

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099291.D
 Acq On : 10 Oct 2017 10:31
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 16:04:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	85794	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	365731	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	167553	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	305559	20.00	ng	0.00
75) Chrysene-d12	14.03	240	228215	20.00	ng	0.00
86) Perylene-d12	15.50	264	169858	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	462417	85.80	ng	0.00
7) Phenol-d6	6.50	99	563753	84.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	462959	81.18	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	126162	92.02	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	881615	87.84	ng	0.00
78) Terphenyl-d14	12.97	244	877157	87.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	103035	40.022	ng	92
3) Pyridine	3.42	79	273125	39.217	ng	95
4) n-Nitrosodimethylamine	3.37	42	100145	33.910	ng	81
6) Aniline	6.53	93	362160	40.361	ng	97
8) 2-Chlorophenol	6.65	128	262433	42.999	ng	94
9) Benzaldehyde	6.42	77	139677	36.218	ng	89
10) Phenol	6.51	94	330507	44.450	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	229416	39.688	ng	96
12) 1,3-Dichlorobenzene	6.80	146	277392	43.398	ng	97
13) 1,4-Dichlorobenzene	6.88	146	279170	42.928	ng	99
14) 1,2-Dichlorobenzene	7.03	146	261818	43.571	ng	100
15) Benzyl Alcohol	7.01	79	189672	38.888	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	319698	35.499	ng	96
17) 2-Methylphenol	7.12	107	202596	40.569	ng	98
18) Hexachloroethane	7.37	117	94733	40.527	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	155050	36.528	ng	96
20) 3+4-Methylphenols	7.27	107	256424	40.589	ng	# 86
22) Acetophenone	7.28	105	343442	38.759	ng	# 93
24) Nitrobenzene	7.45	77	255029	39.422	ng	94
25) Isophorone	7.69	82	442662	37.543	ng	99
26) 2-Nitrophenol	7.76	139	144266	46.374	ng	90
27) 2,4-Dimethylphenol	7.80	122	222535	37.878	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	288321	39.239	ng	98
29) 2,4-Dichlorophenol	8.00	162	212252	42.079	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	215412	42.699	ng	99
31) Naphthalene	8.17	128	719605	41.894	ng	100
32) Benzoic acid	7.93	122	107592	22.295	ng	95
33) 4-Chloroaniline	8.22	127	302784	42.211	ng	95
34) Hexachlorobutadiene	8.28	225	109214	42.030	ng	99
35) Caprolactam	8.60	113	67333	41.614	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	231906	40.904	ng	96
37) 2-Methylnaphthalene	8.86	142	464540	41.601	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	216781	43.383	ng	98
40) Hexachlorocyclopentadiene	9.01	237	105003	45.982	ng	99

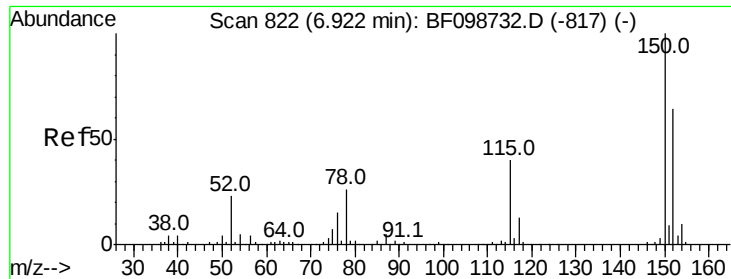
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099291.D
 Acq On : 10 Oct 2017 10:31
 Operator : SJ/JU
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	145844	41.199	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	148996	42.163	ng	93
45) 1,1'-Biphenyl	9.32	154	611825	42.487	ng	99
46) 2-Chloronaphthalene	9.35	162	462587	42.785	ng	97
47) 2-Nitroaniline	9.45	65	130367	39.378	ng	85
48) Acenaphthylene	9.76	152	700598	42.329	ng	100
49) Dimethylphthalate	9.62	163	532373	42.098	ng	100
50) 2,6-Dinitrotoluene	9.69	165	122836	44.617	ng	# 78
51) Acenaphthene	9.94	154	412639	39.357	ng	99
52) 3-Nitroaniline	9.86	138	142558	44.409	ng	87
53) 2,4-Dinitrophenol	9.97	184	45841	35.480	ng	90
54) Dibenzofuran	10.11	168	596683	42.744	ng	98
55) 4-Nitrophenol	10.02	139	92585	34.109	ng	82
56) 2,4-Dinitrotoluene	10.10	165	160362	44.881	ng	# 82
57) Fluorene	10.45	166	487548	43.453	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	99711	40.847	ng	96
59) Diethylphthalate	10.32	149	500798	40.528	ng	96
60) 4-Chlorophenyl-phenylether	10.44	204	215886	42.834	ng	95
61) 4-Nitroaniline	10.48	138	144739	46.735	ng	83
62) Azobenzene	10.60	77	422635	37.198	ng	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	82045	44.132	ng	85
65) n-Nitrosodiphenylamine	10.56	169	434020	41.001	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	125024	41.801	ng	# 85
67) Hexachlorobenzene	11.00	284	137697	43.105	ng	96
68) Atrazine	11.09	200	132079	41.471	ng	100
69) Pentachlorophenol	11.19	266	71678	36.054	ng	99
70) Phenanthrene	11.42	178	688671	42.106	ng	98
71) Anthracene	11.47	178	704775	42.114	ng	99
72) Carbazole	11.62	167	691827	42.215	ng	99
73) Di-n-butylphthalate	11.94	149	782165	39.652	ng	99
74) Fluoranthene	12.60	202	707719	42.731	ng	98
76) Benzidine	12.72	184	338743	40.131	ng	99
77) Pyrene	12.83	202	730885	41.999	ng	99
79) Butylbenzylphthalate	13.44	149	327930	40.096	ng	93
80) Benzo(a)anthracene	14.02	228	577680	41.803	ng	98
81) 3,3'-Dichlorobenzidine	13.98	252	208386	41.135	ng	97
82) Chrysene	14.06	228	554901	42.178	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	439870	39.059	ng	99
84) Di-n-octyl phthalate	14.60	149	694480	38.298	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.00	276	386849	36.758	ng	98
87) Benzo(b)fluoranthene	15.07	252	457018	43.761	ng	97
88) Benzo(k)fluoranthene	15.10	252	454434	44.055	ng	99
89) Benzo(a)pyrene	15.44	252	411264	42.901	ng	99
90) Dibenzo(a,h)anthracene	17.00	278	310702	40.498	ng	97
91) Benzo(g,h,i)perylene	17.44	276	319995	42.196	ng	95

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

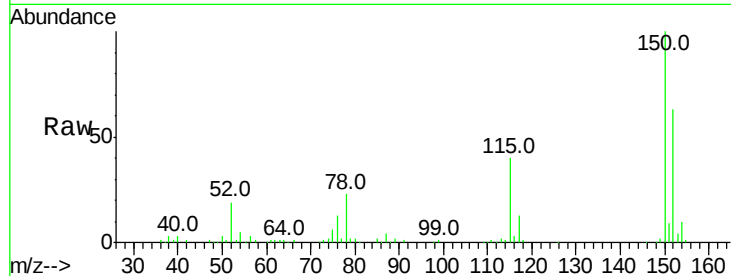


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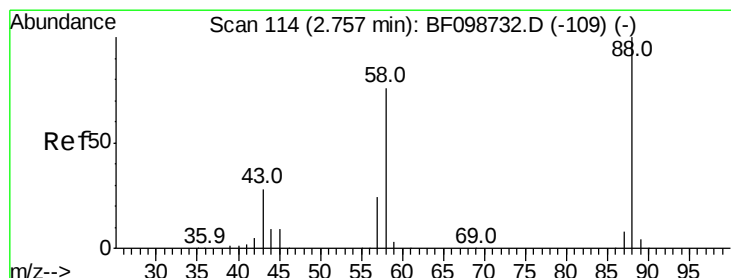
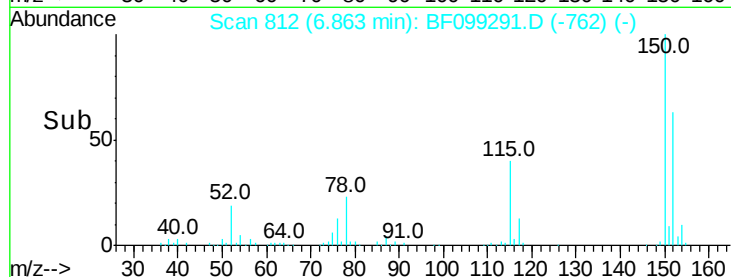
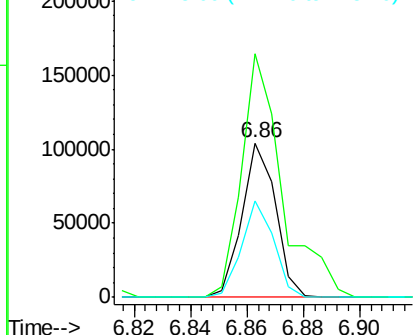
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 85794
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.4 50.1 75.1



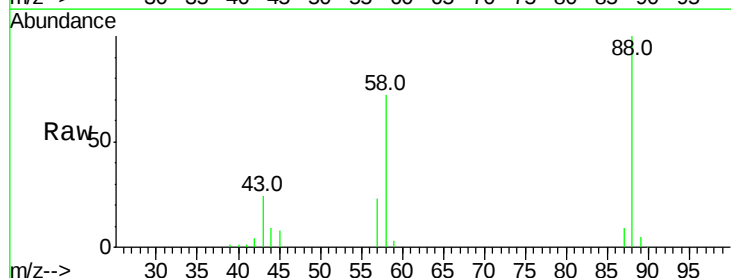
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



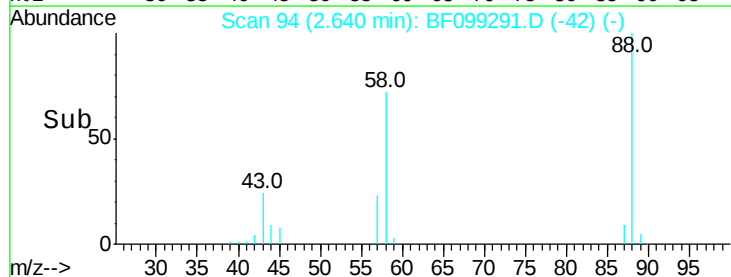
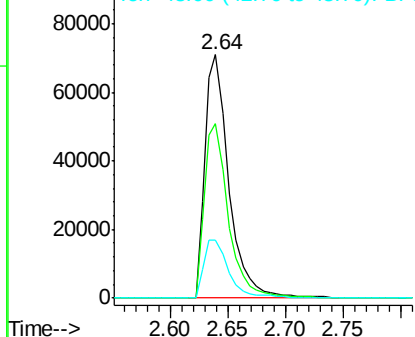
#2

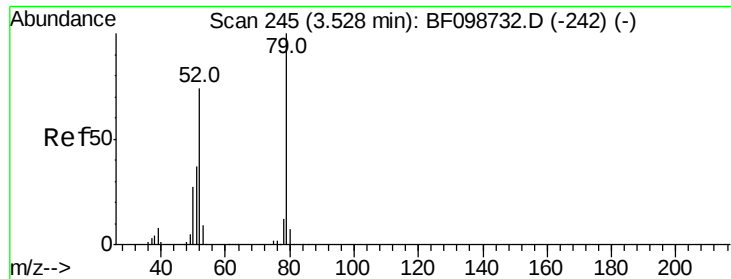
1,4-Dioxane
Concen: 40.022 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion: 88 Resp: 103035
Ion Ratio Lower Upper
88 100
58 72.0 62.6 93.8
43 25.1 24.6 37.0



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

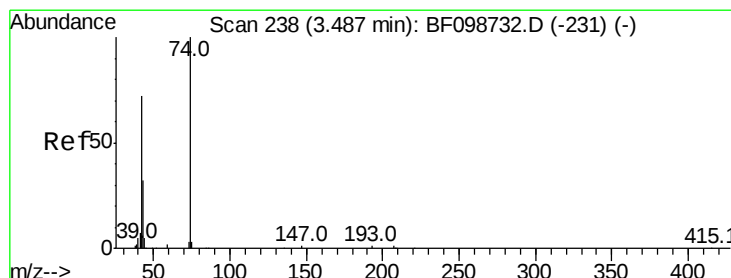
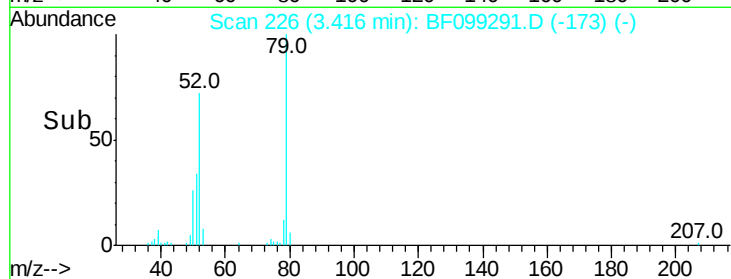
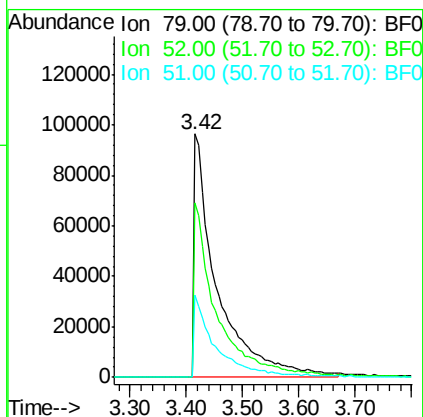
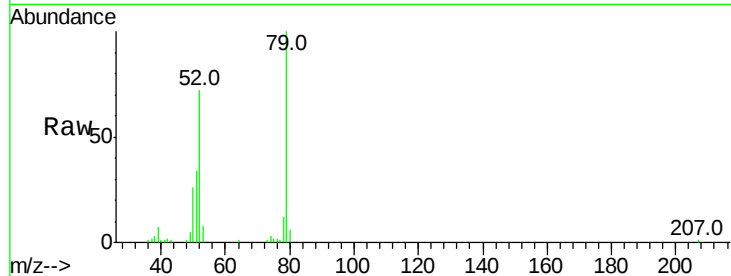




#3
 Pvridine
 Concen: 39.217 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

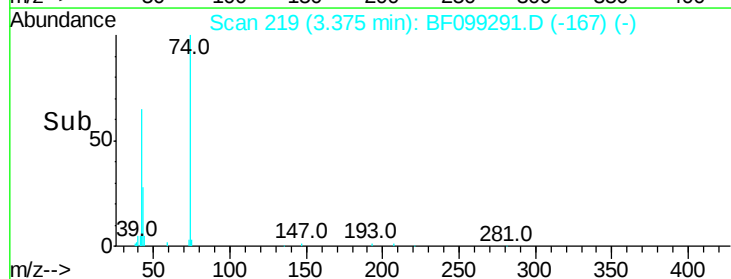
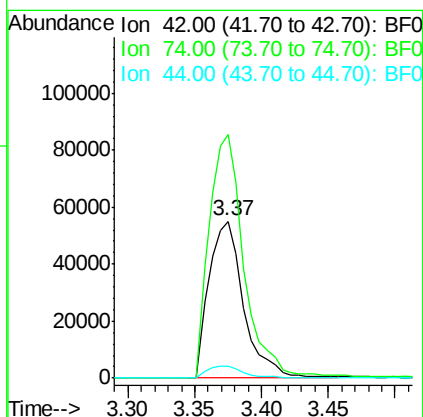
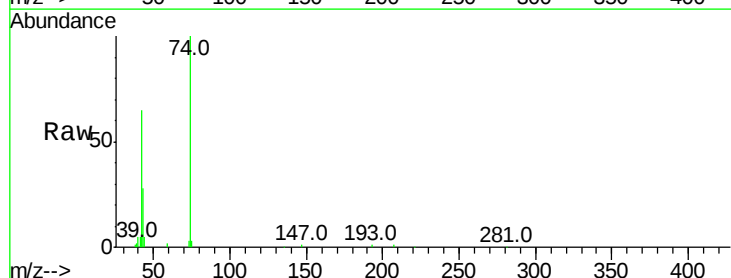
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 273125
 Ion Ratio Lower Upper
 79 100
 52 71.5 59.8 89.6
 51 33.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 33.910 ng
 RT: 3.37 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion: 42 Resp: 100145
 Ion Ratio Lower Upper
 42 100
 74 155.0 104.9 157.3
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 85.801 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

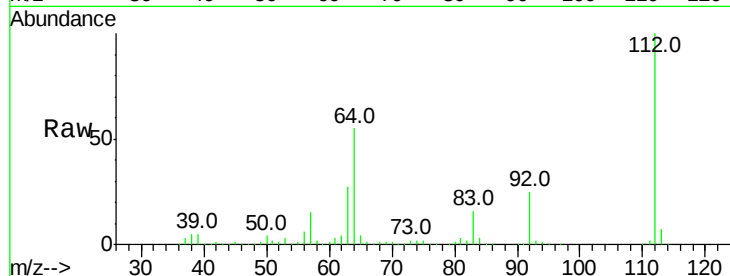
Tot Ion:112 Resp: 462417

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

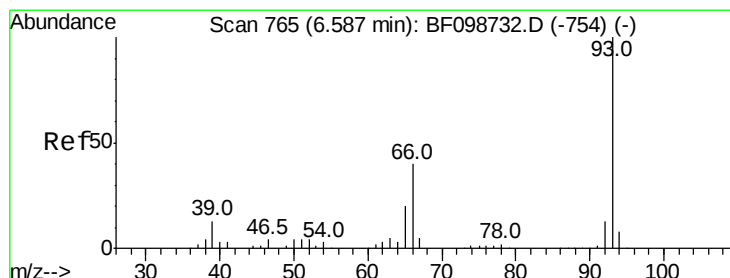
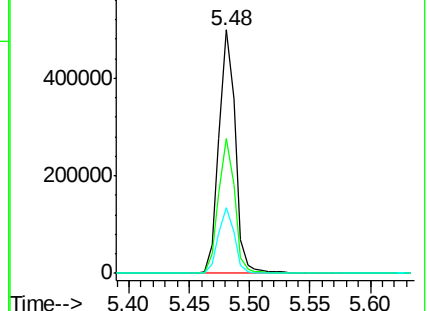
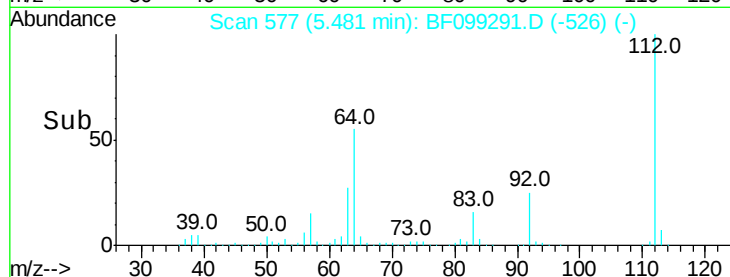
63 27.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.361 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

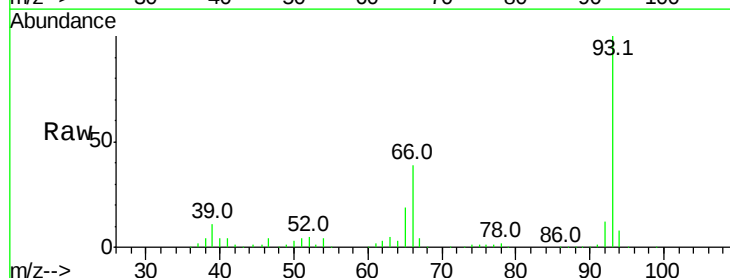
Tgt Ion: 93 Resp: 362160

Ion Ratio Lower Upper

93 100

66 38.6 32.2 48.2

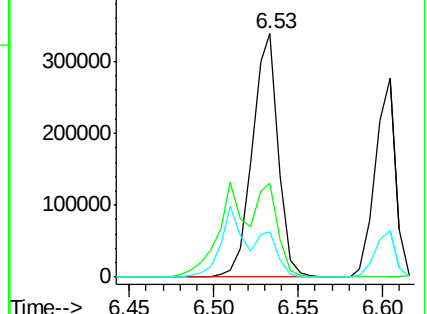
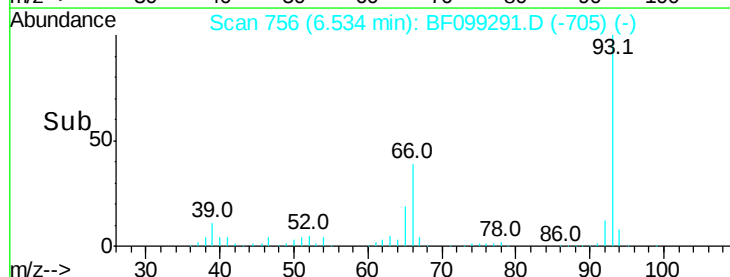
65 18.5 16.4 24.6

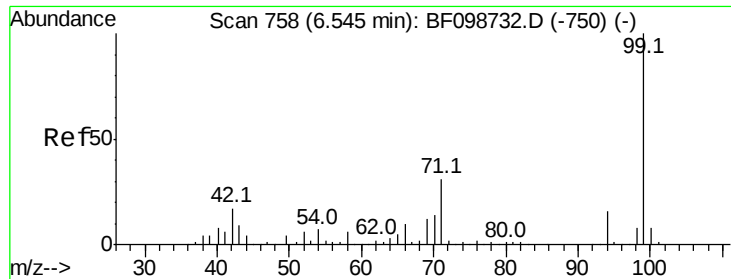


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.795 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

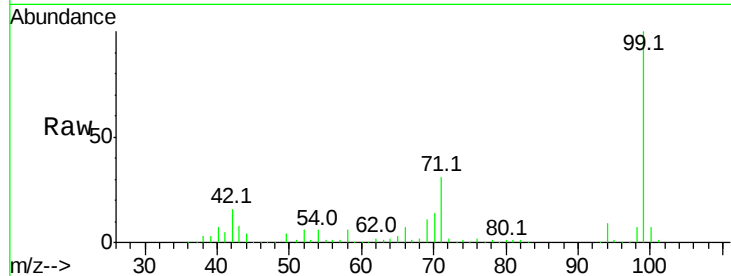
Tot Ion: 99 Resp: 563753

Ion Ratio Lower Upper

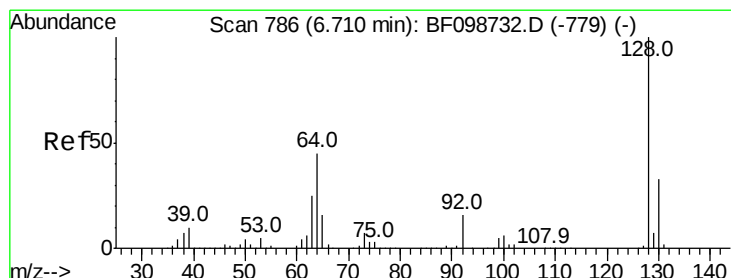
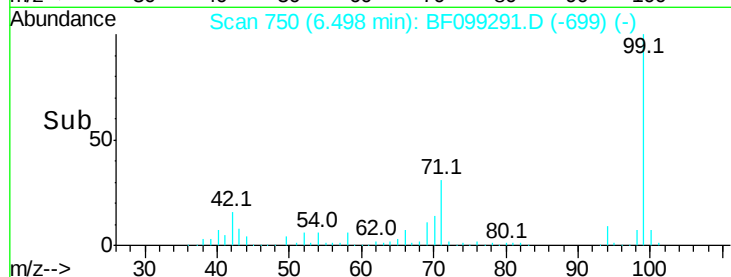
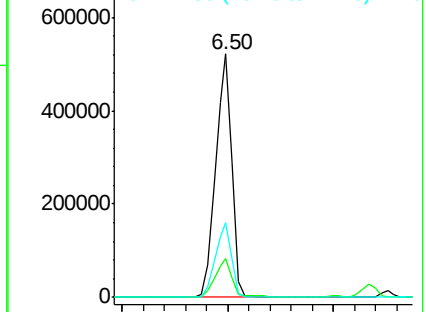
99 100

42 15.9 14.5 21.7

71 30.6 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: 42.999 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

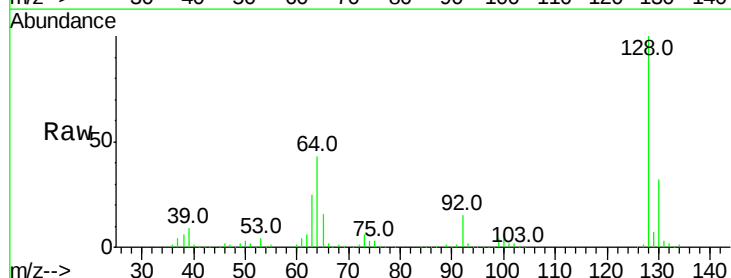
Tgt Ion: 128 Resp: 262433

Ion Ratio Lower Upper

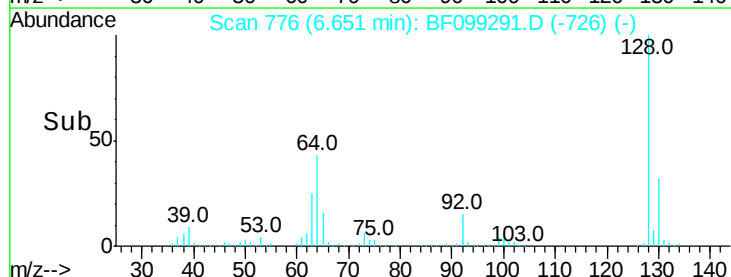
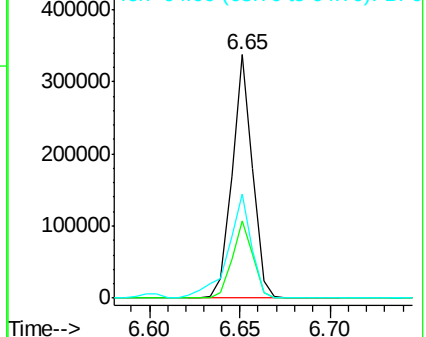
128 100

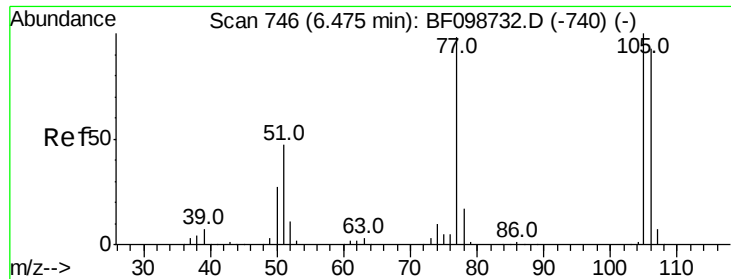
130 31.9 13.0 53.0

64 42.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.218 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

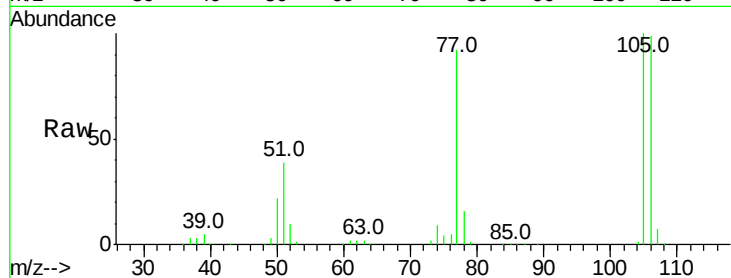
Tot Ion: 77 Resp: 139677

Ion Ratio Lower Upper

77 100

105 109.2 81.1 121.1

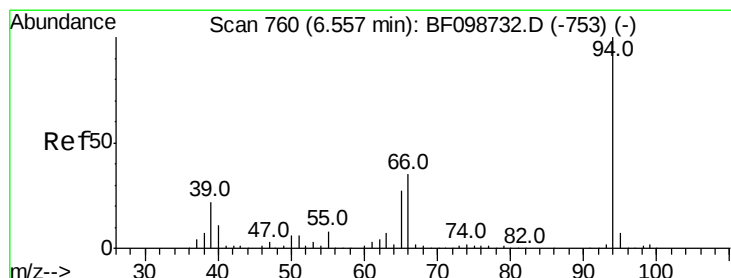
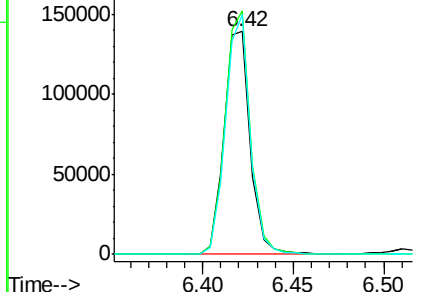
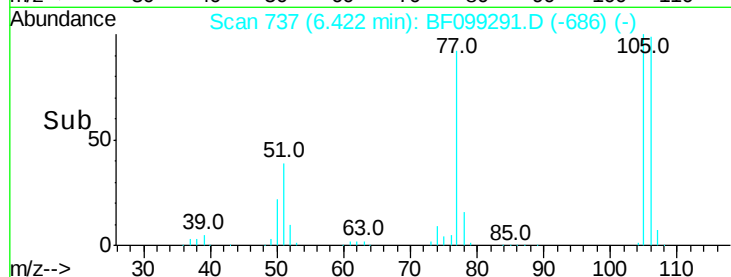
106 107.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.450 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

