

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100902.D
 Acq On : 27 Nov 2017 19:48
 Operator : SJ/JU
 Sample : I6289-08MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 22:03:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63057	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	252169	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	113646	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	194512	20.00	ng	0.00
75) Chrysene-d12	14.03	240	130080	20.00	ng	0.00
86) Perylene-d12	15.50	264	124715	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	516997	131.43	ng	0.03
7) Phenol-d6	6.50	99	584575	120.51	ng	0.01
23) Nitrobenzene-d5	7.43	82	439875	115.33	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	183242	158.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	921201	123.43	ng	0.00
78) Terphenyl-d14	12.97	244	676850	119.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	66179	34.522	ng	# 83
3) Pyridine	3.55	79	105469	20.166	ng	97
4) n-Nitrosodimethylamine	3.49	42	91141	35.892	ng	93
6) Aniline	6.53	93	31334	4.572	ng	# 86
8) 2-Chlorophenol	6.65	128	195833	47.058	ng	97
9) Benzaldehyde	6.42	77	63064	18.205	ng	91
10) Phenol	6.52	94	193466	37.992	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	191738	44.827	ng	96
12) 1,3-Dichlorobenzene	6.80	146	223659	46.616	ng	97
13) 1,4-Dichlorobenzene	6.88	146	229135	47.186	ng	97
14) 1,2-Dichlorobenzene	7.03	146	212650	47.363	ng	96
15) Benzyl Alcohol	7.00	79	161005	42.528	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	314446	45.964	ng	98
17) 2-Methylphenol	7.12	107	160231	45.056	ng	98
18) Hexachloroethane	7.37	117	70987	44.336	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	140839	41.866	ng	96
20) 3+4-Methylphenols	7.27	107	197882	43.972	ng	# 63
22) Acetophenone	7.27	105	265839	43.232	ng	# 90
24) Nitrobenzene	7.45	77	204729	52.150	ng	98
25) Isophorone	7.69	82	379942	47.403	ng	98
26) 2-Nitrophenol	7.76	139	105836	56.435	ng	# 88
27) 2,4-Dimethylphenol	7.80	122	177739	49.467	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	240989	45.965	ng	99
29) 2,4-Dichlorophenol	8.00	162	176299	51.398	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	191099	51.504	ng	95
31) Naphthalene	8.17	128	594405	48.939	ng	100
32) Benzoic acid	7.93	122	112920	42.399	ng	93
33) 4-Chloroaniline	8.23	127	24765	4.898	ng	94
34) Hexachlorobutadiene	8.27	225	112405	50.953	ng	97
35) Caprolactam	8.59	113	45347	38.523	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	175484	47.635	ng	97
37) 2-Methylnaphthalene	8.86	142	409044	50.727	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	187594	49.772	ng	# 95
40) Hexachlorocyclopentadiene	9.00	237	60388	34.042	ng	96

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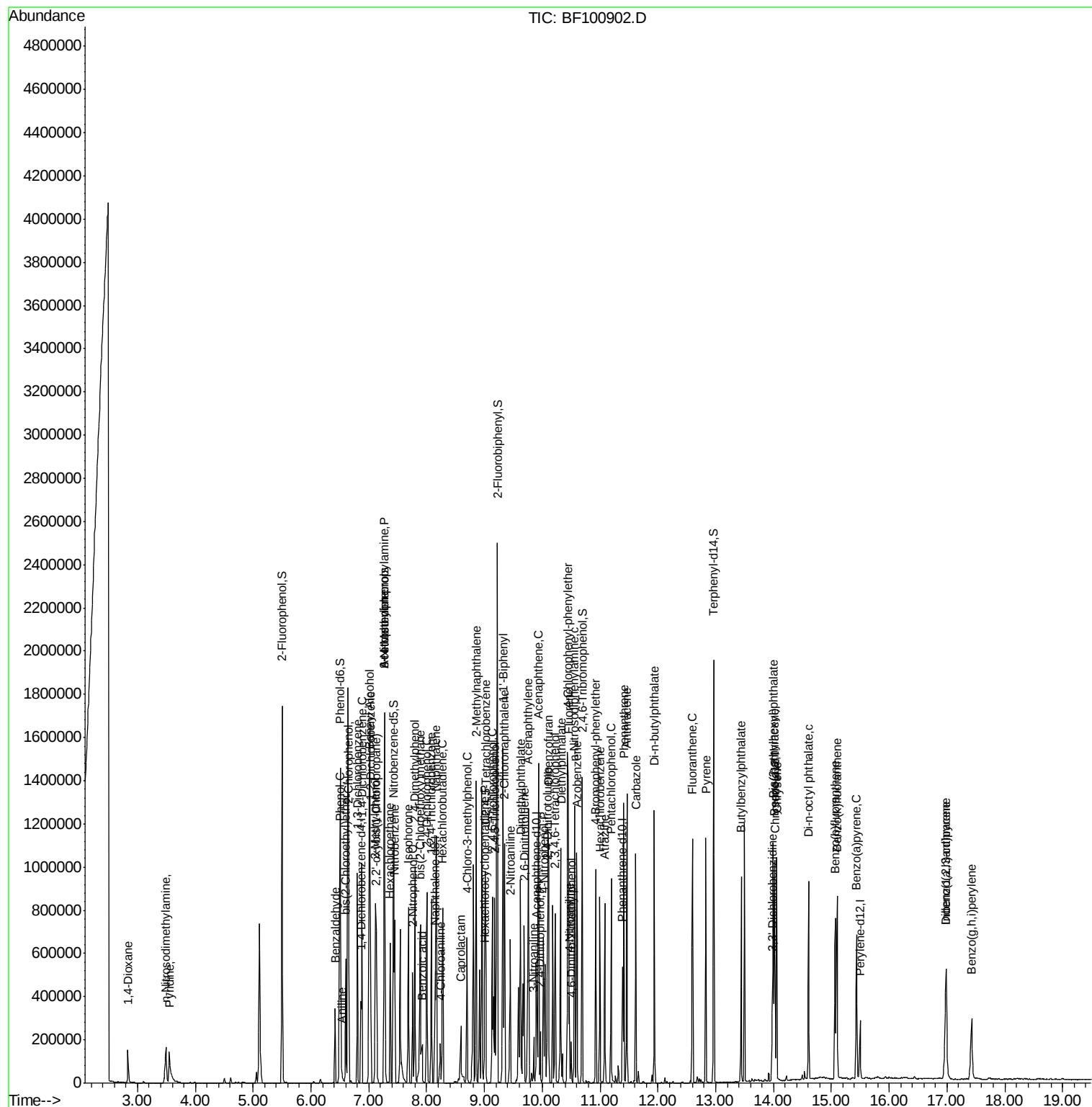
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	129934	54.393	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	134512	54.349	nq	95
45) 1,1'-Biphenyl	9.32	154	472531	48.074	nq	99
46) 2-Chloronaphthalene	9.35	162	379571	53.230	nq	97
47) 2-Nitroaniline	9.45	65	109183	51.597	nq	99
48) Acenaphthylene	9.76	152	575404	48.692	nq	100
49) Dimethylphthalate	9.62	163	459681	52.977	nq	99
50) 2,6-Dinitrotoluene	9.69	165	96228	56.026	nq	94
51) Acenaphthene	9.93	154	337464	46.955	nq	98
52) 3-Nitroaniline	9.85	138	34064	16.795	nq	95
53) 2,4-Dinitrophenol	9.96	184	32265	52.524	nq #	15
54) Dibenzofuran	10.10	168	507270	50.359	nq	99
55) 4-Nitrophenol	10.02	139	117603	71.410	nq	92
56) 2,4-Dinitrotoluene	10.09	165	120795	55.749	nq #	92
57) Fluorene	10.45	166	388750	52.682	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	104922	51.726	nq #	86
59) Diethylphthalate	10.32	149	442125	50.917	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	191960	53.028	nq	92
61) 4-Nitroaniline	10.47	138	74217	38.591	nq	93
62) Azobenzene	10.60	77	357893	43.761	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	24883	29.382	nq	78
65) n-Nitrosodiphenylamine	10.56	169	359232	53.114	nq	94
66) 4-Bromophenyl-phenylether	10.93	248	120896	57.980	nq #	87
67) Hexachlorobenzene	11.00	284	121672	55.792	nq #	85
68) Atrazine	11.09	200	106778	52.156	nq	96
69) Pentachlorophenol	11.19	266	113292	72.448	nq	99
70) Phenanthrene	11.41	178	521394	50.911	nq	99
71) Anthracene	11.46	178	529992	51.008	nq	99
72) Carbazole	11.62	167	439434	45.835	nq	99
73) Di-n-butylphthalate	11.94	149	627521	55.932	nq	99
74) Fluoranthene	12.60	202	466732	43.001	nq	96
77) Pyrene	12.83	202	461353	49.754	nq	99
79) Butylbenzylphthalate	13.44	149	201907	53.393	nq	94
80) Benzo(a)anthracene	14.02	228	406301	51.868	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	74566	26.568	nq	99
82) Chrysene	14.06	228	388359	51.197	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	282034	56.706	nq	98
84) Di-n-octyl phthalate	14.60	149	461475	54.010	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	305417	49.778	nq	94
87) Benzo(b)fluoranthene	15.07	252	378974	51.291	nq	98
88) Benzo(k)fluoranthene	15.10	252	374485	53.641	nq	98
89) Benzo(a)pyrene	15.44	252	347331	53.025	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	259984	48.532	nq #	96
91) Benzo(g,h,i)perylene	17.43	276	238077	45.401	nq #	92

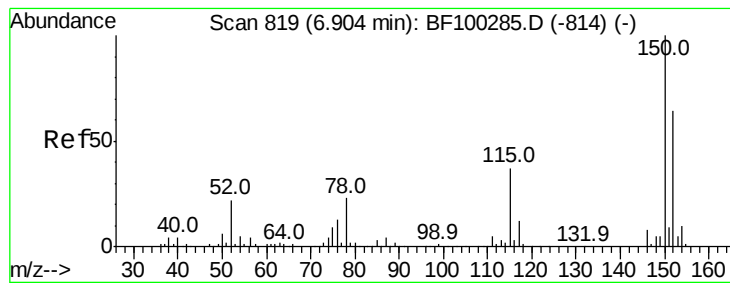
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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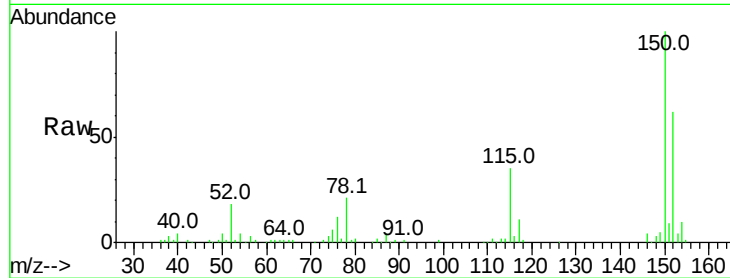


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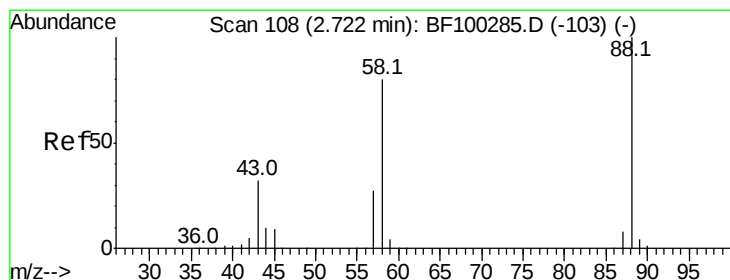
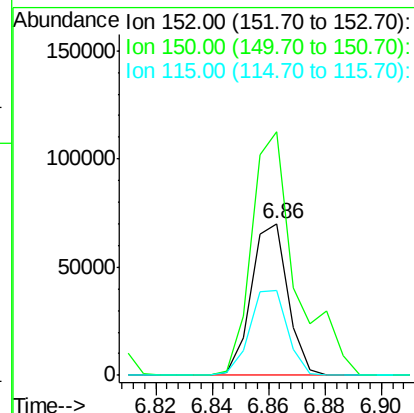
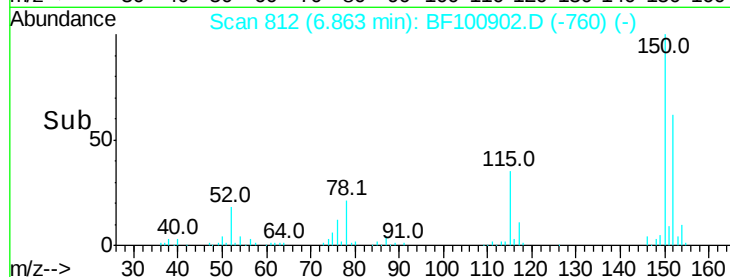
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	55.9	50.1	75.1



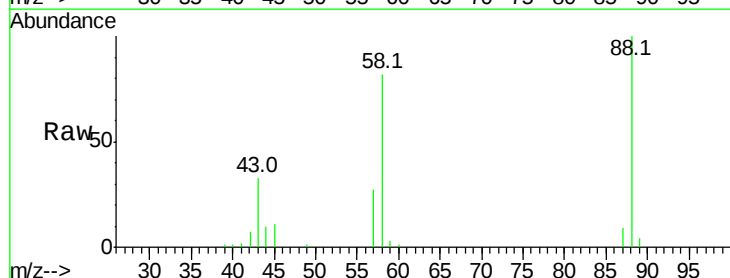
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



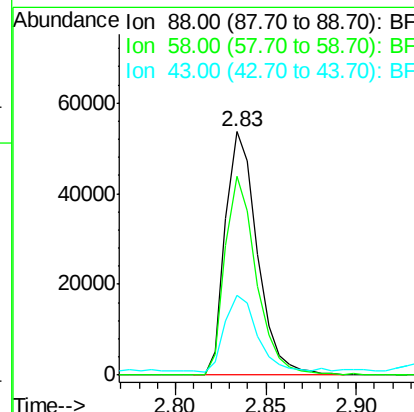
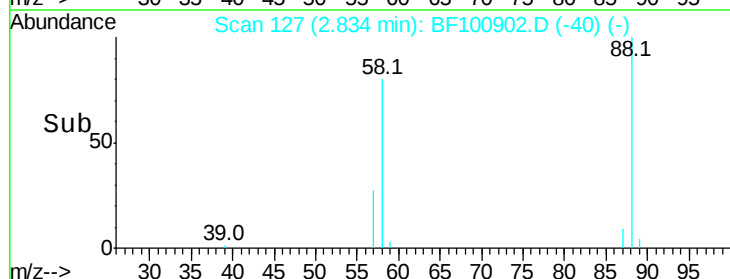
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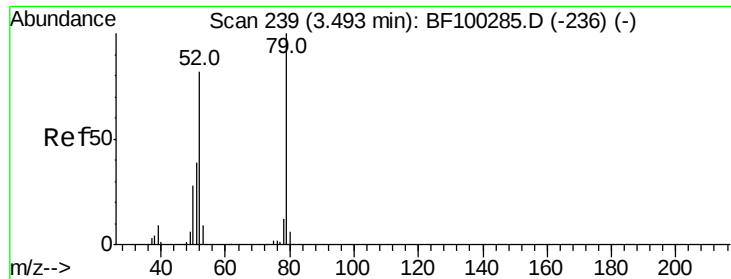
1,4-Dioxane
Concen: 34.522 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.21 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	62.6	93.8
43	0.0	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

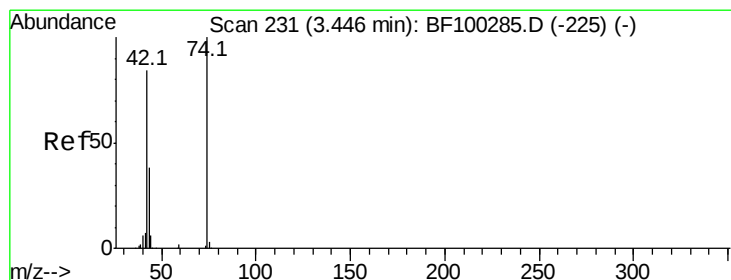
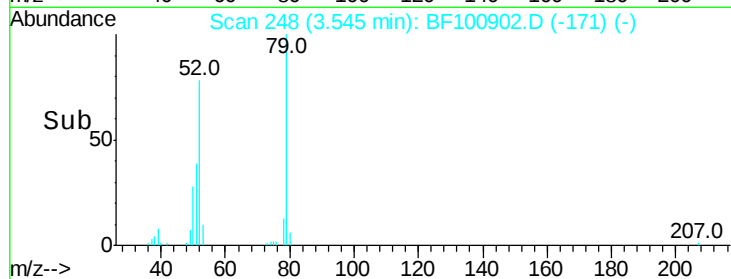
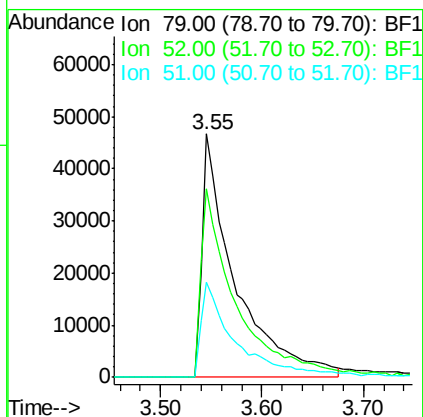
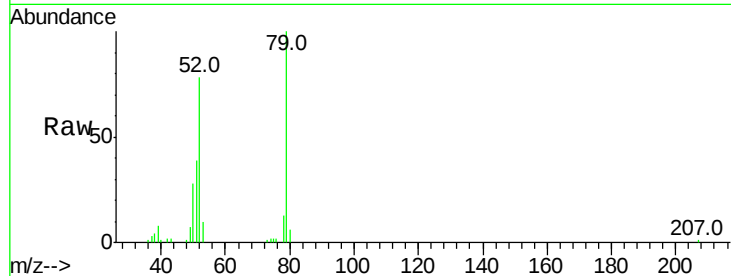




#3
 Pvridine
 Concen: 20.166 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.15 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

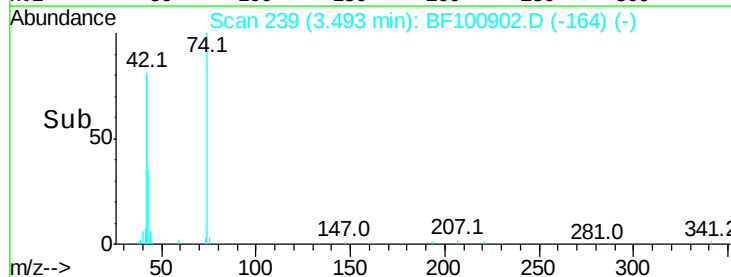
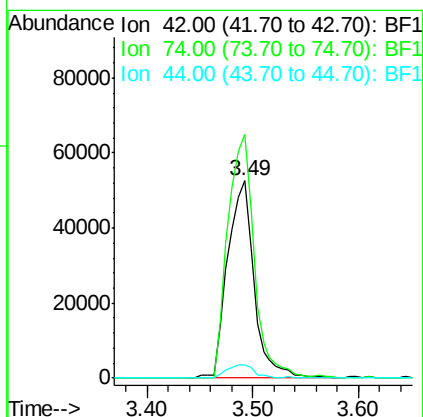
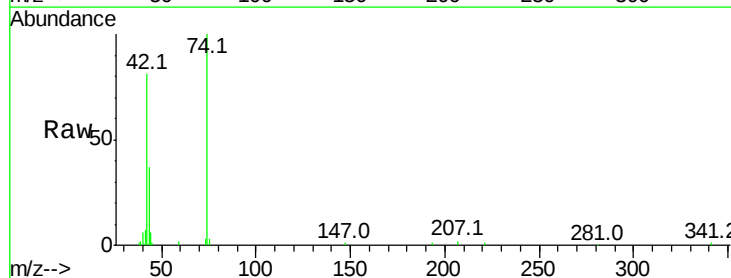
Instrument :
 BNA_F
 ClientSampleId :

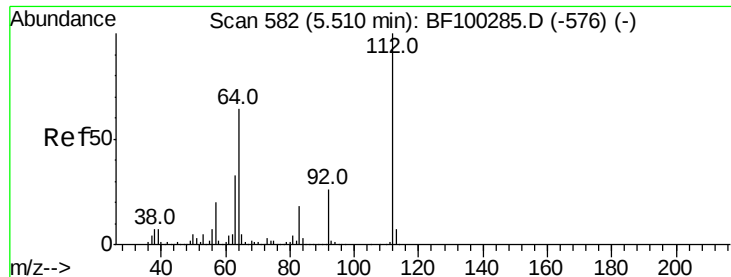
Tot Ion: 79 Resp: 105469
 Ion Ratio Lower Upper
 79 100
 52 77.6 59.8 89.6
 51 38.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 35.892 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.14 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion: 42 Resp: 91141
 Ion Ratio Lower Upper
 42 100
 74 123.3 104.9 157.3
 44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 131.427 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.03 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

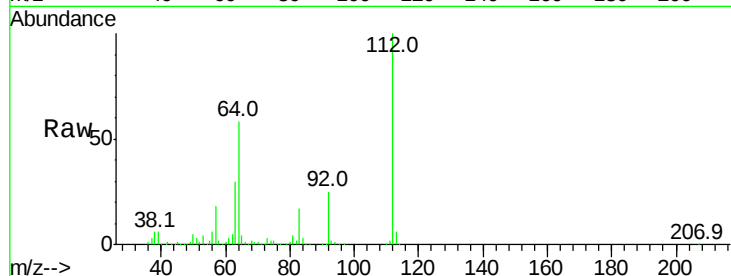
Tot Ion:112 Resp: 516997

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

63 30.2 23.7 35.5

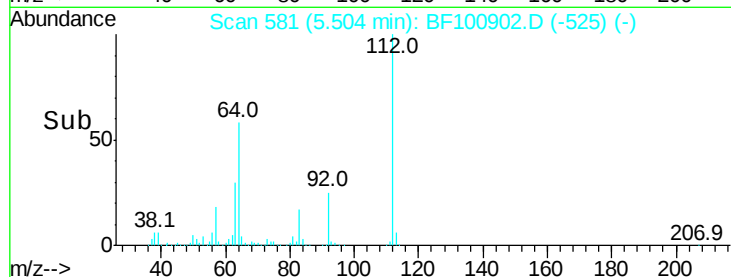


Abundance Ion 112.00 (111.70 to 112.70): B

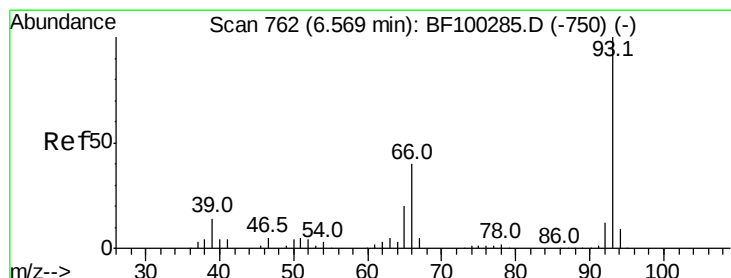
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.50



Time-->



#6

Aniline

Concen: 4.572 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

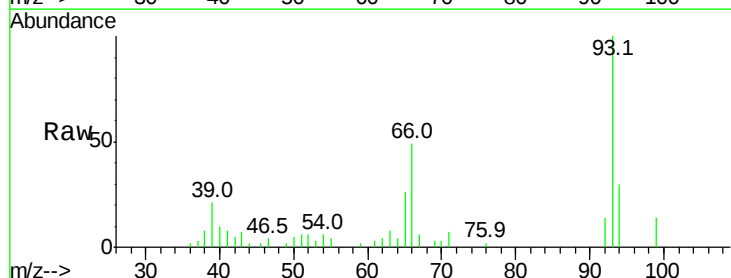
Tgt Ion: 93 Resp: 31334

Ion Ratio Lower Upper

93 100

66 49.2 32.2 48.2#

65 25.9 16.4 24.6#

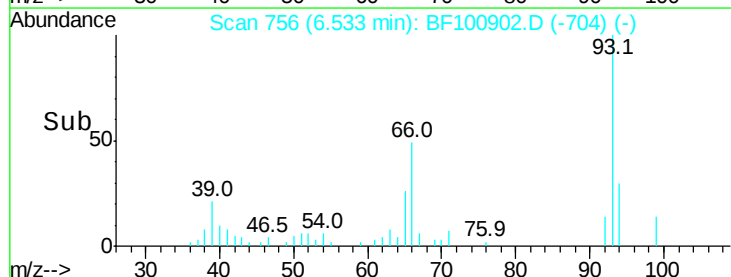


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

6.53



Time-->



#7

Phenol-d6

Concen: 120.511 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

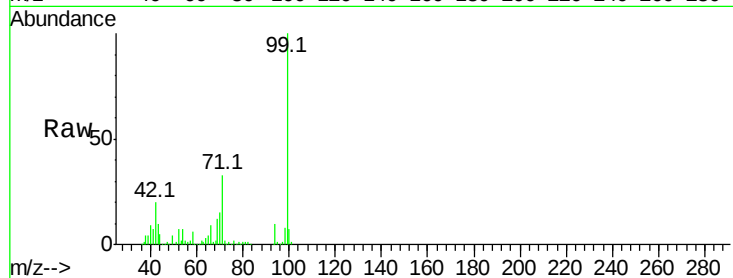
Tot Ion: 99 Resp: 584575

Ion Ratio Lower Upper

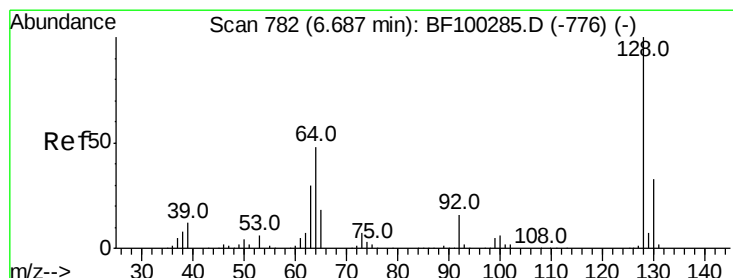
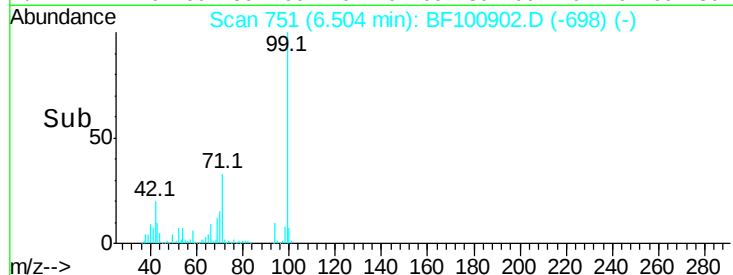
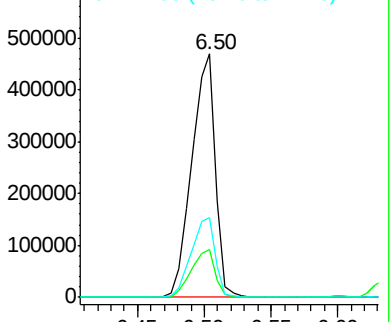
99 100

42 19.6 14.5 21.7

71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.058 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF100902.D

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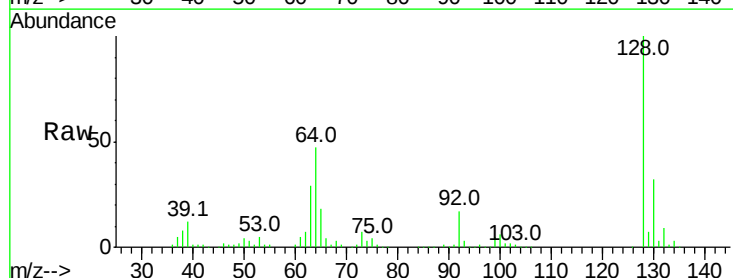
Tgt Ion: 128 Resp: 195833

