

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099358.D
 Acq On : 11 Oct 2017 21:36
 Operator : SJ/JU
 Sample : I5710-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:51:56 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	108411	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	443943	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	199840	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	340142	20.00	ng	0.00
75) Chrysene-d12	14.02	240	185414	20.00	ng	0.00
86) Perylene-d12	15.48	264	175586	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	867997	127.46	ng	0.02
7) Phenol-d6	6.49	99	1052492	125.28	ng	0.00
23) Nitrobenzene-d5	7.42	82	631724	91.26	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	210381	128.66	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1079159	90.15	ng	0.00
78) Terphenyl-d14	12.96	244	830369	101.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	114939	35.33	ng	96
3) Pyridine	3.50	79	80841	9.19	ng	98
4) n-Nitrosodimethylamine	3.41	42	136864	36.68	ng	82
6) Aniline	6.52	93	352679	31.10	ng	98
8) 2-Chlorophenol	6.65	128	328737	42.63	ng	92
9) Benzaldehyde	6.41	77	123900	25.42	ng	93
10) Phenol	6.50	94	428122	45.57	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	309991	42.44	ng	98
12) 1,3-Dichlorobenzene	6.79	146	348346	43.13	ng	98
13) 1,4-Dichlorobenzene	6.87	146	354931	43.19	ng	99
14) 1,2-Dichlorobenzene	7.02	146	328100	43.21	ng	99
15) Benzyl Alcohol	7.00	79	256375	41.60	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	439354	38.61	ng	97
17) 2-Methylphenol	7.11	107	276288	43.78	ng	96
18) Hexachloroethane	7.36	117	120850	40.91	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	203687	37.97	ng	95
20) 3+4-Methylphenols	7.26	107	321521	40.28	ng	# 78
22) Acetophenone	7.27	105	431198	40.09	ng	# 95
24) Nitrobenzene	7.44	77	325709	41.48	ng	96
25) Isophorone	7.67	82	605951	42.34	ng	99
26) 2-Nitrophenol	7.75	139	185384	49.09	ng	92
27) 2,4-Dimethylphenol	7.79	122	292539	41.02	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	392613	44.02	ng	99
29) 2,4-Dichlorophenol	7.99	162	279891	45.71	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	276031	45.08	ng	99
31) Naphthalene	8.16	128	926074	44.42	ng	99
32) Benzoic acid	7.92	122	139083	23.74	ng	94
33) 4-Chloroaniline	8.21	127	291978	33.53	ng	# 94
34) Hexachlorobutadiene	8.27	225	136942	43.42	ng	98
35) Caprolactam	8.59	113	39091	19.90	ng	# 84
36) 4-Chloro-3-methylphenol	8.69	107	287536	41.78	ng	94
37) 2-Methylnaphthalene	8.85	142	630690	46.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	253253	42.49	ng	99
40) Hexachlorocyclopentadiene	9.00	237	164809	60.51	ng	98

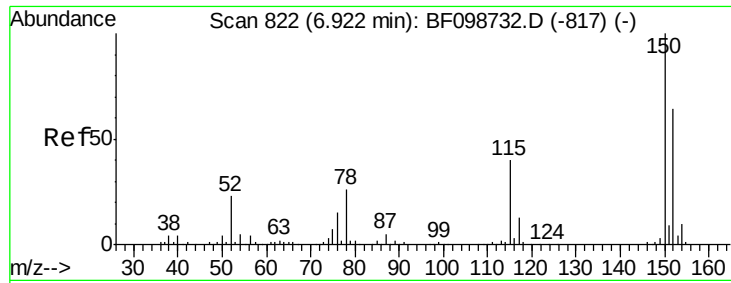
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	179971	42.63	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	190068	45.10	nq	93
45) 1,1'-Biphenyl	9.31	154	733747	42.72	nq	99
46) 2-Chloronaphthalene	9.34	162	579193	44.91	nq	97
47) 2-Nitroaniline	9.44	65	168089	42.57	nq	90
48) Acenaphthylene	9.76	152	869206	44.03	nq	99
49) Dimethylphthalate	9.62	163	826442	54.79	nq	99
50) 2,6-Dinitrotoluene	9.68	165	153607	46.78	nq	89
51) Acenaphthene	9.93	154	509975	40.78	nq	99
52) 3-Nitroaniline	9.85	138	141710	37.01	nq	92
53) 2,4-Dinitrophenol	9.96	184	112776	66.99	nq	88
54) Dibenzofuran	10.10	168	759310	45.61	nq	99
55) 4-Nitrophenol	10.02	139	224091	69.22	nq	# 79
56) 2,4-Dinitrotoluene	10.09	165	198176	46.50	nq	# 93
57) Fluorene	10.44	166	603282	45.08	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	138363	47.52	nq	96
59) Diethylphthalate	10.31	149	627760	42.59	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	270828	45.05	nq	97
61) 4-Nitroaniline	10.47	138	166651	45.12	nq	88
62) Azobenzene	10.59	77	581437	42.91	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	86305	41.70	nq	# 78
65) n-Nitrosodiphenylamine	10.55	169	541911	45.99	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	158604	47.64	nq	98
67) Hexachlorobenzene	10.99	284	159137	44.75	nq	98
68) Atrazine	11.07	200	158391	44.68	nq	98
69) Pentachlorophenol	11.19	266	143945	65.04	nq	99
70) Phenanthrene	11.40	178	838138	46.03	nq	99
71) Anthracene	11.46	178	851465	45.71	nq	99
72) Carbazole	11.61	167	786582	43.12	nq	100
73) Di-n-butylphthalate	11.93	149	946940	43.12	nq	99
74) Fluoranthene	12.59	202	783319	42.49	nq	97
76) Benzidine	12.71	184	92655	13.51	nq	97
77) Pyrene	12.82	202	789230	55.82	nq	99
79) Butylbenzylphthalate	13.43	149	332584	50.05	nq	91
80) Benzo(a)anthracene	14.00	228	525156	46.77	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	149057	36.22	nq	98
82) Chrysene	14.04	228	493105	46.13	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	423629	46.30	nq	99
84) Di-n-octyl phthalate	14.59	149	600767	40.78	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	559934	65.49	nq	96
87) Benzo(b)fluoranthene	15.05	252	476189	44.11	nq	97
88) Benzo(k)fluoranthene	15.08	252	426016	39.95	nq	99
89) Benzo(a)pyrene	15.42	252	456832	46.10	nq	# 96
90) Dibenzo(a,h)anthracene	16.98	278	461067	58.14	nq	97
91) Benzo(g,h,i)perylene	17.42	276	489273	62.41	nq	96

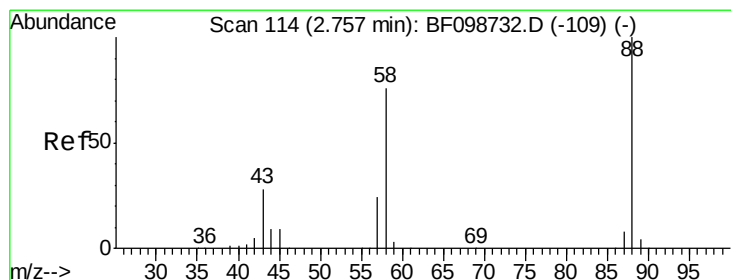
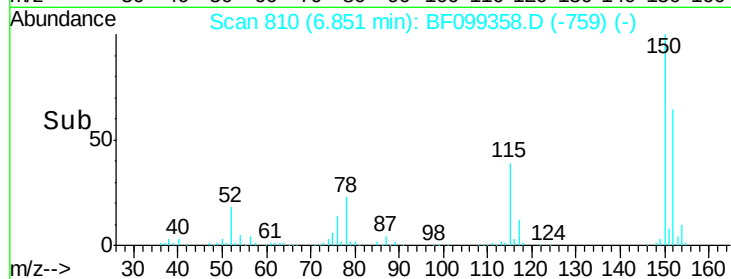
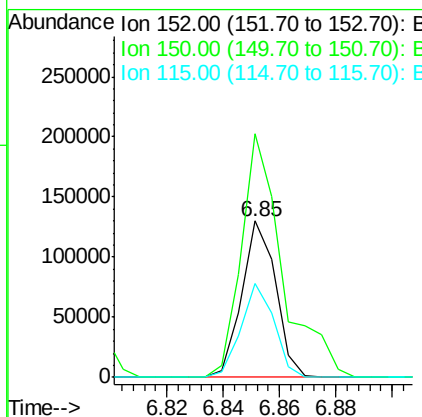
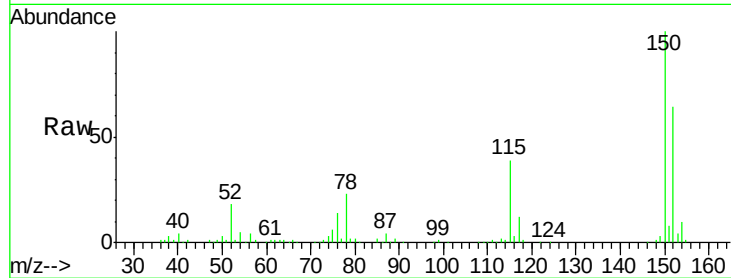
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099358.D
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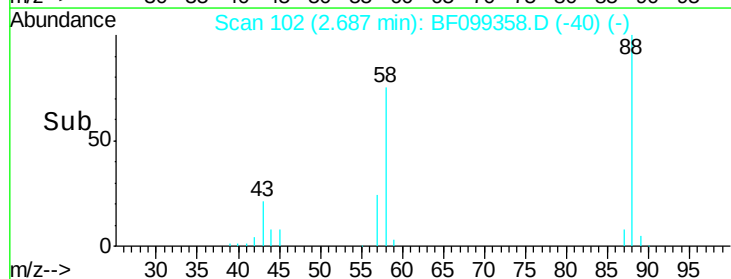
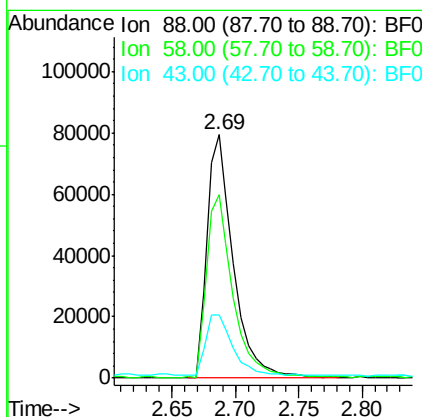
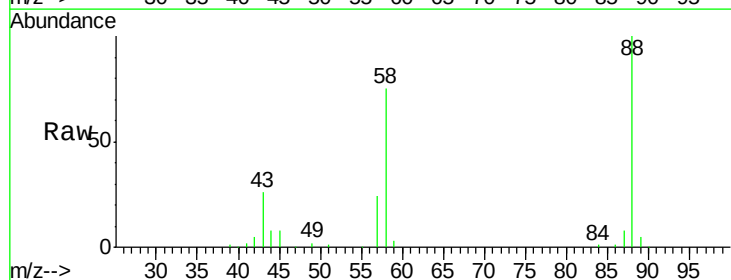
Instrument :
 BNA_F
 ClientSampled :

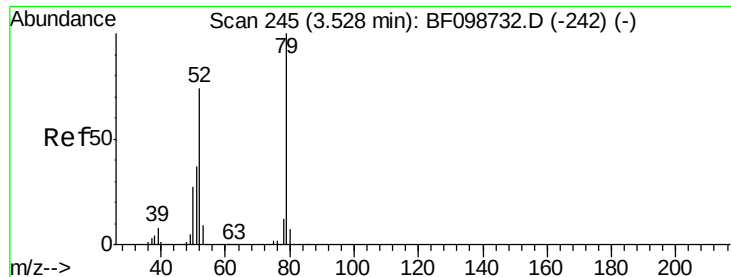
Tot Ion:152 Resp: 108411
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 60.3 50.1 75.1



#2
 1,4-Dioxane
 Concen: 35.33 ng
 RT: 2.69 min Scan# 102
 Delta R.T. 0.06 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion: 88 Resp: 114939
 Ion Ratio Lower Upper
 88 100
 58 76.3 62.6 93.8
 43 25.9 24.6 37.0





#3

Pvridine

Concen: 9.19 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.11 min

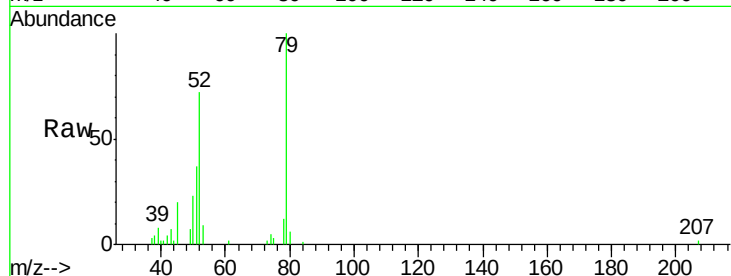
Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampled :



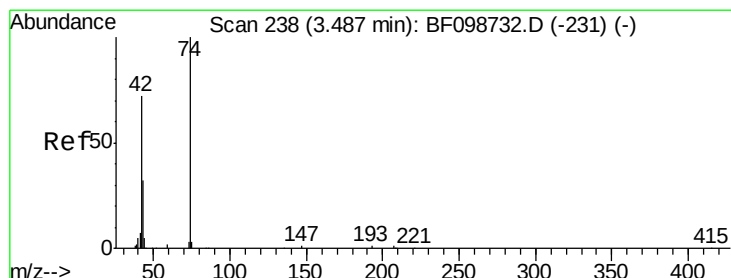
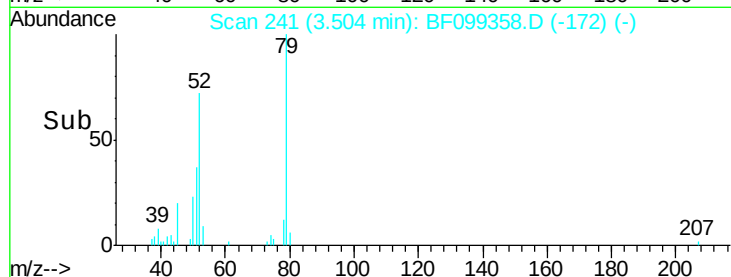
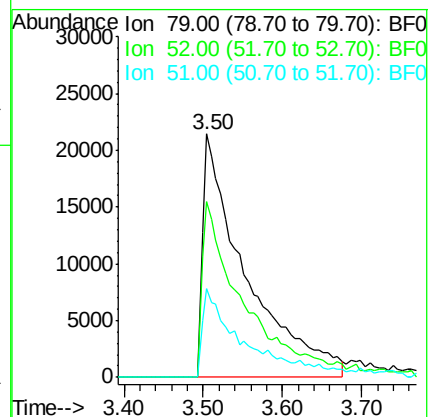
Tot Ion: 79 Resp: 80841

Ion Ratio Lower Upper

79 100

52 72.3 59.8 89.6

51 36.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.68 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

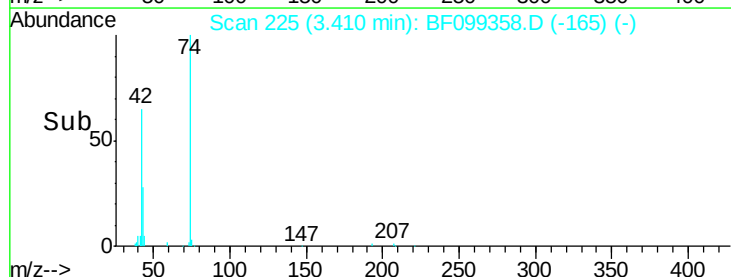
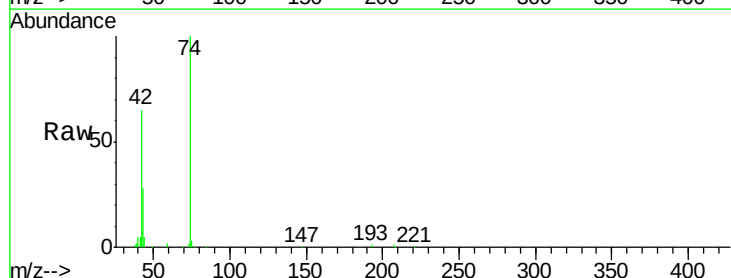
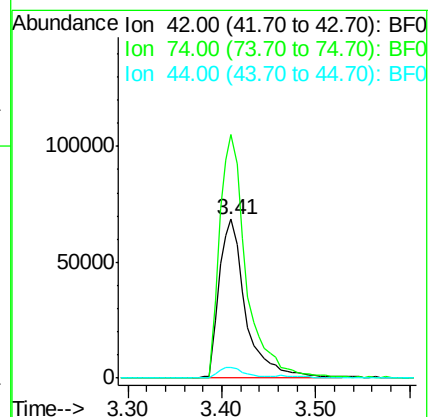
Tgt Ion: 42 Resp: 136864

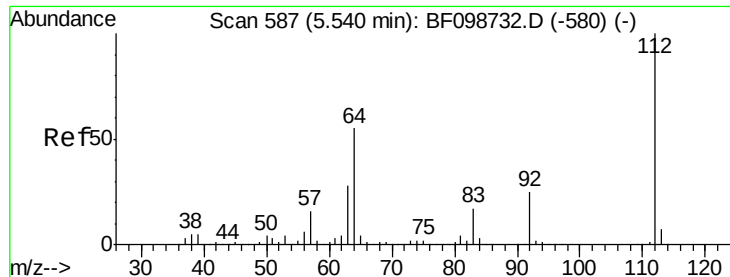
Ion Ratio Lower Upper

42 100

74 153.6 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 127.46 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099358.D

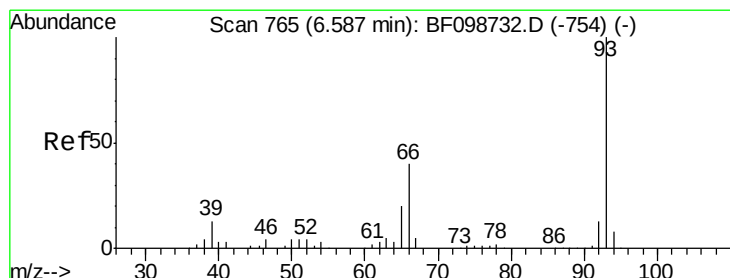
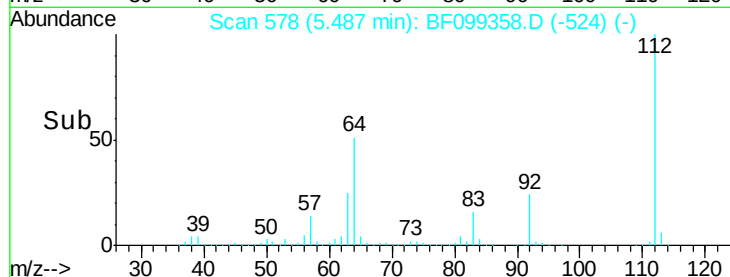
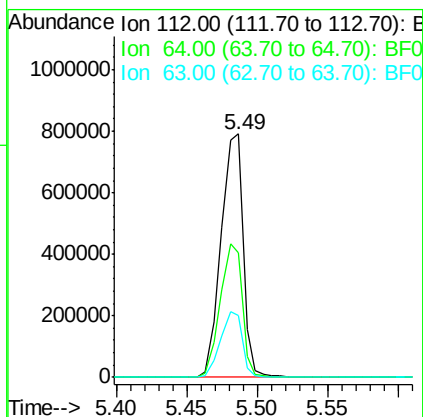
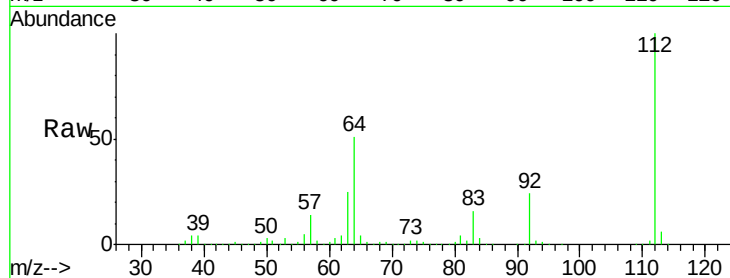
Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	867997
Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	25.3	23.7	35.5



#6

Aniline

Concen: 31.10 ng

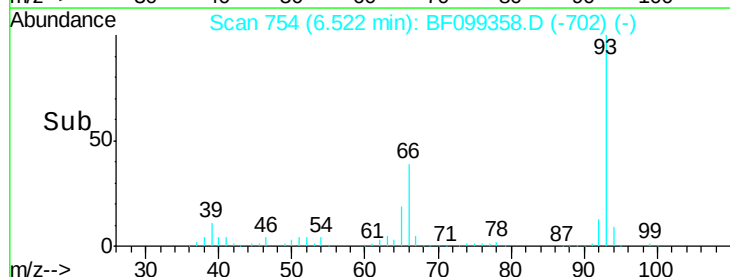
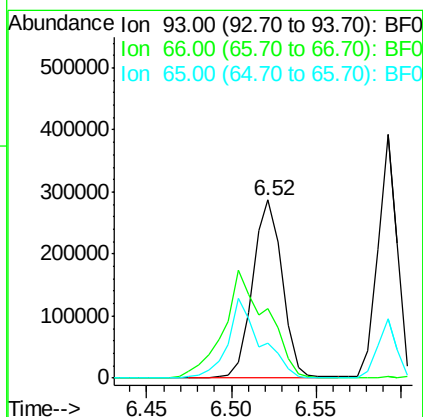
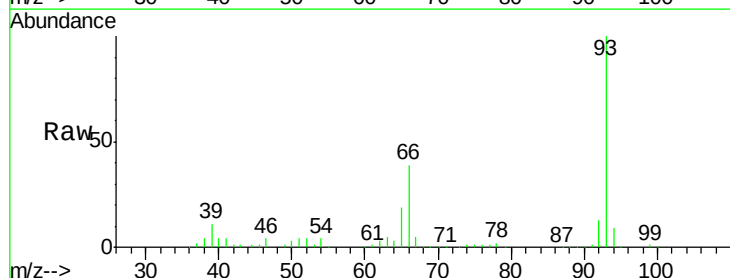
RT: 6.52 min Scan# 754

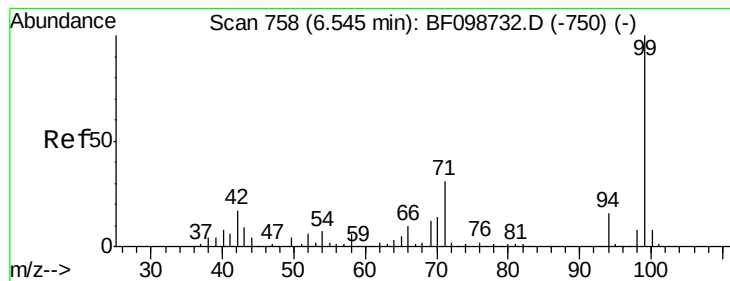
Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Tgt Ion:	93	Resp:	352679
Ion	Ratio	Lower	Upper
93	100		
66	38.8	32.2	48.2
65	19.4	16.4	24.6





#7

Phenol-d6

Concen: 125.28 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

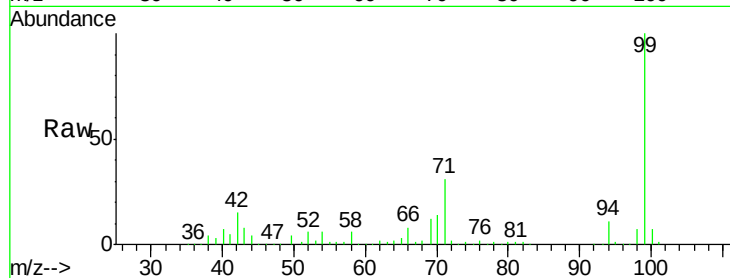
Tot Ion: 99 Resp: 1052492

Ion Ratio Lower Upper

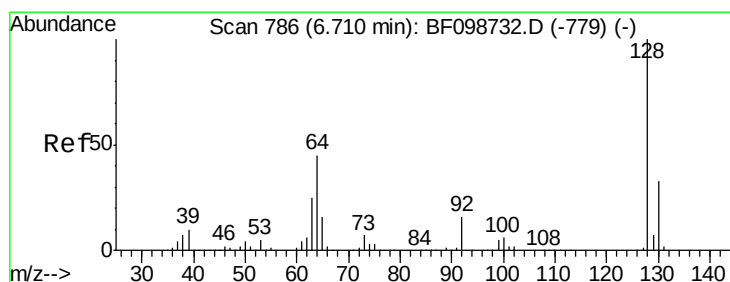
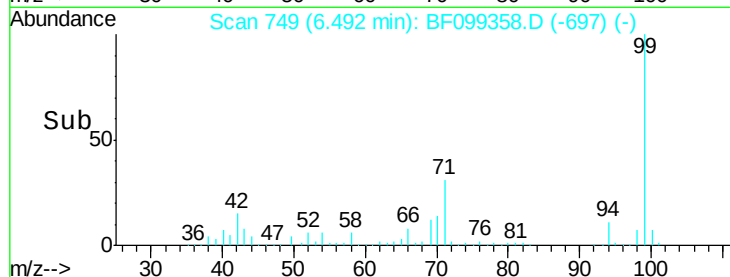
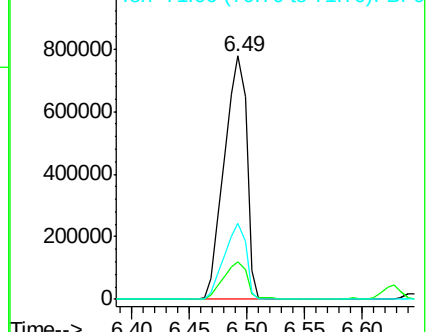
99 100

42 15.5 14.5 21.7

71 31.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.63 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

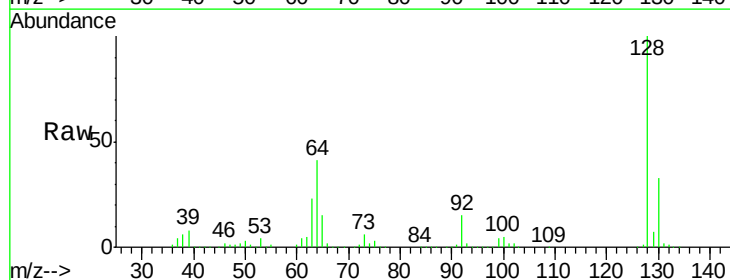
Tgt Ion: 128 Resp: 328737

Ion Ratio Lower Upper

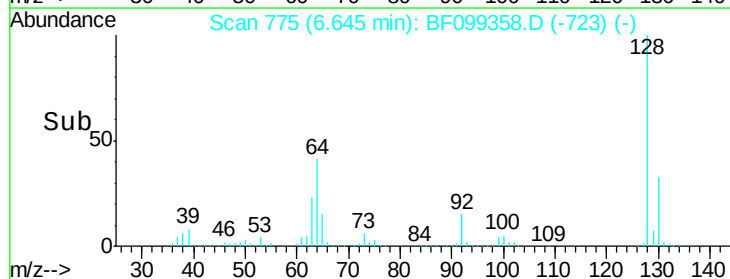
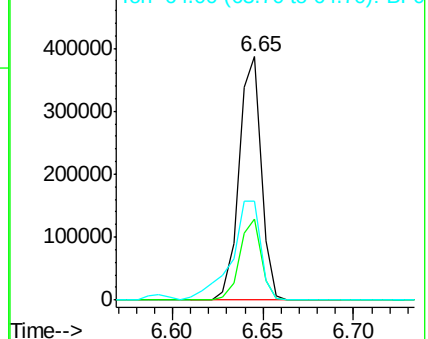
128 100

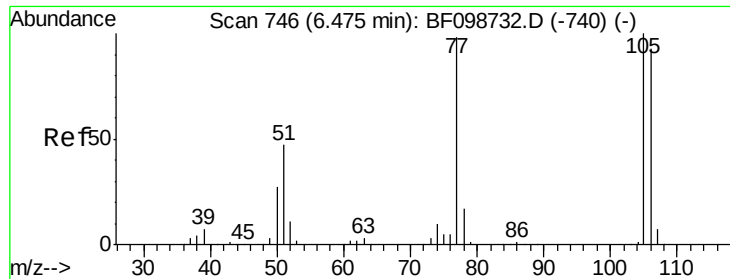
130 33.3 13.0 53.0

64 40.9 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

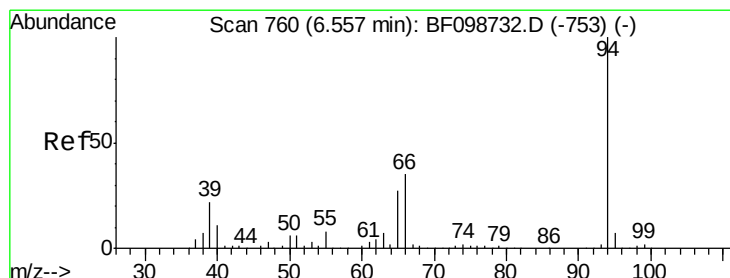
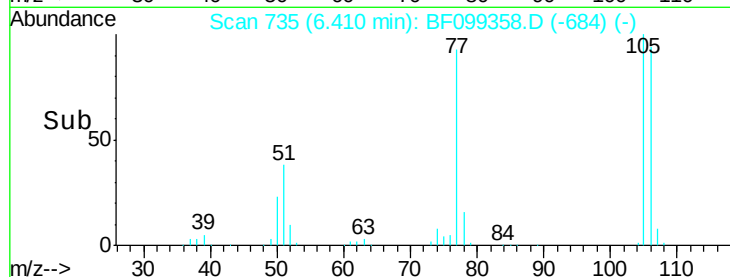
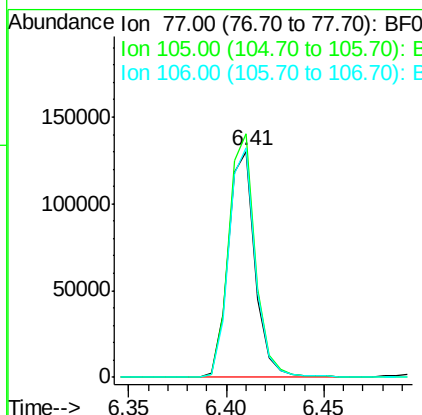
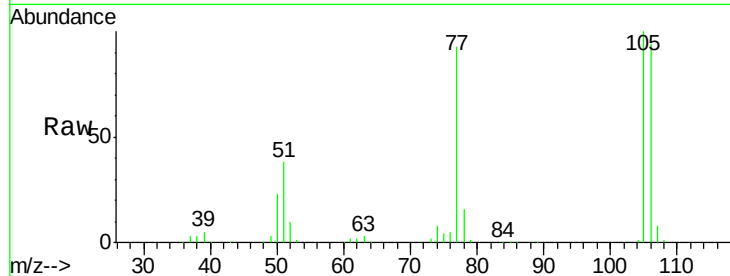