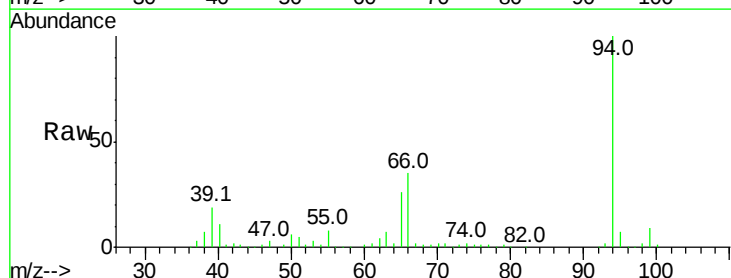
Tgt Ion: 94 Resp: 330507

Ion Ratio Lower Upper

94 100

65 26.1 7.9 47.9

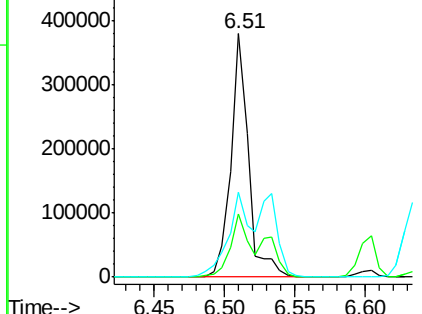
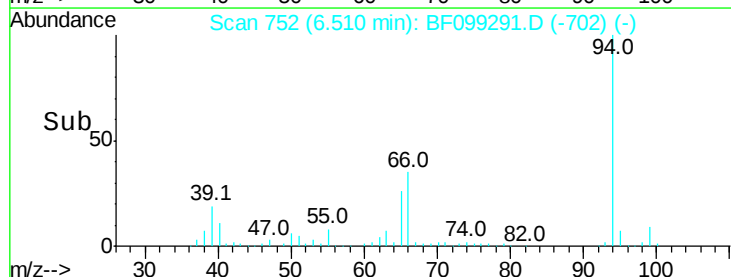
66 34.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.688 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

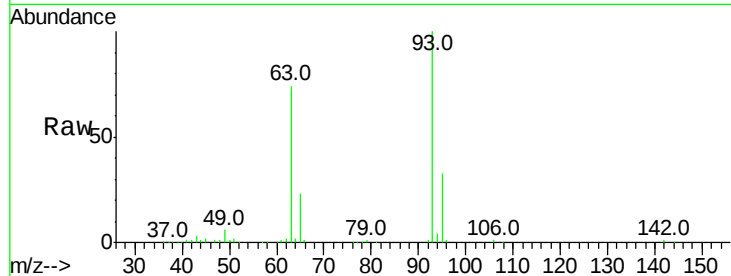
Tot Ion: 93 Resp: 229416

Ion Ratio Lower Upper

93 100

63 74.2 58.6 98.6

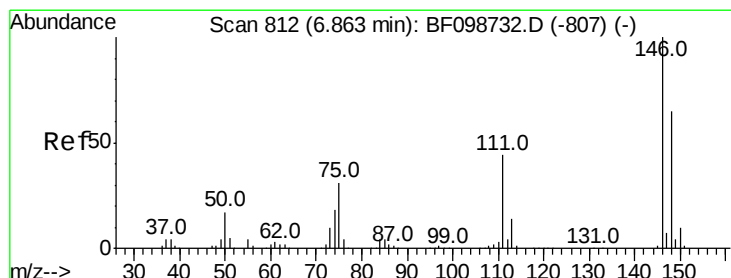
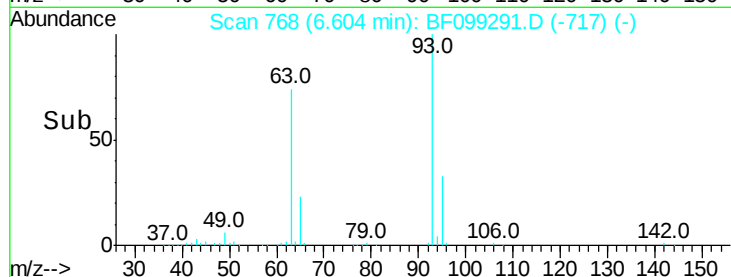
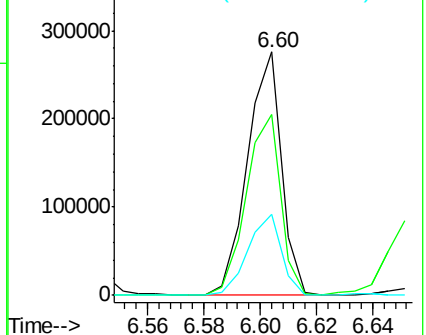
95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.398 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

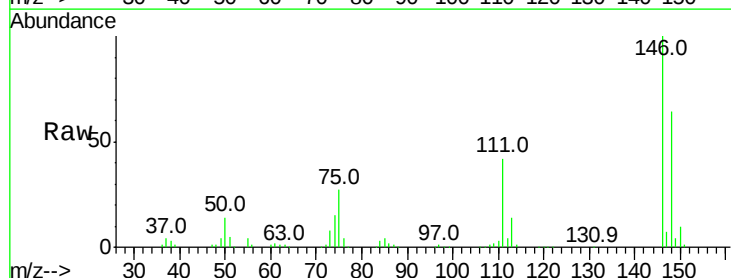
Tgt Ion: 146 Resp: 277392

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

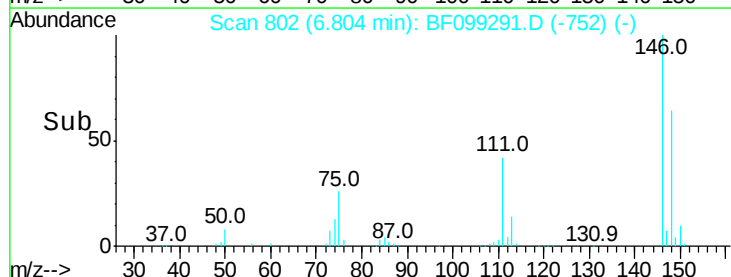
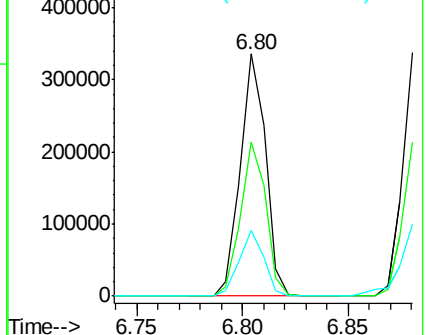
75 27.4 24.2 36.4

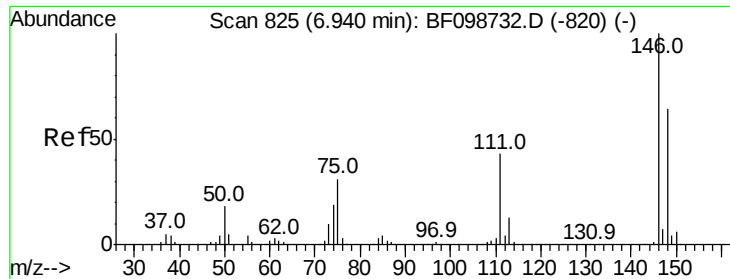


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

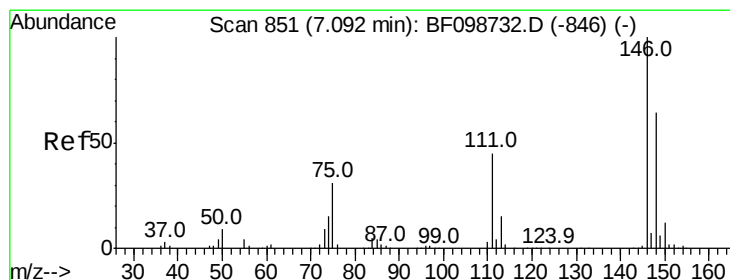
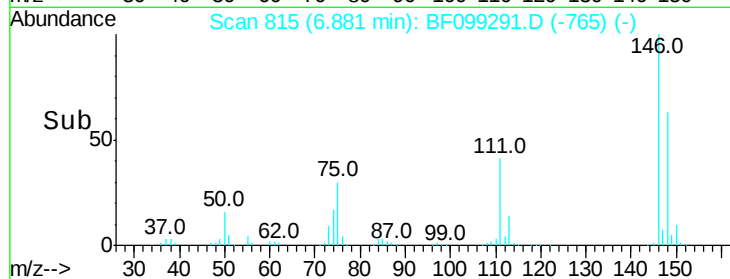
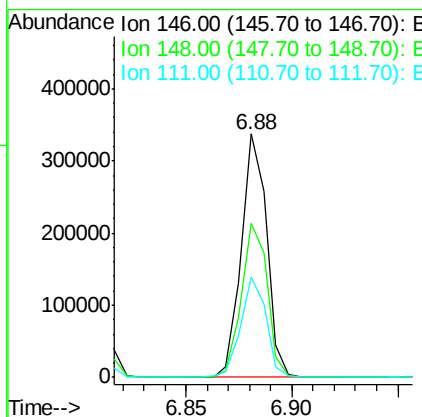
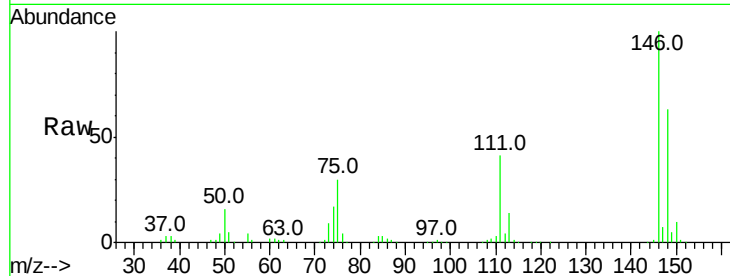




#13
 1,4-Dichlorobenzene
 Concen: 42.928 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

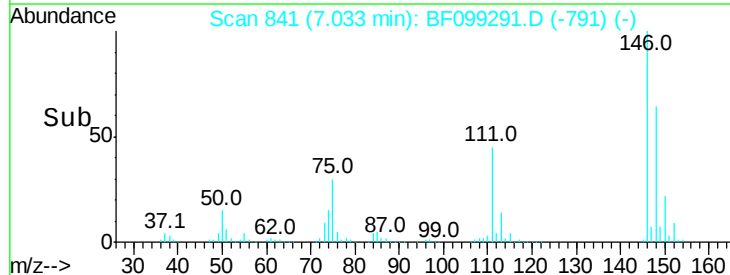
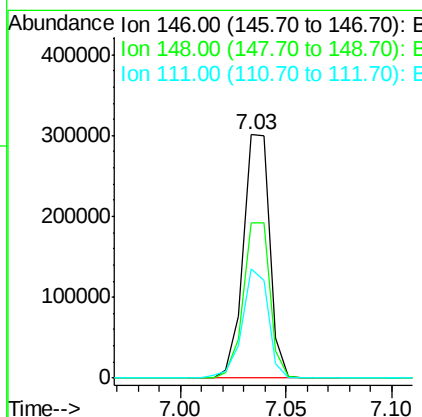
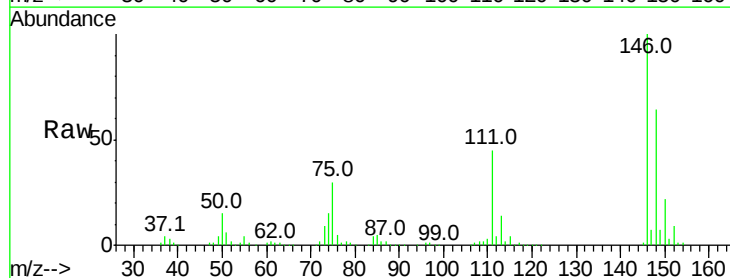
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 279170
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 41.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.571 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion:146 Resp: 261818
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 45.0 36.0 54.0

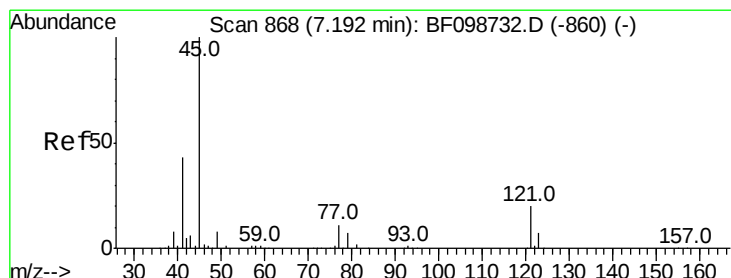
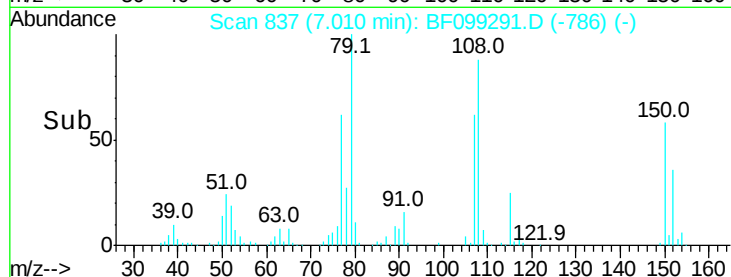
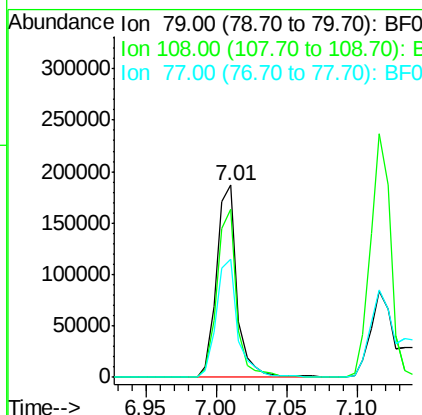
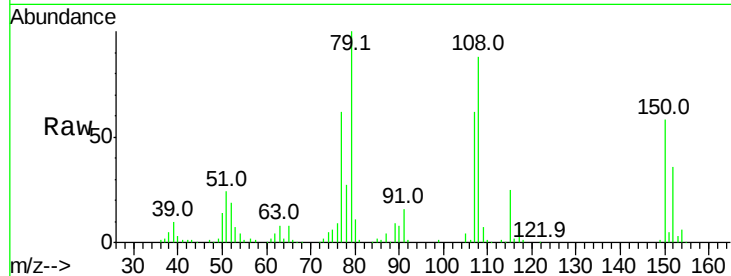




#15
Benzyl Alcohol
Concen: 38.888 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

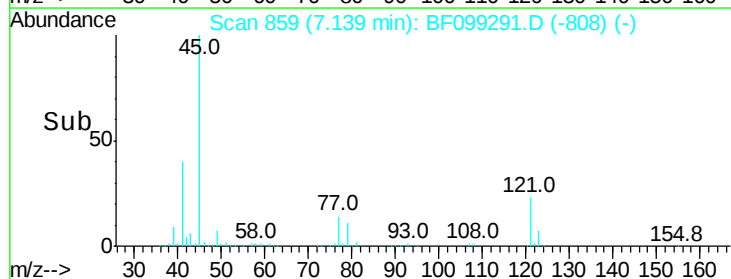
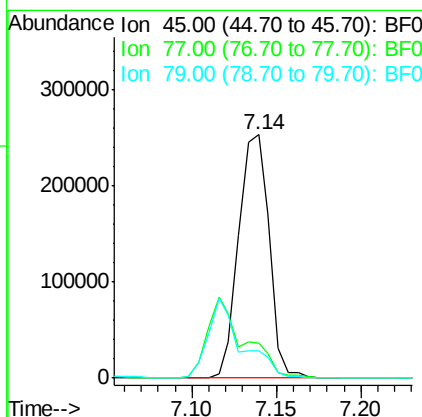
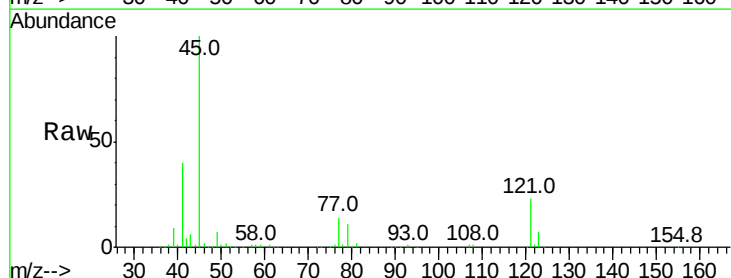
Instrument :
BNA_F
ClientSampleId :

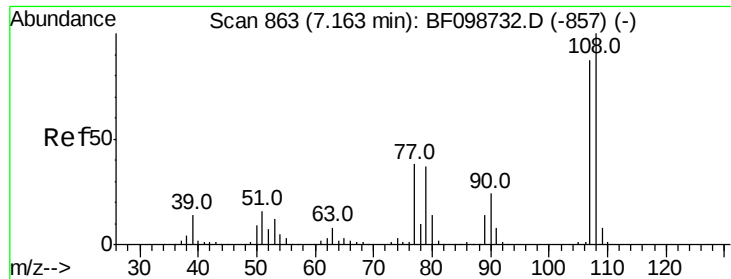
Tot Ion: 79 Resp: 189672
Ion Ratio Lower Upper
79 100
108 87.7 65.1 97.7
77 61.6 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.499 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion: 45 Resp: 319698
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.9
79 11.2 0.0 29.6

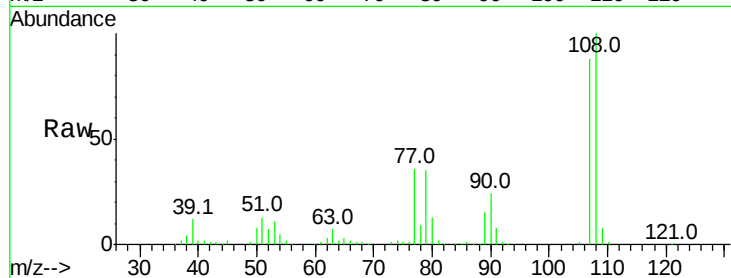




#17
2-Methylphenol
Concen: 40.569 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.7	137.5
77	40.7	33.8	50.8
79	39.9	33.8	50.8



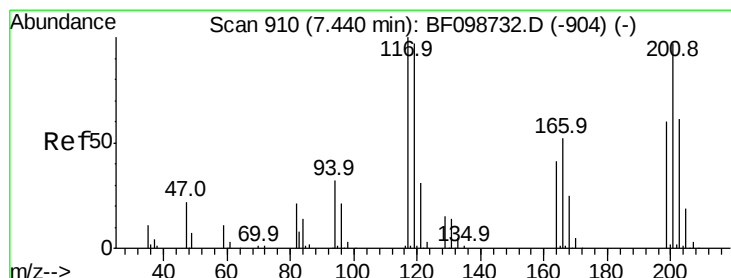
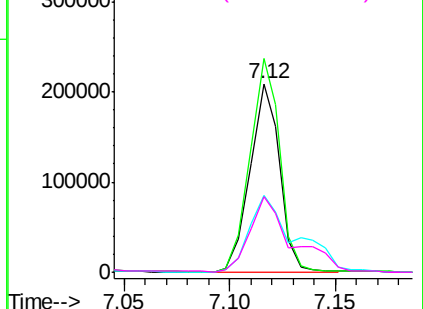
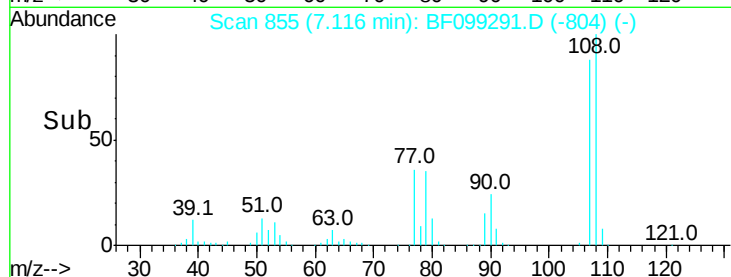
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

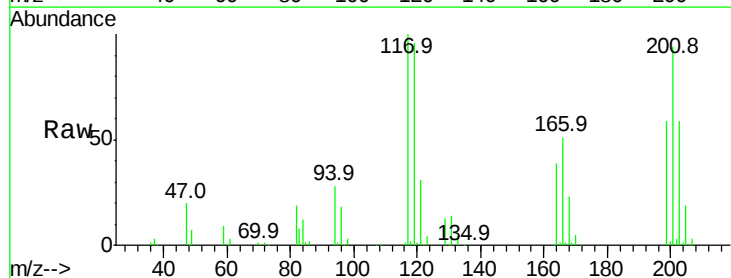
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.527 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	94.2	75.7	113.5

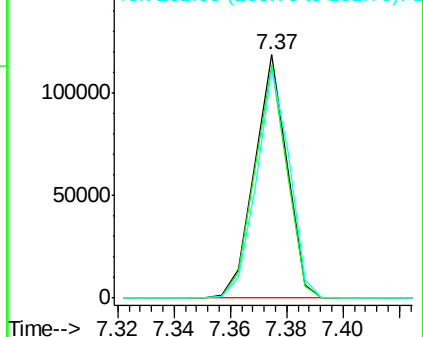
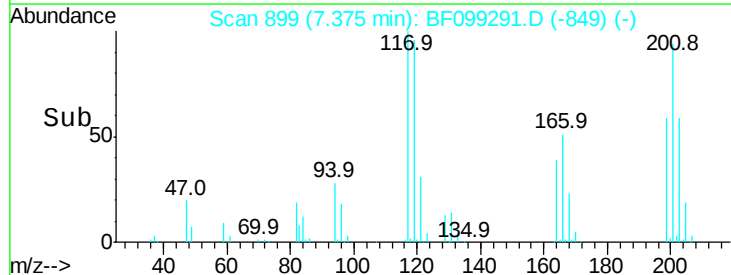


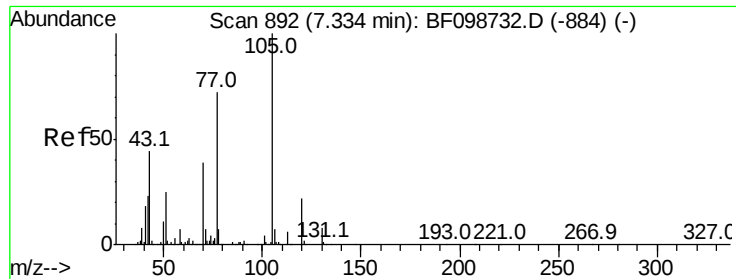
Abundance

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

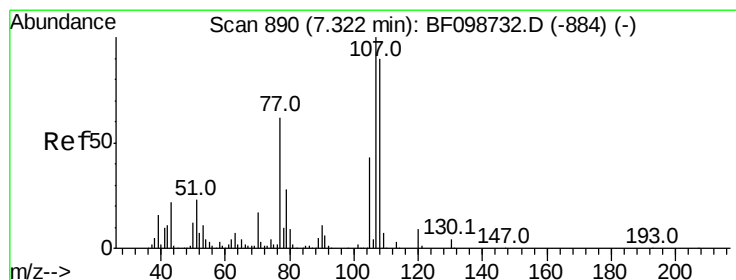
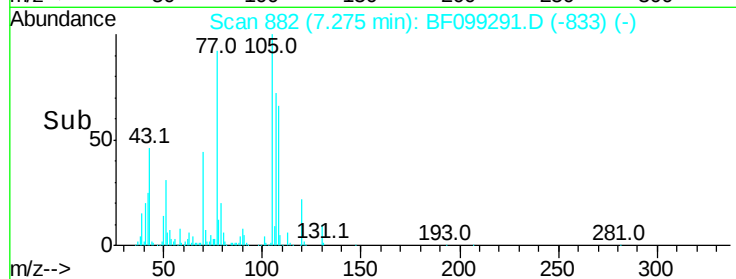
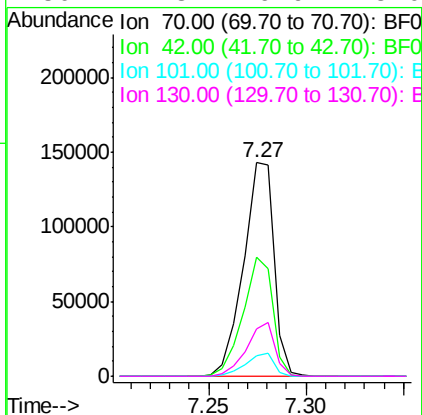
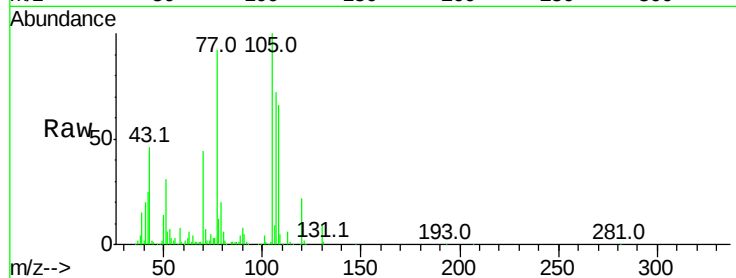




#19
n-Nitroso-di-n-propylamine
Concen: 36.528 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

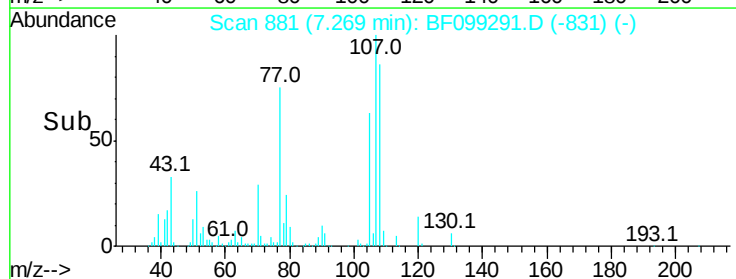
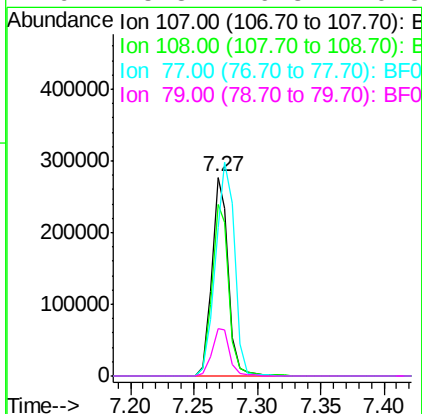
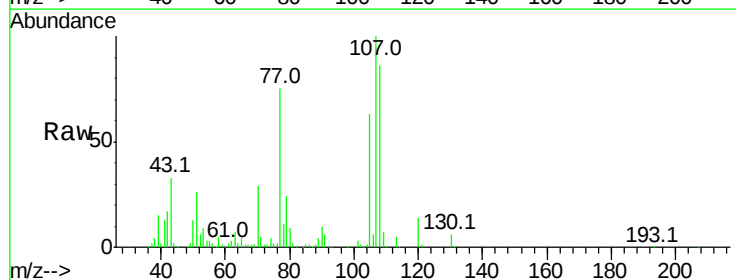
Instrument :
BNA_F
ClientSampleId :

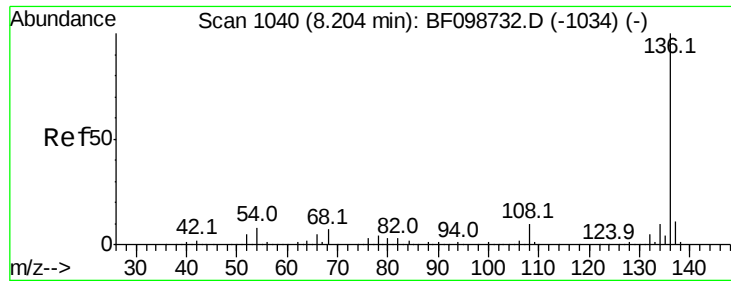
Tot Ion:	70	Resp:	155050
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	9.6	7.4	11.2
130	22.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.589 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:	107	Resp:	256424
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.2	108.2
77	74.7	26.7	66.7#
79	23.8	6.3	46.3

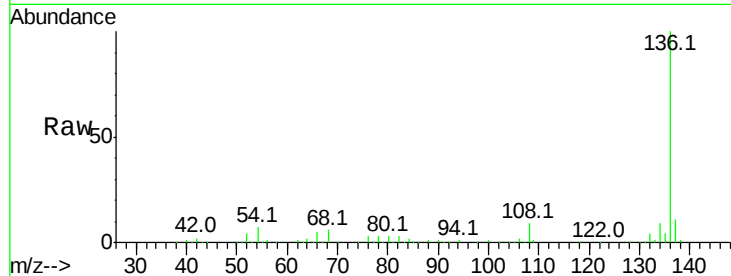




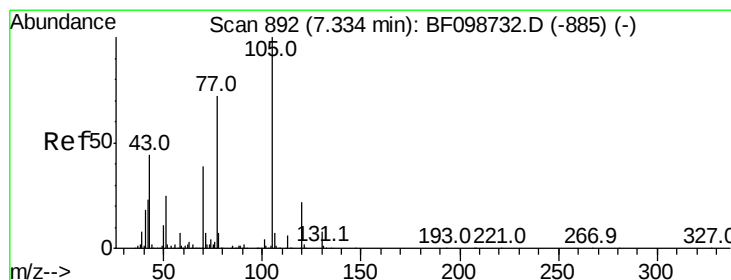
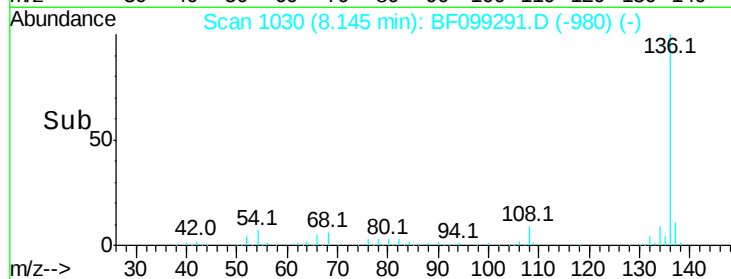
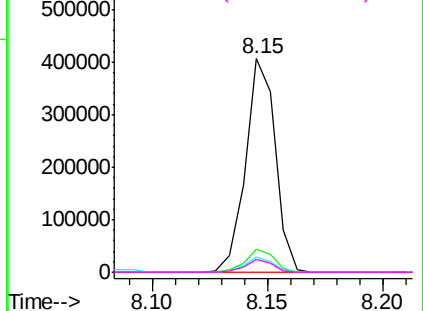
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	365731
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 7.0	6.6	9.8
68 5.9	5.0	7.4

