

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101301.D
 Acq On : 11 Dec 2017 20:29
 Operator : SJ/JU
 Sample : I6764-08MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 23:45:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45048	20.00	ng	0.01
21) Naphthalene-d8	8.12	136	175910	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	74807	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	122900	20.00	ng	0.00
75) Chrysene-d12	14.02	240	94481	20.00	ng	0.01
86) Perylene-d12	15.49	264	79262	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	404428	148.35	ng	0.02
7) Phenol-d6	6.48	99	485759	146.76	ng	0.02
23) Nitrobenzene-d5	7.40	82	295573	100.23	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	105989	117.94	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	572718	104.75	ng	0.00
78) Terphenyl-d14	12.95	244	425126	98.42	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	45497	40.359	ng	97
3) Pyridine	3.40	79	122224	41.824	ng	93
4) n-Nitrosodimethylamine	3.37	42	72543	50.825	ng	# 88
6) Aniline	6.50	93	139228	32.349	ng	98
8) 2-Chlorophenol	6.62	128	149348	50.244	ng	98
9) Benzaldehyde	6.39	77	44391	21.913	ng	95
10) Phenol	6.49	94	190576	51.783	ng	81
11) bis(2-Chloroethyl)ether	6.57	93	134676	48.787	ng	99
12) 1,3-Dichlorobenzene	6.77	146	166085	47.986	ng	96
13) 1,4-Dichlorobenzene	6.85	146	170757	47.652	ng	97
14) 1,2-Dichlorobenzene	7.00	146	159928	47.848	ng	97
15) Benzyl Alcohol	6.98	79	123594	48.348	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	208818	55.650	ng	79
17) 2-Methylphenol	7.09	107	119331	49.718	ng	# 94
18) Hexachloroethane	7.34	117	46670	40.538	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	100630	45.145	ng	96
20) 3+4-Methylphenols	7.25	107	154119	49.236	ng	# 68
22) Acetophenone	7.25	105	195252	45.943	ng	# 87
24) Nitrobenzene	7.42	77	147490	51.032	ng	100
25) Isophorone	7.66	82	266376	52.884	ng	98
26) 2-Nitrophenol	7.73	139	69541	43.832	ng	99
27) 2,4-Dimethylphenol	7.77	122	131221	57.175	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	168746	49.845	ng	98
29) 2,4-Dichlorophenol	7.98	162	126751	50.737	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	134689	49.031	ng	97
31) Naphthalene	8.14	128	417345	48.138	ng	100
32) Benzoic acid	7.88	122	14566	8.160	ng	92
33) 4-Chloroaniline	8.19	127	84130	24.151	ng	96
34) Hexachlorobutadiene	8.25	225	81143	48.161	ng	98
35) Caprolactam	8.57	113	27044	34.736	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	126690	48.957	ng	95
37) 2-Methylnaphthalene	8.83	142	281361	47.762	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	125224	46.079	ng	# 96
40) Hexachlorocyclopentadiene	8.97	237	3900	11.707	ng	96

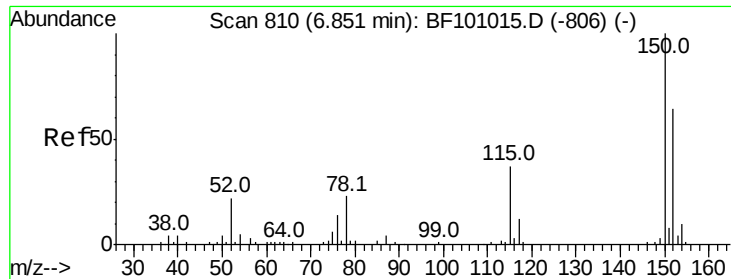
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101301.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	83934	52.687	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	85682	50.309	nq	93
45) 1,1'-Biphenyl	9.29	154	322758	47.092	nq	98
46) 2-Chloronaphthalene	9.32	162	254386	52.263	nq	97
47) 2-Nitroaniline	9.42	65	75319	52.301	nq	97
48) Acenaphthylene	9.74	152	375590	46.954	nq	99
49) Dimethylphthalate	9.59	163	349888	57.996	nq	100
50) 2,6-Dinitrotoluene	9.67	165	59855	47.104	nq	# 84
51) Acenaphthene	9.91	154	219265	45.777	nq	98
52) 3-Nitroaniline	9.84	138	61037	42.714	nq	93
53) 2,4-Dinitrophenol	9.97	184	1952	7.634	nq	# 13
54) Dibenzofuran	10.08	168	324365	46.992	nq	99
55) 4-Nitrophenol	10.01	139	68460	71.038	nq	96
56) 2,4-Dinitrotoluene	10.08	165	69990	41.100	nq	# 92
57) Fluorene	10.43	166	249118	44.397	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	59400	43.559	nq	# 86
59) Diethylphthalate	10.29	149	286372	48.125	nq	97
60) 4-Chlorophenyl-phenylether	10.41	204	129178	46.627	nq	93
61) 4-Nitroaniline	10.46	138	62172	41.913	nq	90
62) Azobenzene	10.57	77	229943	45.534	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	3454	4.190	nq	86
65) n-Nitrosodiphenylamine	10.53	169	239089	55.143	nq	95
66) 4-Bromophenyl-phenylether	10.90	248	76358	55.507	nq	# 85
67) Hexachlorobenzene	10.98	284	73971	50.172	nq	# 82
68) Atrazine	11.06	200	68984	51.868	nq	96
69) Pentachlorophenol	11.17	266	53043	65.431	nq	96
70) Phenanthrene	11.39	178	320236	47.316	nq	98
71) Anthracene	11.45	178	329831	48.152	nq	98
72) Carbazole	11.60	167	288554	46.106	nq	99
73) Di-n-butylphthalate	11.92	149	392889	50.085	nq	98
74) Fluoranthene	12.59	202	308732	41.152	nq	93
76) Benzidine	12.70	184	180650	58.799	nq	97
77) Pyrene	12.82	202	312566	47.943	nq	99
79) Butylbenzylphthalate	13.42	149	136291	47.416	nq	93
80) Benzo(a)anthracene	14.00	228	285272	47.821	nq	97
81) 3,3'-Dichlorobenzidine	13.96	252	101977	49.361	nq	# 98
82) Chrysene	14.04	228	270033	48.741	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	192378	46.940	nq	98
84) Di-n-octyl phthalate	14.59	149	326192	47.802	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	201099	40.829	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	242026	50.979	nq	97
88) Benzo(k)fluoranthene	15.09	252	234122	50.053	nq	# 96
89) Benzo(a)pyrene	15.43	252	215687	49.972	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	174740	45.923	nq	# 91
91) Benzo(g,h,i)perylene	17.44	276	158728	44.264	nq	# 91

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

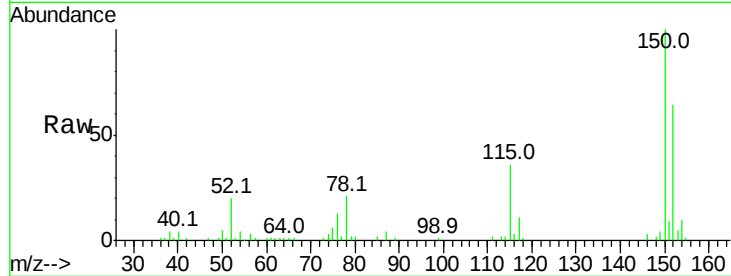


#1

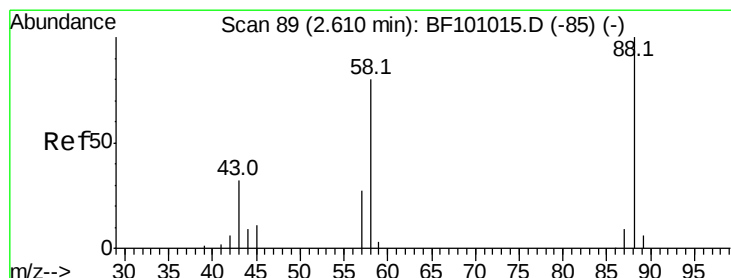
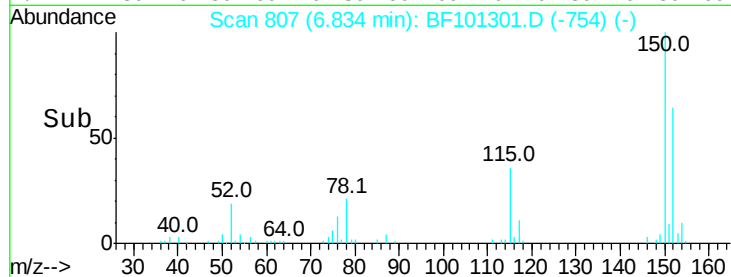
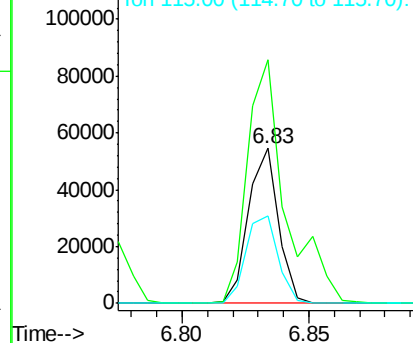
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45048
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 56.2 50.1 75.1



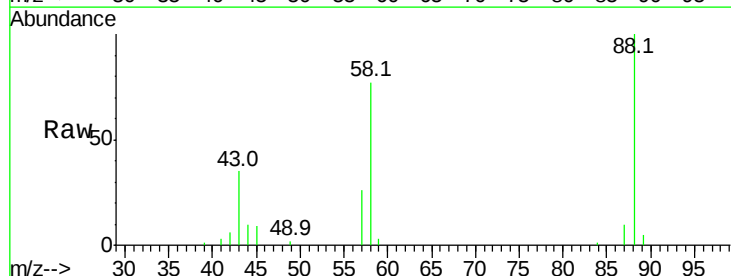
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



