

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099374.D
 Acq On : 12 Oct 2017 5:51
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 06:35:01 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	96478	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	397427	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	178228	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	284551	20.00	ng	0.00
75) Chrysene-d12	14.02	240	134892	20.00	ng	0.00
86) Perylene-d12	15.48	264	154576	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	520218	85.84	ng	0.00
7) Phenol-d6	6.49	99	626529	83.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	505162	81.51	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	114290	78.37	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	924344	86.58	ng	0.00
78) Terphenyl-d14	12.96	244	660055	111.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	118442	40.91	ng	93
3) Pyridine	3.39	79	311357	39.76	ng	96
4) n-Nitrosodimethylamine	3.34	42	115333	34.73	ng	82
6) Aniline	6.52	93	401820	39.82	ng	98
8) 2-Chlorophenol	6.64	128	292033	42.55	ng	94
9) Benzaldehyde	6.41	77	157865	36.40	ng	94
10) Phenol	6.50	94	367761	43.98	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	264846	40.74	ng	94
12) 1,3-Dichlorobenzene	6.79	146	309179	43.01	ng	98
13) 1,4-Dichlorobenzene	6.87	146	314725	43.04	ng	98
14) 1,2-Dichlorobenzene	7.02	146	289074	42.78	ng	99
15) Benzyl Alcohol	7.00	79	205414	37.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	368706	36.41	ng	96
17) 2-Methylphenol	7.11	107	228545	40.70	ng	96
18) Hexachloroethane	7.36	117	106269	40.43	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	171013	35.83	ng	93
20) 3+4-Methylphenols	7.26	107	275623	38.80	ng	# 71
22) Acetophenone	7.27	105	369523	38.38	ng	# 96
24) Nitrobenzene	7.44	77	281721	40.07	ng	95
25) Isophorone	7.67	82	491576	38.37	ng	99
26) 2-Nitrophenol	7.76	139	157881	46.70	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	244913	38.36	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	319438	40.01	ng	99
29) 2,4-Dichlorophenol	8.00	162	232533	42.42	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	235724	43.00	ng	99
31) Naphthalene	8.16	128	782757	41.94	ng	99
32) Benzoic acid	7.92	122	119751	22.84	ng	96
33) 4-Chloroaniline	8.21	127	323010	41.44	ng	96
34) Hexachlorobutadiene	8.27	225	119368	42.27	ng	98
35) Caprolactam	8.59	113	68108	38.74	ng	88
36) 4-Chloro-3-methylphenol	8.69	107	241151	39.14	ng	96
37) 2-Methylnaphthalene	8.85	142	498826	41.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	229987	43.27	ng	99
40) Hexachlorocyclopentadiene	9.00	237	89881	37.00	ng	96

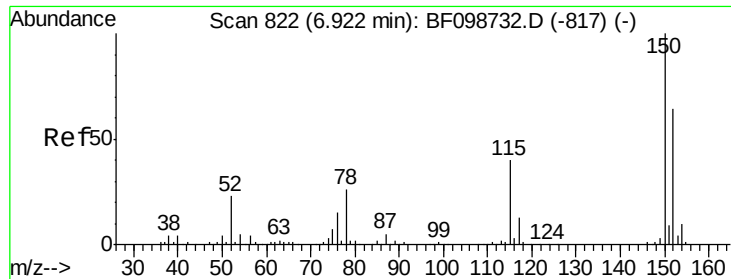
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099374.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	149716	39.76	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	148201	39.43	nq	96
45) 1,1'-Biphenyl	9.31	154	646554	42.21	nq	99
46) 2-Chloronaphthalene	9.34	162	478007	41.56	nq	97
47) 2-Nitroaniline	9.44	65	134615	38.23	nq	90
48) Acenaphthylene	9.75	152	730311	41.48	nq	100
49) Dimethylphthalate	9.61	163	544088	40.45	nq	99
50) 2,6-Dinitrotoluene	9.68	165	125174	42.74	nq	# 83
51) Acenaphthene	9.93	154	422515	37.89	nq	100
52) 3-Nitroaniline	9.85	138	136011	39.83	nq	90
53) 2,4-Dinitrophenol	9.96	184	25610	21.40	nq	86
54) Dibenzofuran	10.10	168	600656	40.45	nq	98
55) 4-Nitrophenol	10.01	139	72096	24.97	nq	87
56) 2,4-Dinitrotoluene	10.09	165	155768	40.98	nq	85
57) Fluorene	10.44	166	493553	41.35	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	96167	37.04	nq	97
59) Diethylphthalate	10.31	149	509779	38.78	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	219963	41.03	nq	97
61) 4-Nitroaniline	10.46	138	127982	38.85	nq	90
62) Azobenzene	10.59	77	432146	35.76	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	59944	34.62	nq	87
65) n-Nitrosodiphenylamine	10.55	169	434186	44.05	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	125021	44.89	nq	97
67) Hexachlorobenzene	10.99	284	133399	44.84	nq	96
68) Atrazine	11.07	200	122895	41.44	nq	99
69) Pentachlorophenol	11.18	266	50448	27.25	nq	96
70) Phenanthrene	11.40	178	640207	42.03	nq	99
71) Anthracene	11.46	178	658854	42.28	nq	98
72) Carbazole	11.61	167	588154	38.54	nq	100
73) Di-n-butylphthalate	11.93	149	732703	39.89	nq	99
74) Fluoranthene	12.59	202	560310	36.33	nq	97
76) Benzidine	12.71	184	205265	41.14	nq	98
77) Pyrene	12.82	202	553448	53.81	nq	98
79) Butylbenzylphthalate	13.43	149	224527	46.45	nq	91
80) Benzo(a)anthracene	14.00	228	350275	42.88	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	126737	42.33	nq	98
82) Chrysene	14.04	228	337681	43.42	nq	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	267067	40.12	nq	99
84) Di-n-octyl phthalate	14.59	149	378177	35.28	nq	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	478520	76.92	nq	96
87) Benzo(b)fluoranthene	15.05	252	358225	37.69	nq	98
88) Benzo(k)fluoranthene	15.08	252	335726	35.76	nq	99
89) Benzo(a)pyrene	15.42	252	357630	40.99	nq	# 96
90) Dibenzo(a,h)anthracene	16.98	278	384634	55.09	nq	95
91) Benzo(g,h,i)perylene	17.42	276	411713	59.66	nq	94

(#) = 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: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampled :

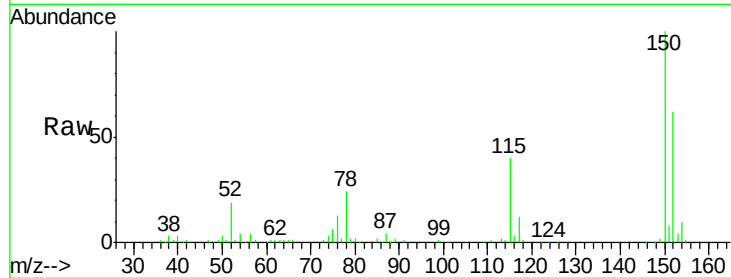
Tot Ion:152 Resp: 96478

Ion Ratio Lower Upper

152 100

150 160.2 124.6 186.8

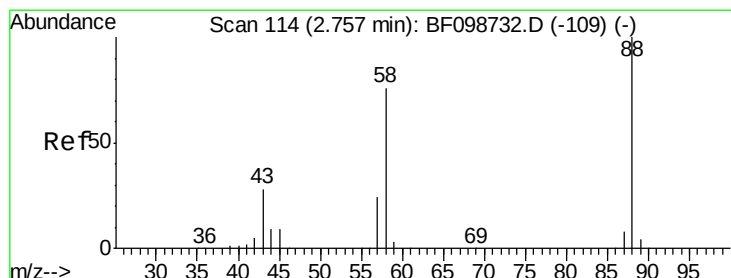
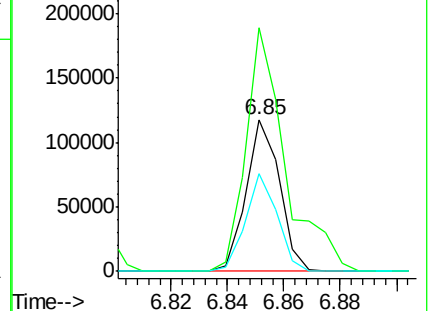
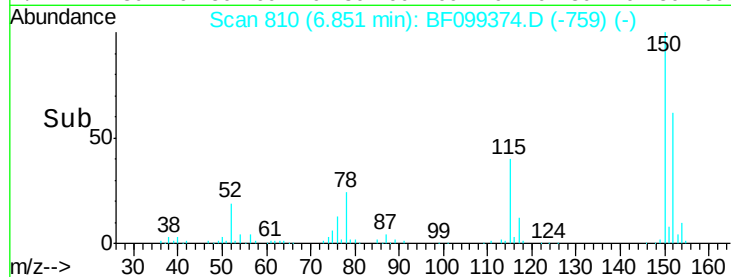
115 64.1 50.1 75.1



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: 40.91 ng

RT: 2.61 min Scan# 89

Delta R.T. -0.01 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

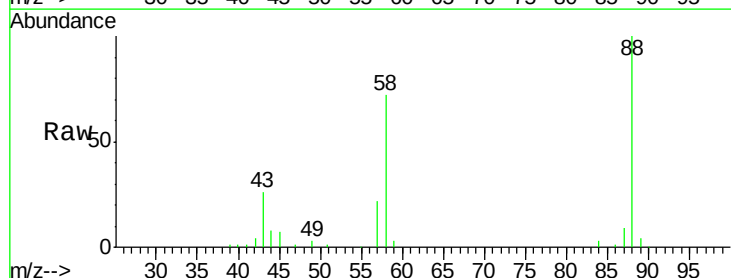
Tgt Ion: 88 Resp: 118442

Ion Ratio Lower Upper

88 100

58 73.0 62.6 93.8

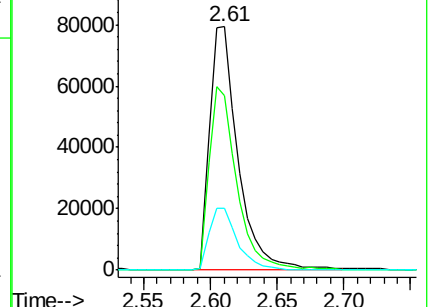
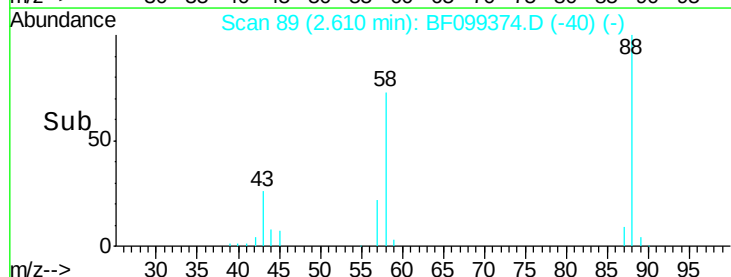
43 25.2 24.6 37.0

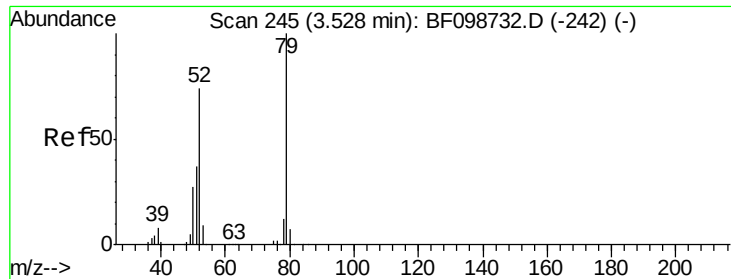


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.76 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.01 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampled :

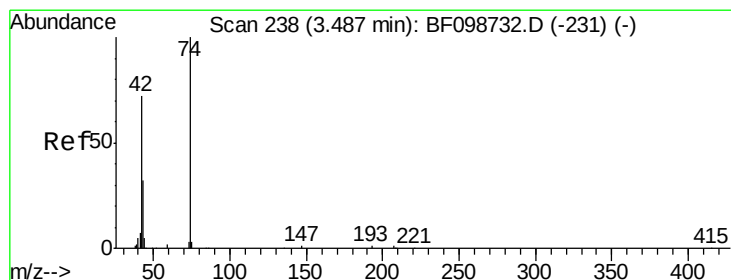
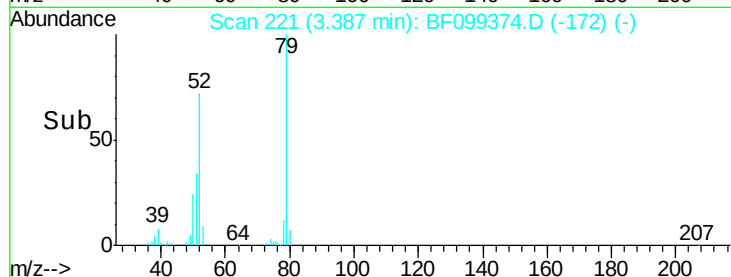
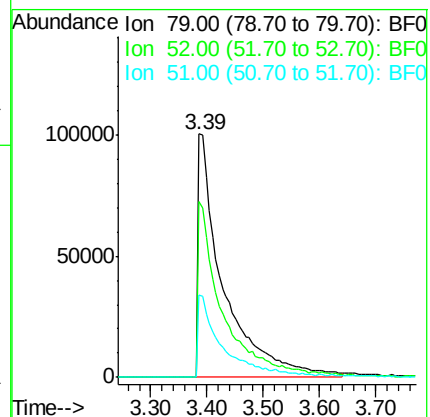
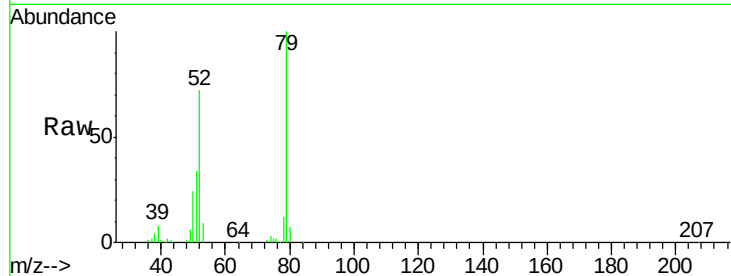
Tot Ion: 79 Resp: 311357

Ion Ratio Lower Upper

79 100

52 72.2 59.8 89.6

51 33.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.73 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.02 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

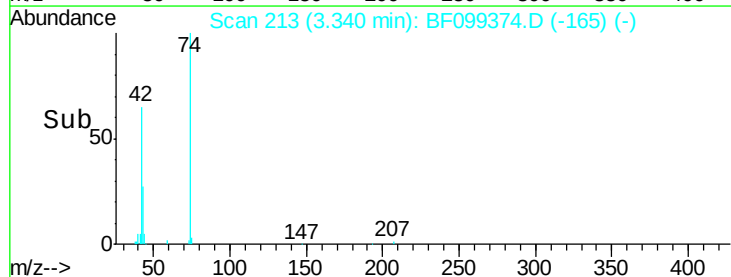
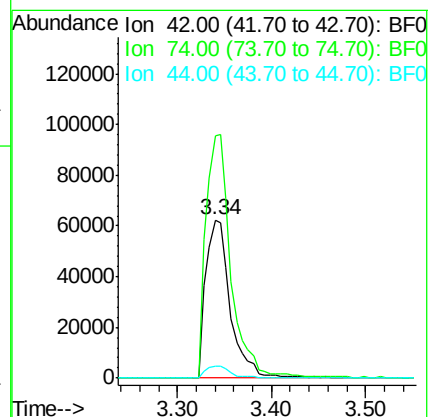
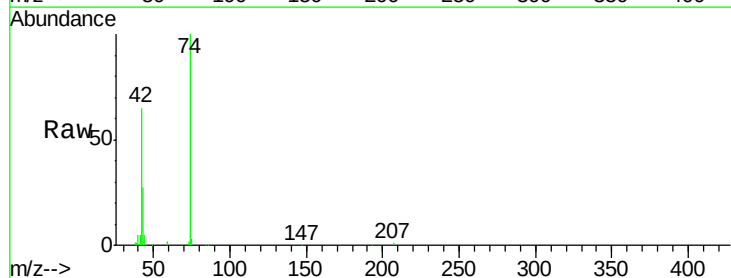
Tgt Ion: 42 Resp: 115333

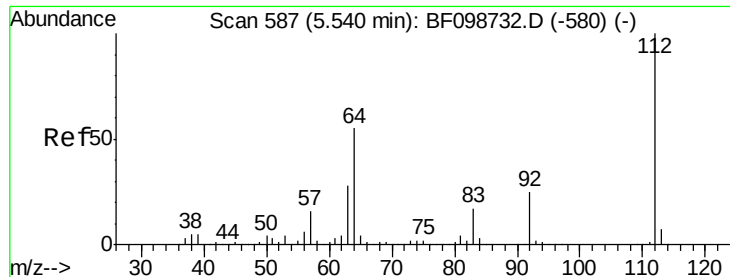
Ion Ratio Lower Upper

42 100

74 153.3 104.9 157.3

44 7.9 6.9 10.3

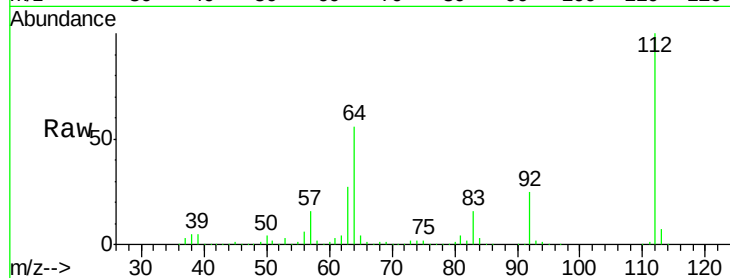




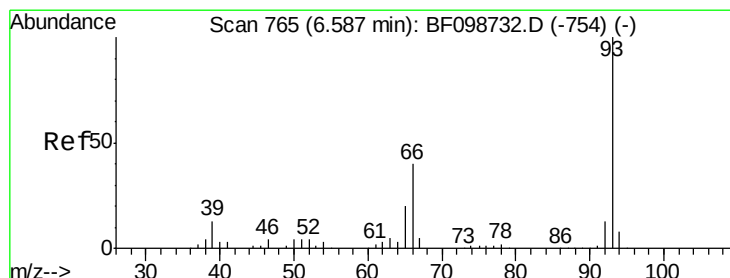
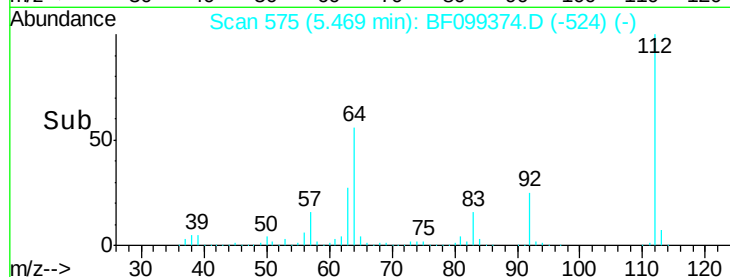
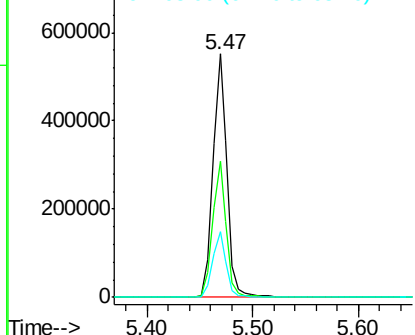
#5
 2-Fluorophenol
 Concen: 85.84 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 112 Resp: 520218
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.9 71.9
 63 27.2 23.7 35.5

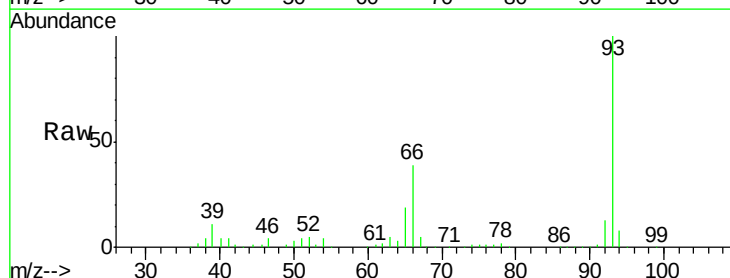


Abundance Ion 112.00 (111.70 to 112.70): B
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

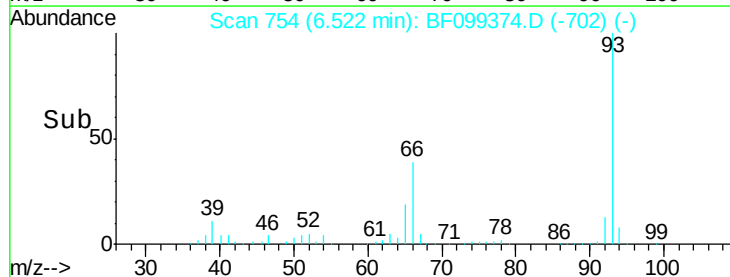
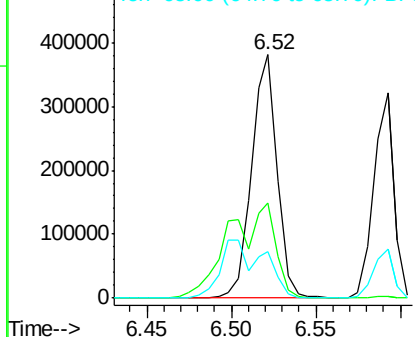


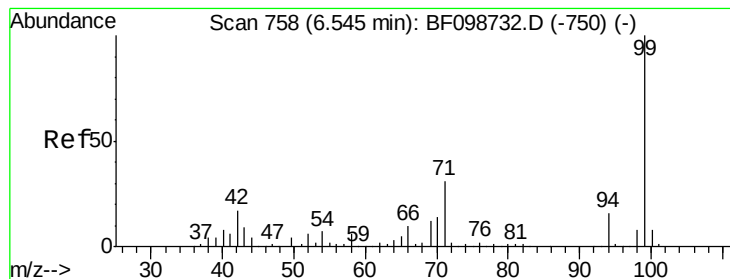
#6
 Aniline
 Concen: 39.82 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion: 93 Resp: 401820
 Ion Ratio Lower Upper
 93 100
 66 39.1 32.2 48.2
 65 19.0 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: 83.80 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

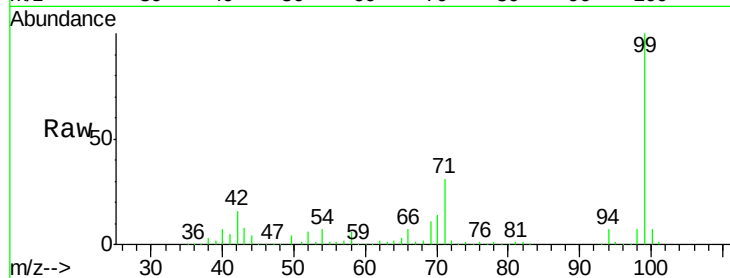
Tot Ion: 99 Resp: 626529

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

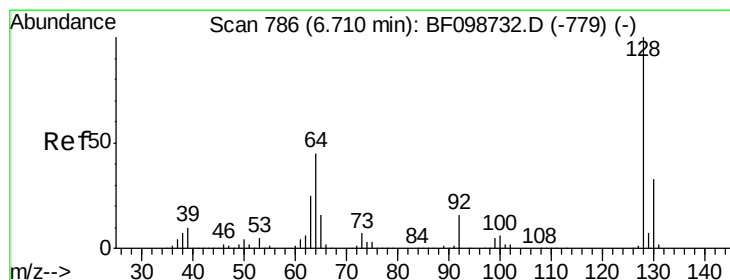
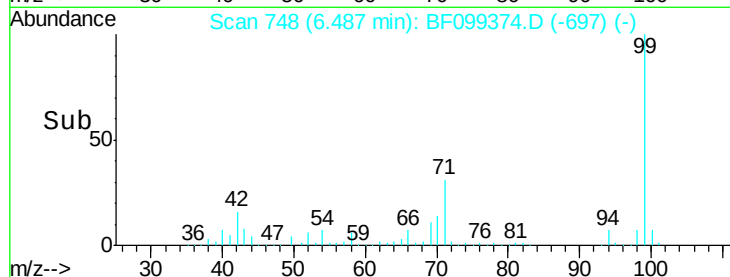
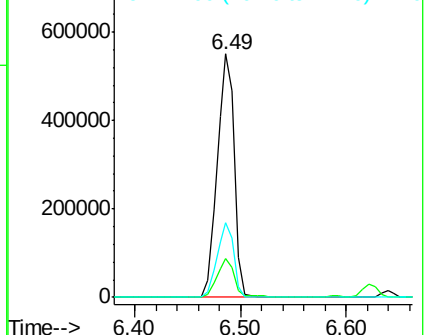
71 30.9 25.4 38.0



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: 42.55 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

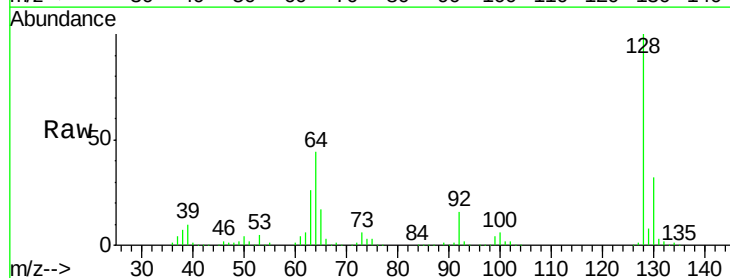
Tgt Ion: 128 Resp: 292033

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

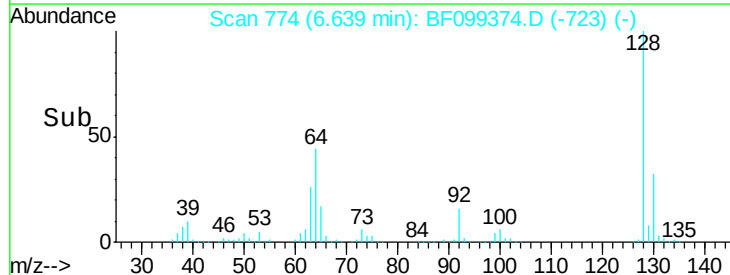
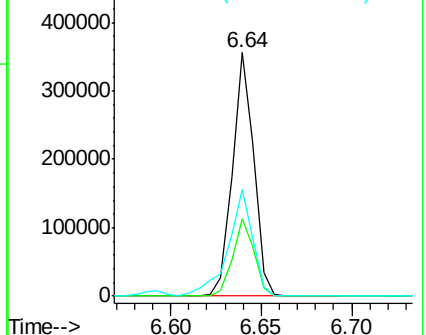
64 44.0 29.4 69.4

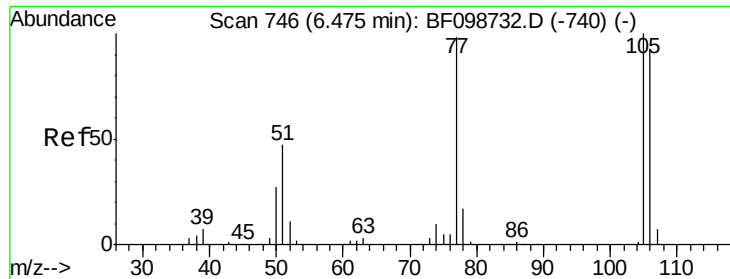


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

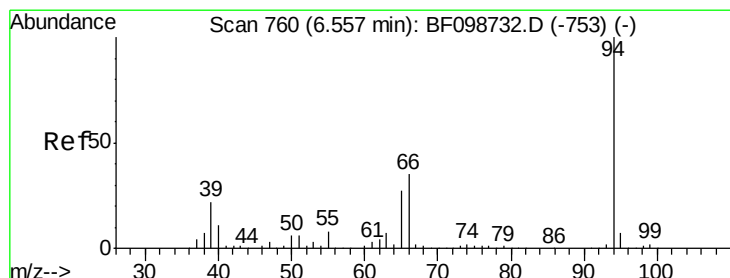
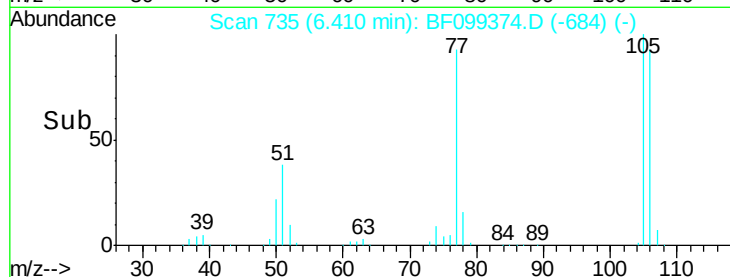
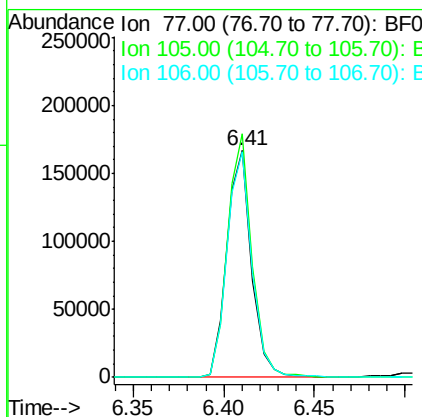
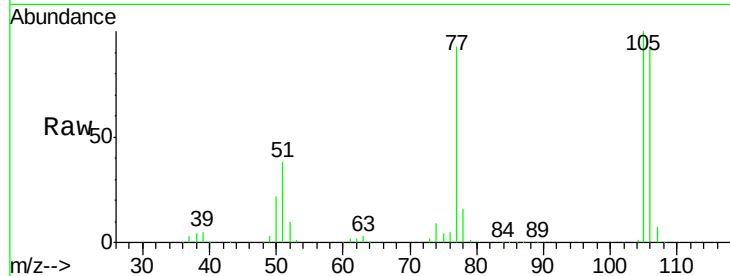




#9
Benzaldehyde
Concen: 36.40 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

