

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100770.D
 Acq On : 21 Nov 2017 10:08
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 11:52:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	88640	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	345540	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	148158	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	232692	20.00	ng	0.00
75) Chrysene-d12	14.04	240	191128	20.00	ng	0.00
86) Perylene-d12	15.50	264	150819	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	448378	81.09	ng	0.00
7) Phenol-d6	6.50	99	534654	78.41	ng	0.00
23) Nitrobenzene-d5	7.44	82	474361	90.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	117913	78.10	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	900195	92.52	ng	0.00
78) Terphenyl-d14	12.98	244	659196	79.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	101622	37.711	ng	98
3) Pyridine	3.42	79	265107	36.059	ng	92
4) n-Nitrosodimethylamine	3.38	42	122980	34.453	ng	98
6) Aniline	6.54	93	354817	36.832	ng	99
8) 2-Chlorophenol	6.66	128	240570	41.124	ng	98
9) Benzaldehyde	6.43	77	169179	34.742	ng	93
10) Phenol	6.52	94	278684	38.932	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	227336	37.810	ng	97
12) 1,3-Dichlorobenzene	6.82	146	281163	41.688	ng	97
13) 1,4-Dichlorobenzene	6.89	146	284925	41.740	ng	97
14) 1,2-Dichlorobenzene	7.05	146	262522	41.595	ng	97
15) Benzyl Alcohol	7.02	79	204844	38.492	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	336358	34.977	ng	99
17) 2-Methylphenol	7.12	107	199355	39.878	ng	97
18) Hexachloroethane	7.39	117	78714	34.973	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	175397	37.091	ng	97
20) 3+4-Methylphenols	7.27	107	244587	38.664	ng	92
22) Acetophenone	7.29	105	332880	39.507	ng	# 98
24) Nitrobenzene	7.46	77	241470	44.888	ng	99
25) Isophorone	7.70	82	411586	37.475	ng	98
26) 2-Nitrophenol	7.77	139	110290	44.207	ng	# 87
27) 2,4-Dimethylphenol	7.80	122	190414	38.675	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	281630	39.202	ng	98
29) 2,4-Dichlorophenol	8.01	162	199911	42.533	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	219417	43.157	ng	95
31) Naphthalene	8.18	128	680918	40.913	ng	100
32) Benzoic acid	7.92	122	82002	26.875	ng	96
33) 4-Chloroaniline	8.23	127	283898	40.980	ng	97
34) Hexachlorobutadiene	8.29	225	130805	43.271	ng	99
35) Caprolactam	8.61	113	58187	36.074	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	196909	39.007	ng	98
37) 2-Methylnaphthalene	8.87	142	443569	40.144	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237404	48.315	ng	# 96
40) Hexachlorocyclopentadiene	9.02	237	20403	8.823	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

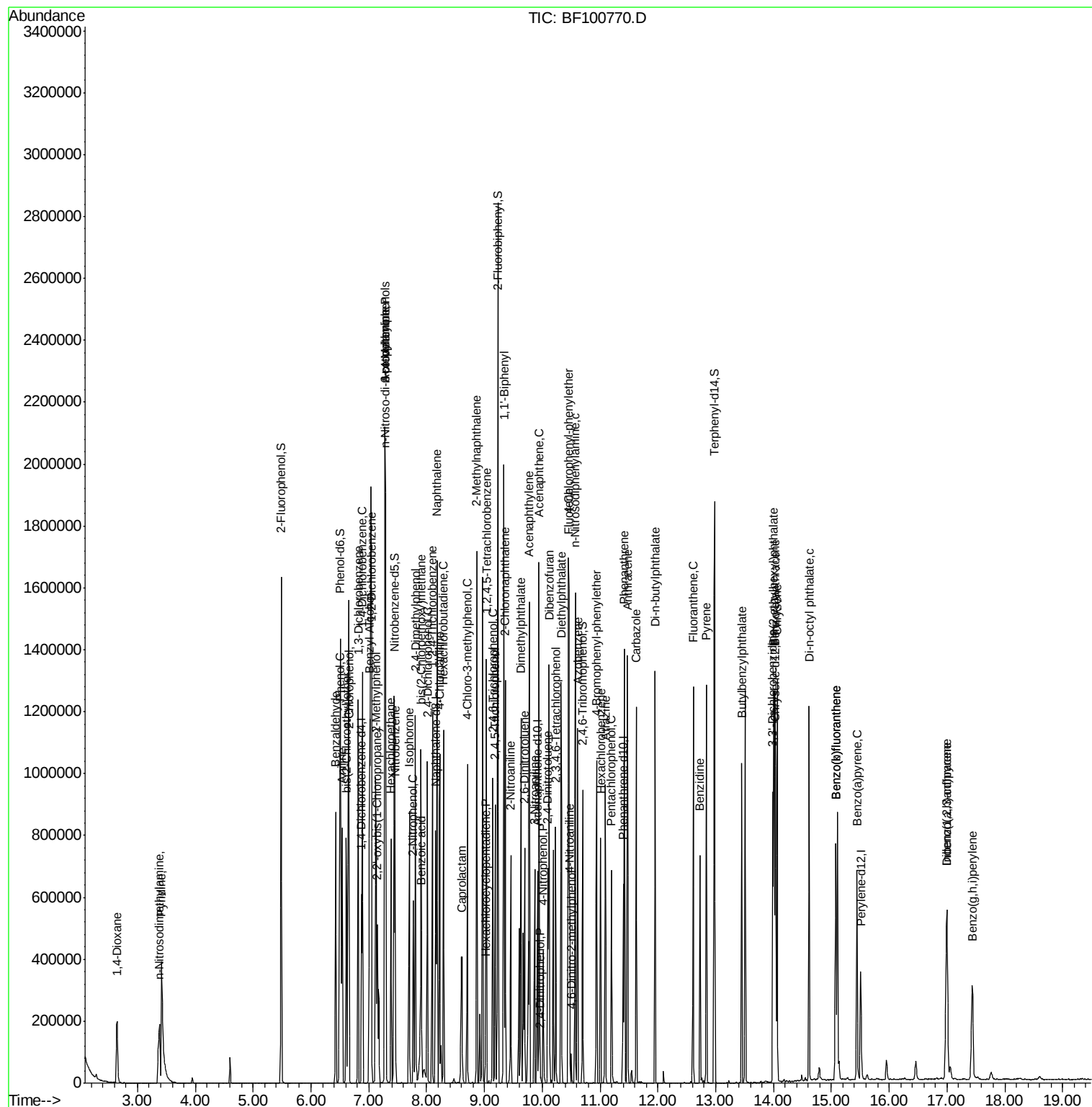
42) 2,4,6-Trichlorophenol	9.15	196	138777	44.563	nq	100
43) 2,4,5-Trichlorophenol	9.19	196	143906	44.601	nq #	91
45) 1,1'-Biphenyl	9.33	154	585883	45.722	nq	97
46) 2-Chloronaphthalene	9.36	162	416052	44.755	nq	95
47) 2-Nitroaniline	9.46	65	124436	45.458	nq	91
48) Acenaphthylene	9.77	152	641631	41.648	nq	99
49) Dimethylphthalate	9.63	163	502685	44.438	nq	99
50) 2,6-Dinitrotoluene	9.70	165	100051	44.682	nq #	85
51) Acenaphthene	9.95	154	372986	39.808	nq	98
52) 3-Nitroaniline	9.87	138	119802	45.309	nq	89
53) 2,4-Dinitrophenol	9.97	184	4773	14.291	nq #	17
54) Dibenzofuran	10.12	168	534866	40.730	nq	98
55) 4-Nitrophenol	10.02	139	69288	32.272	nq	92
56) 2,4-Dinitrotoluene	10.10	165	122802	43.473	nq #	87
57) Fluorene	10.46	166	405332	42.134	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	97551	36.890	nq #	84
59) Diethylphthalate	10.33	149	481633	42.546	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	212564	45.042	nq	91
61) 4-Nitroaniline	10.48	138	106859	42.621	nq	86
62) Azobenzene	10.61	77	383180	35.939	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	12006	16.964	nq	87
65) n-Nitrosodiphenylamine	10.57	169	404830	50.035	nq	94
66) 4-Bromophenyl-phenylether	10.94	248	124207	49.794	nq #	86
67) Hexachlorobenzene	11.01	284	118658	45.482	nq #	83
68) Atrazine	11.09	200	111469	45.513	nq	97
69) Pentachlorophenol	11.20	266	81219	43.416	nq	98
70) Phenanthrene	11.42	178	511967	41.788	nq	98
71) Anthracene	11.47	178	517127	41.604	nq	99
72) Carbazole	11.63	167	457026	39.849	nq	99
73) Di-n-butylphthalate	11.95	149	646819	48.192	nq	98
74) Fluoranthene	12.61	202	496055	38.204	nq	97
76) Benzidine	12.73	184	289643	37.841	nq	99
77) Pyrene	12.84	202	516988	37.946	nq	99
79) Butylbenzylphthalate	13.45	149	226866	40.831	nq	91
80) Benzo(a)anthracene	14.03	228	489571	42.536	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	186757	45.288	nq #	98
82) Chrysene	14.06	228	453804	40.716	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	329773	45.126	nq	99
84) Di-n-octyl phthalate	14.62	149	580504	46.240	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	317121	35.177	nq	94
87) Benzo(b)fluoranthene	15.07	252	408840	45.756	nq	99
88) Benzo(k)fluoranthene	15.07	252	408840	48.426	nq	98
89) Benzo(a)pyrene	15.44	252	339647	42.877	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	271993	41.986	nq #	96
91) Benzo(g,h,i)perylene	17.44	276	255644	40.313	nq #	92

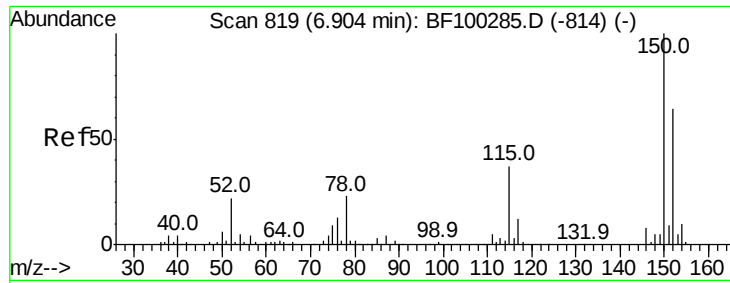
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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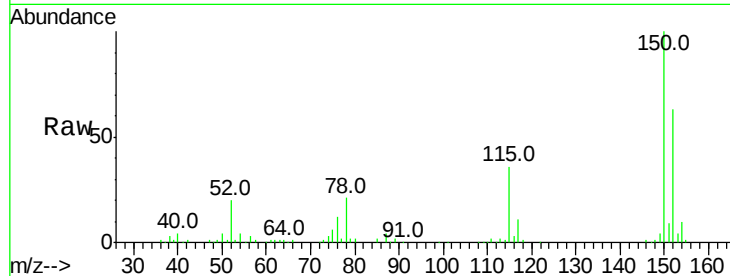


#1

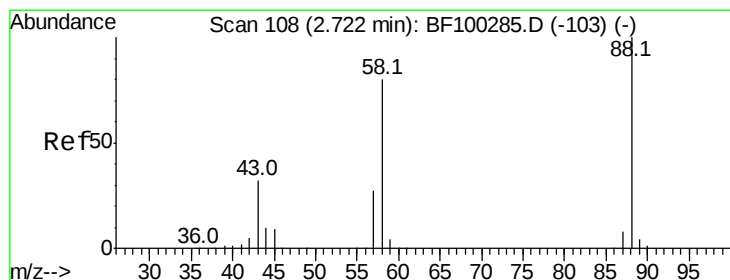
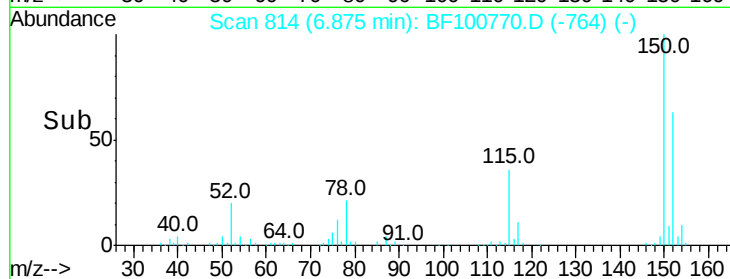
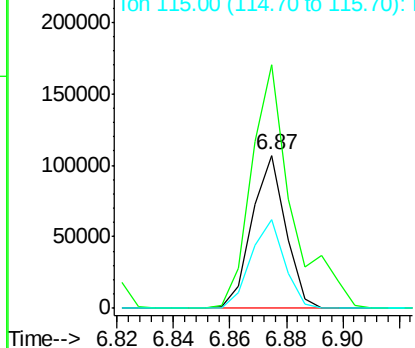
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 88640
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 57.7 50.1 75.1



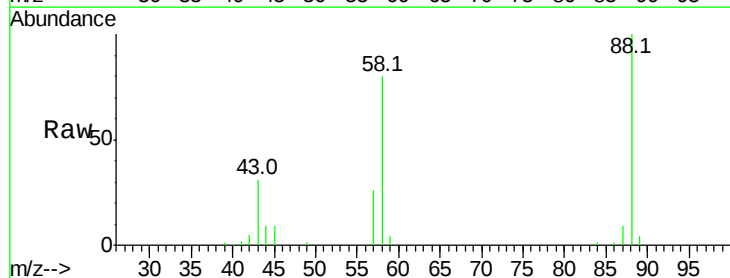
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



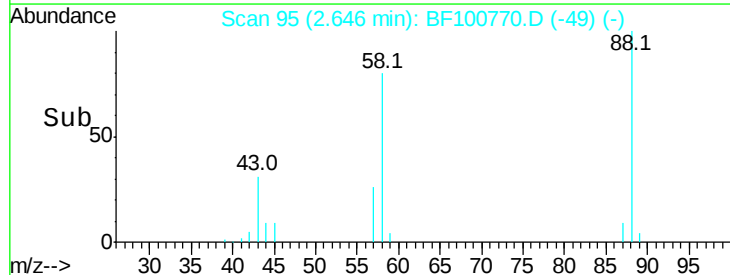
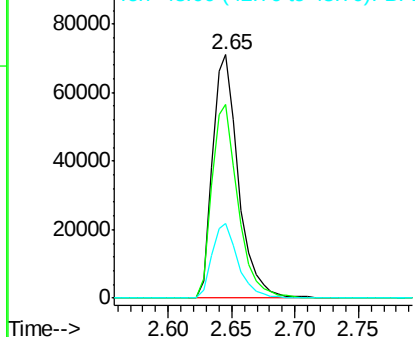
#2

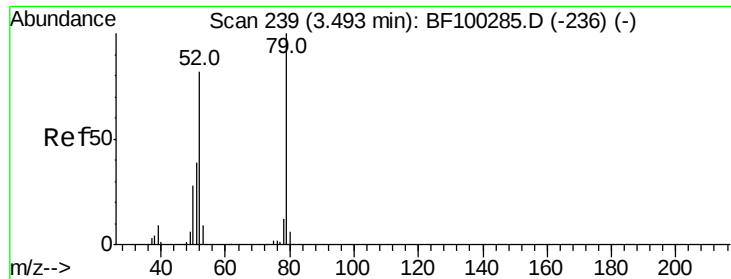
1,4-Dioxane
 Concen: 37.711 ng
 RT: 2.65 min Scan# 95
 Delta R.T. -0.03 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion: 88 Resp: 101622
 Ion Ratio Lower Upper
 88 100
 58 80.2 62.6 93.8
 43 30.7 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: 36.059 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.03 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

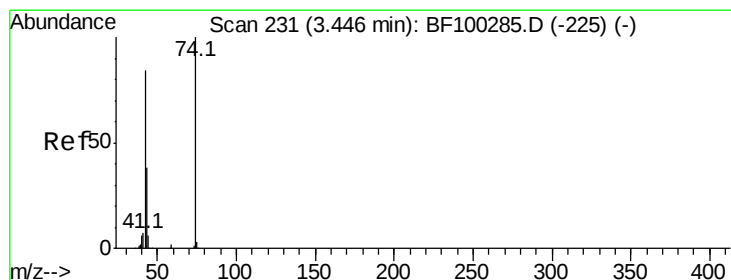
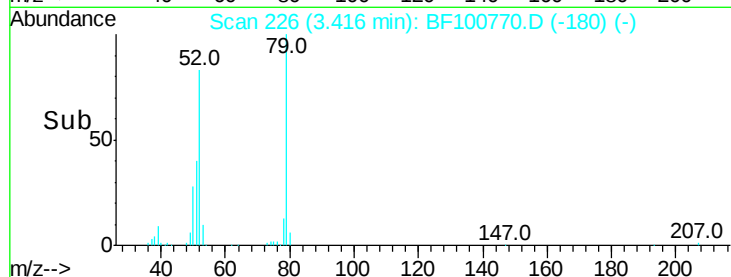
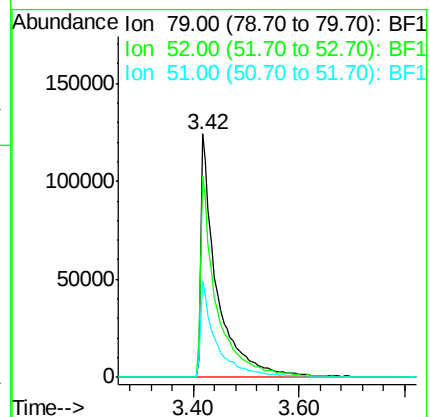
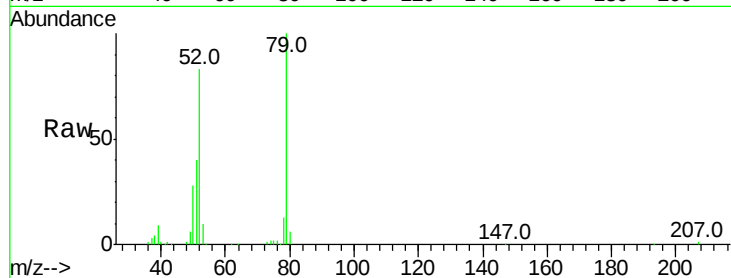
Tot Ion: 79 Resp: 265107

Ion Ratio Lower Upper

79 100

52 82.8 59.8 89.6

51 39.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.453 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.02 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

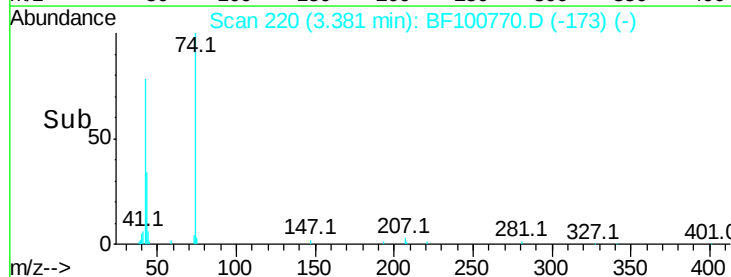
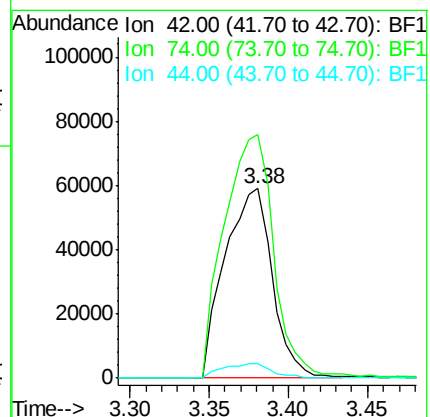
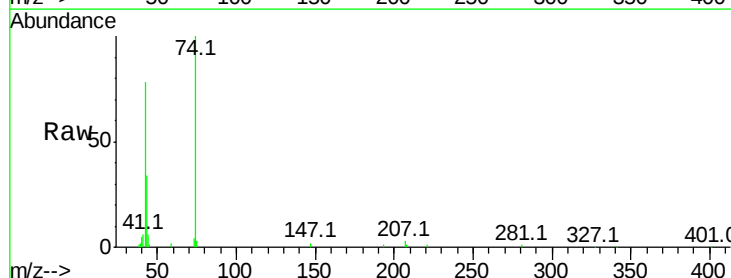
Tgt Ion: 42 Resp: 122980

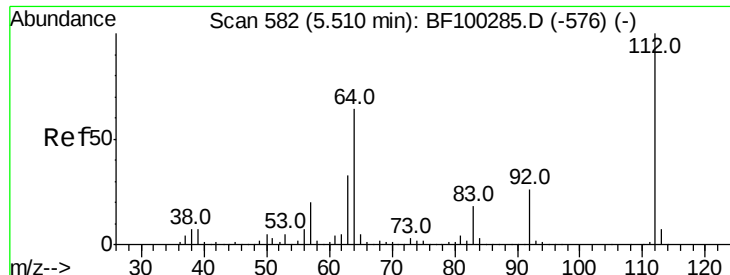
Ion Ratio Lower Upper

42 100

74 128.3 104.9 157.3

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 81.086 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :
BNA_F
ClientSampled :

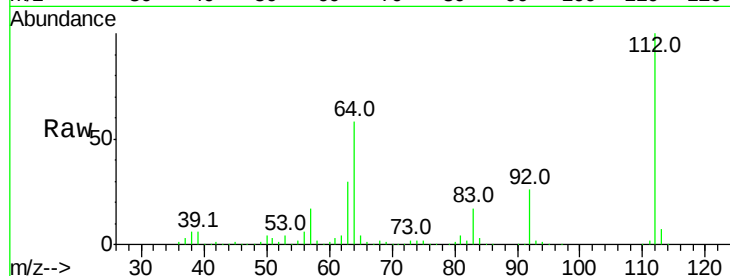
Tot Ion:112 Resp: 448378

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

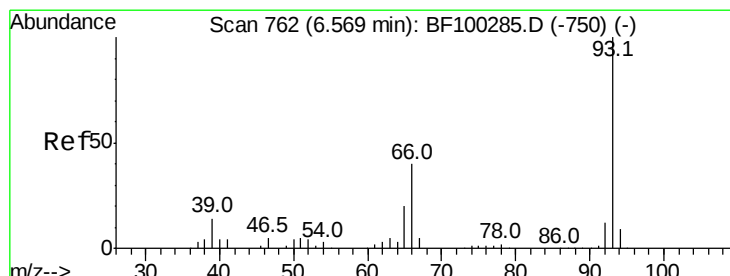
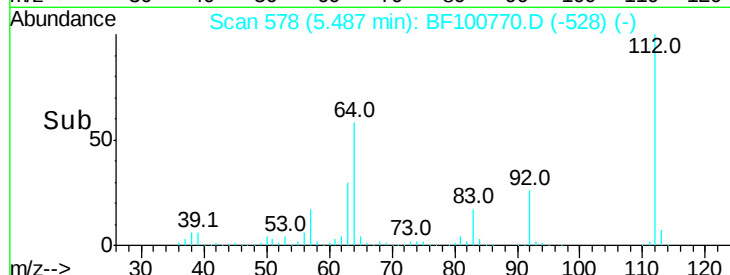
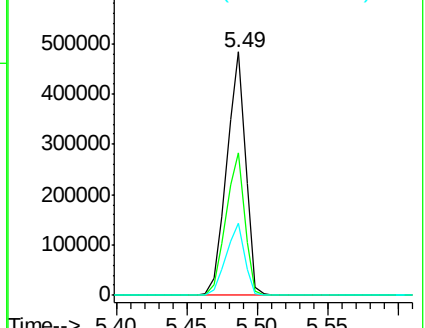
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.832 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

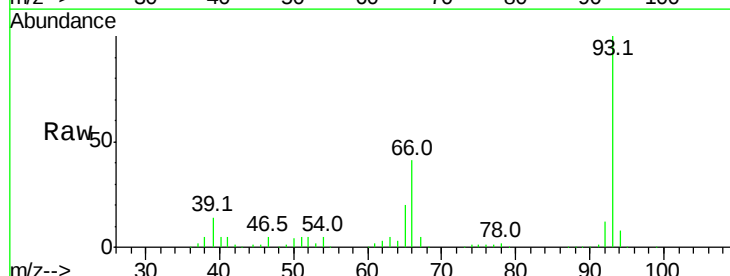
Tgt Ion: 93 Resp: 354817

Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

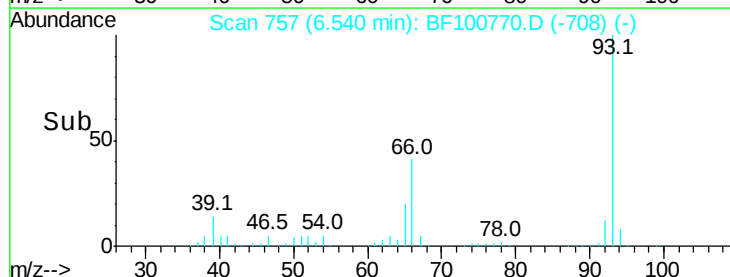
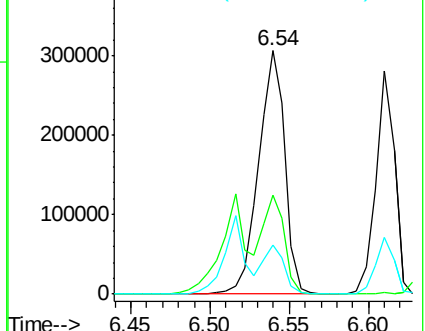
65 20.0 16.4 24.6



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





#7

Phenol-d6

Concen: 78.409 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

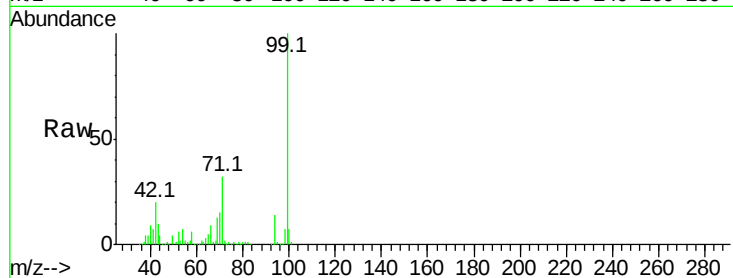
Tot Ion: 99 Resp: 534654

Ion Ratio Lower Upper

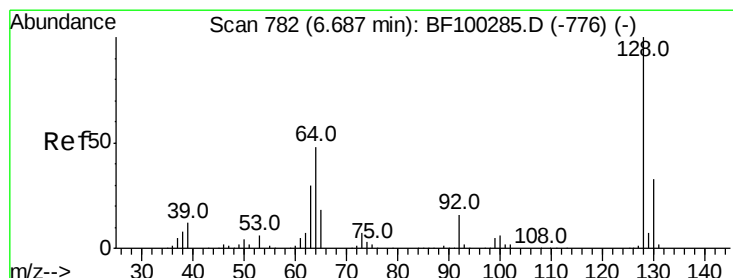
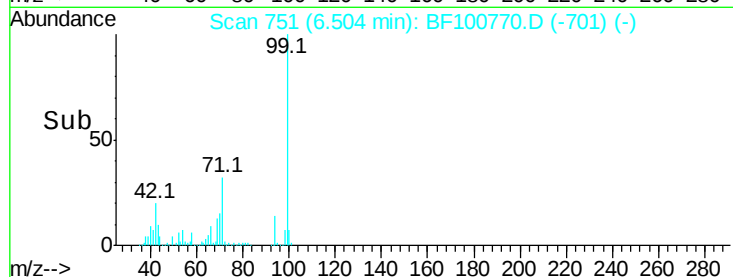
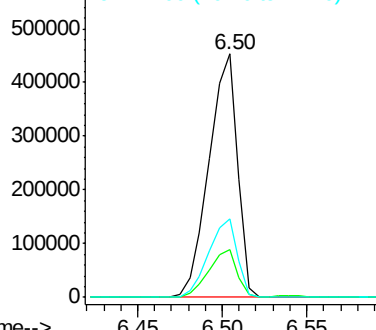
99 100

42 19.8 14.5 21.7

71 32.2 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: 41.124 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

