

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099511.D
 Acq On : 15 Oct 2017 14:00
 Operator : SJ/JU
 Sample : I5752-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:04:35 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	90131	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	365512	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	158045	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	247457	20.00	ng	0.00
75) Chrysene-d12	14.02	240	143815	20.00	ng	0.00
86) Perylene-d12	15.49	264	155321	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	726116	128.25	ng	0.00
7) Phenol-d6	6.49	99	879801	125.96	ng	0.00
23) Nitrobenzene-d5	7.42	82	527975	92.63	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	155696	120.39	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	945610	99.88	ng	0.00
78) Terphenyl-d14	12.95	244	606862	95.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	94371	34.89	ng	94
3) Pyridine	3.44	79	258361	35.31	ng	90
4) n-Nitrosodimethylamine	3.39	42	108254	34.89	ng	80
6) Aniline	6.51	93	284333	30.16	ng	97
8) 2-Chlorophenol	6.63	128	259735	40.51	ng	95
9) Benzaldehyde	6.40	77	86939	21.46	ng	96
10) Phenol	6.50	94	364192	46.62	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	248194	40.87	ng	98
12) 1,3-Dichlorobenzene	6.79	146	280870	41.83	ng	97
13) 1,4-Dichlorobenzene	6.86	146	284098	41.58	ng	98
14) 1,2-Dichlorobenzene	7.02	146	263233	41.70	ng	98
15) Benzyl Alcohol	6.99	79	197245	38.50	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	345909	36.56	ng	88
17) 2-Methylphenol	7.10	107	211232	40.26	ng	97
18) Hexachloroethane	7.35	117	96427	39.27	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	160157	35.92	ng	95
20) 3+4-Methylphenols	7.26	107	257376	38.78	ng	# 71
22) Acetophenone	7.26	105	340758	38.48	ng	# 97
24) Nitrobenzene	7.43	77	256514	39.67	ng	91
25) Isophorone	7.67	82	475115	40.32	ng	98
26) 2-Nitrophenol	7.75	139	140626	45.23	ng	91
27) 2,4-Dimethylphenol	7.78	122	225725	38.44	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	309243	42.11	ng	99
29) 2,4-Dichlorophenol	7.99	162	213129	42.28	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	220699	43.77	ng	98
31) Naphthalene	8.15	128	731732	42.63	ng	100
32) Benzoic acid	7.78	122	225725	46.80	ng	# 13
33) 4-Chloroaniline	8.20	127	203579	28.40	ng	# 94
34) Hexachlorobutadiene	8.26	225	108098	41.63	ng	99
35) Caprolactam	8.57	113	65371	40.43	ng	87
36) 4-Chloro-3-methylphenol	8.69	107	215884	38.10	ng	98
37) 2-Methylnaphthalene	8.84	142	496763	44.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	200349	42.51	ng	99
40) Hexachlorocyclopentadiene	8.99	237	59869	27.79	ng	99

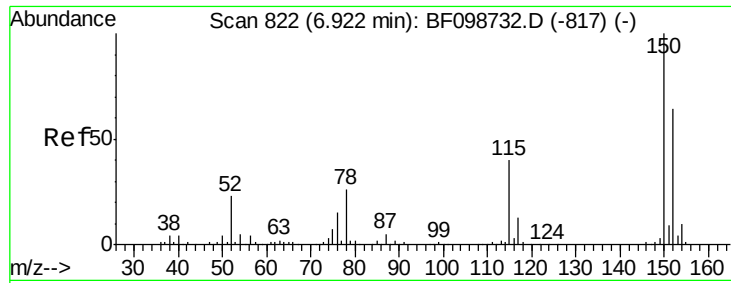
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099511.D
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 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	129628	38.82	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	136710	41.01	ng	94
45) 1,1'-Biphenyl	9.30	154	571293	42.06	ng	98
46) 2-Chloronaphthalene	9.33	162	448297	43.96	ng	95
47) 2-Nitroaniline	9.43	65	128588	41.18	ng	91
48) Acenaphthylene	9.75	152	663188	42.48	ng	100
49) Dimethylphthalate	9.60	163	748034	62.71	ng	100
50) 2,6-Dinitrotoluene	9.67	165	114513	44.10	ng	# 83
51) Acenaphthene	9.92	154	391739	39.61	ng	99
52) 3-Nitroaniline	9.85	138	111251	36.74	ng	92
53) 2,4-Dinitrophenol	9.97	184	1498	6.86	ng	# 91
54) Dibenzofuran	10.09	168	578402	43.93	ng	98
55) 4-Nitrophenol	10.01	139	113507	44.33	ng	90
56) 2,4-Dinitrotoluene	10.08	165	140166	41.59	ng	92
57) Fluorene	10.43	166	449524	42.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	84205	36.57	ng	96
59) Diethylphthalate	10.30	149	489488	42.00	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	208881	43.94	ng	93
61) 4-Nitroaniline	10.46	138	112536	38.52	ng	91
62) Azobenzene	10.58	77	622156	58.05	ng	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	9515	6.32	ng	85
65) n-Nitrosodiphenylamine	10.54	169	405278	47.28	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	114004	47.07	ng	96
67) Hexachlorobenzene	10.98	284	110913	42.87	ng	97
68) Atrazine	11.07	200	118694	46.02	ng	99
69) Pentachlorophenol	11.18	266	54906	34.10	ng	99
70) Phenanthrene	11.40	178	590322	44.57	ng	98
71) Anthracene	11.45	178	594116	43.84	ng	98
72) Carbazole	11.60	167	520738	39.24	ng	99
73) Di-n-butylphthalate	11.92	149	709521	44.41	ng	99
74) Fluoranthene	12.59	202	510908	38.09	ng	98
76) Benzidine	12.71	184	194017	36.47	ng	97
77) Pyrene	12.82	202	509287	46.44	ng	98
79) Butylbenzylphthalate	13.42	149	234855	45.57	ng	93
80) Benzo(a)anthracene	14.00	228	392724	45.10	ng	98
81) 3,3'-Dichlorobenzidine	13.96	252	123506	38.69	ng	98
82) Chrysene	14.04	228	376109	45.36	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	314322	44.29	ng	# 99
84) Di-n-octyl phthalate	14.59	149	510532	44.68	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	394973	59.55	ng	96
87) Benzo(b)fluoranthene	15.06	252	395114	41.37	ng	98
88) Benzo(k)fluoranthene	15.09	252	379952	40.28	ng	99
89) Benzo(a)pyrene	15.43	252	381176	43.48	ng	97
90) Dibenzo(a,h)anthracene	16.98	278	330768	47.15	ng	96
91) Benzo(g,h,i)perylene	17.42	276	321464	46.36	ng	94

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

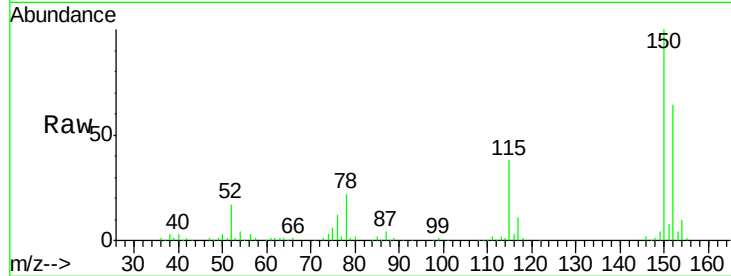


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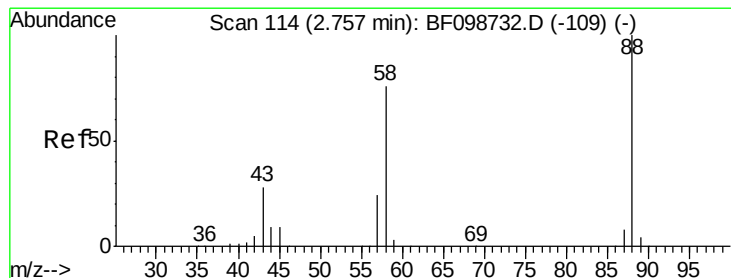
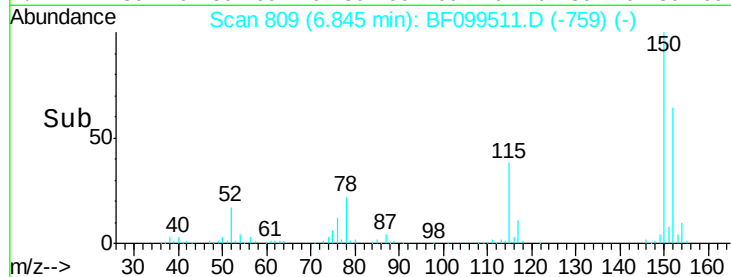
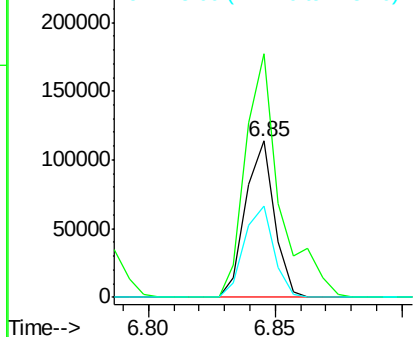
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90131
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 58.7 50.1 75.1



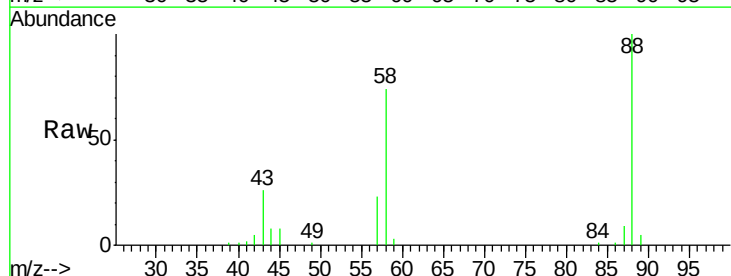
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



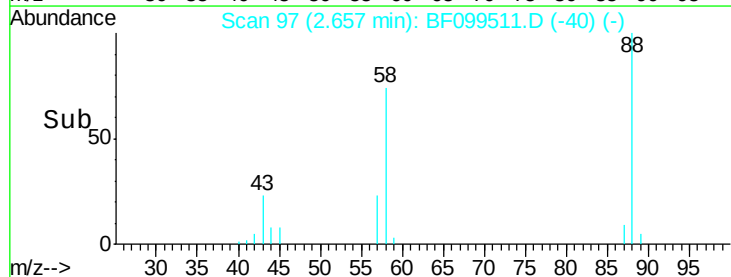
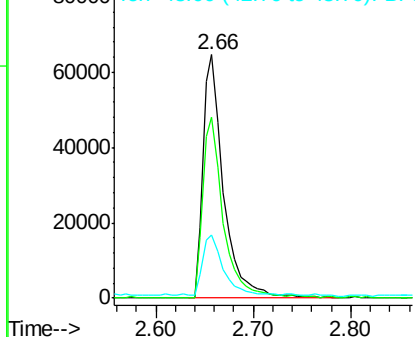
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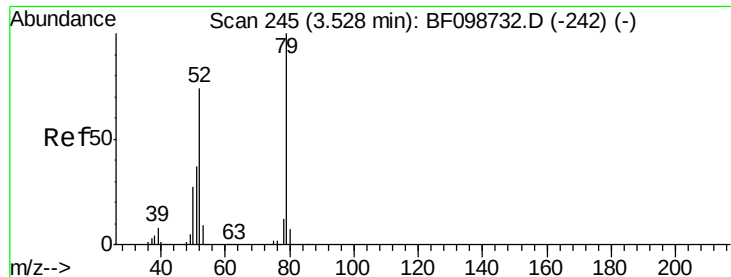
1,4-Dioxane
Concen: 34.89 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.04 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion: 88 Resp: 94371
Ion Ratio Lower Upper
88 100
58 74.9 62.6 93.8
43 25.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.31 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.04 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampled :

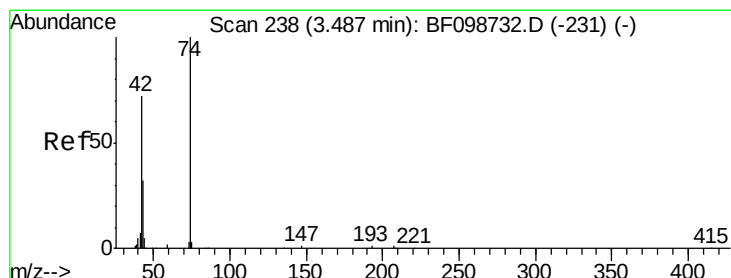
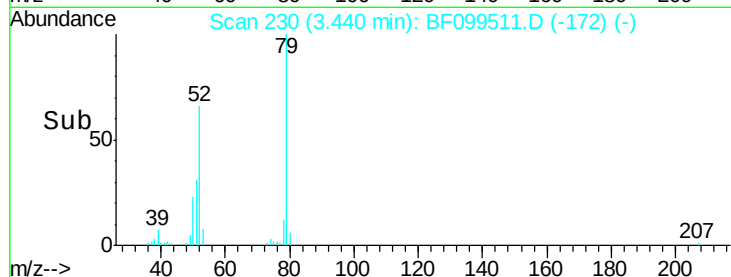
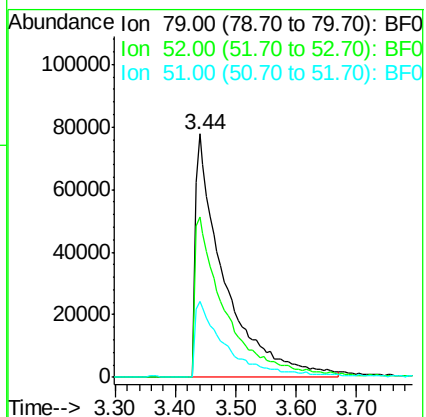
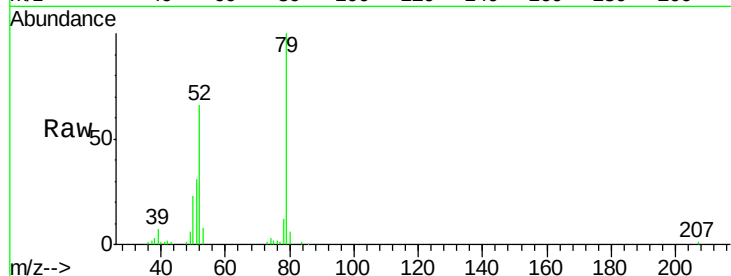
Tot Ion: 79 Resp: 258361

Ion Ratio Lower Upper

79 100

52 66.1 59.8 89.6

51 31.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.89 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.03 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

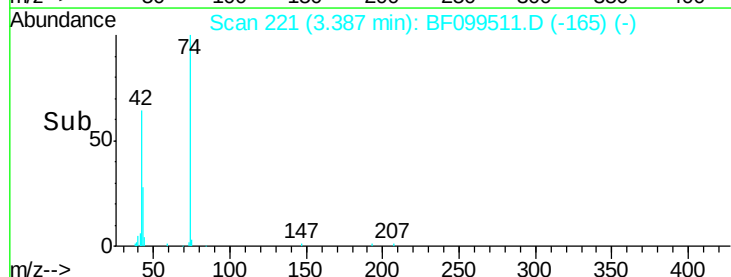
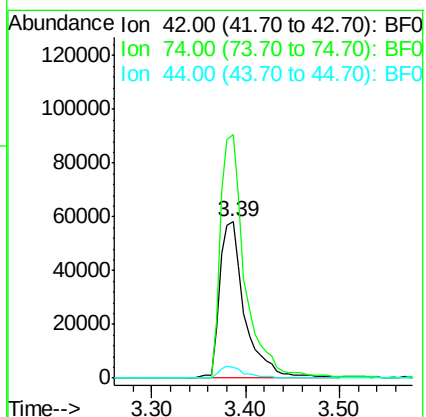
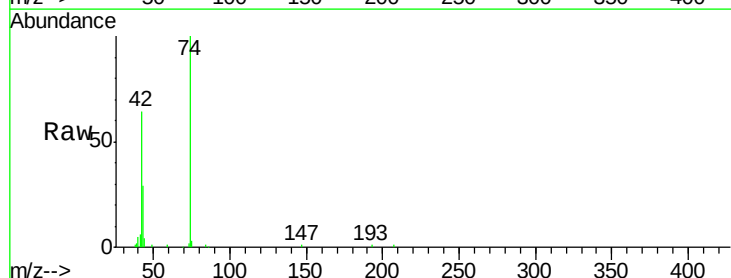
Tgt Ion: 42 Resp: 108254

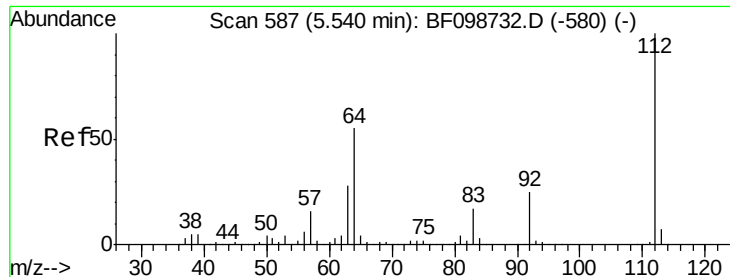
Ion Ratio Lower Upper

42 100

74 155.5 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 128.25 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF099511.D

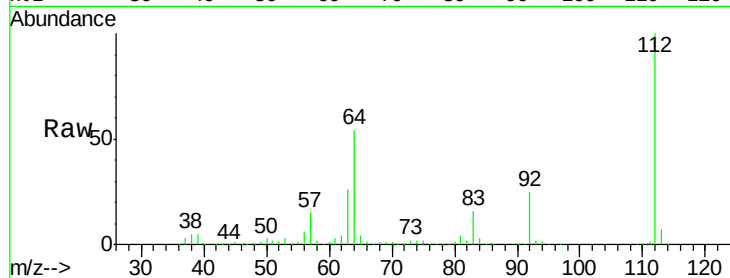
Acq: 15 Oct 2017 14:00

Instrument :

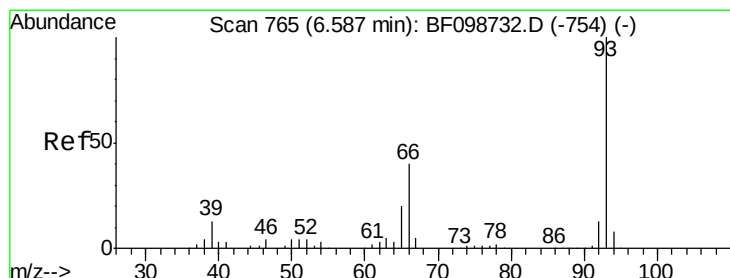
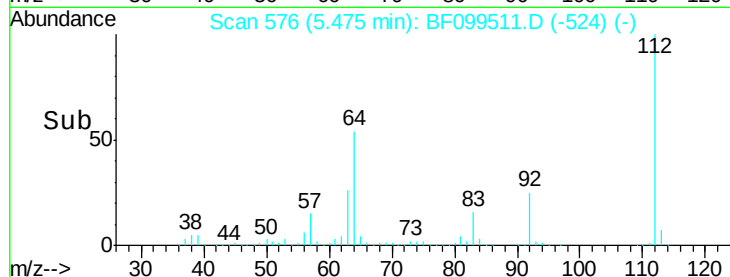
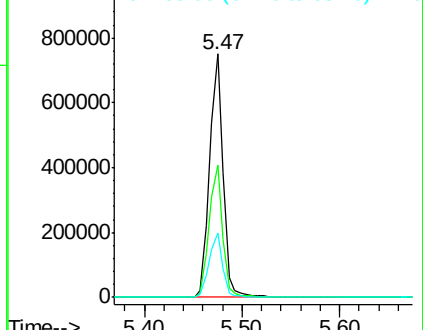
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	726116
Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	26.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 30.16 ng

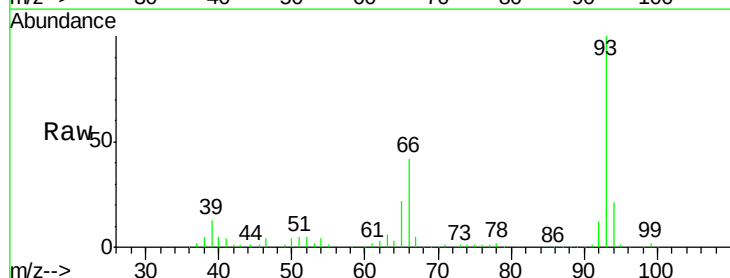
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

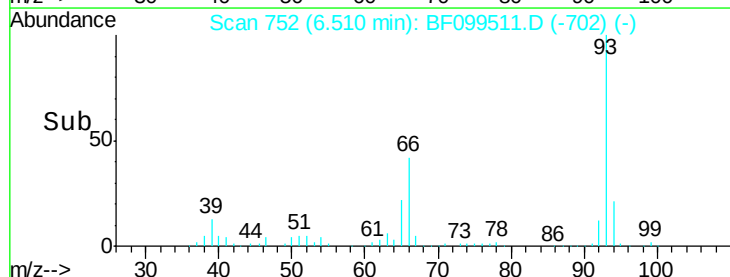
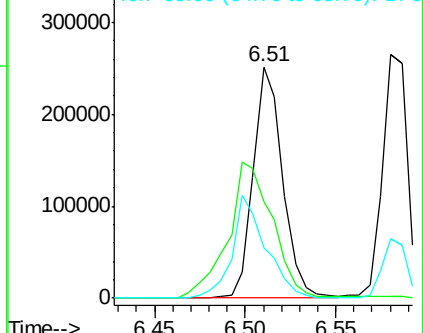
Lab File: BF099511.D

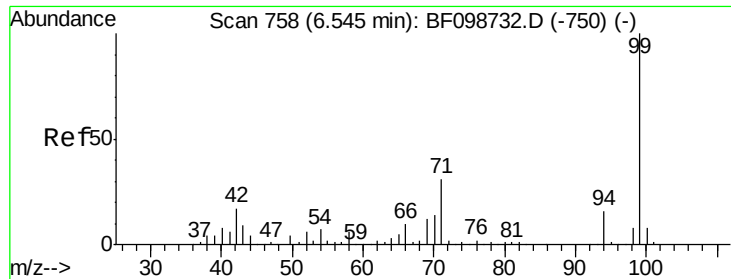
Acq: 15 Oct 2017 14:00

Tgt Ion:	93	Resp:	284333
Ion	Ratio	Lower	Upper
93	100		
66	41.9	32.2	48.2
65	22.0	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 125.96 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampled :

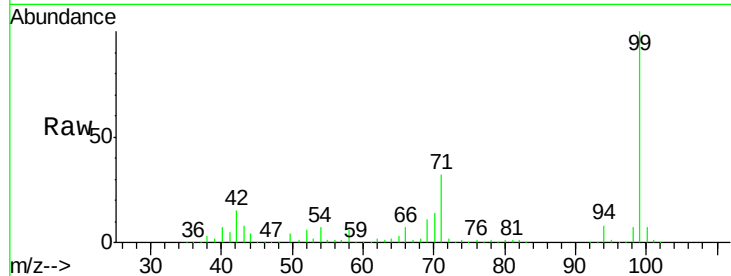
Tot Ion: 99 Resp: 879801

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

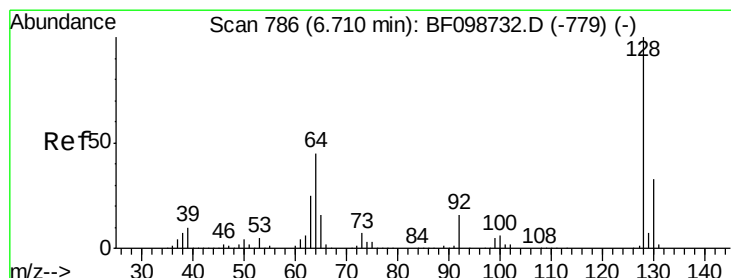
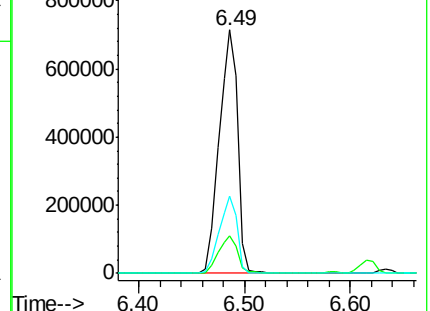
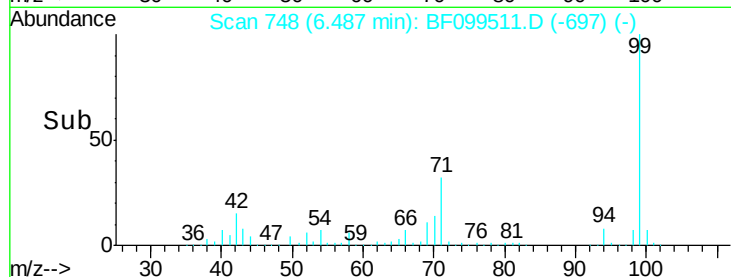
71 31.6 25.4 38.0



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: 40.51 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

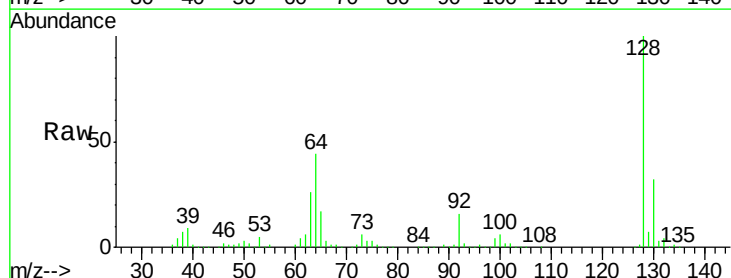
Tgt Ion: 128 Resp: 259735

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

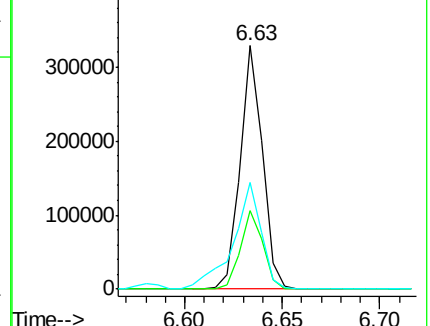
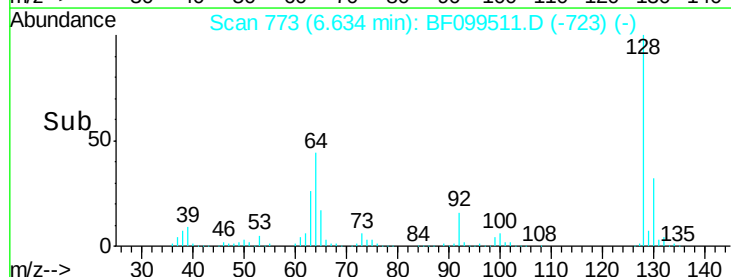
64 44.0 29.4 69.4

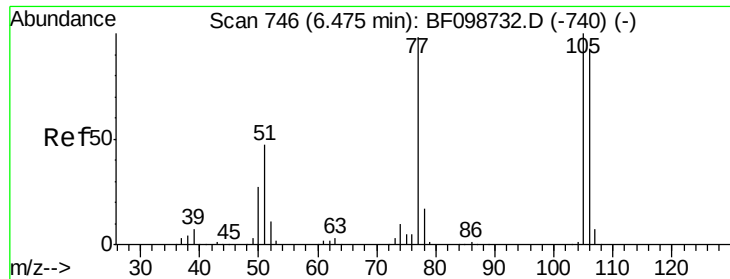


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

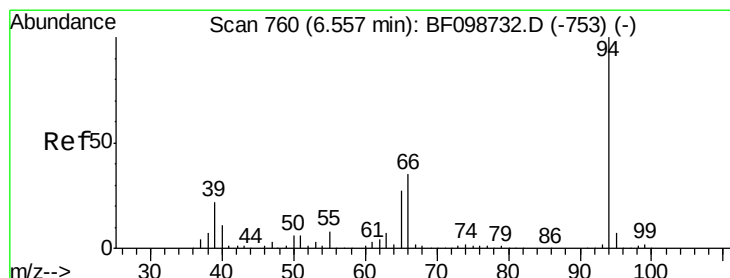
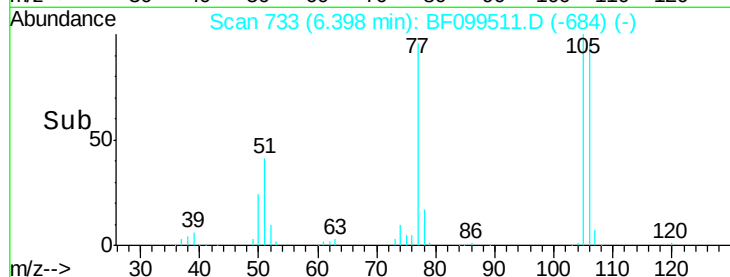
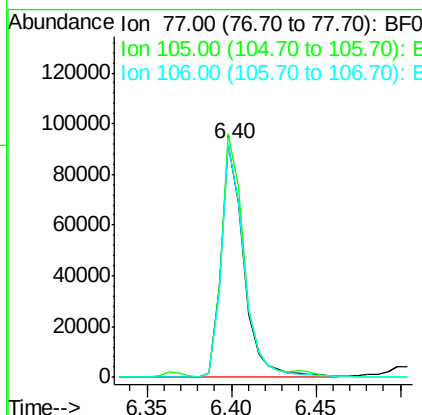
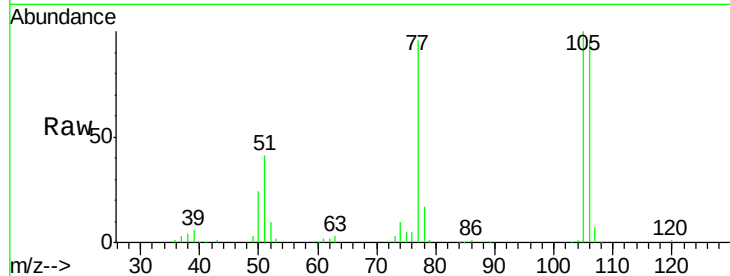




#9
Benzaldehyde
Concen: 21.46 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

