

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099359.D
 Acq On : 11 Oct 2017 22:05
 Operator : SJ/JU
 Sample : I5710-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:52:25 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	106047	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	433364	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	193992	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	326921	20.00	ng	0.00
75) Chrysene-d12	14.02	240	166044	20.00	ng	0.00
86) Perylene-d12	15.48	264	163119	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	899401	135.01	ng	0.02
7) Phenol-d6	6.49	99	1085696	132.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	661473	97.89	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	216612	136.46	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1093342	94.09	ng	0.00
78) Terphenyl-d14	12.96	244	796341	109.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	127994	40.22	ng	96
3) Pyridine	3.50	79	131351	15.26	ng	97
4) n-Nitrosodimethylamine	3.42	42	148504	40.68	ng	# 78
6) Aniline	6.52	93	390492	35.21	ng	97
8) 2-Chlorophenol	6.65	128	352766	46.76	ng	92
9) Benzaldehyde	6.40	77	132326	27.76	ng	95
10) Phenol	6.50	94	463373	50.42	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	330368	46.24	ng	98
12) 1,3-Dichlorobenzene	6.79	146	380989	48.22	ng	97
13) 1,4-Dichlorobenzene	6.87	146	382397	47.57	ng	99
14) 1,2-Dichlorobenzene	7.02	146	349199	47.01	ng	99
15) Benzyl Alcohol	7.00	79	272202	45.15	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	467582	42.00	ng	93
17) 2-Methylphenol	7.11	107	292048	47.31	ng	98
18) Hexachloroethane	7.36	117	130308	45.10	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	217599	41.47	ng	93
20) 3+4-Methylphenols	7.26	107	340574	43.61	ng	# 80
22) Acetophenone	7.27	105	456235	43.45	ng	# 97
24) Nitrobenzene	7.44	77	347178	45.29	ng	96
25) Isophorone	7.68	82	651756	46.65	ng	98
26) 2-Nitrophenol	7.75	139	200653	54.43	ng	92
27) 2,4-Dimethylphenol	7.79	122	316270	45.43	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	419948	48.23	ng	100
29) 2,4-Dichlorophenol	8.00	162	297510	49.78	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	300789	50.32	ng	99
31) Naphthalene	8.16	128	983830	48.34	ng	99
32) Benzoic acid	7.92	122	145742	25.49	ng	93
33) 4-Chloroaniline	8.21	127	294412	34.64	ng	# 94
34) Hexachlorobutadiene	8.27	225	146482	47.57	ng	99
35) Caprolactam	8.59	113	40552	21.15	ng	88
36) 4-Chloro-3-methylphenol	8.69	107	305471	45.47	ng	97
37) 2-Methylnaphthalene	8.85	142	668235	50.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	267866	46.30	ng	99
40) Hexachlorocyclopentadiene	9.00	237	179244	67.80	ng	99

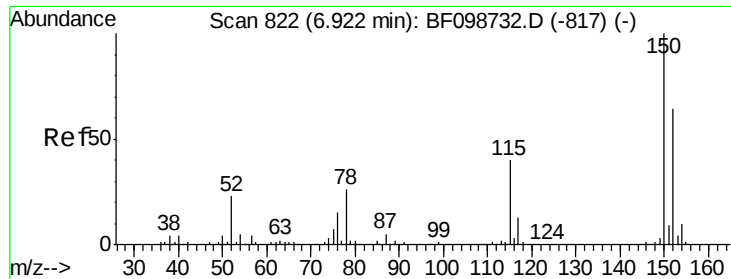
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	189629	46.27	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	200047	48.89	nq	# 92
45) 1,1'-Biphenyl	9.31	154	765982	45.94	nq	99
46) 2-Chloronaphthalene	9.34	162	610012	48.73	nq	97
47) 2-Nitroaniline	9.44	65	175683	45.83	nq	89
48) Acenaphthylene	9.76	152	912012	47.59	nq	100
49) Dimethylphthalate	9.62	163	843421	57.61	nq	100
50) 2,6-Dinitrotoluene	9.68	165	161090	50.54	nq	88
51) Acenaphthene	9.93	154	530707	43.72	nq	99
52) 3-Nitroaniline	9.85	138	143976	38.74	nq	94
53) 2,4-Dinitrophenol	9.96	184	112491	68.67	nq	89
54) Dibenzofuran	10.10	168	789911	48.87	nq	100
55) 4-Nitrophenol	10.02	139	228462	72.70	nq	84
56) 2,4-Dinitrotoluene	10.09	165	203661	49.23	nq	93
57) Fluorene	10.44	166	616095	47.43	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	143945	50.93	nq	96
59) Diethylphthalate	10.31	149	654923	45.78	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	283215	48.53	nq	96
61) 4-Nitroaniline	10.47	138	174096	48.55	nq	87
62) Azobenzene	10.59	77	606203	46.08	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	90546	45.52	nq	79
65) n-Nitrosodiphenylamine	10.55	169	554792	48.99	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	163703	51.16	nq	98
67) Hexachlorobenzene	10.99	284	167784	49.09	nq	97
68) Atrazine	11.07	200	165116	48.46	nq	99
69) Pentachlorophenol	11.19	266	148483	69.81	nq	99
70) Phenanthrene	11.40	178	850018	48.57	nq	99
71) Anthracene	11.46	178	874958	48.87	nq	99
72) Carbazole	11.61	167	795903	45.39	nq	99
73) Di-n-butylphthalate	11.93	149	962836	45.62	nq	99
74) Fluoranthene	12.59	202	784400	44.27	nq	97
76) Benzidine	12.70	184	131790	21.46	nq	98
77) Pyrene	12.82	202	785557	62.04	nq	99
79) Butylbenzylphthalate	13.43	149	325130	54.64	nq	89
80) Benzo(a)anthracene	14.00	228	509024	50.63	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	141277	38.33	nq	98
82) Chrysene	14.04	228	478722	50.01	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	408985	49.91	nq	# 100
84) Di-n-octyl phthalate	14.59	149	571020	43.28	nq	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	561109	73.28	nq	95
87) Benzo(b)fluoranthene	15.05	252	467392	46.60	nq	# 96
88) Benzo(k)fluoranthene	15.08	252	410159	41.41	nq	97
89) Benzo(a)pyrene	15.42	252	448757	48.75	nq	# 97
90) Dibenzo(a,h)anthracene	16.98	278	466930	63.38	nq	97
91) Benzo(g,h,i)perylene	17.42	276	495811	68.08	nq	96

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

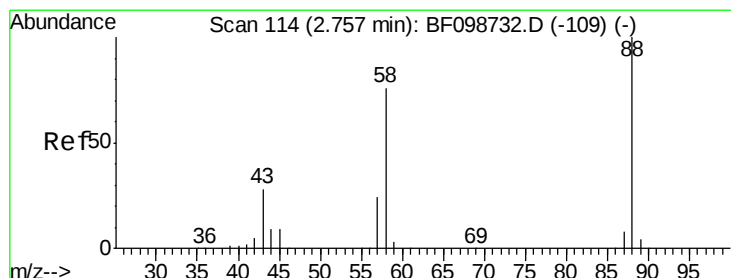
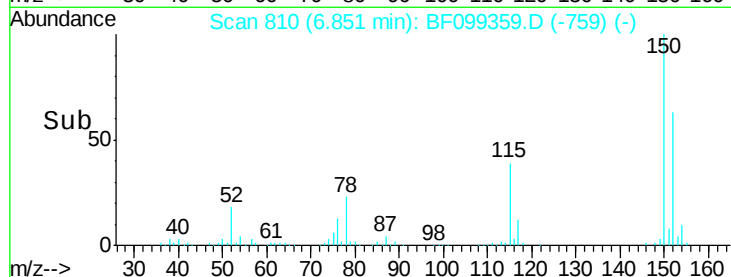
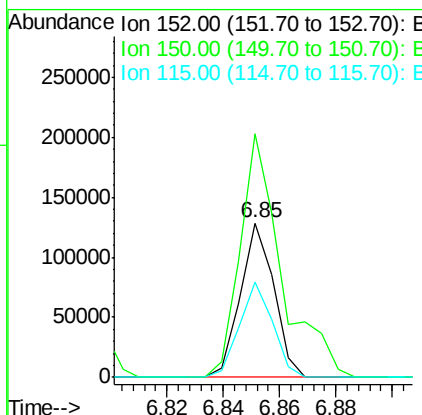
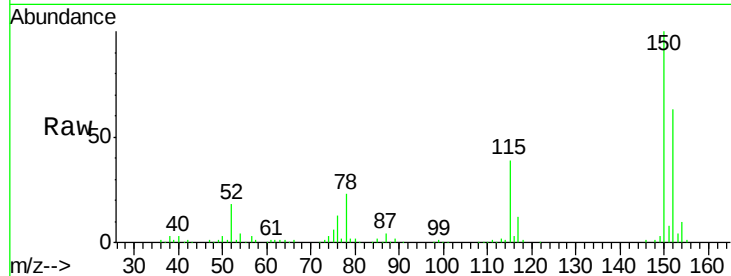


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

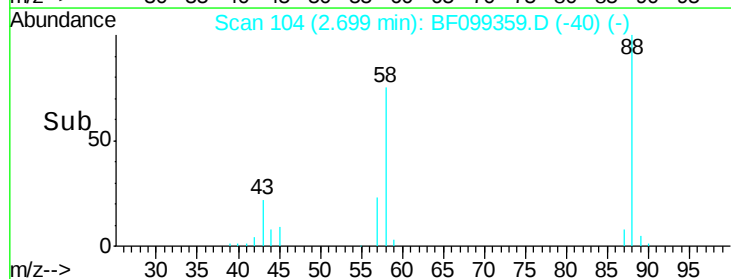
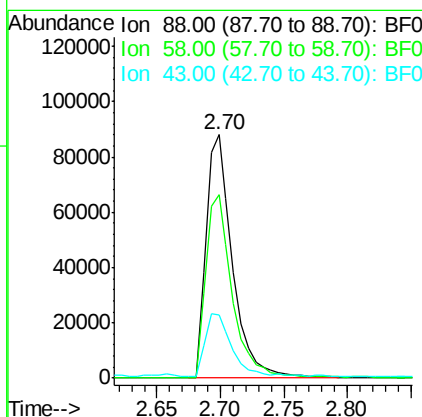
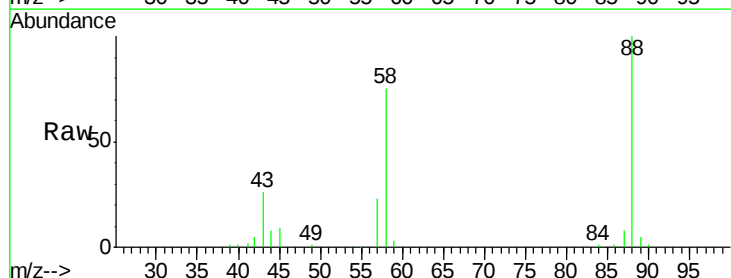
Tot Ion:152 Resp: 106047
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.4 50.1 75.1

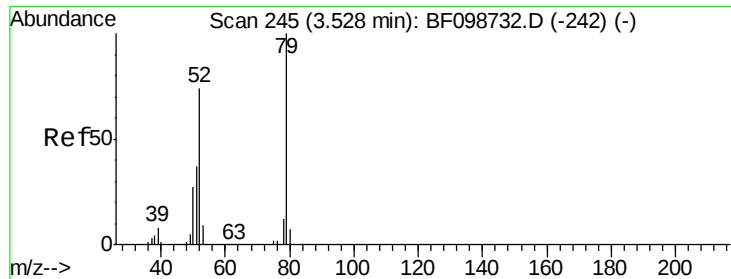


#2

1,4-Dioxane
Concen: 40.22 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion: 88 Resp: 127994
Ion Ratio Lower Upper
88 100
58 76.3 62.6 93.8
43 25.7 24.6 37.0





#3

Pvridine

Concen: 15.26 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.10 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

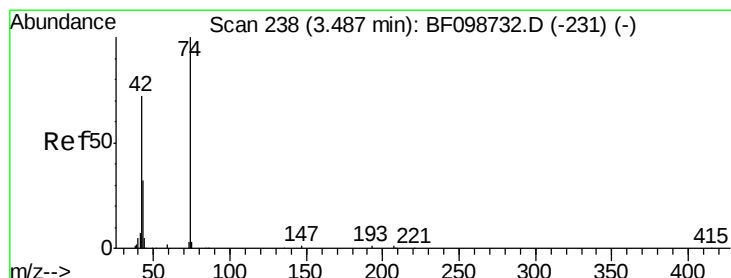
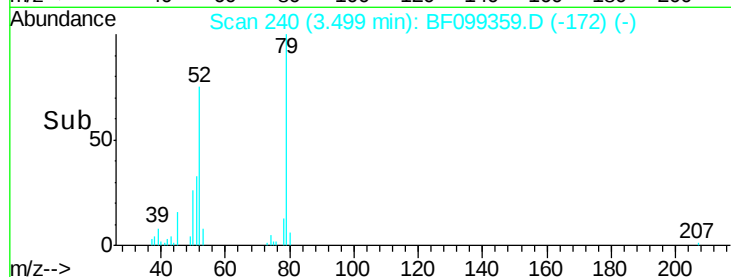
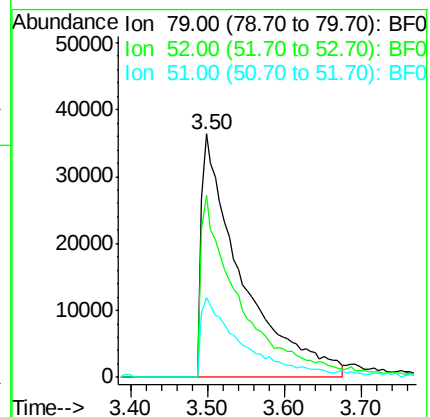
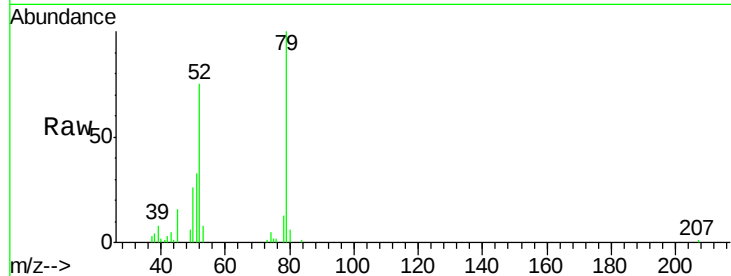
Tot Ion: 79 Resp: 131351

Ion Ratio Lower Upper

79 100

52 74.8 59.8 89.6

51 32.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 40.68 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

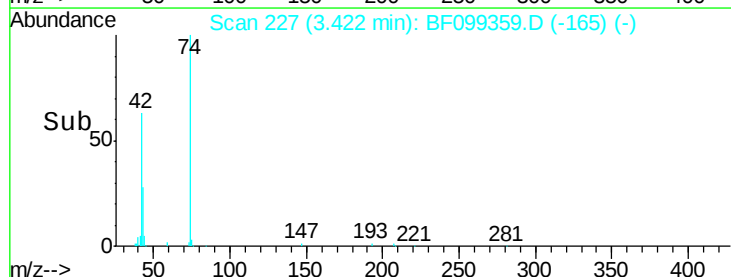
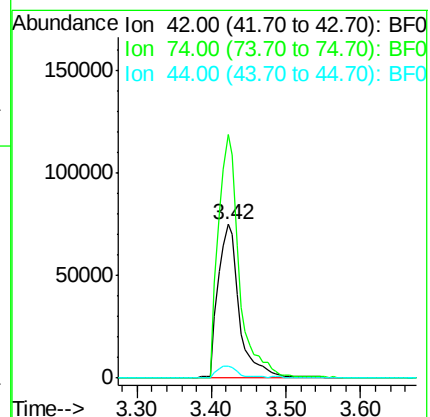
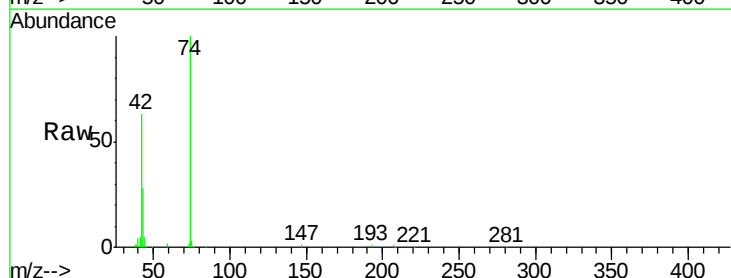
Tgt Ion: 42 Resp: 148504

Ion Ratio Lower Upper

42 100

74 158.2 104.9 157.3#

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 135.01 ng

RT: 5.49 min Scan# 578

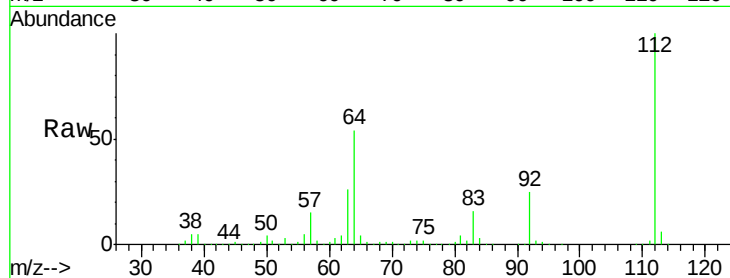
Delta R.T. 0.02 min

Lab File: BF099359.D

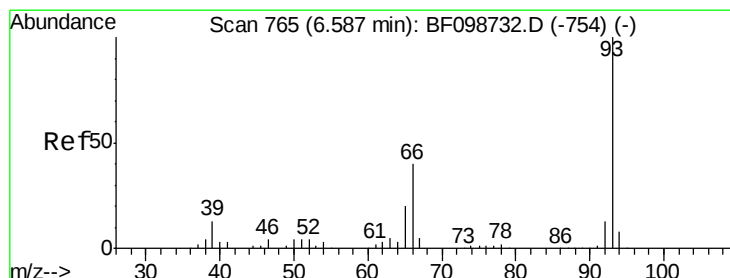
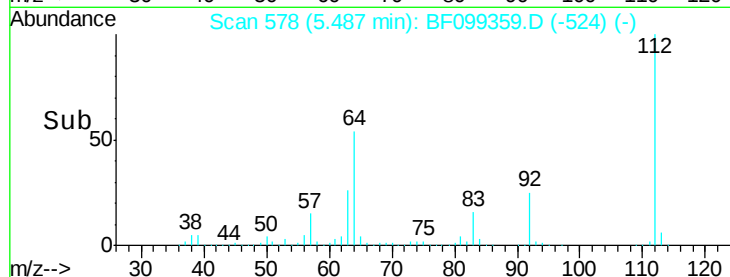
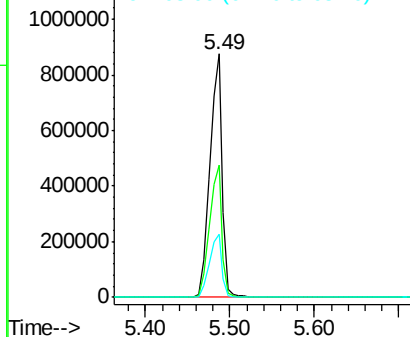
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	899401
Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	26.2	23.7	35.5



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



#6

Aniline

Concen: 35.21 ng

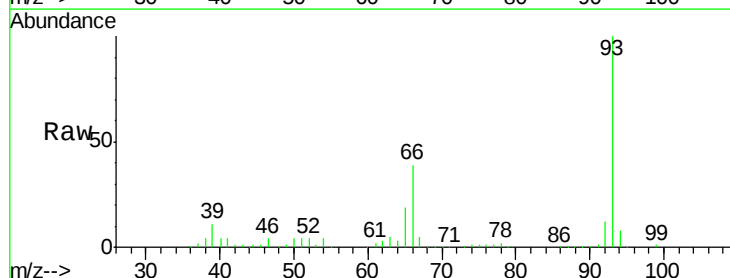
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

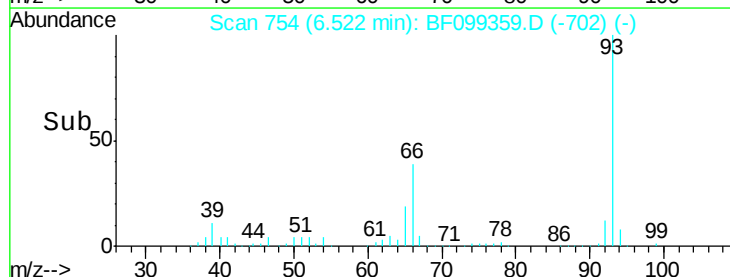
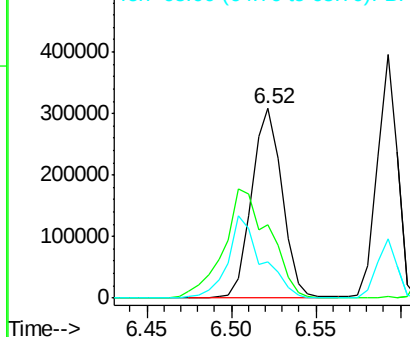
Lab File: BF099359.D

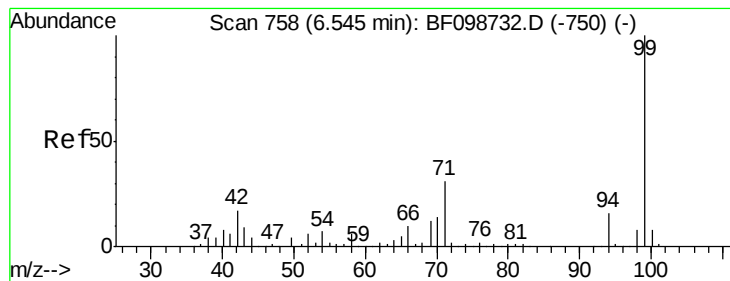
Acq: 11 Oct 2017 22:05

Tgt Ion:	93	Resp:	390492
Ion	Ratio	Lower	Upper
93	100		
66	38.7	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: 132.11 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

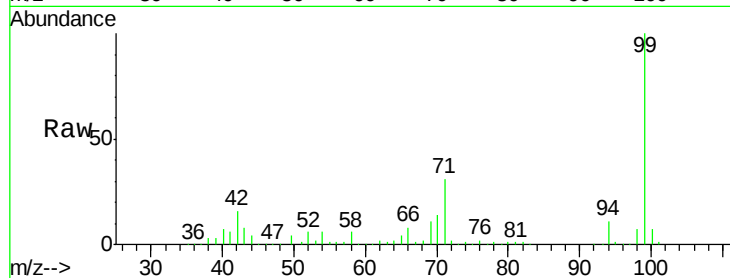
Tot Ion: 99 Resp: 1085696

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

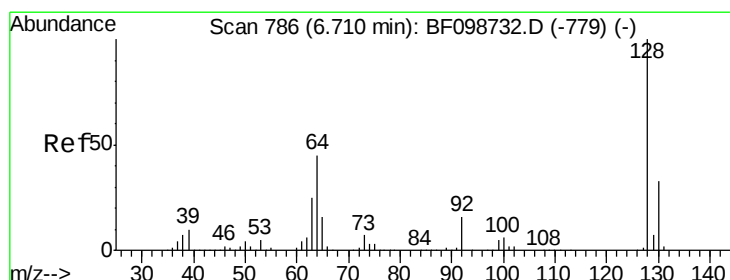
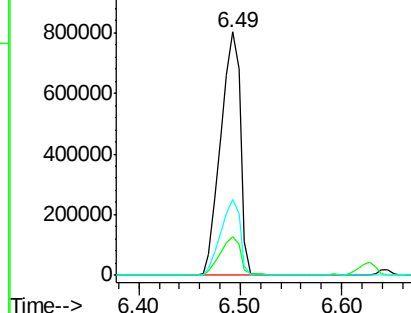
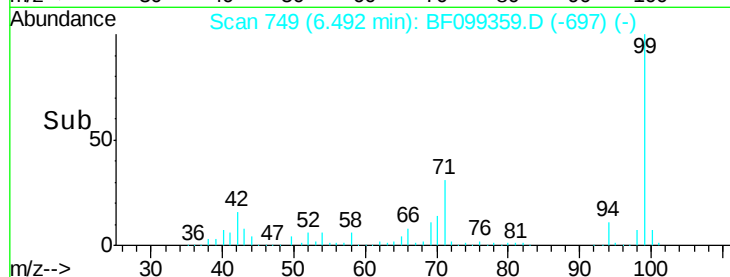
71 31.2 25.4 38.0



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: 46.76 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

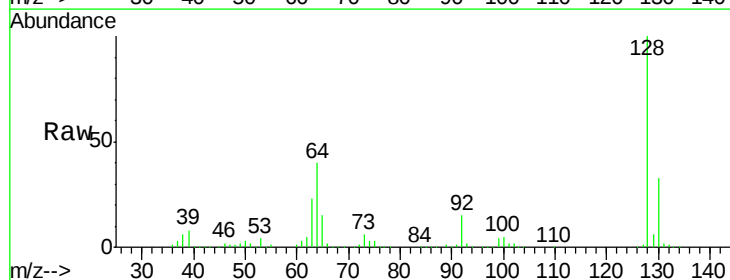
Tgt Ion: 128 Resp: 352766

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

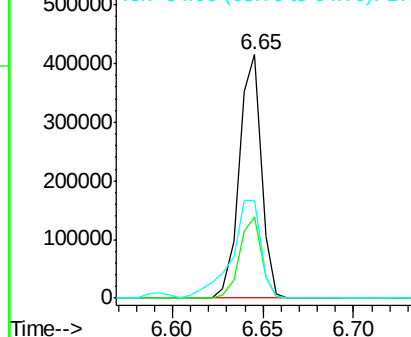
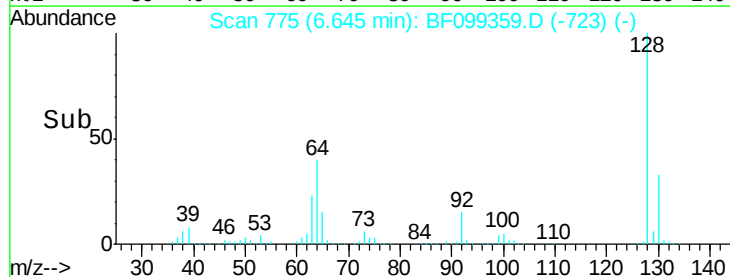
64 40.2 29.4 69.4

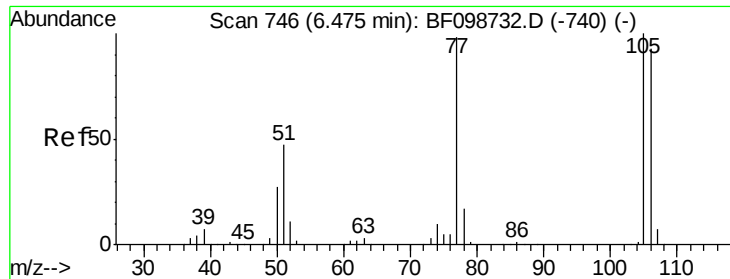


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

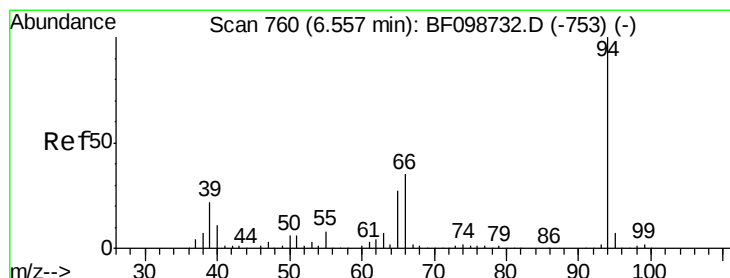
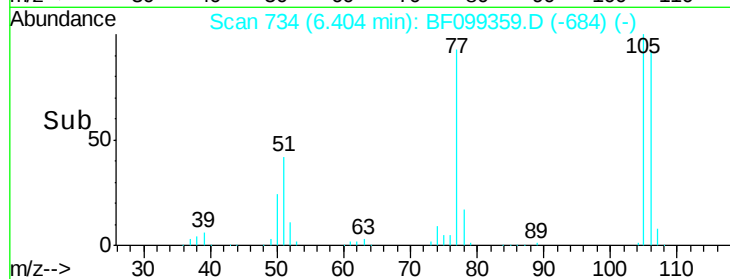
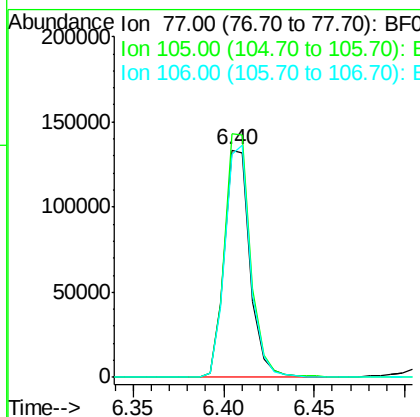
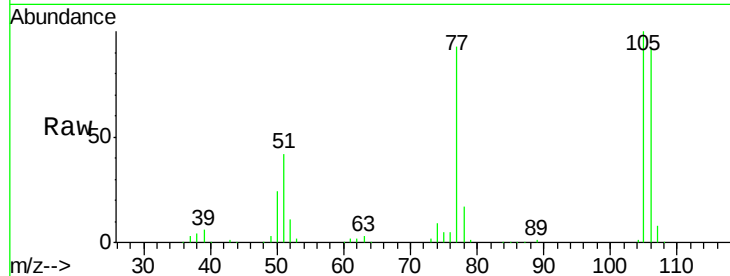




#9
Benzaldehyde
Concen: 27.76 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