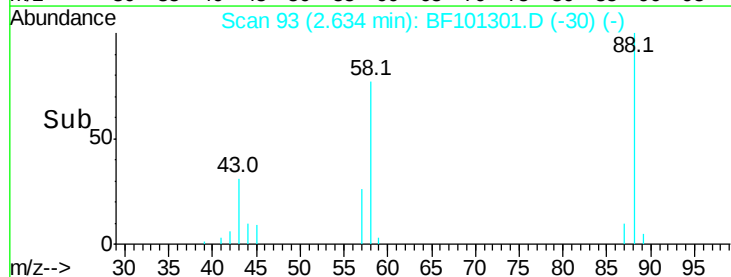
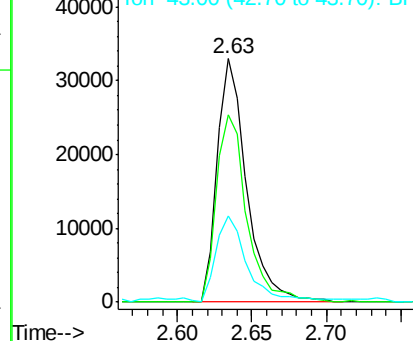
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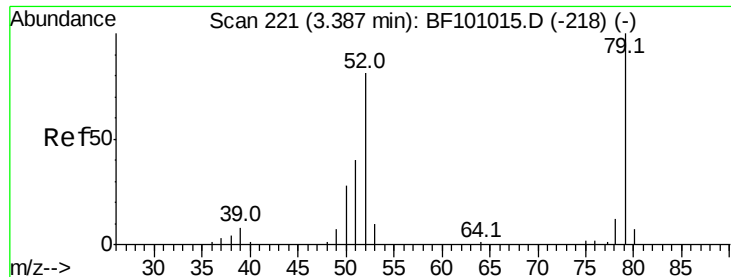
1,4-Dioxane
Concen: 40.359 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.07 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion: 88 Resp: 45497
Ion Ratio Lower Upper
88 100
58 79.5 62.6 93.8
43 35.2 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: 41.824 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.08 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

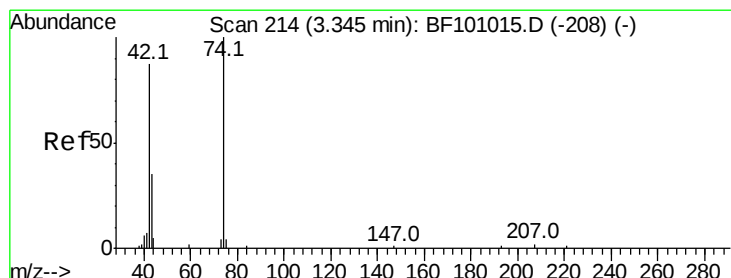
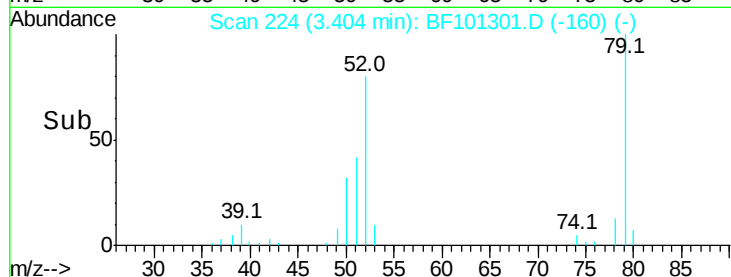
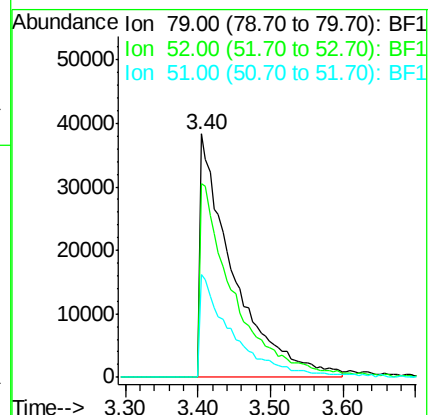
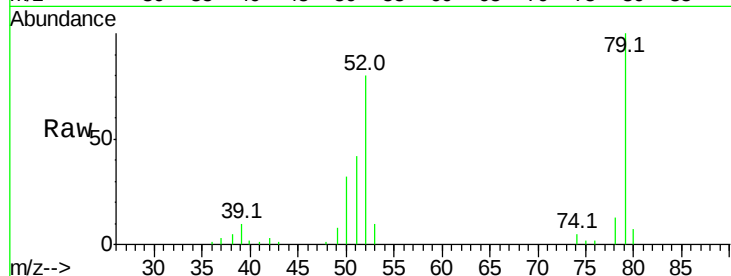
Tot Ion: 79 Resp: 122224

Ion Ratio Lower Upper

79 100

52 79.7 59.8 89.6

51 42.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 50.825 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

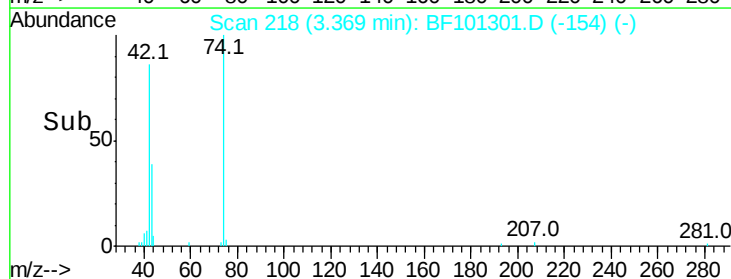
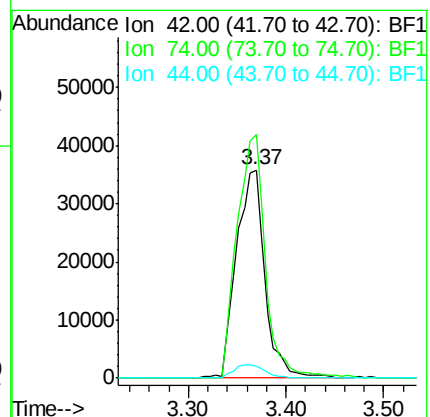
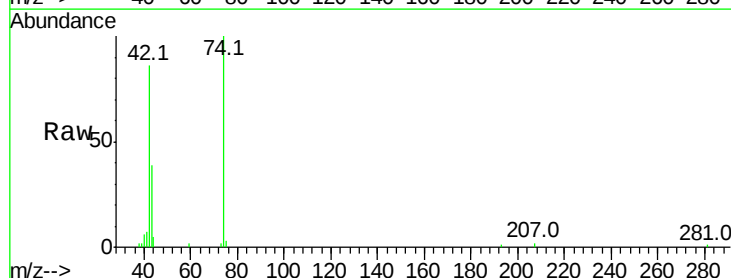
Tgt Ion: 42 Resp: 72543

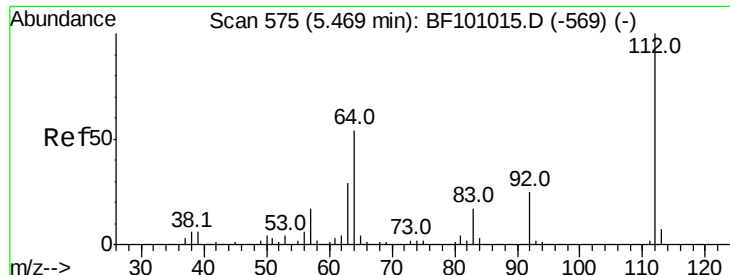
Ion Ratio Lower Upper

42 100

74 116.8 104.9 157.3

44 6.0 6.9 10.3#





#5

2-Fluorophenol

Concen: 148.352 ng

RT: 5.46 min Scan# 574

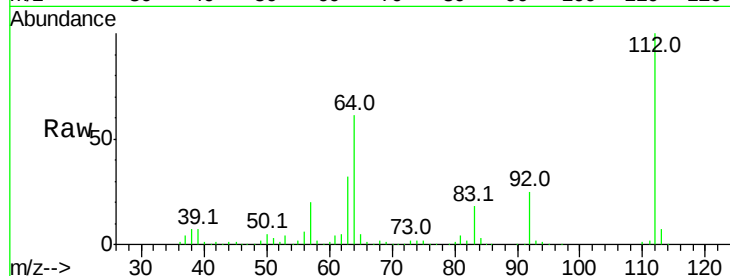
Delta R.T. 0.02 min

Lab File: BF101301.D

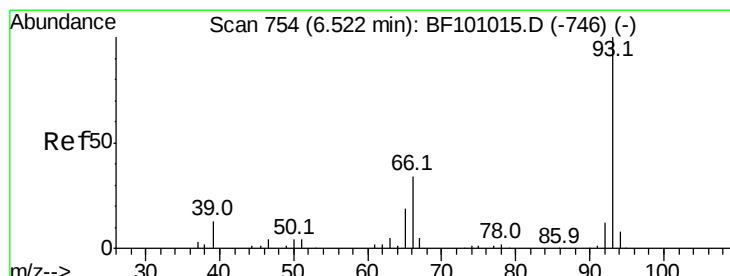
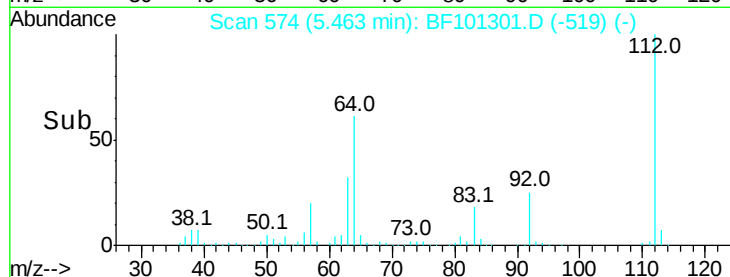
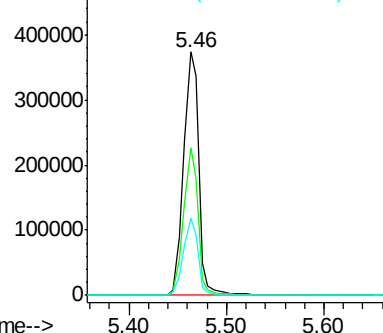
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	404428
Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	31.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.349 ng