#9
Benzaldehyde
Concen: 25.42 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

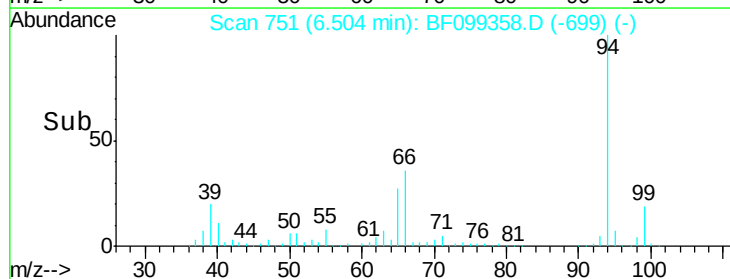
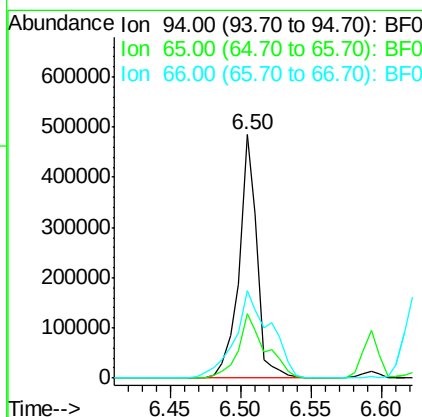
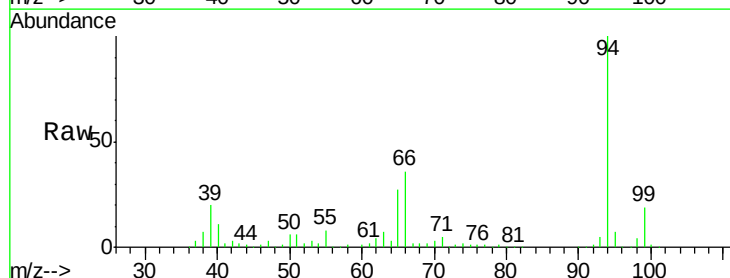
Instrument :
BNA_F
ClientSampleId :

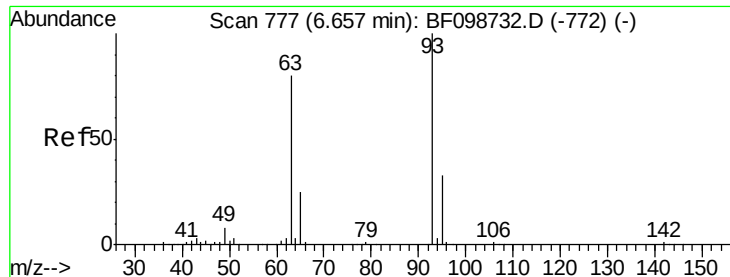
Tot Ion: 77 Resp: 123900
Ion Ratio Lower Upper
77 100
105 107.9 81.1 121.1
106 101.8 74.5 114.5



#10
Phenol
Concen: 45.57 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion: 94 Resp: 428122
Ion Ratio Lower Upper
94 100
65 26.7 7.9 47.9
66 36.0 16.2 56.2

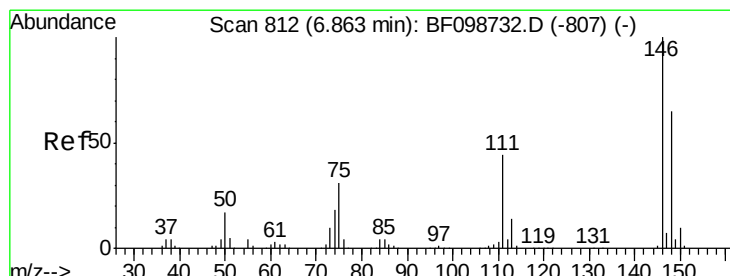
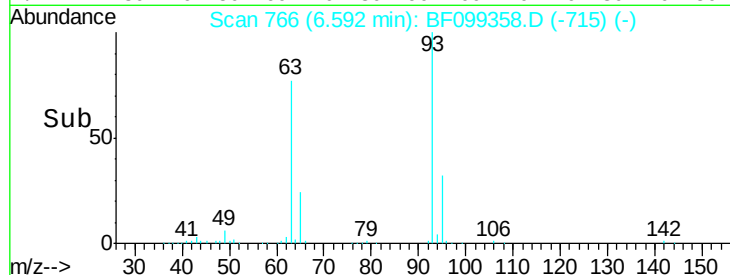
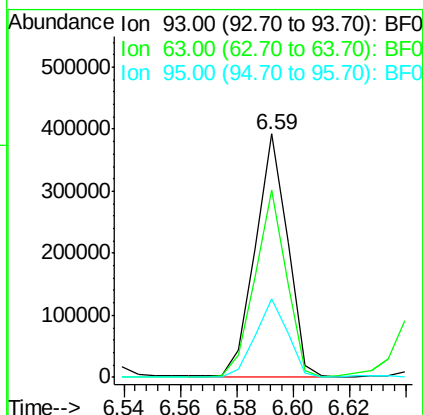
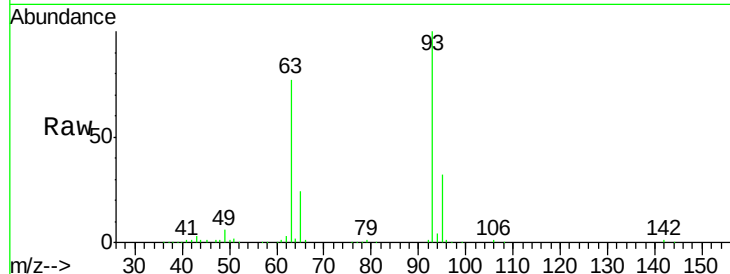




#11
bis(2-Chloroethyl)ether
Concen: 42.44 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

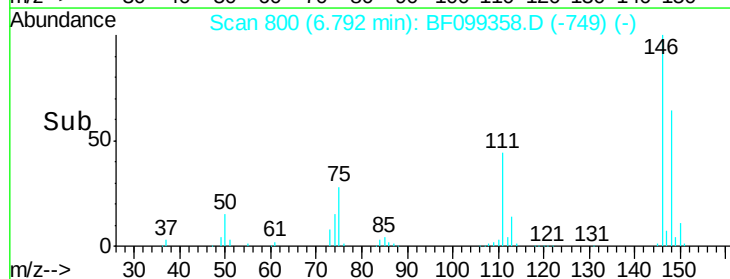
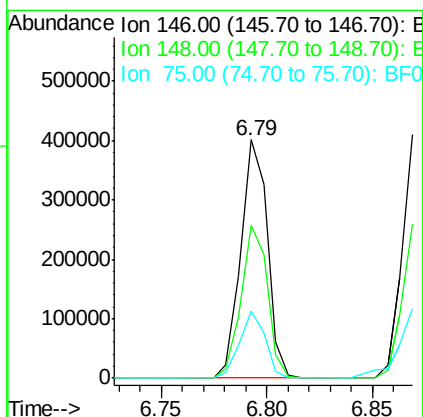
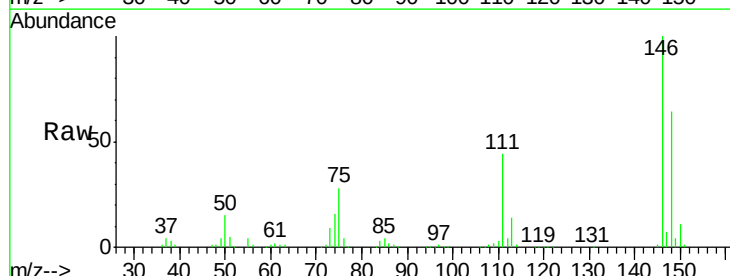
Instrument :
BNA_F
ClientSampleId :

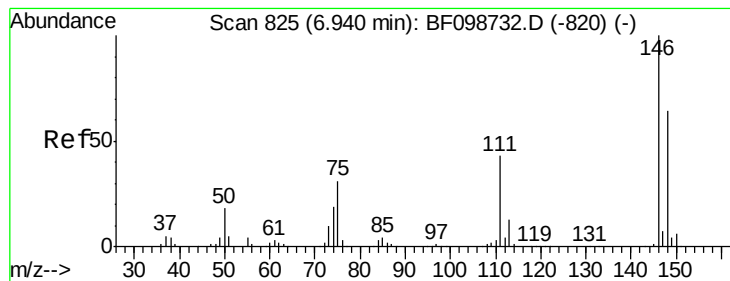
Tot Ion: 93 Resp: 309991
Ion Ratio Lower Upper
93 100
63 76.7 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.13 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion: 146 Resp: 348346
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 27.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 43.19 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

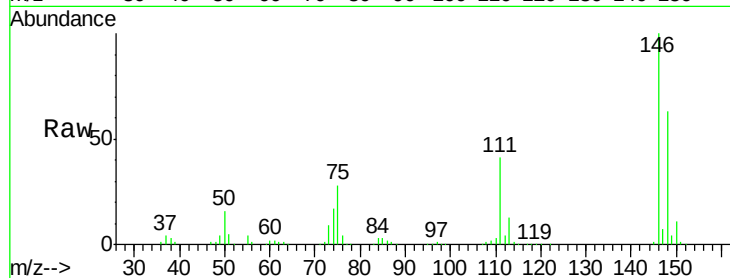
Tot Ion:146 Resp: 354931

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

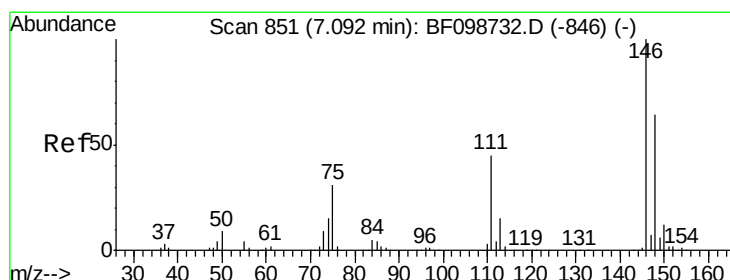
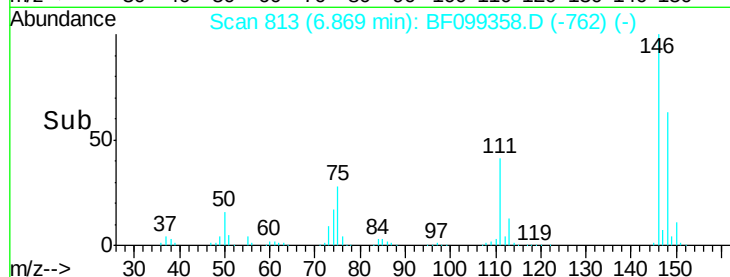
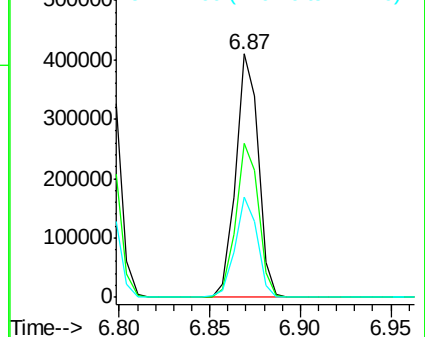
111 41.2 34.2 51.2



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: 43.21 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

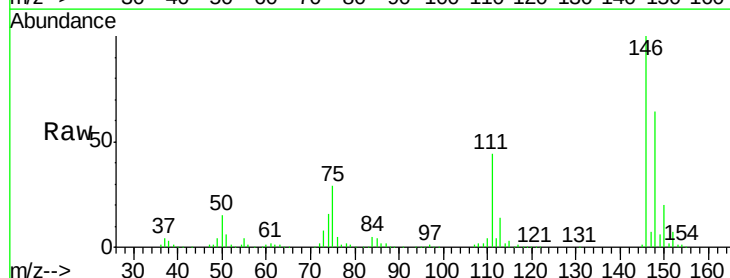
Tgt Ion:146 Resp: 328100

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

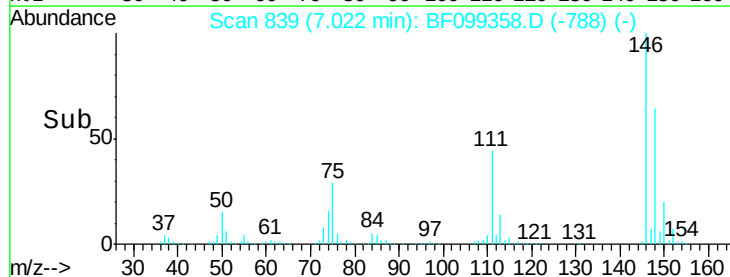
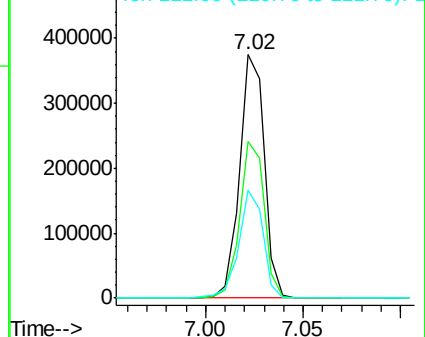
111 44.4 36.0 54.0

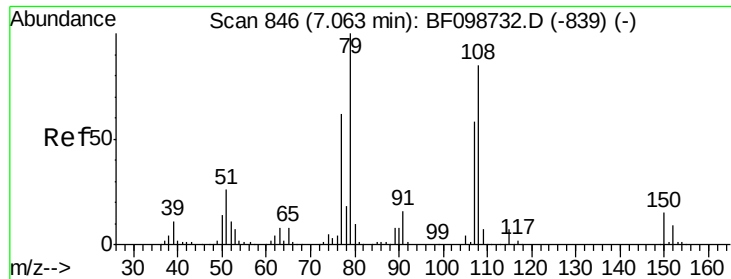


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

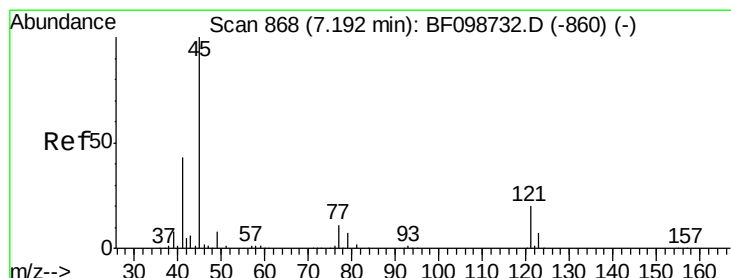
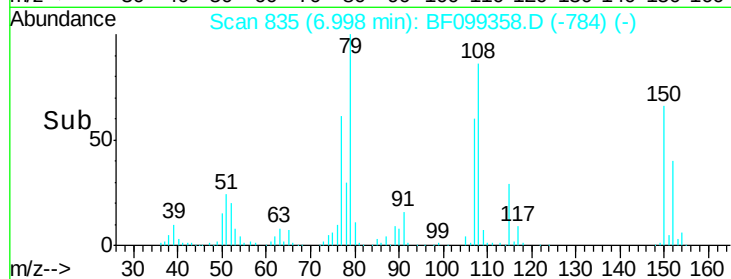
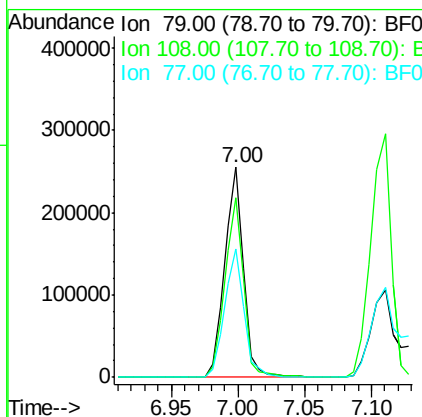
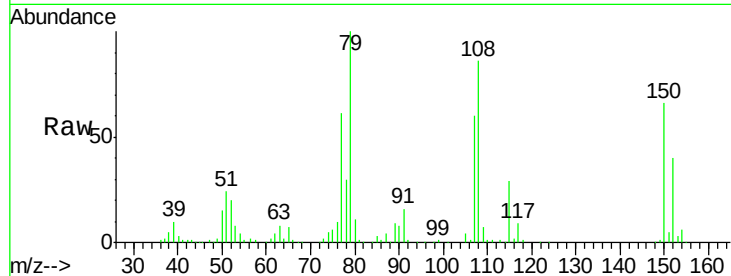




#15
Benzyl Alcohol
Concen: 41.60 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

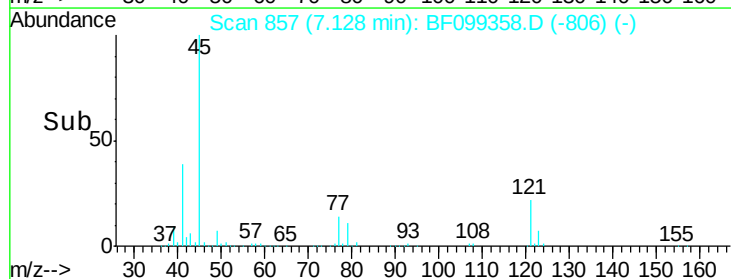
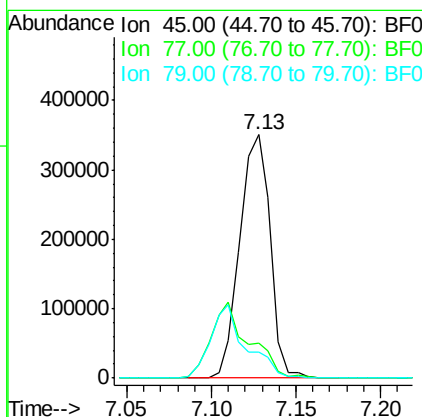
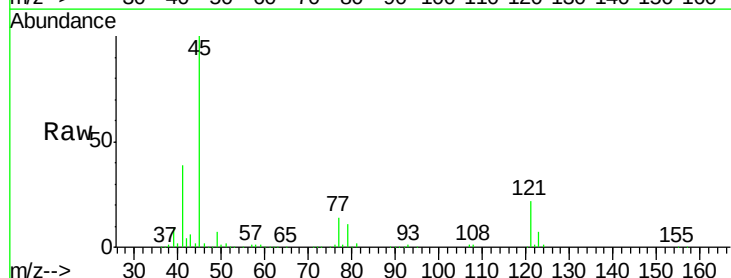
Instrument :
BNA_F
ClientSampled :

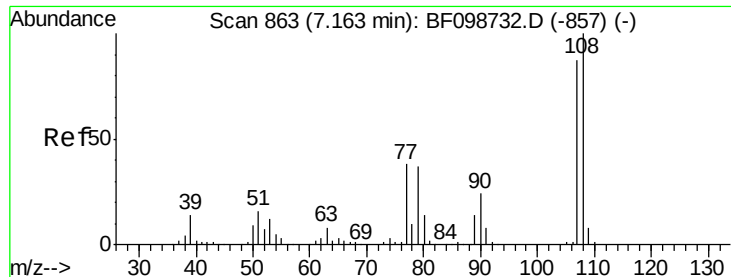
Tot Ion	Ratio	Lower	Upper
79	100		
108	85.6	65.1	97.7
77	61.5	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.61 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	32.9
79	10.7	0.0	29.6

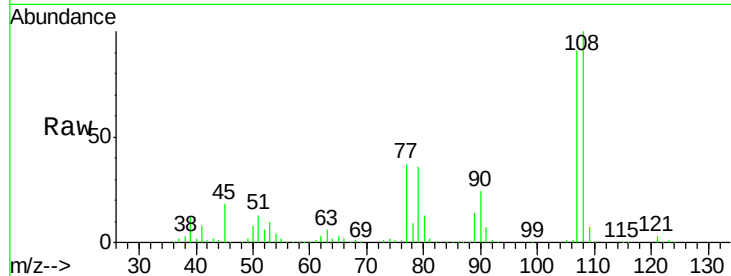




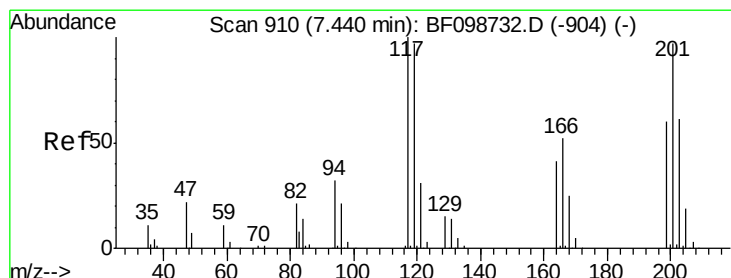
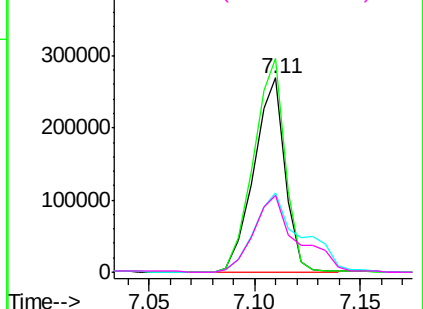
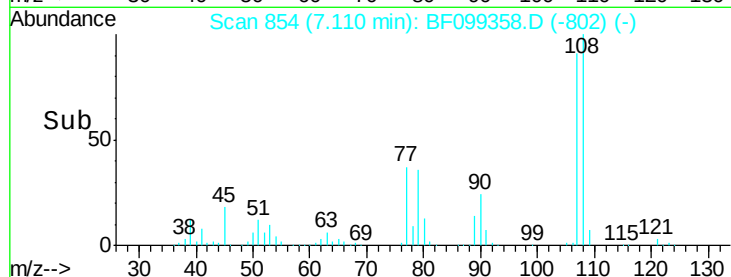
#17
2-Methylphenol
Concen: 43.78 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 276288
Ion Ratio Lower Upper
107 100
108 110.0 91.7 137.5
77 41.0 33.8 50.8
79 39.4 33.8 50.8

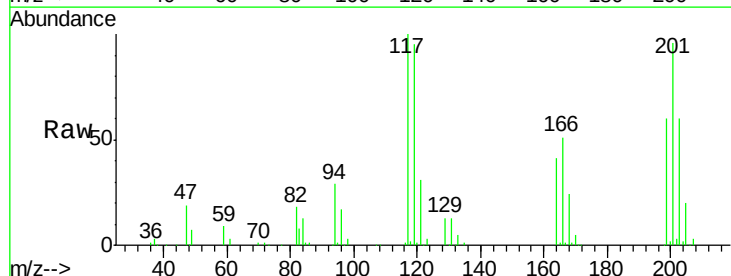


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

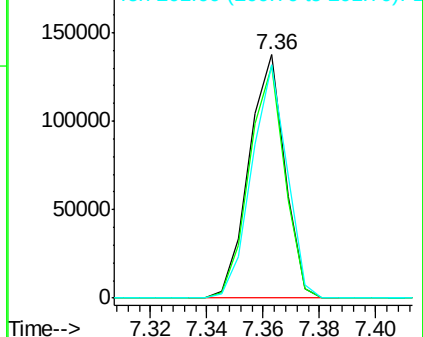
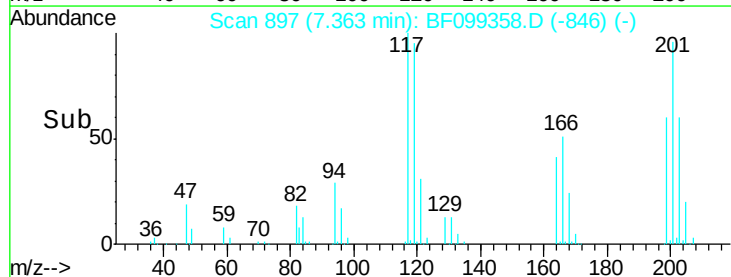


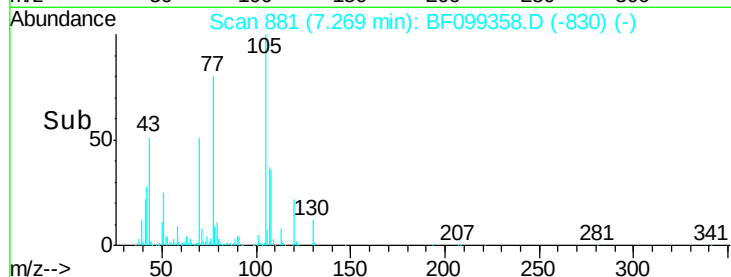
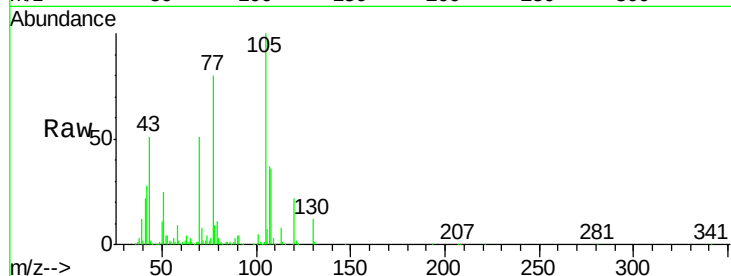
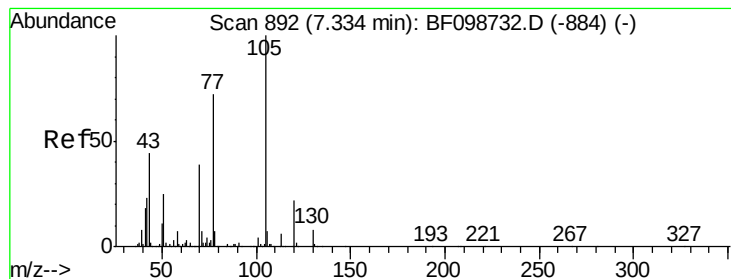
#18
Hexachloroethane
Concen: 40.91 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:117 Resp: 120850
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 95.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.97 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 203687

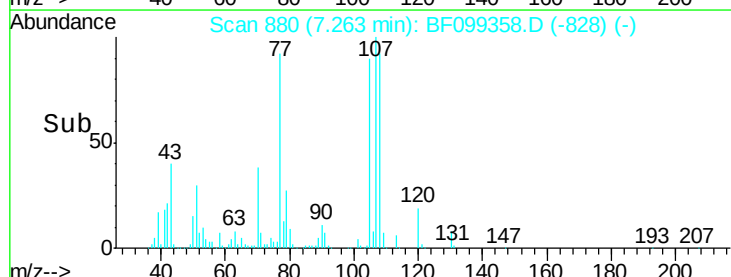
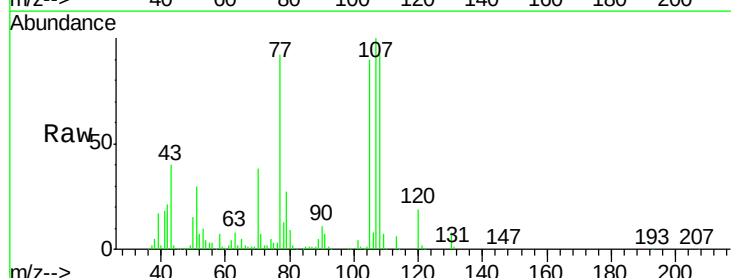
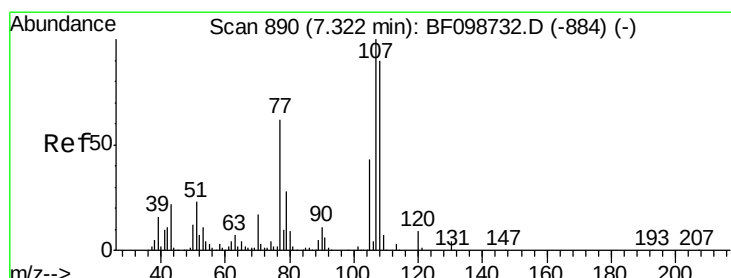
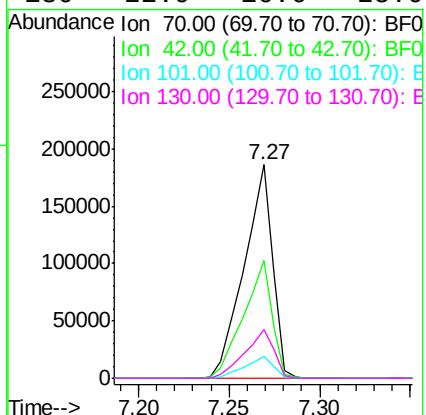
Ion Ratio Lower Upper

70 100

42 55.3 47.5 71.3

101 10.4 7.4 11.2

130 22.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 40.28 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Tgt Ion: 107 Resp: 321521