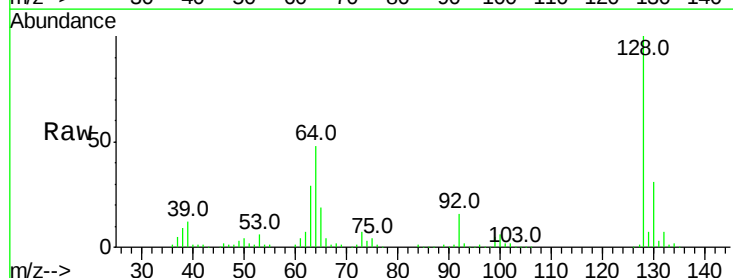
Tgt Ion: 128 Resp: 240570

Ion Ratio Lower Upper

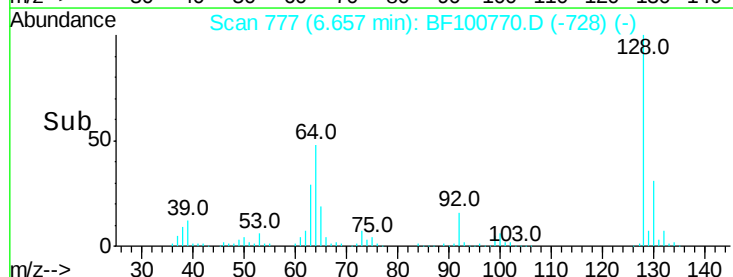
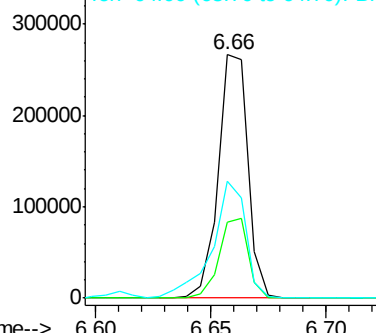
128 100

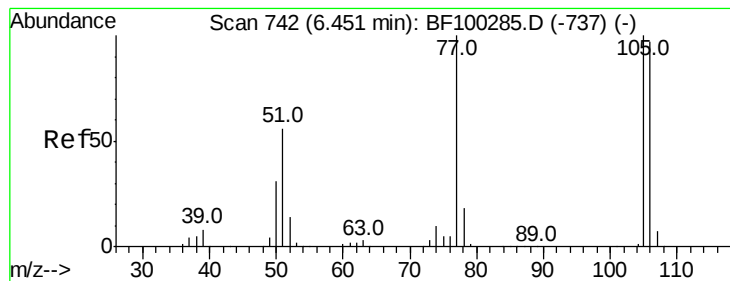
130 31.0 13.0 53.0

64 48.3 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: 34.742 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampled :

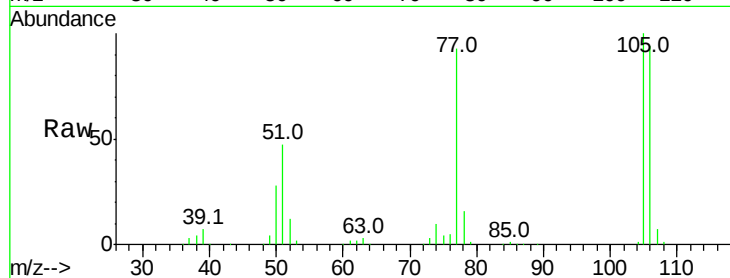
Tot Ion: 77 Resp: 169179

Ion Ratio Lower Upper

77 100

105 107.9 81.1 121.1

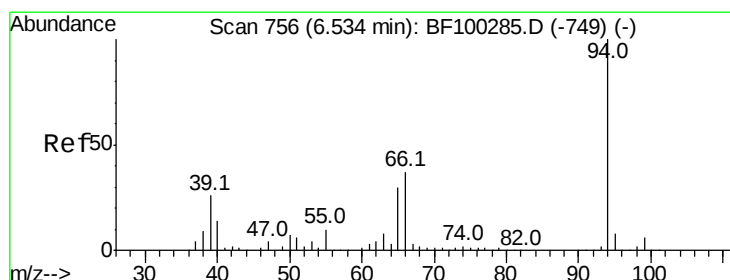
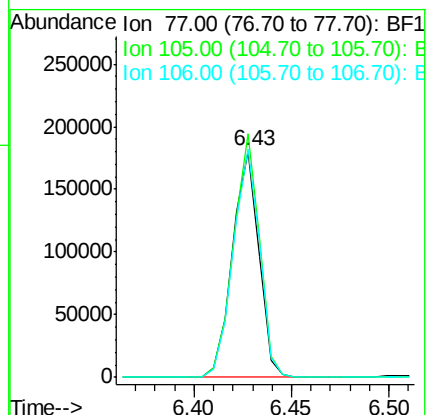
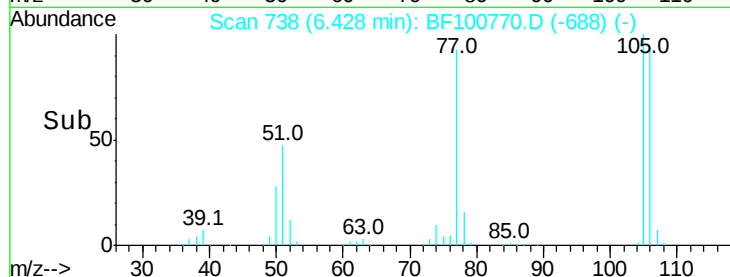
106 101.1 74.5 114.5



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: 38.932 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

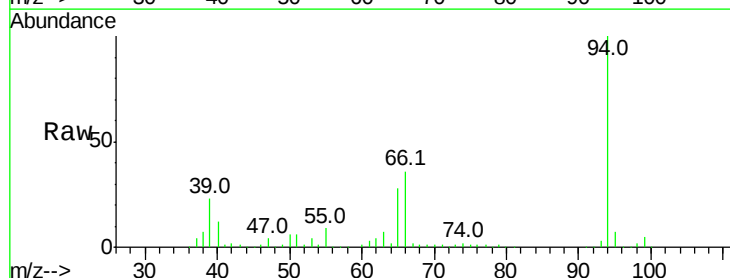
Tgt Ion: 94 Resp: 278684

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

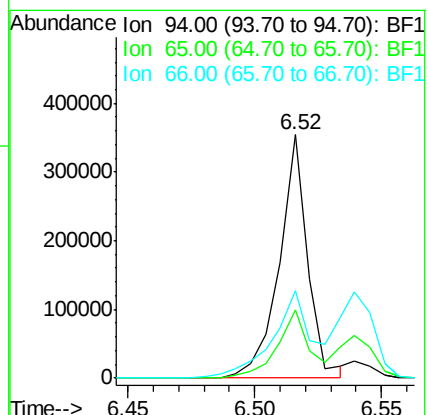
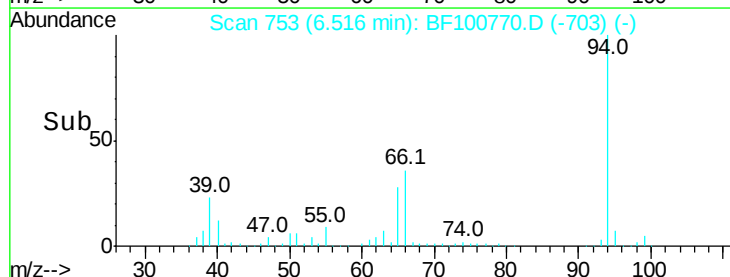
66 35.7 16.2 56.2



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: 37.810 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

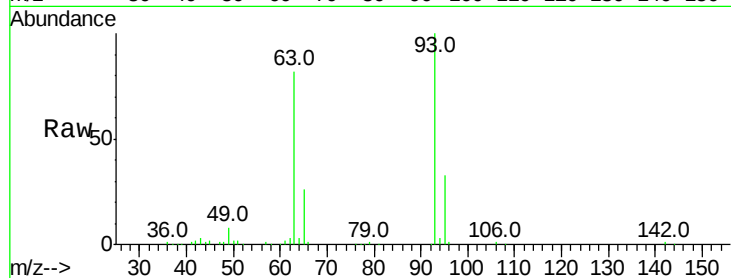
Tot Ion: 93 Resp: 227336

Ion Ratio Lower Upper

93 100

63 82.2 58.6 98.6

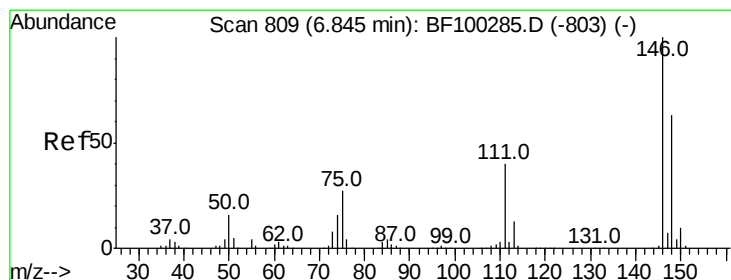
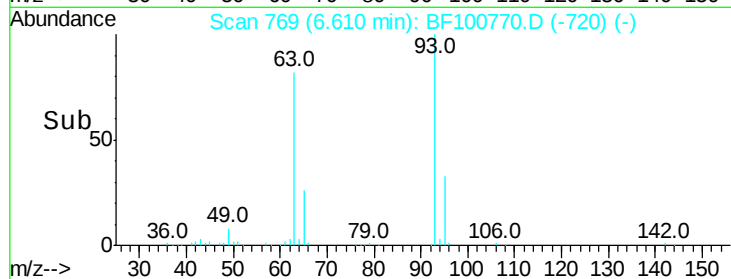
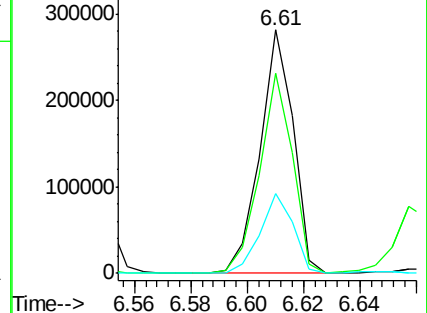
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.688 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

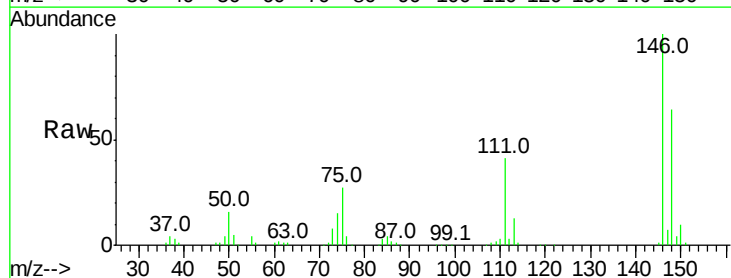
Tgt Ion: 146 Resp: 281163

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

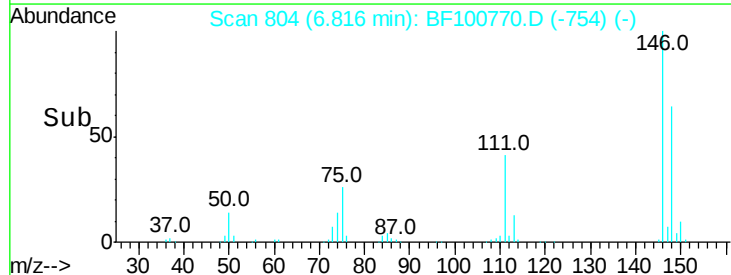
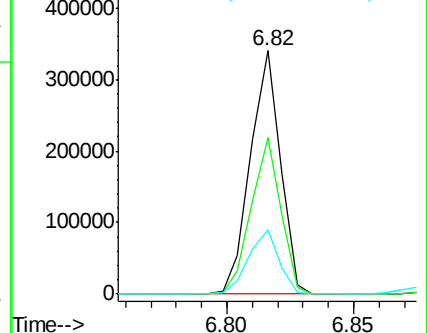
75 26.6 24.2 36.4



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): BF1

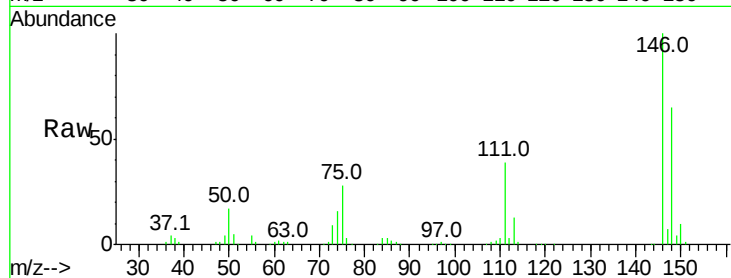




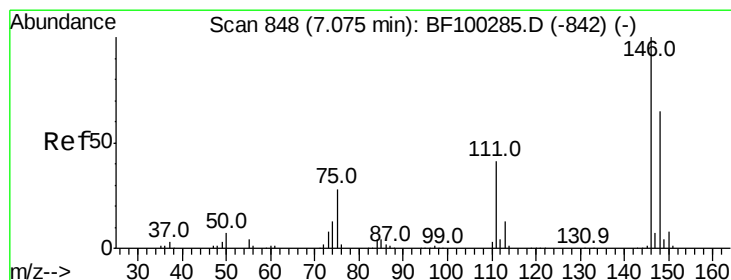
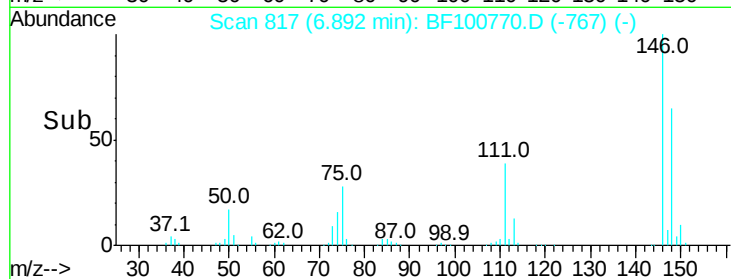
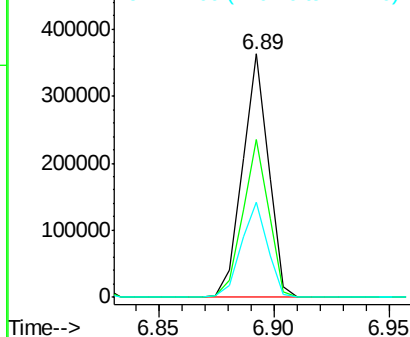
#13
 1,4-Dichlorobenzene
 Concen: 41.740 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	38.9	34.2	51.2

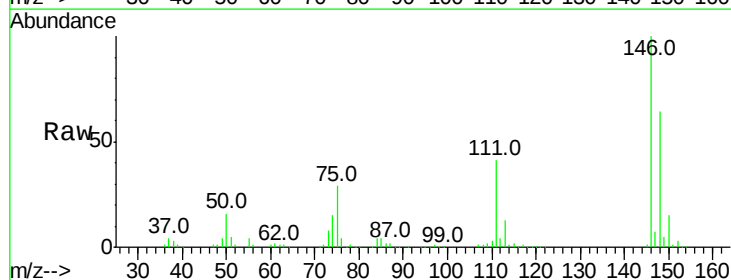


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

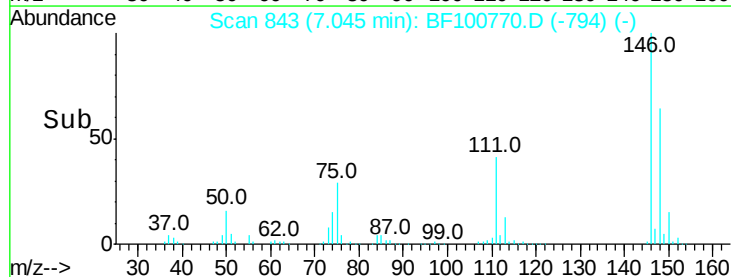
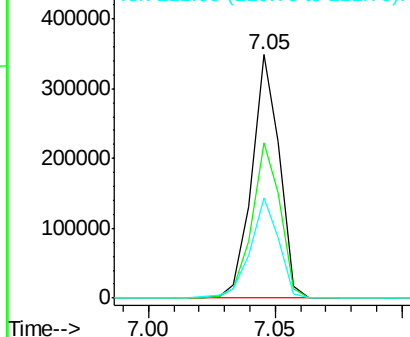


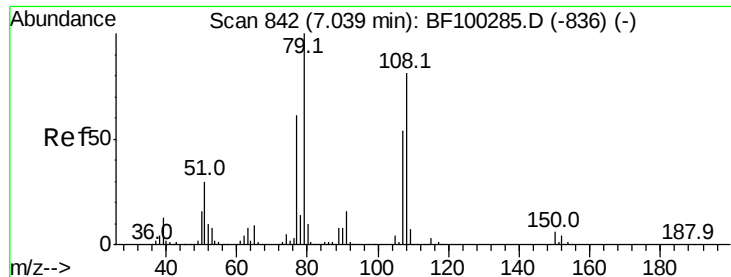
#14
 1,2-Dichlorobenzene
 Concen: 41.595 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	41.0	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.492 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampled :

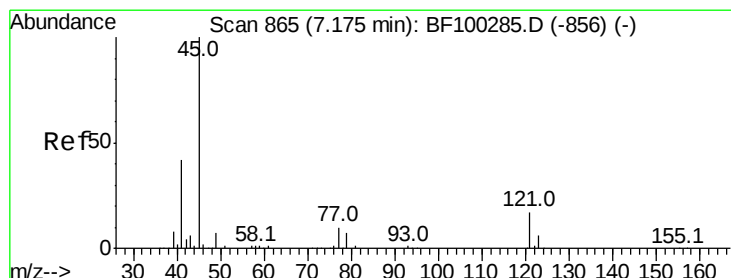
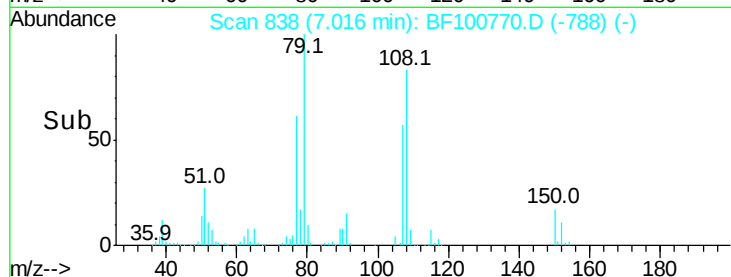
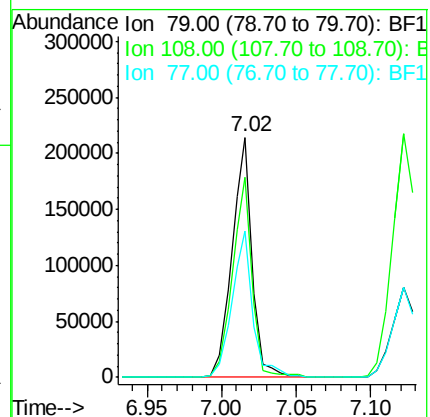
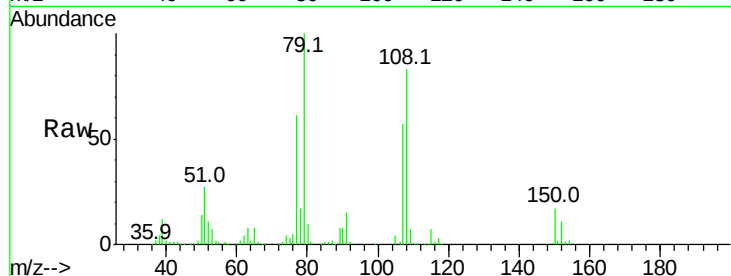
Tot Ion: 79 Resp: 204844

Ion Ratio Lower Upper

79 100

108 83.1 65.1 97.7

77 61.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.977 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

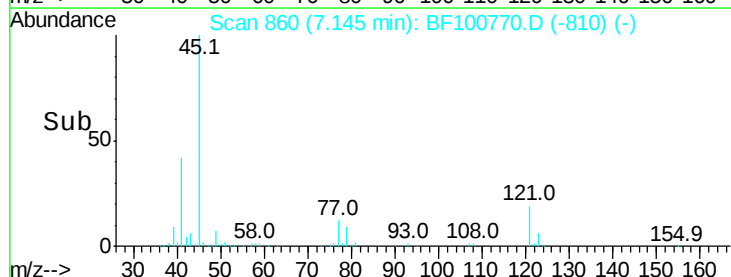
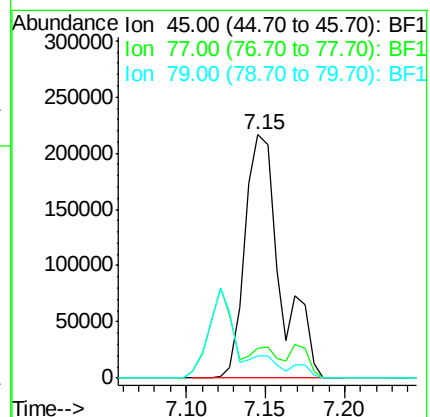
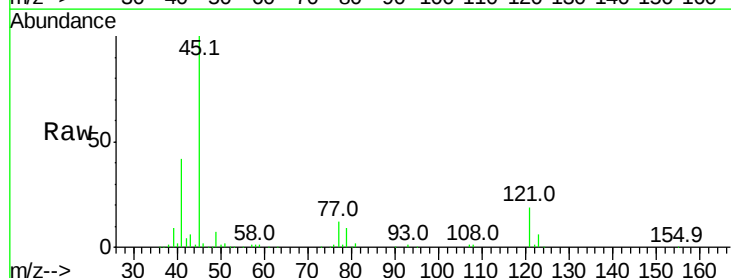
Tgt Ion: 45 Resp: 336358

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.9

79 9.2 0.0 29.6

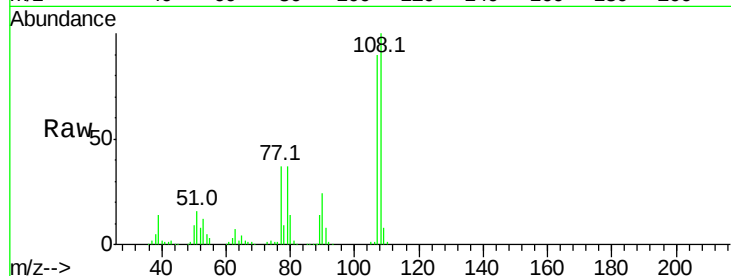




#17
2-Methylphenol
Concen: 39.878 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.7	137.5
77	41.1	33.8	50.8
79	41.2	33.8	50.8



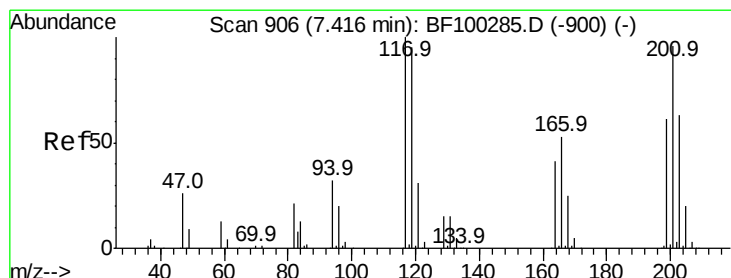
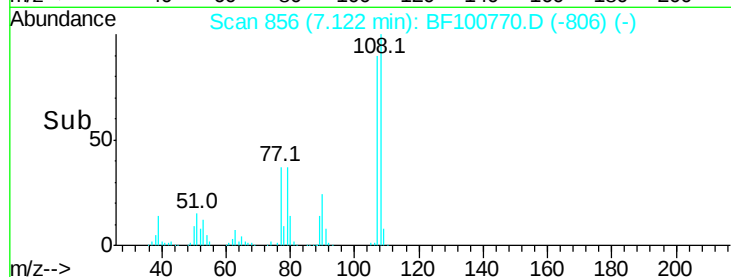
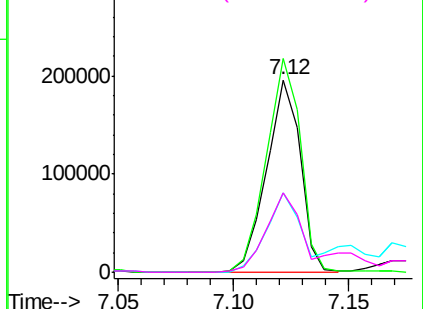
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

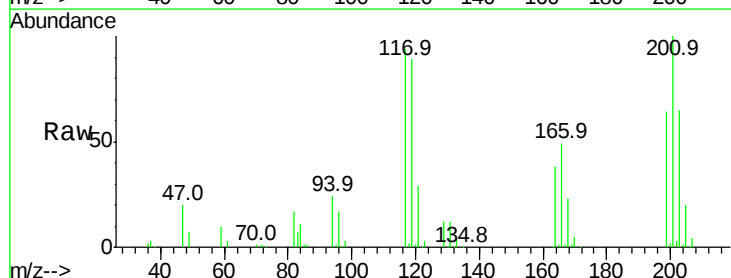
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.973 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	106.1	75.7	113.5

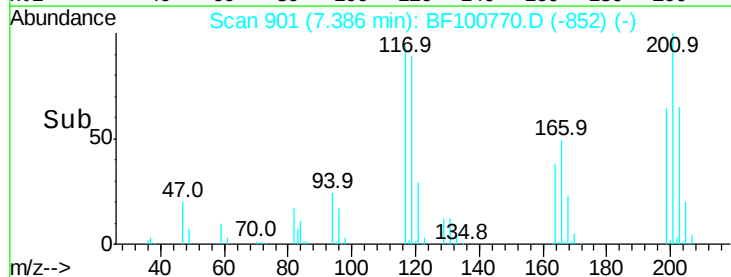
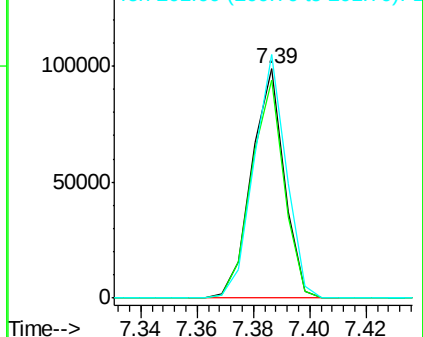


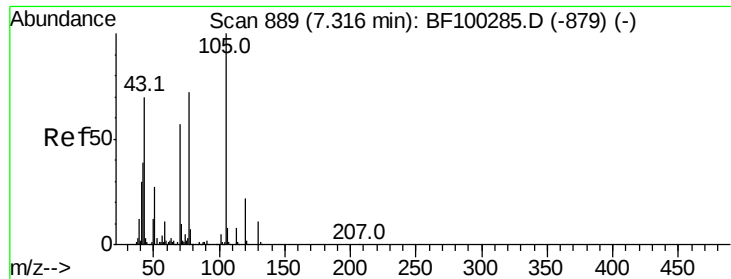
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

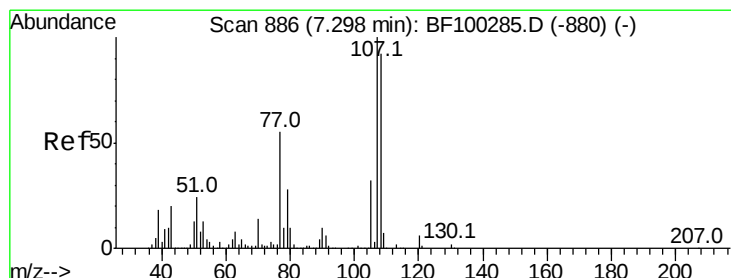
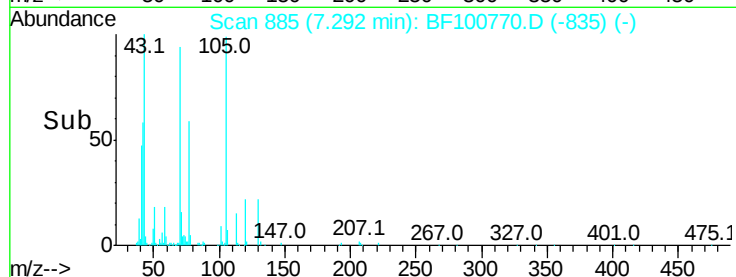
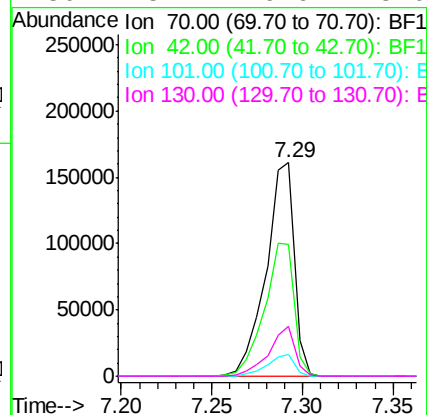
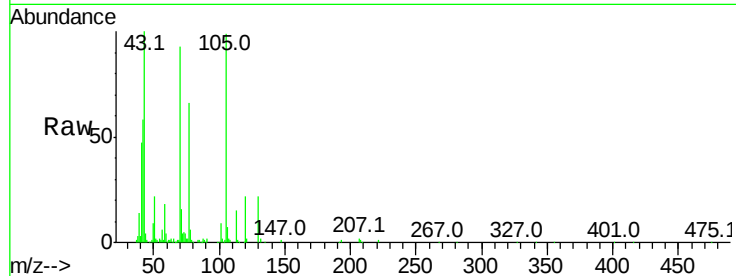