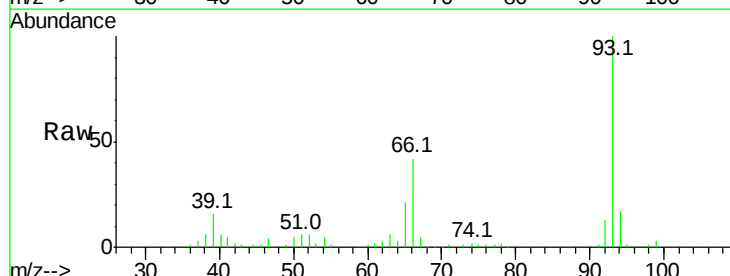
RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

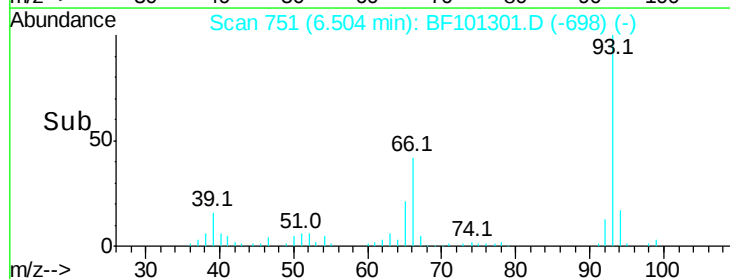
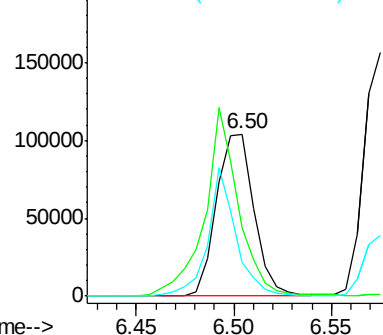
Lab File: BF101301.D

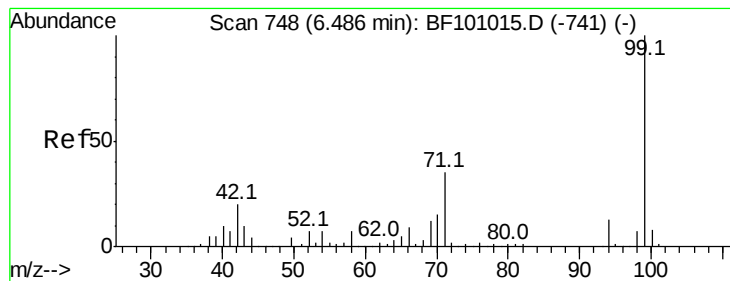
Acq: 11 Dec 2017 20:29

Tgt Ion:	93	Resp:	139228
Ion	Ratio	Lower	Upper
93	100		
66	41.9	32.2	48.2
65	21.2	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: 146.764 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampled :

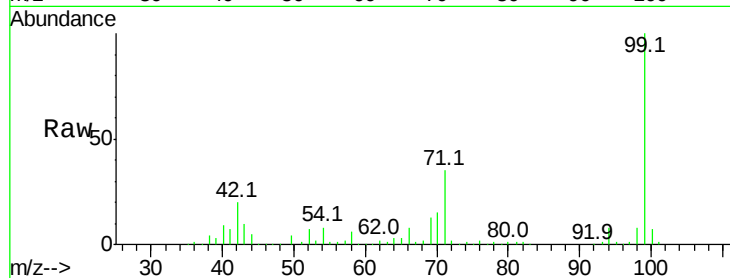
Tot Ion: 99 Resp: 485759

Ion Ratio Lower Upper

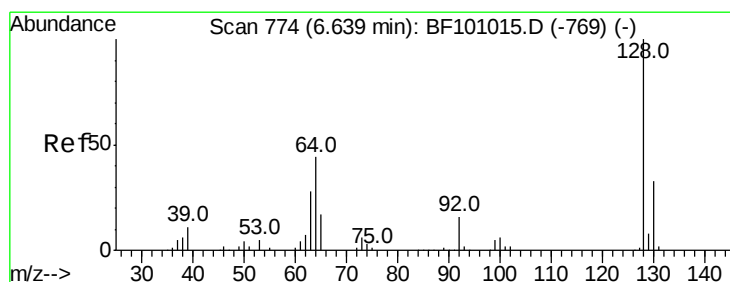
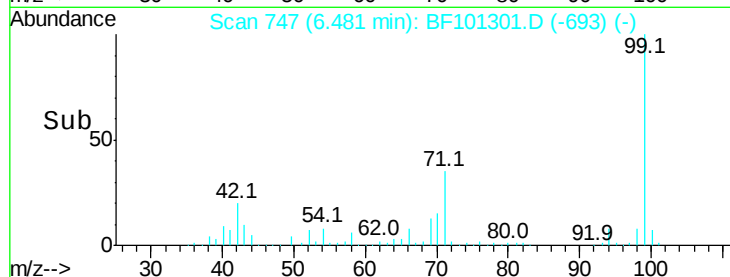
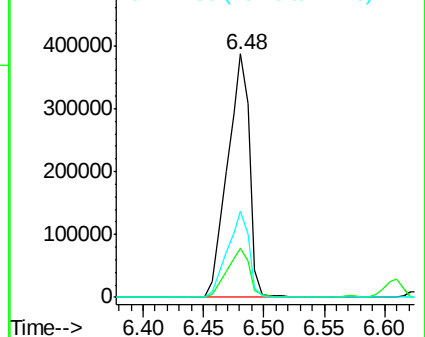
99 100

42 20.4 14.5 21.7

71 35.4 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: 50.244 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

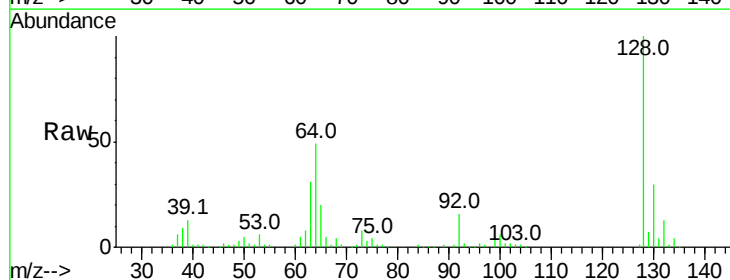
Tgt Ion: 128 Resp: 149348

Ion Ratio Lower Upper

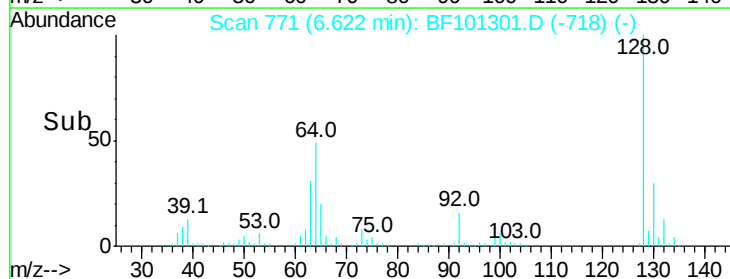
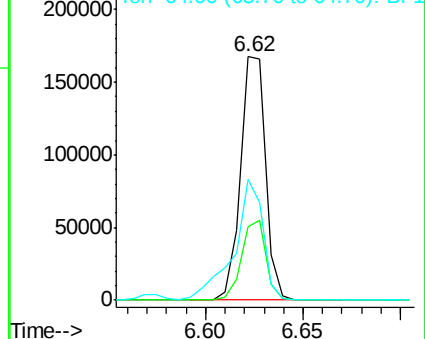
128 100

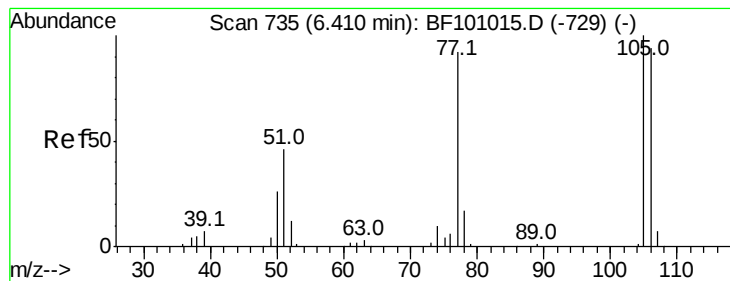
130 30.2 13.0 53.0

64 49.5 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: 21.913 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