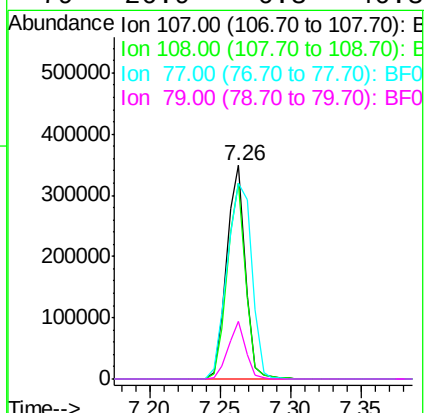
Ion Ratio Lower Upper

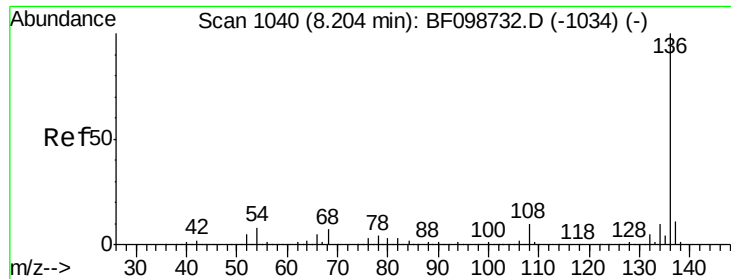
107 100

108 91.6 68.2 108.2

77 91.6 26.7 66.7#

79 26.9 6.3 46.3

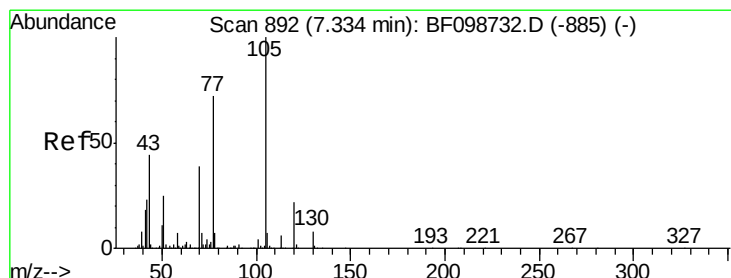
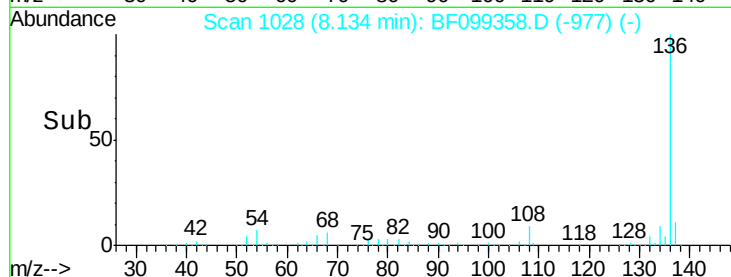
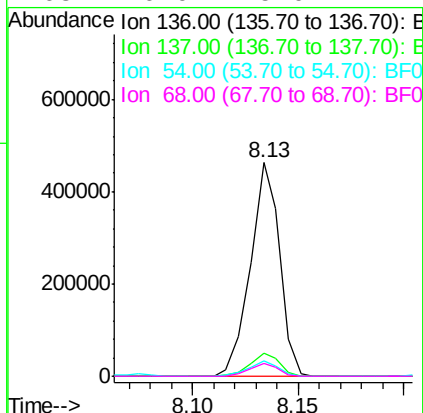
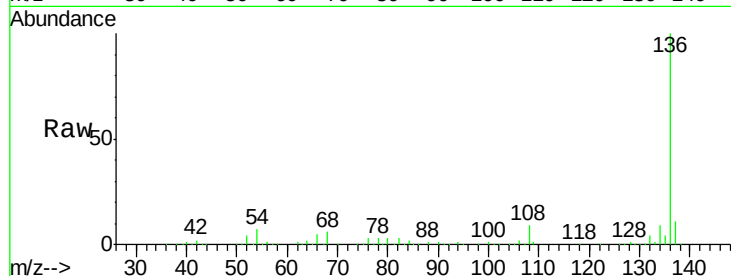




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

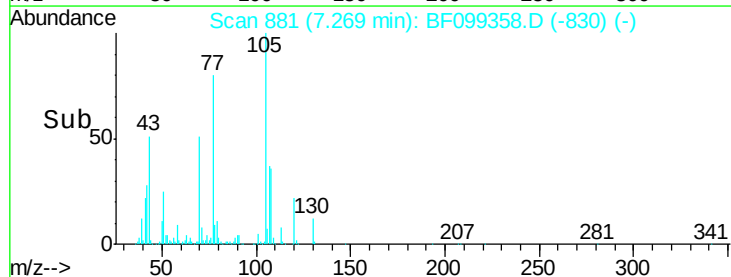
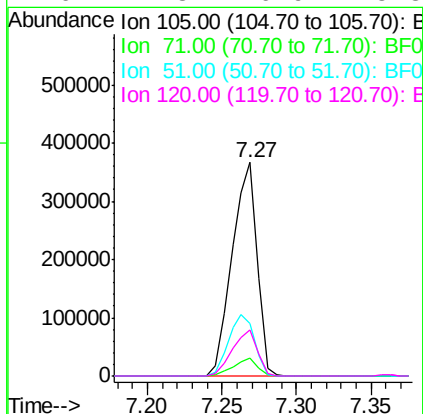
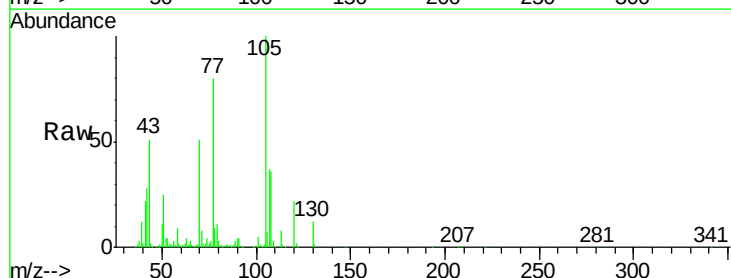
Instrument :
BNA_F
ClientSampleId :

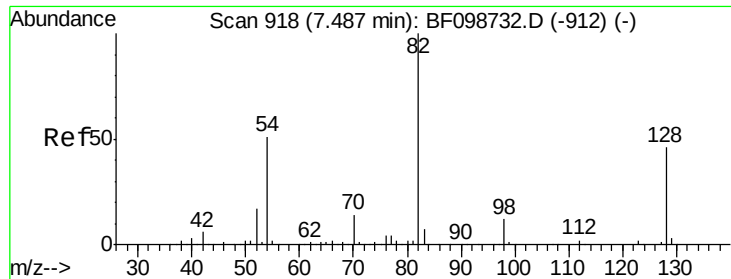
Tot Ion:136	Resp:	443943
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 7.1	6.6	9.8
68 6.0	5.0	7.4



#22
Acetophenone
Concen: 40.09 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt	Ion:105	Resp:	431198
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	24.5	22.3	33.5
120	21.8	16.9	25.3

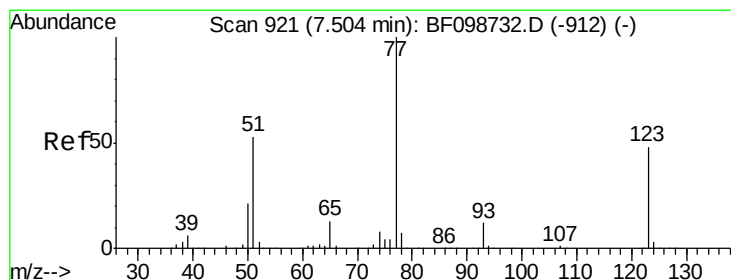
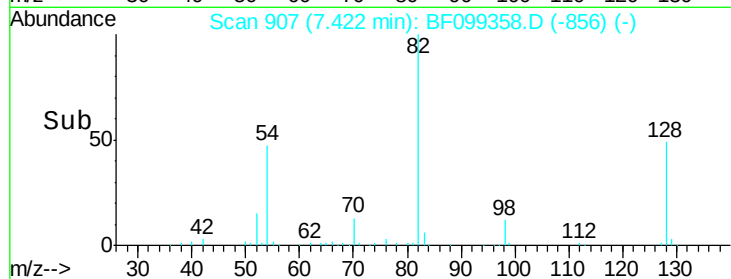
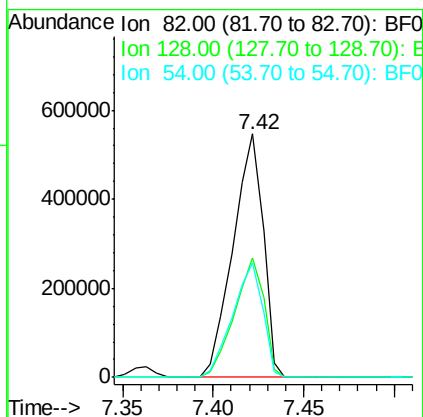
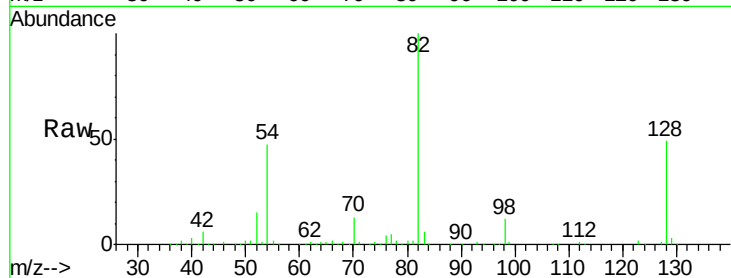




#23
 Nitrobenzene-d5
 Concen: 91.26 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

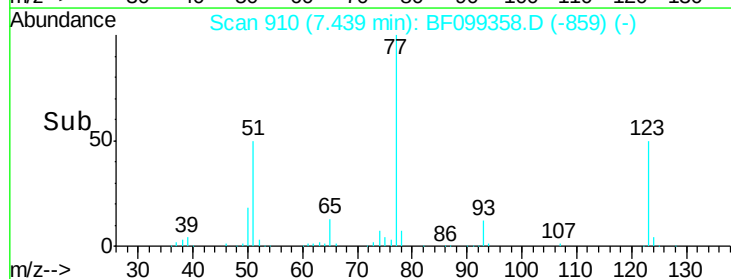
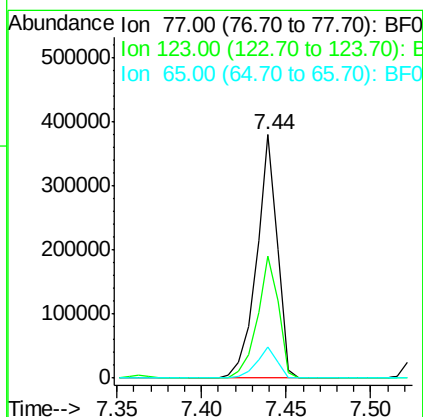
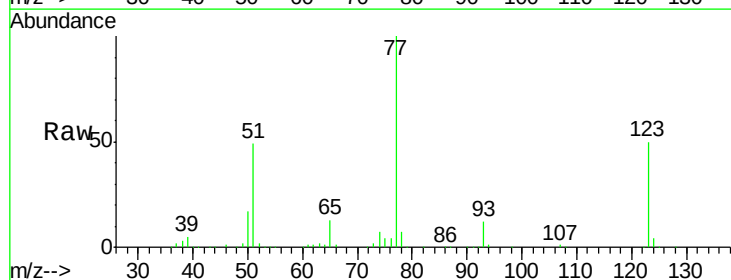
Instrument :
 BNA_F
 ClientSampleId :

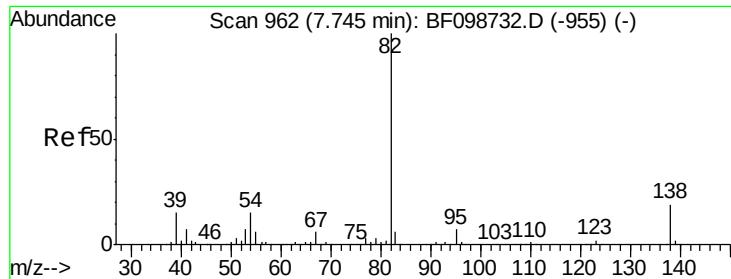
Tot Ion: 82 Resp: 631724
 Ion Ratio Lower Upper
 82 100
 128 49.1 36.1 54.1
 54 47.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.48 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion: 77 Resp: 325709
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.9 56.9
 65 12.8 11.0 16.4





#25

Isophorone

Concen: 42.34 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

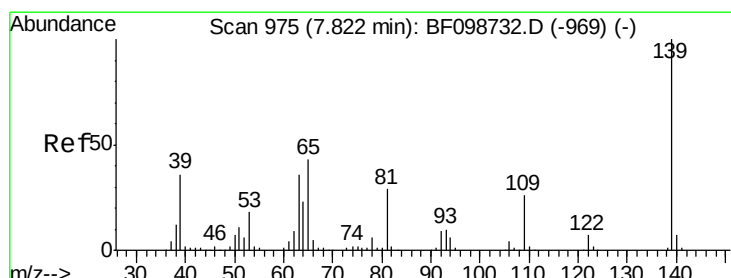
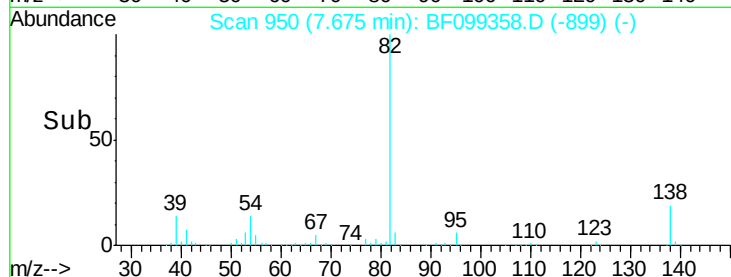
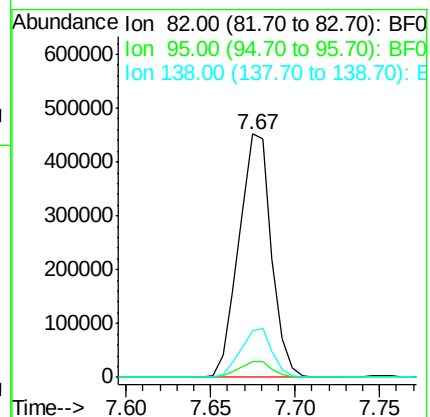
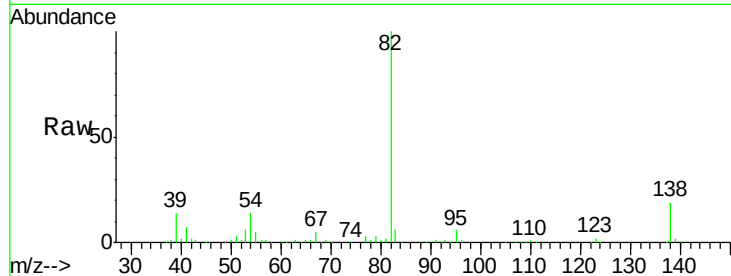
Tot Ion: 82 Resp: 605951

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 49.09 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

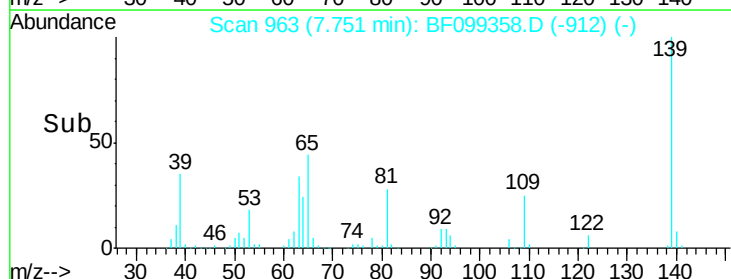
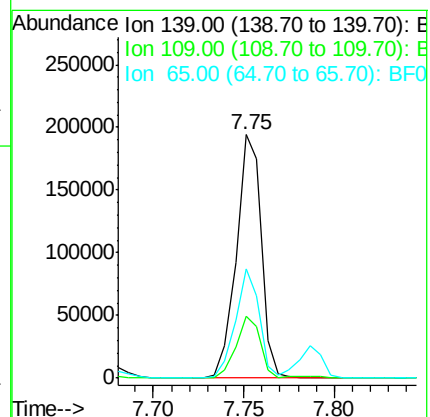
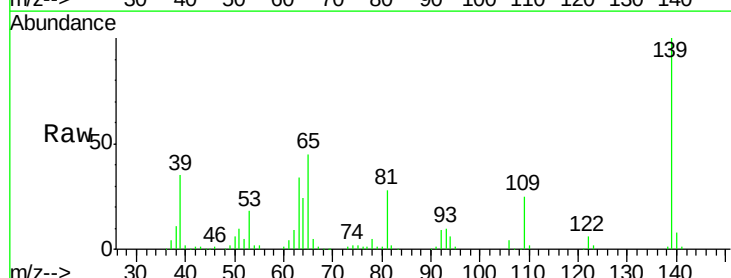
Tgt Ion: 139 Resp: 185384

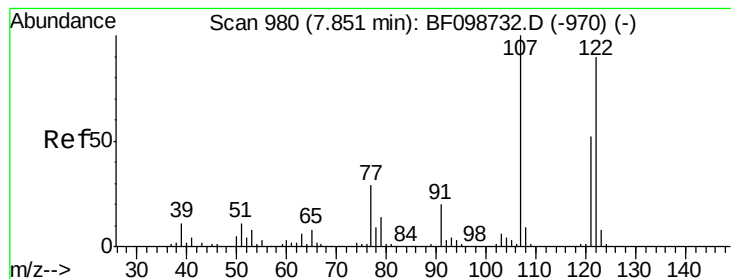
Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

65 44.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.02 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampled :

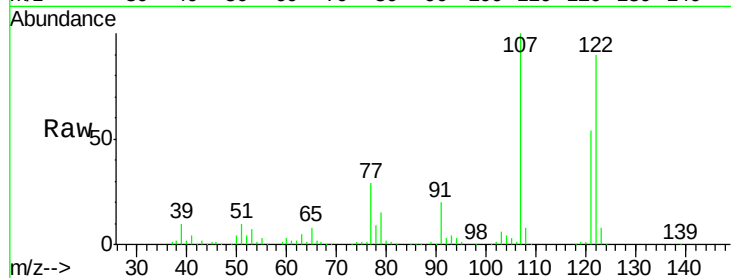
Tot Ion:122 Resp: 292539

Ion Ratio Lower Upper

122 100

107 111.3 91.2 136.8

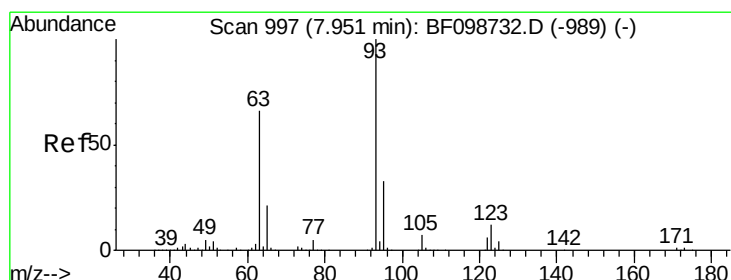
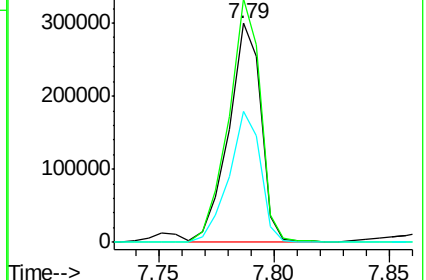
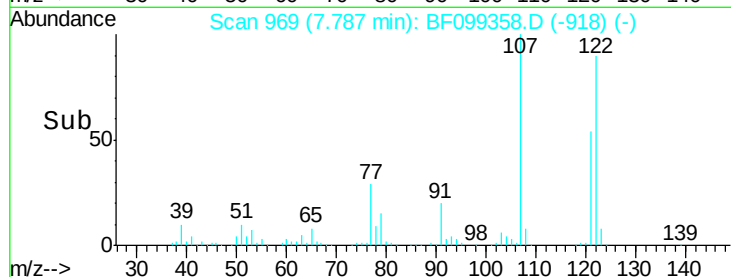
121 59.7 47.2 70.8



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: 44.02 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

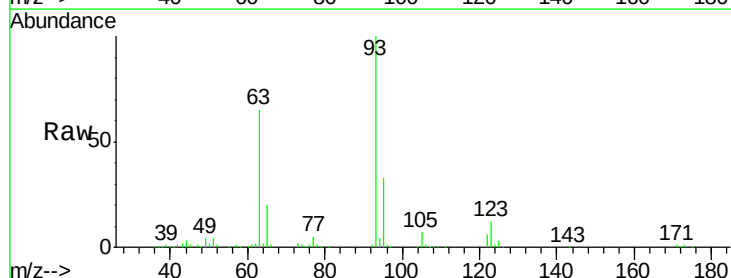
Tgt Ion: 93 Resp: 392613

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

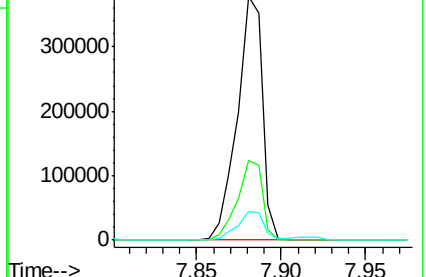
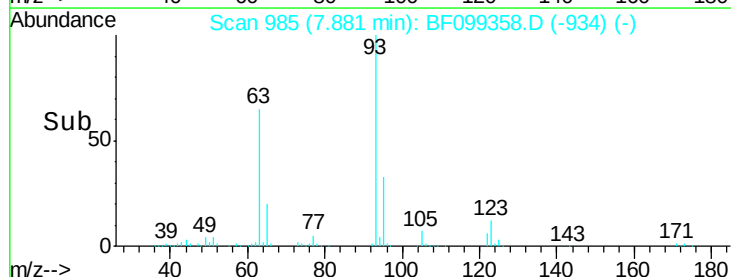
123 11.8 9.8 14.6

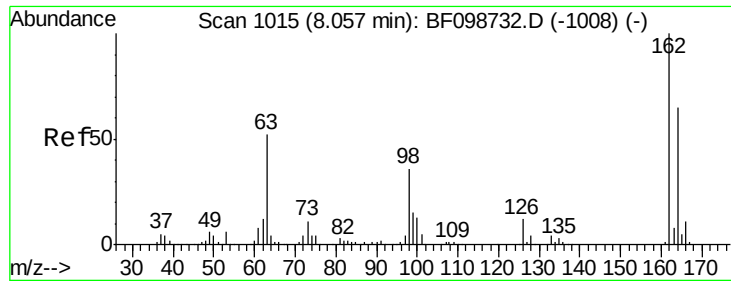


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

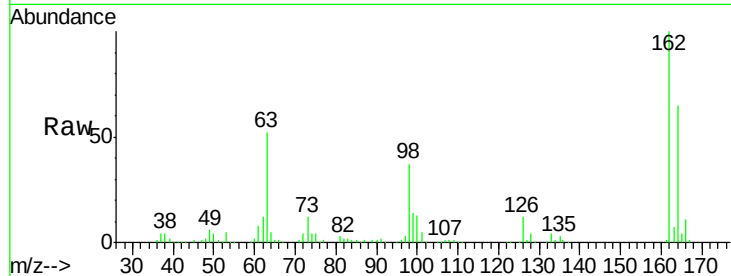




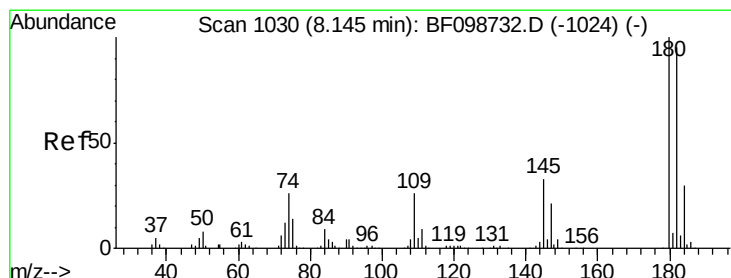
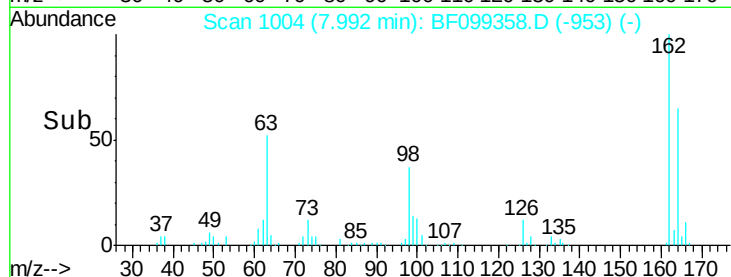
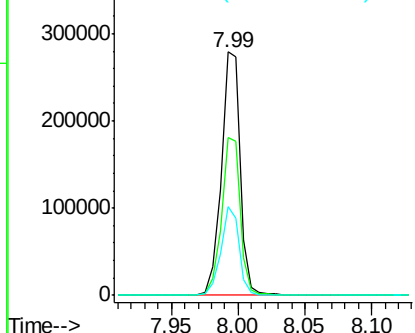
#29
2,4-Dichlorophenol
Concen: 45.71 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	36.5	18.1	58.1

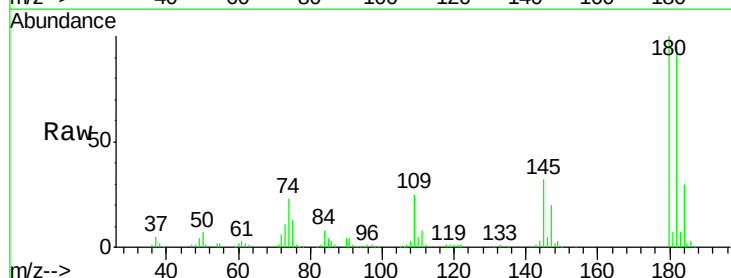


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

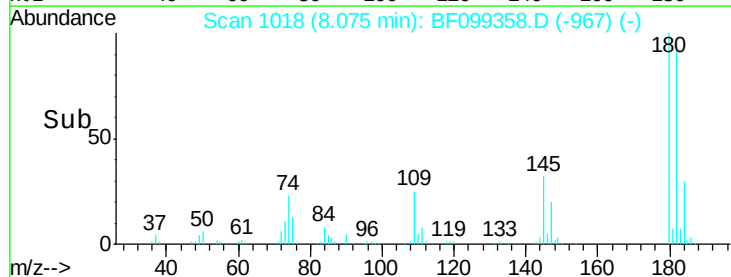
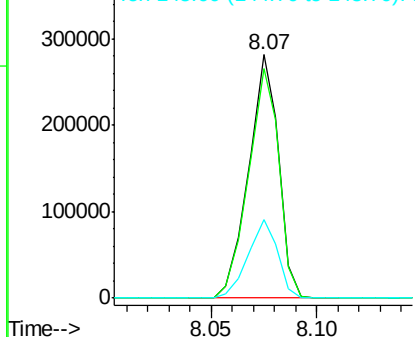


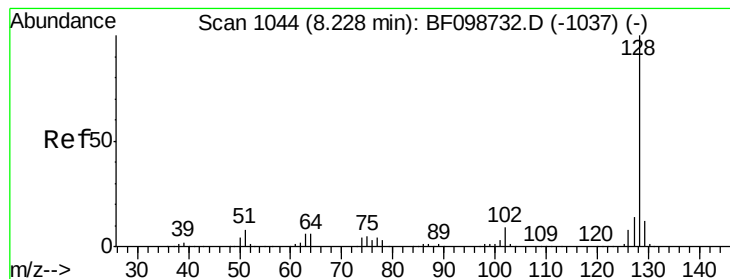
#30
1,2,4-Trichlorobenzene
Concen: 45.08 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	32.4	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: 44.42 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

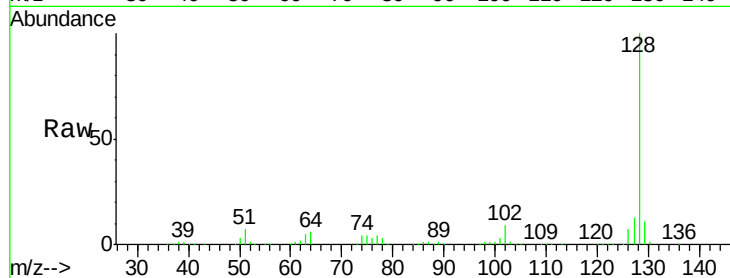
Tot Ion:128 Resp: 926074

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

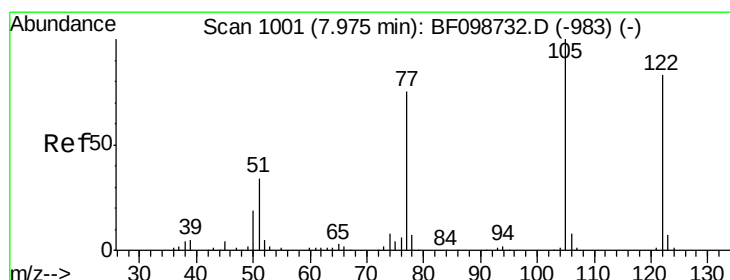
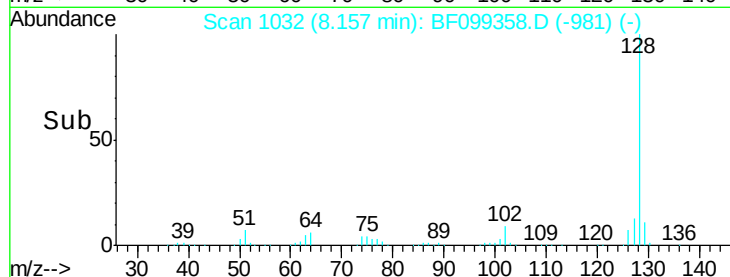
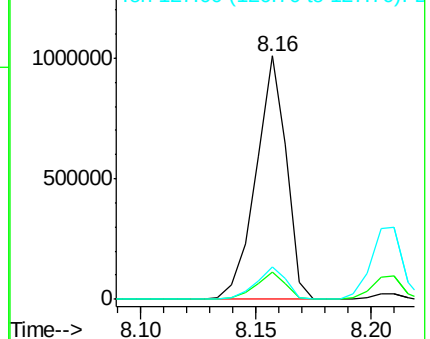
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.74 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

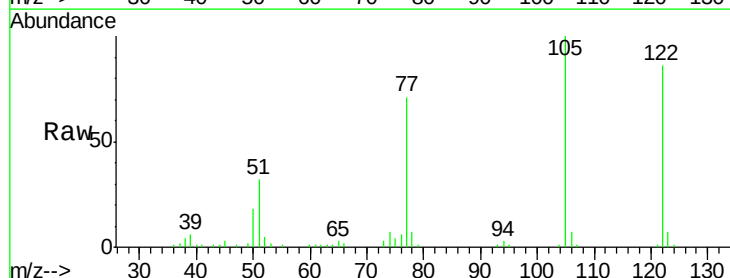
Tgt Ion:122 Resp: 139083

Ion Ratio Lower Upper

122 100

105 116.3 101.1 141.1

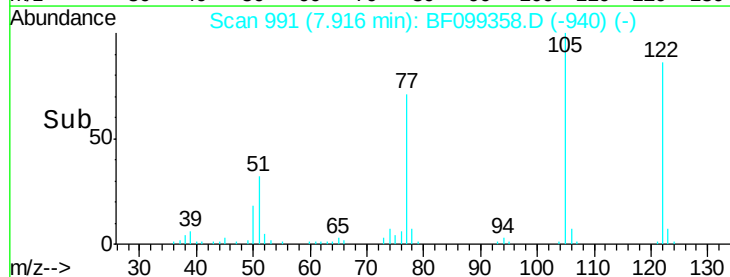
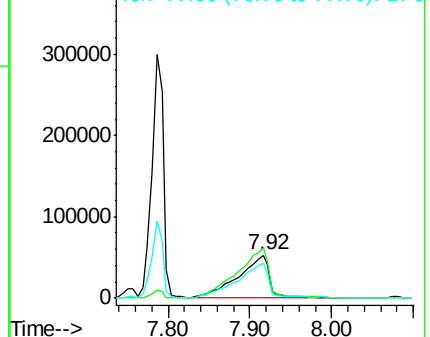
77 83.0 70.7 110.7