#19
n-Nitroso-di-n-propylamine
Concen: 37.091 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

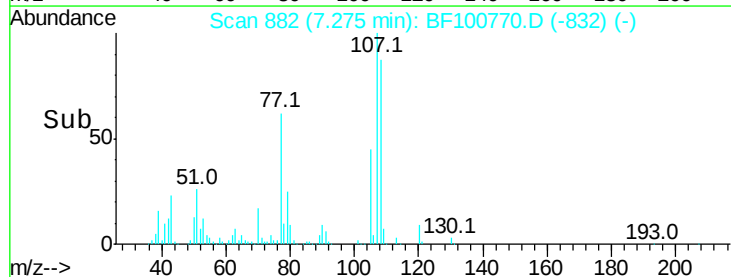
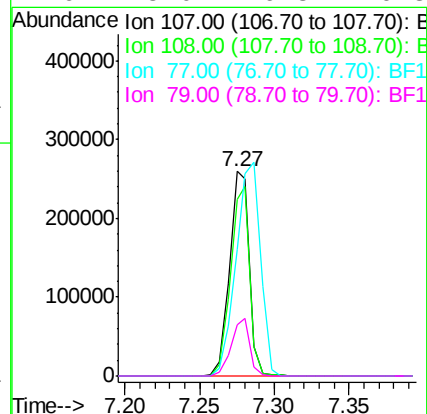
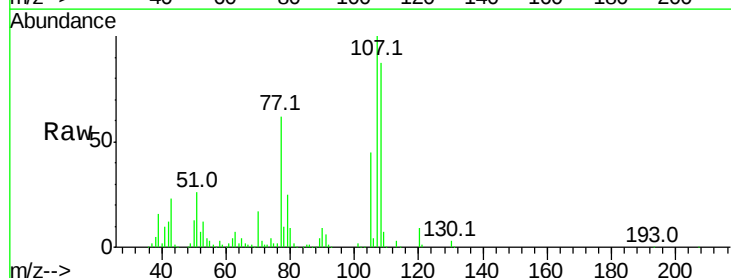
Instrument :
BNA_F
ClientSampled :

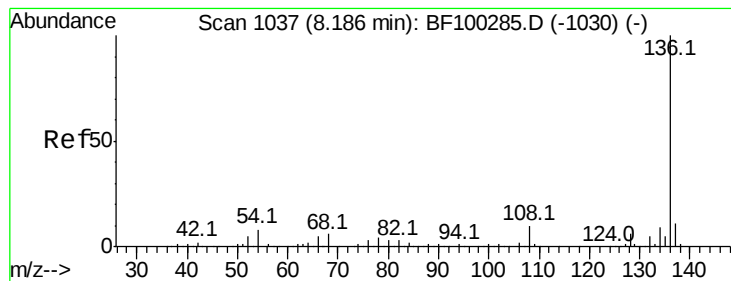
Tot Ion:	70	Resp:	175397
Ion	Ratio	Lower	Upper
70	100		
42	61.8	47.5	71.3
101	10.1	7.4	11.2
130	23.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.664 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:	107	Resp:	244587
Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	62.3	26.7	66.7
79	25.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 345540

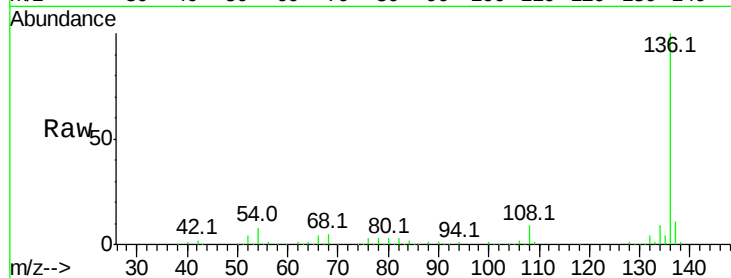
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 6.6 9.8

68 5.3 5.0 7.4

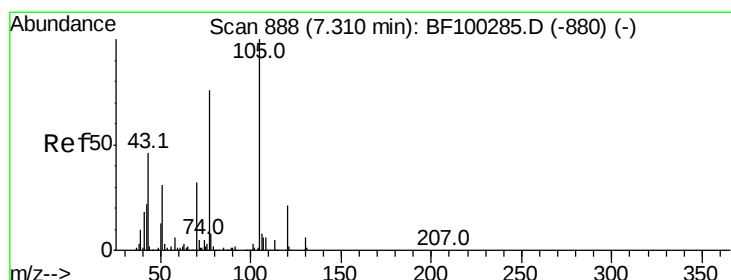
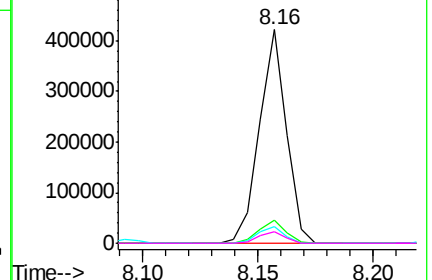
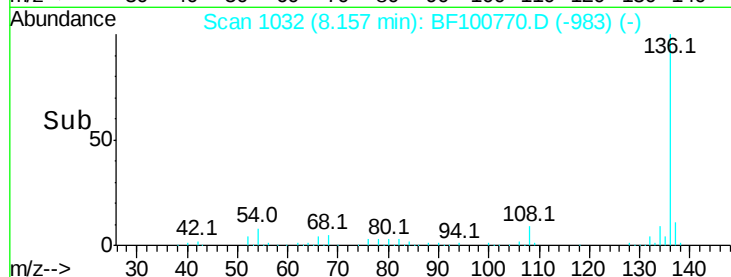


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.507 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Tgt Ion:105 Resp: 332880

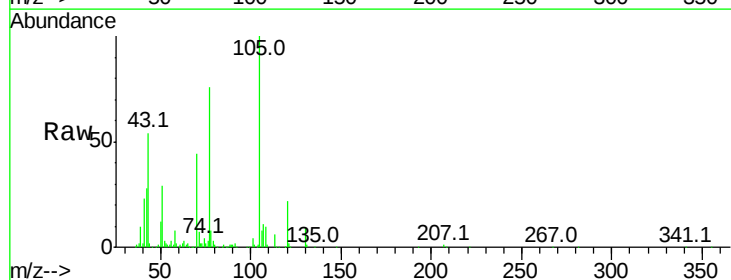
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 29.0 22.3 33.5

120 22.0 16.9 25.3

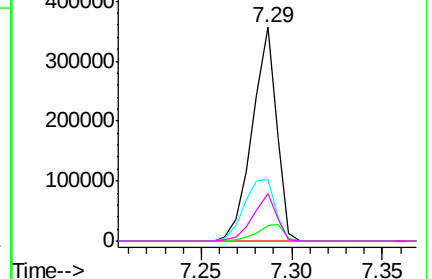
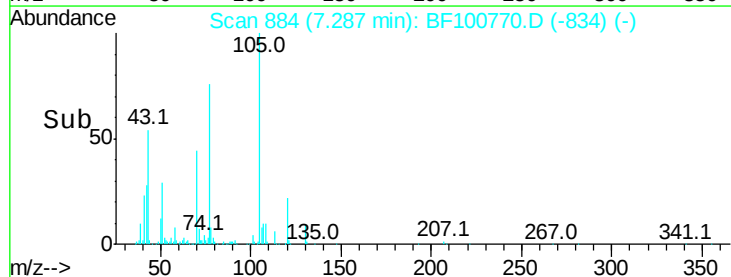


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

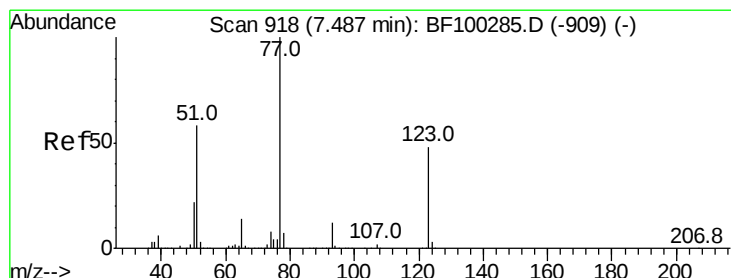
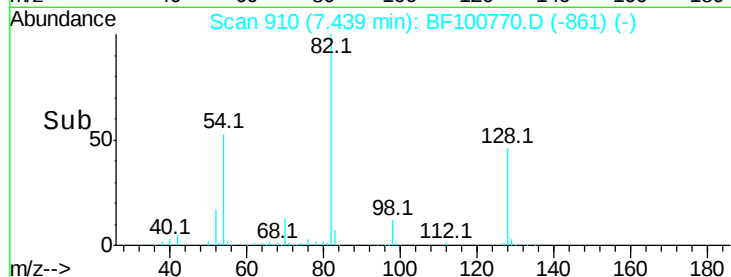
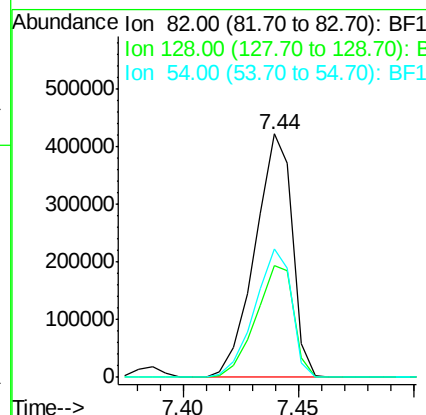
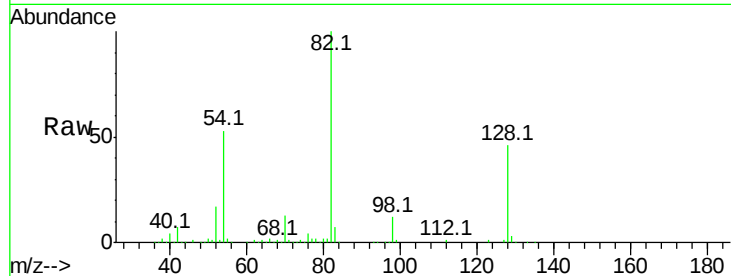




#23
 Nitrobenzene-d5
 Concen: 90.761 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

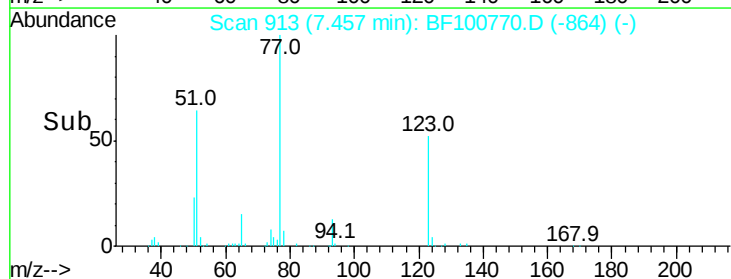
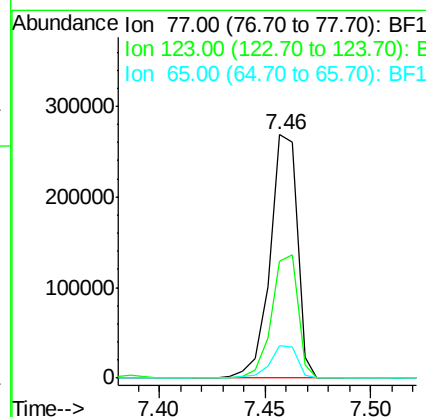
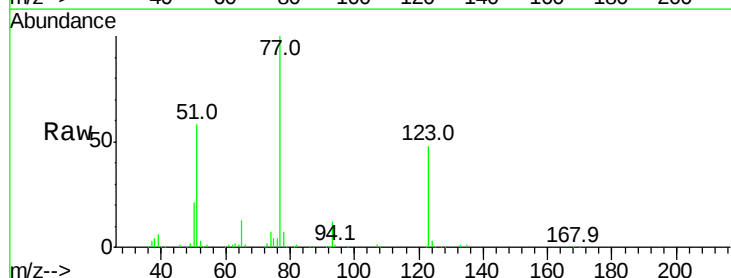
Instrument :
 BNA_F
 ClientSampleId :

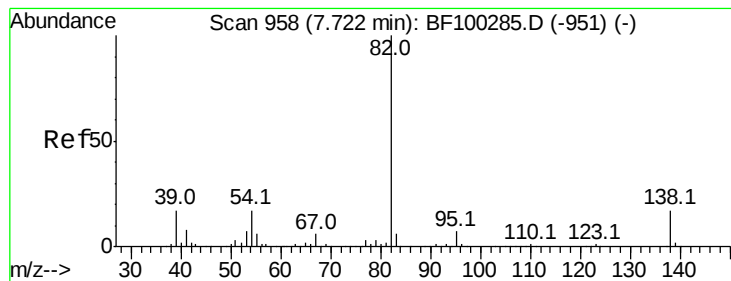
Tot Ion	82	Resp	474361
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	52.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 44.888 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion	77	Resp	241470
Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 37.475 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

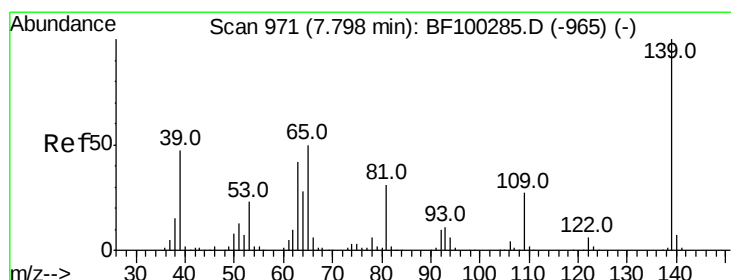
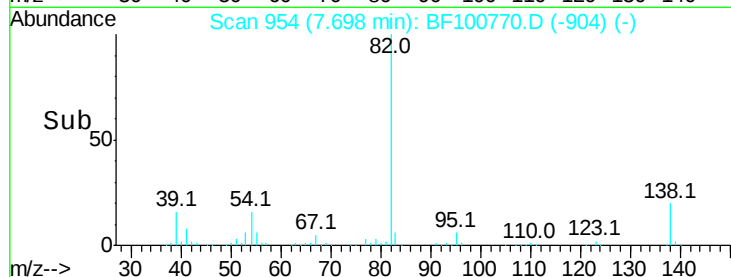
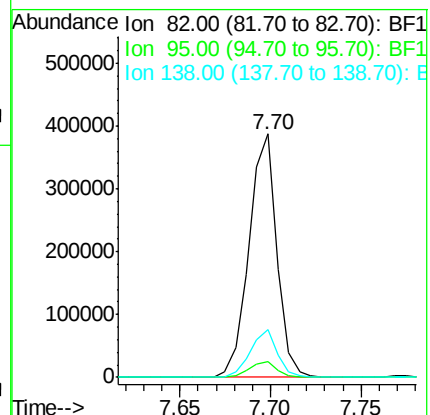
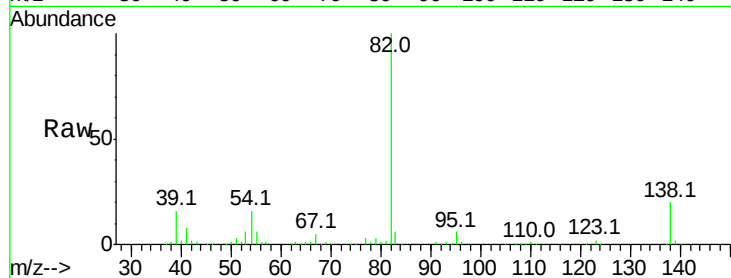
Tot Ion: 82 Resp: 411586

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 44.207 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

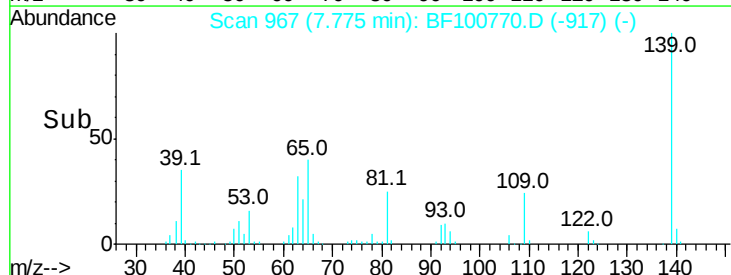
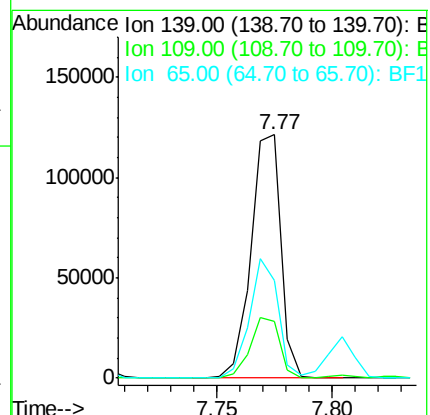
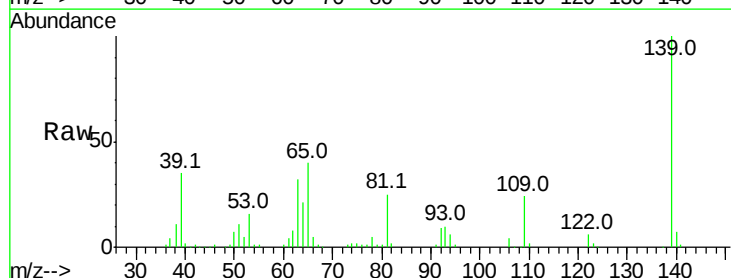
Tgt Ion: 139 Resp: 110290

Ion Ratio Lower Upper

139 100

109 23.5 22.7 34.1

65 40.2 40.5 60.7#

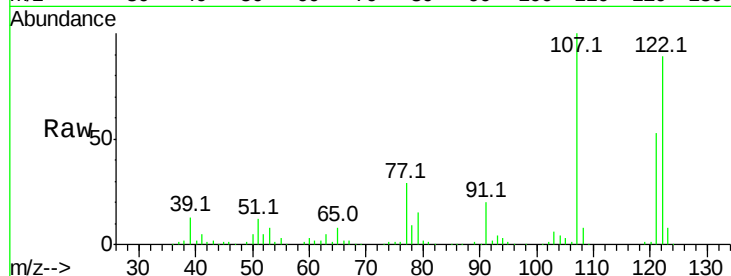




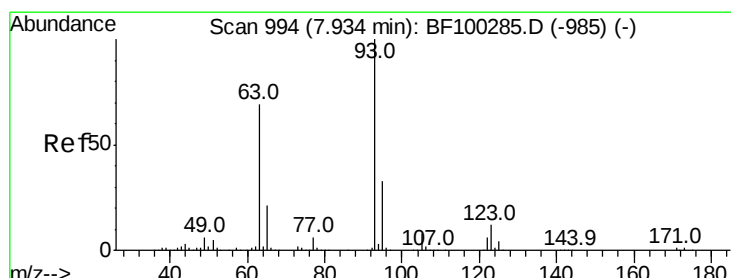
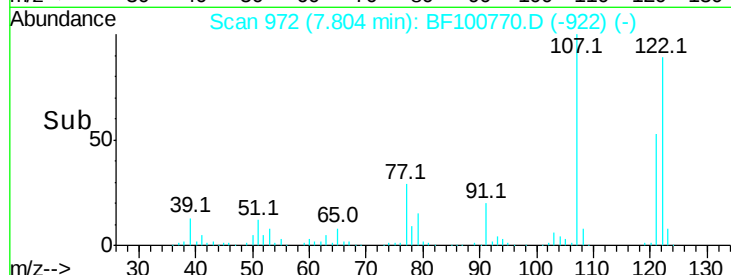
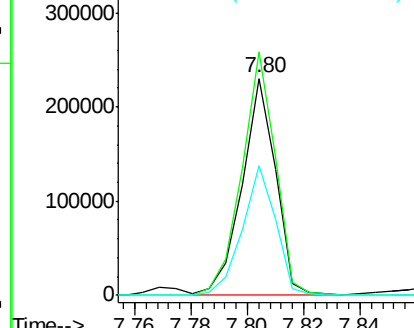
#27
2,4-Dimethylphenol
Concen: 38.675 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	91.2	136.8
121	59.6	47.2	70.8

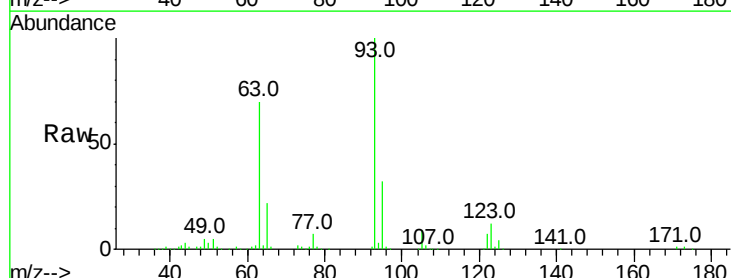


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

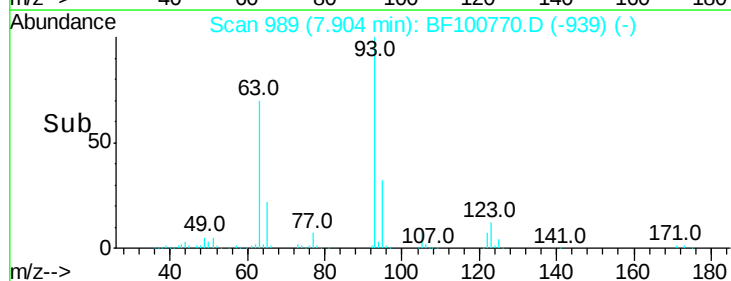
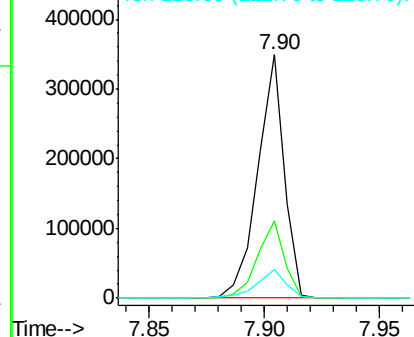


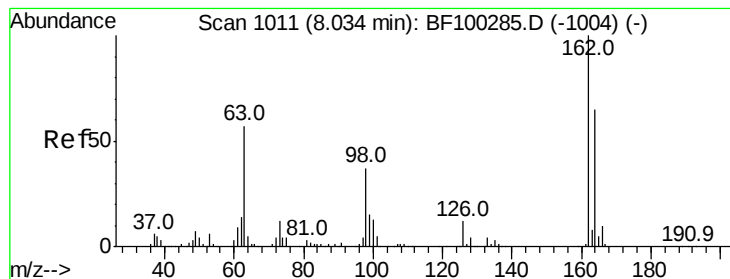
#28
bis(2-Chloroethoxy)methane
Concen: 39.202 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.3	39.5
123	11.9	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: 42.533 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

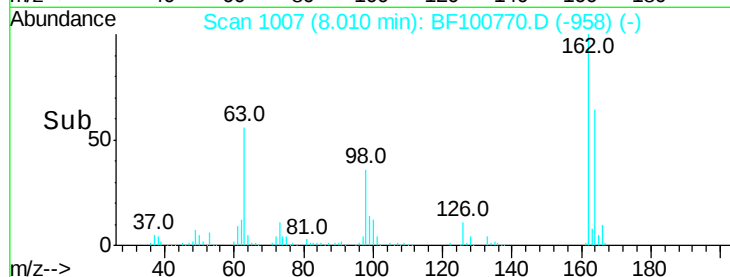
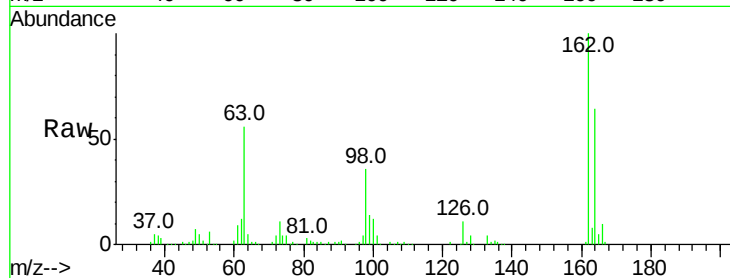
Tot Ion:162 Resp: 199911

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

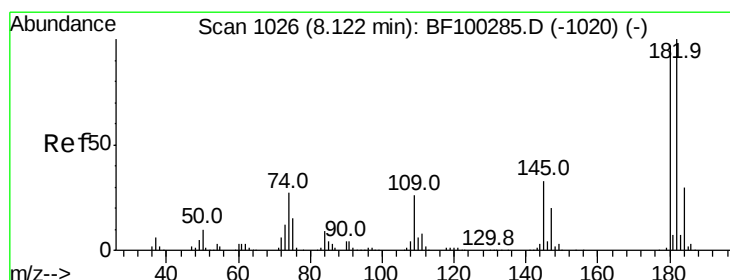
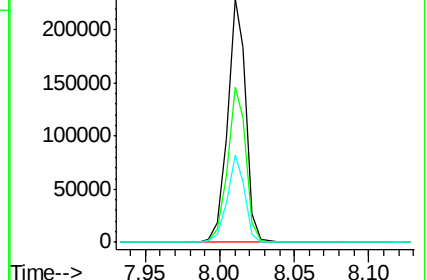
98 36.0 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.157 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

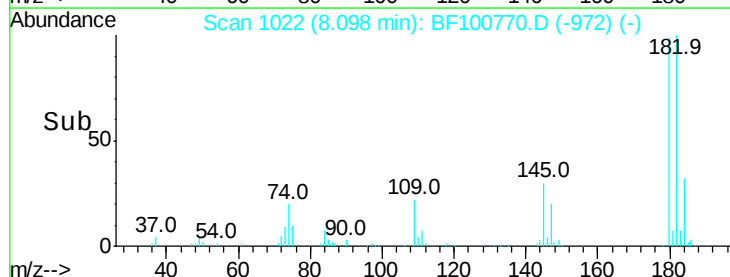
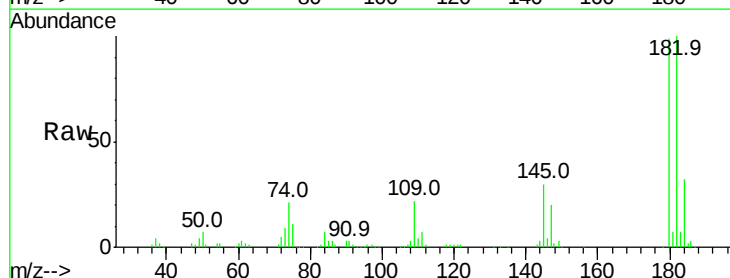
Tgt Ion:180 Resp: 219417

Ion Ratio Lower Upper

180 100

182 101.3 76.8 115.2

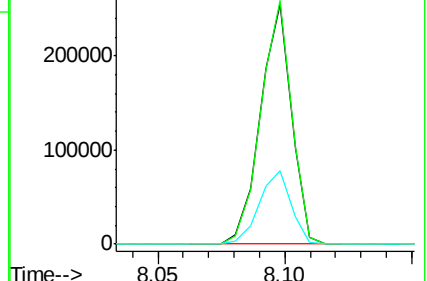
145 30.7 26.5 39.7

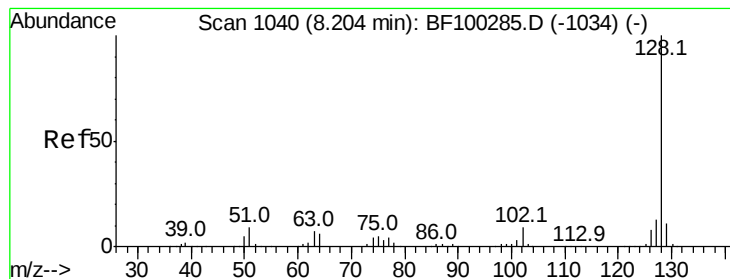


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.913 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