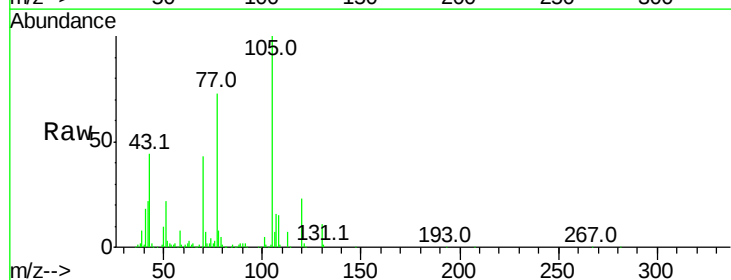


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

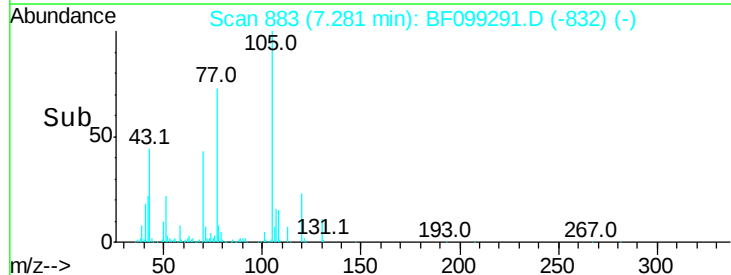
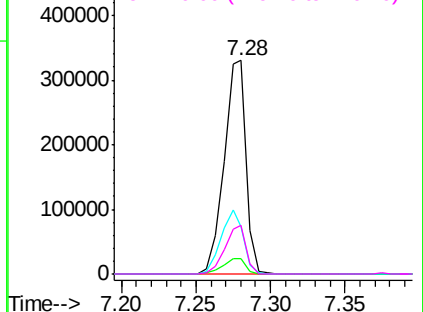


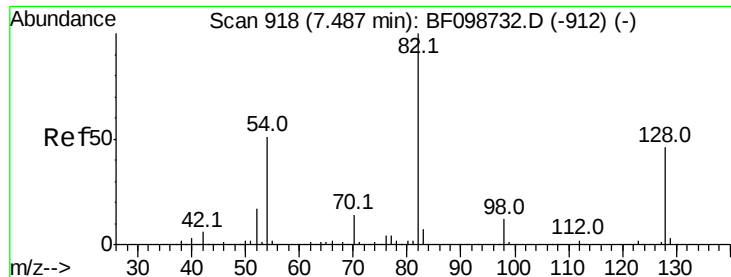
#22
Acetophenone
Concen: 38.759 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt	Ion:105	Resp:	343442
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.4	6.6#
51	22.3	22.3	33.5
120	22.6	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

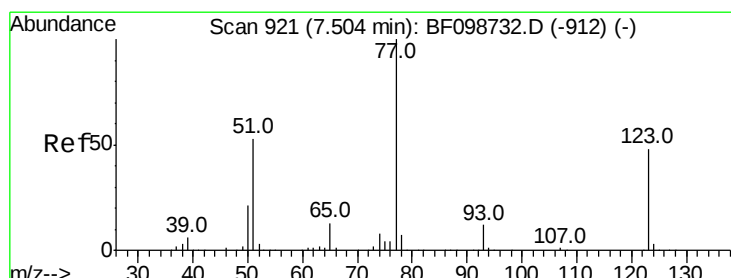
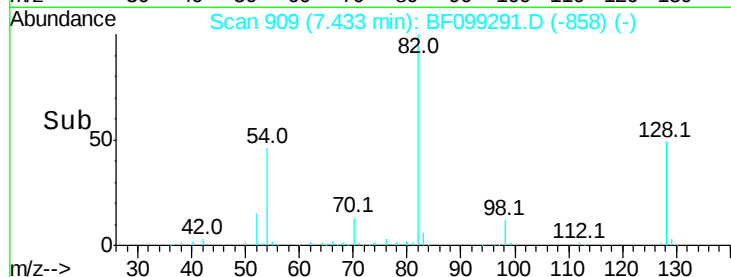
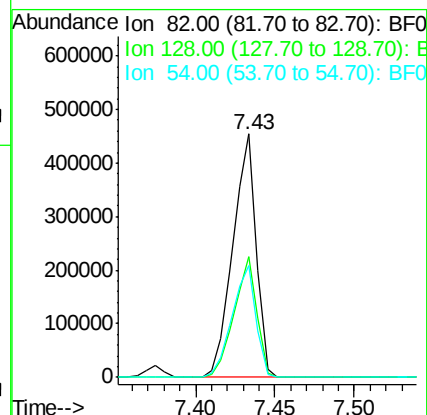
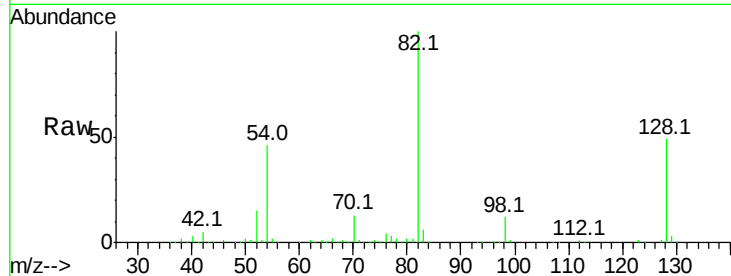




#23
 Nitrobenzene-d5
 Concen: 81.179 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

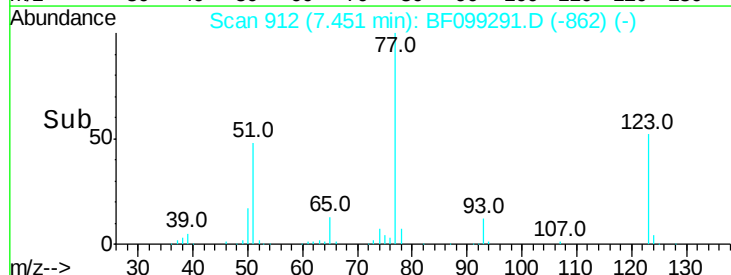
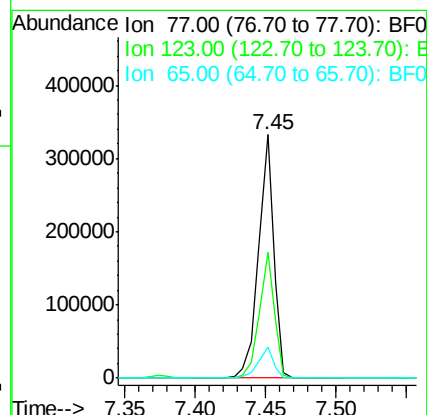
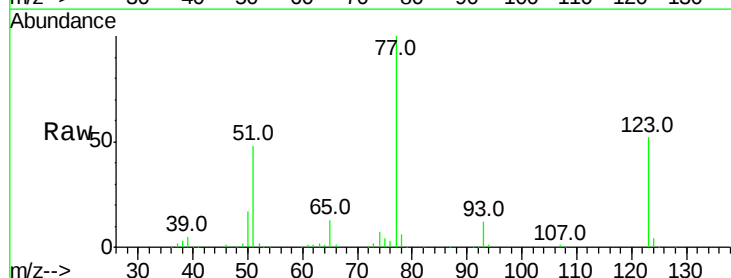
Instrument :
 BNA_F
 ClientSampleId :

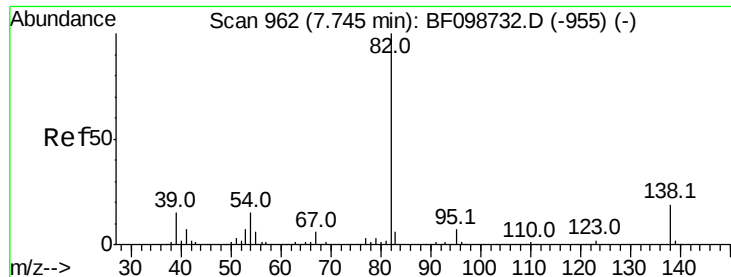
Tot Ion: 82 Resp: 462959
 Ion Ratio Lower Upper
 82 100
 128 49.4 36.1 54.1
 54 45.7 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.422 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion: 77 Resp: 255029
 Ion Ratio Lower Upper
 77 100
 123 51.9 37.9 56.9
 65 13.0 11.0 16.4





#25

Isophorone

Concen: 37.543 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

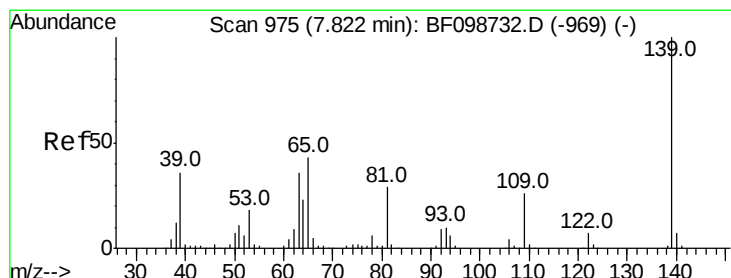
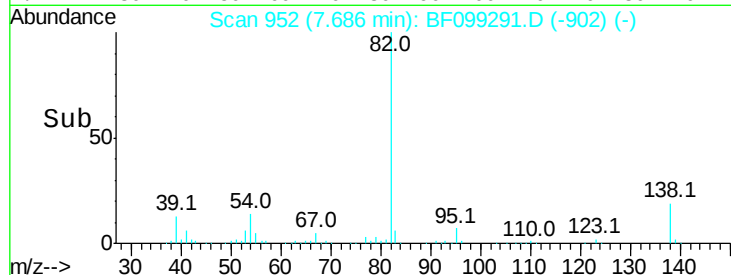
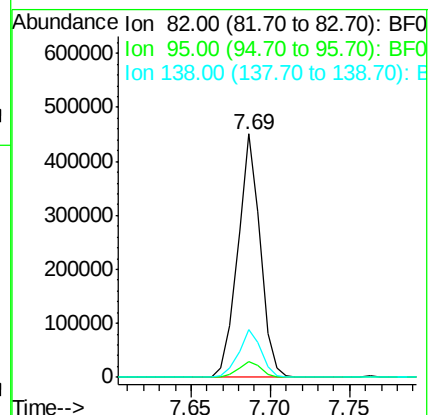
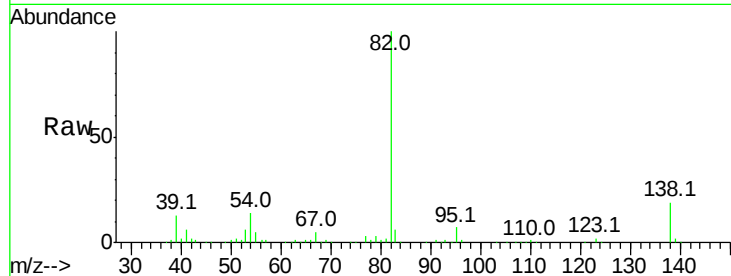
Tot Ion: 82 Resp: 442662

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 46.374 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

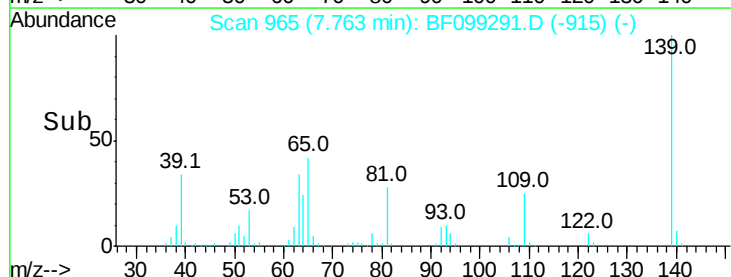
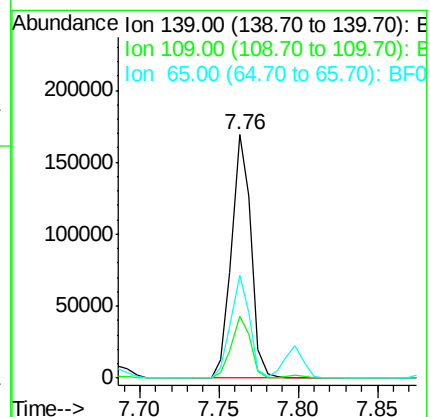
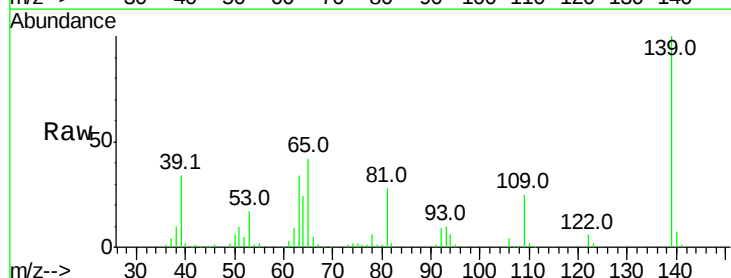
Tgt Ion: 139 Resp: 144266

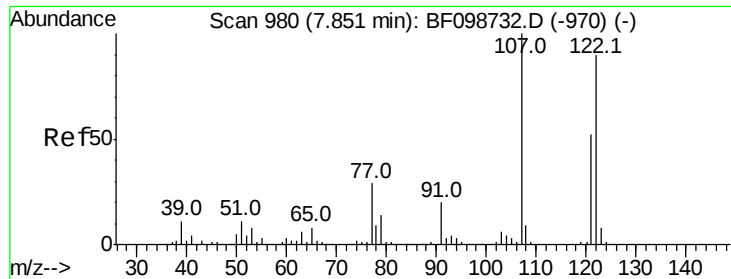
Ion Ratio Lower Upper

139 100

109 25.3 22.7 34.1

65 42.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.878 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

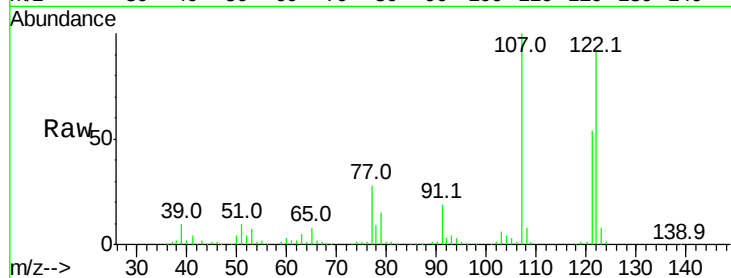
Tot Ion:122 Resp: 222535

Ion Ratio Lower Upper

122 100

107 108.9 91.2 136.8

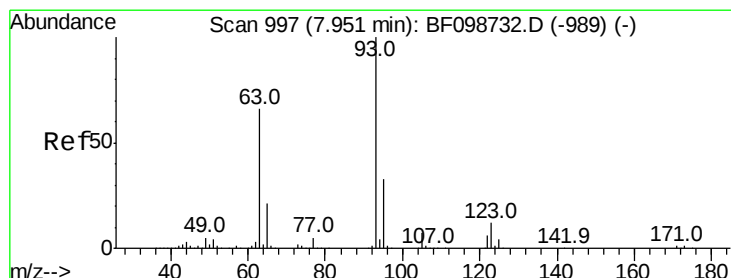
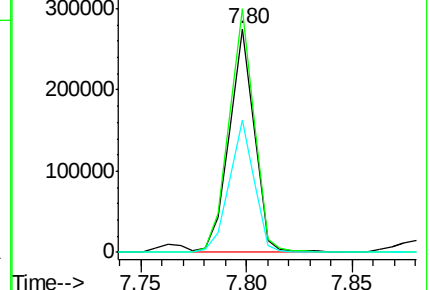
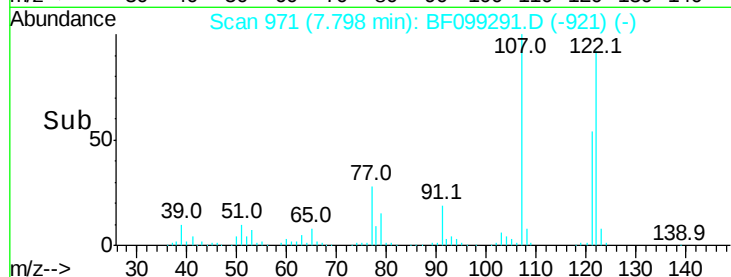
121 59.0 47.2 70.8



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: 39.239 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

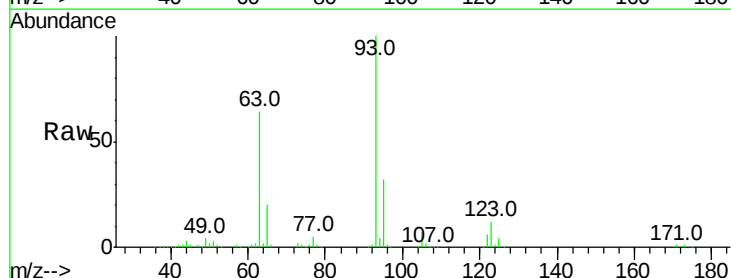
Tgt Ion: 93 Resp: 288321

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

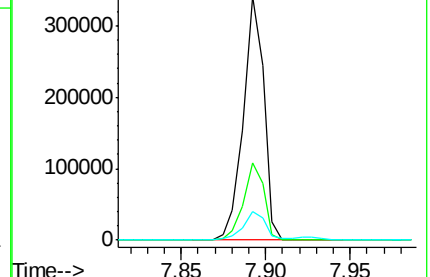
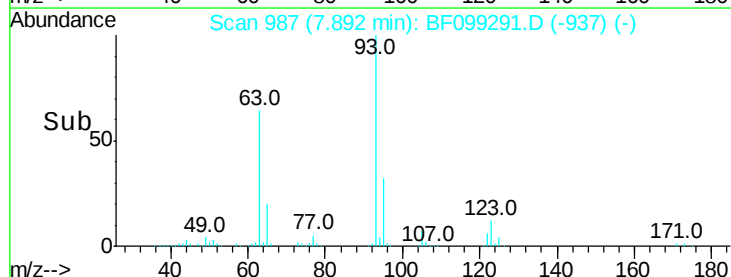
123 11.6 9.8 14.6

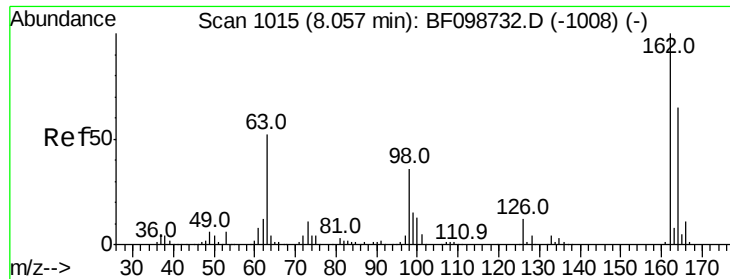


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

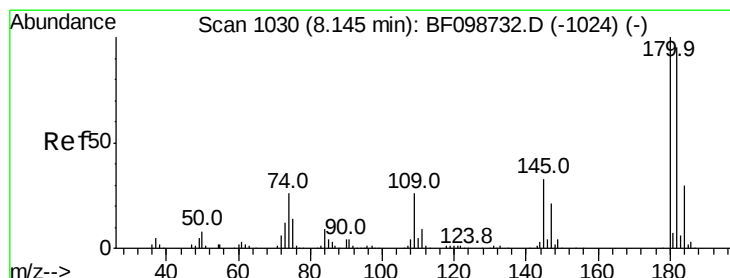
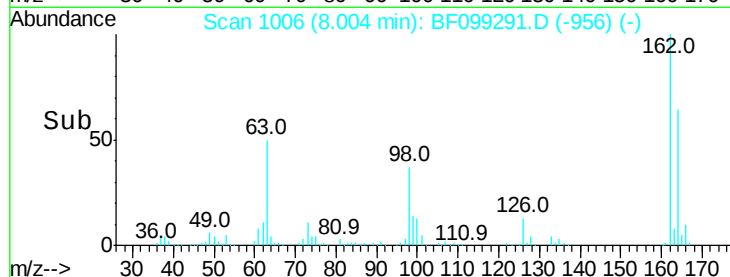
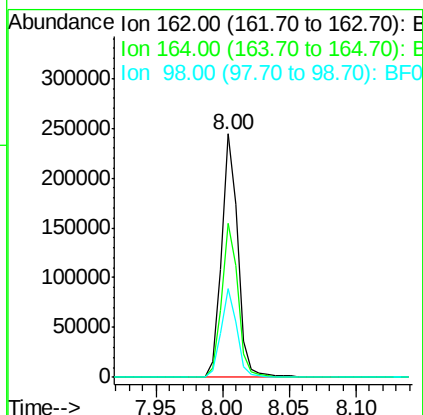
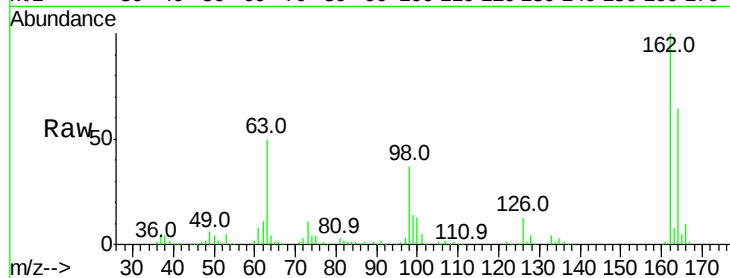




#29
 2,4-Dichlorophenol
 Concen: 42.079 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

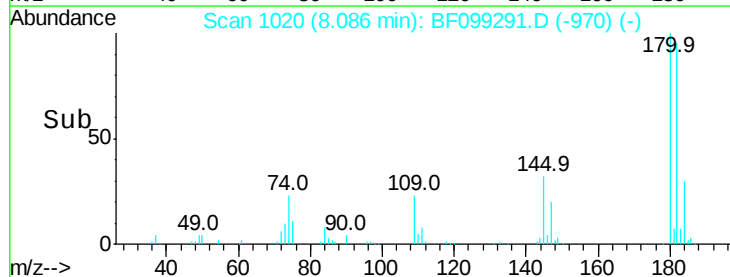
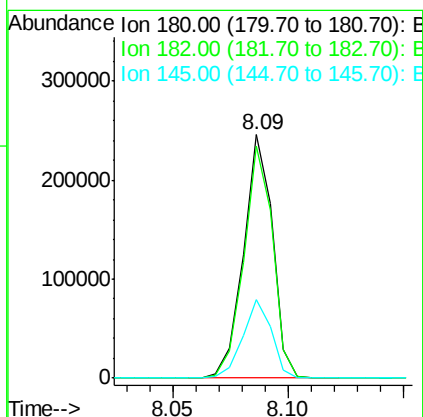
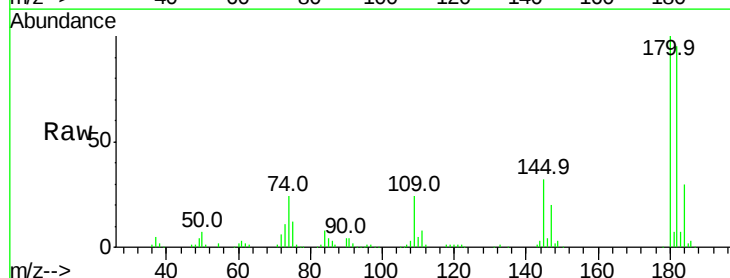
Instrument :
 BNA_F
 ClientSampleId :

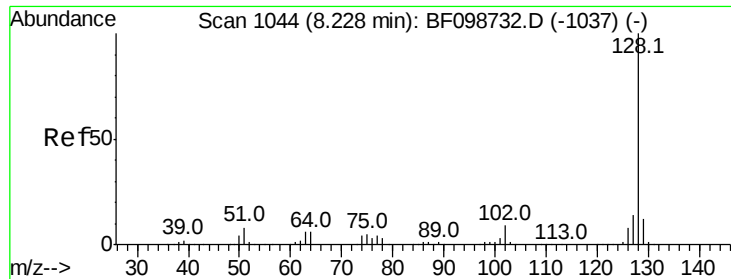
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	36.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.699 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	32.0	26.5	39.7





#31

Naphthalene

Concen: 41.894 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

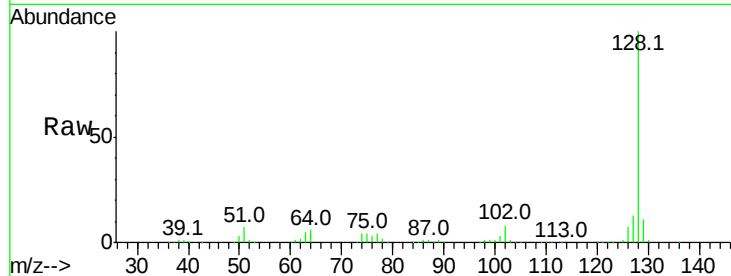
Tot Ion:128 Resp: 719605

Ion Ratio Lower Upper

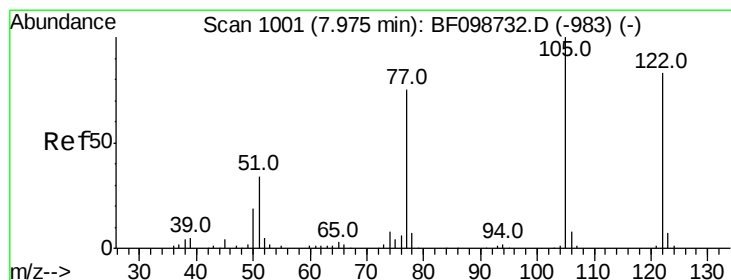
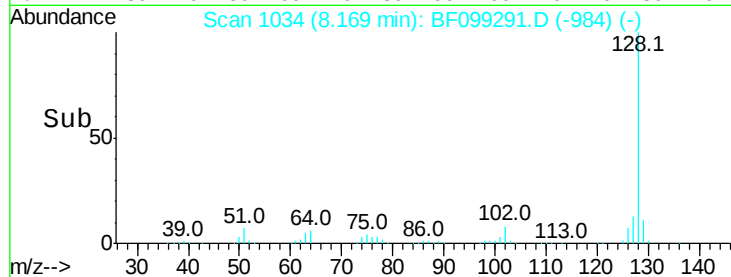
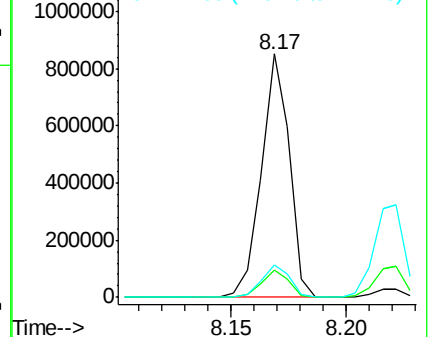
128 100

129 11.1 8.8 13.2

127 13.4 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: 22.295 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

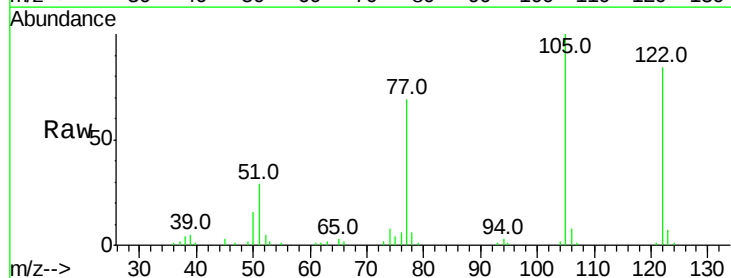
Tgt Ion:122 Resp: 107592

Ion Ratio Lower Upper

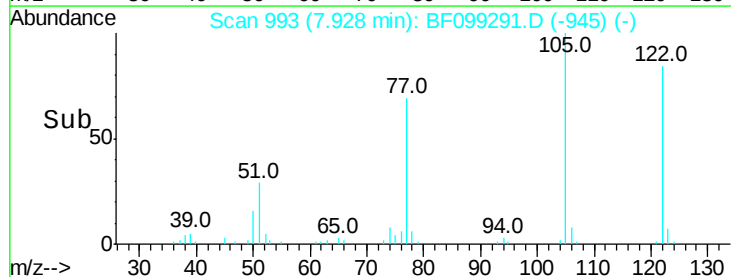
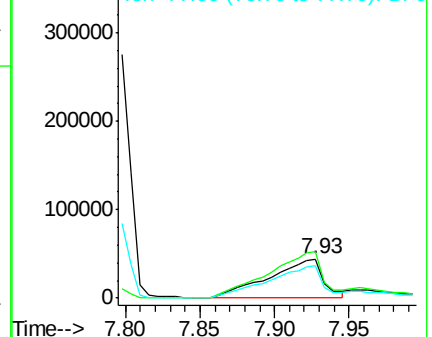
122 100

