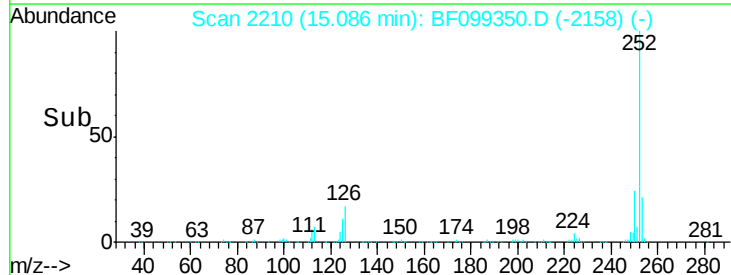
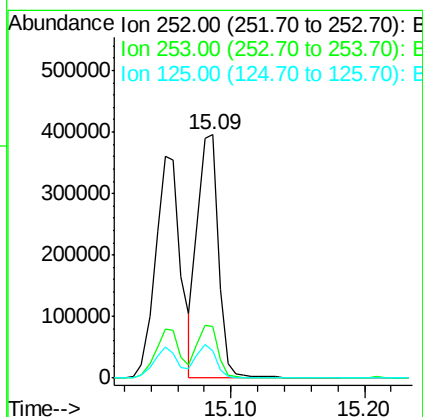
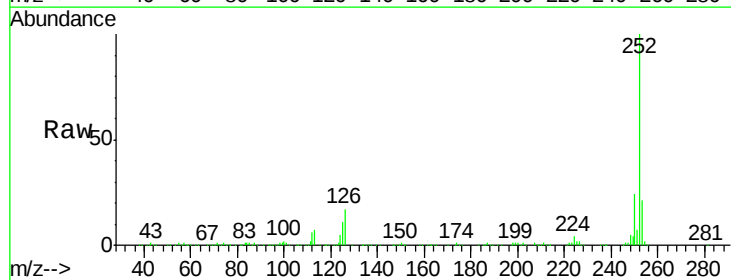
Instrument :
BNA_F
ClientSampled :

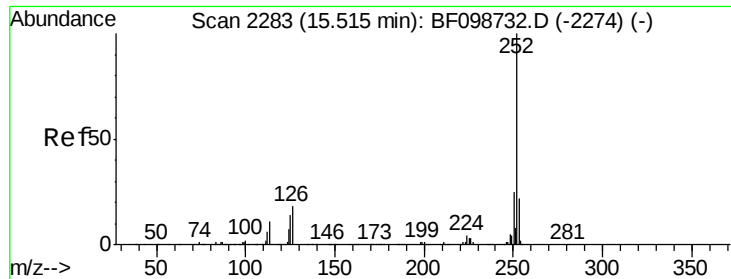
Tot Ion:252 Resp: 427856
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.02 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:252 Resp: 427856
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 11.2 10.2 15.2

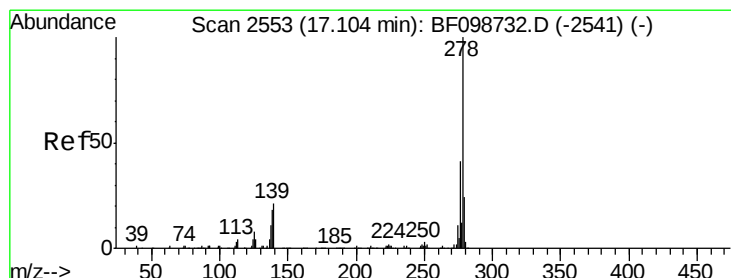
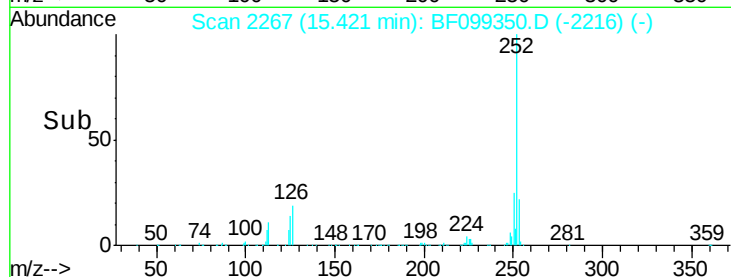
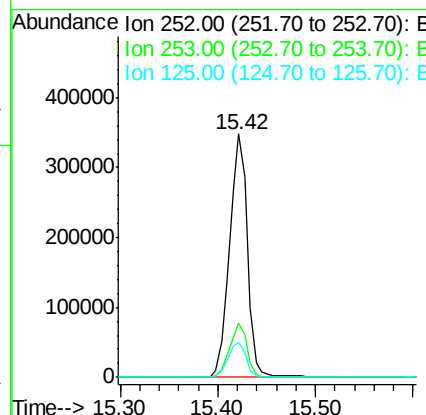
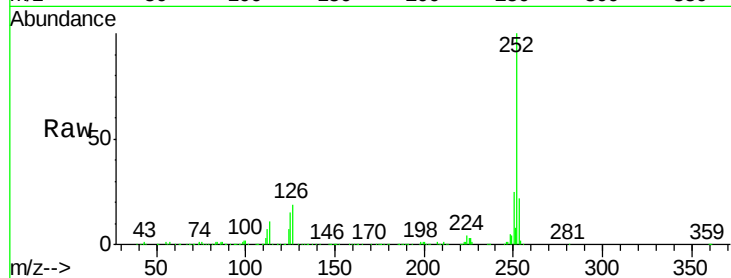