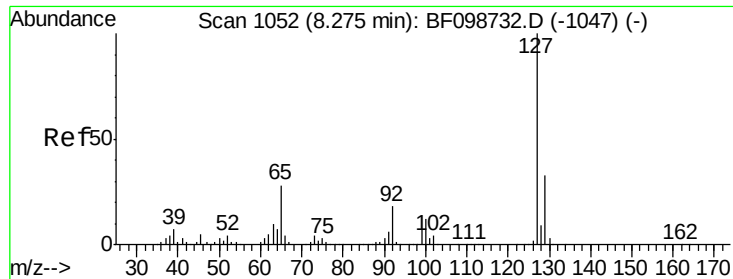


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

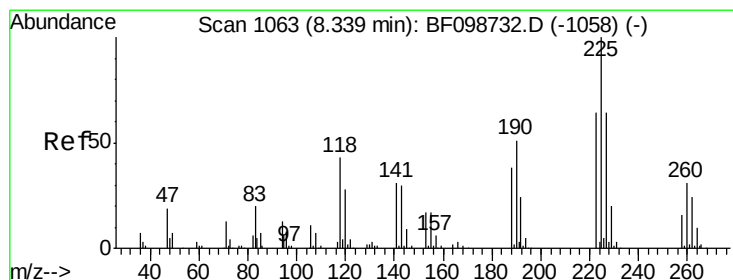
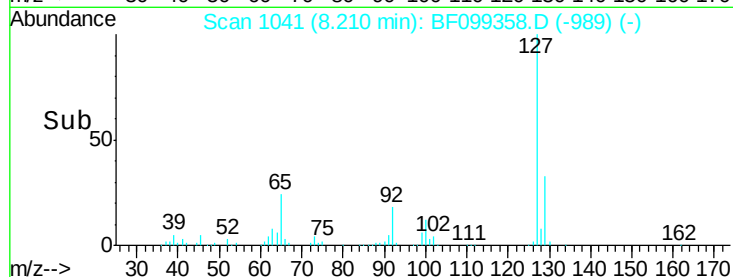
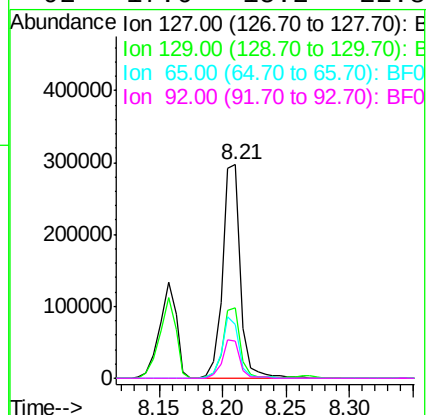
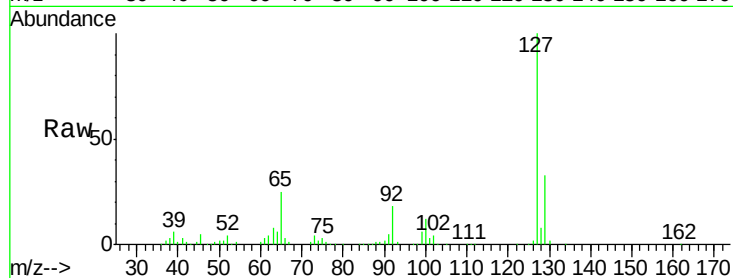




#33
4-Chloroaniline
Concen: 33.53 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

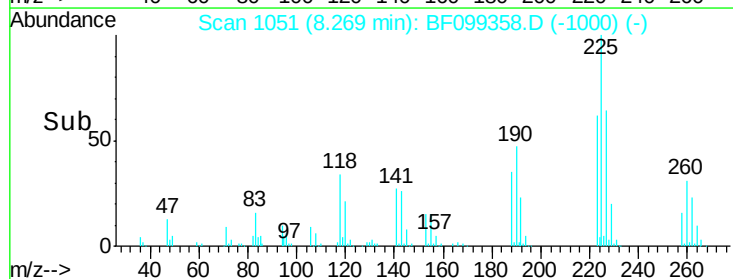
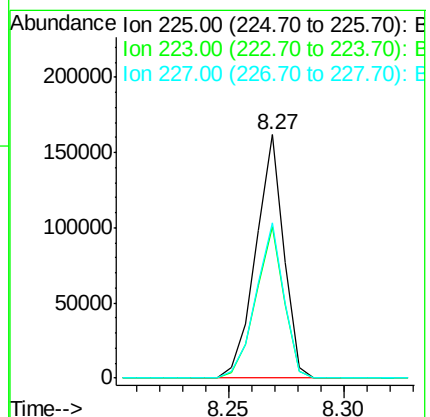
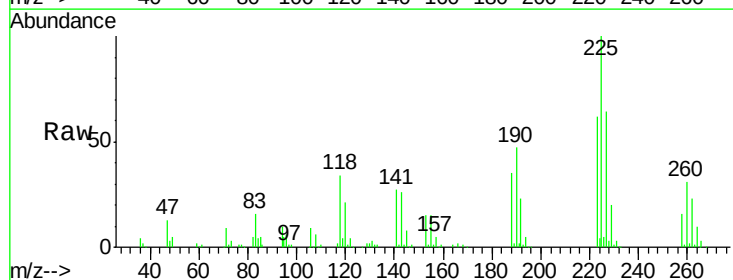
Instrument :
BNA_F
ClientSampleId :

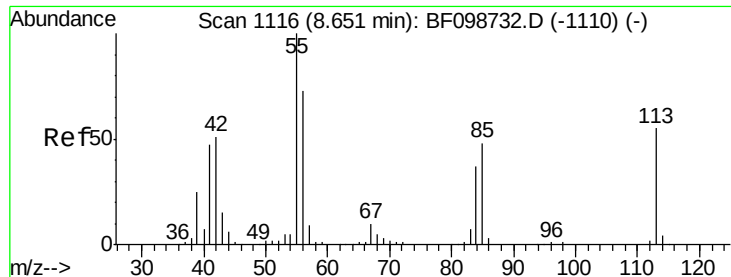
Tot Ion:	127	Resp:	291978
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	24.9	25.0	37.4
92	17.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.42 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:	225	Resp:	136942
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.6	51.9	77.9

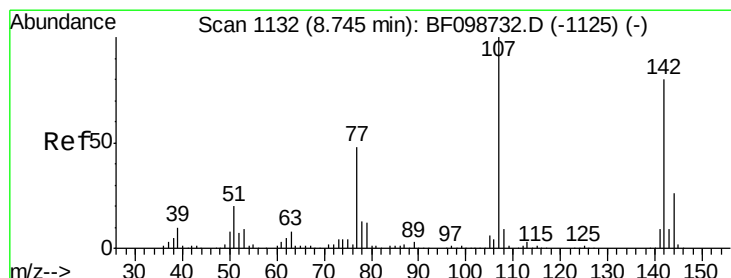
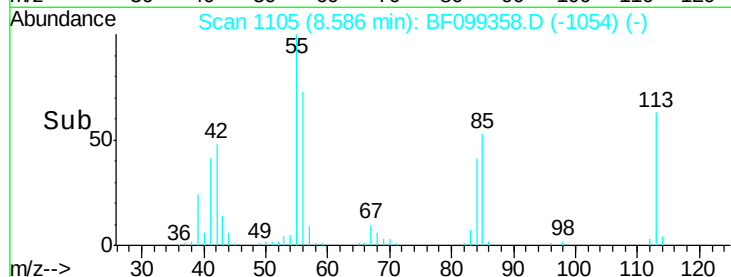
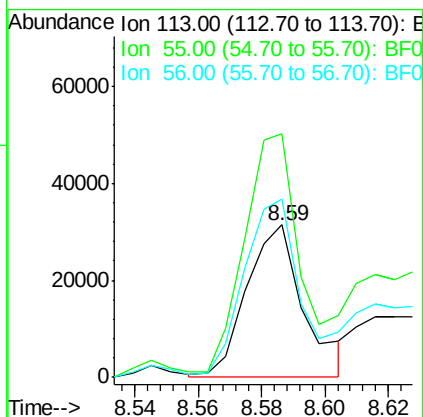
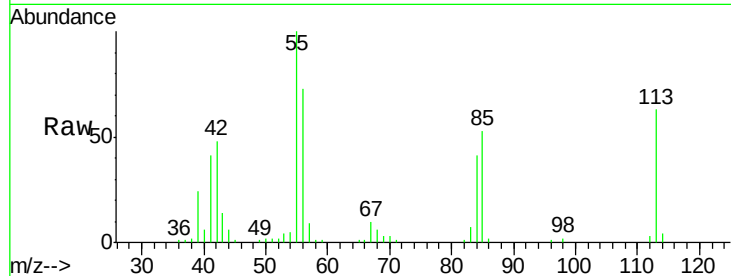




#35
Caprolactam
Concen: 19.90 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

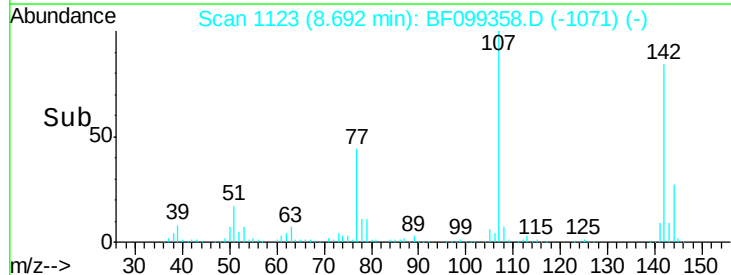
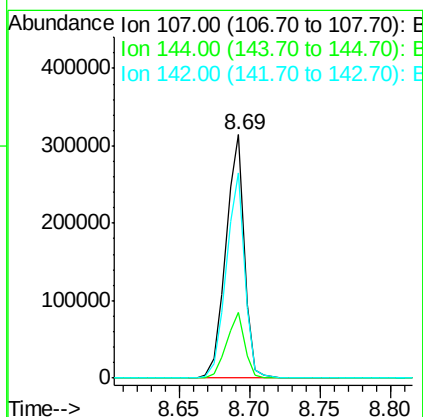
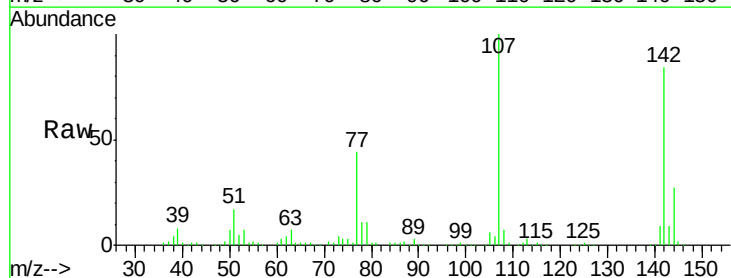
Instrument :
BNA_F
ClientSampleId :

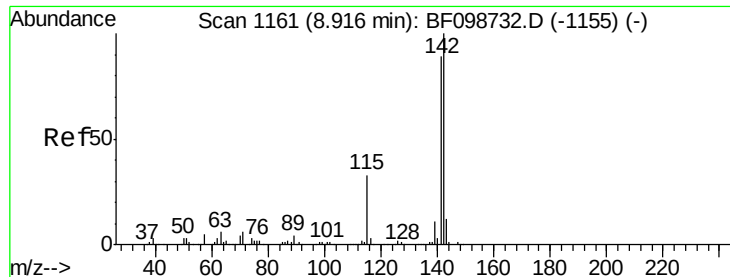
Tot Ion:113 Resp: 39091
Ion Ratio Lower Upper
113 100
55 159.9 163.3 203.3#
56 117.1 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 41.78 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:107 Resp: 287536
Ion Ratio Lower Upper
107 100
144 26.8 20.5 30.7
142 84.0 62.0 93.0

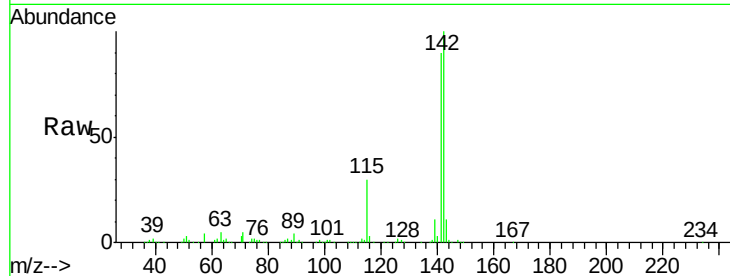




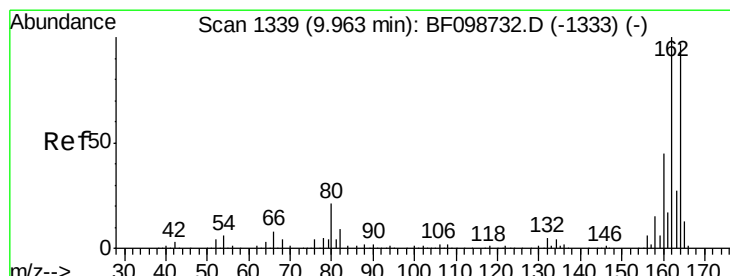
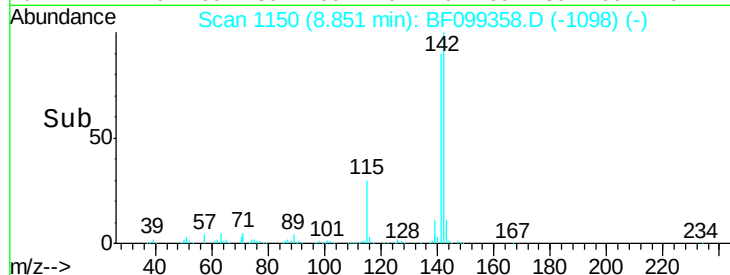
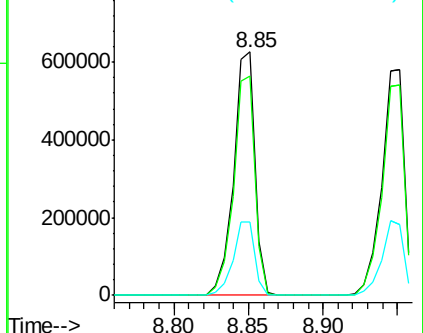
#37
2-Methylnaphthalene
Concen: 46.53 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	30.0	26.1	39.1

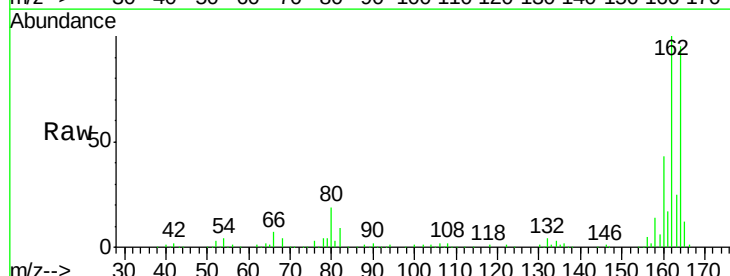


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

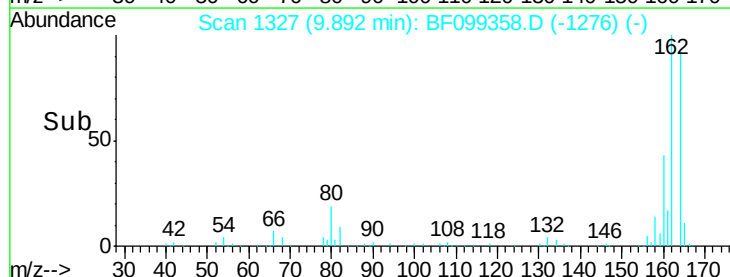
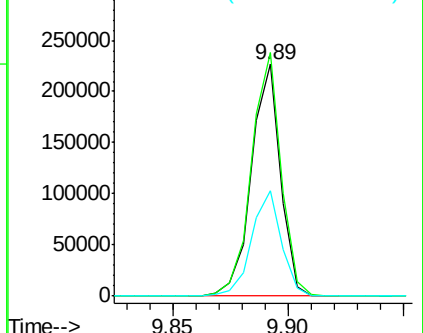


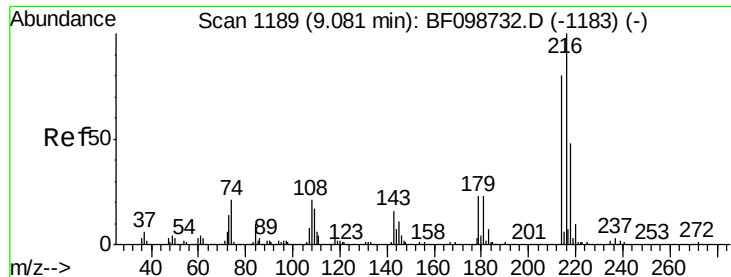
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	45.5	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.49 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF099358.D

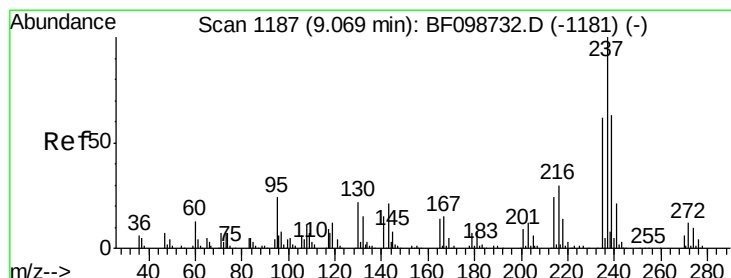
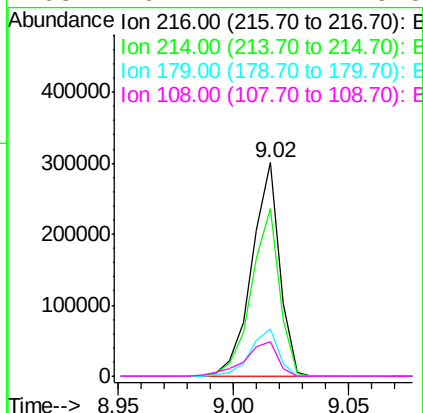
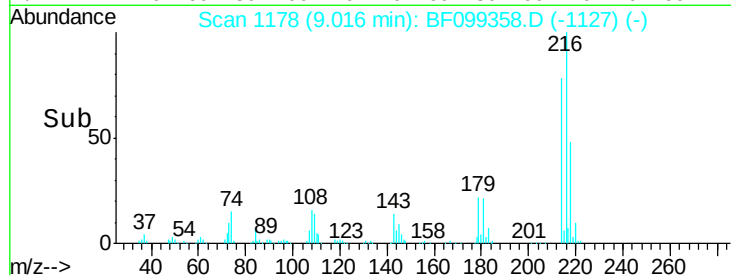
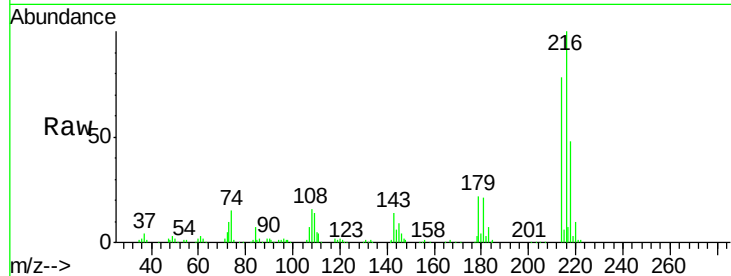
Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	253253
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.4	18.1	27.1
108	20.1	17.2	25.8



#40

Hexachlorocyclopentadiene

Concen: 60.51 ng

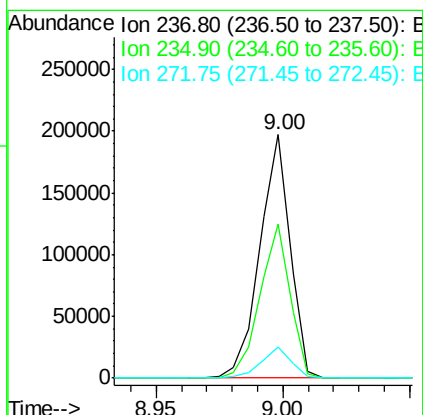
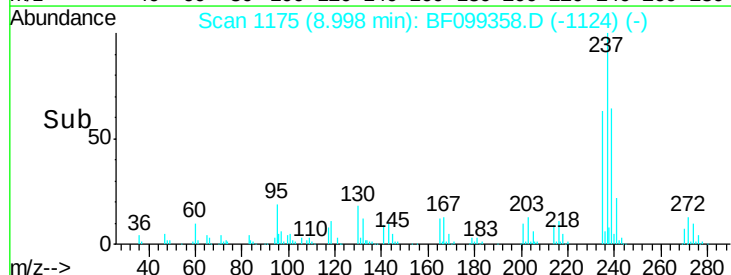
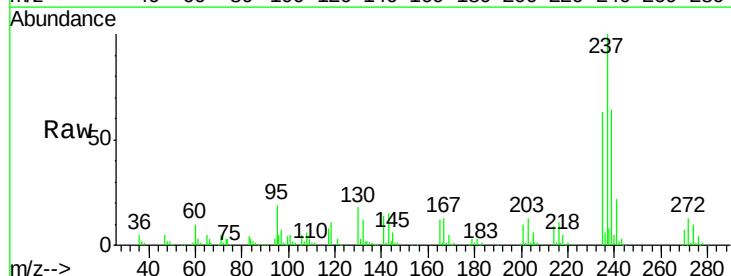
RT: 9.00 min Scan# 1175

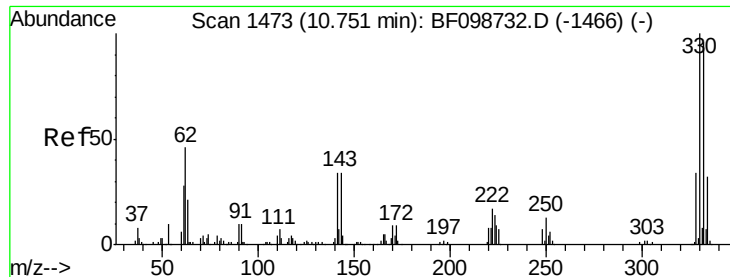
Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Tgt Ion:	237	Resp:	164809
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	13.0	0.0	33.3

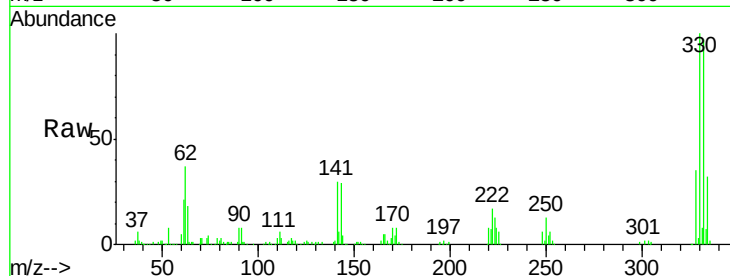




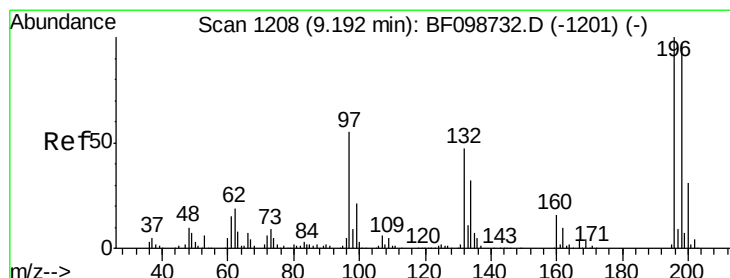
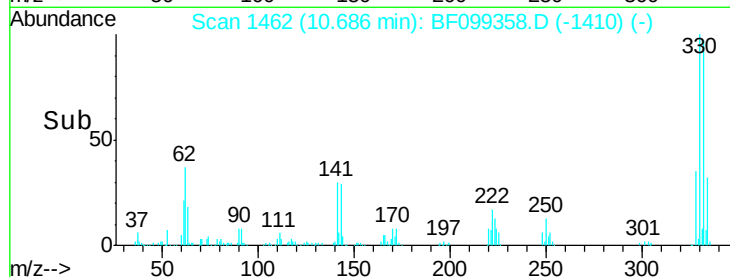
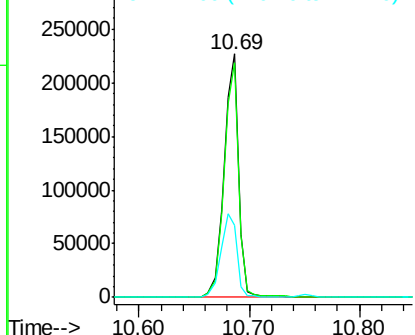
#41
 2,4,6-Tribromophenol
 Concen: 128.66 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 210381
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 37.8 29.9 44.9

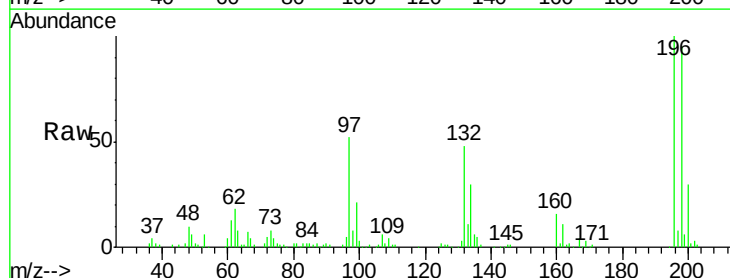


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

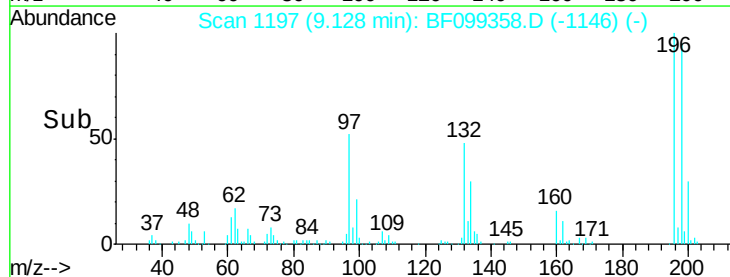
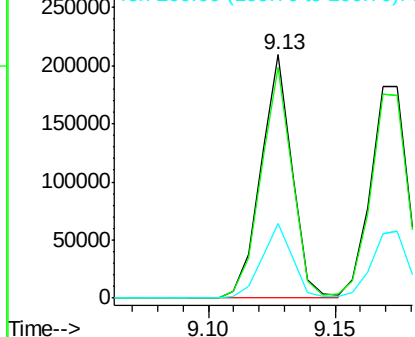


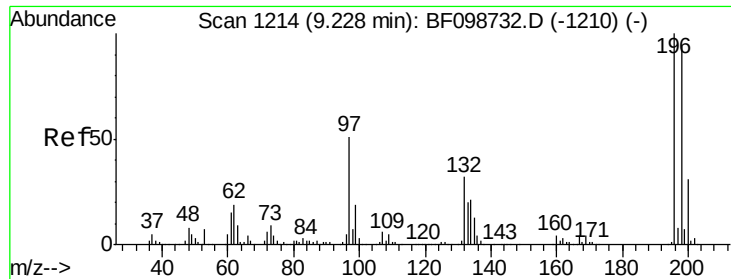
#42
 2,4,6-Trichlorophenol
 Concen: 42.63 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion:196 Resp: 179971
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.5 24.5 36.7



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

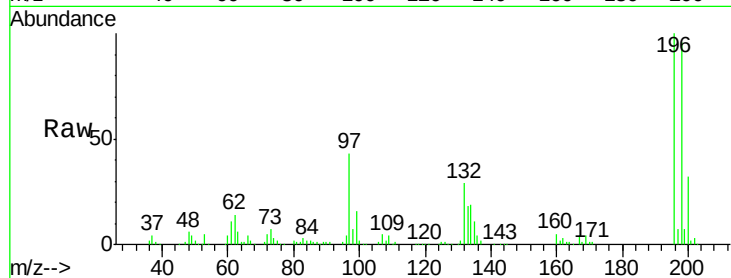




#43
 2,4,5-Trichlorophenol
 Concen: 45.10 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	43.3	42.9	64.3
132	28.6	26.3	39.5



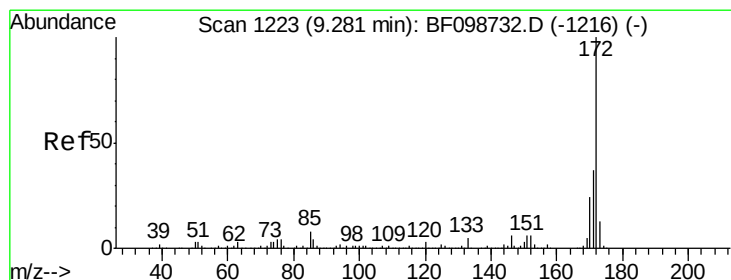
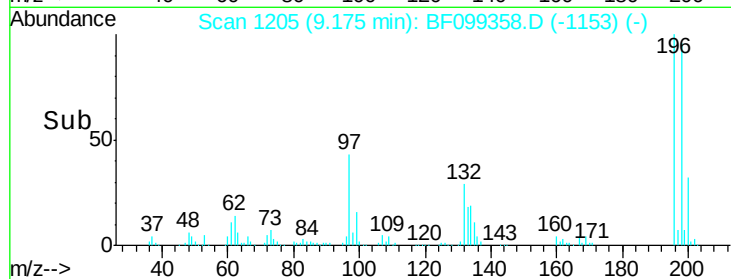
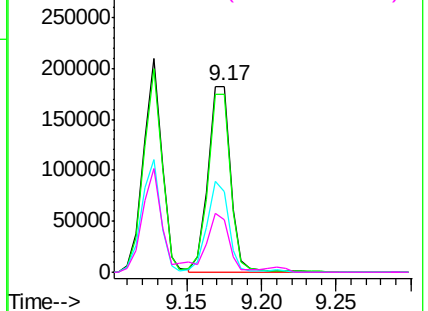
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

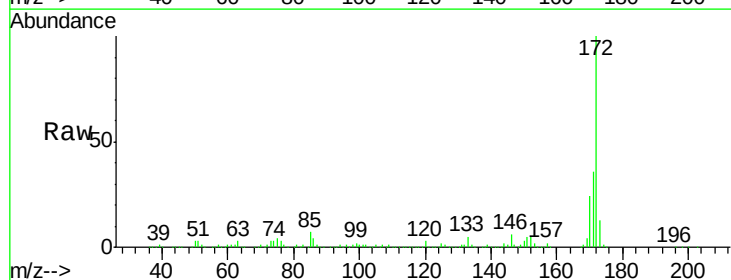
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4