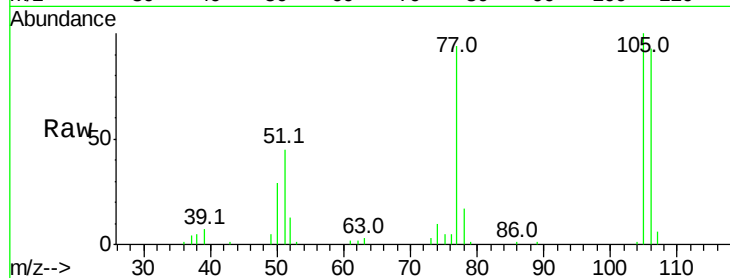
Tot Ion: 77 Resp: 44391

Ion Ratio Lower Upper

77 100

105 106.4 81.1 121.1

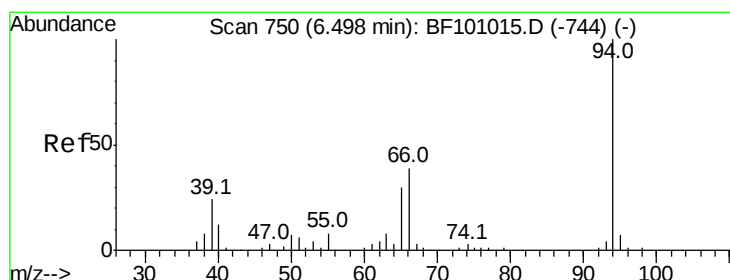
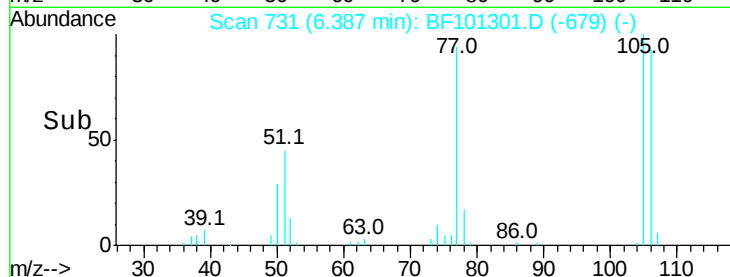
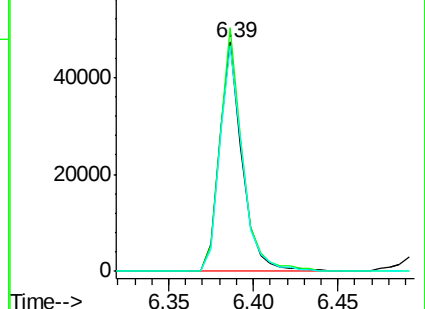
106 98.5 74.5 114.5



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: 51.783 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

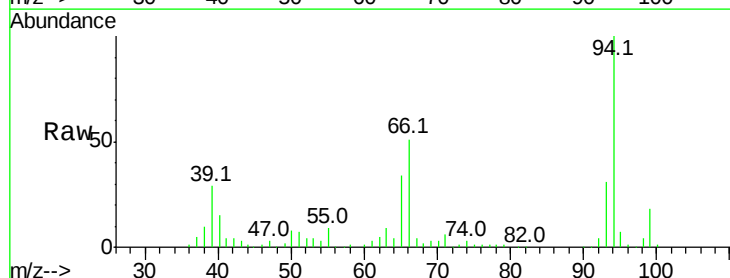
Tgt Ion: 94 Resp: 190576

Ion Ratio Lower Upper

94 100

65 34.4 7.9 47.9

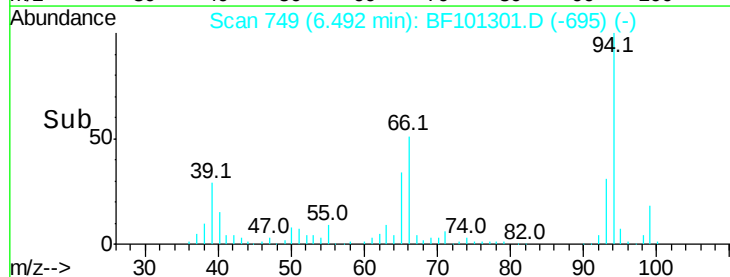
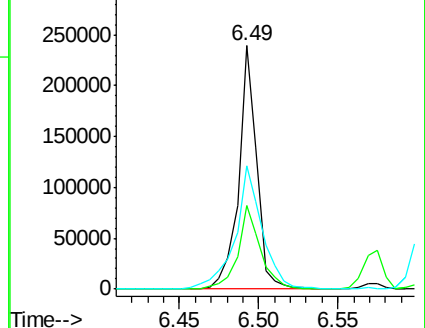
66 50.7 16.2 56.2

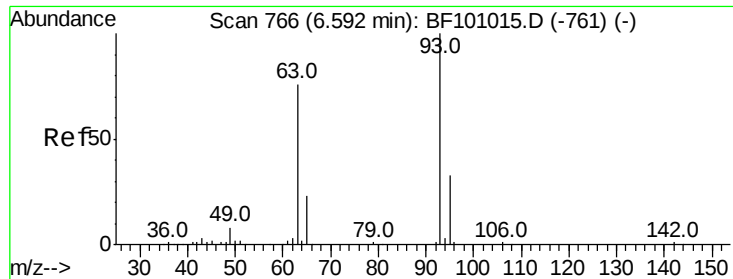


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.787 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

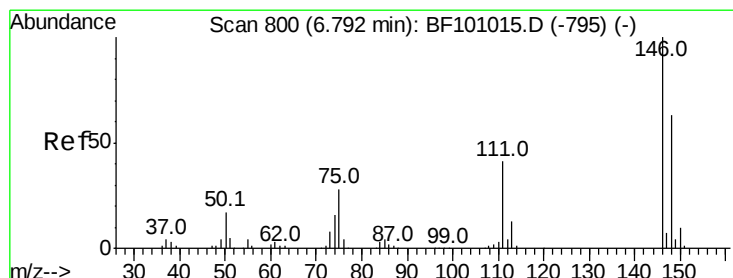
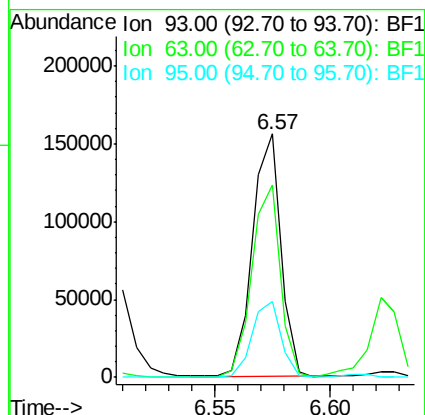
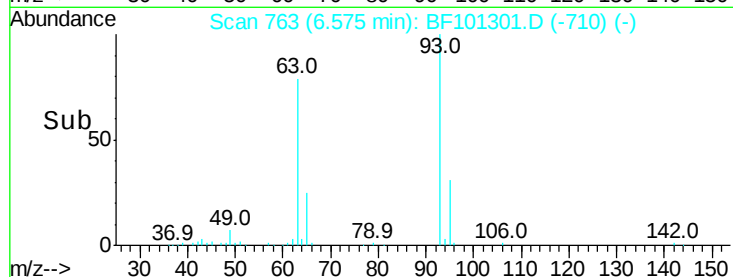
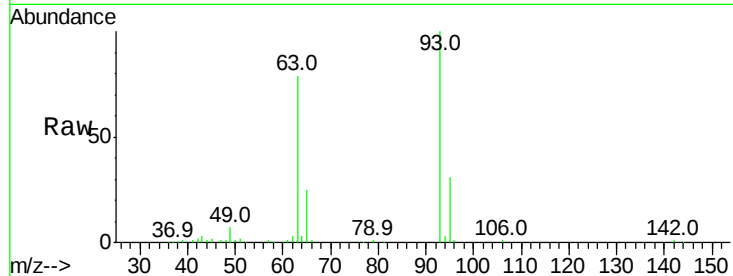
Tot Ion: 93 Resp: 134676

Ion Ratio Lower Upper

93 100

63 79.1 58.6 98.6

95 31.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 47.986 ng

RT: 6.77 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

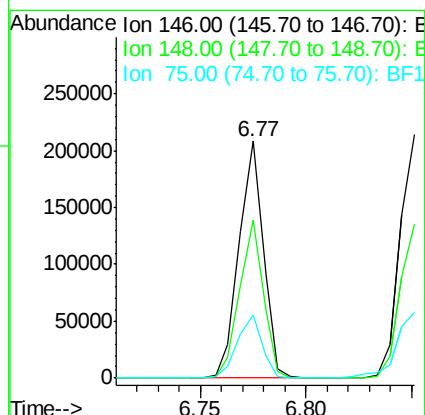
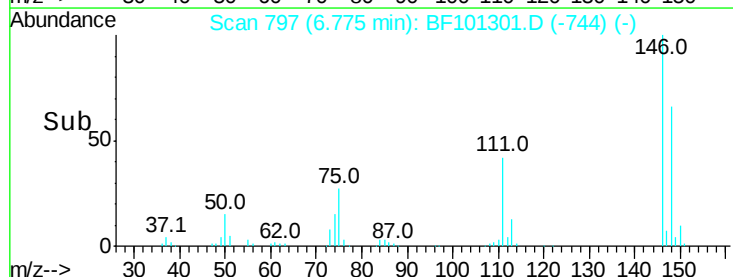
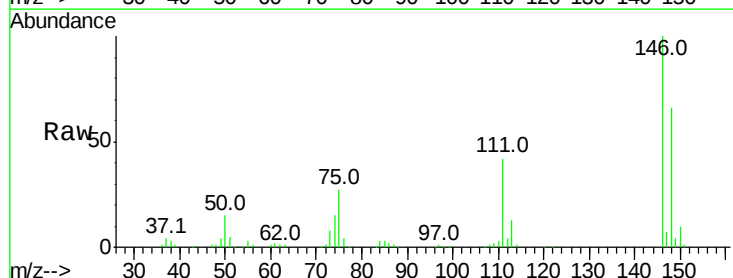
Tgt Ion: 146 Resp: 166085