Ion Ratio Lower Upper

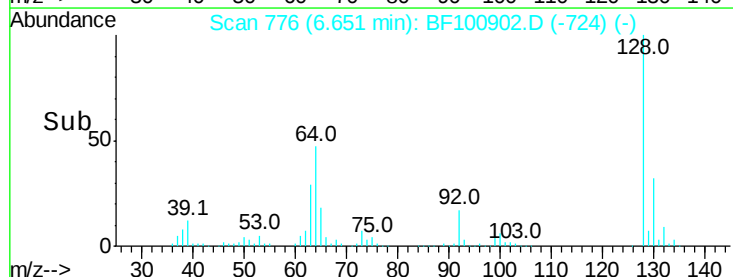
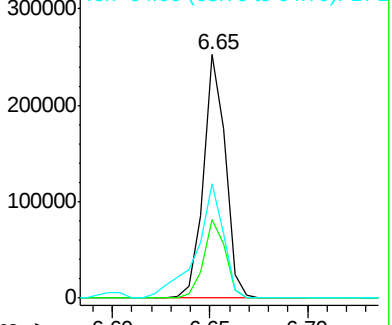
128 100

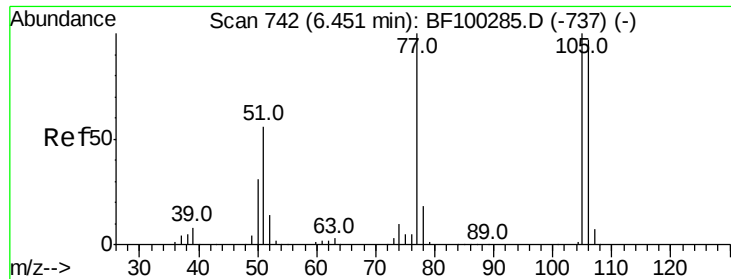
130 32.1 13.0 53.0

64 47.1 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): BF1





#9

Benzaldehyde

Concen: 18.205 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

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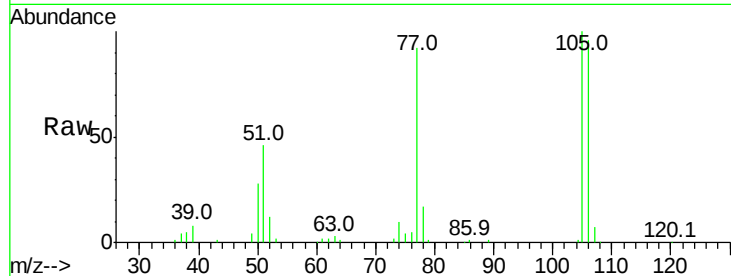
Tot Ion: 77 Resp: 63064

Ion Ratio Lower Upper

77 100

105 108.4 81.1 121.1

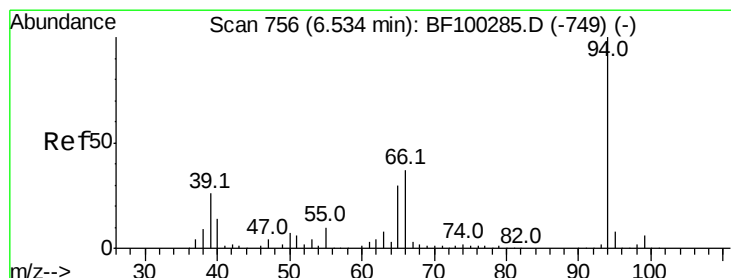
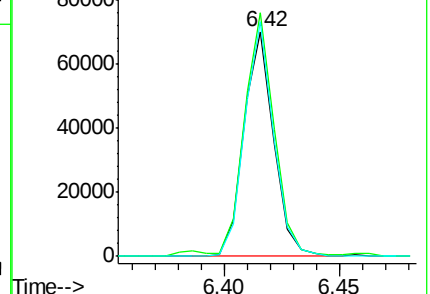
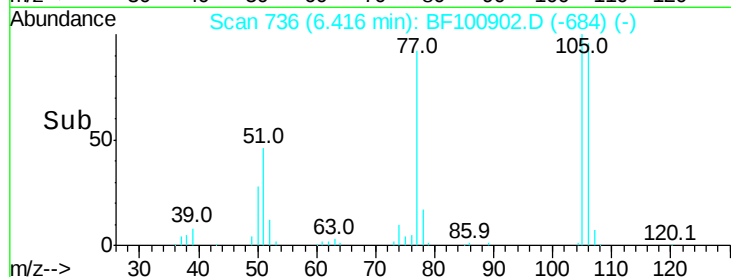
106 104.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.992 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

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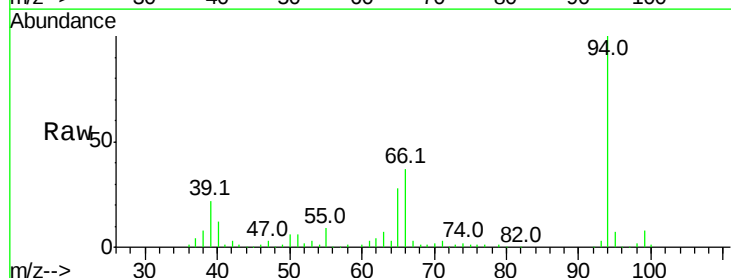
Tgt Ion: 94 Resp: 193466

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

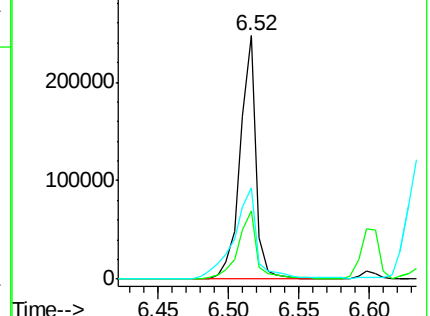
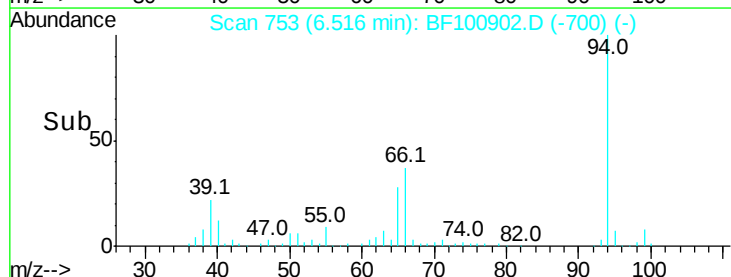
66 37.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



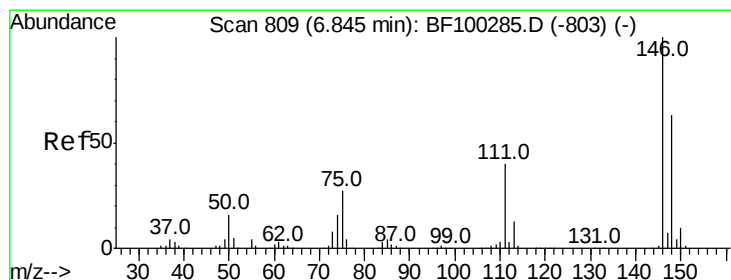
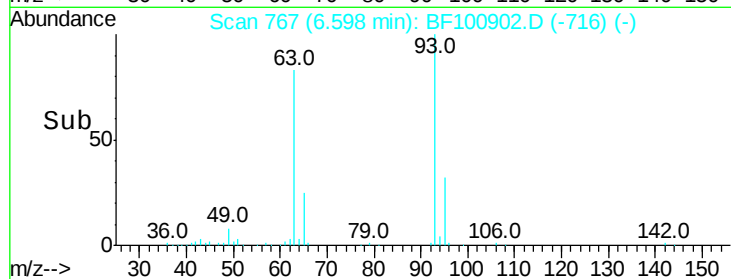
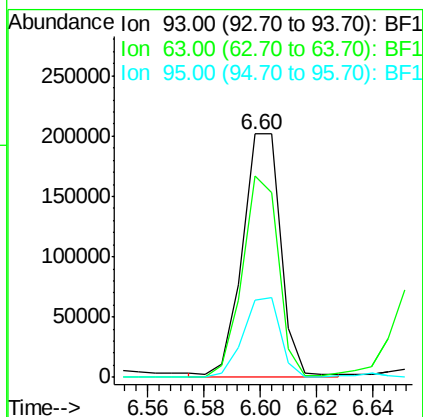
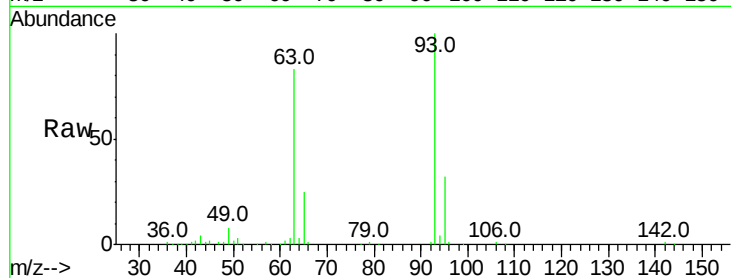


#11
 bis(2-Chloroethyl)ether
 Concen: 44.827 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 191738

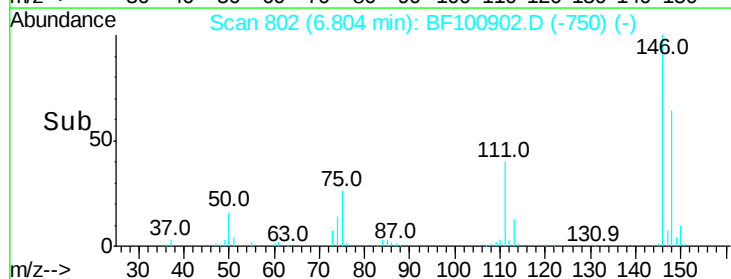
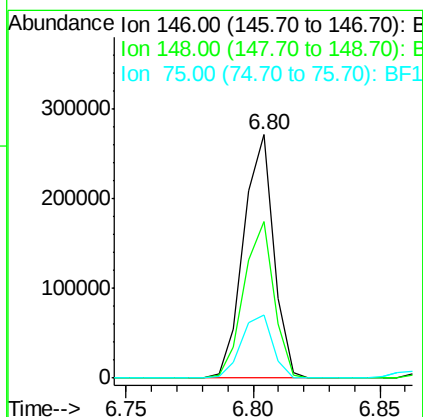
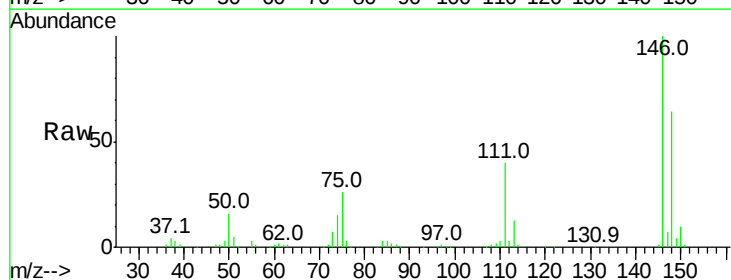
Ion	Ratio	Lower	Upper
93	100		
63	82.9	58.6	98.6
95	31.7	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 46.616 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion: 146 Resp: 223659

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	25.8	24.2	36.4

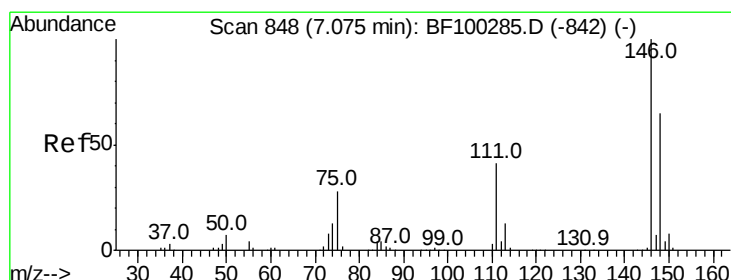
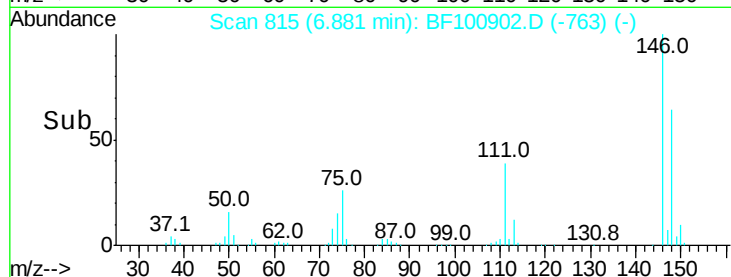
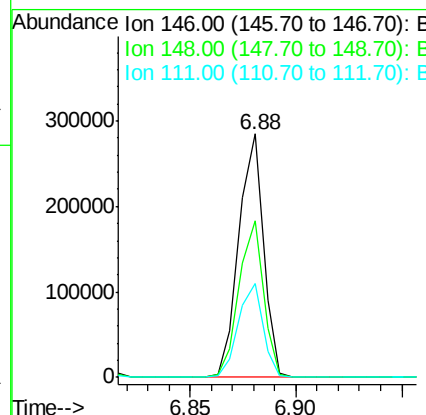
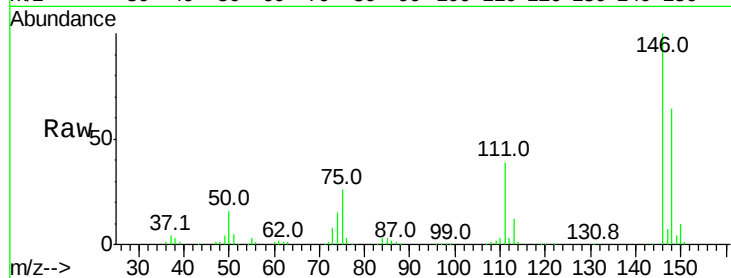




#13
 1,4-Dichlorobenzene
 Concen: 47.186 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

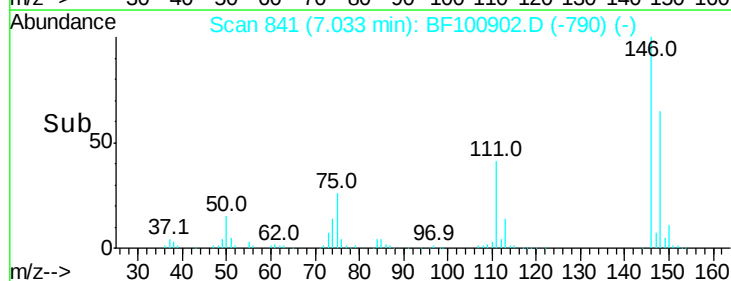
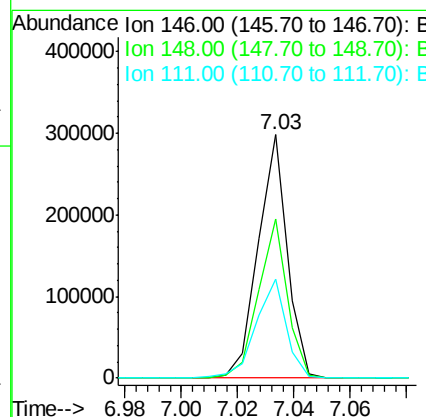
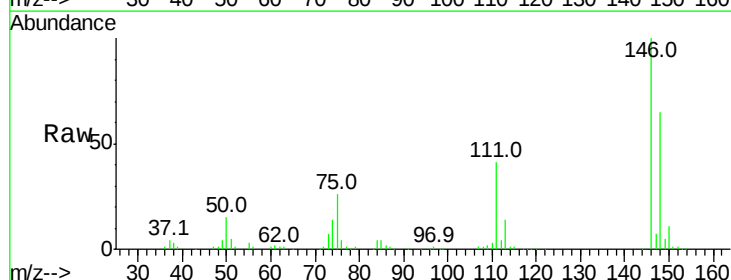
Instrument :
 BNA_F
 ClientSampleId :

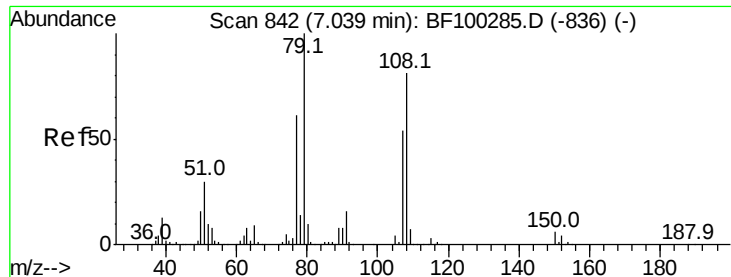
Tot Ion:146 Resp: 229135
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 38.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 47.363 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:146 Resp: 212650
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.6 75.8
 111 40.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 42.528 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

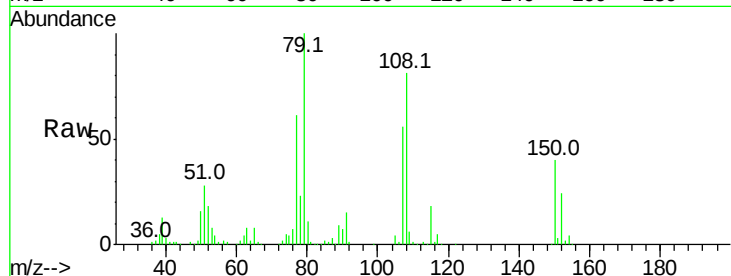
Tot Ion: 79 Resp: 161005

Ion Ratio Lower Upper

79 100

108 81.1 65.1 97.7

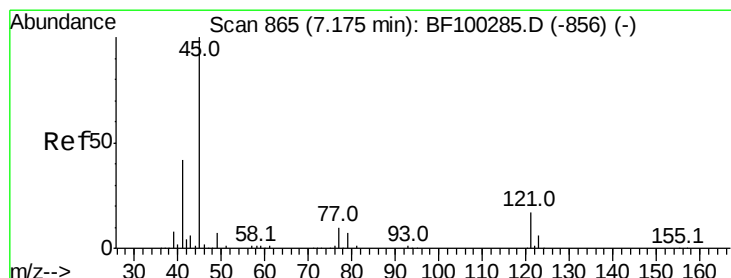
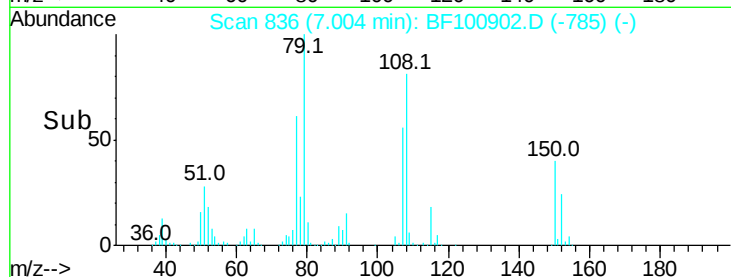
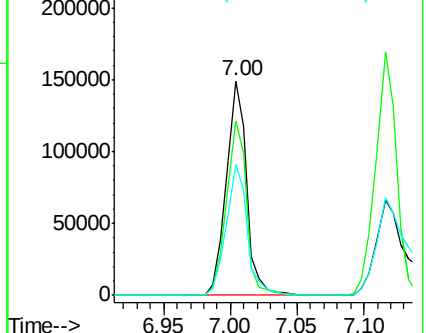
77 61.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.964 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

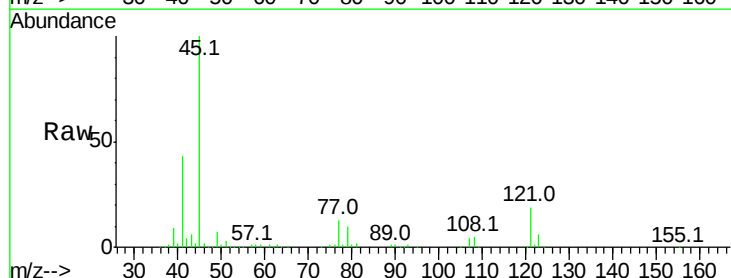
Tgt Ion: 45 Resp: 314446

Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

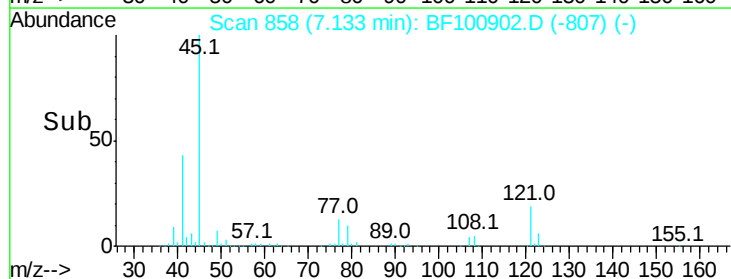
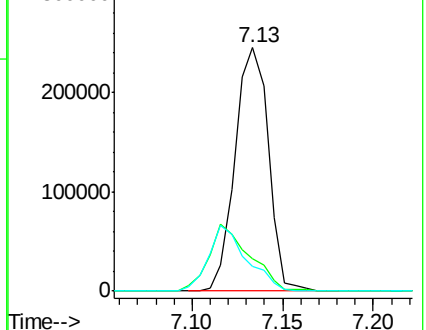
79 10.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.056 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 160231

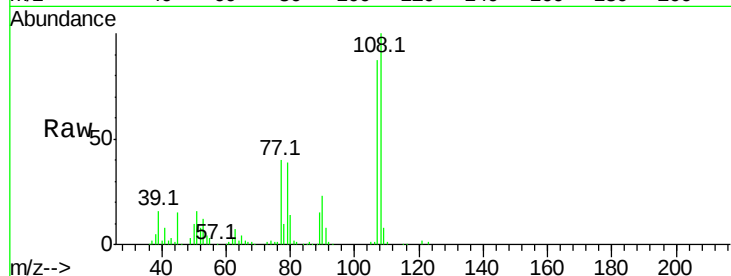
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 45.8 33.8 50.8

79 44.5 33.8 50.8

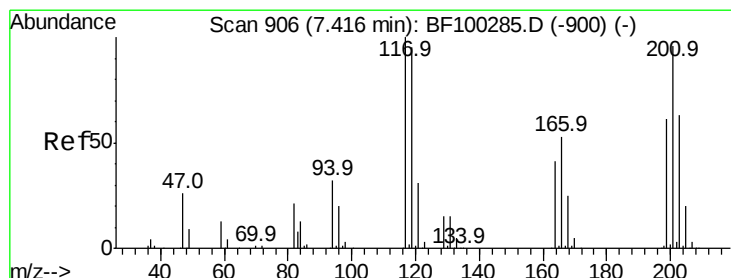
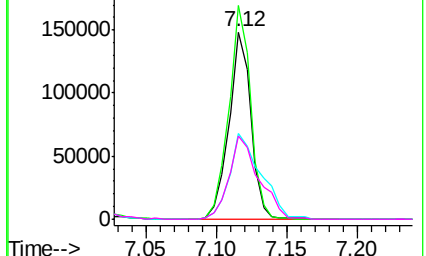
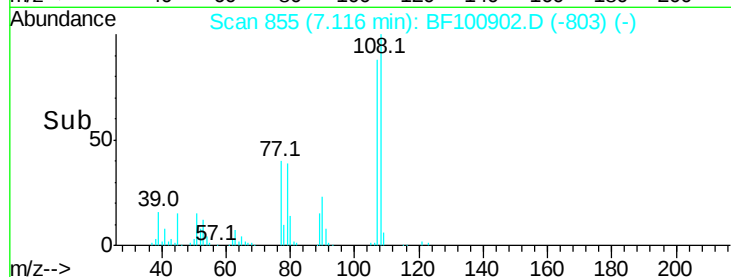


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.336 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

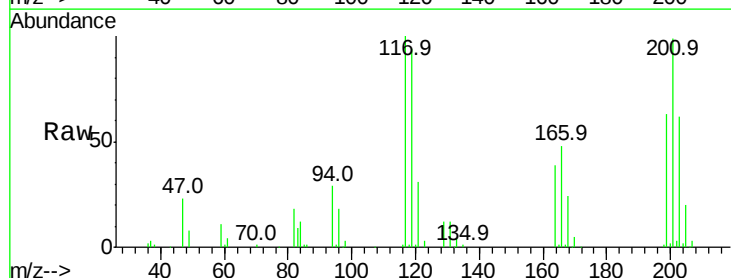
Tgt Ion:117 Resp: 70987

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

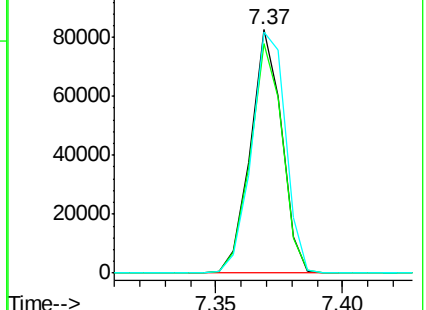
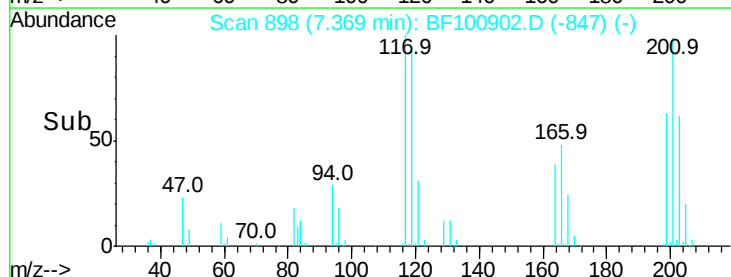
201 98.9 75.7 113.5

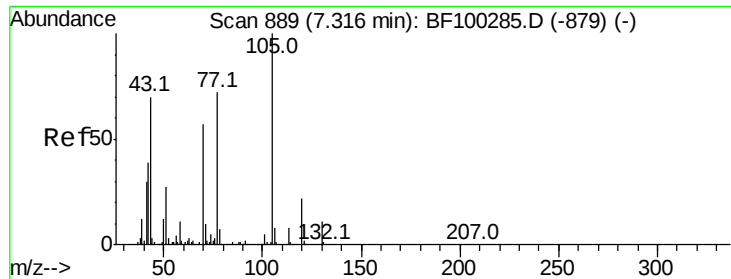


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

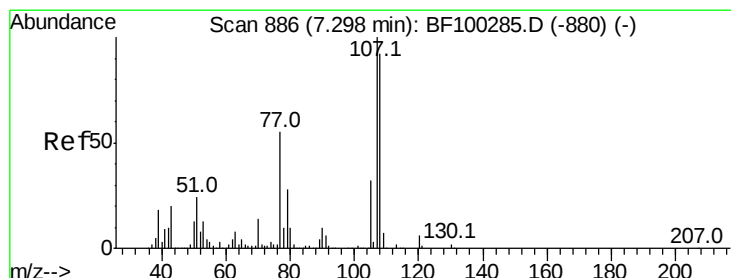
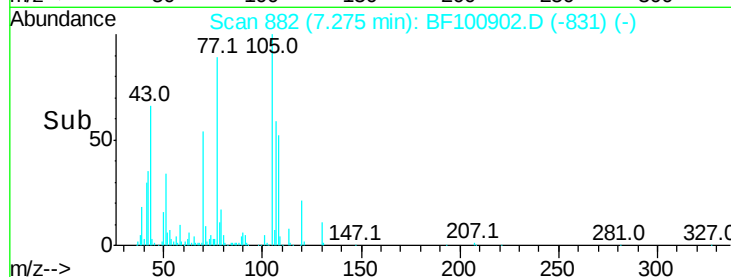
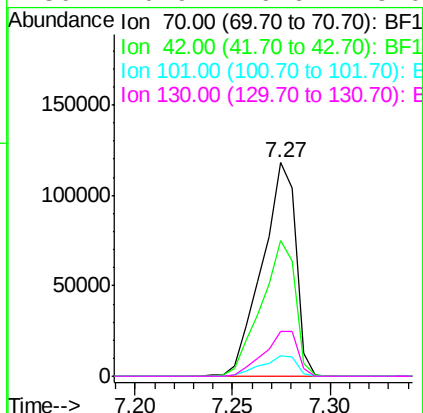
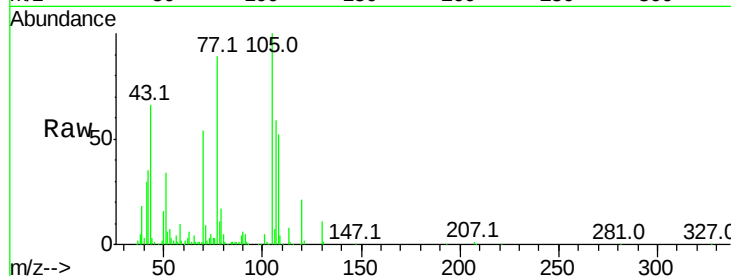




#19
n-Nitroso-di-n-propylamine
Concen: 41.866 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