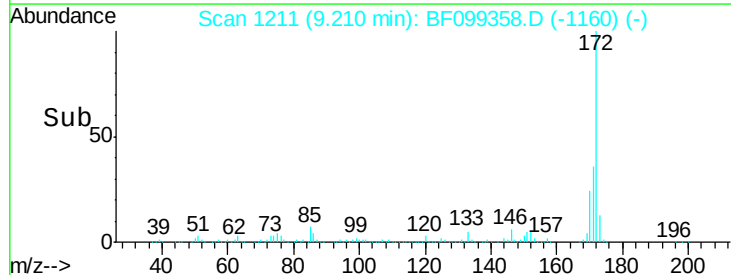
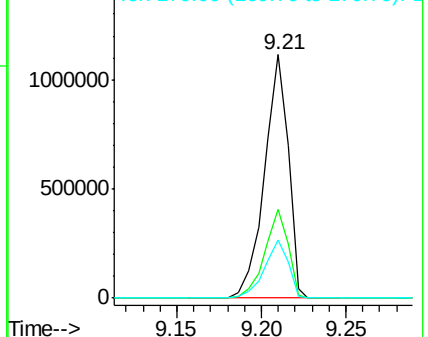


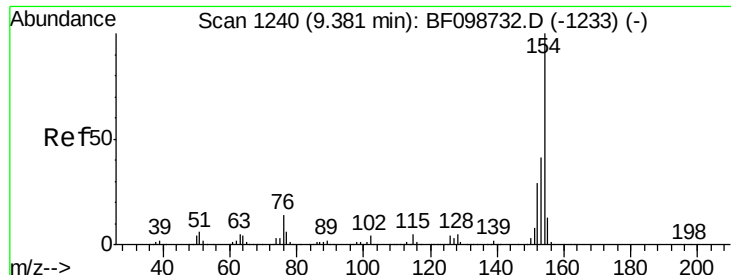
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

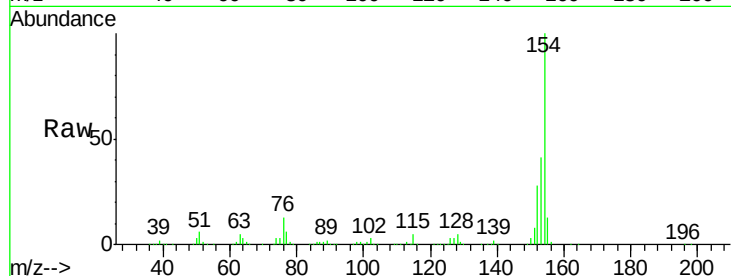




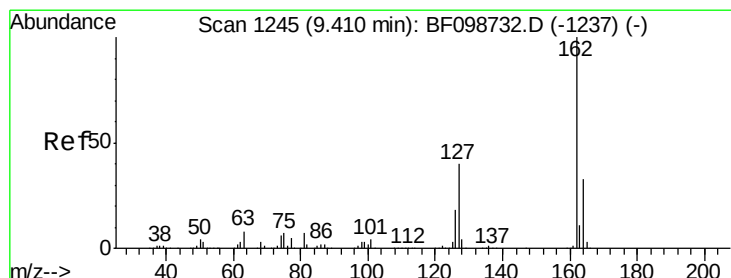
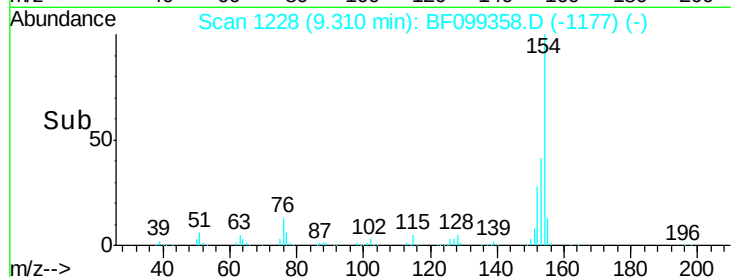
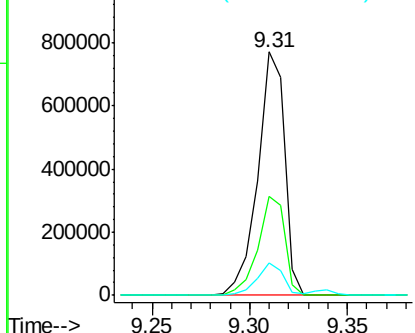
#45
 1,1'-Biphenyl
 Concen: 42.72 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.3	0.0	34.0

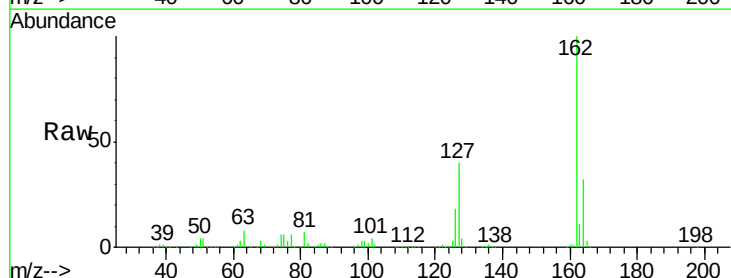


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

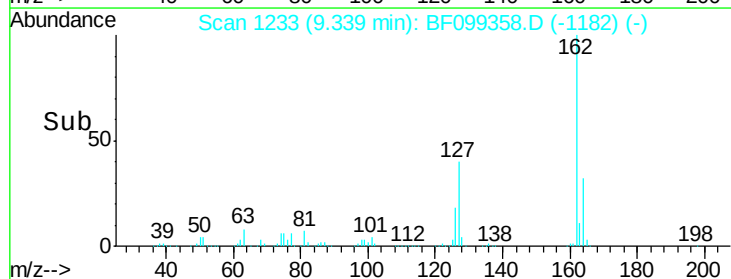
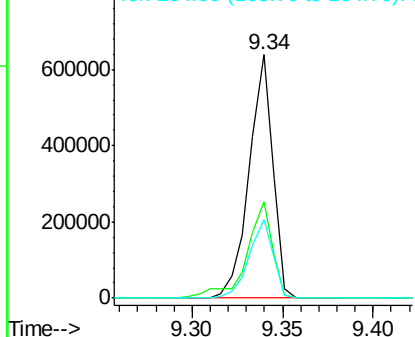


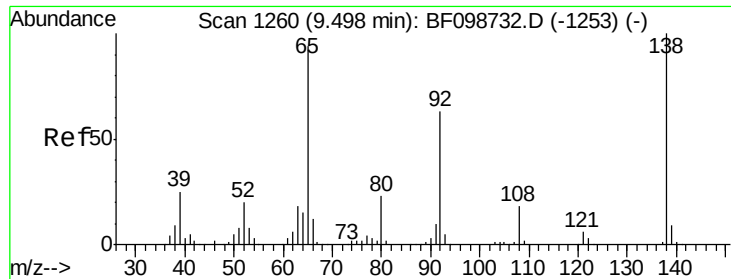
#46
 2-Chloronaphthalene
 Concen: 44.91 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.9	50.9
164	32.3	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

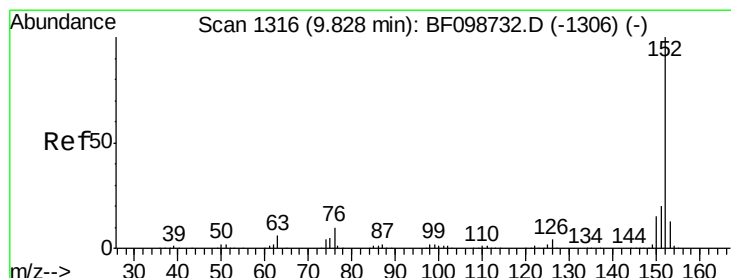
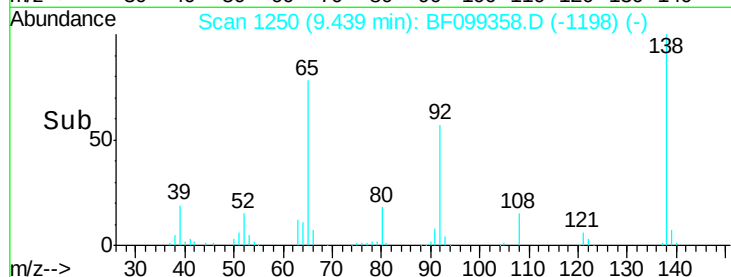
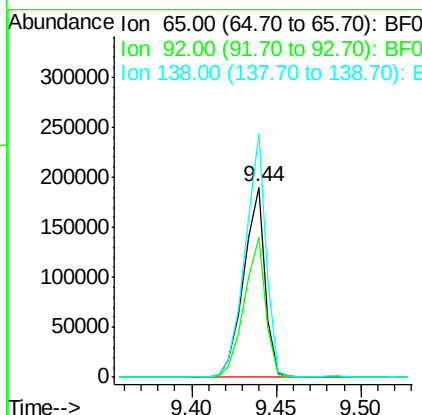
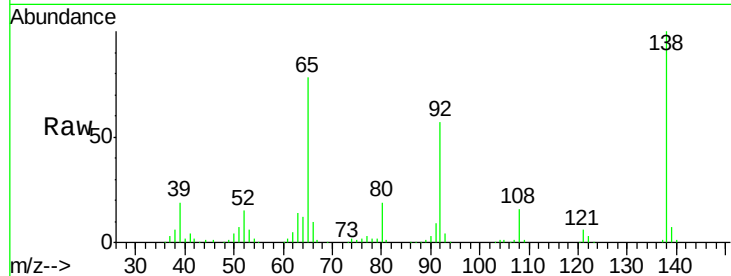




#47
2-Nitroaniline
Concen: 42.57 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

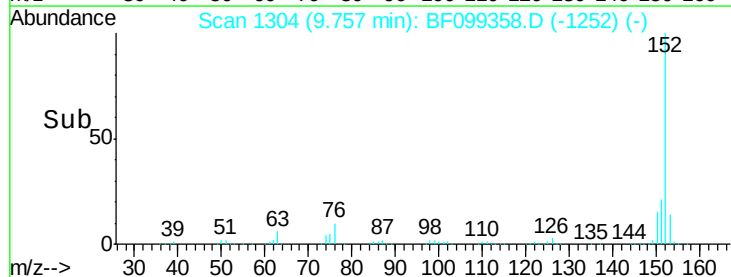
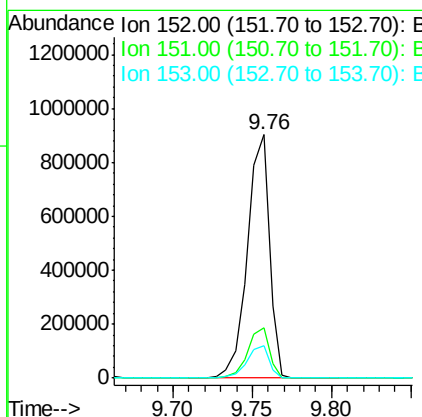
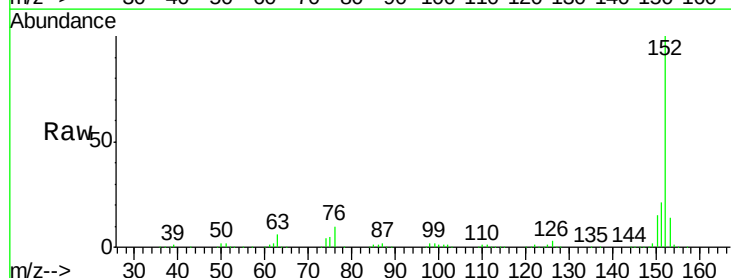
Instrument :
BNA_F
ClientSampleId :

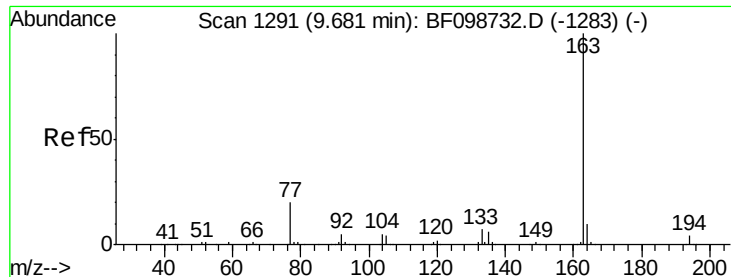
Tot Ion: 65 Resp: 168089
Ion Ratio Lower Upper
65 100
92 73.4 55.8 83.6
138 128.2 91.2 136.8



#48
Acenaphthylene
Concen: 44.03 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion: 152 Resp: 869206
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.5 10.7 16.1

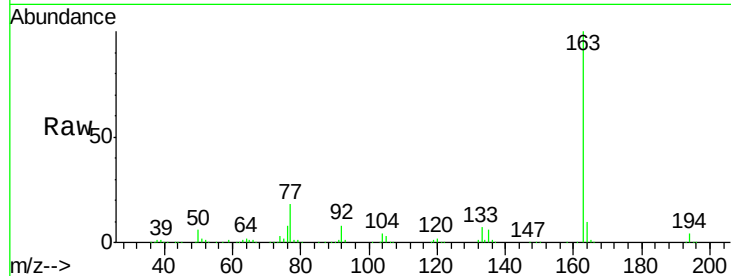




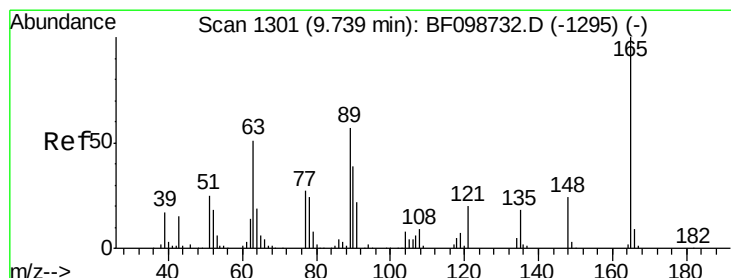
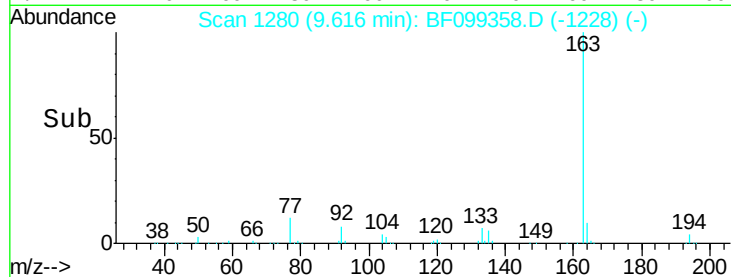
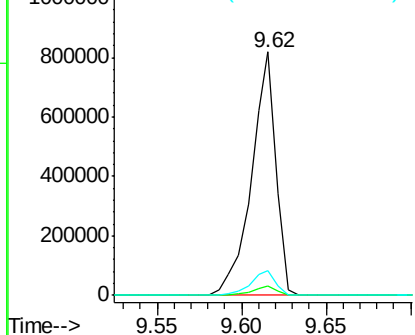
#49
Dimethylphthalate
Concen: 54.79 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 826442
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

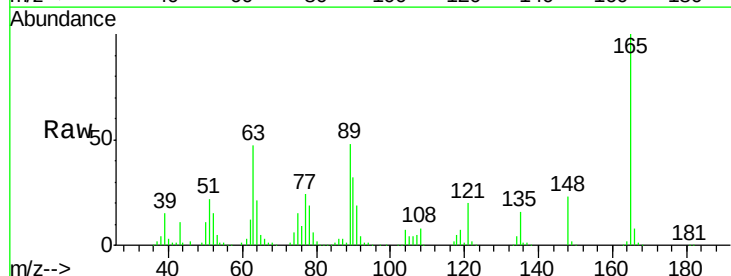


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

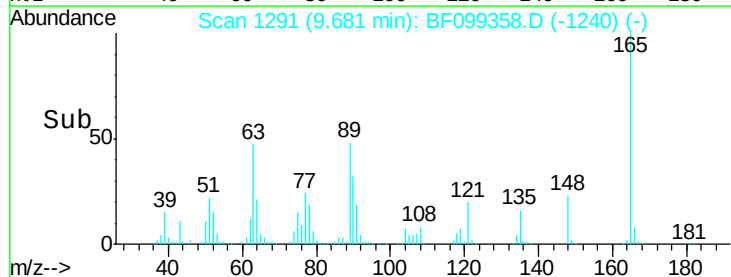
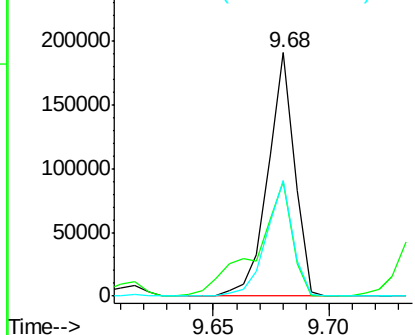


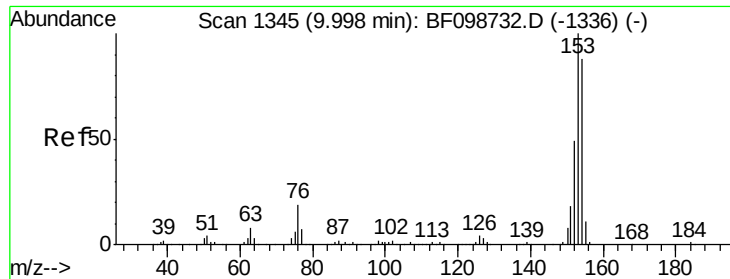
#50
2,6-Dinitrotoluene
Concen: 46.78 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:165 Resp: 153607
Ion Ratio Lower Upper
165 100
63 46.7 44.7 67.1
89 47.7 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: 40.78 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

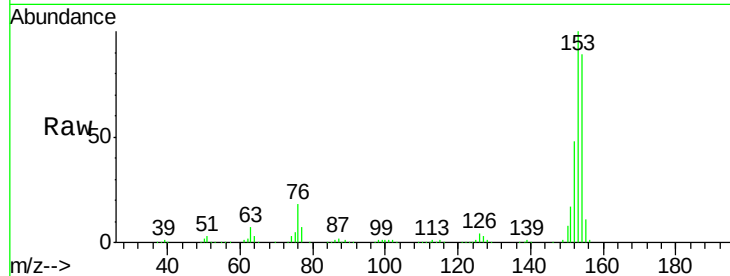
Tot Ion:154 Resp: 509975

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

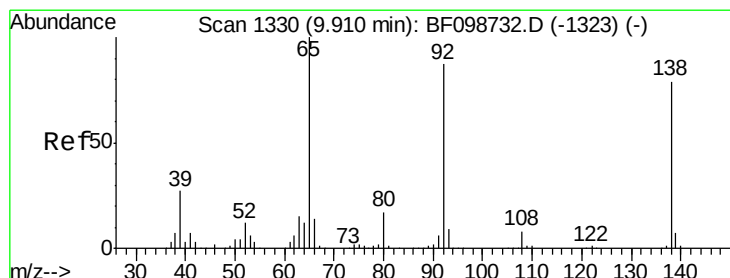
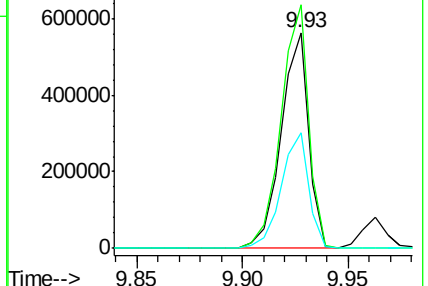
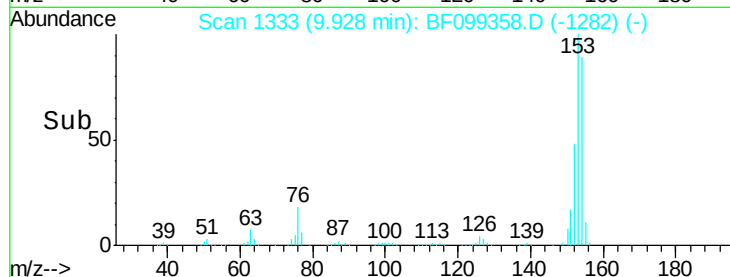
152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.01 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

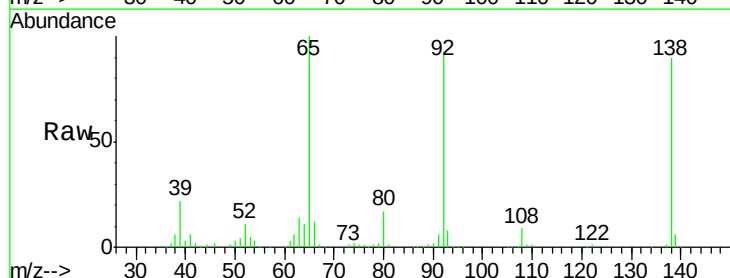
Tgt Ion:138 Resp: 141710

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

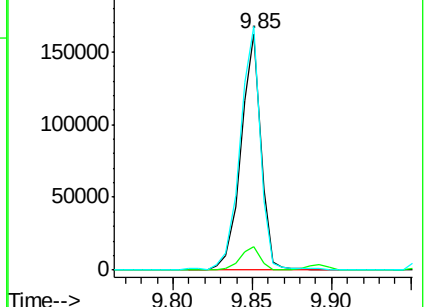
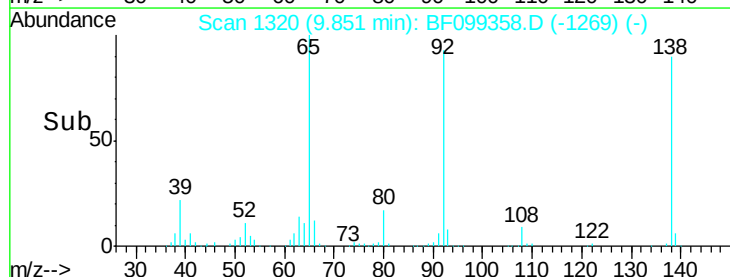
92 103.0 89.4 134.2

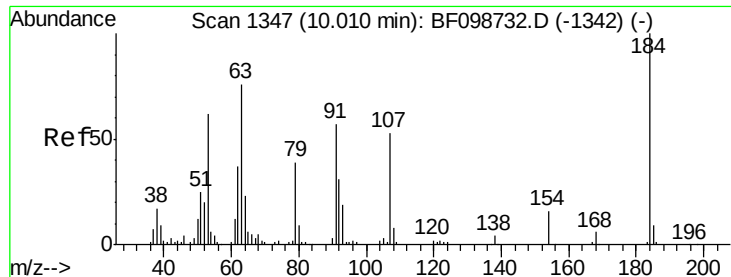


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

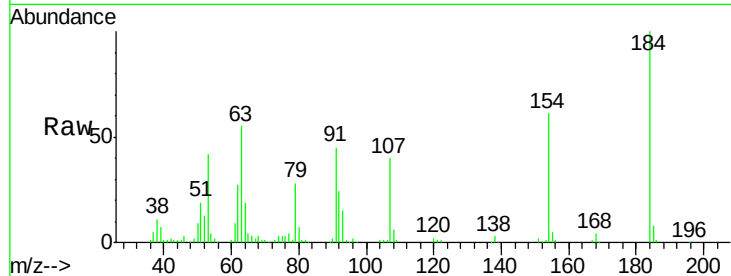




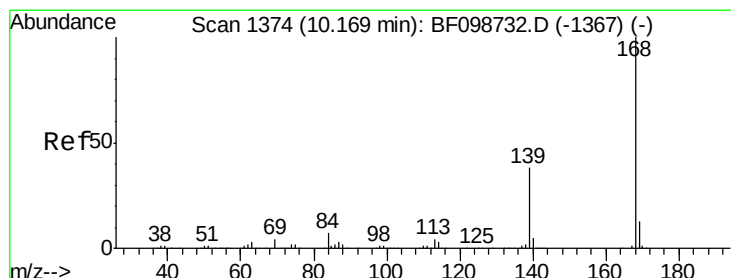
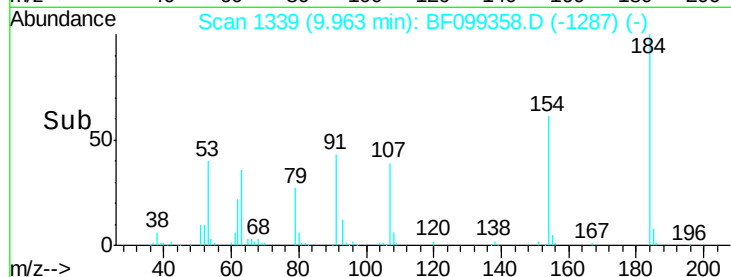
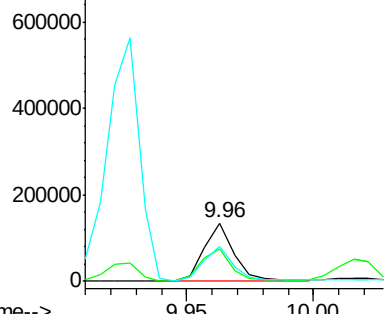
#53
2,4-Dinitrophenol
Concen: 66.99 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 112776
Ion Ratio Lower Upper
184 100
63 55.0 54.2 81.2
154 60.9 53.5 80.3

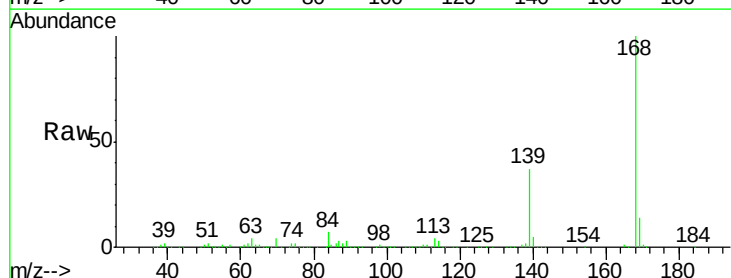


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

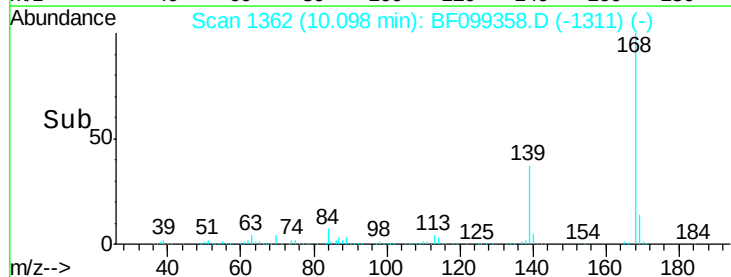
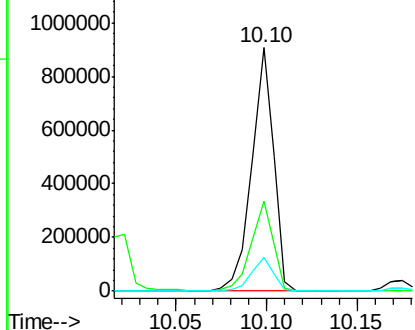


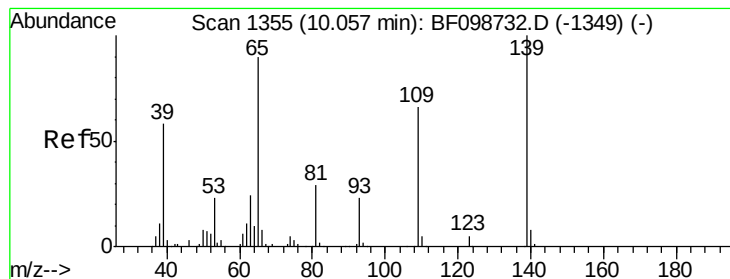
#54
Dibenzofuran
Concen: 45.61 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:168 Resp: 759310
Ion Ratio Lower Upper
168 100
139 36.9 30.1 45.1
169 13.6 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: 69.22 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

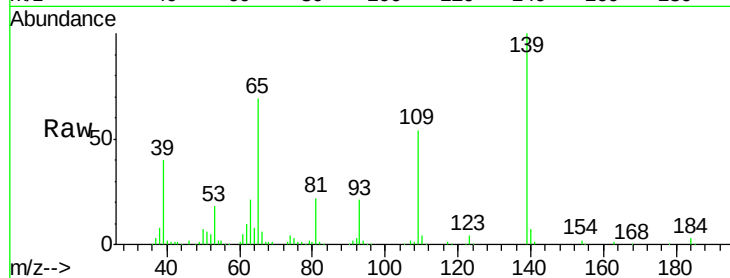
Tot Ion:139 Resp: 224091

Ion Ratio Lower Upper

139 100

109 54.5 48.4 88.4

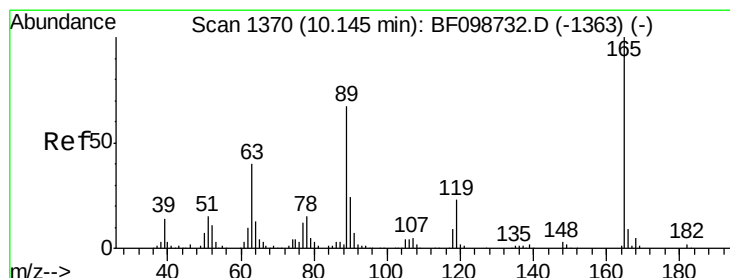
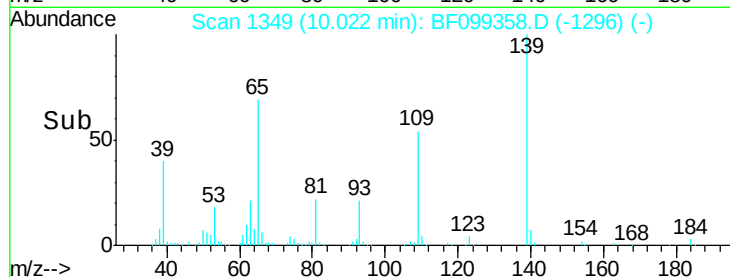
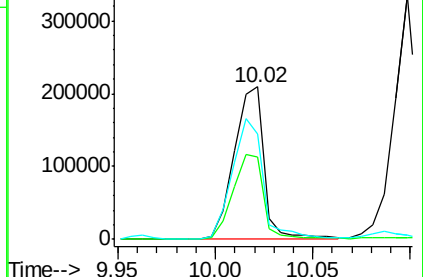
65 69.0 72.6 112.6#



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: 46.50 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Tgt Ion:165 Resp: 198176