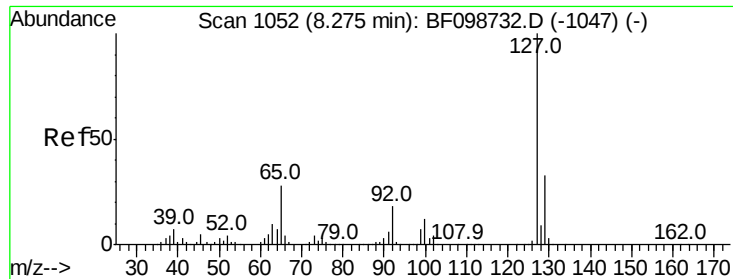
105 118.9 101.1 141.1

77 81.6 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

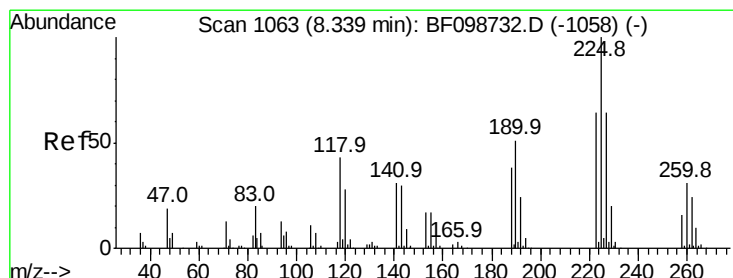
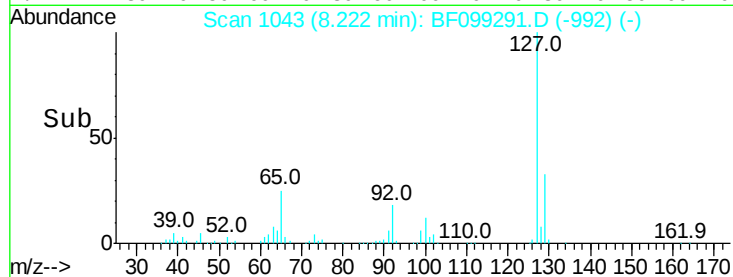
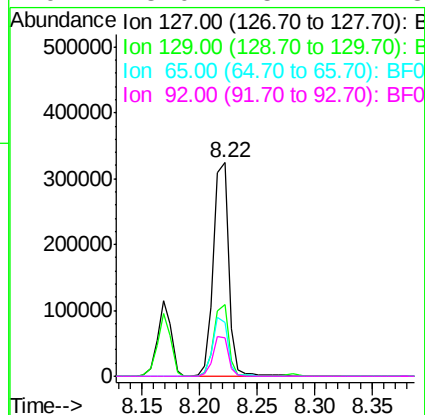
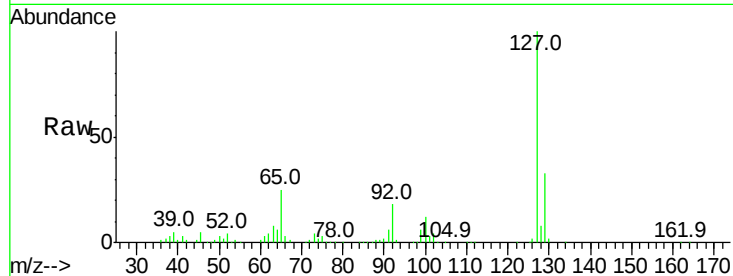




#33
4-Chloroaniline
Concen: 42.211 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

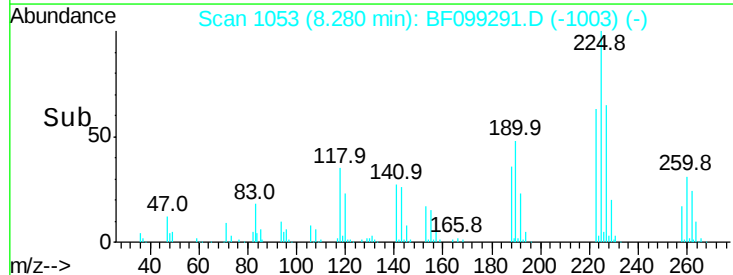
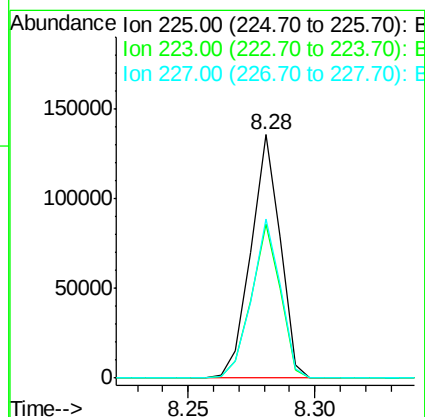
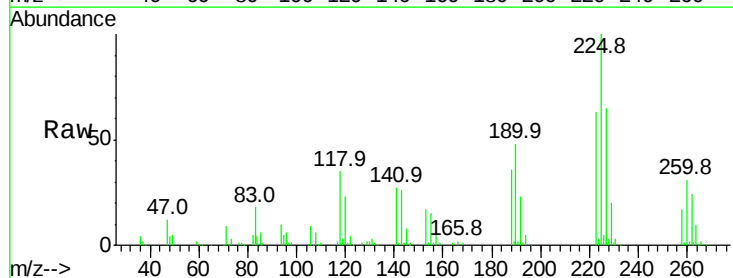
Instrument :
BNA_F
ClientSampled :

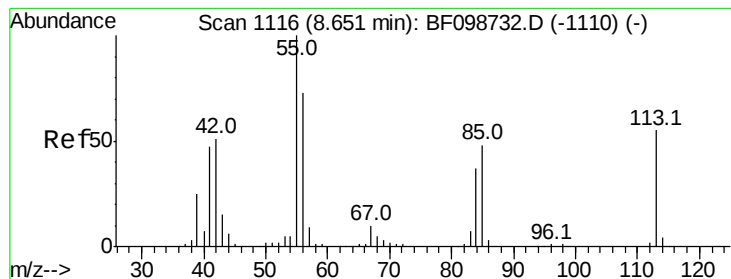
Tot Ion:	127	Resp:	302784
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	25.2	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.030 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:	225	Resp:	109214
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	65.4	51.9	77.9





#35

Caprolactam

Concen: 41.614 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampled :

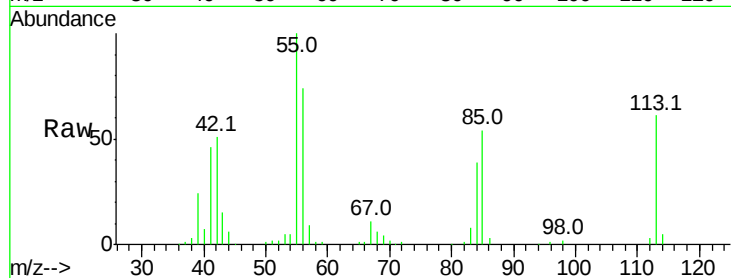
Tot Ion:113 Resp: 67333

Ion Ratio Lower Upper

113 100

55 163.2 163.3 203.3#

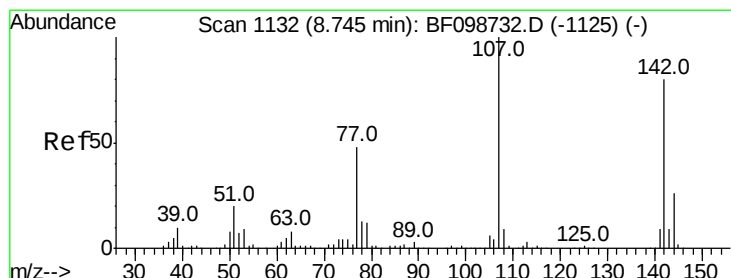
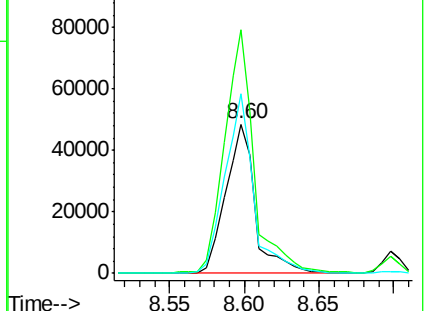
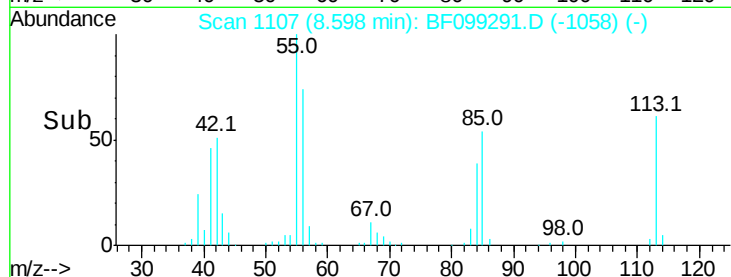
56 120.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.904 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

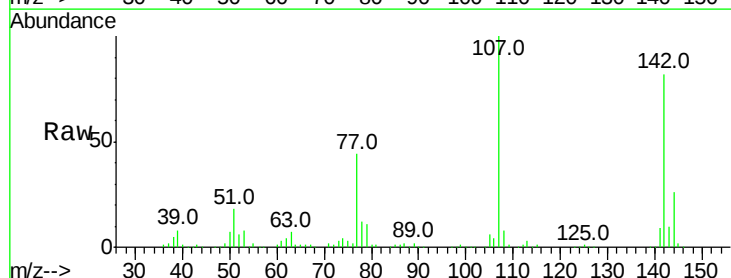
Tgt Ion:107 Resp: 231906

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

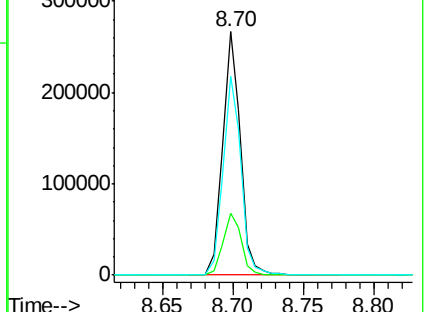
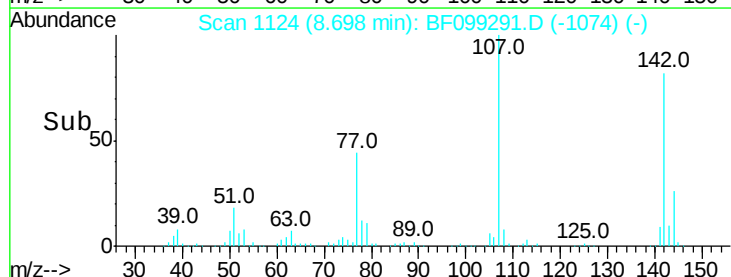
142 81.8 62.0 93.0

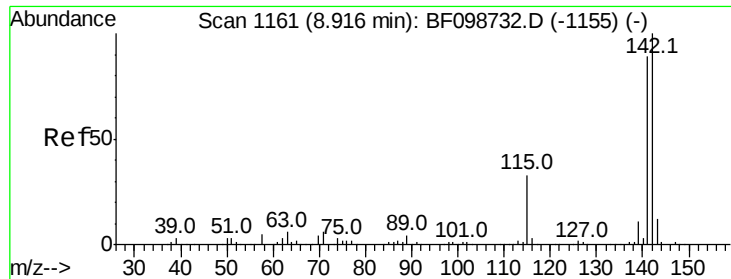


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

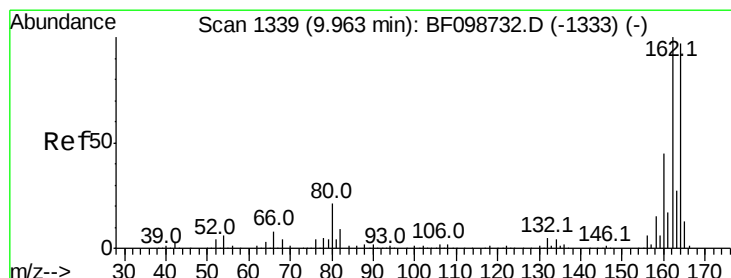
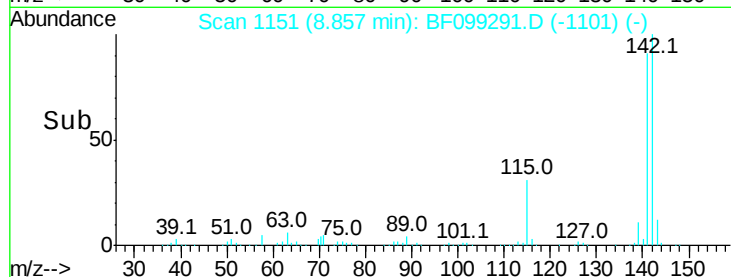
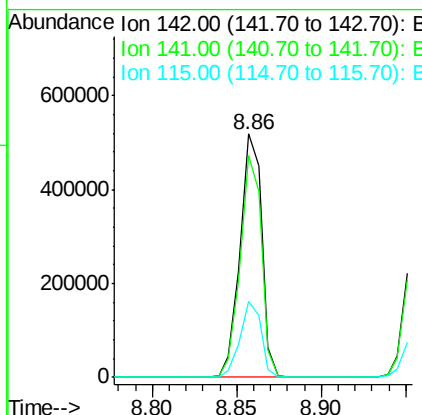
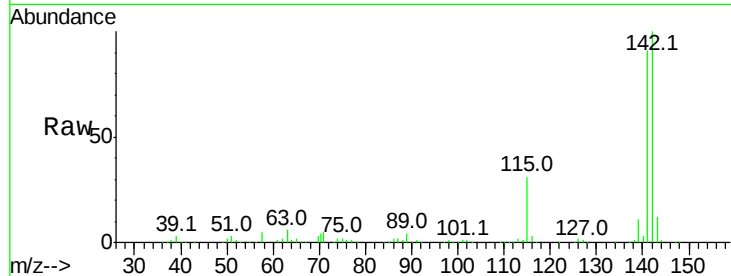




#37
 2-Methylnaphthalene
 Concen: 41.601 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

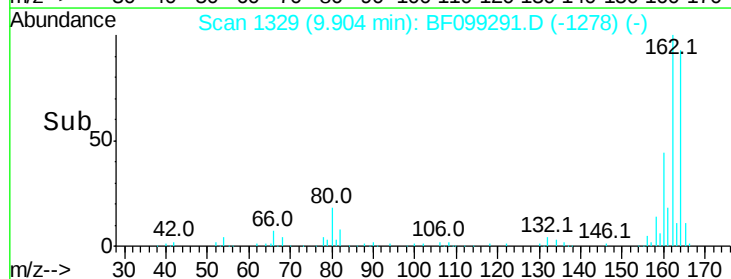
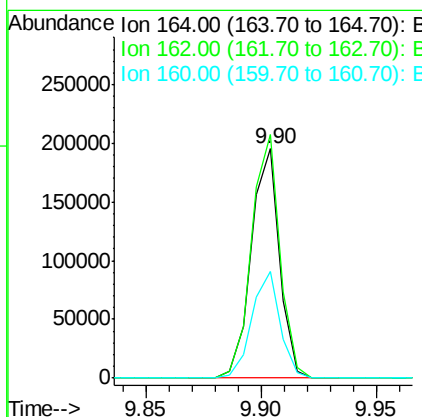
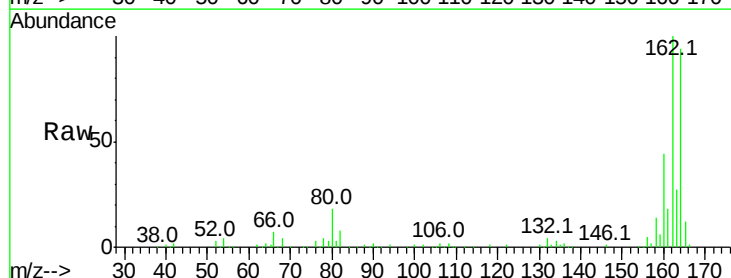
Instrument :
 BNA_F
 ClientSampleId :

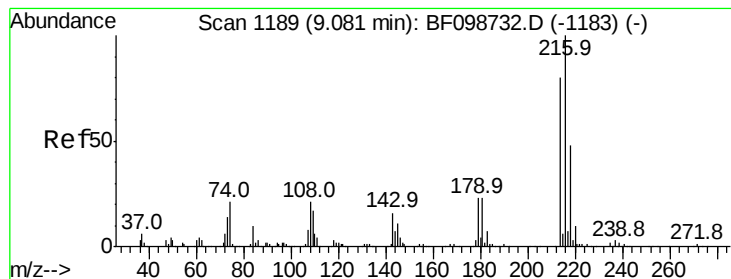
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	31.4	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	46.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.383 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 216781

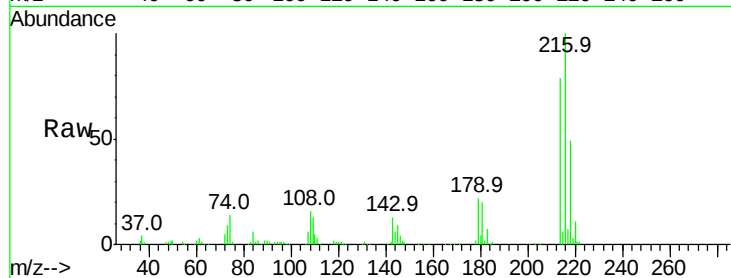
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.2 18.1 27.1

108 19.0 17.2 25.8

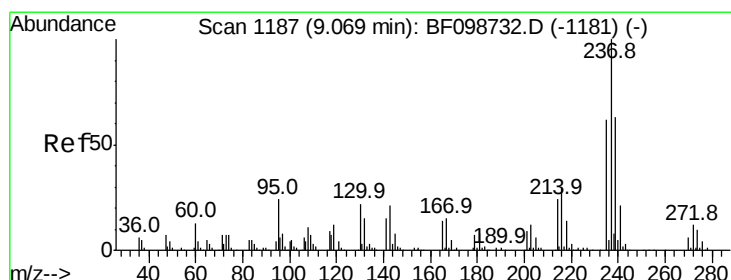
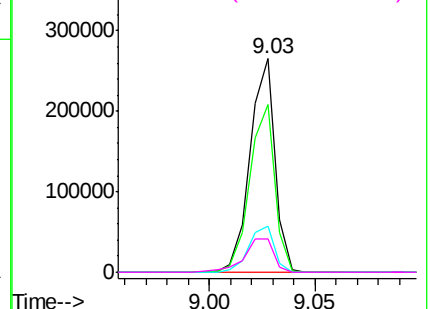
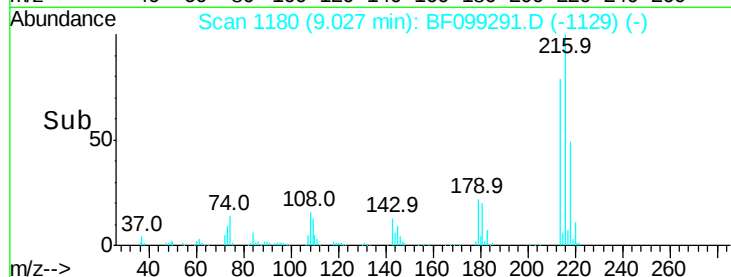


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.982 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

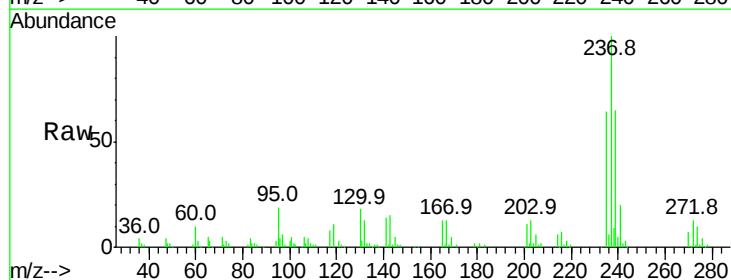
Tgt Ion:237 Resp: 105003

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

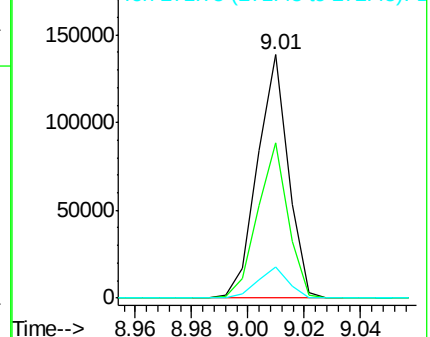
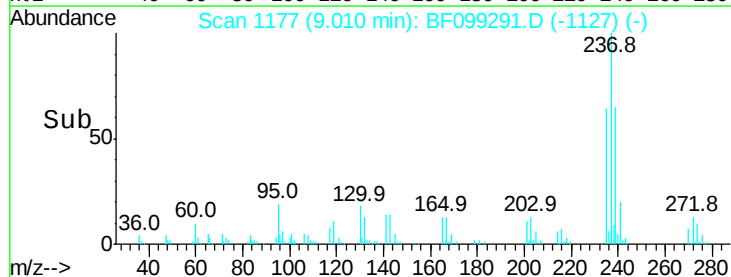
272 12.8 0.0 33.3



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

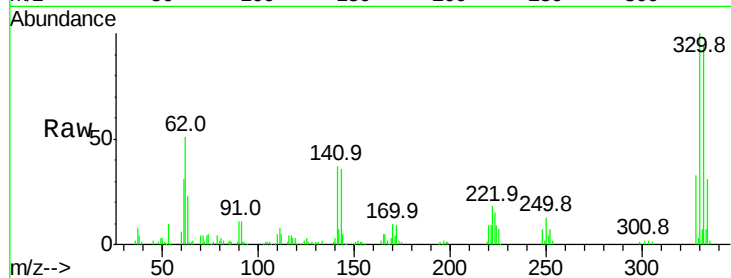




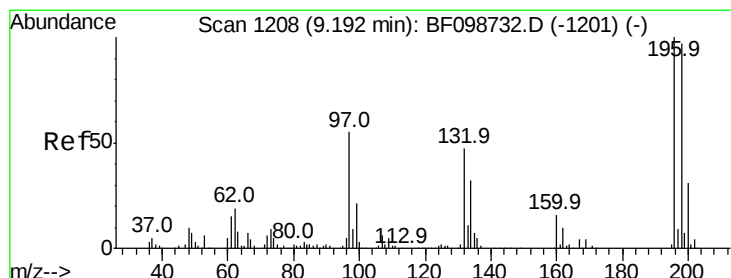
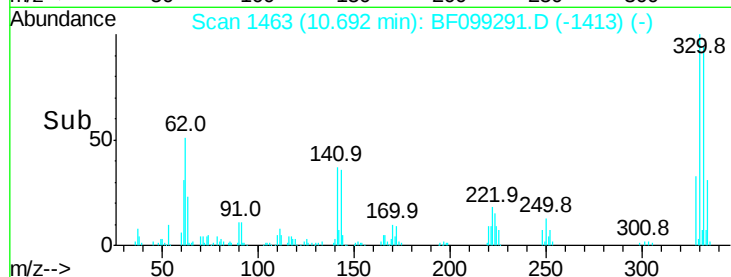
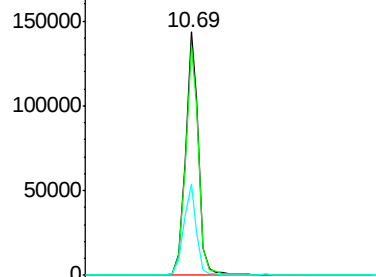
#41
 2,4,6-Tribromophenol
 Concen: 92.019 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 126162
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 36.9 29.9 44.9

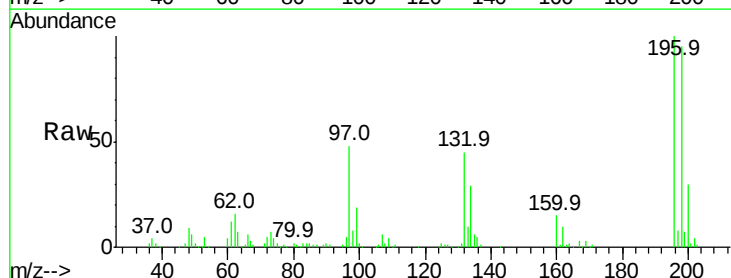


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

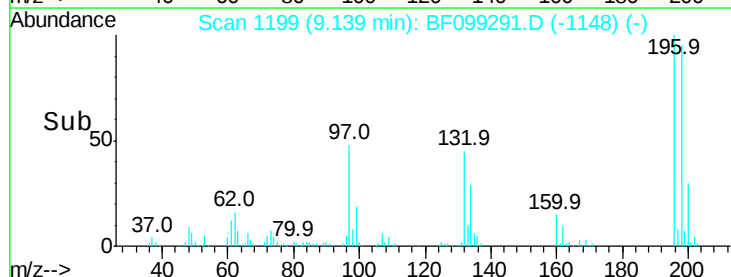
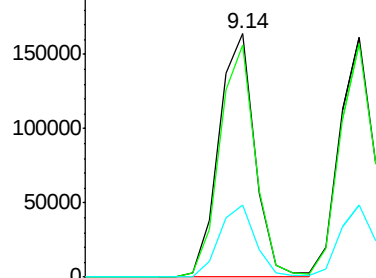


#42
 2,4,6-Trichlorophenol
 Concen: 41.199 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion:196 Resp: 145844
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 29.6 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

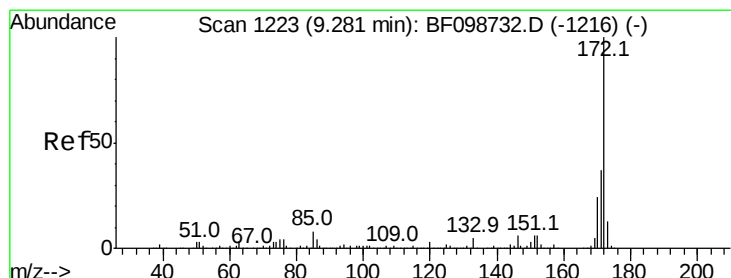
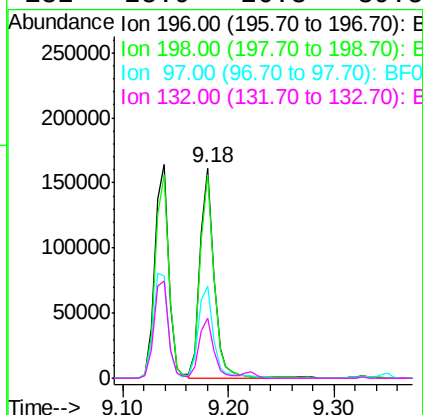
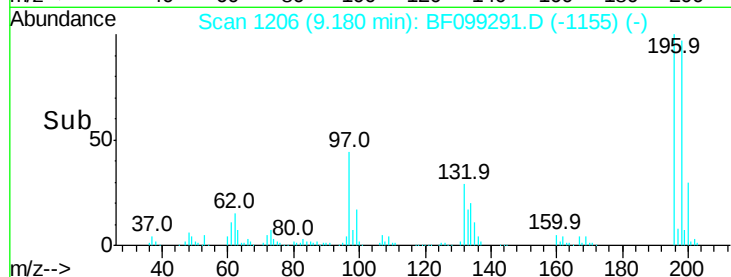
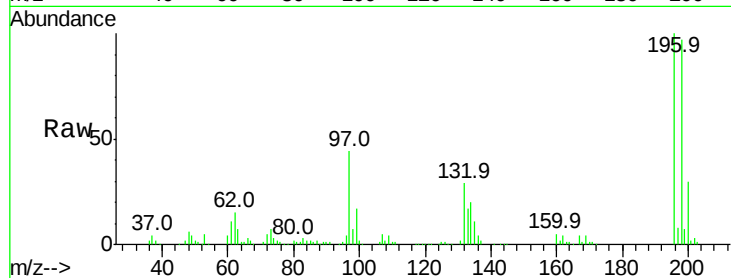




#43
 2,4,5-Trichlorophenol
 Concen: 42.163 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

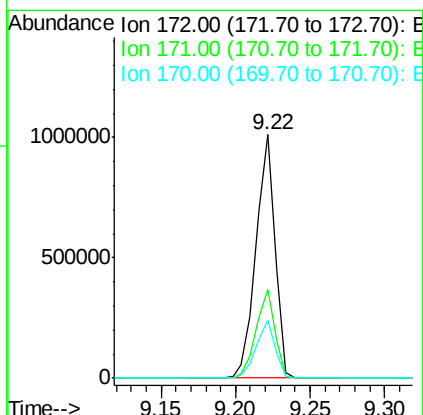
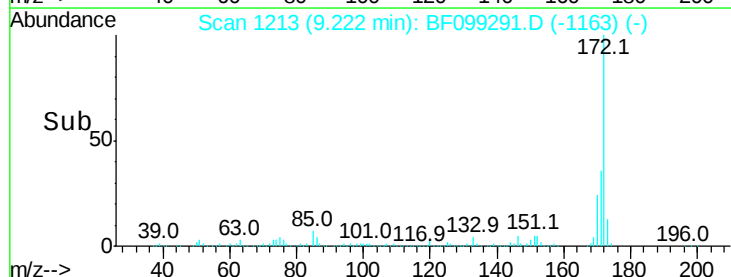
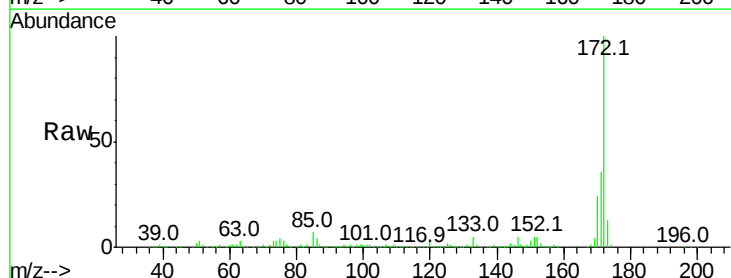
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	148996
Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	43.9	42.9	64.3
132	28.9	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 87.840 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion:	172	Resp:	881615
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 42.487 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampled :