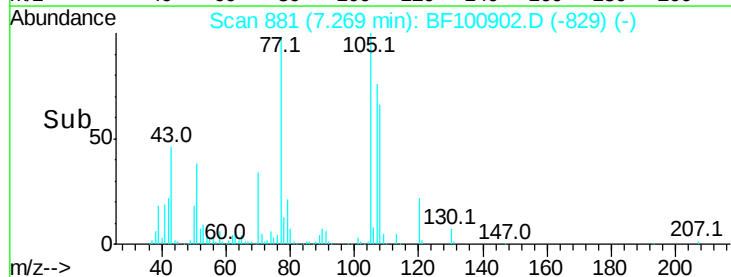
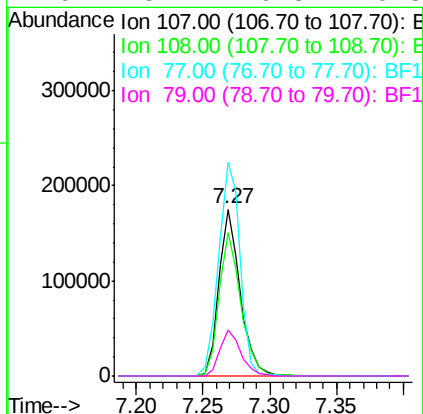
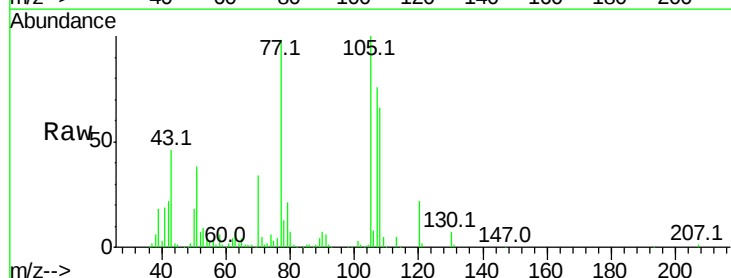
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 140839
Ion Ratio Lower Upper
70 100
42 63.5 47.5 71.3
101 9.7 7.4 11.2
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.972 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:107 Resp: 197882
Ion Ratio Lower Upper
107 100
108 86.5 68.2 108.2
77 128.4 26.7 66.7#
79 28.1 6.3 46.3

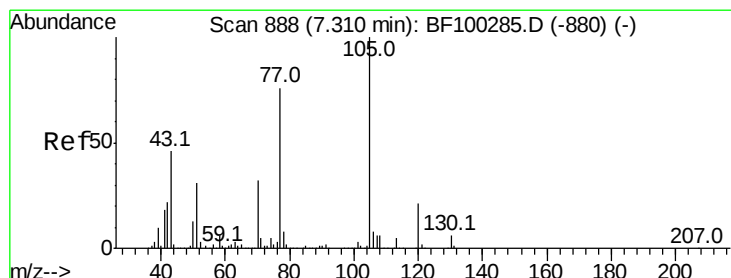
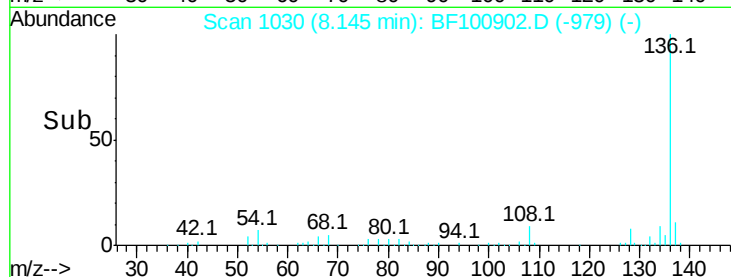
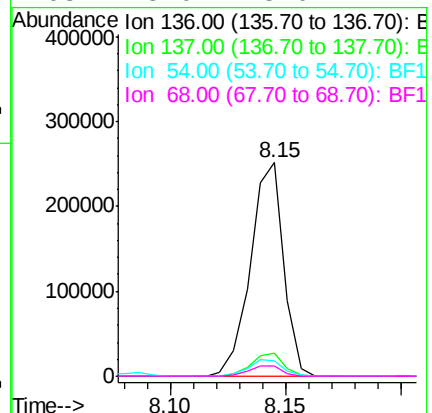
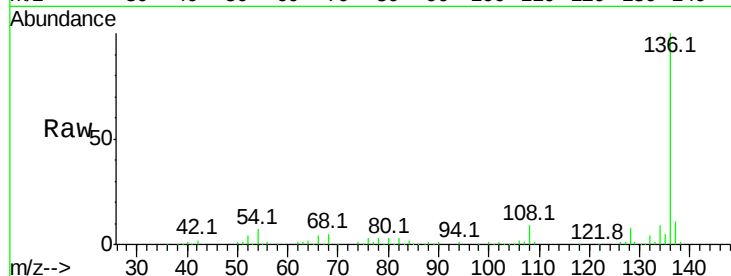




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

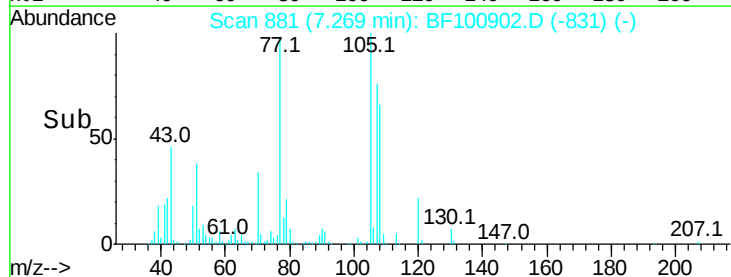
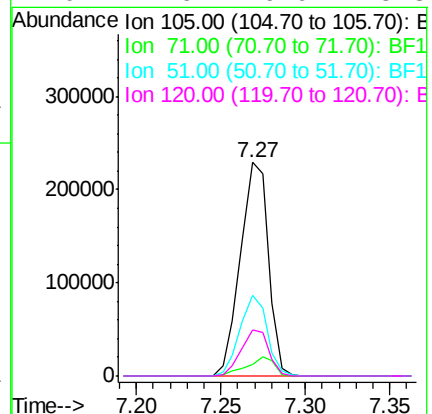
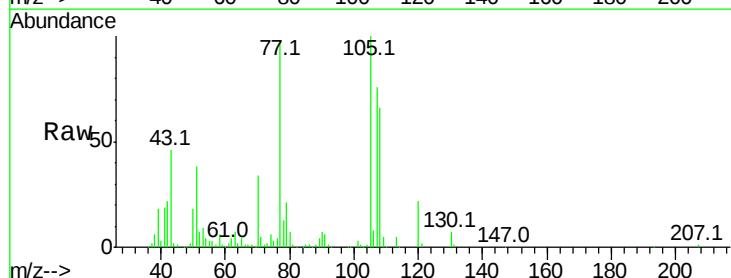
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	252169
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.3	6.6 9.8
68	5.0	5.0 7.4#



#22
Acetophenone
Concen: 43.232 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:105	Resp:	265839
Ion Ratio	Lower	Upper
105	100	
71	5.5	4.4 6.6
51	37.8	22.3 33.5#
120	21.6	16.9 25.3

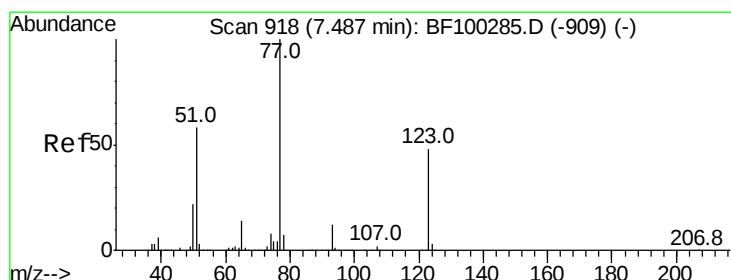
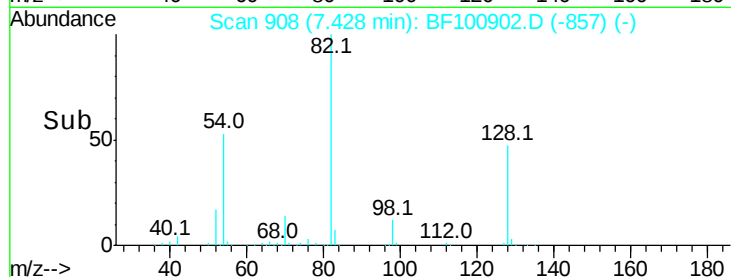
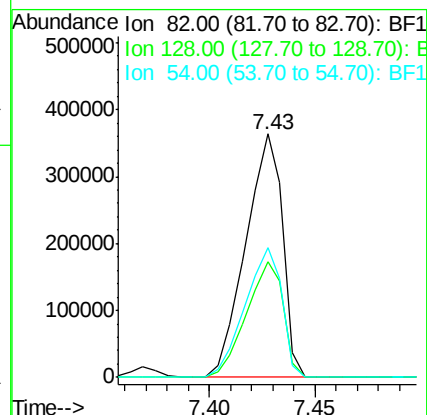
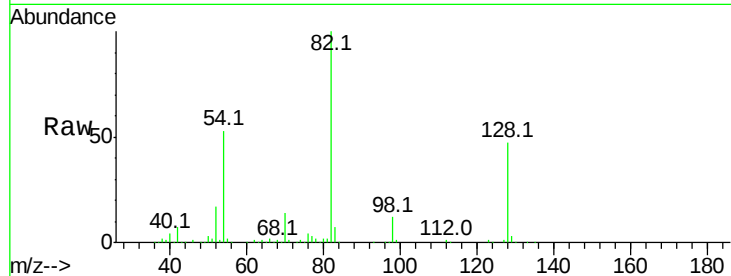




#23
Nitrobenzene-d5
Concen: 115.326 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

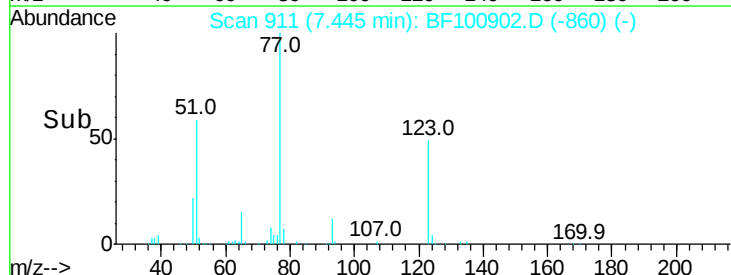
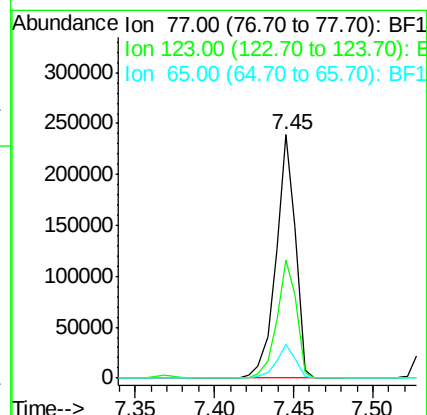
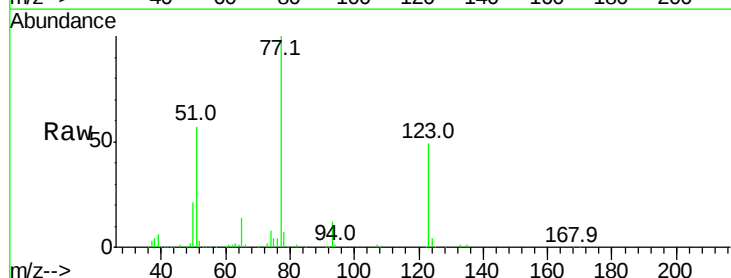
Instrument :
BNA_F
ClientSampled :

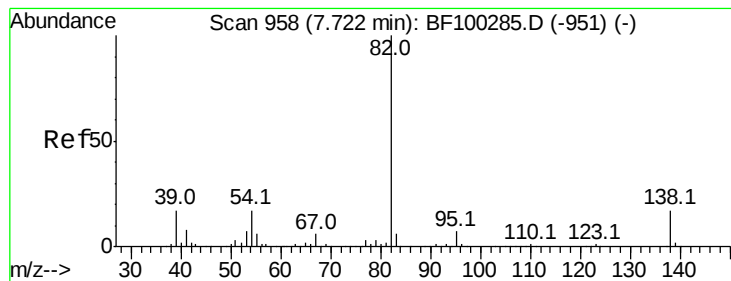
Tot Ion: 82 Resp: 439875
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 53.4 41.4 62.2



#24
Nitrobenzene
Concen: 52.150 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion: 77 Resp: 204729
Ion Ratio Lower Upper
77 100
123 48.8 37.9 56.9
65 13.9 11.0 16.4





#25

Isophorone

Concen: 47.403 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

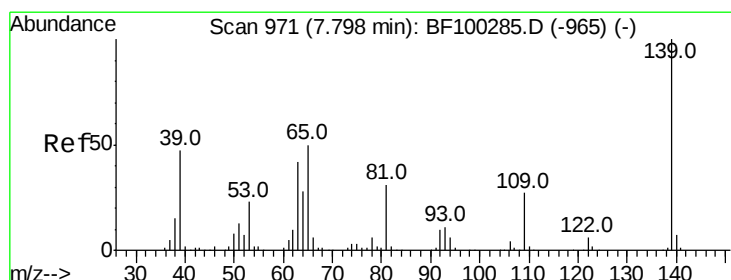
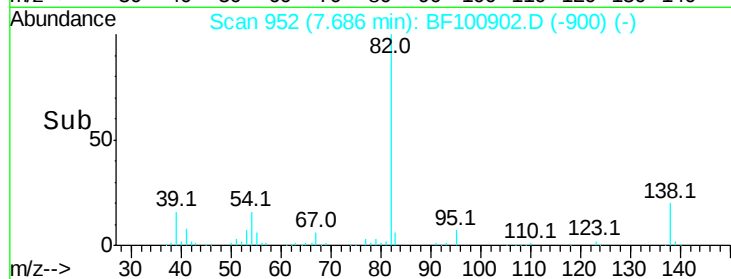
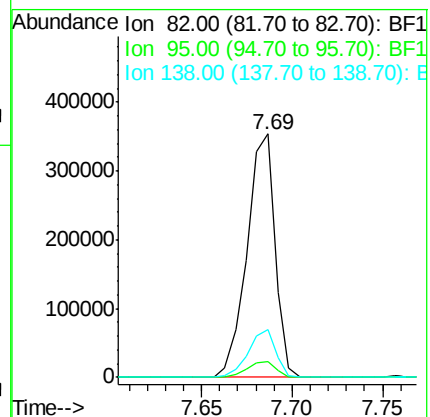
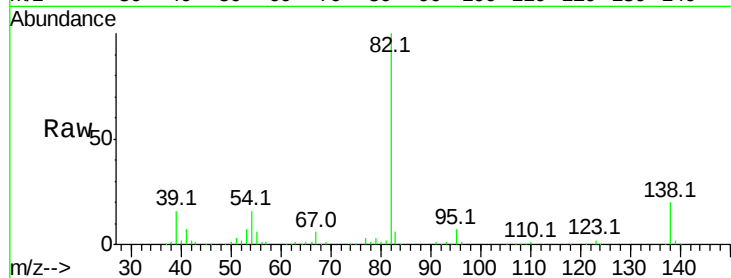
Tot Ion: 82 Resp: 379942

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.7 14.9 22.3



#26

2-Nitrophenol

Concen: 56.435 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

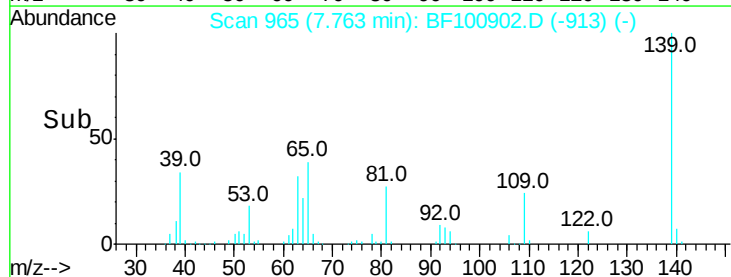
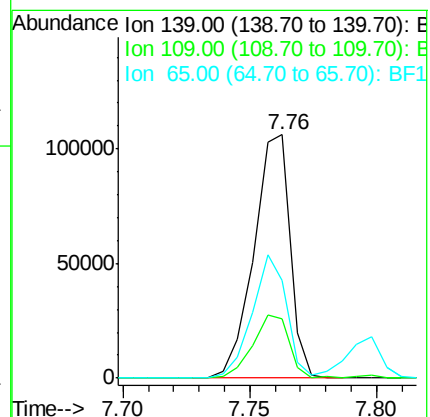
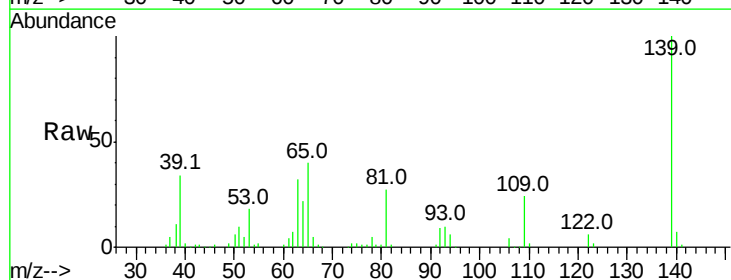
Tgt Ion: 139 Resp: 105836

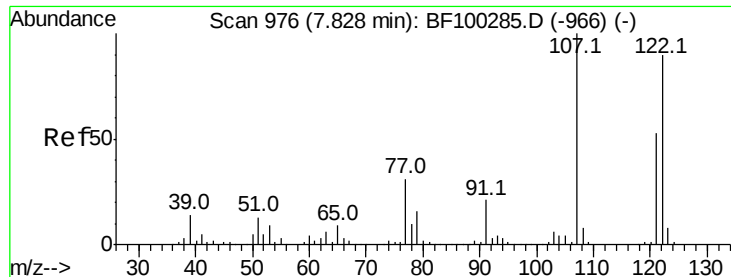
Ion Ratio Lower Upper

139 100

109 24.3 22.7 34.1

65 40.3 40.5 60.7#

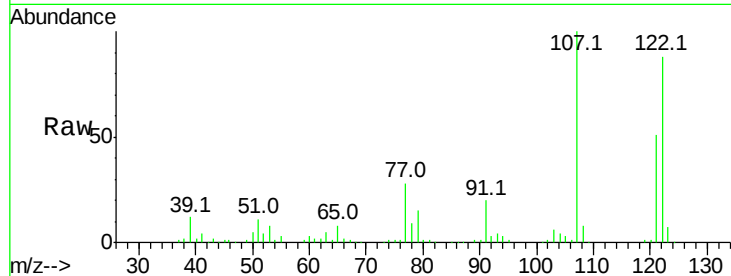




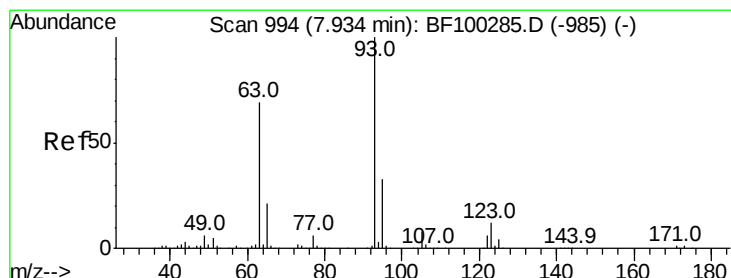
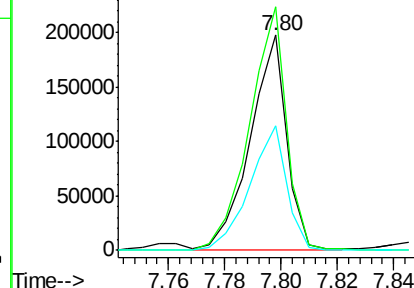
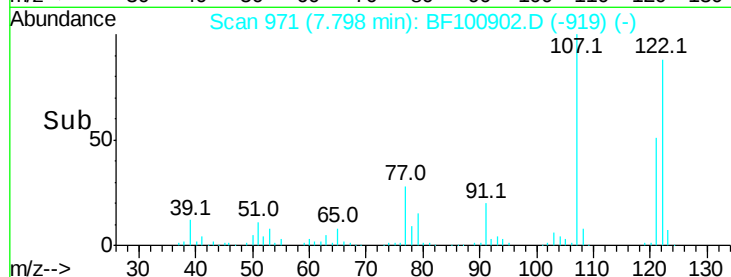
#27
2,4-Dimethylphenol
Concen: 49.467 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 177739
Ion Ratio Lower Upper
122 100
107 113.3 91.2 136.8
121 58.2 47.2 70.8

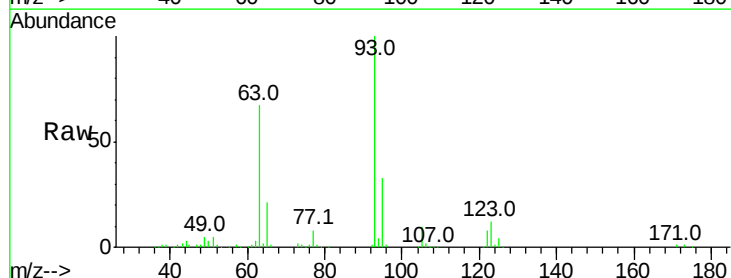


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

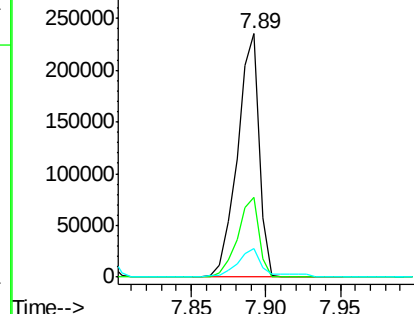
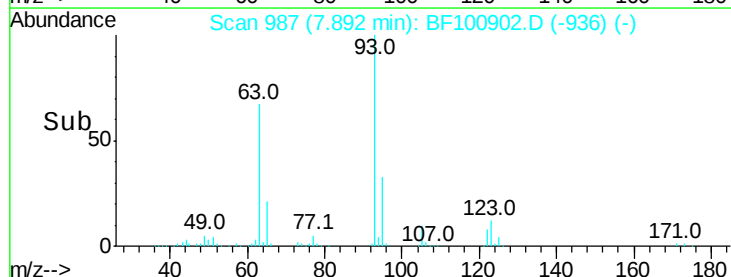


#28
bis(2-Chloroethoxy)methane
Concen: 45.965 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion: 93 Resp: 240989
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 11.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.398 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampled :

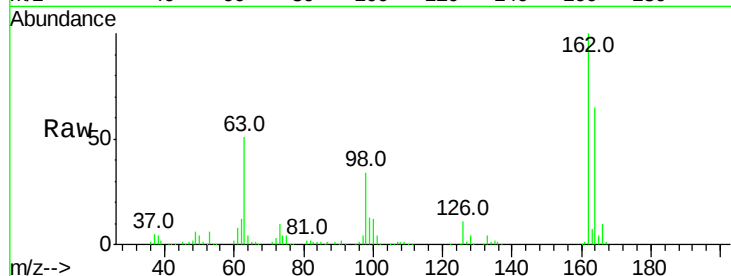
Tot Ion:162 Resp: 176299

Ion Ratio Lower Upper

162 100

164 65.3 42.7 82.7

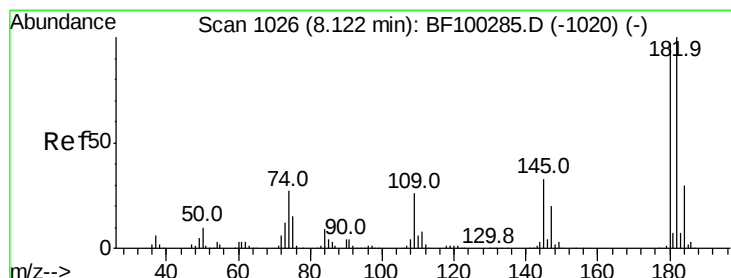
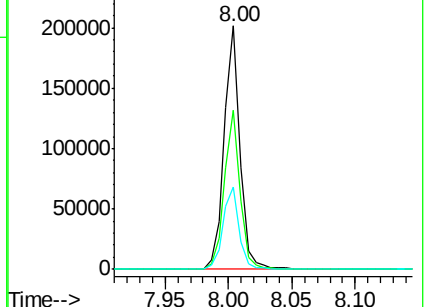
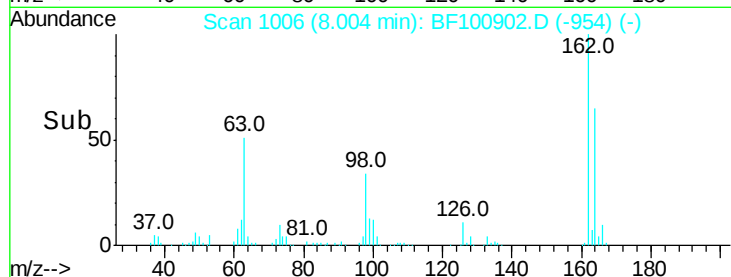
98 33.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 51.504 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

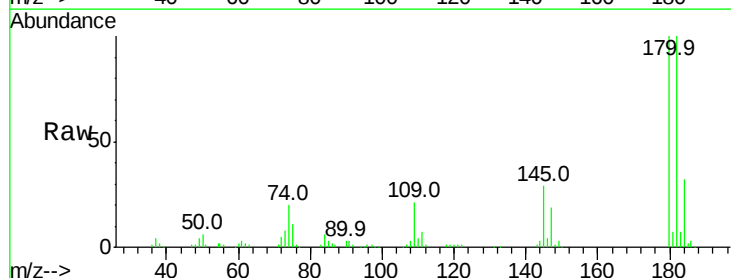
Tgt Ion:180 Resp: 191099

Ion Ratio Lower Upper

180 100

182 100.4 76.8 115.2

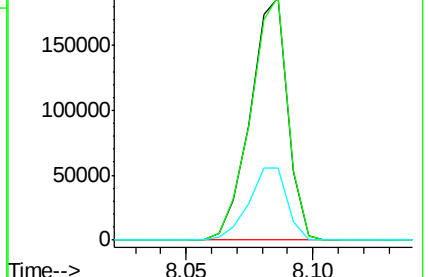
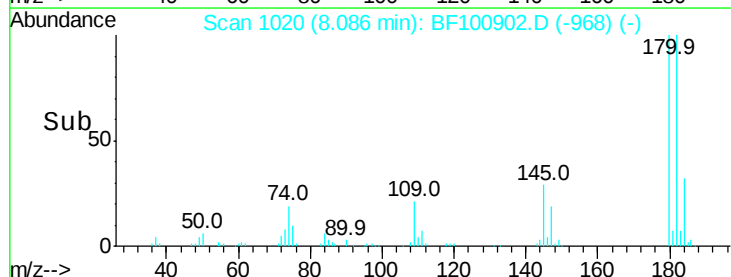
145 29.6 26.5 39.7