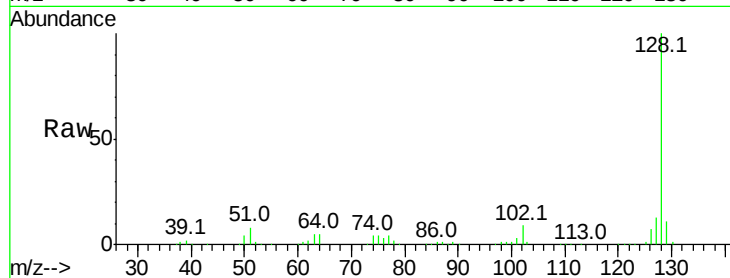
Tot Ion:128 Resp: 680918

Ion Ratio Lower Upper

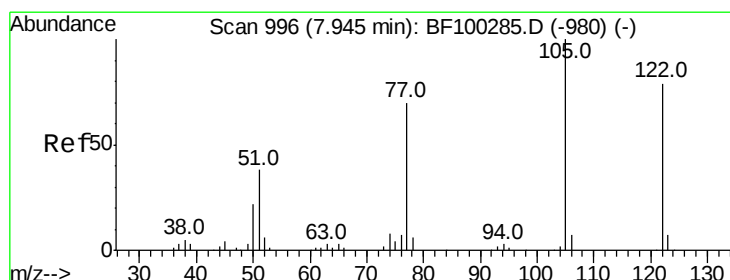
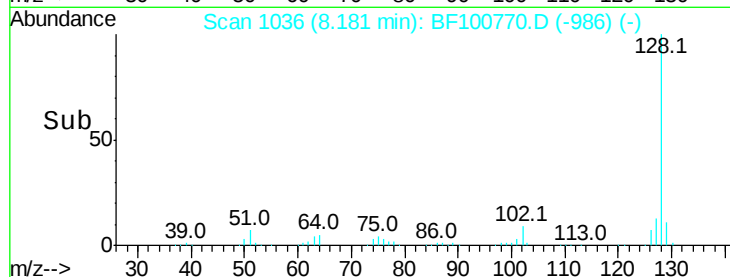
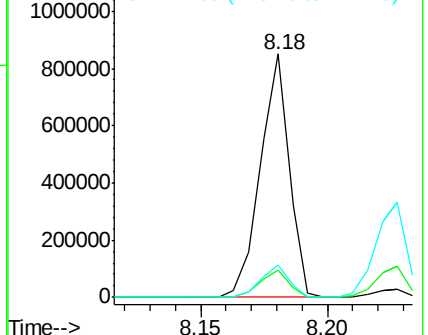
128 100

129 11.1 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: 26.875 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

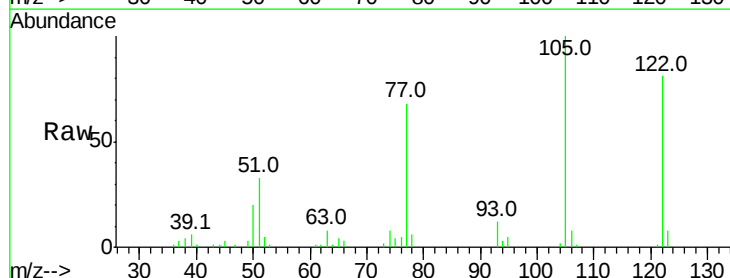
Tgt Ion:122 Resp: 82002

Ion Ratio Lower Upper

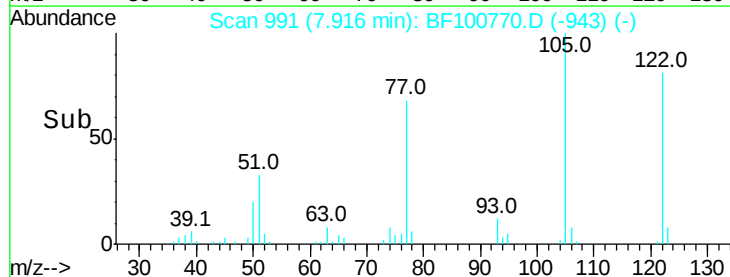
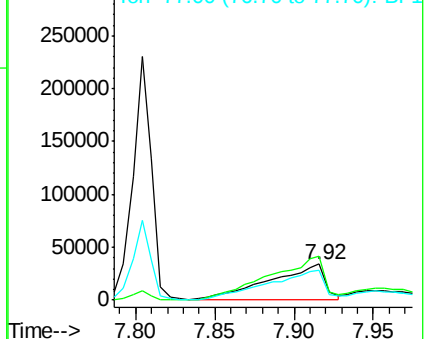
122 100

105 122.9 101.1 141.1

77 83.9 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

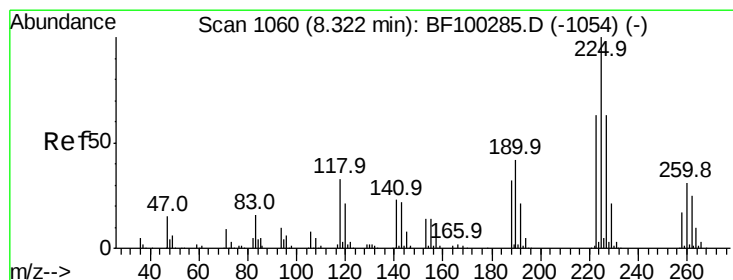
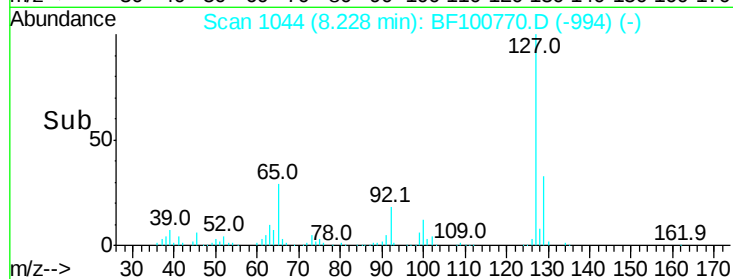
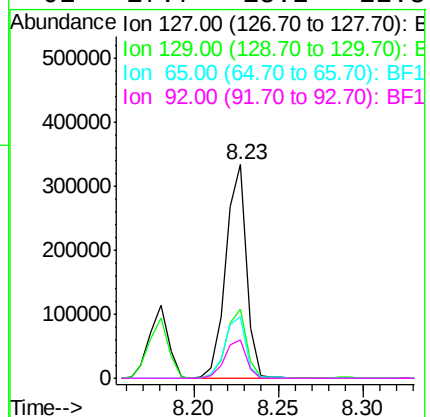
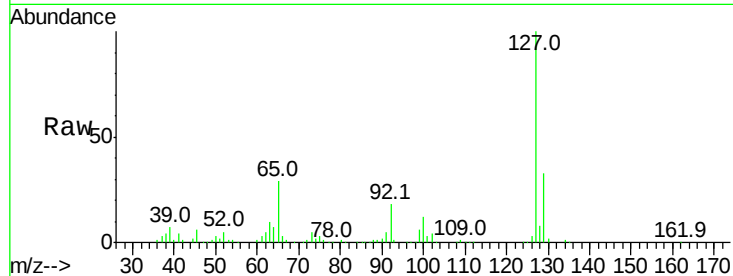




#33
4-Chloroaniline
Concen: 40.980 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

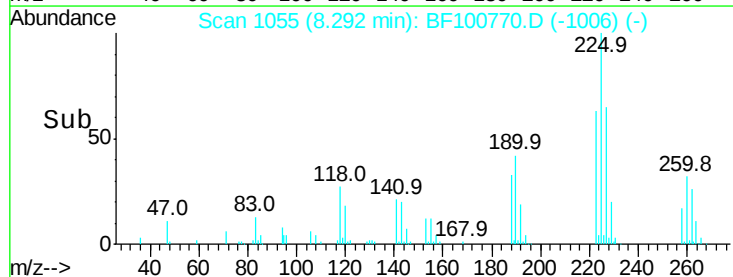
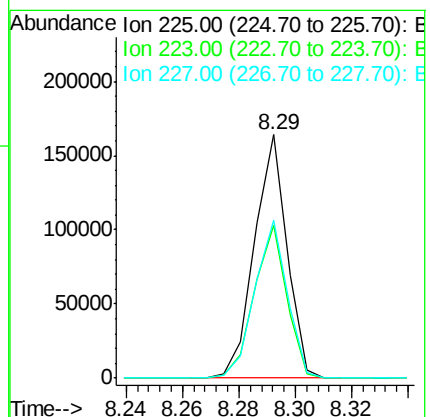
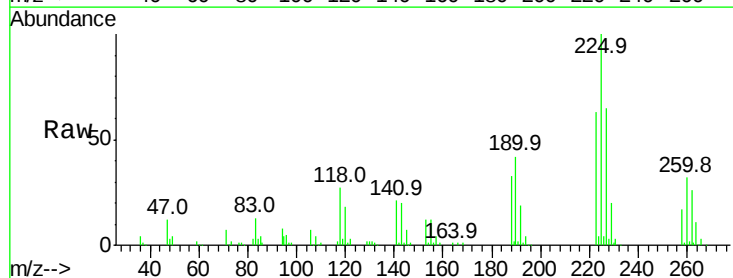
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	283898
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	28.6	25.0	37.4
92	17.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.271 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:	225	Resp:	130805
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.6	51.9	77.9

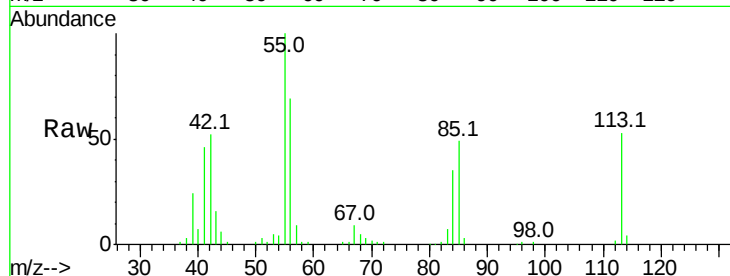




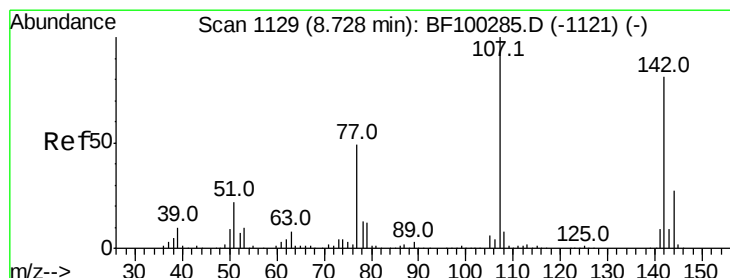
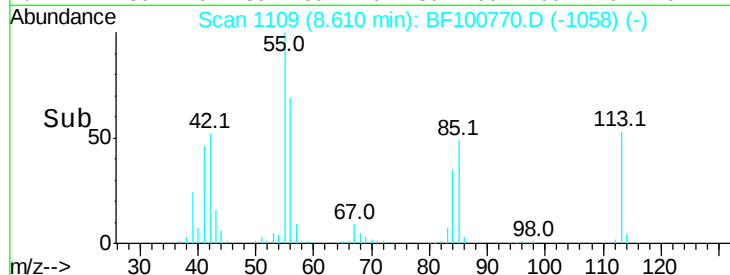
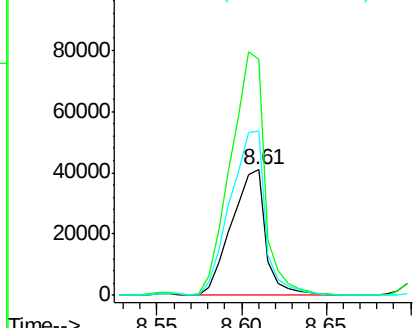
#35
Caprolactam
Concen: 36.074 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 58187
Ion Ratio Lower Upper
113 100
55 187.4 163.3 203.3
56 130.2 115.7 155.7

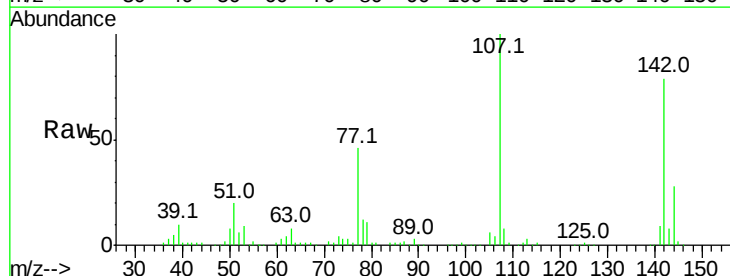


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

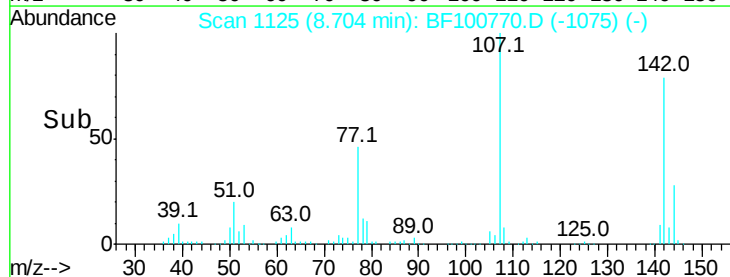
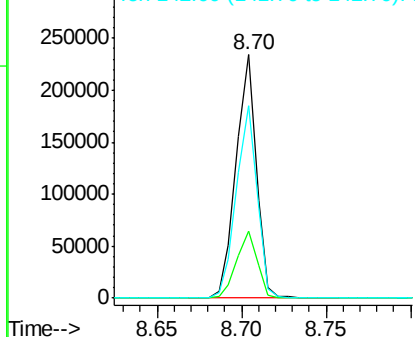


#36
4-Chloro-3-methylphenol
Concen: 39.007 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:107 Resp: 196909
Ion Ratio Lower Upper
107 100
144 27.6 20.5 30.7
142 79.2 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

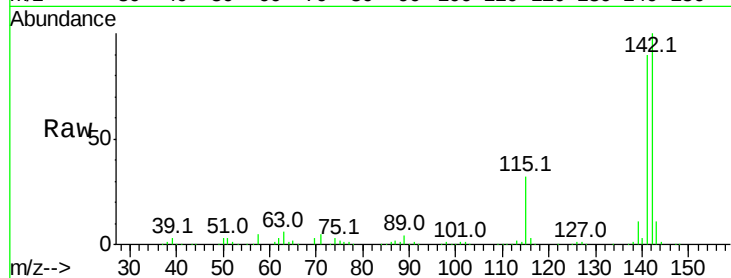




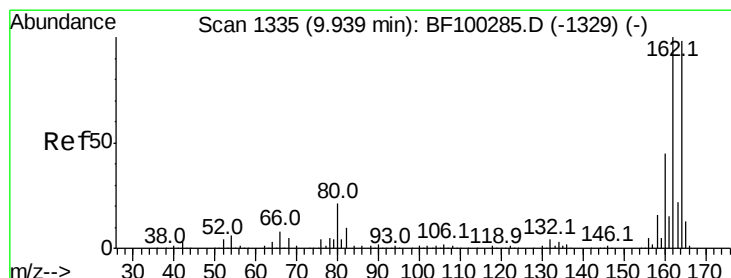
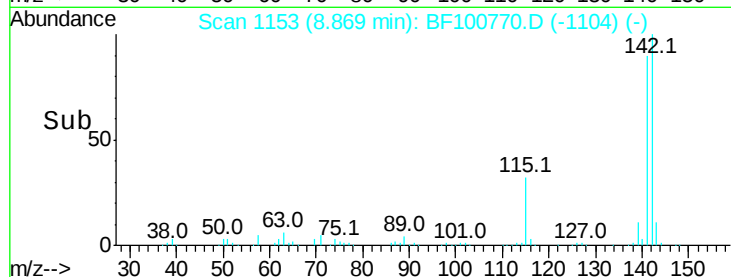
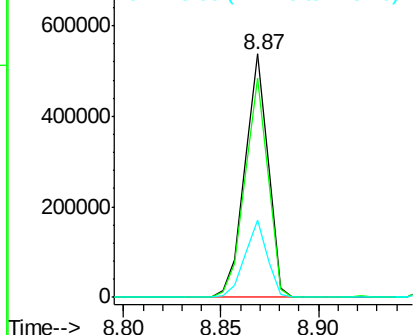
#37
 2-Methylnaphthalene
 Concen: 40.144 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	31.8	26.1	39.1

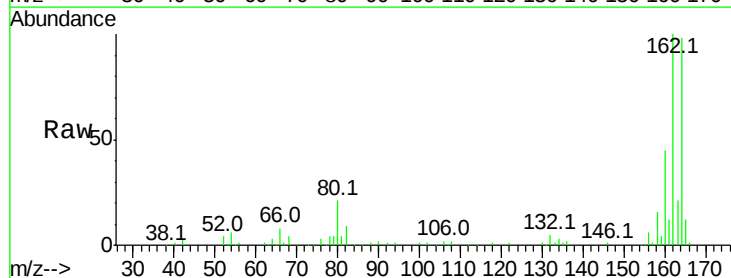


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

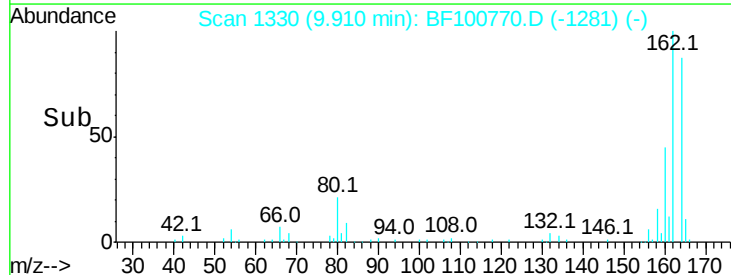
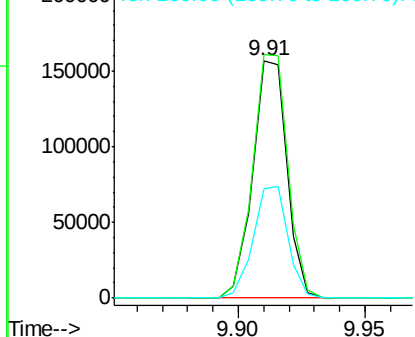


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.0	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: 48.315 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 237404

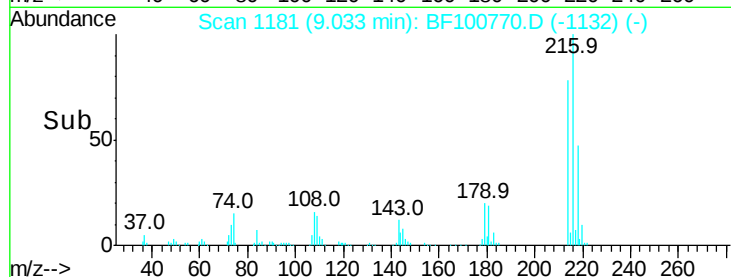
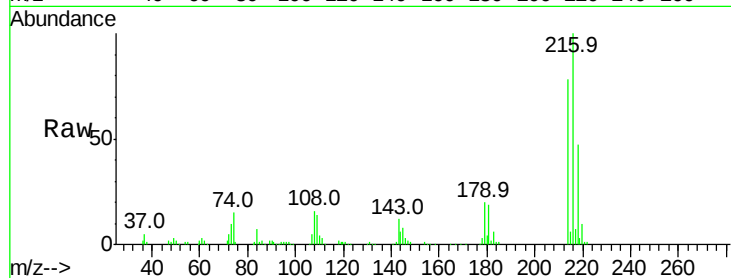
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 19.5 18.1 27.1

108 15.2 17.2 25.8#

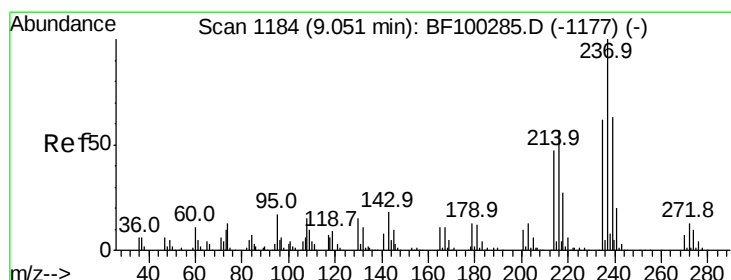
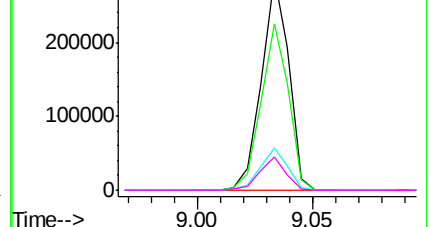


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.823 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

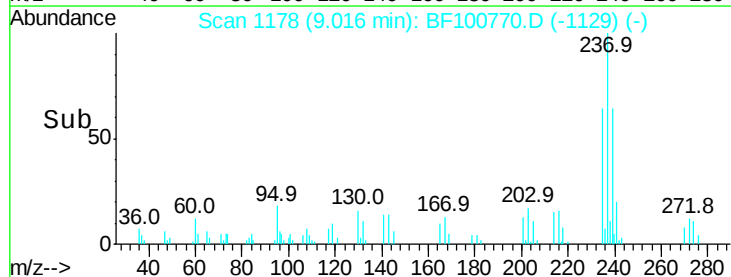
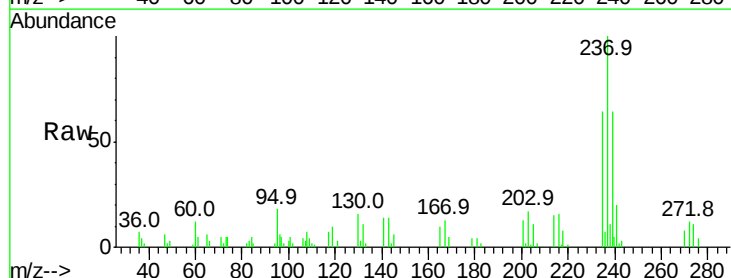
Tgt Ion:237 Resp: 20403

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

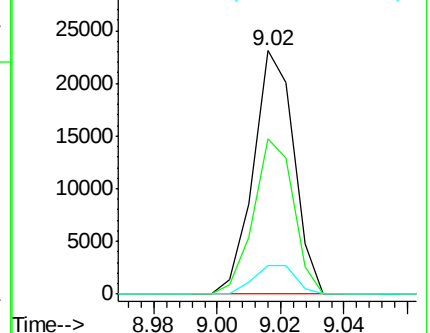
272 11.9 0.0 33.3

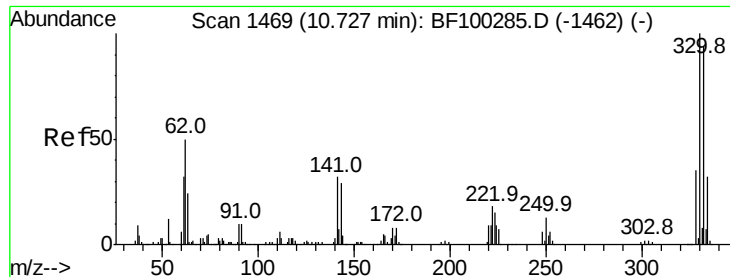


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 78.102 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

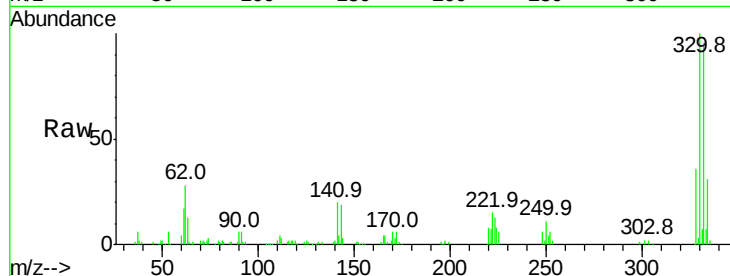
Tot Ion:330 Resp: 117913

Ion Ratio Lower Upper

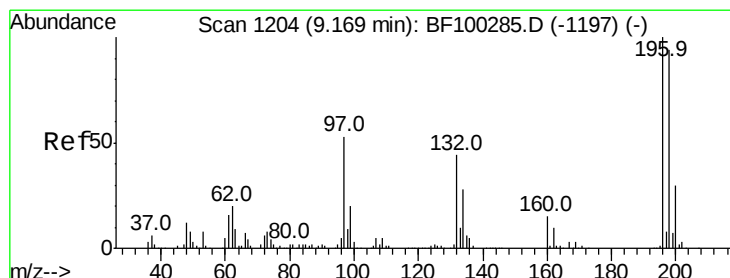
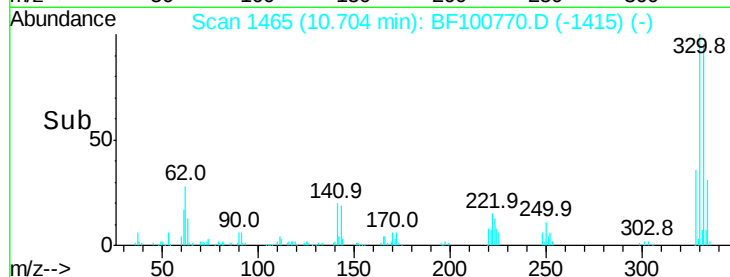
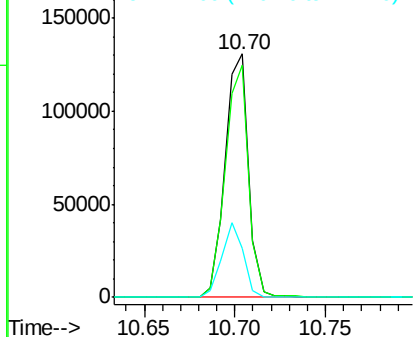
330 100

332 94.8 77.0 115.6

141 28.2 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: 44.563 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

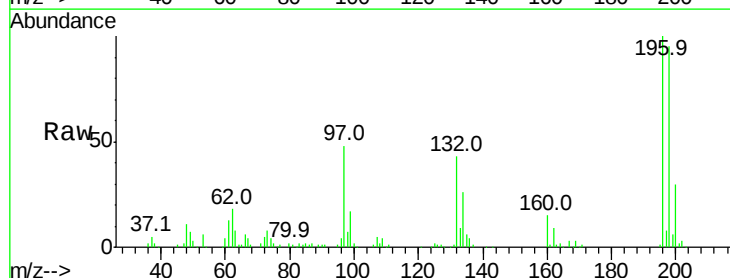
Tgt Ion:196 Resp: 138777

Ion Ratio Lower Upper

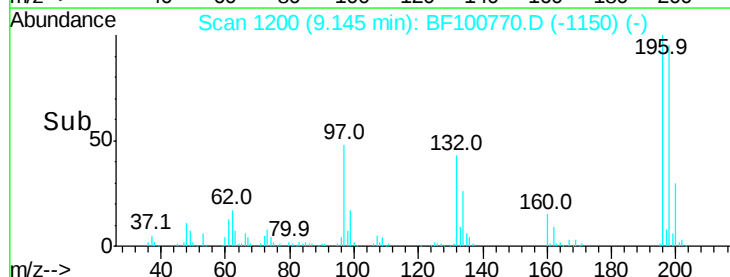
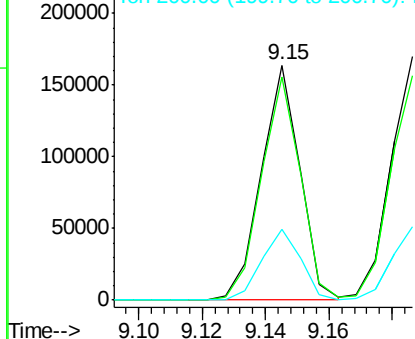
196 100