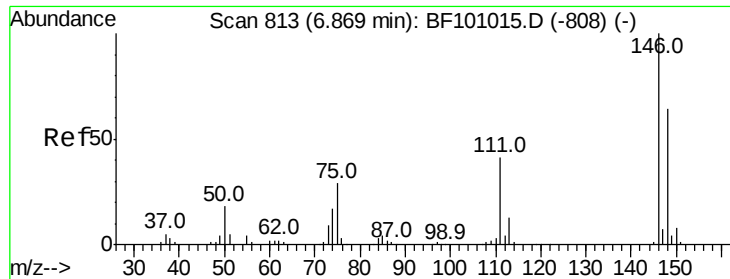
Ion Ratio Lower Upper

146 100

148 66.4 51.8 77.8

75 26.6 24.2 36.4

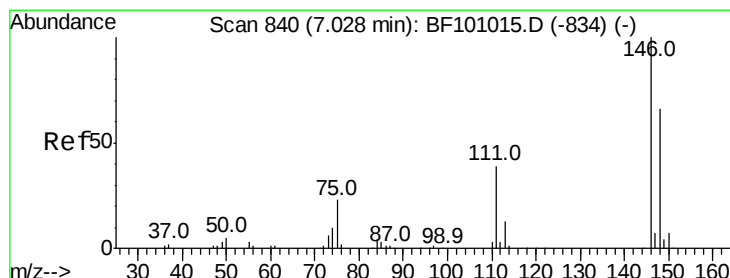
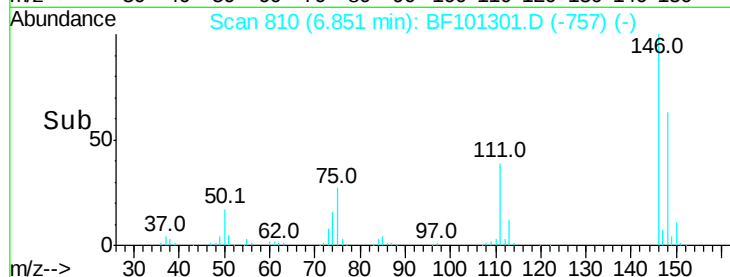
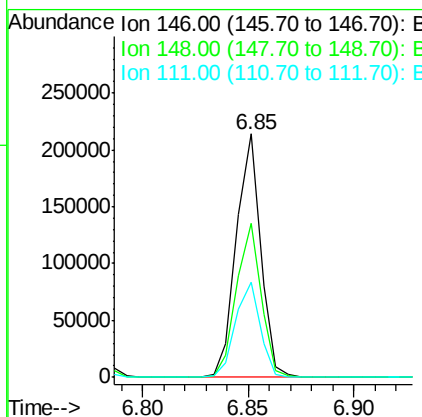
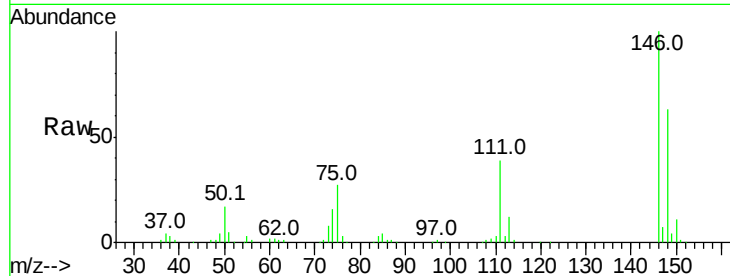




#13
 1,4-Dichlorobenzene
 Concen: 47.652 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

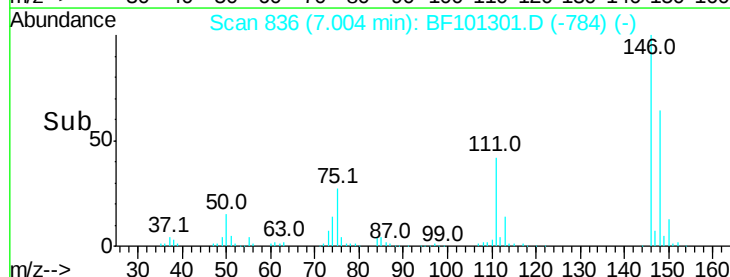
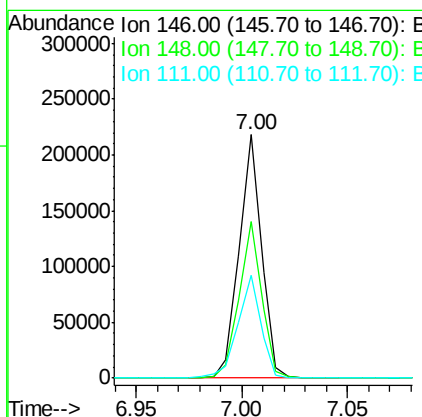
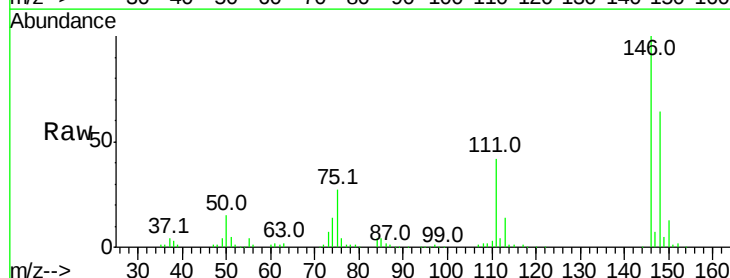
Instrument :
 BNA_F
 ClientSampled :

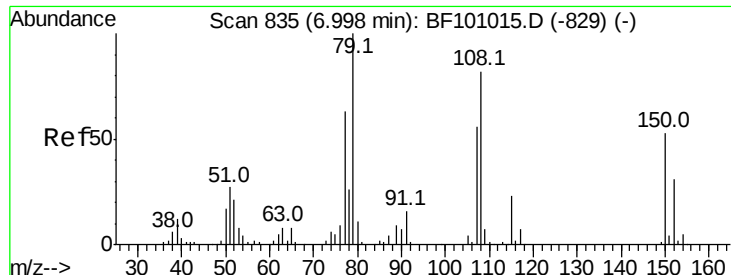
Tot Ion:146 Resp: 170757
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 39.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 47.848 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion:146 Resp: 159928
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 42.1 36.0 54.0

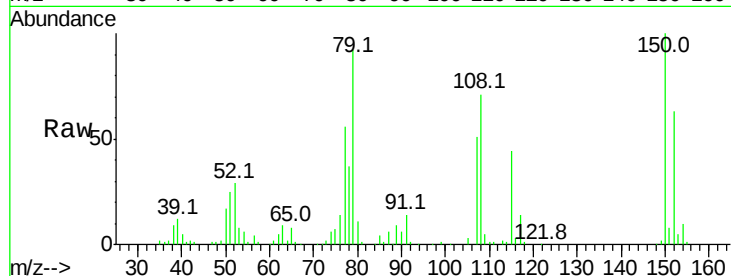




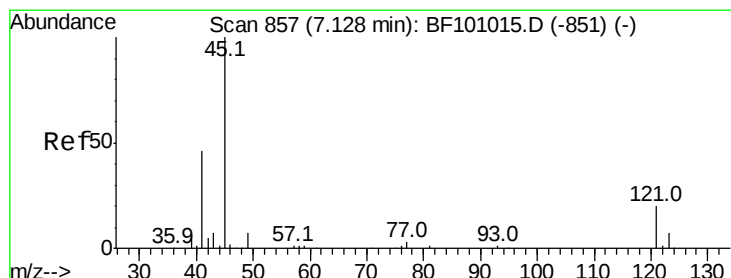
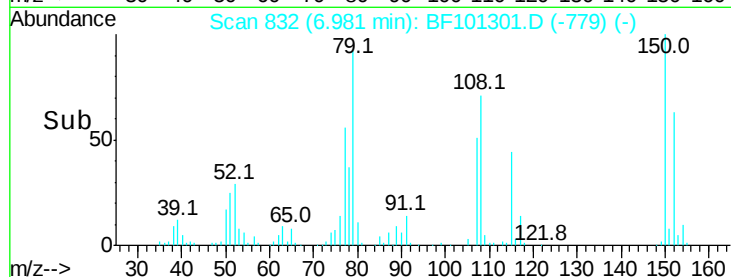
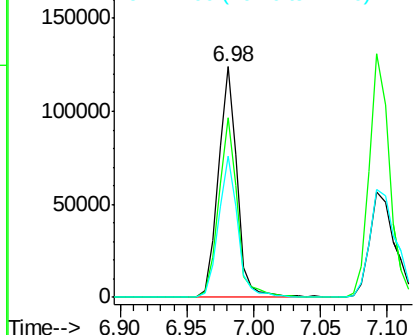
#15
Benzyl Alcohol
Concen: 48.348 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 123594
Ion Ratio Lower Upper
79 100
108 77.9 65.1 97.7
77 61.3 50.6 75.8