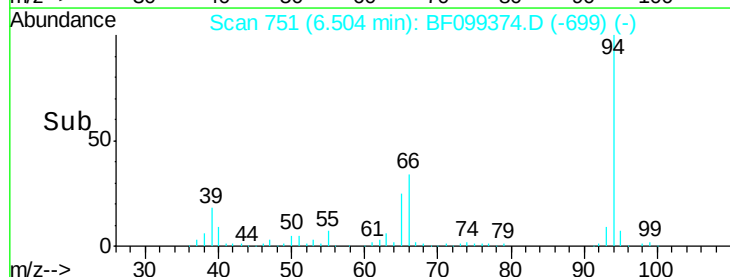
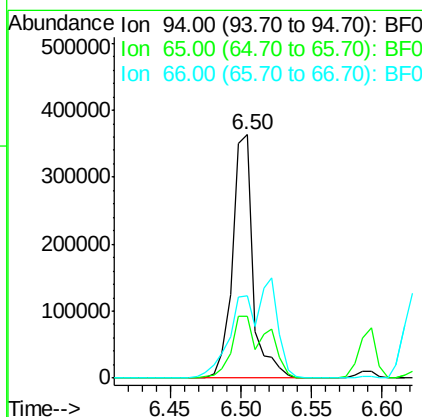
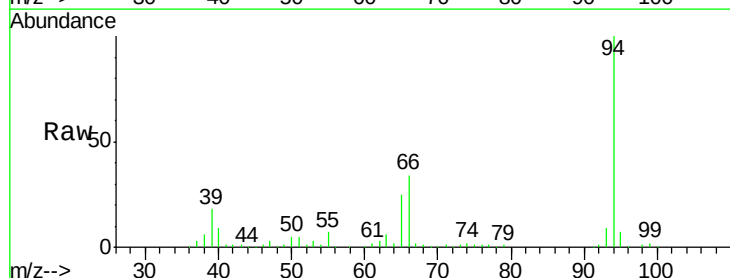
Instrument :
BNA_F
ClientSampled :

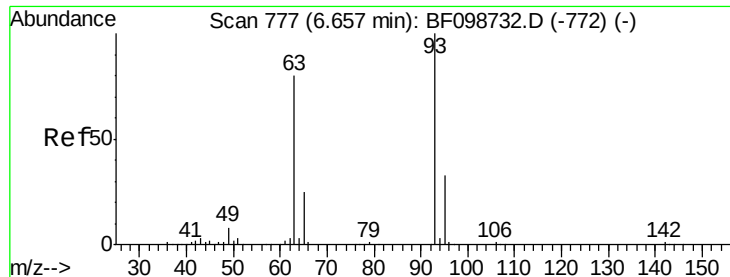
Tot Ion: 77 Resp: 157865
Ion Ratio Lower Upper
77 100
105 107.5 81.1 121.1
106 99.6 74.5 114.5



#10
Phenol
Concen: 43.98 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion: 94 Resp: 367761
Ion Ratio Lower Upper
94 100
65 25.3 7.9 47.9
66 33.6 16.2 56.2

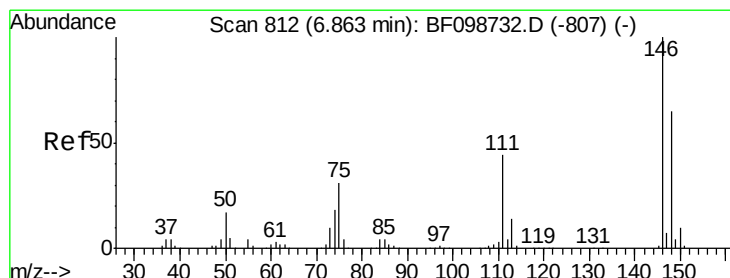
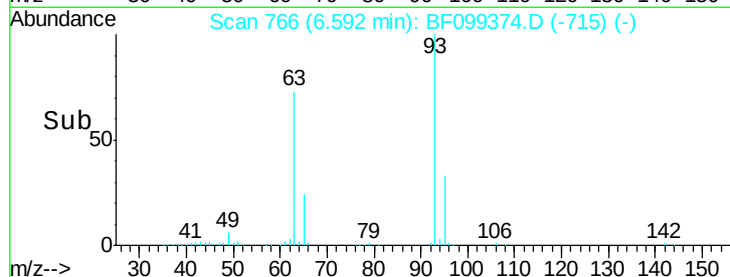
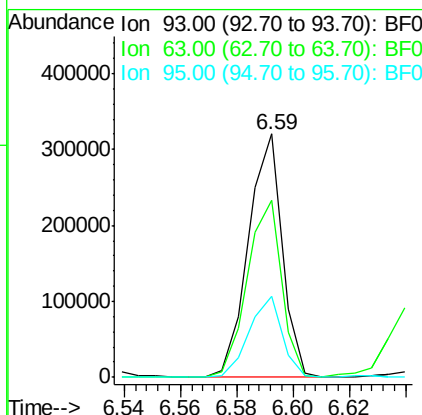
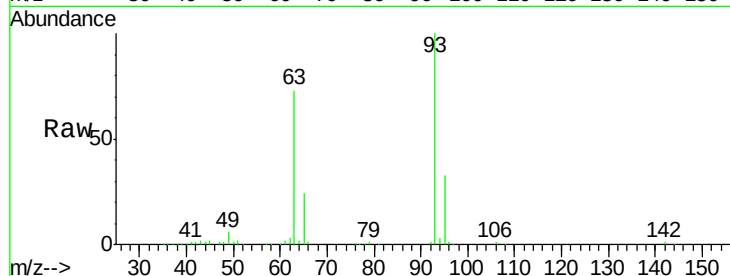




#11
bis(2-Chloroethyl)ether
Concen: 40.74 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

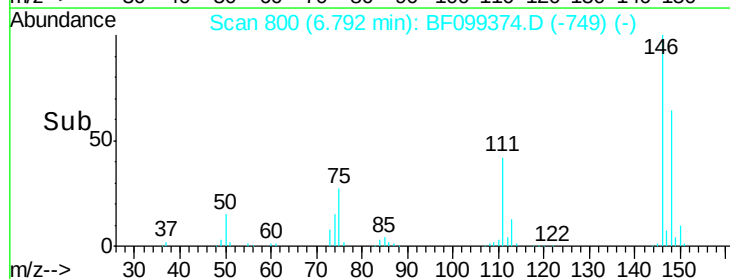
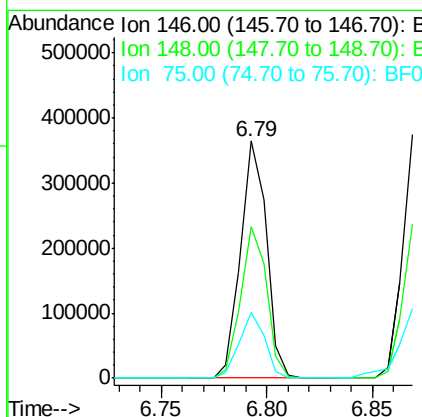
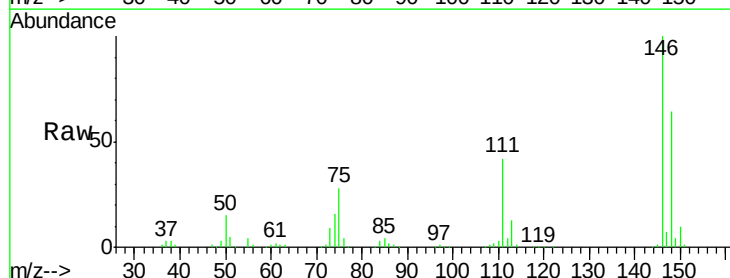
Instrument :
BNA_F
ClientSampleId :

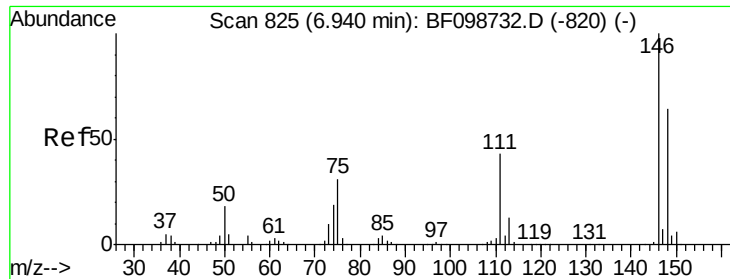
Tot Ion: 93 Resp: 264846
Ion Ratio Lower Upper
93 100
63 72.7 58.6 98.6
95 33.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.01 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion: 146 Resp: 309179
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 27.7 24.2 36.4

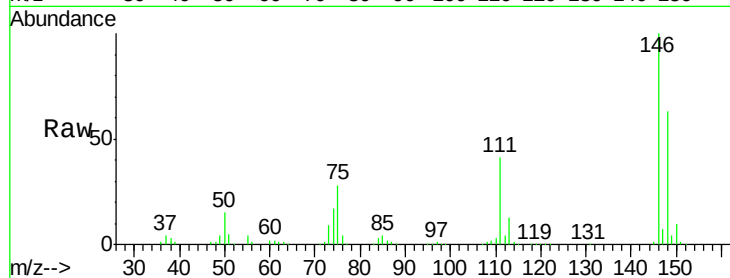




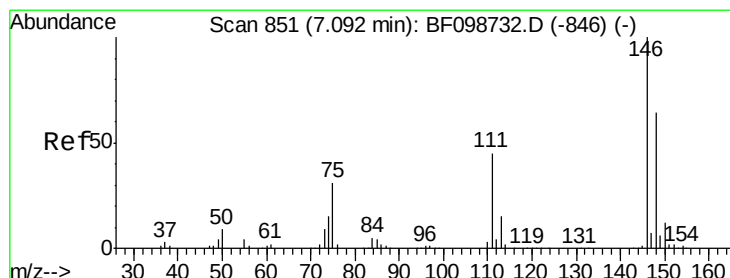
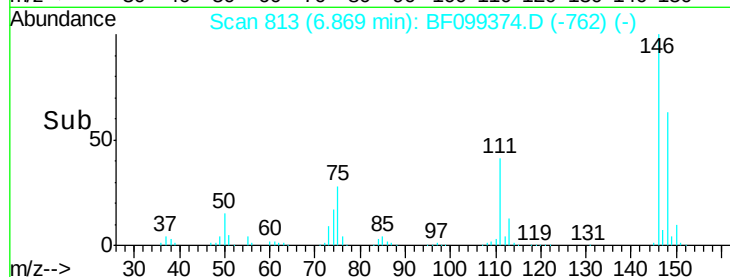
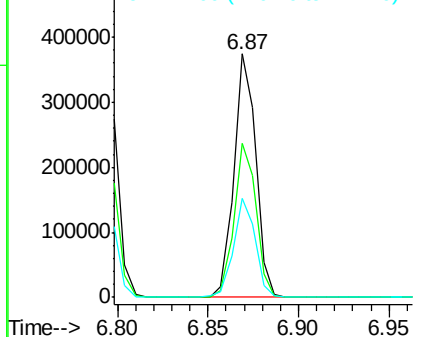
#13
 1,4-Dichlorobenzene
 Concen: 43.04 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 314725
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 40.8 34.2 51.2

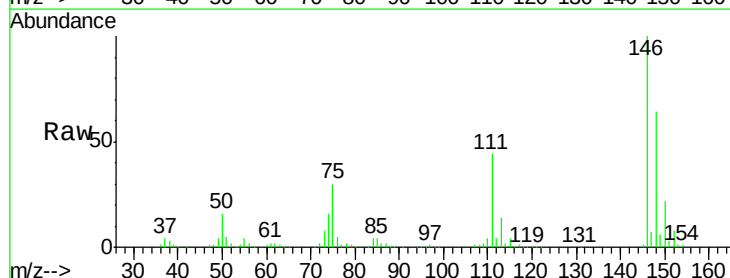


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

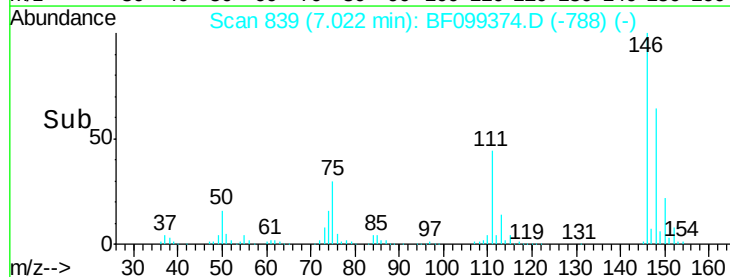
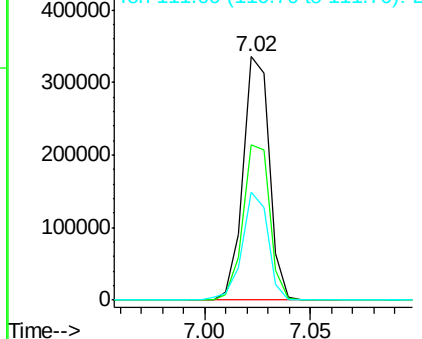


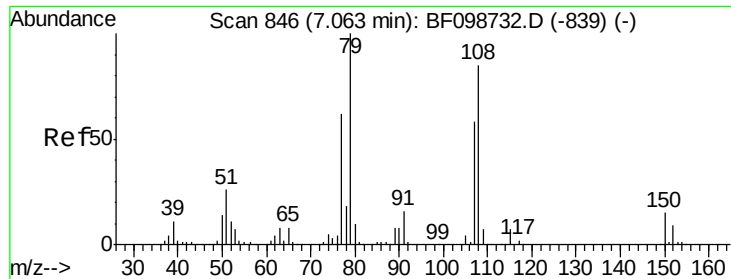
#14
 1,2-Dichlorobenzene
 Concen: 42.78 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion:146 Resp: 289074
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 44.4 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 37.45 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

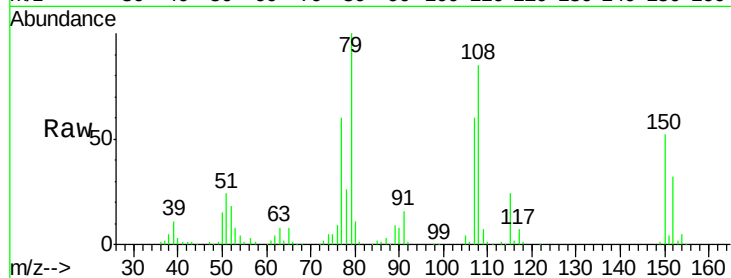
Tot Ion: 79 Resp: 205414

Ion Ratio Lower Upper

79 100

108 85.3 65.1 97.7

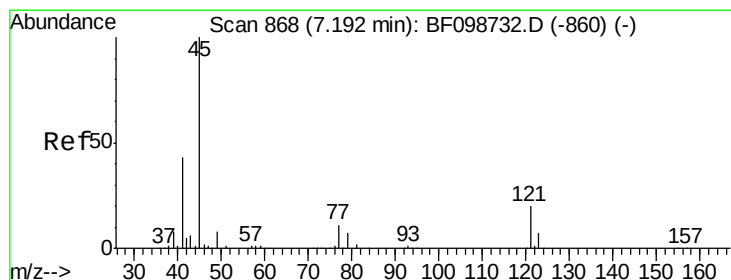
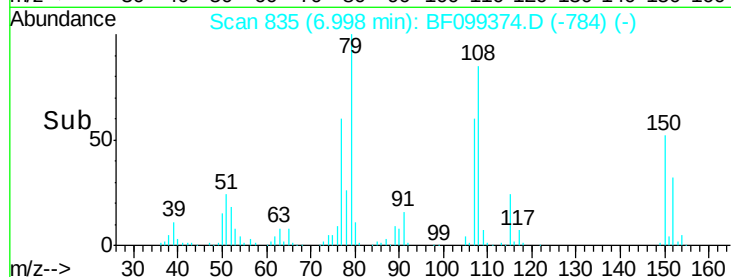
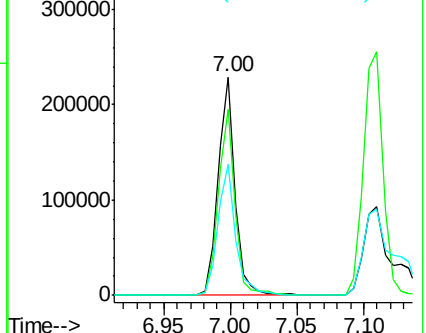
77 60.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.41 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

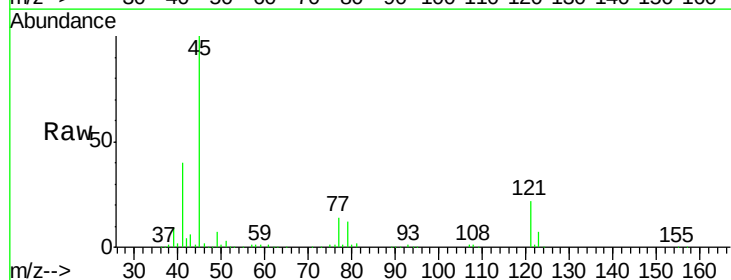
Tgt Ion: 45 Resp: 368706

Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

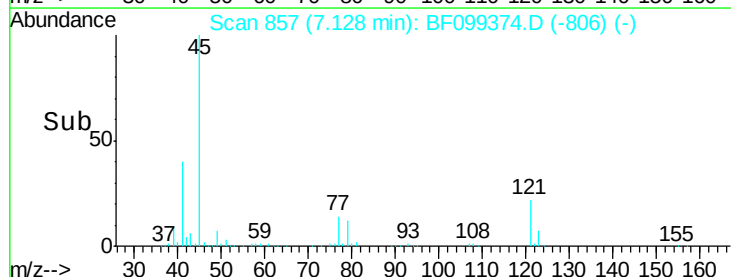
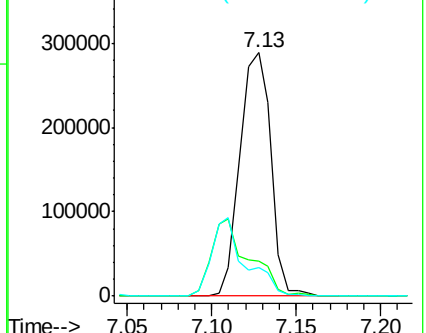
79 11.5 0.0 29.6

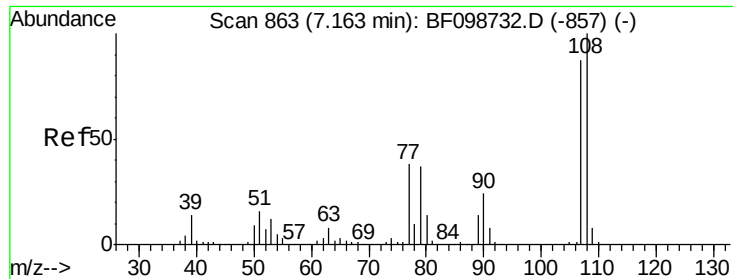


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

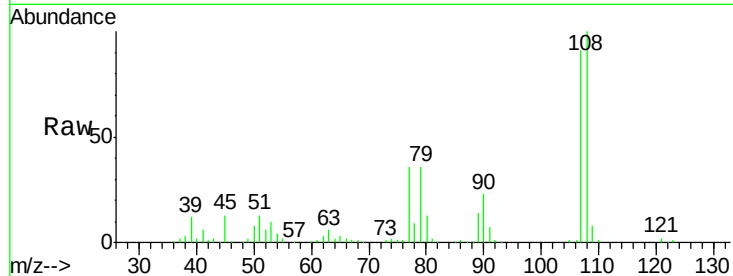




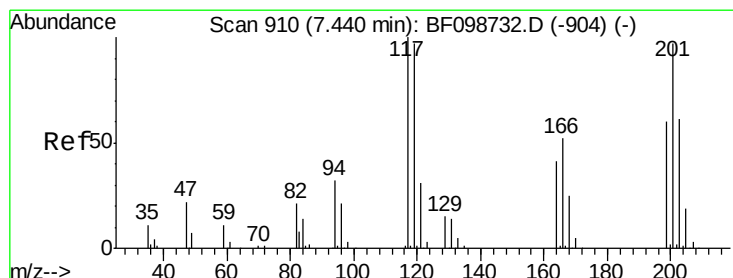
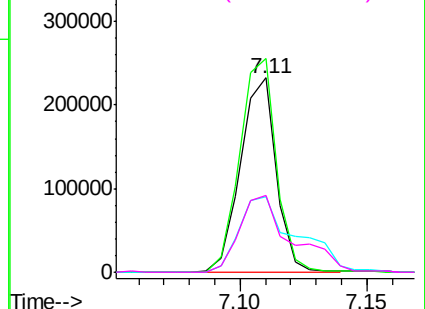
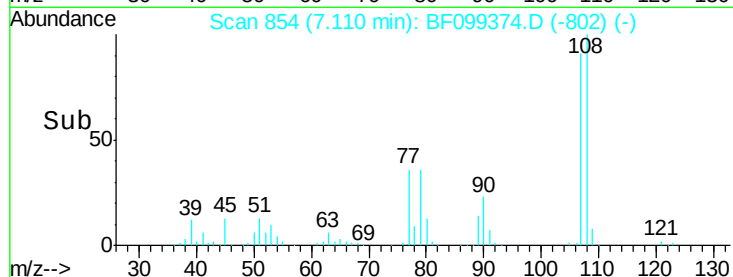
#17
2-Methylphenol
Concen: 40.70 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	91.7	137.5
77	39.3	33.8	50.8
79	39.9	33.8	50.8

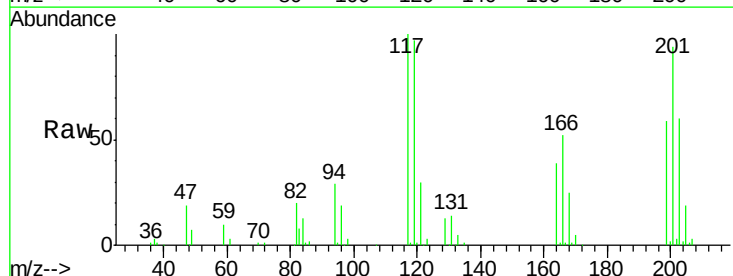


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

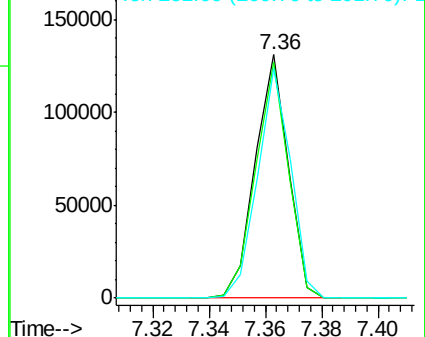
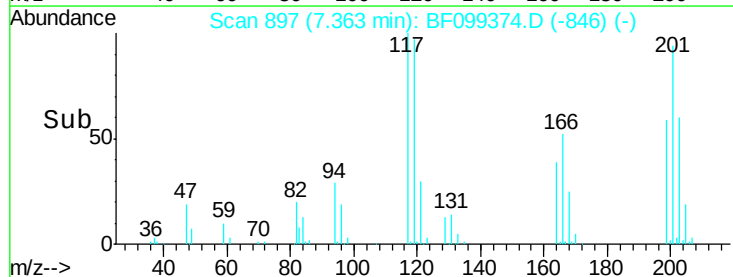


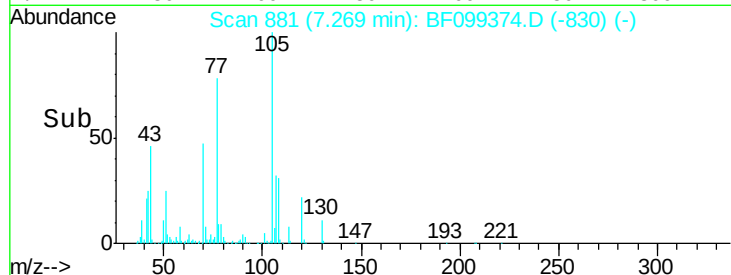
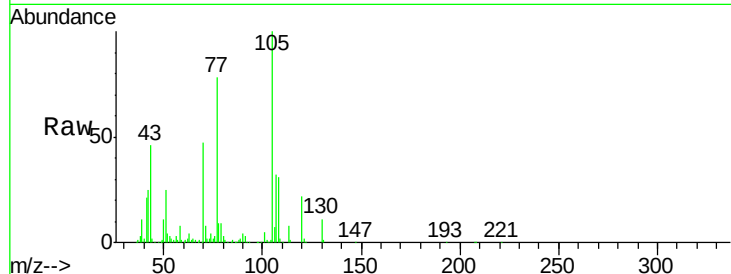
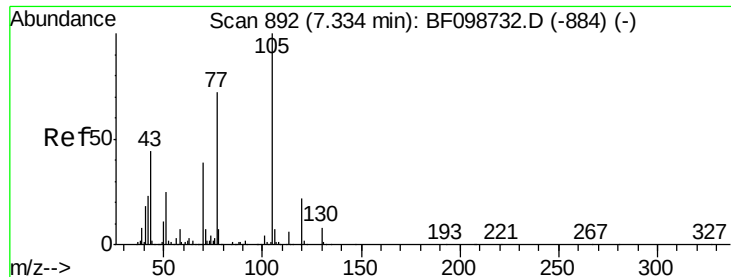
#18
Hexachloroethane
Concen: 40.43 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	94.1	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

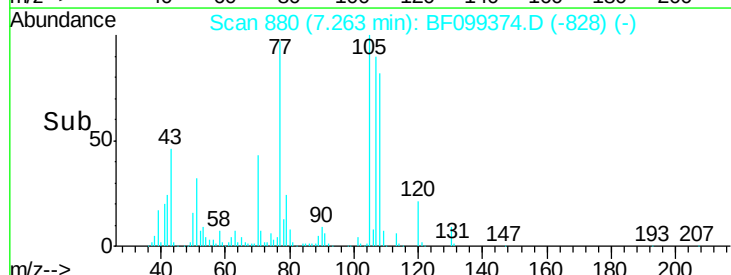
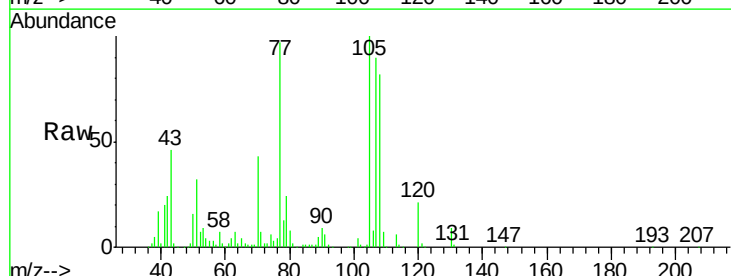
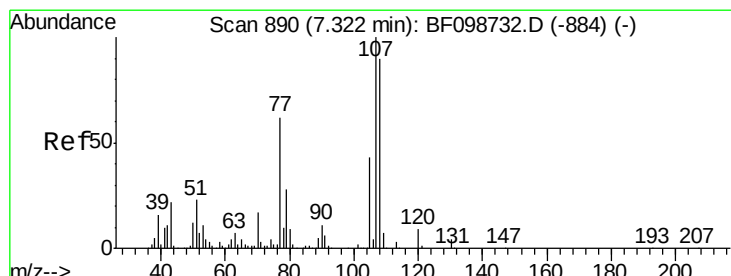
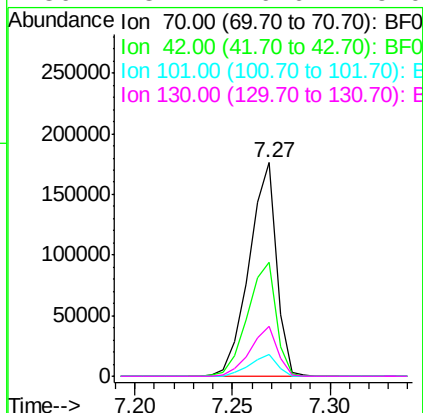




#19
n-Nitroso-di-n-propylamine
Concen: 35.83 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

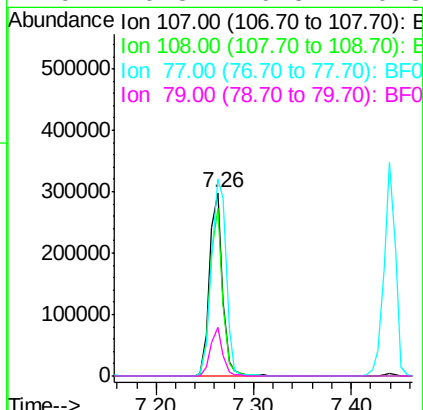
Instrument :
BNA_F
ClientSampled :

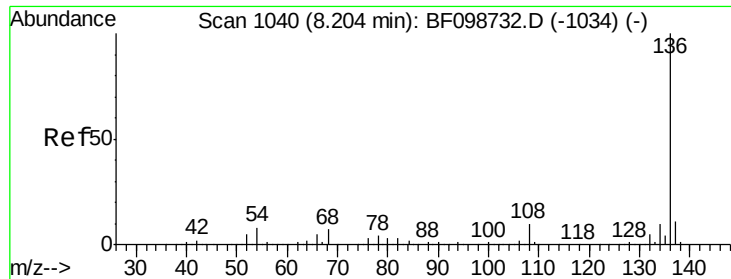
Tot Ion: 70 Resp: 171013
Ion Ratio Lower Upper
70 100
42 53.3 47.5 71.3
101 10.2 7.4 11.2
130 23.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.80 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:107 Resp: 275623
Ion Ratio Lower Upper
107 100
108 91.2 68.2 108.2
77 107.9 26.7 66.7#
79 26.8 6.3 46.3

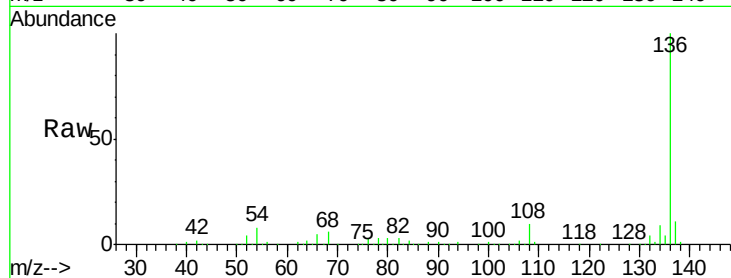




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	397427	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.9	13.3	
54 7.6	6.6	9.8	
68 6.3	5.0	7.4	