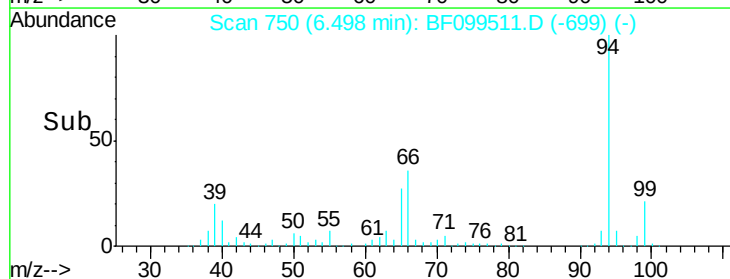
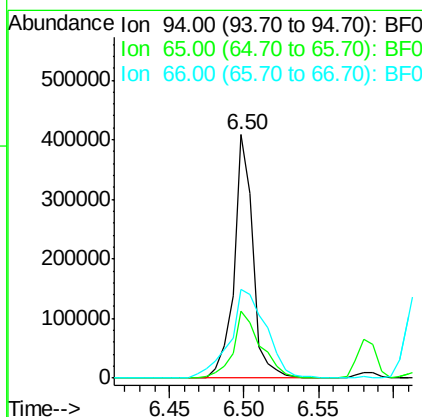
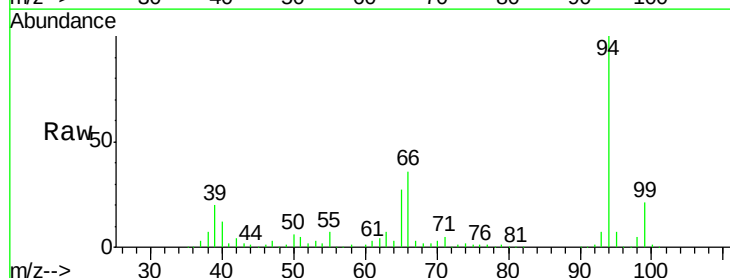
Instrument :
BNA_F
ClientSampleId :

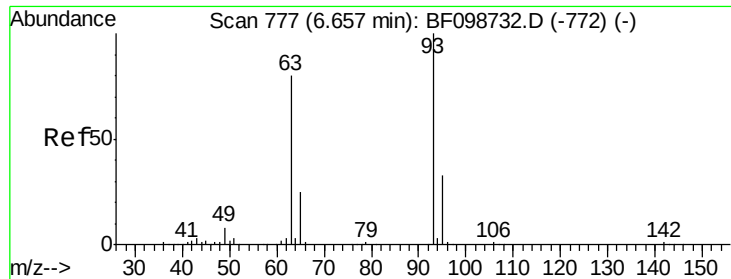
Tot Ion: 77 Resp: 86939
Ion Ratio Lower Upper
77 100
105 104.2 81.1 121.1
106 100.0 74.5 114.5



#10
Phenol
Concen: 46.62 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion: 94 Resp: 364192
Ion Ratio Lower Upper
94 100
65 27.3 7.9 47.9
66 36.3 16.2 56.2

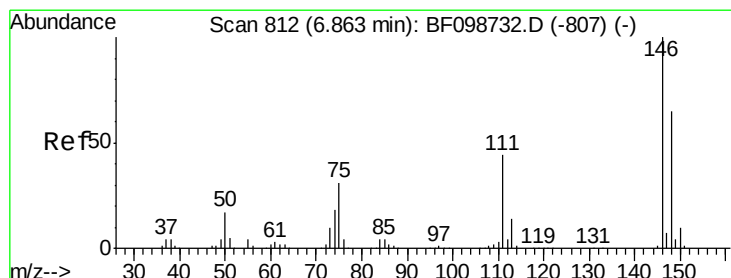
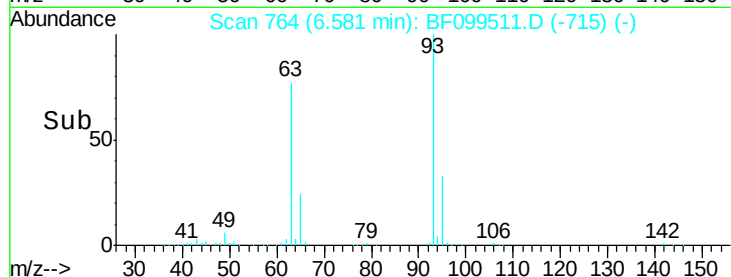
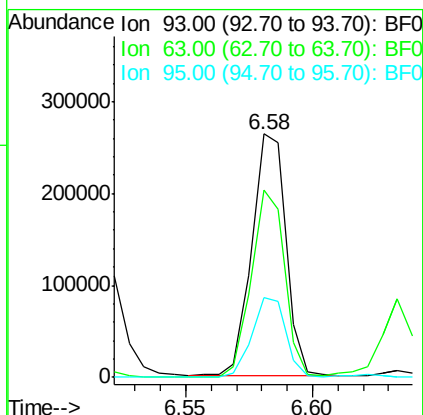
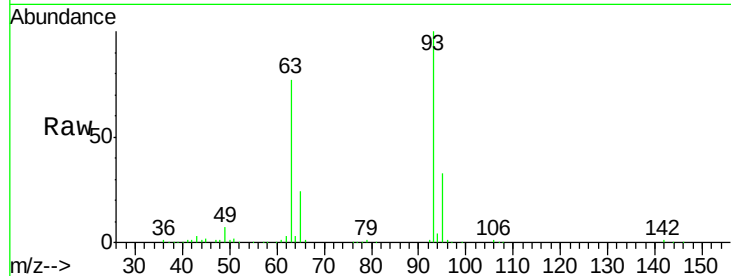




#11
bis(2-Chloroethyl)ether
Concen: 40.87 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

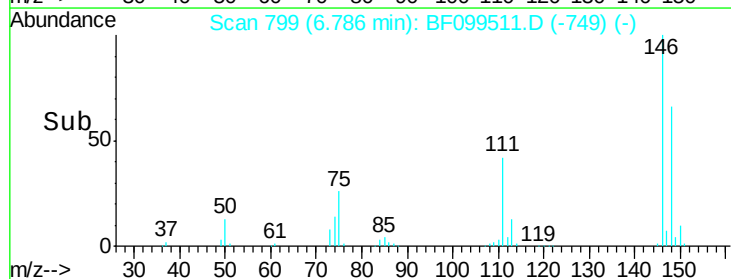
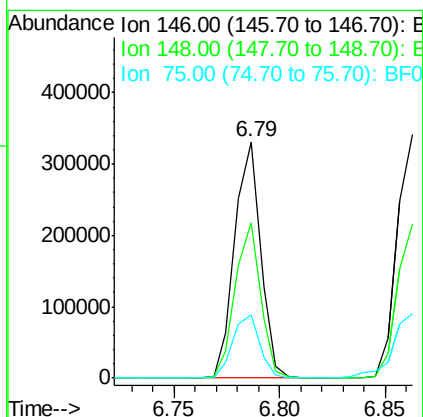
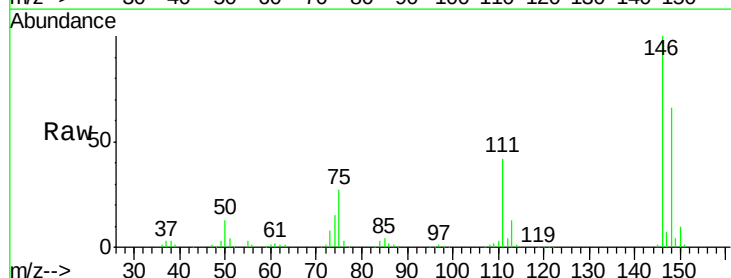
Instrument :
BNA_F
ClientSampleId :

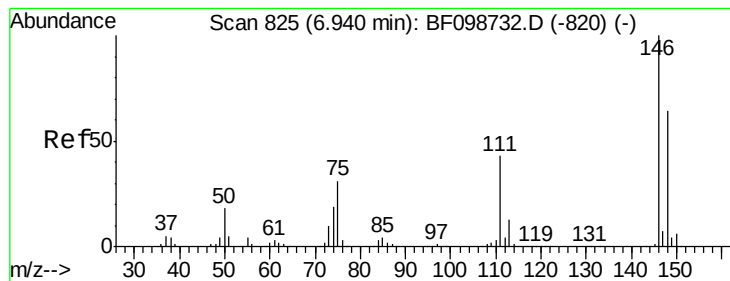
Tot Ion: 93 Resp: 248194
Ion Ratio Lower Upper
93 100
63 77.0 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.83 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion: 146 Resp: 280870
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.8
75 26.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.58 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

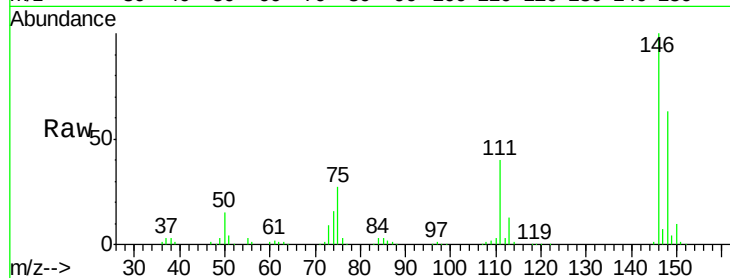
Tot Ion:146 Resp: 284098

Ion Ratio Lower Upper

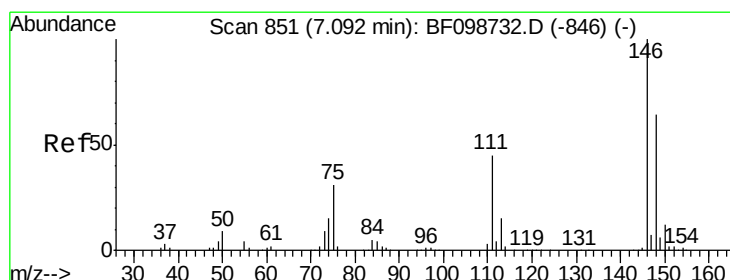
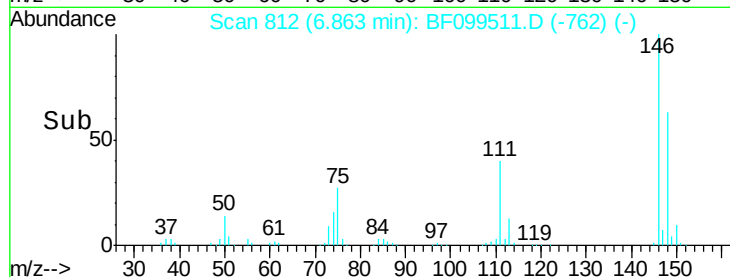
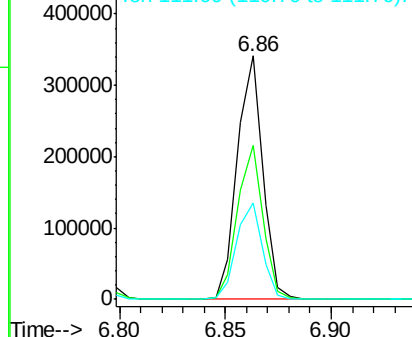
146 100

148 63.3 50.8 76.2

111 39.9 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: 41.70 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

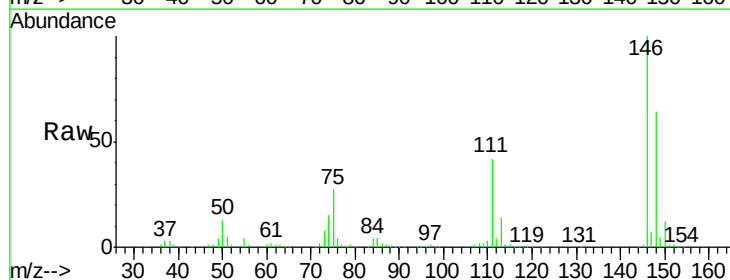
Tgt Ion:146 Resp: 263233

Ion Ratio Lower Upper

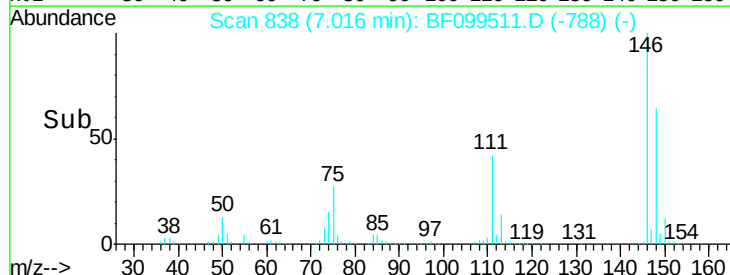
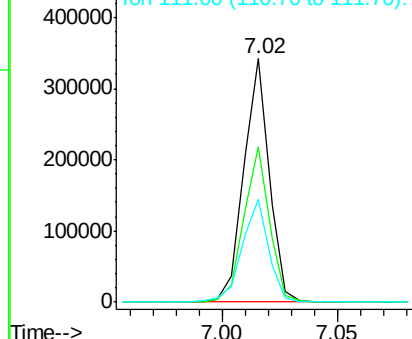
146 100

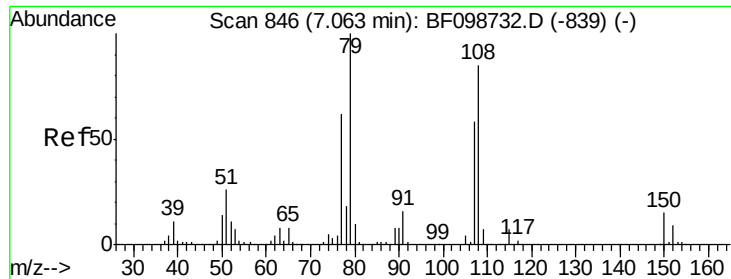
148 63.9 50.6 75.8

111 42.0 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: 38.50 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

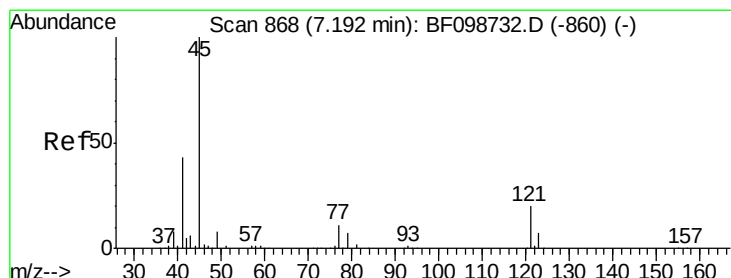
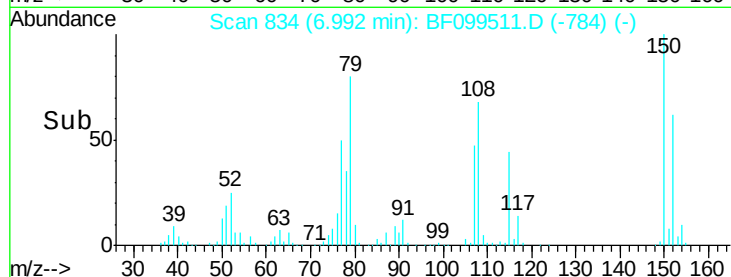
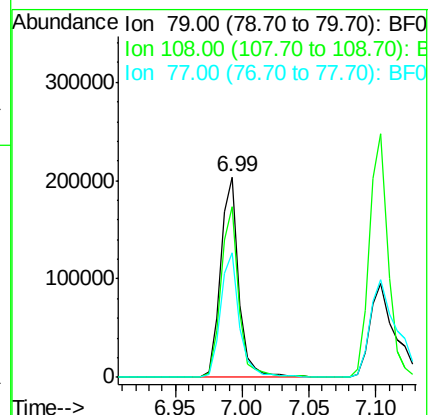
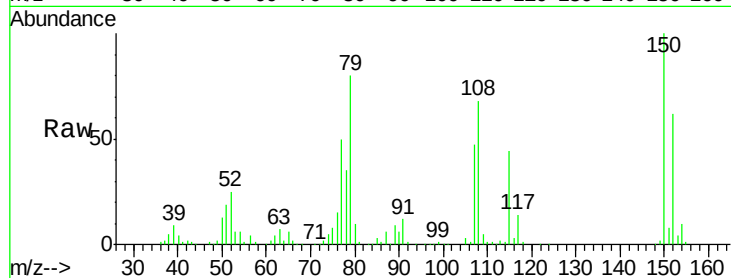
Tot Ion: 79 Resp: 197245

Ion Ratio Lower Upper

79 100

108 85.3 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.56 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

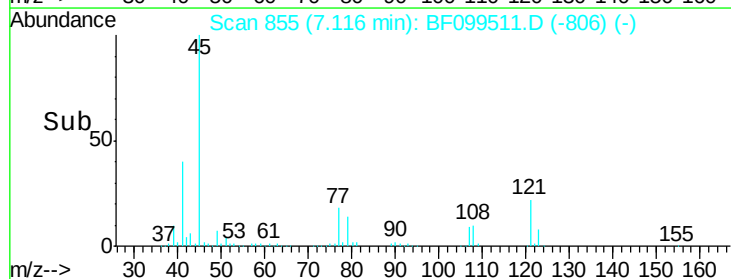
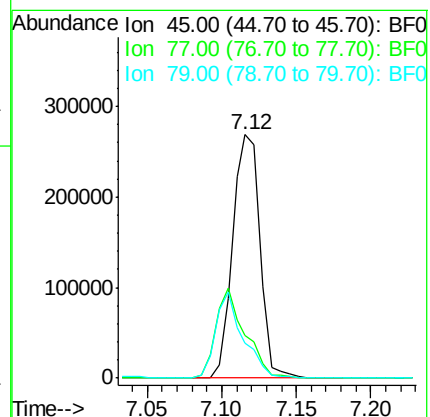
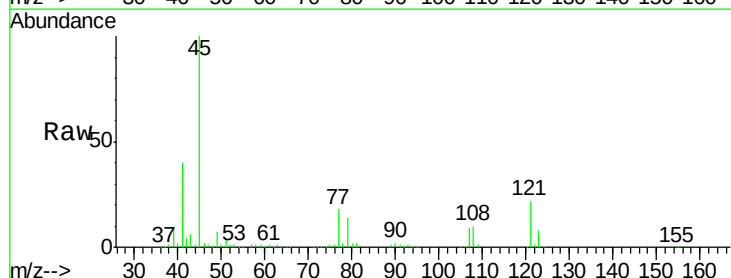
Tgt Ion: 45 Resp: 345909

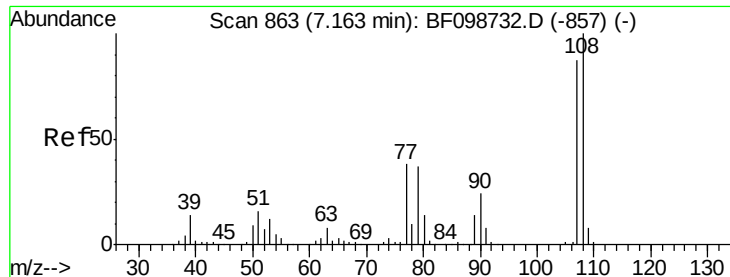
Ion Ratio Lower Upper

45 100

77 17.6 0.0 32.9

79 14.4 0.0 29.6





#17

2-Methylphenol

Concen: 40.26 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 211232

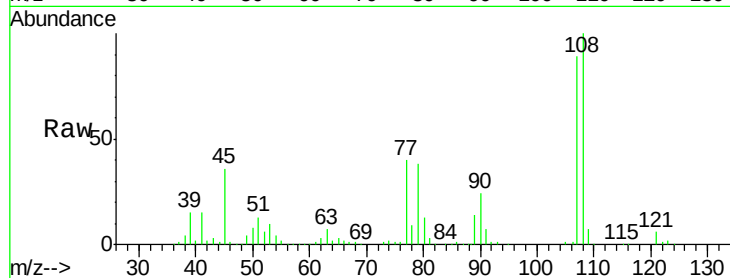
Ion Ratio Lower Upper

107 100

108 111.9 91.7 137.5

77 45.1 33.8 50.8

79 43.1 33.8 50.8

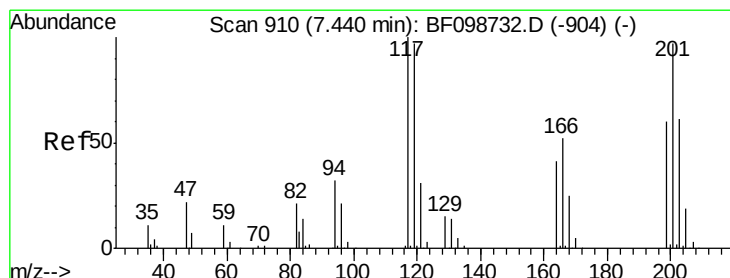
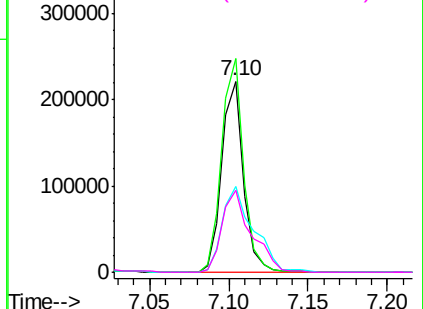
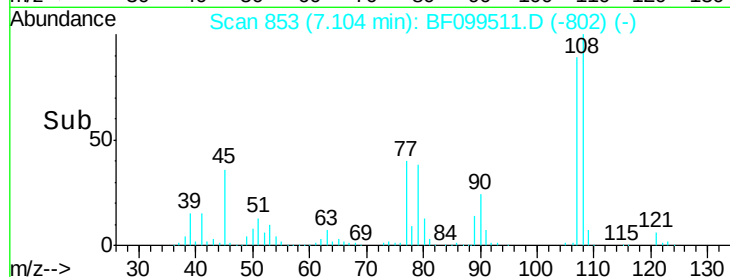


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.27 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

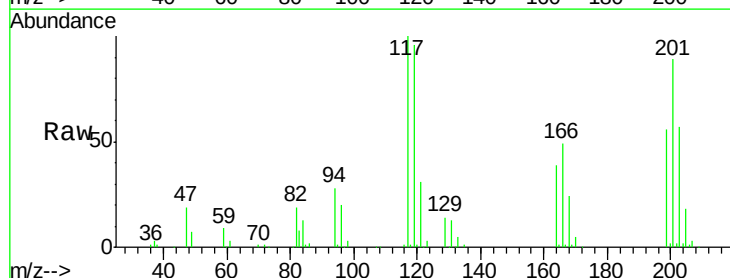
Tgt Ion:117 Resp: 96427

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.8

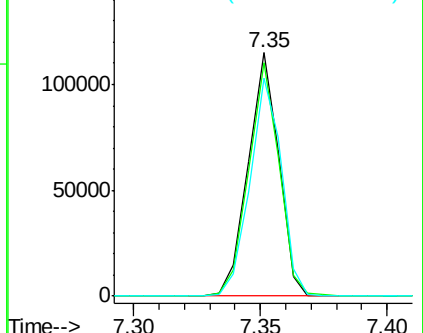
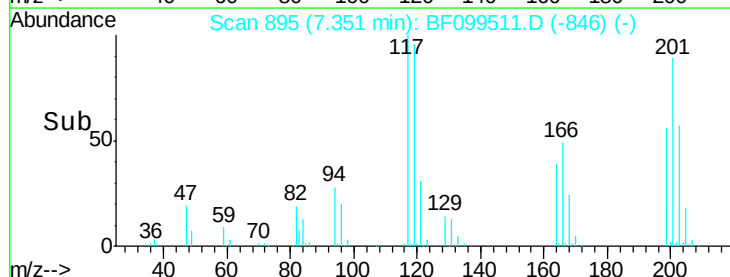
201 89.4 75.7 113.5

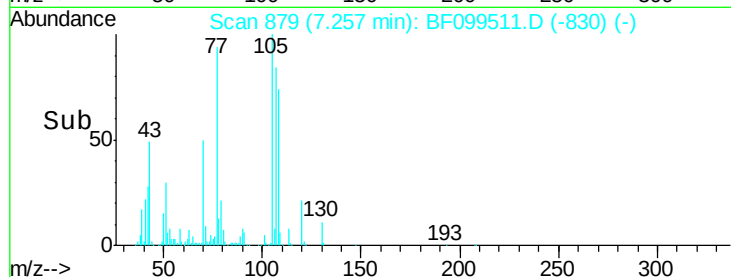
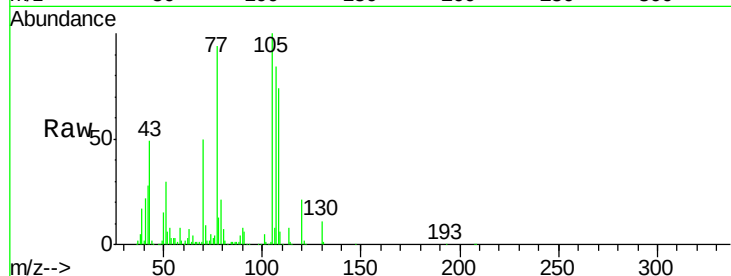
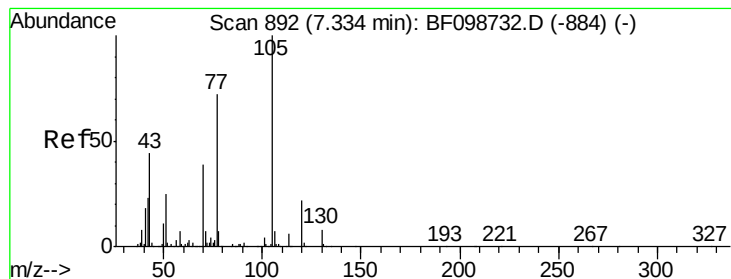


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.92 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 160157

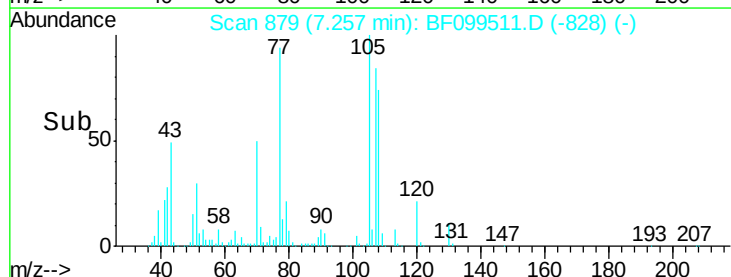
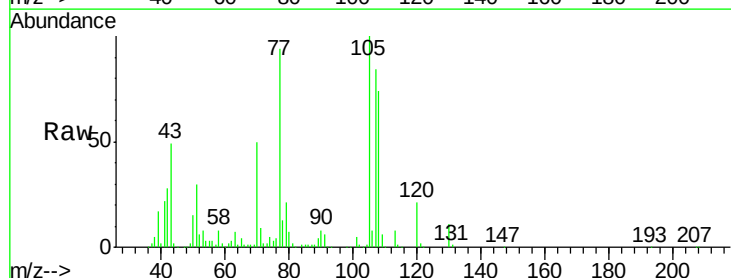
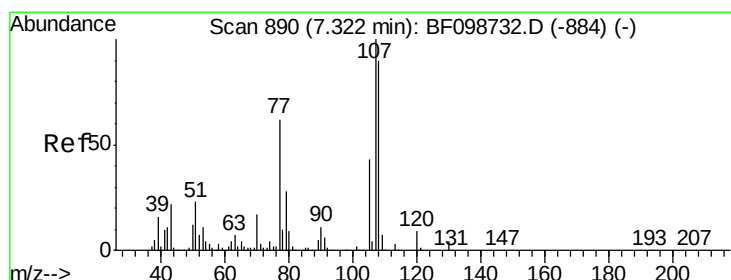
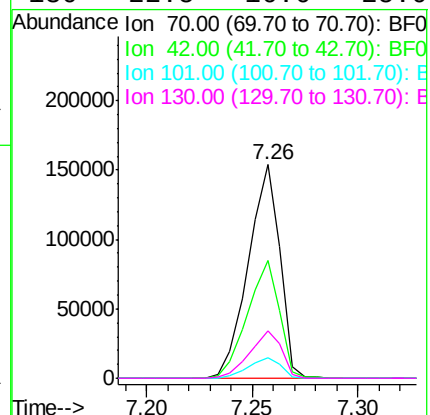
Ion Ratio Lower Upper

70 100

42 55.3 47.5 71.3

101 9.6 7.4 11.2

130 22.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.78 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Tgt Ion:107 Resp: 257376

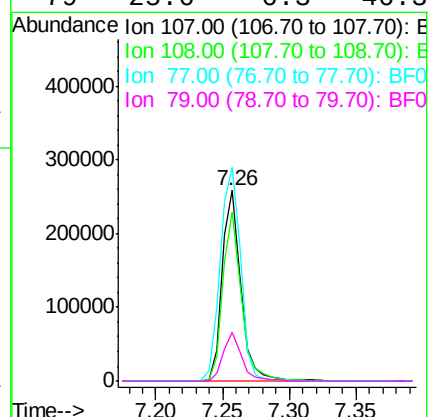
Ion Ratio Lower Upper

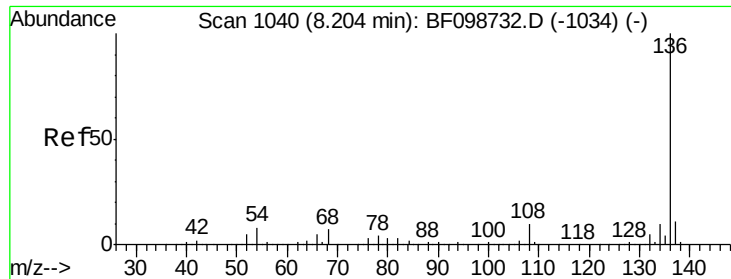
107 100

108 88.7 68.2 108.2

77 112.2 26.7 66.7#

79 25.6 6.3 46.3

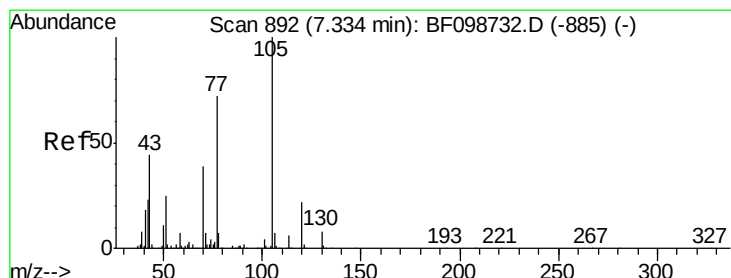
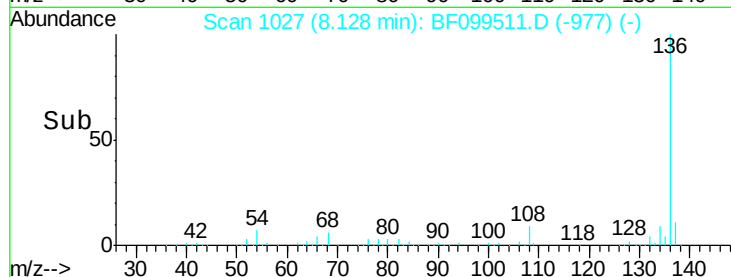
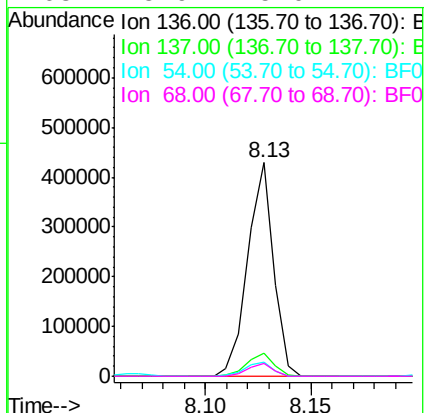
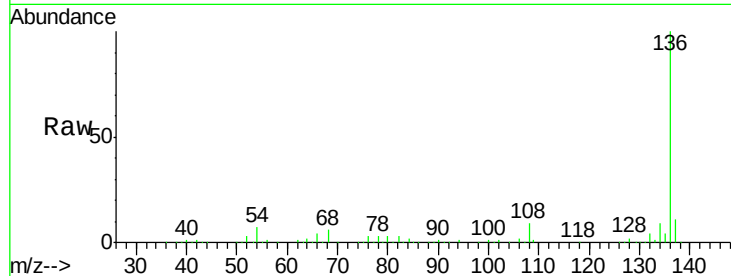