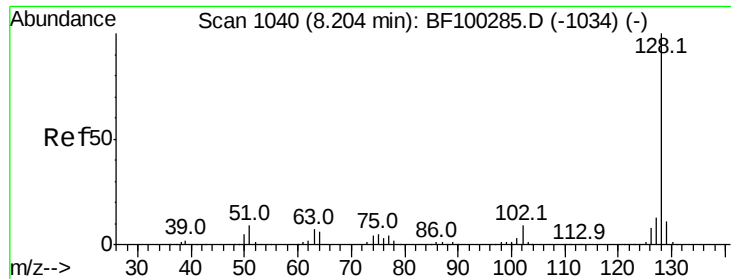


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

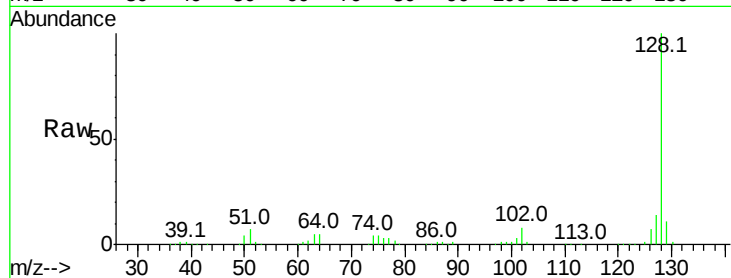




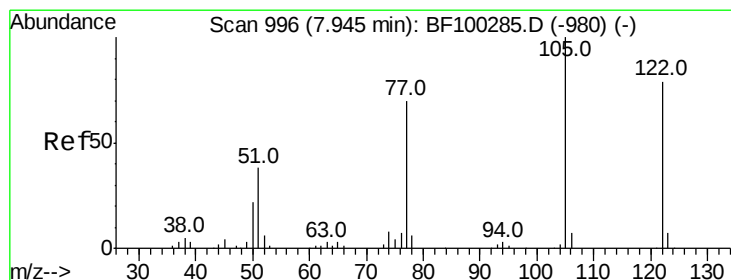
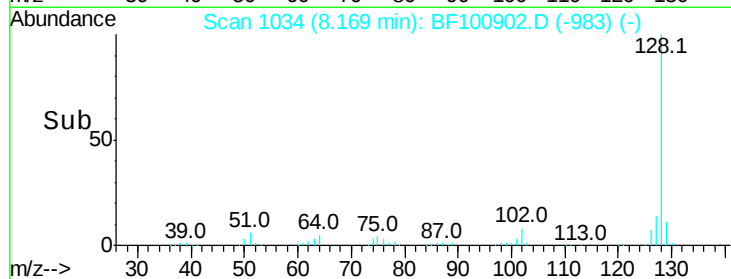
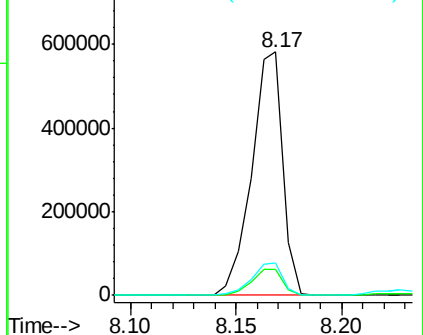
#31
Naphthalene
Concen: 48.939 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 594405
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.5 10.9 16.3

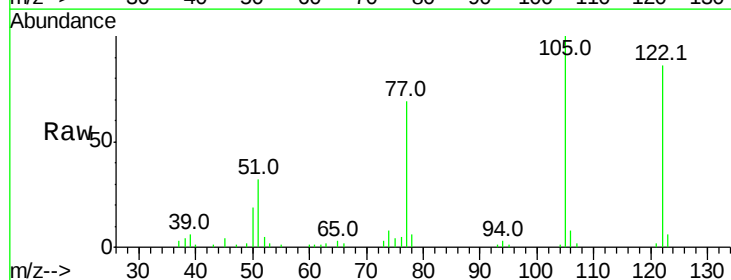


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

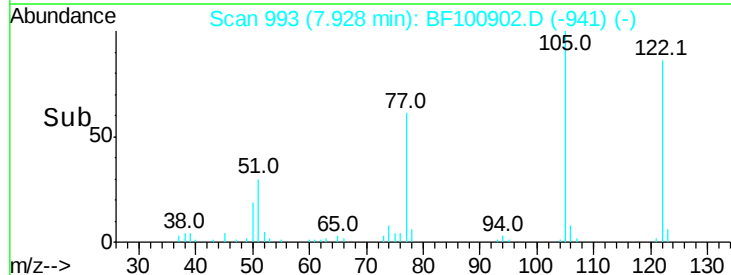
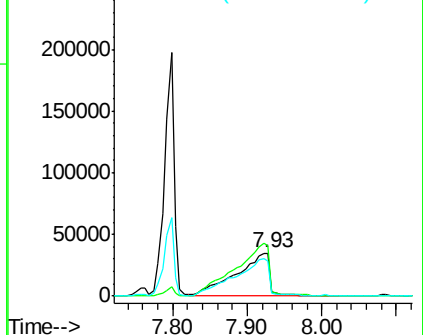


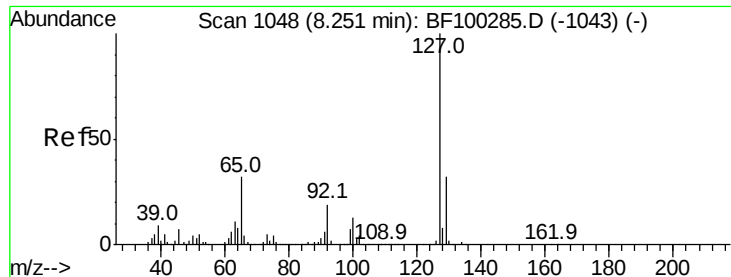
#32
Benzoic acid
Concen: 42.399 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:122 Resp: 112920
Ion Ratio Lower Upper
122 100
105 116.6 101.1 141.1
77 80.1 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): BF1

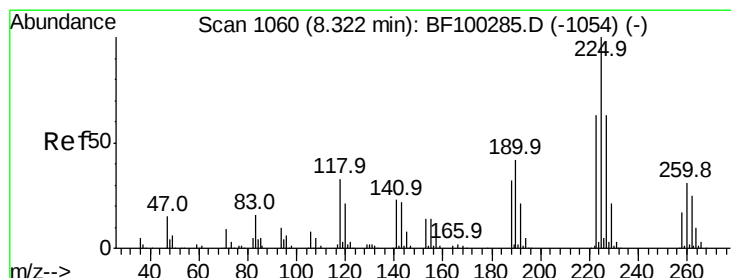
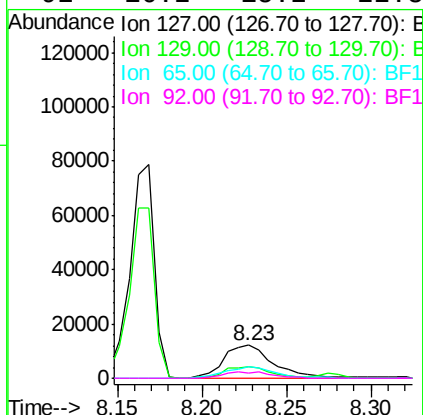
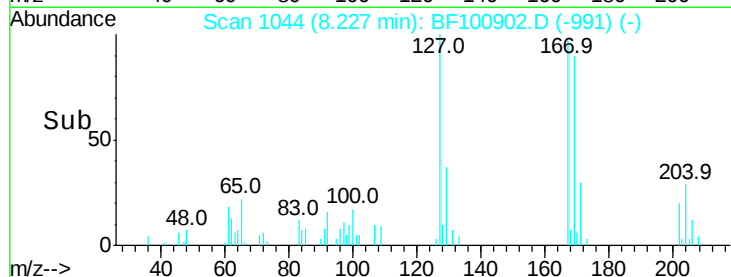
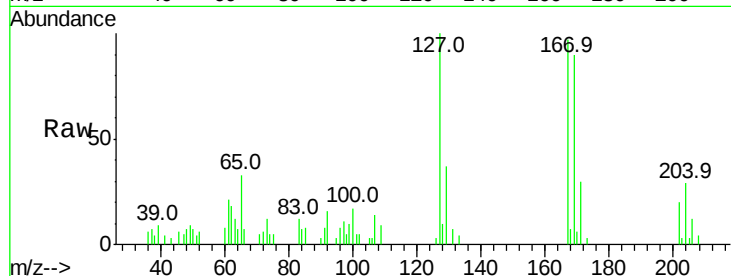




#33
4-Chloroaniline
Concen: 4.898 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

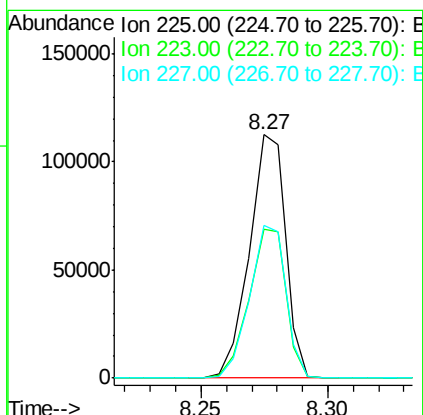
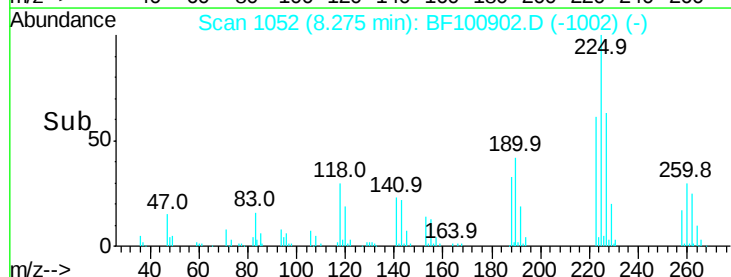
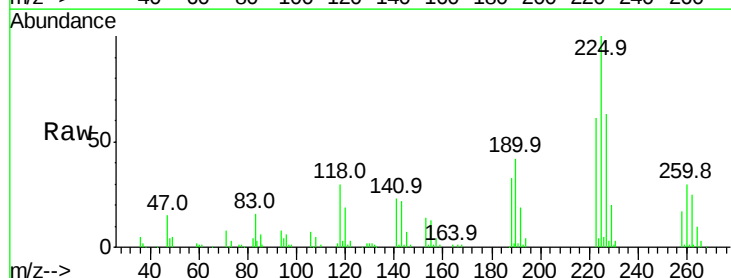
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	24765
Ion	Ratio	Lower	Upper
127	100		
129	36.7	25.9	38.9
65	33.2	25.0	37.4
92	16.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 50.953 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:	225	Resp:	112405
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	63.0	51.9	77.9

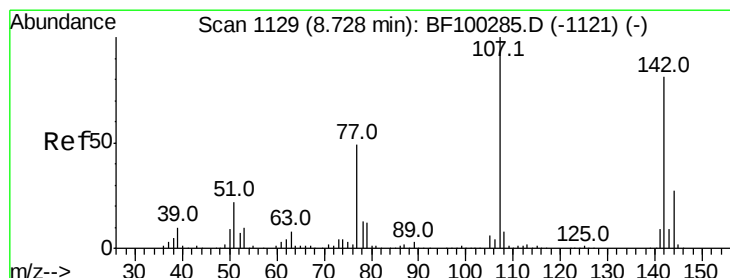
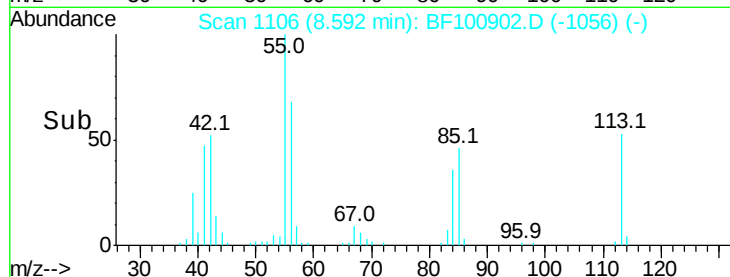
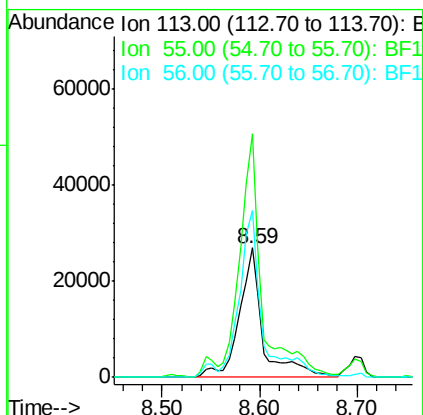
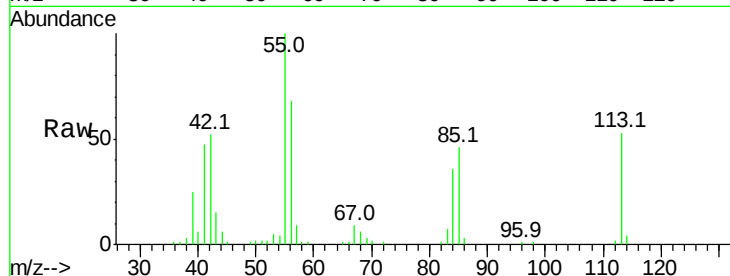




#35
 Caprolactam
 Concen: 38.523 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

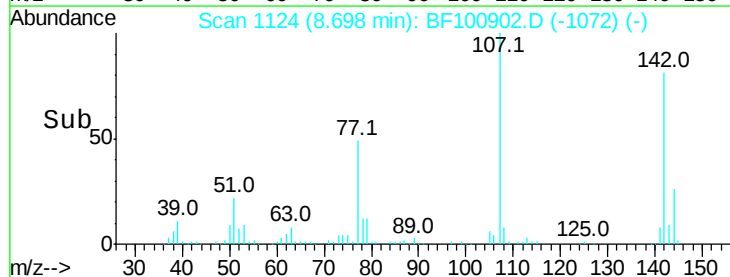
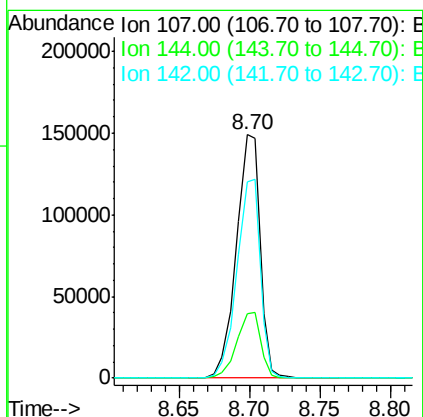
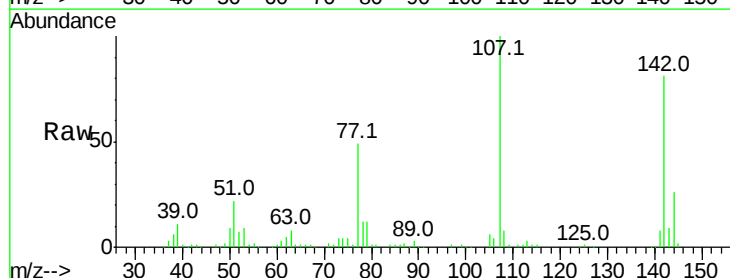
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 45347
 Ion Ratio Lower Upper
 113 100
 55 188.3 163.3 203.3
 56 128.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.635 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:107 Resp: 175484
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 80.6 62.0 93.0

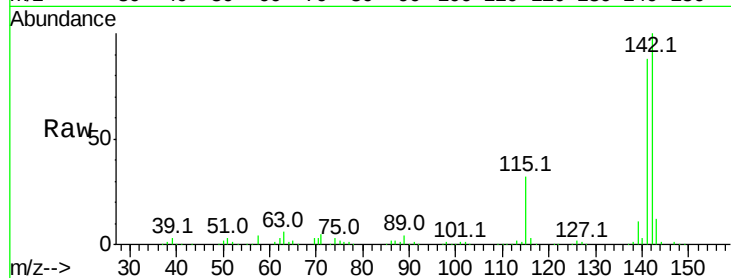




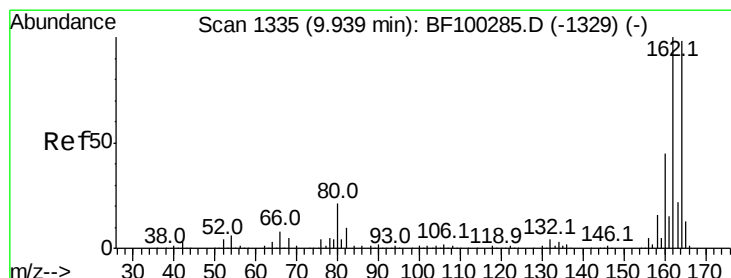
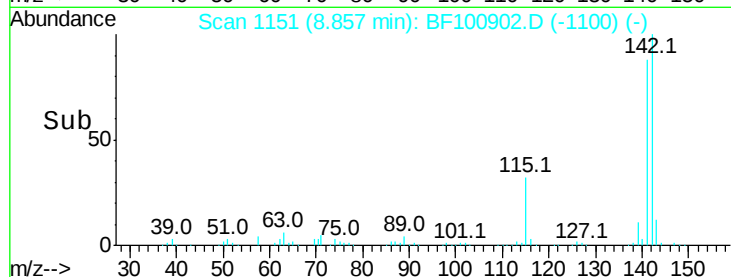
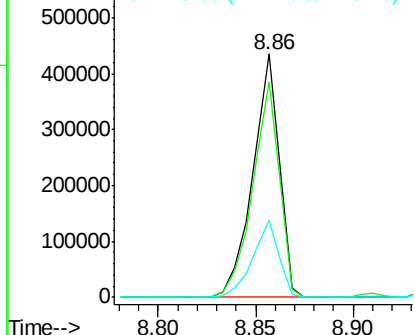
#37
2-Methylnaphthalene
Concen: 50.727 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 409044
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 31.7 26.1 39.1

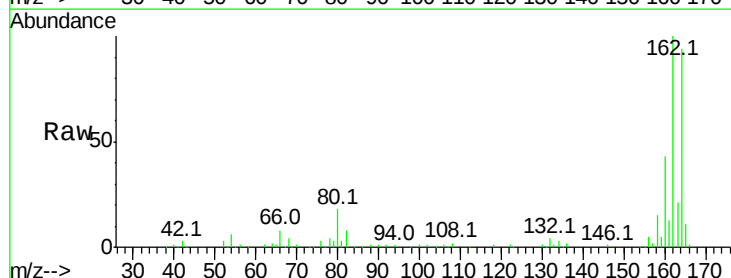


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

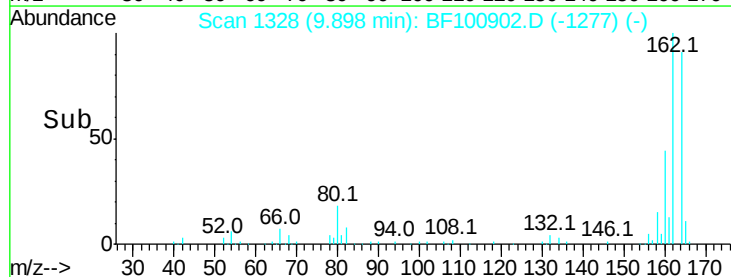
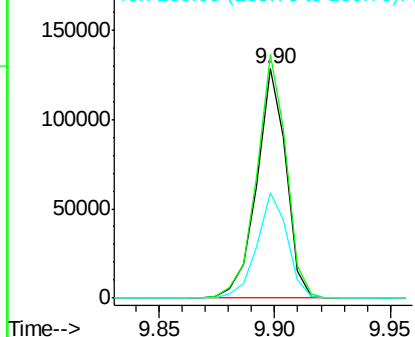


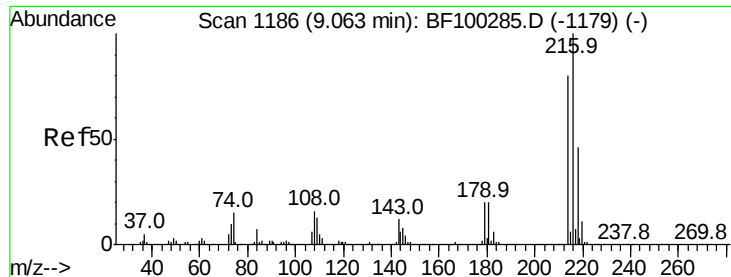
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:164 Resp: 113646
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 46.2 38.3 57.5



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

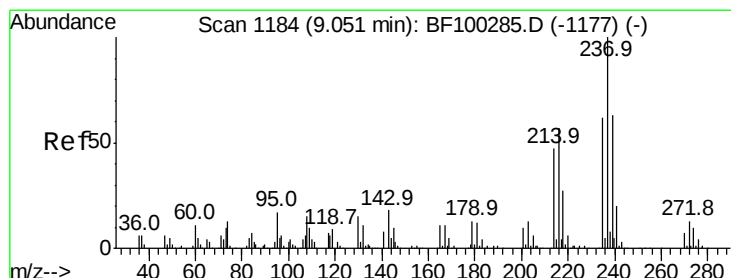
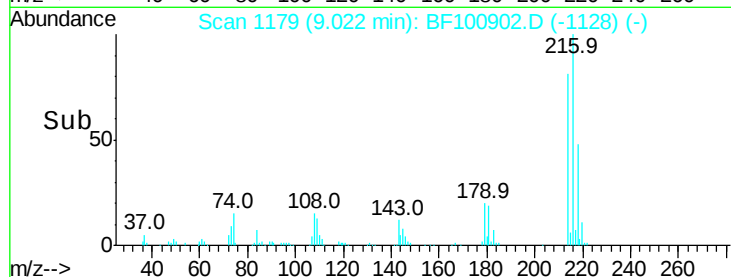
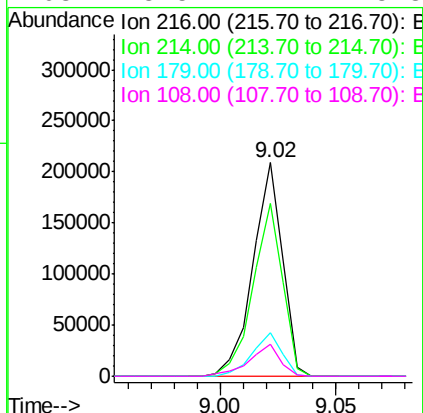
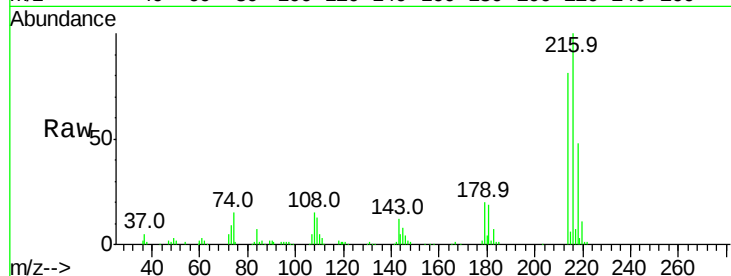




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.772 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

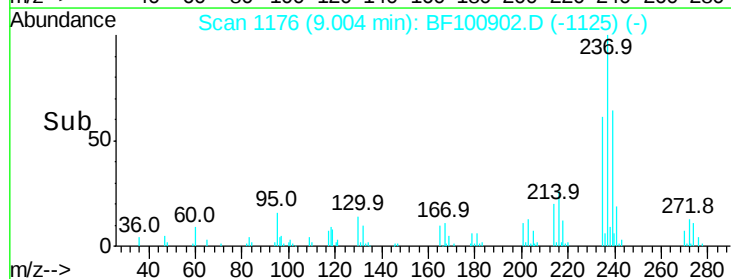
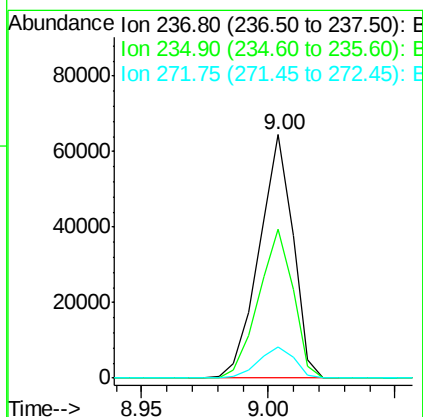
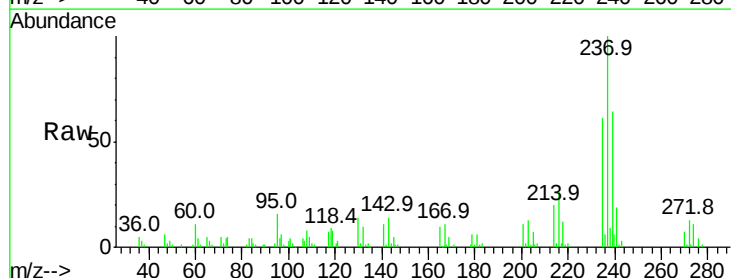
Instrument :
 BNA_F
 ClientSampleId :

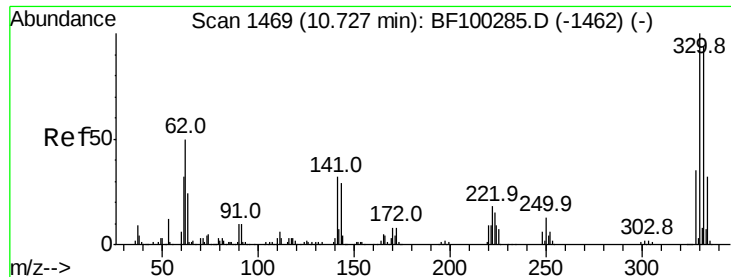
Tot Ion:	216	Resp:	187594
Ion	Ratio	Lower	Upper
216	100		
214	80.8	63.0	94.4
179	20.3	18.1	27.1
108	15.5	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 34.042 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:	237	Resp:	60388
Ion	Ratio	Lower	Upper
237	100		
235	61.1	44.8	84.8
272	13.0	0.0	33.3

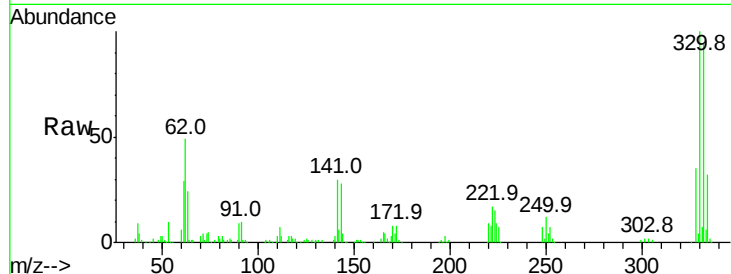




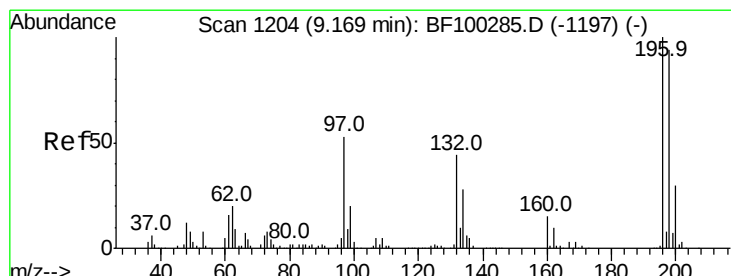
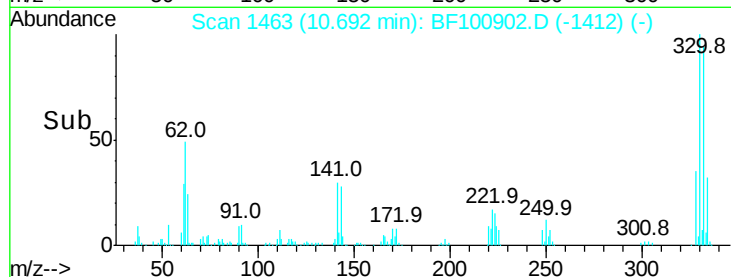
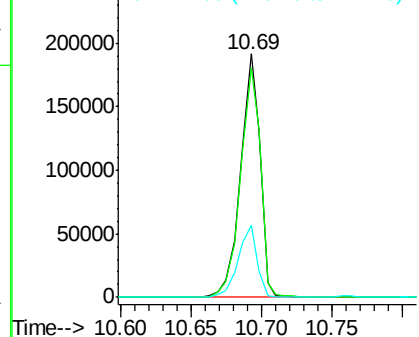
#41
 2,4,6-Tribromophenol
 Concen: 158.233 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	28.8	29.9	44.9#

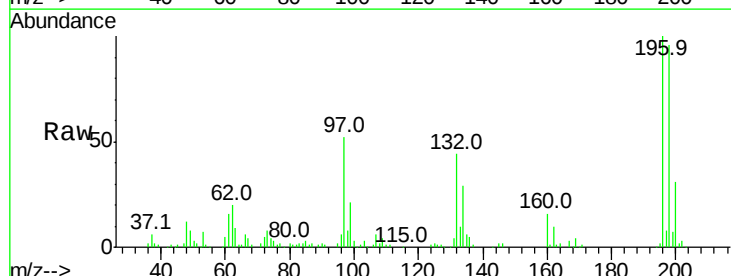


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

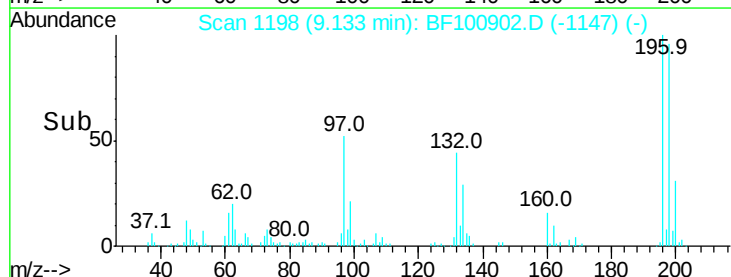
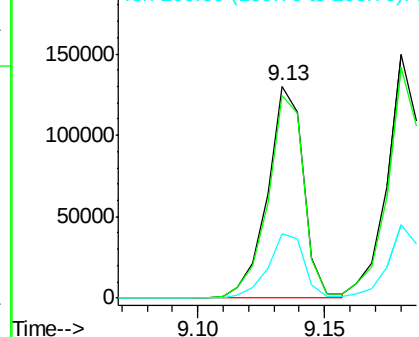