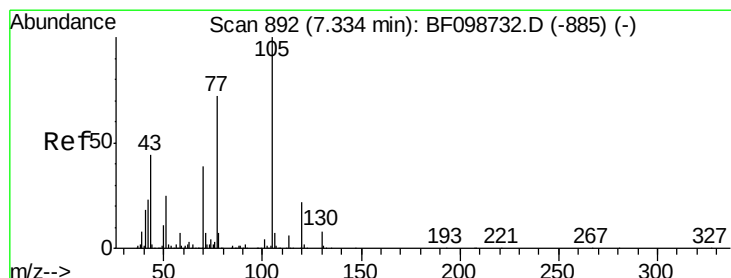
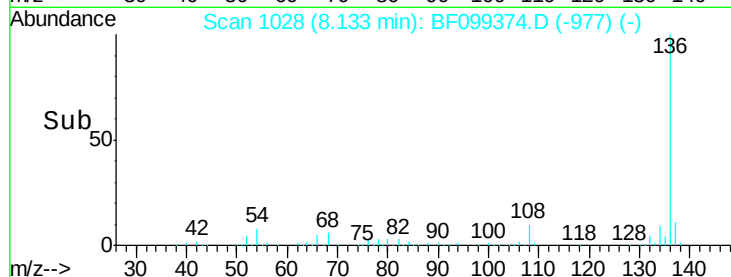
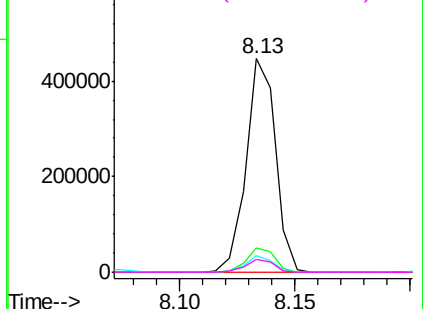


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

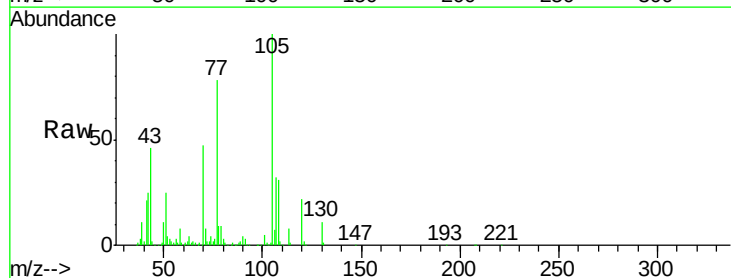
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.38 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt	Ion:105	Resp:	369523
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	25.1	22.3	33.5
120	22.0	16.9	25.3

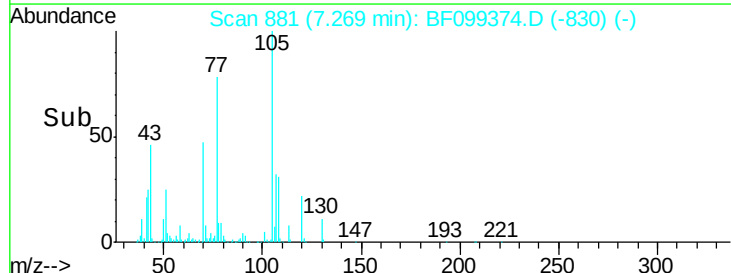
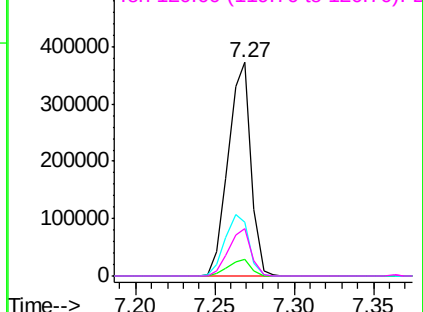


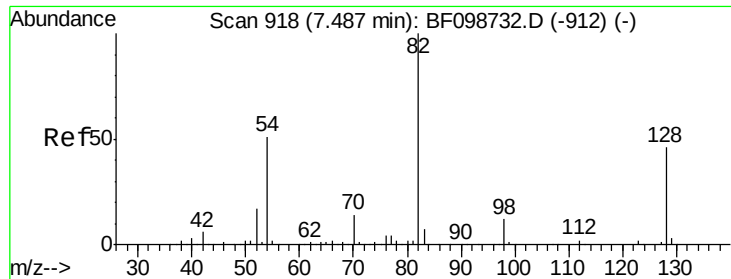
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

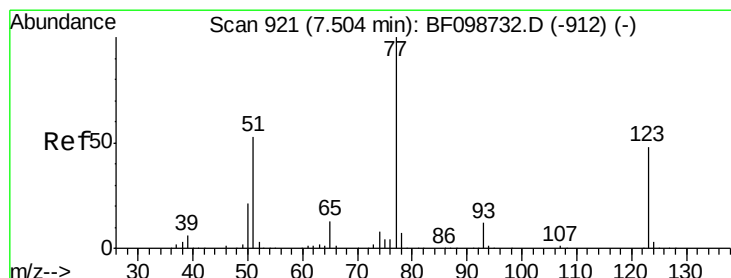
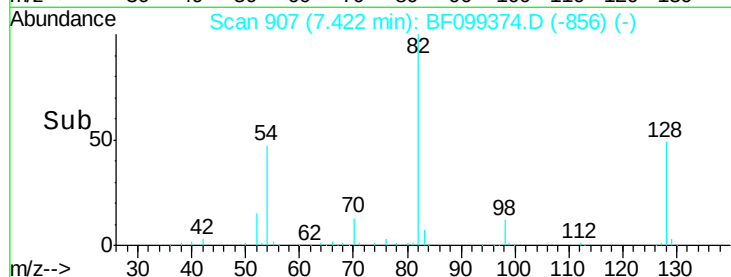
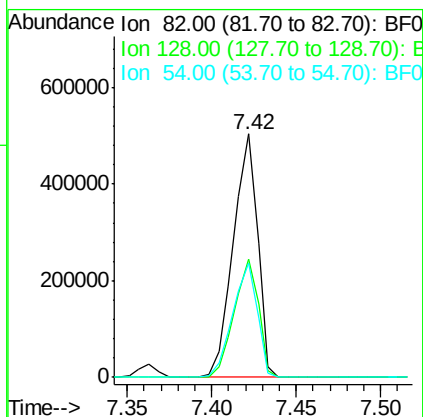
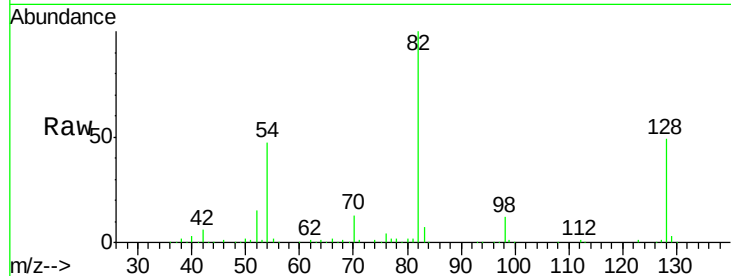




#23
 Nitrobenzene-d5
 Concen: 81.51 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

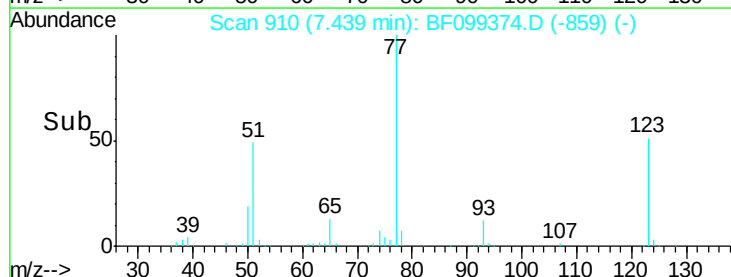
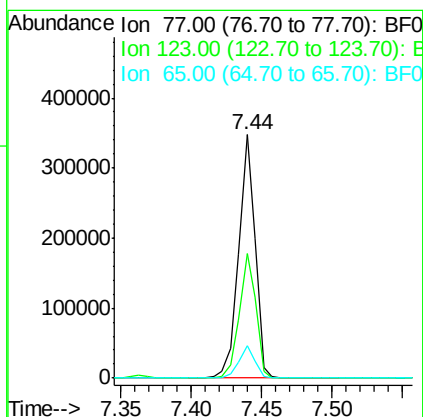
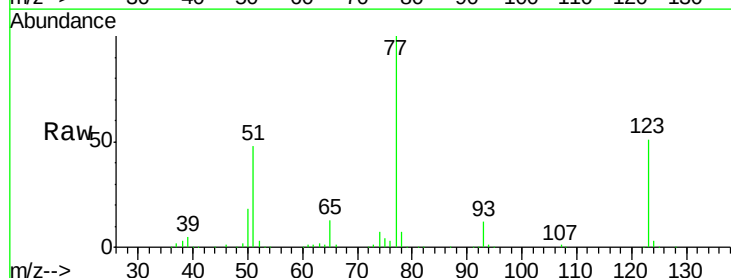
Instrument :
 BNA_F
 ClientSampleId :

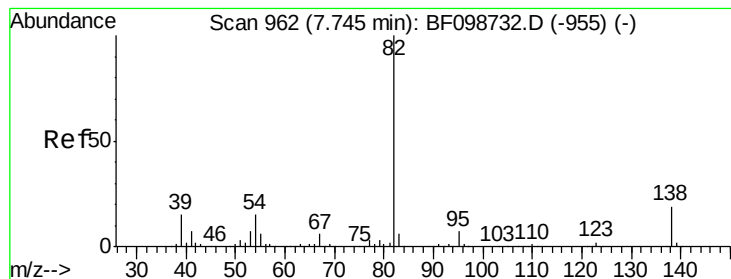
Tot Ion: 82 Resp: 505162
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.1 54.1
 54 46.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.07 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion: 77 Resp: 281721
 Ion Ratio Lower Upper
 77 100
 123 51.3 37.9 56.9
 65 13.1 11.0 16.4





#25

Isophorone

Concen: 38.37 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

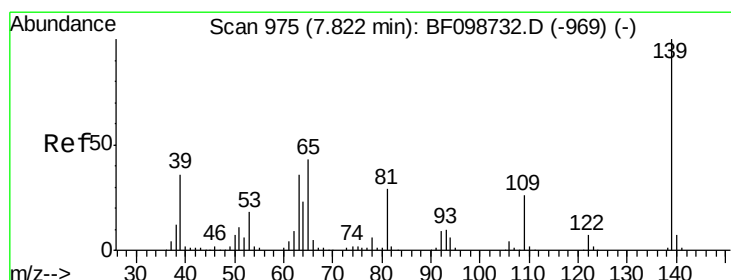
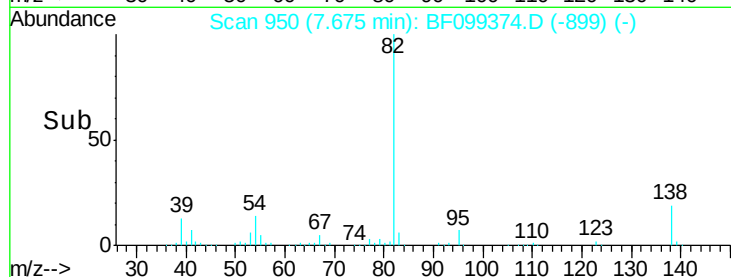
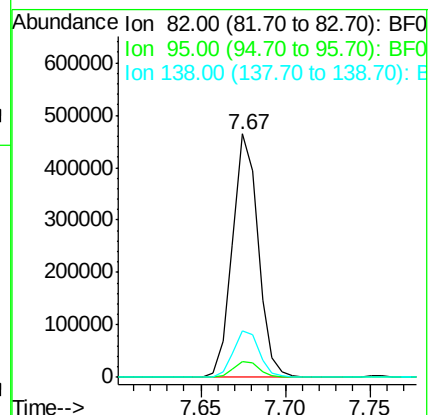
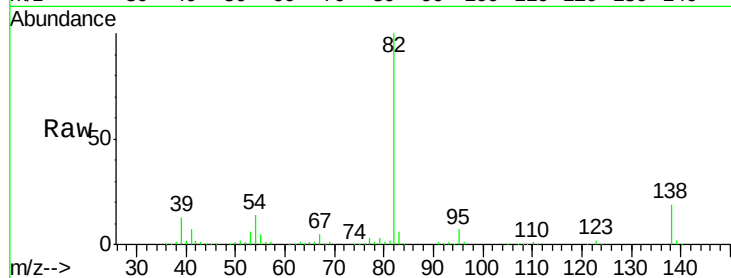
Tot Ion: 82 Resp: 491576

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 46.70 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

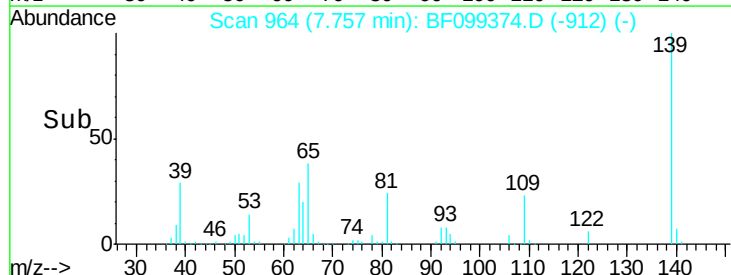
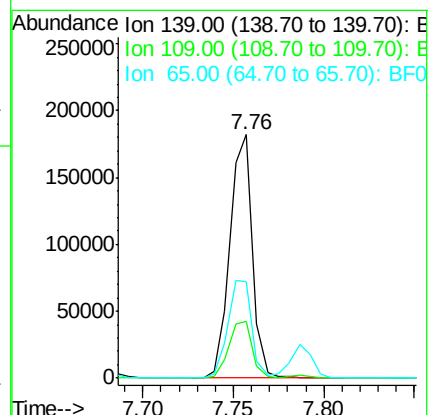
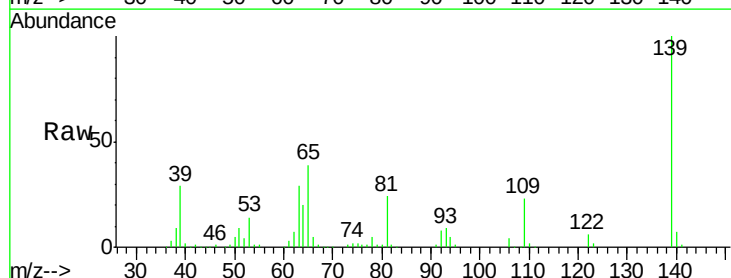
Tgt Ion: 139 Resp: 157881

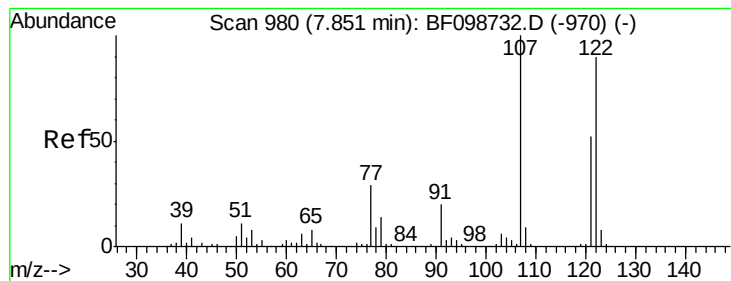
Ion Ratio Lower Upper

139 100

109 23.2 22.7 34.1

65 39.4 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 38.36 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampled :

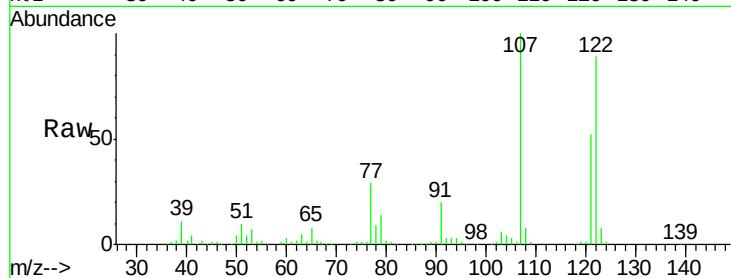
Tot Ion:122 Resp: 244913

Ion Ratio Lower Upper

122 100

107 111.9 91.2 136.8

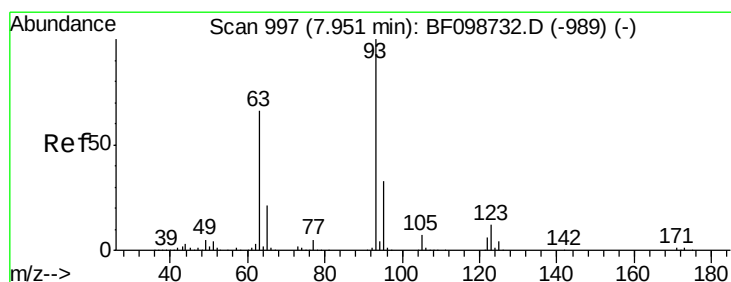
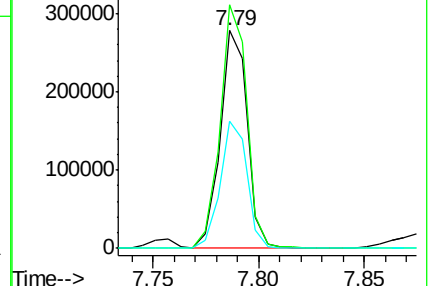
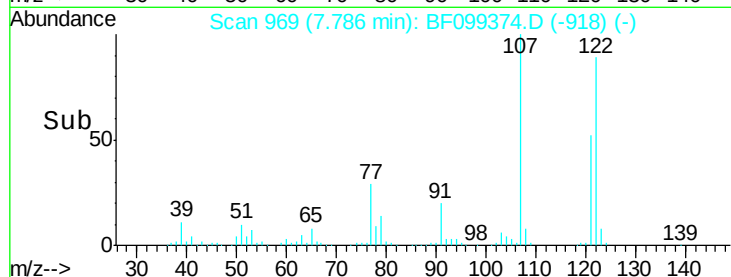
121 58.3 47.2 70.8



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: 40.01 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

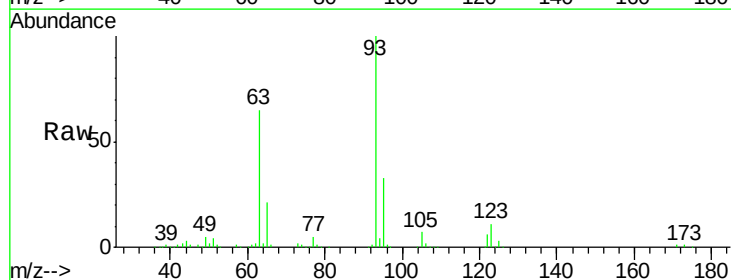
Tgt Ion: 93 Resp: 319438

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

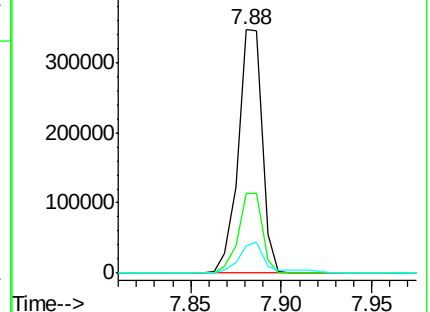
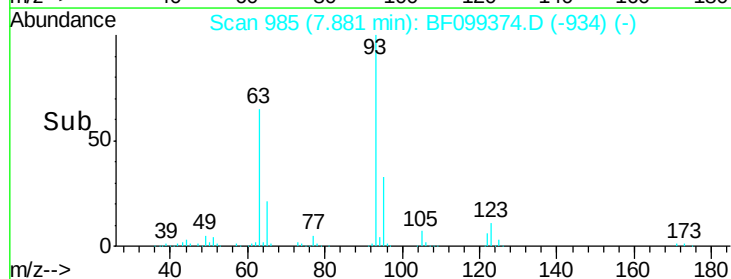
123 11.2 9.8 14.6

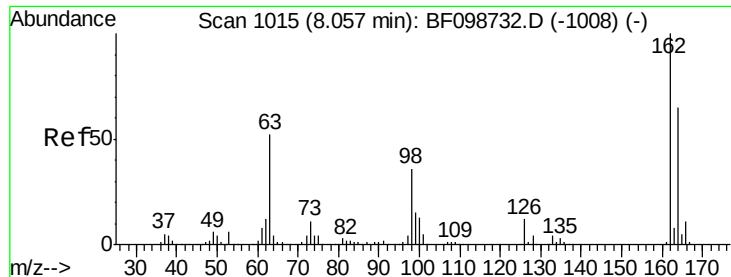


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

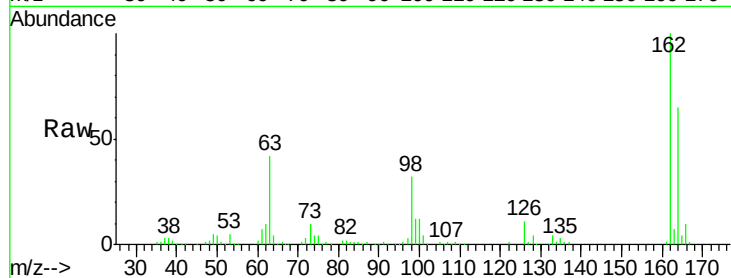




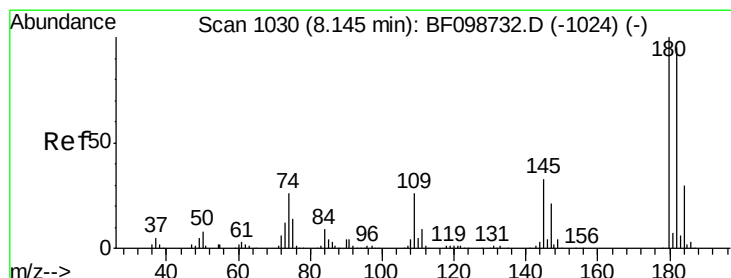
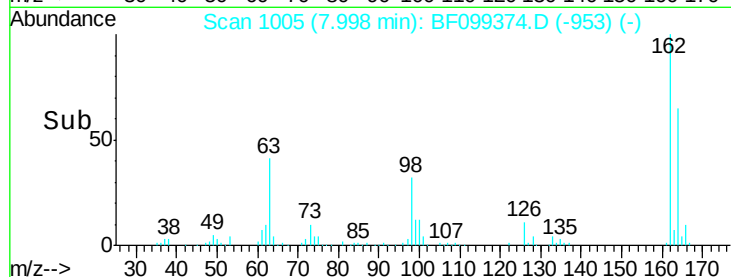
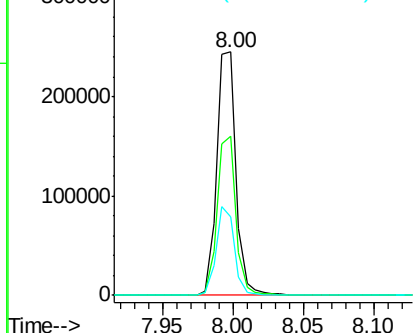
#29
 2,4-Dichlorophenol
 Concen: 42.42 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.7	82.7
98	32.5	18.1	58.1

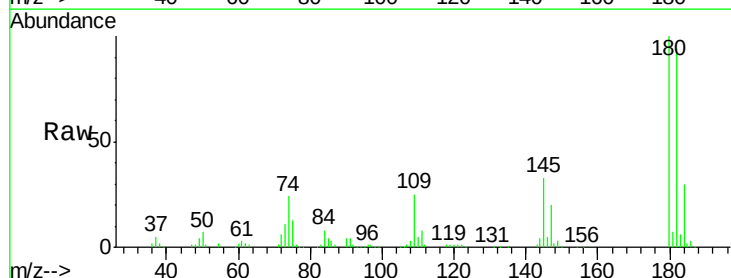


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

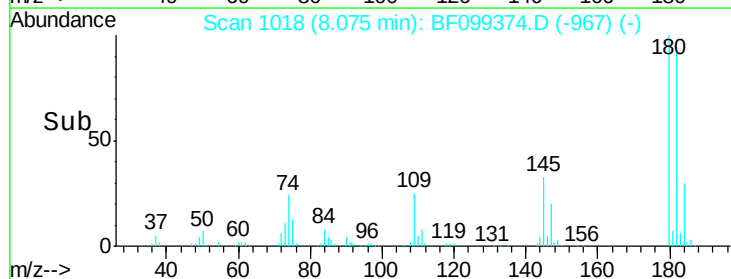
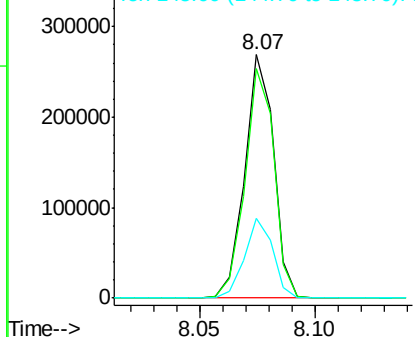


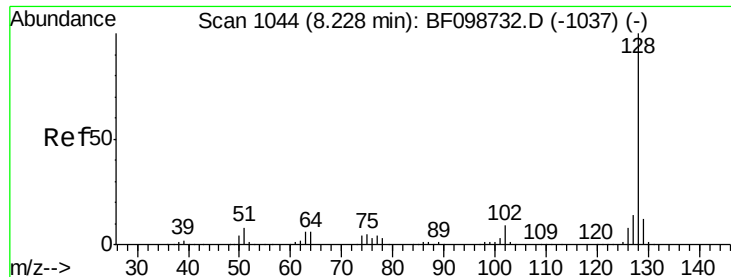
#30
 1,2,4-Trichlorobenzene
 Concen: 43.00 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	32.9	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

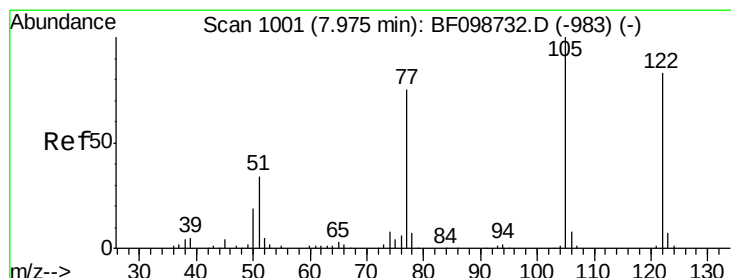
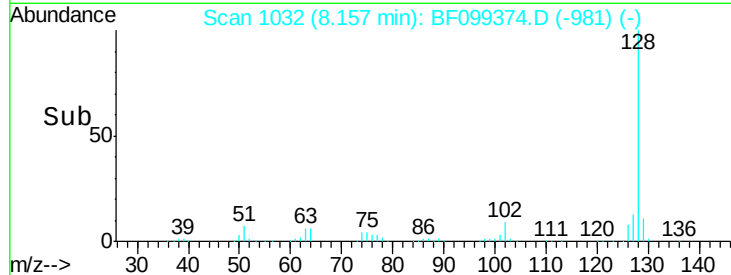
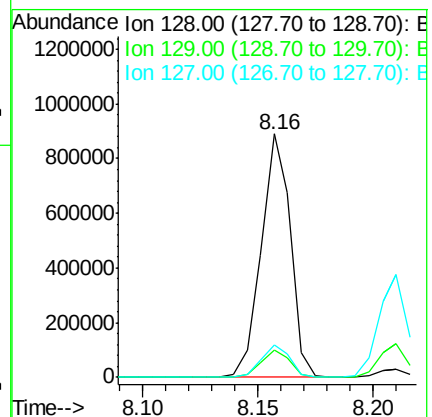
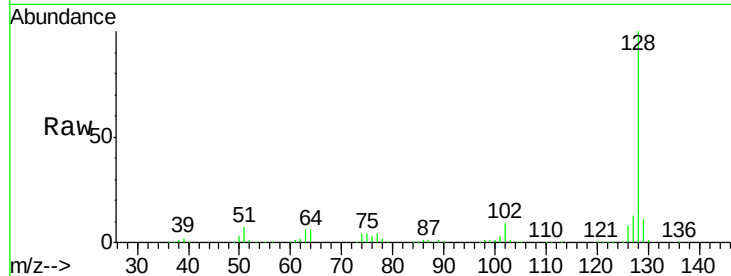




#31
Naphthalene
Concen: 41.94 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

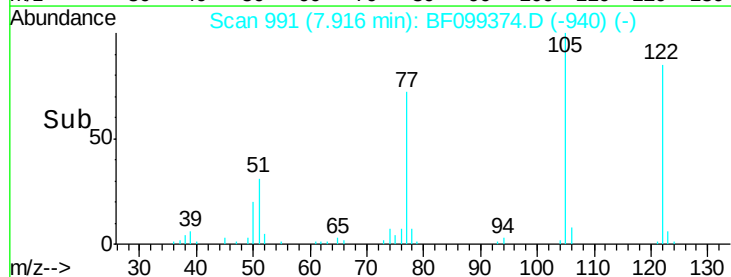
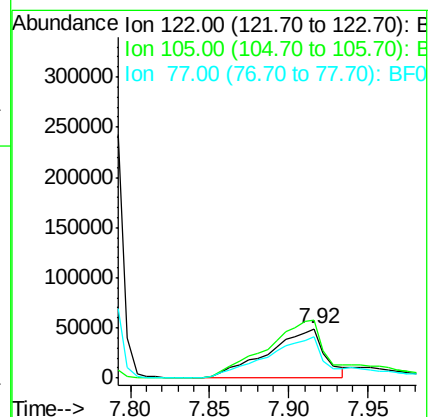
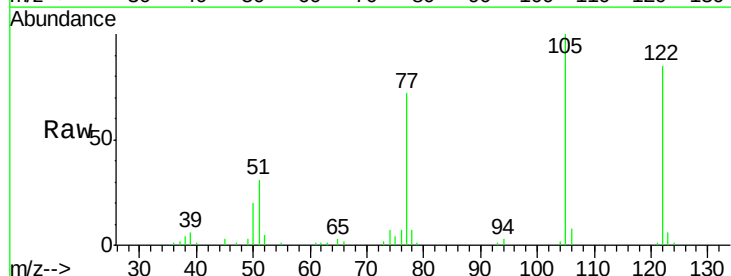
Instrument :
BNA_F
ClientSampled :

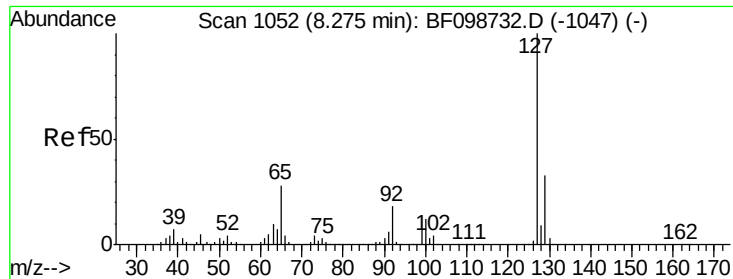
Tot Ion:128 Resp: 782757
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 22.84 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:122 Resp: 119751
Ion Ratio Lower Upper
122 100
105 117.9 101.1 141.1
77 85.2 70.7 110.7