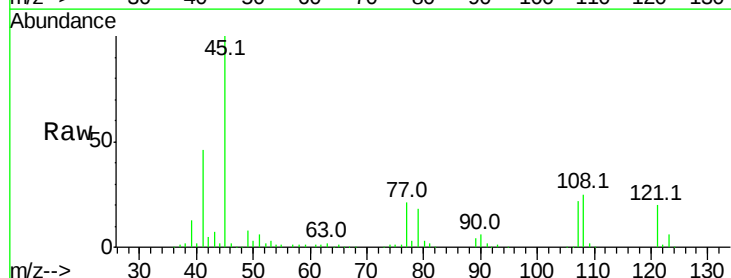


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

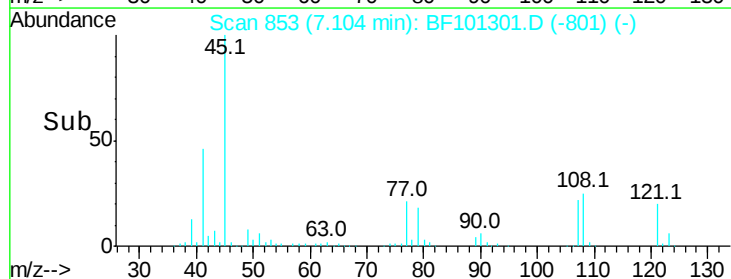
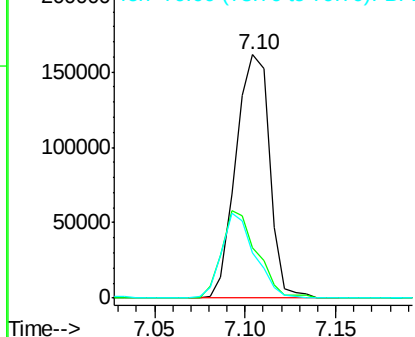


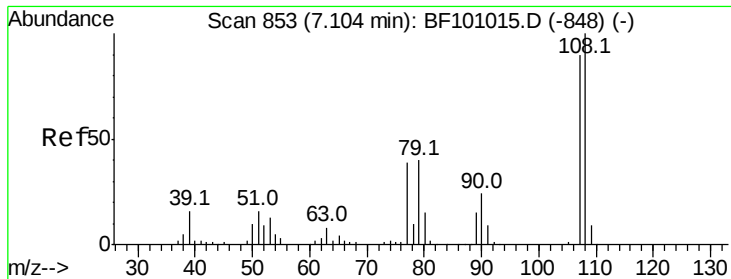
#16
2,2'-oxybis(1-chloropropane)
Concen: 55.650 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion: 45 Resp: 208818
Ion Ratio Lower Upper
45 100
77 20.7 0.0 32.9
79 18.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

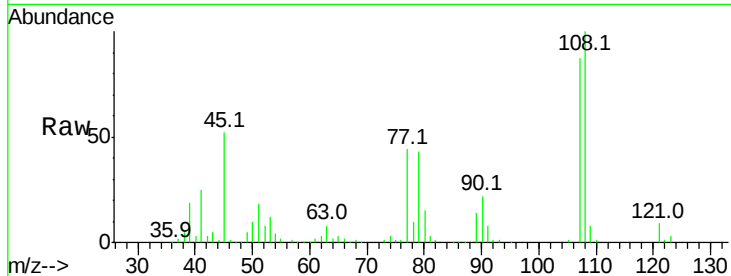




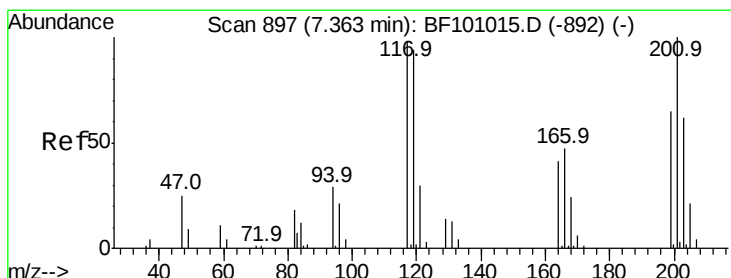
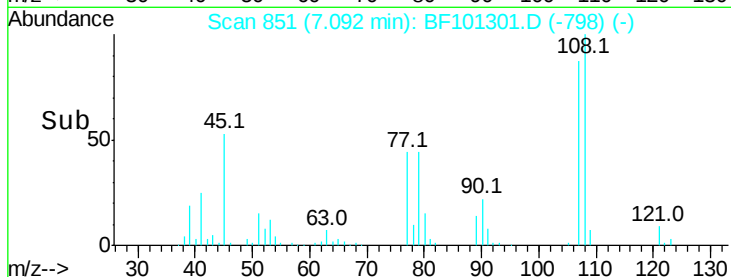
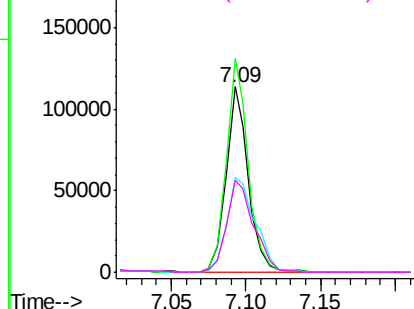
#17
2-Methylphenol
Concen: 49.718 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 119331
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 50.9 33.8 50.8#
79 49.9 33.8 50.8

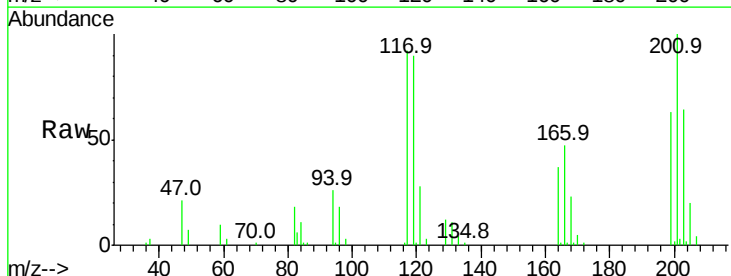


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

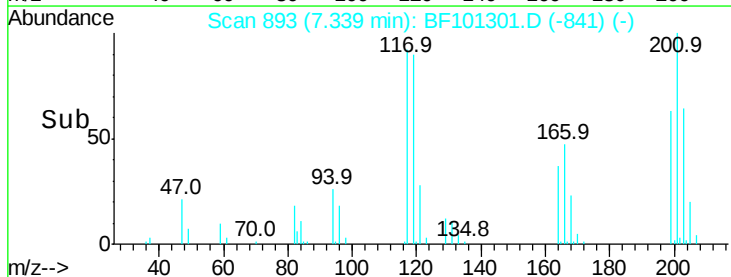
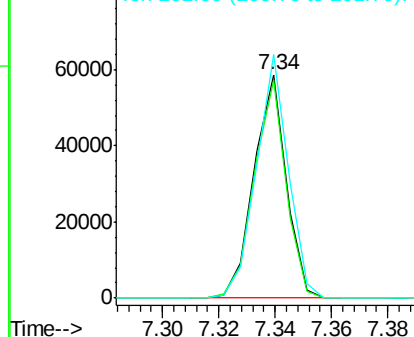


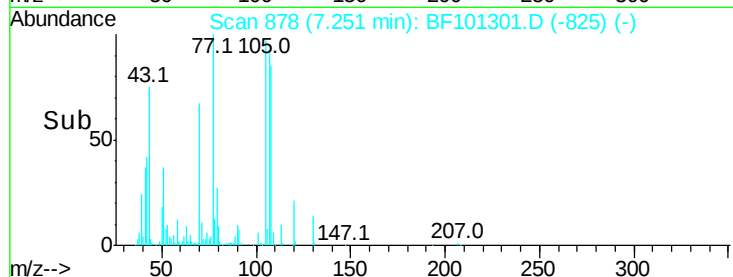
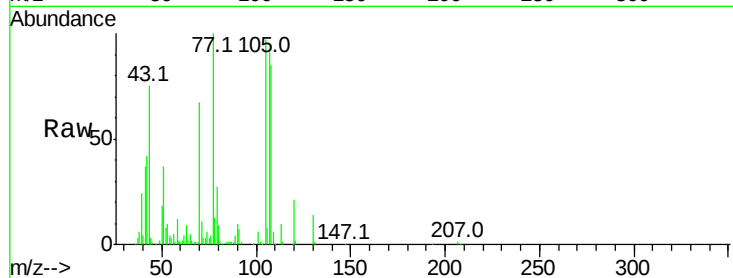
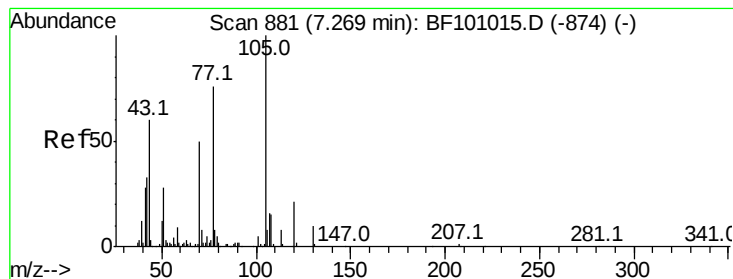
#18
Hexachloroethane
Concen: 40.538 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion:117 Resp: 46670
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 108.9 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 45.145 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 100630