#42
 2,4,6-Trichlorophenol
 Concen: 54.393 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
200	30.6	24.5	36.7



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

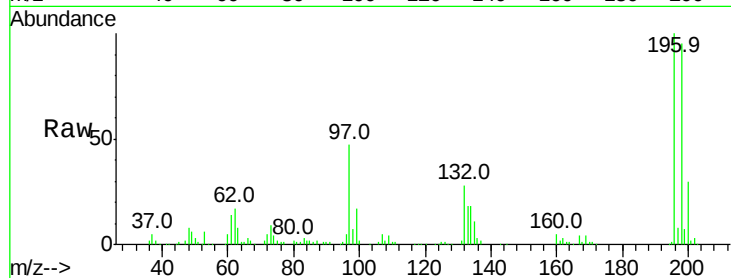




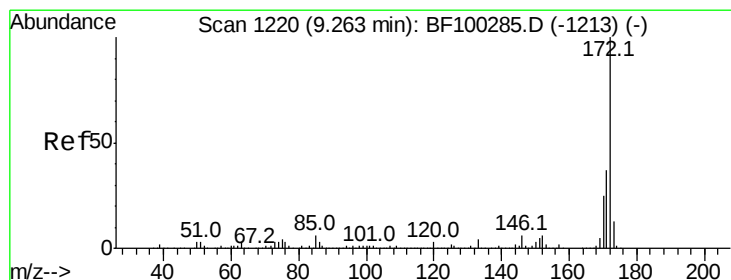
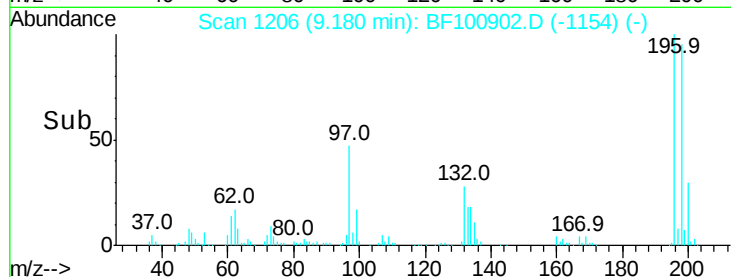
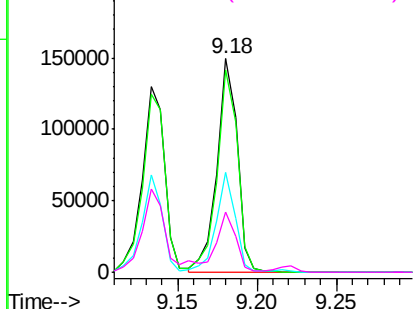
#43
 2,4,5-Trichlorophenol
 Concen: 54.349 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 134512
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.6 112.0
 97 46.6 42.9 64.3
 132 27.9 26.3 39.5

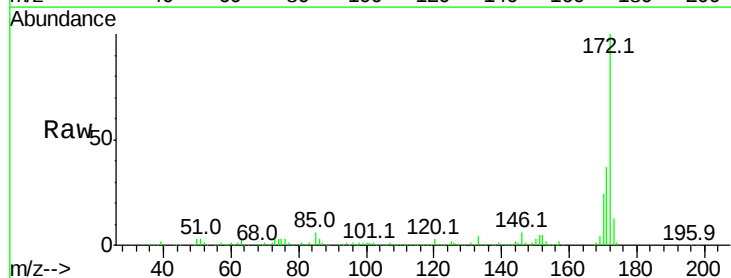


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

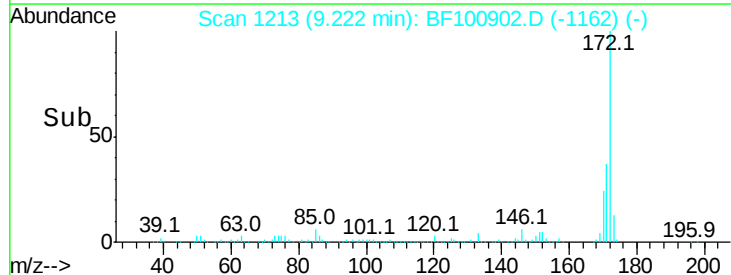
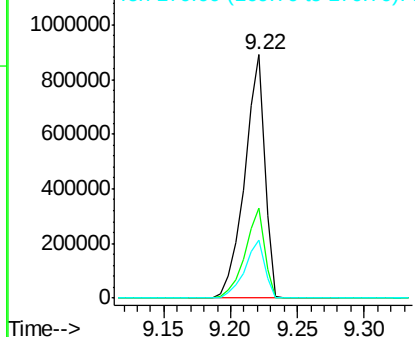


#44
 2-Fluorobiphenyl
 Concen: 123.429 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:172 Resp: 921201
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 23.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

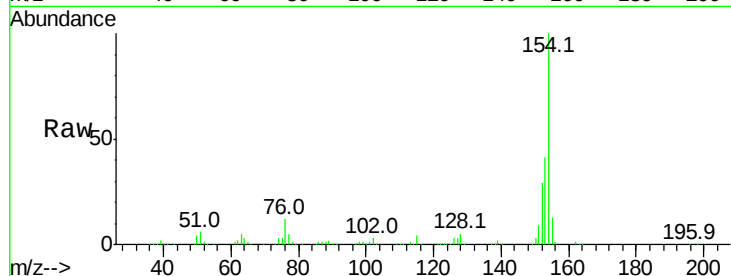




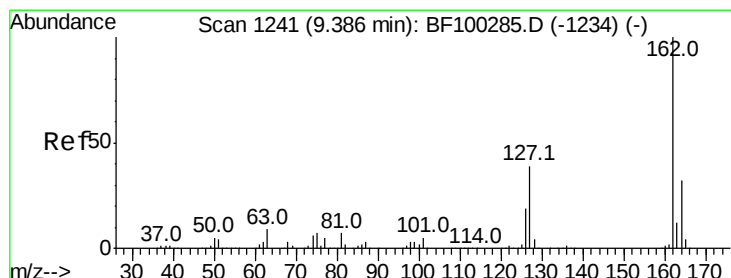
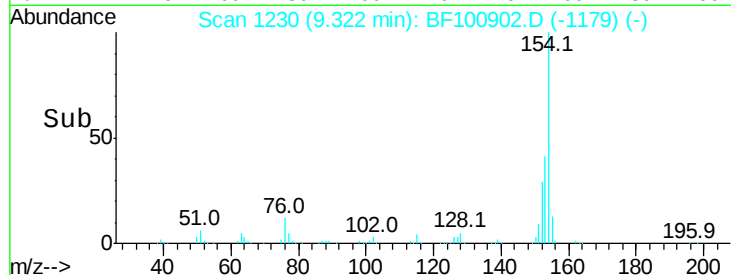
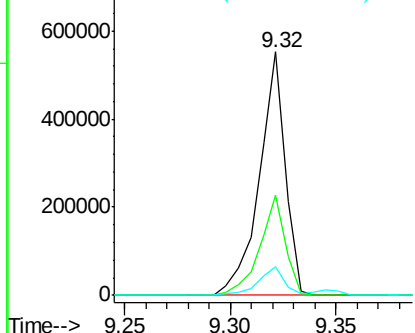
#45
 1,1'-Biphenyl
 Concen: 48.074 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	11.9	0.0	34.0

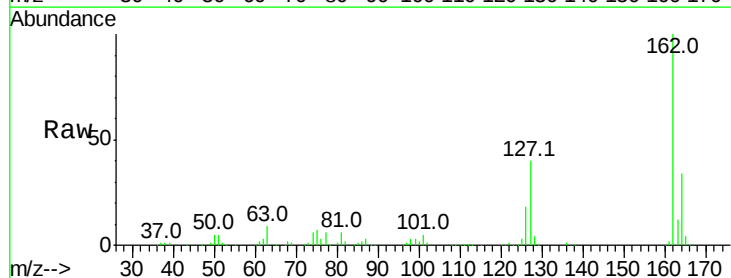


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

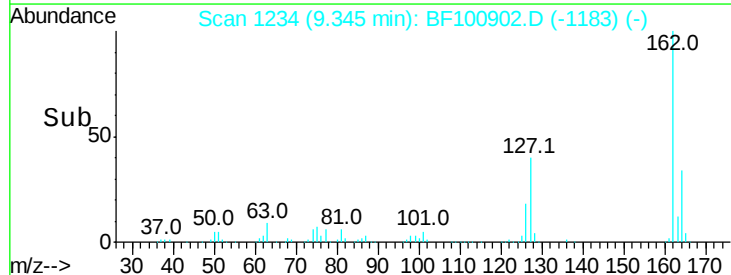
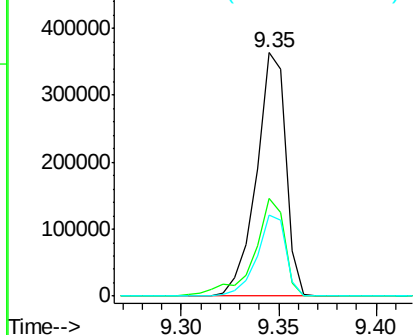


#46
 2-Chloronaphthalene
 Concen: 53.230 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	33.5	26.5	39.7



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





#47

2-Nitroaniline

Concen: 51.597 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

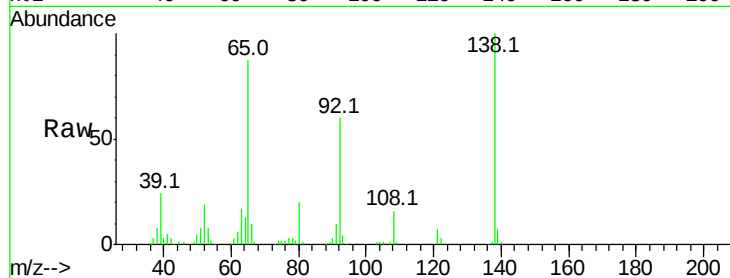
Tot Ion: 65 Resp: 109183

Ion Ratio Lower Upper

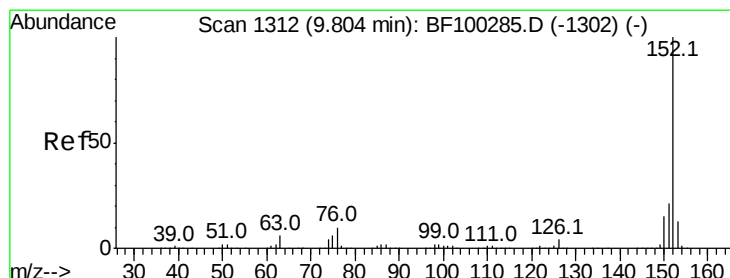
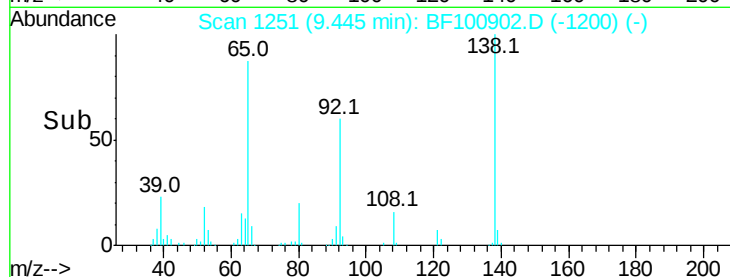
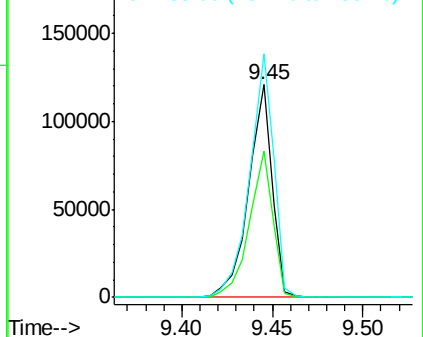
65 100

92 69.0 55.8 83.6

138 114.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 48.692 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

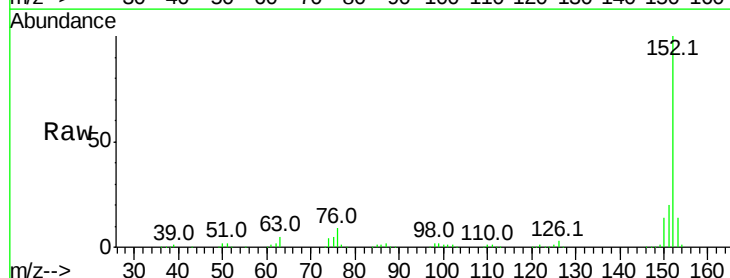
Tgt Ion: 152 Resp: 575404

Ion Ratio Lower Upper

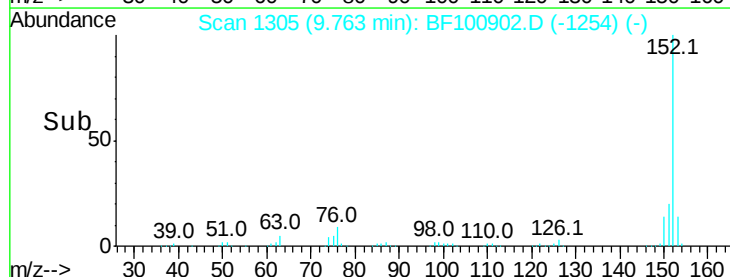
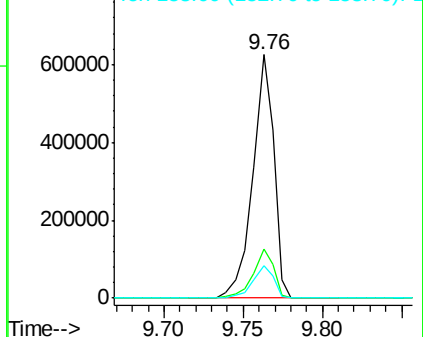
152 100

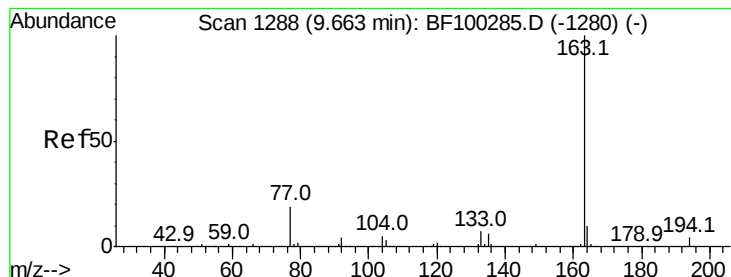
151 20.3 16.3 24.5

153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 52.977 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

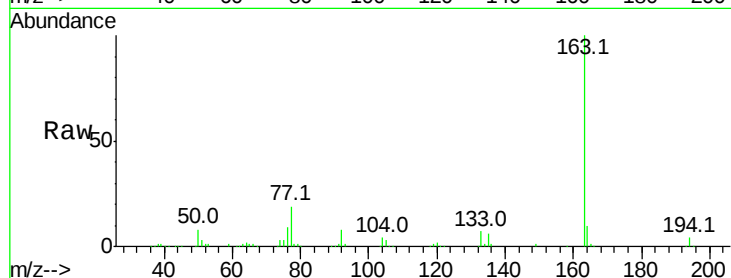
Tot Ion:163 Resp: 459681

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

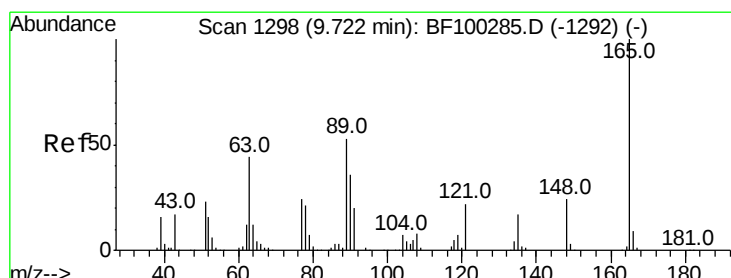
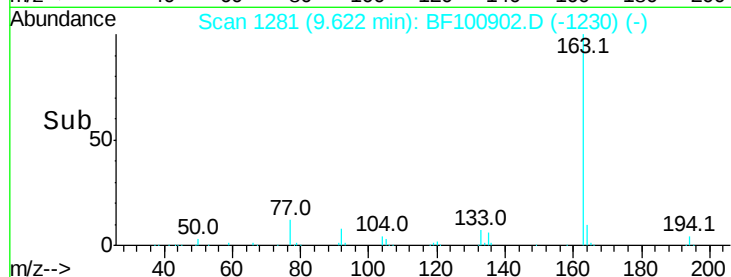
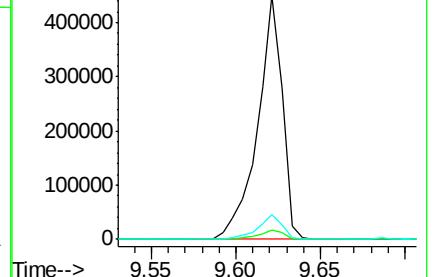
164 9.9 8.2 12.2



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: 56.026 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

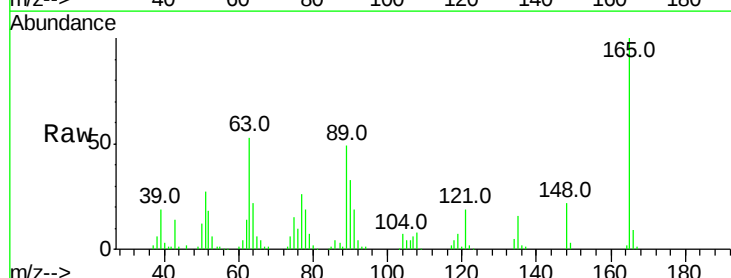
Tgt Ion:165 Resp: 96228

Ion Ratio Lower Upper

165 100

63 52.8 44.7 67.1

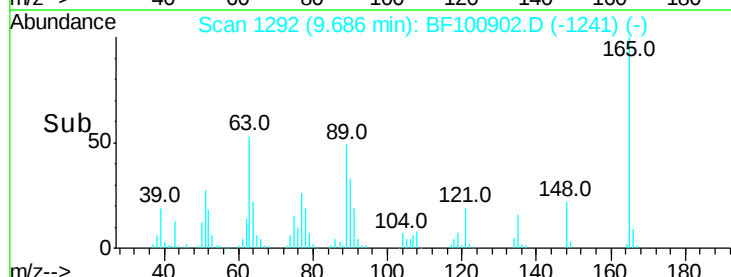
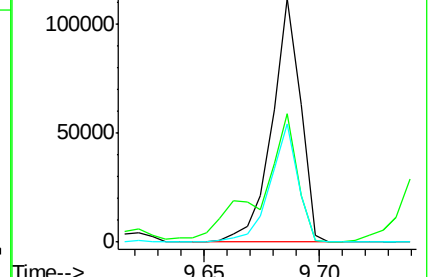
89 48.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

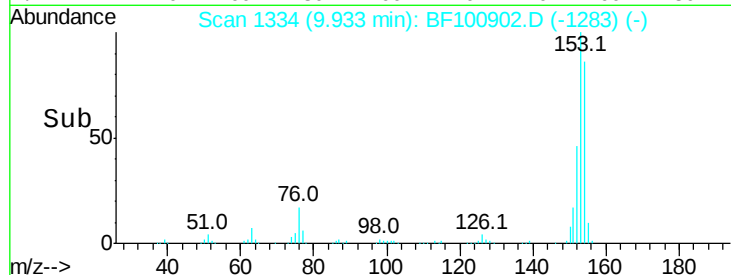
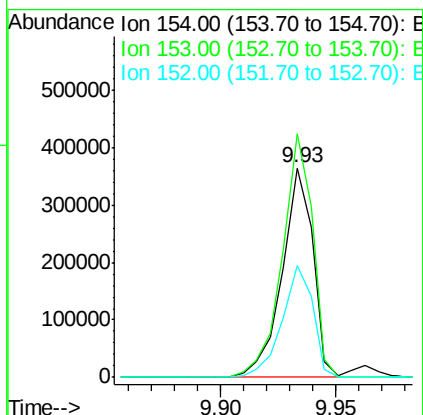
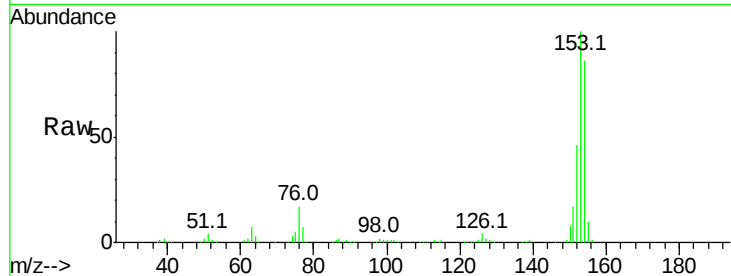




#51
Acenaphthene
Concen: 46.955 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

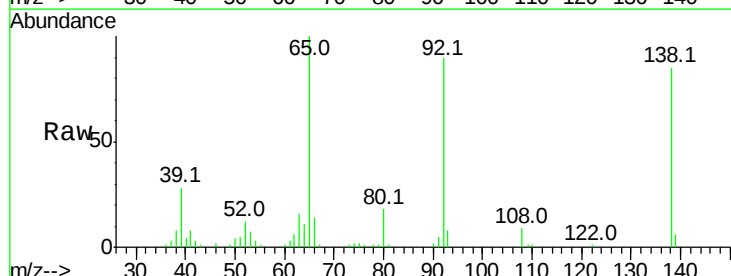
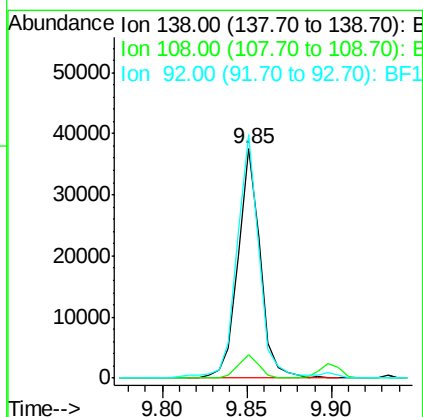
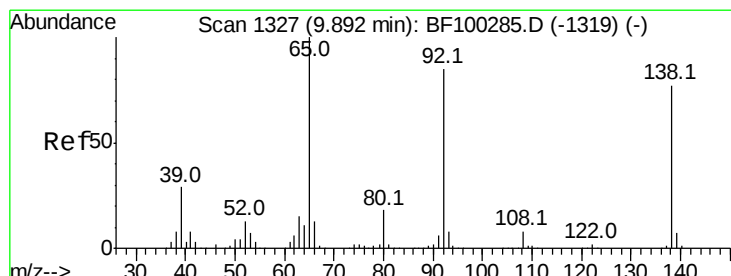
Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 337464
Ion Ratio Lower Upper
154 100
153 116.1 91.2 136.8
152 53.5 43.8 65.8



#52
3-Nitroaniline
Concen: 16.795 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:138 Resp: 34064
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.0
92 106.1 89.4 134.2

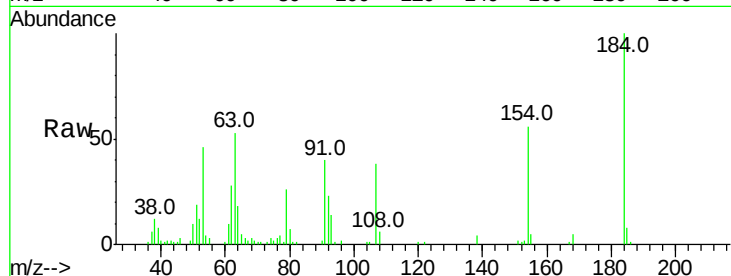




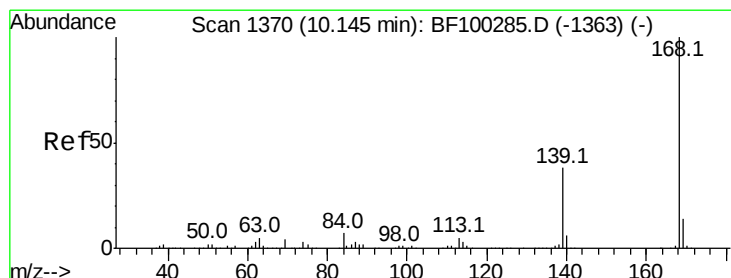
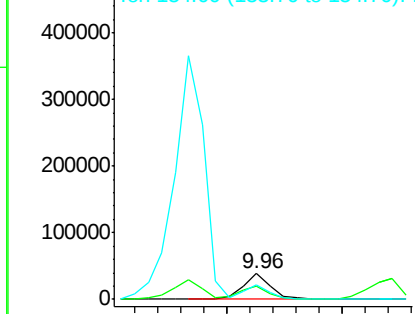
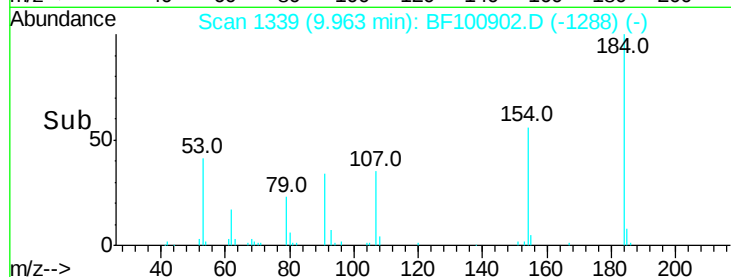
#53
2,4-Dinitrophenol
Concen: 52.524 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 32265
Ion Ratio Lower Upper
184 100
63 53.0 54.2 81.2#
154 56.2 184.0 276.0#

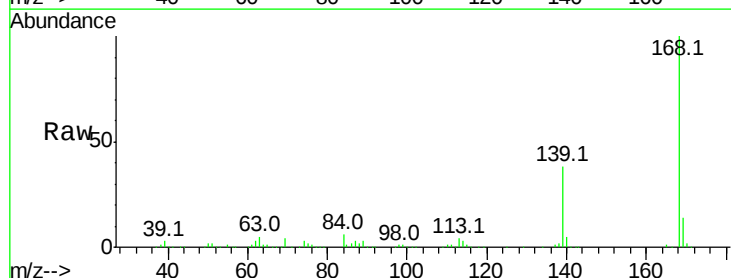


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

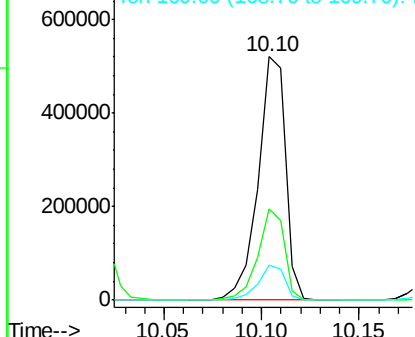
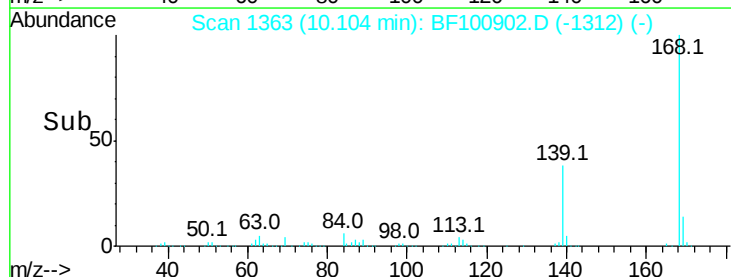


#54
Dibenzofuran
Concen: 50.359 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:168 Resp: 507270
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 14.5 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: 71.410 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