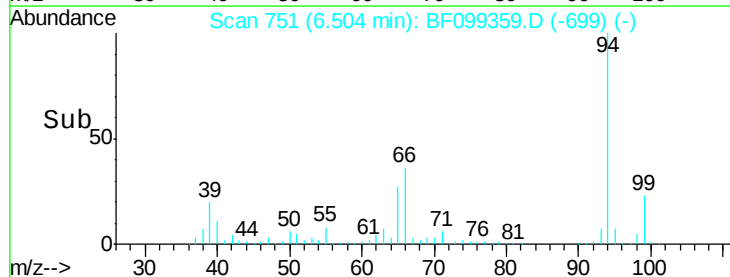
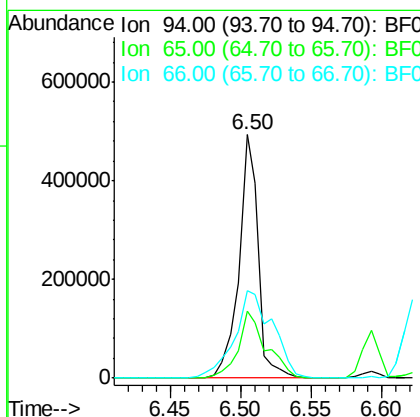
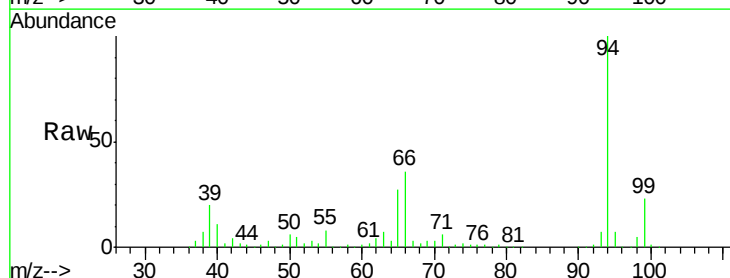
Instrument :
BNA_F
ClientSampled :

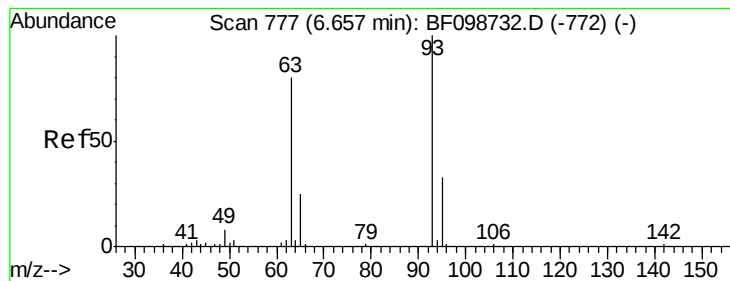
Tot Ion: 77 Resp: 132326
Ion Ratio Lower Upper
77 100
105 107.0 81.1 121.1
106 98.3 74.5 114.5



#10
Phenol
Concen: 50.42 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion: 94 Resp: 463373
Ion Ratio Lower Upper
94 100
65 27.3 7.9 47.9
66 36.1 16.2 56.2

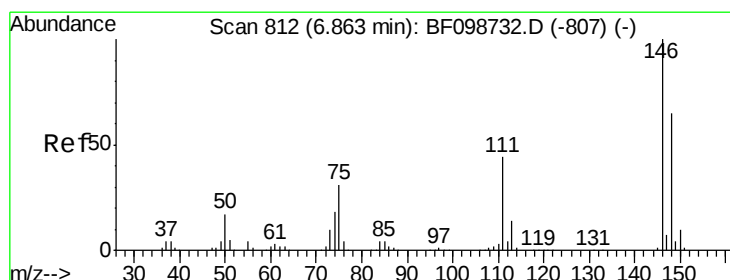
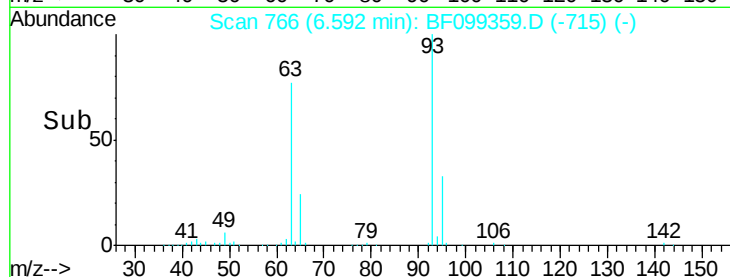
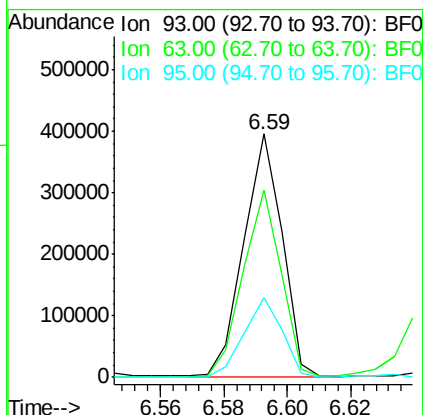
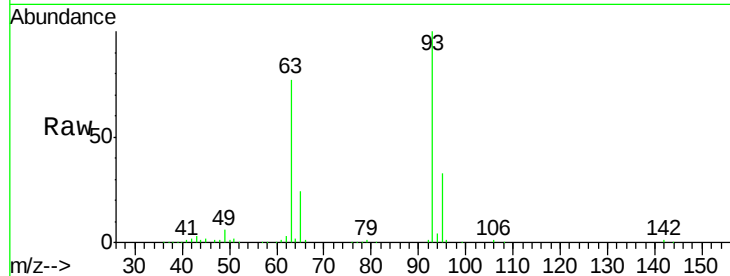




#11
bis(2-Chloroethyl)ether
Concen: 46.24 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

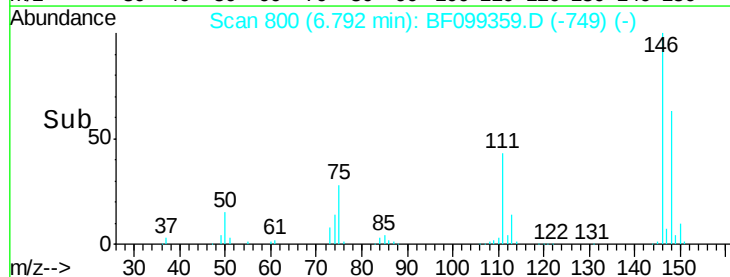
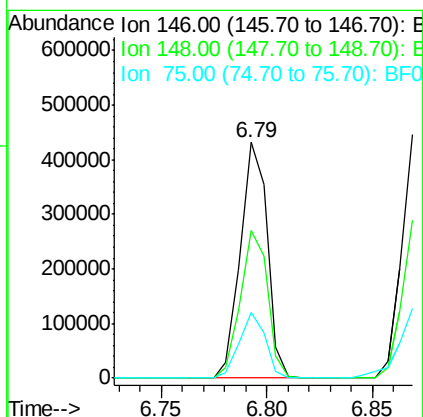
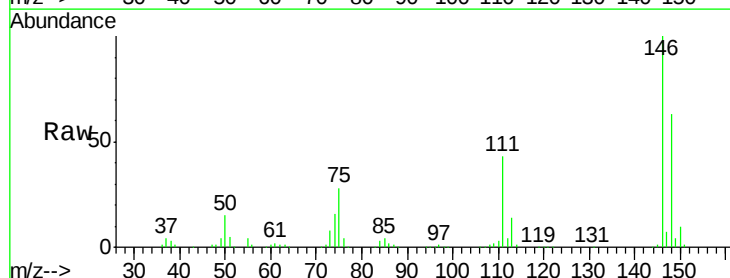
Instrument :
BNA_F
ClientSampleId :

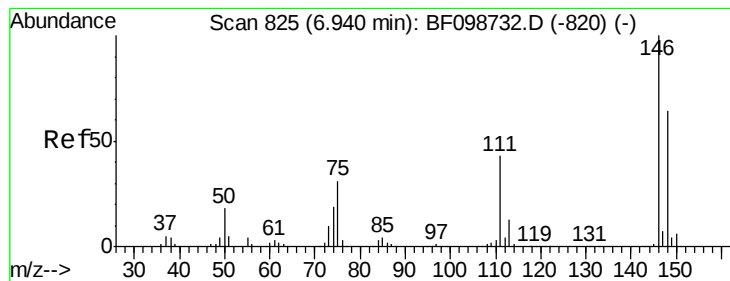
Tot Ion: 93 Resp: 330368
Ion Ratio Lower Upper
93 100
63 77.0 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 48.22 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion: 146 Resp: 380989
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 28.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 47.57 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

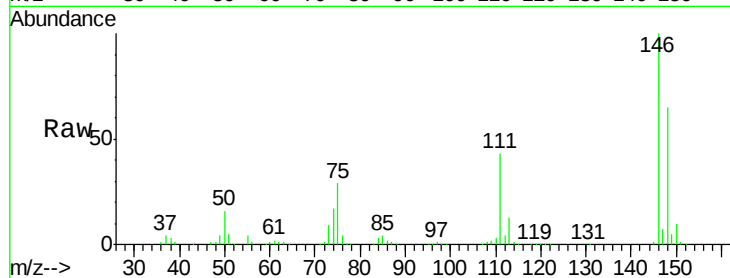
Tot Ion:146 Resp: 382397

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

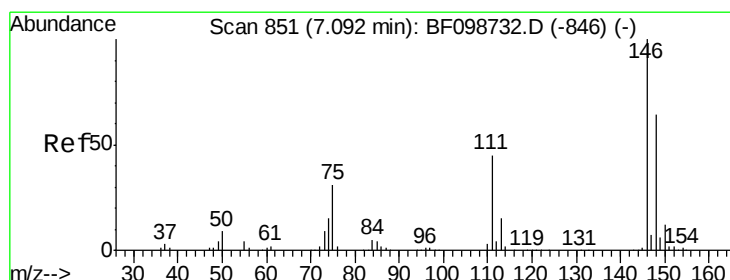
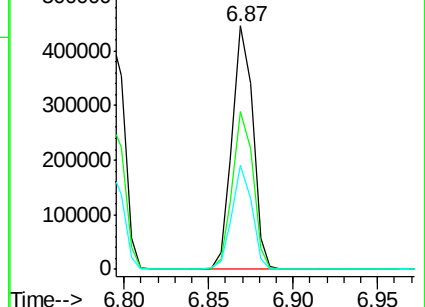
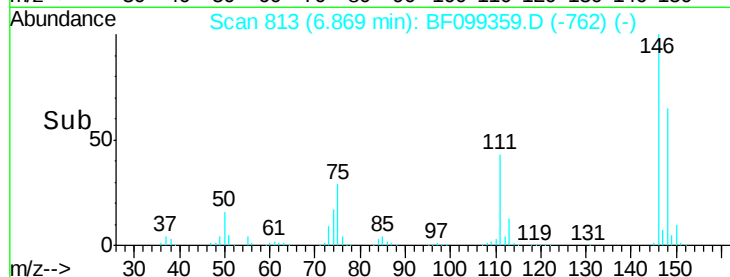
111 42.5 34.2 51.2



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: 47.01 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

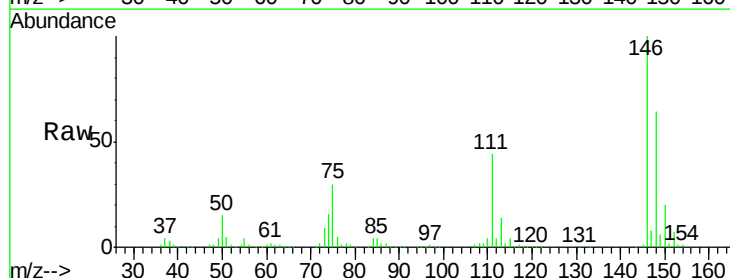
Tgt Ion:146 Resp: 349199

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

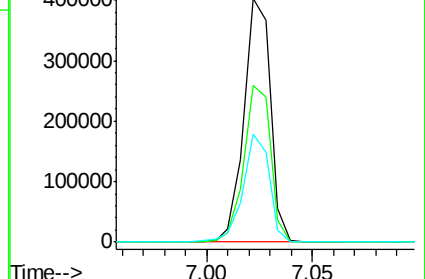
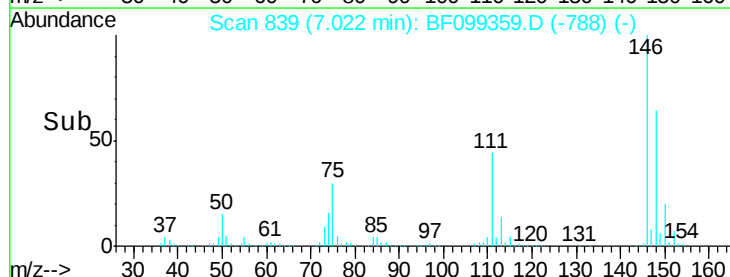
111 44.2 36.0 54.0

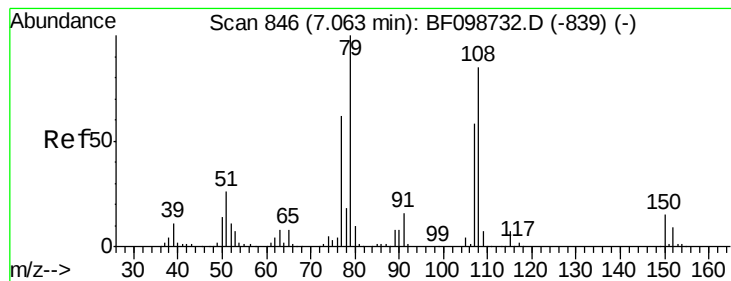


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.15 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampled :

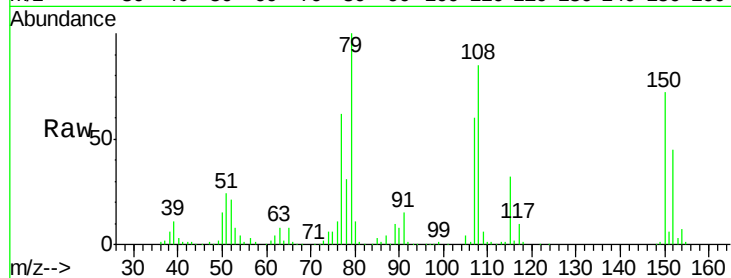
Tot Ion: 79 Resp: 272202

Ion Ratio Lower Upper

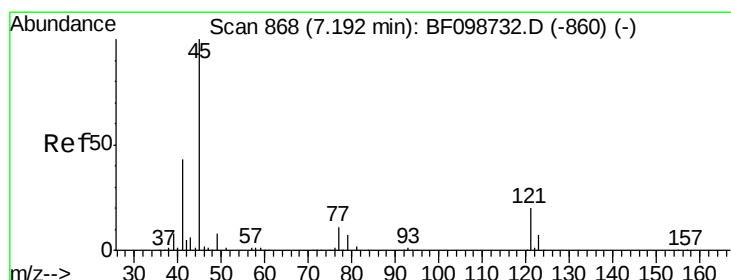
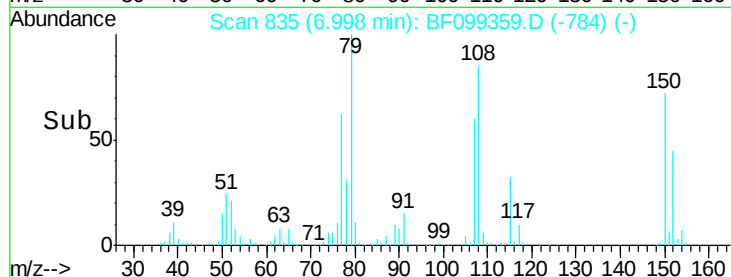
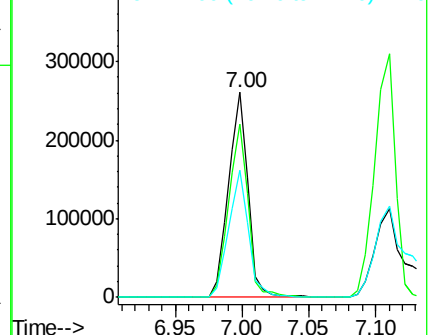
79 100

108 84.6 65.1 97.7

77 62.3 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: 42.00 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

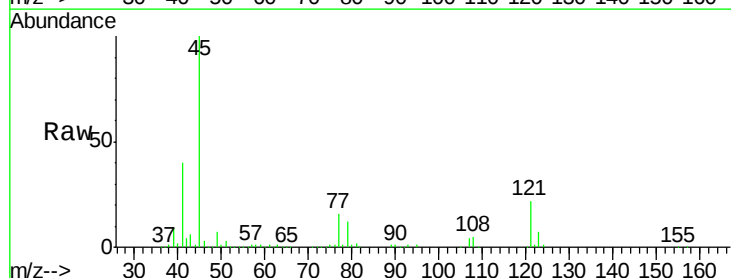
Tgt Ion: 45 Resp: 467582

Ion Ratio Lower Upper

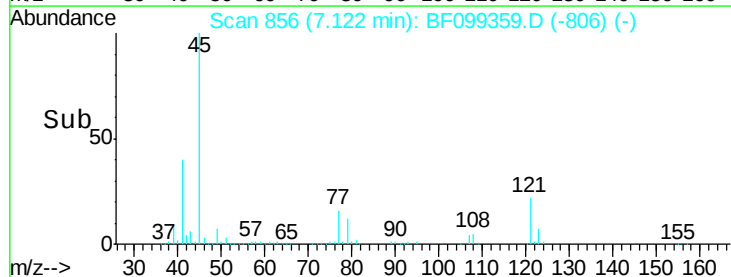
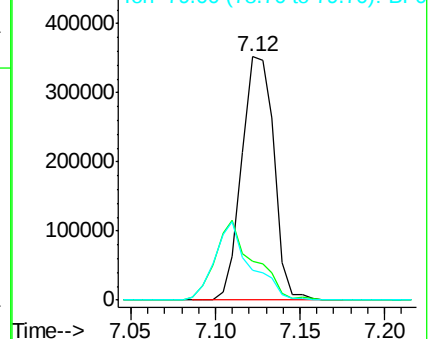
45 100

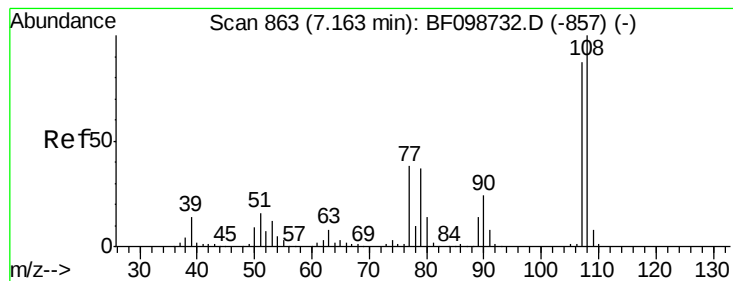
77 15.8 0.0 32.9

79 12.3 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

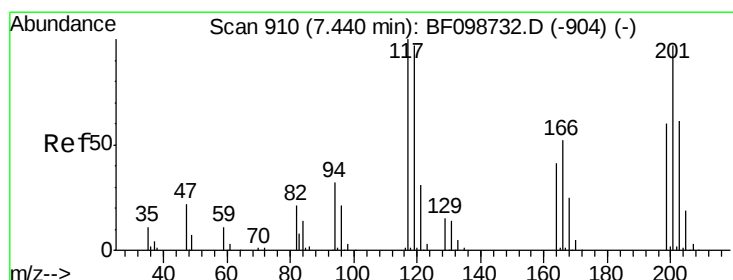
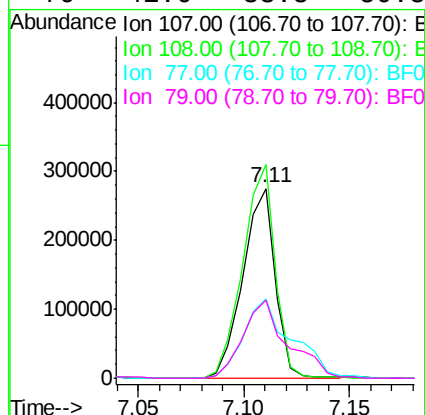
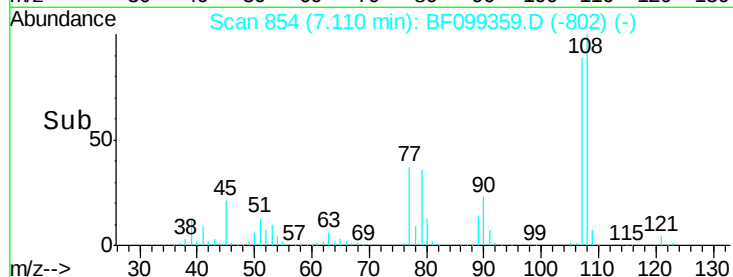
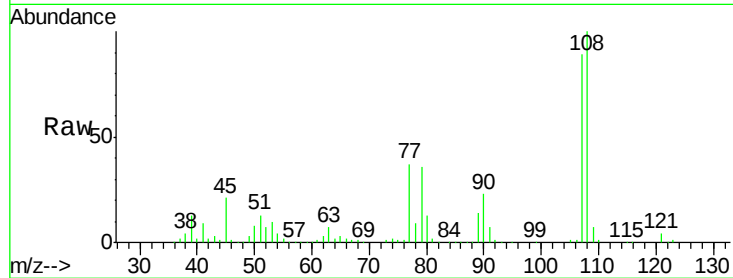




#17
2-Methylphenol
Concen: 47.31 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

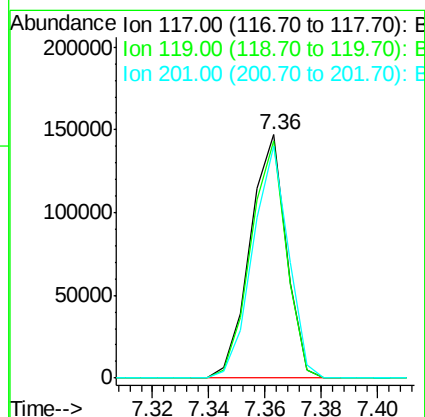
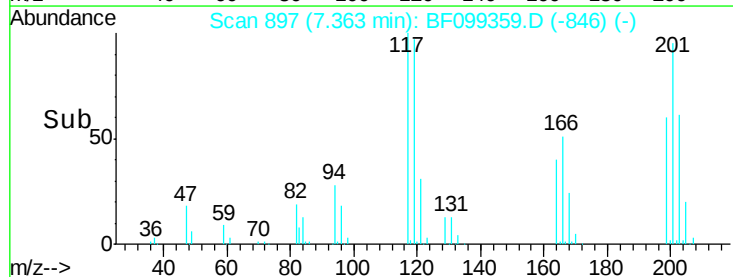
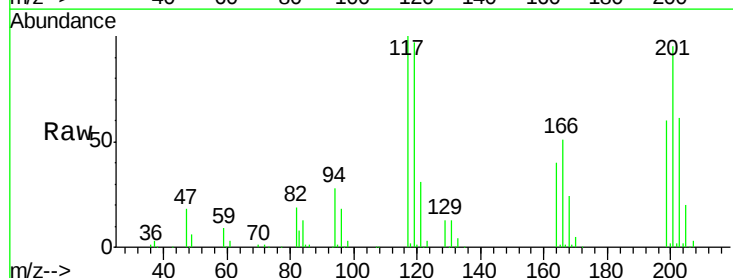
Instrument :
BNA_F
ClientSampled :

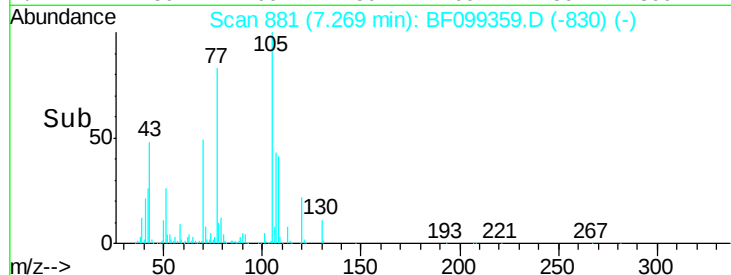
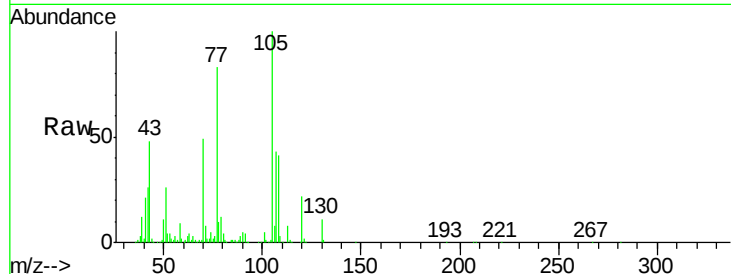
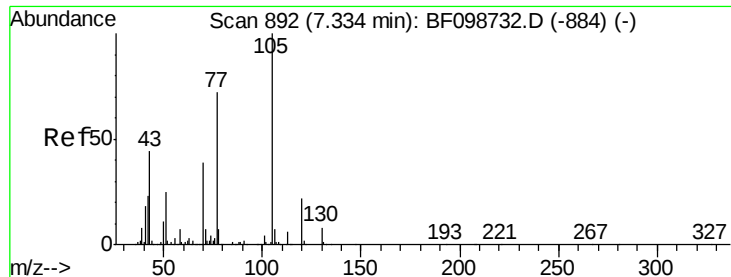
Tot Ion:107 Resp: 292048
Ion Ratio Lower Upper
107 100
108 112.6 91.7 137.5
77 42.2 33.8 50.8
79 41.0 33.8 50.8



#18
Hexachloroethane
Concen: 45.10 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:117 Resp: 130308
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
201 95.3 75.7 113.5

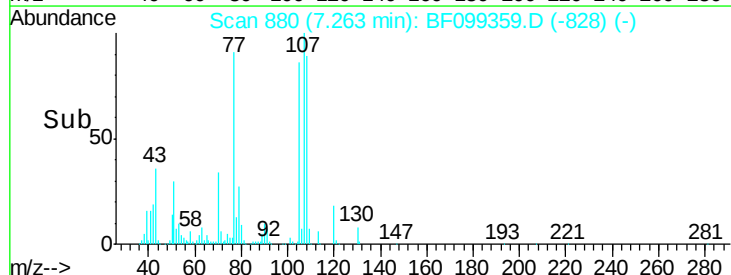
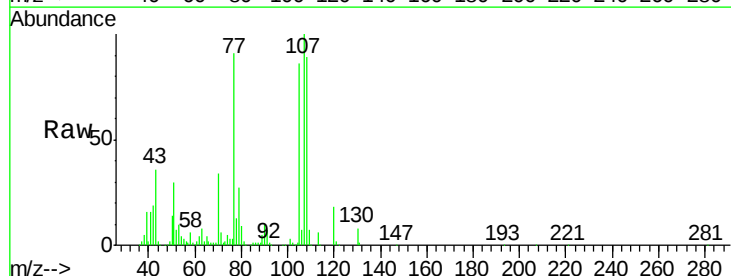
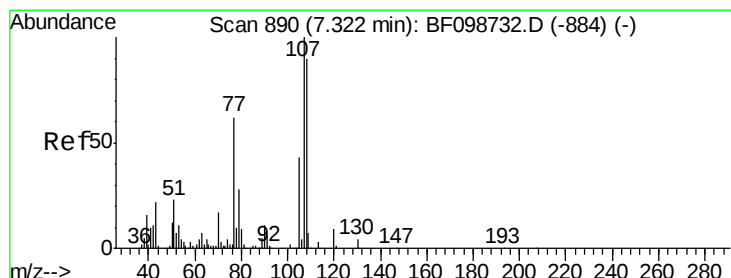
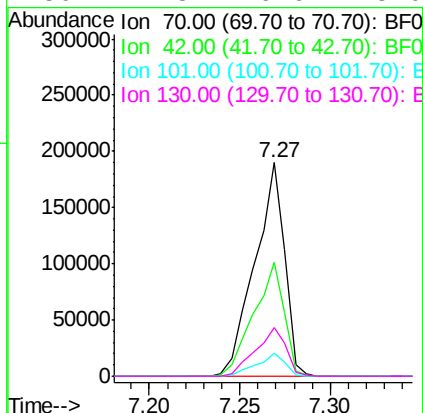




#19
n-Nitroso-di-n-propylamine
Concen: 41.47 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

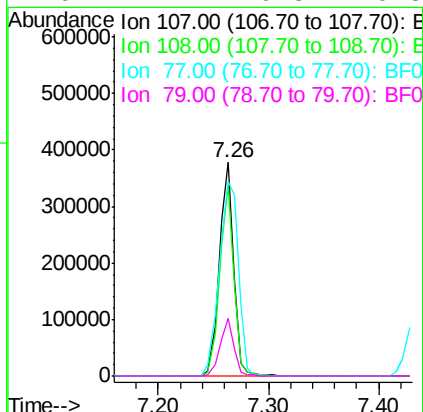
Instrument :
BNA_F
ClientSampled :

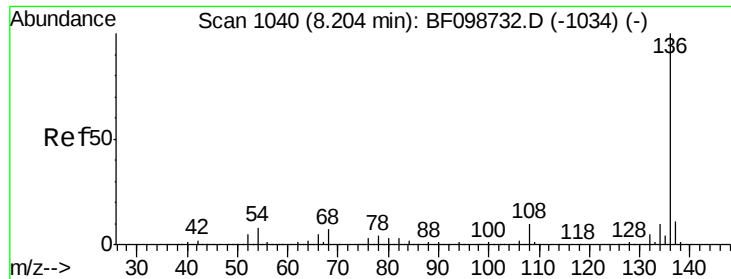
Tot Ion	70	Resp	217599
Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	10.5	7.4	11.2
130	22.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.61 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	107	Resp	340574
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	91.2	26.7	66.7#
79	27.2	6.3	46.3