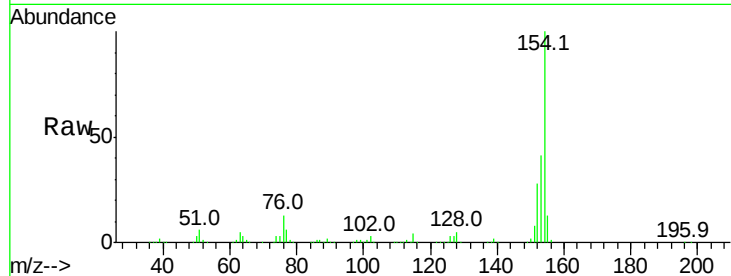
Tot Ion:154 Resp: 611825

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

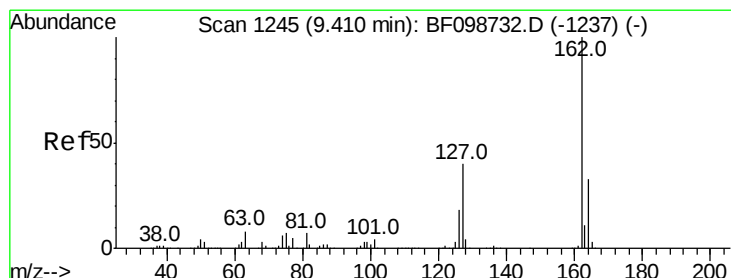
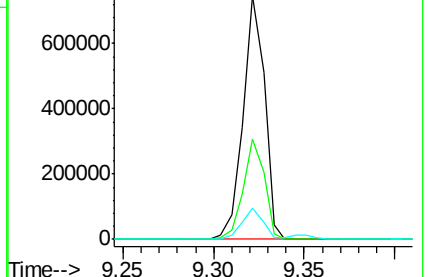
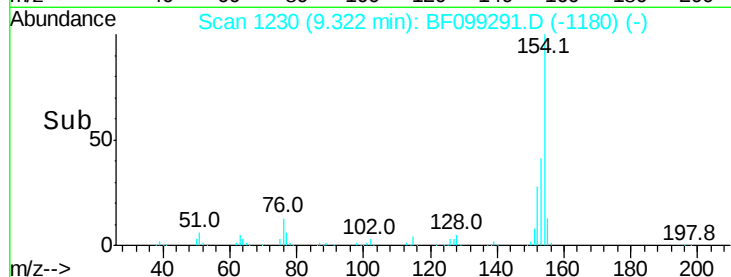
76 13.0 0.0 34.0



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: 42.785 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

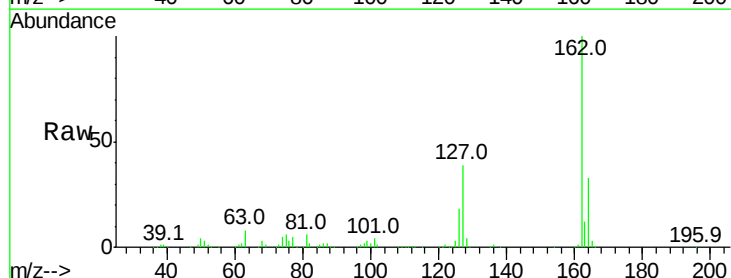
Tgt Ion:162 Resp: 462587

Ion Ratio Lower Upper

162 100

127 38.7 33.9 50.9

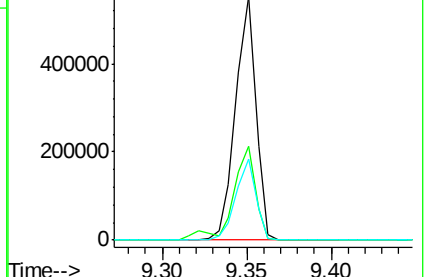
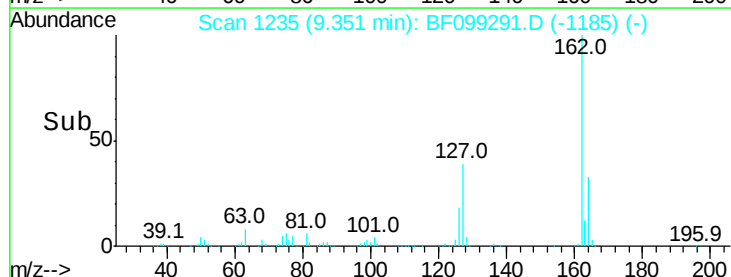
164 33.4 26.5 39.7

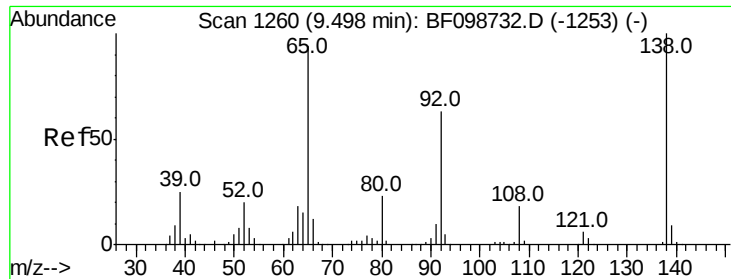


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

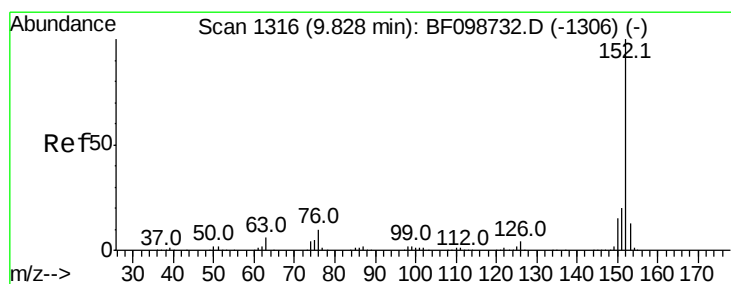
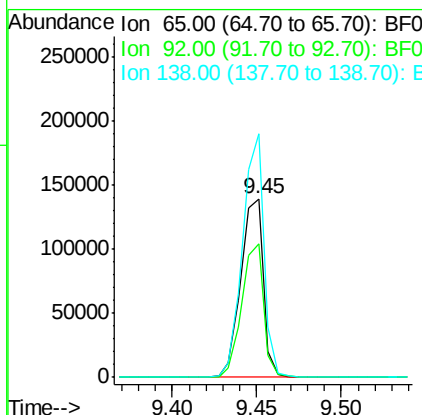
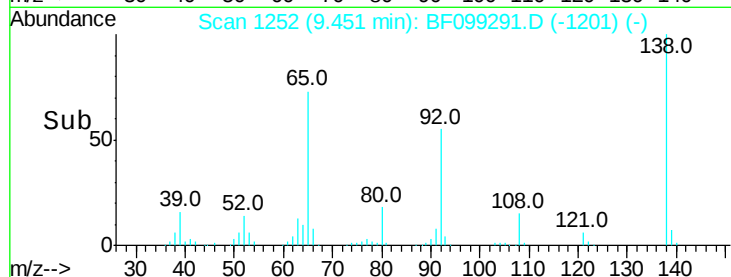
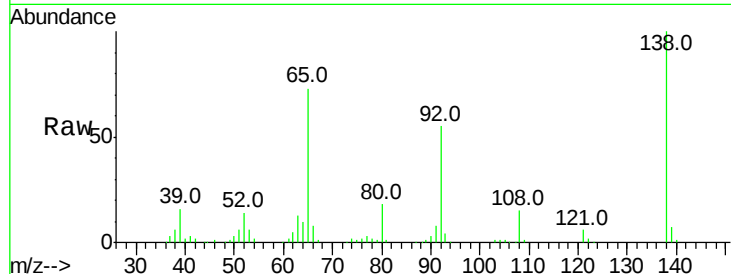




#47
2-Nitroaniline
Concen: 39.378 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

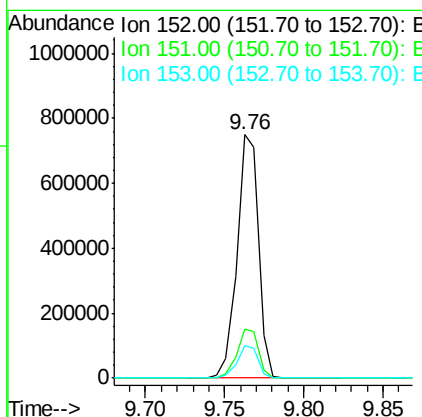
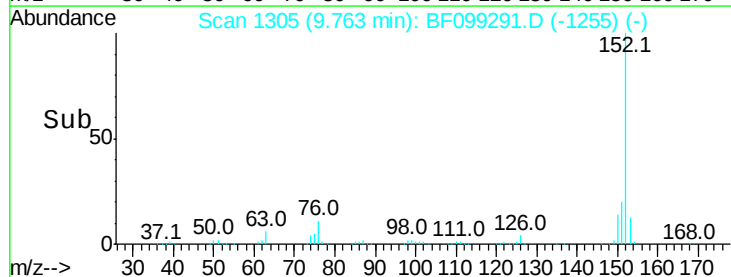
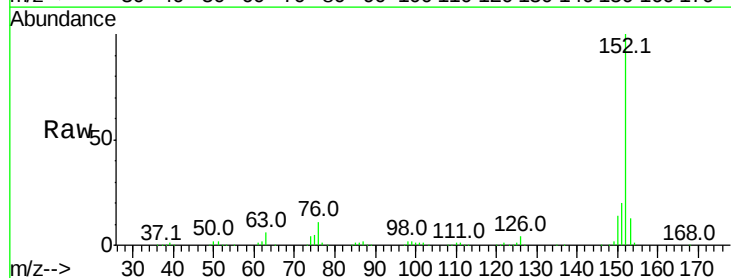
Instrument :
BNA_F
ClientSampled :

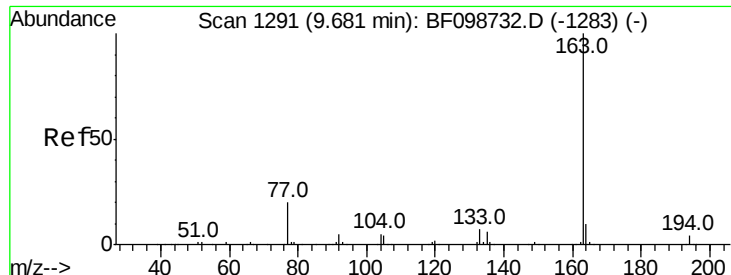
Tot Ion: 65 Resp: 130367
Ion Ratio Lower Upper
65 100
92 75.0 55.8 83.6
138 136.4 91.2 136.8



#48
Acenaphthylene
Concen: 42.329 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:152 Resp: 700598
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 10.7 16.1

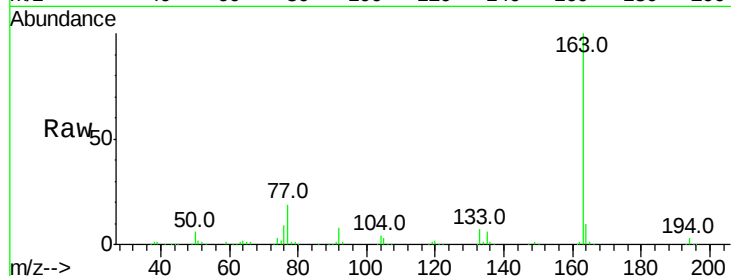




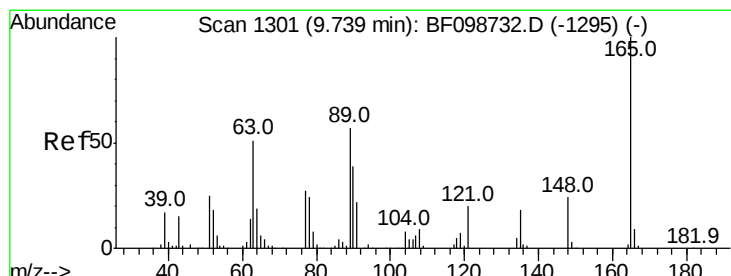
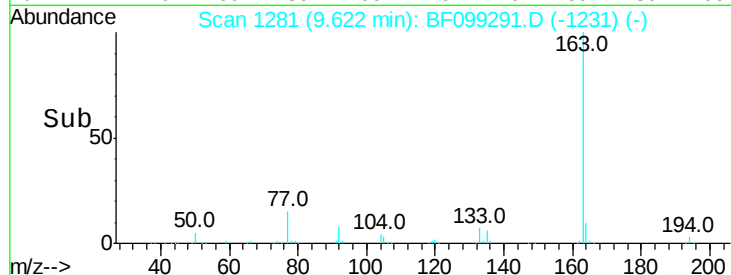
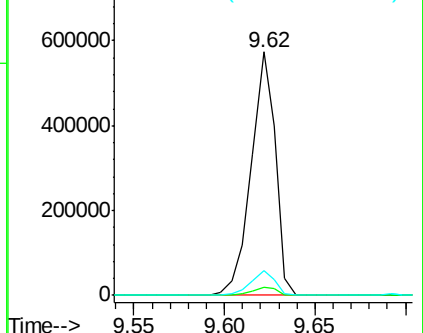
#49
Dimethylphthalate
Concen: 42.098 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 532373
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2

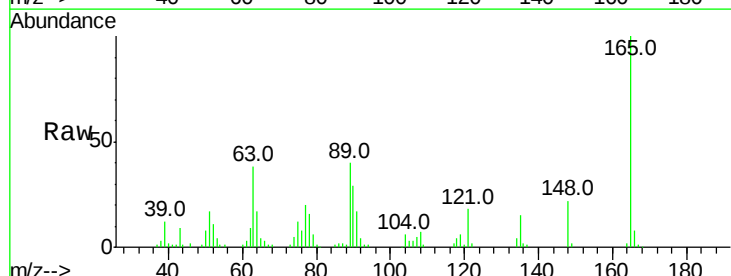


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

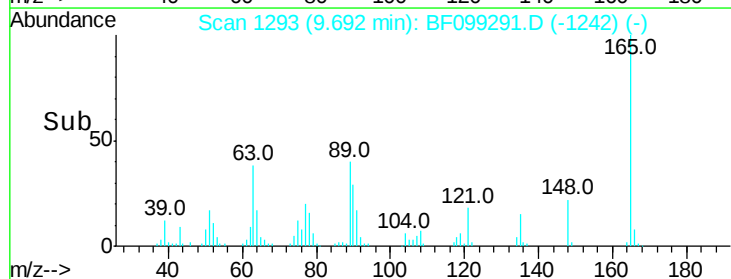
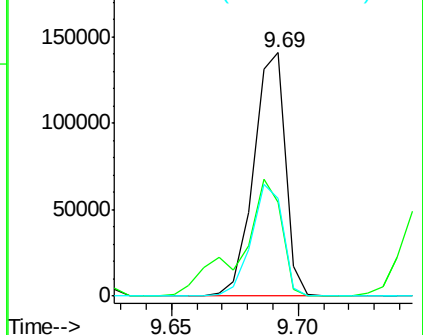


#50
2,6-Dinitrotoluene
Concen: 44.617 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:165 Resp: 122836
Ion Ratio Lower Upper
165 100
63 38.3 44.7 67.1#
89 39.9 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: 39.357 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

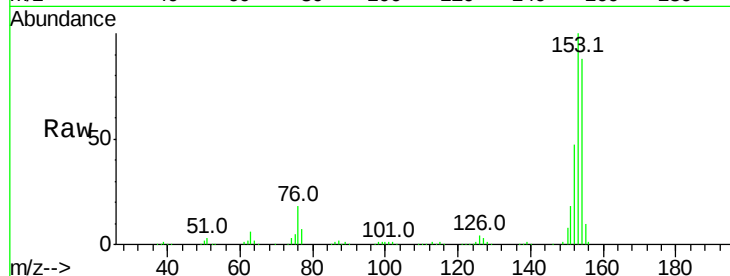
Tot Ion:154 Resp: 412639

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

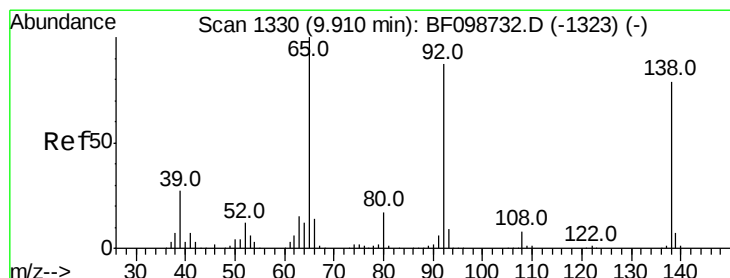
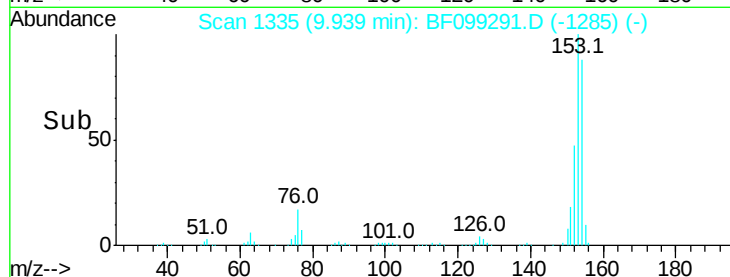
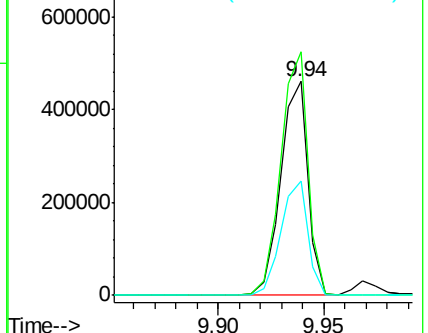
152 53.7 43.8 65.8



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: 44.409 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

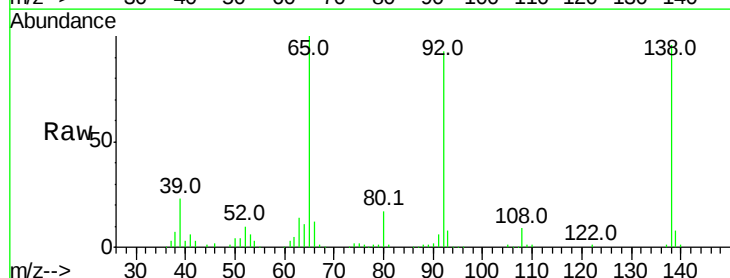
Tgt Ion:138 Resp: 142558

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

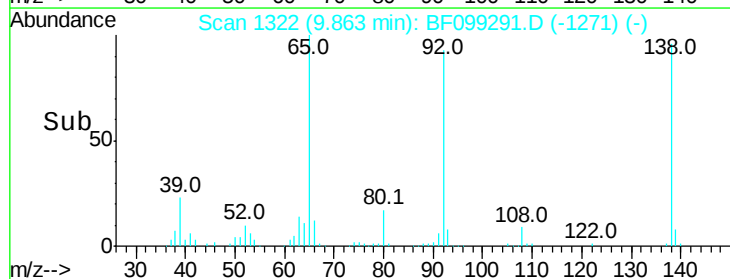
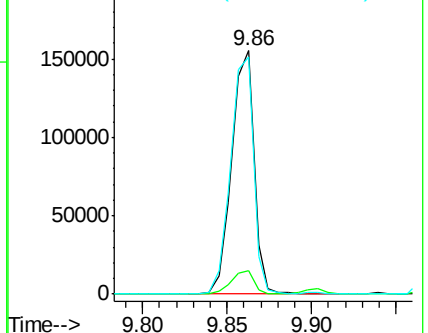
92 97.4 89.4 134.2



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

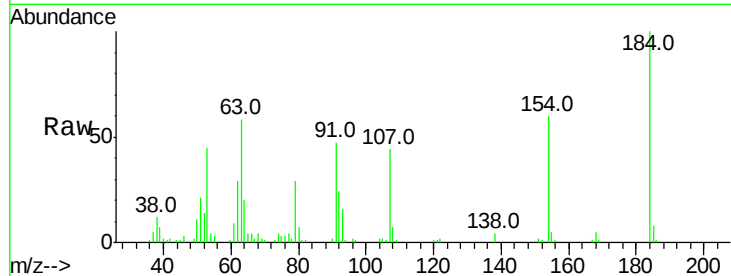




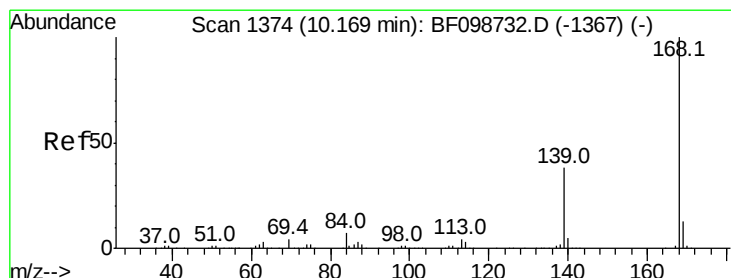
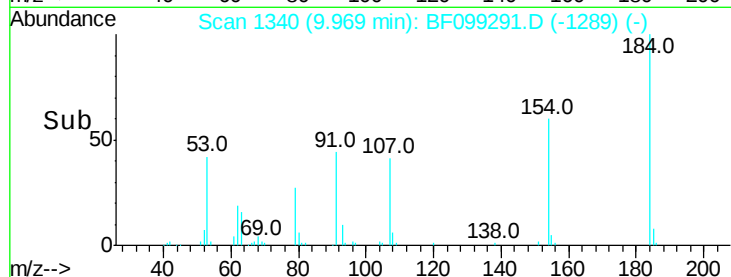
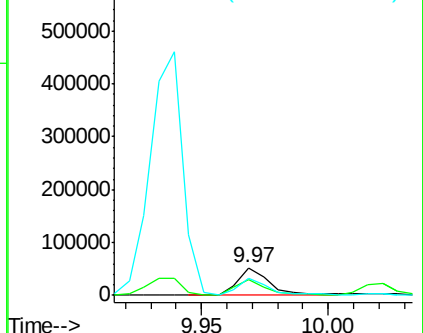
#53
2,4-Dinitrophenol
Concen: 35.480 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 45841
Ion Ratio Lower Upper
184 100
63 58.1 54.2 81.2
154 60.2 53.5 80.3

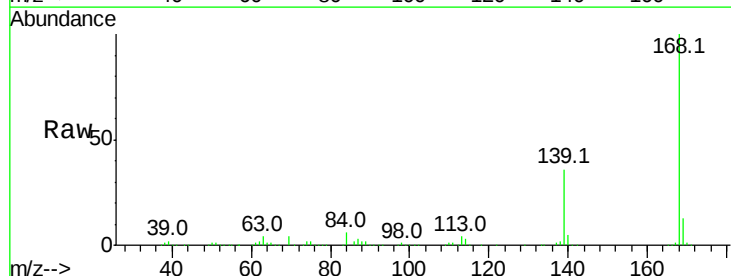


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

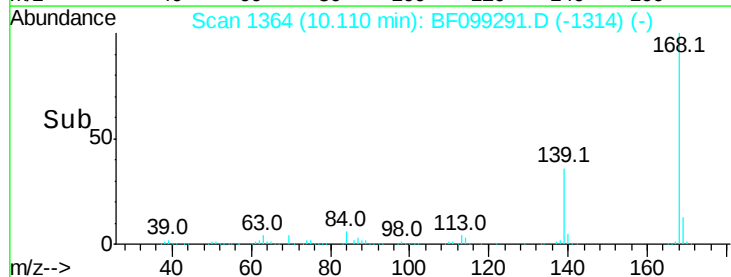
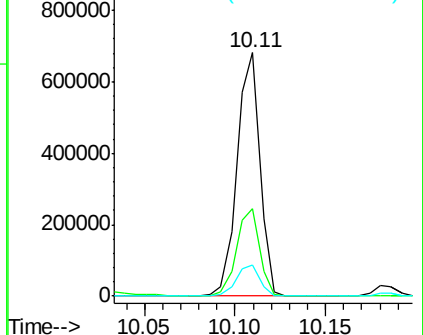


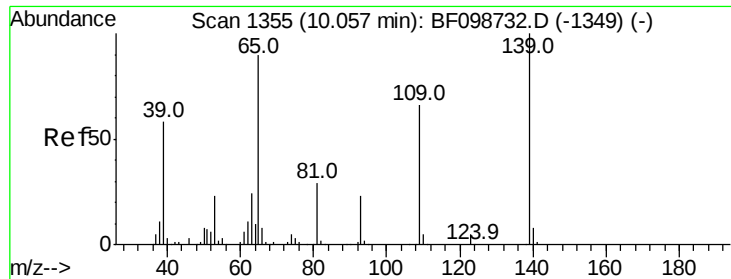
#54
Dibenzofuran
Concen: 42.744 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:168 Resp: 596683
Ion Ratio Lower Upper
168 100
139 36.1 30.1 45.1
169 12.9 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

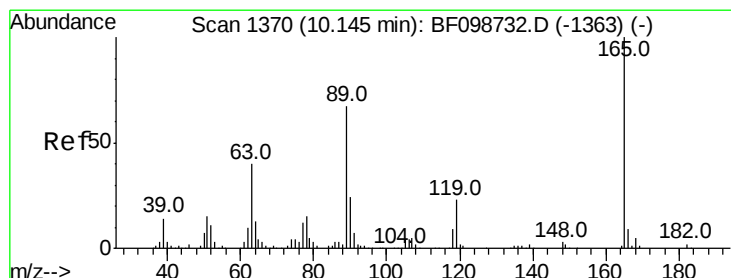
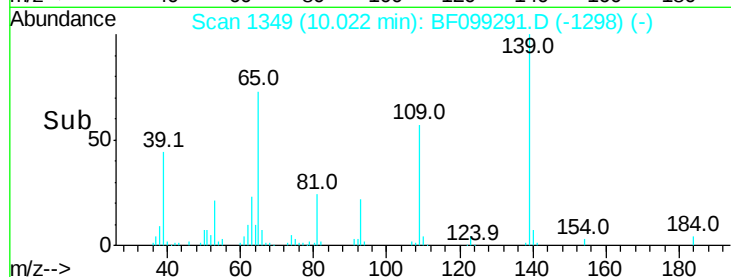
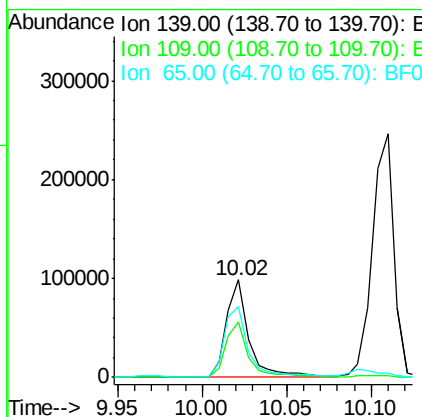
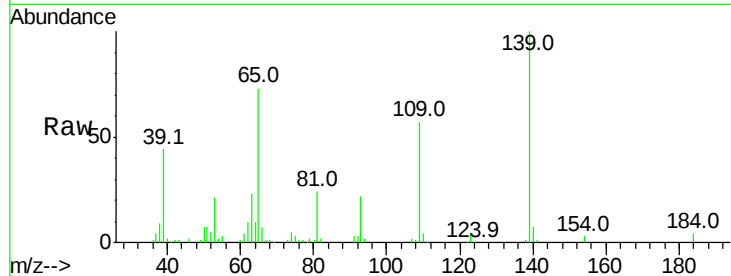




#55
4-Nitrophenol
Concen: 34.109 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