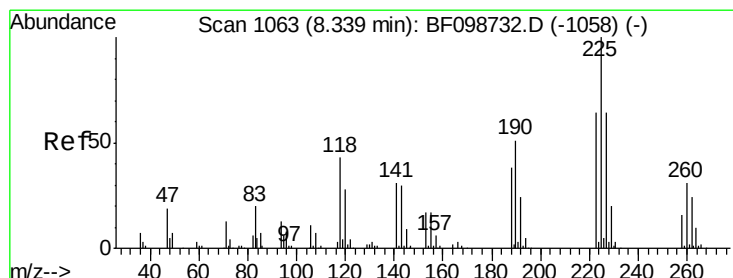
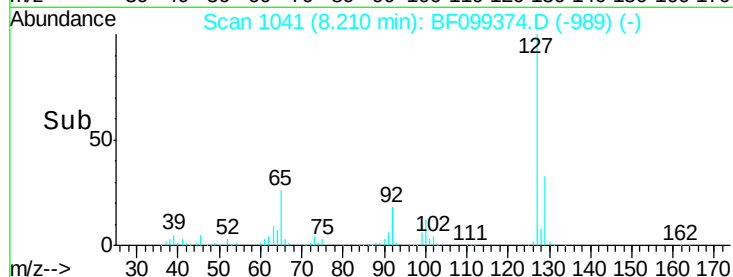
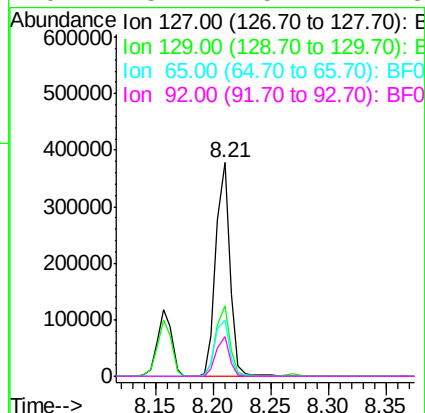
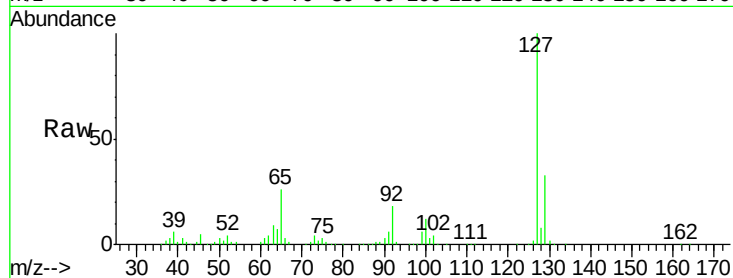




#33
4-Chloroaniline
Concen: 41.44 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

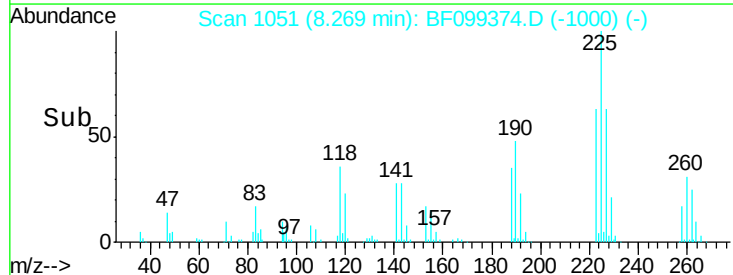
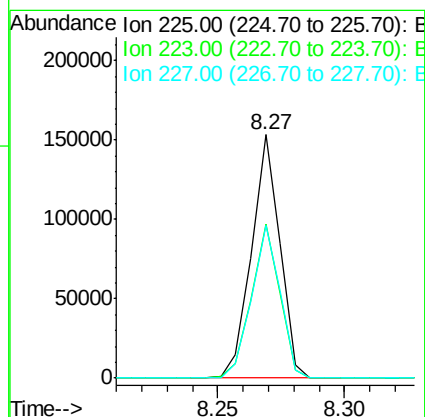
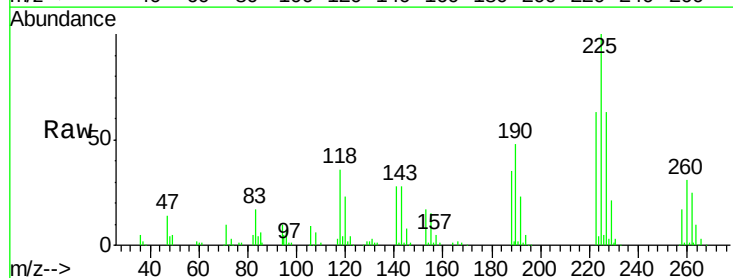
Instrument :
BNA_F
ClientSampled :

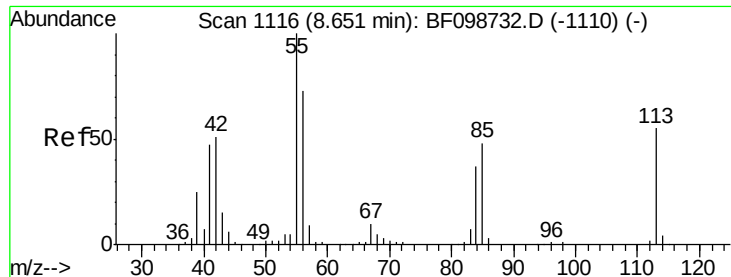
Tot Ion:	127	Resp:	323010
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	26.5	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.27 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:	225	Resp:	119368
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	62.5	51.9	77.9

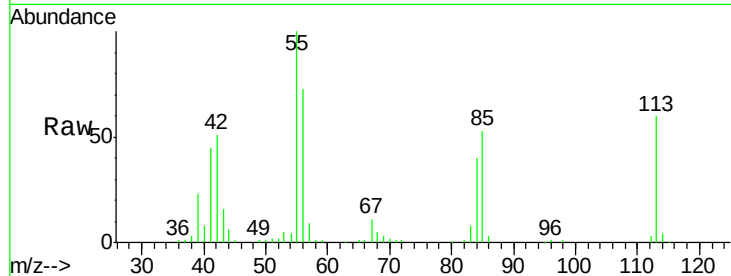




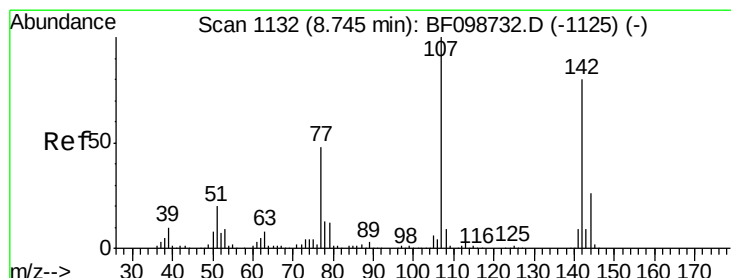
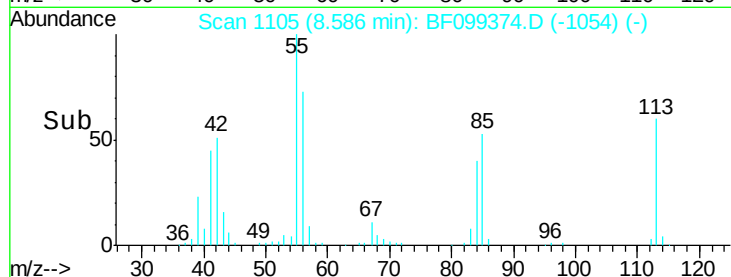
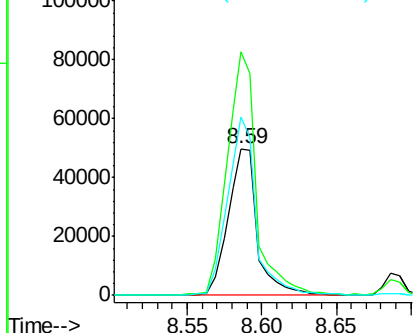
#35
Caprolactam
Concen: 38.74 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 68108
Ion Ratio Lower Upper
113 100
55 165.9 163.3 203.3
56 121.9 115.7 155.7

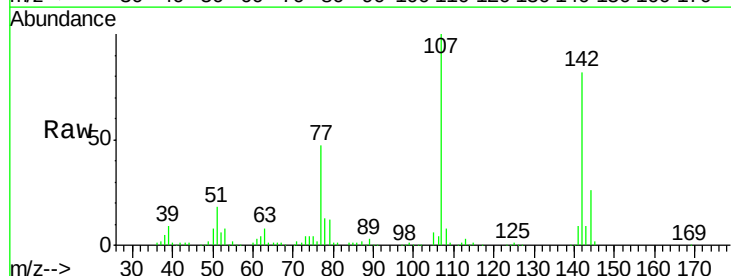


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

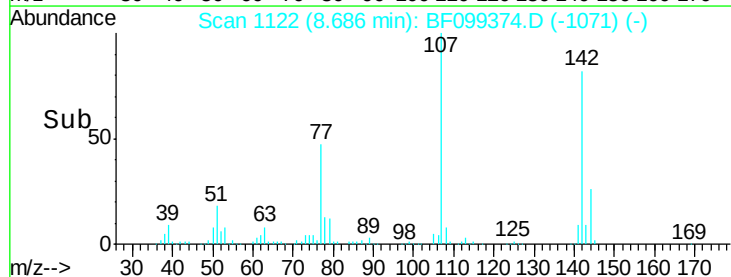
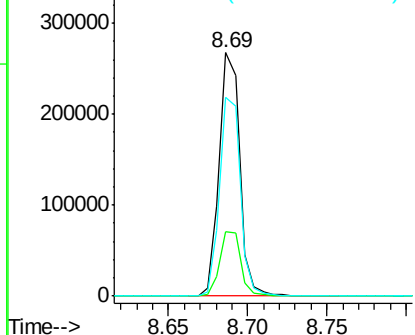


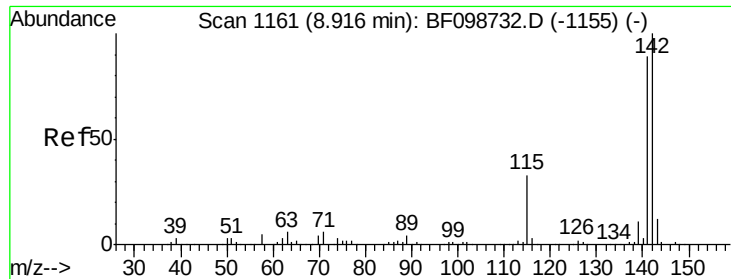
#36
4-Chloro-3-methylphenol
Concen: 39.14 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:107 Resp: 241151
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 81.9 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

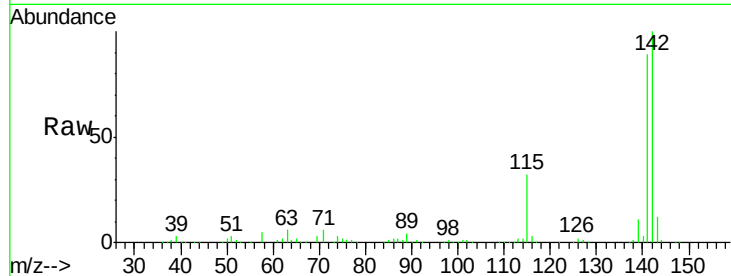




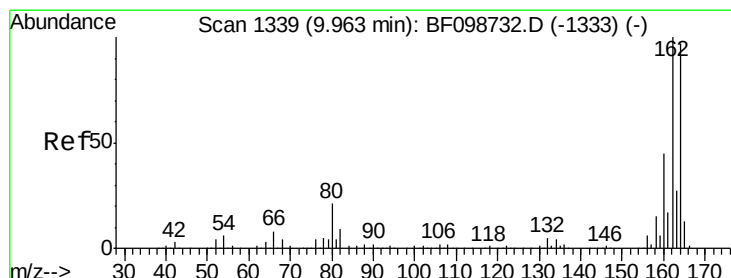
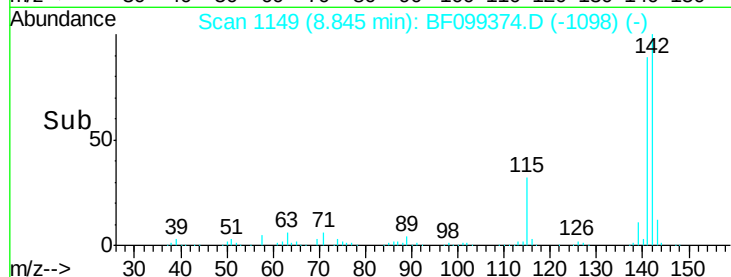
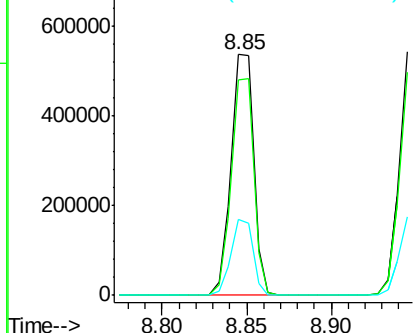
#37
 2-Methylnaphthalene
 Concen: 41.11 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 498826
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 31.8 26.1 39.1

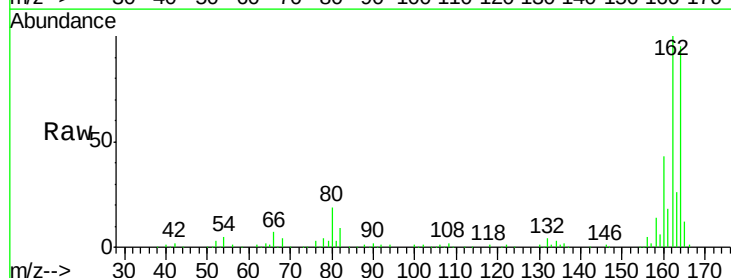


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

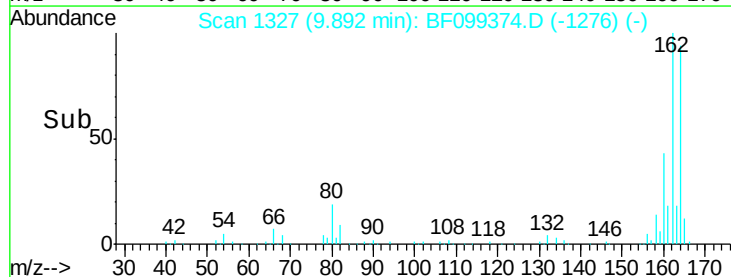
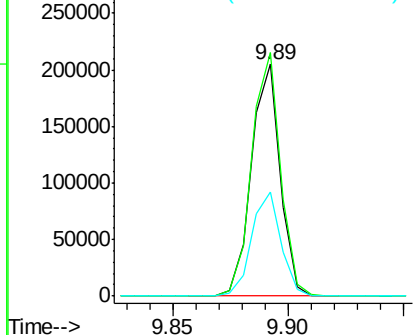


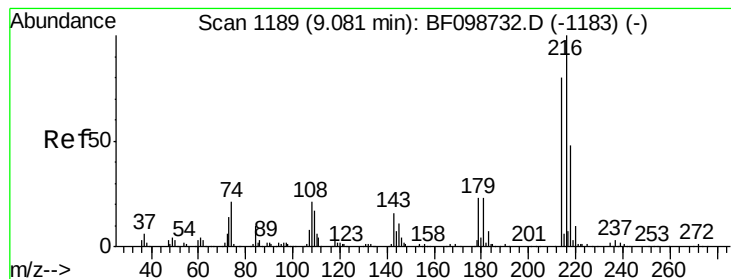
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion:164 Resp: 178228
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.1 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: 43.27 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099374.D

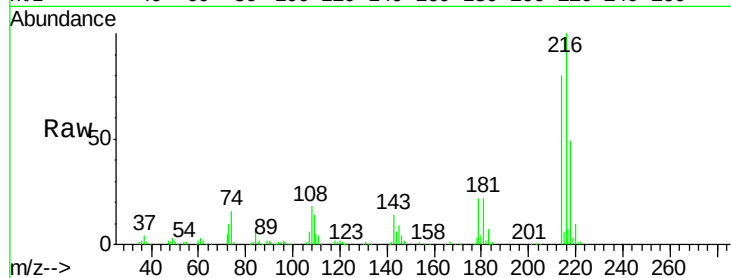
Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	229987
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.0 94.4
179	22.4	18.1 27.1
108	19.9	17.2 25.8

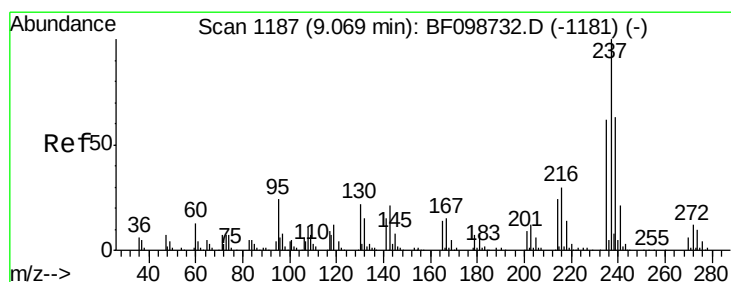
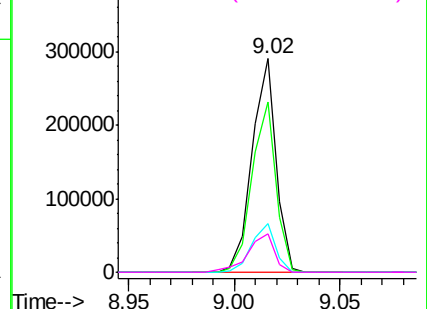
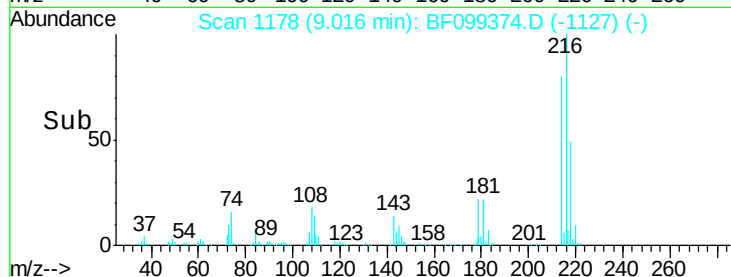


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.00 ng

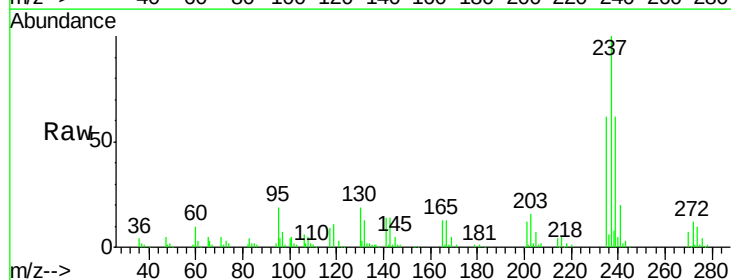
RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

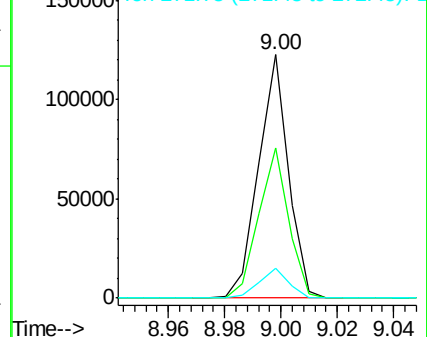
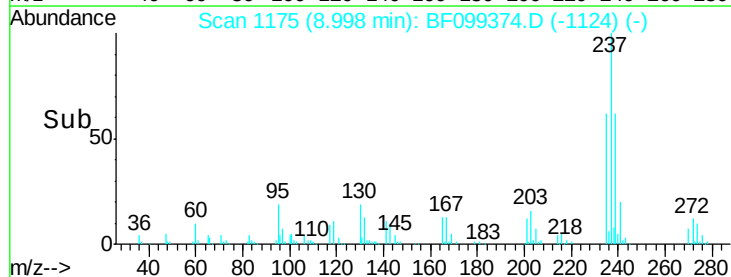
Tgt Ion:237	Resp:	89881
Ion Ratio	Lower	Upper
237	100	
235	61.6	44.8 84.8
272	12.4	0.0 33.3

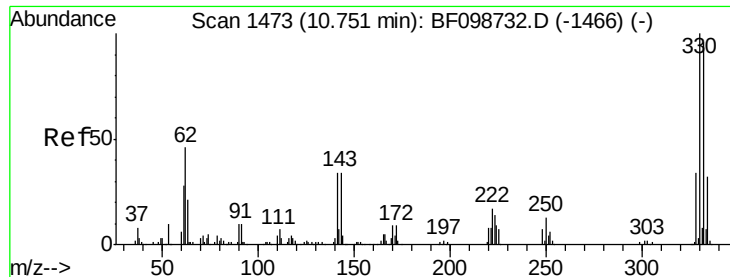


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

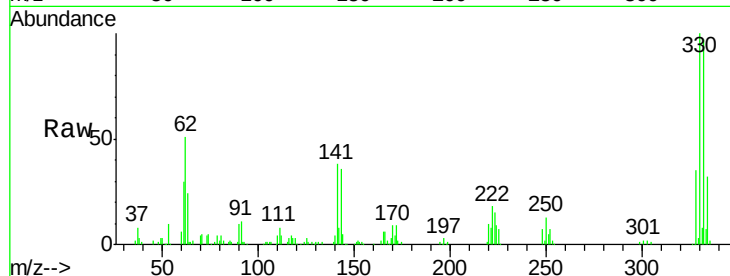




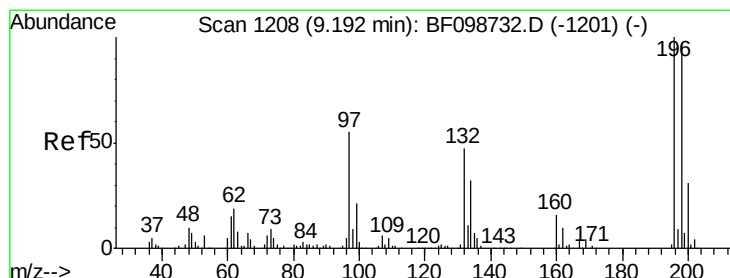
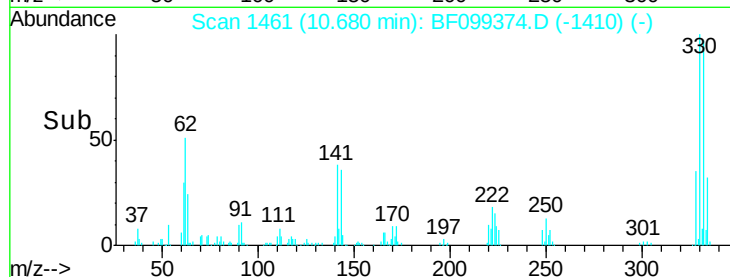
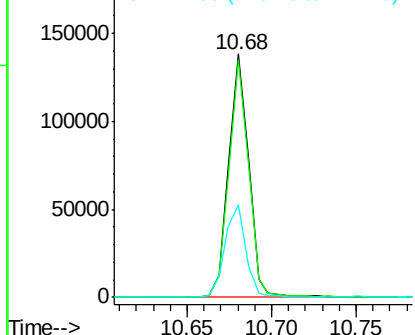
#41
 2,4,6-Tribromophenol
 Concen: 78.37 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	39.8	29.9	44.9

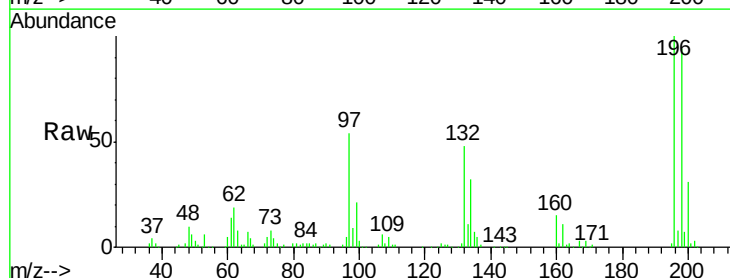


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

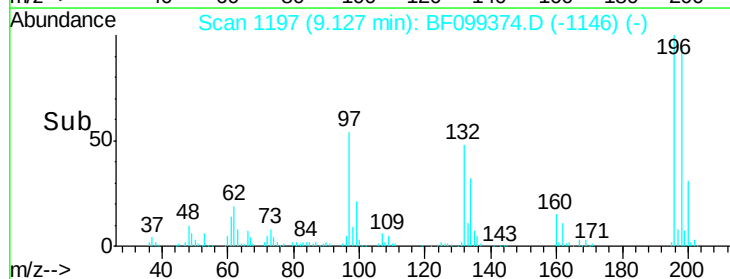
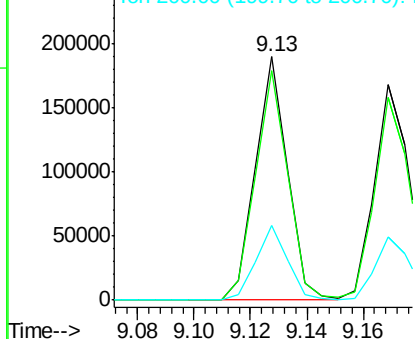


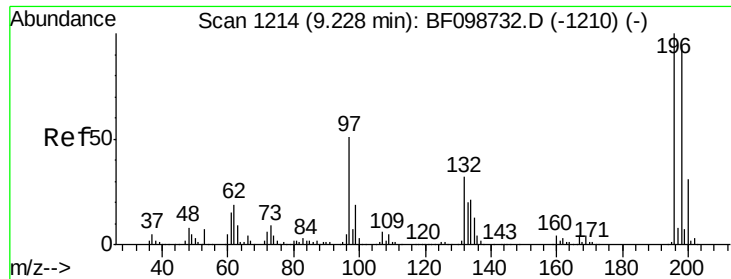
#42
 2,4,6-Trichlorophenol
 Concen: 39.76 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	30.9	24.5	36.7



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

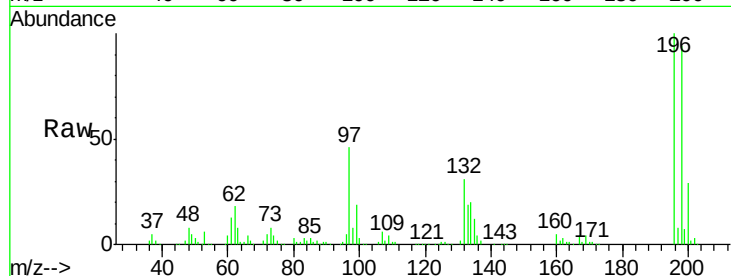




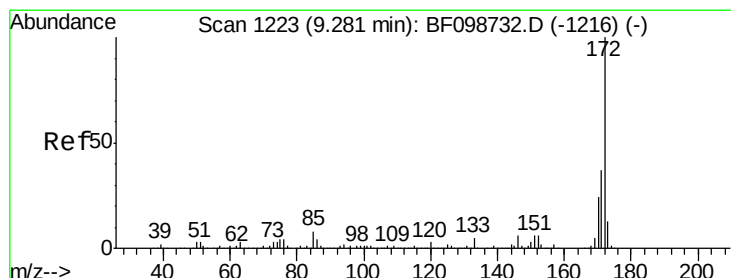
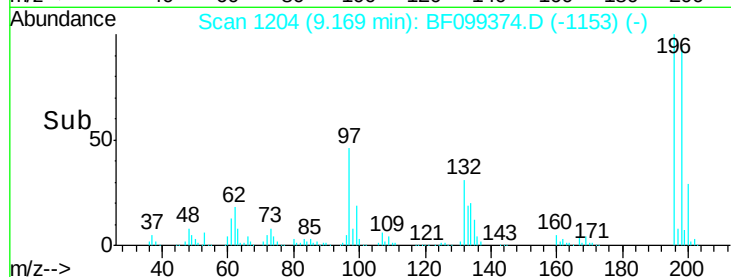
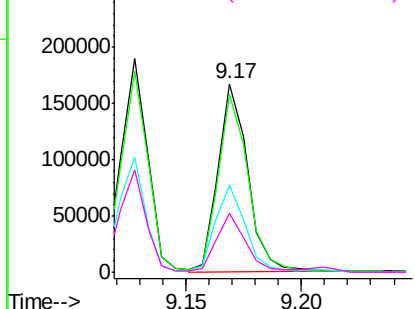
#43
 2,4,5-Trichlorophenol
 Concen: 39.43 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	148201
Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.6	112.0
97	45.8	42.9	64.3
132	30.9	26.3	39.5

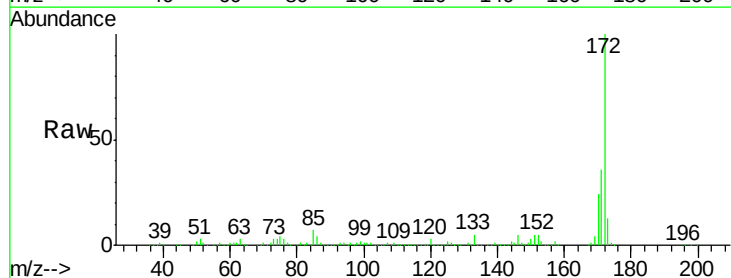


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

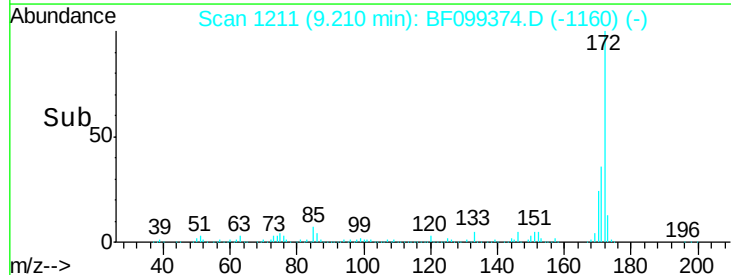
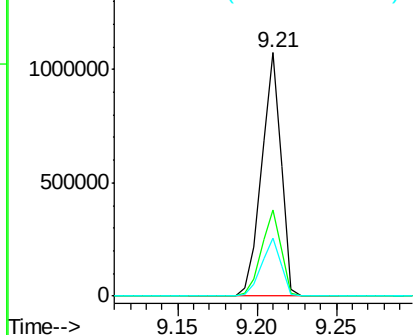


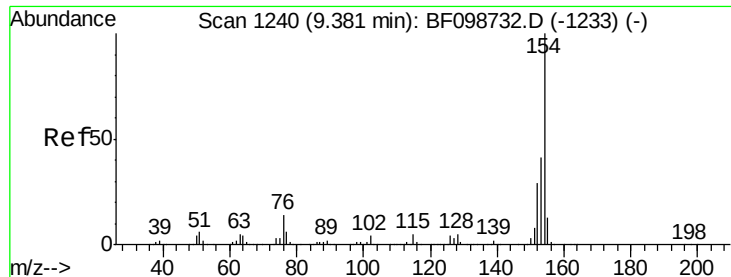
#44
 2-Fluorobiphenyl
 Concen: 86.58 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion:	172	Resp:	924344
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	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: 42.21 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