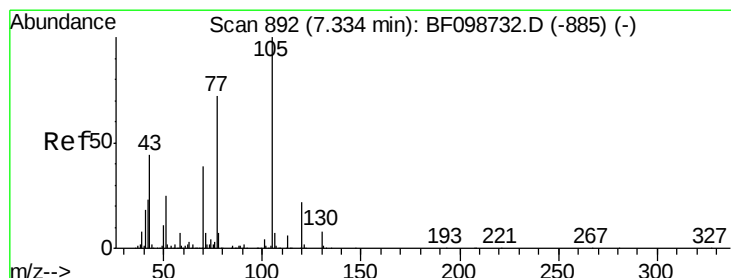
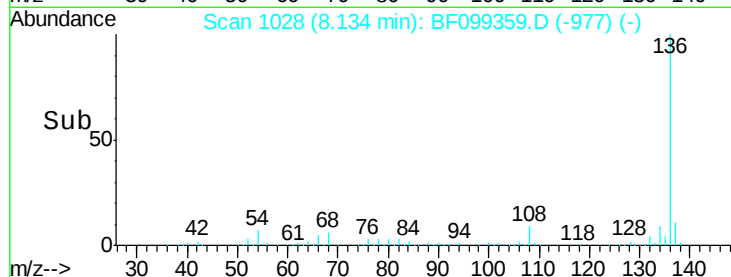
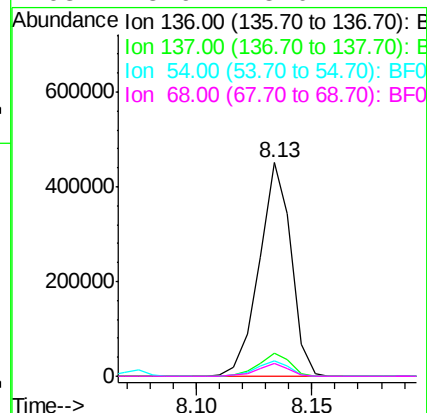
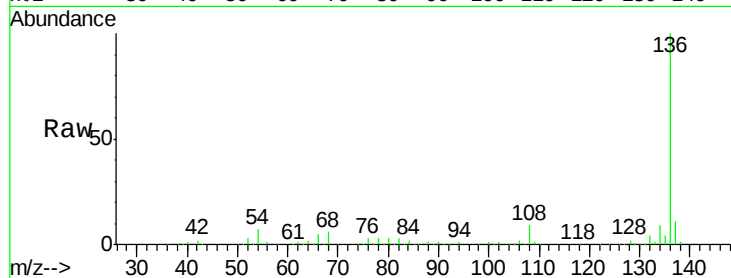




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

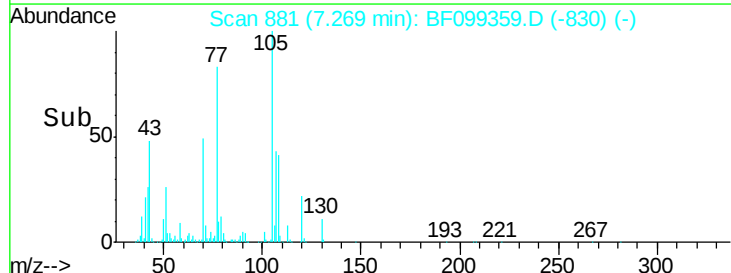
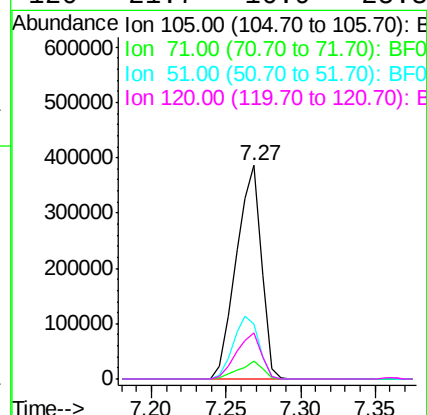
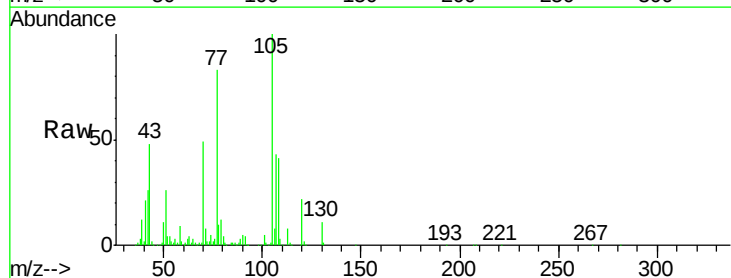
Instrument :
BNA_F
ClientSampleId :

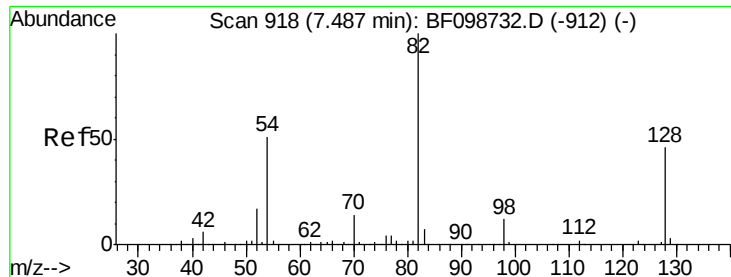
Tot Ion:136	Resp:	433364
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.5	6.6 9.8
68	5.9	5.0 7.4



#22
Acetophenone
Concen: 43.45 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:105	Resp:	456235
Ion Ratio	Lower	Upper
105	100	
71	8.3	4.4 6.6#
51	25.8	22.3 33.5
120	21.7	16.9 25.3

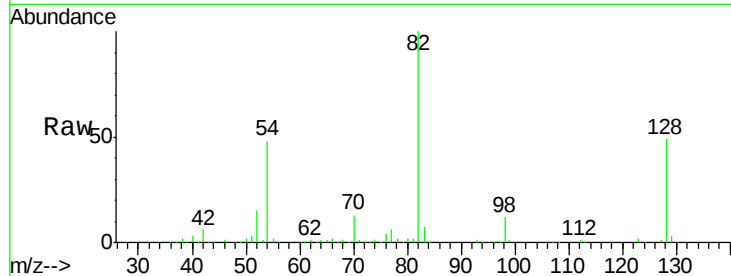




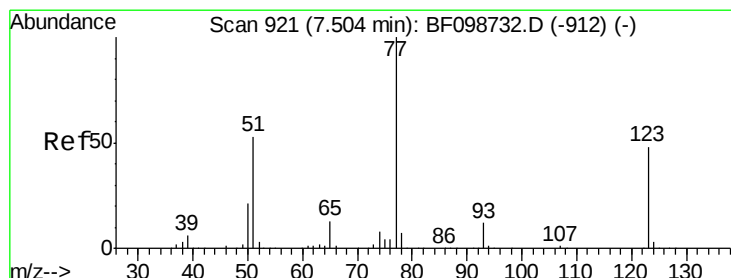
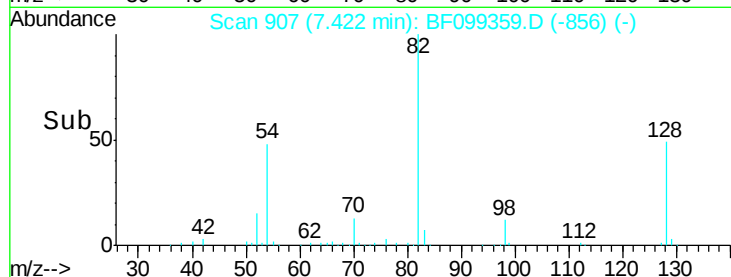
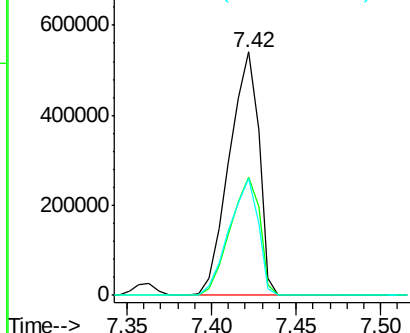
#23
 Nitrobenzene-d5
 Concen: 97.89 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 661473
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 48.2 41.4 62.2

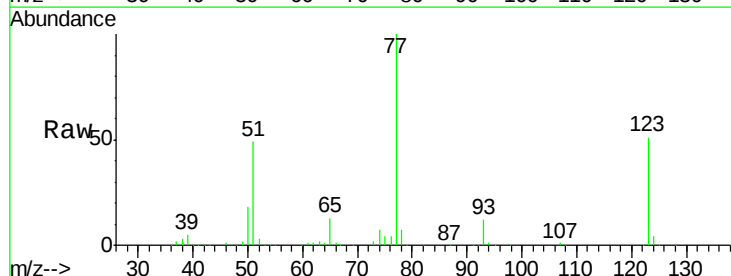


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

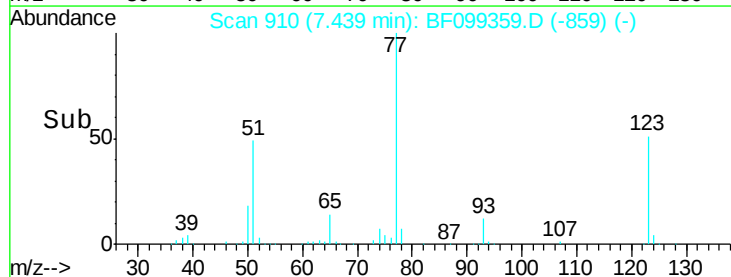
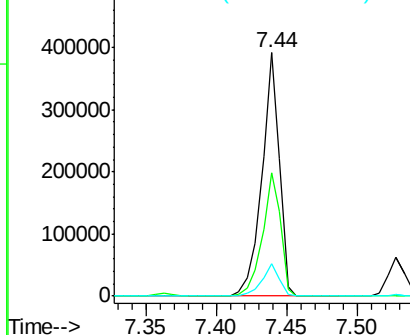


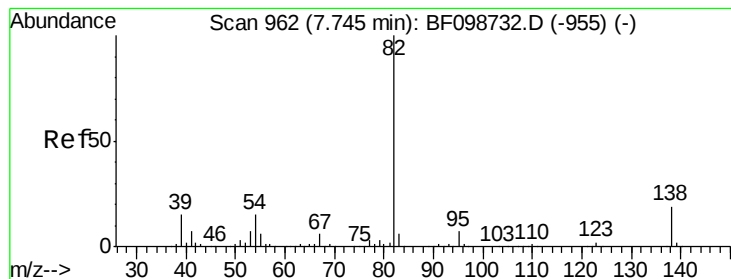
#24
 Nitrobenzene
 Concen: 45.29 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion: 77 Resp: 347178
 Ion Ratio Lower Upper
 77 100
 123 50.9 37.9 56.9
 65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 46.65 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

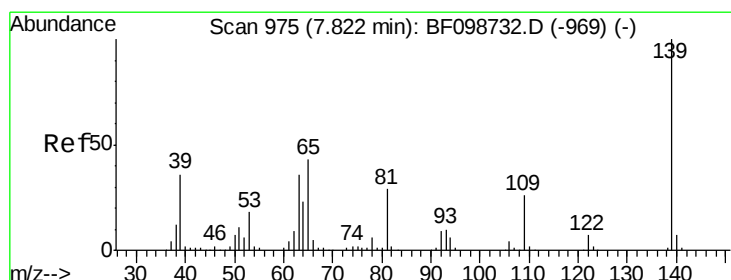
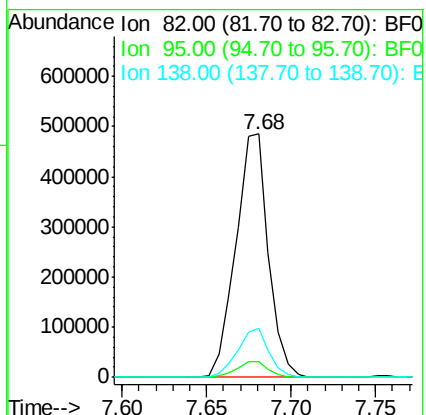
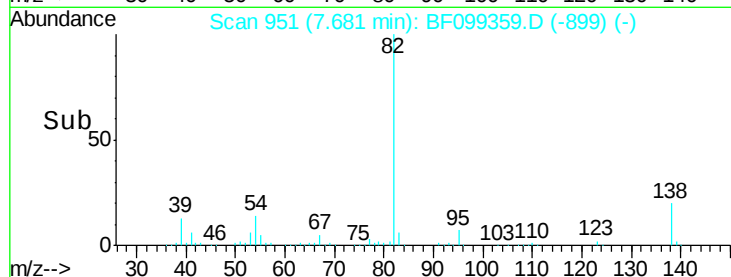
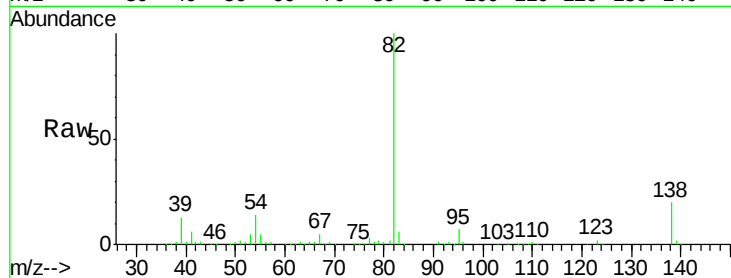
Tot Ion: 82 Resp: 651756

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 20.1 14.9 22.3



#26

2-Nitrophenol

Concen: 54.43 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

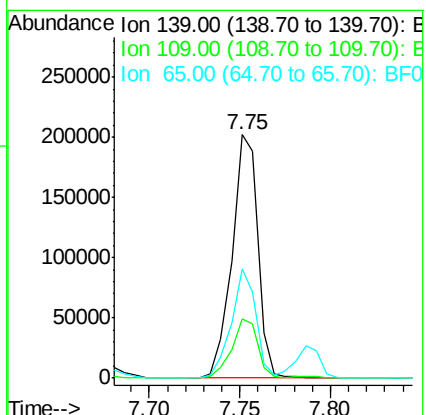
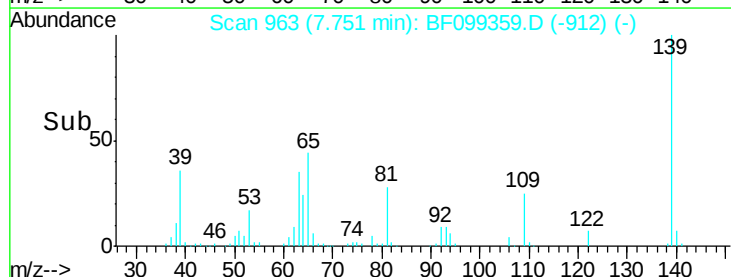
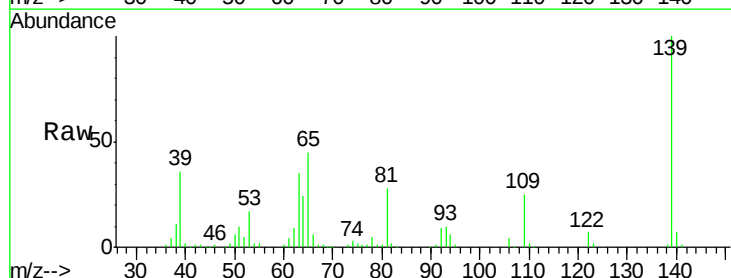
Tgt Ion: 139 Resp: 200653

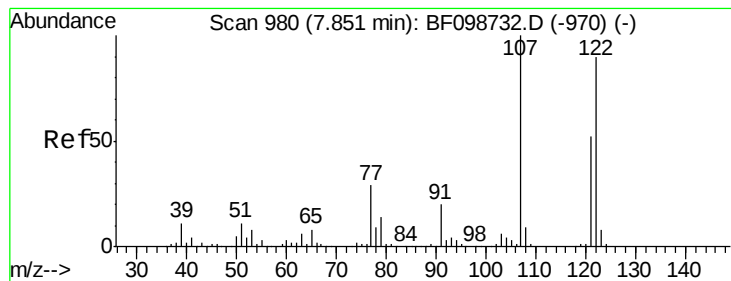
Ion Ratio Lower Upper

139 100

109 24.6 22.7 34.1

65 45.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.43 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

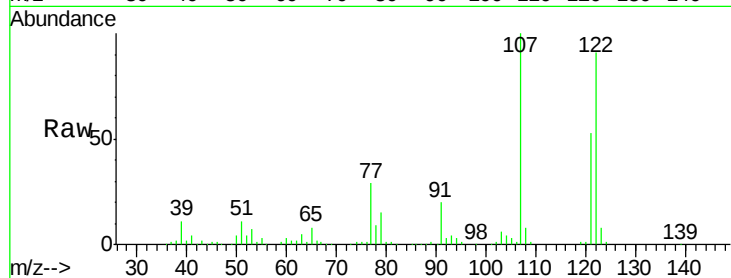
Tot Ion:122 Resp: 316270

Ion Ratio Lower Upper

122 100

107 110.3 91.2 136.8

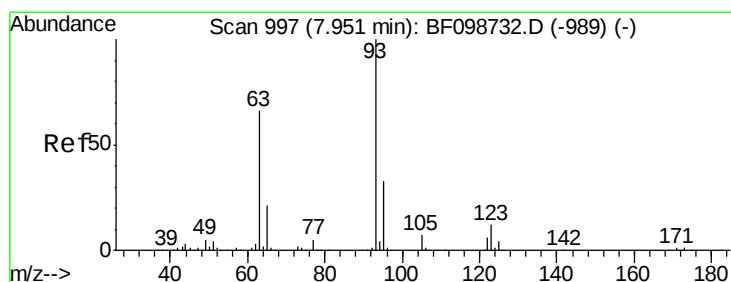
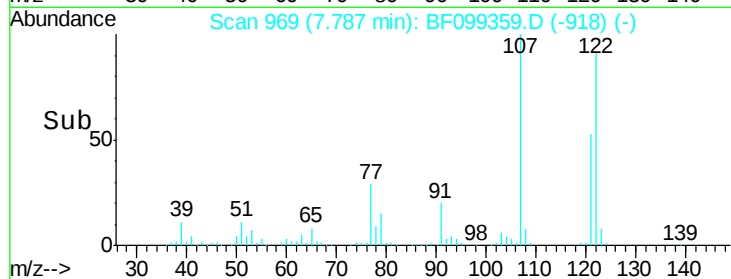
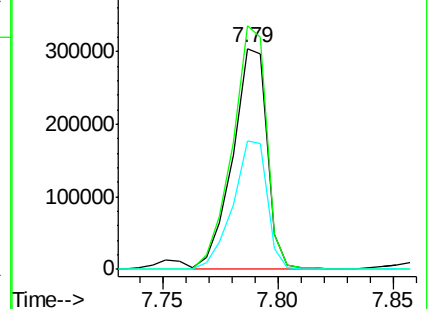
121 58.1 47.2 70.8



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: 48.23 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

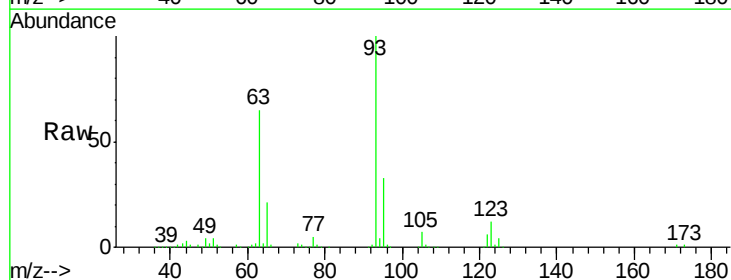
Tgt Ion: 93 Resp: 419948

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

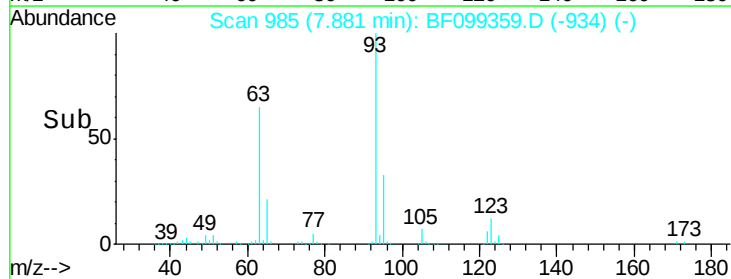
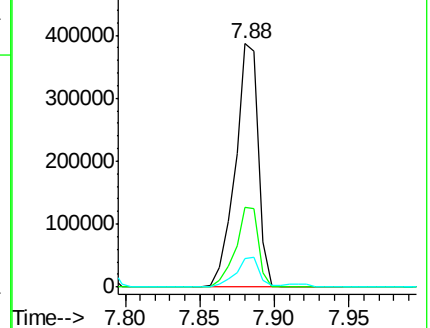
123 11.6 9.8 14.6

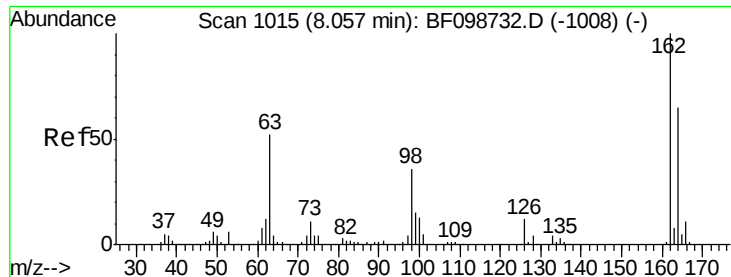


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

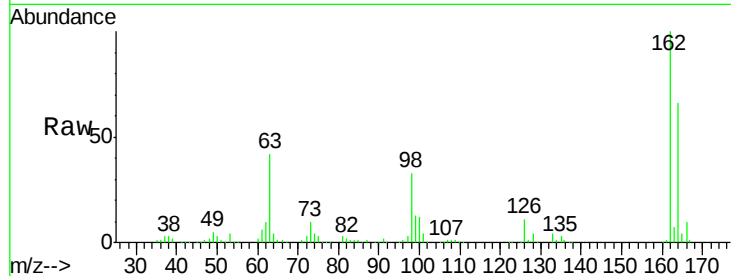




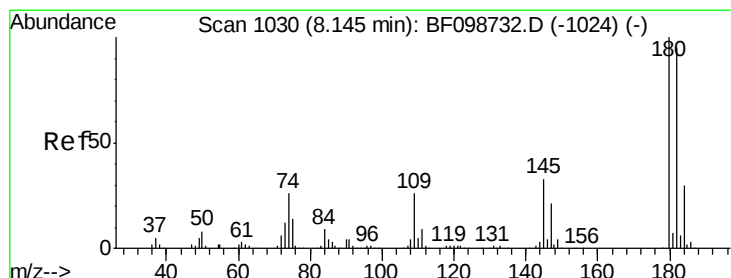
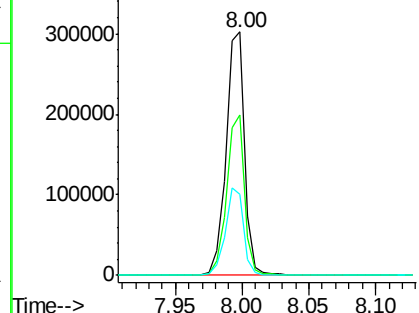
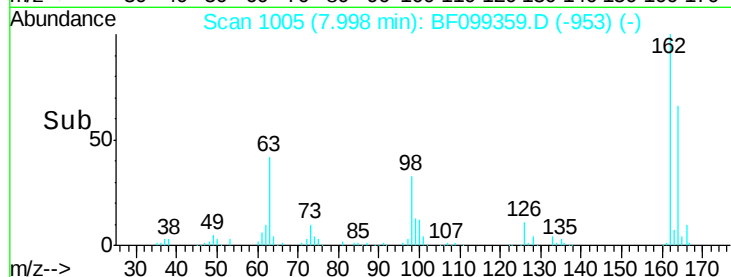
#29
 2,4-Dichlorophenol
 Concen: 49.78 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	42.7	82.7
98	33.1	18.1	58.1

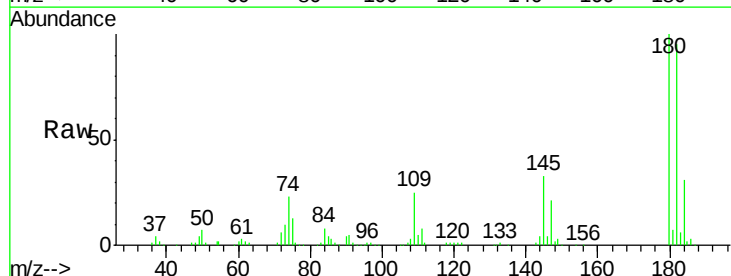


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

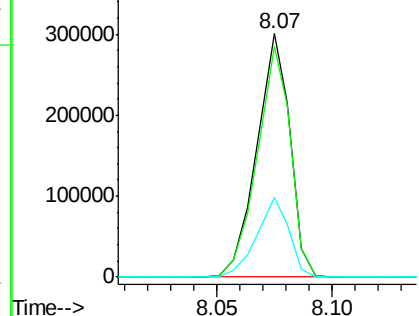
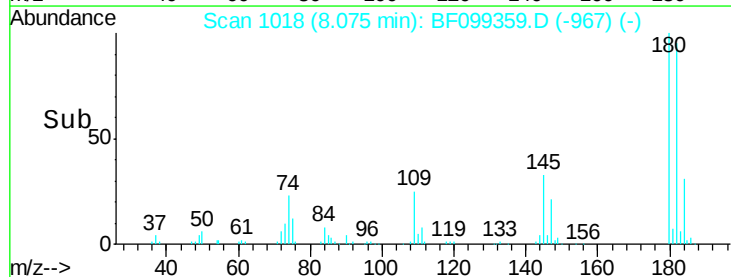


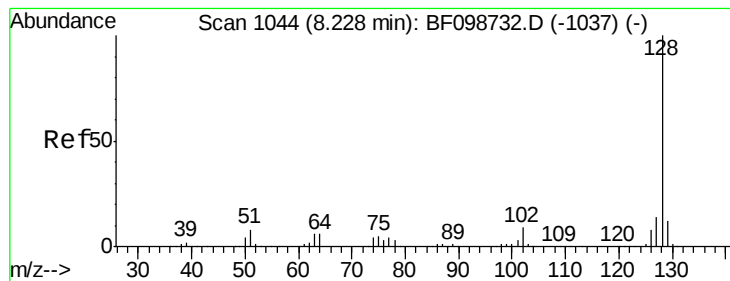
#30
 1,2,4-Trichlorobenzene
 Concen: 50.32 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	32.5	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: 48.34 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

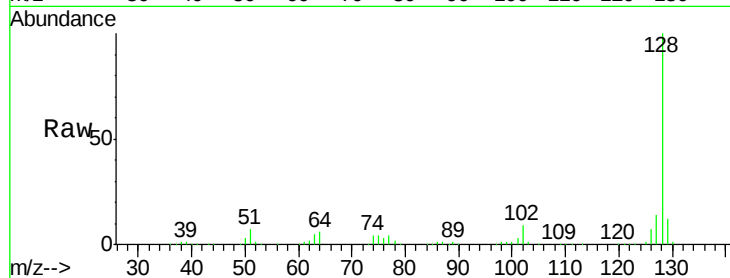
Tot Ion:128 Resp: 983830

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

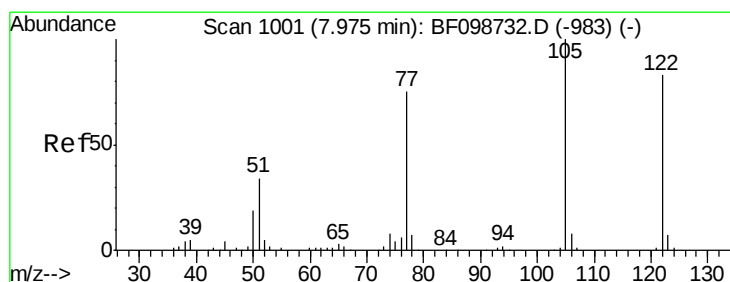
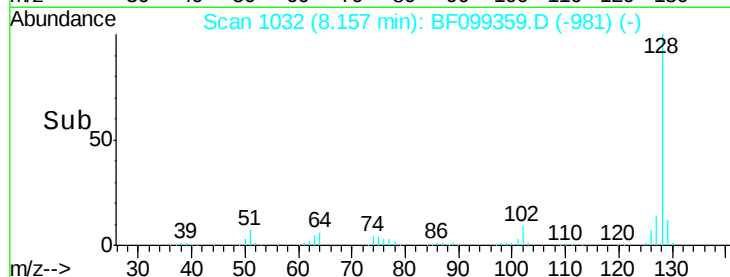
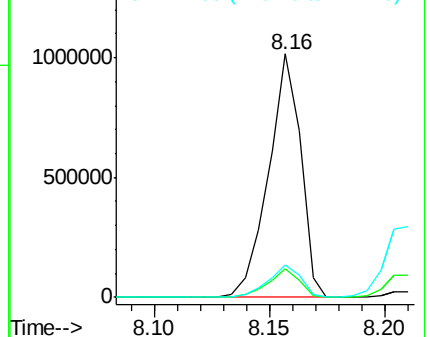
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.49 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

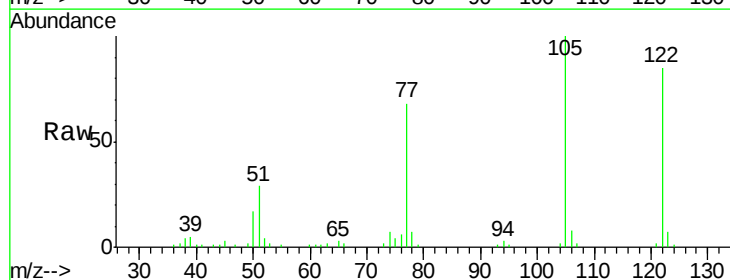
Tgt Ion:122 Resp: 145742

Ion Ratio Lower Upper

122 100

105 117.2 101.1 141.1

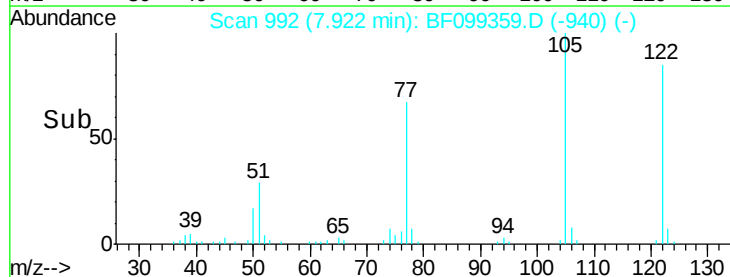
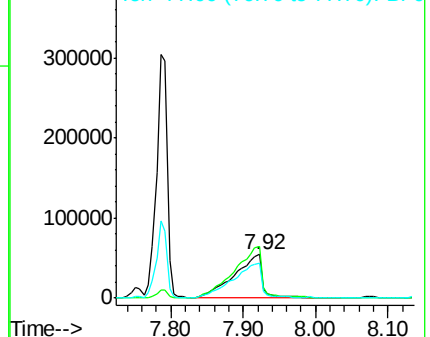
77 79.8 70.7 110.7