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

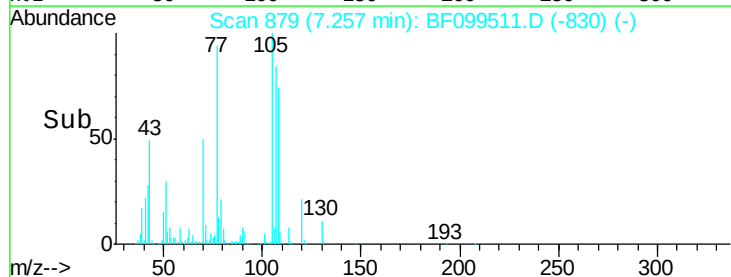
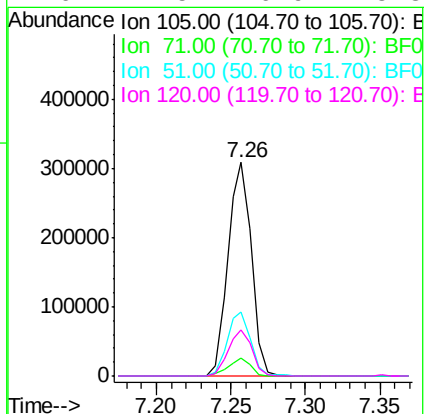
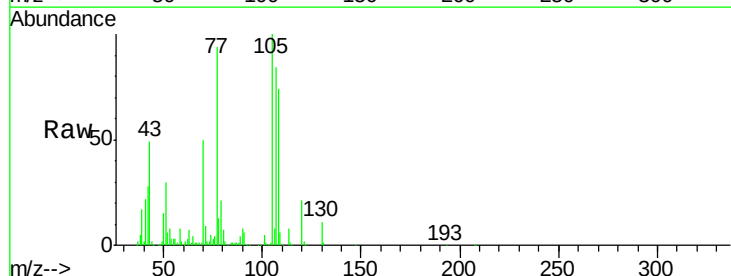
Instrument :
BNA_F
ClientSampleId :

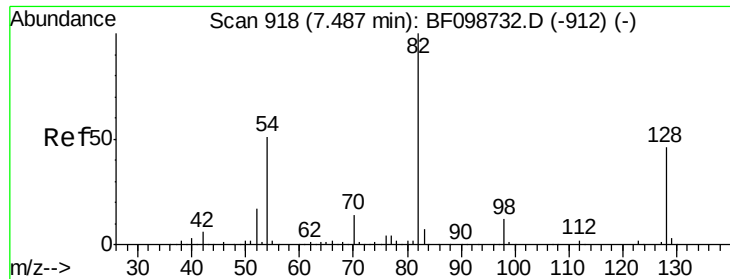
Tot Ion:136	Resp:	365512
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.7	6.6 9.8
68	5.9	5.0 7.4



#22
Acetophenone
Concen: 38.48 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion:105	Resp:	340758
Ion Ratio	Lower	Upper
105	100	
71	8.6	4.4 6.6#
51	30.2	22.3 33.5
120	21.5	16.9 25.3

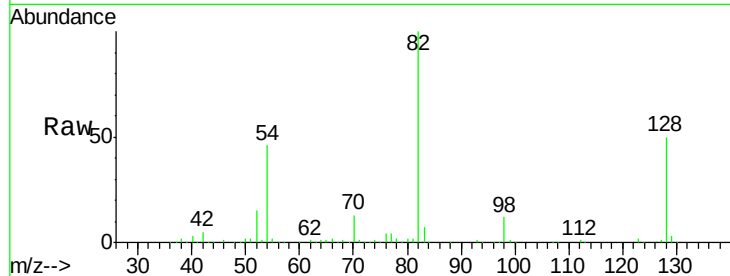




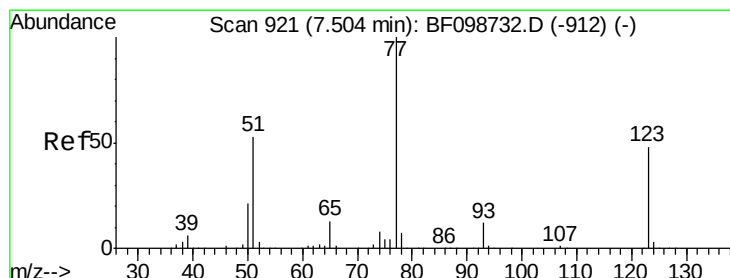
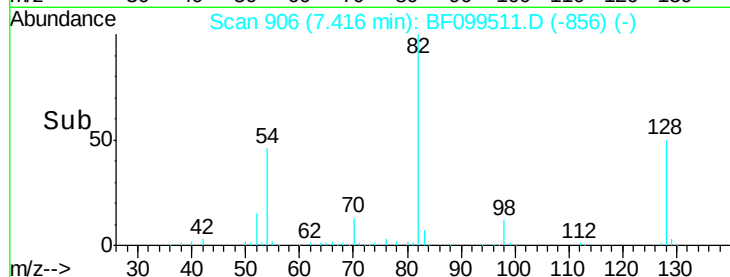
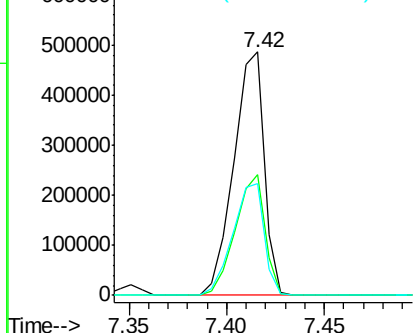
#23
Nitrobenzene-d5
Concen: 92.63 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 527975
Ion Ratio Lower Upper
82 100
128 49.8 36.1 54.1
54 46.0 41.4 62.2

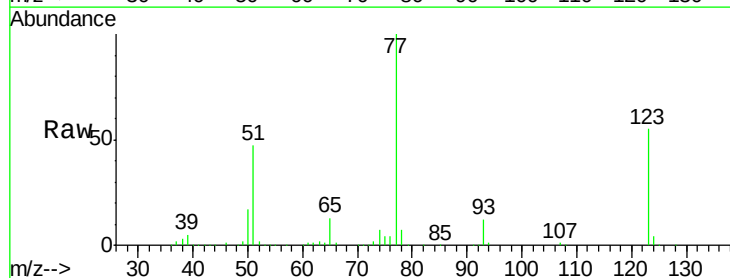


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

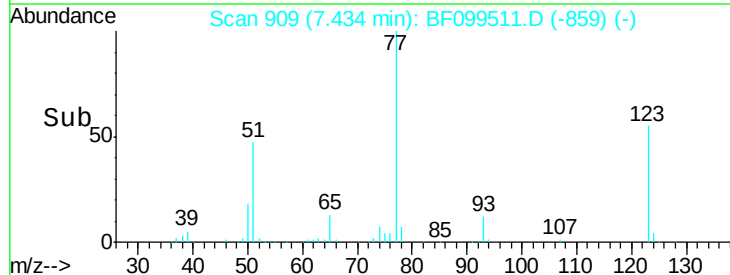
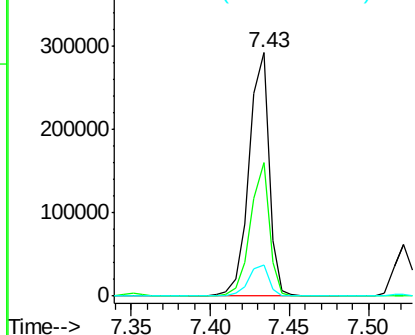


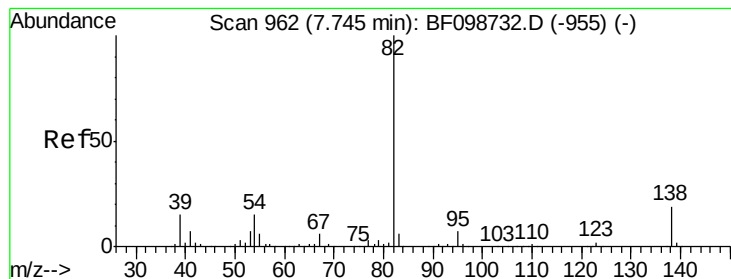
#24
Nitrobenzene
Concen: 39.67 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion: 77 Resp: 256514
Ion Ratio Lower Upper
77 100
123 54.8 37.9 56.9
65 12.7 11.0 16.4



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





#25

Isophorone

Concen: 40.32 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

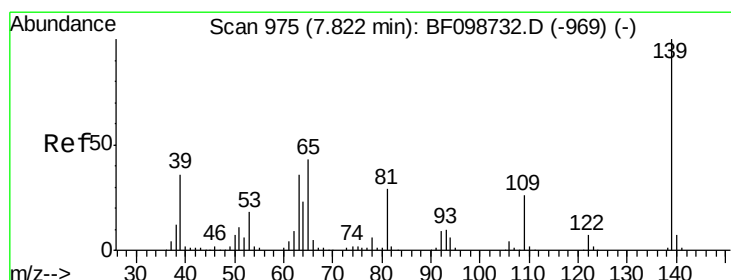
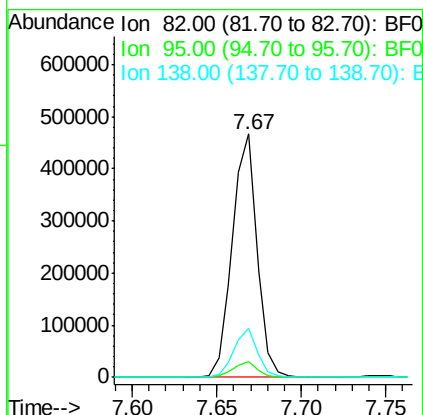
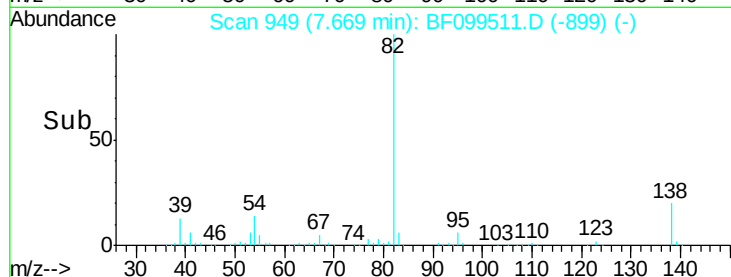
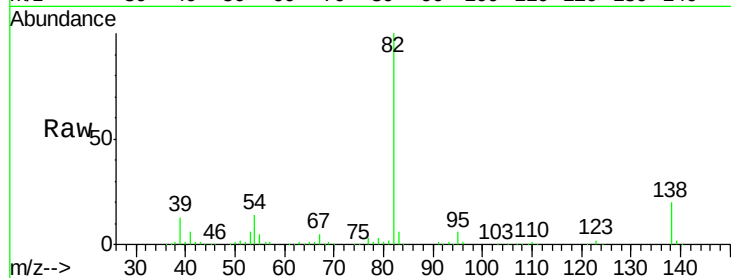
Tot Ion: 82 Resp: 475115

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 20.0 14.9 22.3



#26

2-Nitrophenol

Concen: 45.23 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

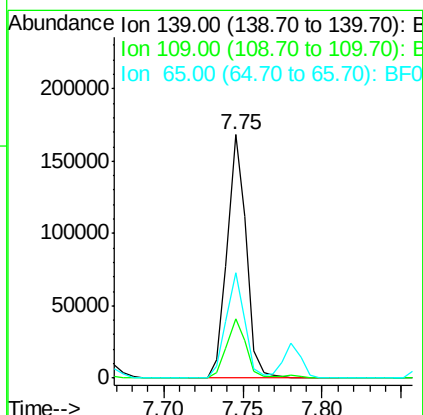
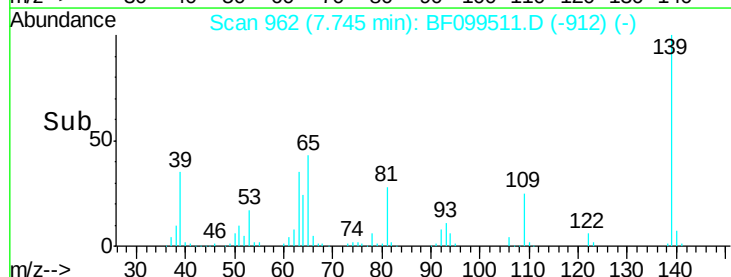
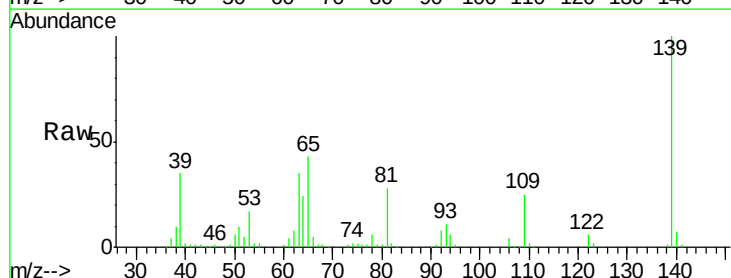
Tgt Ion: 139 Resp: 140626

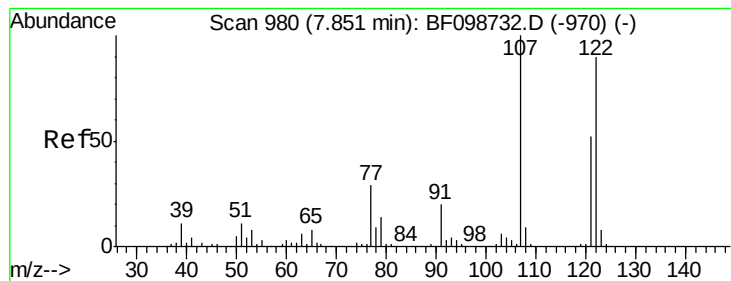
Ion Ratio Lower Upper

139 100

109 24.5 22.7 34.1

65 43.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.44 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampled :

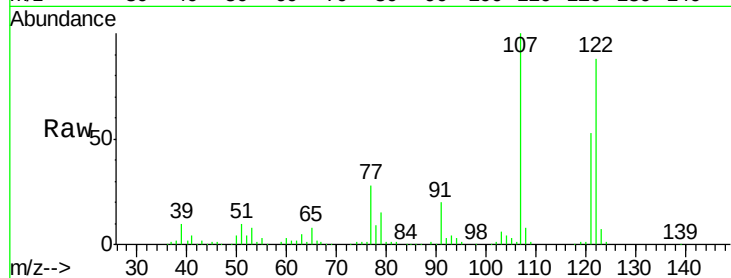
Tot Ion:122 Resp: 225725

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

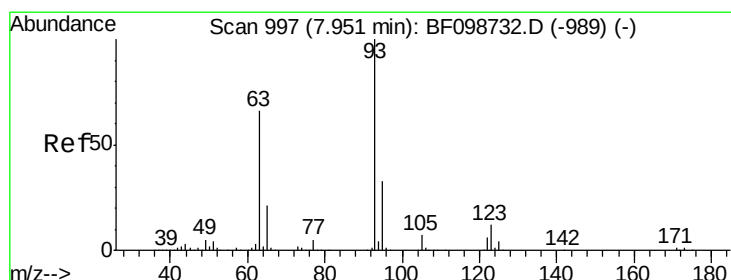
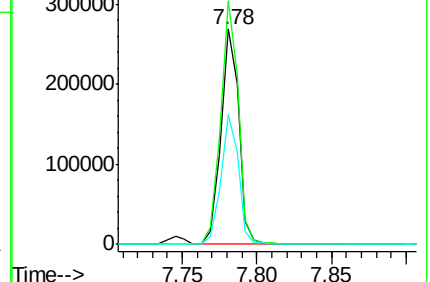
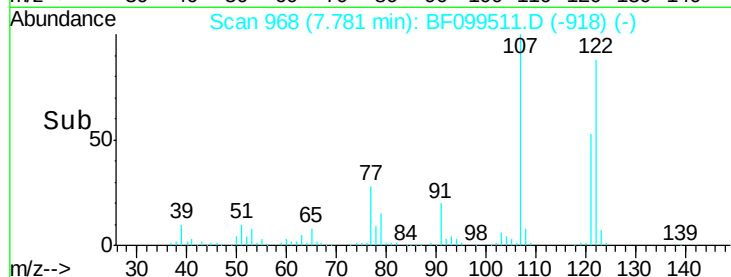
121 60.2 47.2 70.8



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: 42.11 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

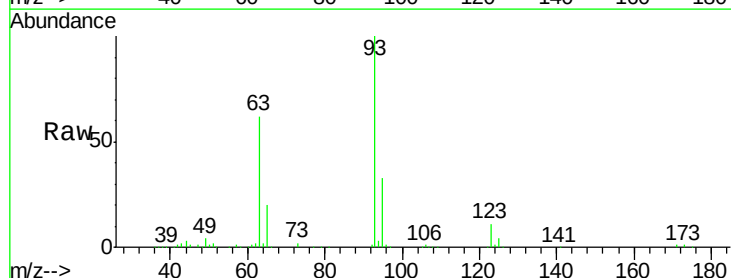
Tgt Ion: 93 Resp: 309243

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

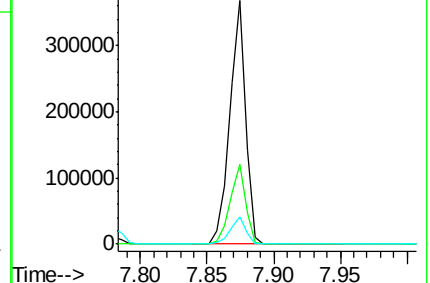
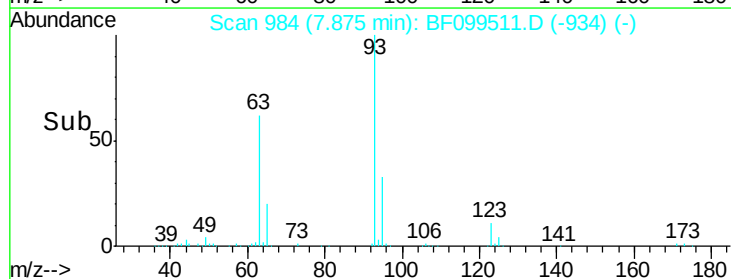
123 11.3 9.8 14.6

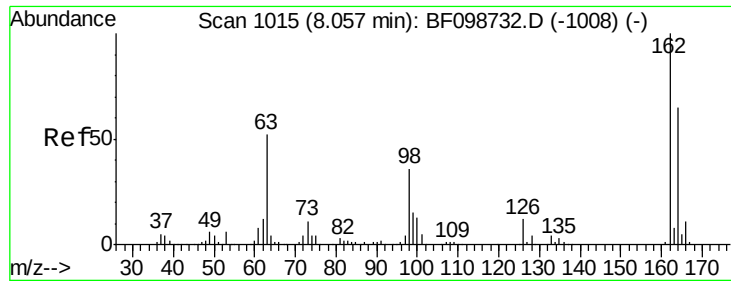


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

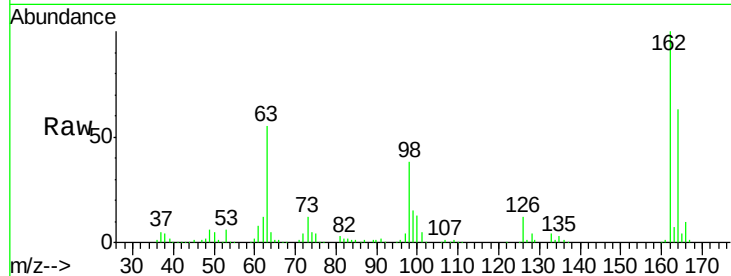




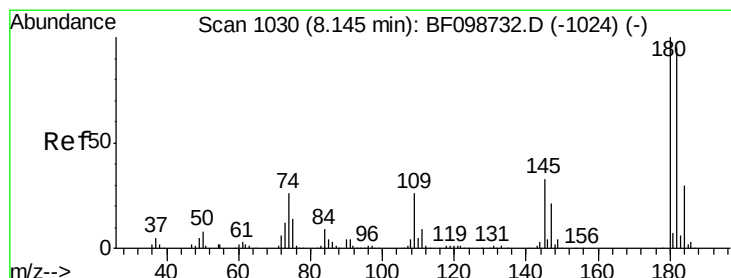
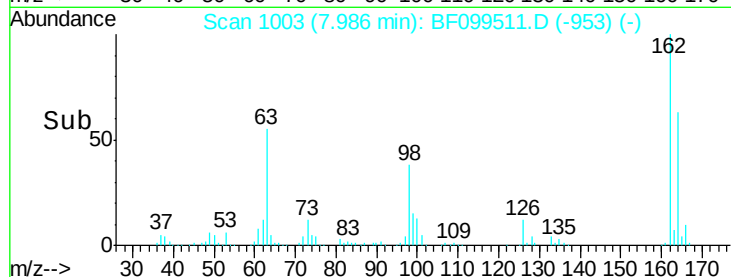
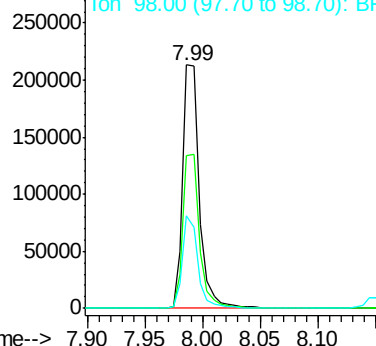
#29
 2,4-Dichlorophenol
 Concen: 42.28 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 213129
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.7 82.7
 98 38.0 18.1 58.1

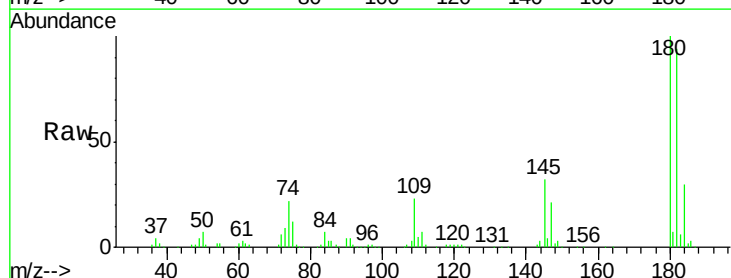


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

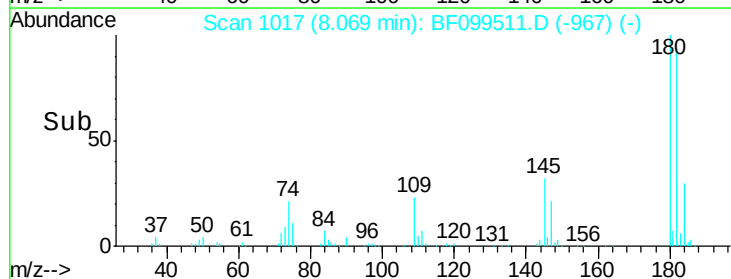
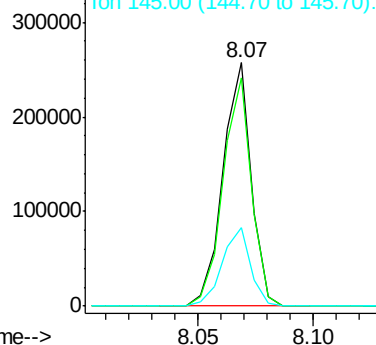


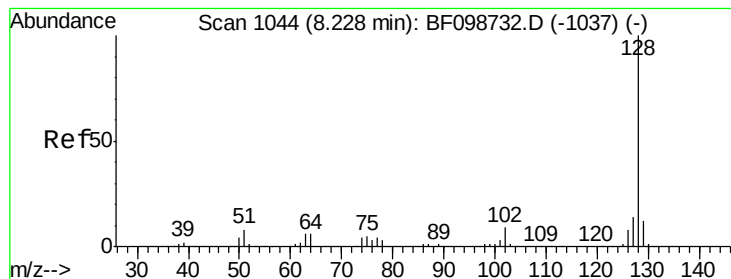
#30
 1,2,4-Trichlorobenzene
 Concen: 43.77 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion:180 Resp: 220699
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.8 115.2
 145 32.0 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: 42.63 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

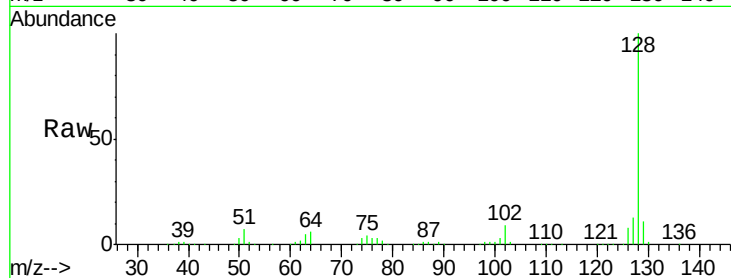
Tot Ion:128 Resp: 731732

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

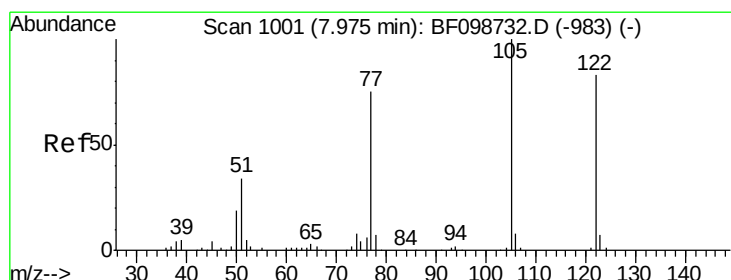
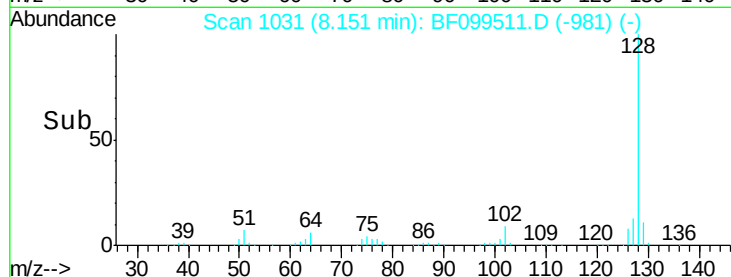
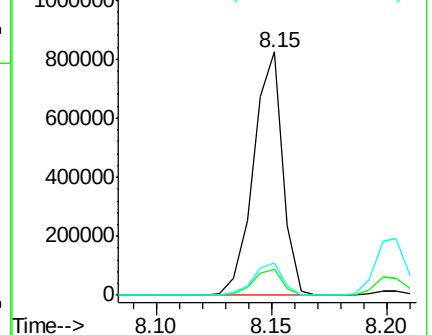
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.80 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.14 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

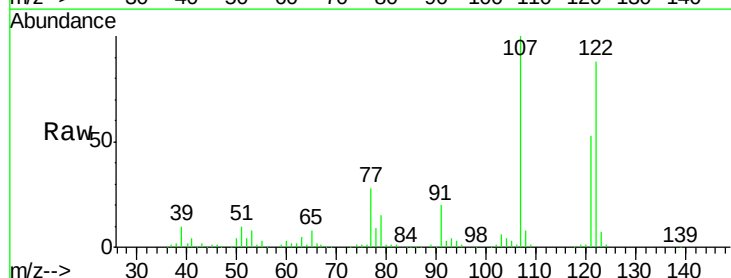
Tgt Ion:122 Resp: 225725

Ion Ratio Lower Upper

122 100

105 3.4 101.1 141.1#

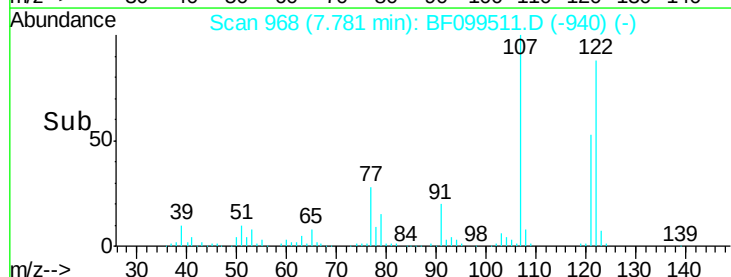
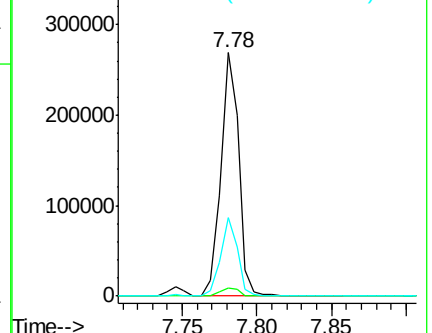
77 32.0 70.7 110.7#