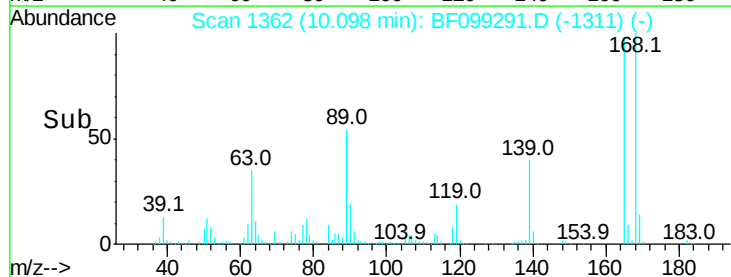
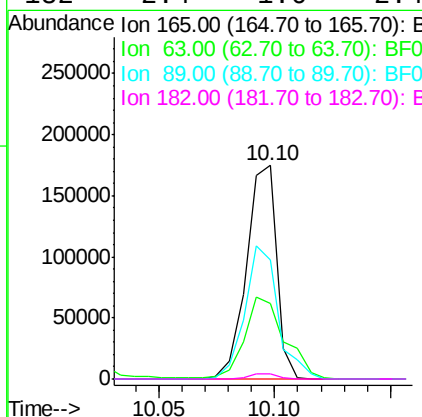
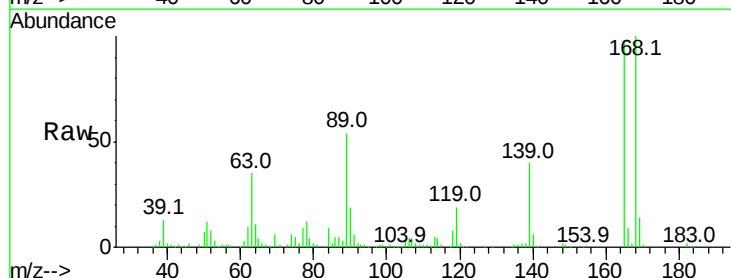
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 92585
Ion Ratio Lower Upper
139 100
109 57.2 48.4 88.4
65 73.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.881 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:165 Resp: 160362
Ion Ratio Lower Upper
165 100
63 35.5 36.4 54.6#
89 55.7 57.8 86.6#
182 2.4 1.6 2.4#

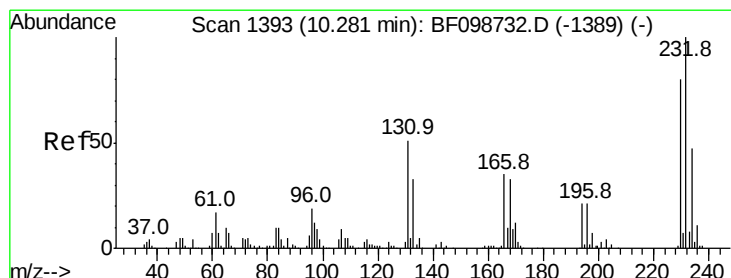
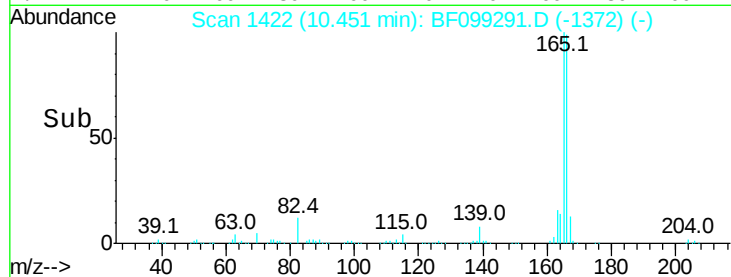
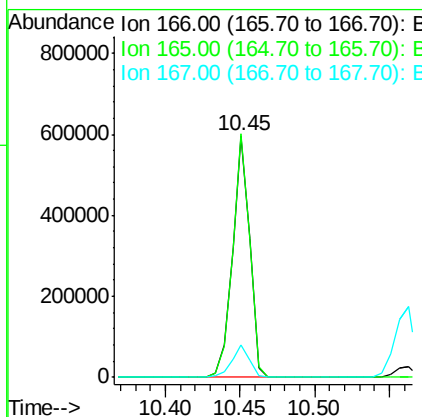
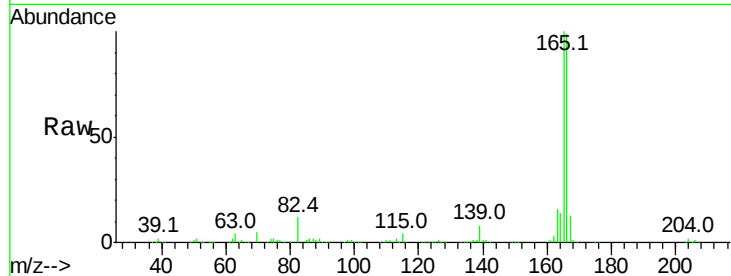




#57
 Fluorene
 Concen: 43.453 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

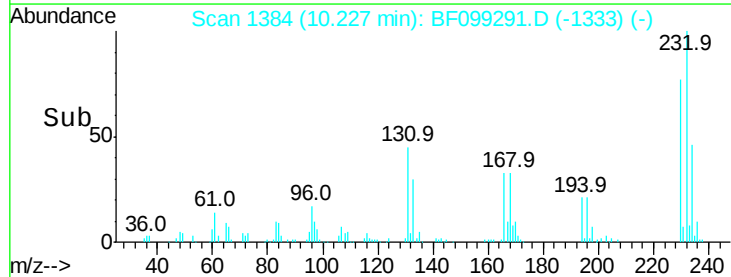
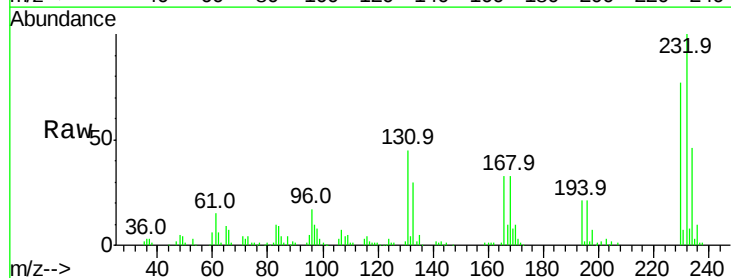
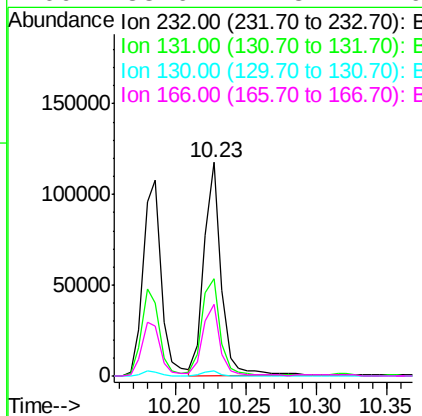
Instrument :
 BNA_F
 ClientSampleId :

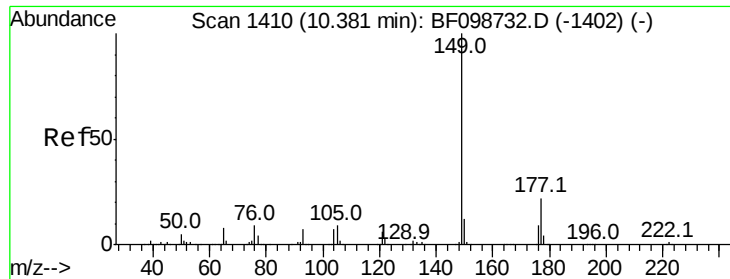
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.847 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.4	43.8	65.8
130	2.5	2.1	3.1
166	33.6	27.8	41.6

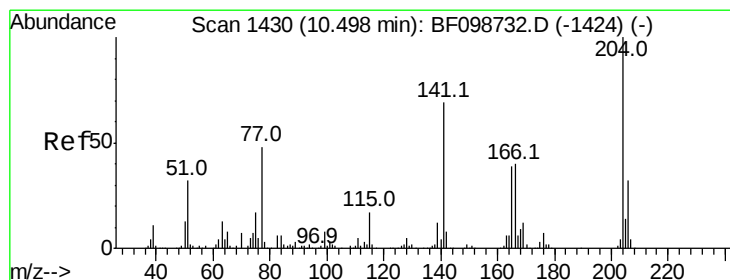
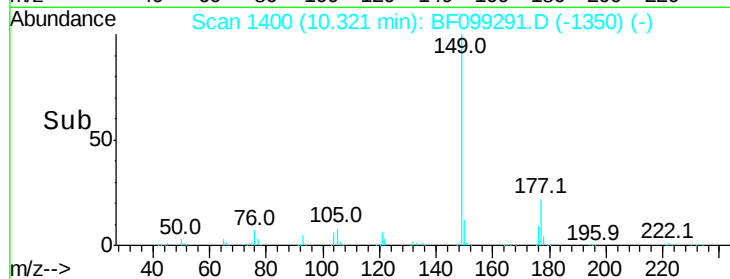
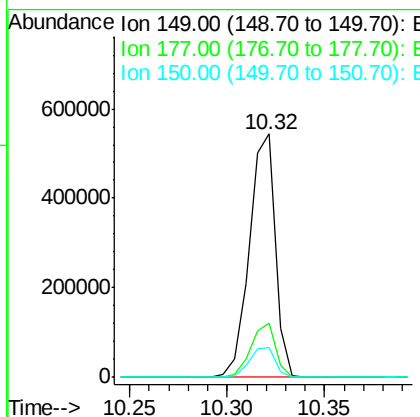
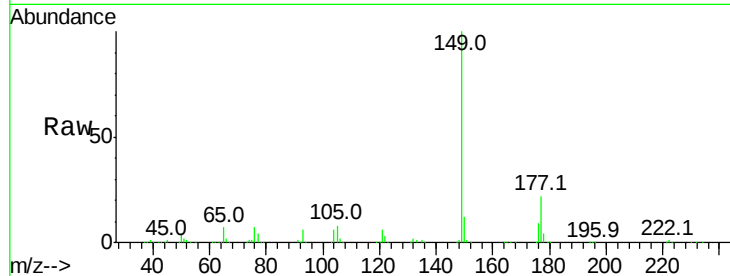




#59
Diethylphthalate
Concen: 40.528 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

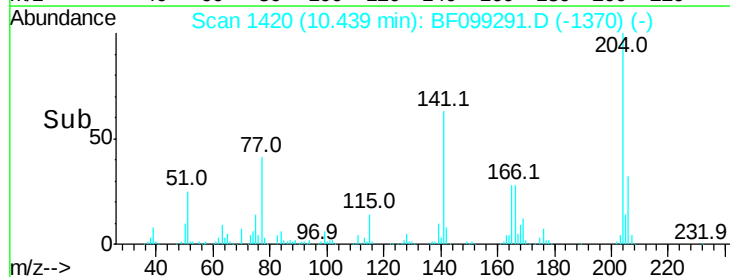
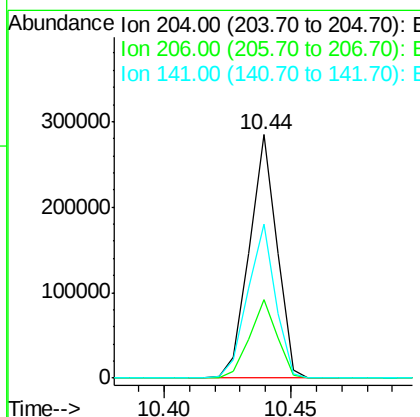
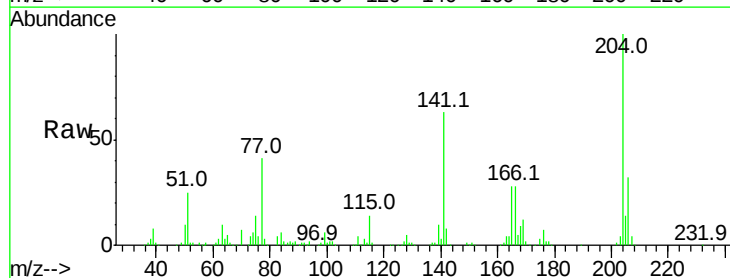
Instrument :
BNA_F
ClientSampleId :

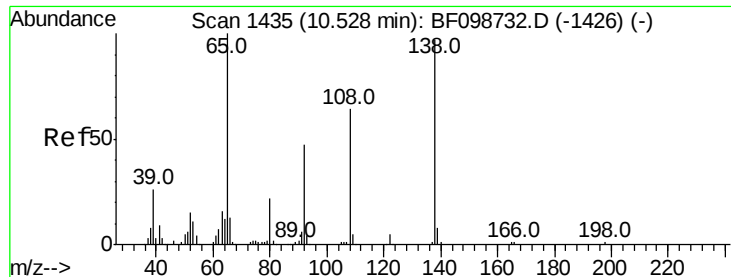
Tot Ion:149 Resp: 500798
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.834 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:204 Resp: 215886
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 63.3 54.6 81.8

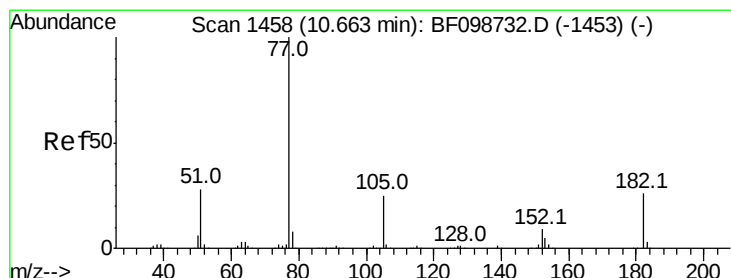
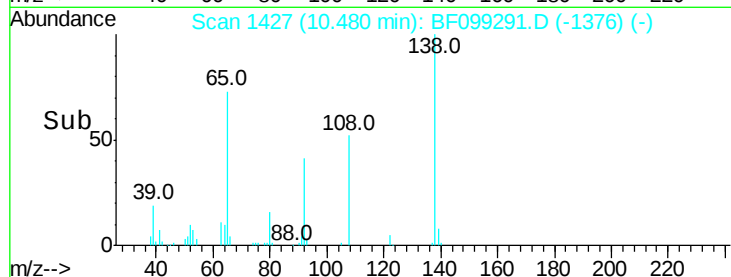
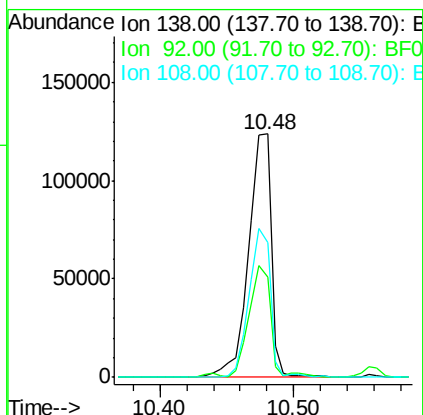
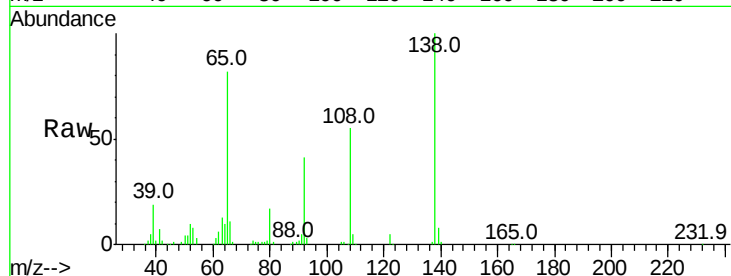




#61
4-Nitroaniline
Concen: 46.735 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

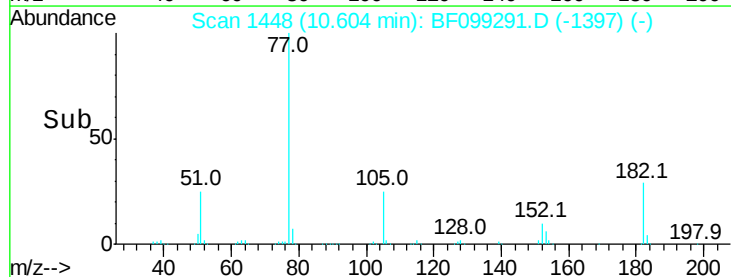
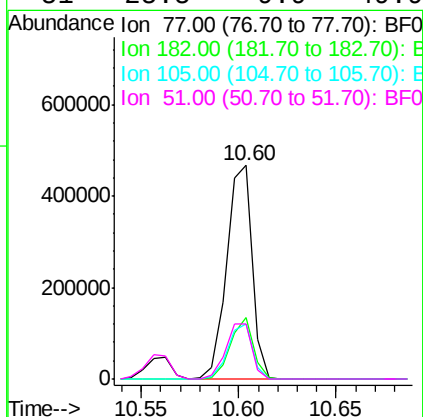
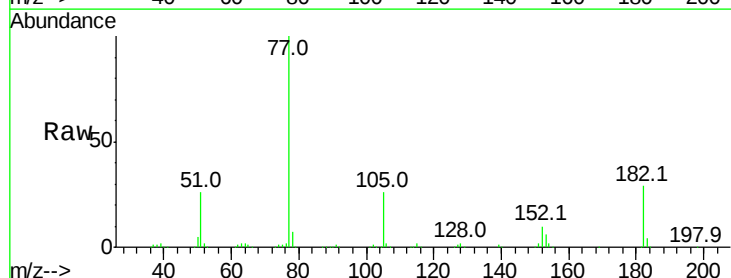
Instrument :
BNA_F
ClientSampled :

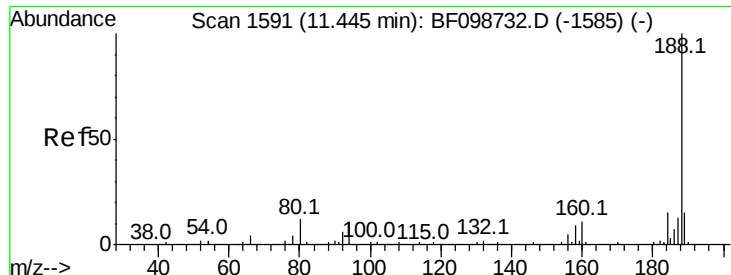
Tot Ion:138 Resp: 144739
Ion Ratio Lower Upper
138 100
92 41.0 30.2 70.2
108 55.5 52.5 92.5



#62
Azobenzene
Concen: 37.198 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion: 77 Resp: 422635
Ion Ratio Lower Upper
77 100
182 29.1 1.7 41.7
105 25.7 3.0 43.0
51 25.5 9.9 49.9

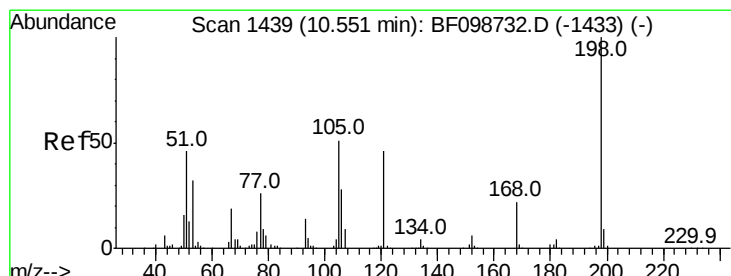
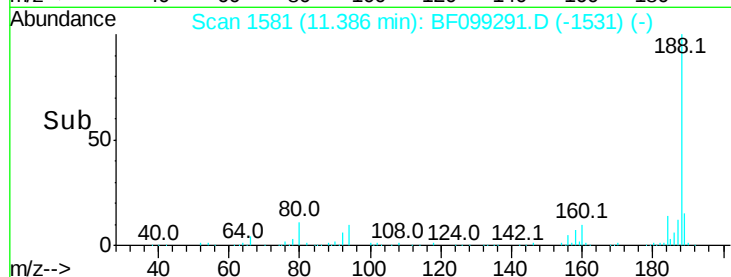
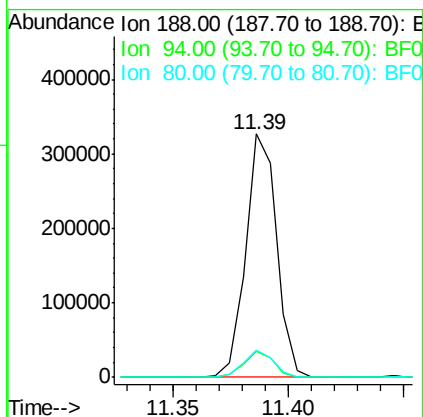
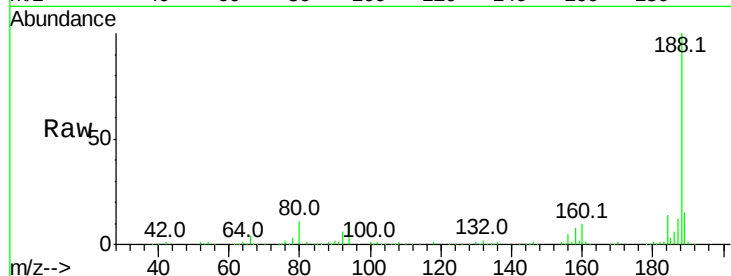




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

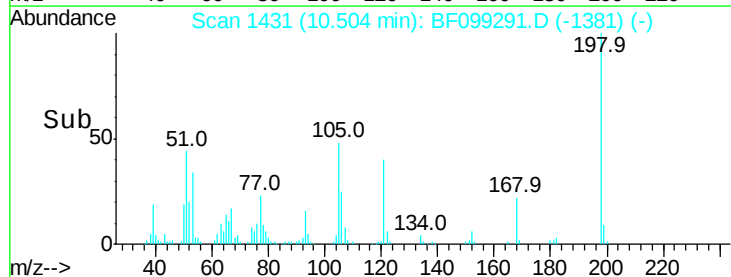
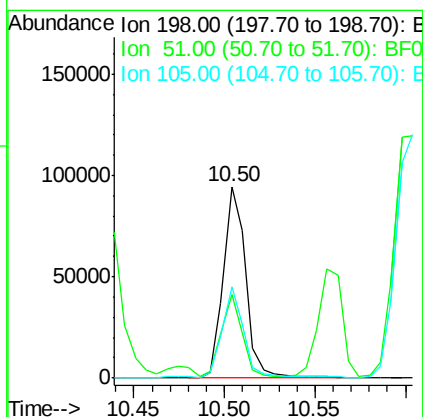
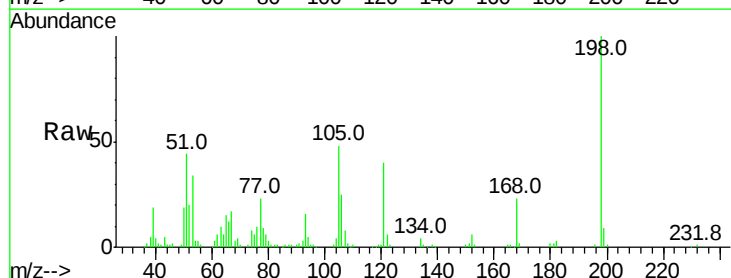
Instrument :
 BNA_F
 ClientSampleId :

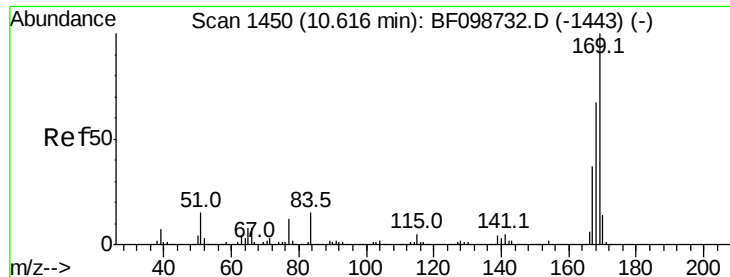
Tot Ion:188 Resp: 305559
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.132 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion:198 Resp: 82045
 Ion Ratio Lower Upper
 198 100
 51 43.8 37.7 77.7
 105 47.8 36.3 76.3

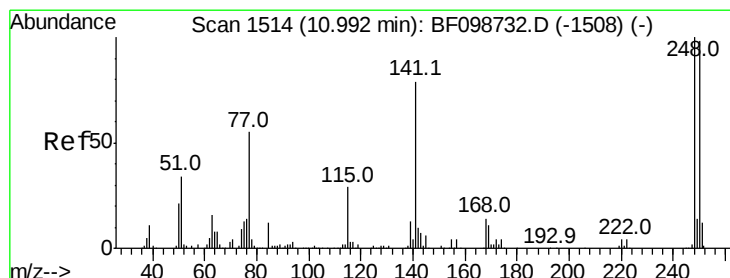
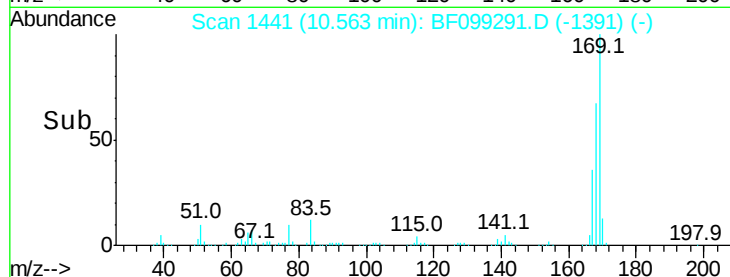
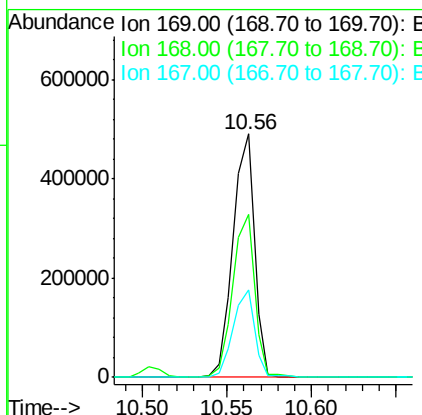
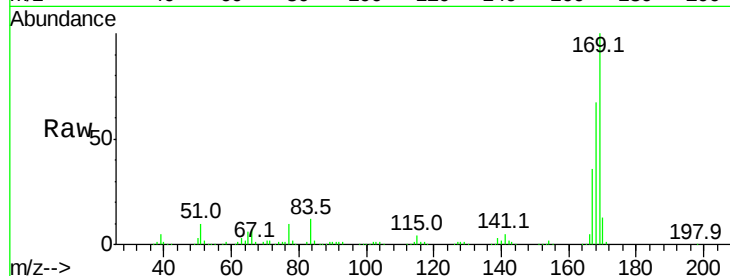




#65
 n-Nitrosodiphenylamine
 Concen: 41.001 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

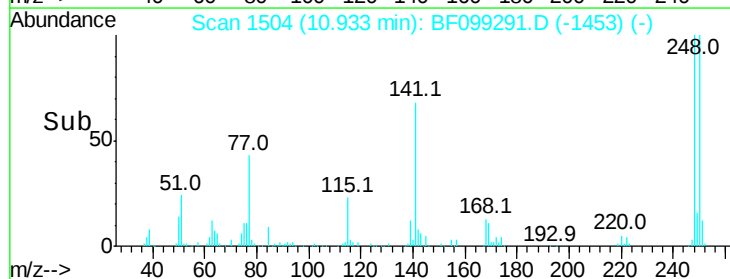
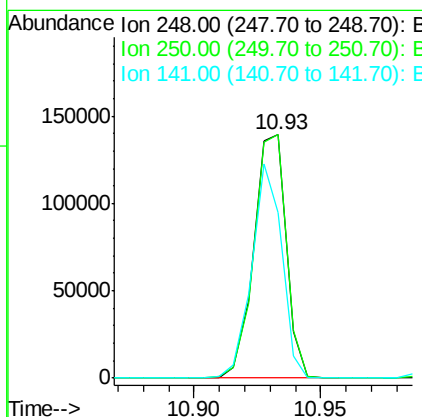
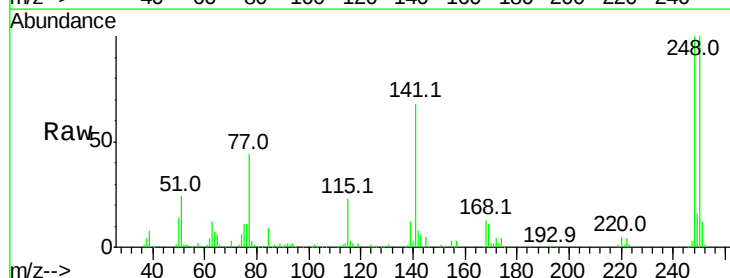
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 434020
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.4 81.6
 167 35.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.801 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion:248 Resp: 125024
 Ion Ratio Lower Upper
 248 100
 250 100.2 76.9 115.3
 141 68.4 74.4 111.6#

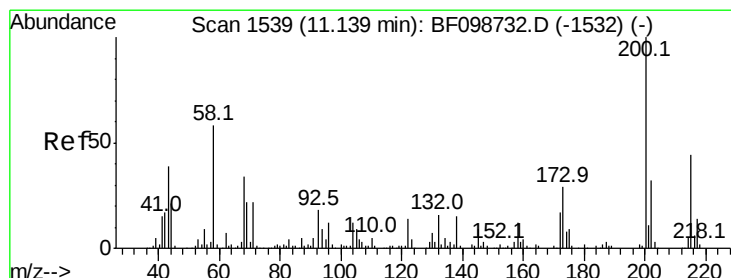
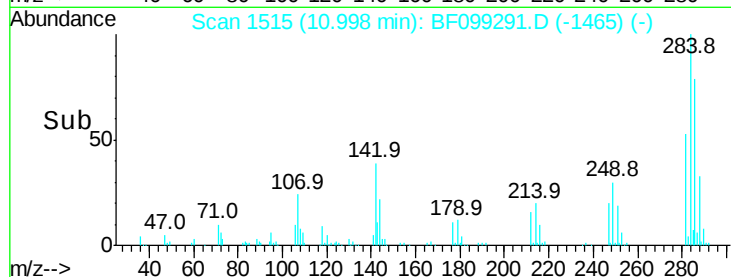
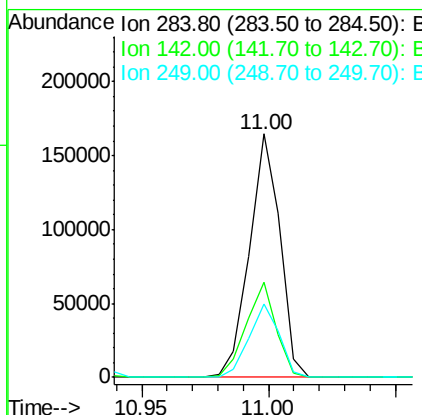
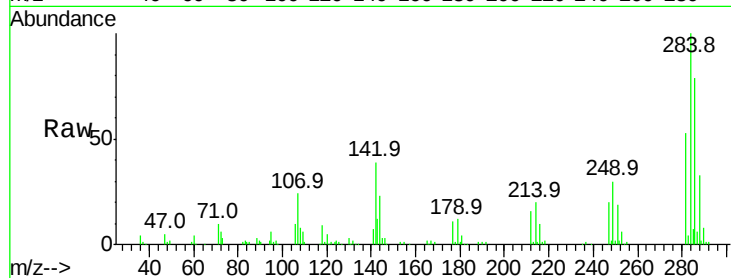