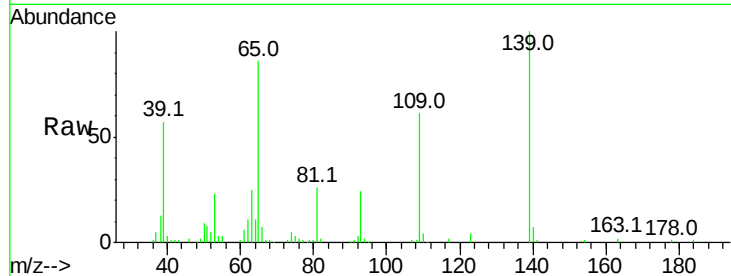
Tot Ion:139 Resp: 117603

Ion Ratio Lower Upper

139 100

109 60.7 48.4 88.4

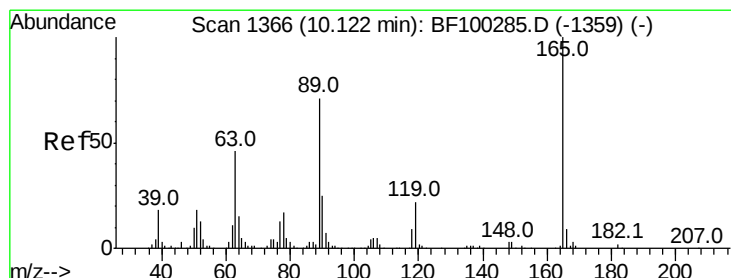
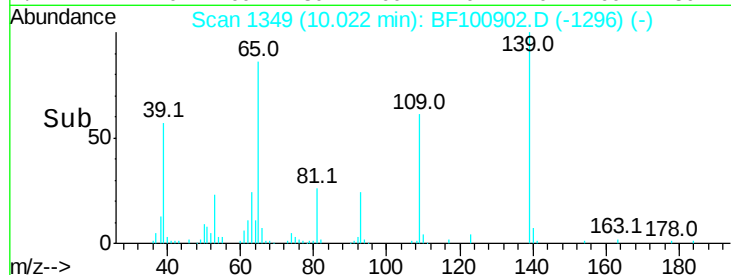
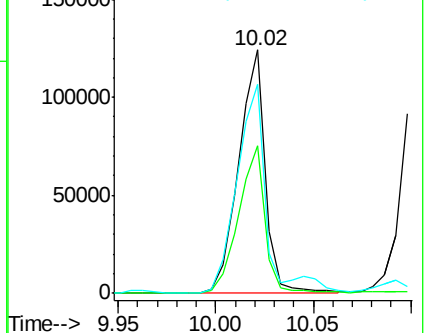
65 85.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 55.749 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Tgt Ion:165 Resp: 120795

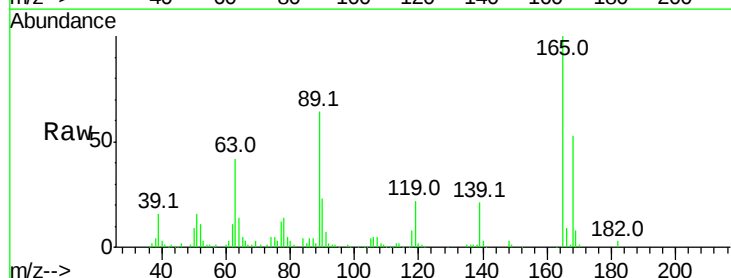
Ion Ratio Lower Upper

165 100

63 42.0 36.4 54.6

89 64.3 57.8 86.6

182 2.8 1.6 2.4#

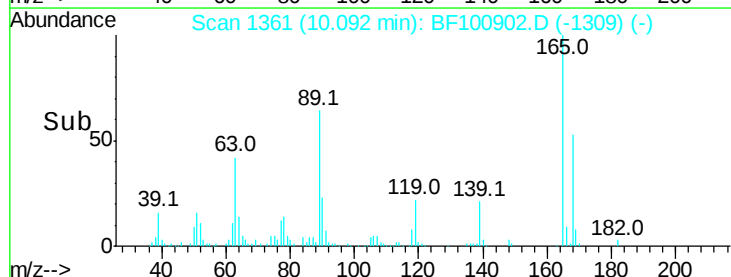
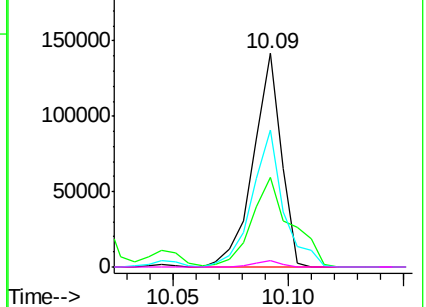


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

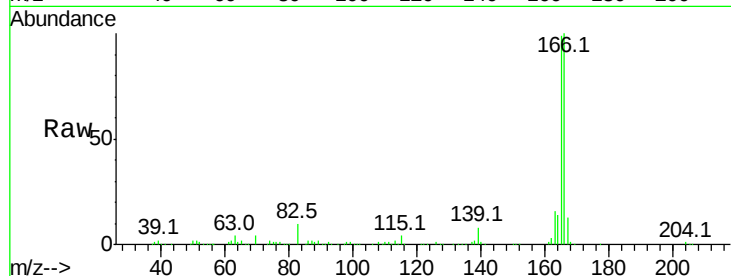




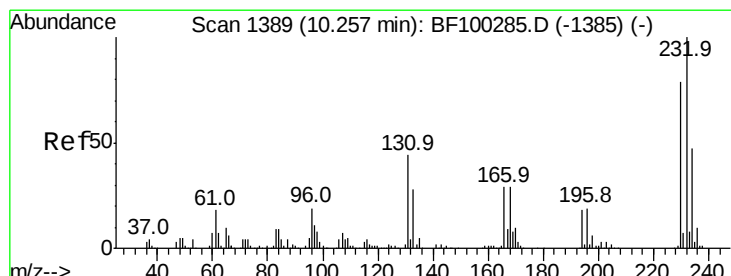
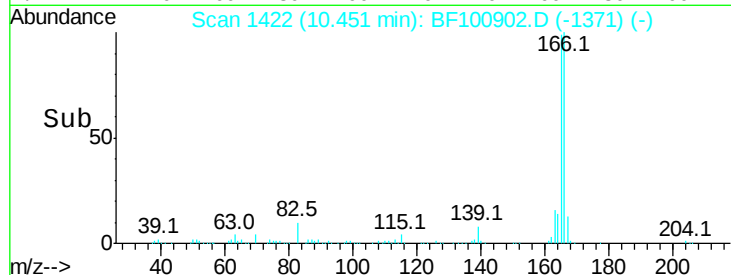
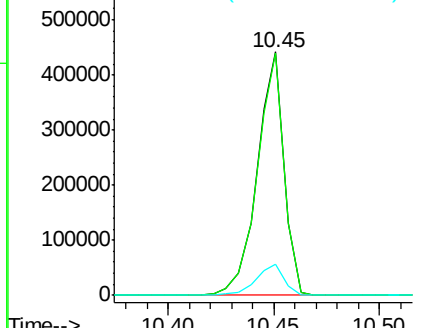
#57
 Fluorene
 Concen: 52.682 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 388750
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.8 119.8
 167 13.0 10.6 16.0



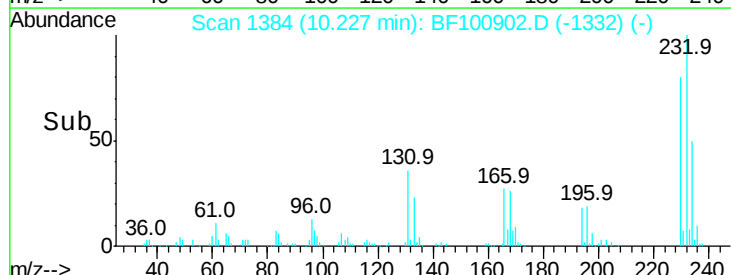
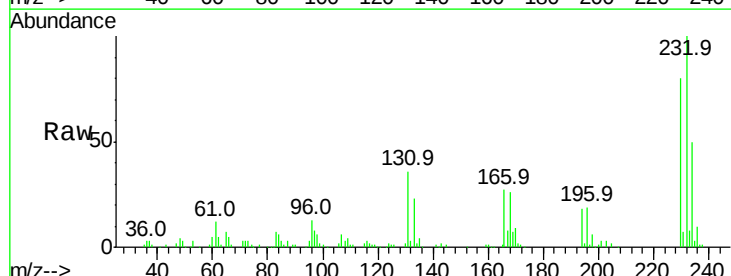
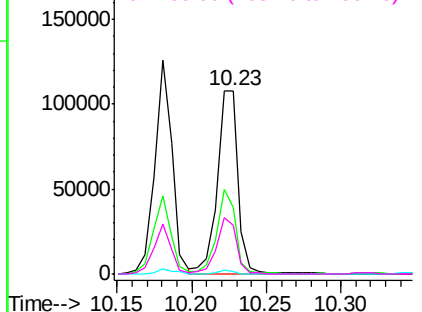
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

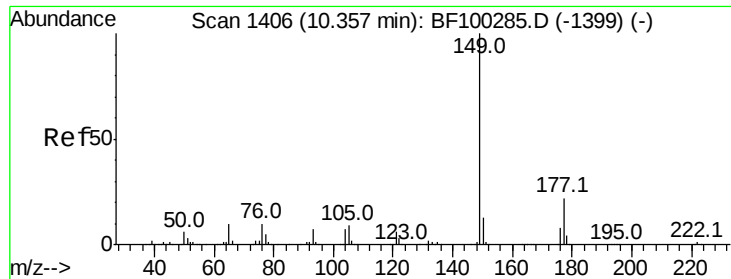


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.726 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:232 Resp: 104922
 Ion Ratio Lower Upper
 232 100
 131 42.2 43.8 65.8#
 130 1.8 2.1 3.1#
 166 29.5 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

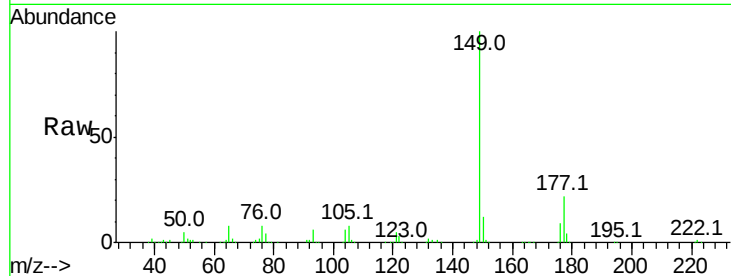




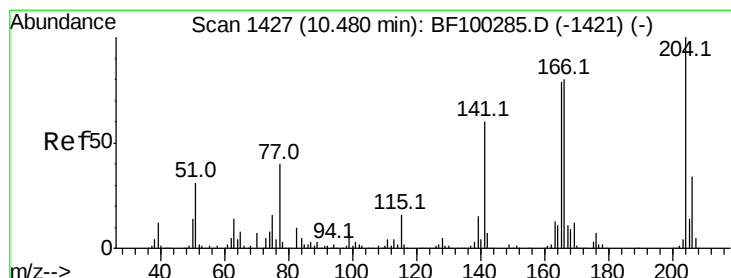
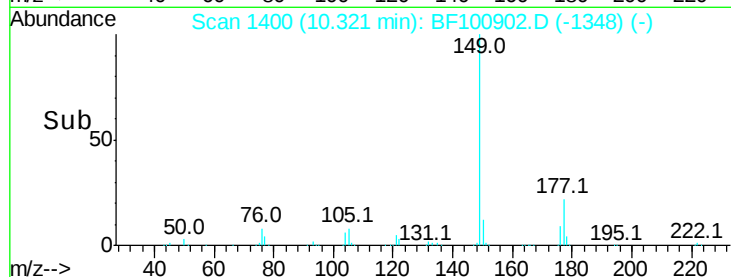
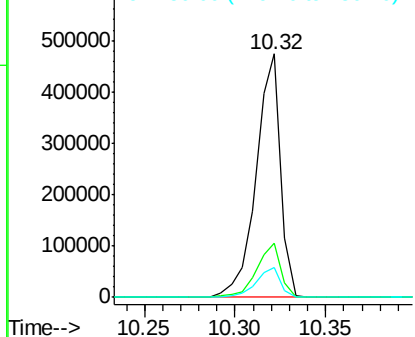
#59
Diethylphthalate
Concen: 50.917 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 442125
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.2 10.1 15.1

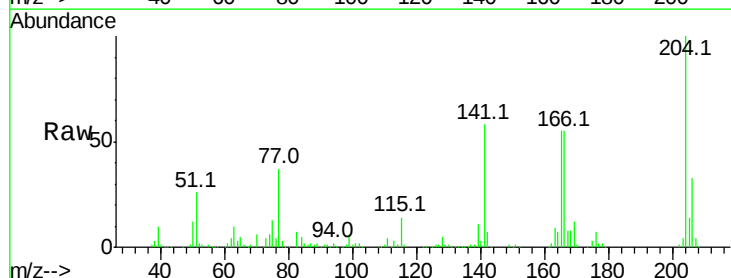


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

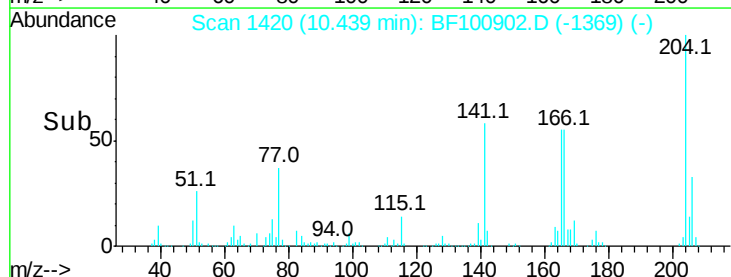
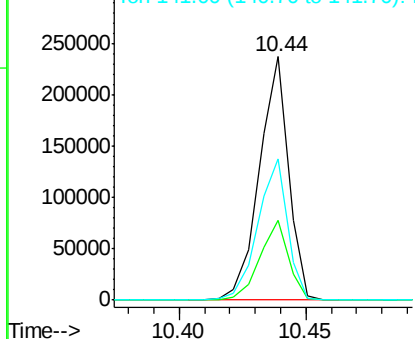


#60
4-Chlorophenyl-phenylether
Concen: 53.028 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:204 Resp: 191960
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 58.2 54.6 81.8



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





#61

4-Nitroaniline

Concen: 38.591 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

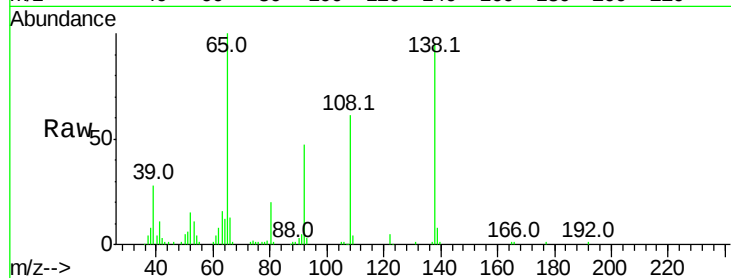
Instrument :

BNA_F

ClientSampled :

Tot Ion:138 Resp: 74217

Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.2	70.2
108	64.1	52.5	92.5



Abundance

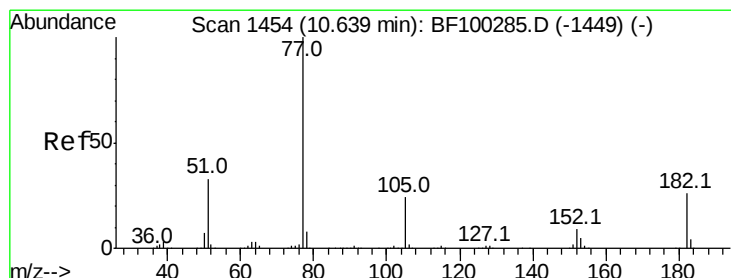
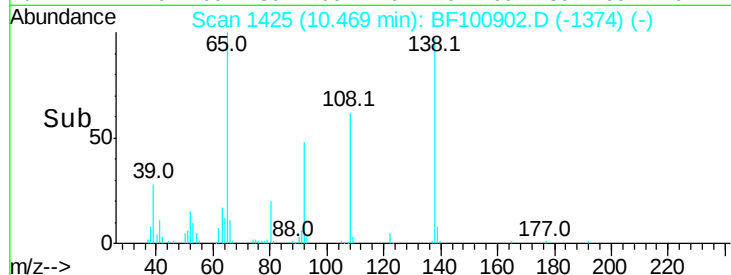
Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



Time-->



#62

Azobenzene

Concen: 43.761 ng

RT: 10.60 min Scan# 1447

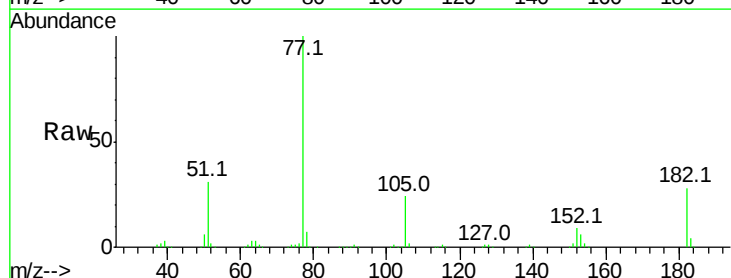
Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Tgt Ion: 77 Resp: 357893

Ion	Ratio	Lower	Upper
77	100		
182	28.2	1.7	41.7
105	23.6	3.0	43.0
51	31.1	9.9	49.9



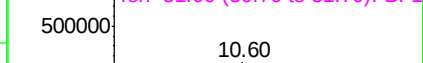
Abundance

Ion 77.00 (76.70 to 77.70): BF1

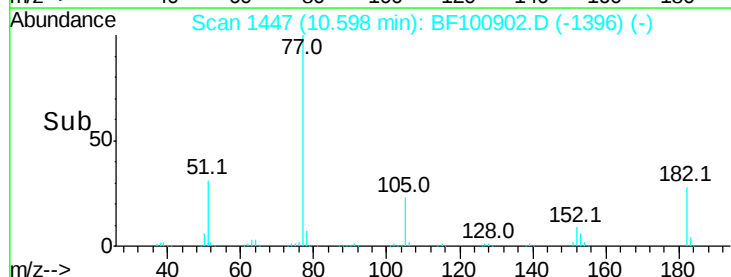
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->

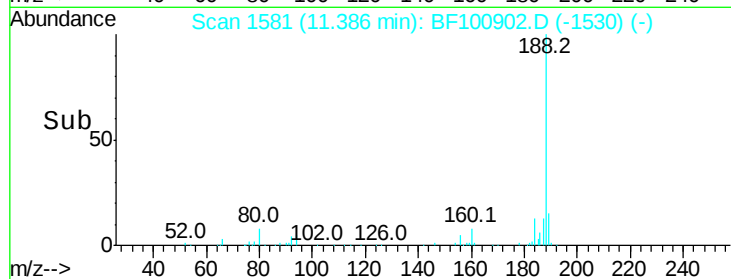
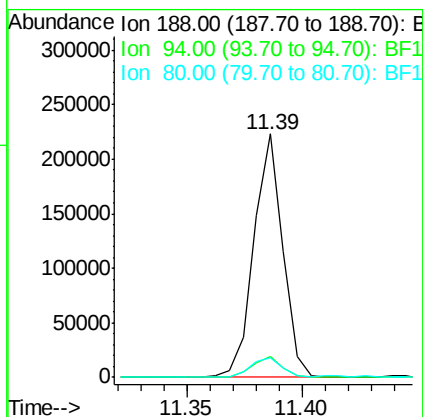
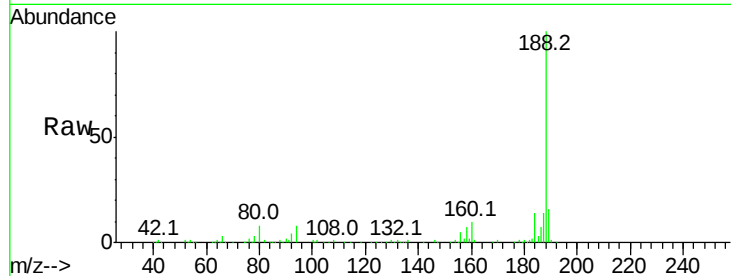




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

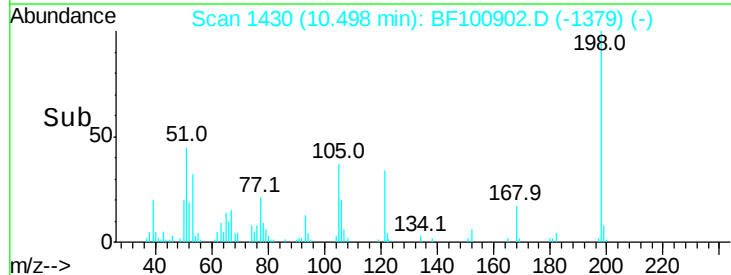
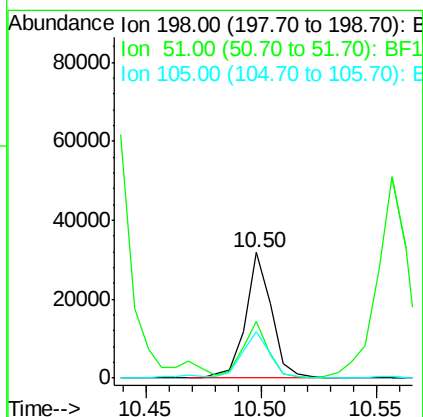
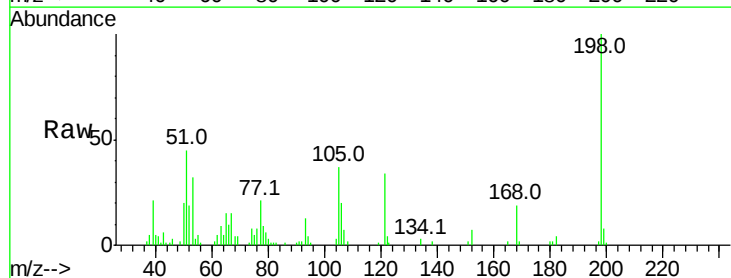
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 194512
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 8.3 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.382 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:198 Resp: 24883
 Ion Ratio Lower Upper
 198 100
 51 45.3 37.7 77.7
 105 37.0 36.3 76.3

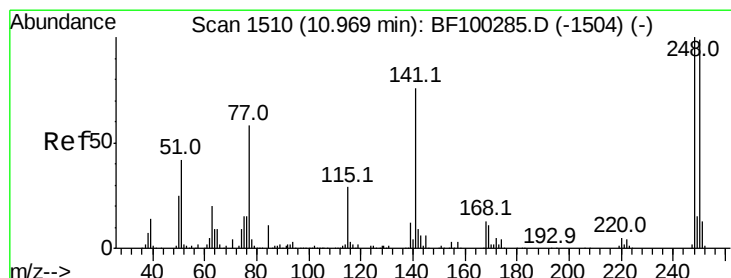
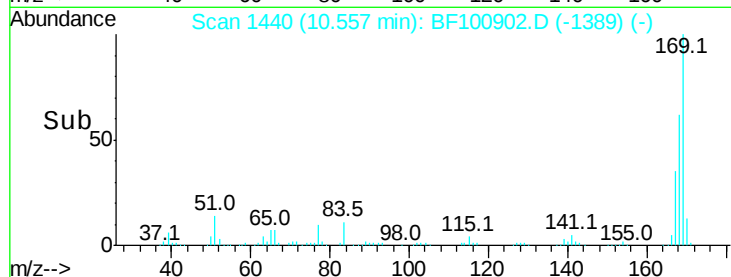
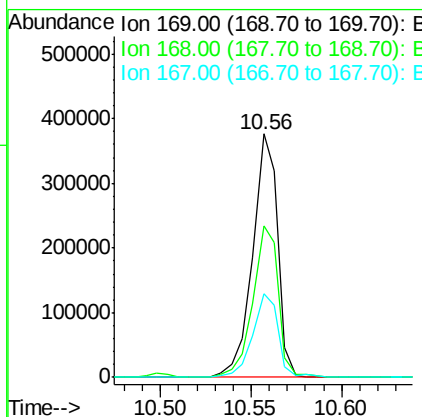
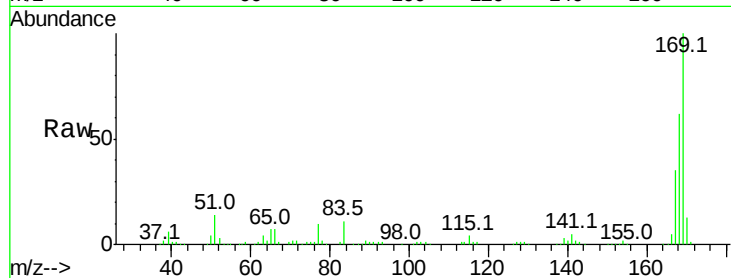




#65
 n-Nitrosodiphenylamine
 Concen: 53.114 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

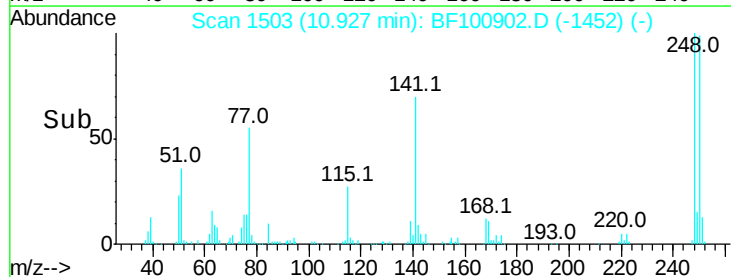
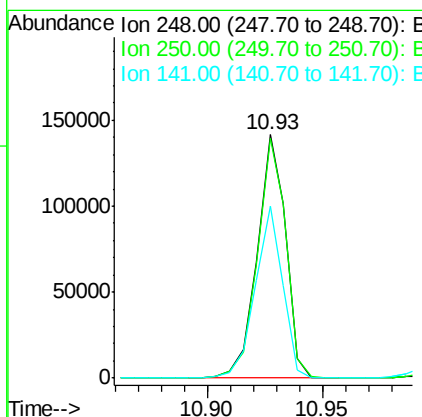
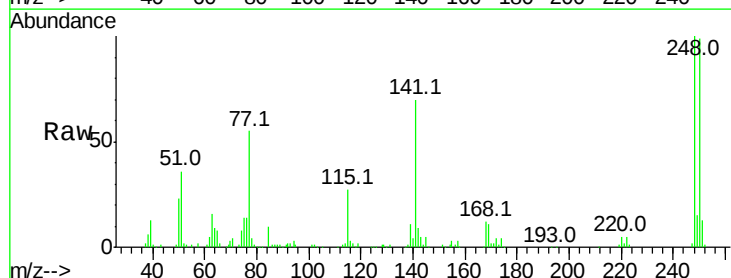
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 359232
 Ion Ratio Lower Upper
 169 100
 168 62.5 54.4 81.6
 167 34.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 57.980 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:248 Resp: 120896
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 70.4 74.4 111.6#





#67

Hexachlorobenzene

Concen: 55.792 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

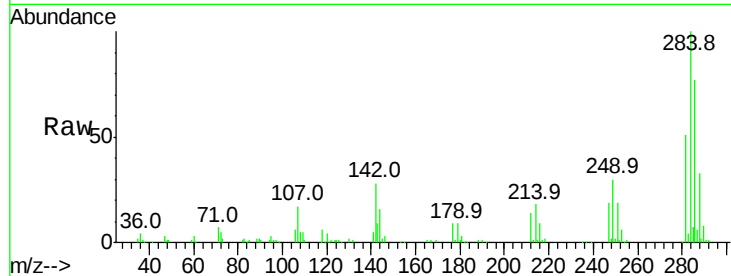
Tot Ion:284 Resp: 121672

Ion Ratio Lower Upper

284 100

142 27.7 34.6 52.0#

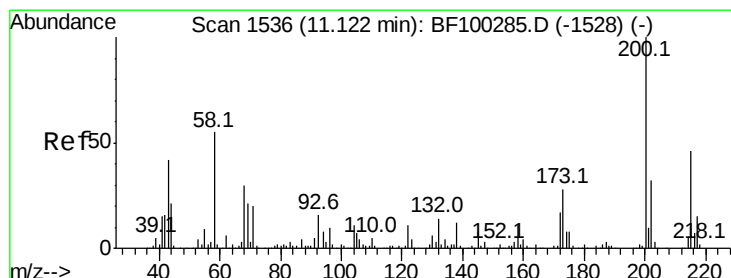
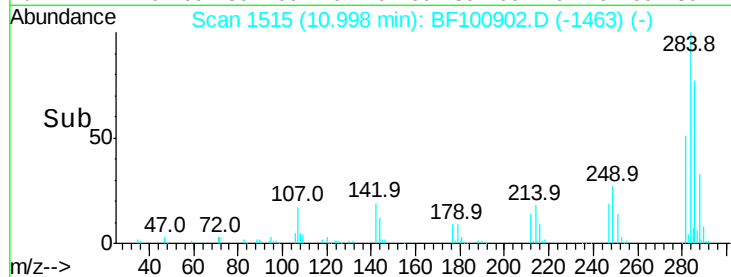
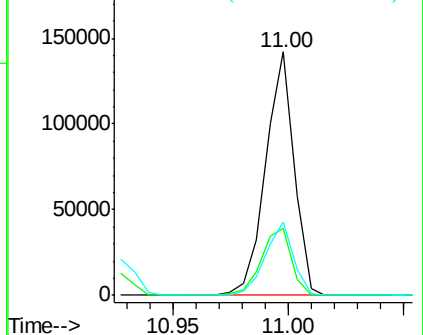
249 30.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.156 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