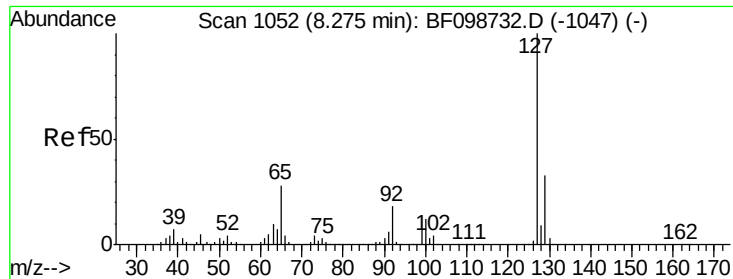


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

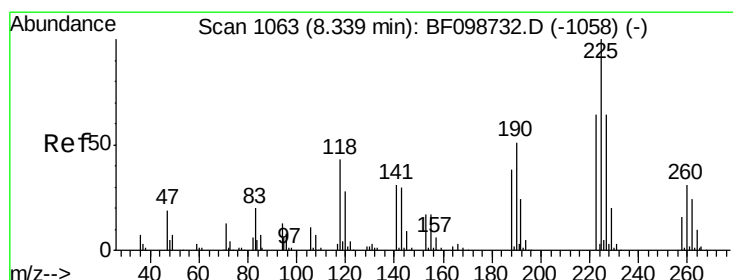
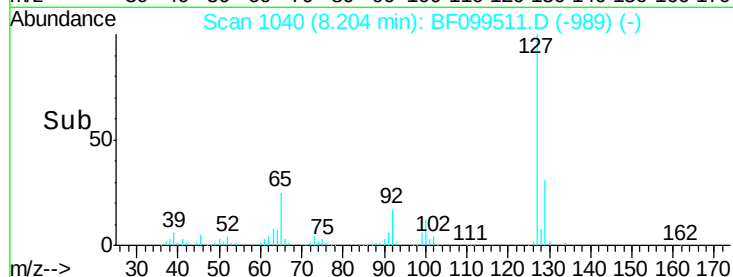
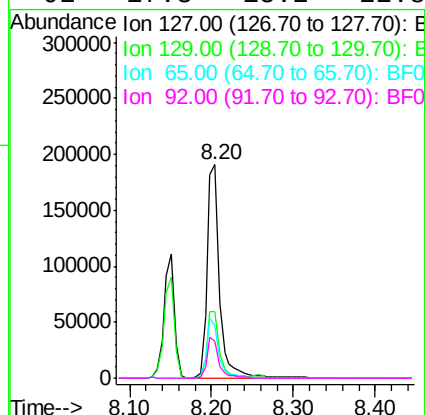
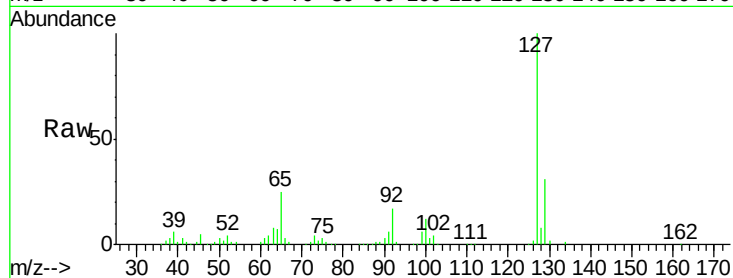




#33
4-Chloroaniline
Concen: 28.40 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

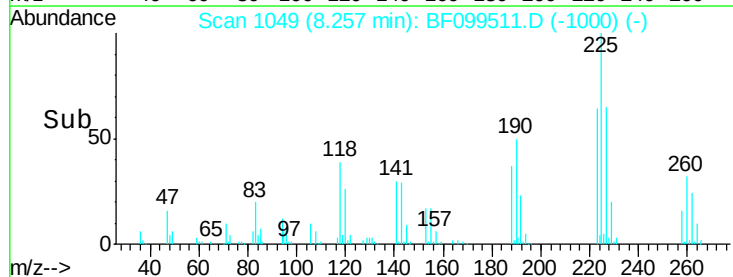
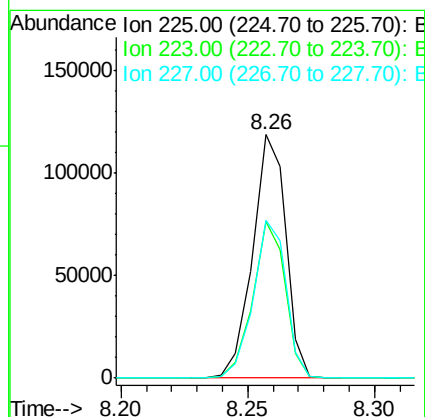
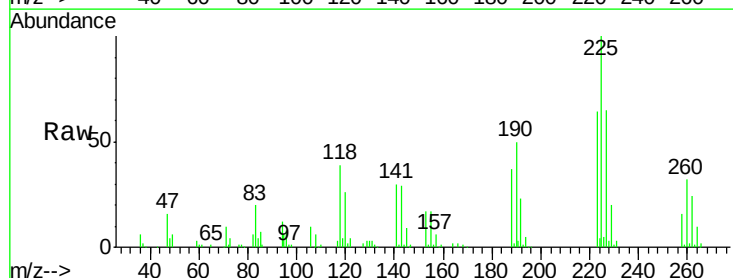
Instrument :
BNA_F
ClientSampled :

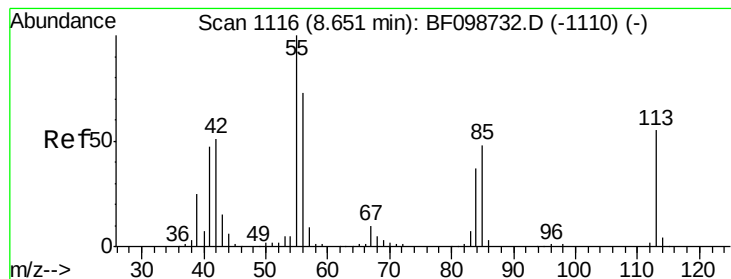
Tot Ion:	127	Resp:	203579
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	24.8	25.0	37.4
92	17.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.63 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion:	225	Resp:	108098
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 40.43 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

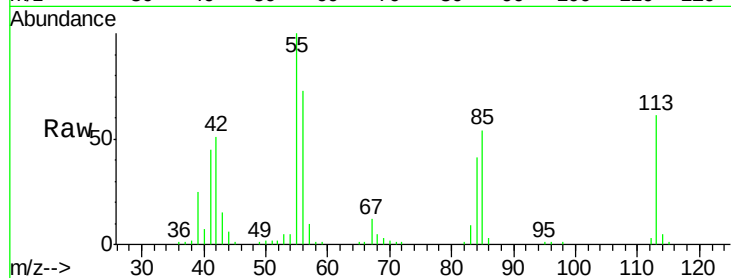
Tot Ion:113 Resp: 65371

Ion Ratio Lower Upper

113 100

55 164.8 163.3 203.3

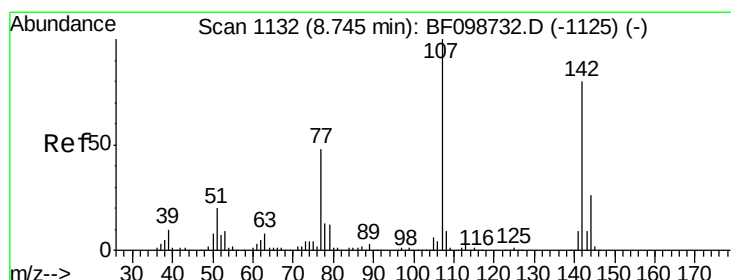
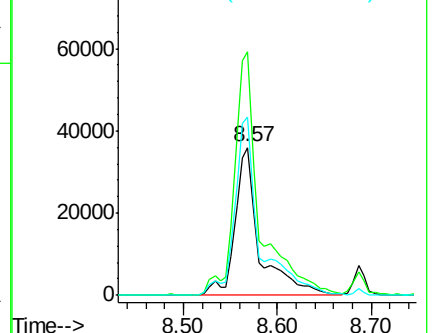
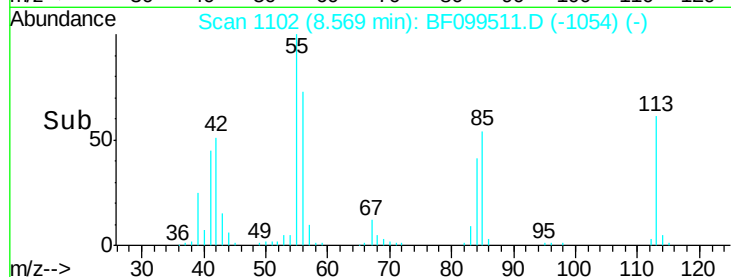
56 121.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.10 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

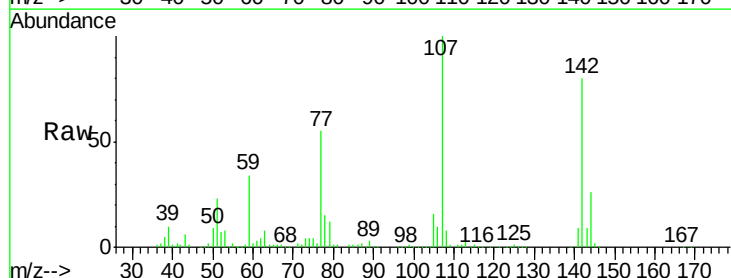
Tgt Ion:107 Resp: 215884

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

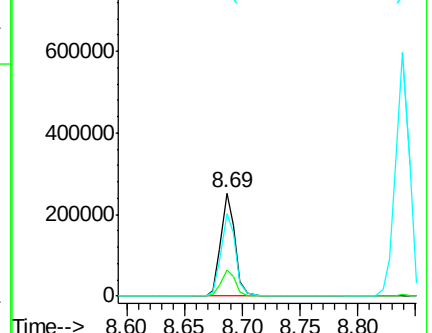
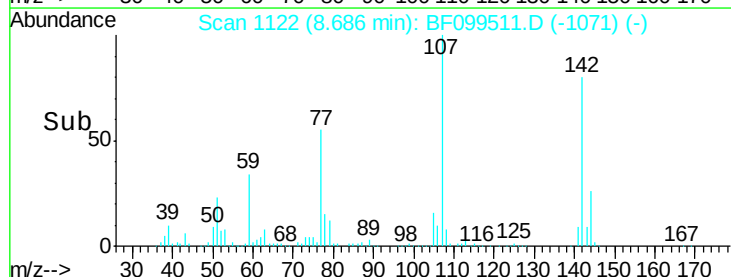
142 80.1 62.0 93.0

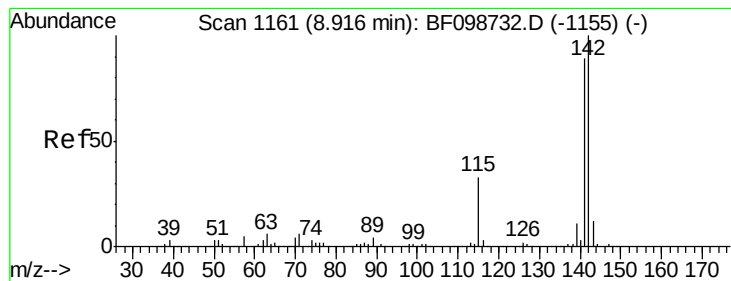


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

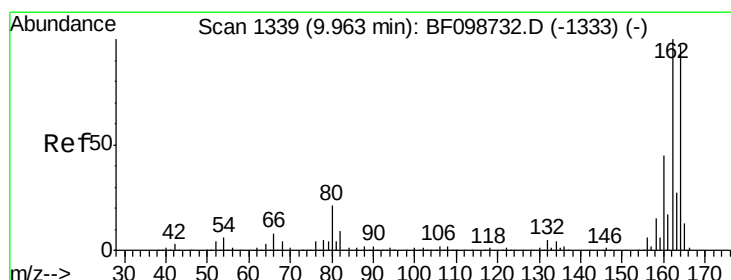
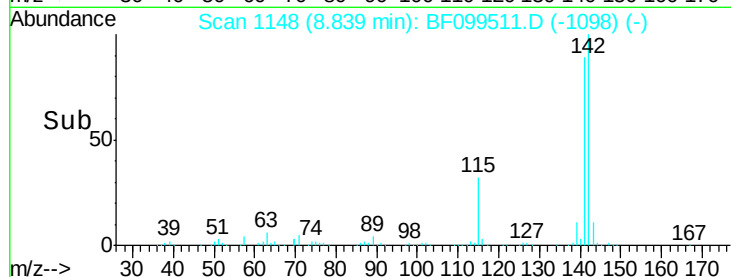
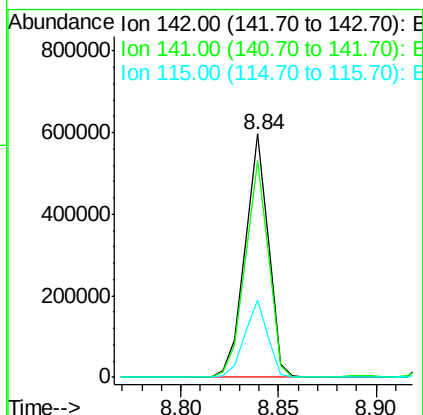
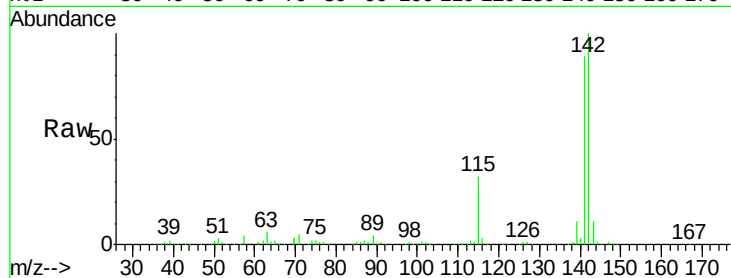




#37
 2-Methylnaphthalene
 Concen: 44.51 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

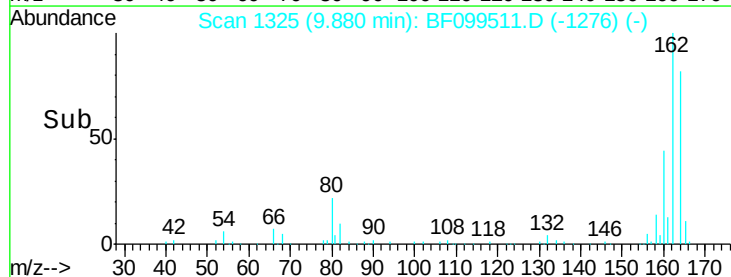
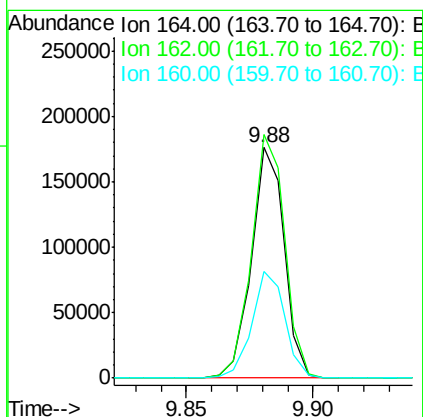
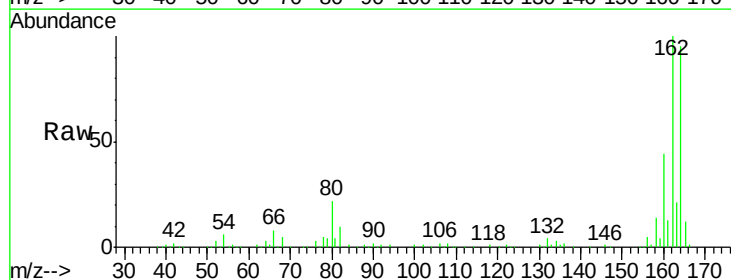
Instrument :
 BNA_F
 ClientSampleId :

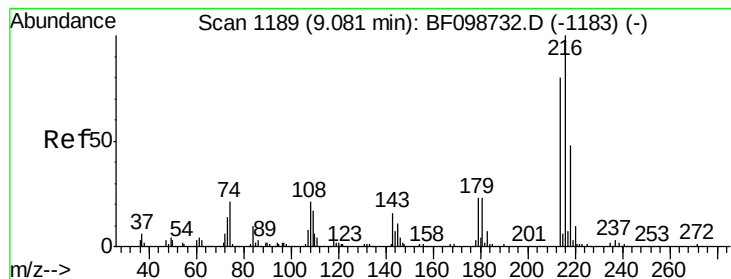
Tot Ion:142 Resp: 496763
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.8 106.2
 115 31.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion:164 Resp: 158045
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 46.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.51 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 200349

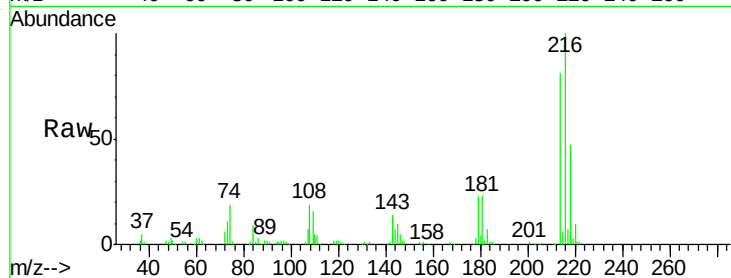
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.1 18.1 27.1

108 19.1 17.2 25.8

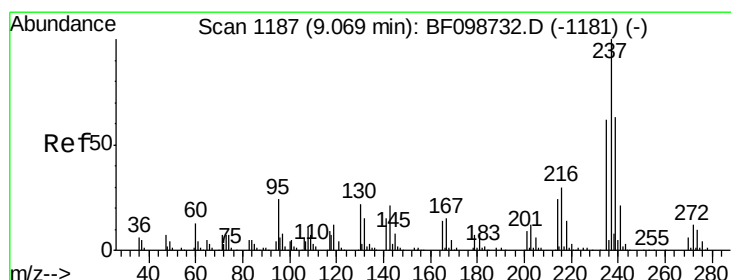
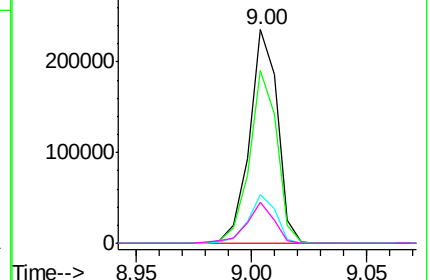
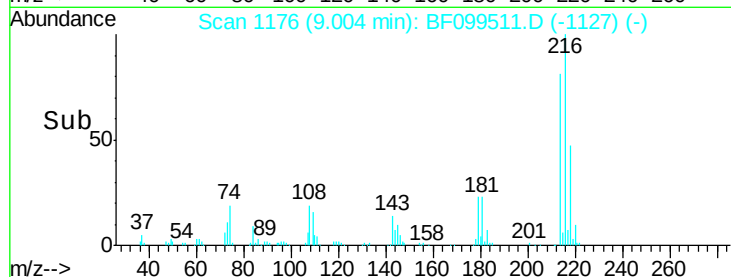


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 27.79 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

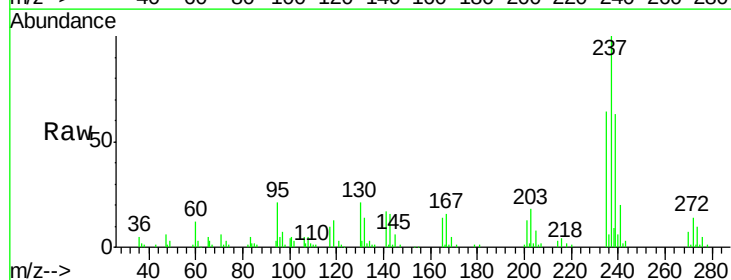
Tgt Ion:237 Resp: 59869

Ion Ratio Lower Upper

237 100

235 64.2 44.8 84.8

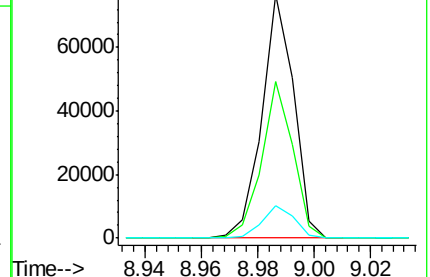
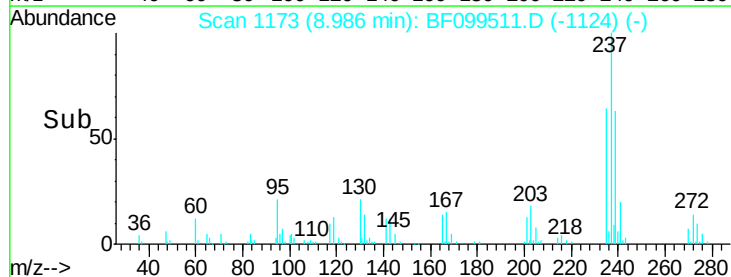
272 13.5 0.0 33.3

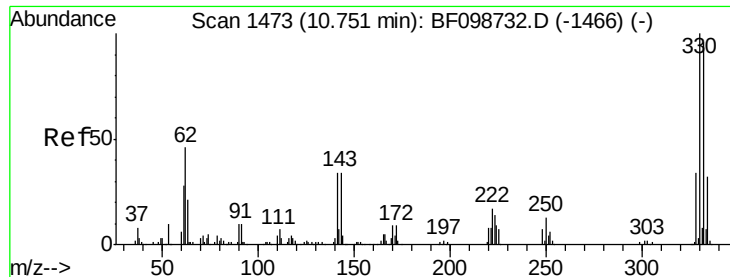


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

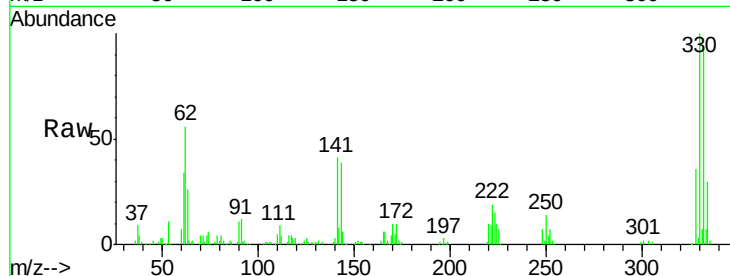




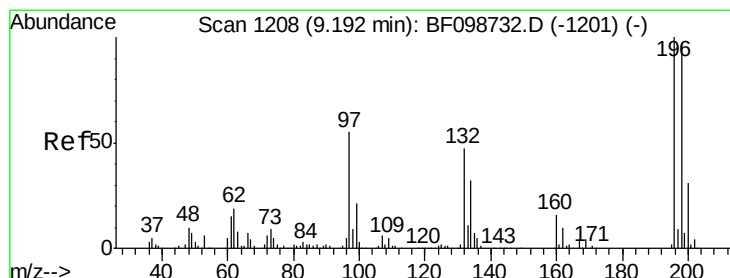
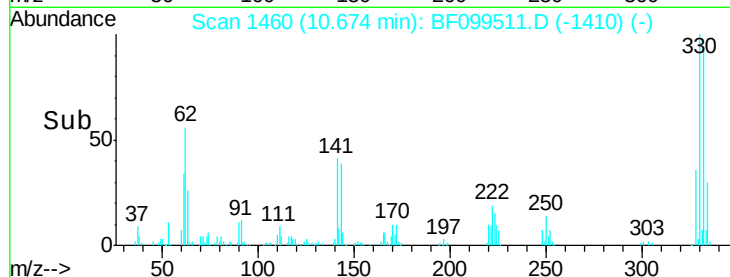
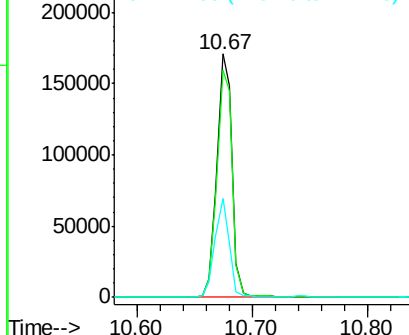
#41
 2,4,6-Tribromophenol
 Concen: 120.39 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 155696
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 38.5 29.9 44.9

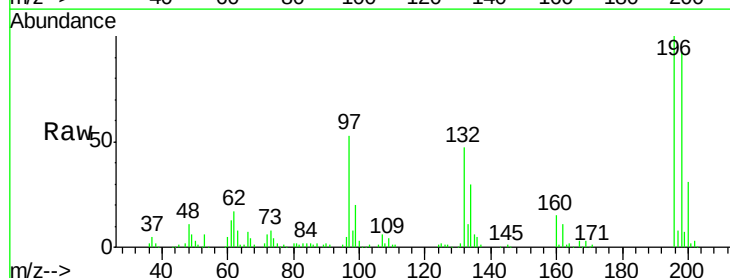


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

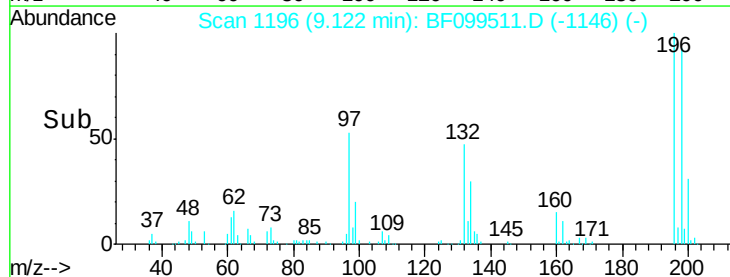
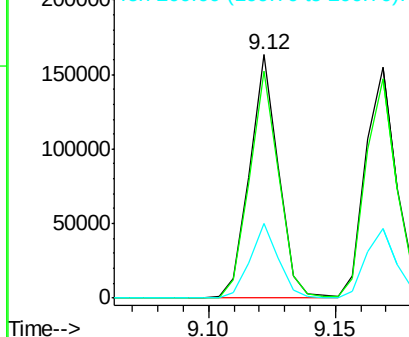


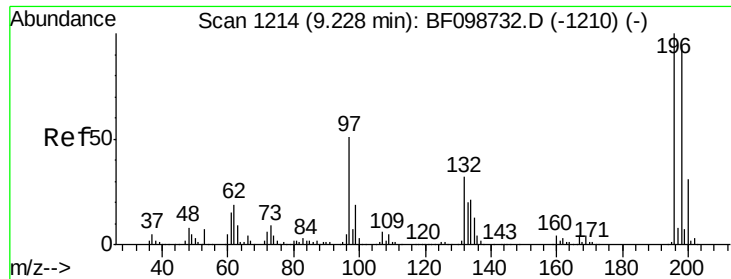
#42
 2,4,6-Trichlorophenol
 Concen: 38.82 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion:196 Resp: 129628
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.7 113.5
 200 30.6 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

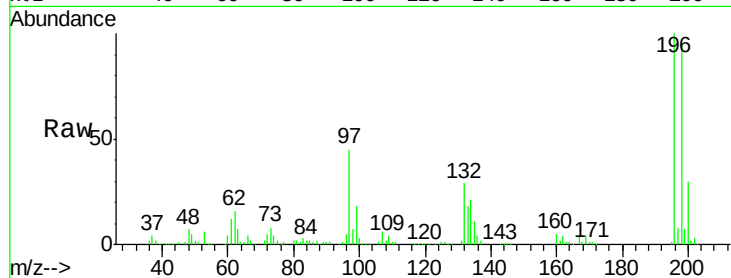




#43
 2,4,5-Trichlorophenol
 Concen: 41.01 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.6	112.0
97	45.1	42.9	64.3
132	29.0	26.3	39.5



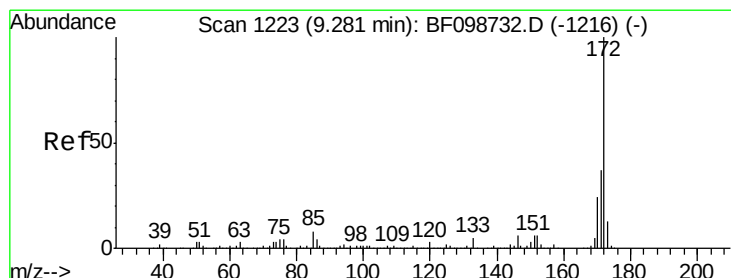
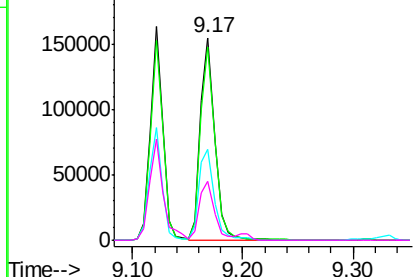
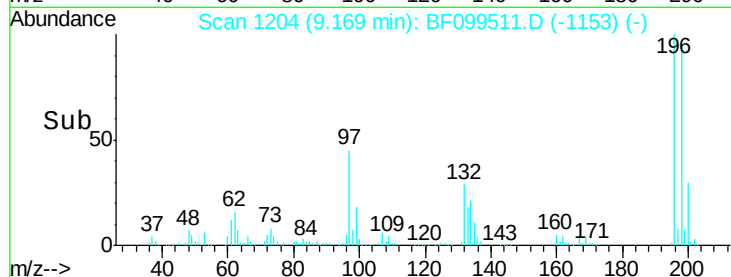
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

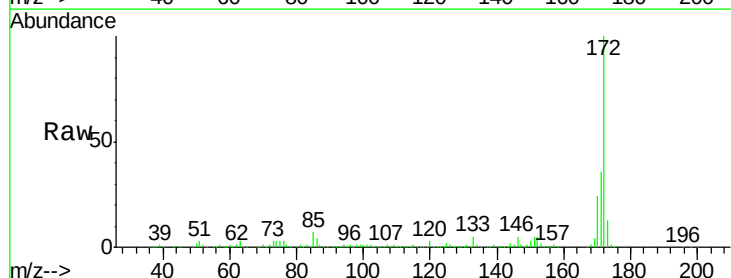
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.88 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

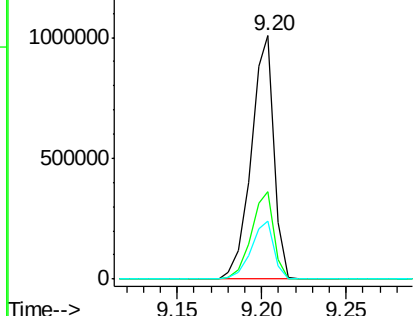
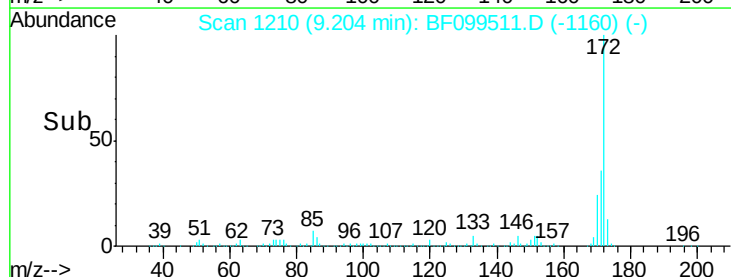