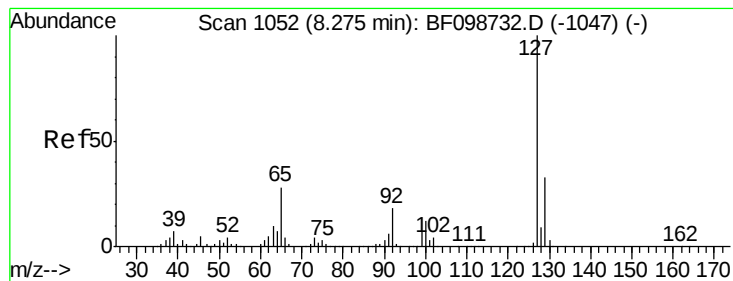


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 34.64 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 294412

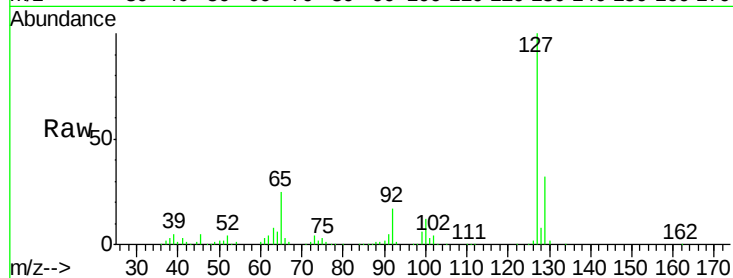
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 24.7 25.0 37.4#

92 17.2 15.2 22.8

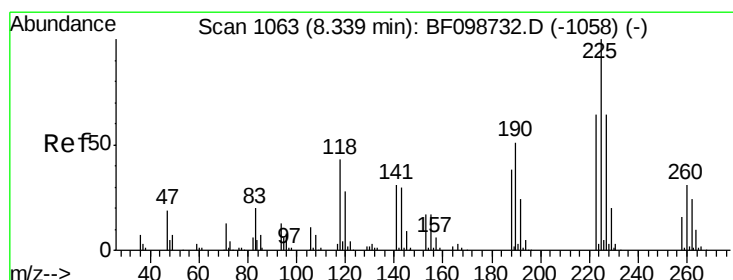
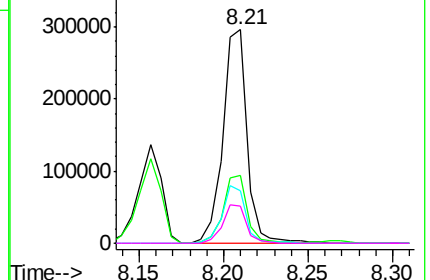
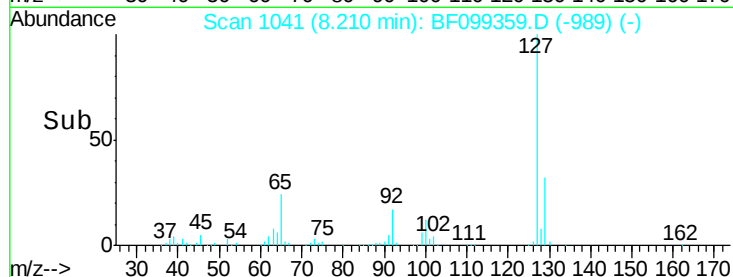


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 47.57 ng

RT: 8.27 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

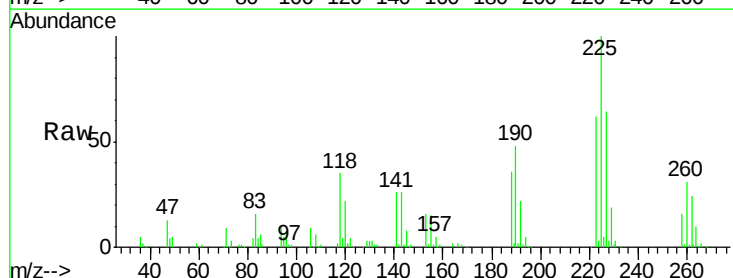
Tgt Ion:225 Resp: 146482

Ion Ratio Lower Upper

225 100

223 62.0 50.6 76.0

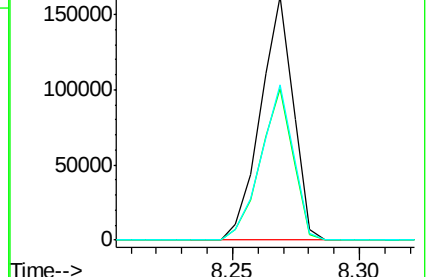
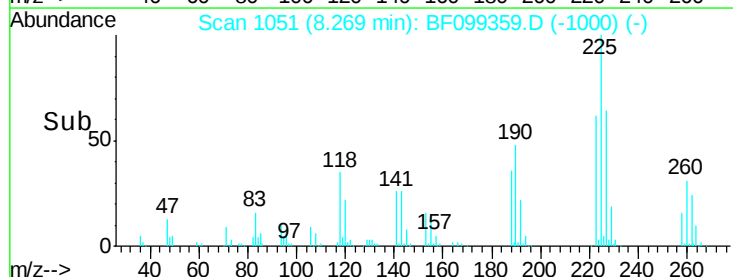
227 63.9 51.9 77.9

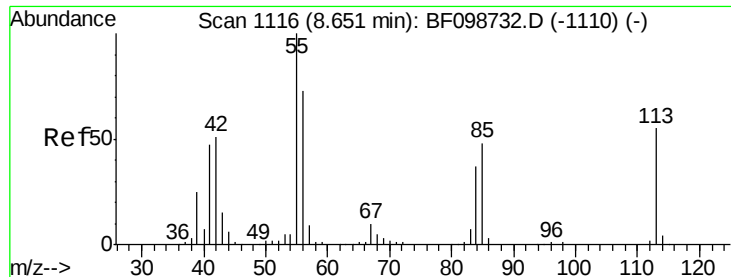


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.15 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

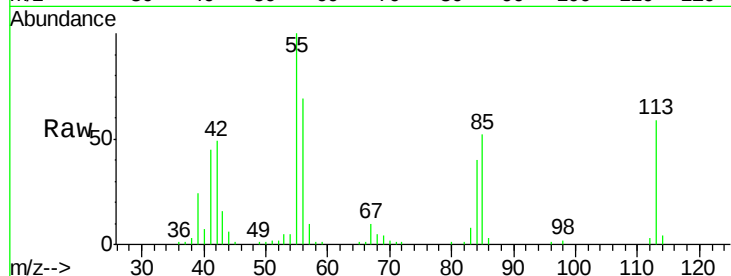
Tot Ion:113 Resp: 40552

Ion Ratio Lower Upper

113 100

55 170.4 163.3 203.3

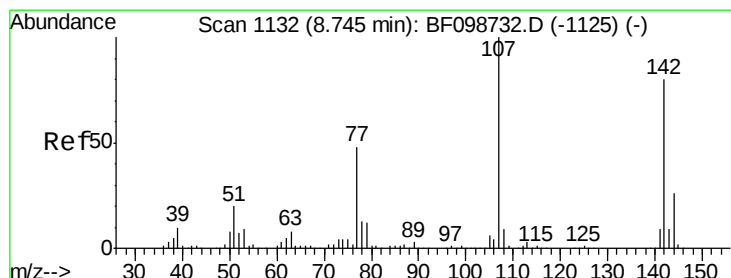
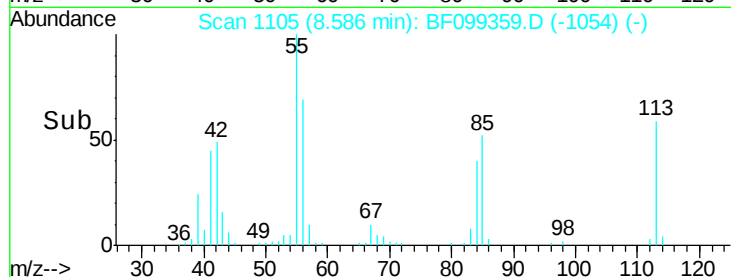
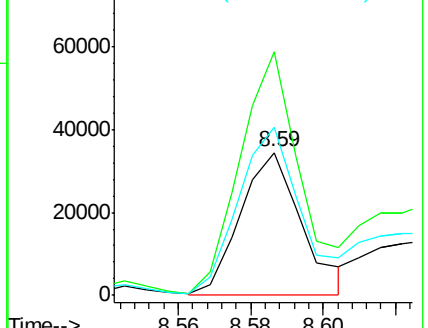
56 117.7 115.7 155.7



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: 45.47 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

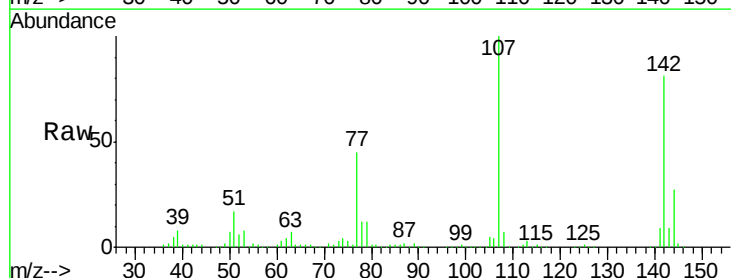
Tgt Ion:107 Resp: 305471

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

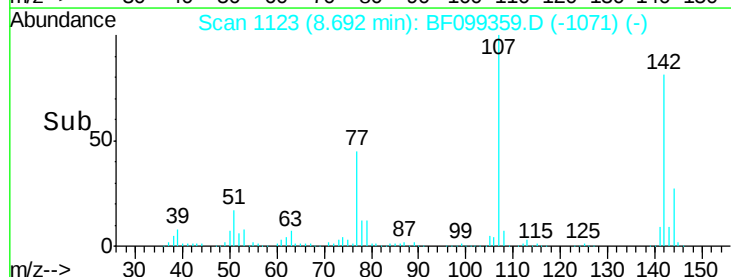
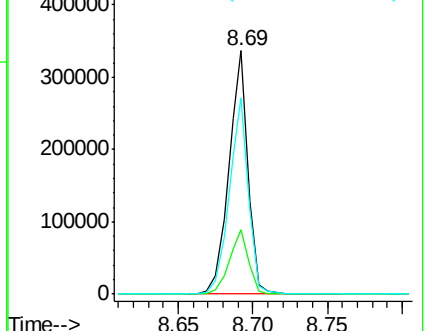
142 80.8 62.0 93.0

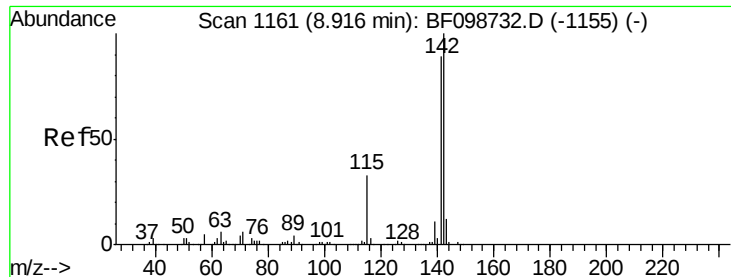


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

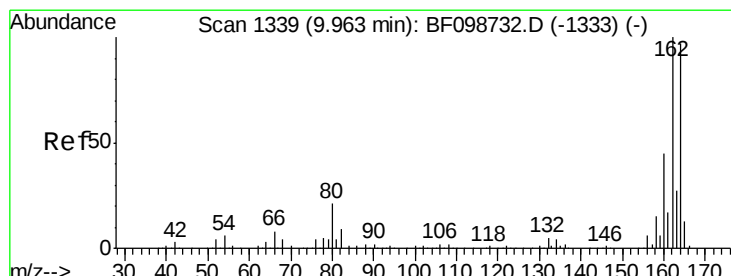
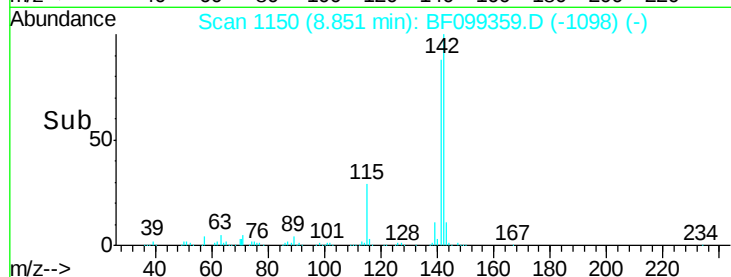
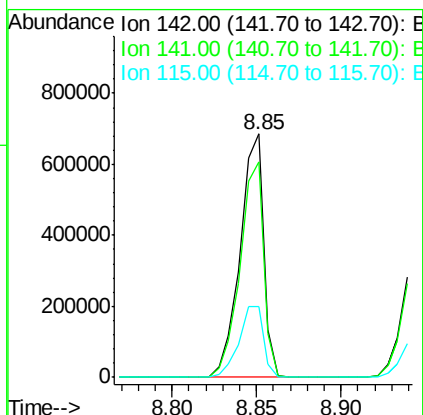
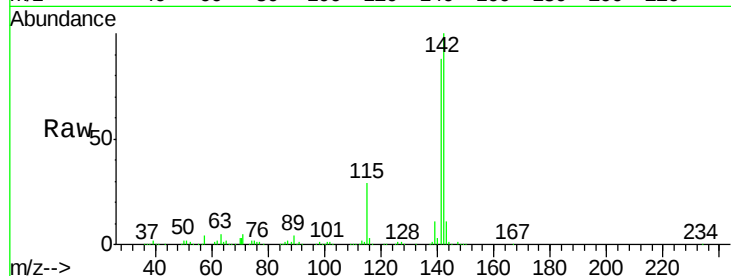




#37
2-Methylnaphthalene
Concen: 50.50 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

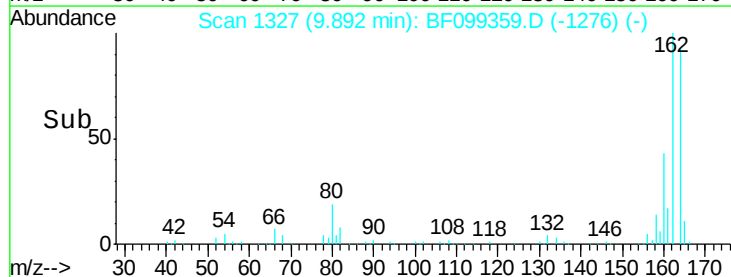
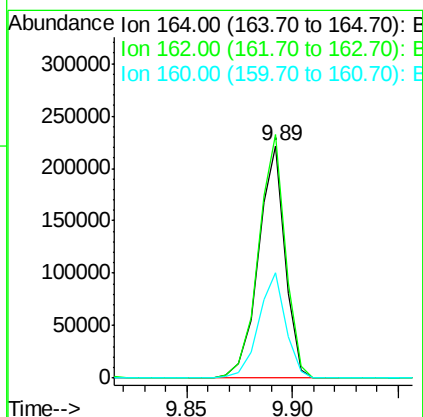
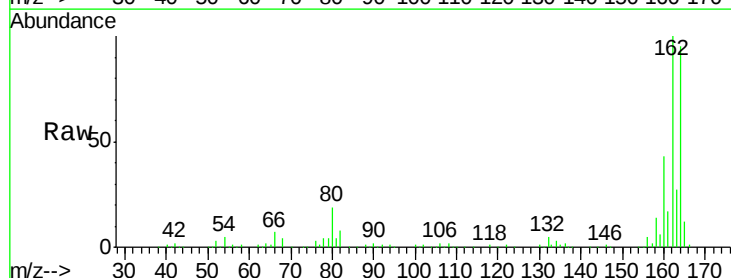
Instrument :
BNA_F
ClientSampled :

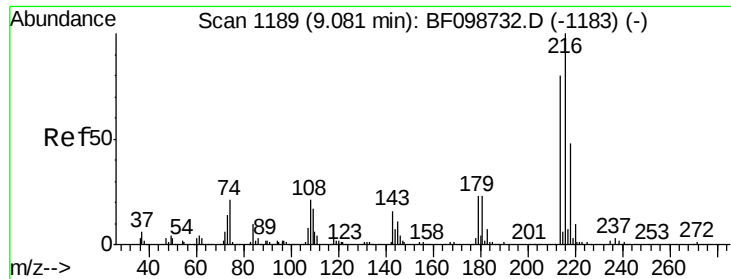
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	29.3	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.1	38.3	57.5

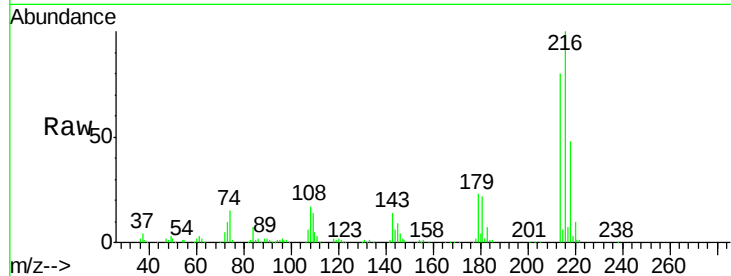




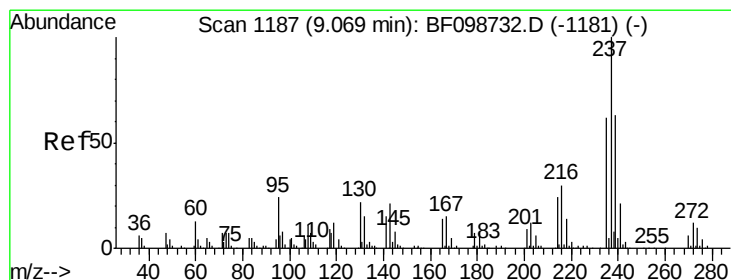
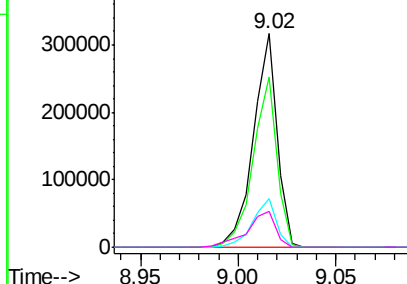
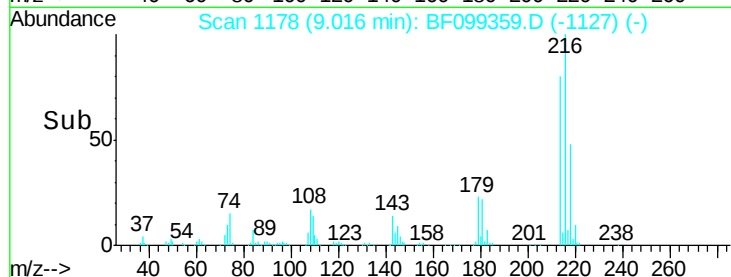
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.30 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	267866
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.0 94.4
179	22.5	18.1 27.1
108	20.3	17.2 25.8

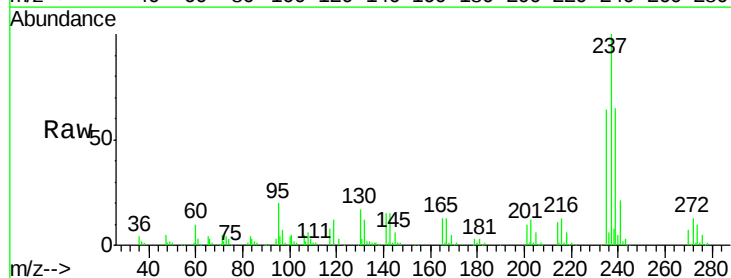


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

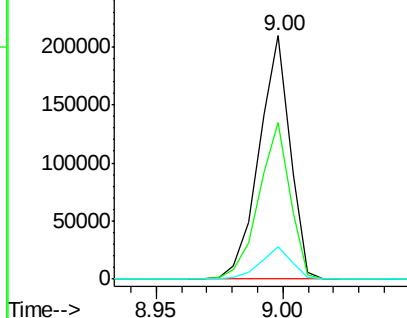
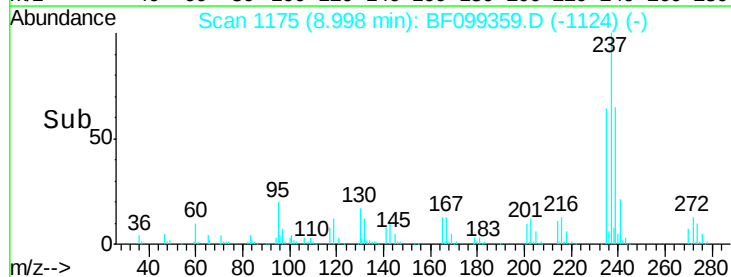


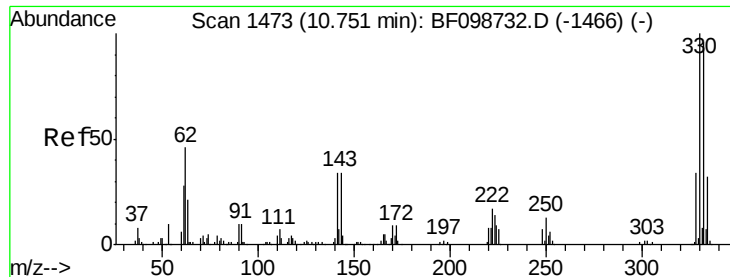
#40
 Hexachlorocyclopentadiene
 Concen: 67.80 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion:237	Resp:	179244
Ion Ratio	Lower	Upper
237	100	
235	64.3	44.8 84.8
272	13.4	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

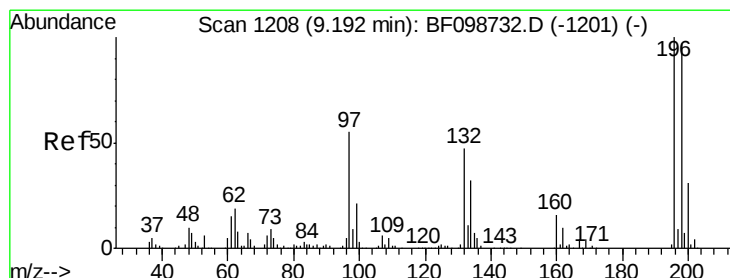
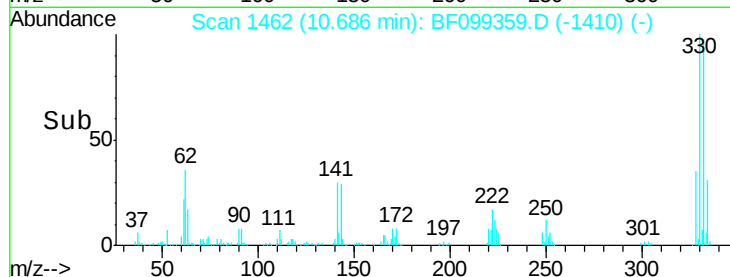
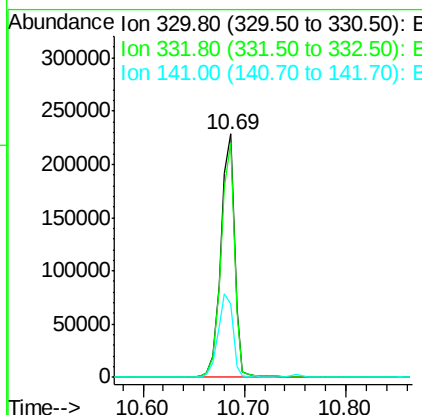
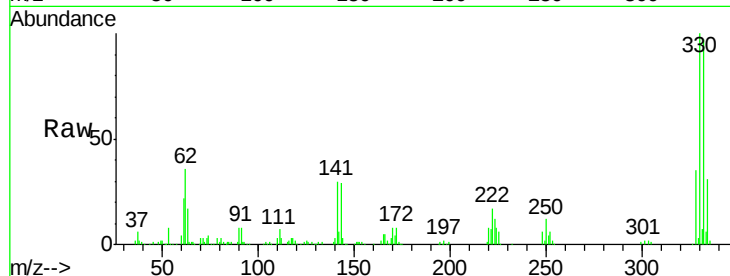




#41
 2,4,6-Tribromophenol
 Concen: 136.46 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

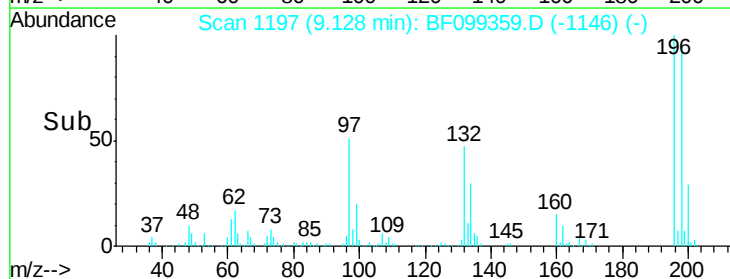
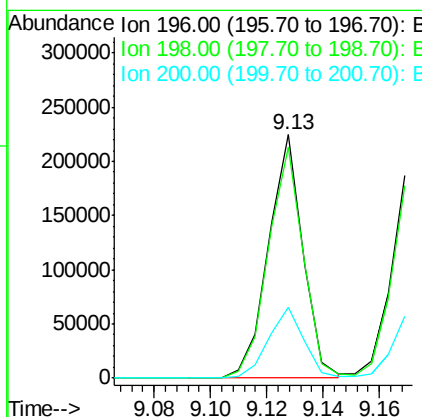
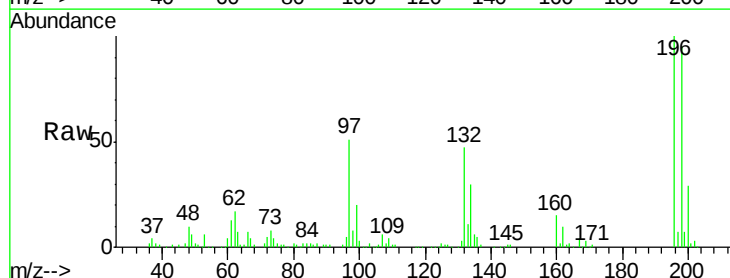
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 216612
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 37.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.27 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion:196 Resp: 189629
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 29.3 24.5 36.7

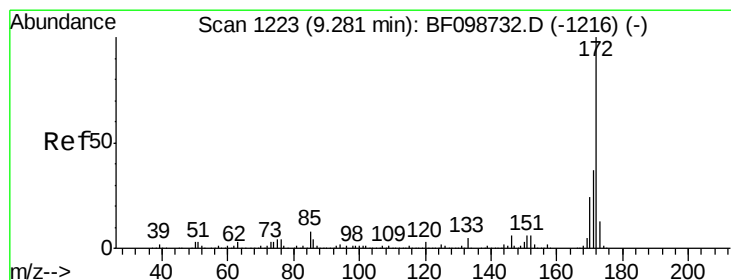
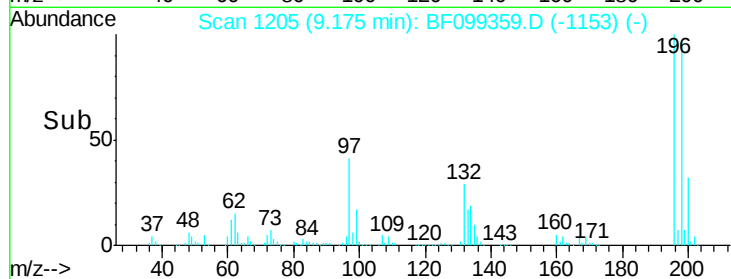
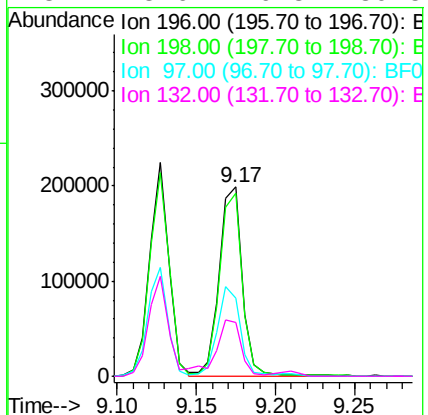
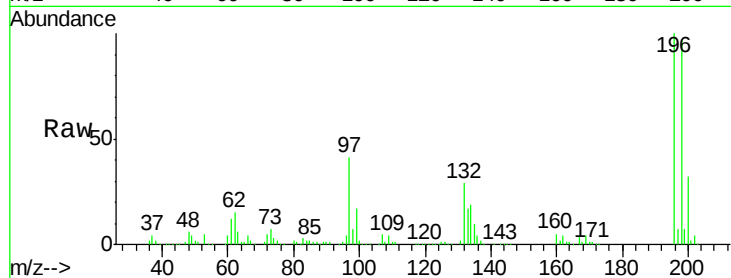




#43
 2,4,5-Trichlorophenol
 Concen: 48.89 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

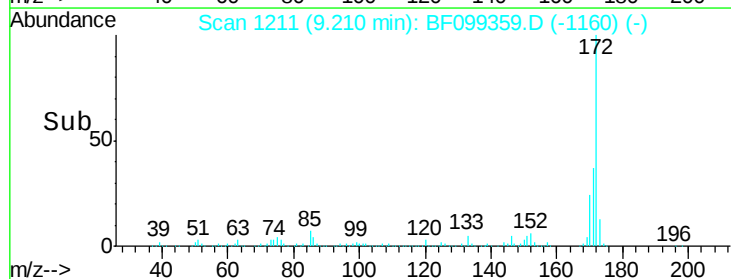
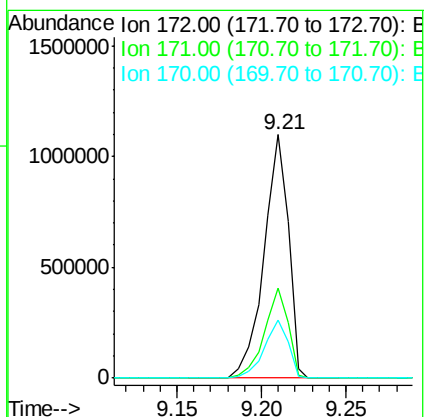
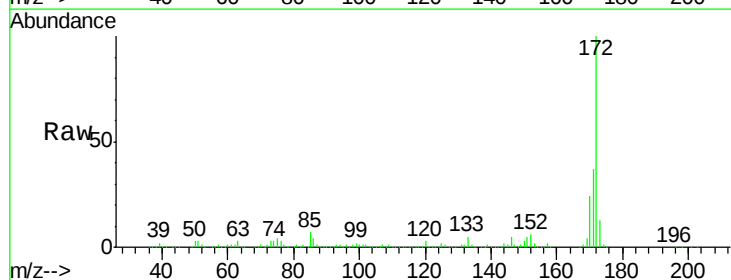
Instrument :
 BNA_F
 ClientSampleId :