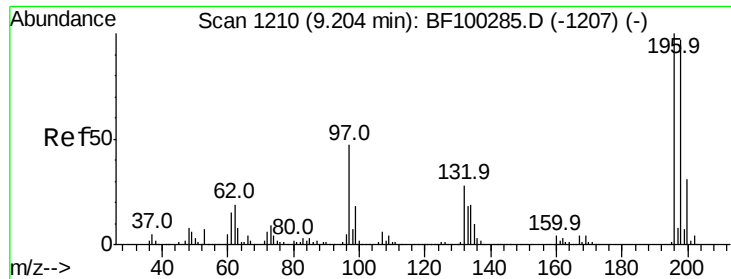
198 94.8 75.7 113.5

200 29.9 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

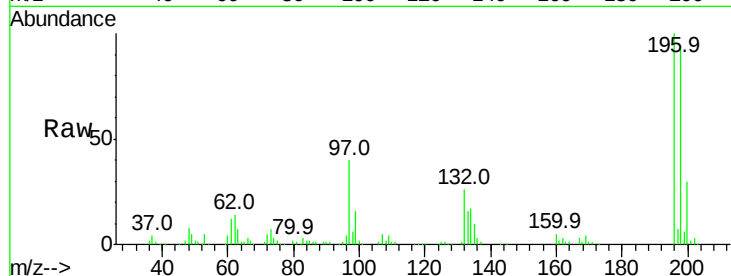




#43
 2,4,5-Trichlorophenol
 Concen: 44.601 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.6	112.0
97	39.9	42.9	64.3#
132	25.7	26.3	39.5#



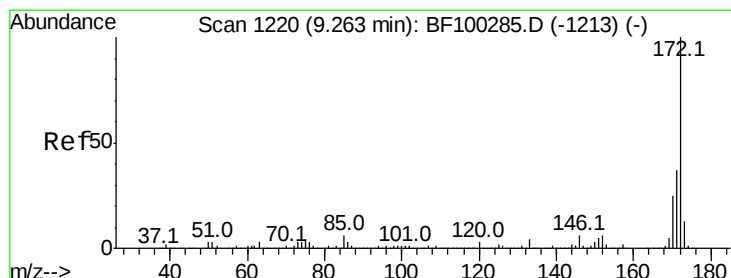
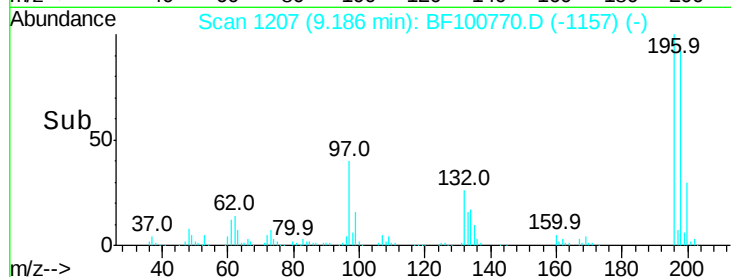
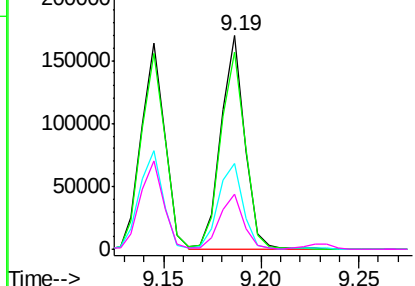
Abundance

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: 92.519 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

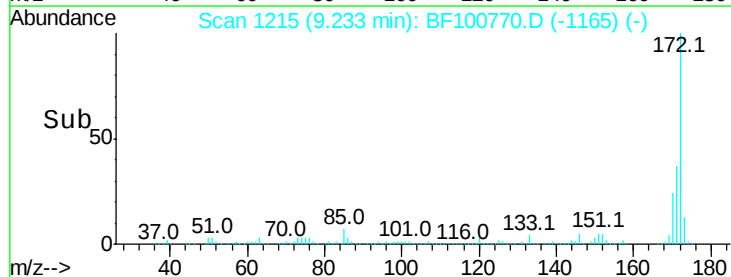
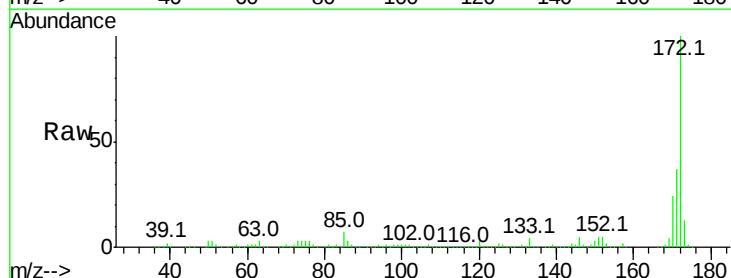
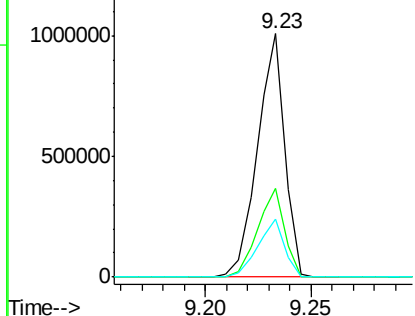
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

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

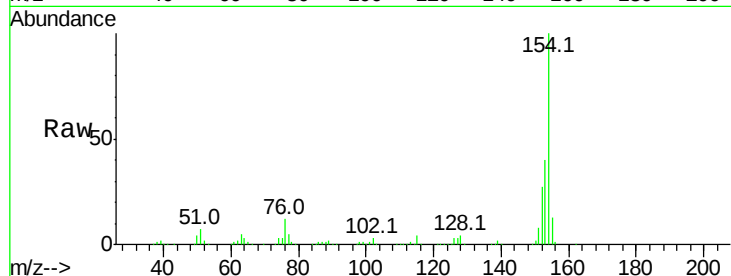




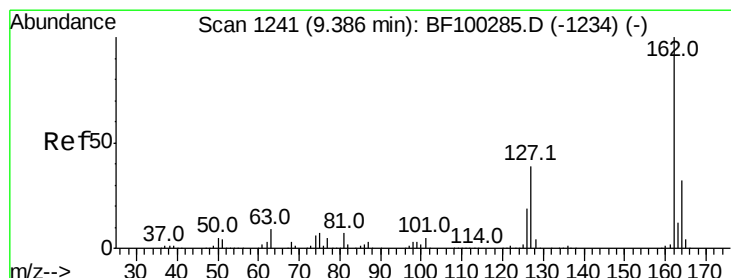
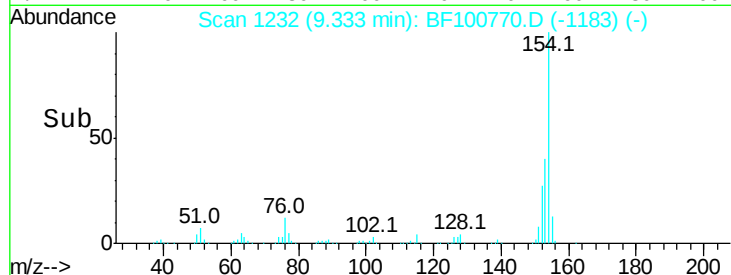
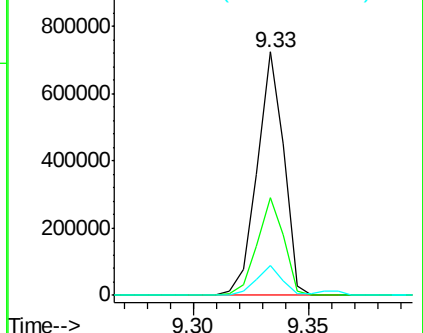
#45
 1,1'-Biphenyl
 Concen: 45.722 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	154	Resp:	585883
Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	12.3	0.0	34.0

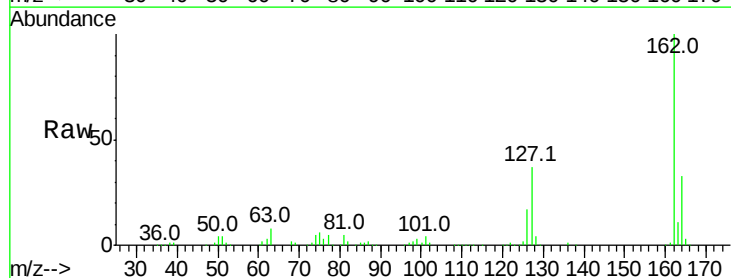


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

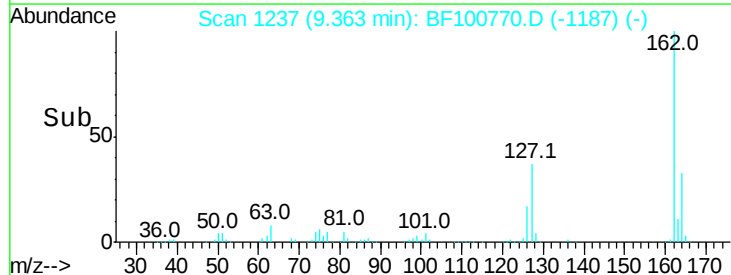
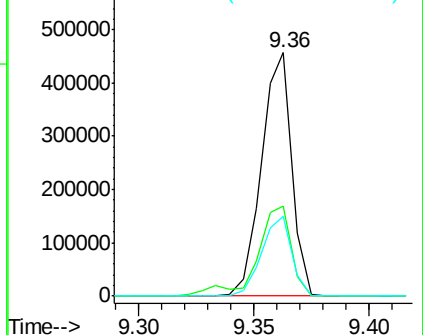


#46
 2-Chloronaphthalene
 Concen: 44.755 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion:	162	Resp:	416052
Ion	Ratio	Lower	Upper
162	100		
127	36.9	33.9	50.9
164	32.8	26.5	39.7



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

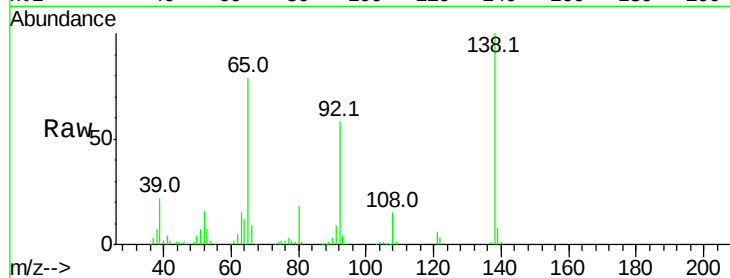




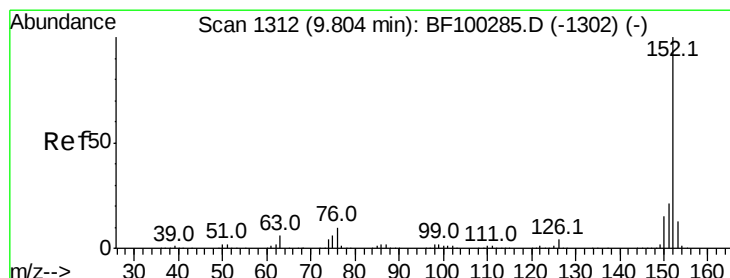
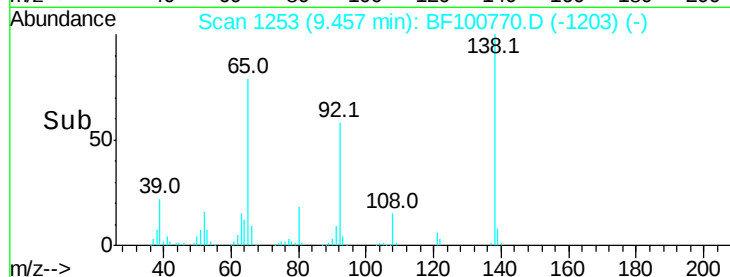
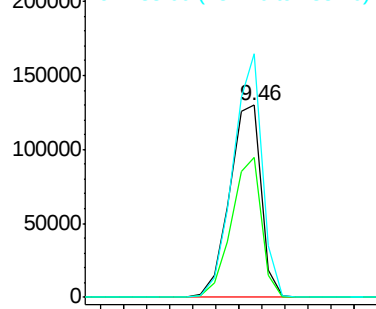
#47
2-Nitroaniline
Concen: 45.458 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 124436
Ion Ratio Lower Upper
65 100
92 72.9 55.8 83.6
138 126.7 91.2 136.8

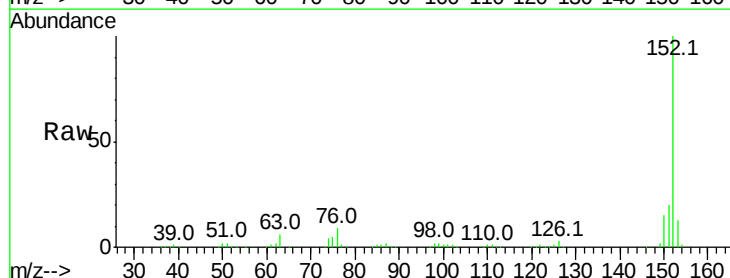


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

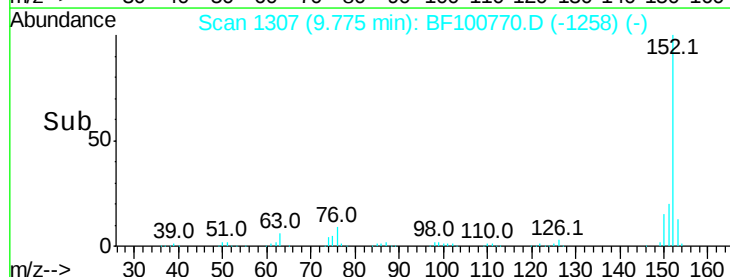
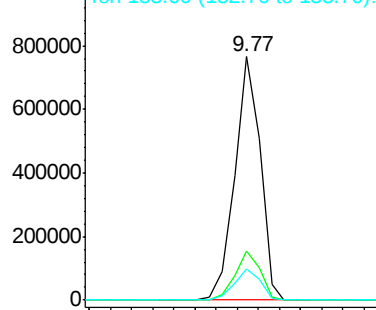


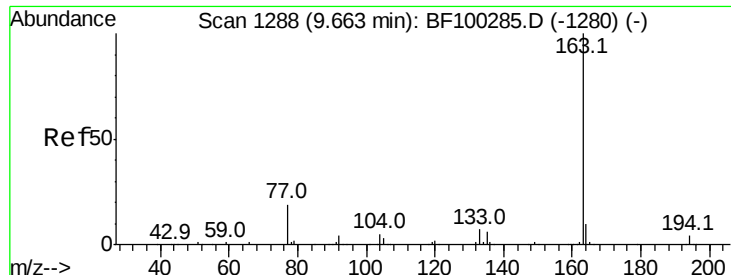
#48
Acenaphthylene
Concen: 41.648 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion: 152 Resp: 641631
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.1 10.7 16.1



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

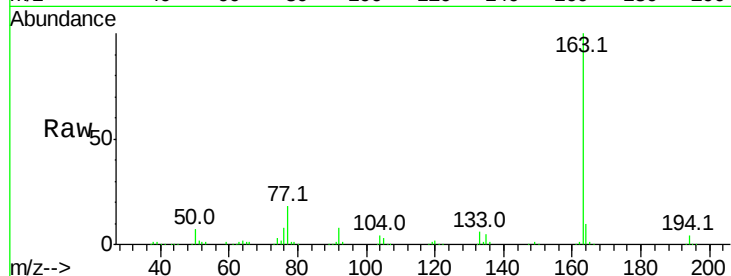




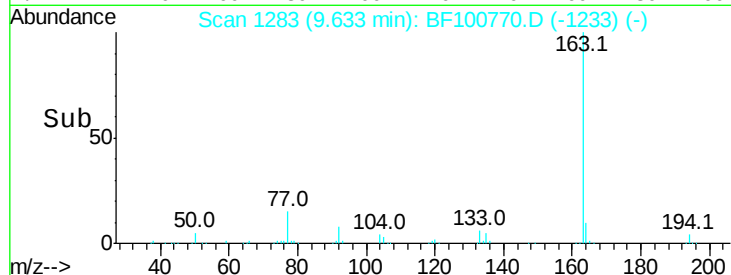
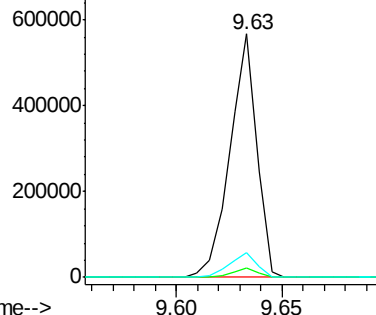
#49
Dimethylphthalate
Concen: 44.438 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2

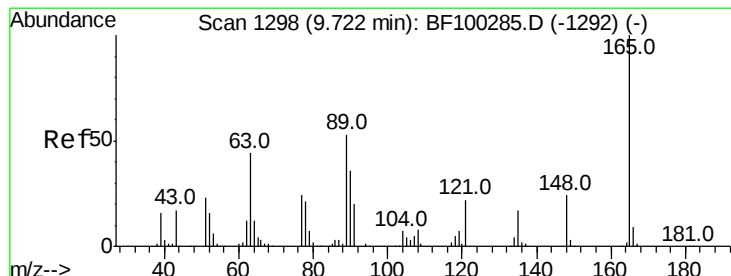


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

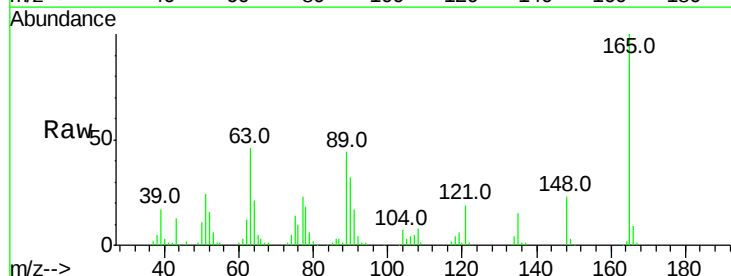
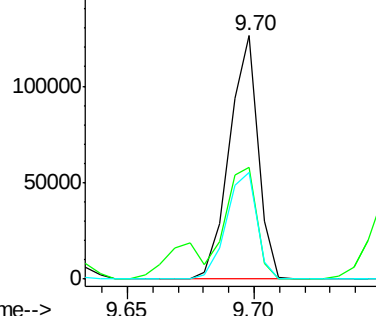


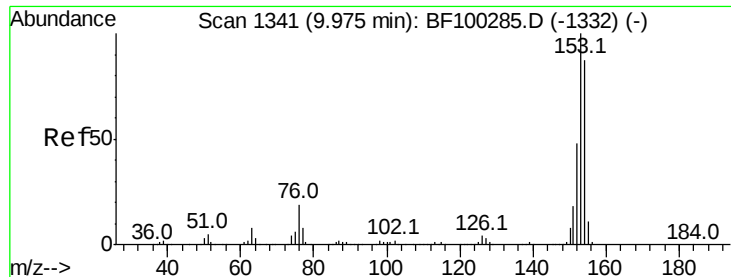
#50
2,6-Dinitrotoluene
Concen: 44.682 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.9	44.7	67.1
89	43.8	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

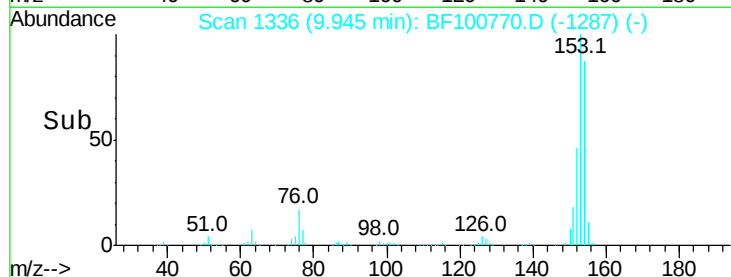
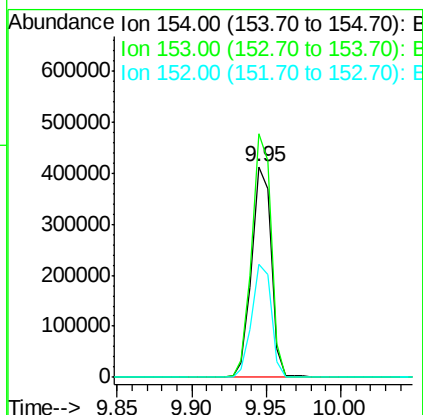
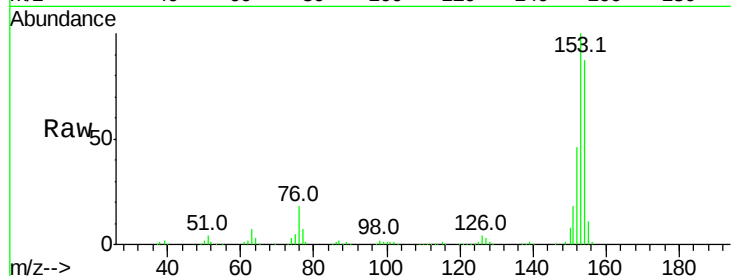




#51
Acenaphthene
Concen: 39.808 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

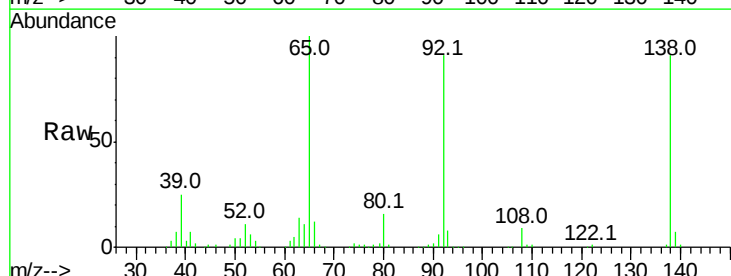
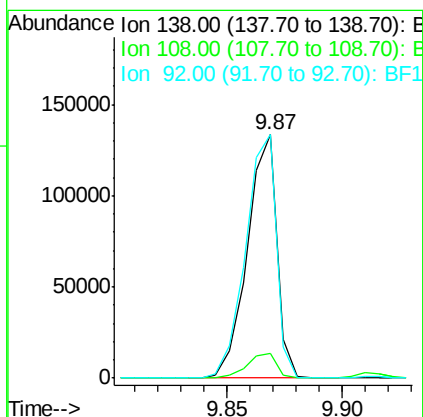
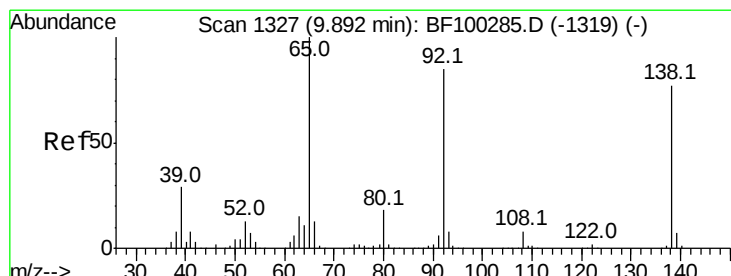
Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 372986
Ion Ratio Lower Upper
154 100
153 115.6 91.2 136.8
152 53.5 43.8 65.8



#52
3-Nitroaniline
Concen: 45.309 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:138 Resp: 119802
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.0
92 99.8 89.4 134.2

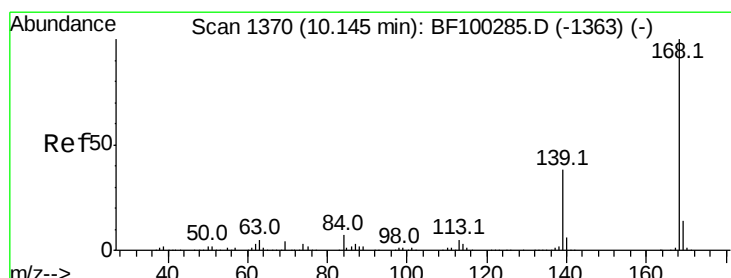
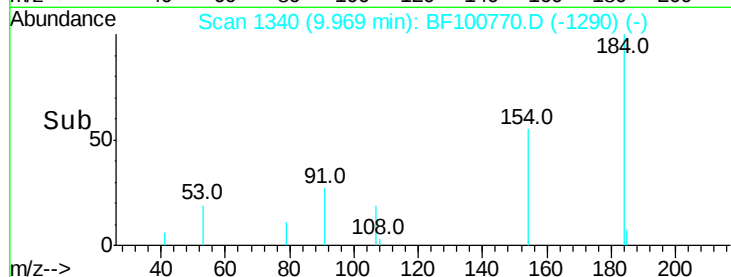
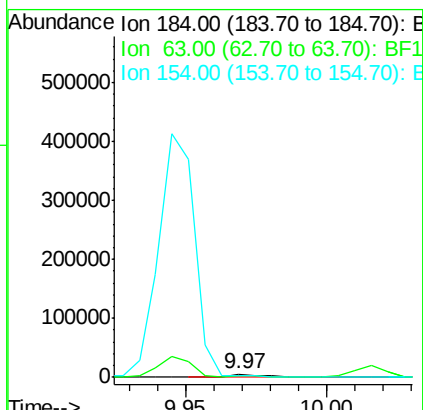
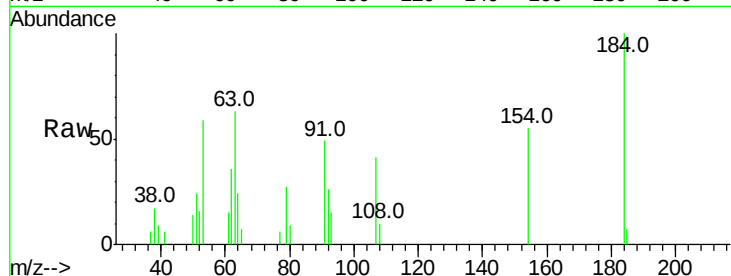




#53
2,4-Dinitrophenol
Concen: 14.291 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

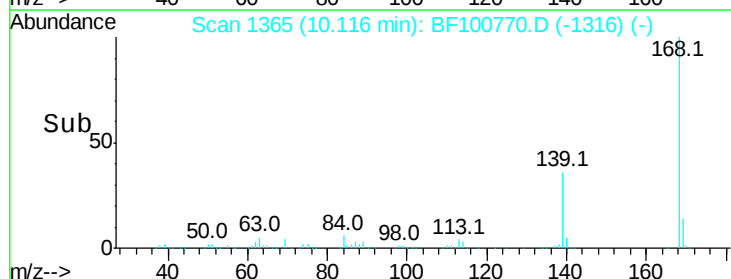
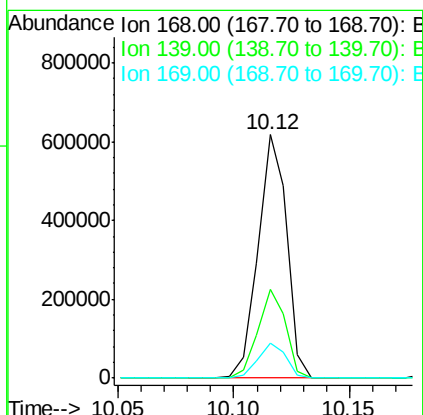
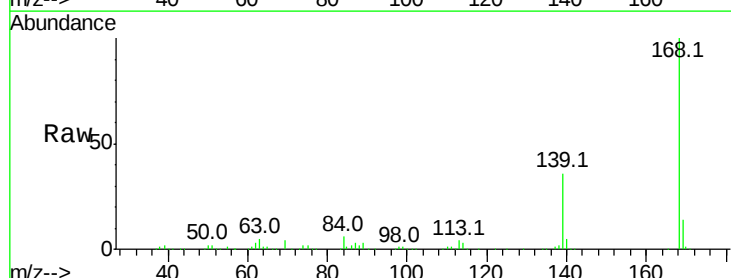
Instrument :
BNA_F
ClientSampleId :

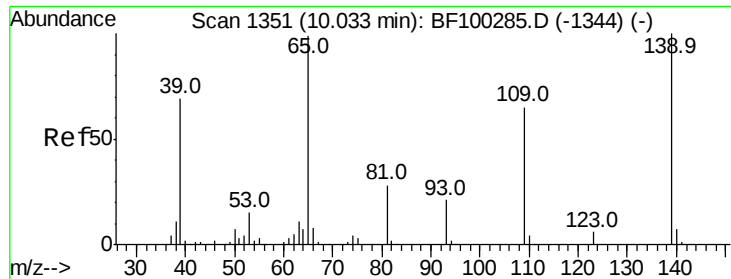
Tot Ion:184 Resp: 4773
Ion Ratio Lower Upper
184 100
63 62.8 54.2 81.2
154 55.5 184.0 276.0#



#54
Dibenzofuran
Concen: 40.730 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:168 Resp: 534866
Ion Ratio Lower Upper
168 100
139 36.4 30.1 45.1
169 14.3 10.9 16.3