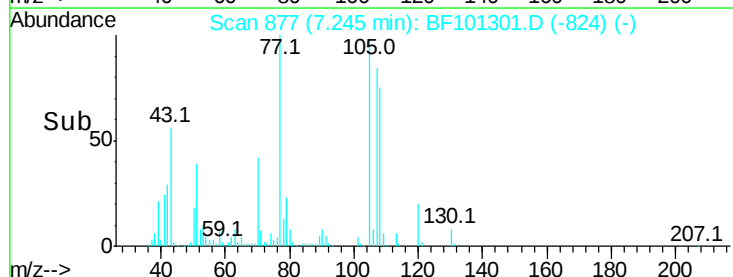
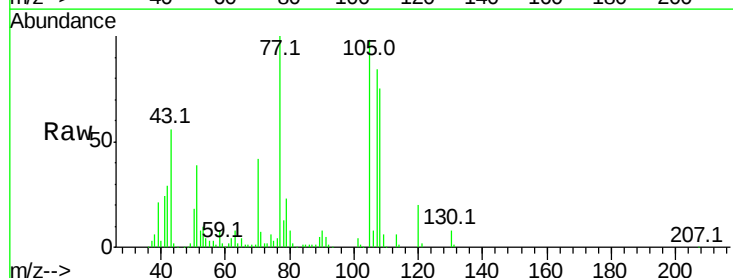
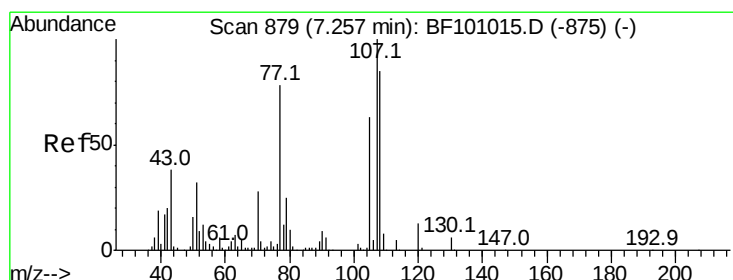
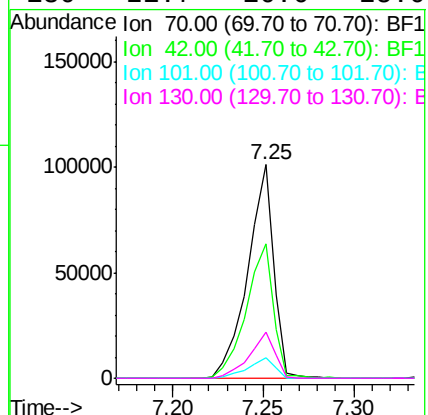
Ion Ratio Lower Upper

70 100

42 63.1 47.5 71.3

101 9.4 7.4 11.2

130 21.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 49.236 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Tgt Ion: 107 Resp: 154119

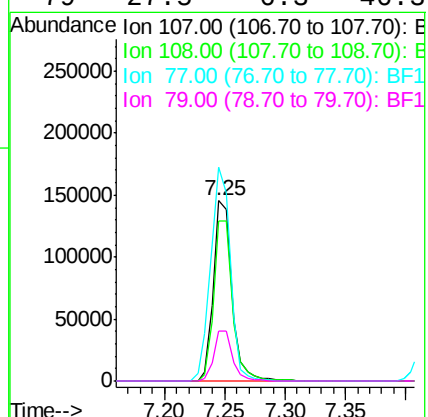
Ion Ratio Lower Upper

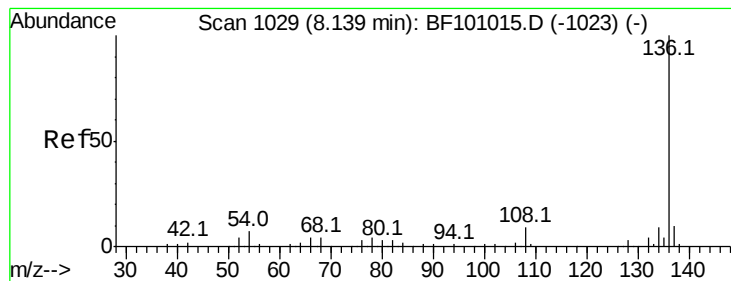
107 100

108 88.6 68.2 108.2

77 118.4 26.7 66.7#

79 27.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 175910

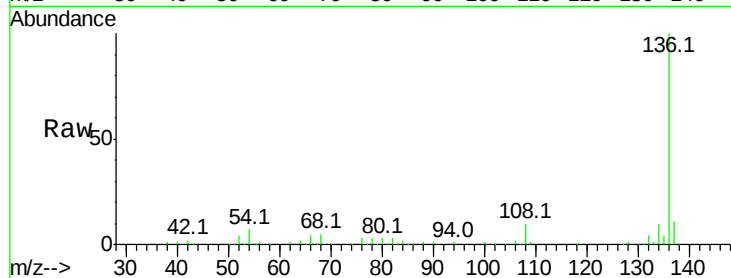
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 4.9 5.0 7.4#

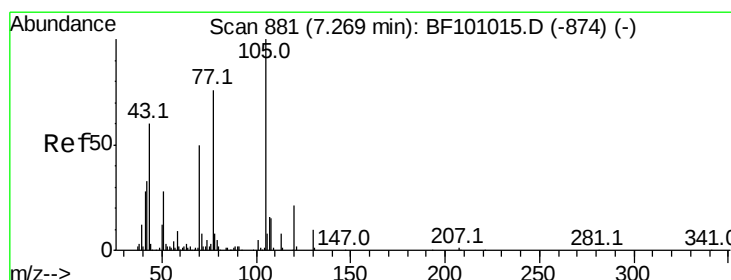
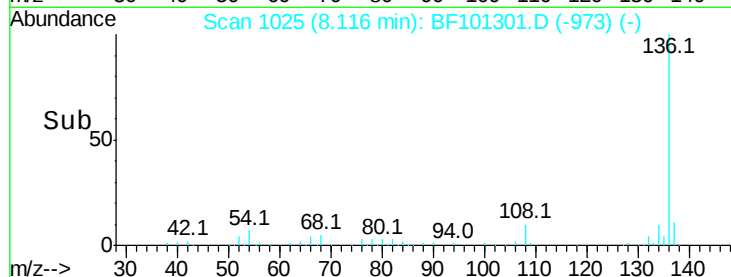
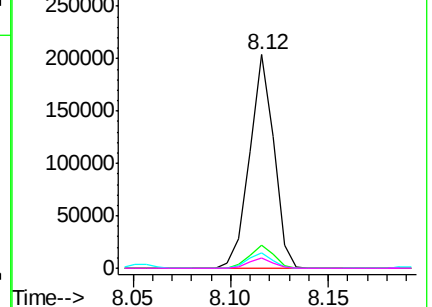


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.943 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Tgt Ion:105 Resp: 195252

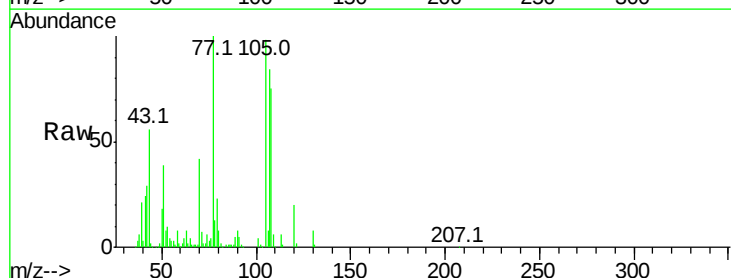
Ion Ratio Lower Upper

105 100

71 6.7 4.4 6.6#

51 40.1 22.3 33.5#

120 20.3 16.9 25.3

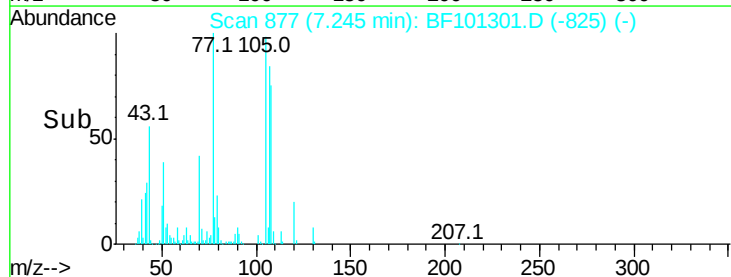
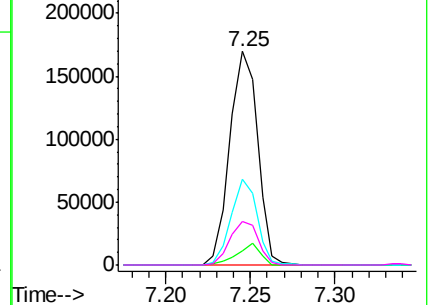


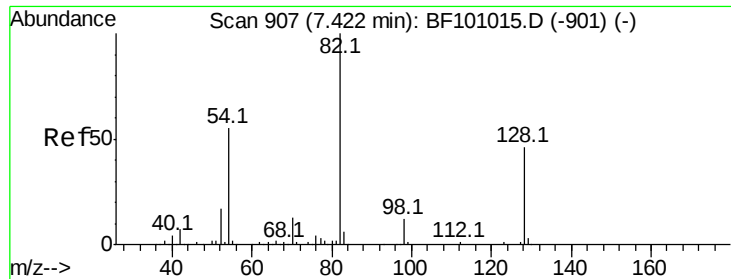
Abundance Ion 105.00 (104.70 to 105.70): E