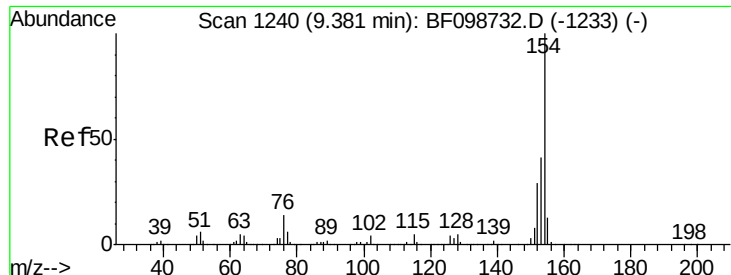
Abundance

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: 42.06 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

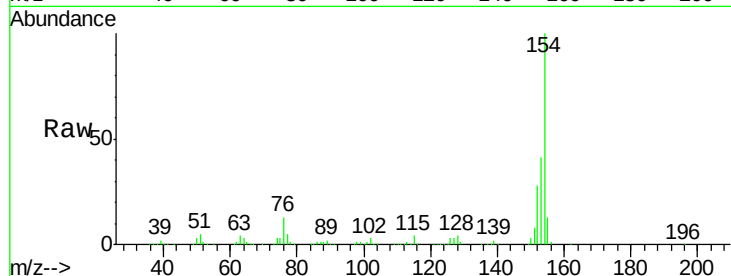
Tot Ion:154 Resp: 571293

Ion Ratio Lower Upper

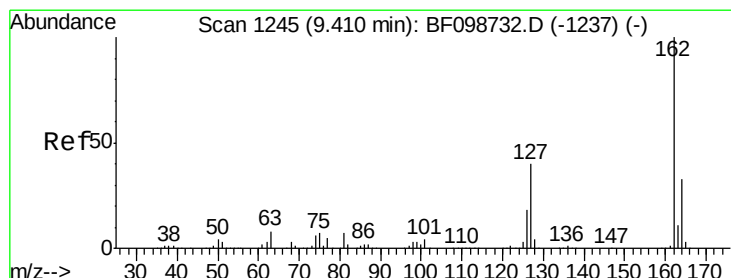
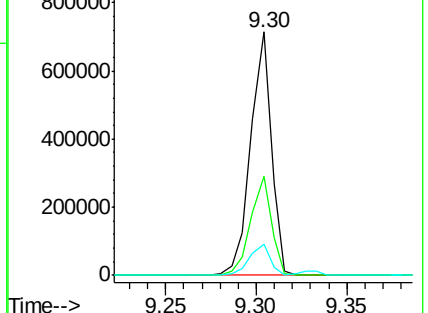
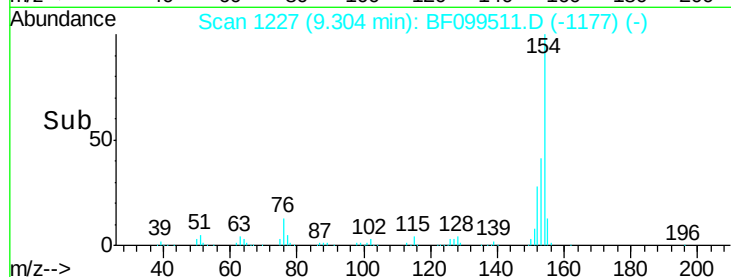
154 100

153 40.7 21.3 61.3

76 12.7 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 43.96 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

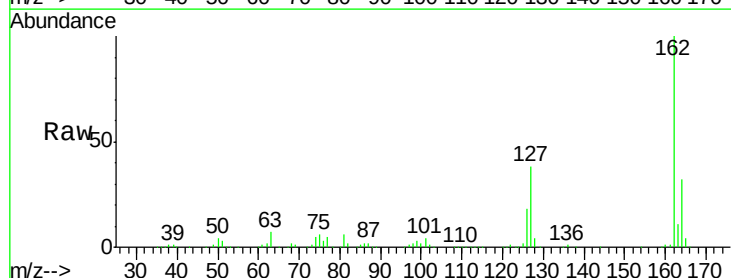
Tgt Ion:162 Resp: 448297

Ion Ratio Lower Upper

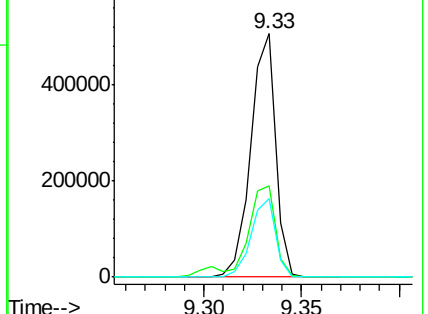
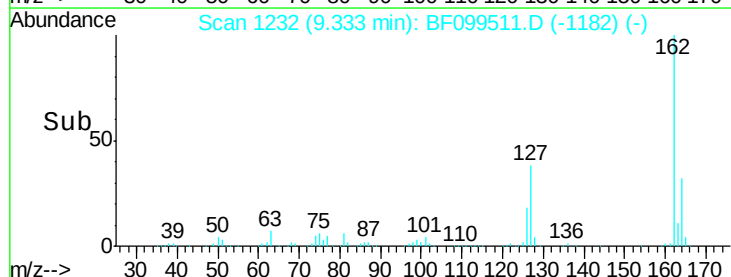
162 100

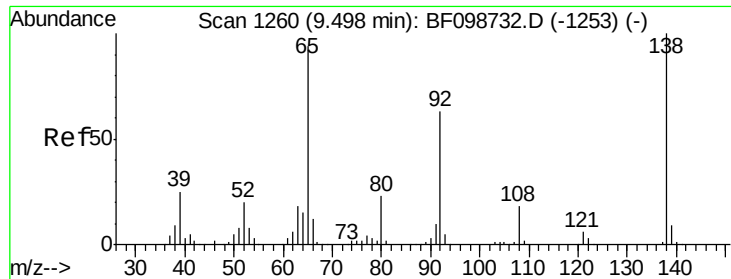
127 37.7 33.9 50.9

164 32.5 26.5 39.7



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

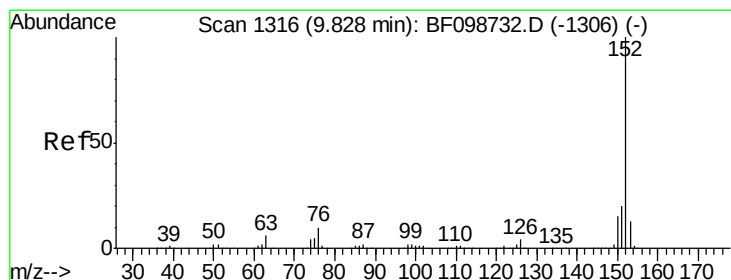
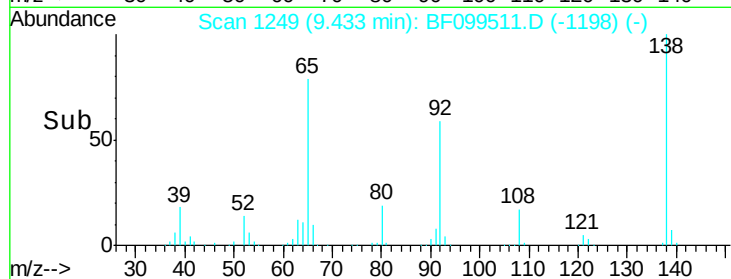
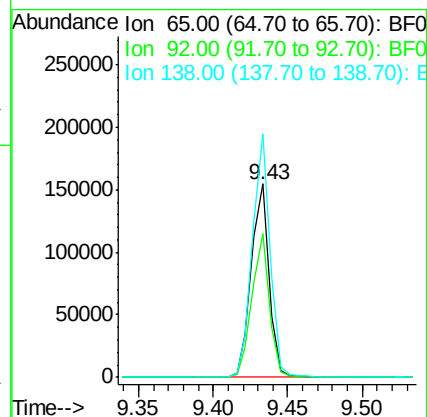
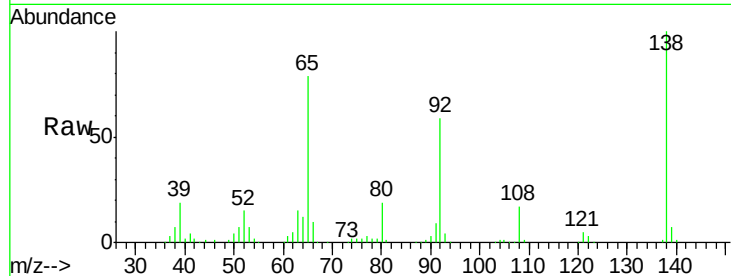




#47
2-Nitroaniline
Concen: 41.18 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

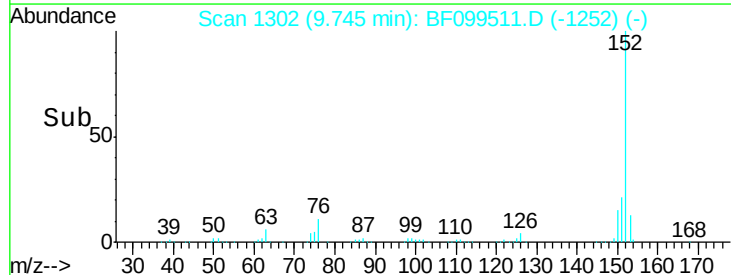
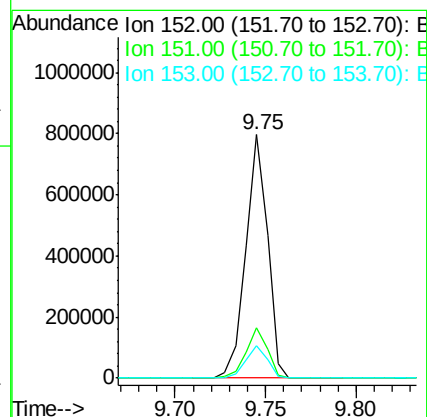
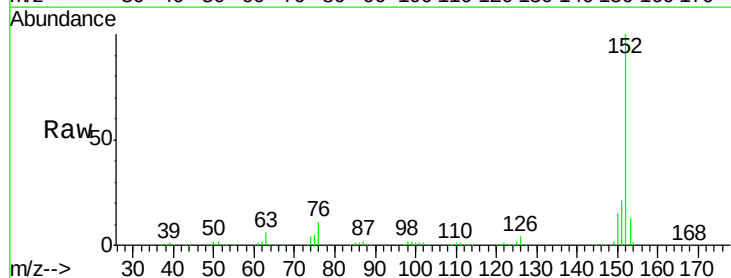
Instrument :
BNA_F
ClientSampled :

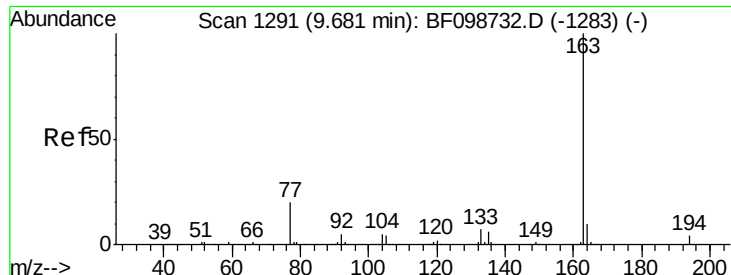
Tot Ion: 65 Resp: 128588
Ion Ratio Lower Upper
65 100
92 74.2 55.8 83.6
138 126.1 91.2 136.8



#48
Acenaphthylene
Concen: 42.48 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion: 152 Resp: 663188
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.3 10.7 16.1

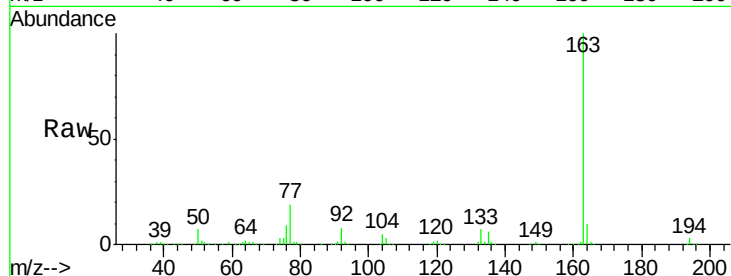




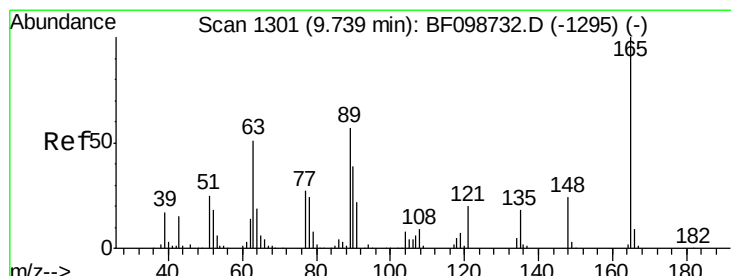
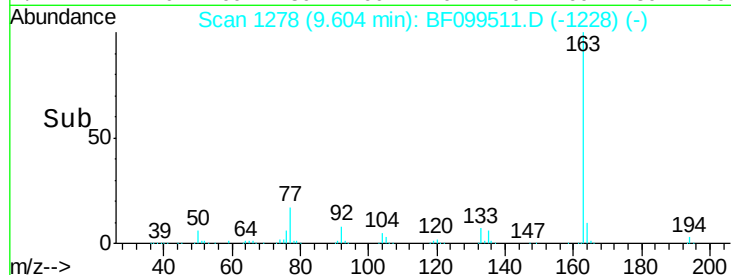
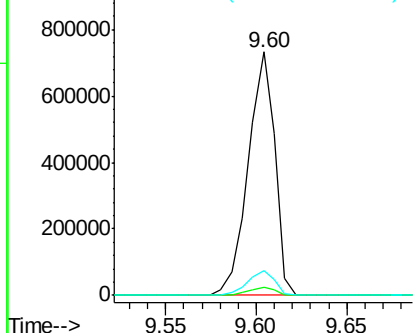
#49
Dimethylphthalate
Concen: 62.71 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 748034
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

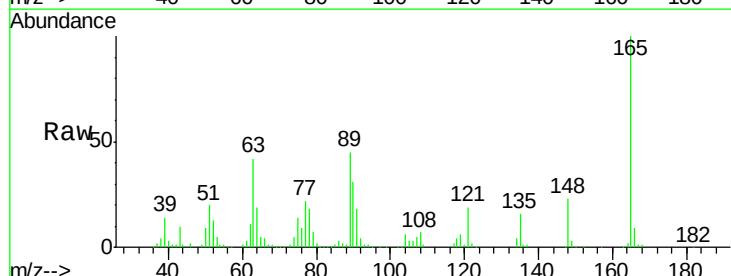


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

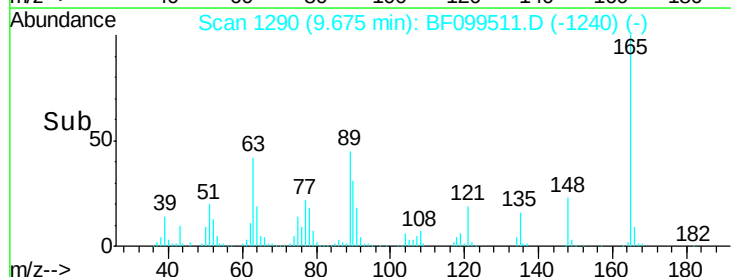
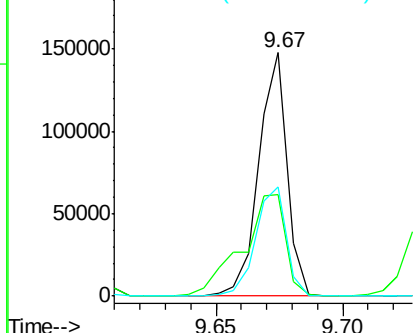


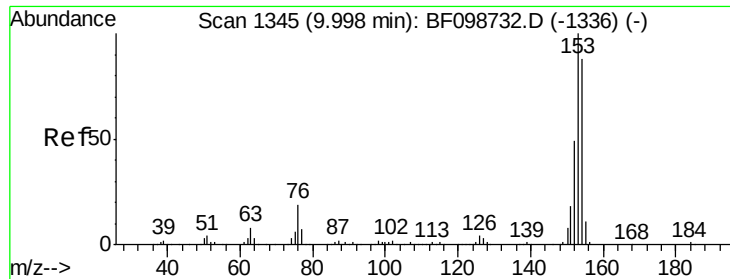
#50
2,6-Dinitrotoluene
Concen: 44.10 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion:165 Resp: 114513
Ion Ratio Lower Upper
165 100
63 41.9 44.7 67.1#
89 45.0 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: 39.61 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

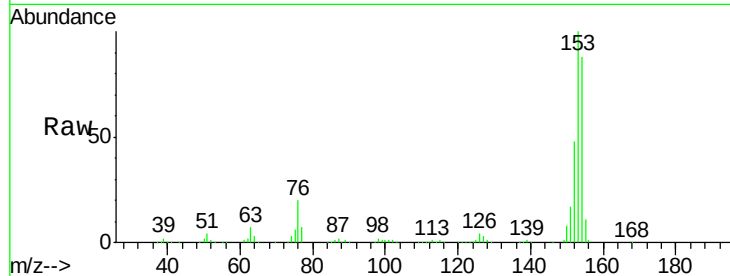
Tot Ion:154 Resp: 391739

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

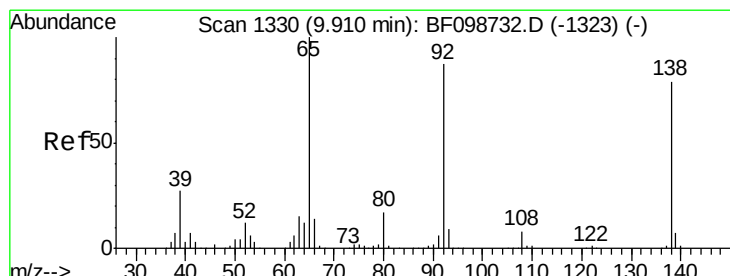
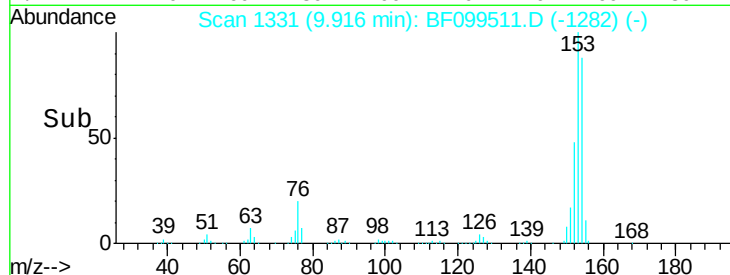
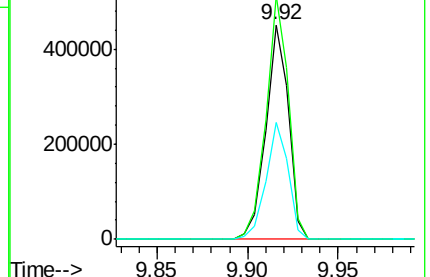
152 54.5 43.8 65.8



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: 36.74 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

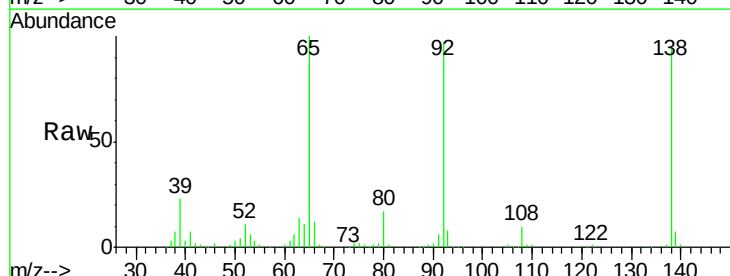
Tgt Ion:138 Resp: 111251

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

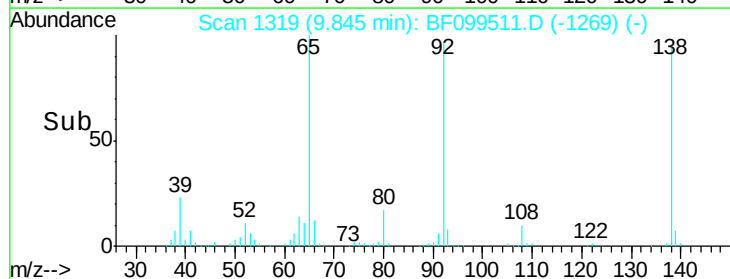
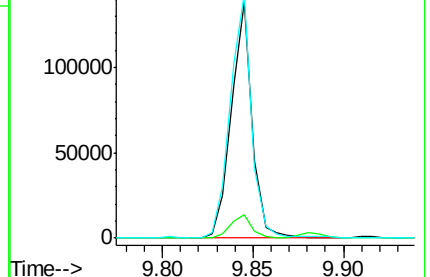
92 103.4 89.4 134.2

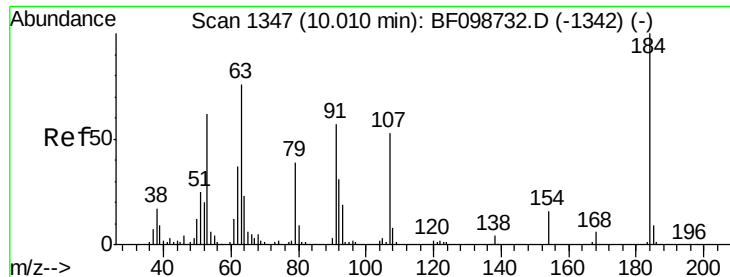


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

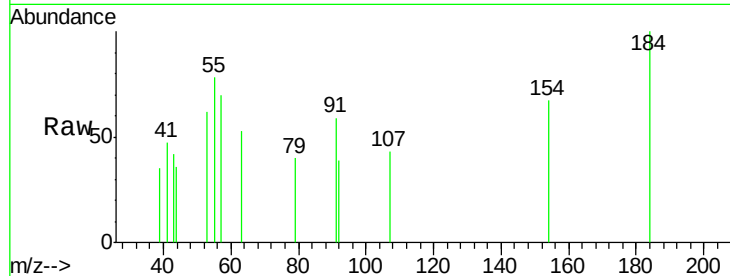




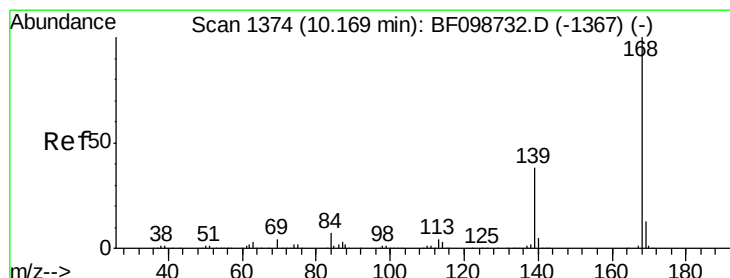
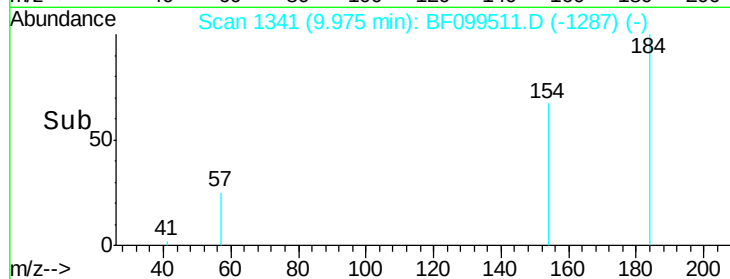
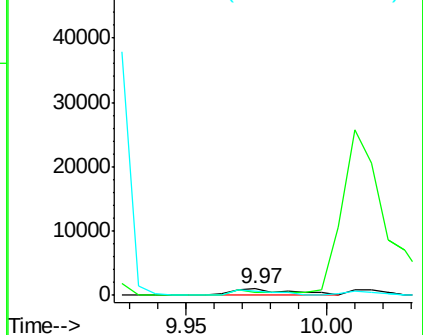
#53
2,4-Dinitrophenol
Concen: 6.86 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 1498
Ion Ratio Lower Upper
184 100
63 53.4 54.2 81.2#
154 67.0 53.5 80.3

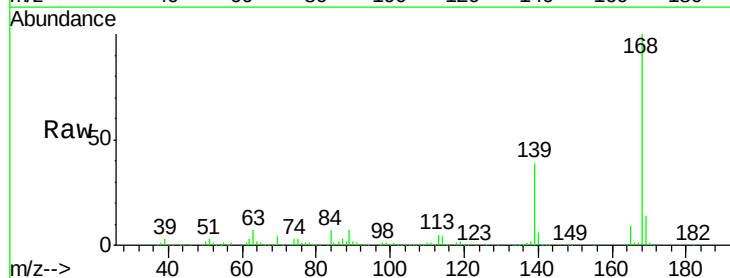


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

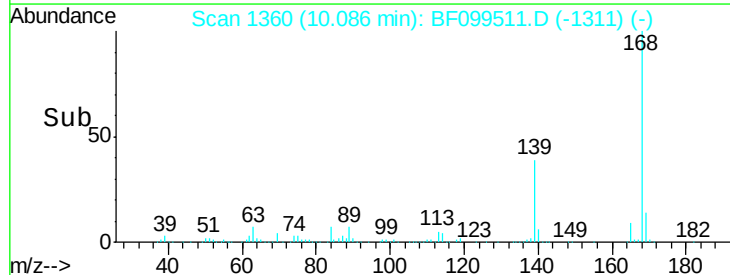
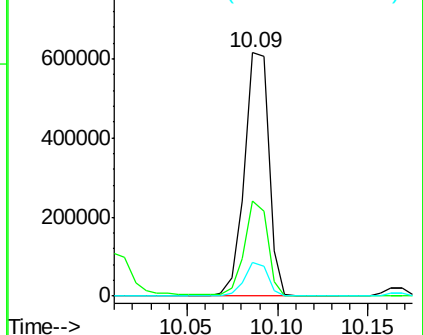


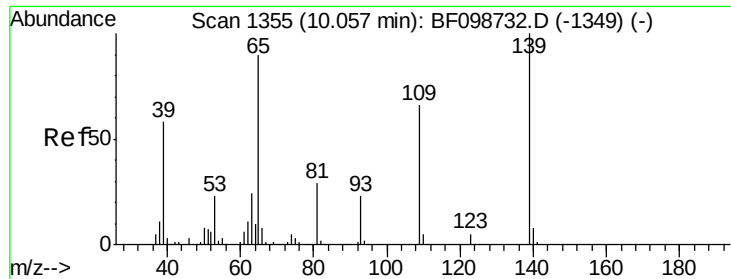
#54
Dibenzofuran
Concen: 43.93 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion:168 Resp: 578402
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 13.7 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

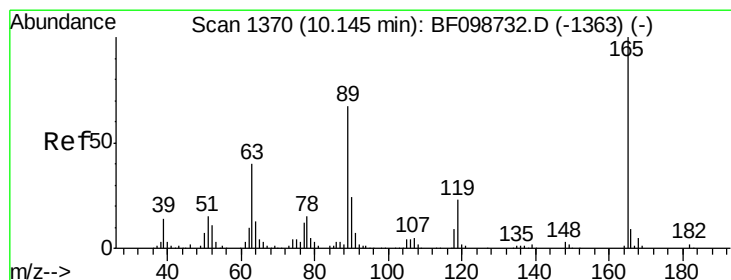
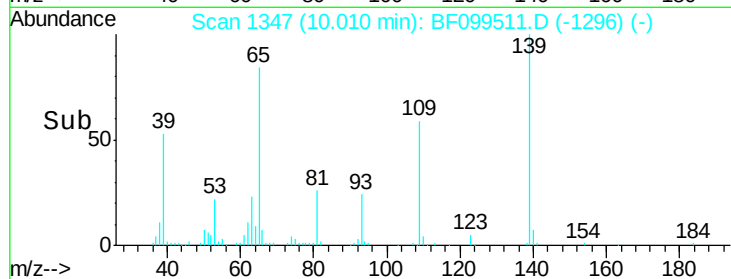
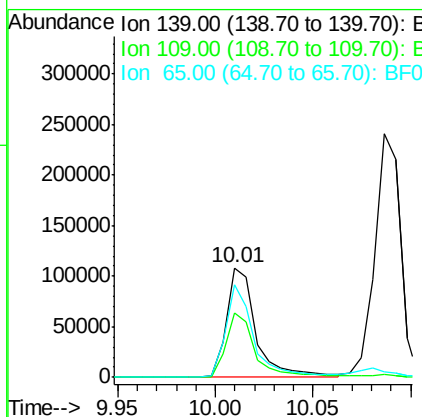
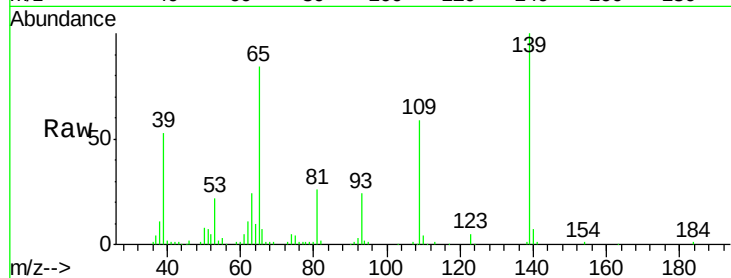




#55
4-Nitrophenol
Concen: 44.33 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