#67
Hexachlorobenzene
Concen: 43.105 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

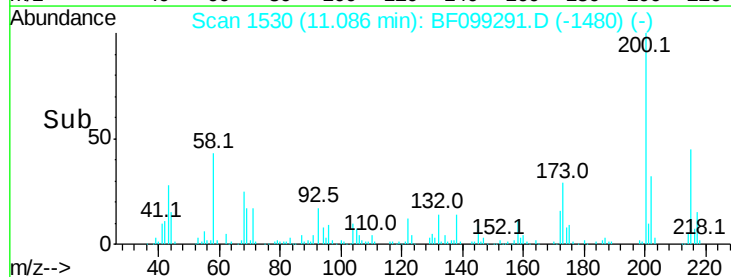
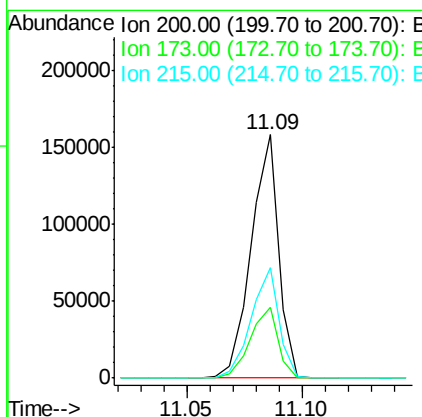
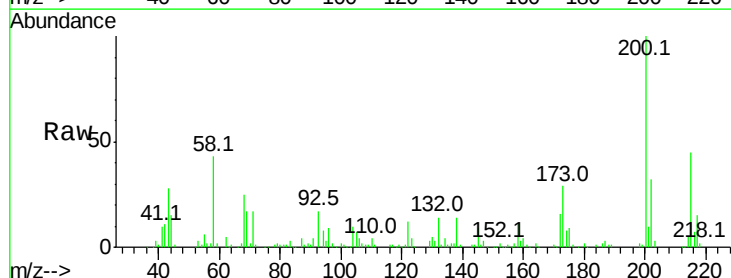
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.9	34.6	52.0
249	30.3	24.8	37.2



#68
Atrazine
Concen: 41.471 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.6	48.6
215	45.2	25.1	65.1

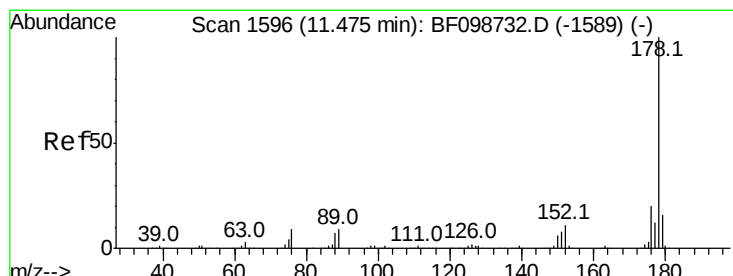
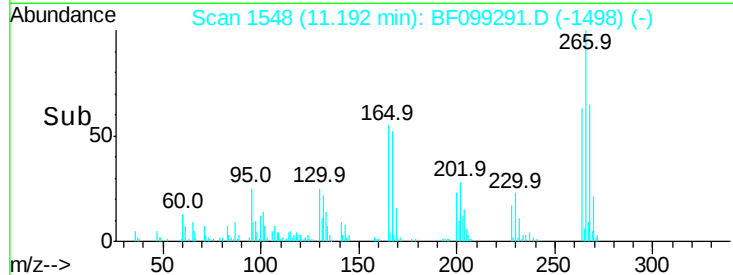
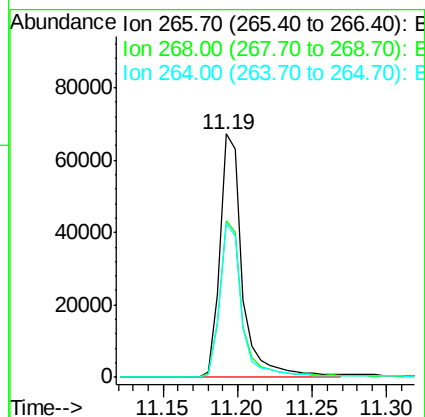
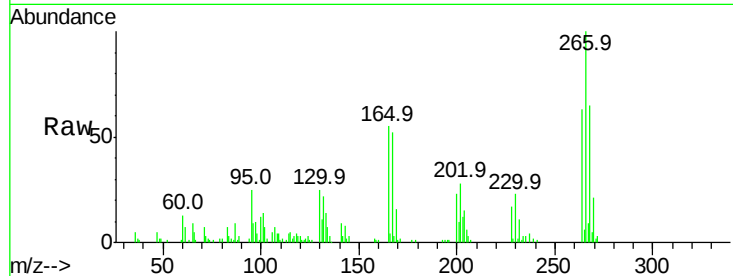




#69
 Pentachlorophenol
 Concen: 36.054 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

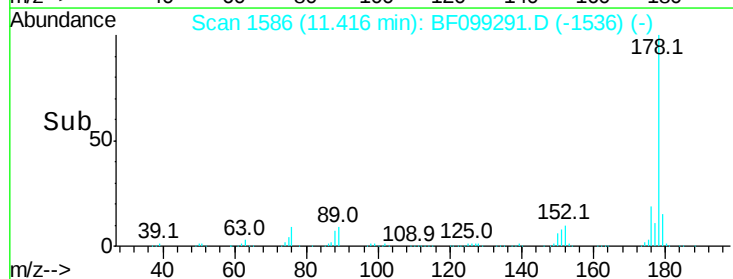
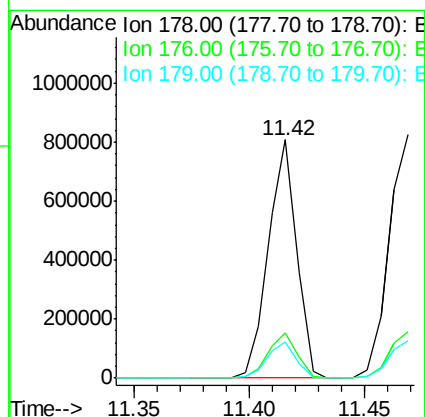
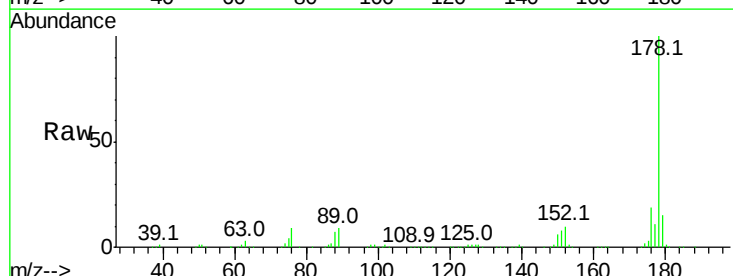
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 71678
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 42.106 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion:178 Resp: 688671
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.3 13.0 19.6

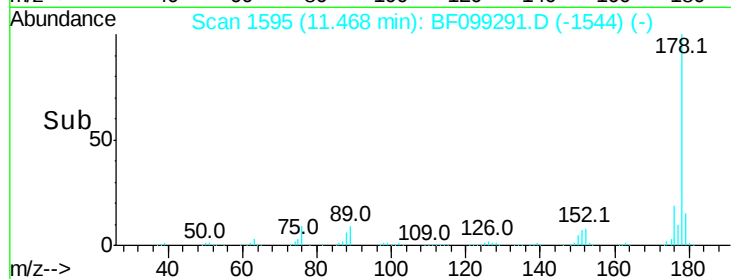
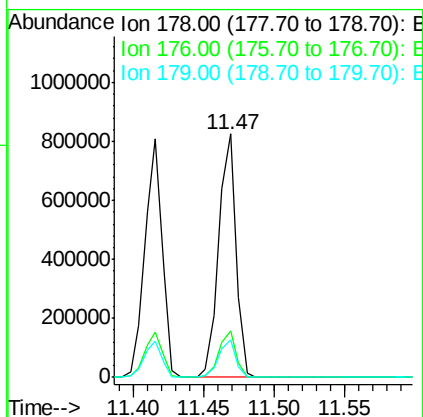
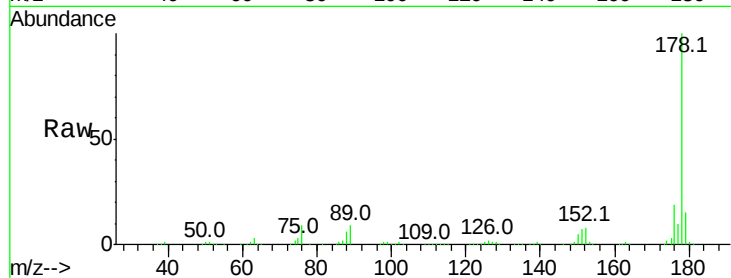




#71
 Anthracene
 Concen: 42.114 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

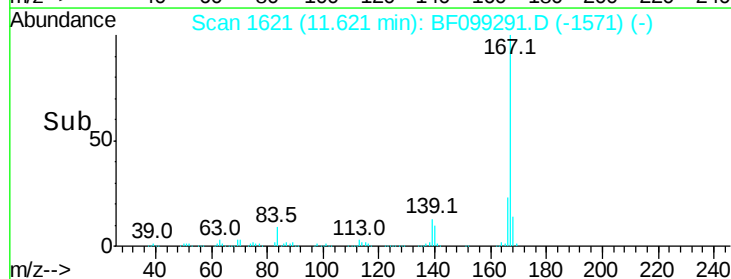
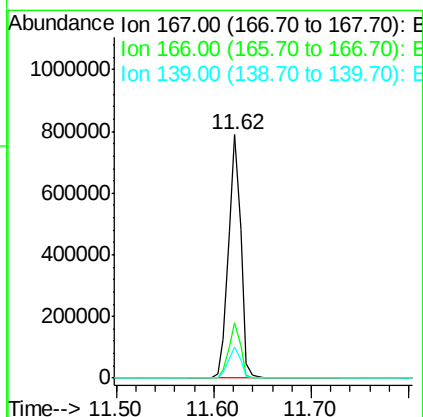
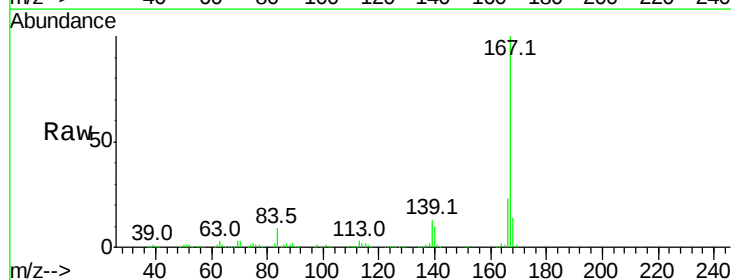
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 704775
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 42.215 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion:167 Resp: 691827
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.652 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

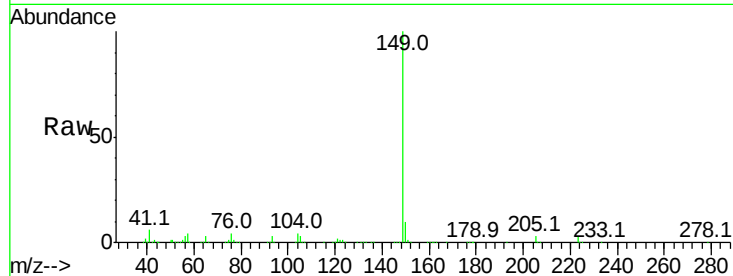
Tot Ion:149 Resp: 782165

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

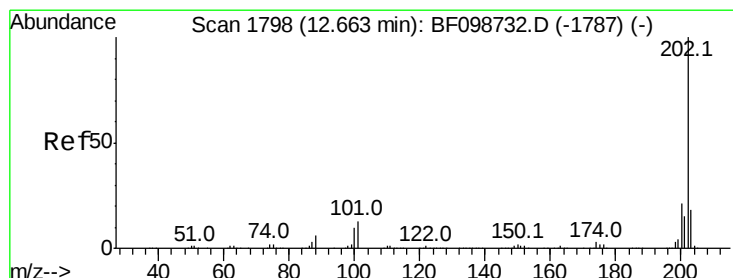
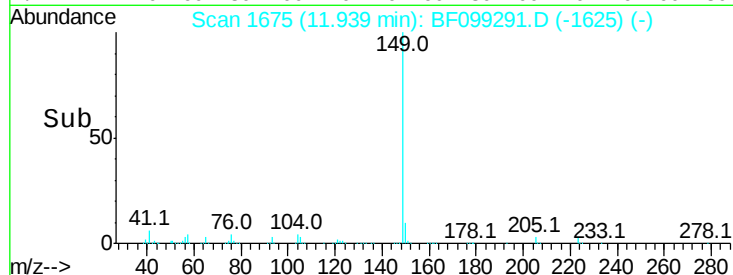
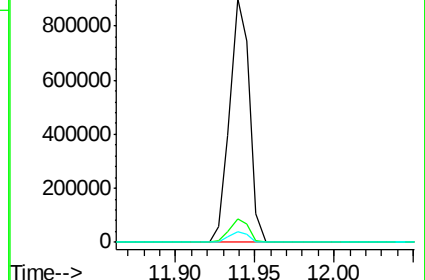
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.731 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

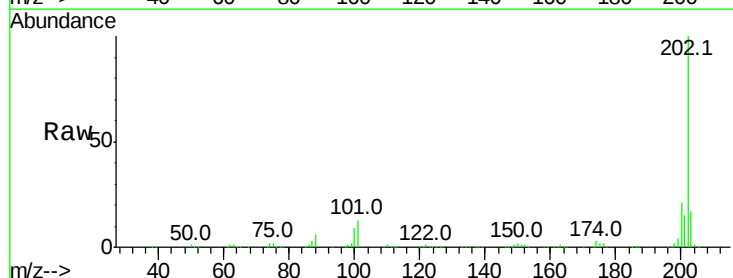
Tgt Ion:202 Resp: 707719

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

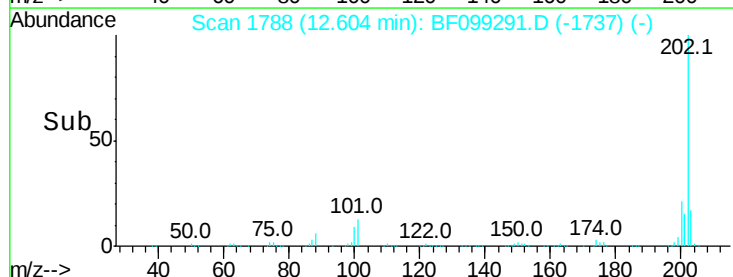
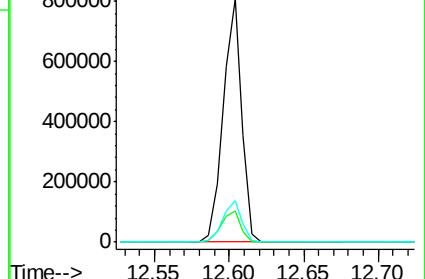
203 17.3 0.0 38.1

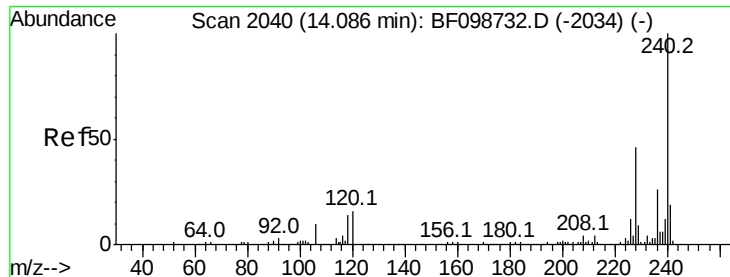


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

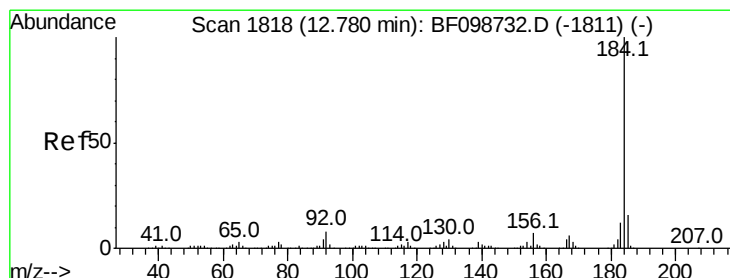
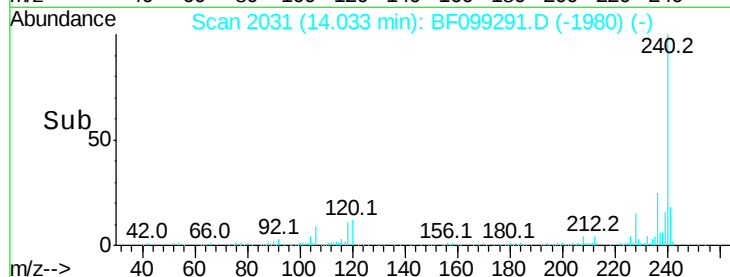
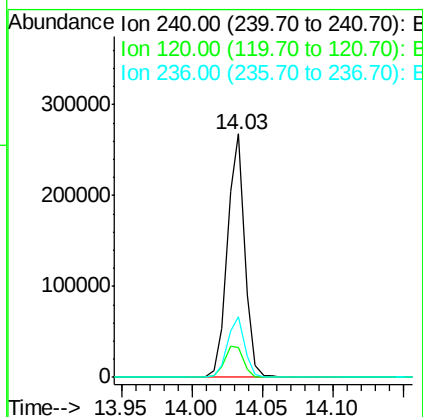
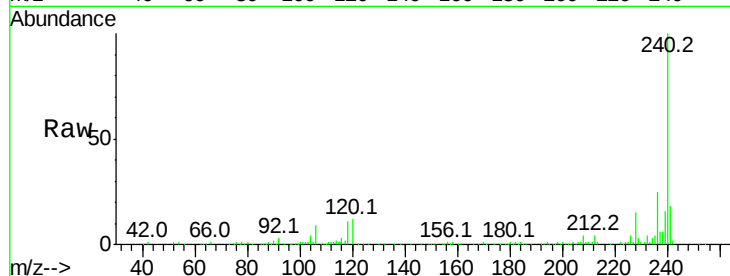




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

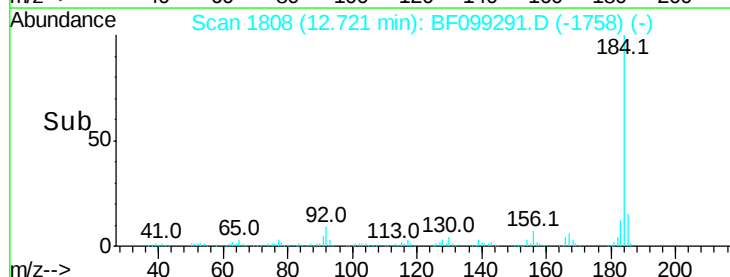
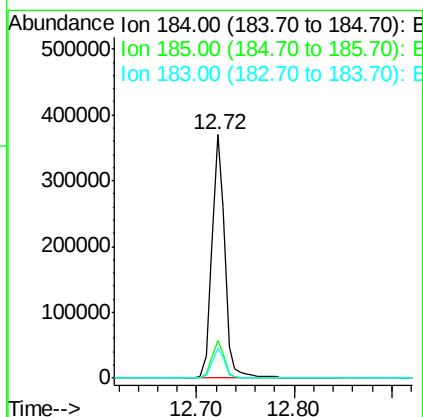
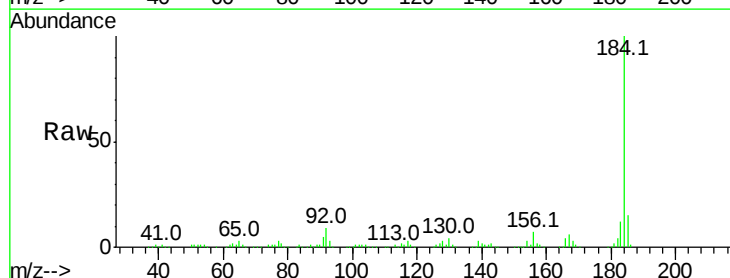
Instrument :
 BNA_F
 ClientSampleId :

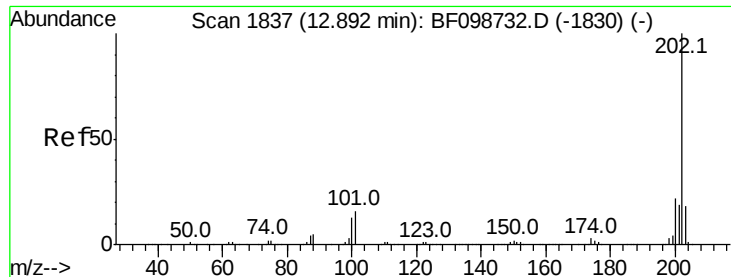
Tot Ion:240 Resp: 228215
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 24.8 20.7 31.1



#76
 Benzidine
 Concen: 40.131 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion:184 Resp: 338743
 Ion Ratio Lower Upper
 184 100
 185 15.5 12.6 18.8
 183 12.0 9.3 13.9





#77

Pvrene

Concen: 41.999 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

Instrument :

BNA_F

ClientSampleId :

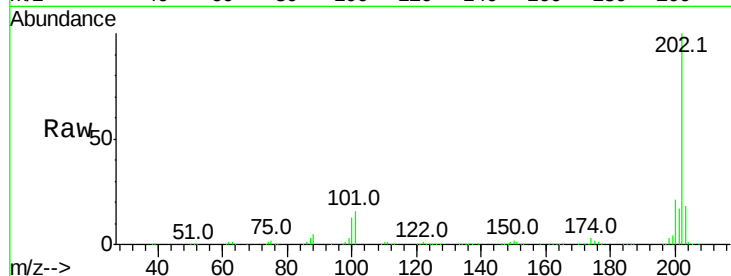
Tot Ion:202 Resp: 730885

Ion Ratio Lower Upper

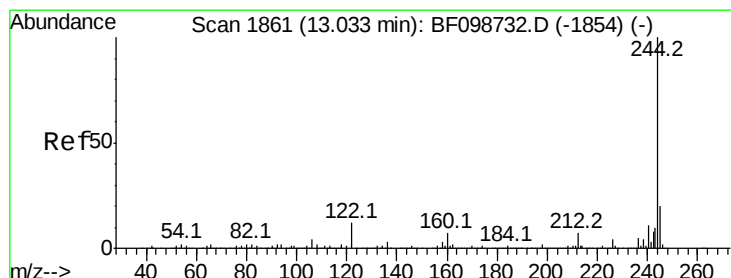
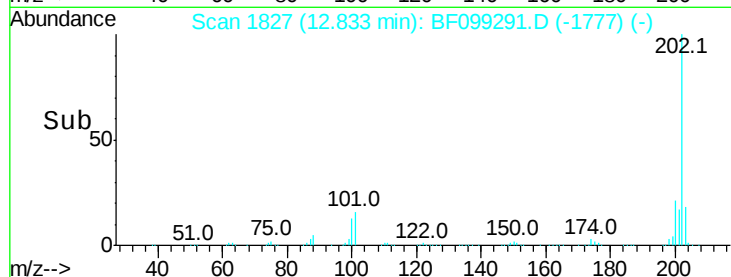
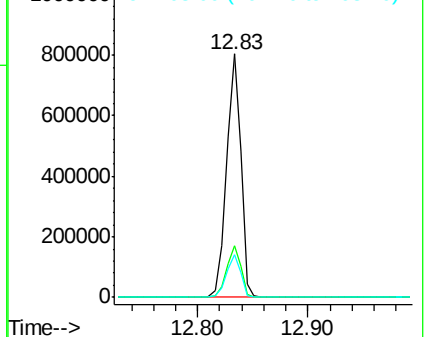
202 100

200 21.4 17.4 26.2

203 17.7 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: 87.410 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099291.D

Acq: 10 Oct 2017 10:31

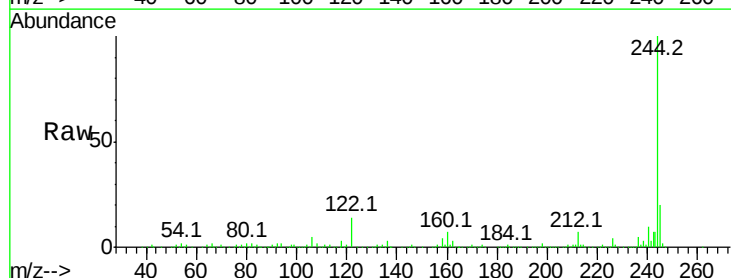
Tgt Ion:244 Resp: 877157

Ion Ratio Lower Upper

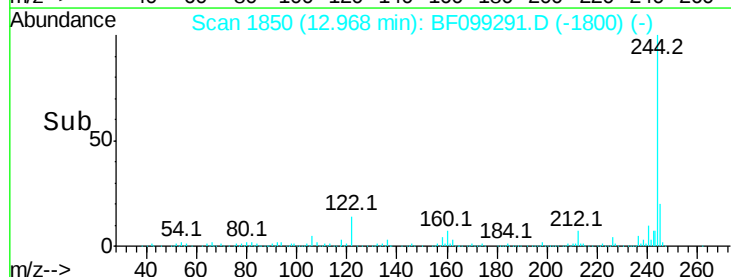
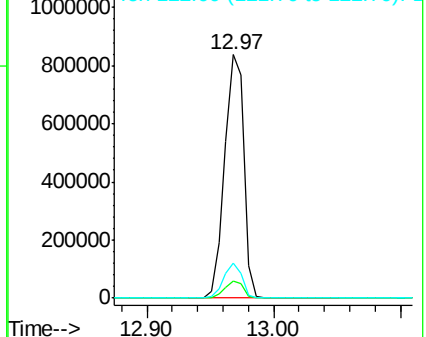
244 100

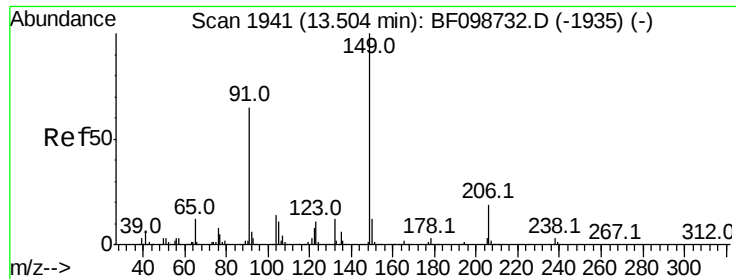
212 6.8 5.4 8.0

122 14.2 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

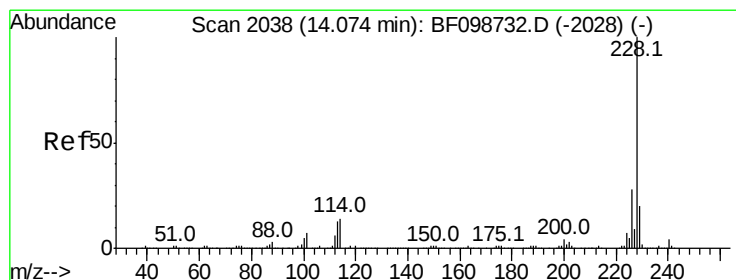
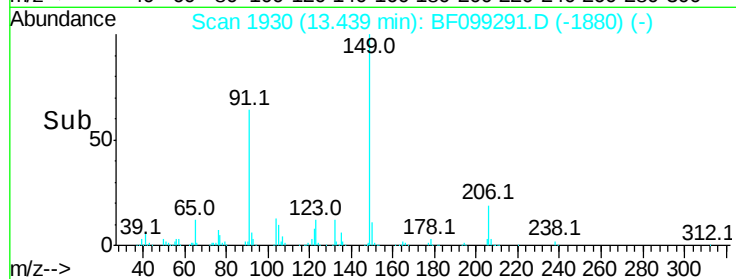
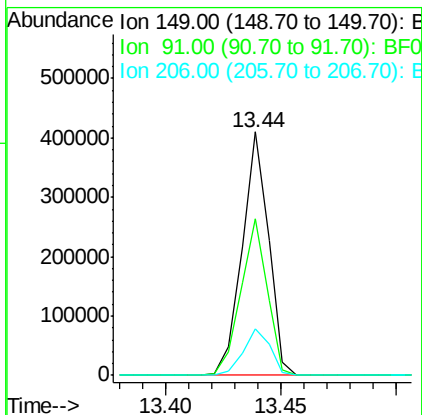
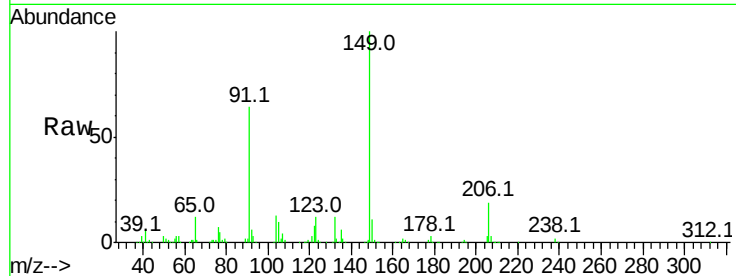