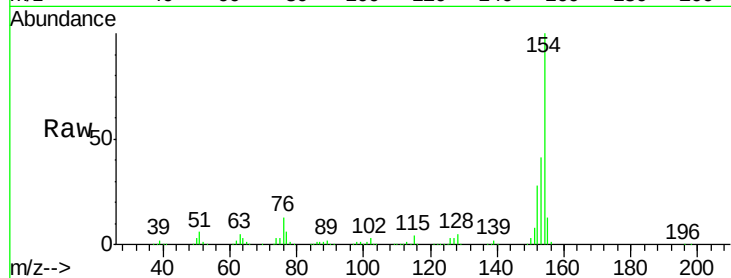
Tot Ion:154 Resp: 646554

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

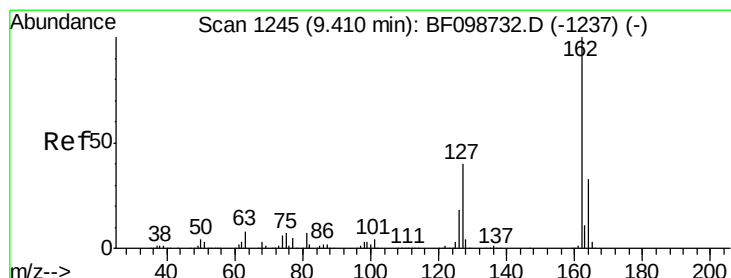
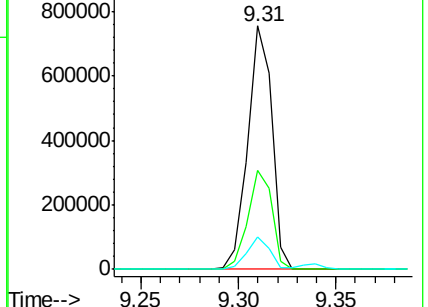
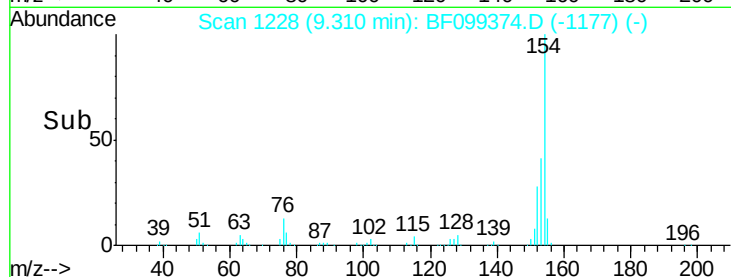
76 13.4 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 41.56 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

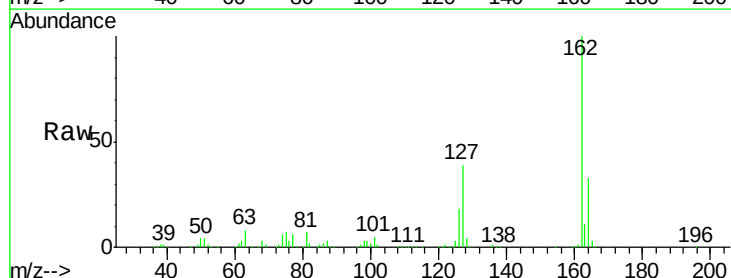
Tgt Ion:162 Resp: 478007

Ion Ratio Lower Upper

162 100

127 39.0 33.9 50.9

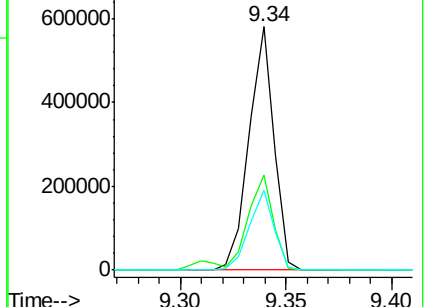
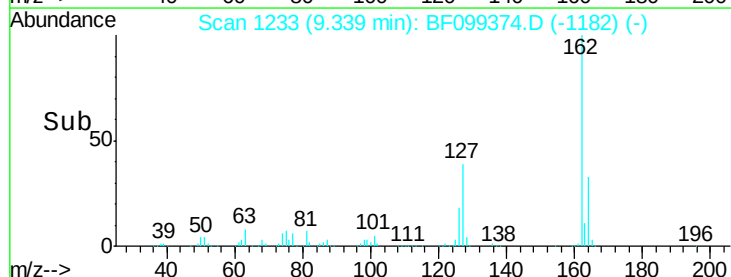
164 32.9 26.5 39.7

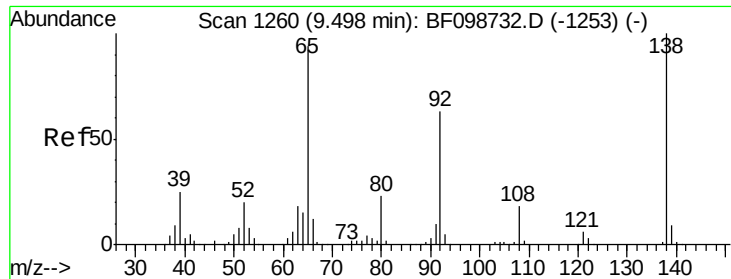


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

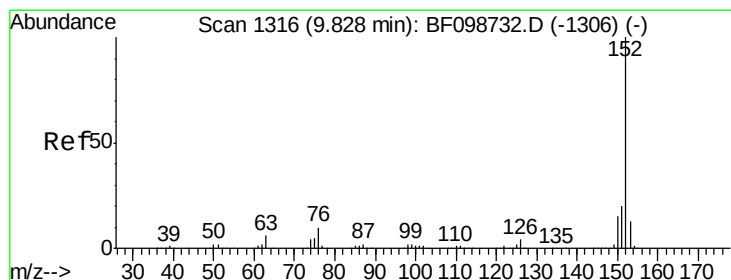
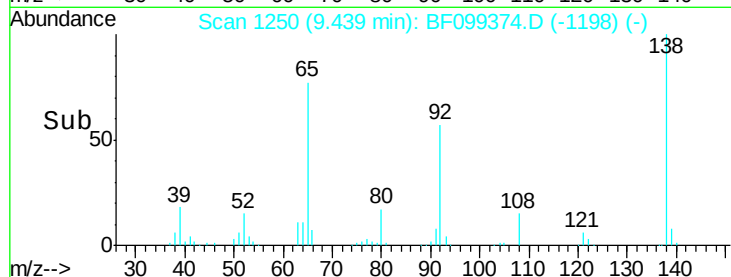
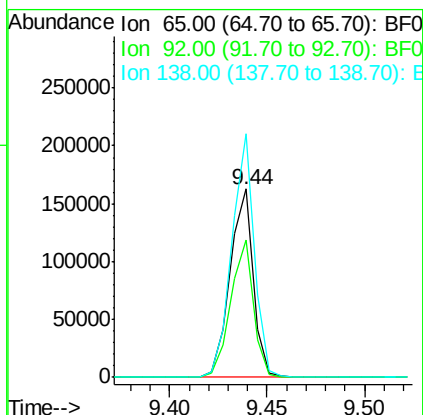
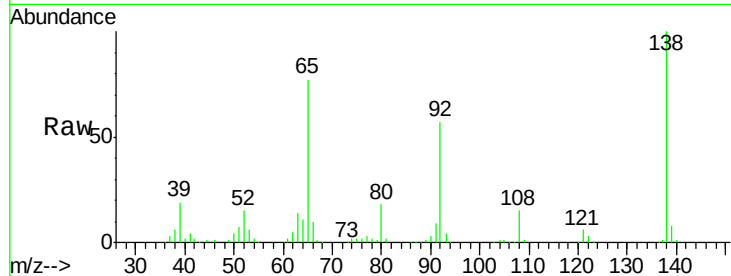




#47
2-Nitroaniline
Concen: 38.23 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

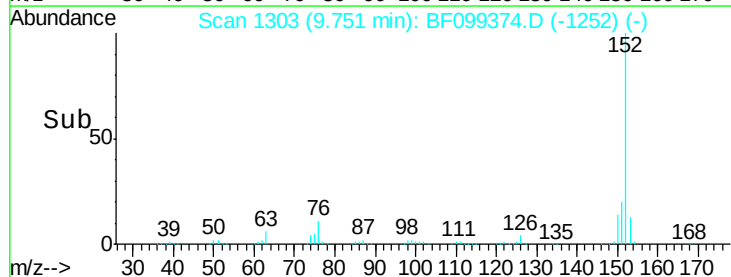
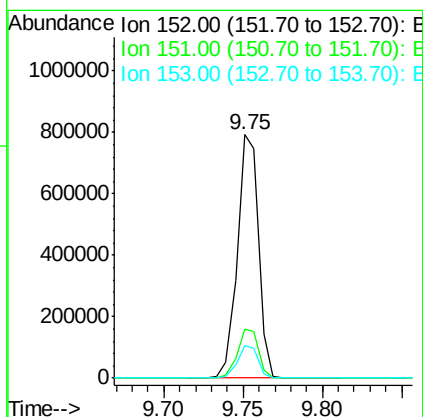
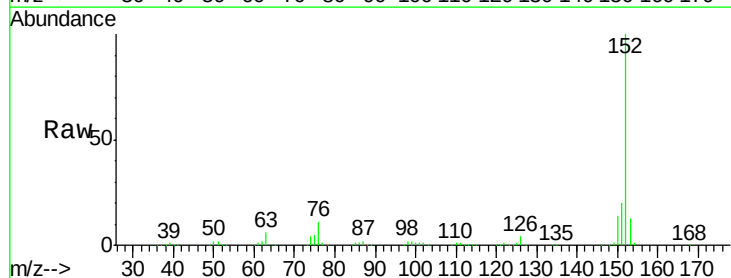
Instrument :
BNA_F
ClientSampled :

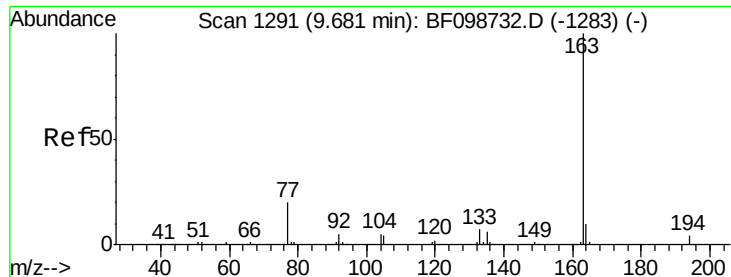
Tot Ion: 65 Resp: 134615
Ion Ratio Lower Upper
65 100
92 73.1 55.8 83.6
138 129.3 91.2 136.8



#48
Acenaphthylene
Concen: 41.48 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion: 152 Resp: 730311
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.4 10.7 16.1

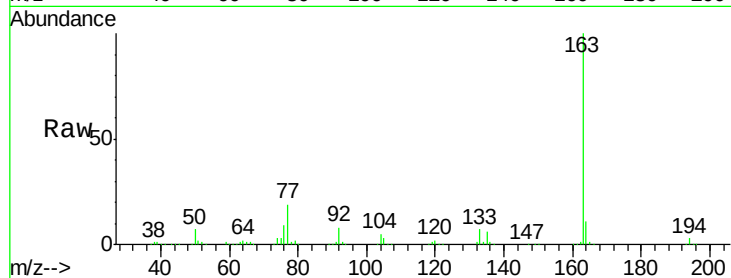




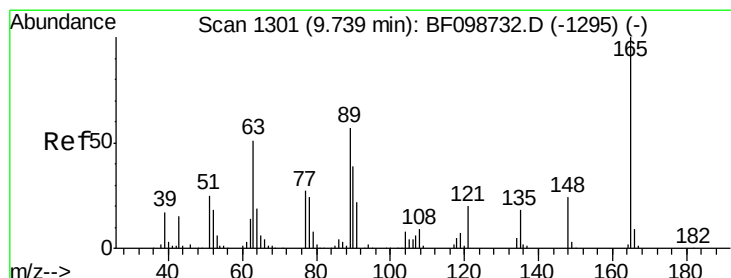
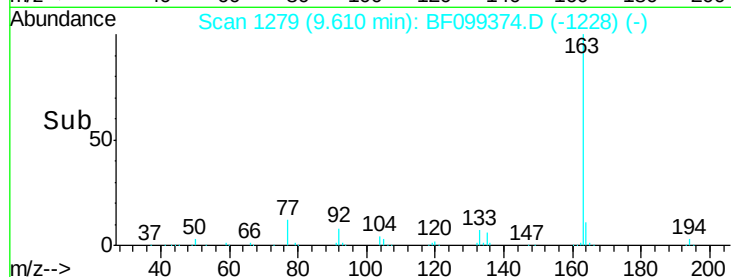
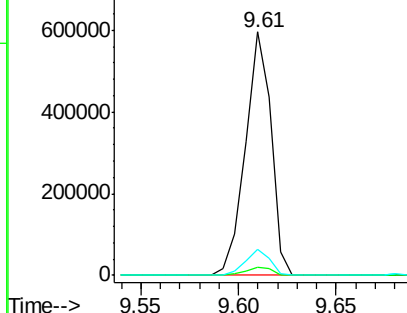
#49
Dimethylphthalate
Concen: 40.45 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 544088
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.7 8.2 12.2

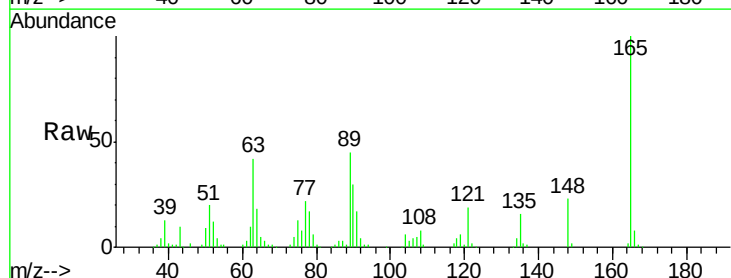


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

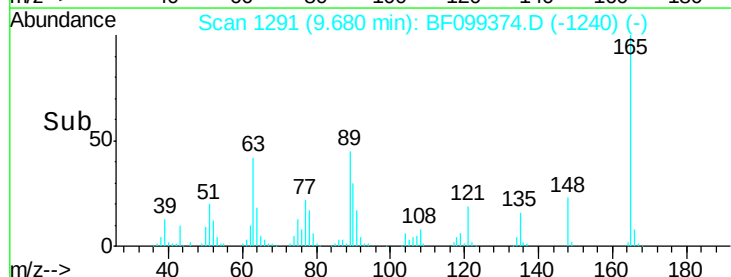
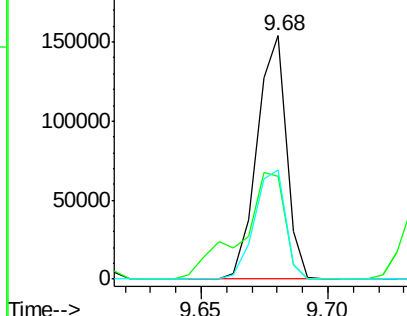


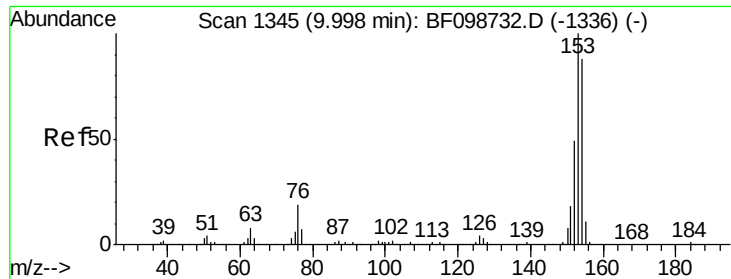
#50
2,6-Dinitrotoluene
Concen: 42.74 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:165 Resp: 125174
Ion Ratio Lower Upper
165 100
63 42.0 44.7 67.1#
89 44.6 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: 37.89 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

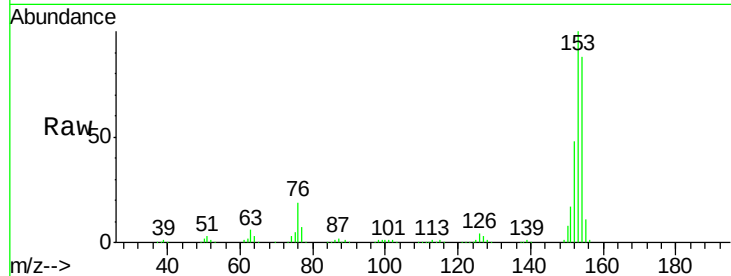
Tot Ion:154 Resp: 422515

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

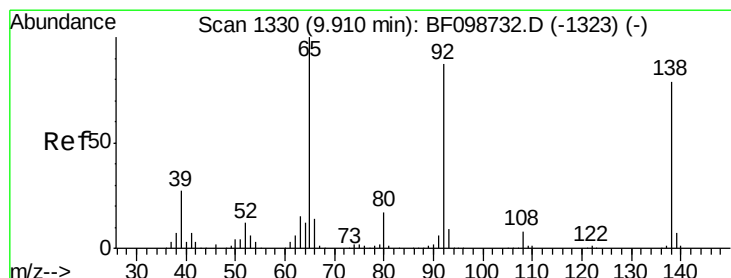
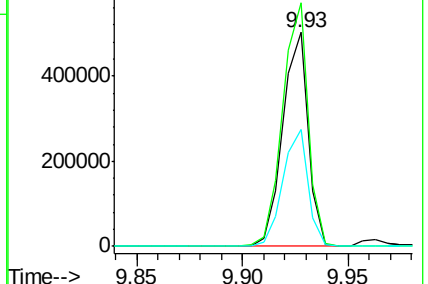
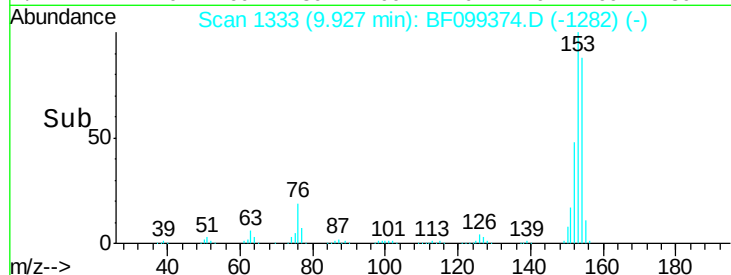
152 54.9 43.8 65.8



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: 39.83 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

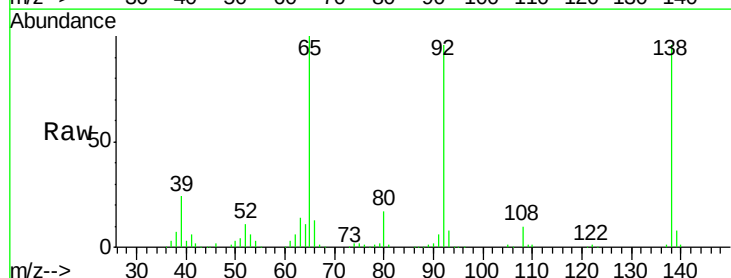
Tgt Ion:138 Resp: 136011

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

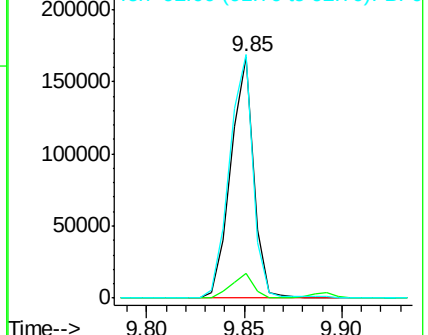
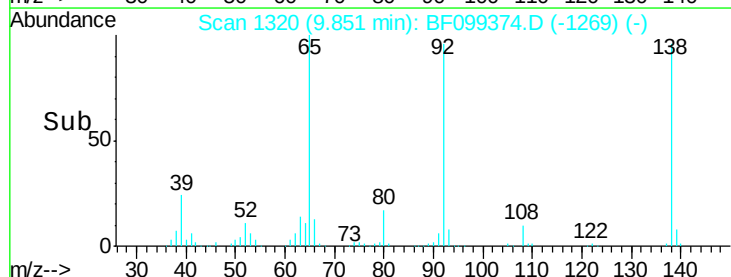
92 101.0 89.4 134.2

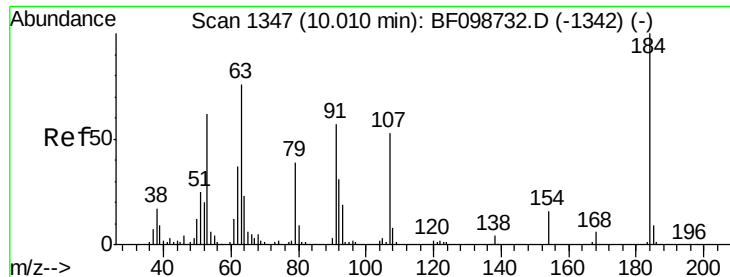


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

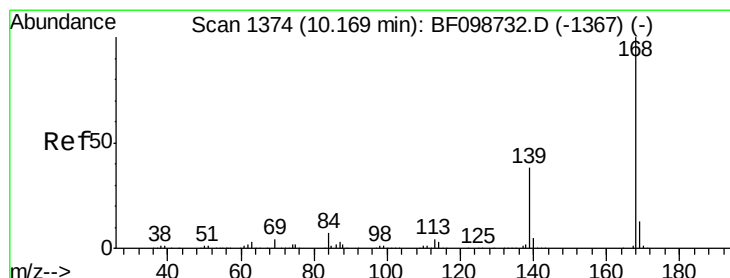
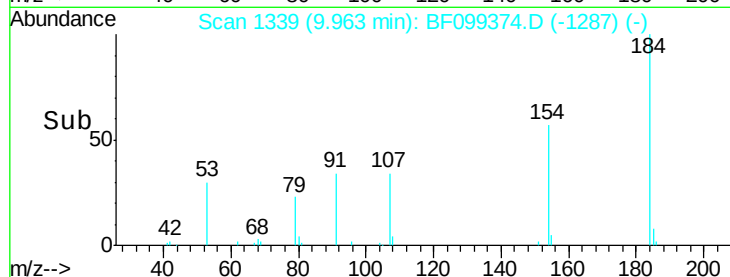
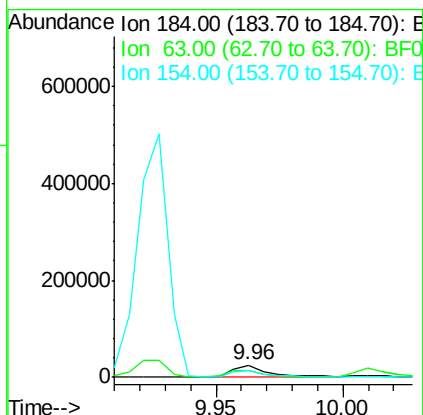
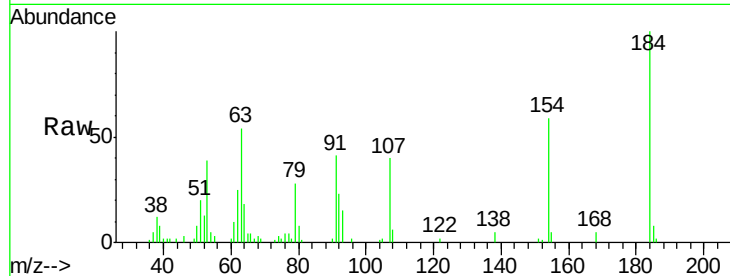




#53
2,4-Dinitrophenol
Concen: 21.40 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

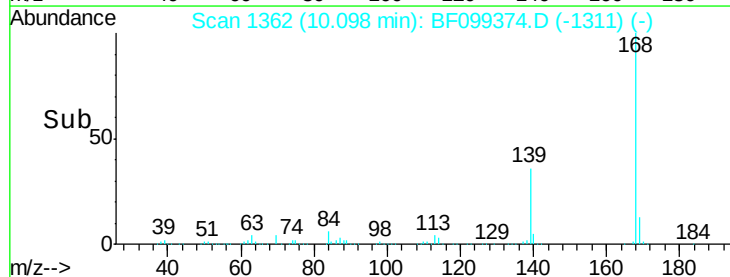
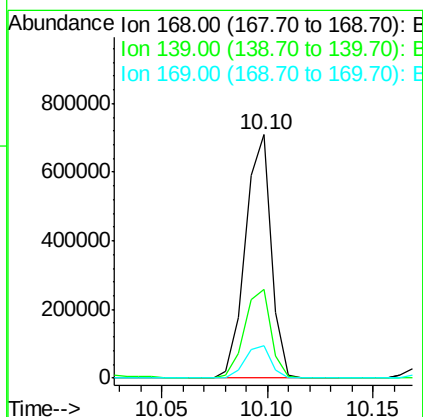
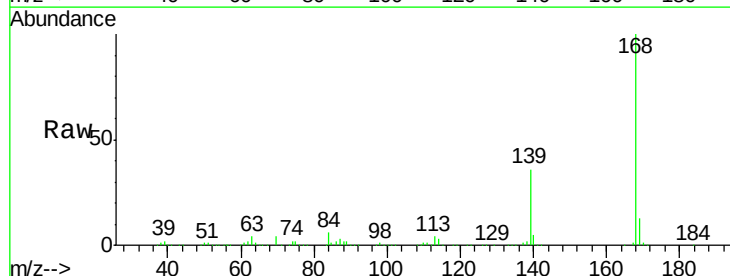
Instrument :
BNA_F
ClientSampled :

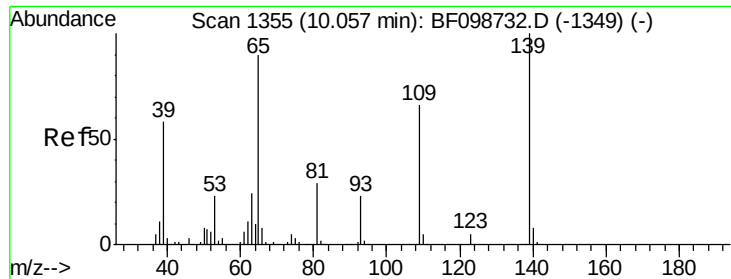
Tot Ion:184 Resp: 25610
Ion Ratio Lower Upper
184 100
63 54.2 54.2 81.2
154 58.7 53.5 80.3



#54
Dibenzofuran
Concen: 40.45 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:168 Resp: 600656
Ion Ratio Lower Upper
168 100
139 36.4 30.1 45.1
169 13.2 10.9 16.3

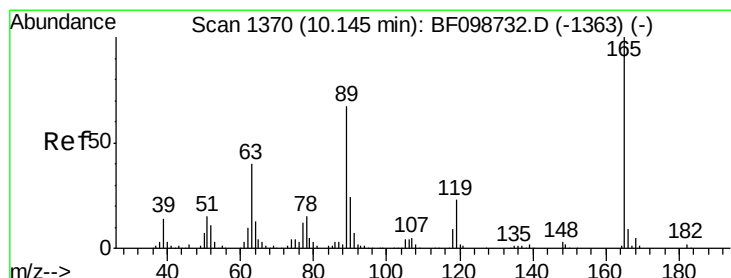
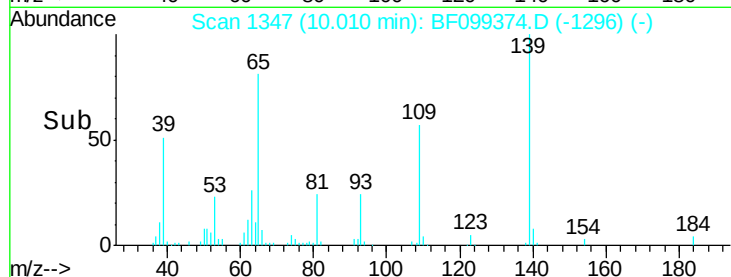
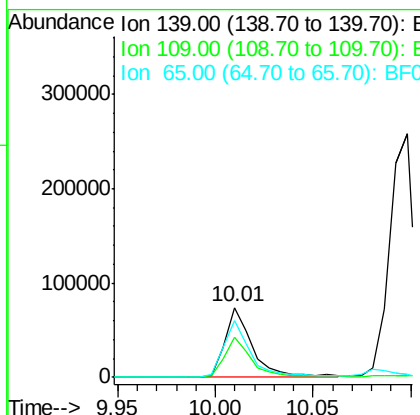
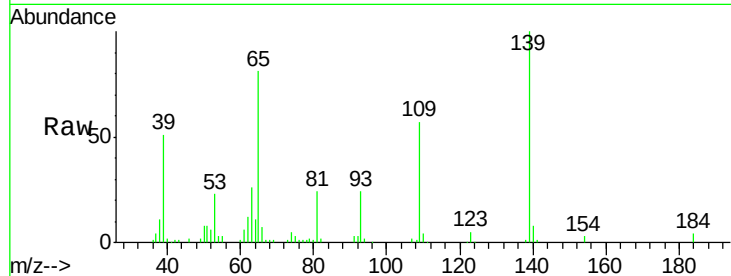




#55
4-Nitrophenol
Concen: 24.97 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

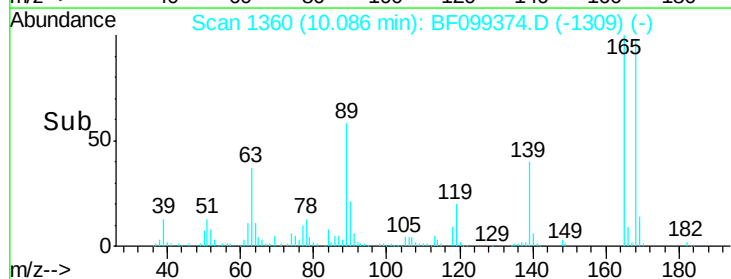
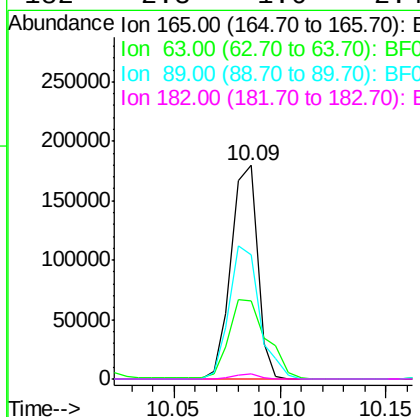
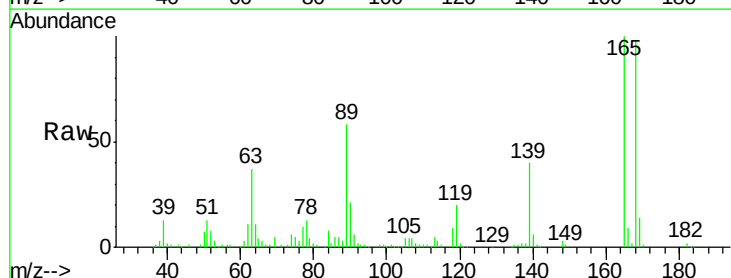
Instrument :
BNA_F
ClientSampleId :