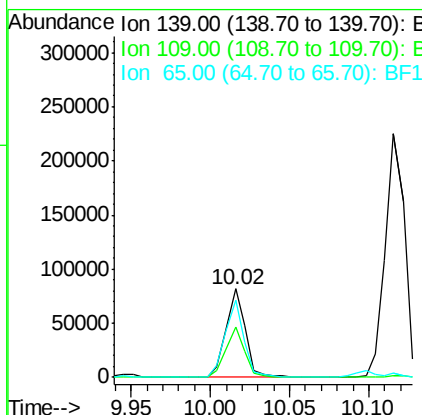
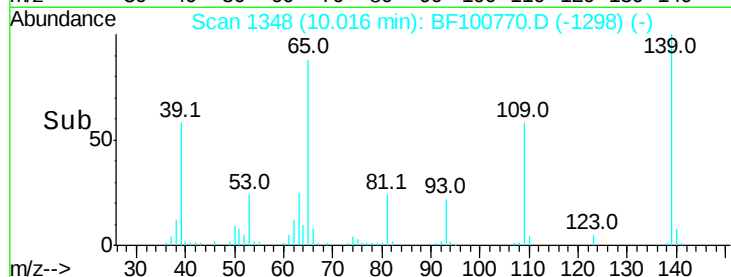
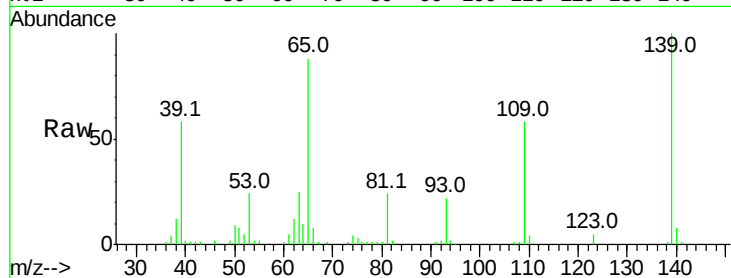




#55
4-Nitrophenol
Concen: 32.272 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

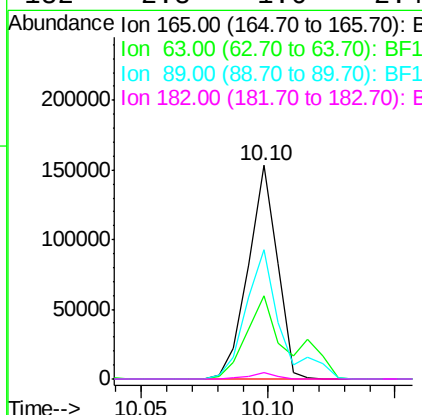
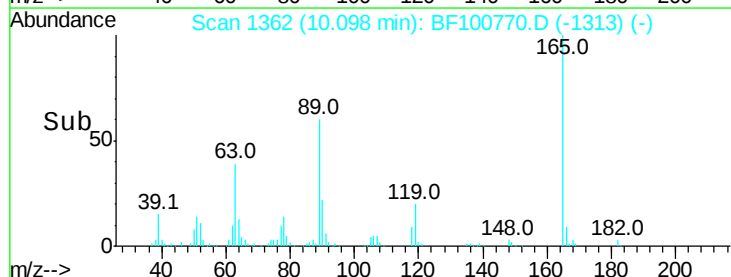
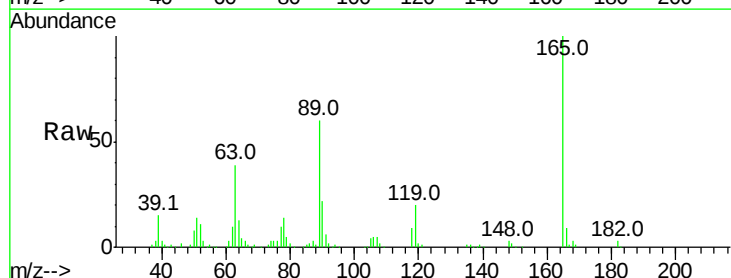
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 69288
Ion Ratio Lower Upper
139 100
109 57.7 48.4 88.4
65 87.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.473 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:165 Resp: 122802
Ion Ratio Lower Upper
165 100
63 38.7 36.4 54.6
89 60.3 57.8 86.6
182 2.8 1.6 2.4#

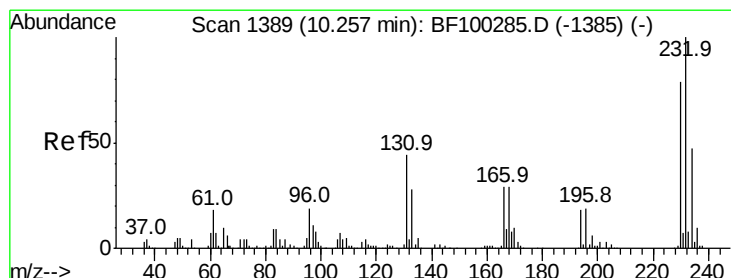
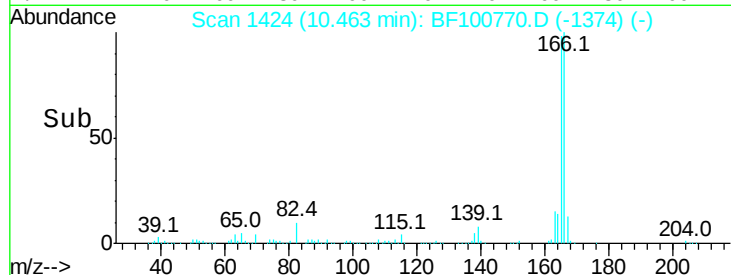
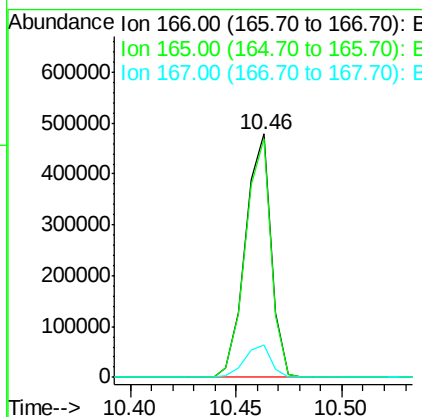
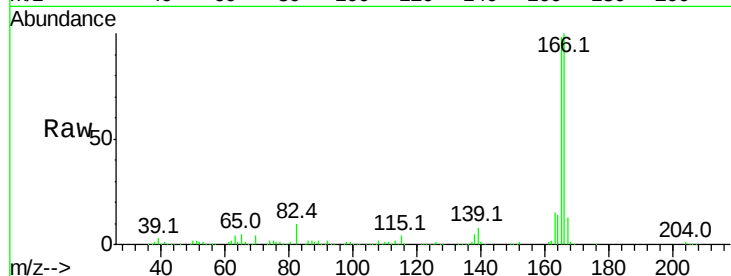




#57
 Fluorene
 Concen: 42.134 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

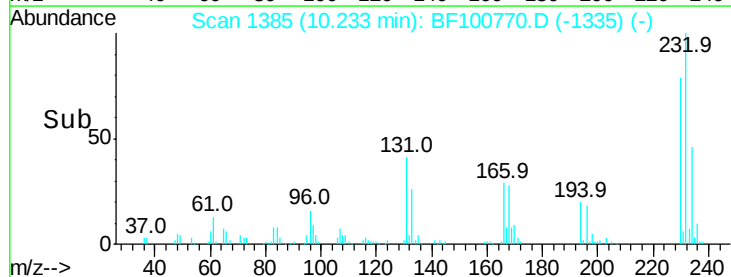
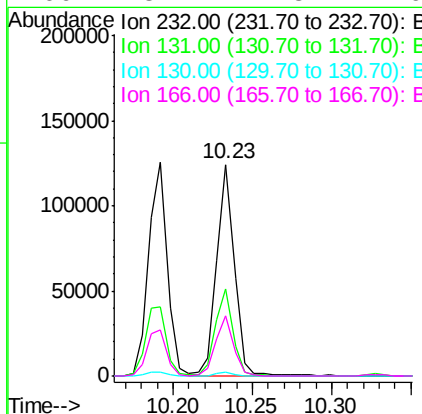
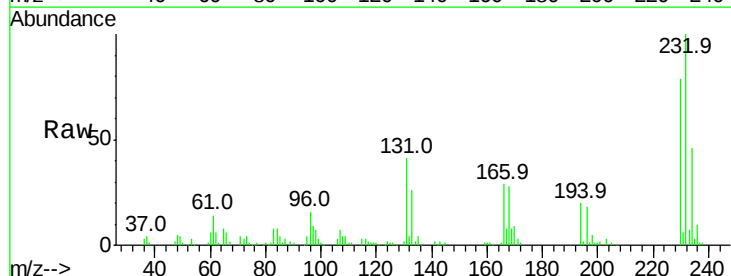
Instrument :
 BNA_F
 ClientSampleId :

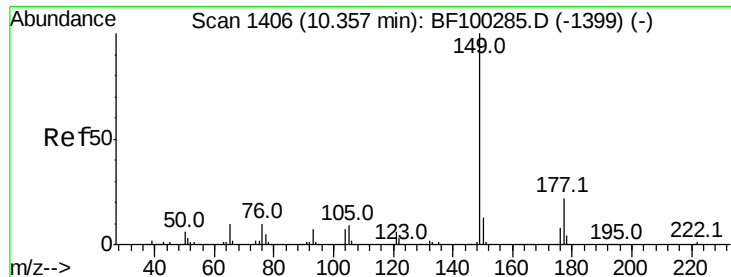
Tot Ion:166 Resp: 405332
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.890 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion:232 Resp: 97551
 Ion Ratio Lower Upper
 232 100
 131 40.8 43.8 65.8#
 130 1.9 2.1 3.1#
 166 28.7 27.8 41.6

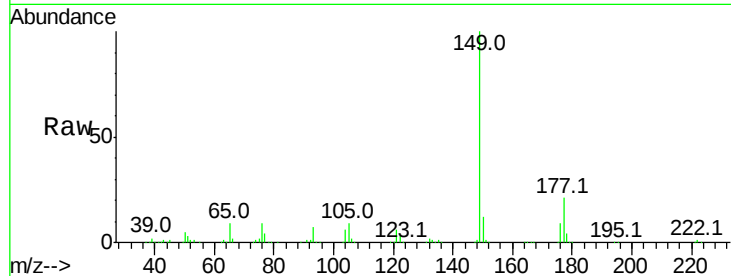




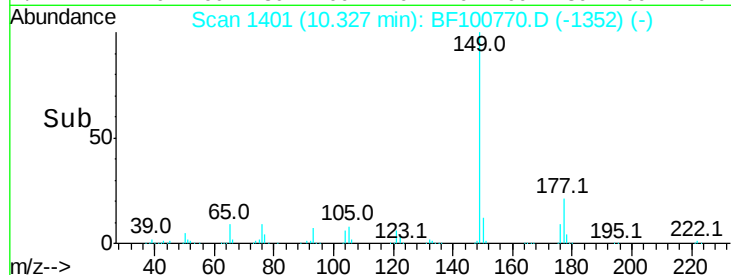
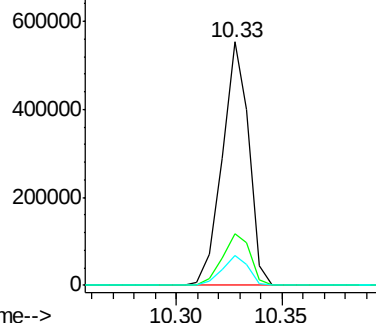
#59
Diethylphthalate
Concen: 42.546 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 481633
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.1 10.1 15.1

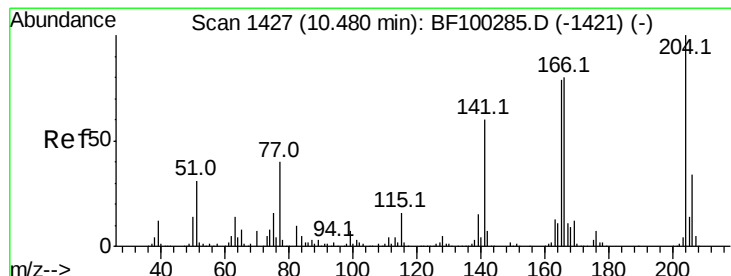


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

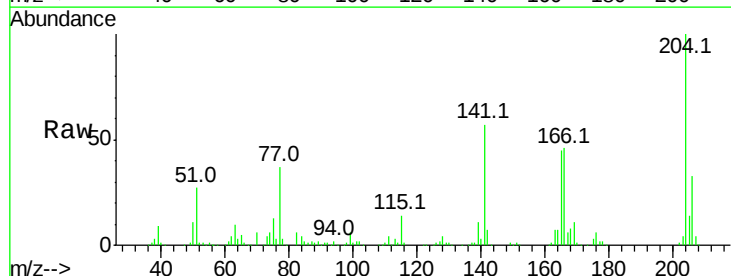
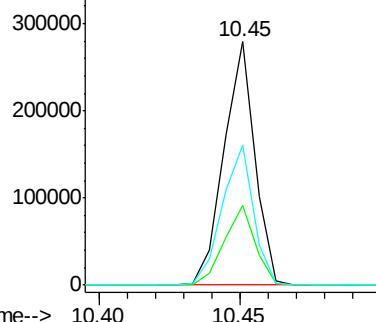


#60
4-Chlorophenyl-phenylether
Concen: 45.042 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:204 Resp: 212564
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 57.4 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

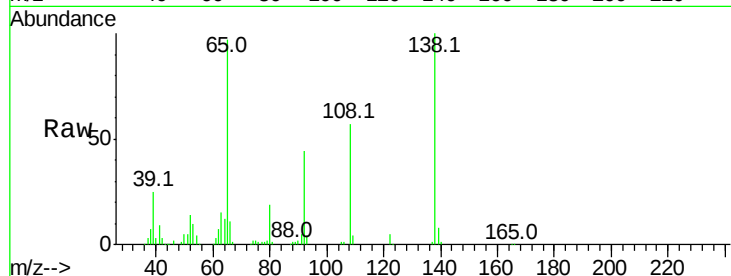




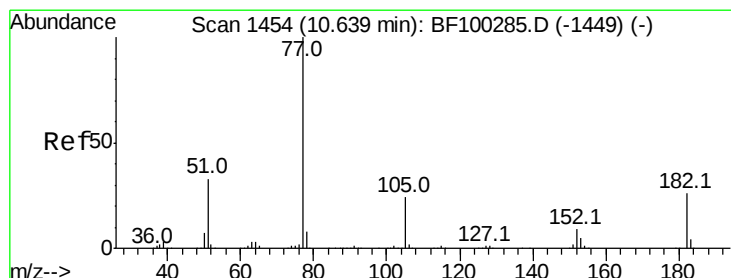
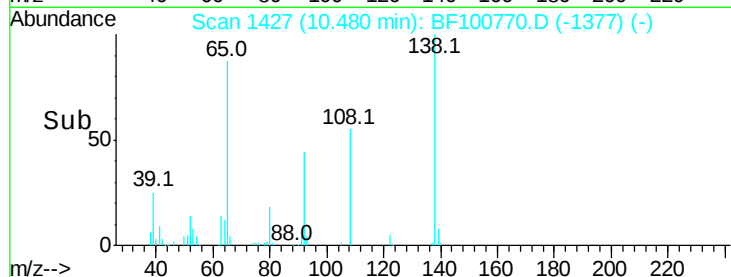
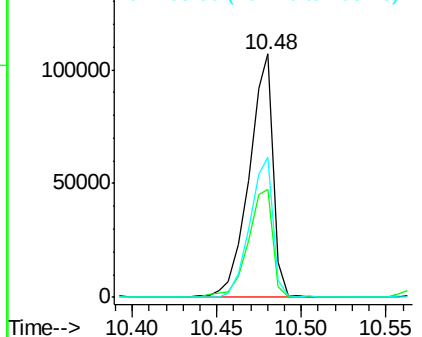
#61
4-Nitroaniline
Concen: 42.621 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 106859
Ion Ratio Lower Upper
138 100
92 44.3 30.2 70.2
108 57.4 52.5 92.5

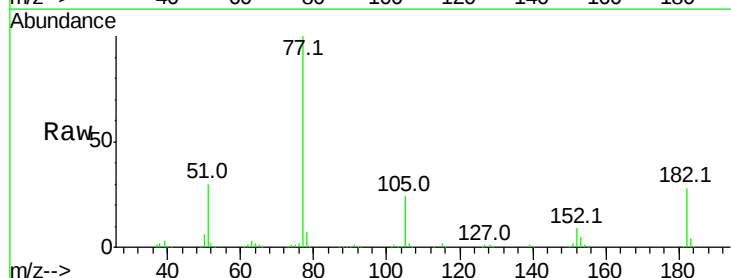


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

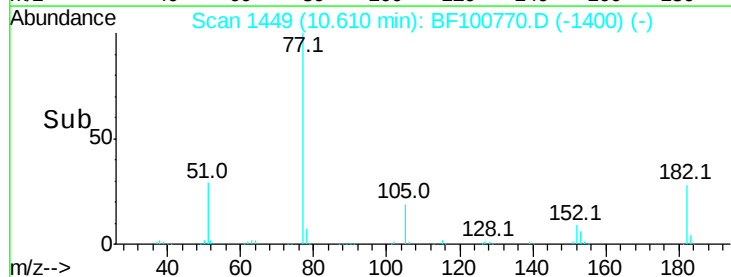
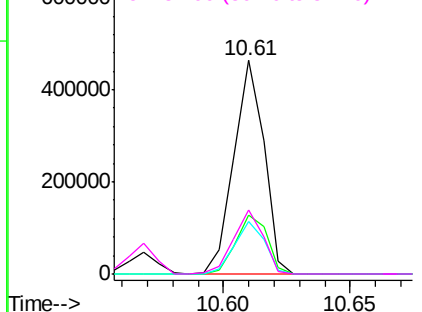


#62
Azobenzene
Concen: 35.939 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion: 77 Resp: 383180
Ion Ratio Lower Upper
77 100
182 27.7 1.7 41.7
105 24.4 3.0 43.0
51 29.8 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

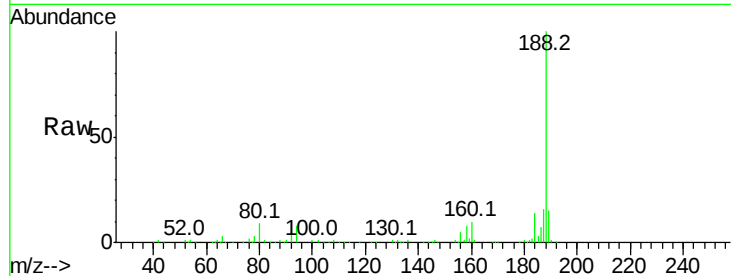
Tot Ion:188 Resp: 232692

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

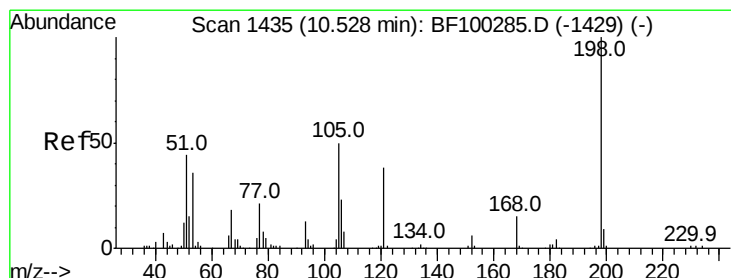
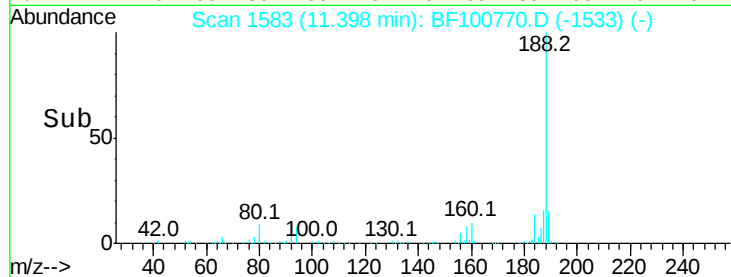
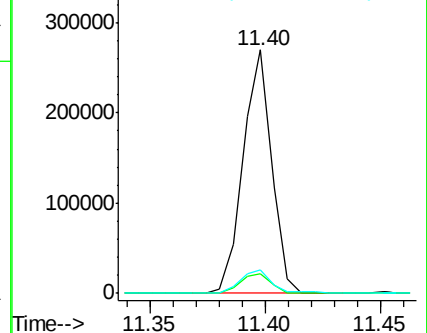
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 16.964 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

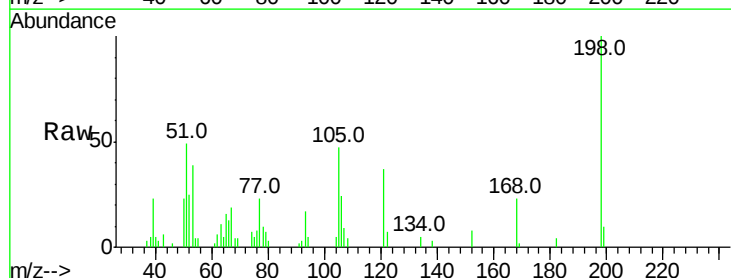
Tgt Ion:198 Resp: 12006

Ion Ratio Lower Upper

198 100

51 48.6 37.7 77.7

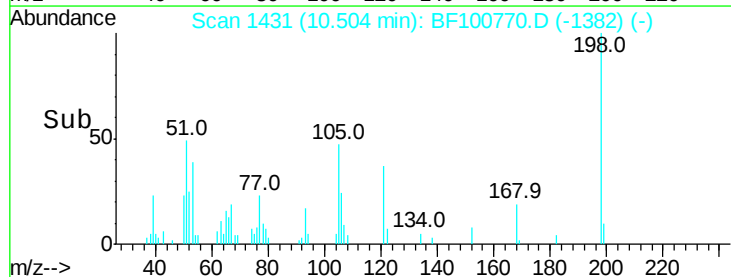
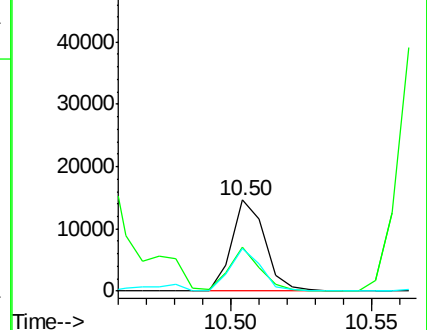
105 46.9 36.3 76.3

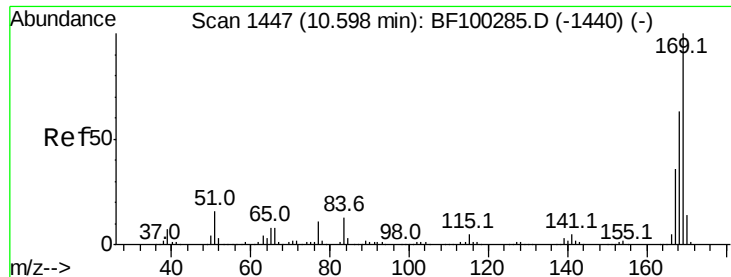


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

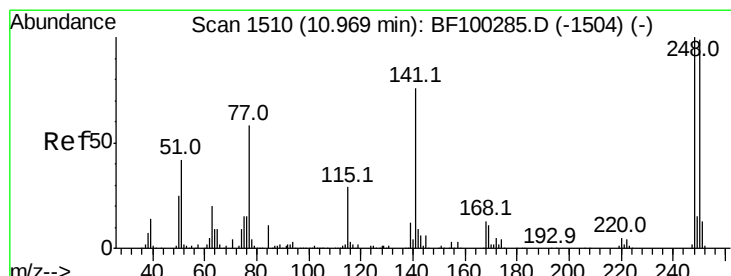
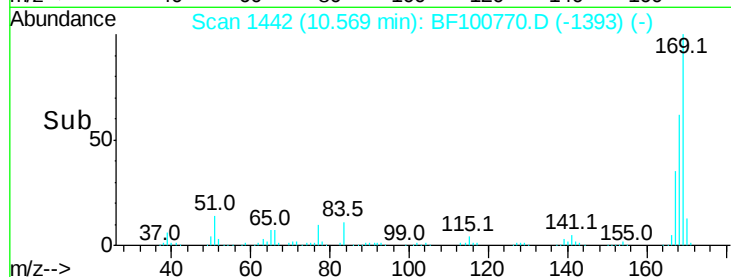
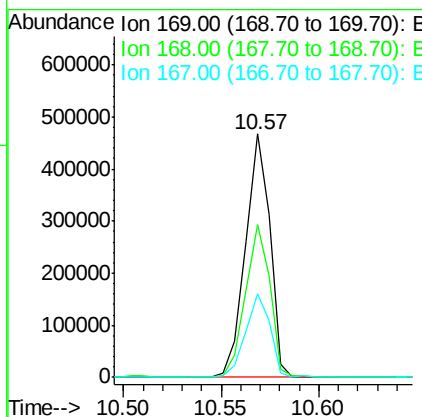
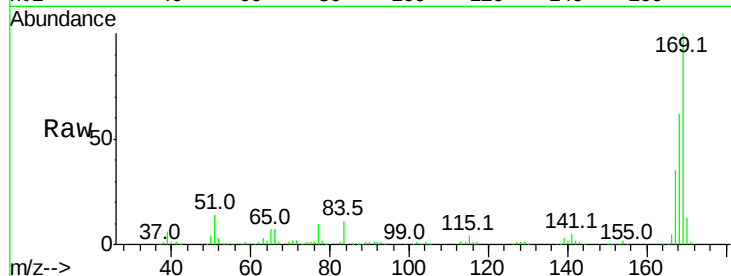




#65
 n-Nitrosodiphenylamine
 Concen: 50.035 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

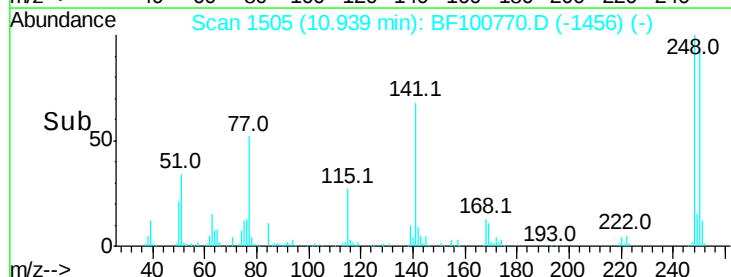
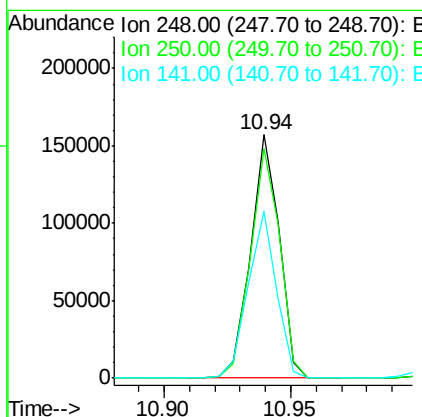
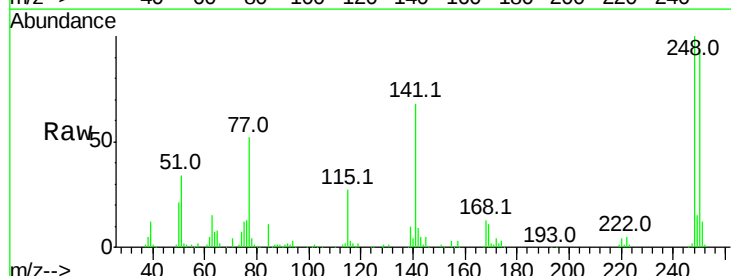
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 404830
 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: 49.794 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion:248 Resp: 124207
 Ion Ratio Lower Upper
 248 100
 250 94.2 76.9 115.3
 141 68.5 74.4 111.6#