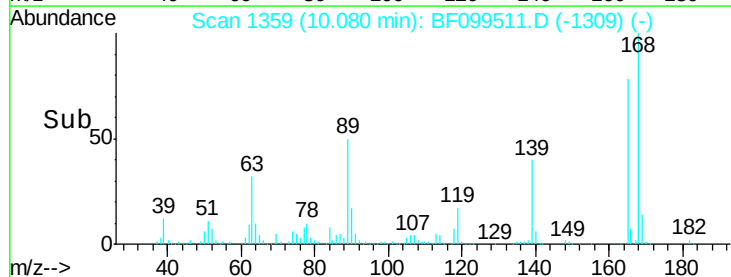
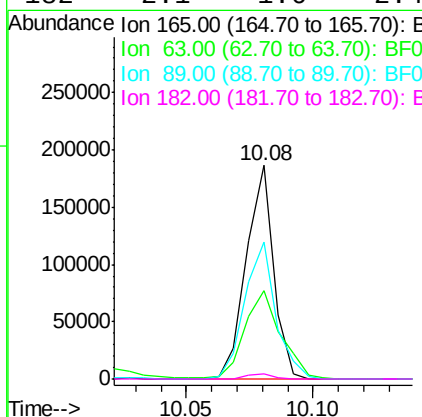
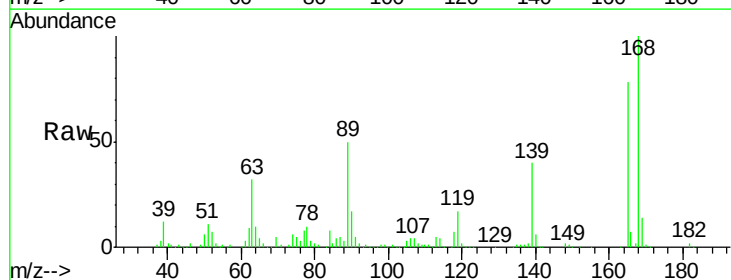
Instrument :
BNA_F
ClientSampled :

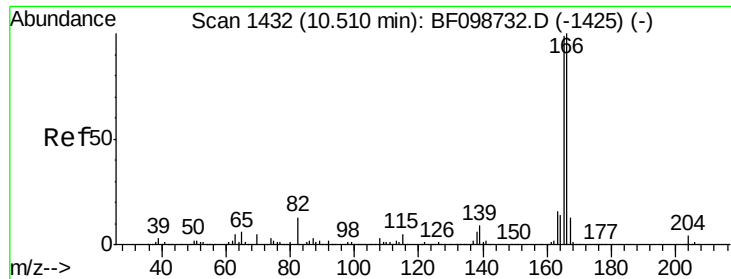
Tot Ion:139 Resp: 113507
Ion Ratio Lower Upper
139 100
109 59.4 48.4 88.4
65 84.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.59 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion:165 Resp: 140166
Ion Ratio Lower Upper
165 100
63 41.6 36.4 54.6
89 64.0 57.8 86.6
182 2.1 1.6 2.4

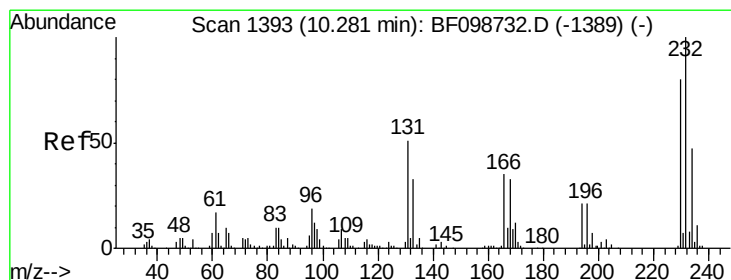
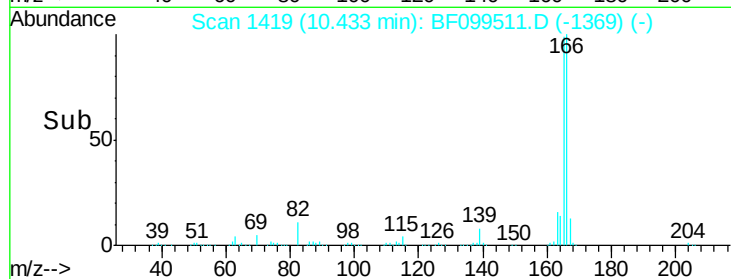
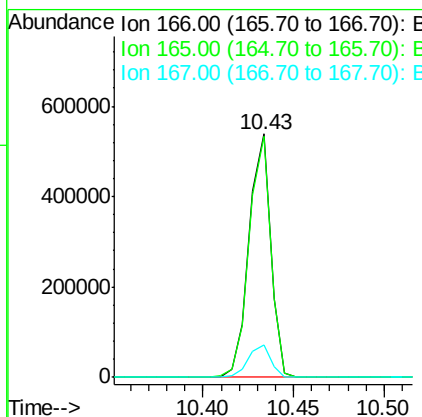
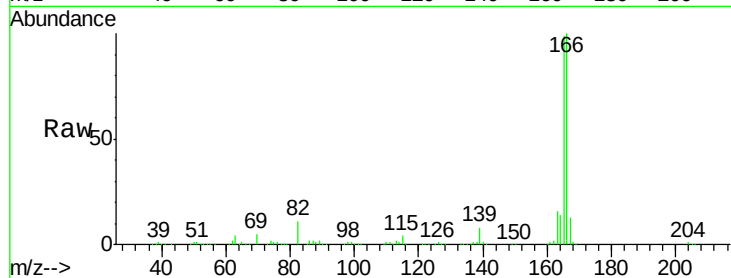




#57
 Fluorene
 Concen: 42.47 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

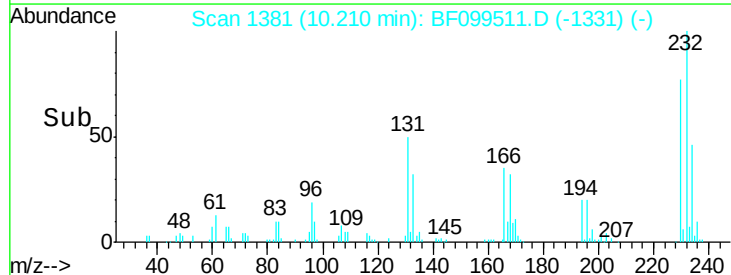
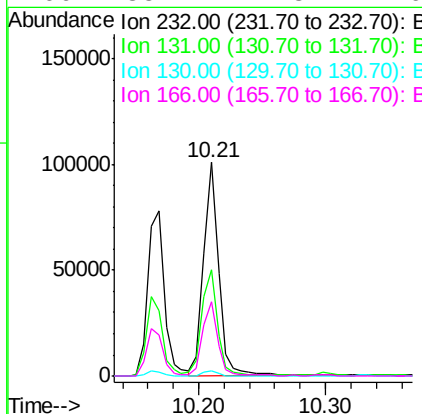
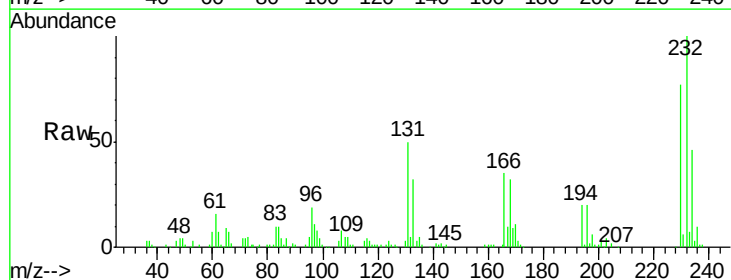
Instrument :
 BNA_F
 ClientSampleId :

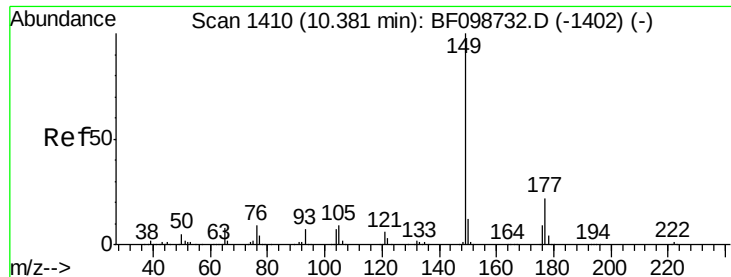
Tot Ion:166 Resp: 449524
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.57 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion:232 Resp: 84205
 Ion Ratio Lower Upper
 232 100
 131 50.8 43.8 65.8
 130 2.6 2.1 3.1
 166 35.2 27.8 41.6

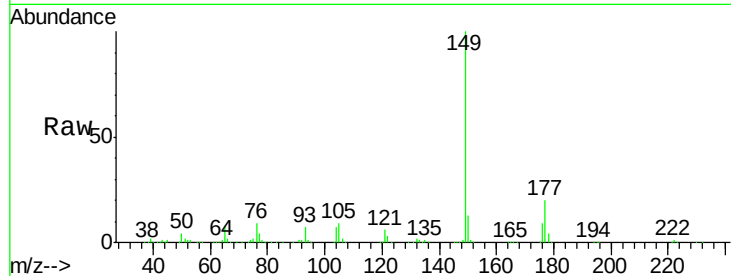




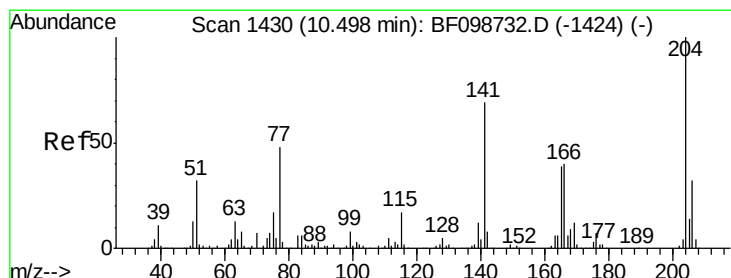
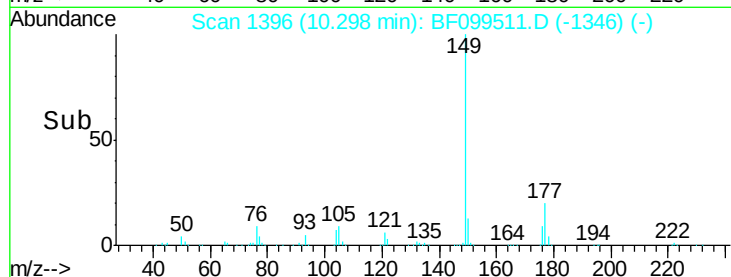
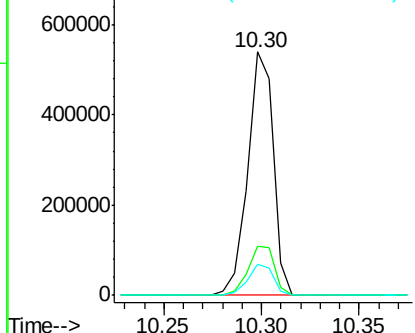
#59
Diethylphthalate
Concen: 42.00 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 489488
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.6 10.1 15.1

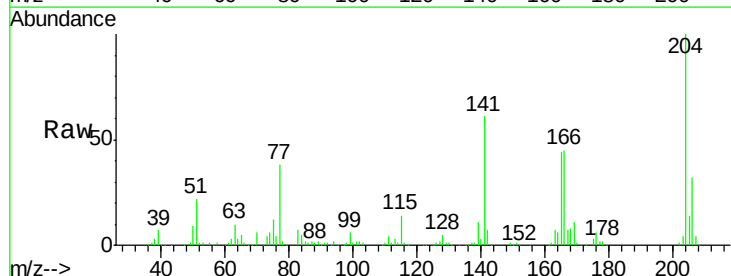


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

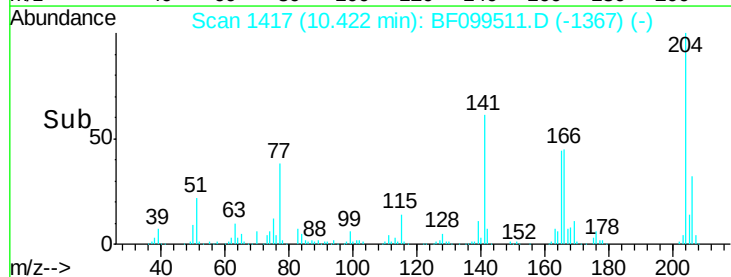
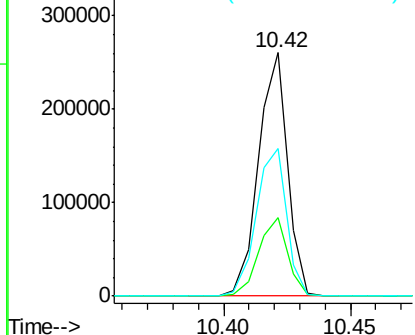


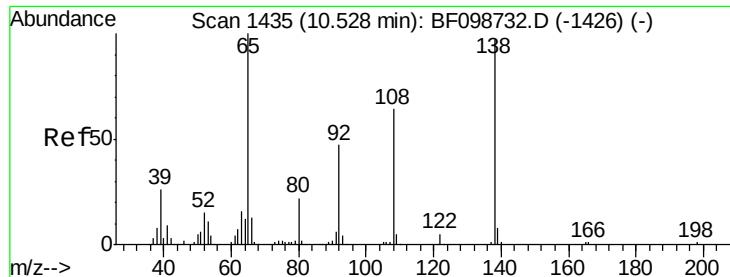
#60
4-Chlorophenyl-phenylether
Concen: 43.94 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion:204 Resp: 208881
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 60.5 54.6 81.8



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

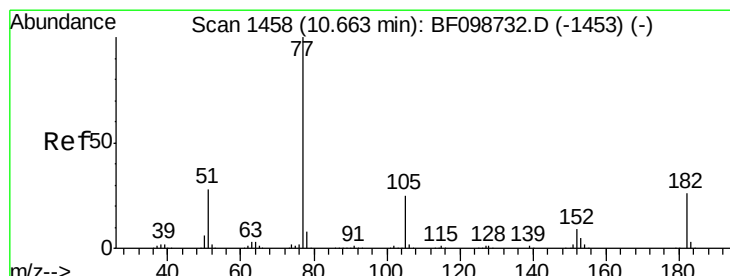
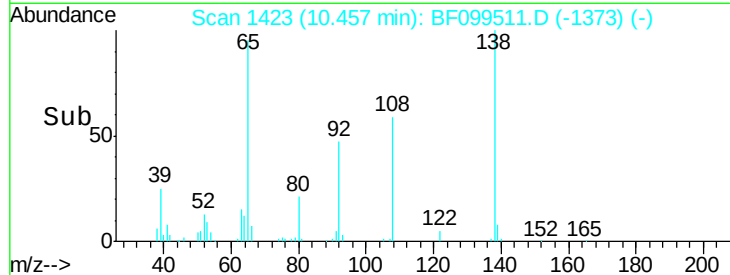
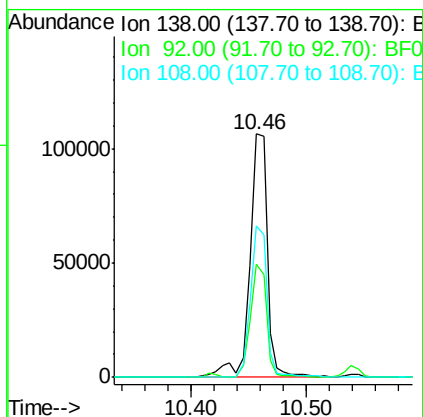
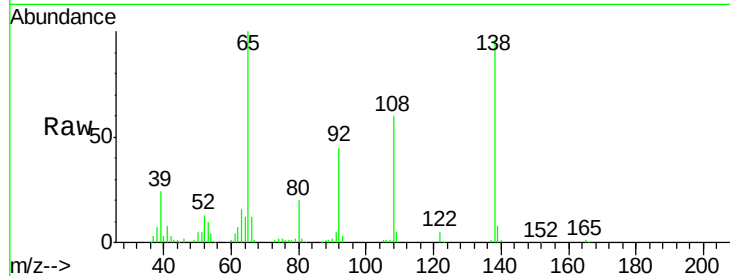




#61
 4-Nitroaniline
 Concen: 38.52 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

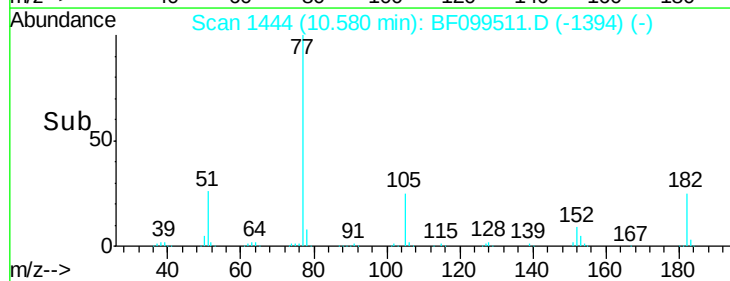
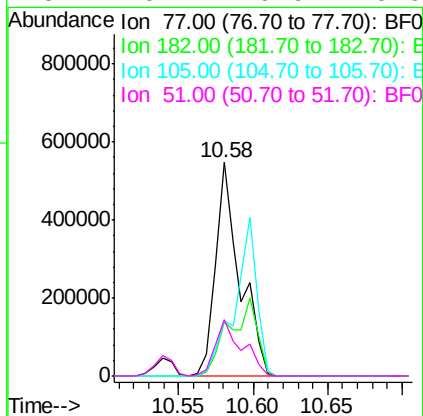
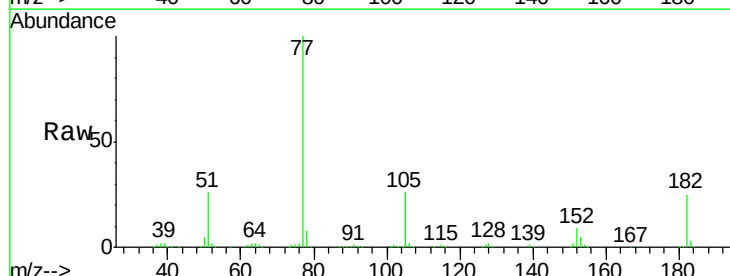
Instrument :
 BNA_F
 ClientSampleId :

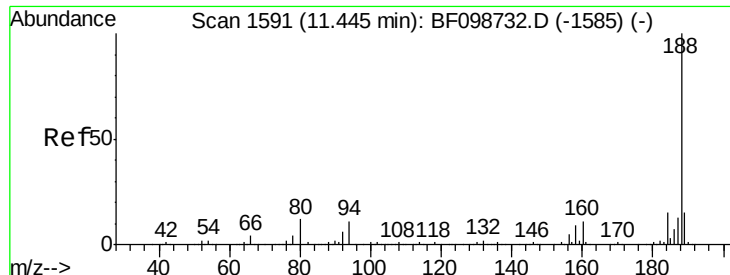
Tot Ion:138 Resp: 112536
 Ion Ratio Lower Upper
 138 100
 92 46.6 30.2 70.2
 108 62.2 52.5 92.5



#62
 Azobenzene
 Concen: 58.05 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion: 77 Resp: 622156
 Ion Ratio Lower Upper
 77 100
 182 24.9 1.7 41.7
 105 25.8 3.0 43.0
 51 26.4 9.9 49.9

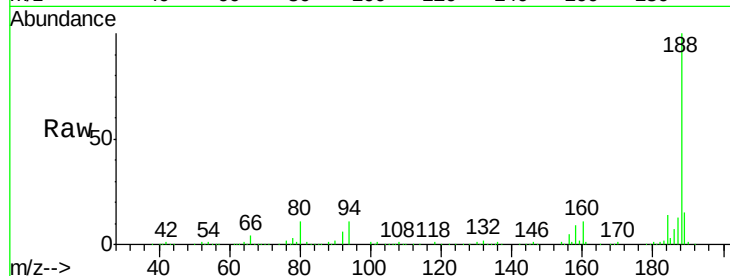




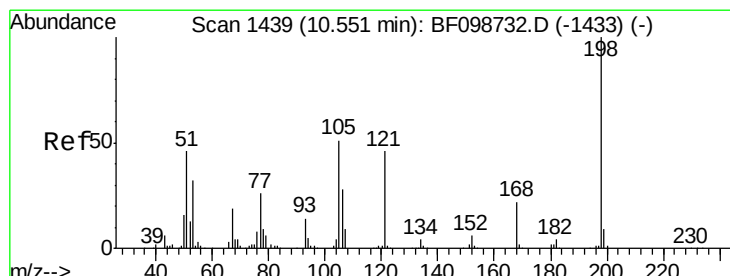
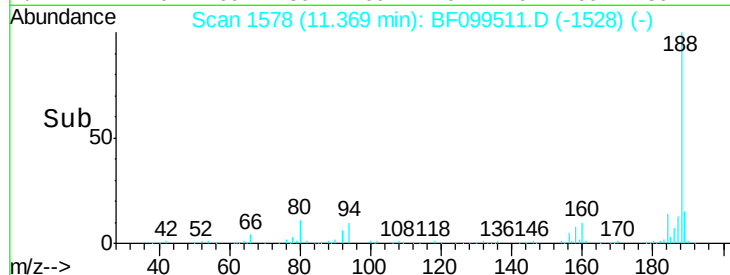
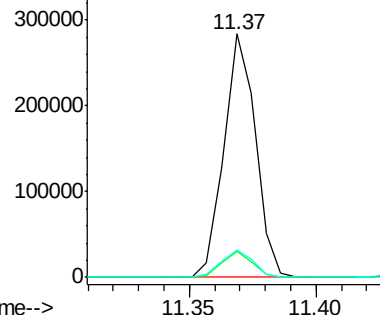
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.2	13.8

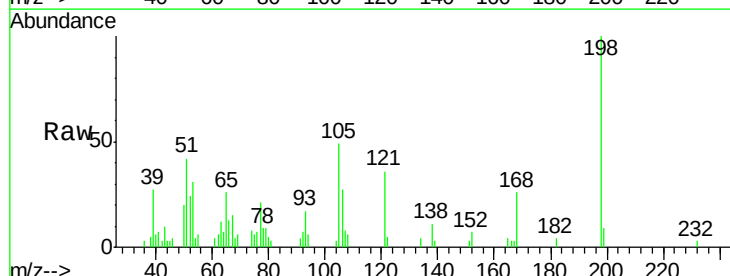


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

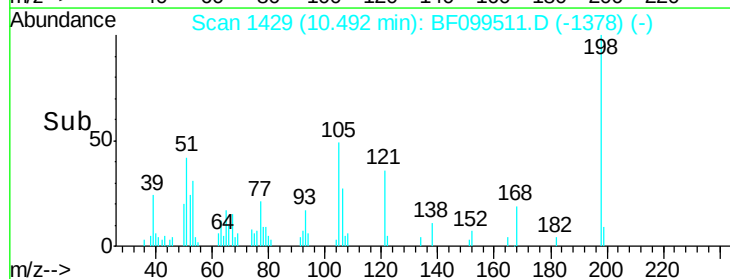
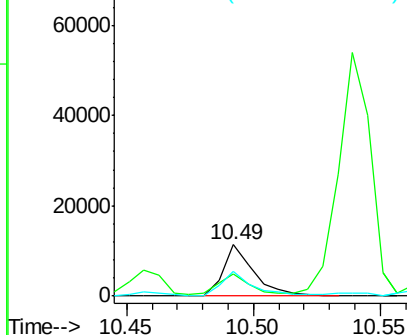


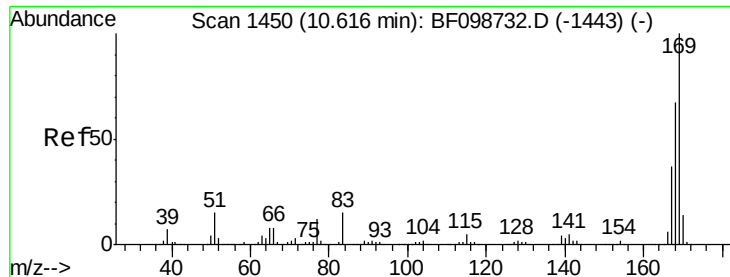
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.32 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.5	37.7	77.7
105	49.3	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

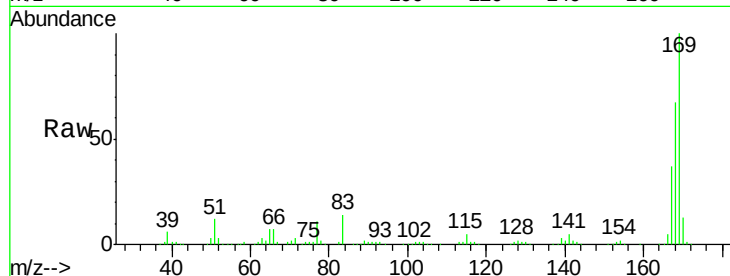




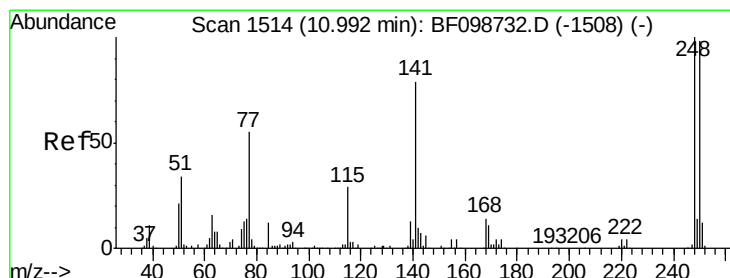
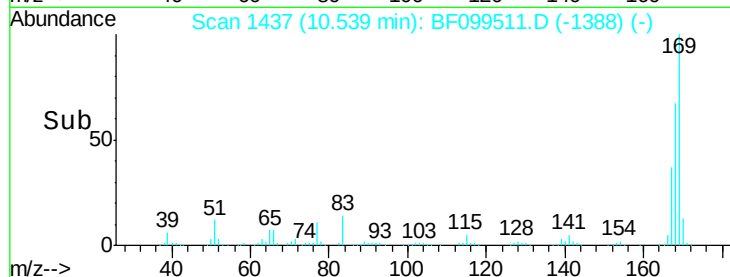
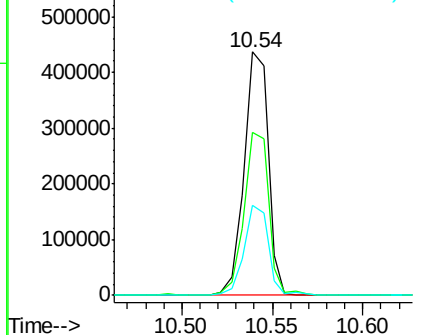
#65
 n-Nitrosodiphenylamine
 Concen: 47.28 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 405278
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.4 81.6
 167 37.2 29.8 44.6

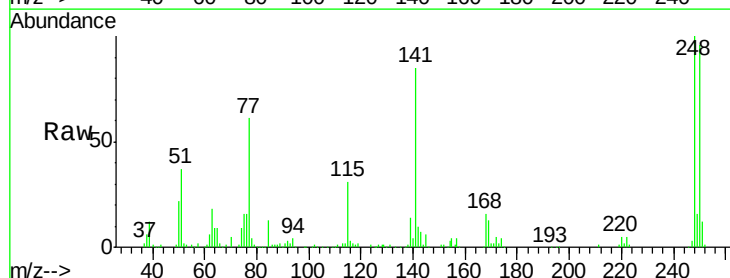


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

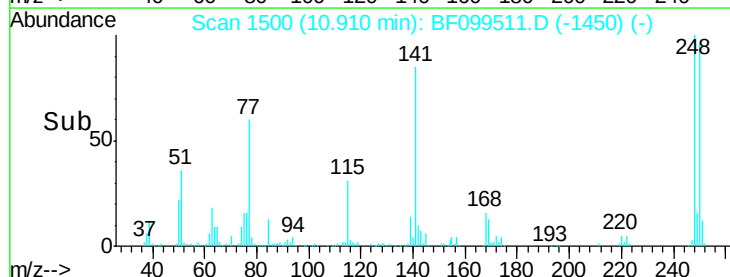
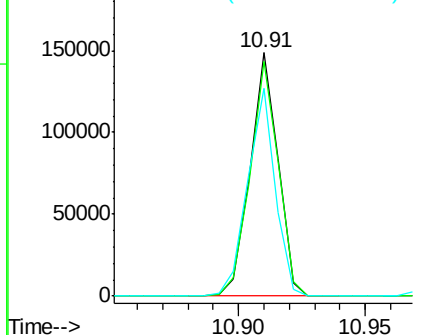


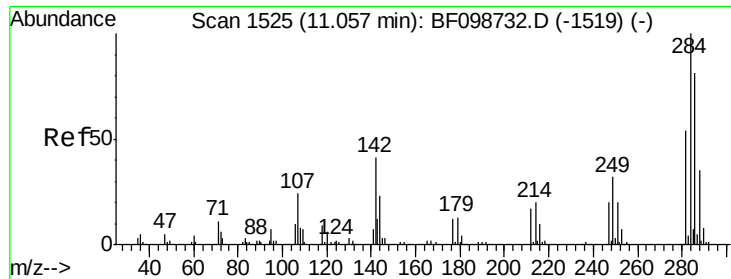
#66
 4-Bromophenyl-phenylether
 Concen: 47.07 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion:248 Resp: 114004
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 85.4 74.4 111.6



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

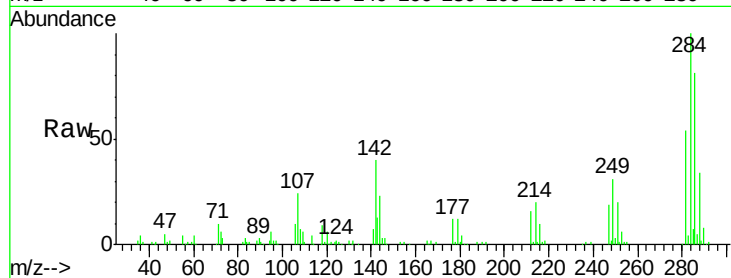




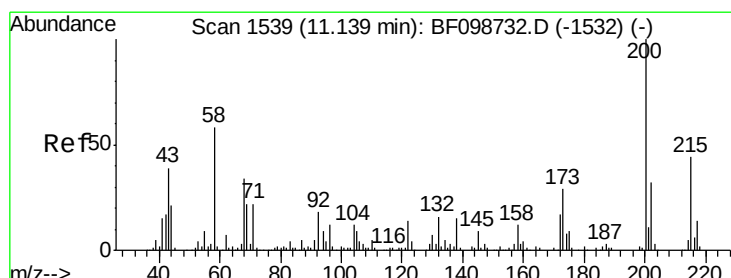
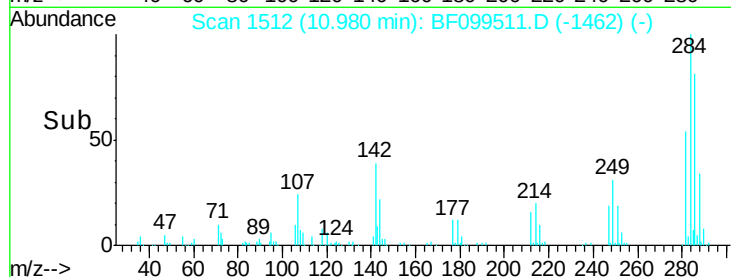
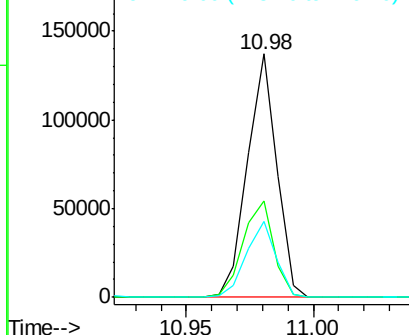
#67
Hexachlorobenzene
Concen: 42.87 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 110913
Ion Ratio Lower Upper
284 100
142 39.8 34.6 52.0
249 31.2 24.8 37.2