#89
Benzo(a)pyrene
Concen: 44.56 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

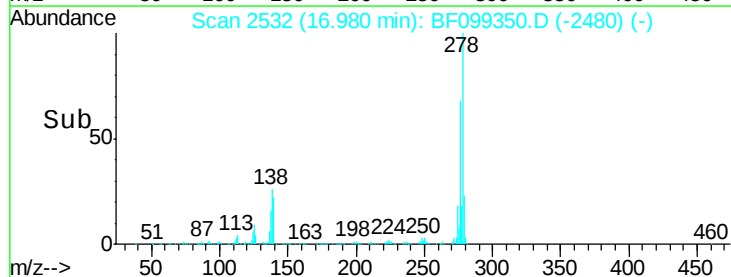
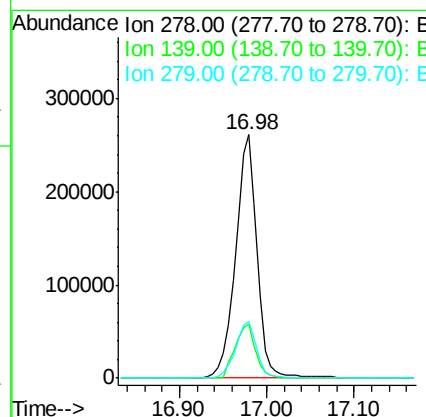
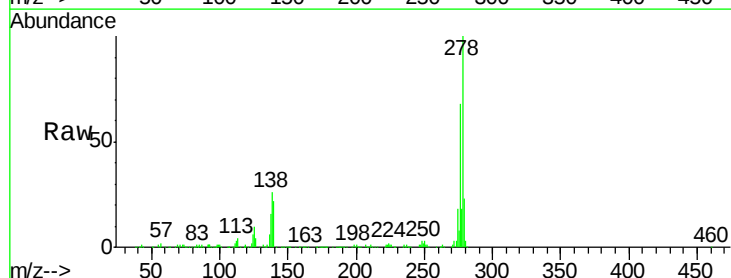
Instrument :
BNA_F
ClientSampleId :

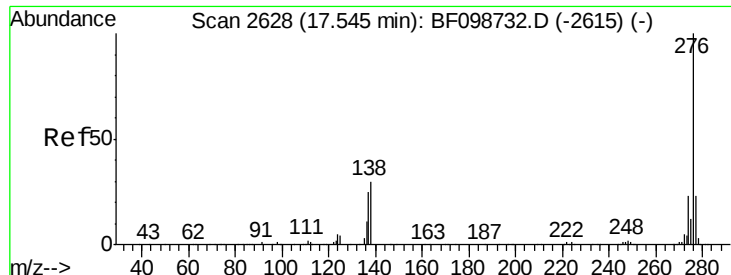
Tot Ion:252 Resp: 442823
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 14.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 54.51 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099350.D
Acq: 11 Oct 2017 17:49

Tgt Ion:278 Resp: 433533
Ion Ratio Lower Upper
278 100
139 22.3 15.9 23.9
279 23.5 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 59.96 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099350.D
 Acq: 11 Oct 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	30.1	21.8	32.8