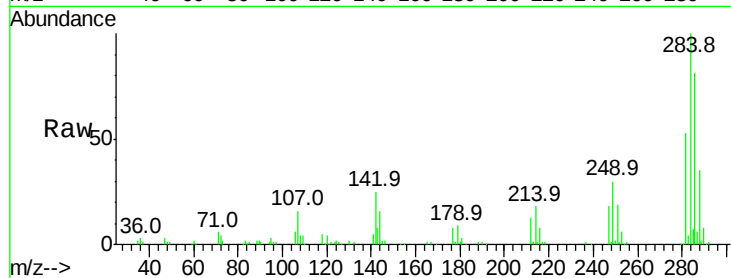




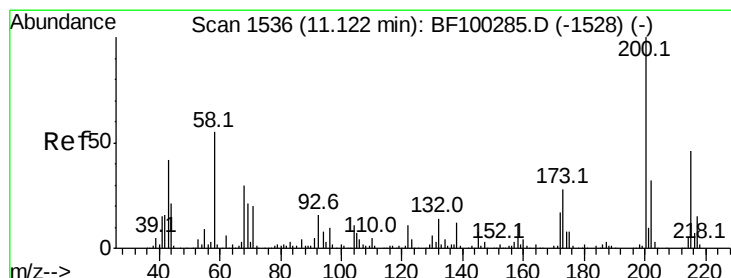
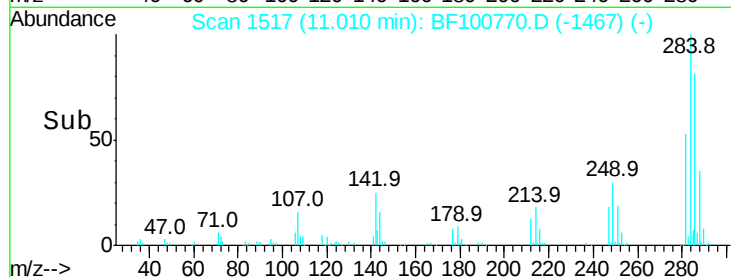
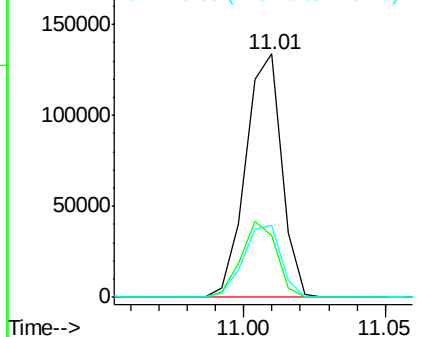
#67
Hexachlorobenzene
Concen: 45.482 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 118658
Ion Ratio Lower Upper
284 100
142 25.3 34.6 52.0#
249 29.8 24.8 37.2

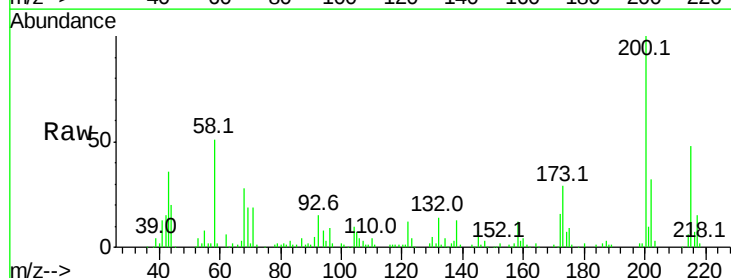


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

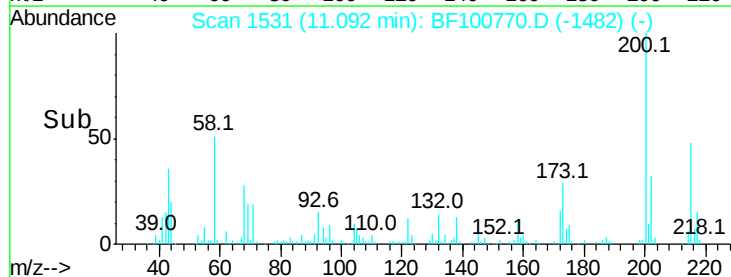
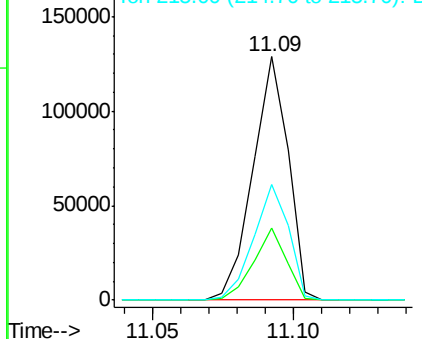


#68
Atrazine
Concen: 45.513 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:200 Resp: 111469
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 47.6 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

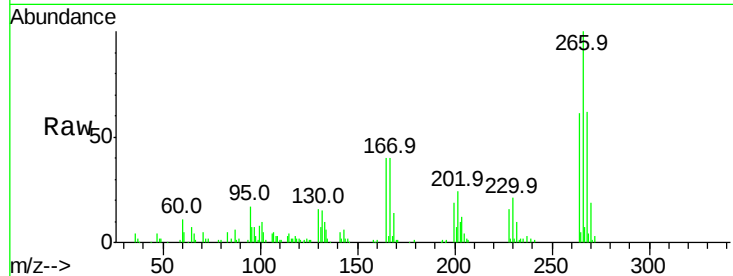




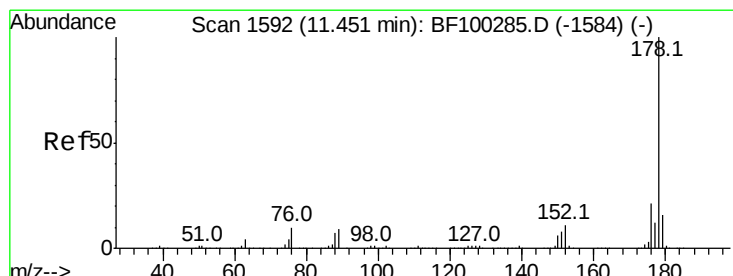
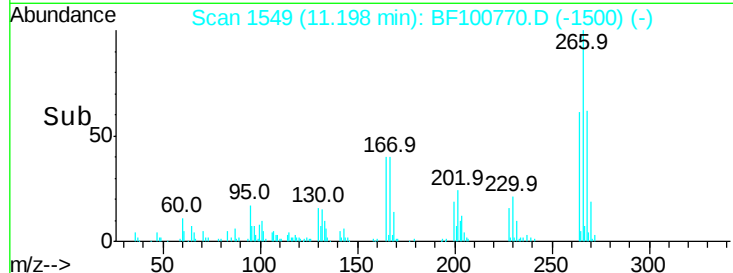
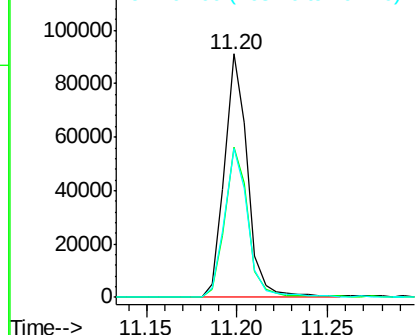
#69
 Pentachlorophenol
 Concen: 43.416 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	61.1	49.5	74.3

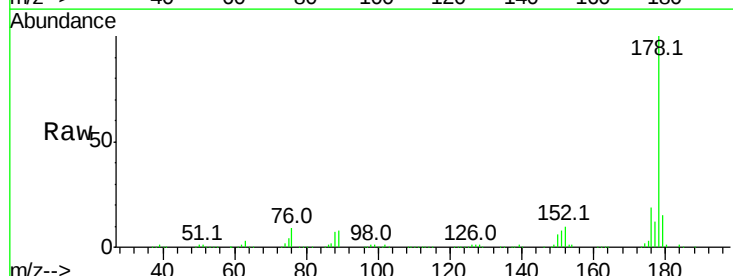


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

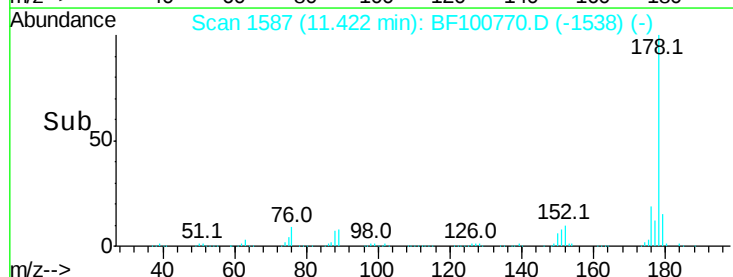
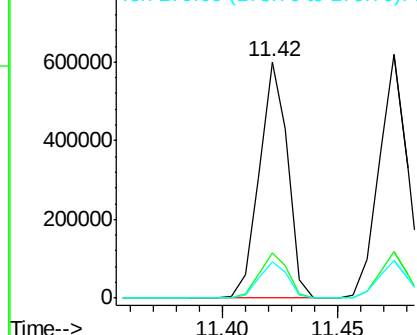


#70
 Phenanthrene
 Concen: 41.788 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.3	13.0	19.6



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

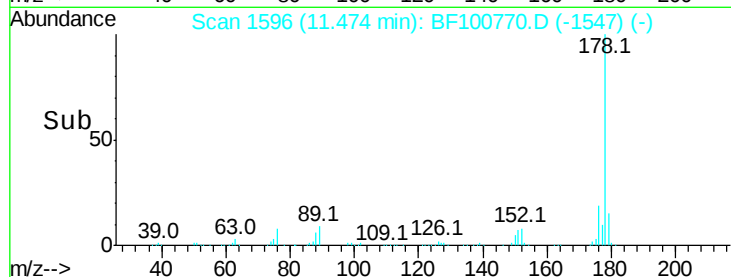
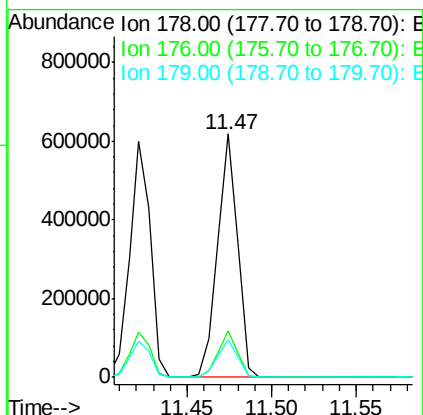
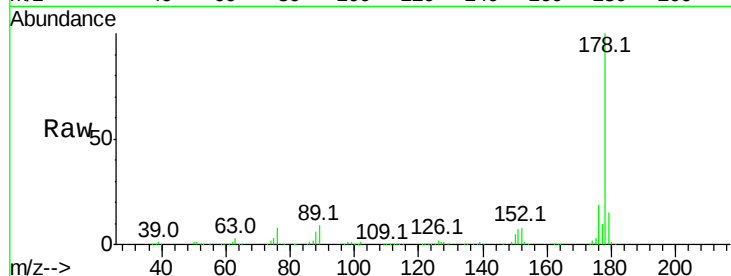




#71
 Anthracene
 Concen: 41.604 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

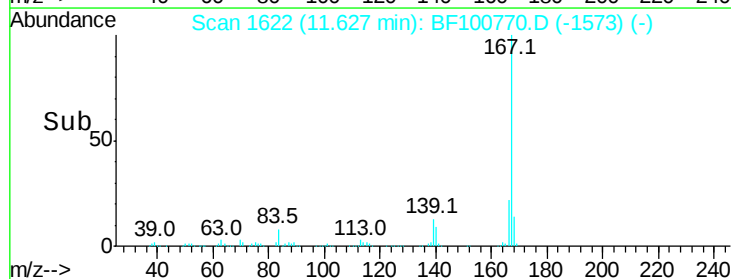
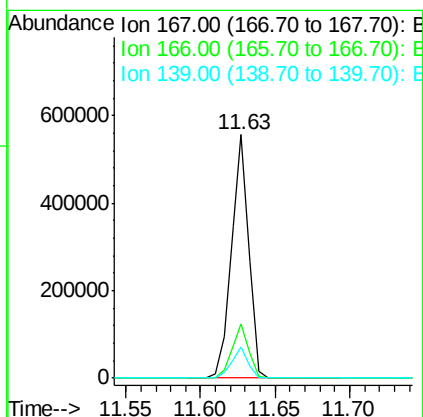
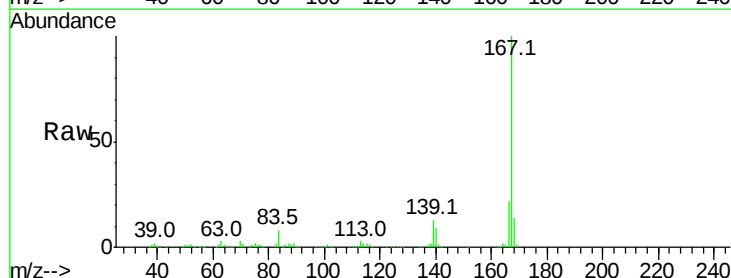
Instrument :
 BNA_F
 ClientSampleId :

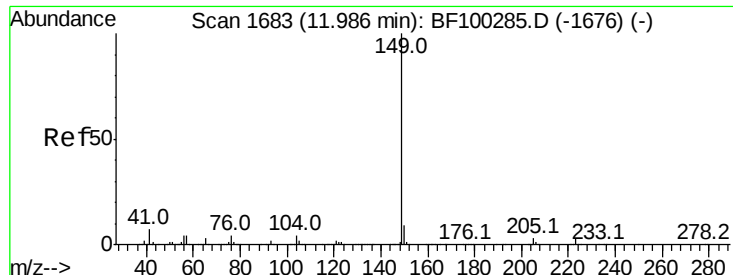
Tot Ion:178 Resp: 517127
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 39.849 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion:167 Resp: 457026
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 48.192 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

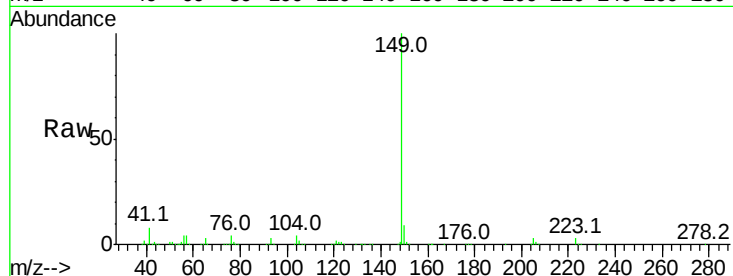
Tot Ion:149 Resp: 646819

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

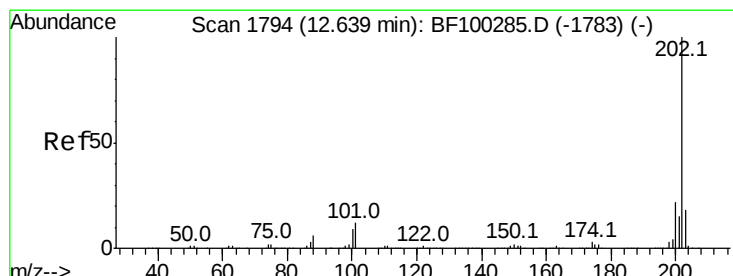
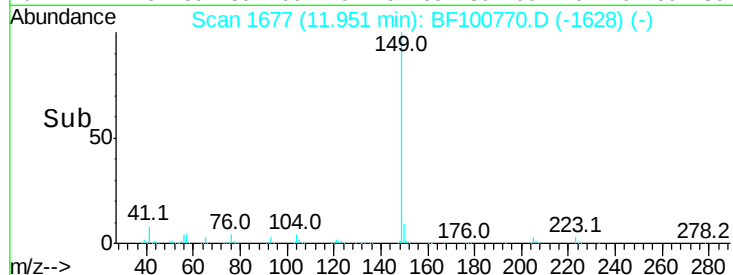
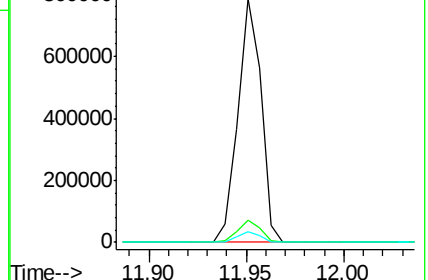
104 4.2 3.8 5.8



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: 38.204 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

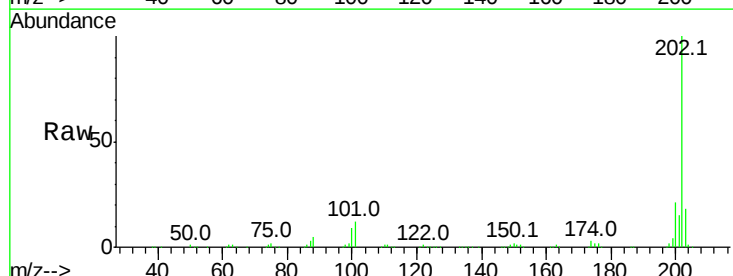
Tgt Ion:202 Resp: 496055

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

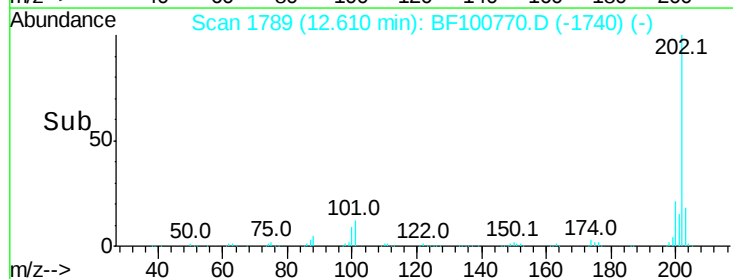
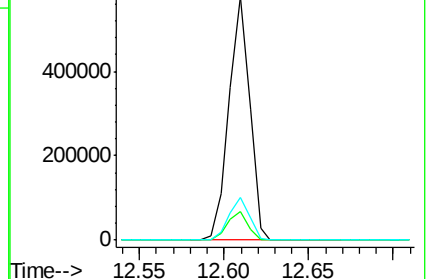
203 17.6 0.0 38.1

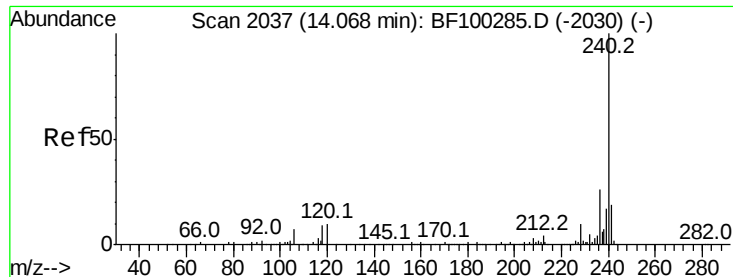


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampleId :

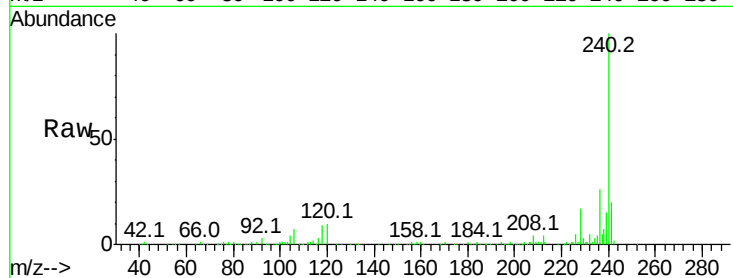
Tot Ion:240 Resp: 191128

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

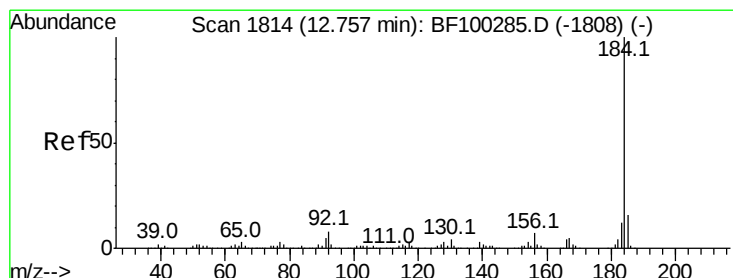
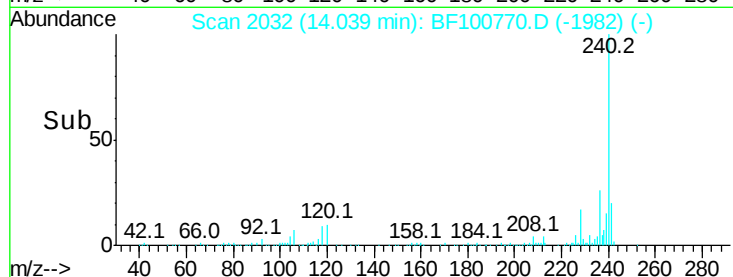
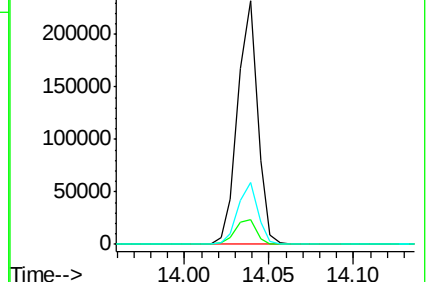
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.841 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

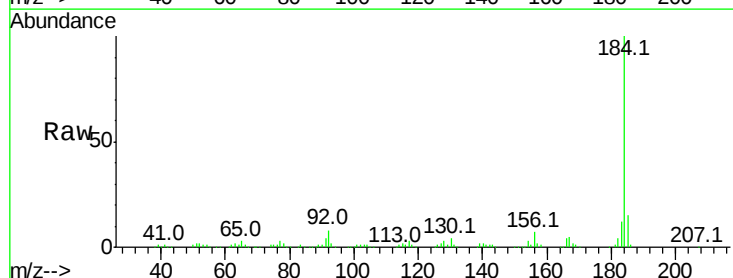
Tgt Ion:184 Resp: 289643

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

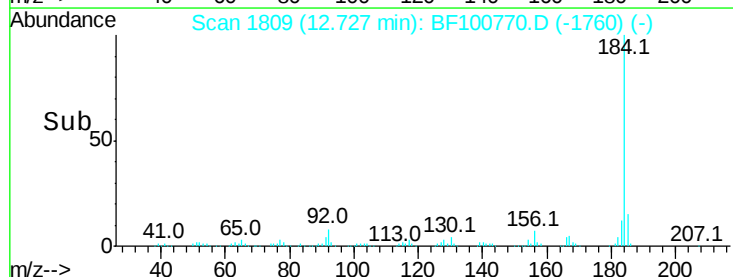
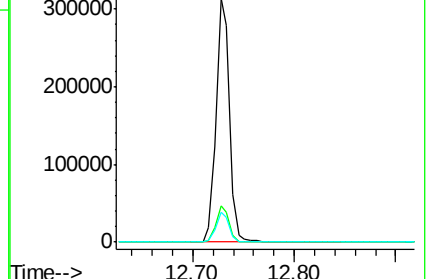
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

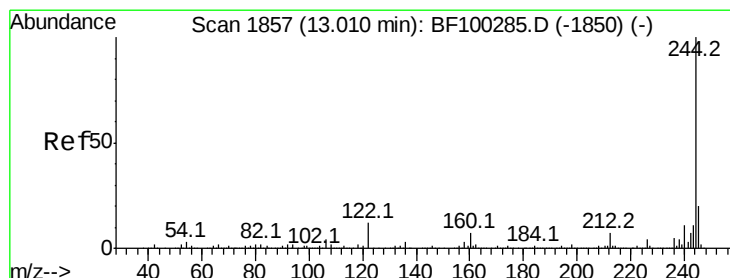
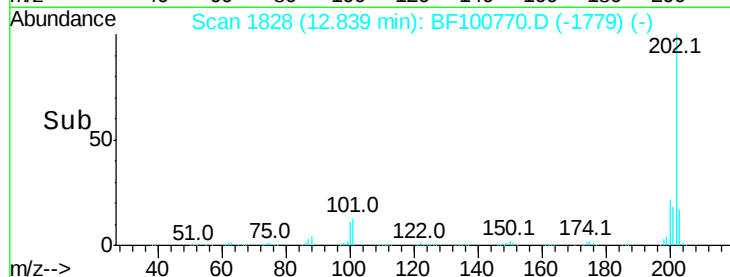
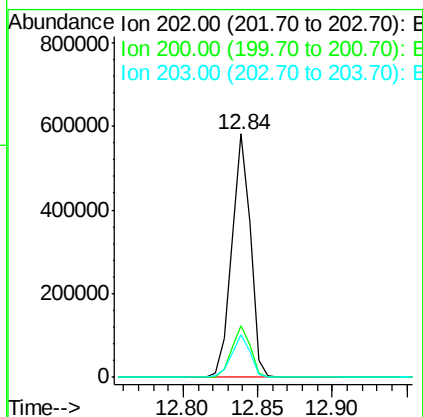
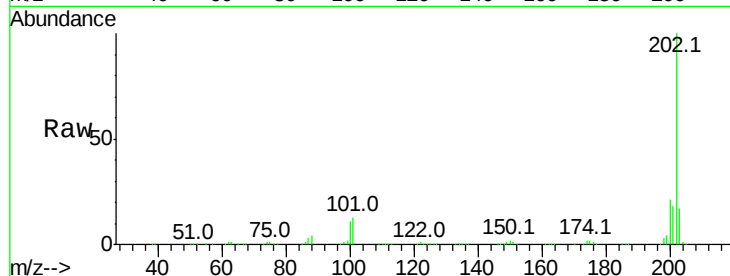




#77
Pvrene
Concen: 37.946 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

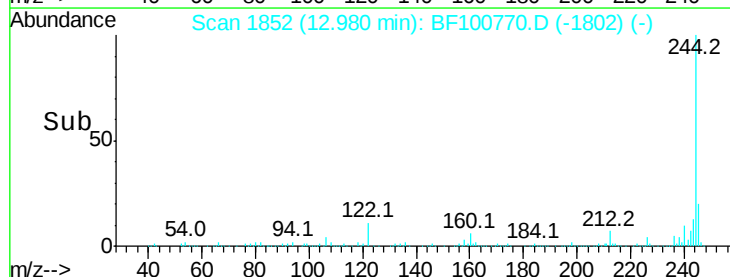
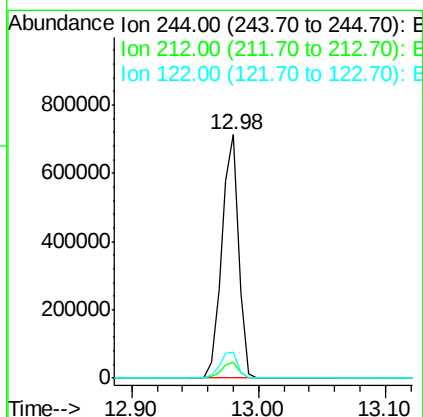
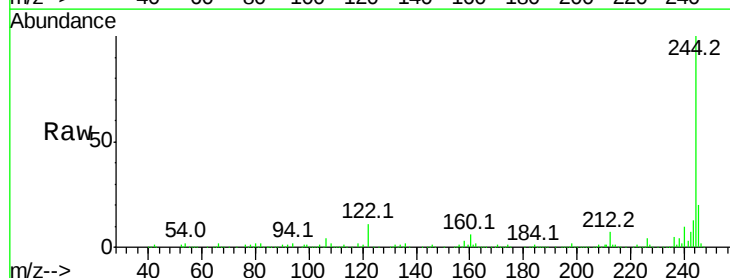
Instrument :
BNA_F
ClientSampleId :

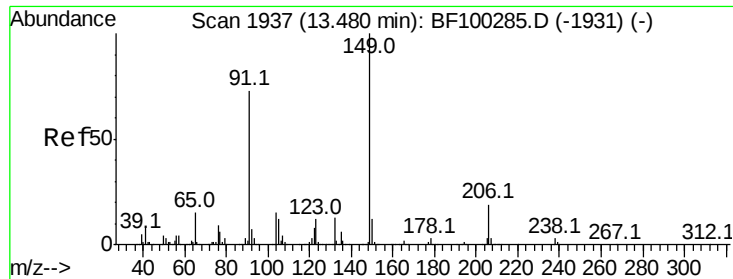
Tot Ion:202 Resp: 516988
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.3 14.3 21.5



#78
Terphenyl-d14
Concen: 79.247 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:244 Resp: 659196
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 10.5 11.0 16.4#