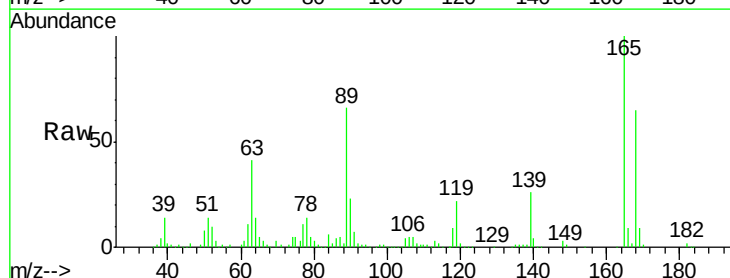
Ion Ratio Lower Upper

165 100

63 41.5 36.4 54.6

89 66.0 57.8 86.6

182 2.4 1.6 2.4#

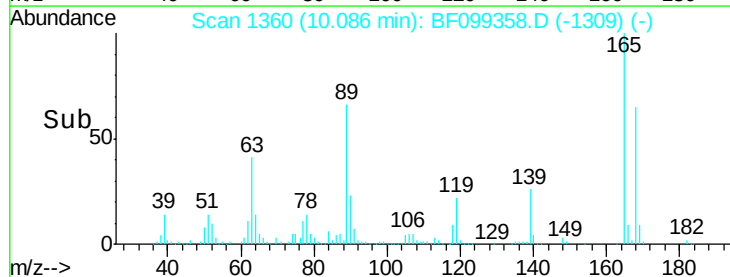
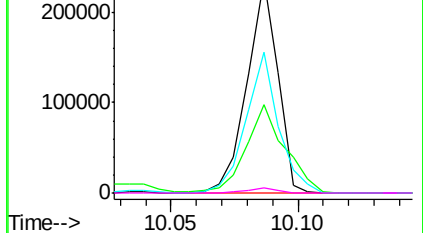


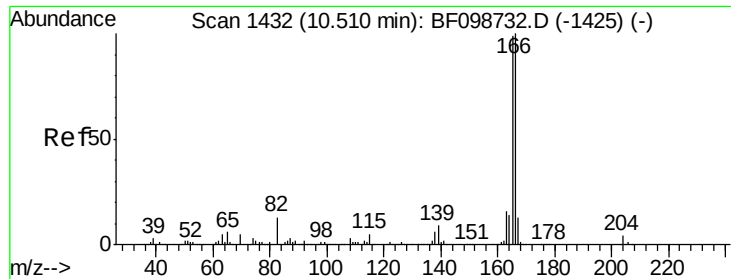
Abundance Ion 165.00 (164.70 to 165.70): E

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

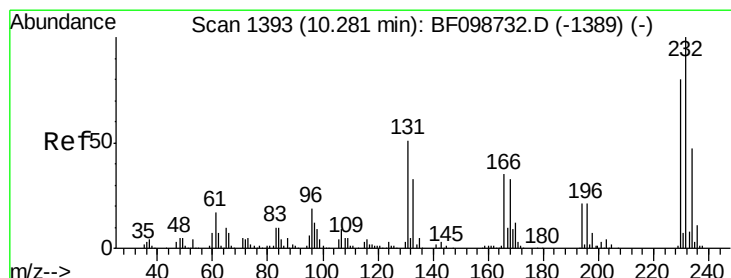
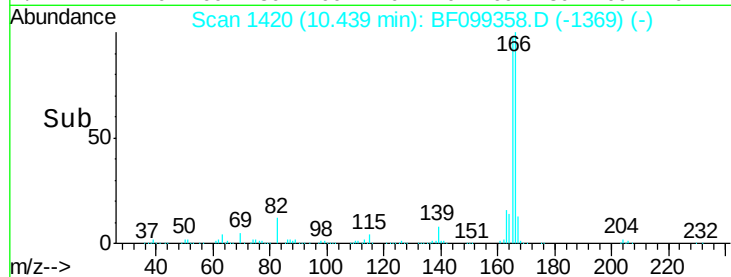
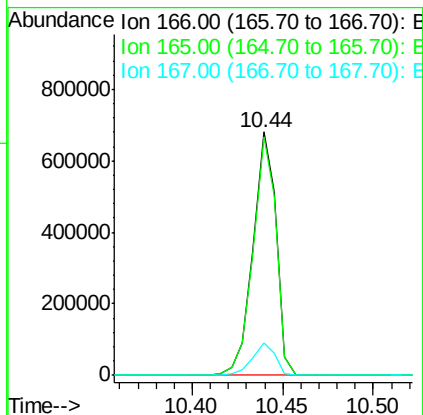
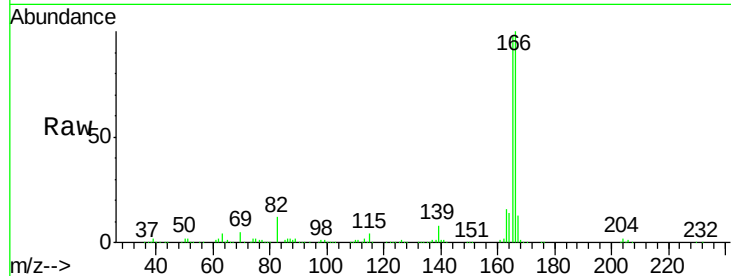




#57
 Fluorene
 Concen: 45.08 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

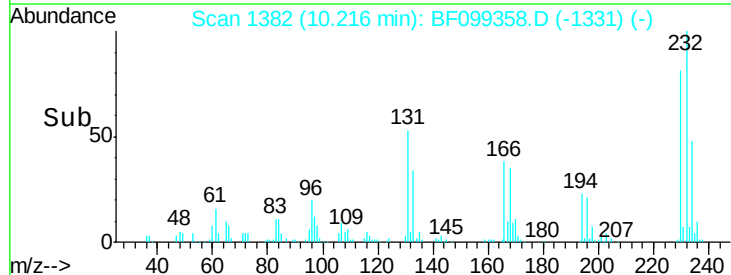
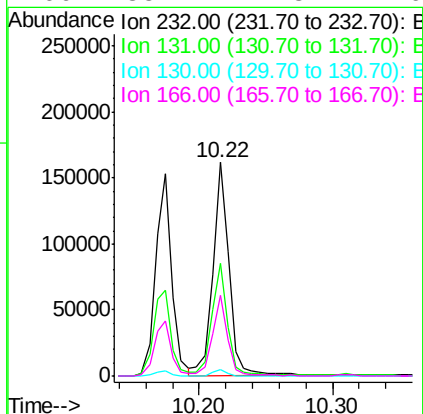
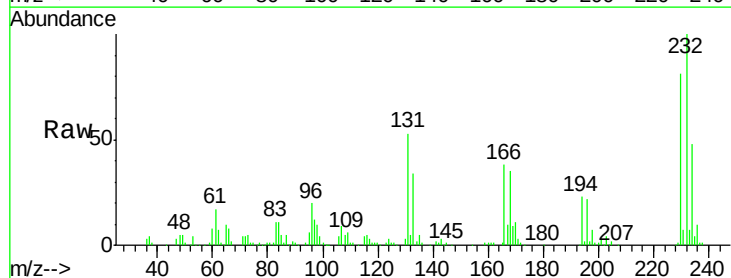
Instrument :
 BNA_F
 ClientSampleId :

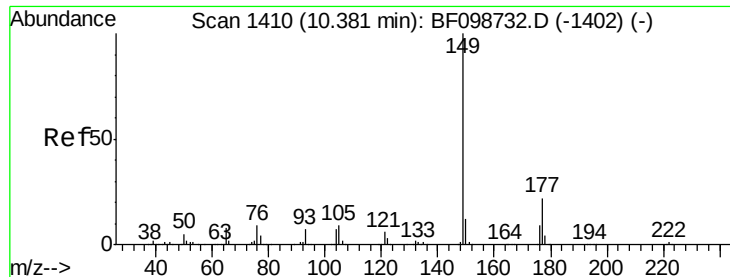
Tot Ion:166 Resp: 603282
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.52 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion:232 Resp: 138363
 Ion Ratio Lower Upper
 232 100
 131 50.8 43.8 65.8
 130 2.5 2.1 3.1
 166 35.1 27.8 41.6

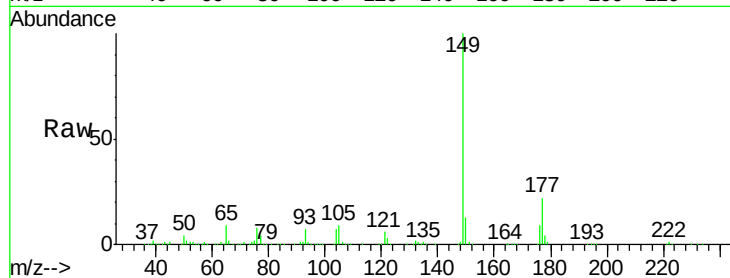




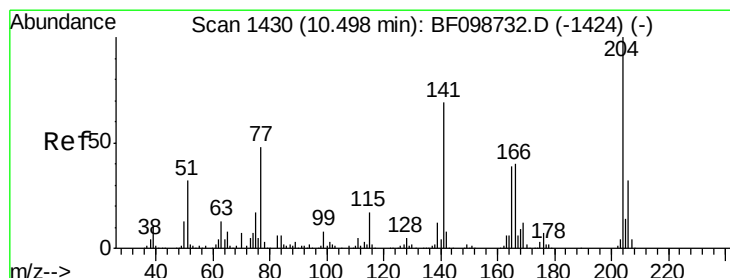
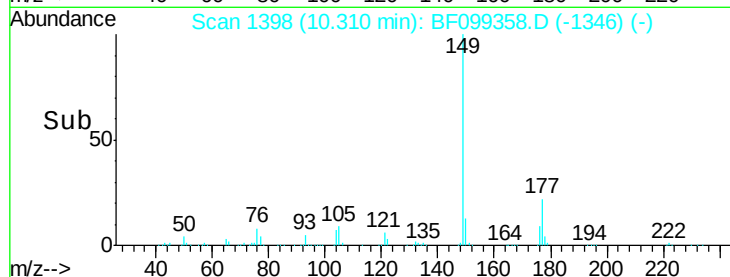
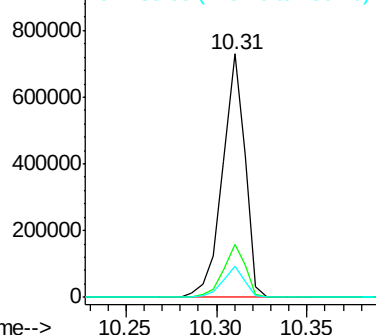
#59
Diethylphthalate
Concen: 42.59 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 627760
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.8 10.1 15.1

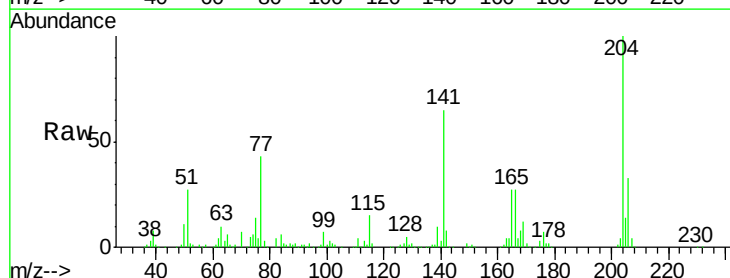


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

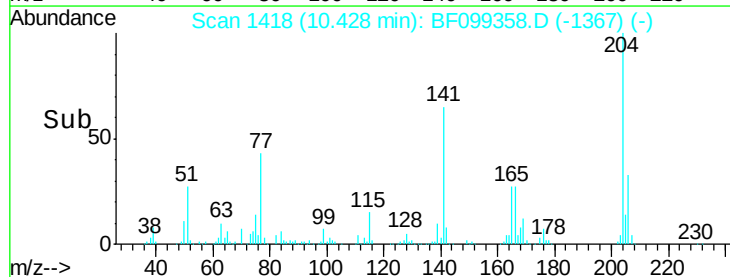
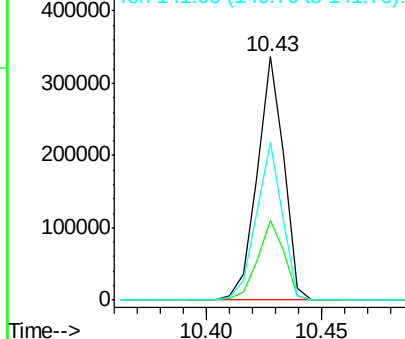


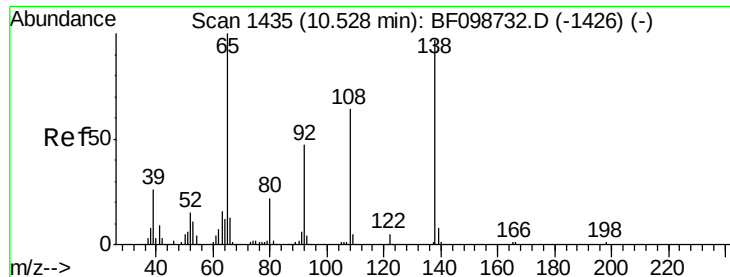
#60
4-Chlorophenyl-phenylether
Concen: 45.05 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:204 Resp: 270828
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 65.0 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.12 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

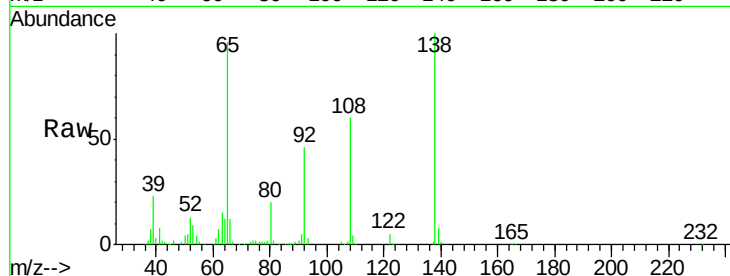
Tot Ion:138 Resp: 166651

Ion Ratio Lower Upper

138 100

92 45.6 30.2 70.2

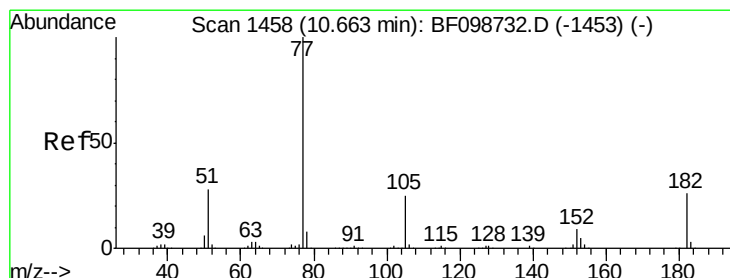
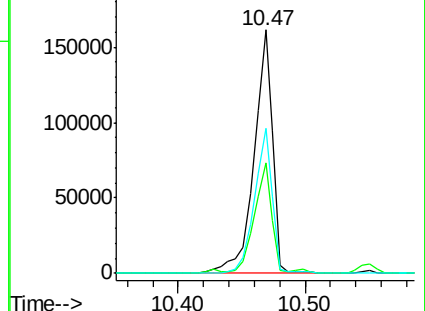
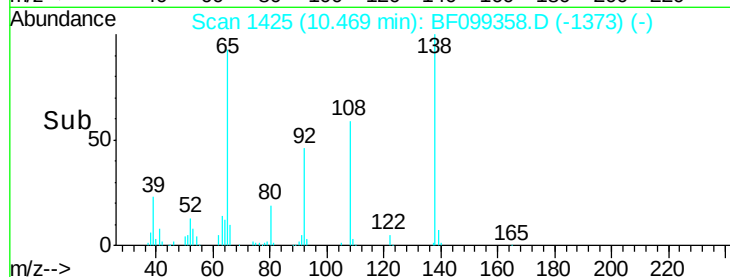
108 59.5 52.5 92.5



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: 42.91 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Tgt Ion: 77 Resp: 581437

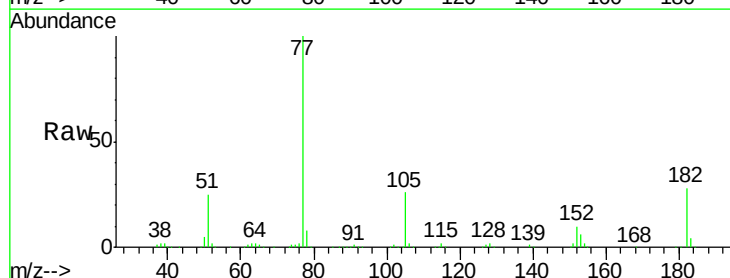
Ion Ratio Lower Upper

77 100

182 28.4 1.7 41.7

105 25.9 3.0 43.0

51 25.4 9.9 49.9

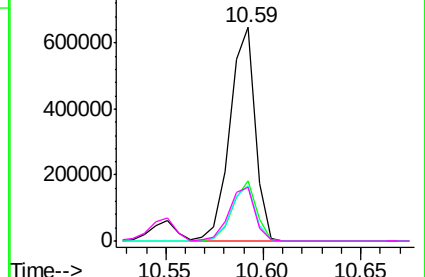
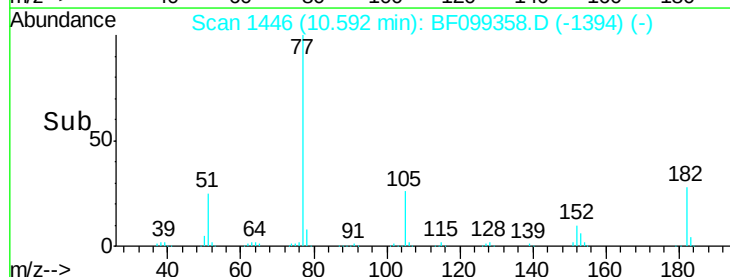


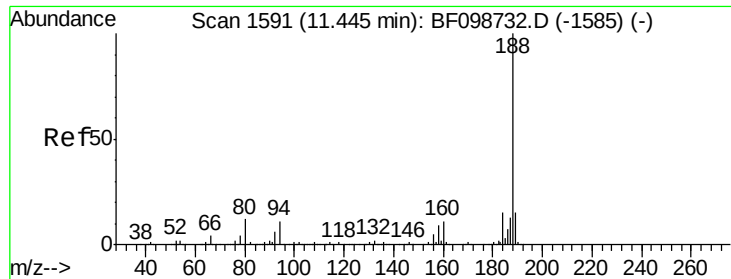
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

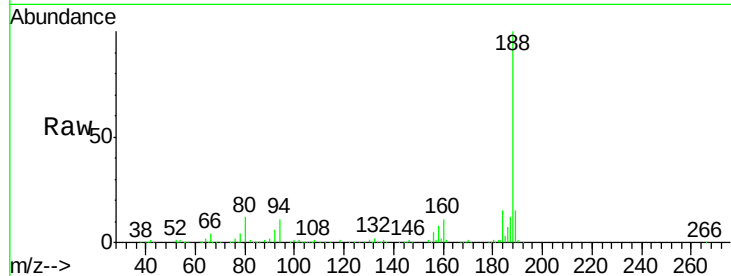




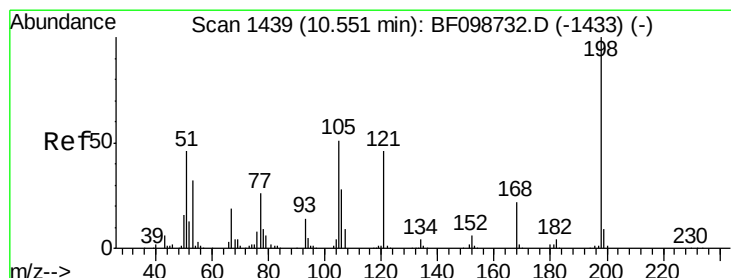
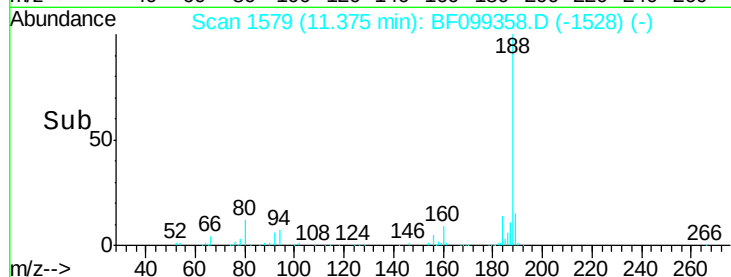
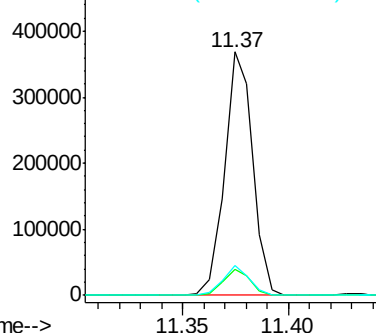
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 340142
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.5 9.2 13.8

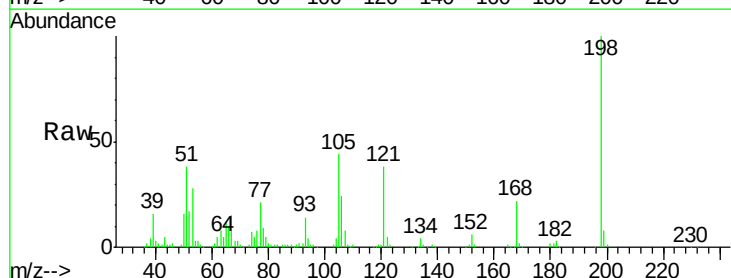


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

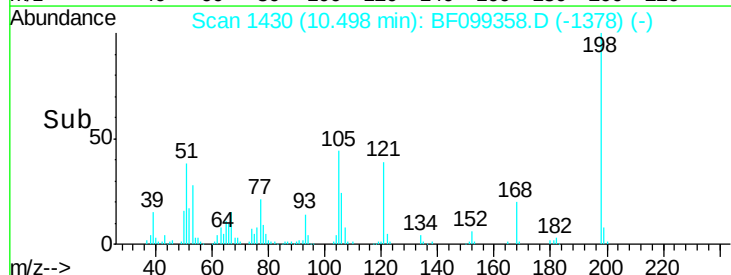
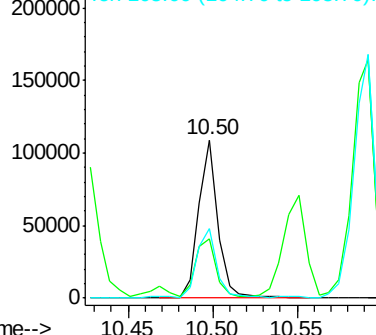


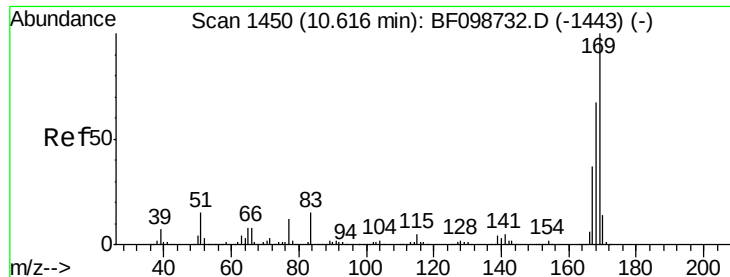
#64
4,6-Dinitro-2-methylphenol
Concen: 41.70 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:198 Resp: 86305
Ion Ratio Lower Upper
198 100
51 37.7 37.7 77.7#
105 43.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

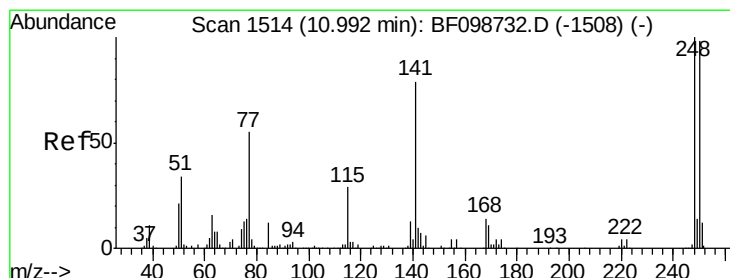
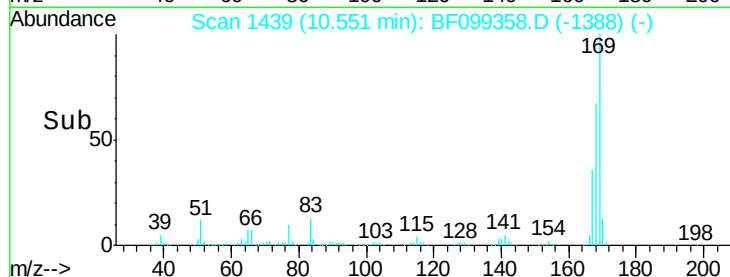
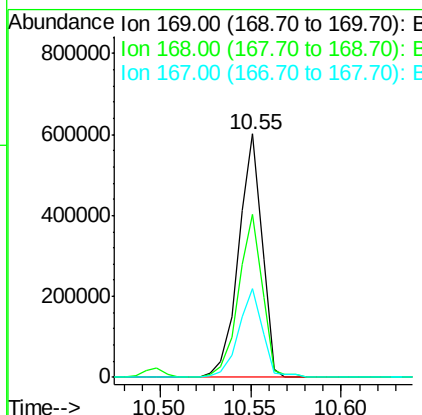
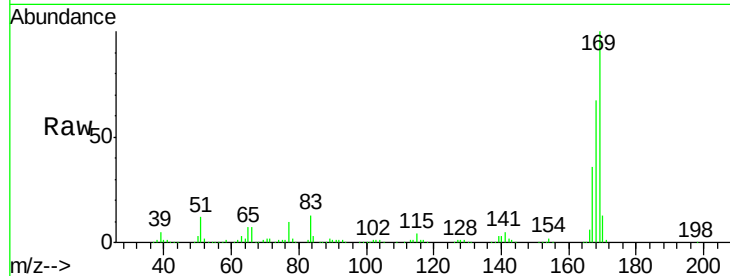




#65
 n-Nitrosodiphenylamine
 Concen: 45.99 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

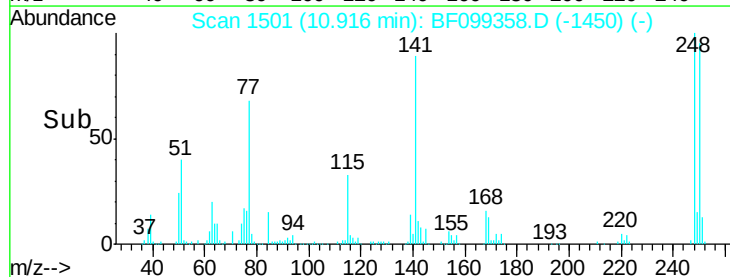
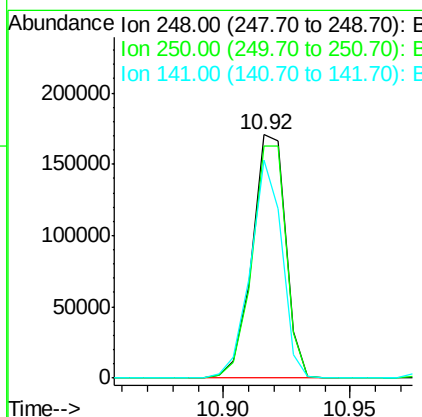
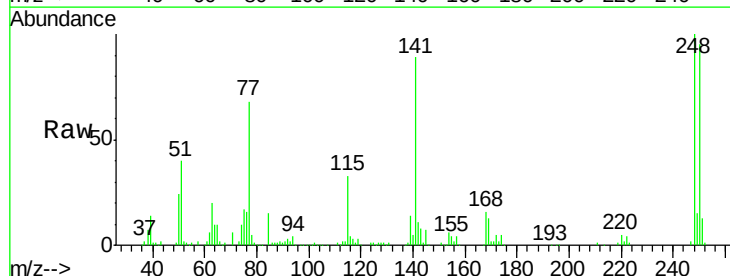
Instrument :
 BNA_F
 ClientSampleId :

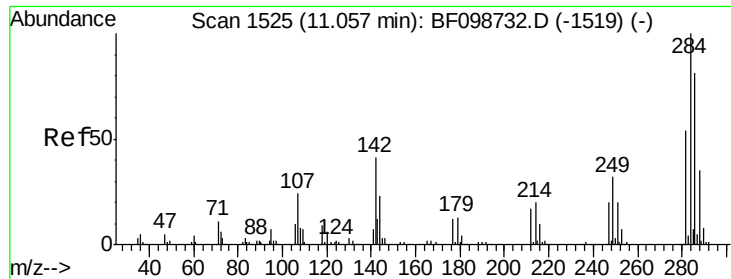
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.4	81.6
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.64 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.9	115.3
141	89.4	74.4	111.6

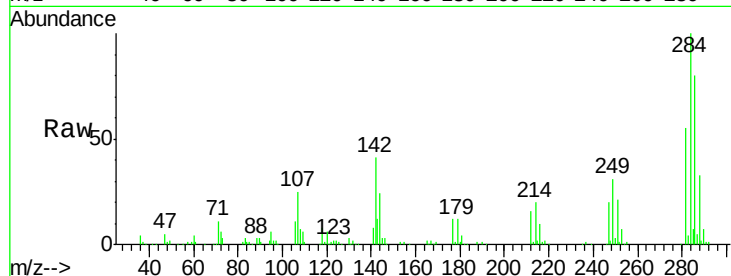




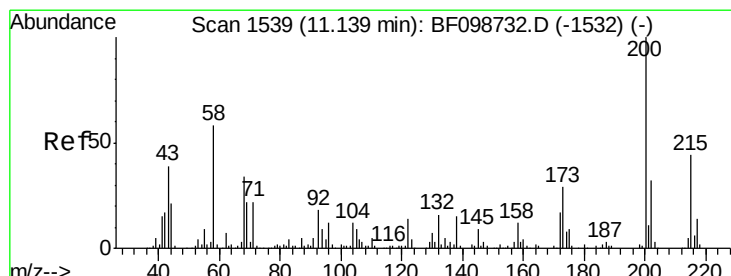
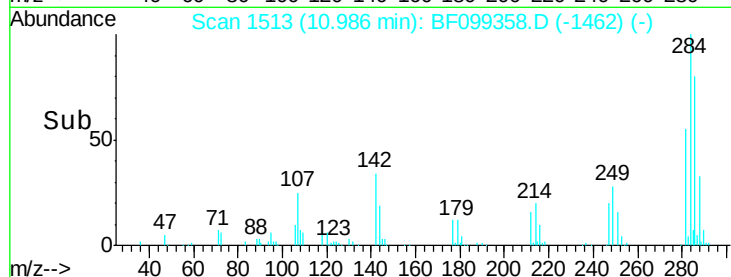
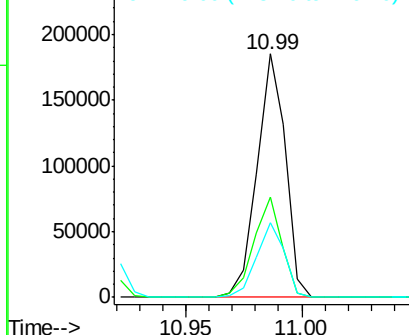
#67
Hexachlorobenzene
Concen: 44.75 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 159137
Ion Ratio Lower Upper
284 100
142 41.1 34.6 52.0
249 30.9 24.8 37.2