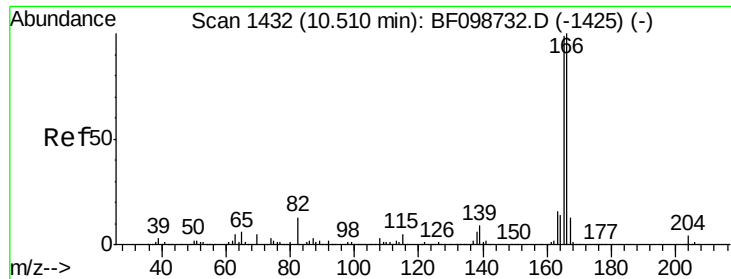
Tot Ion:139 Resp: 72096
Ion Ratio Lower Upper
139 100
109 56.9 48.4 88.4
65 80.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.98 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:165 Resp: 155768
Ion Ratio Lower Upper
165 100
63 36.6 36.4 54.6
89 58.3 57.8 86.6
182 2.3 1.6 2.4

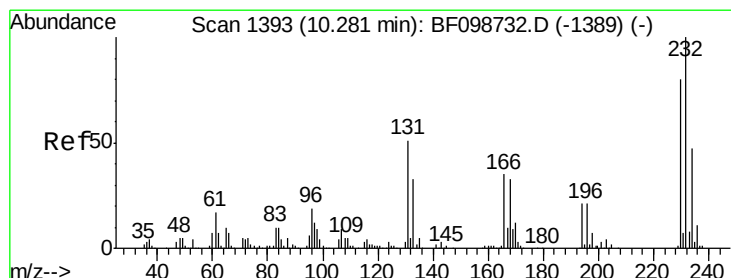
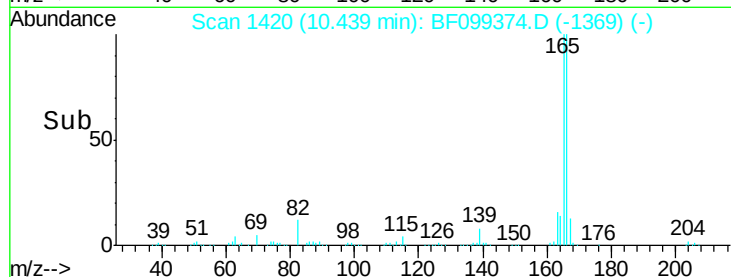
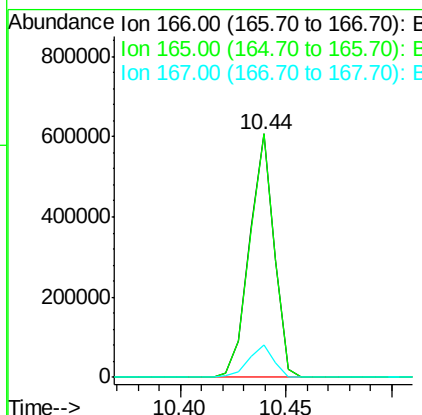
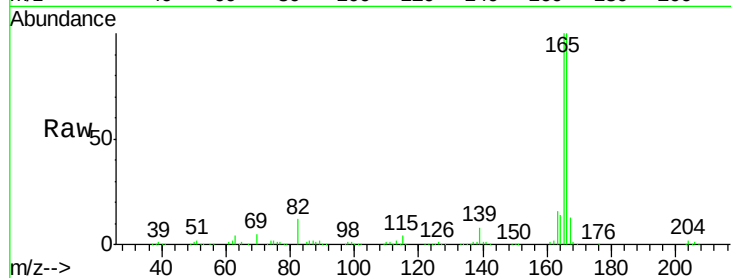




#57
 Fluorene
 Concen: 41.35 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

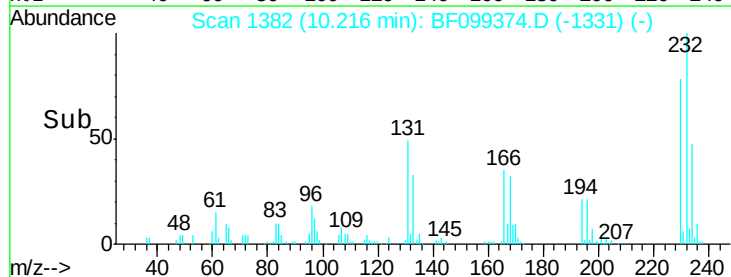
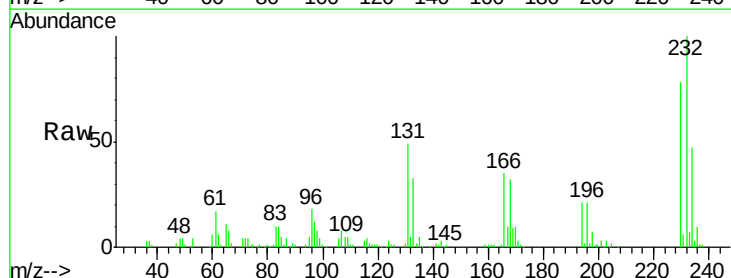
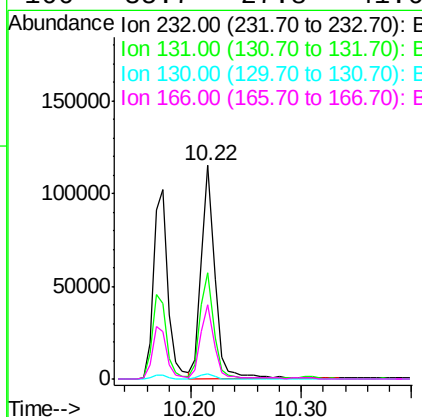
Instrument :
 BNA_F
 ClientSampleId :

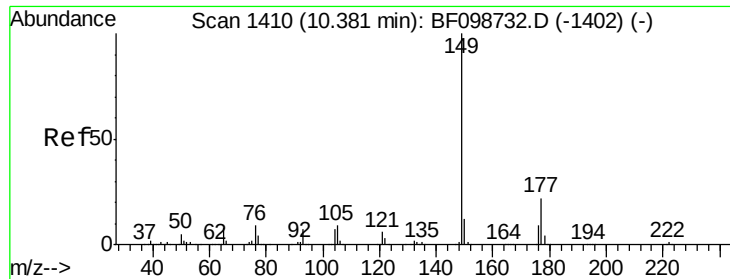
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.04 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.1	43.8	65.8
130	2.5	2.1	3.1
166	35.7	27.8	41.6





#59

Diethylphthalate

Concen: 38.78 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

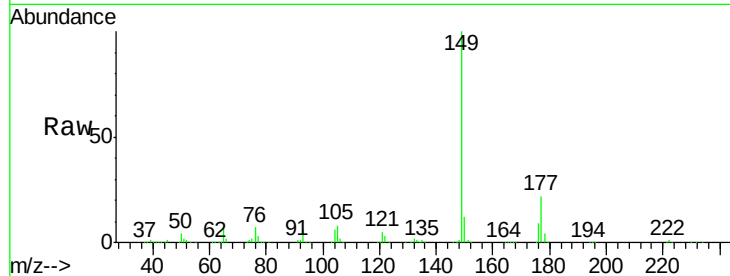
Tot Ion:149 Resp: 509779

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

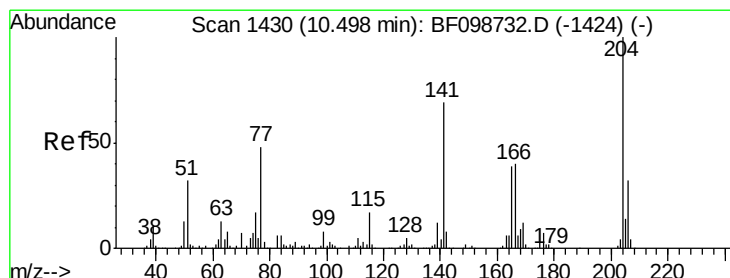
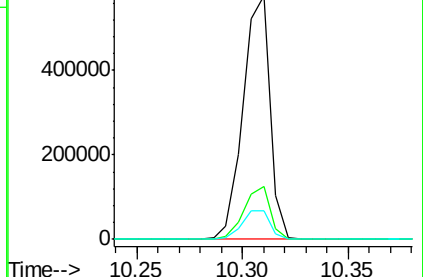
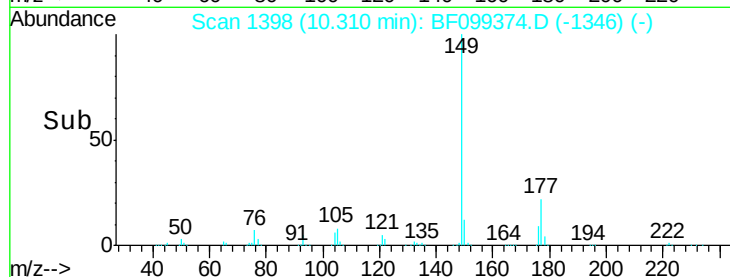
150 11.9 10.1 15.1



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: 41.03 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

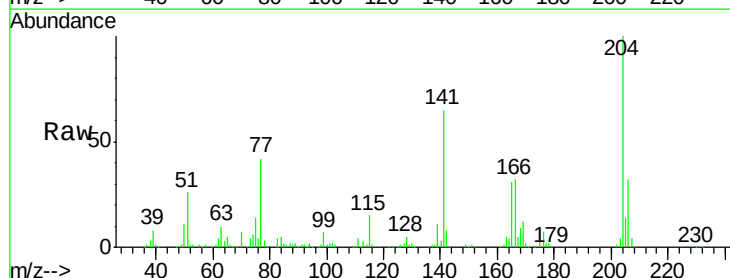
Tgt Ion:204 Resp: 219963

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

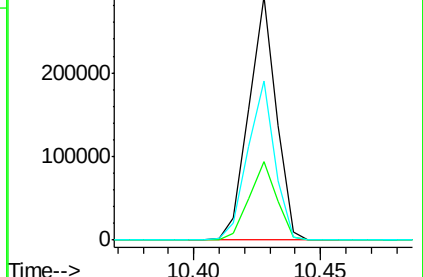
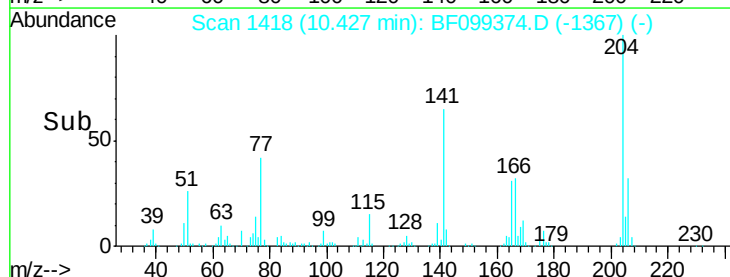
141 65.2 54.6 81.8

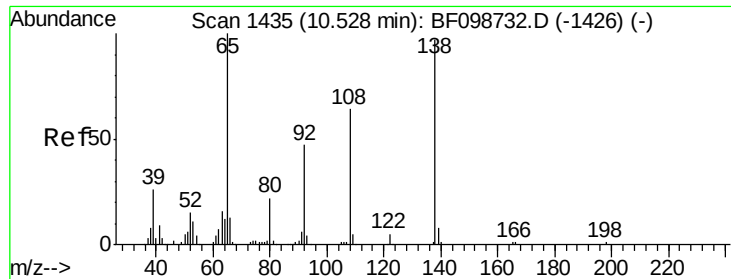


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

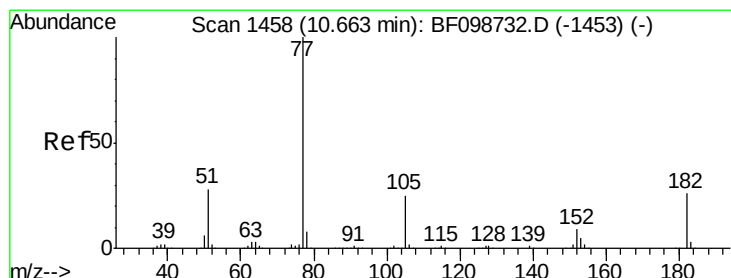
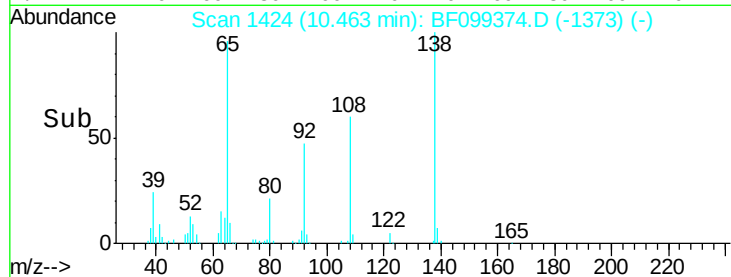
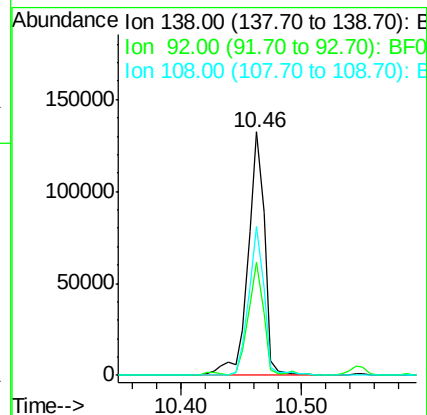
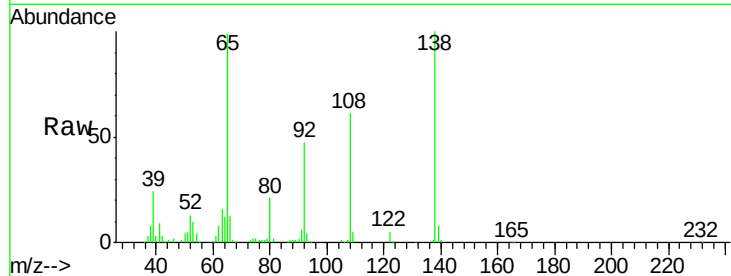




#61
4-Nitroaniline
Concen: 38.85 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

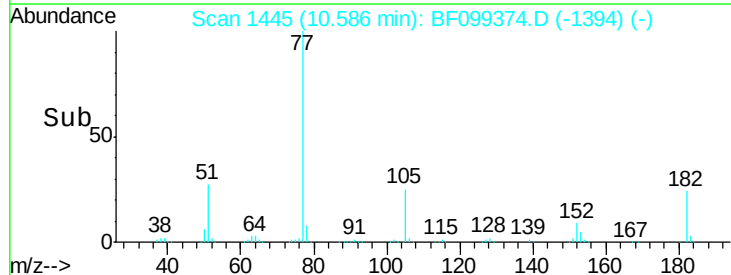
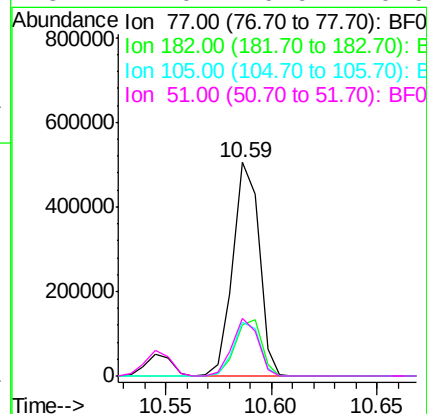
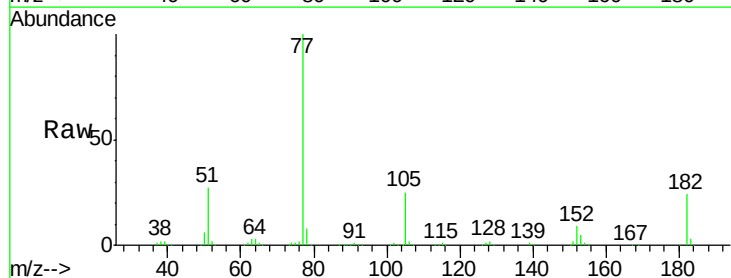
Instrument :
BNA_F
ClientSampleId :

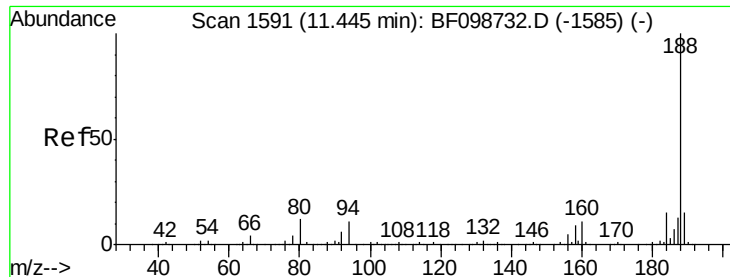
Tot Ion:138 Resp: 127982
Ion Ratio Lower Upper
138 100
92 46.6 30.2 70.2
108 61.1 52.5 92.5



#62
Azobenzene
Concen: 35.76 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion: 77 Resp: 432146
Ion Ratio Lower Upper
77 100
182 23.9 1.7 41.7
105 25.2 3.0 43.0
51 27.0 9.9 49.9

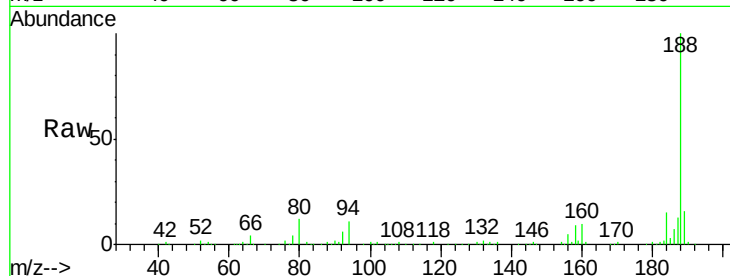




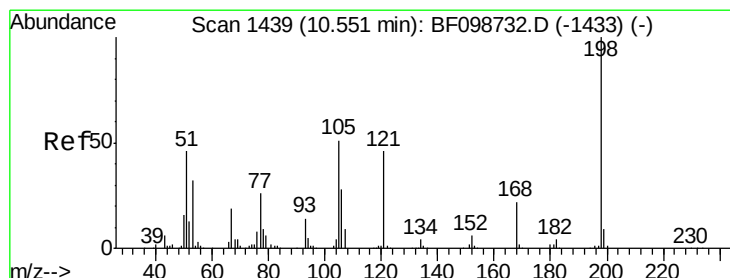
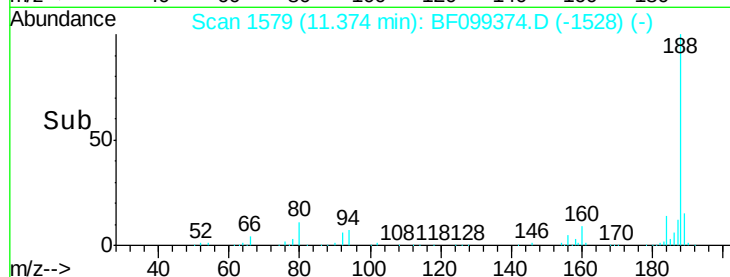
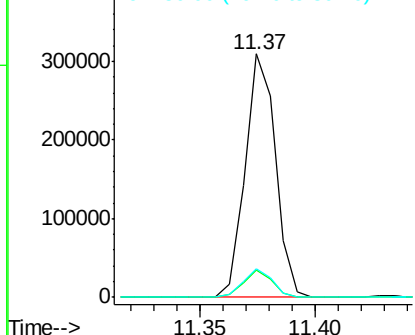
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 284551
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8

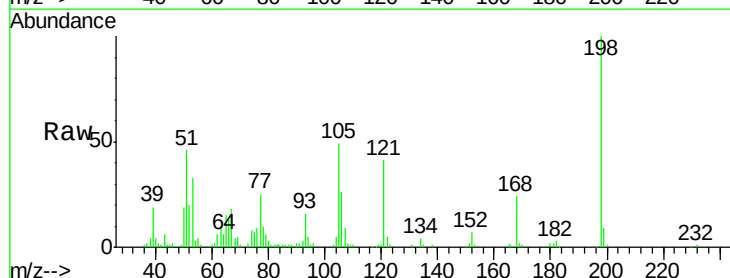


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

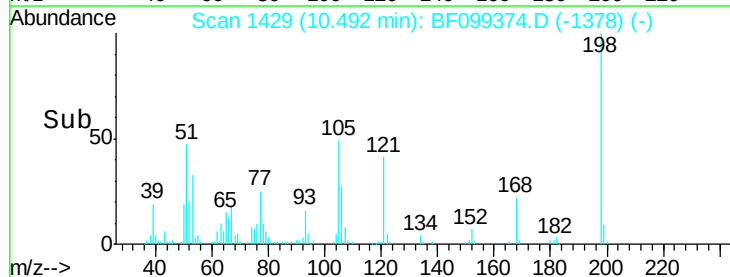
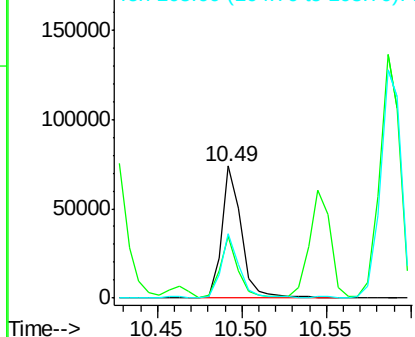


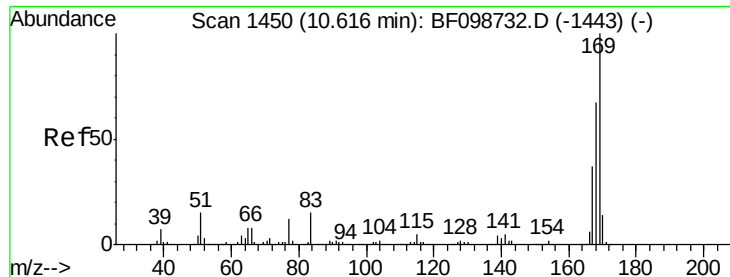
#64
4,6-Dinitro-2-methylphenol
Concen: 34.62 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:198 Resp: 59944
Ion Ratio Lower Upper
198 100
51 46.5 37.7 77.7
105 48.6 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

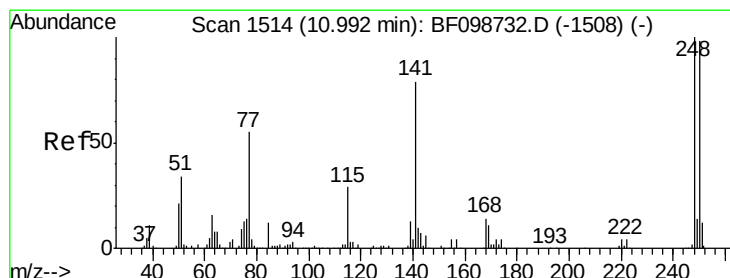
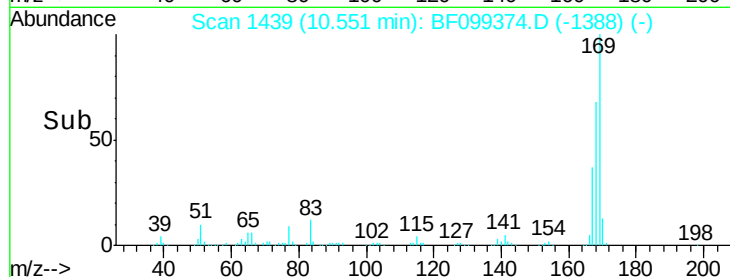
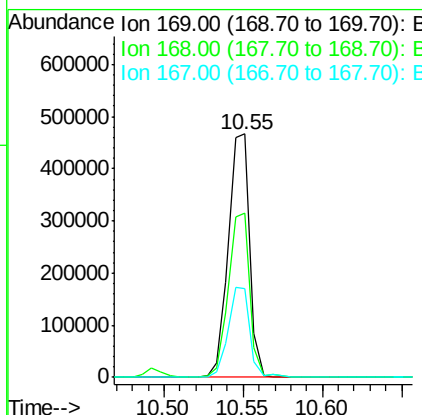
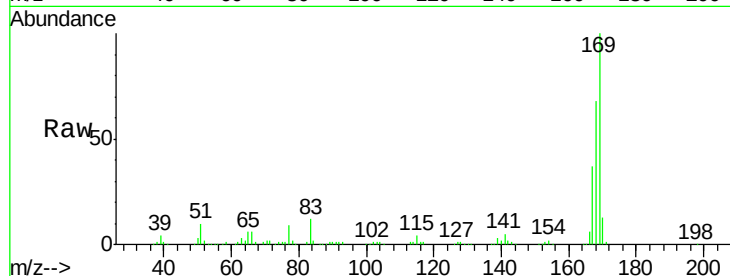




#65
 n-Nitrosodiphenylamine
 Concen: 44.05 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

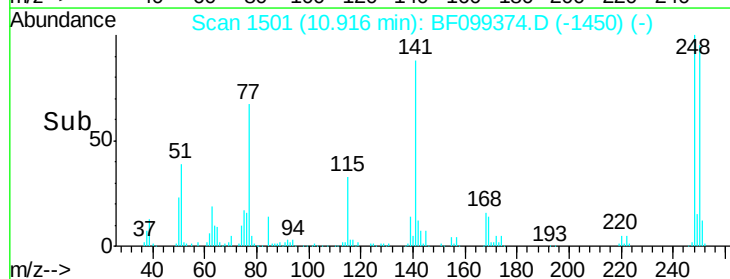
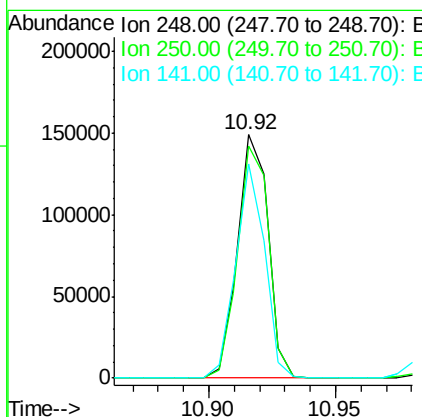
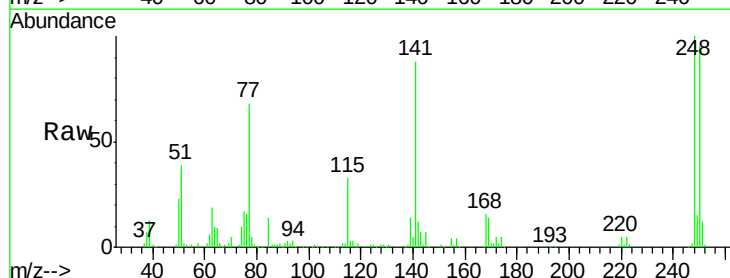
Instrument :
 BNA_F
 ClientSampleId :

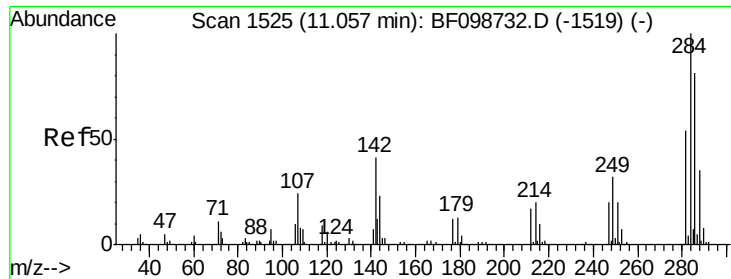
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.4	81.6
167	36.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.89 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.9	115.3
141	88.0	74.4	111.6

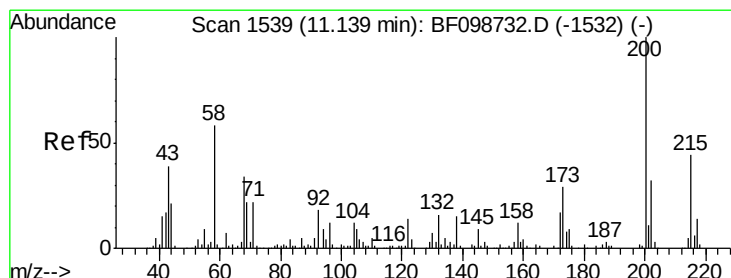
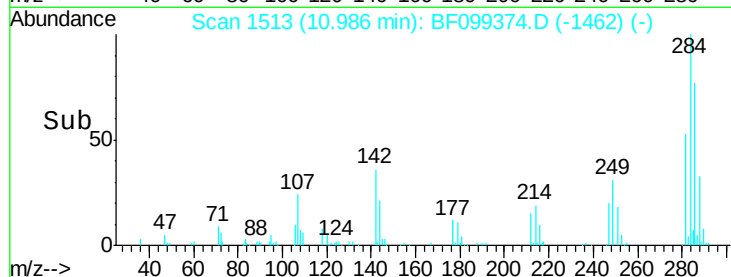
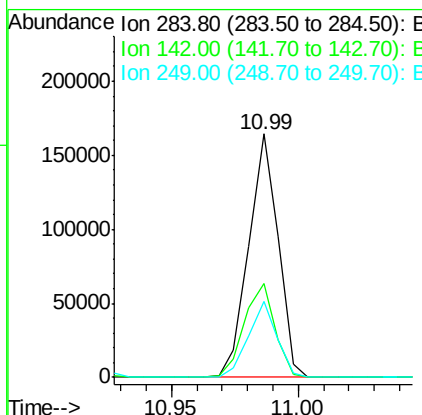
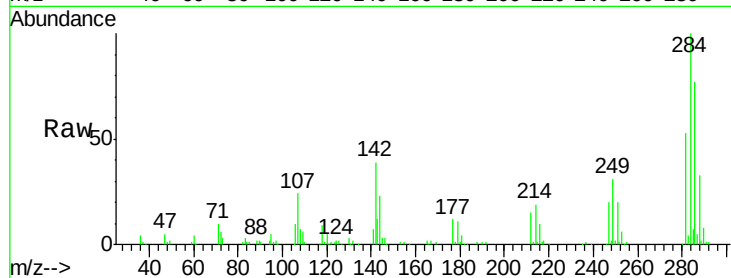




#67
Hexachlorobenzene
Concen: 44.84 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