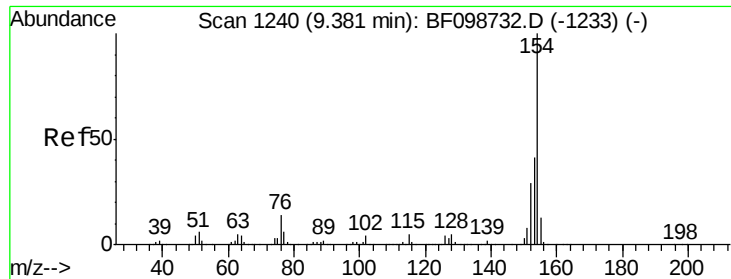
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.6	112.0
97	41.5	42.9	64.3
132	28.6	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 94.09 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.6	19.6	29.4

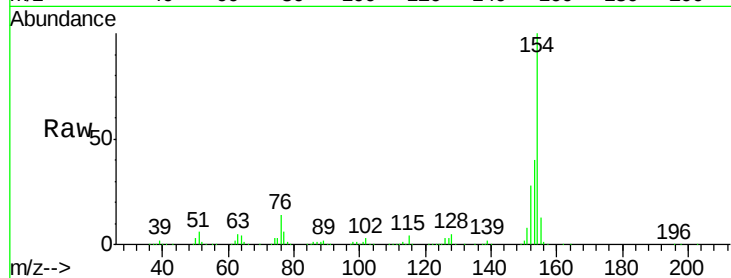




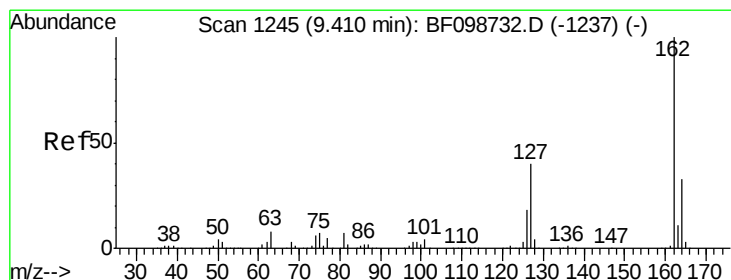
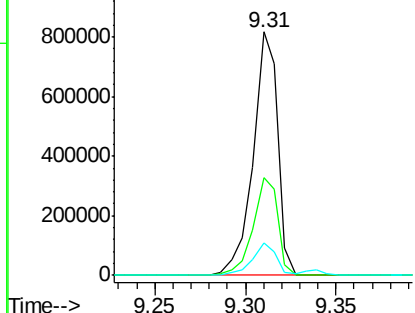
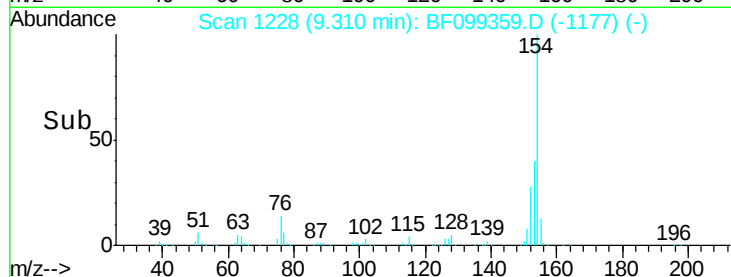
#45
 1,1'-Biphenyl
 Concen: 45.94 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	13.5	0.0	34.0

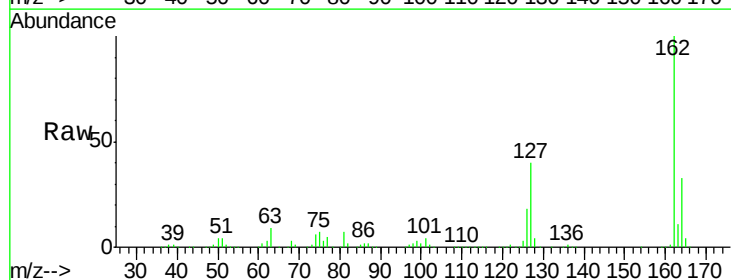


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

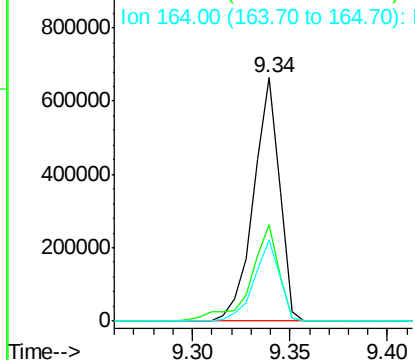
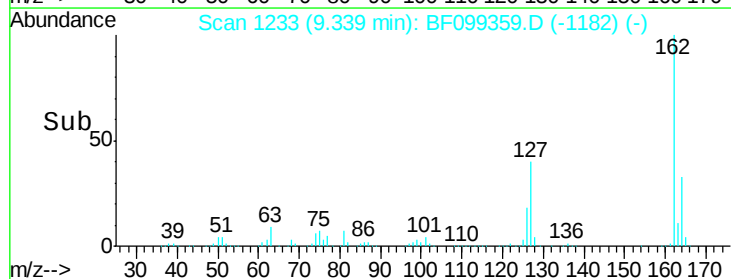


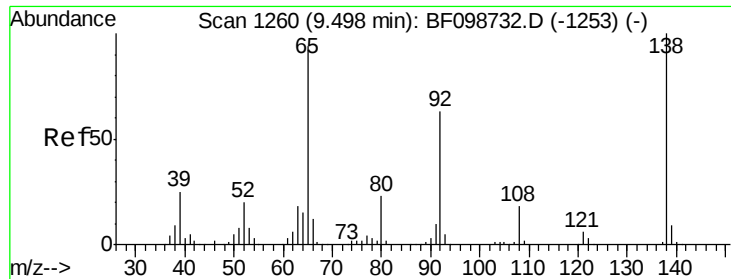
#46
 2-Chloronaphthalene
 Concen: 48.73 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	33.5	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

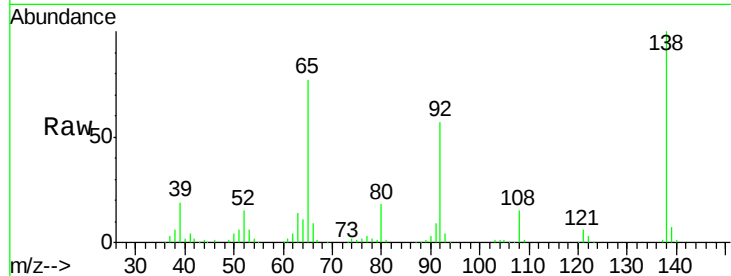




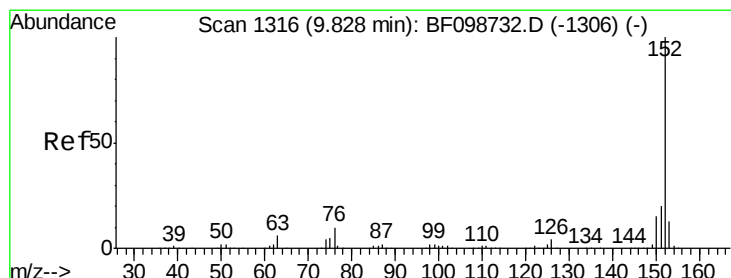
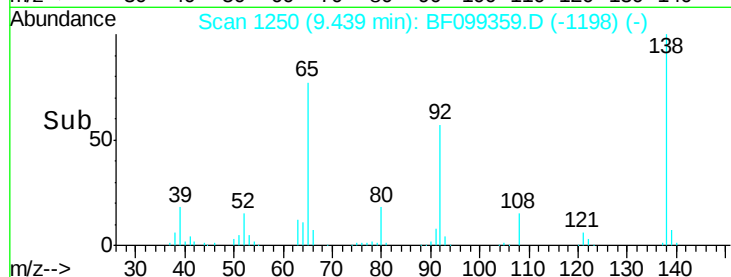
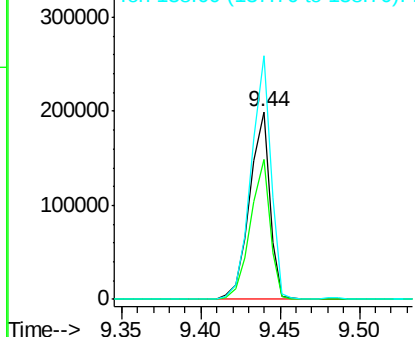
#47
2-Nitroaniline
Concen: 45.83 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 175683
Ion Ratio Lower Upper
65 100
92 74.5 55.8 83.6
138 129.7 91.2 136.8

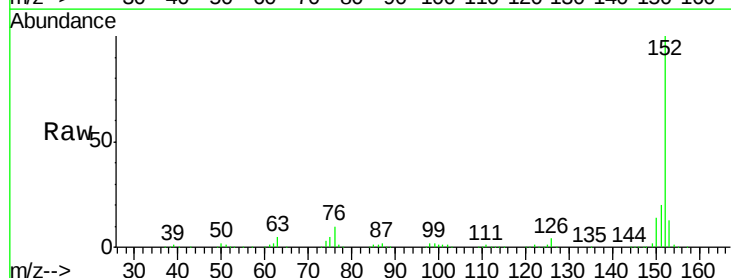


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

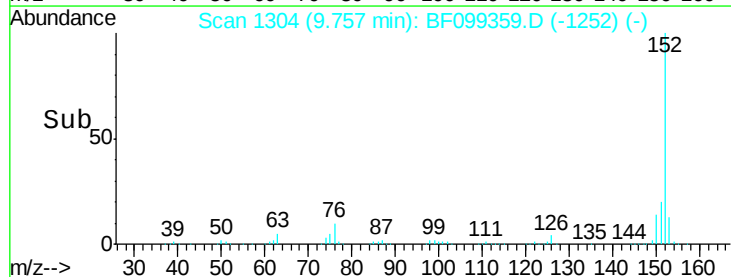
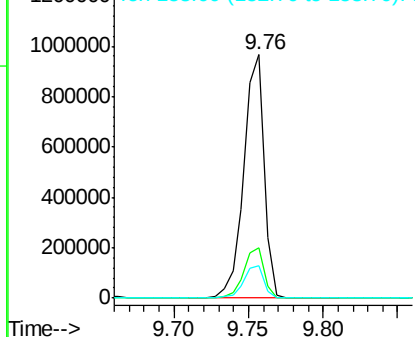


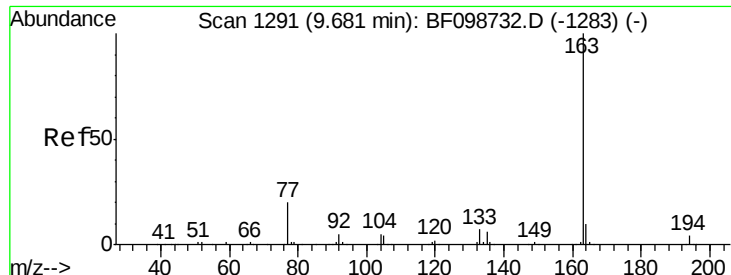
#48
Acenaphthylene
Concen: 47.59 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:152 Resp: 912012
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1



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

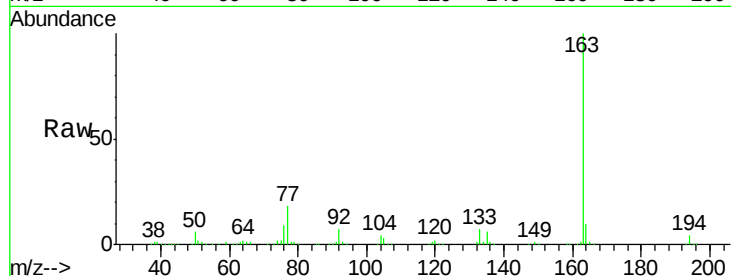




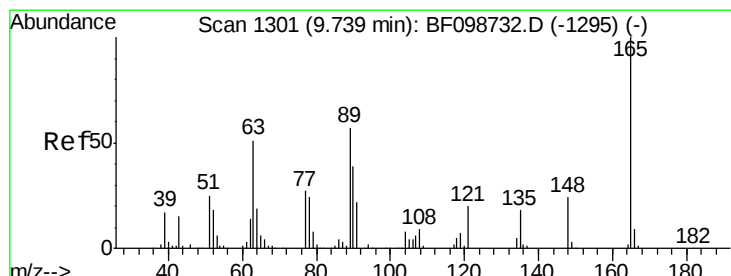
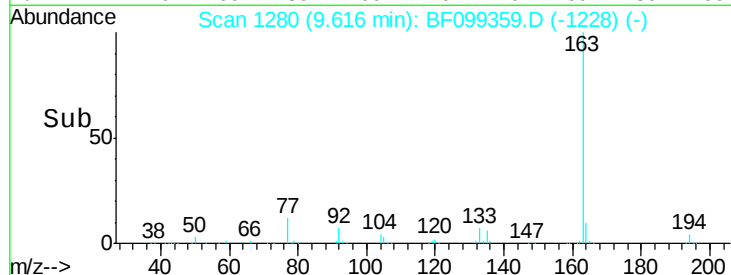
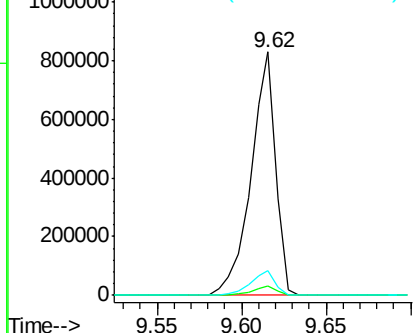
#49
Dimethylphthalate
Concen: 57.61 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 843421
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

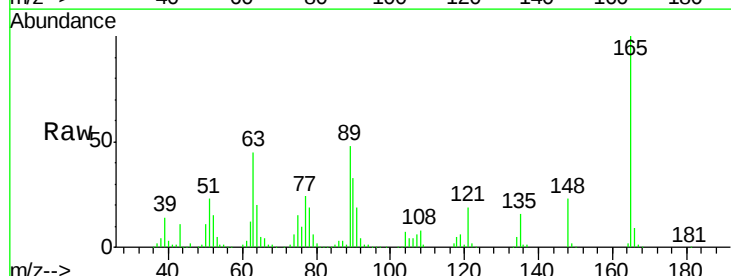


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

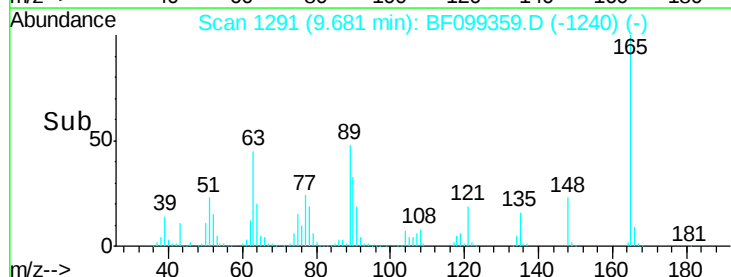
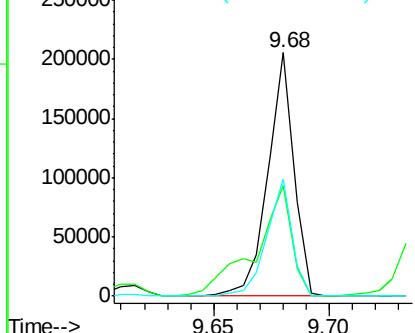


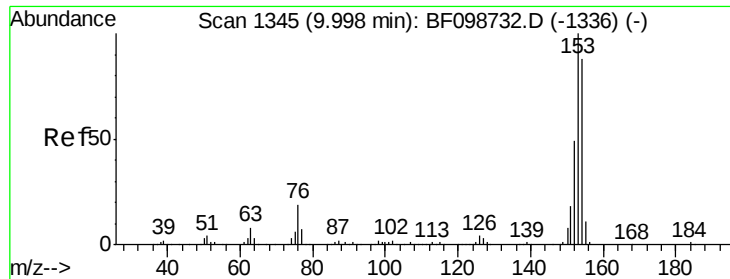
#50
2,6-Dinitrotoluene
Concen: 50.54 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:165 Resp: 161090
Ion Ratio Lower Upper
165 100
63 45.2 44.7 67.1
89 48.1 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: 43.72 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

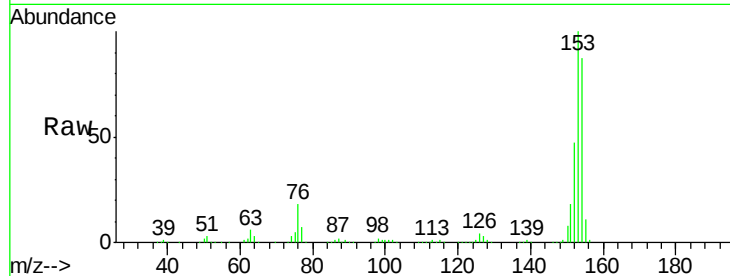
Tot Ion:154 Resp: 530707

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

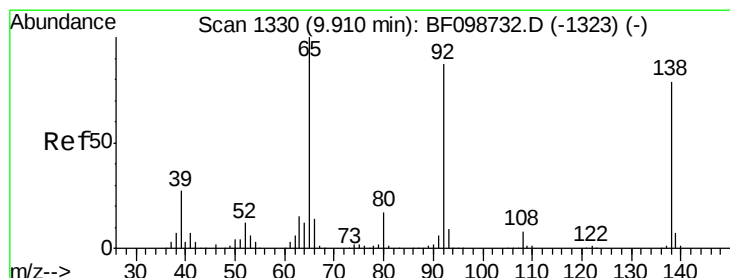
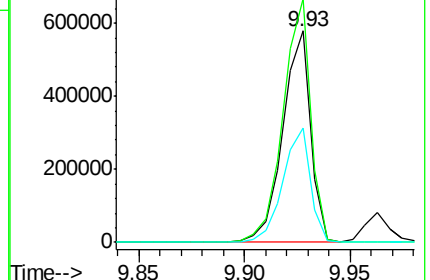
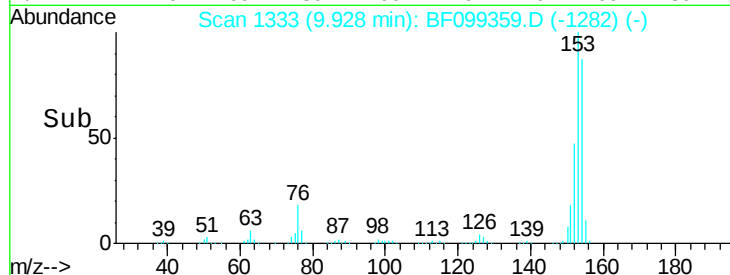
152 54.0 43.8 65.8



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: 38.74 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

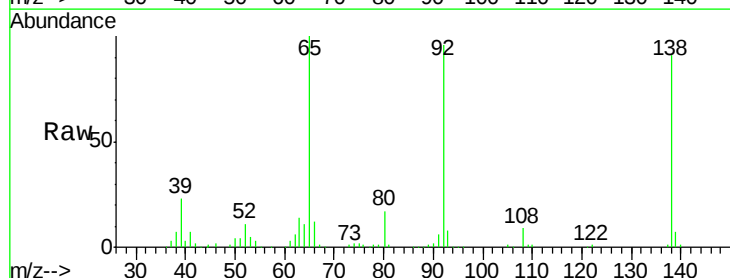
Tgt Ion:138 Resp: 143976

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

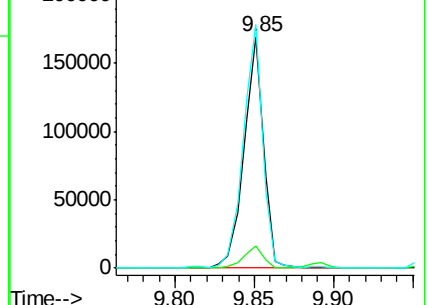
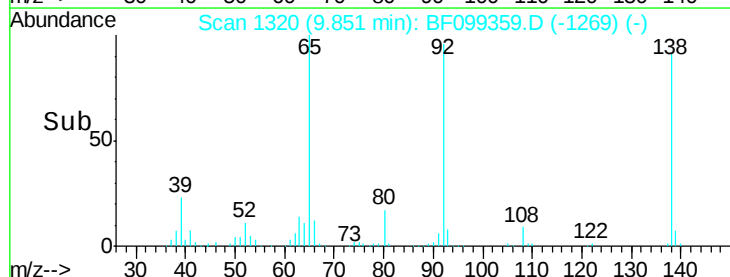
92 105.5 89.4 134.2

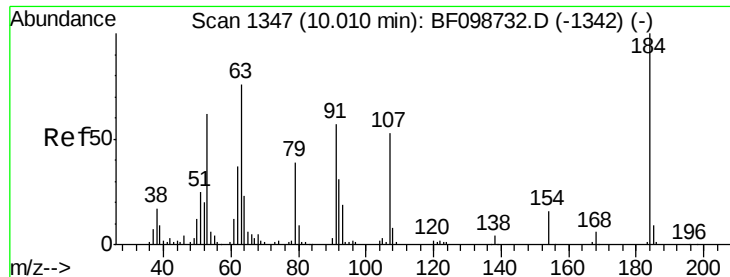


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

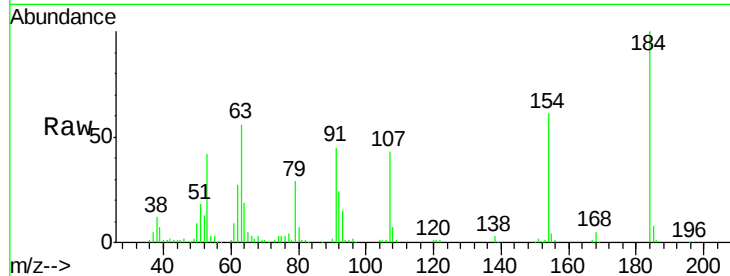




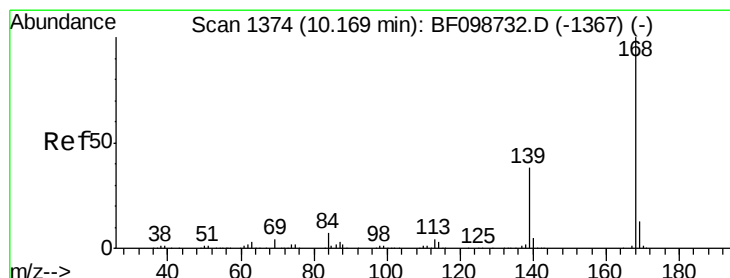
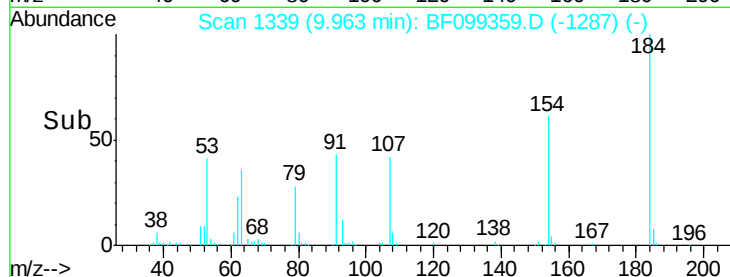
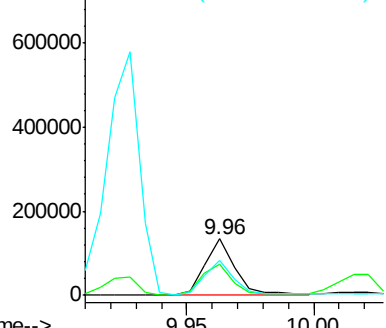
#53
2,4-Dinitrophenol
Concen: 68.67 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 112491
Ion Ratio Lower Upper
184 100
63 56.0 54.2 81.2
154 61.0 53.5 80.3

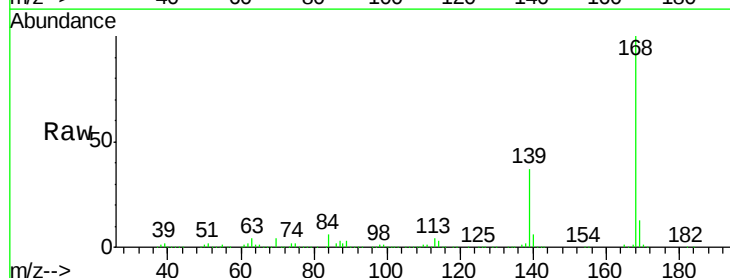


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

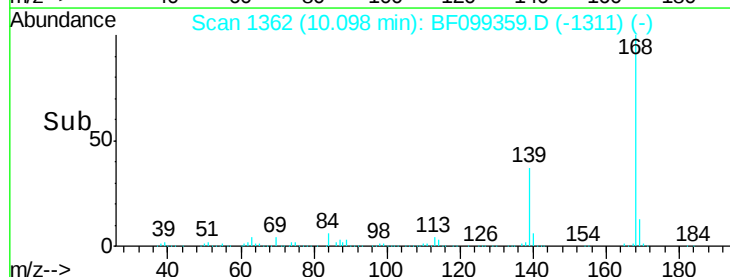
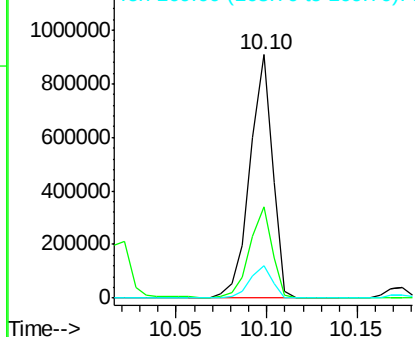


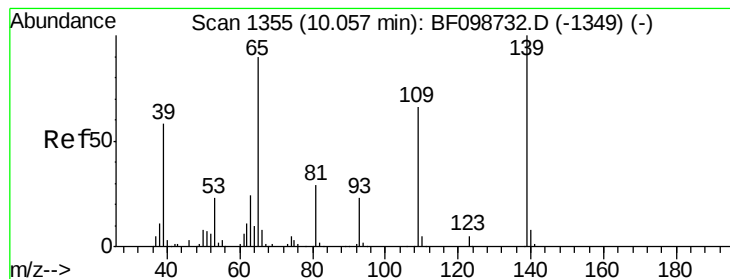
#54
Dibenzofuran
Concen: 48.87 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:168 Resp: 789911
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 72.70 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

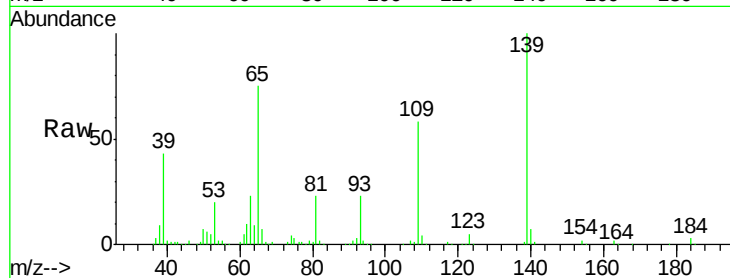
Tot Ion:139 Resp: 228462

Ion Ratio Lower Upper

139 100

109 57.7 48.4 88.4

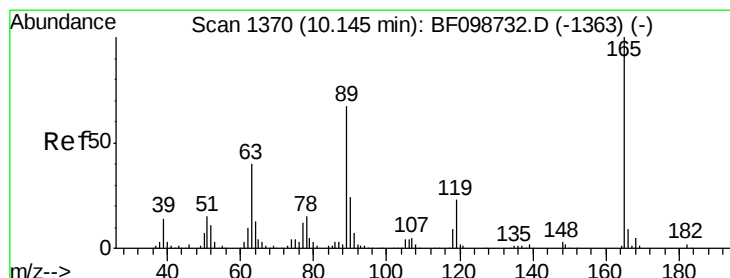
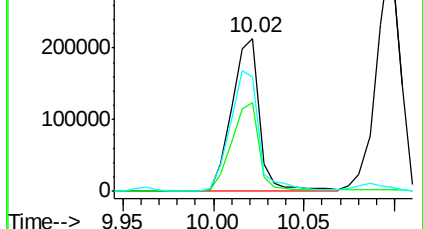
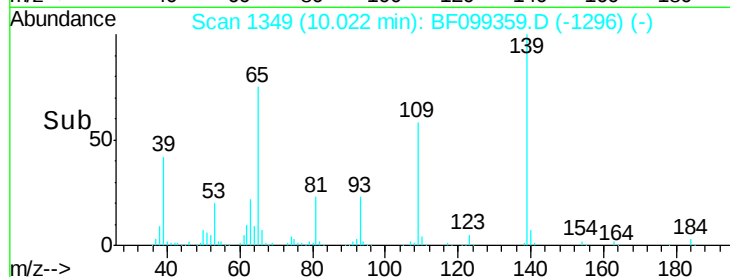
65 74.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.23 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:165 Resp: 203661