#79
 Butylbenzylphthalate
 Concen: 40.096 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

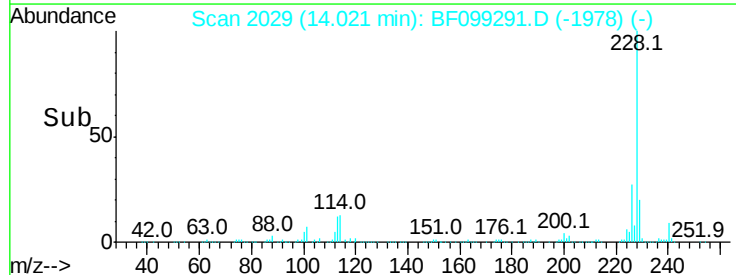
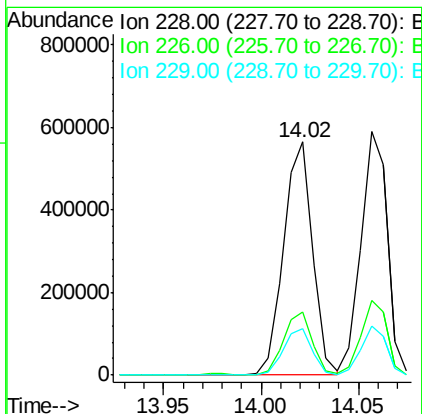
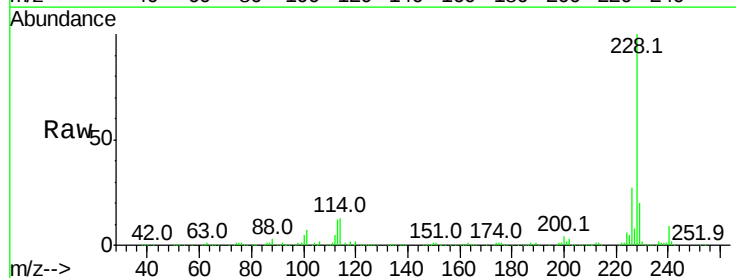
Instrument :
 BNA_F
 ClientSampleID :

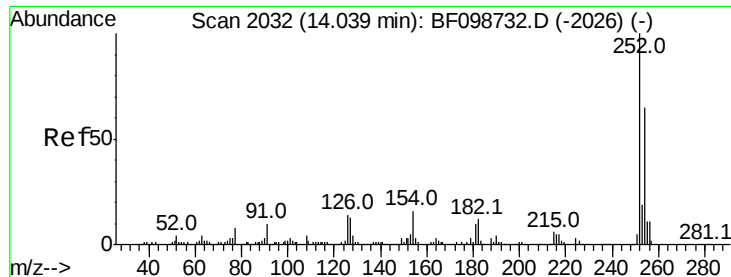
Tot Ion:149 Resp: 327930
 Ion Ratio Lower Upper
 149 100
 91 64.3 56.8 85.2
 206 18.8 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 41.803 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion:228 Resp: 577680
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.6 33.8
 229 20.2 15.8 23.6

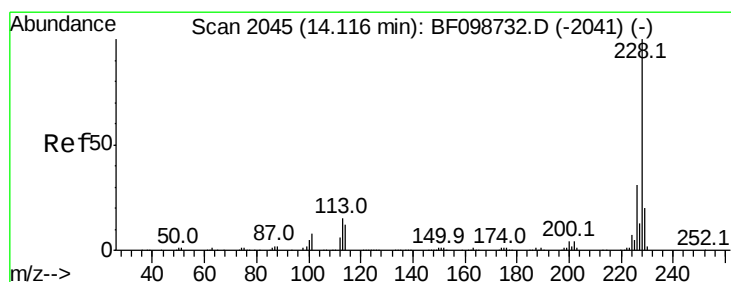
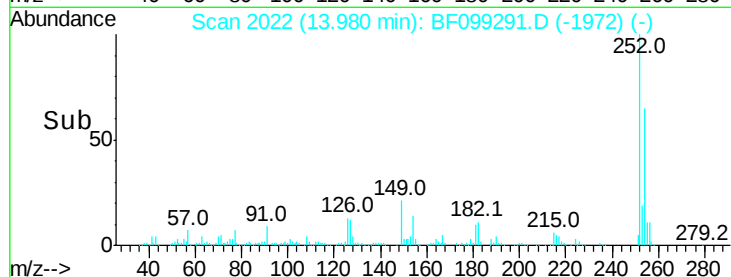
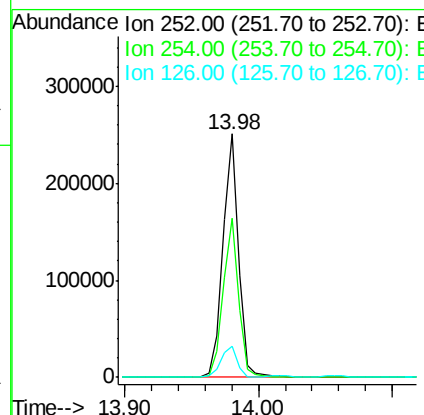
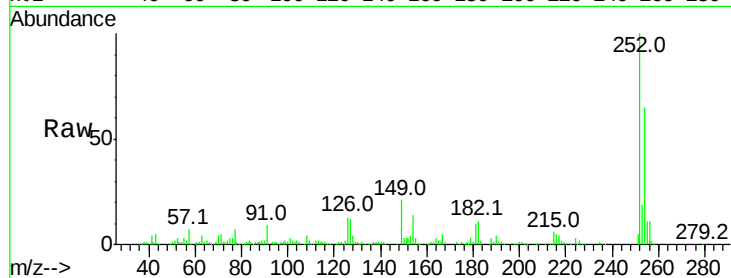




#81
 3,3'-Dichlorobenzidine
 Concen: 41.135 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

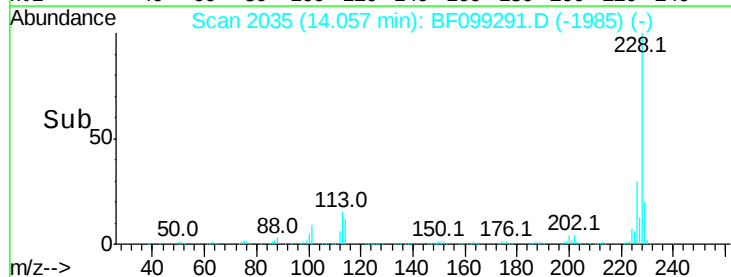
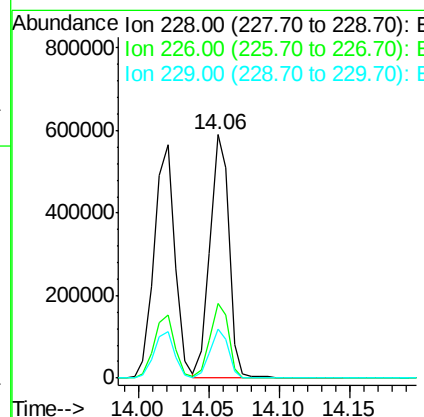
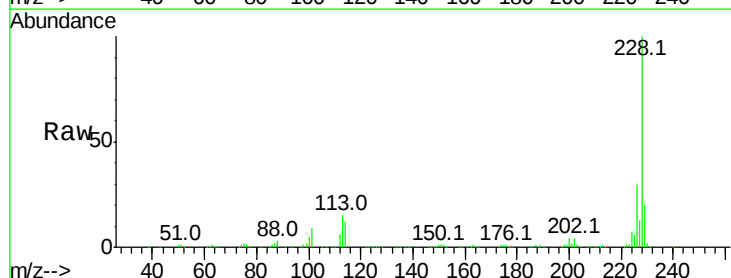
Instrument :
 BNA_F
 ClientSampleId :

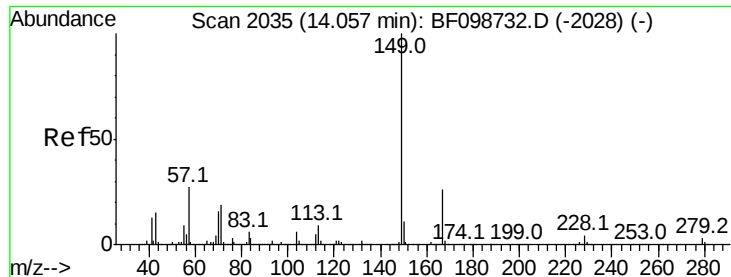
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	12.9	11.3	16.9



#82
 Chrysene
 Concen: 42.178 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.3	16.2	24.4

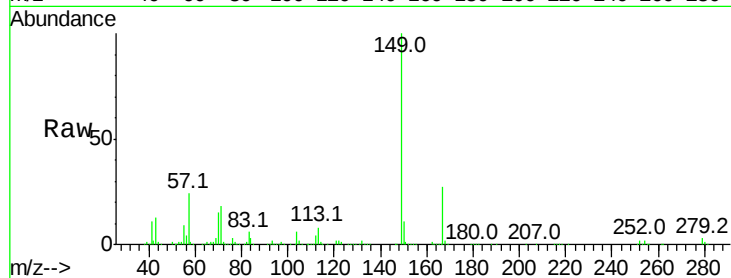




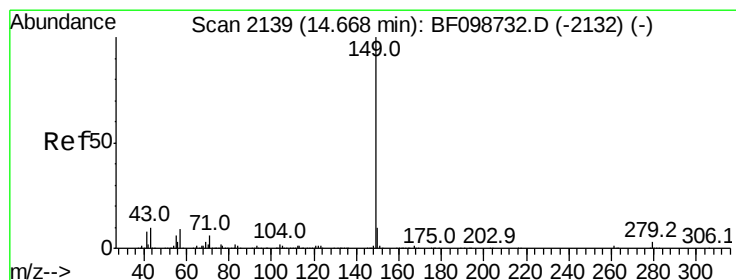
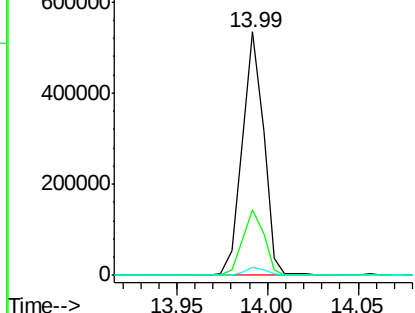
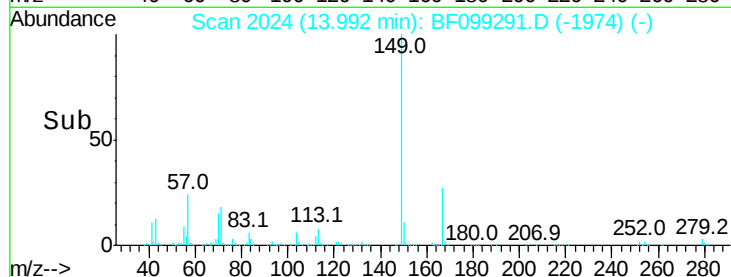
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.059 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.2	3.0	4.4

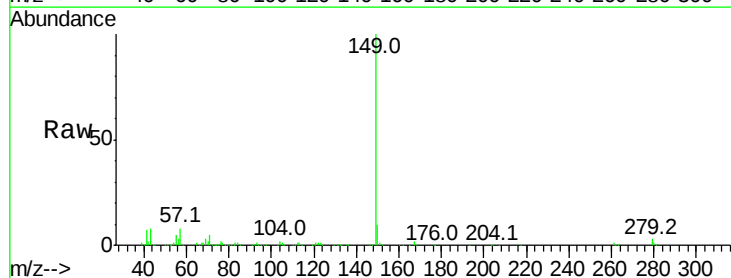


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

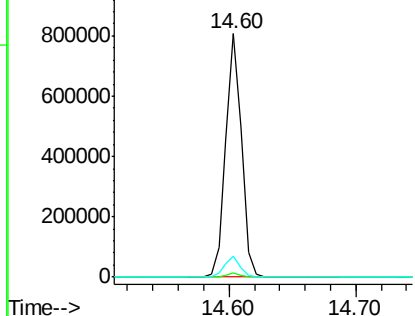
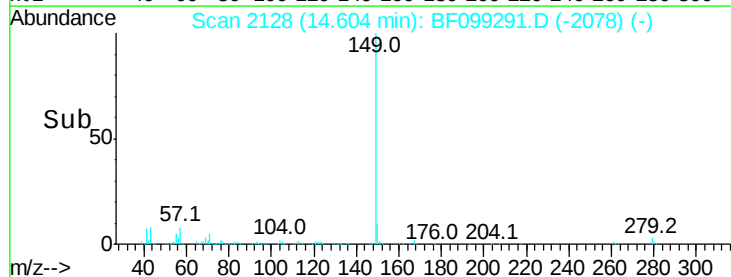


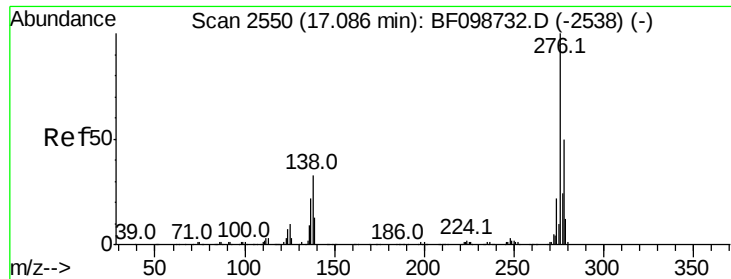
#84
 Di-n-octyl phthalate
 Concen: 38.298 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.2	8.4	12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

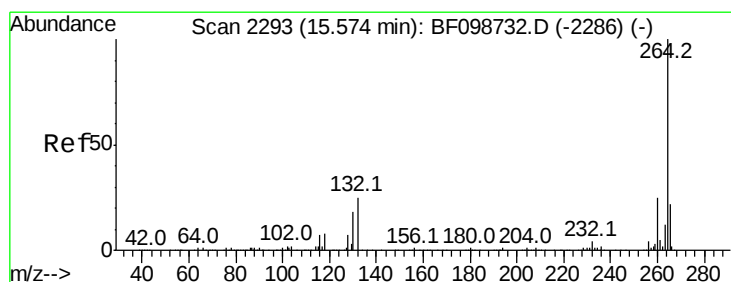
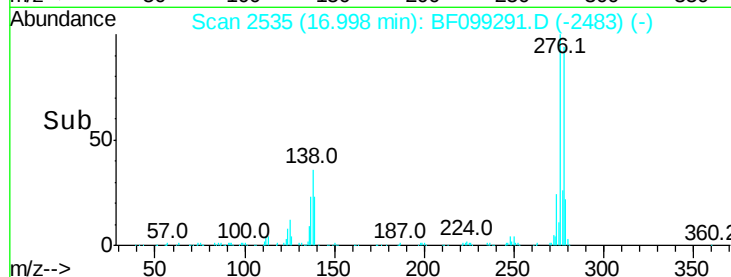
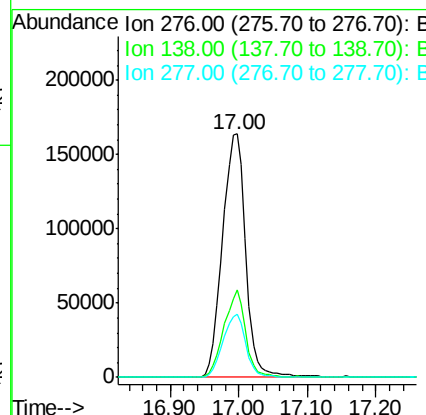
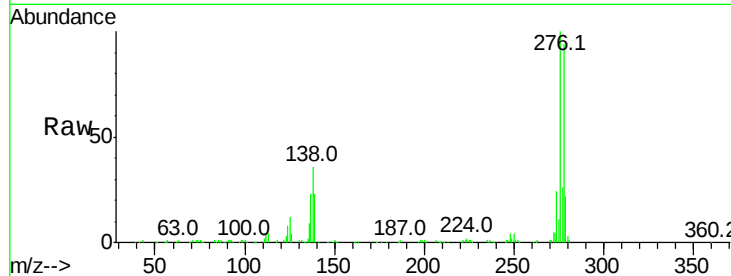




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.758 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

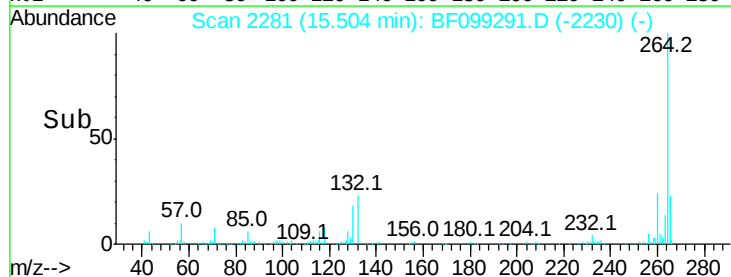
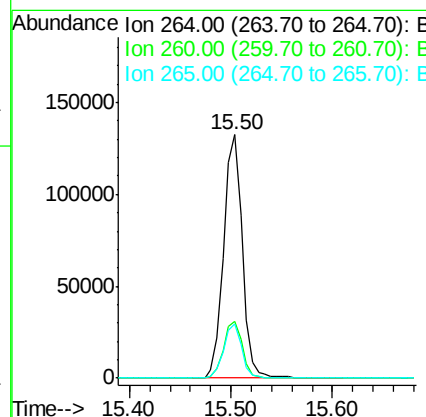
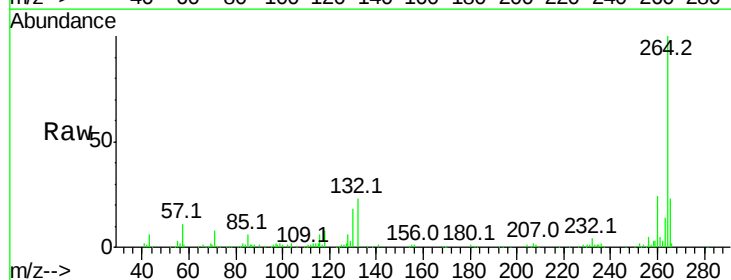
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 386849
Ion Ratio Lower Upper
276 100
138 33.5 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:264 Resp: 169858
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.5 17.5 26.3

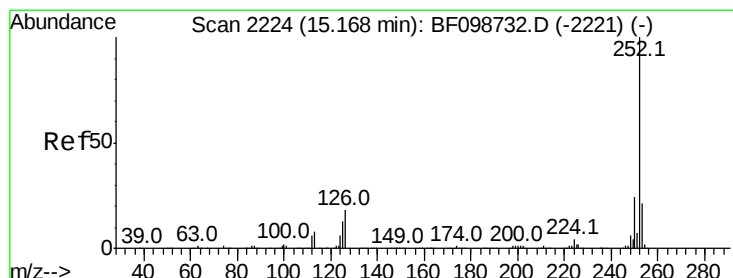
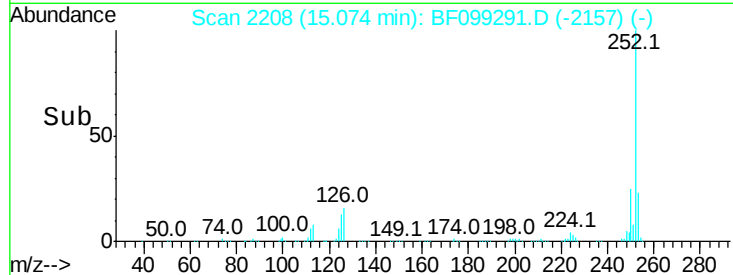
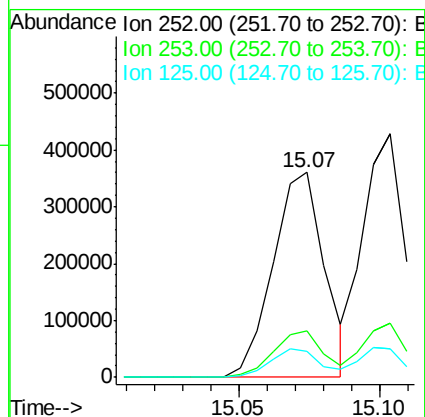
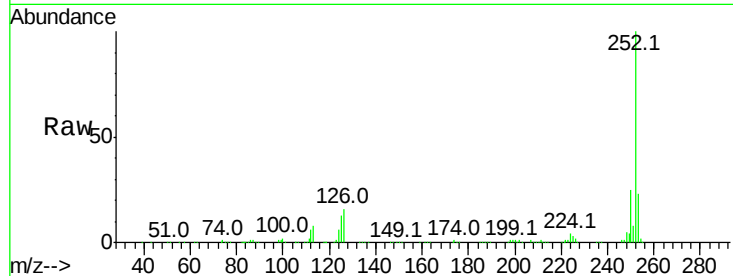




#87
Benzo(b)fluoranthene
Concen: 43.761 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

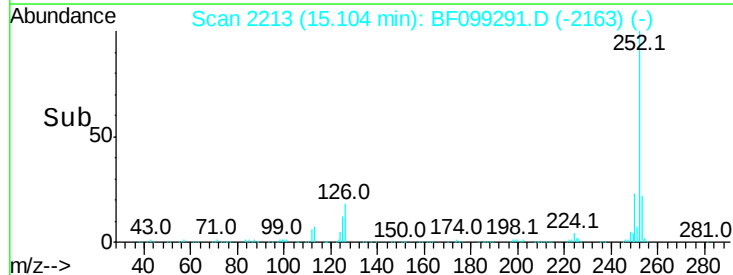
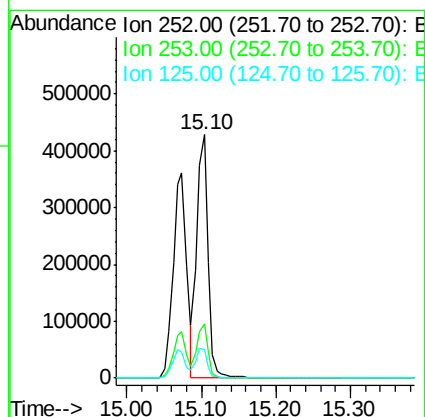
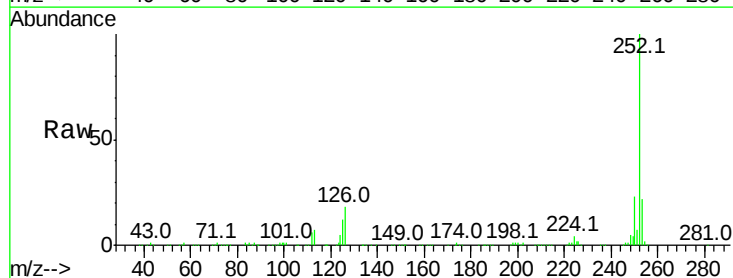
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 457018
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.055 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:252 Resp: 454434
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.8 10.2 15.2

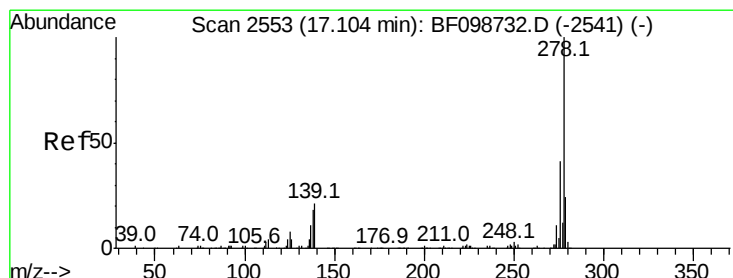
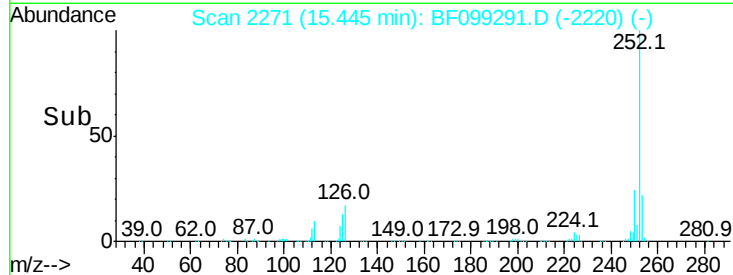
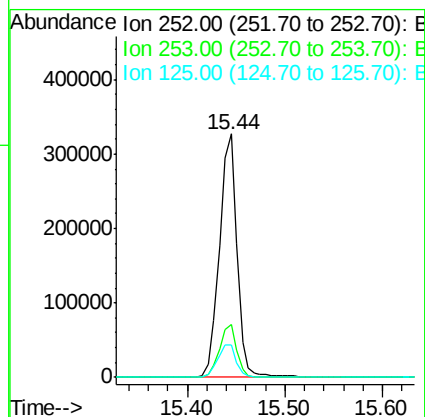
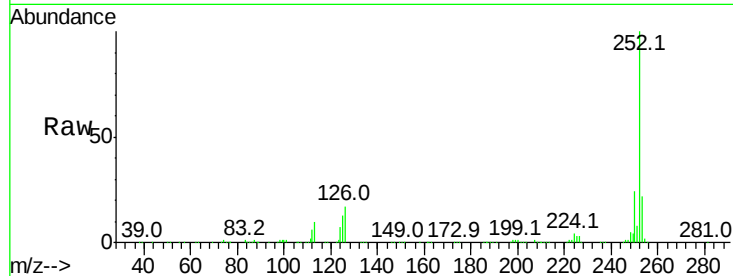




#89
Benzo(a)pyrene
Concen: 42.901 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

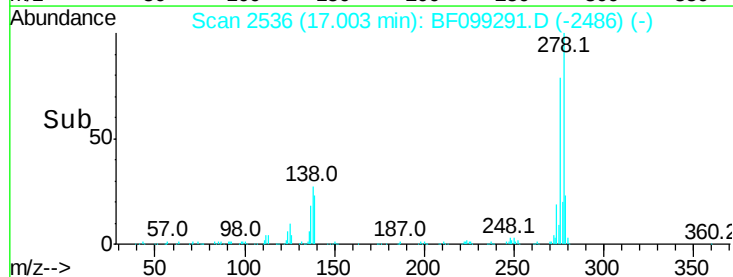
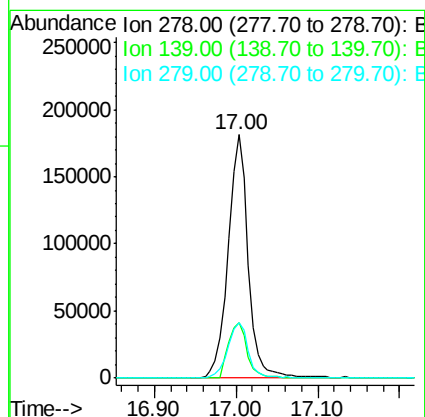
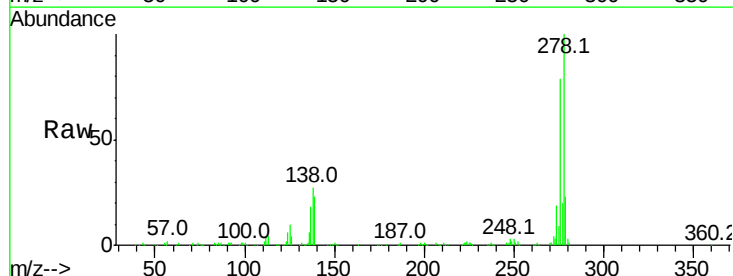
Instrument :
BNA_F
ClientSampleId :

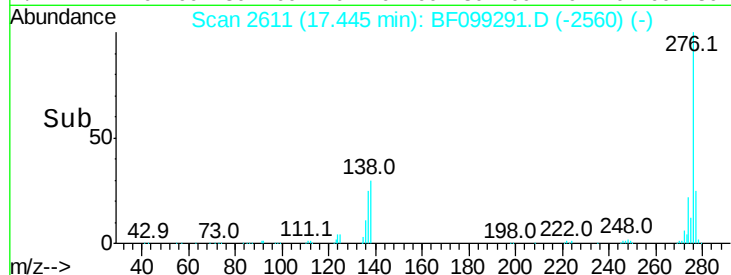
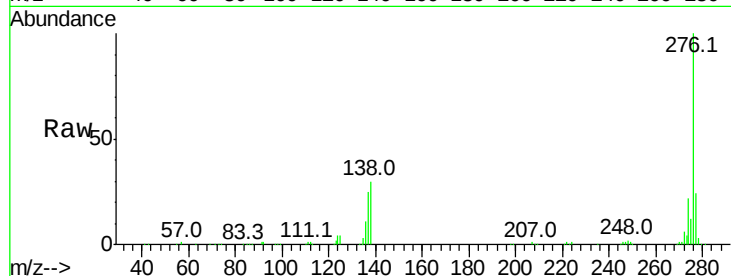
Tot Ion:252 Resp: 411264
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 13.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.498 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF099291.D
Acq: 10 Oct 2017 10:31

Tgt Ion:278 Resp: 310702
Ion Ratio Lower Upper
278 100
139 22.6 15.9 23.9
279 22.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.196 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: BF099291.D
 Acq: 10 Oct 2017 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	319995
Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	30.0	21.8	32.8