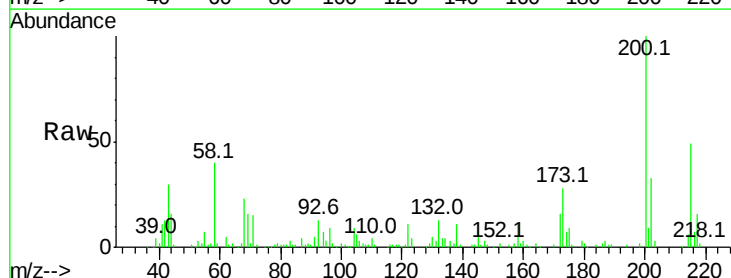
Tgt Ion:200 Resp: 106778

Ion Ratio Lower Upper

200 100

173 27.9 8.6 48.6

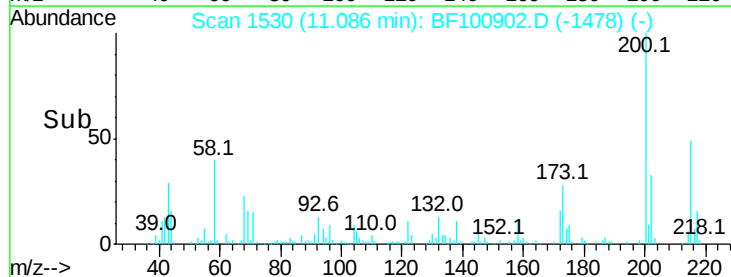
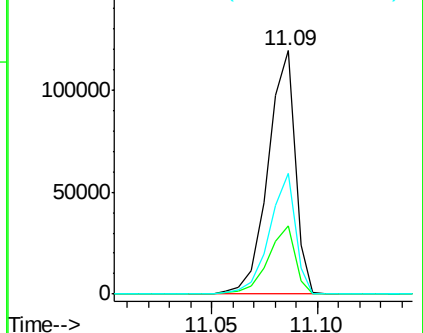
215 49.3 25.1 65.1

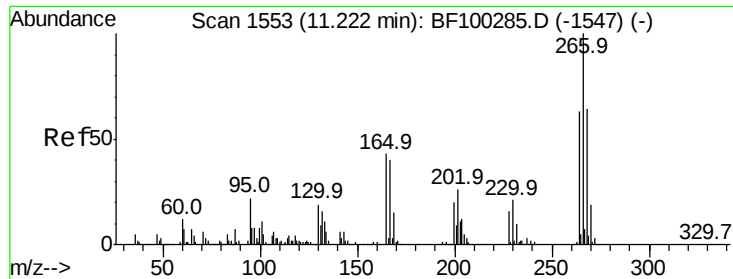


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

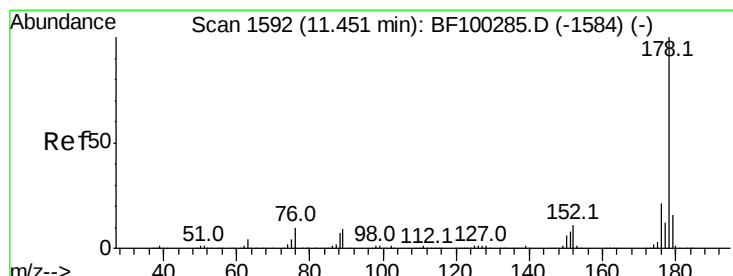
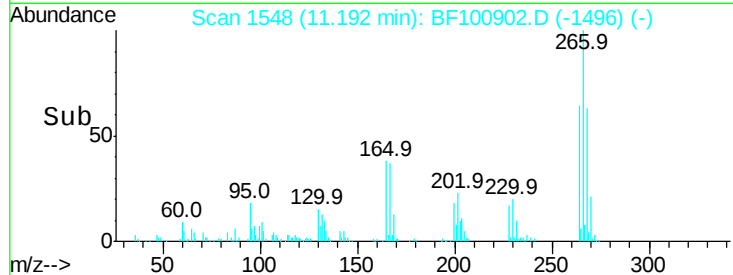
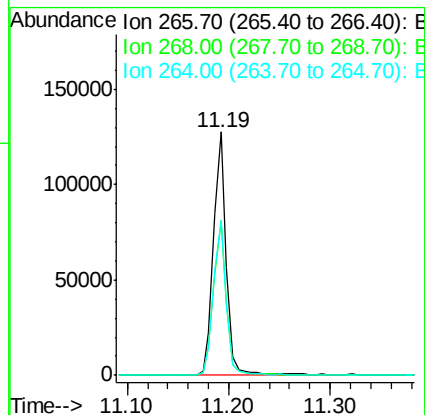
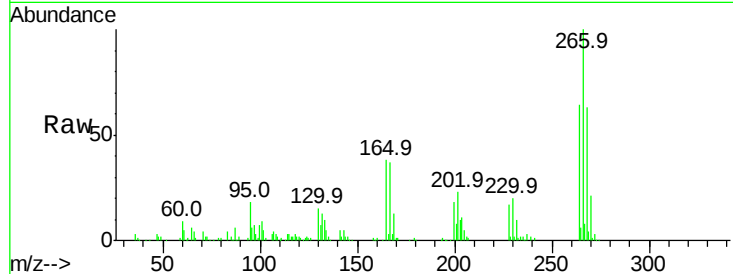




#69
 Pentachlorophenol
 Concen: 72.448 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

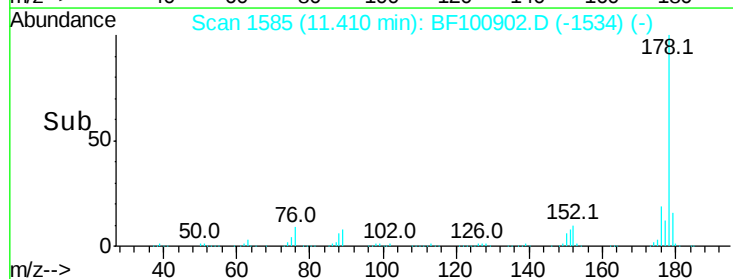
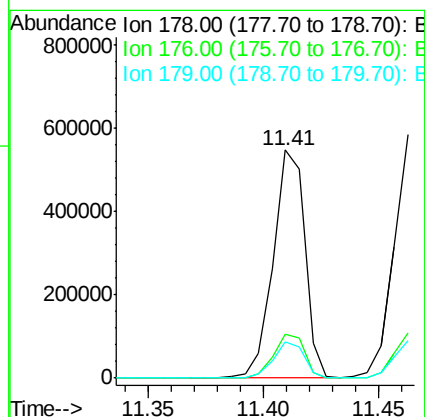
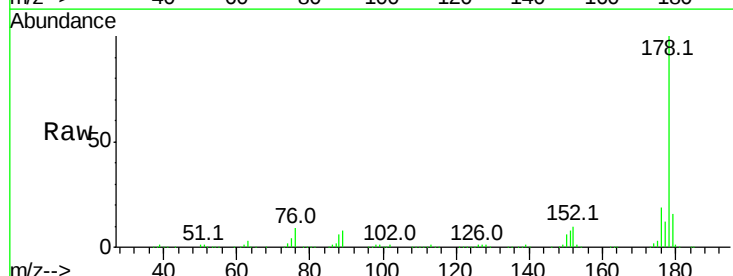
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 113292
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 50.911 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:178 Resp: 521394
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 16.0 13.0 19.6

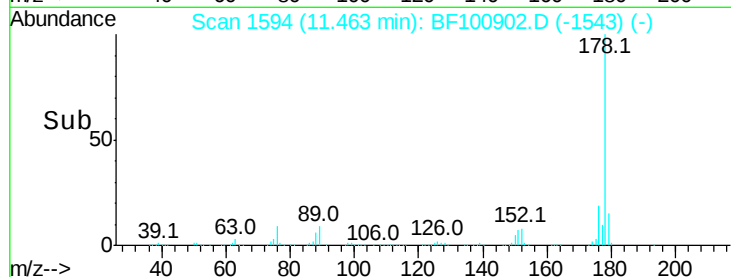
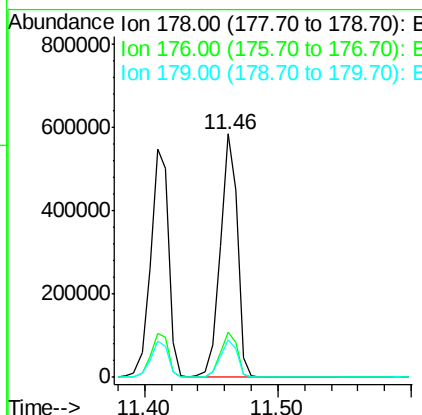
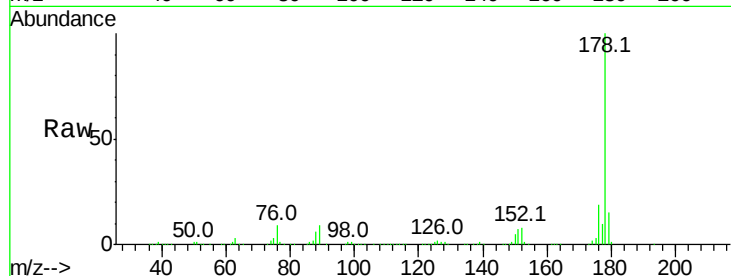




#71
 Anthracene
 Concen: 51.008 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

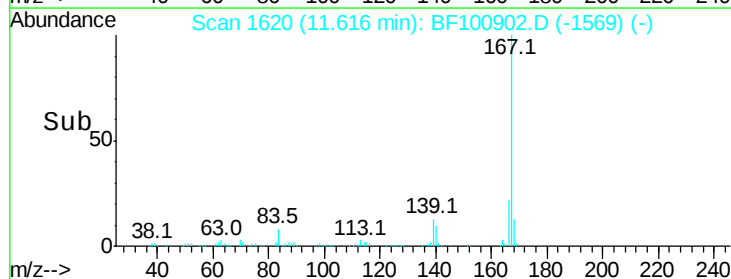
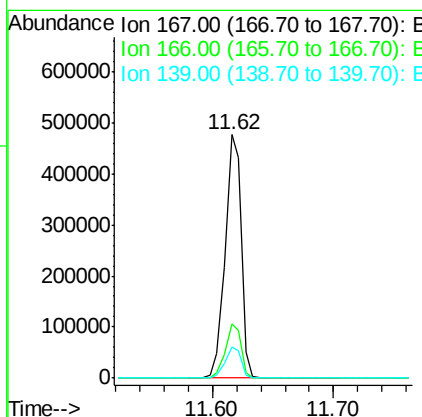
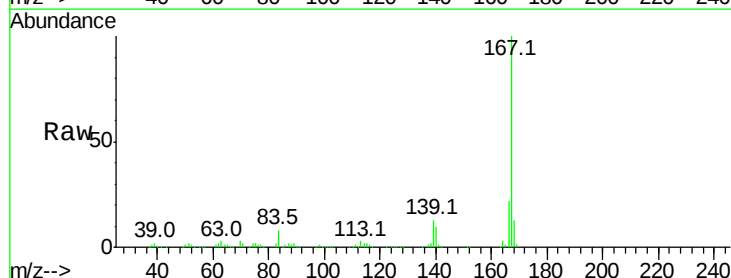
Instrument :
 BNA_F
 ClientSampleId :

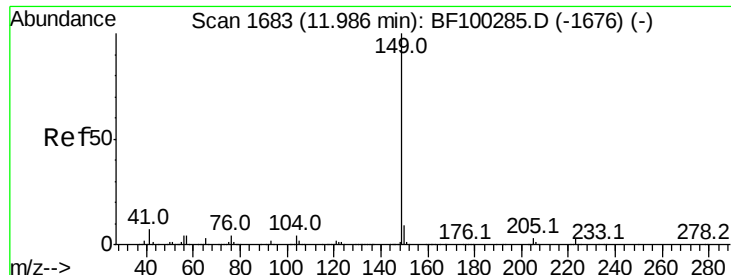
Tot Ion:178 Resp: 529992
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 45.835 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

Tgt Ion:167 Resp: 439434
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.9 10.9 16.3

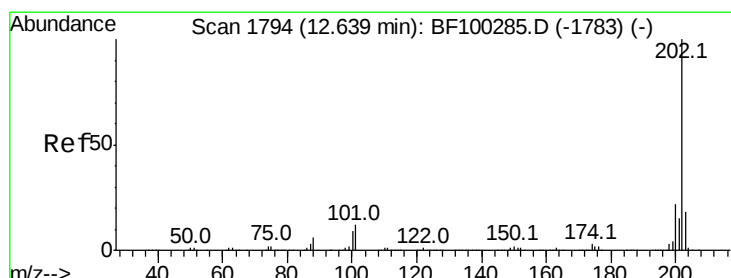
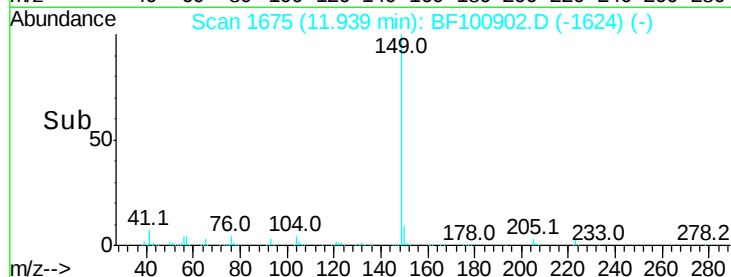
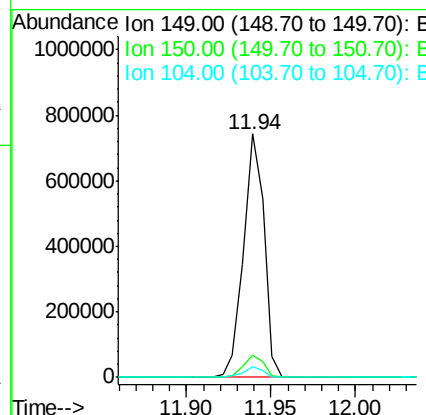
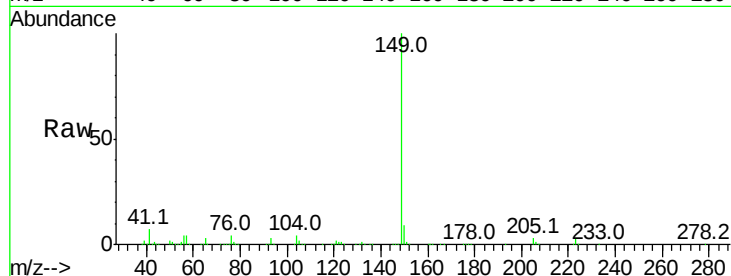




#73
Di-n-butylphthalate
Concen: 55.932 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

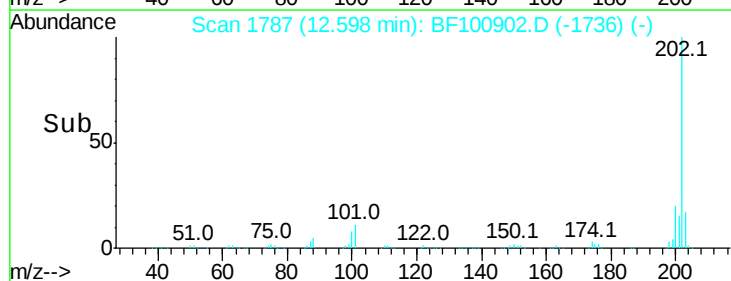
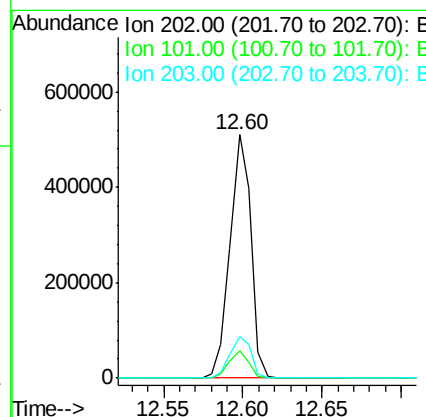
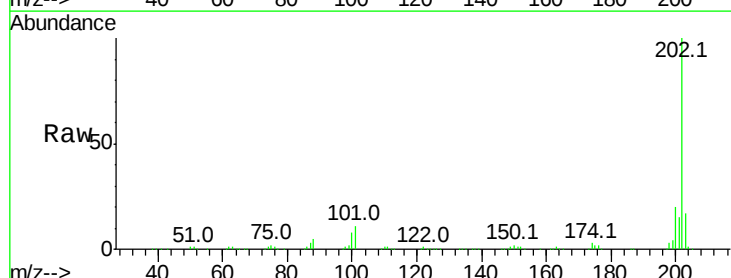
Instrument :
BNA_F
ClientSampleId :

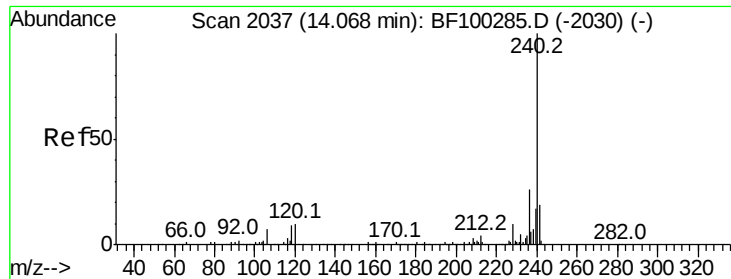
Tot Ion:149 Resp: 627521
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 43.001 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:202 Resp: 466732
Ion Ratio Lower Upper
202 100
101 11.4 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

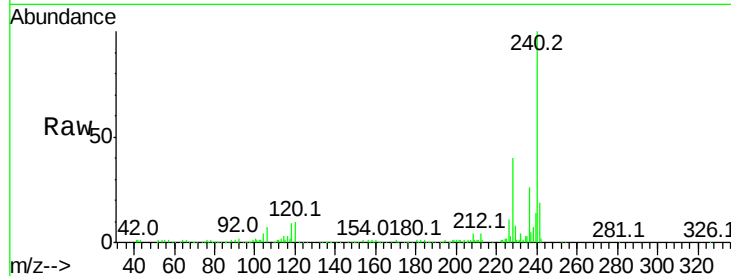
Tot Ion:240 Resp: 130080

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

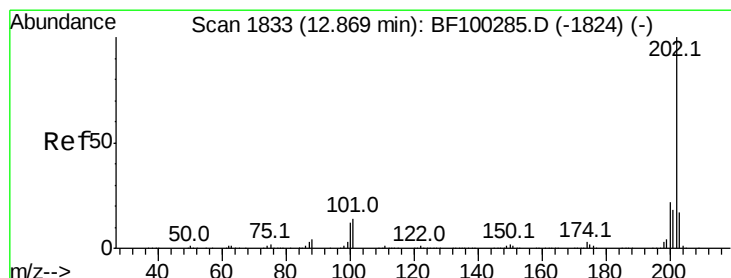
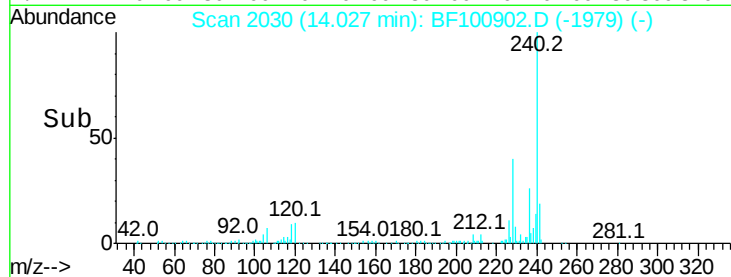
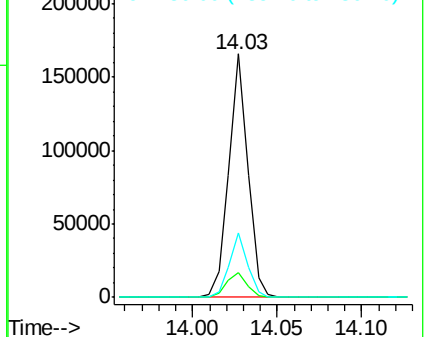
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 49.754 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

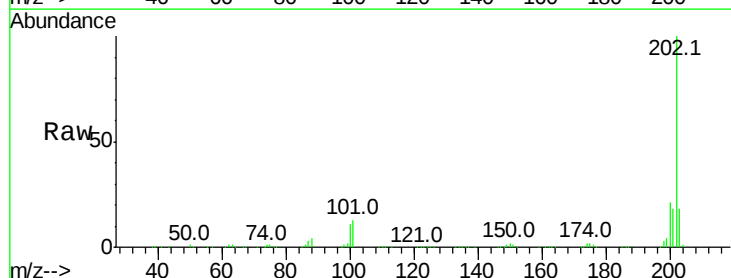
Tgt Ion:202 Resp: 461353

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

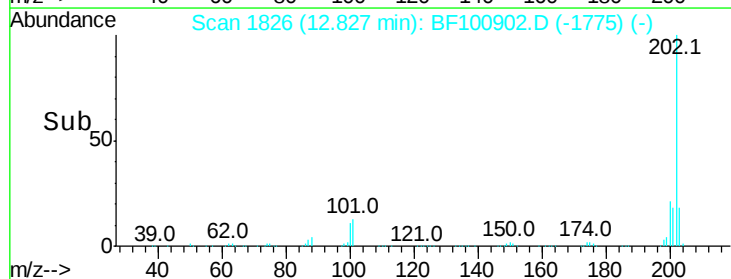
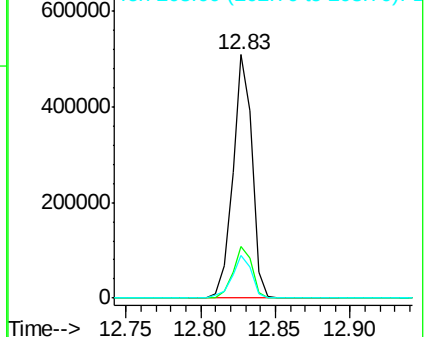
203 17.7 14.3 21.5

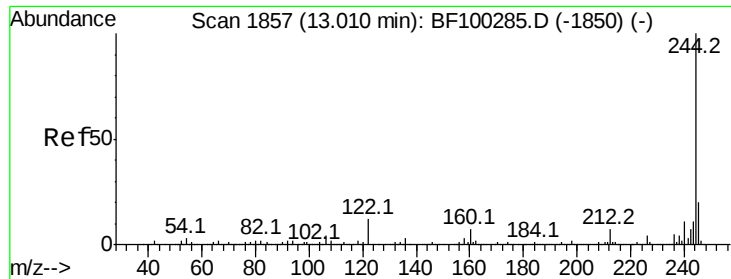


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



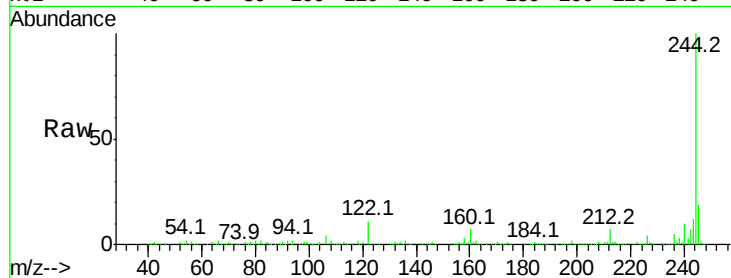


#78
 Terphenyl-d14
 Concen: 119.557 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

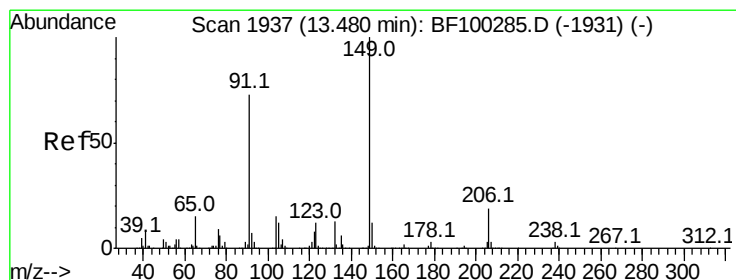
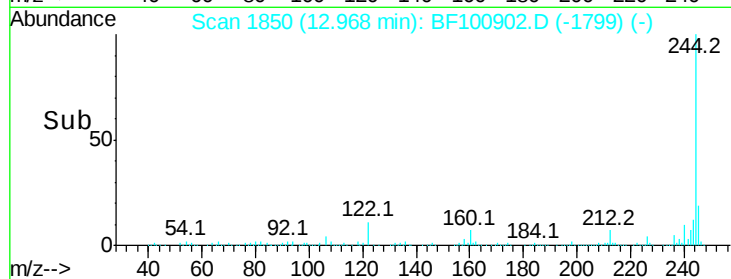
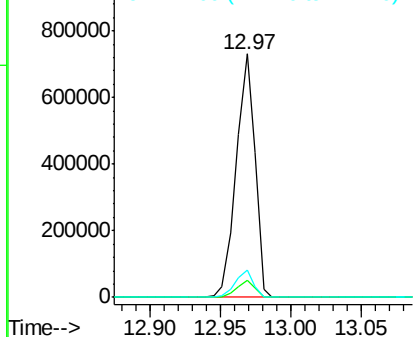
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 676850

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



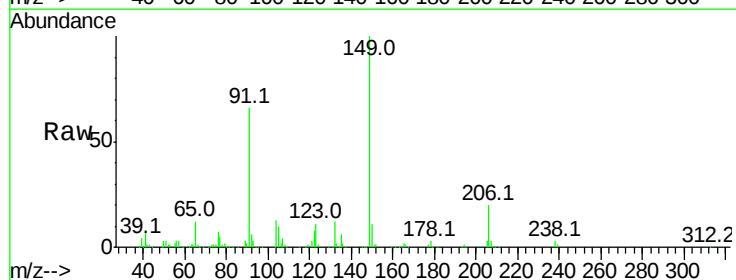
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



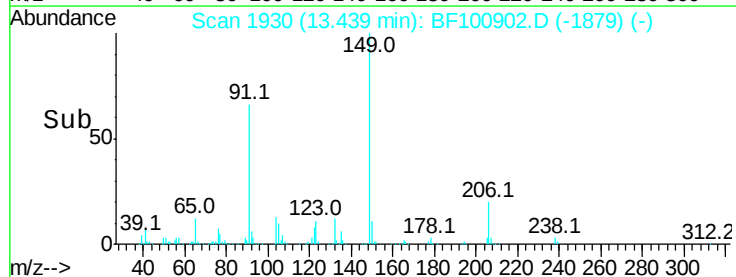
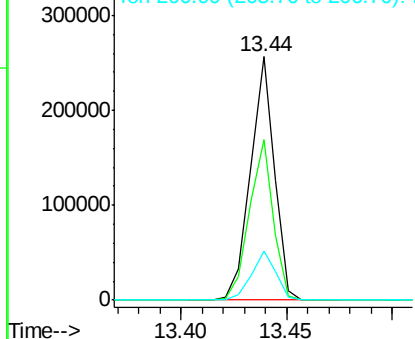
#79
 Butylbenzylphthalate
 Concen: 53.393 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF100902.D
 Acq: 27 Nov 2017 19:48

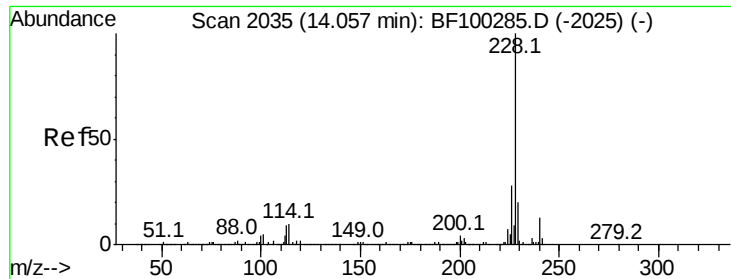
Tgt Ion:149 Resp: 201907

Ion	Ratio	Lower	Upper
149	100		
91	65.6	56.8	85.2
206	20.1	14.1	21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