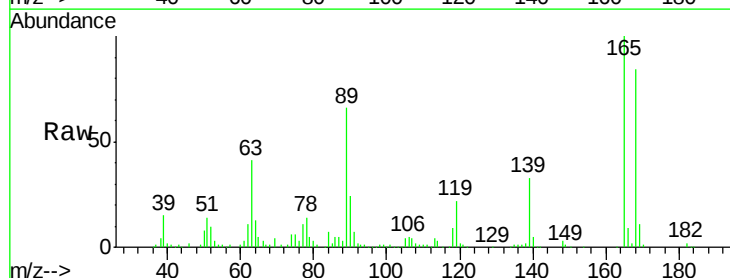
Ion Ratio Lower Upper

165 100

63 40.8 36.4 54.6

89 66.1 57.8 86.6

182 2.3 1.6 2.4

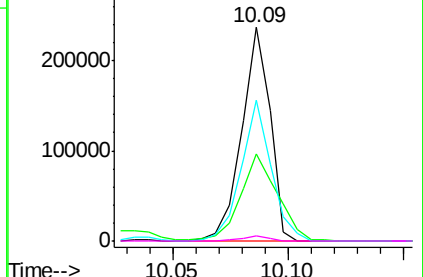
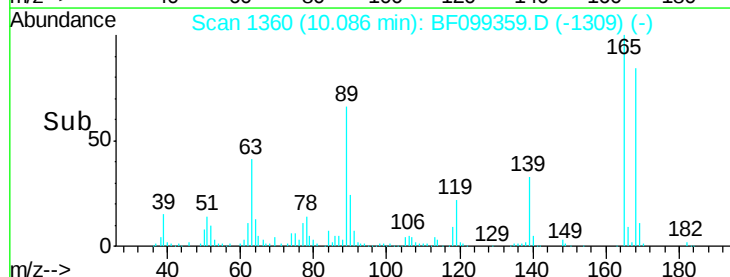


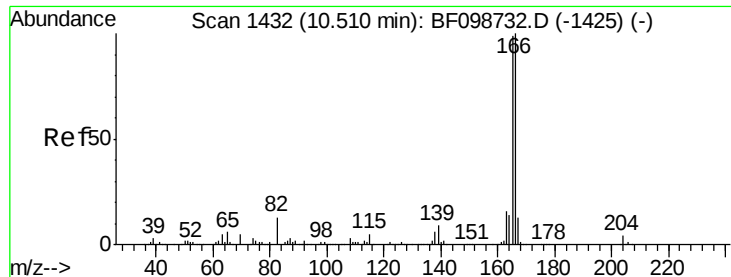
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.43 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

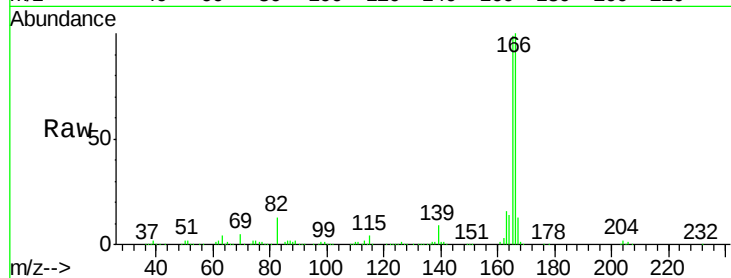
Tot Ion:166 Resp: 616095

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

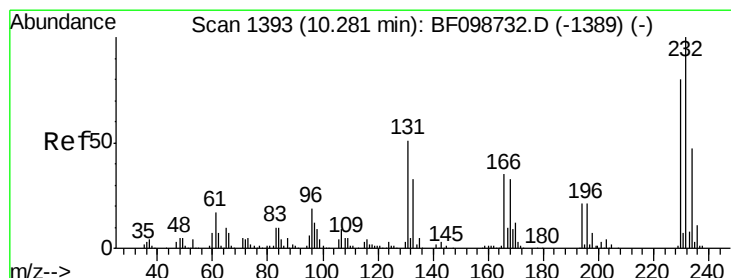
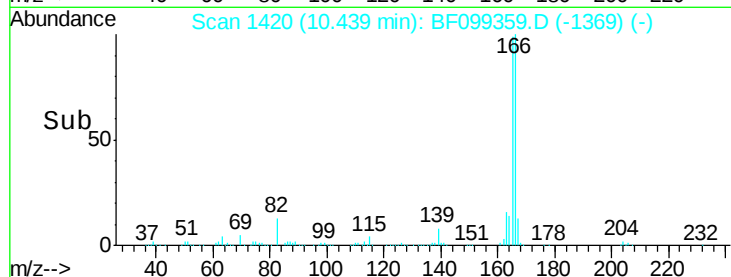
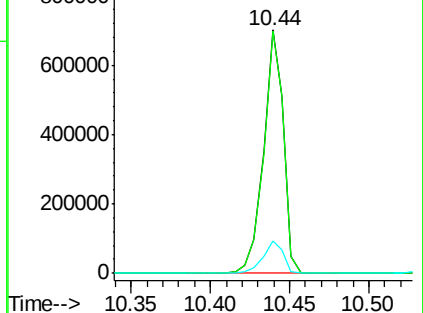
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.93 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion:232 Resp: 143945

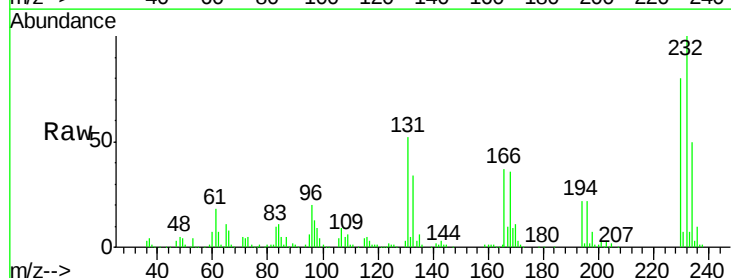
Ion Ratio Lower Upper

232 100

131 51.1 43.8 65.8

130 2.4 2.1 3.1

166 34.0 27.8 41.6

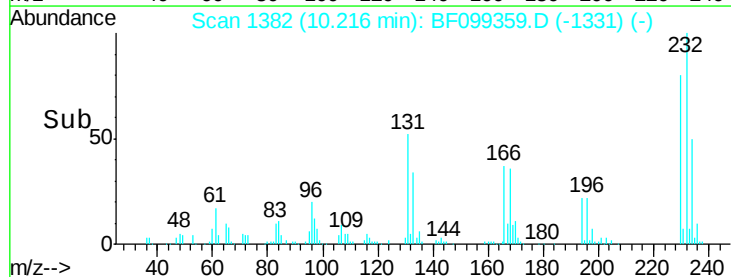
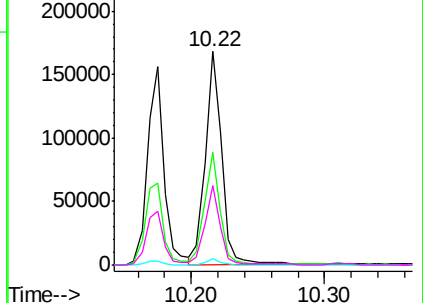


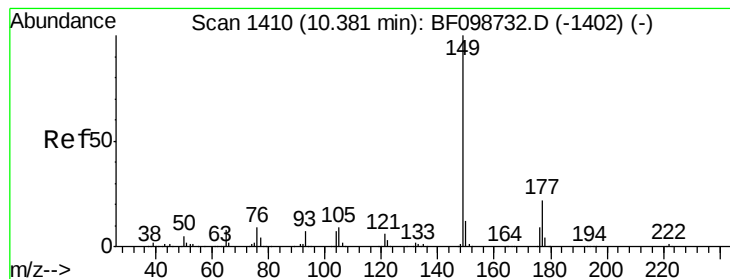
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.78 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

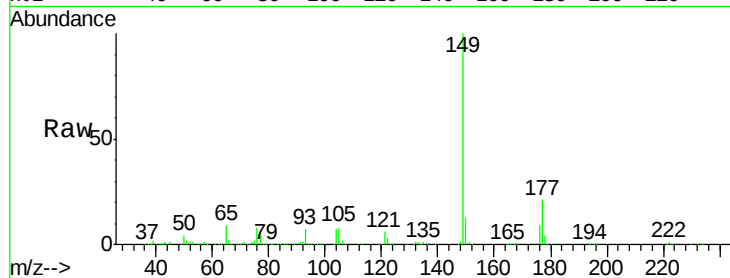
Tot Ion:149 Resp: 654923

Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

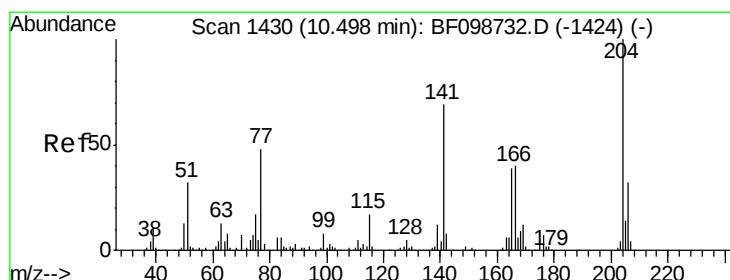
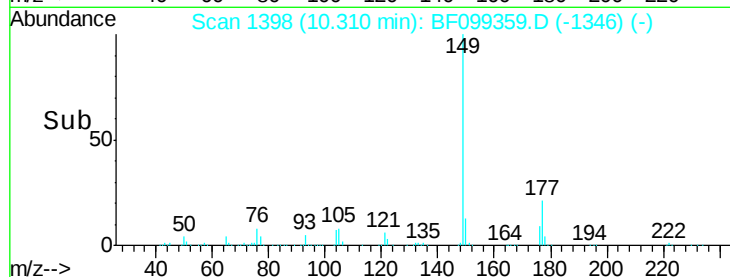
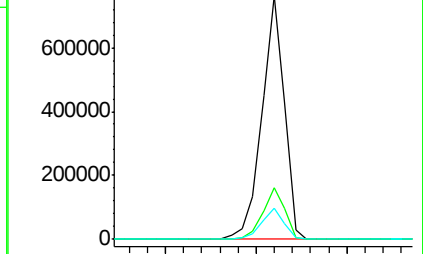
150 12.7 10.1 15.1



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: 48.53 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

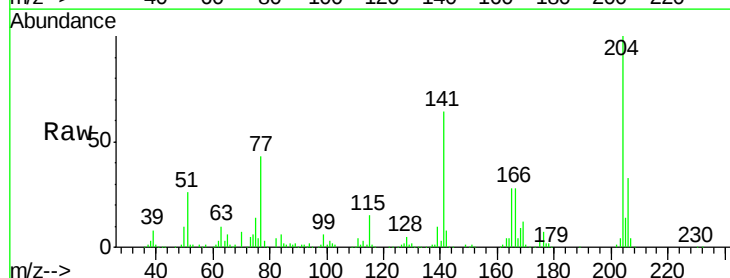
Tgt Ion:204 Resp: 283215

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

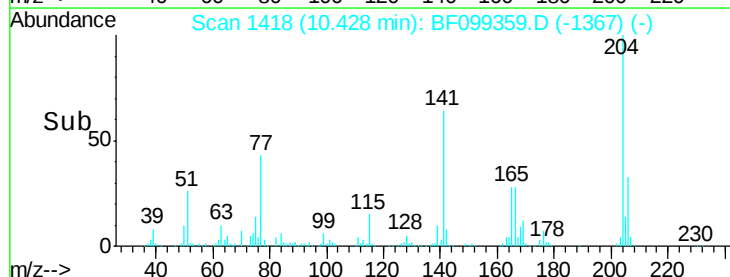
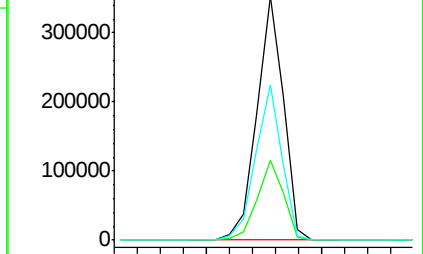
141 63.7 54.6 81.8

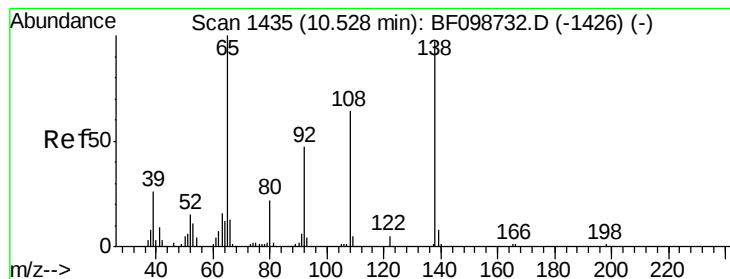


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.55 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

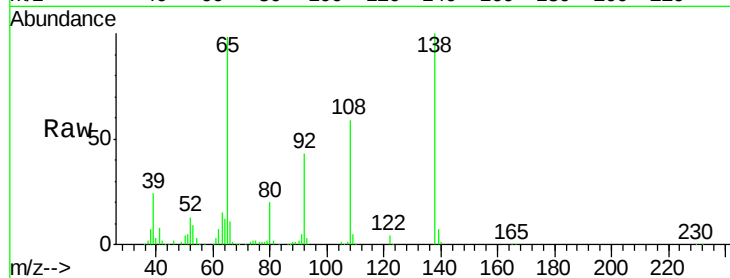
Tot Ion:138 Resp: 174096

Ion Ratio Lower Upper

138 100

92 43.5 30.2 70.2

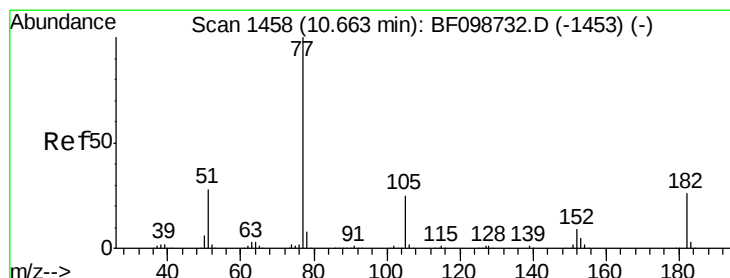
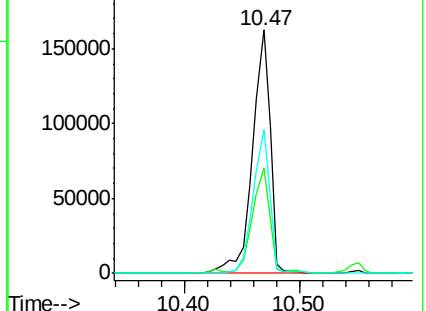
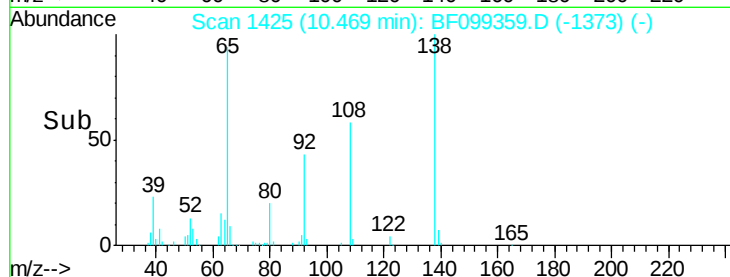
108 59.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.08 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Tgt Ion: 77 Resp: 606203

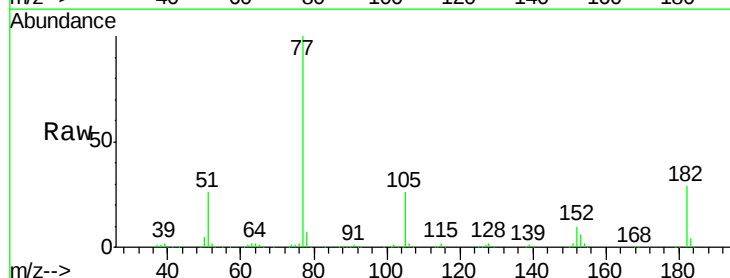
Ion Ratio Lower Upper

77 100

182 28.5 1.7 41.7

105 25.7 3.0 43.0

51 25.6 9.9 49.9

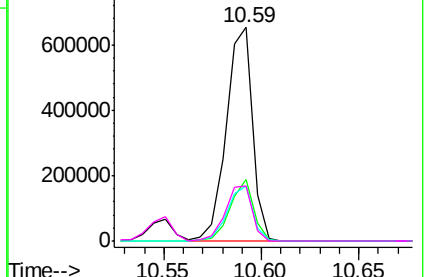
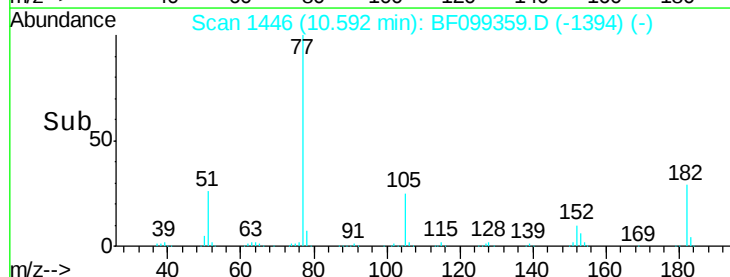


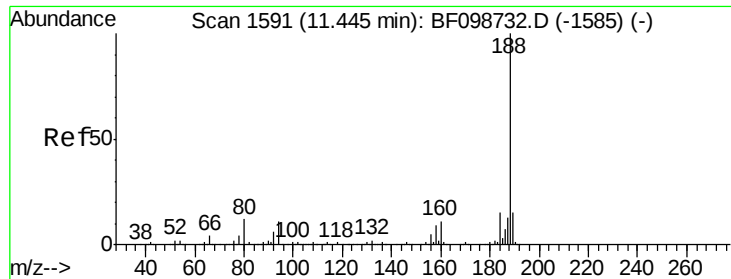
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

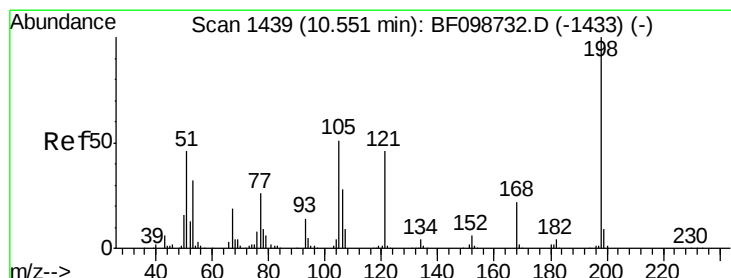
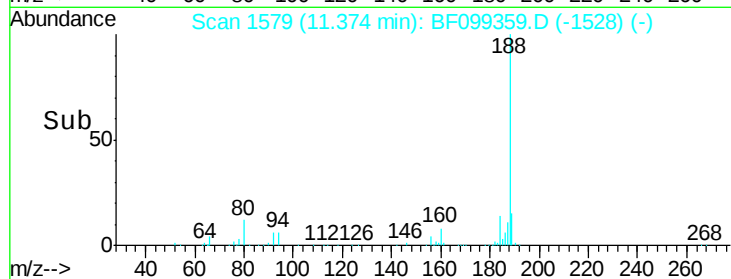
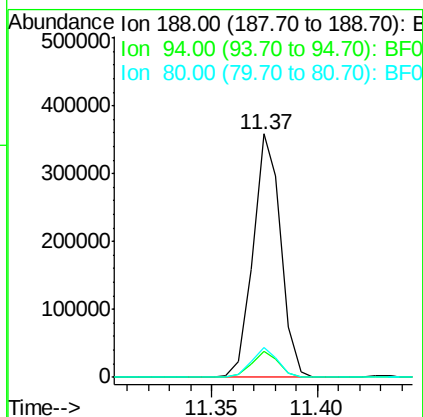
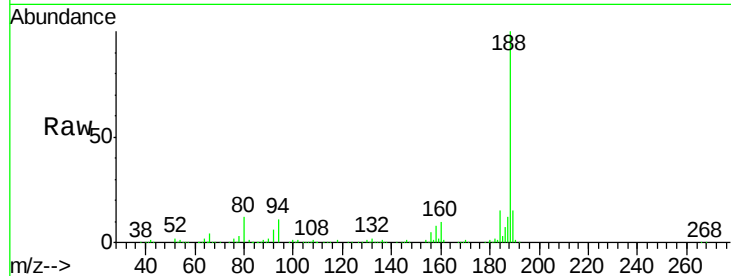




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

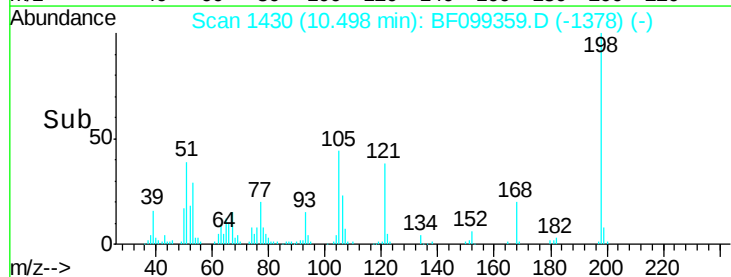
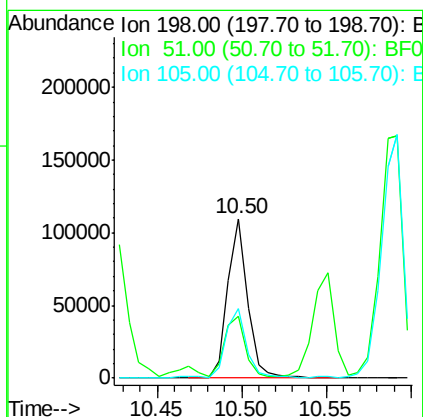
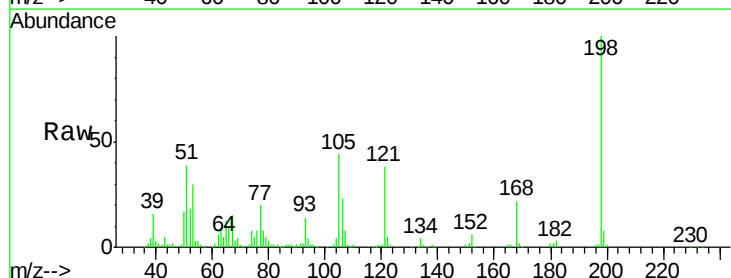
Instrument :
BNA_F
ClientSampled :

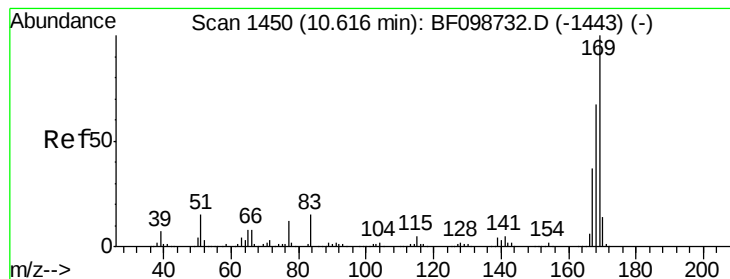
Tot Ion:188 Resp: 326921
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 45.52 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:198 Resp: 90546
Ion Ratio Lower Upper
198 100
51 38.9 37.7 77.7
105 43.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 48.99 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

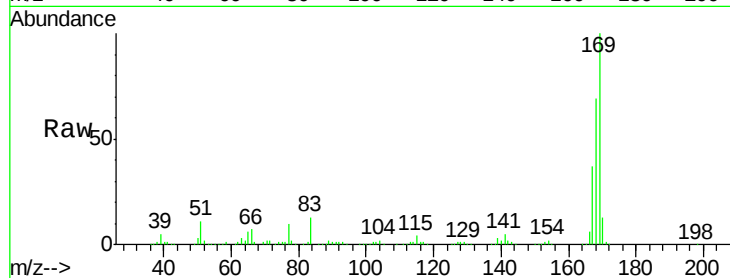
Tot Ion:169 Resp: 554792

Ion Ratio Lower Upper

169 100

168 68.6 54.4 81.6

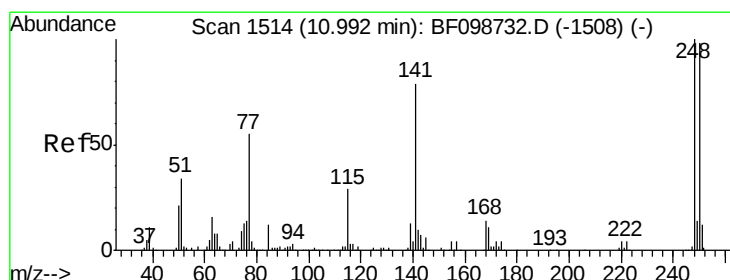
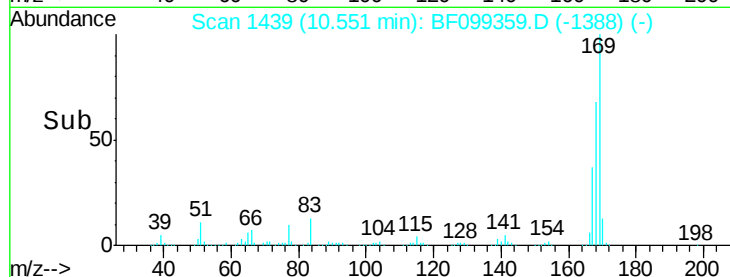
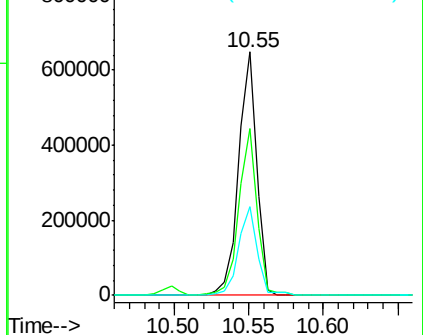
167 36.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.16 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

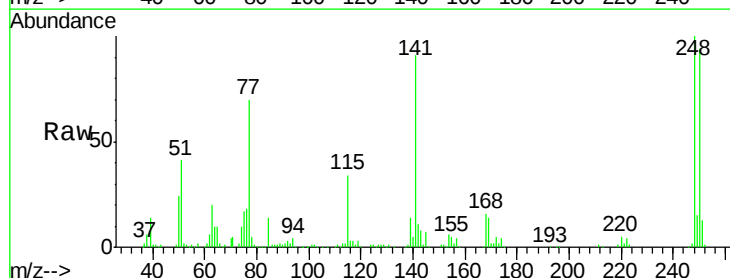
Tgt Ion:248 Resp: 163703

Ion Ratio Lower Upper

248 100

250 94.4 76.9 115.3

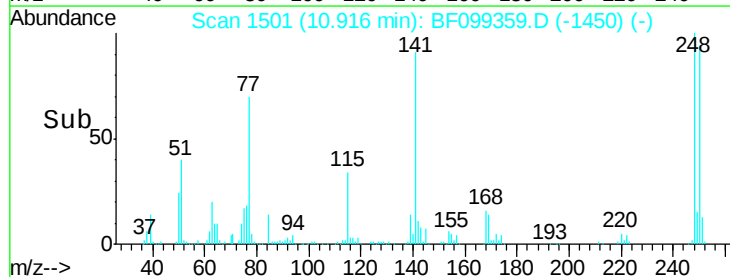
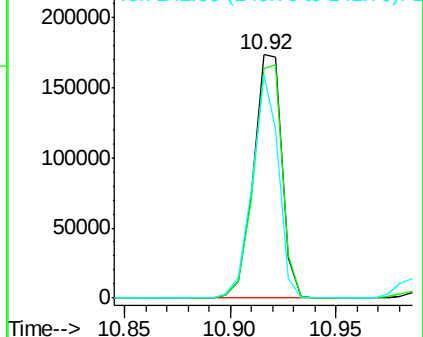
141 91.4 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

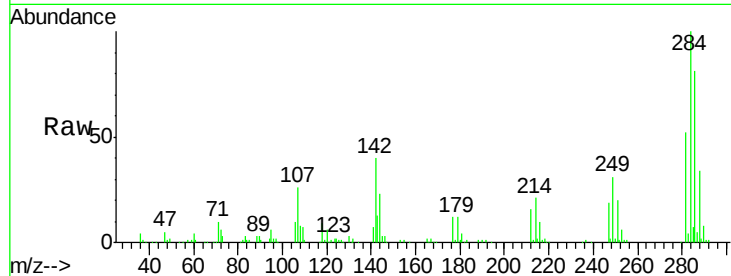




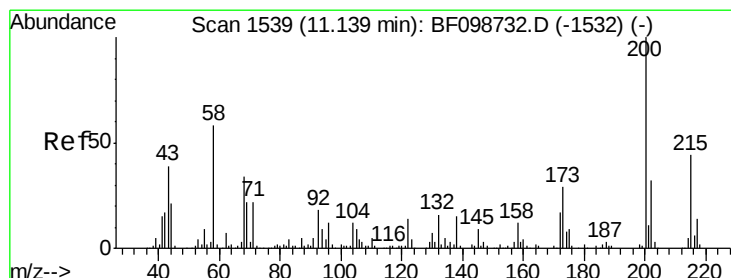
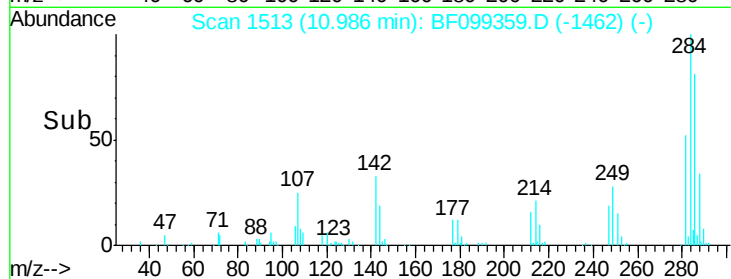
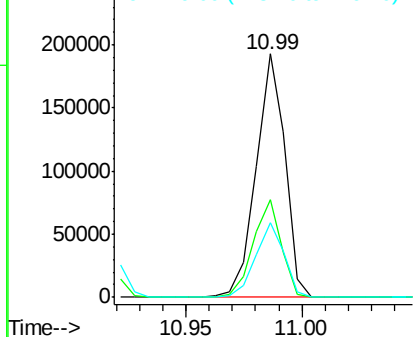
#67
Hexachlorobenzene
Concen: 49.09 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 167784
Ion Ratio Lower Upper
284 100
142 40.0 34.6 52.0
249 30.7 24.8 37.2