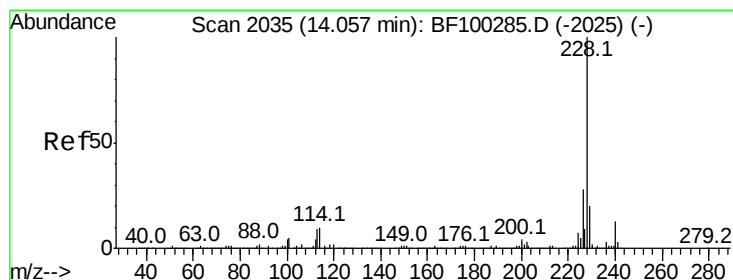
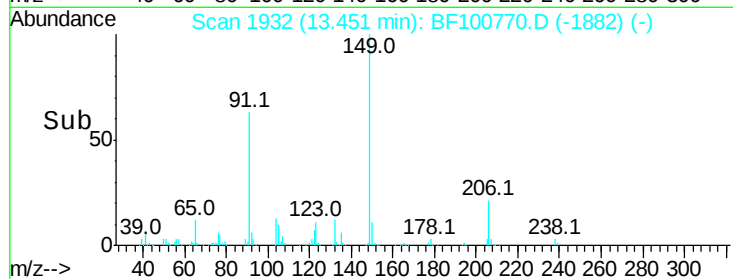
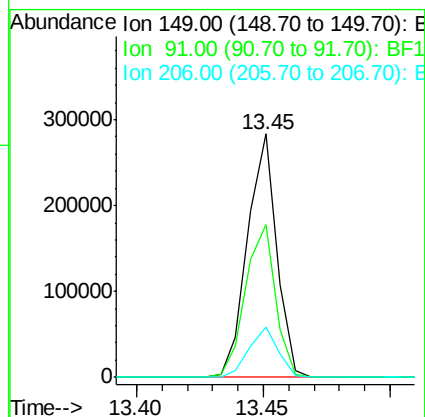
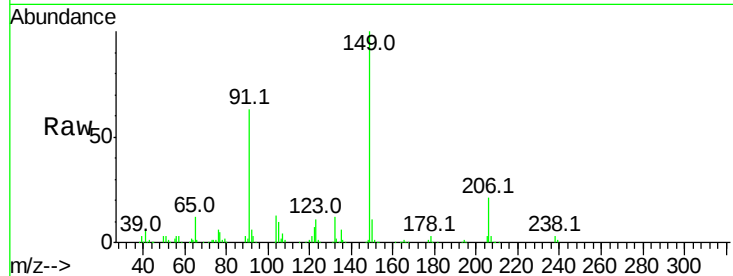




#79
Butylbenzylphthalate
Concen: 40.831 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

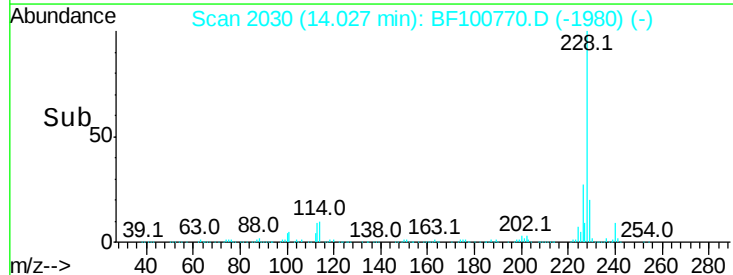
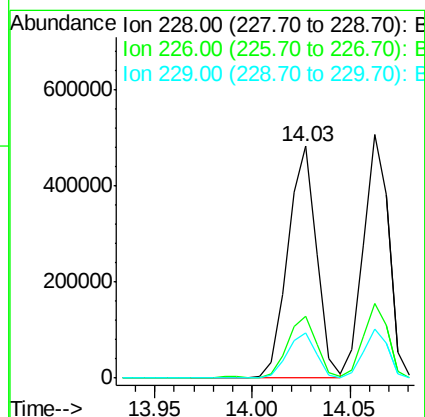
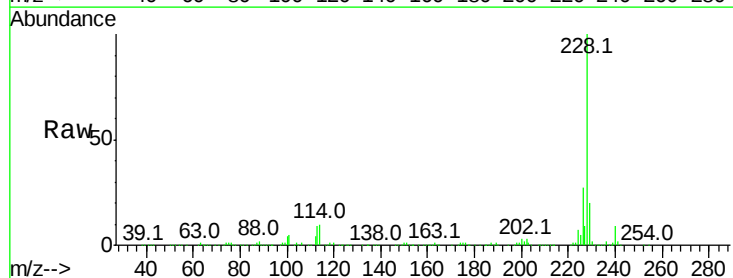
Instrument :
BNA_F
ClientSampleId :

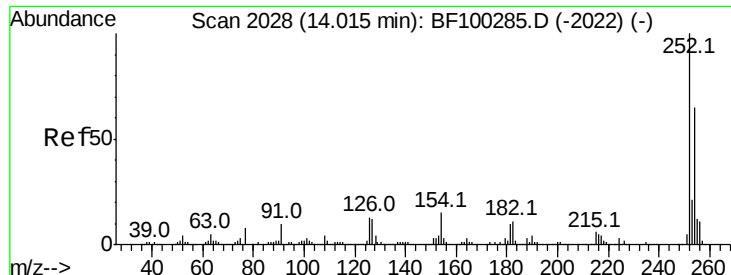
Tot Ion:149 Resp: 226866
Ion Ratio Lower Upper
149 100
91 62.9 56.8 85.2
206 20.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.536 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:228 Resp: 489571
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 19.7 15.8 23.6

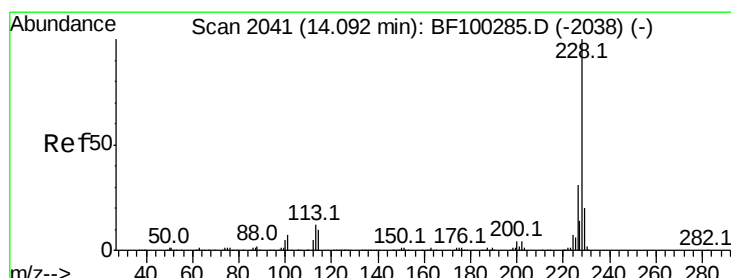
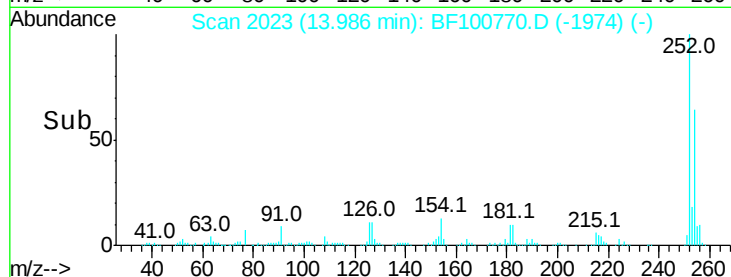
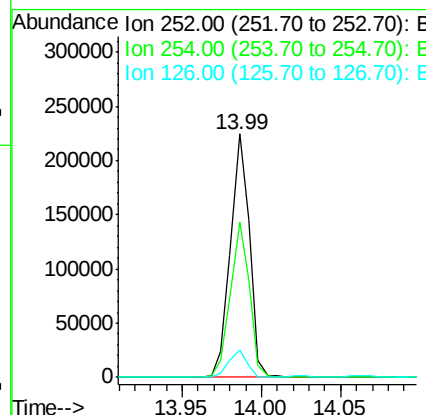
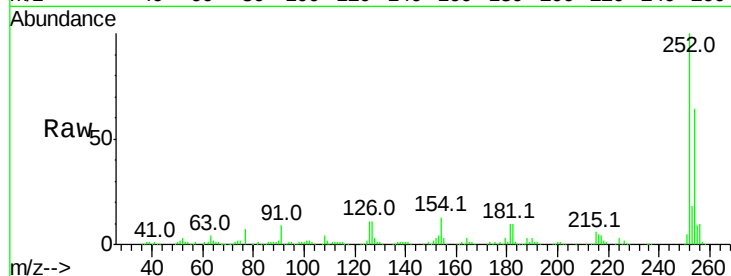




#81
 3,3'-Dichlorobenzidine
 Concen: 45.288 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

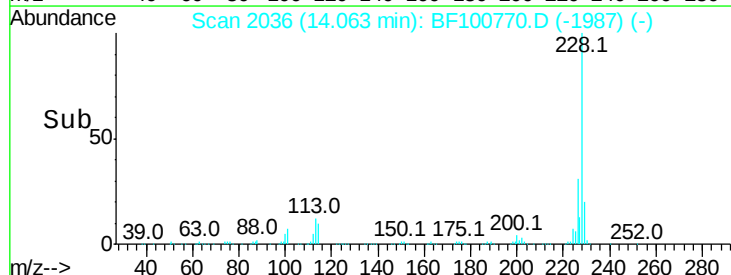
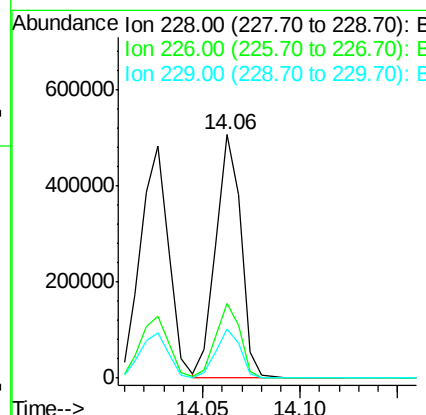
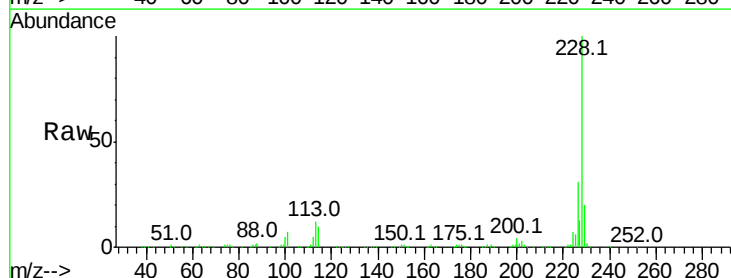
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	11.2	11.3	16.9#



#82
 Chrysene
 Concen: 40.716 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.9	16.2	24.4

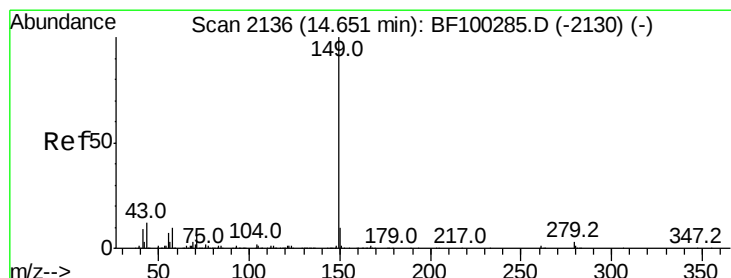
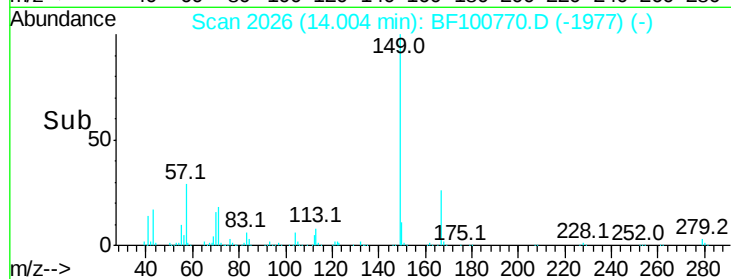
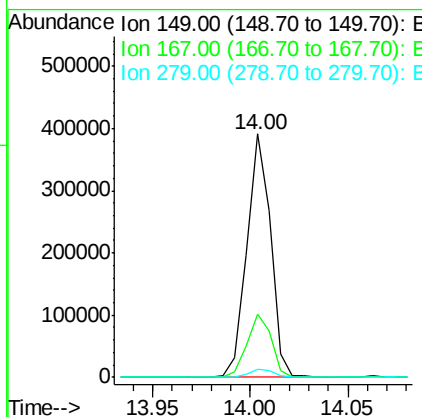
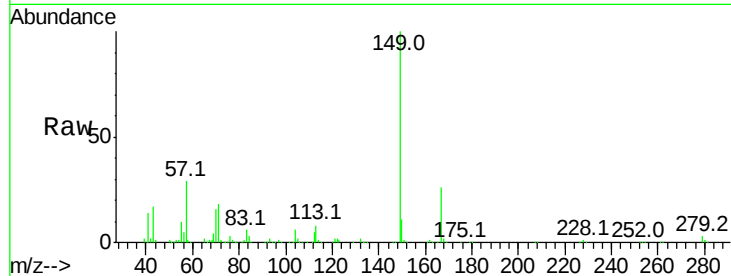




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.126 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

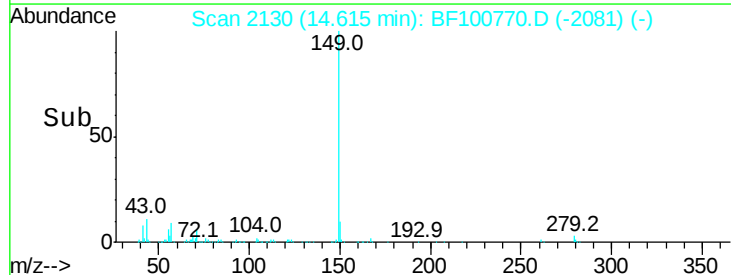
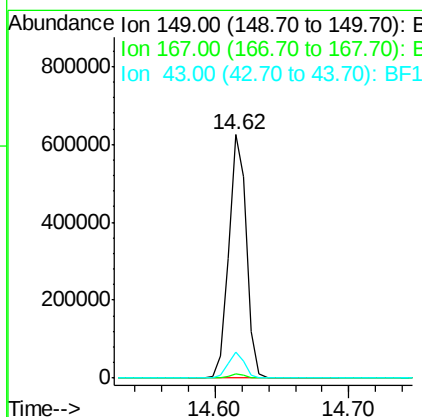
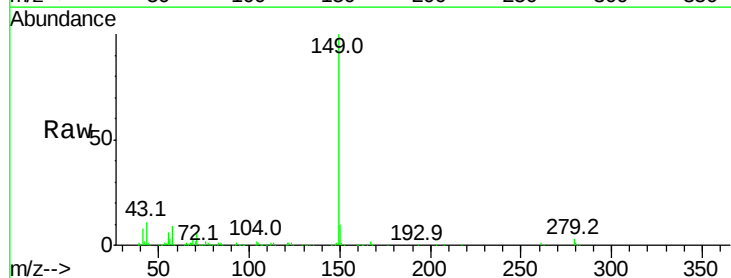
Instrument :
 BNA_F
 ClientSampleId :

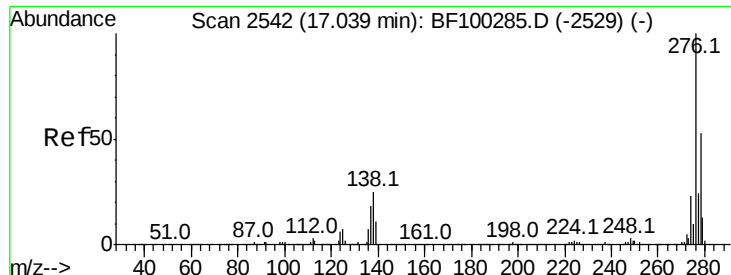
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 46.240 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6

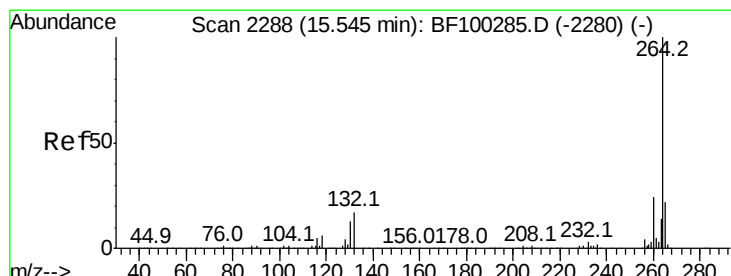
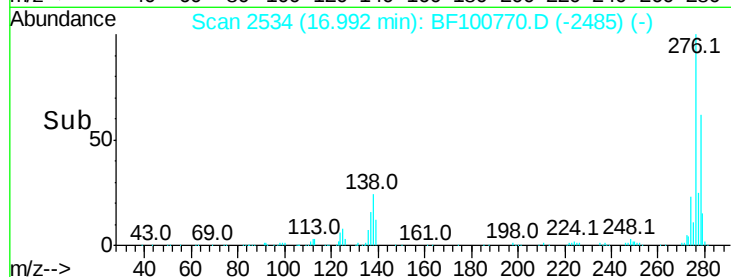
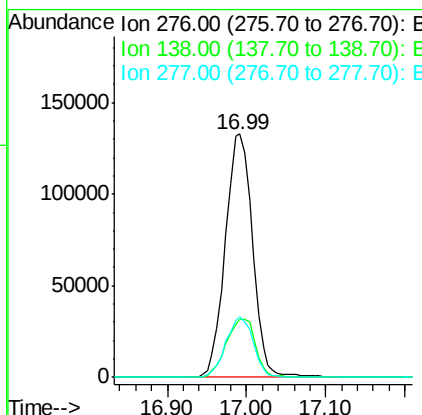
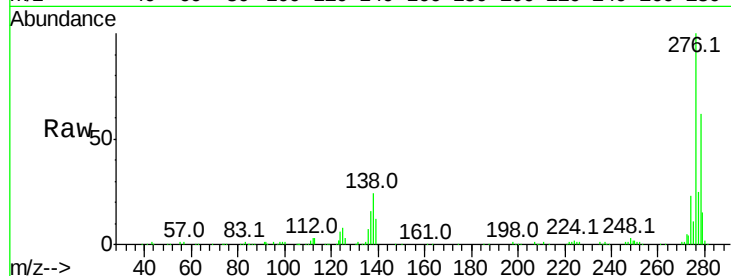




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.177 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

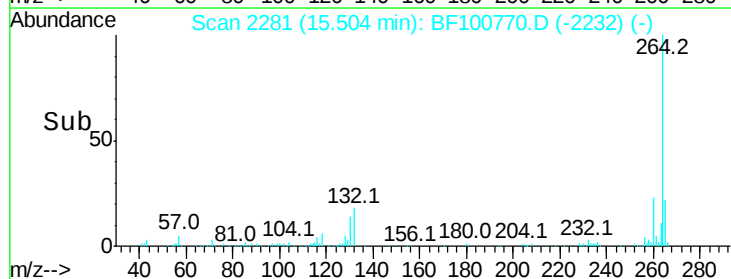
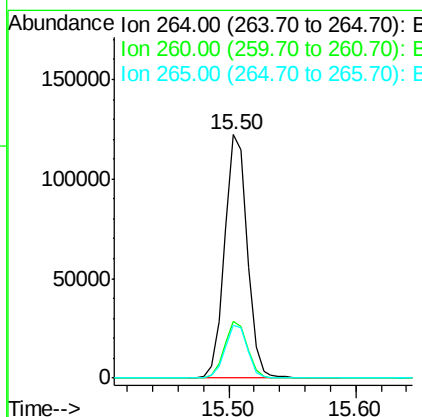
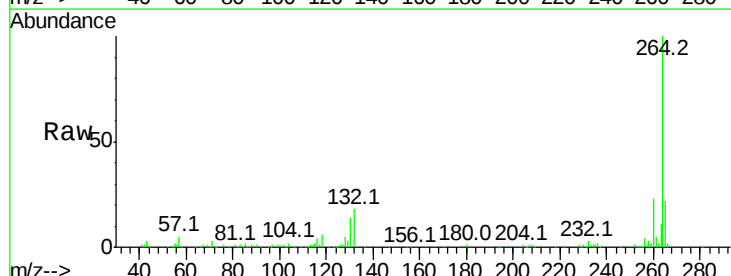
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.756 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

Instrument :

BNA_F

ClientSampled :

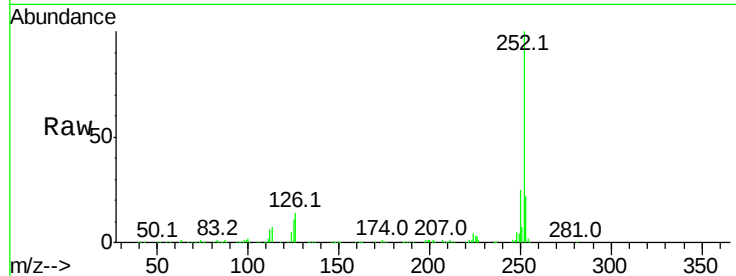
Tot Ion:252 Resp: 408840

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

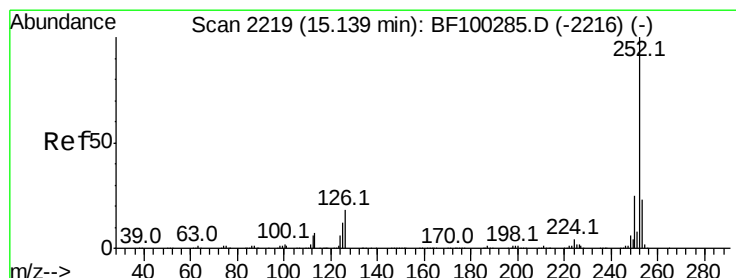
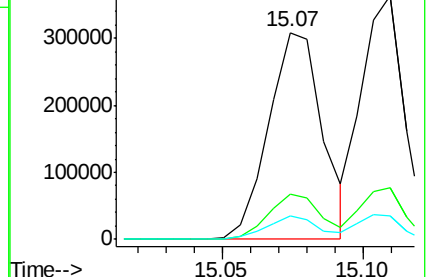
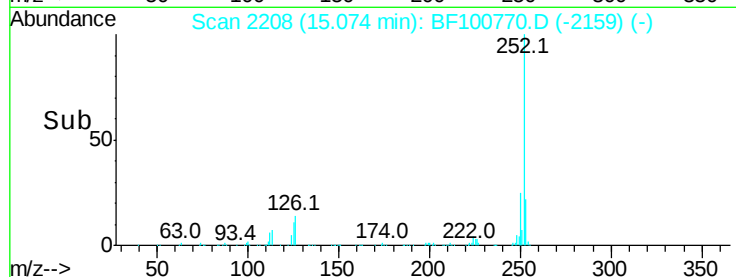
125 11.1 9.0 13.6



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: 48.426 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.04 min

Lab File: BF100770.D

Acq: 21 Nov 2017 10:08

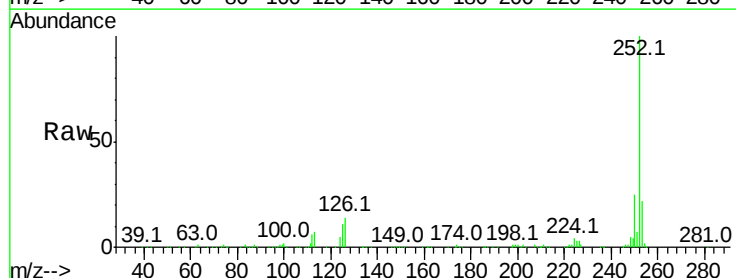
Tgt Ion:252 Resp: 408840

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

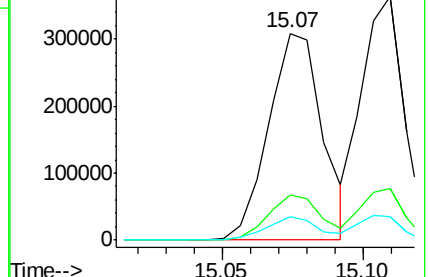
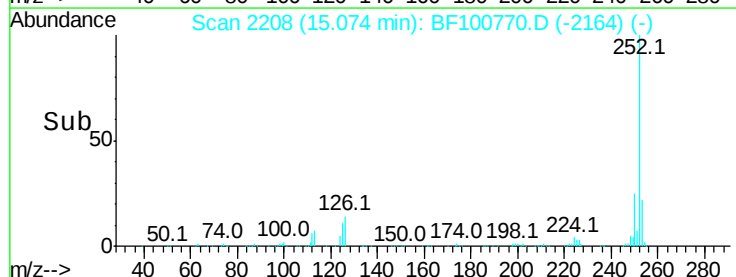
125 11.1 10.2 15.2



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

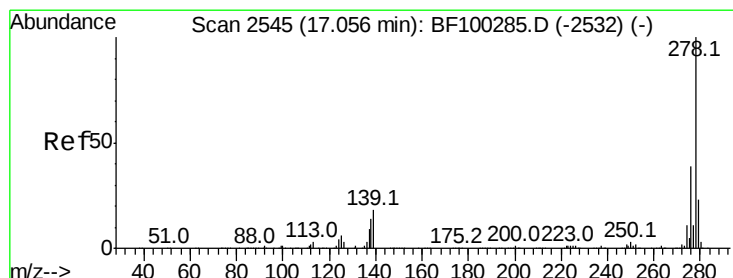
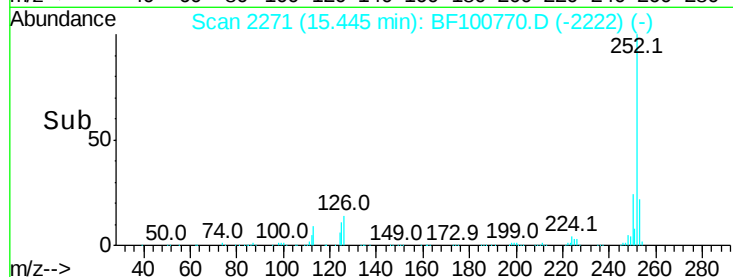
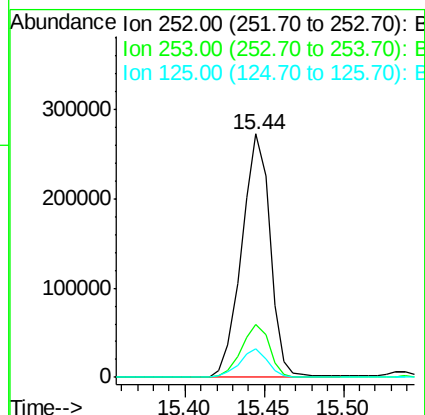
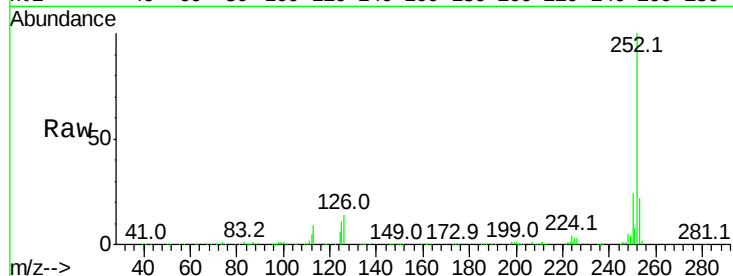




#89
Benzo(a)pyrene
Concen: 42.877 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

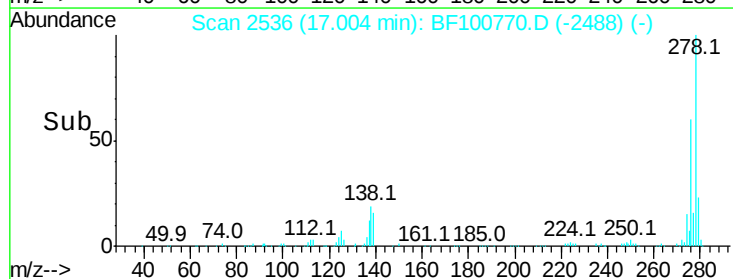
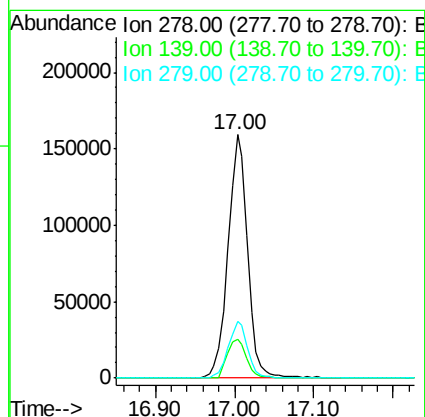
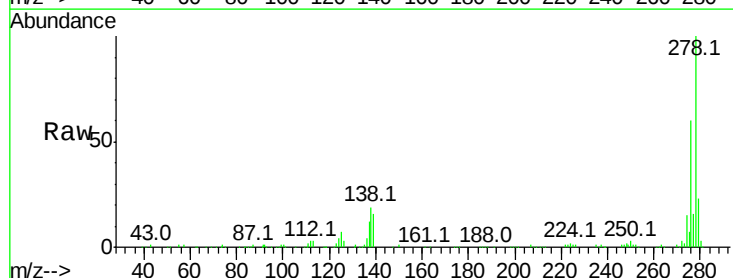
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 339647
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 11.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.986 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF100770.D
Acq: 21 Nov 2017 10:08

Tgt Ion:278 Resp: 271993
Ion Ratio Lower Upper
278 100
139 15.8 15.9 23.9#
279 23.4 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.313 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF100770.D
 Acq: 21 Nov 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	21.7	21.8	32.8