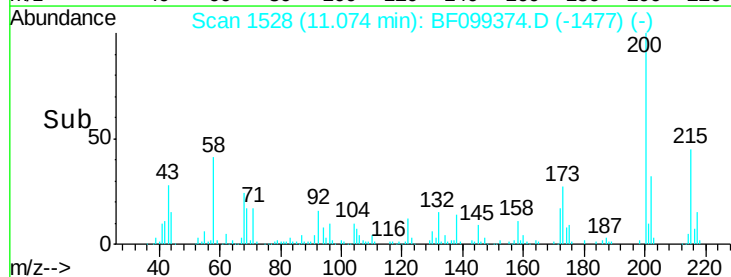
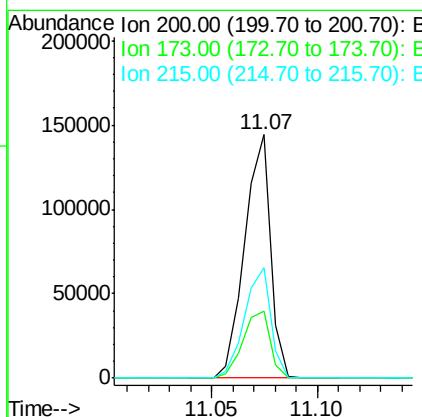
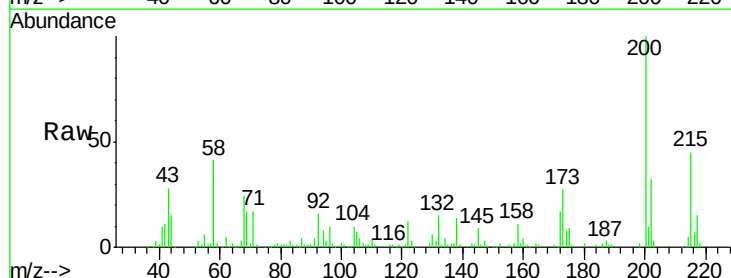
Instrument :
BNA_F
ClientSampleId :

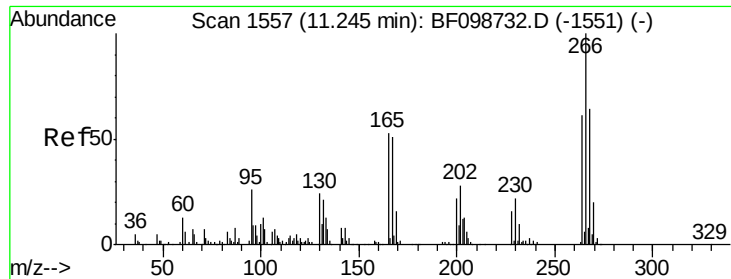
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.7	34.6	52.0
249	31.4	24.8	37.2



#68
Atrazine
Concen: 41.44 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.6	48.6
215	45.5	25.1	65.1

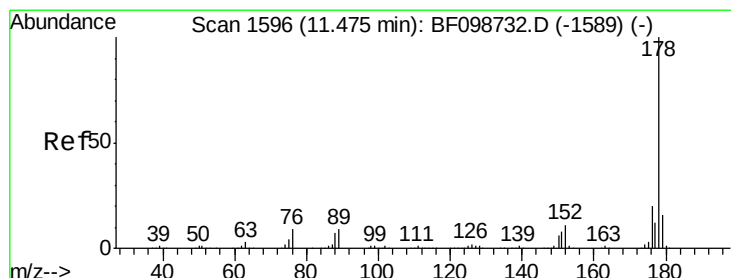
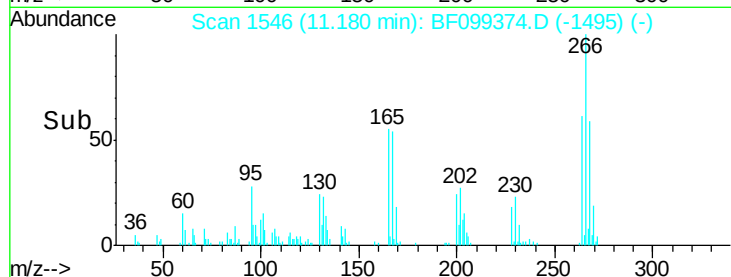
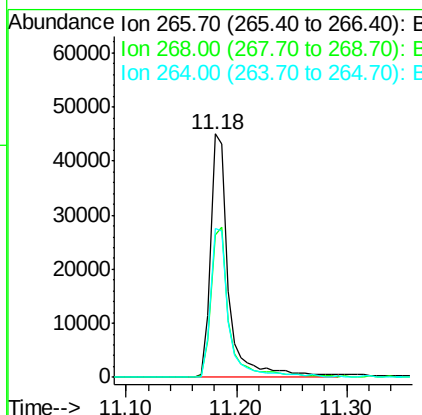
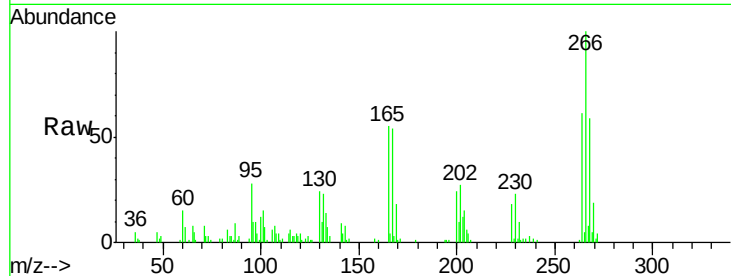




#69
 Pentachlorophenol
 Concen: 27.25 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

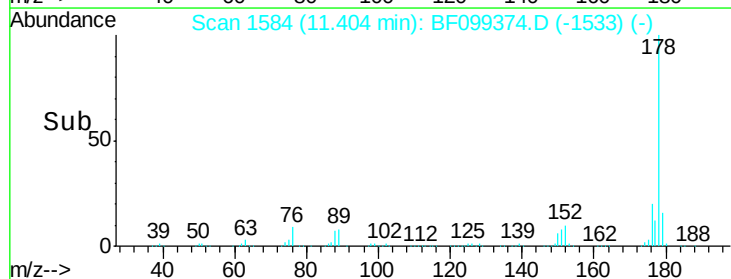
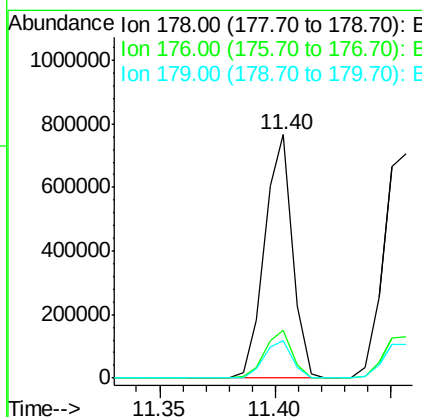
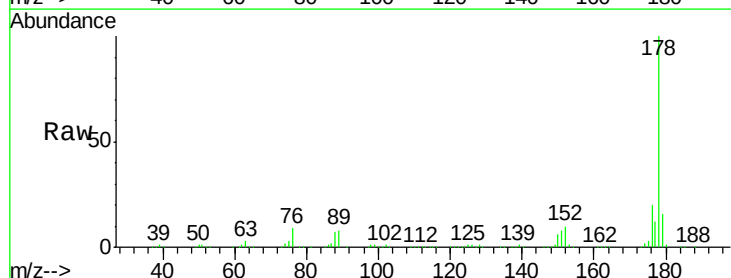
Instrument :
 BNA_F
 ClientSampleId :

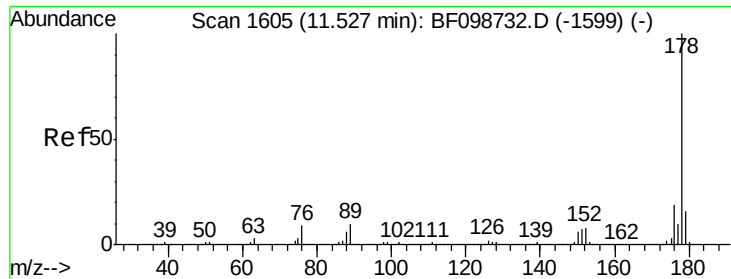
Tot Ion:266 Resp: 50448
 Ion Ratio Lower Upper
 266 100
 268 58.8 51.1 76.7
 264 61.2 49.5 74.3



#70
 Phenanthrene
 Concen: 42.03 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion:178 Resp: 640207
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.7 13.0 19.6

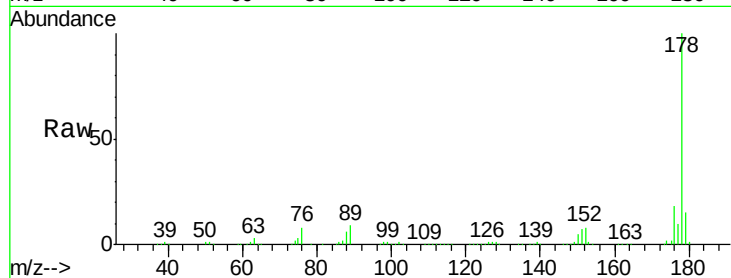




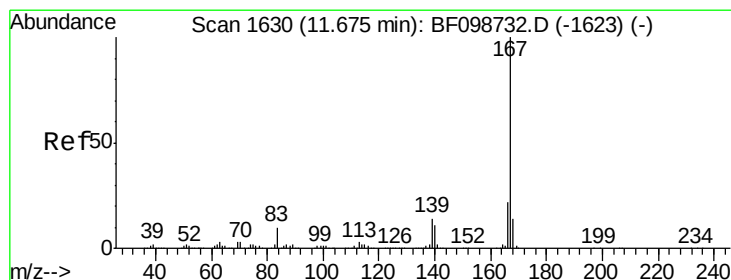
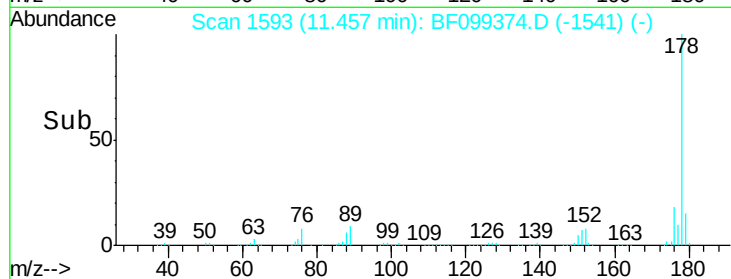
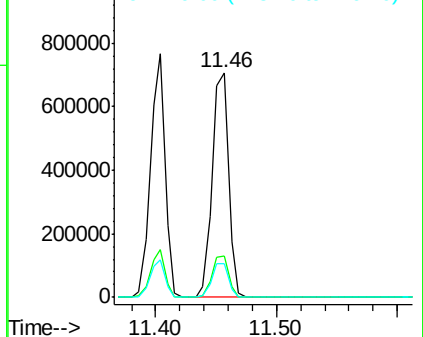
#71
 Anthracene
 Concen: 42.28 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 658854
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.1 12.6 19.0

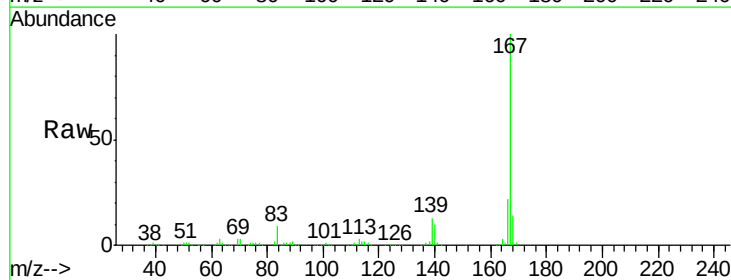


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

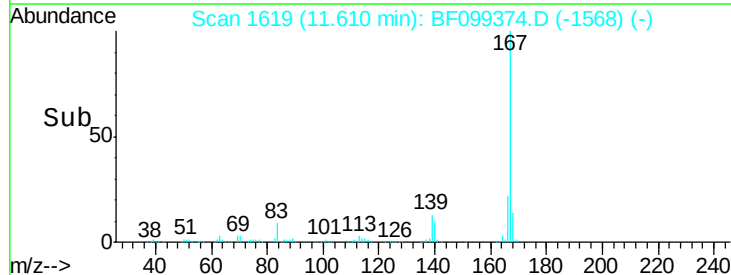
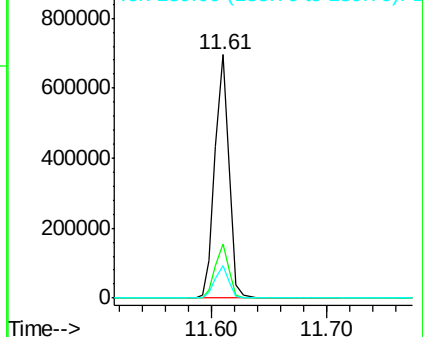


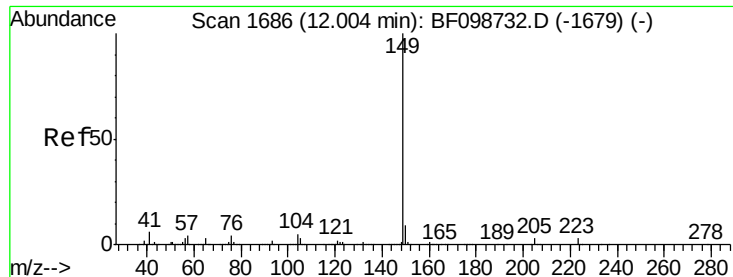
#72
 Carbazole
 Concen: 38.54 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion:167 Resp: 588154
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.89 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampled :

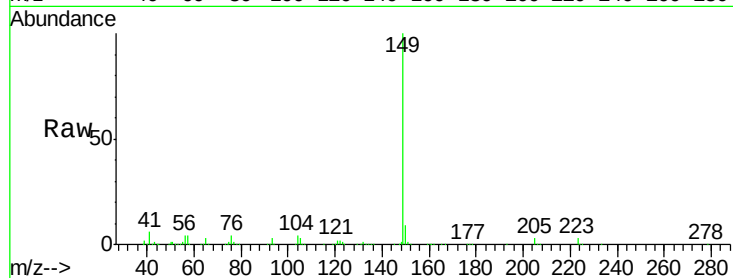
Tot Ion:149 Resp: 732703

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

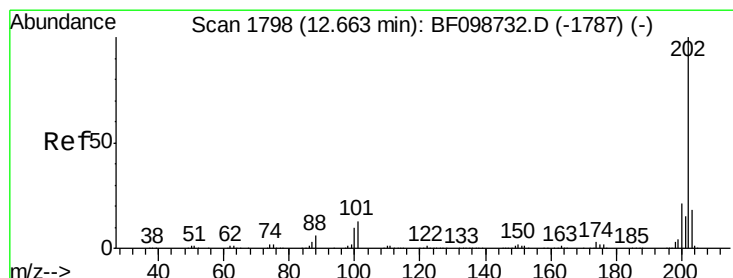
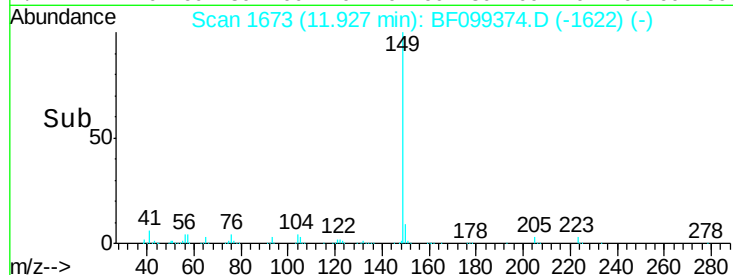
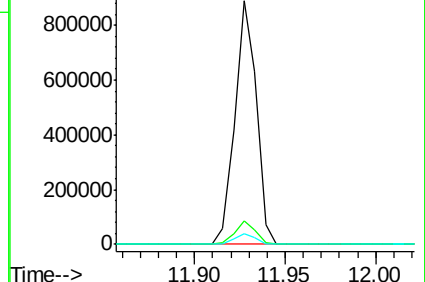
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.33 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

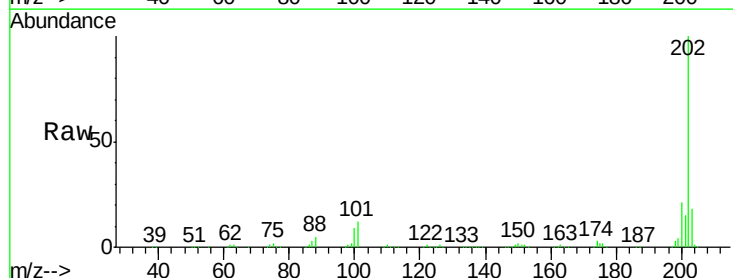
Tgt Ion:202 Resp: 560310

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

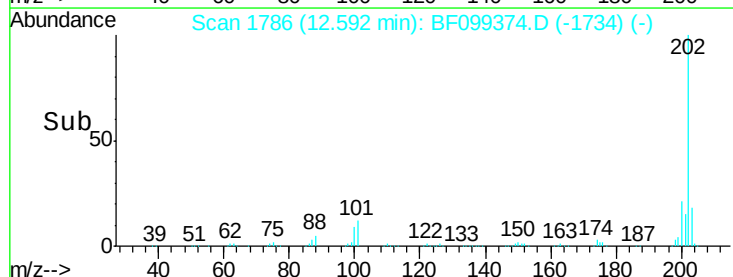
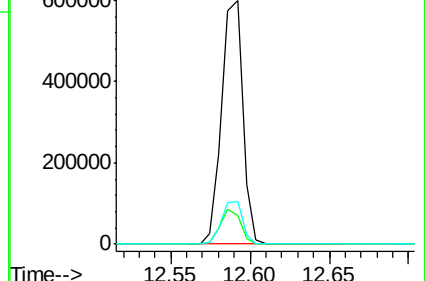
203 17.5 0.0 38.1

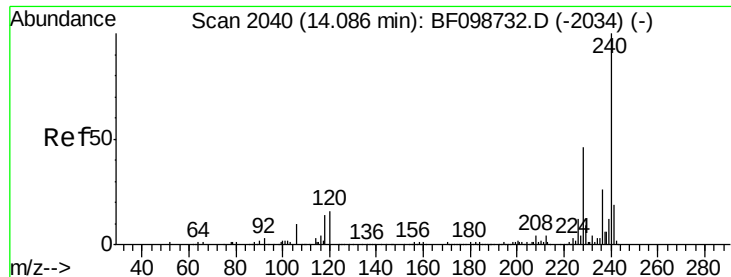


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

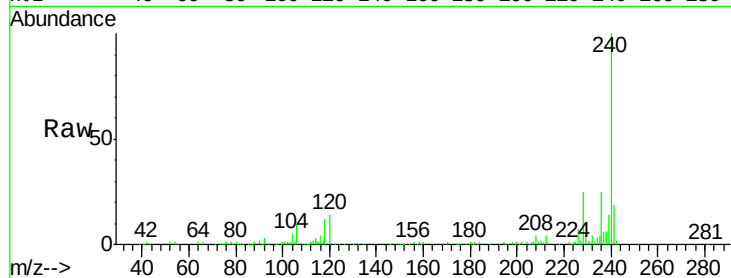
Tot Ion:240 Resp: 134892

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

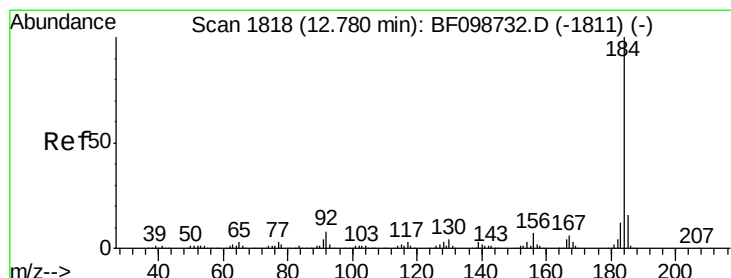
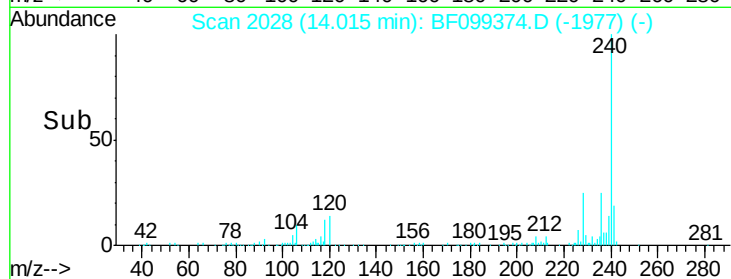
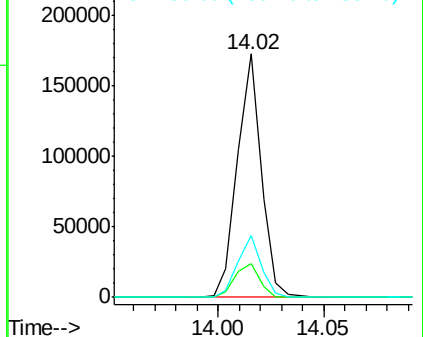
236 25.3 20.7 31.1



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: 41.14 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

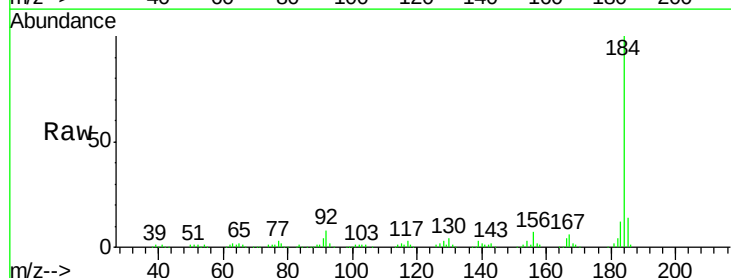
Tgt Ion:184 Resp: 205265

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

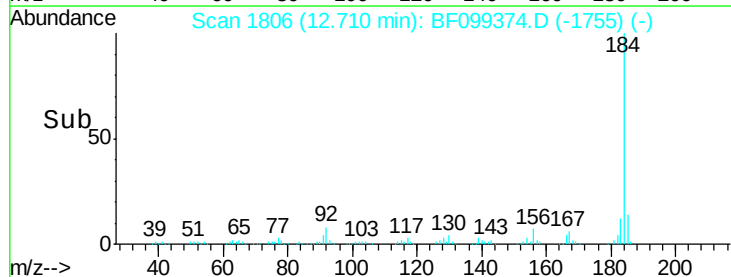
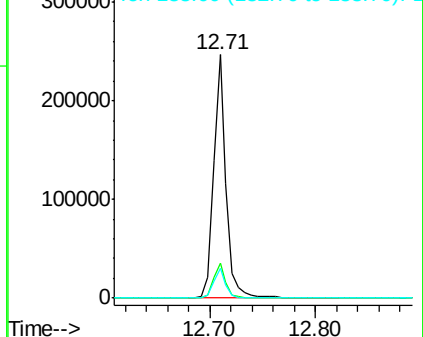
183 12.1 9.3 13.9

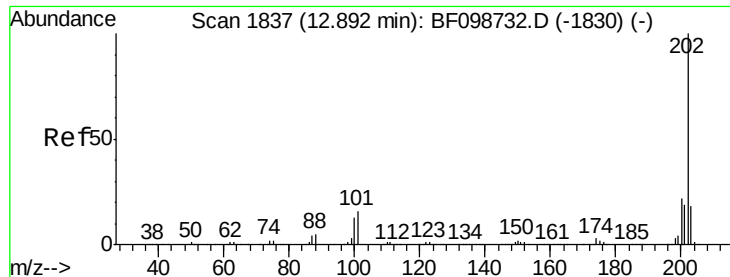


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

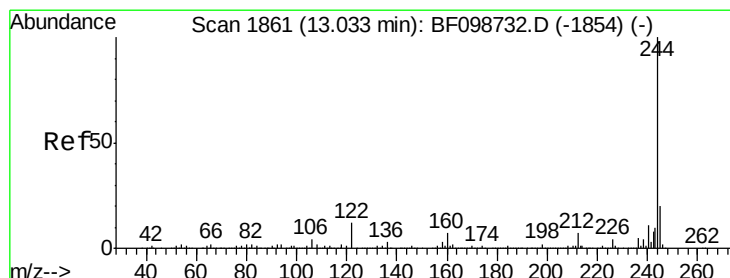
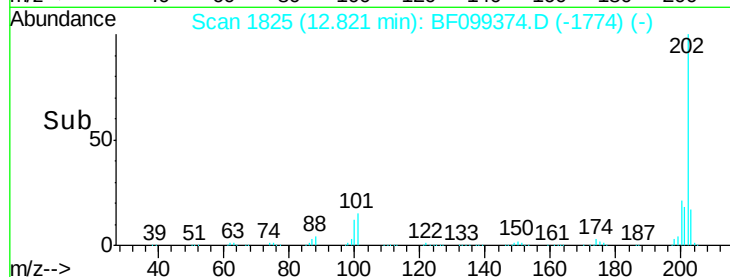
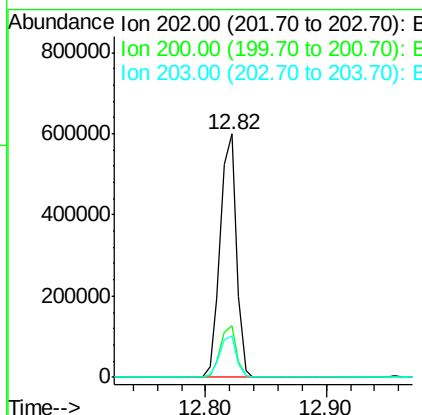
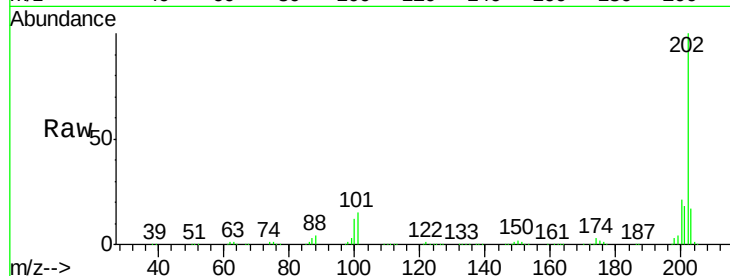




#77
 Pvrene
 Concen: 53.81 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

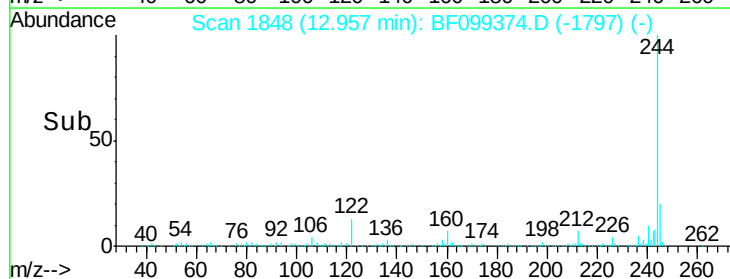
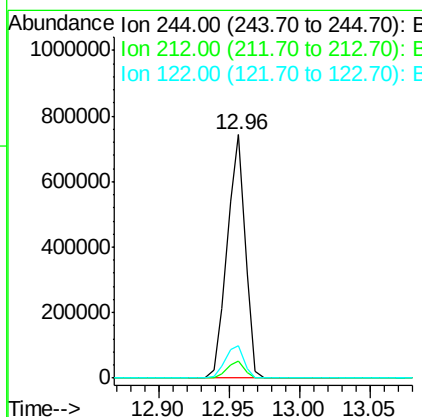
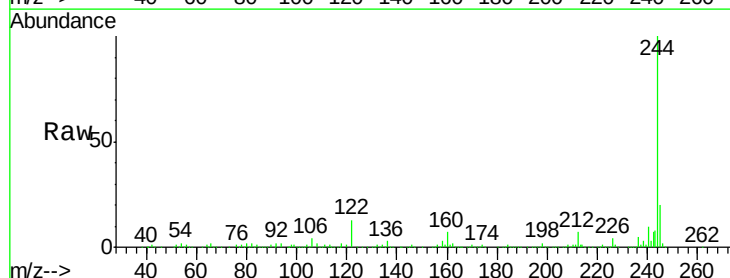
Instrument :
 BNA_F
 ClientSampleId :

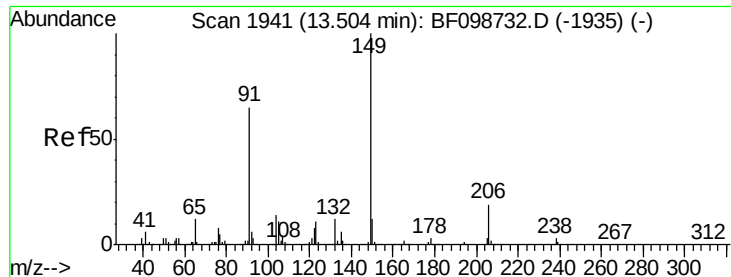
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.0	14.3	21.5



#78
 Terphenyl-d14
 Concen: 111.28 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4

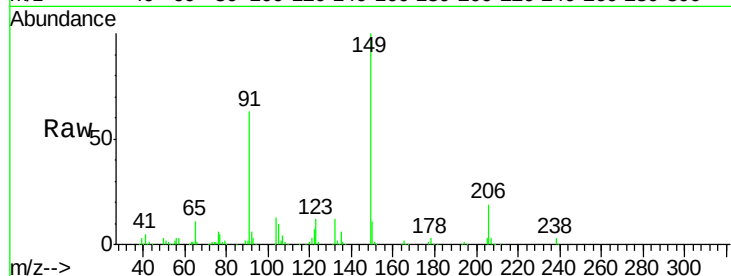




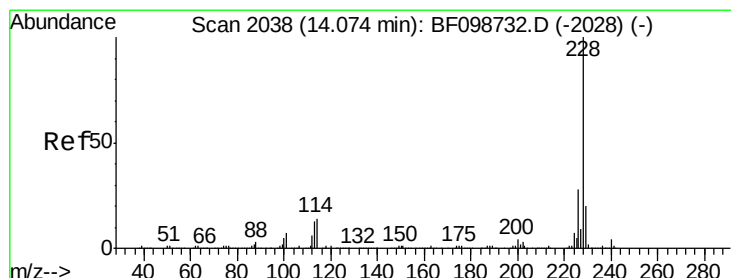
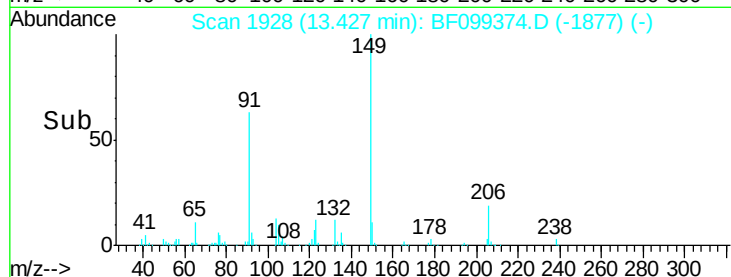
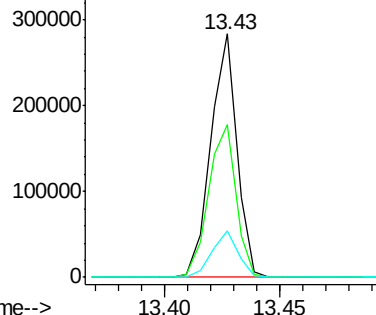
#79
Butylbenzylphthalate
Concen: 46.45 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 224527
Ion Ratio Lower Upper
149 100
91 62.5 56.8 85.2
206 19.0 14.1 21.1