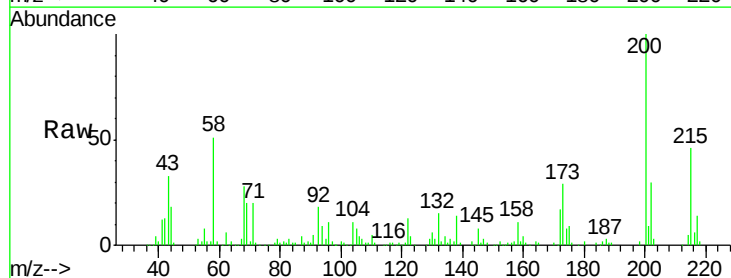


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

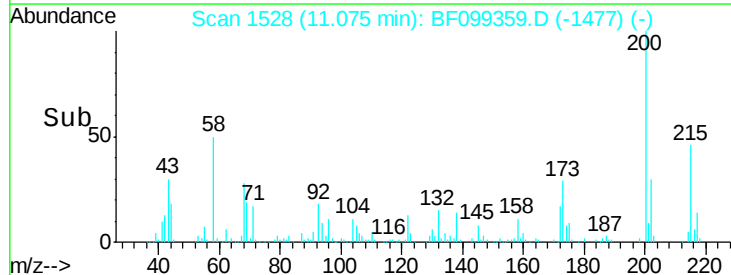
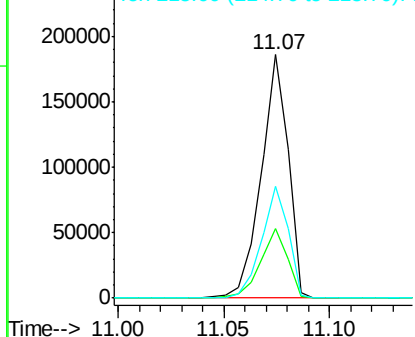


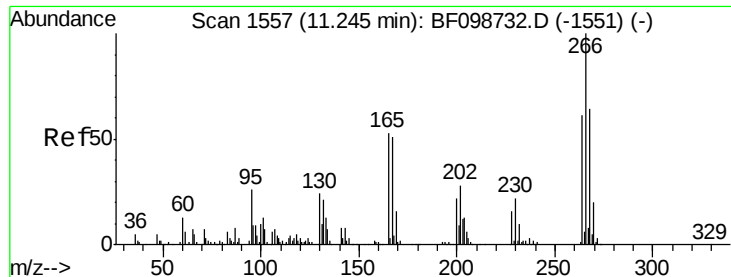
#68
Atrazine
Concen: 48.46 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:200 Resp: 165116
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 45.8 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

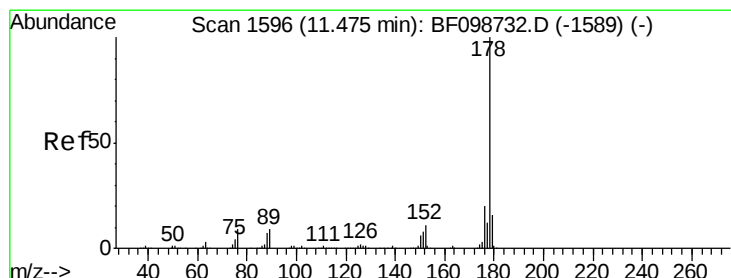
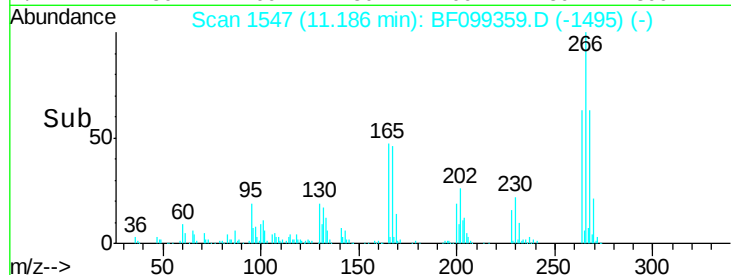
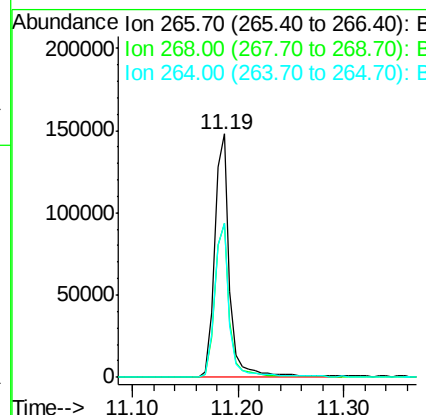
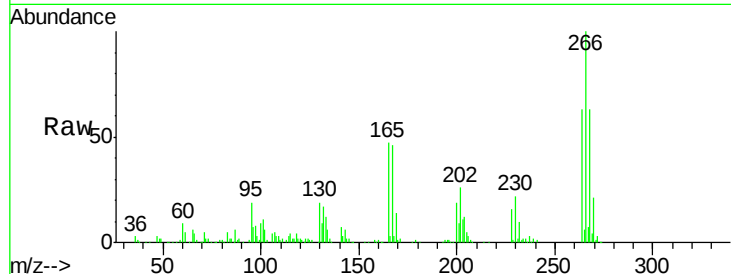




#69
 Pentachlorophenol
 Concen: 69.81 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

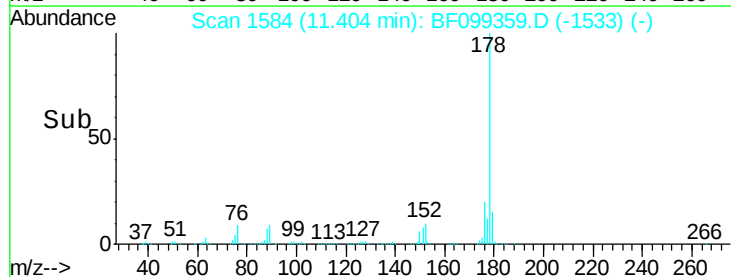
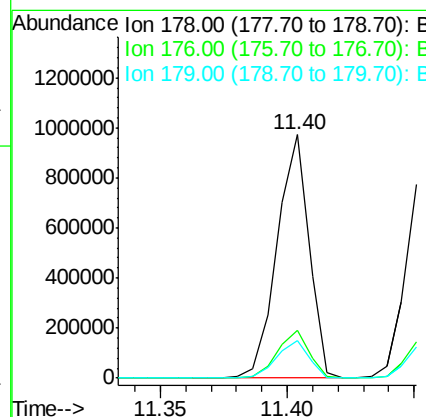
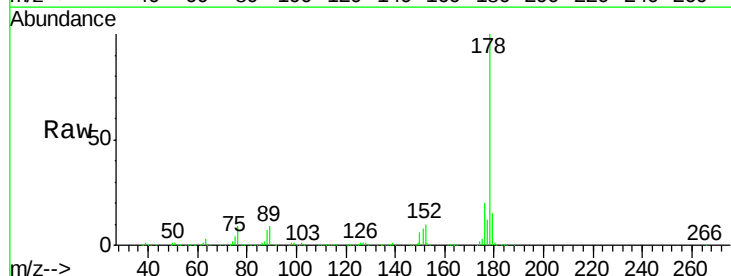
Instrument :
 BNA_F
 ClientSampleId :

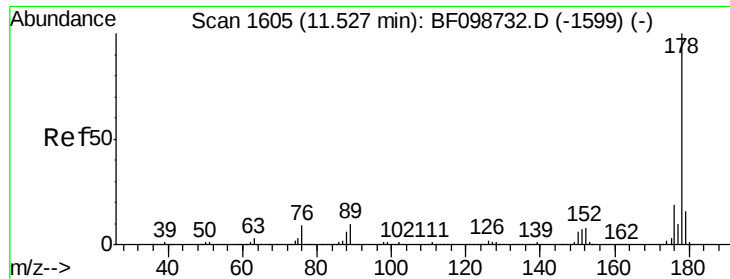
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.1	49.5	74.3



#70
 Phenanthrene
 Concen: 48.57 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.4	13.0	19.6

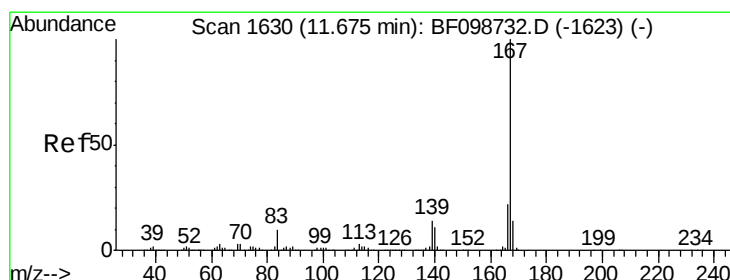
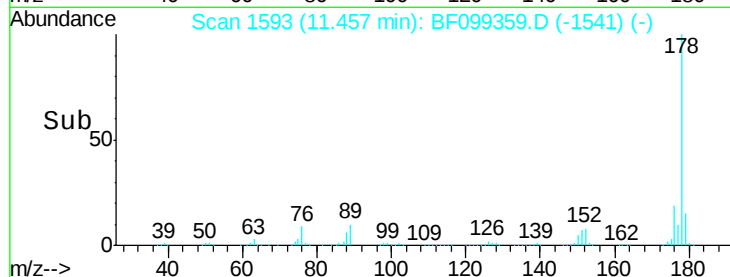
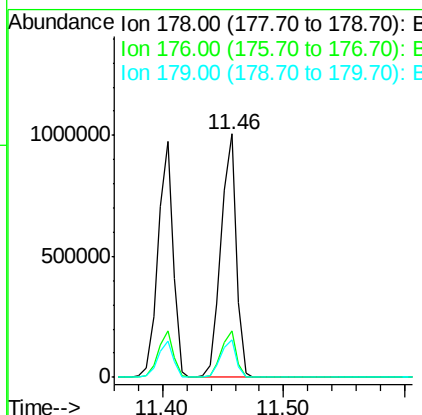
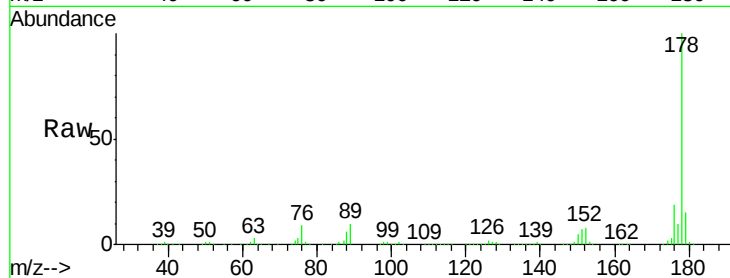




#71
 Anthracene
 Concen: 48.87 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

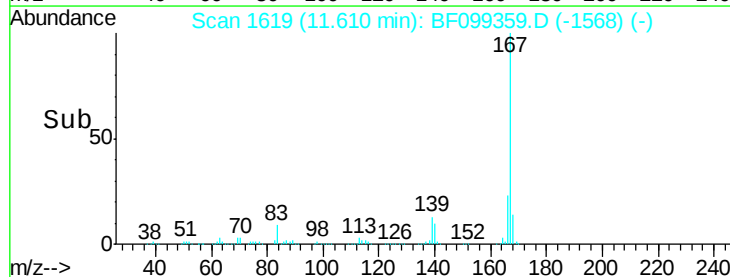
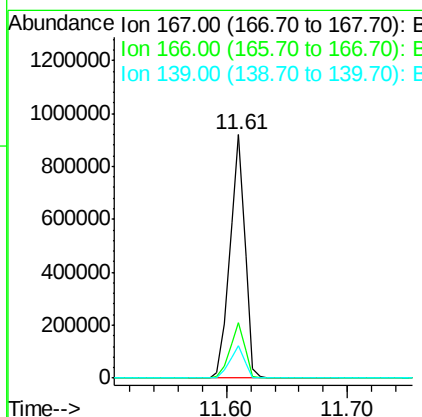
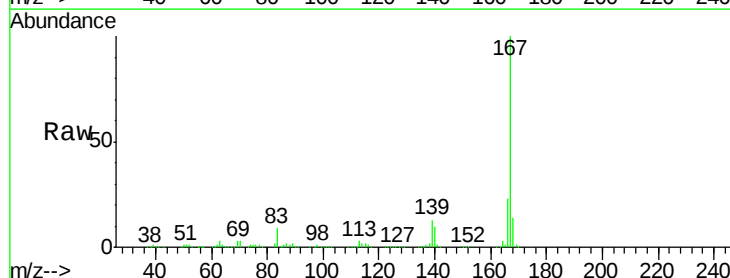
Instrument :
 BNA_F
 ClientSampleId :

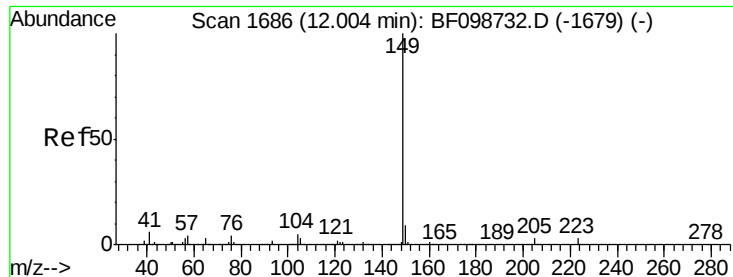
Tot Ion:178 Resp: 874958
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 45.39 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion:167 Resp: 795903
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.62 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

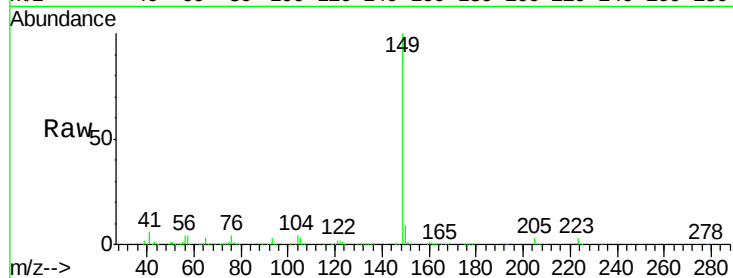
Tot Ion:149 Resp: 962836

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

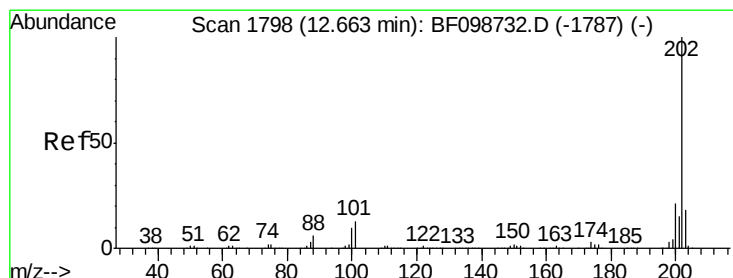
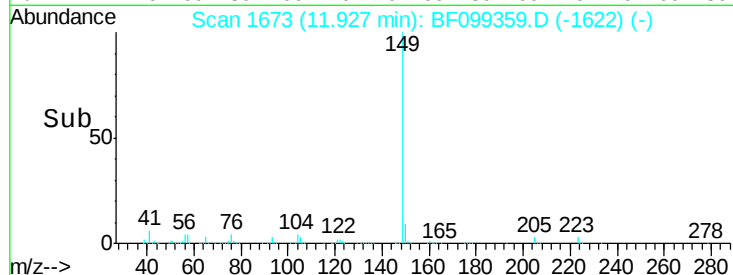
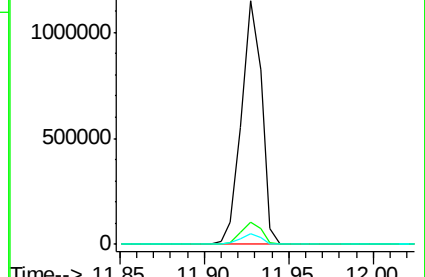
104 4.5 3.8 5.8



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: 44.27 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

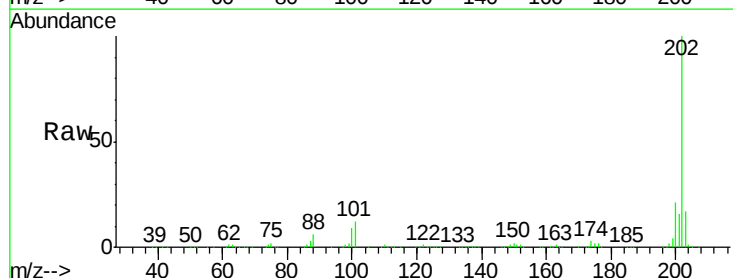
Tgt Ion:202 Resp: 784400

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

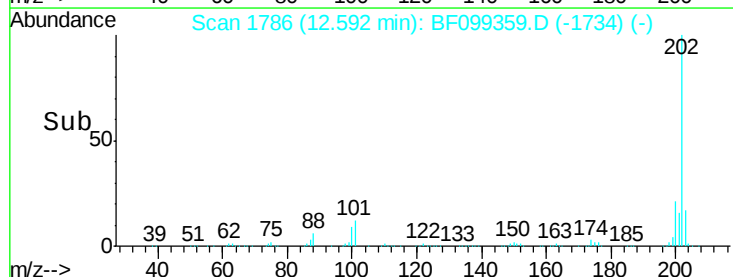
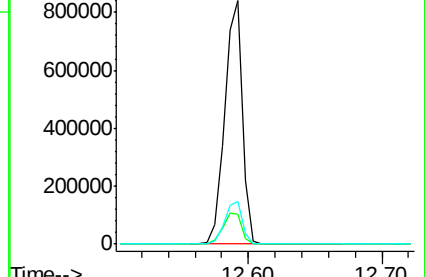
203 17.5 0.0 38.1

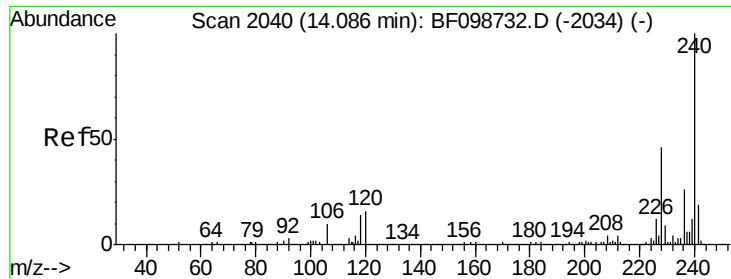


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

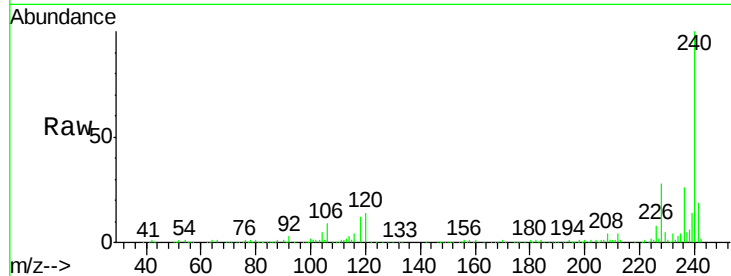
Tot Ion:240 Resp: 166044

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

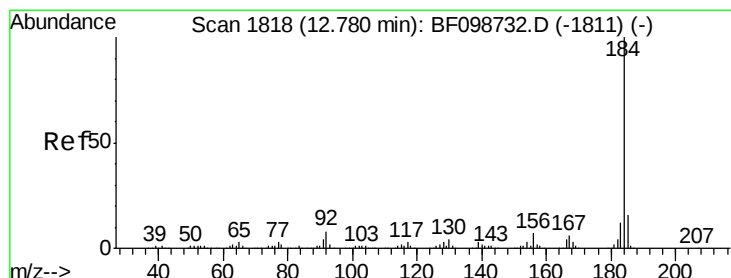
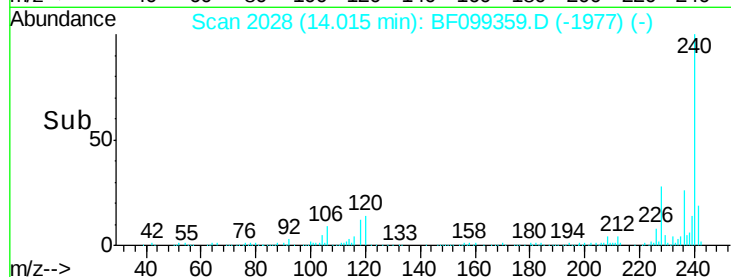
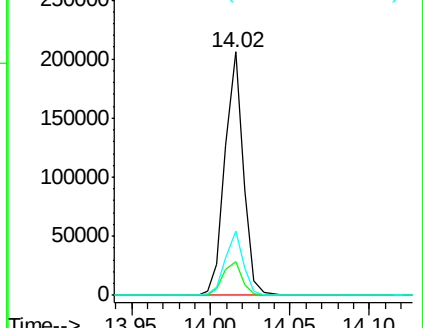
236 26.3 20.7 31.1



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: 21.46 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

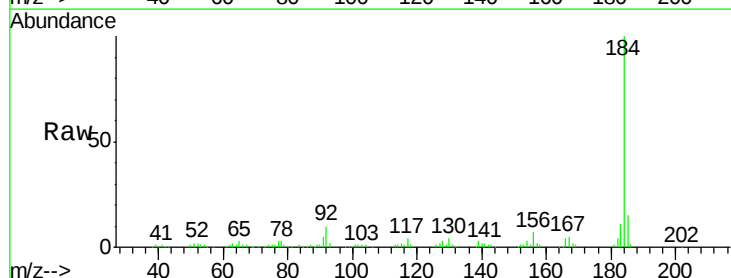
Tgt Ion:184 Resp: 131790

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

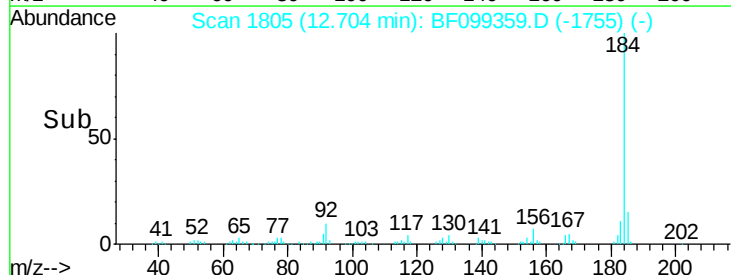
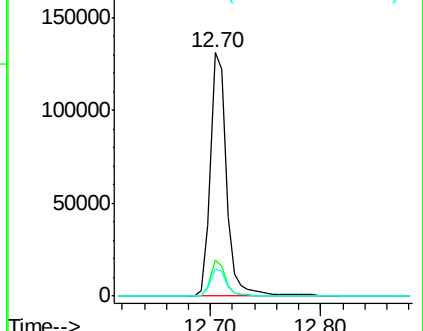
183 11.4 9.3 13.9

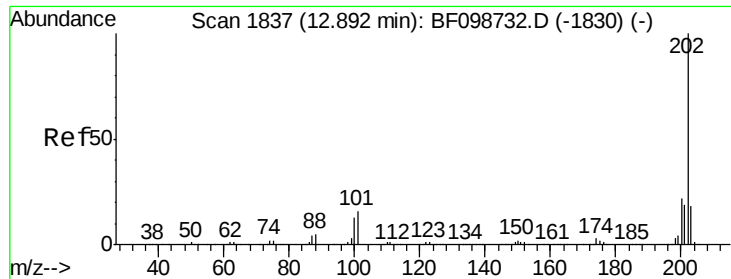


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

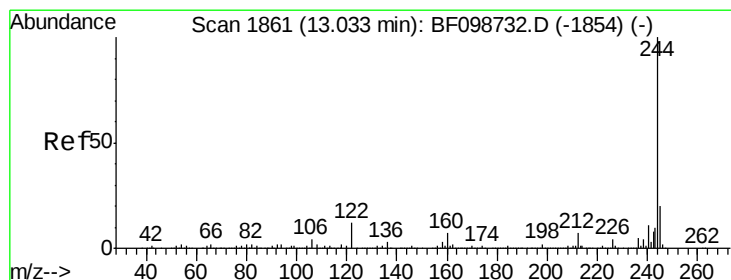
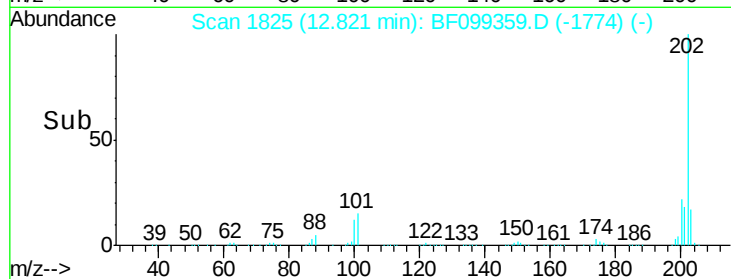
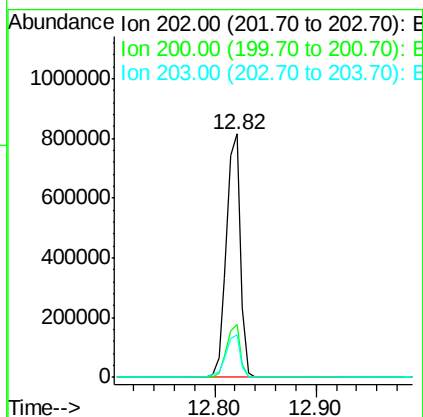
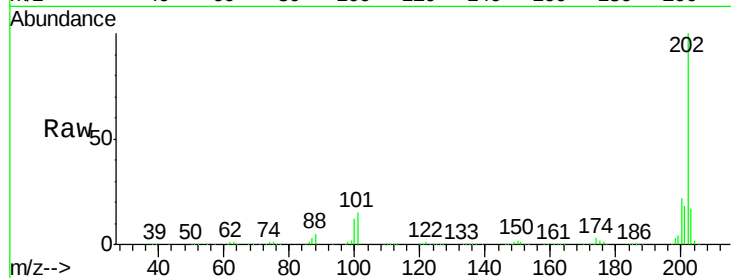




#77
Pvrene
Concen: 62.04 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

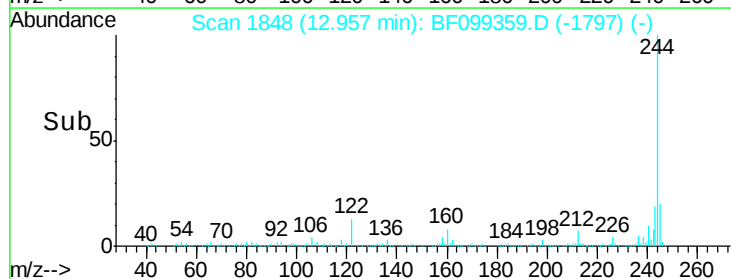
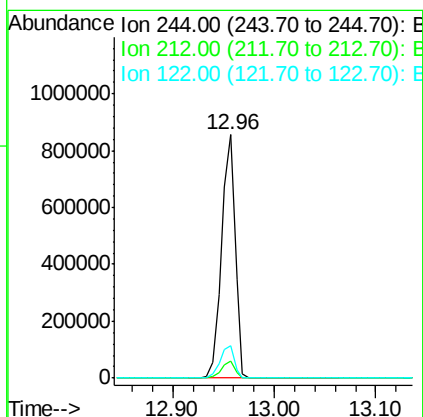
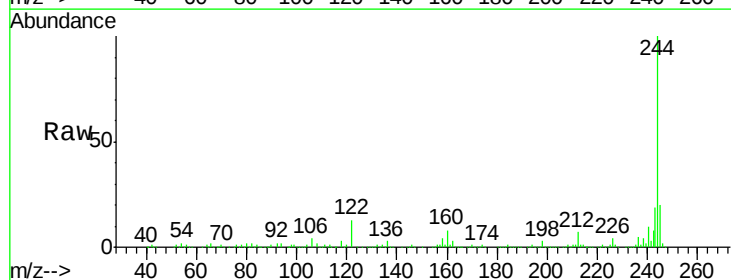
Instrument :
BNA_F
ClientSampleId :

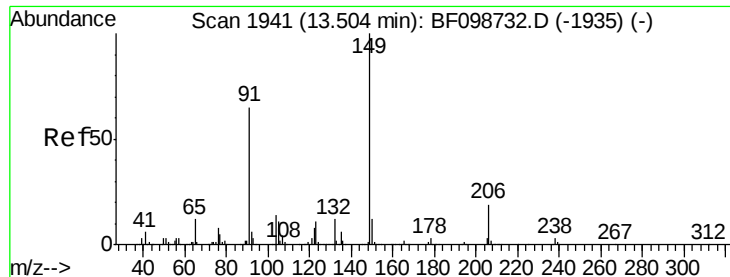
Tot Ion:202 Resp: 785557
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 109.07 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:244 Resp: 796341
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.1 11.0 16.4





#79

Butylbenzylphthalate

Concen: 54.64 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

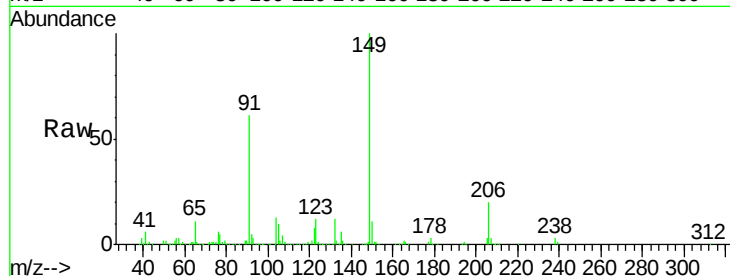
Tot Ion:149 Resp: 325130

Ion Ratio Lower Upper

149 100

91 61.1 56.8 85.2

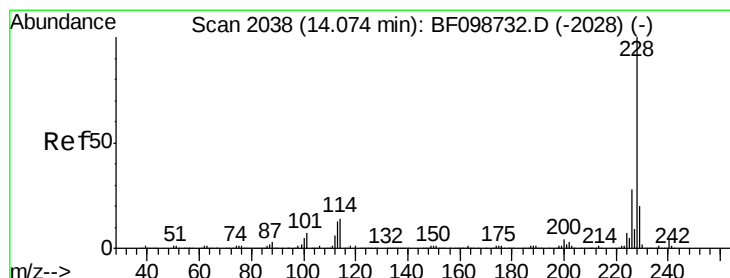
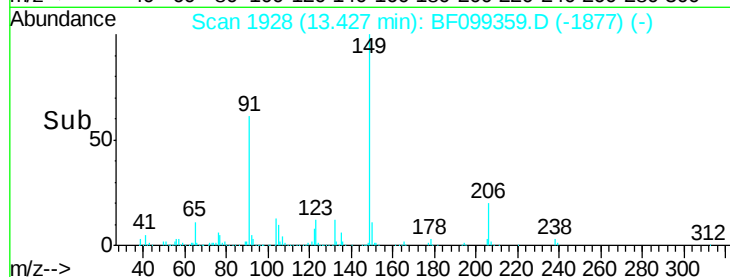
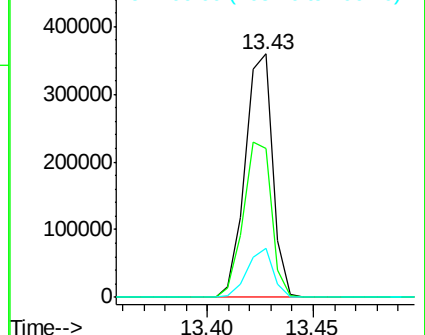
206 20.4 14.1 21.1