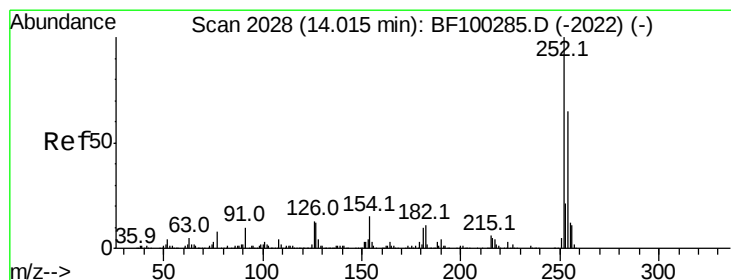
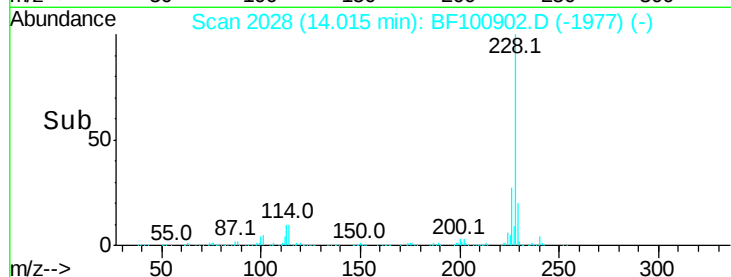
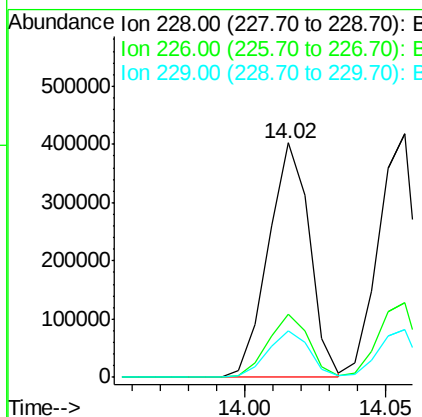
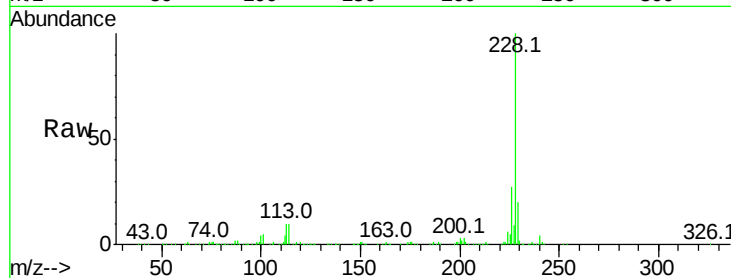




#80
Benzo(a)anthracene
Concen: 51.868 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

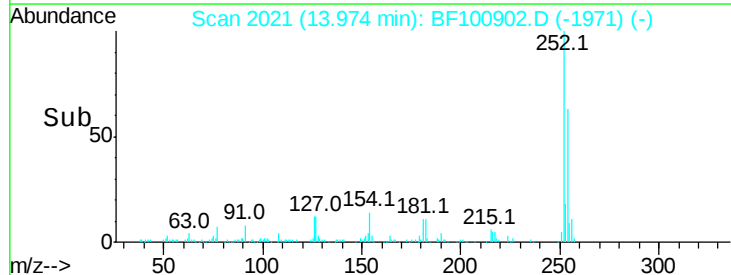
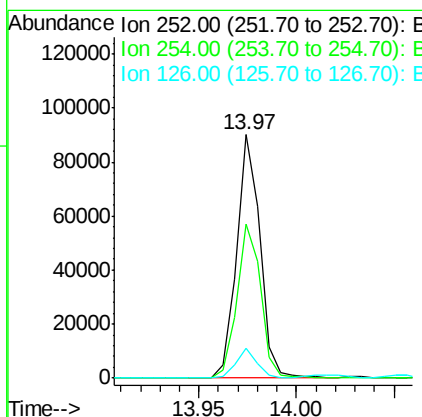
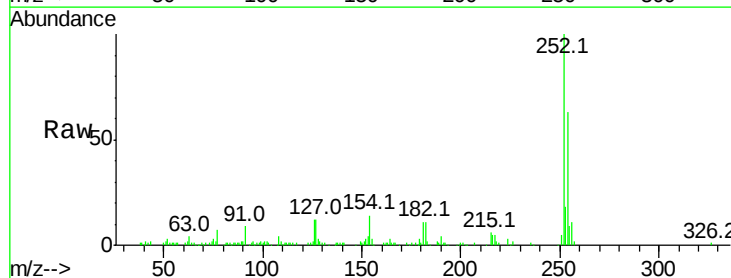
Instrument :
BNA_F
ClientSampleId :

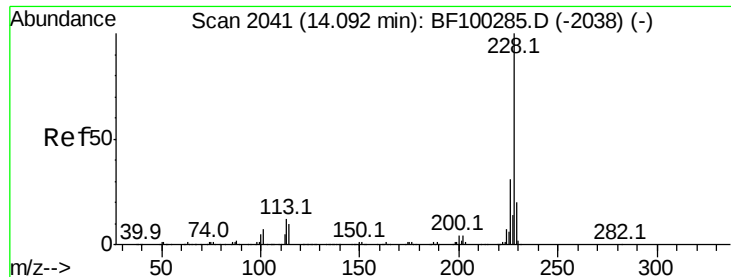
Tot Ion:228 Resp: 406301
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.8 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 26.568 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:252 Resp: 74566
Ion Ratio Lower Upper
252 100
254 63.4 50.4 75.6
126 12.3 11.3 16.9





#82

Chrysene

Concen: 51.197 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

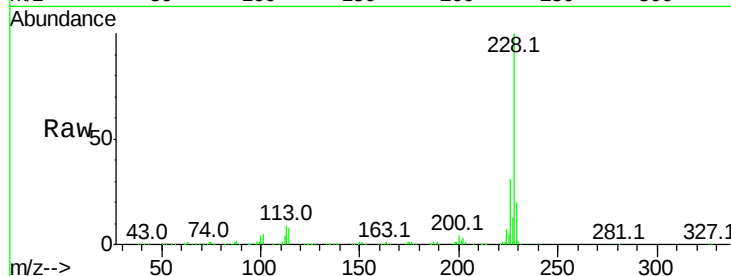
Tot Ion:228 Resp: 388359

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

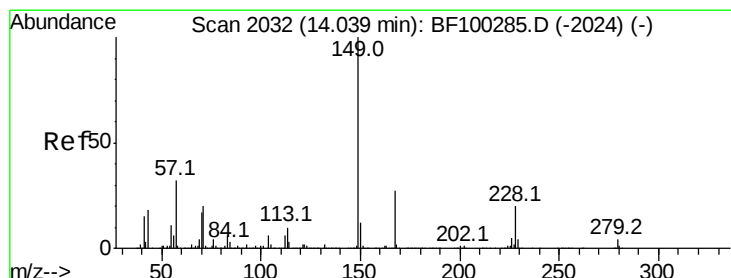
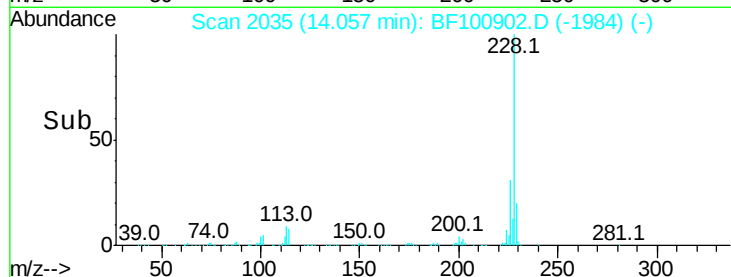
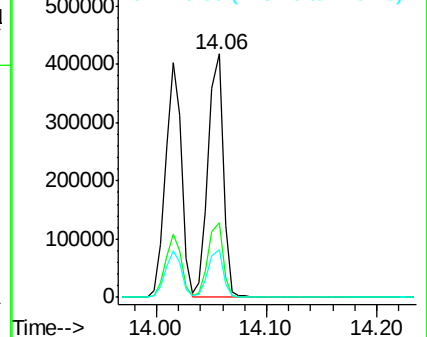
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 56.706 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

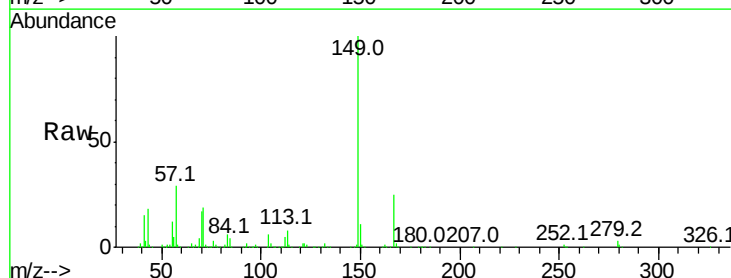
Tgt Ion:149 Resp: 282034

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

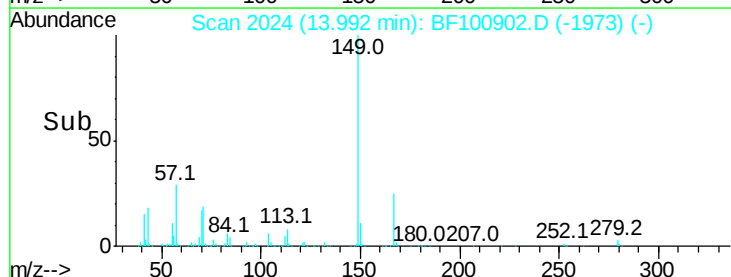
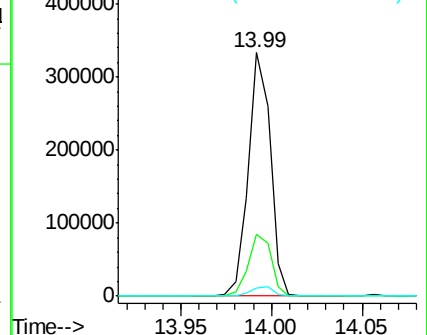
279 3.4 3.0 4.4

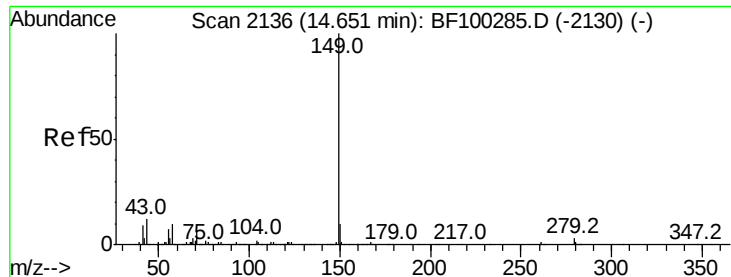


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.010 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

Instrument :

BNA_F

ClientSampleId :

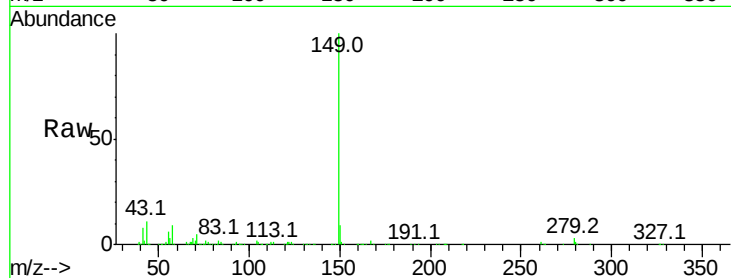
Tot Ion:149 Resp: 461475

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 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): BF1

600000

500000

400000

300000

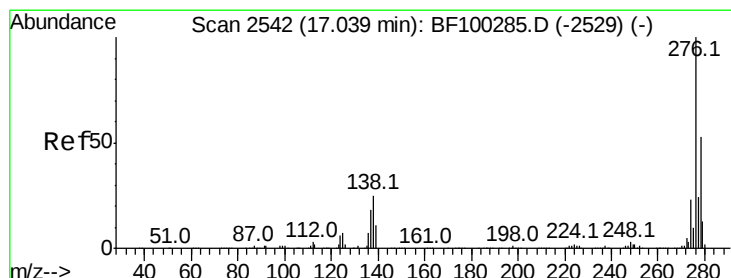
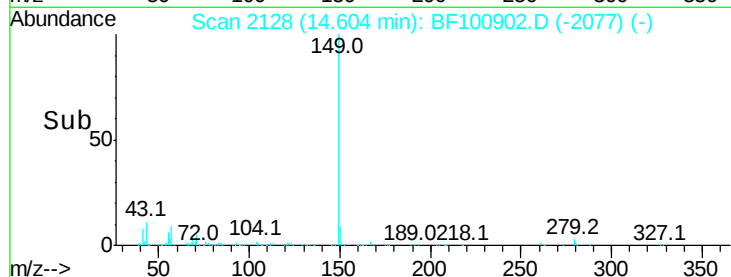
200000

100000

0

14.55 14.60 14.65

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 49.778 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF100902.D

Acq: 27 Nov 2017 19:48

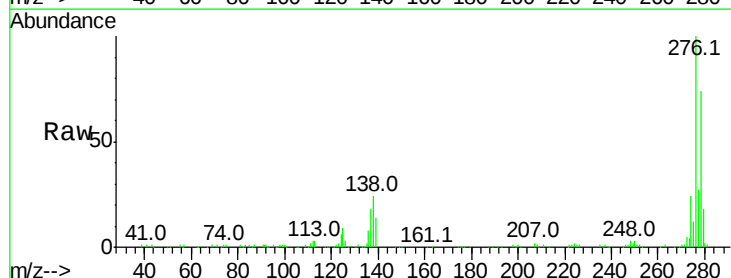
Tgt Ion:276 Resp: 305417

Ion Ratio Lower Upper

276 100

138 25.3 25.0 37.6

277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

150000

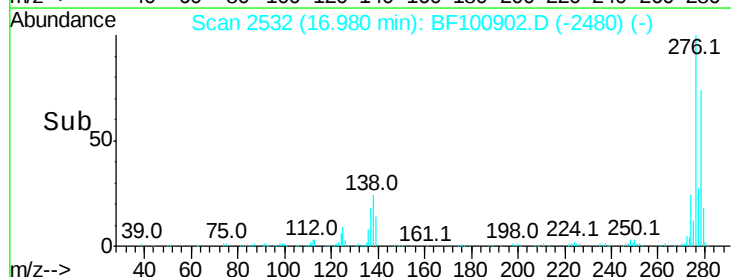
100000

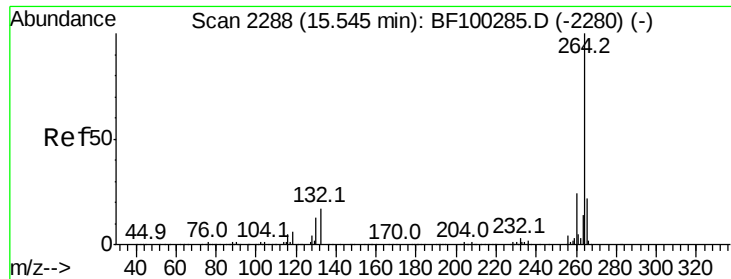
50000

0

16.90 17.00 17.10

Time-->

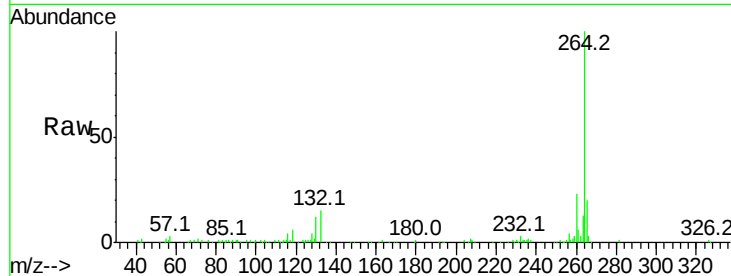




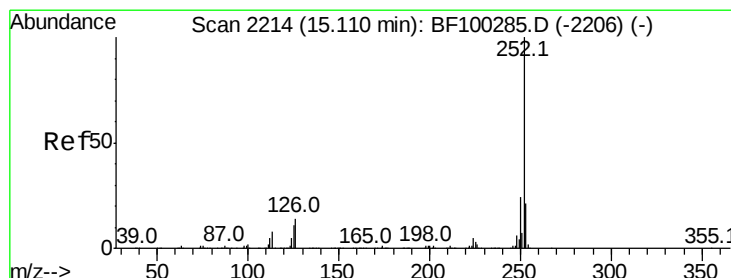
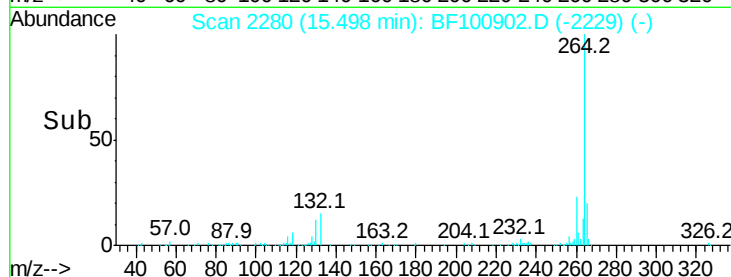
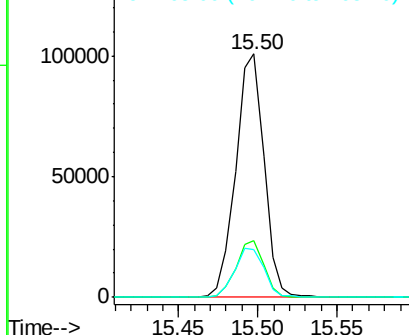
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	19.8	17.5	26.3

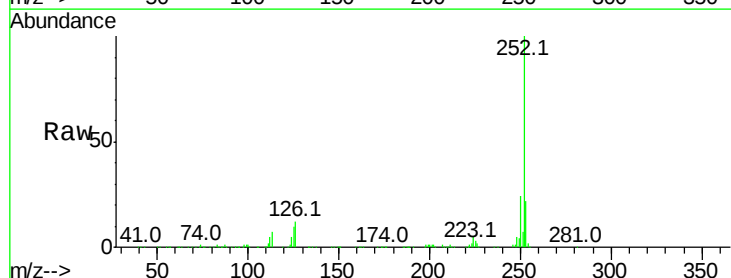


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

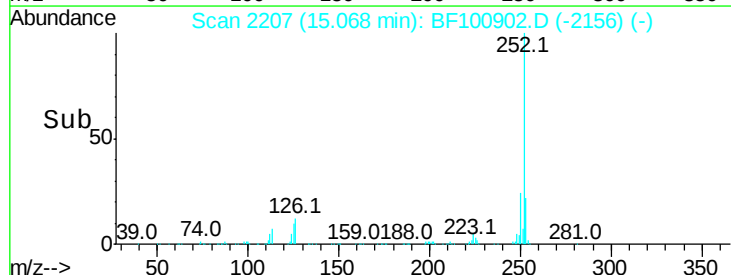
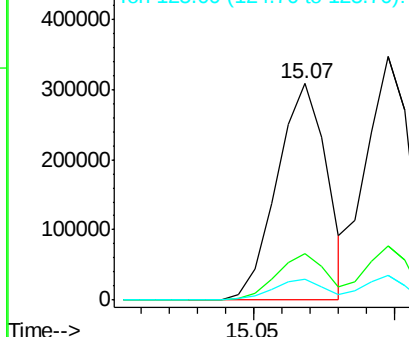


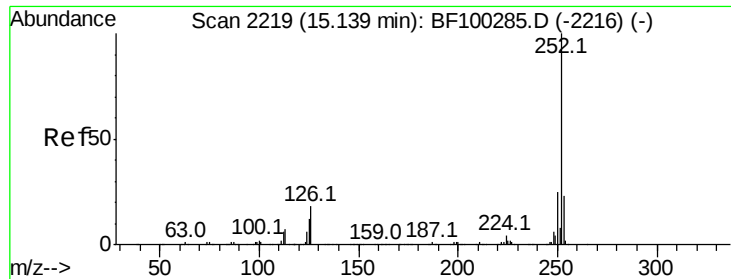
#87
Benzo(b)fluoranthene
Concen: 51.291 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.9	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

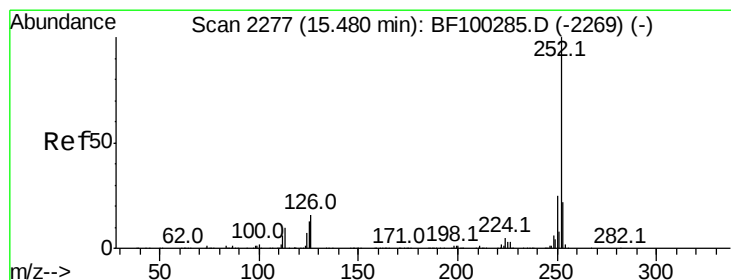
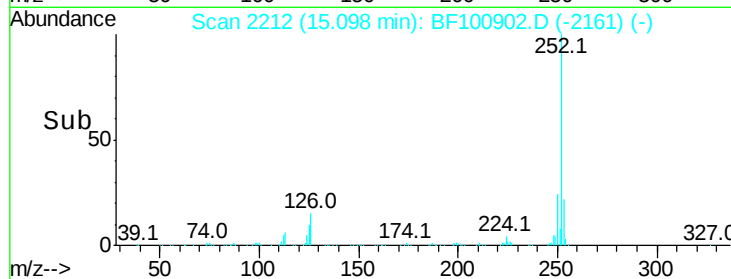
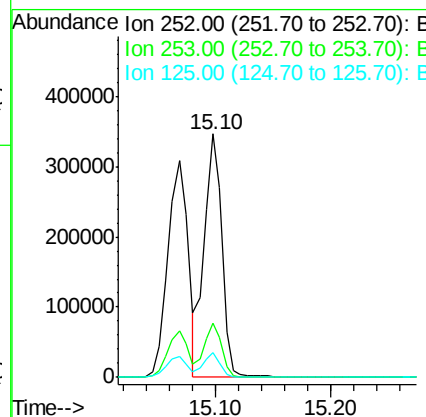
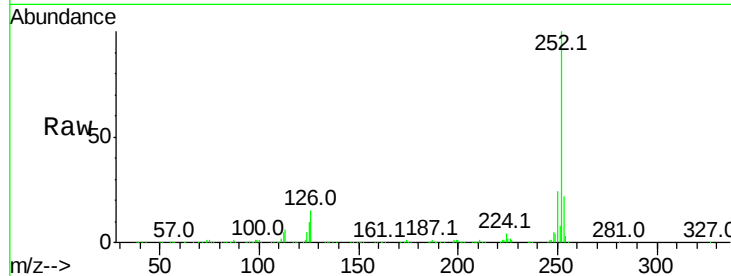




#88
Benzo(k)fluoranthene
Concen: 53.641 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

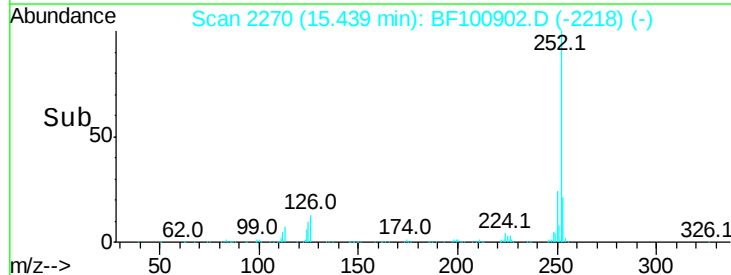
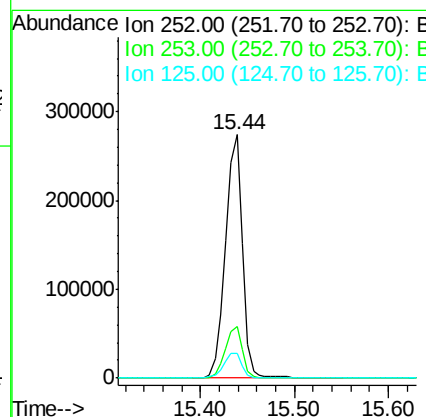
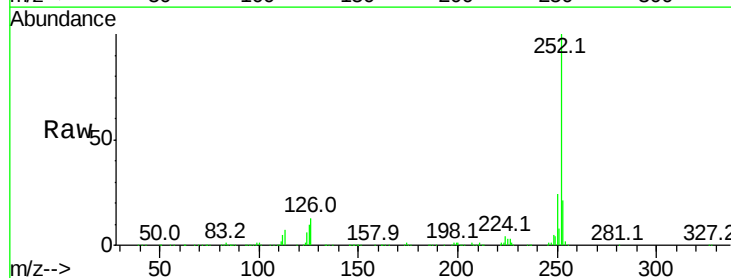
Instrument :
BNA_F
ClientSampleId :

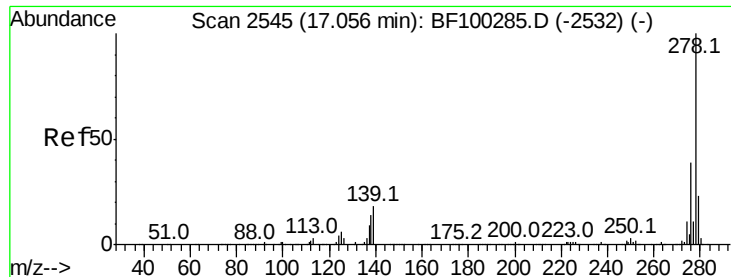
Tot Ion:252 Resp: 374485
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 53.025 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion:252 Resp: 347331
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 10.0 9.8 14.6

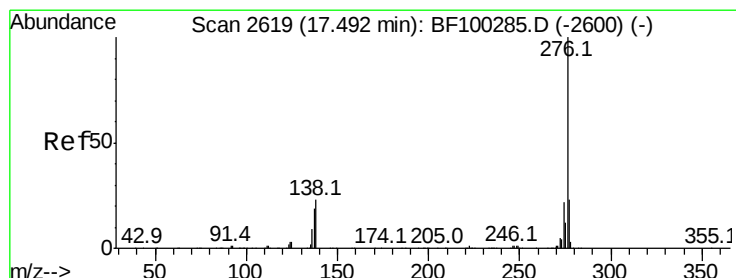
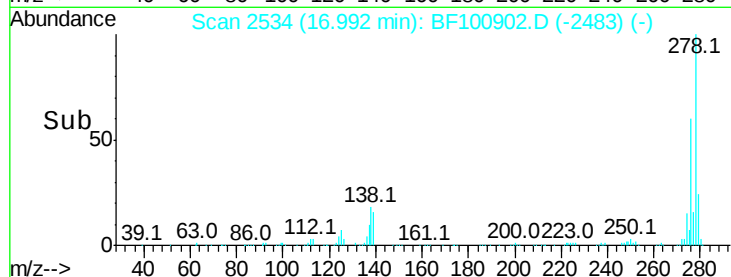
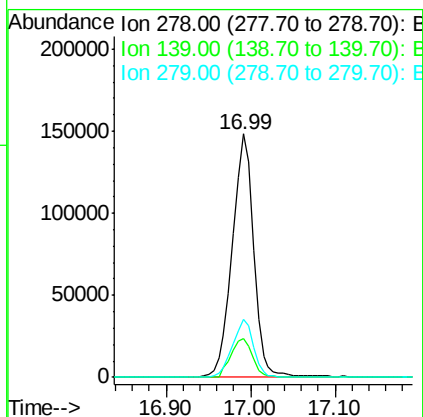
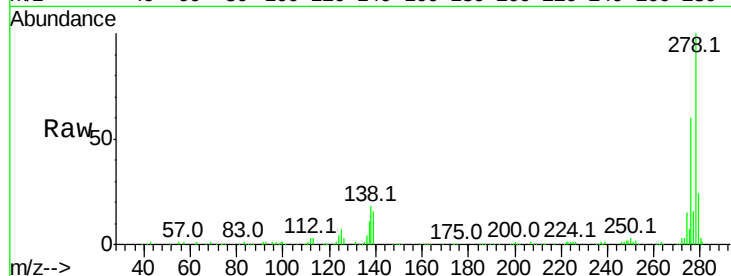




#90
Dibenzo(a,h)anthracene
Concen: 48.532 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.9	23.9#
279	23.6	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 45.401 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BF100902.D
Acq: 27 Nov 2017 19:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	21.5	21.8	32.8#