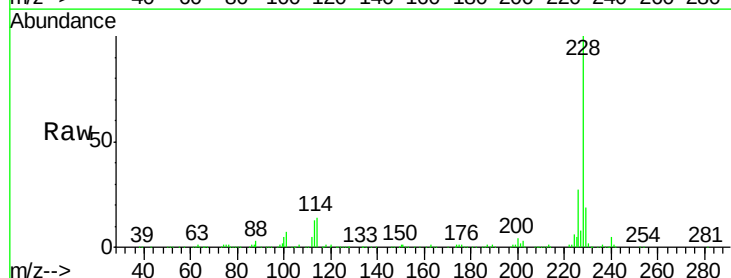


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

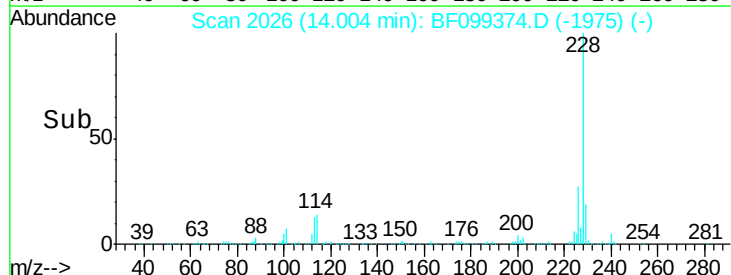
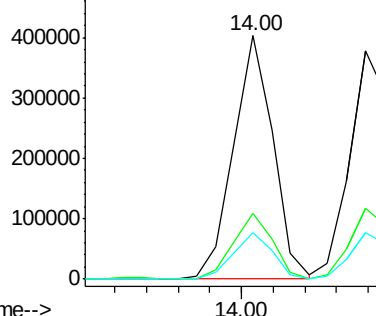


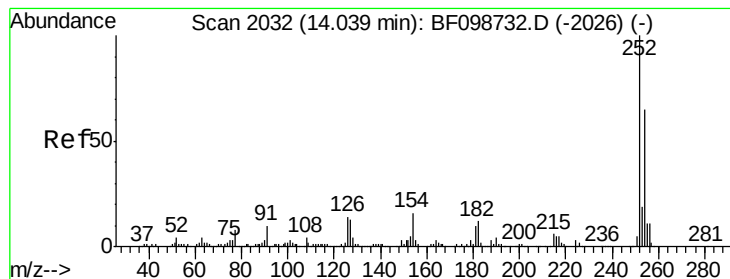
#80
Benzo(a)anthracene
Concen: 42.88 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:228 Resp: 350275
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 42.33 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

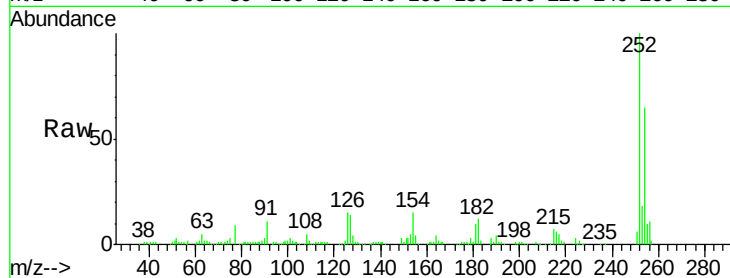
Tot Ion:252 Resp: 126737

Ion Ratio Lower Upper

252 100

254 64.9 50.4 75.6

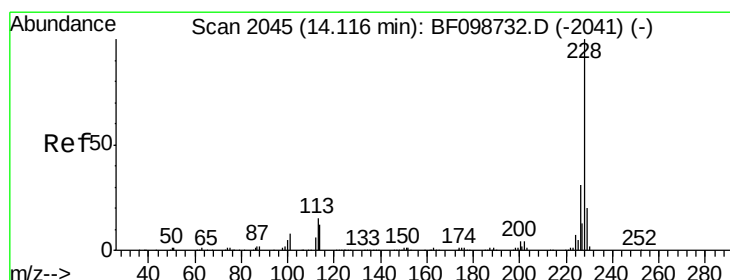
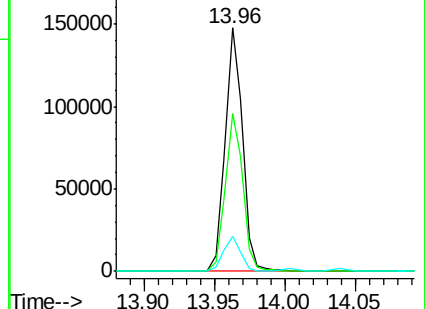
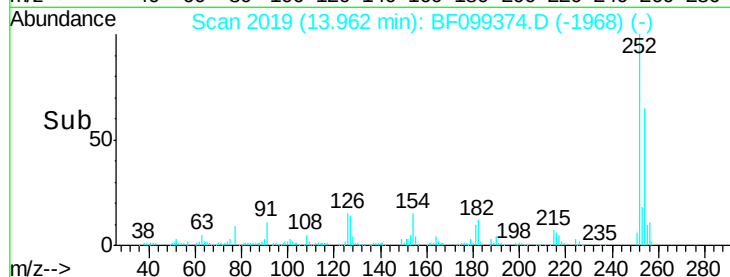
126 14.6 11.3 16.9



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: 43.42 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

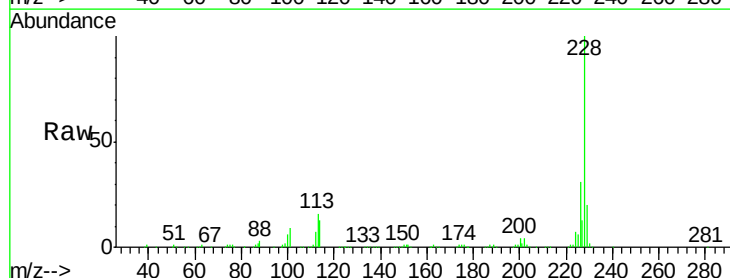
Tgt Ion:228 Resp: 337681

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

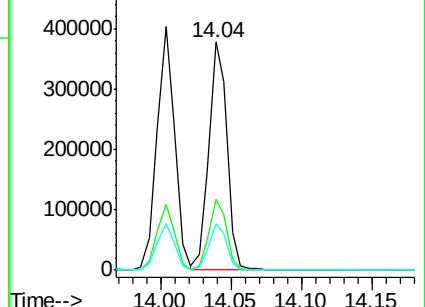
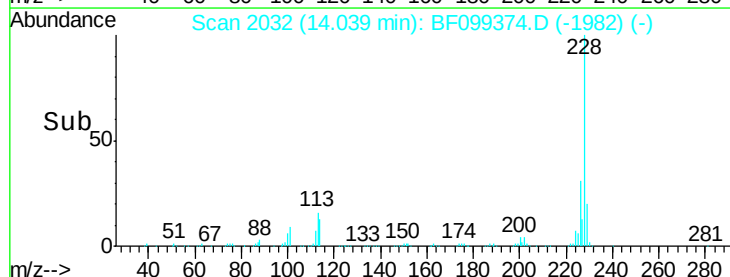
229 20.1 16.2 24.4

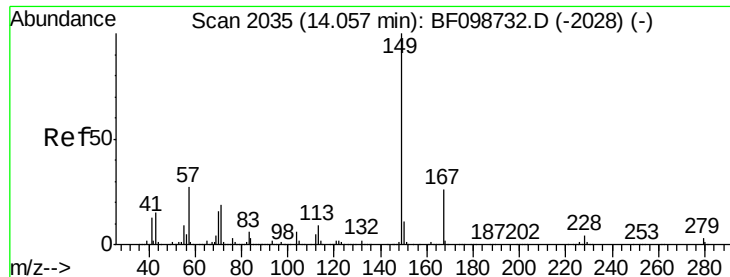


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.12 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

Instrument :

BNA_F

ClientSampleId :

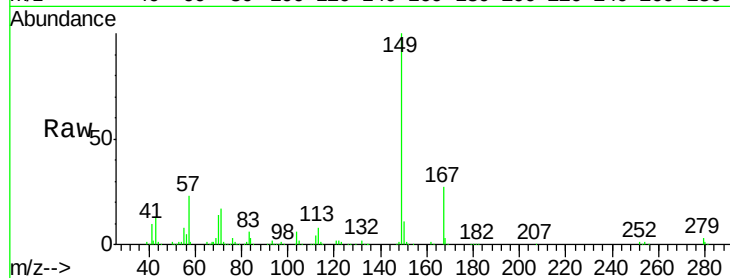
Tot Ion:149 Resp: 267067

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

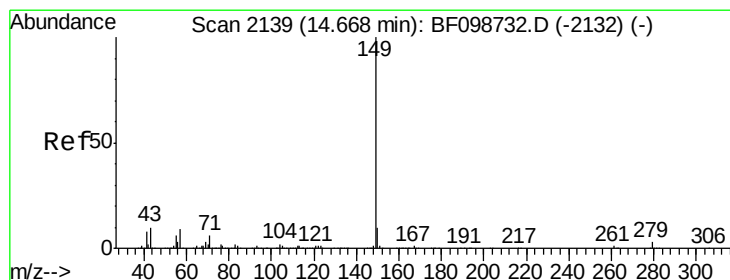
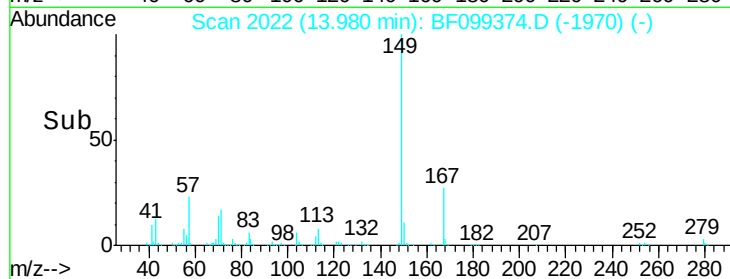
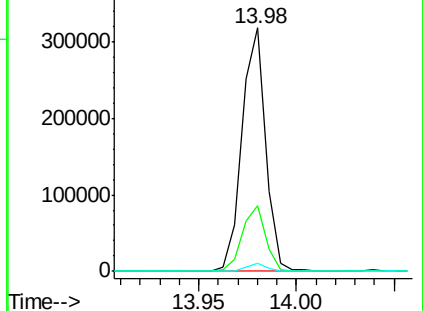
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.28 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099374.D

Acq: 12 Oct 2017 5:51

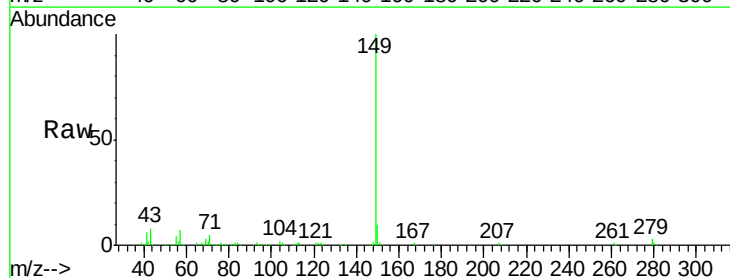
Tgt Ion:149 Resp: 378177

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

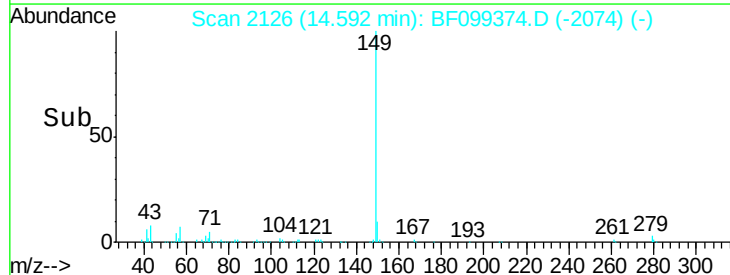
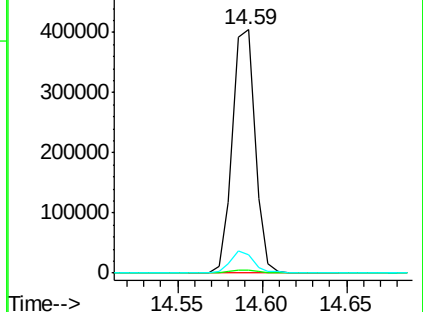
43 10.2 8.4 12.6

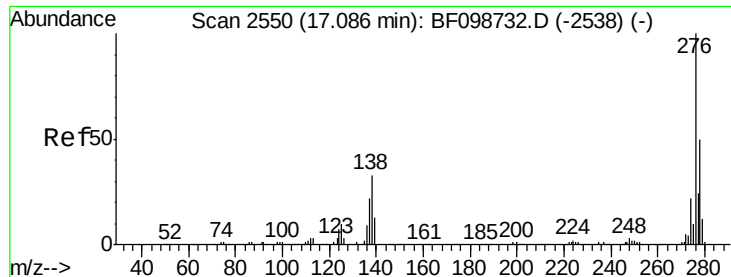


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

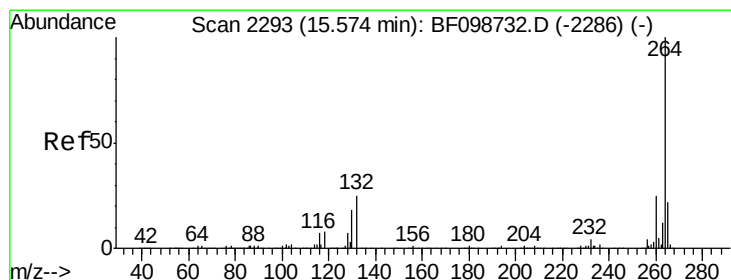
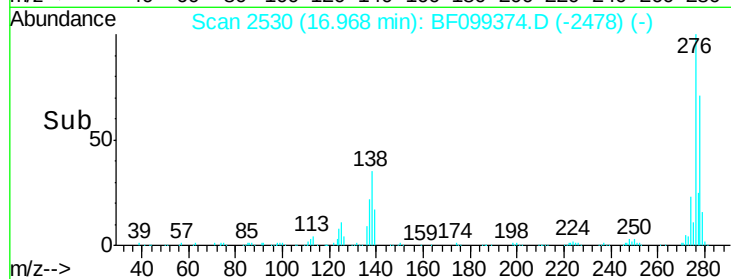
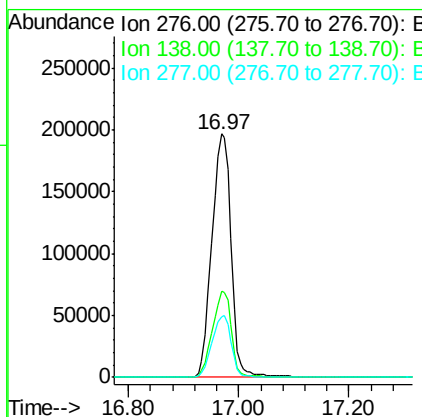
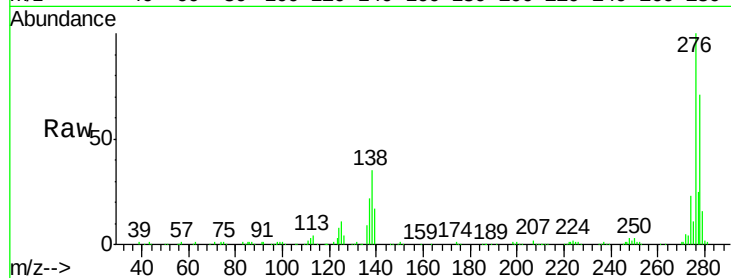




#85
Indeno(1,2,3-cd)pyrene
Concen: 76.92 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

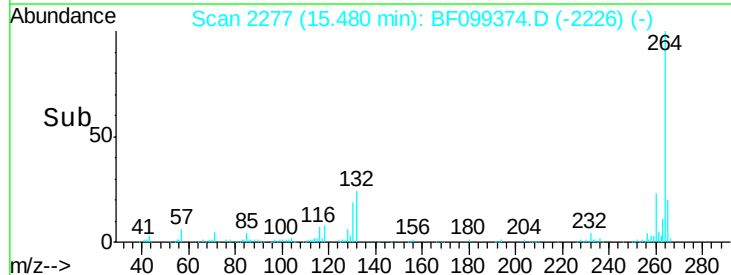
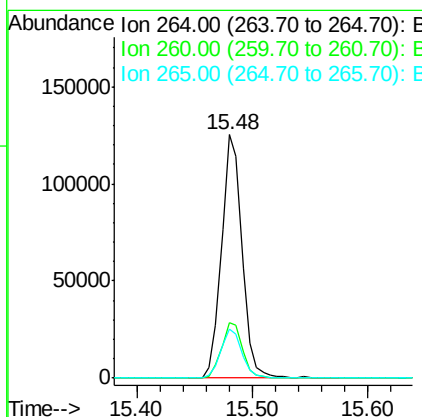
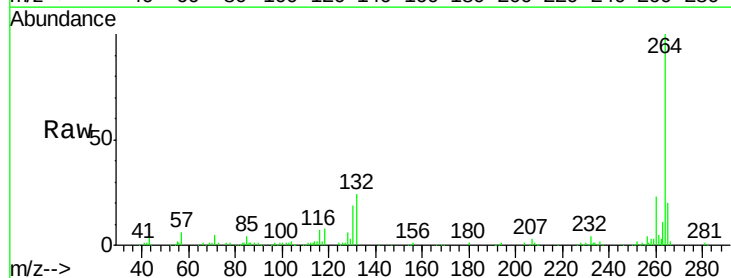
Instrument :
BNA_F
ClientSampled :

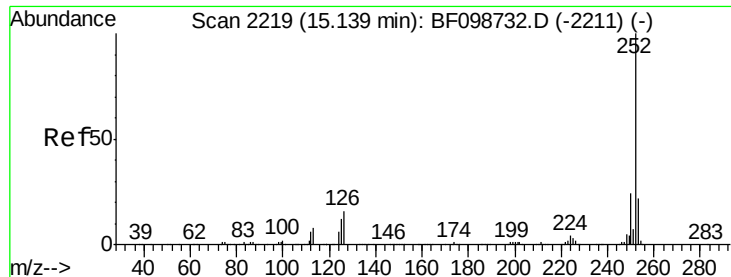
Tot Ion:276 Resp: 478520
Ion Ratio Lower Upper
276 100
138 34.9 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:264 Resp: 154576
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 20.4 17.5 26.3

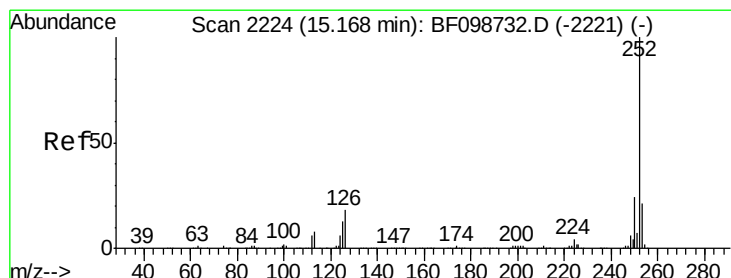
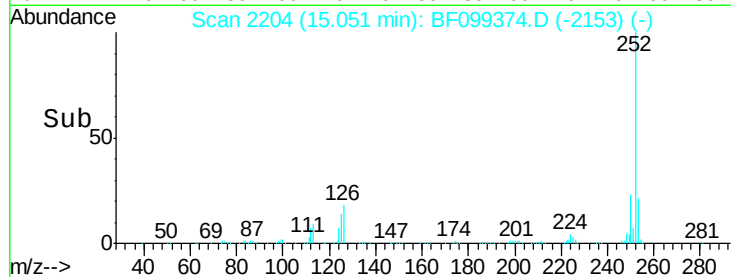
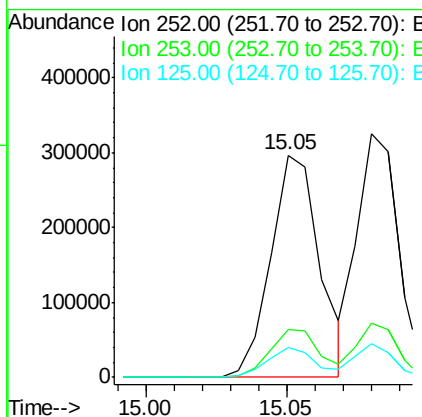
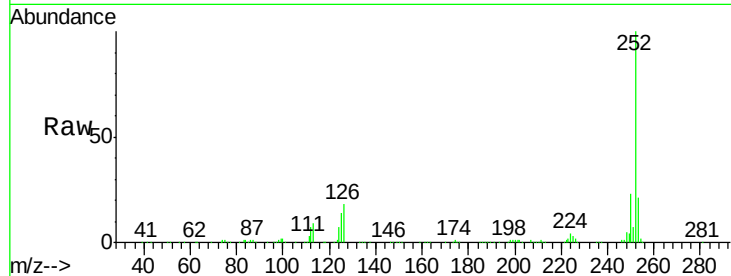




#87
Benzo(b)fluoranthene
Concen: 37.69 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

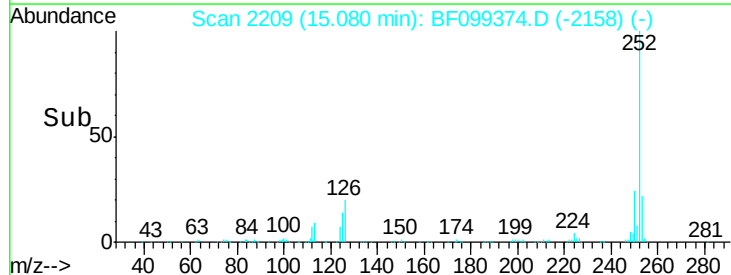
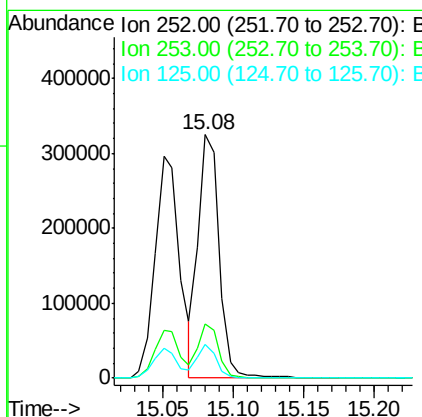
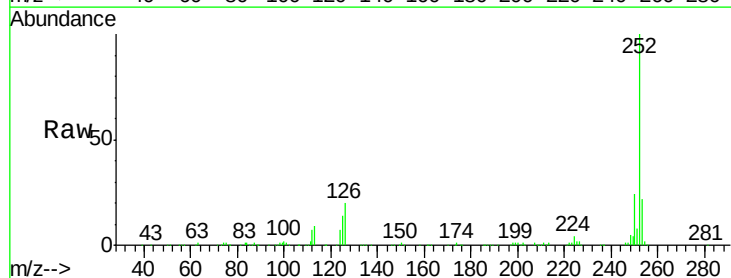
Instrument :
BNA_F
ClientSampleId :

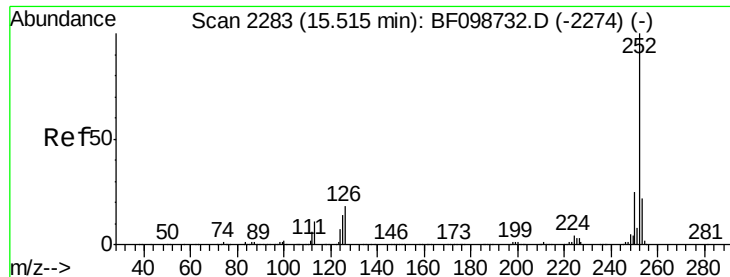
Tot Ion:252 Resp: 358225
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.76 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:252 Resp: 335726
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.9 10.2 15.2

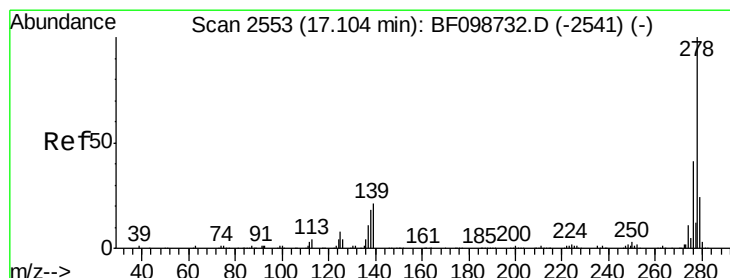
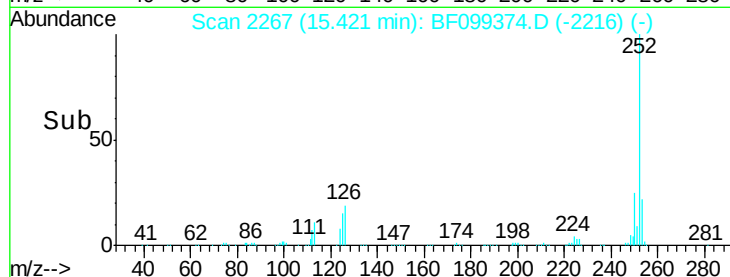
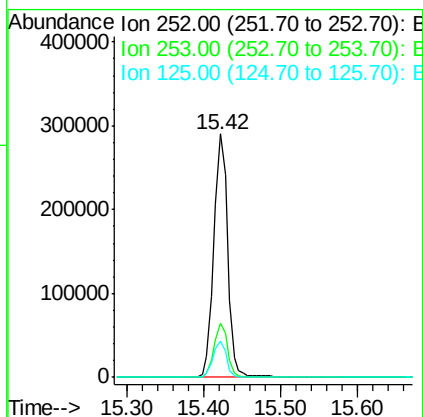
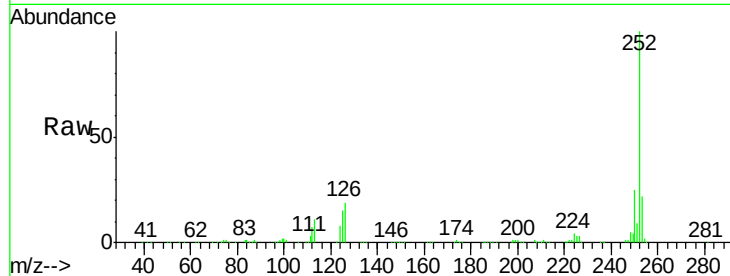




#89
Benzo(a)pyrene
Concen: 40.99 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

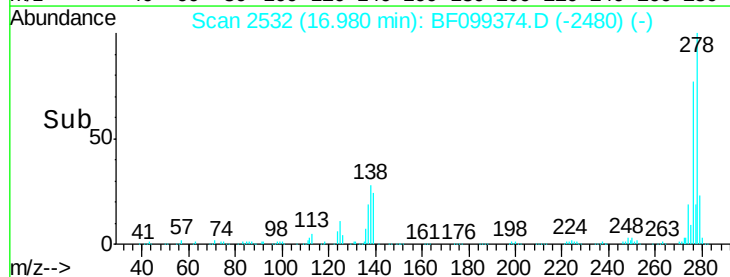
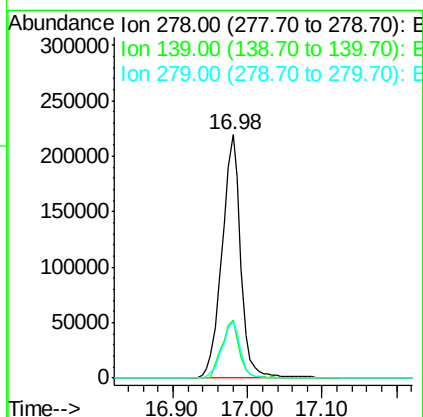
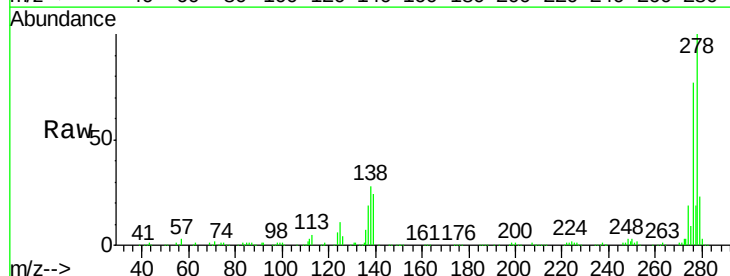
Instrument :
BNA_F
ClientSampleId :

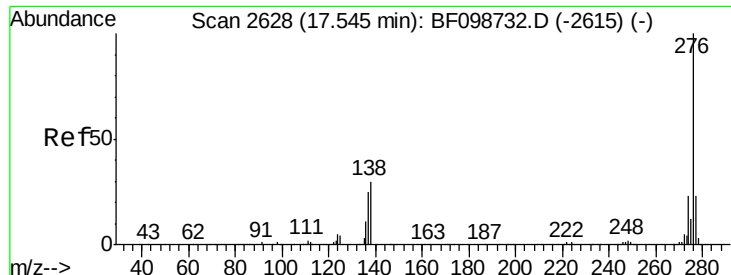
Tot Ion:252 Resp: 357630
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 55.09 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099374.D
Acq: 12 Oct 2017 5:51

Tgt Ion:278 Resp: 384634
Ion Ratio Lower Upper
278 100
139 23.8 15.9 23.9
279 23.1 19.0 28.4

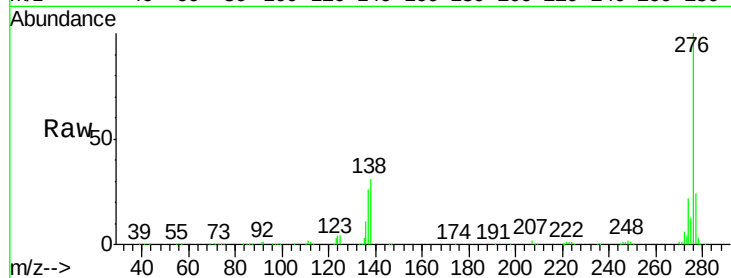




#91
 Benzo(a,h,i)perylene
 Concen: 59.66 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099374.D
 Acq: 12 Oct 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	31.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