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: 50.63 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

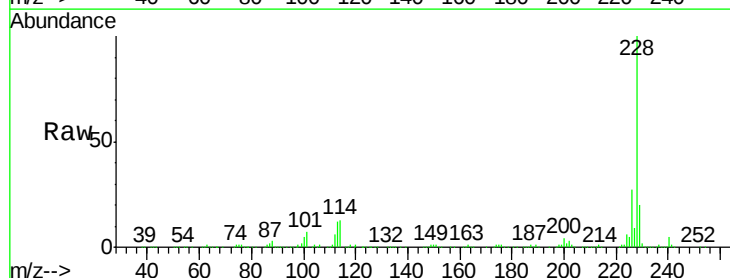
Tgt Ion:228 Resp: 509024

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

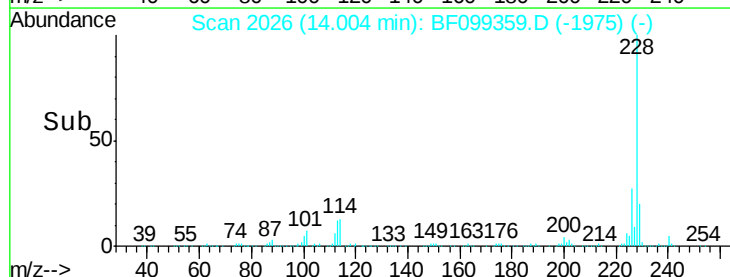
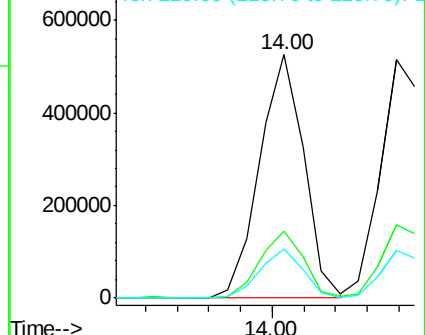
229 20.0 15.8 23.6

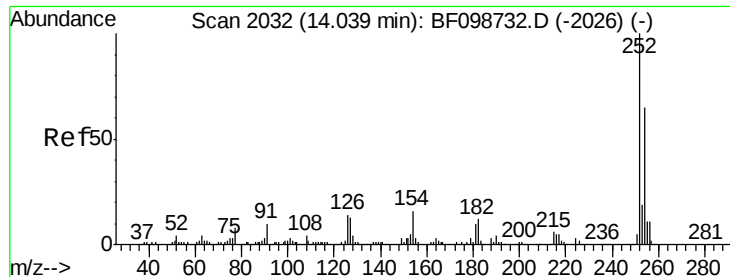


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 38.33 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

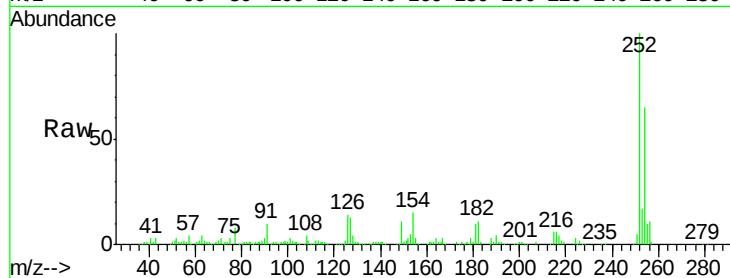
Tot Ion:252 Resp: 141277

Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	13.7	11.3	16.9

252 100

254 64.5 50.4 75.6

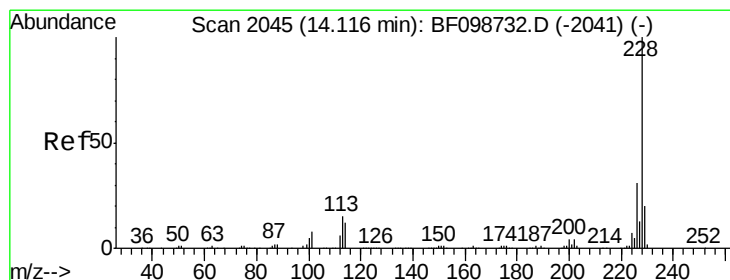
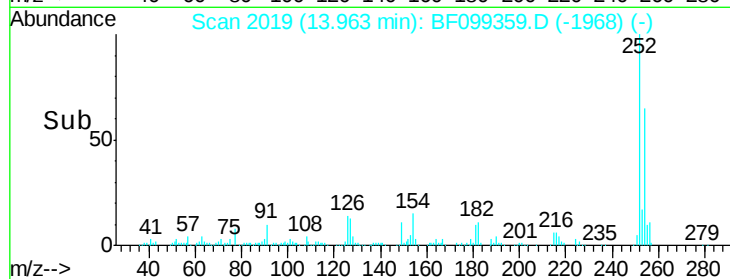
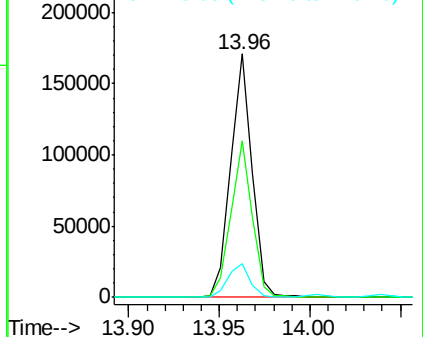
126 13.7 11.3 16.9



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: 50.01 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

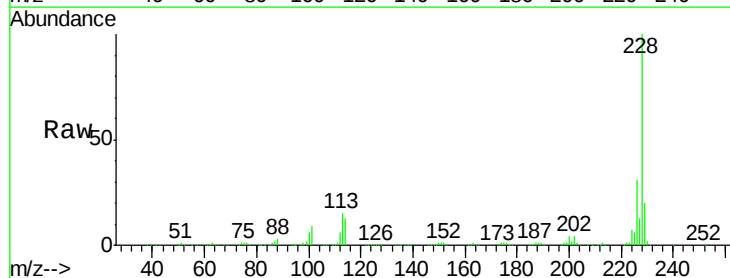
Tgt Ion:228 Resp: 478722

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.8	16.2	24.4

228 100

226 30.8 25.0 37.6

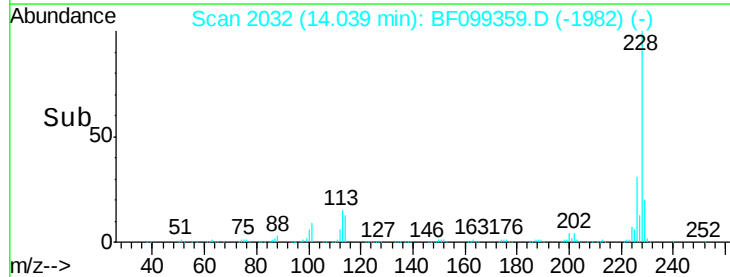
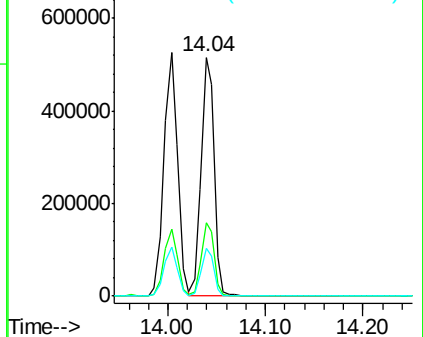
229 19.8 16.2 24.4

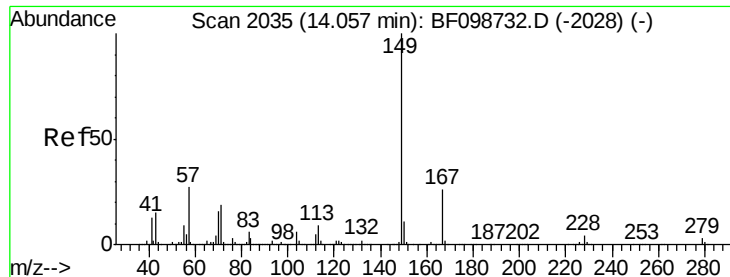


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

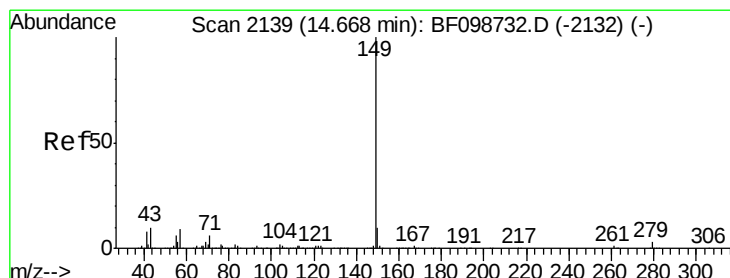
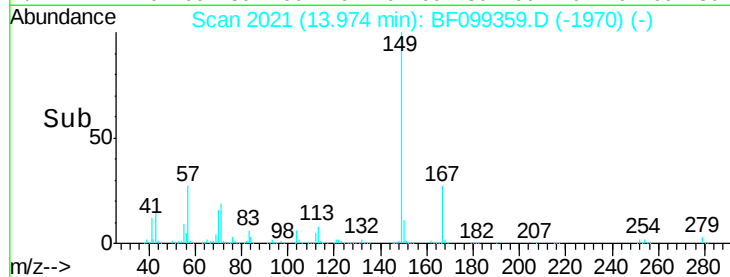
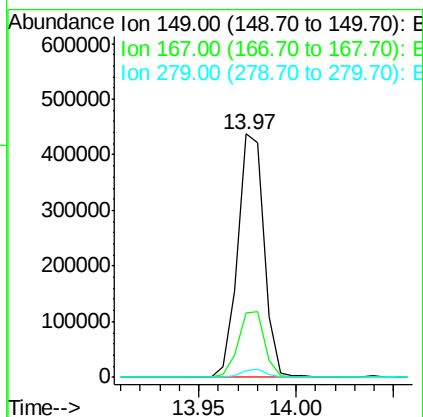
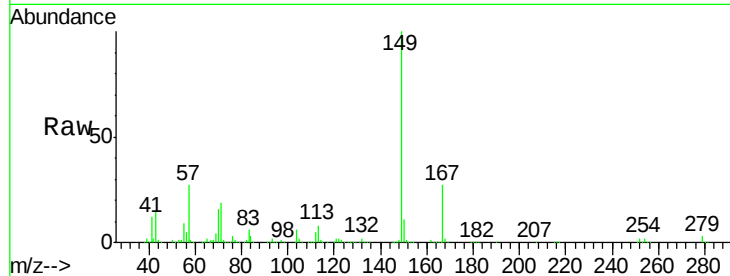




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.91 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

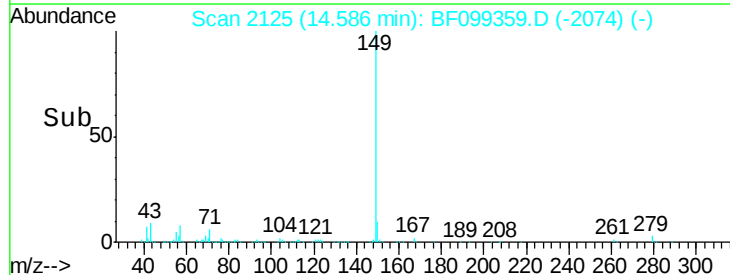
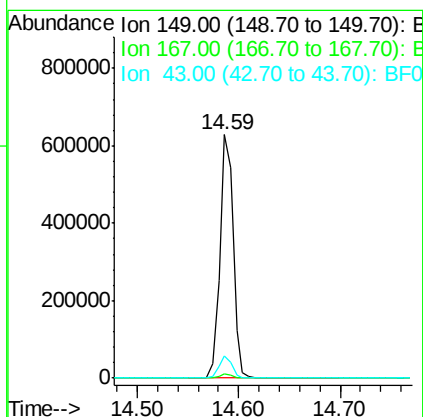
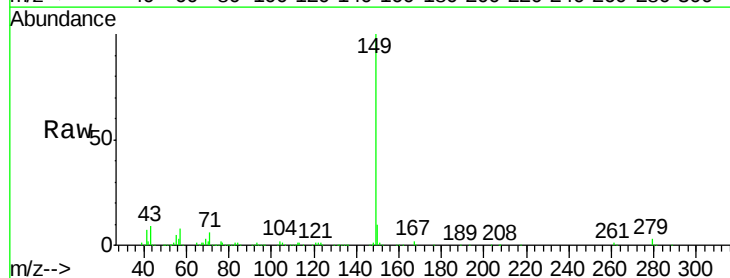
Instrument :
 BNA_F
 ClientSampled :

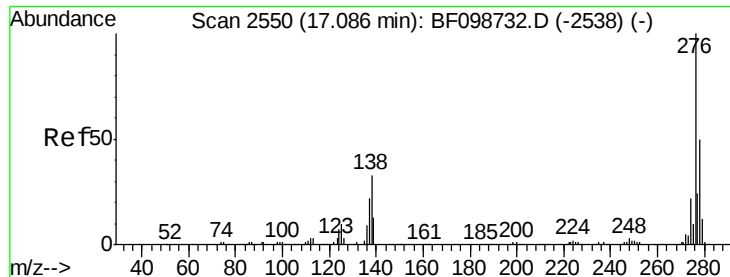
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	2.7	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 43.28 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF099359.D
 Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6

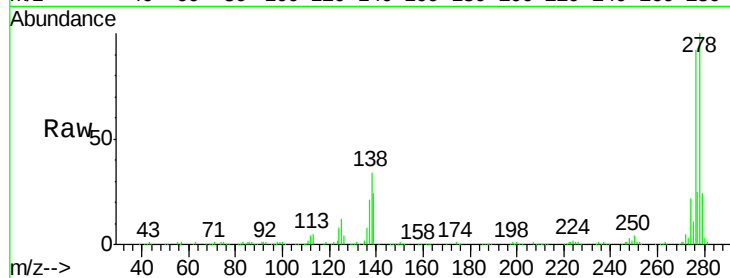




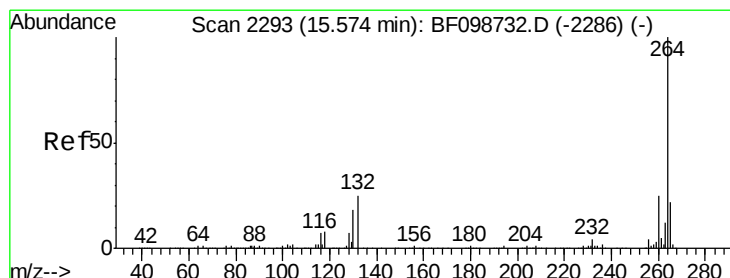
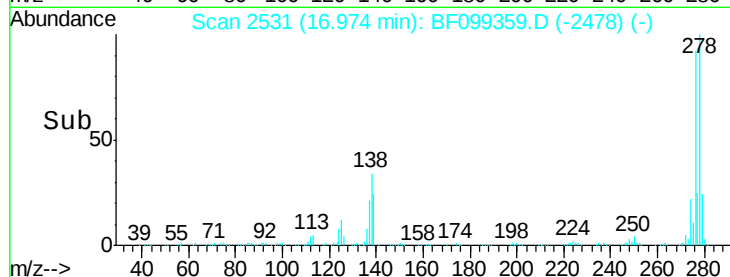
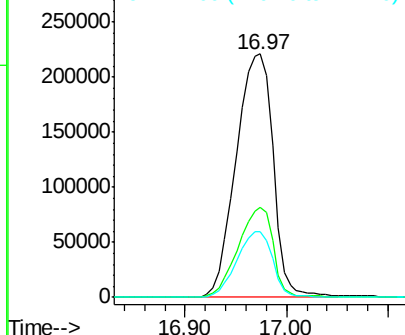
#85
Indeno(1,2,3-cd)pyrene
Concen: 73.28 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	25.0	37.6
277	26.1	20.1	30.1

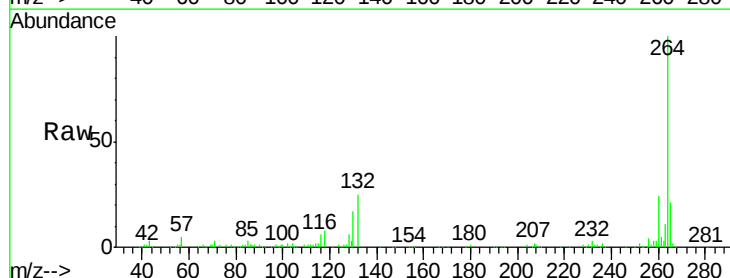


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

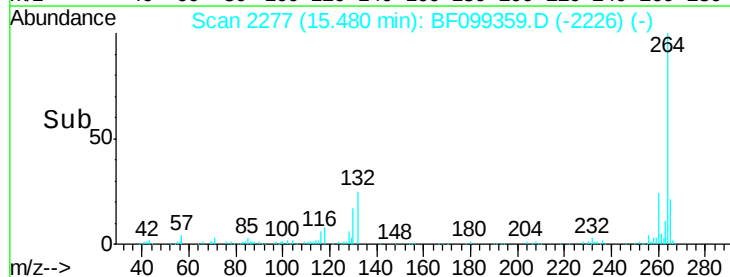
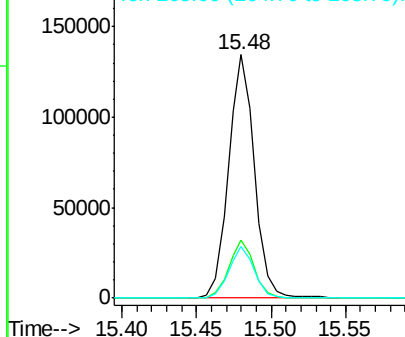


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3



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

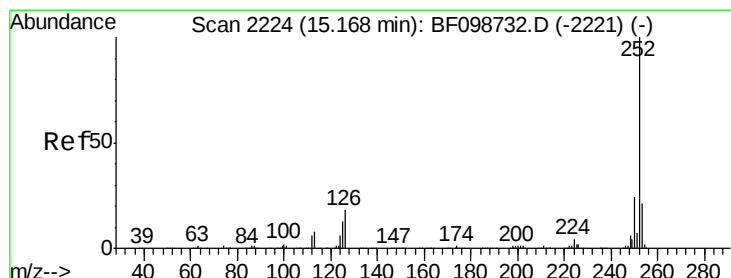
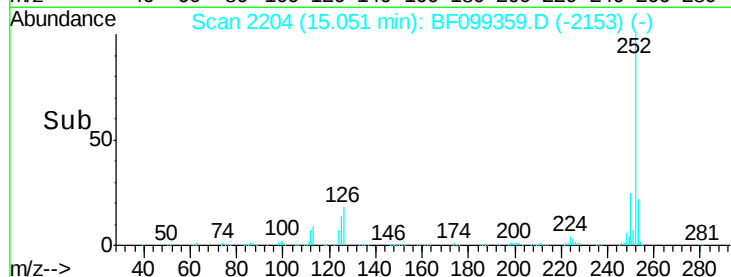
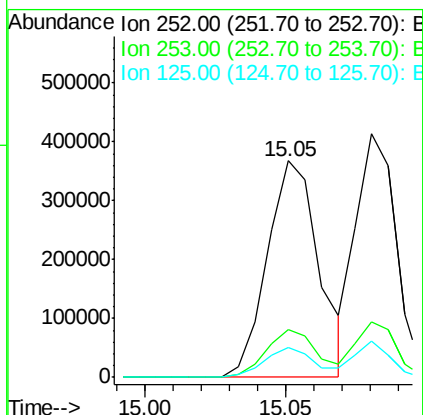
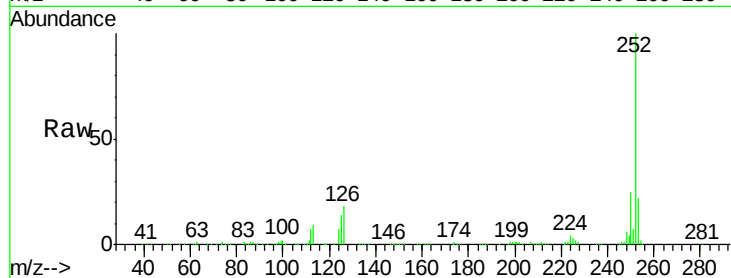




#87
Benzo(b)fluoranthene
Concen: 46.60 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

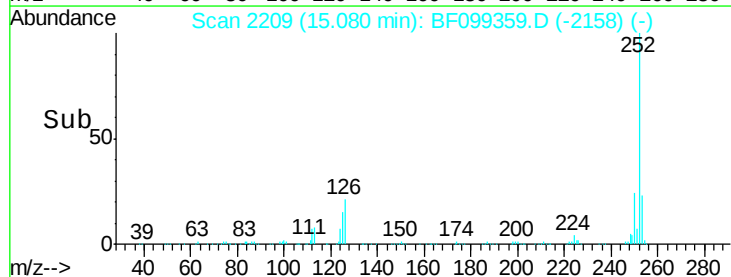
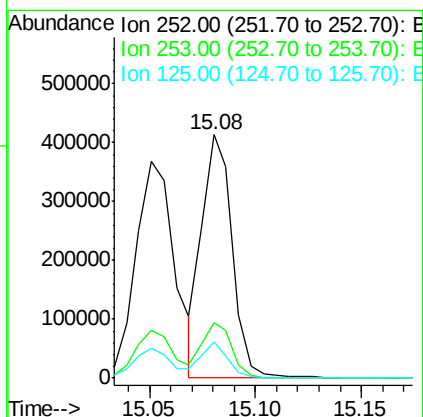
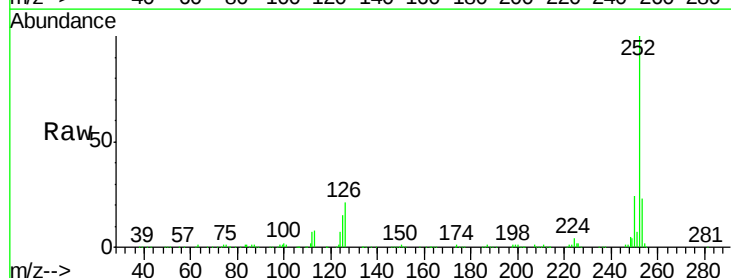
Instrument :
BNA_F
ClientSampleId :

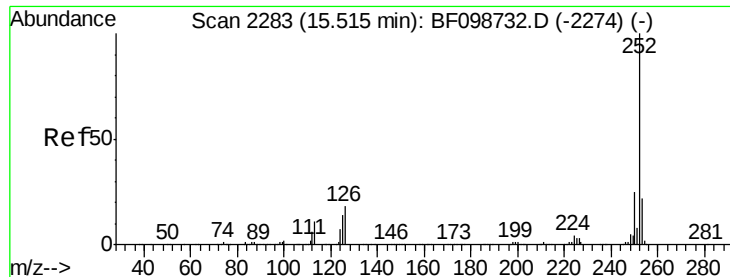
Tot Ion:252 Resp: 467392
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 14.1 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 41.41 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:252 Resp: 410159
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 14.6 10.2 15.2

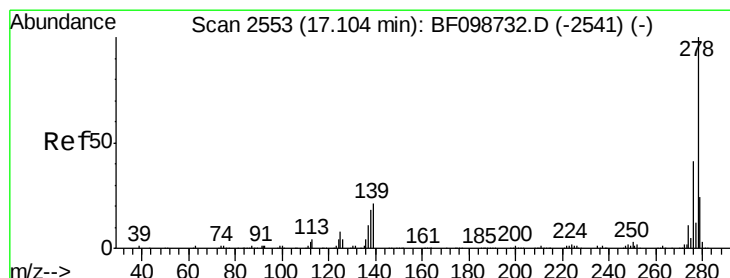
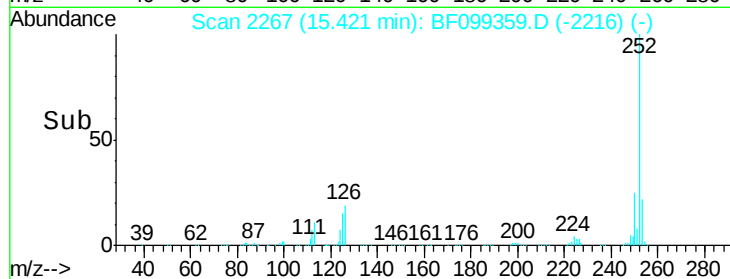
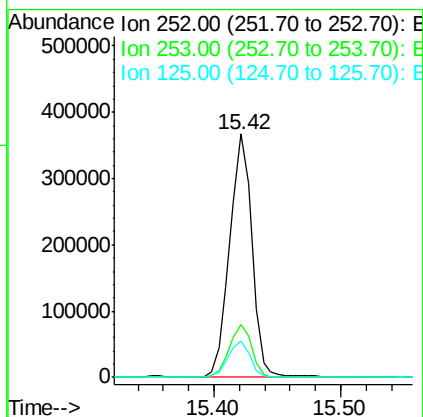
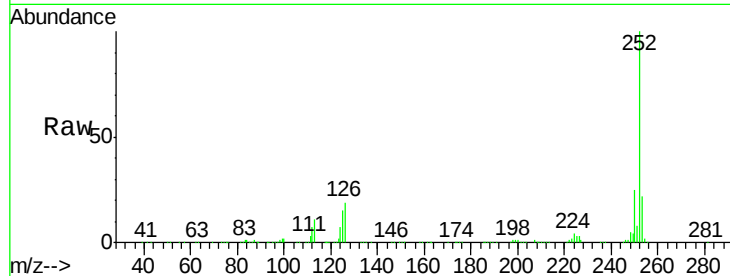




#89
Benzo(a)pyrene
Concen: 48.75 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

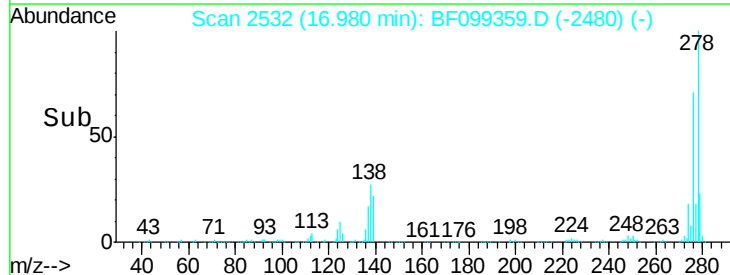
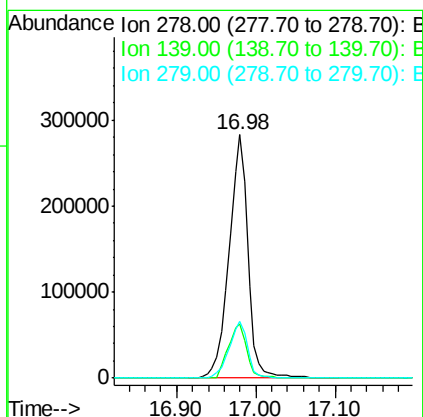
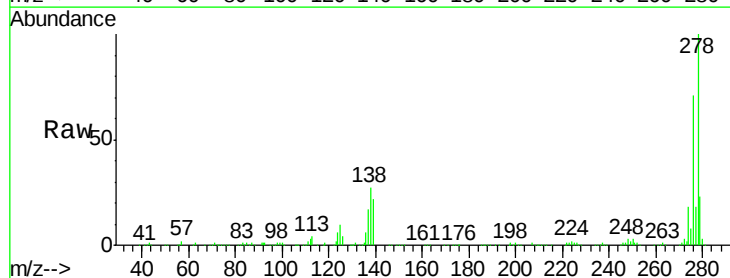
Instrument :
BNA_F
ClientSampleId :

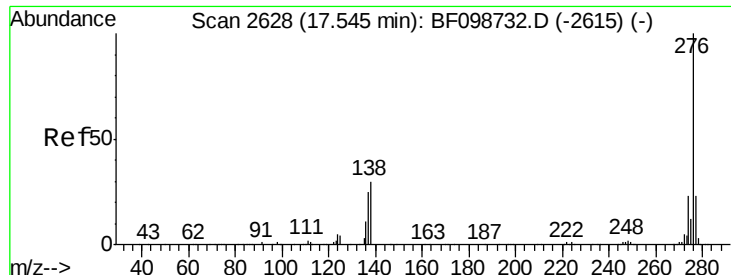
Tot Ion:252 Resp: 448757
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 63.38 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099359.D
Acq: 11 Oct 2017 22:05

Tgt Ion:278 Resp: 466930
Ion Ratio Lower Upper
278 100
139 22.3 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 68.08 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

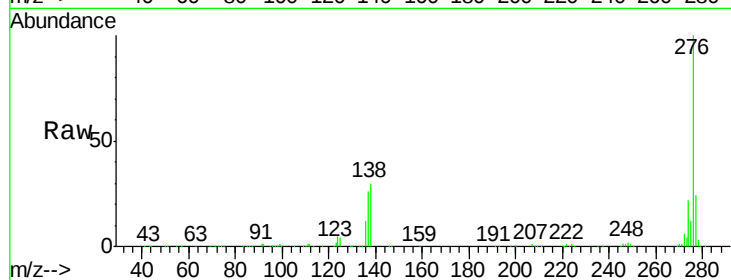
Lab File: BF099359.D

Acq: 11 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :



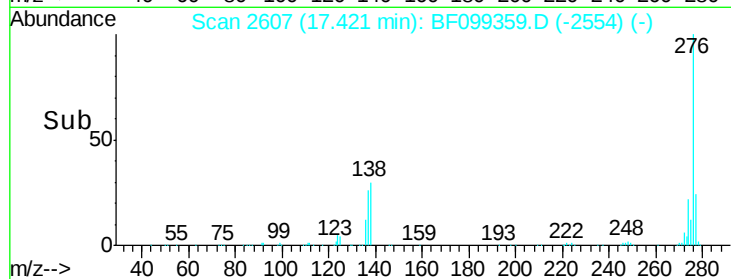
Tot Ion: 276 Resp: 495811

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 29.7 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