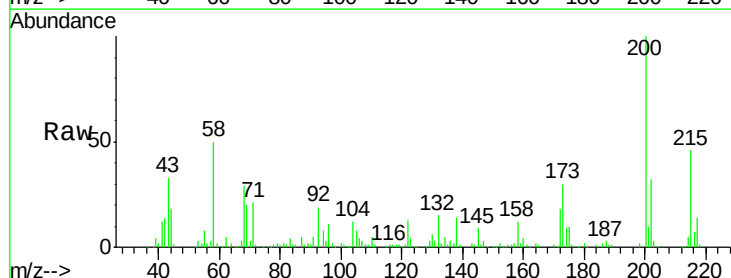


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

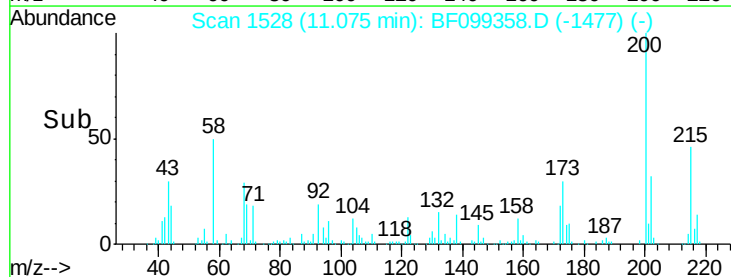
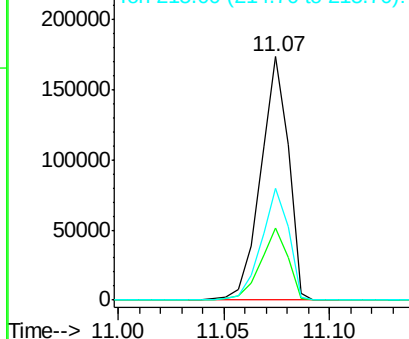


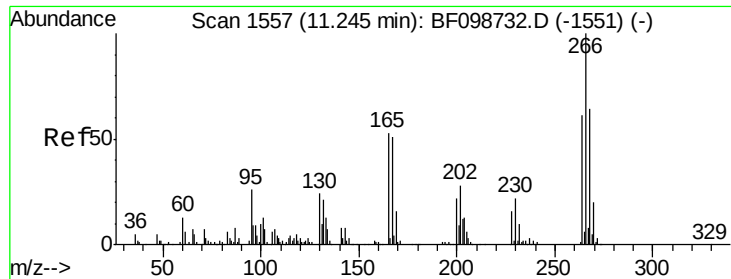
#68
Atrazine
Concen: 44.68 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:200 Resp: 158391
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 45.9 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: 65.04 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampled :

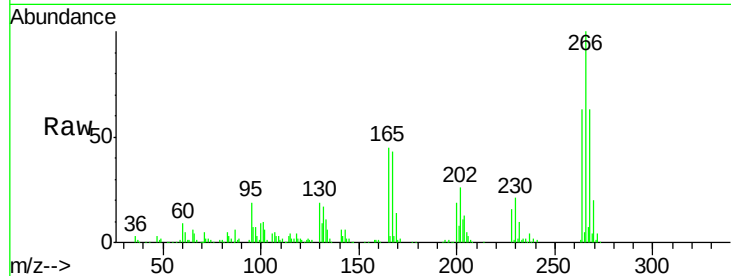
Tot Ion:266 Resp: 143945

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

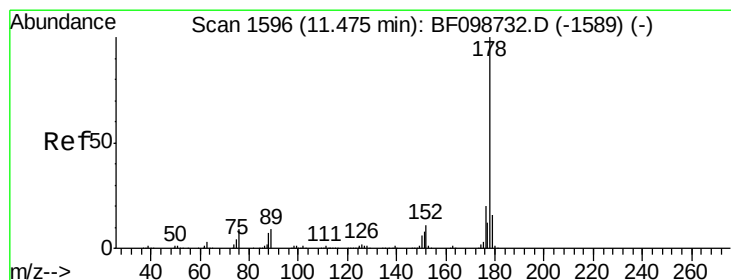
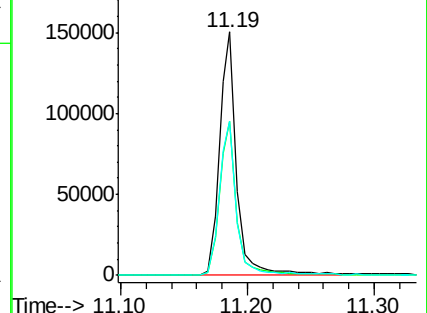
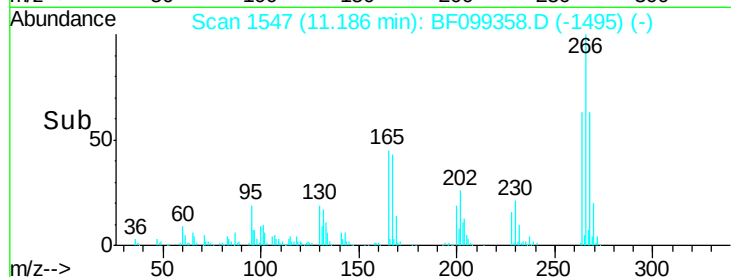
264 63.4 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 46.03 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

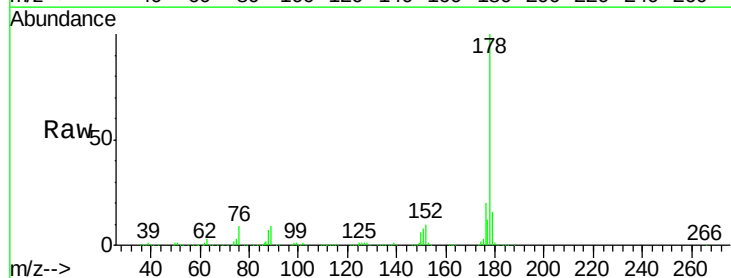
Tgt Ion:178 Resp: 838138

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

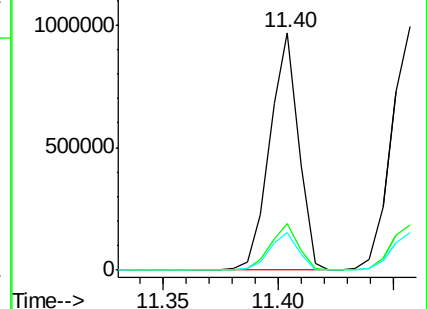
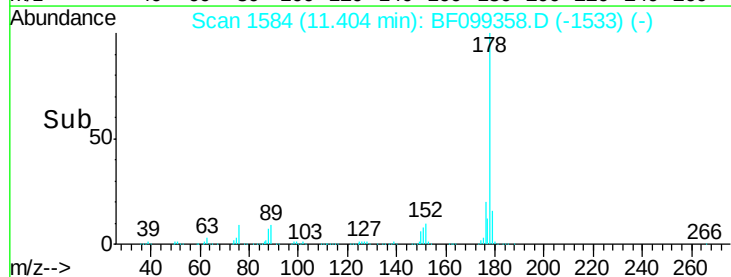
179 15.6 13.0 19.6

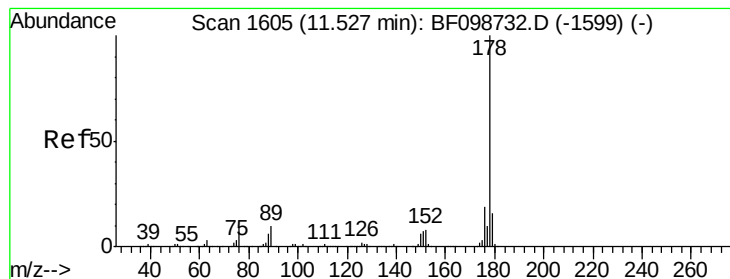


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.71 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

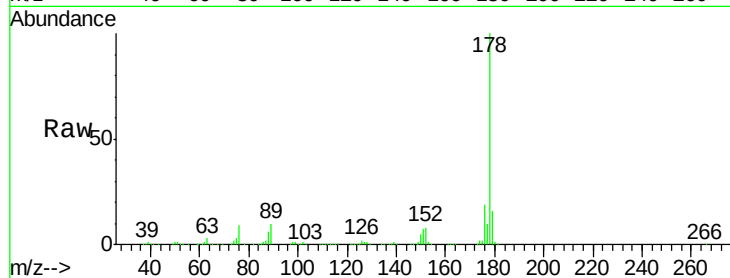
Tot Ion:178 Resp: 851465

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

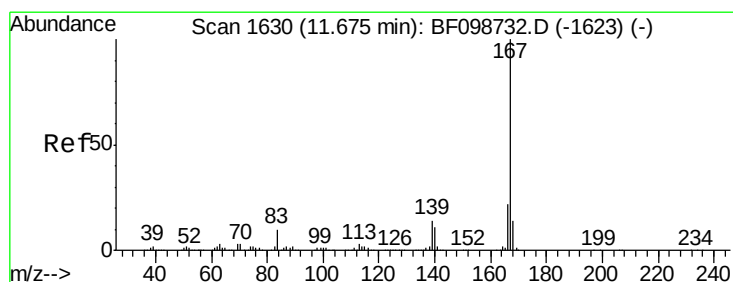
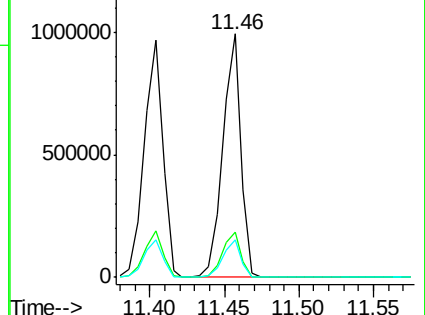
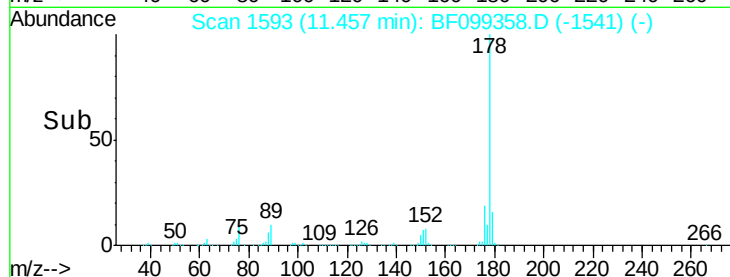
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.12 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

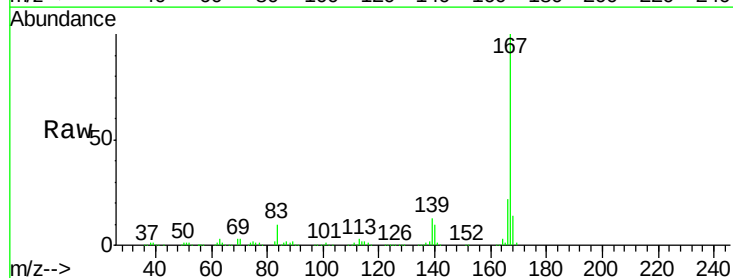
Tgt Ion:167 Resp: 786582

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

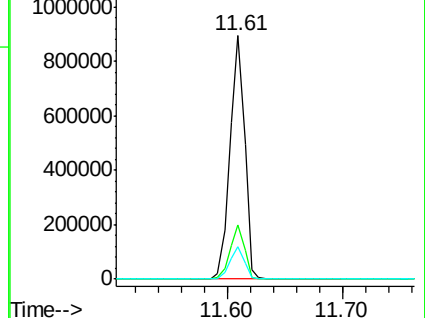
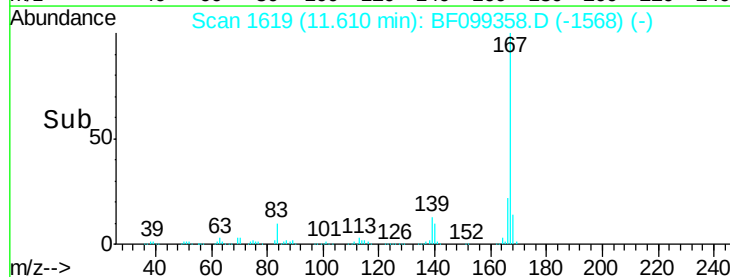
139 13.2 10.9 16.3

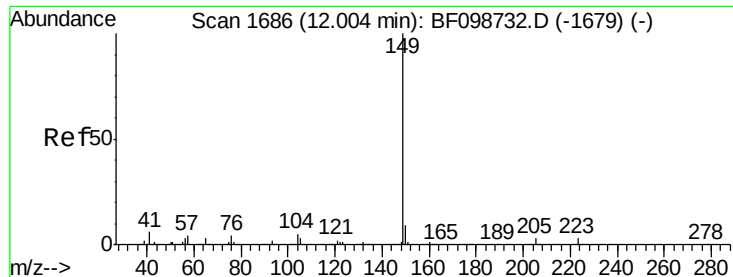


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.12 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampled :

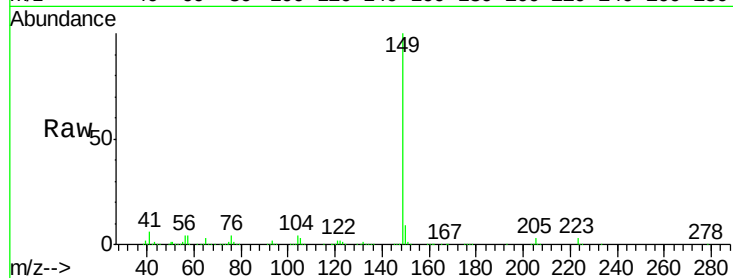
Tot Ion:149 Resp: 946940

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

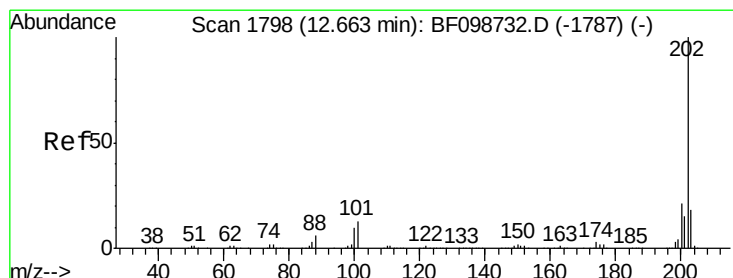
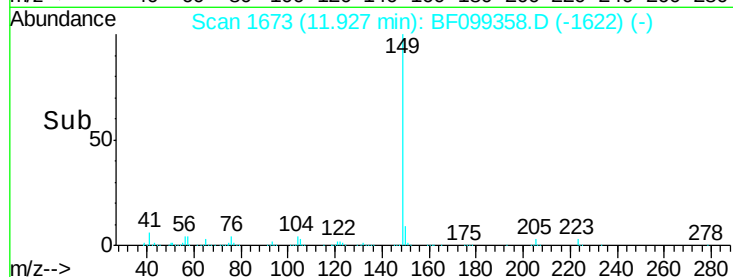
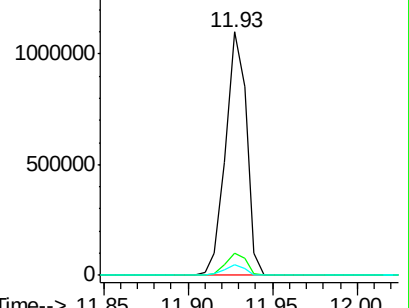
104 4.5 3.8 5.8



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: 42.49 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

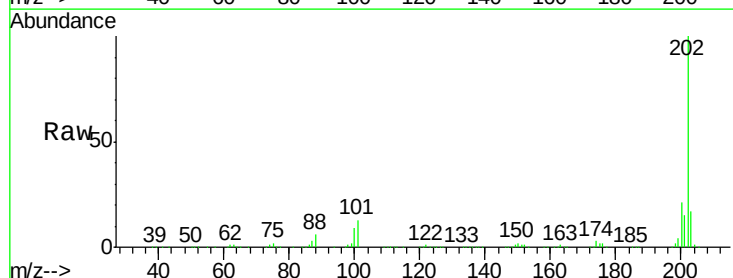
Tgt Ion:202 Resp: 783319

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

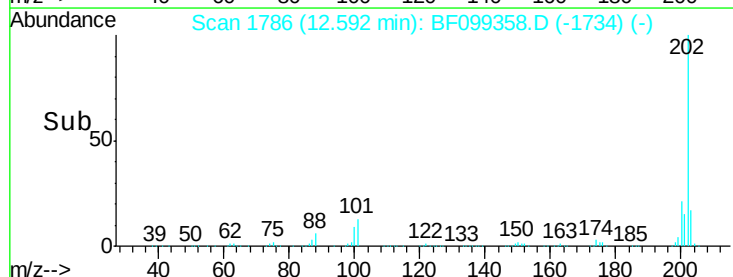
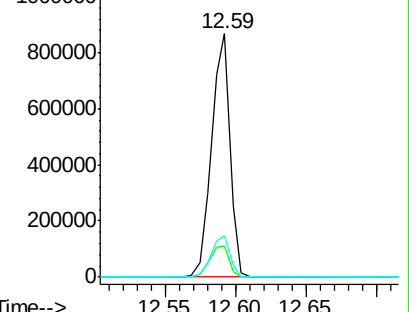
203 17.2 0.0 38.1

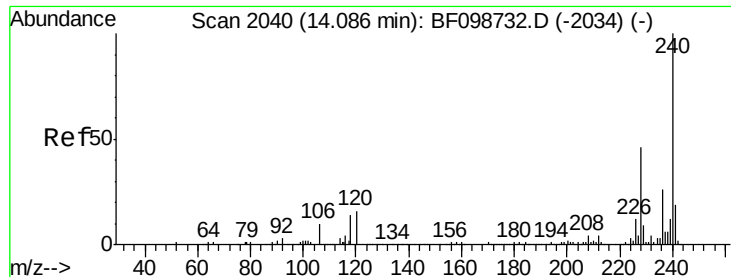


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

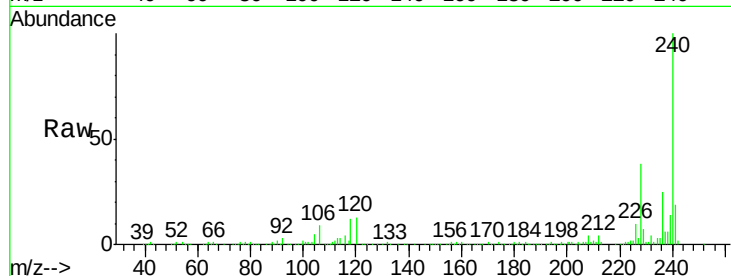




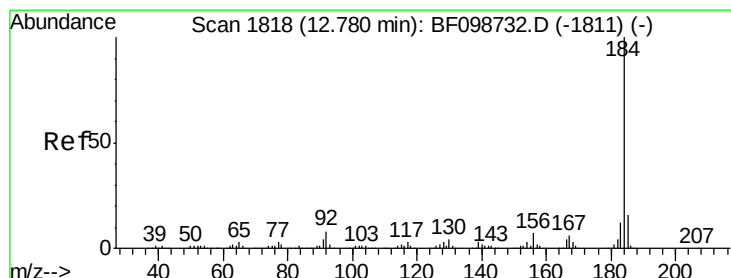
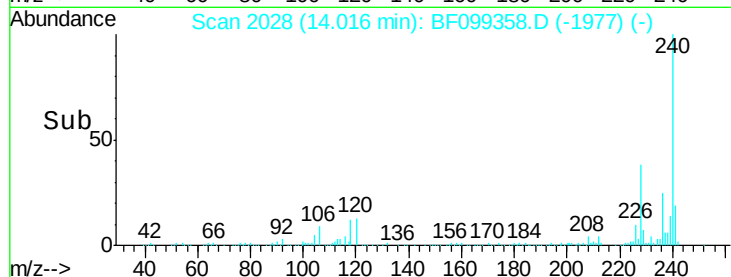
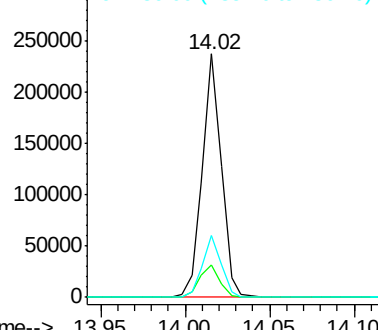
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 185414
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.3 20.7 31.1

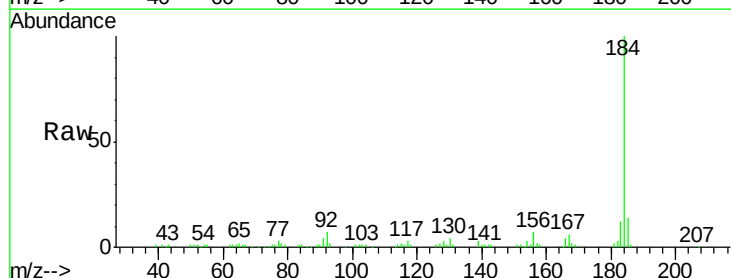


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

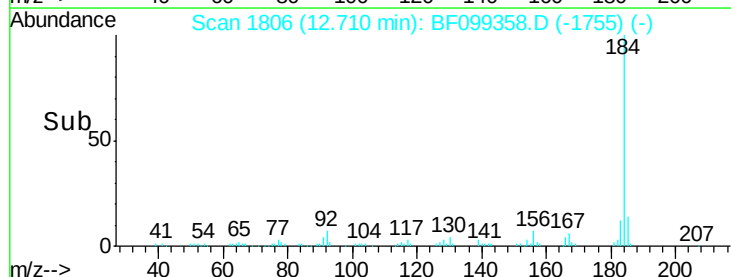
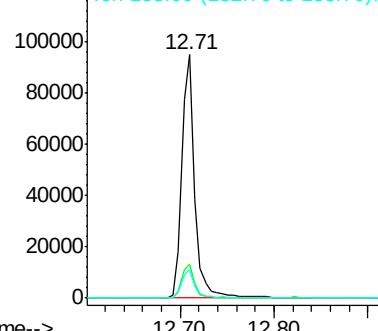


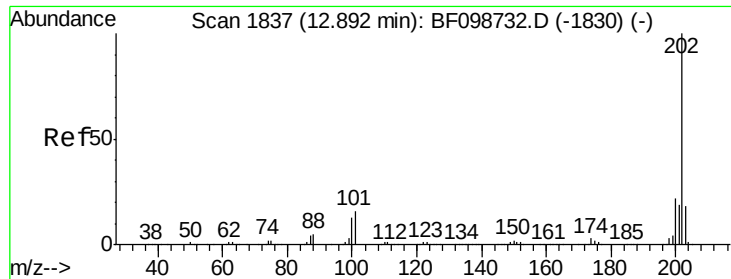
#76
 Benzidine
 Concen: 13.51 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion:184 Resp: 92655
 Ion Ratio Lower Upper
 184 100
 185 13.8 12.6 18.8
 183 11.9 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

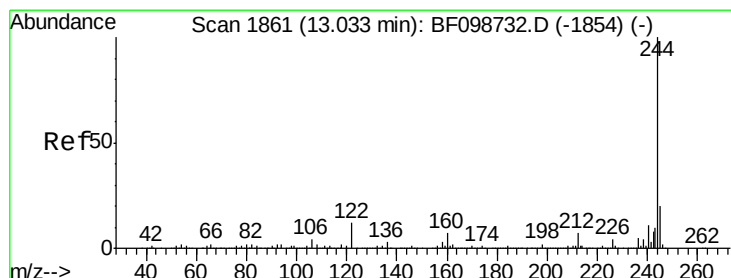
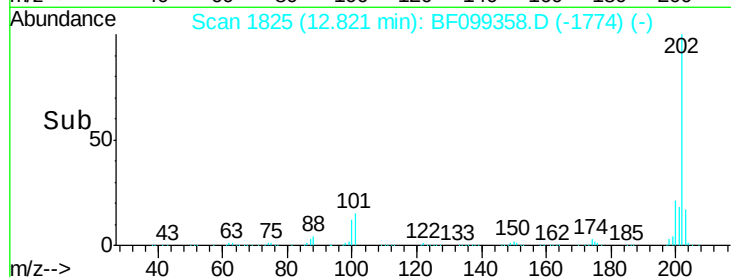
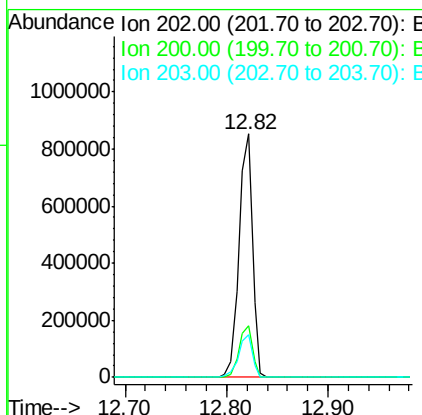
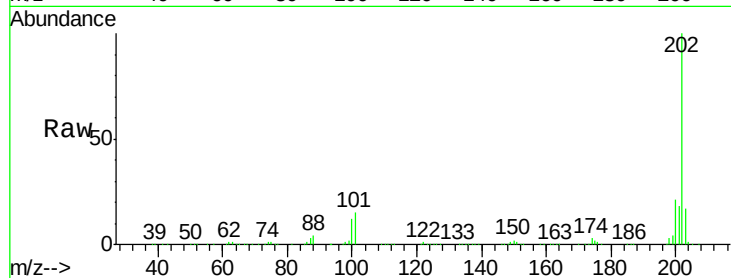




#77
Pvrene
Concen: 55.82 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

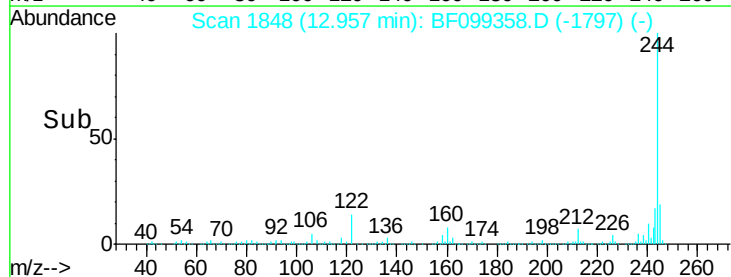
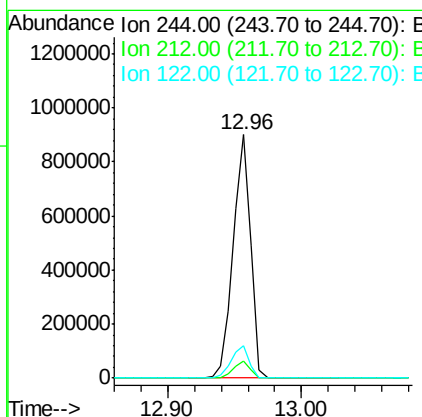
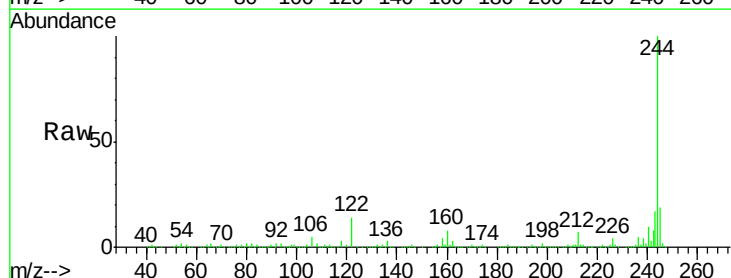
Instrument :
BNA_F
ClientSampleId :

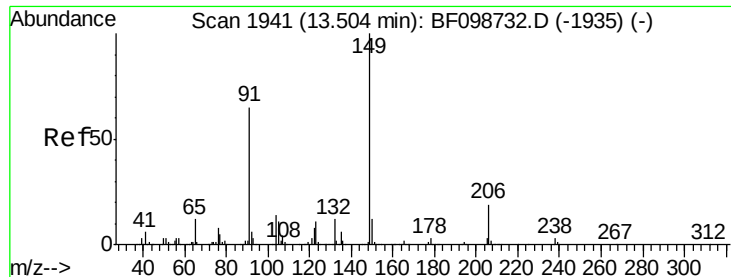
Tot Ion:202 Resp: 789230
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 101.85 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:244 Resp: 830369
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.5 11.0 16.4

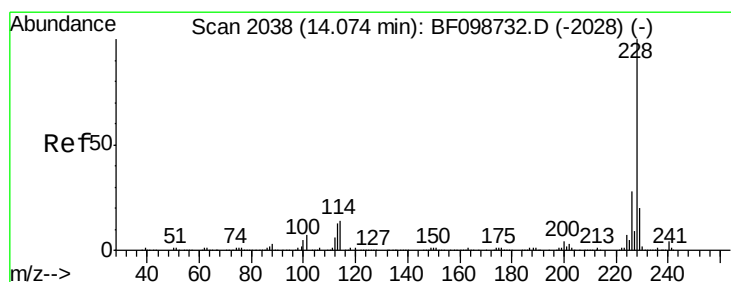
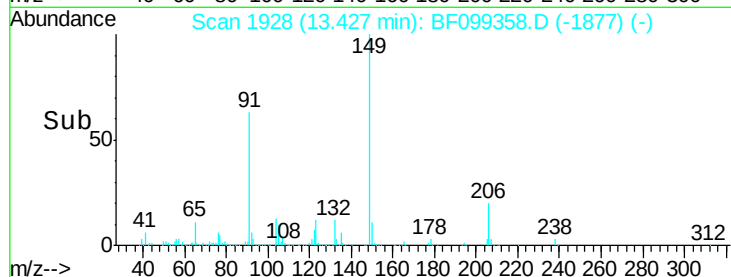
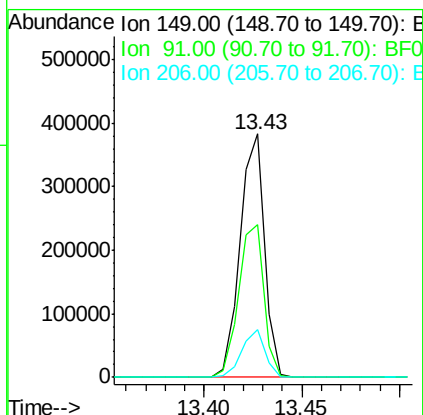
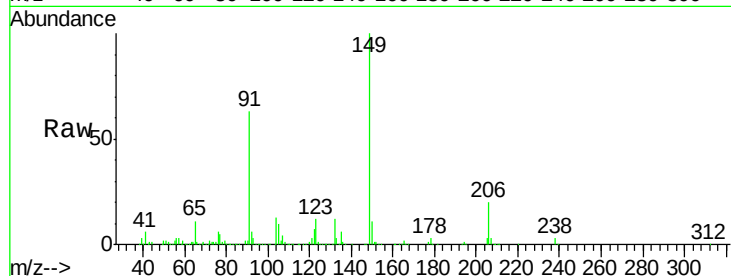