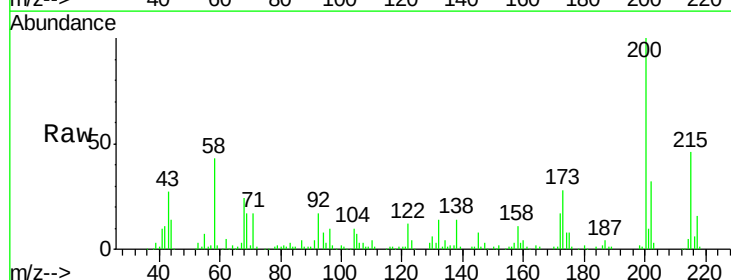


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

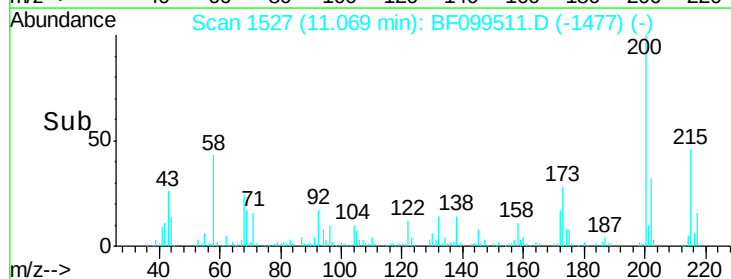
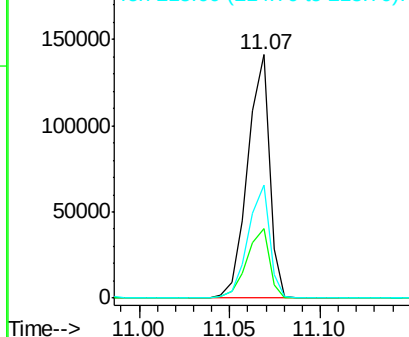


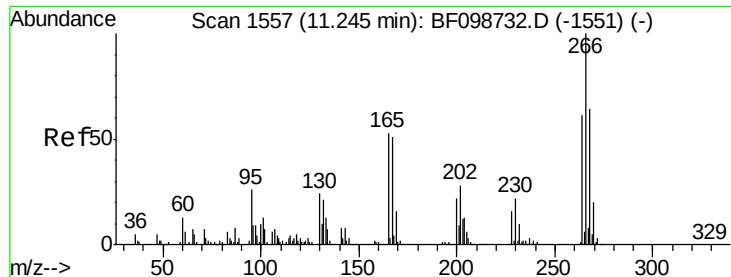
#68
Atrazine
Concen: 46.02 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion:200 Resp: 118694
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 46.3 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

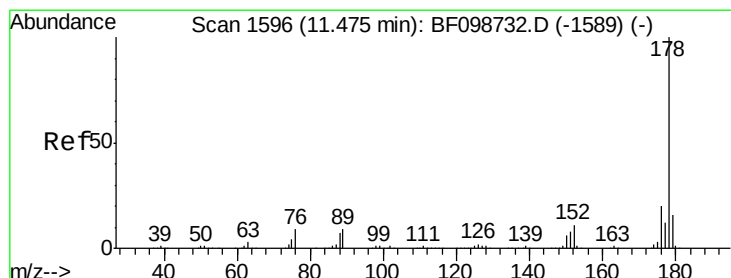
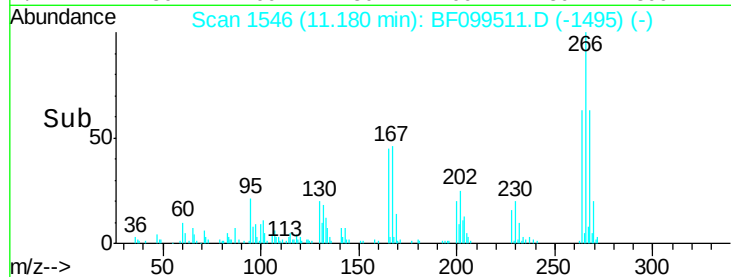
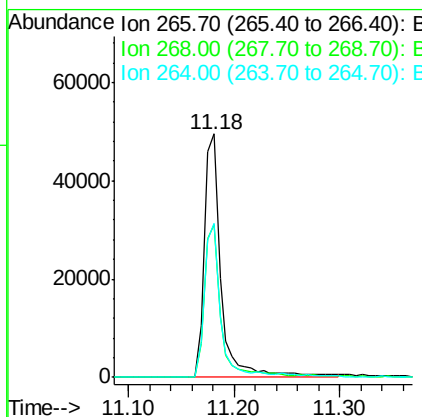
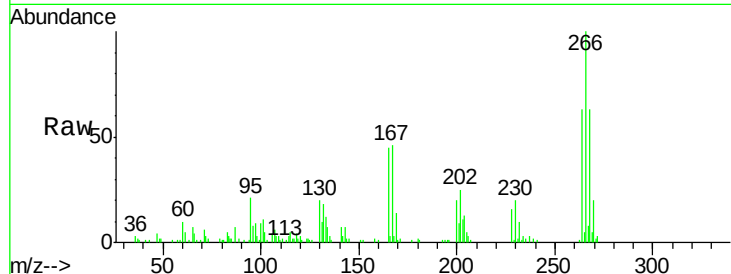




#69
 Pentachlorophenol
 Concen: 34.10 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

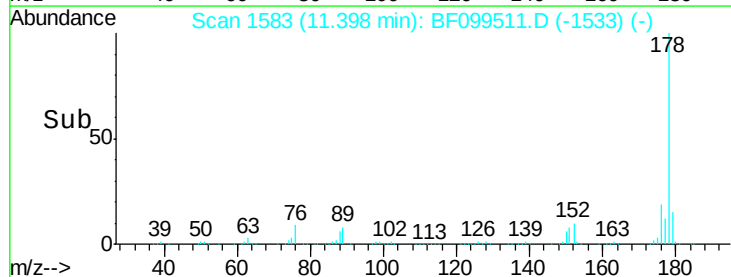
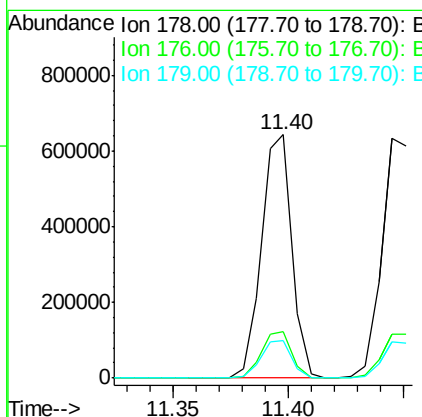
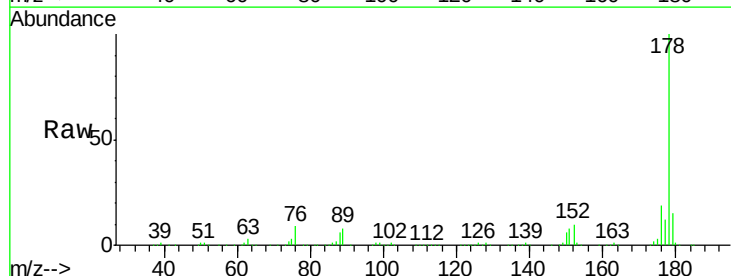
Instrument :
 BNA_F
 ClientSampleId :

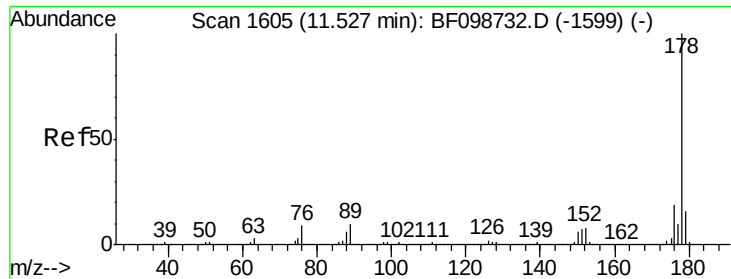
Tot Ion:266 Resp: 54906
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 63.2 49.5 74.3



#70
 Phenanthrene
 Concen: 44.57 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion:178 Resp: 590322
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.2 13.0 19.6

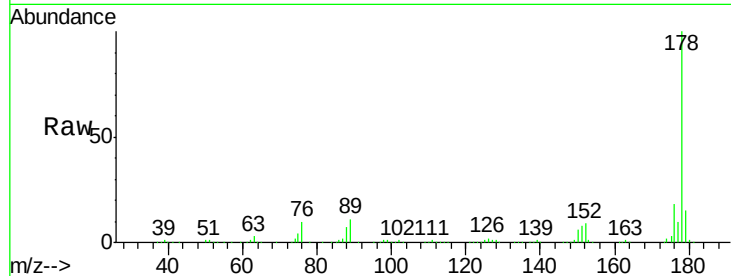




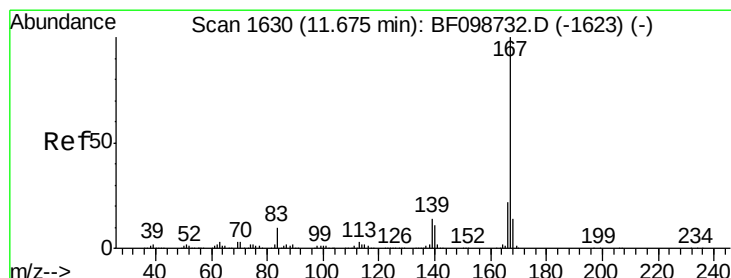
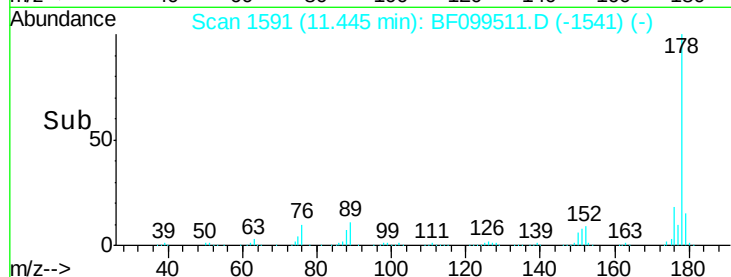
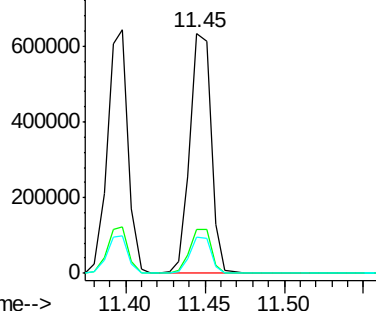
#71
 Anthracene
 Concen: 43.84 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 594116
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.4 12.6 19.0

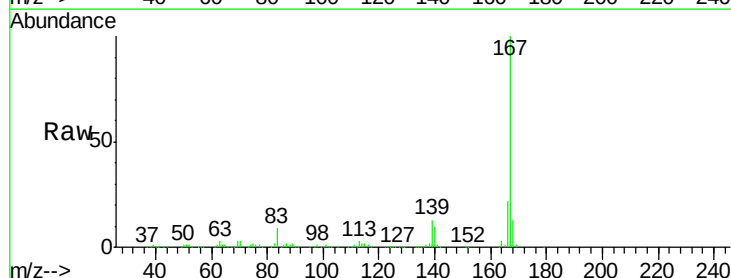


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

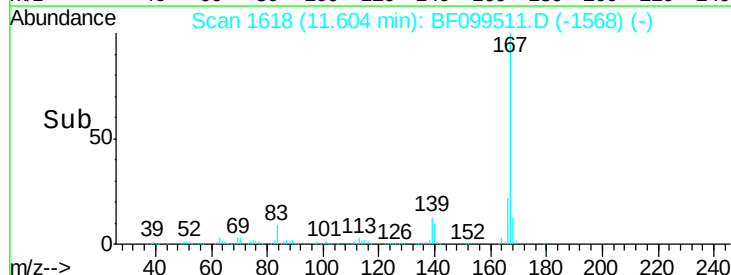
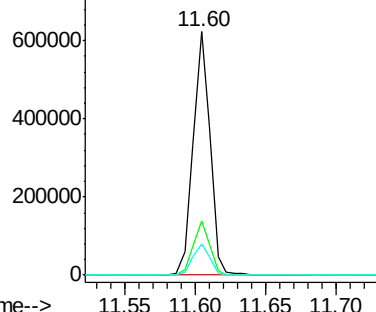


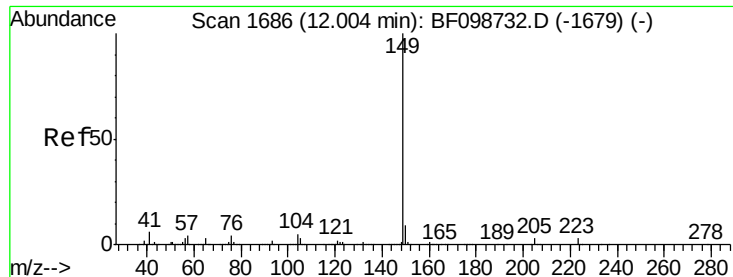
#72
 Carbazole
 Concen: 39.24 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion:167 Resp: 520738
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.0 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: 44.41 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

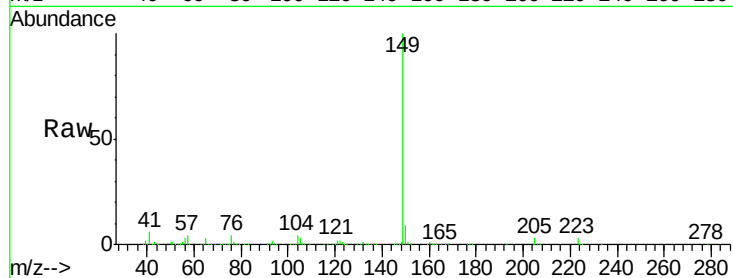
Tot Ion:149 Resp: 709521

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

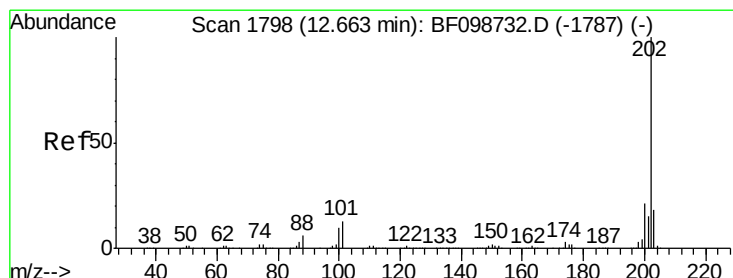
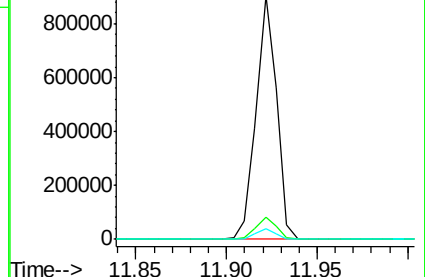
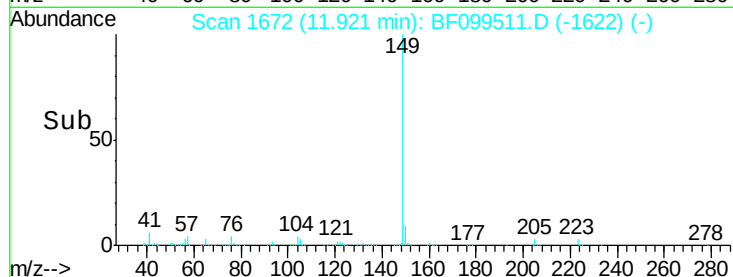
104 4.4 3.8 5.8



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: 38.09 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

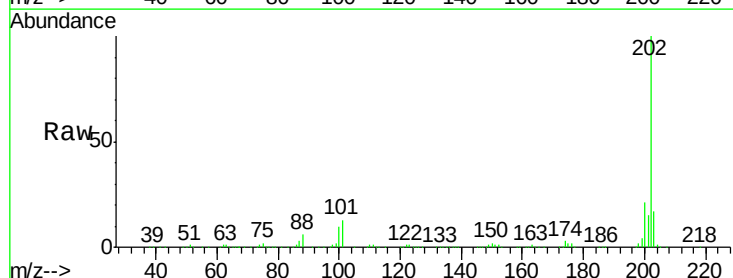
Tgt Ion:202 Resp: 510908

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

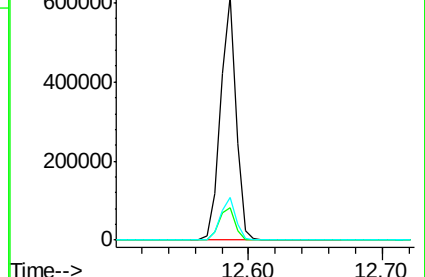
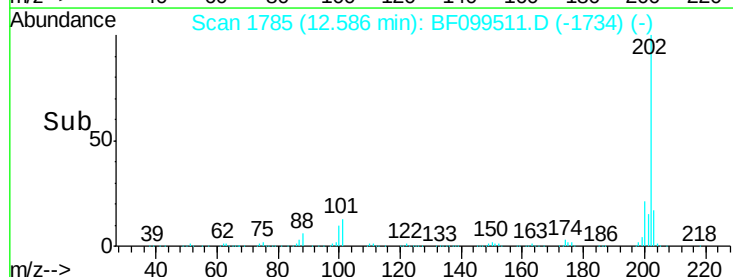
203 17.3 0.0 38.1

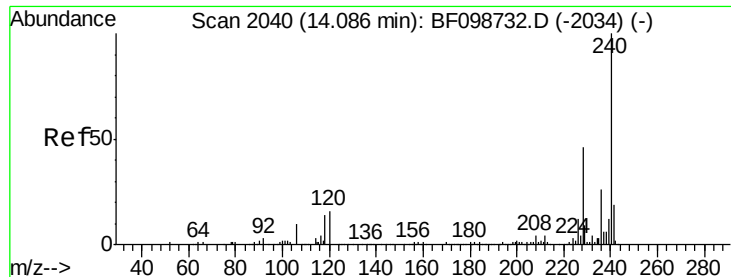


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

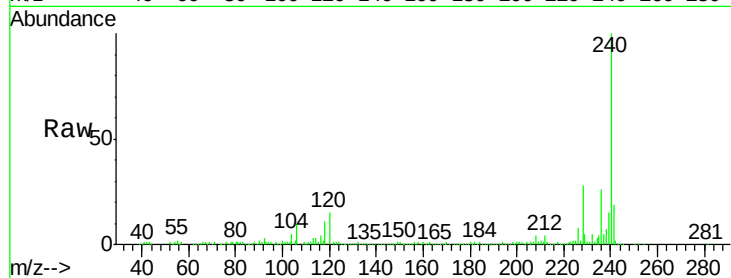
Tot Ion:240 Resp: 143815

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

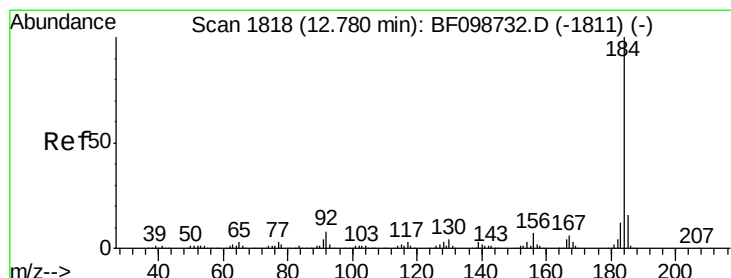
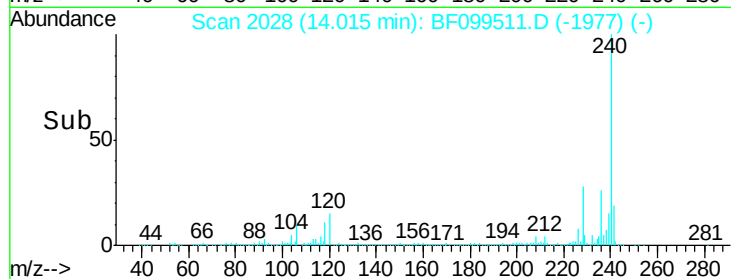
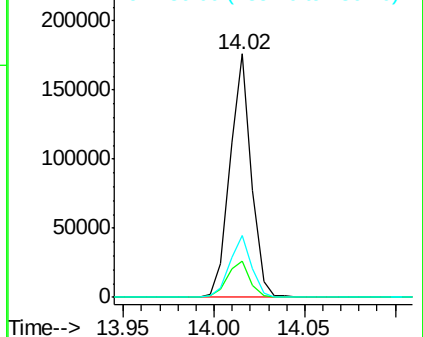
236 25.6 20.7 31.1



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: 36.47 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

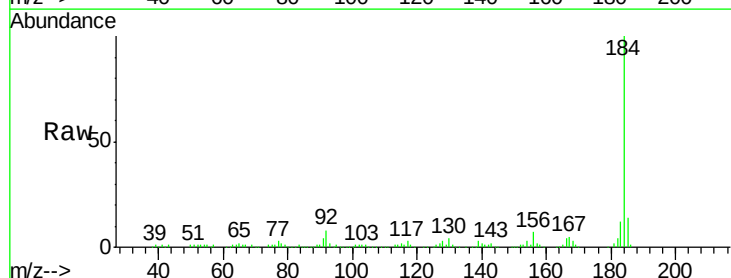
Tgt Ion:184 Resp: 194017

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

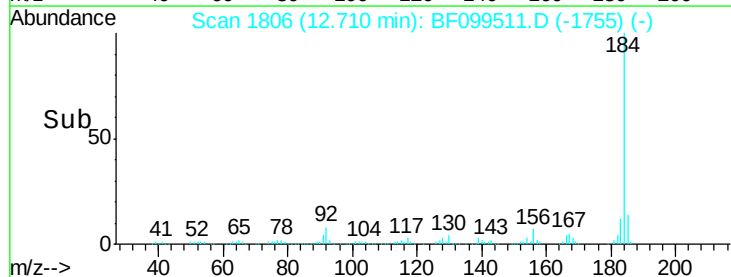
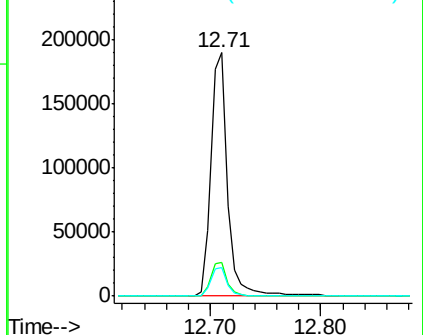
183 11.6 9.3 13.9

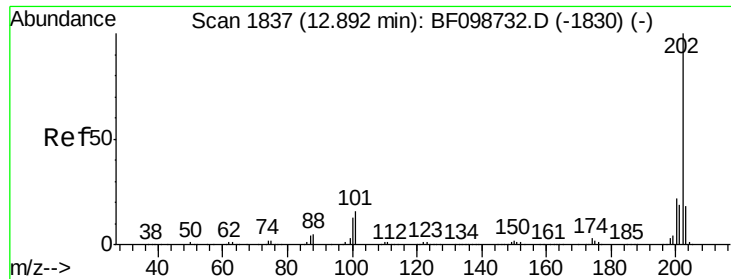


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.44 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

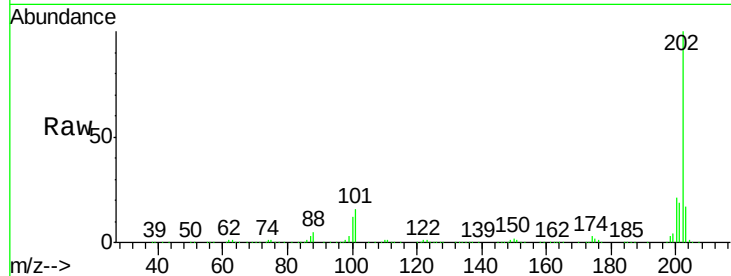
Tot Ion:202 Resp: 509287

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

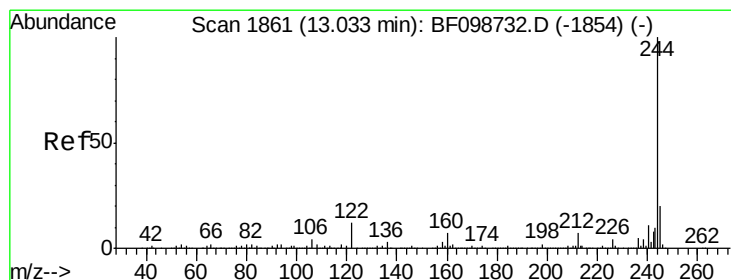
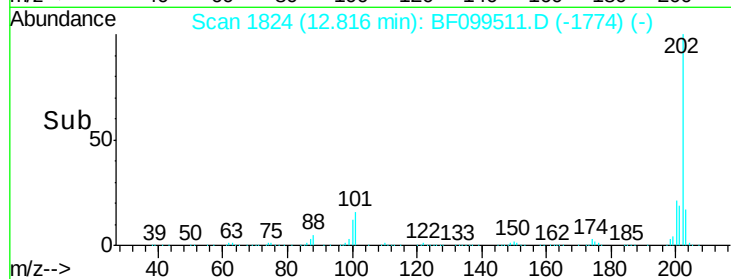
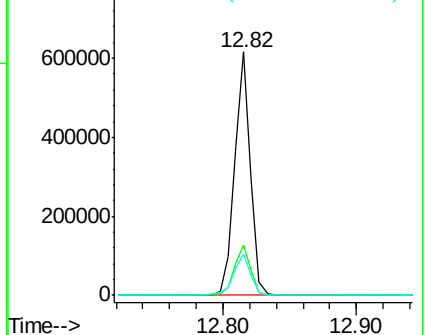
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.97 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

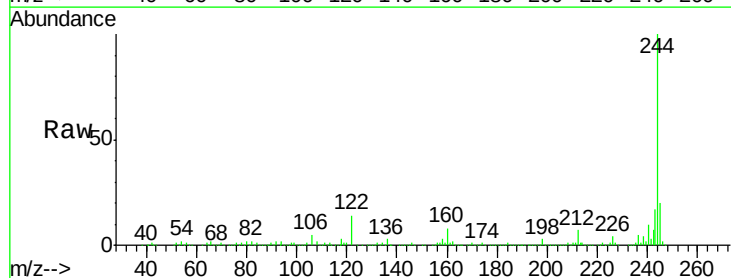
Tgt Ion:244 Resp: 606862

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

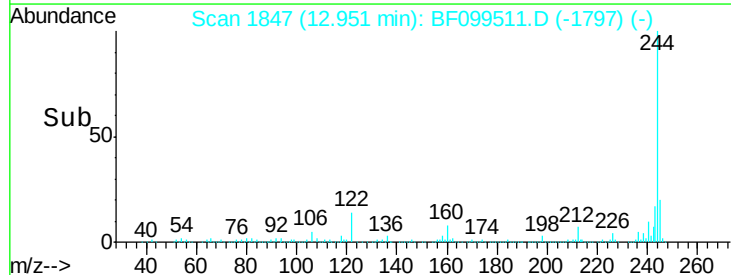
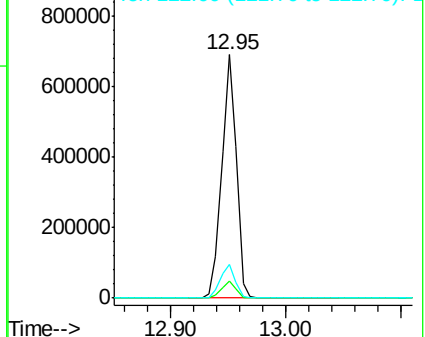
122 13.6 11.0 16.4

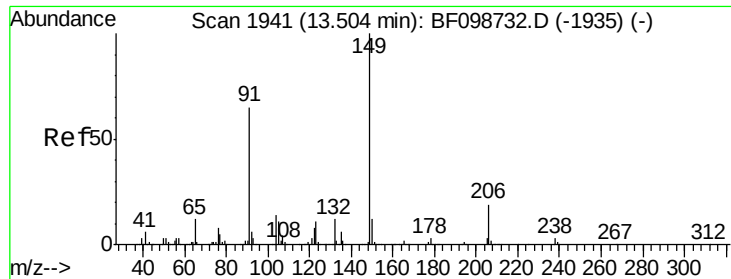


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

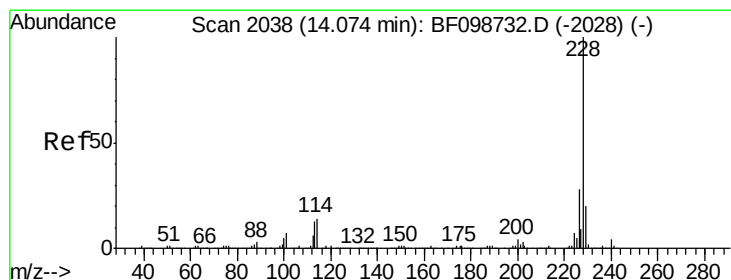
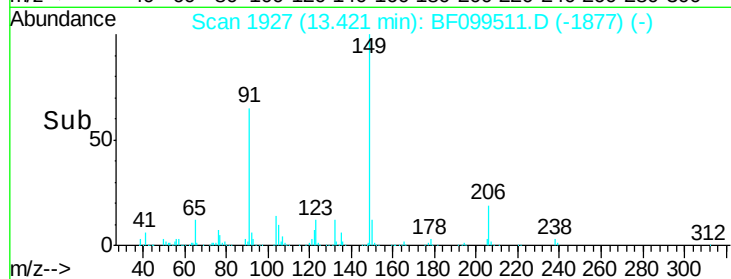
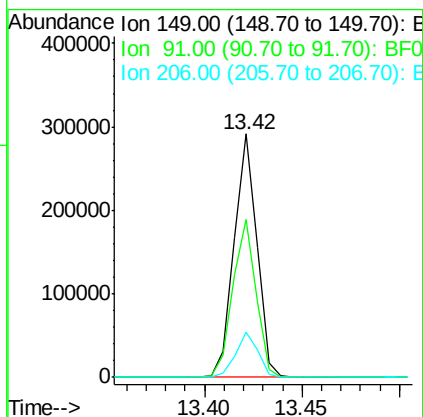
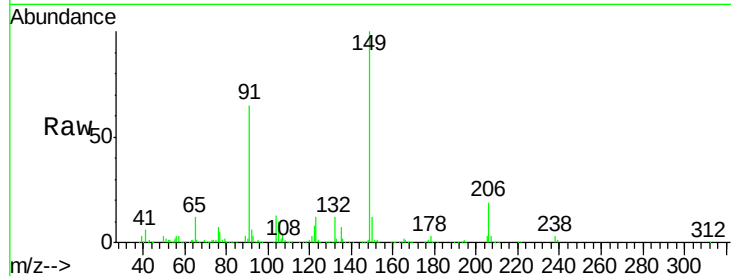




#79
Butylbenzylphthalate
Concen: 45.57 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

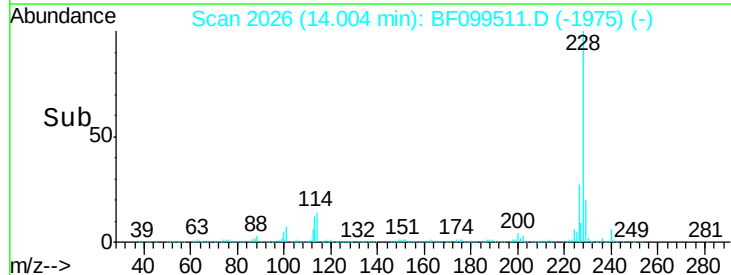
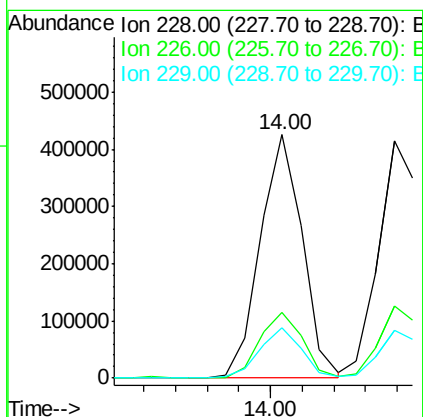
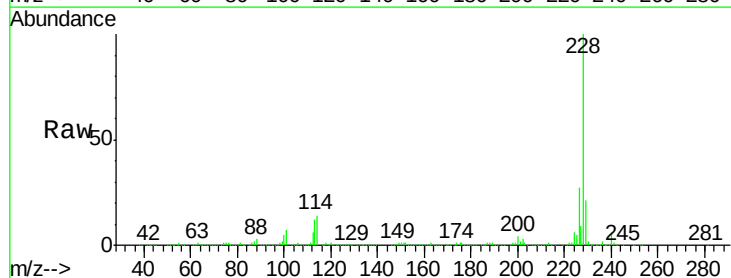
Instrument :
BNA_F
ClientSampleId :

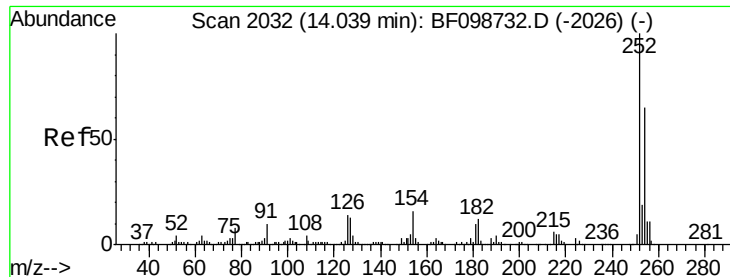
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.6	56.8	85.2
206	18.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 45.10 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	20.6	15.8	23.6

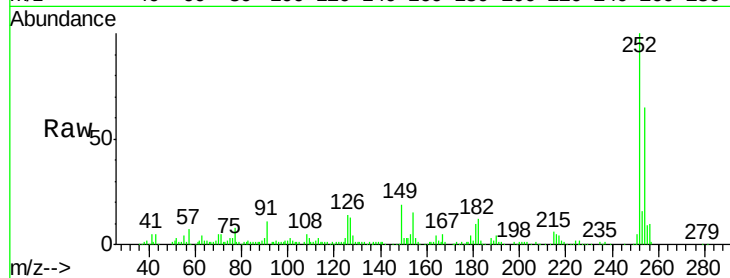




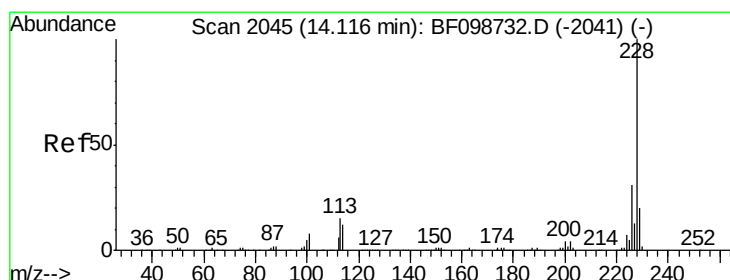
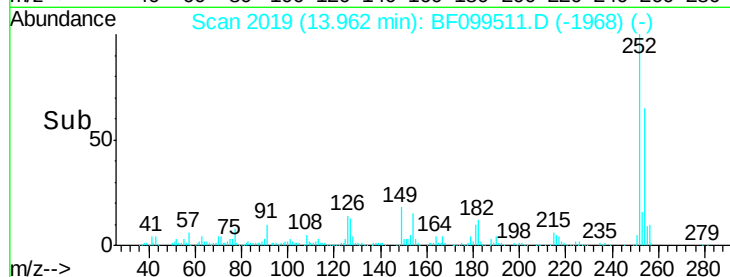
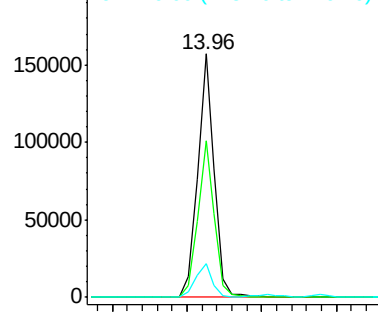
#81
 3,3'-Dichlorobenzidine
 Concen: 38.69 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	13.9	11.3	16.9

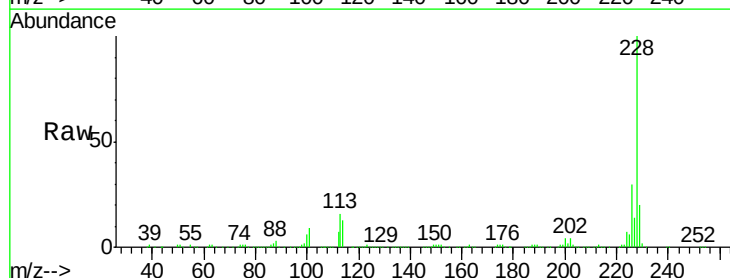


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

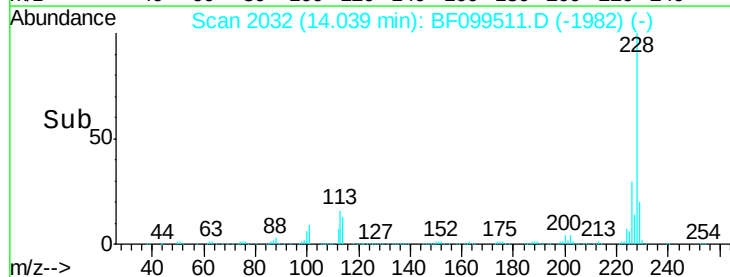
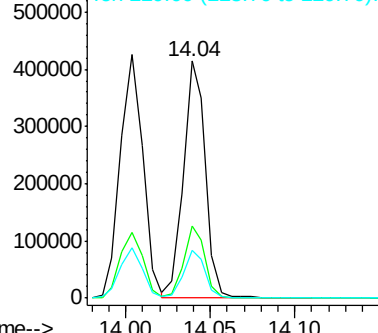


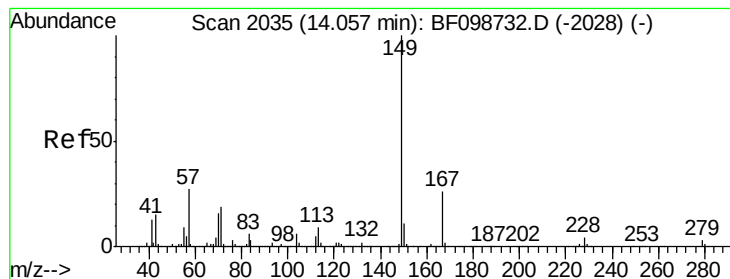
#82
 Chrysene
 Concen: 45.36 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.0	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.29 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

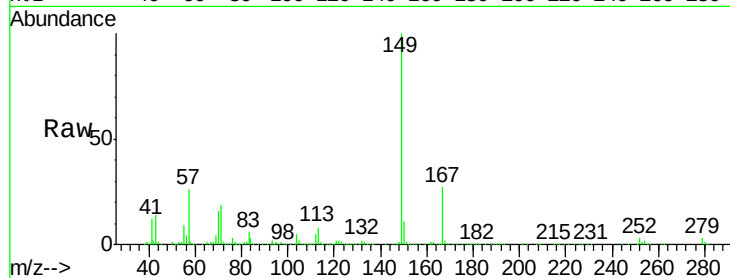
Tot Ion:149 Resp: 314322

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

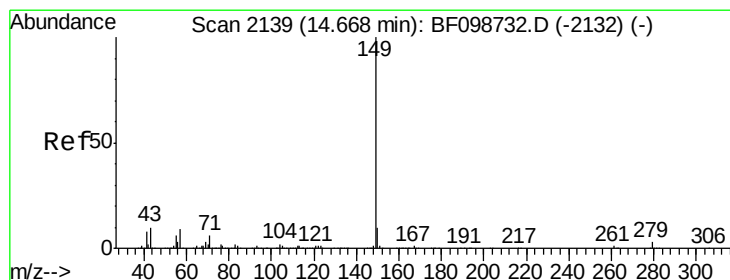
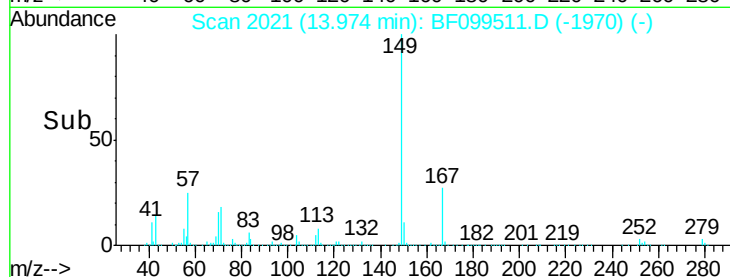
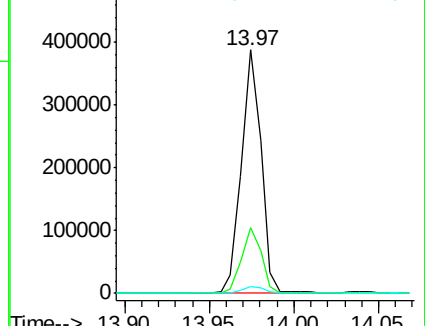
279 2.9 3.0 4.4#



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: 44.68 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

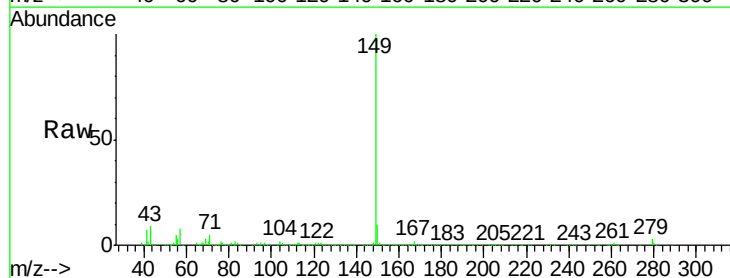
Tgt Ion:149 Resp: 510532

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

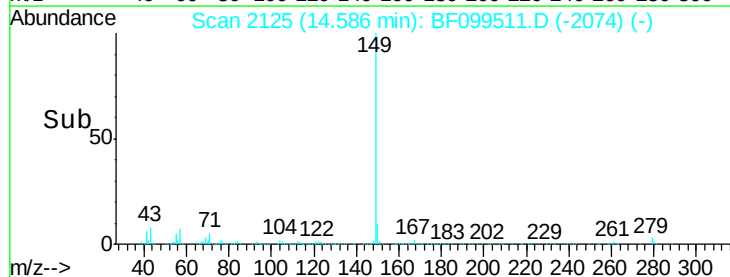
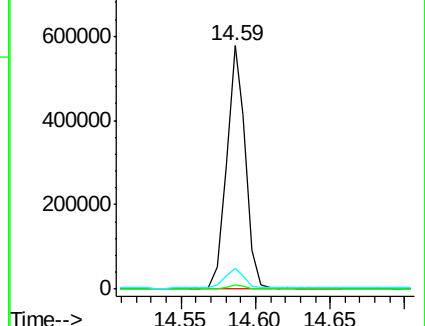
43 8.3 8.4 12.6#

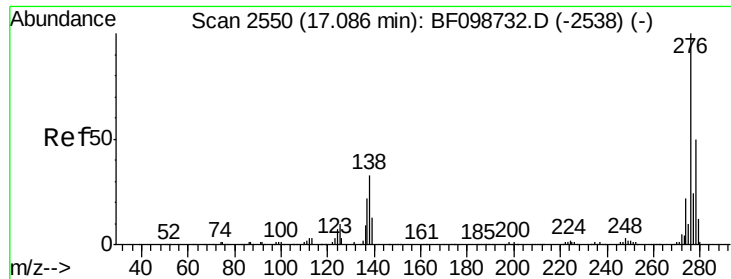


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

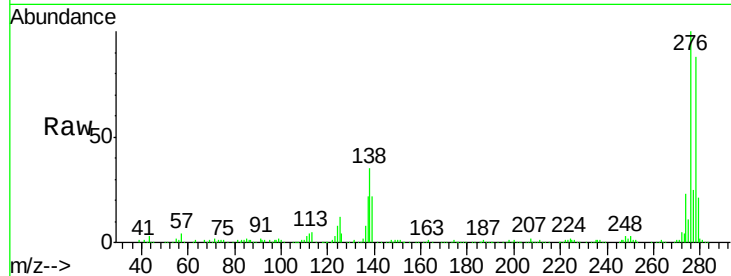




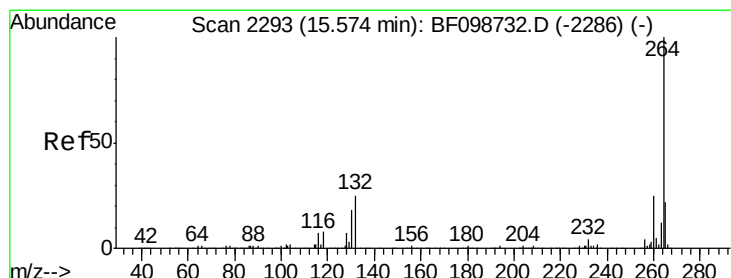
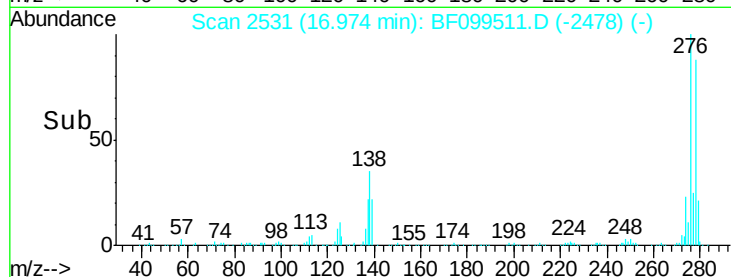
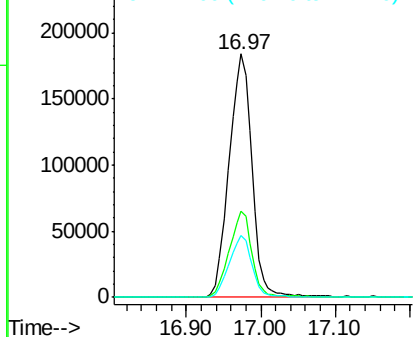
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.55 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.5	20.1	30.1

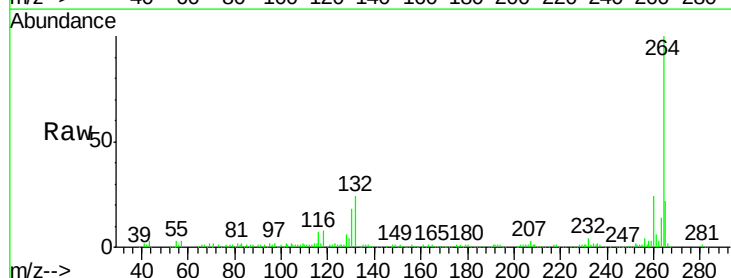


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

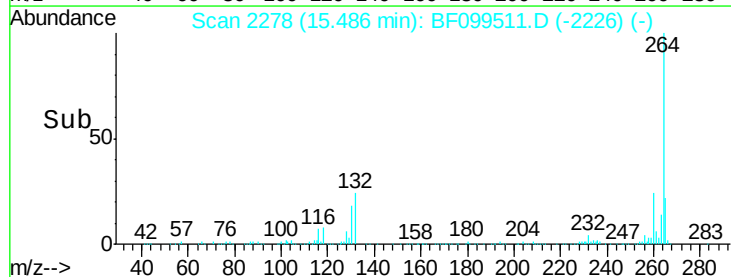
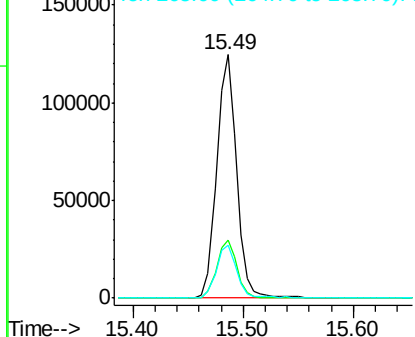


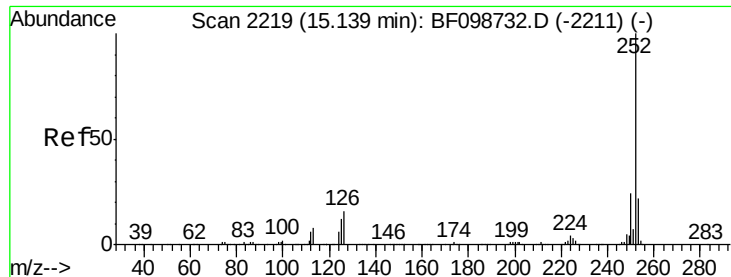
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	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

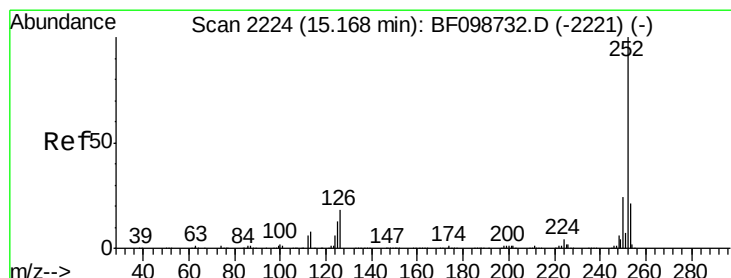
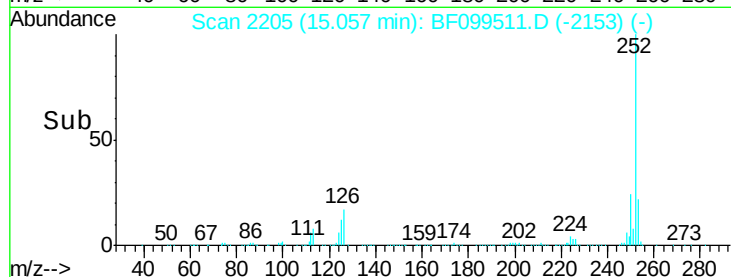
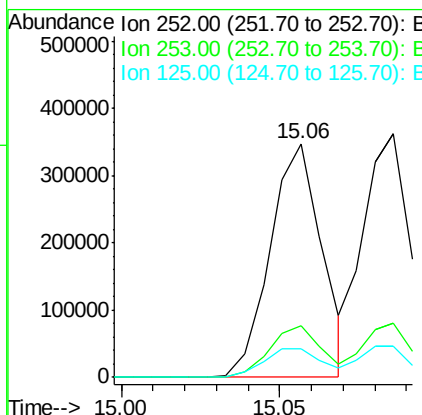
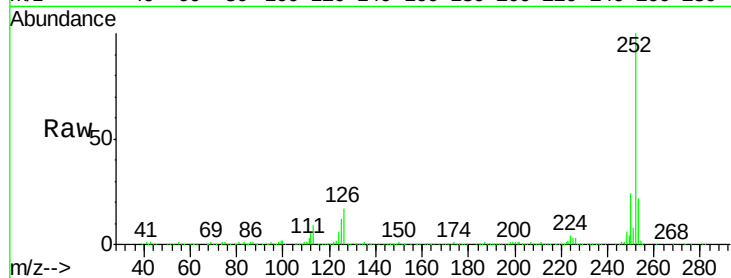




#87
Benzo(b)fluoranthene
Concen: 41.37 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

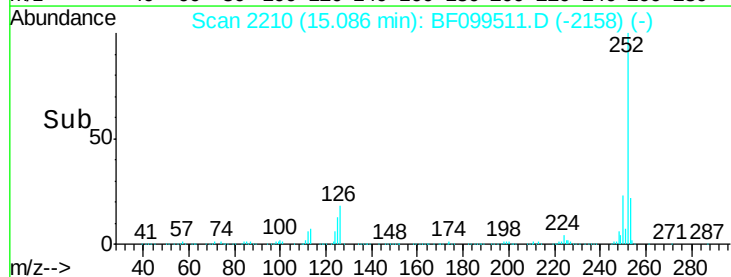
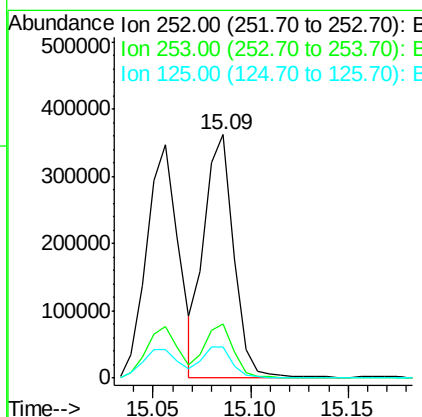
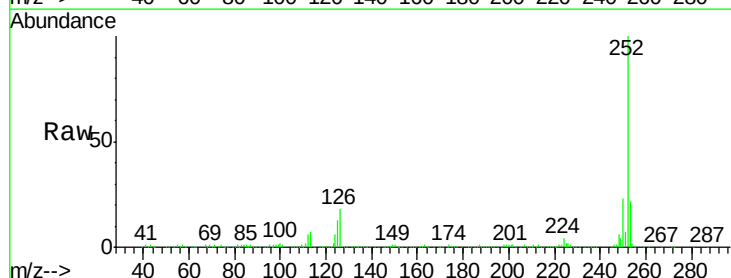
Instrument :
BNA_F
ClientSampled :

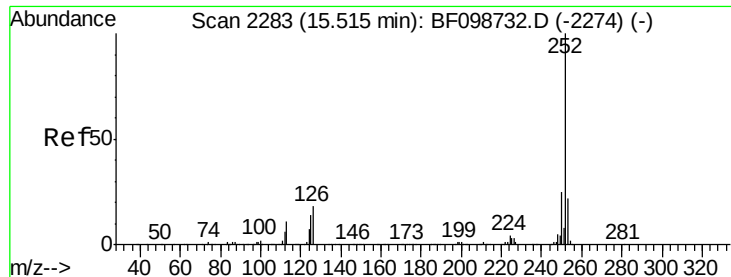
Tot Ion:252 Resp: 395114
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.28 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099511.D
Acq: 15 Oct 2017 14:00

Tgt Ion:252 Resp: 379952
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 43.48 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

Instrument :

BNA_F

ClientSampleId :

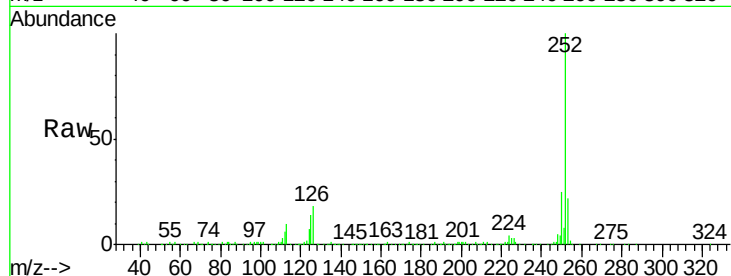
Tot Ion:252 Resp: 381176

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

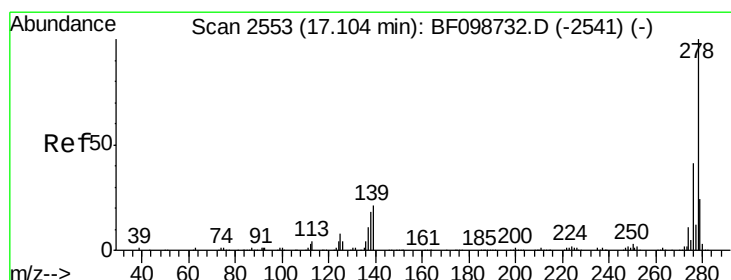
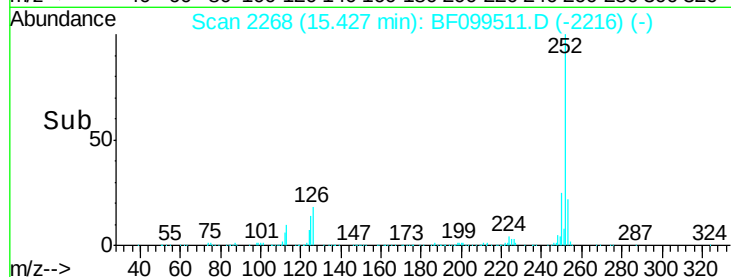
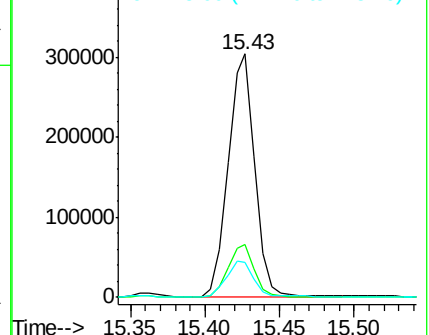
125 14.3 9.8 14.6



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: 47.15 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF099511.D

Acq: 15 Oct 2017 14:00

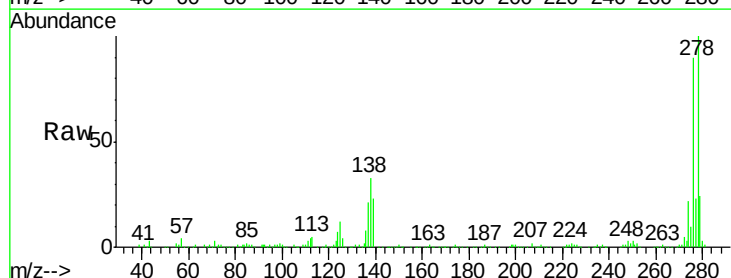
Tgt Ion:278 Resp: 330768

Ion Ratio Lower Upper

278 100

139 22.9 15.9 23.9

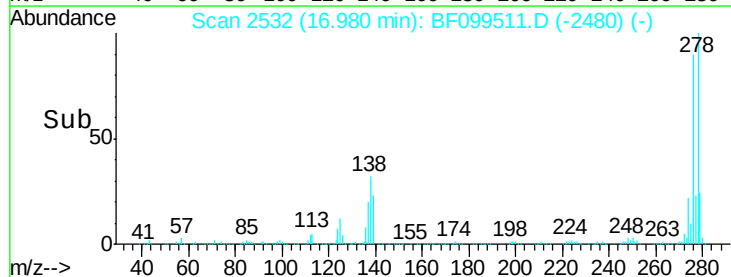
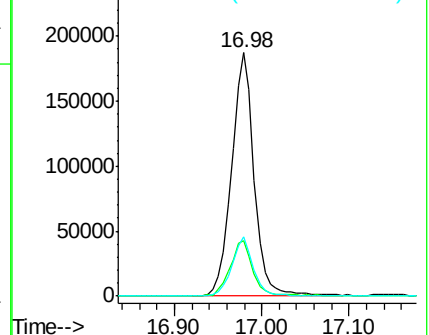
279 24.4 19.0 28.4

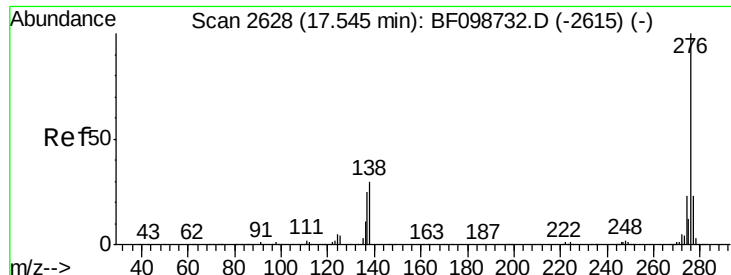


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

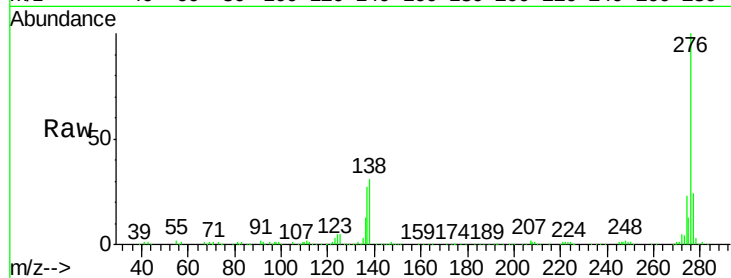




#91
 Benzo(a,h,i)perylene
 Concen: 46.36 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099511.D
 Acq: 15 Oct 2017 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	31.4	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