#79
Butylbenzylphthalate
Concen: 50.05 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

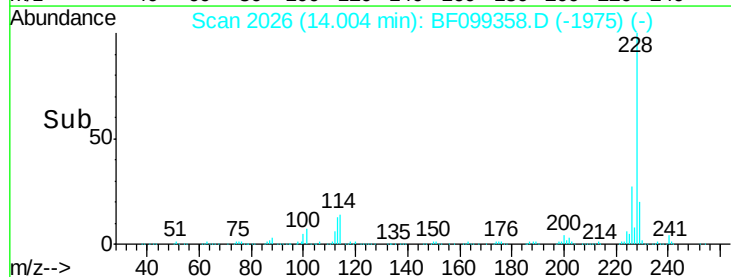
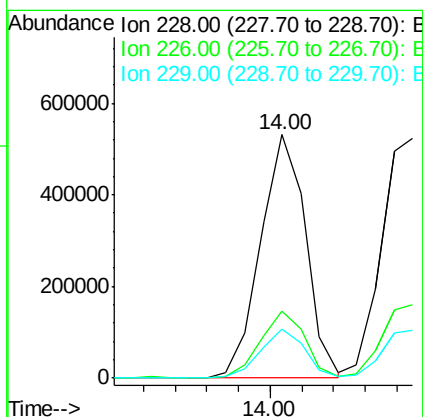
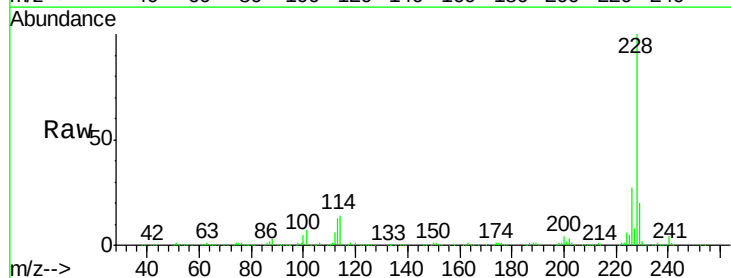
Instrument :
BNA_F
ClientSampleId :

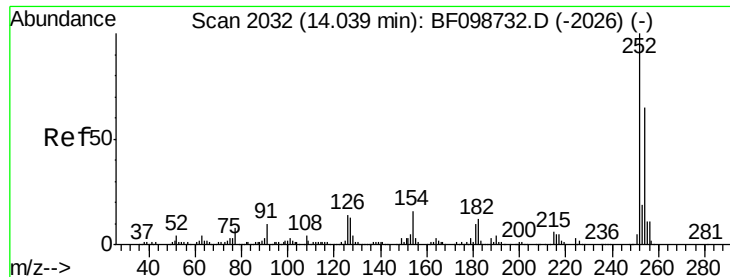
Tot Ion:149 Resp: 332584
Ion Ratio Lower Upper
149 100
91 62.5 56.8 85.2
206 19.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.77 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:228 Resp: 525156
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.9 15.8 23.6

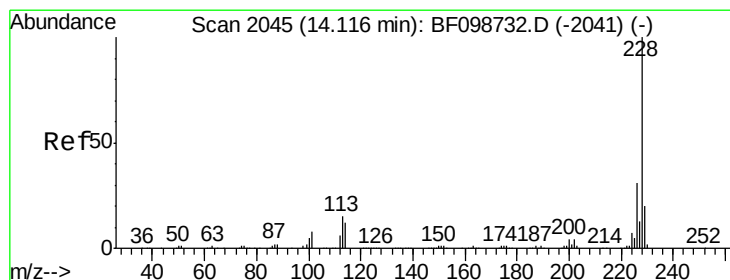
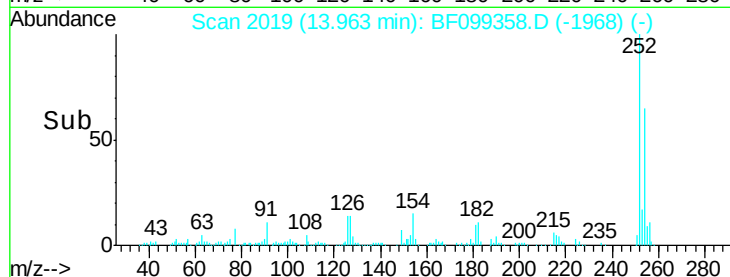
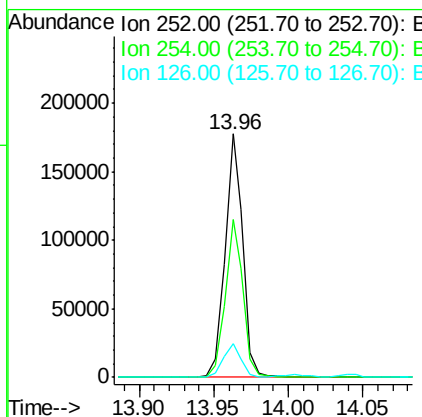
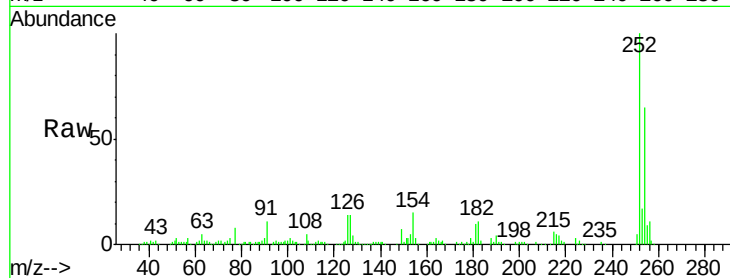




#81
 3,3'-Dichlorobenzidine
 Concen: 36.22 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

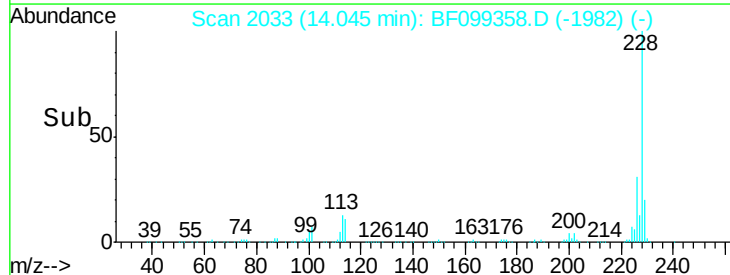
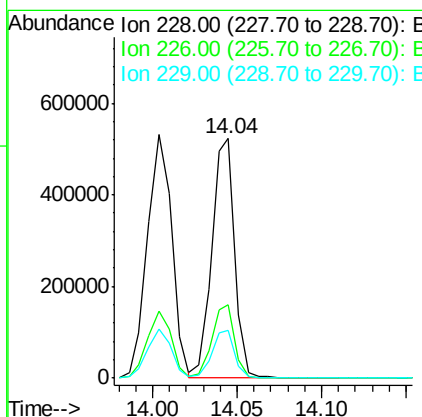
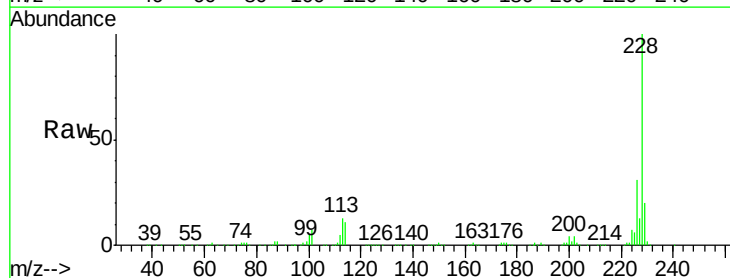
Instrument :
 BNA_F
 ClientSampleId :

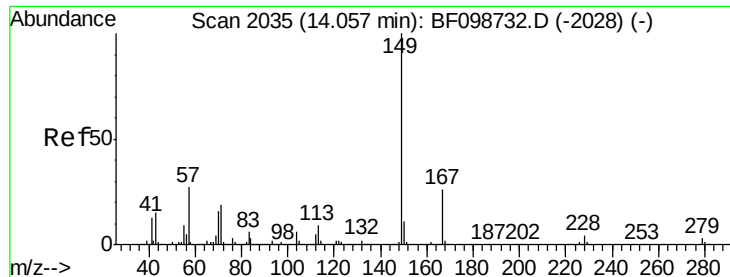
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	13.9	11.3	16.9



#82
 Chrysene
 Concen: 46.13 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.30 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampleId :

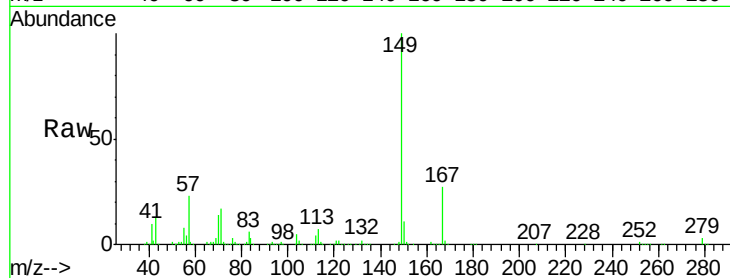
Tot Ion:149 Resp: 423629

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

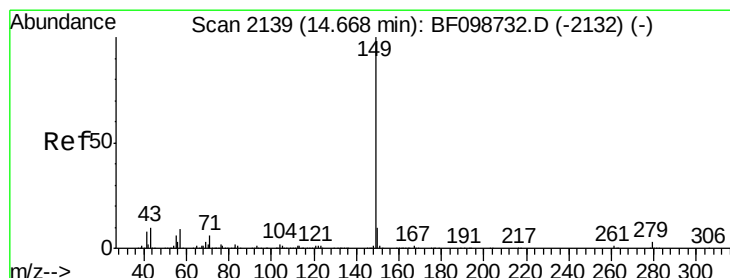
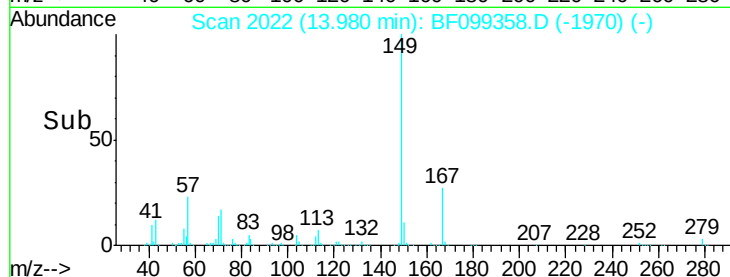
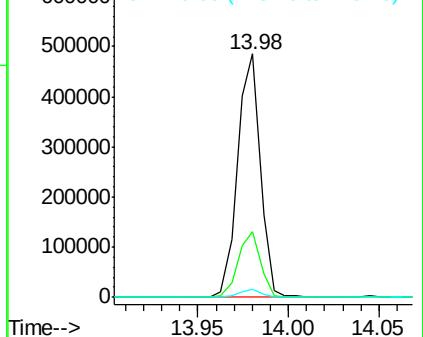
279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.78 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

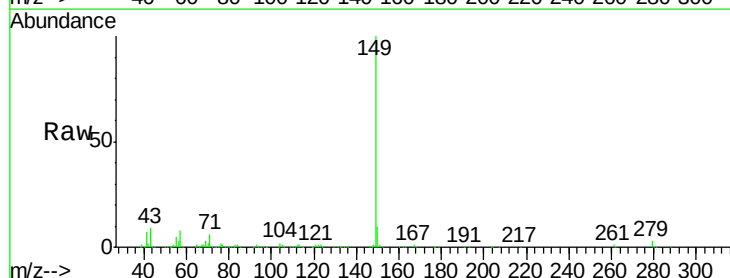
Tgt Ion:149 Resp: 600767

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

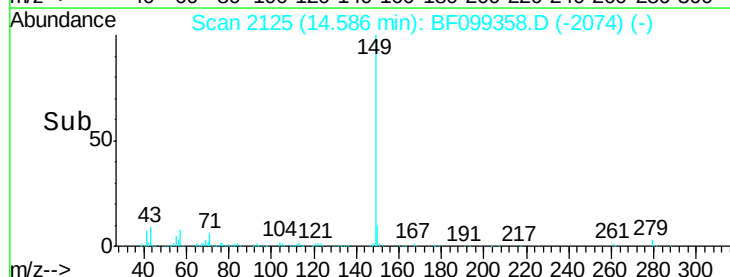
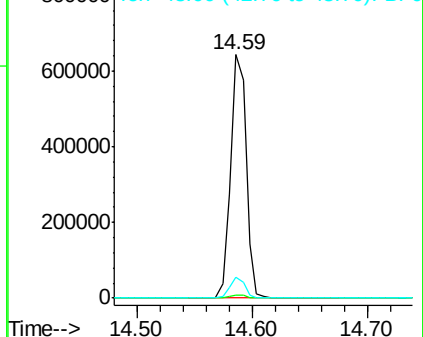
43 8.3 8.4 12.6#

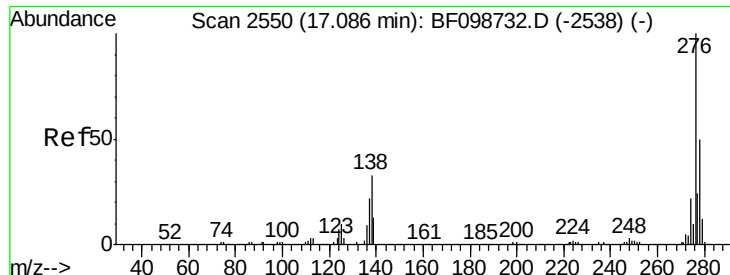


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

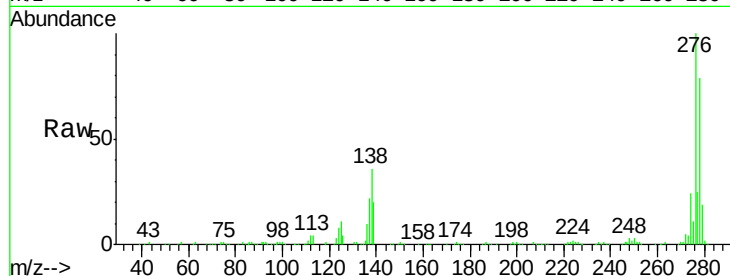




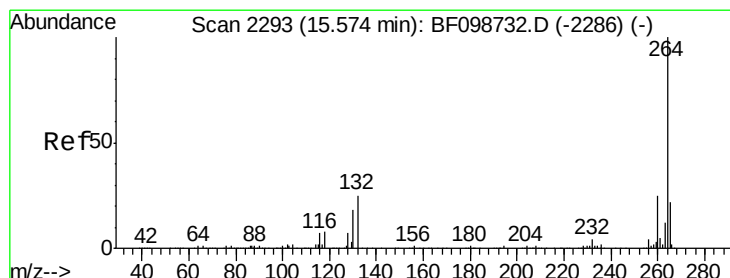
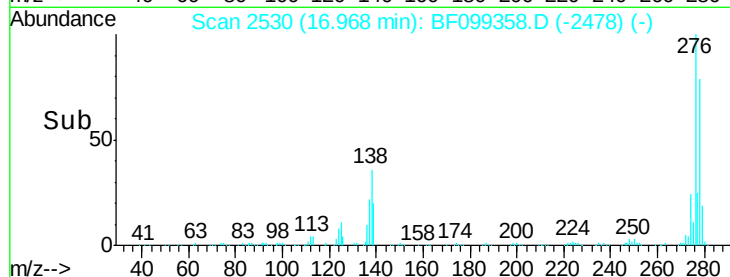
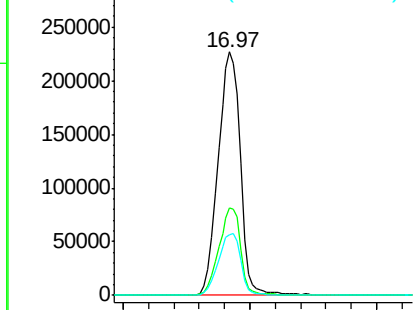
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.49 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	25.5	20.1	30.1

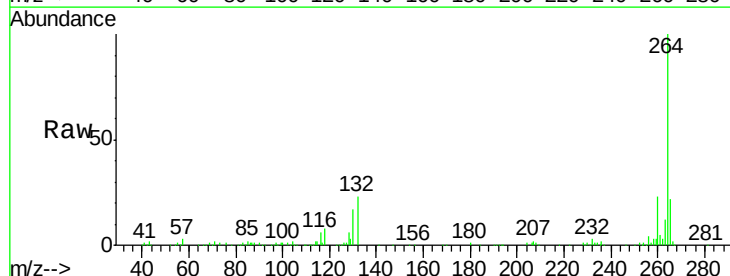


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

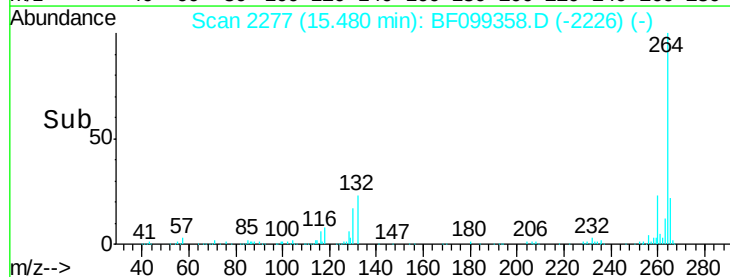
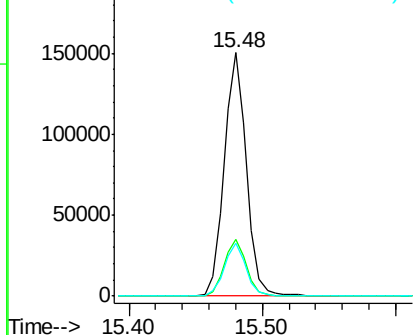


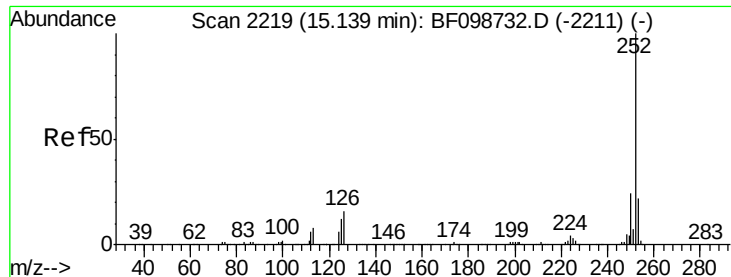
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	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

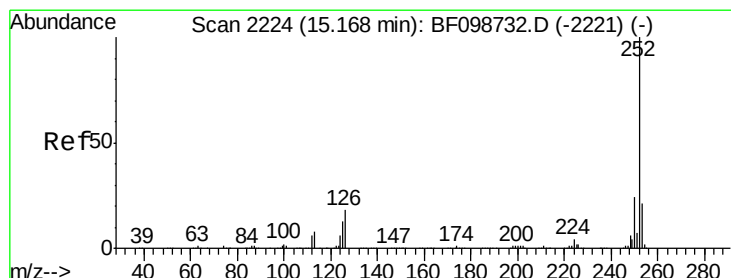
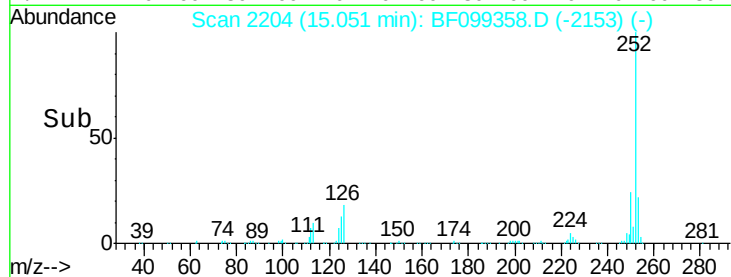
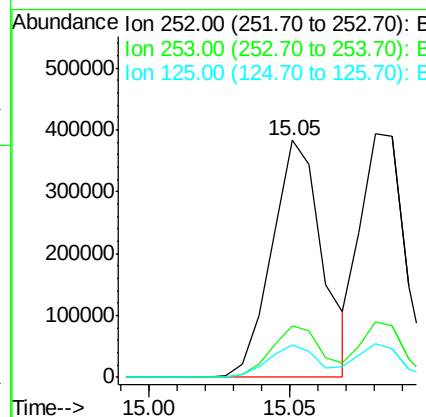
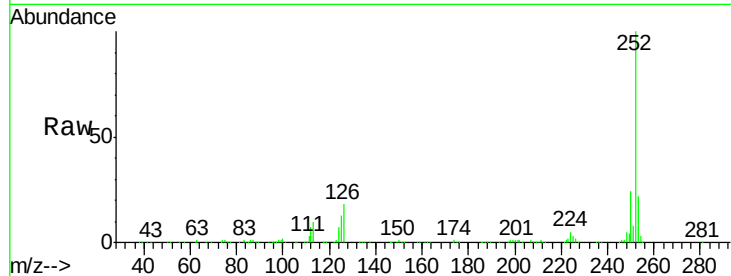




#87
Benzo(b)fluoranthene
Concen: 44.11 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

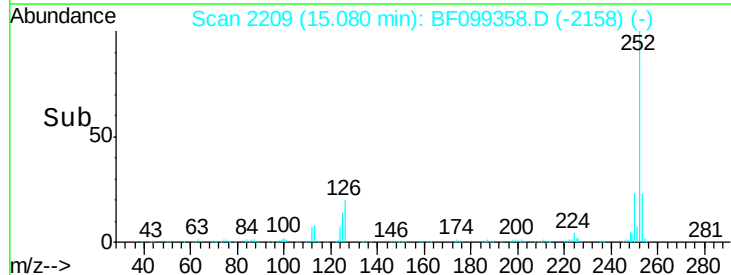
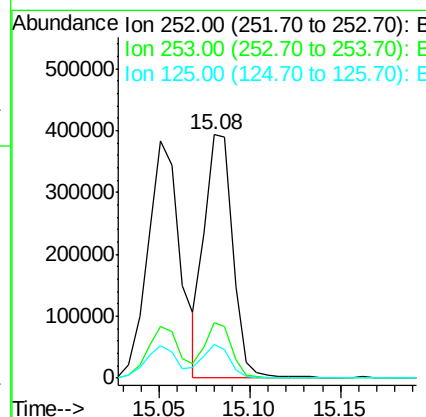
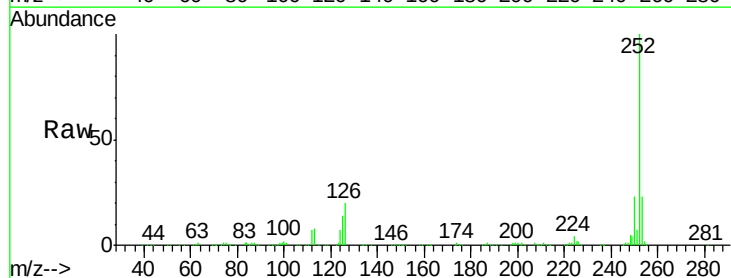
Instrument :
BNA_F
ClientSampled :

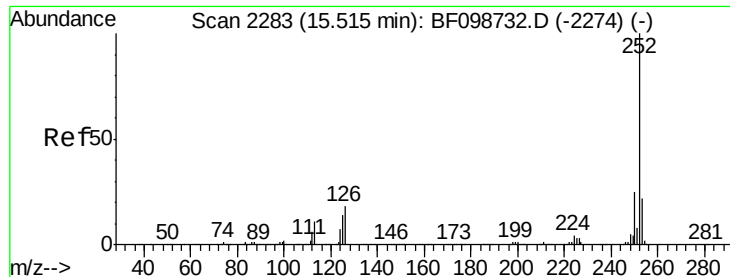
Tot Ion:252 Resp: 476189
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.95 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF099358.D
Acq: 11 Oct 2017 21:36

Tgt Ion:252 Resp: 426016
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 14.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 46.10 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

Instrument :

BNA_F

ClientSampled :

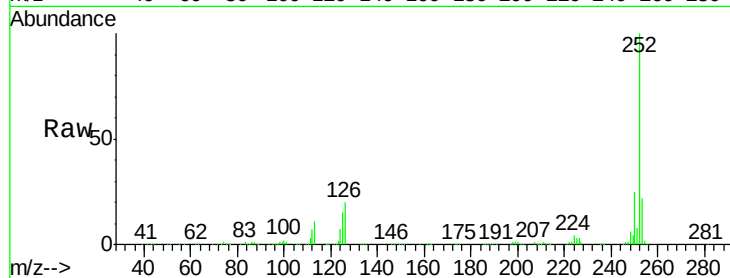
Tot Ion:252 Resp: 456832

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

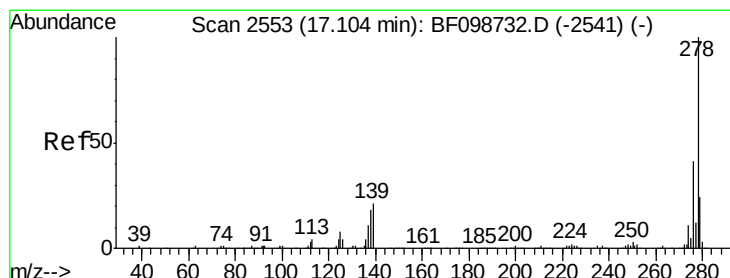
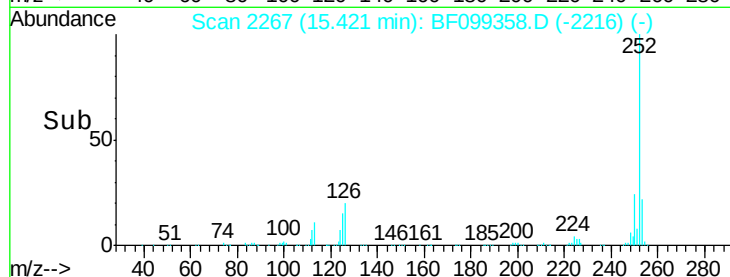
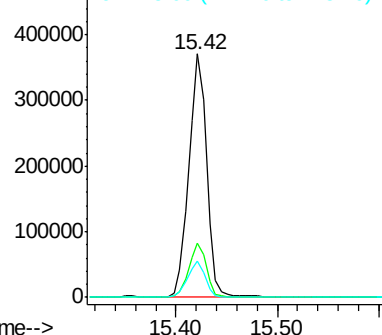
125 14.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 58.14 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF099358.D

Acq: 11 Oct 2017 21:36

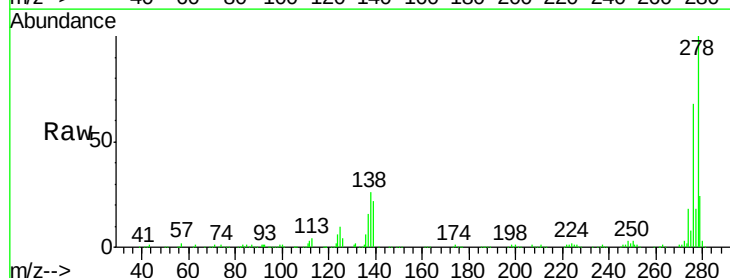
Tgt Ion:278 Resp: 461067

Ion Ratio Lower Upper

278 100

139 22.0 15.9 23.9

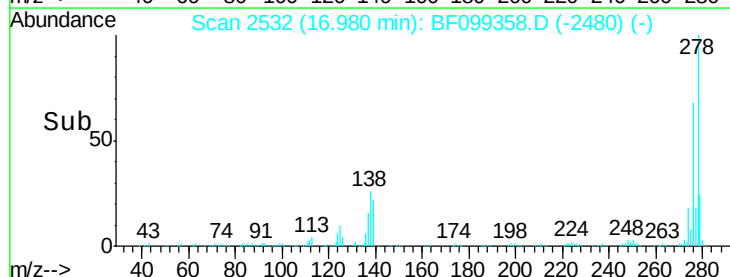
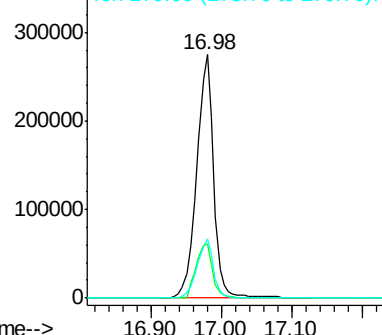
279 24.4 19.0 28.4

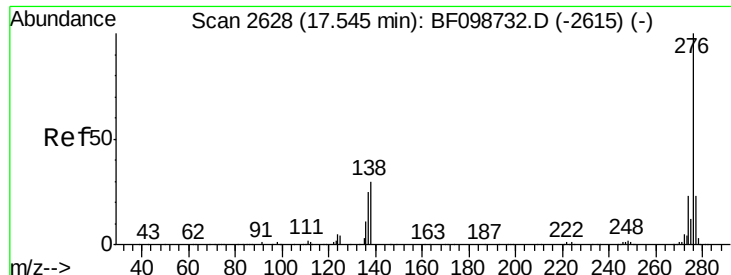


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

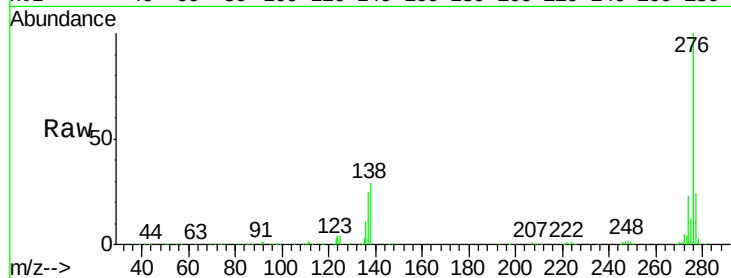




#91
 Benzo(a,h,i)perylene
 Concen: 62.41 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099358.D
 Acq: 11 Oct 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	29.4	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