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

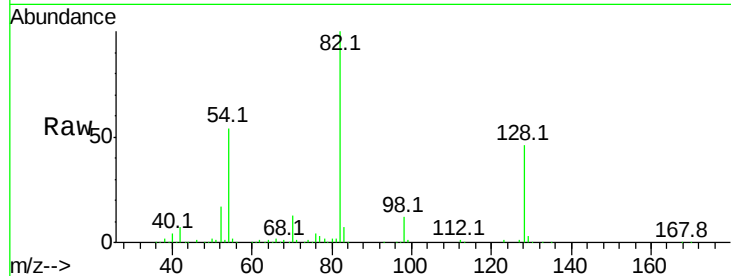




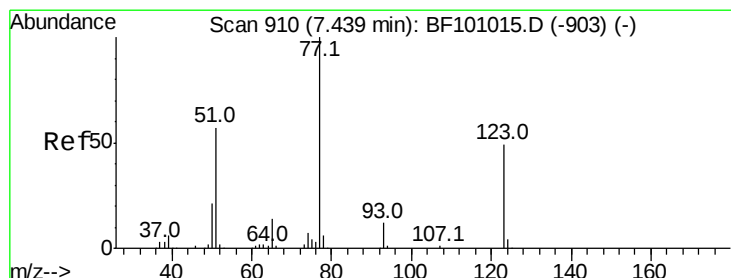
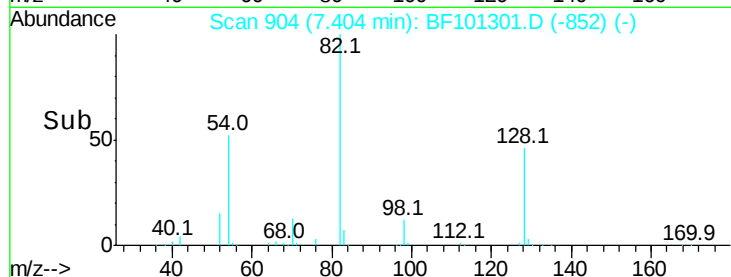
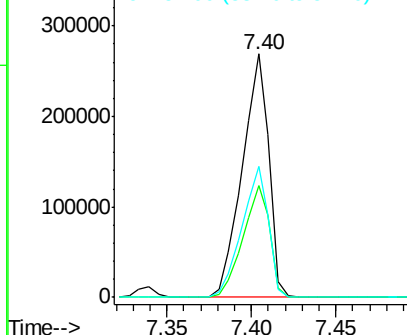
#23
Nitrobenzene-d5
Concen: 100.232 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 295573
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 53.7 41.4 62.2

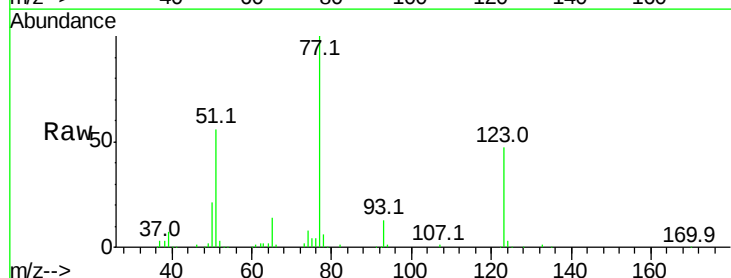


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

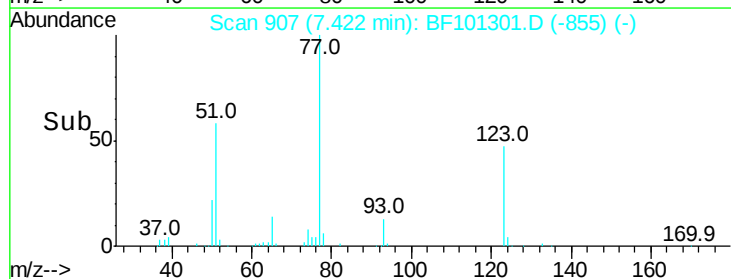
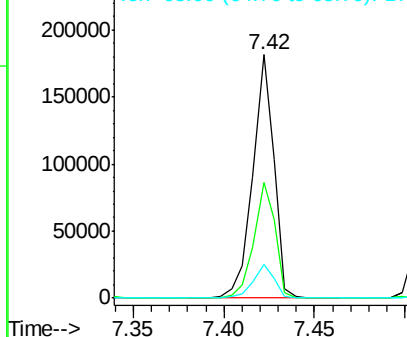


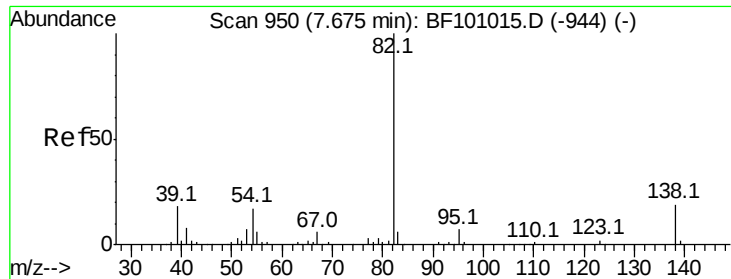
#24
Nitrobenzene
Concen: 51.032 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion: 77 Resp: 147490
Ion Ratio Lower Upper
77 100
123 47.3 37.9 56.9
65 13.6 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

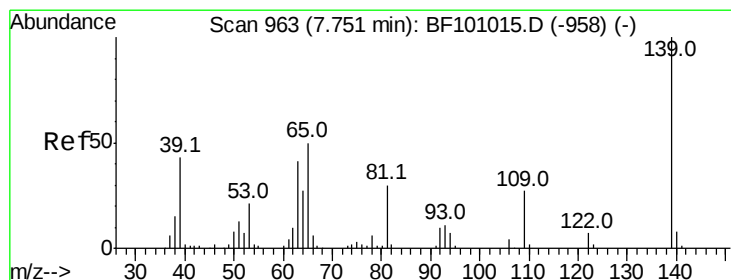
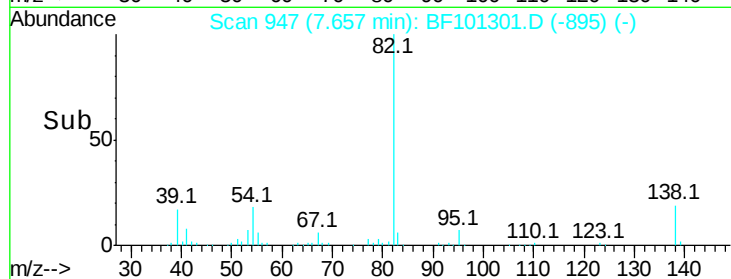
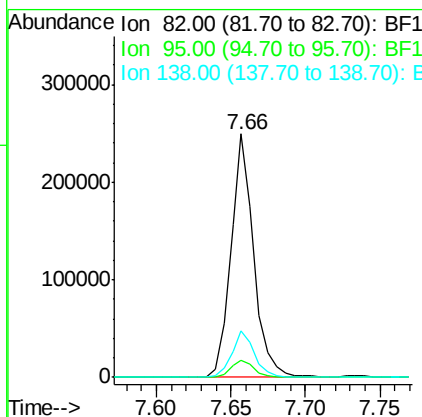
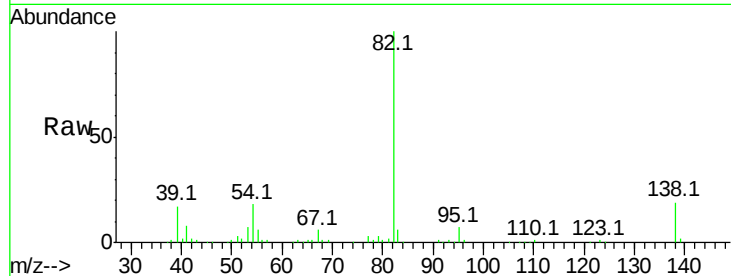




#25
Isophorone
Concen: 52.884 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

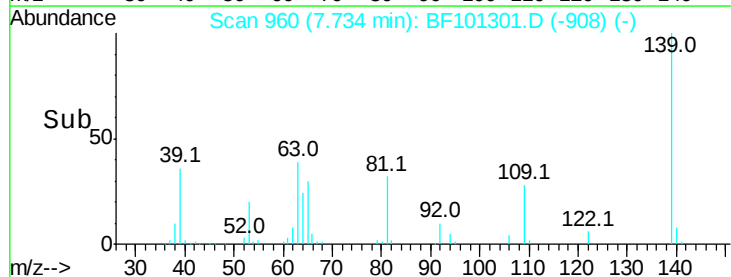
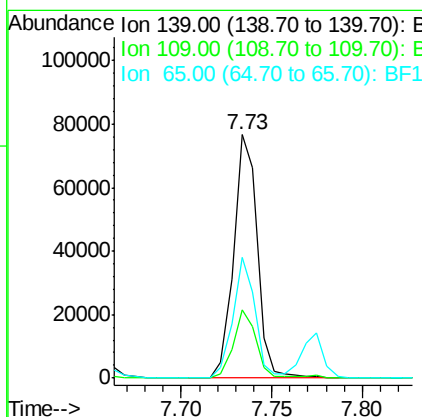
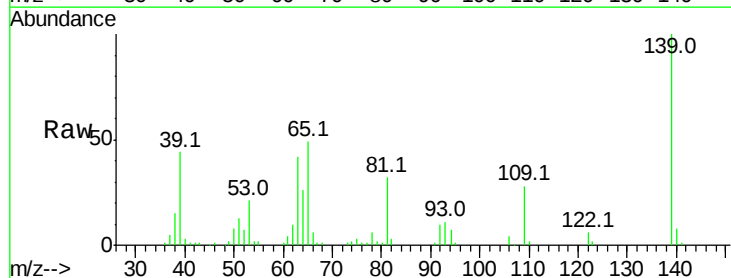
Instrument :
BNA_F
ClientSampleId :

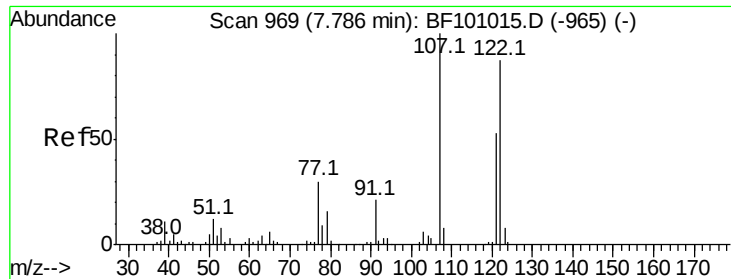
Tot Ion: 82 Resp: 266376
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 19.3 14.9 22.3



#26
2-Nitrophenol
Concen: 43.832 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion: 139 Resp: 69541
Ion Ratio Lower Upper
139 100
109 28.1 22.7 34.1
65 49.4 40.5 60.7

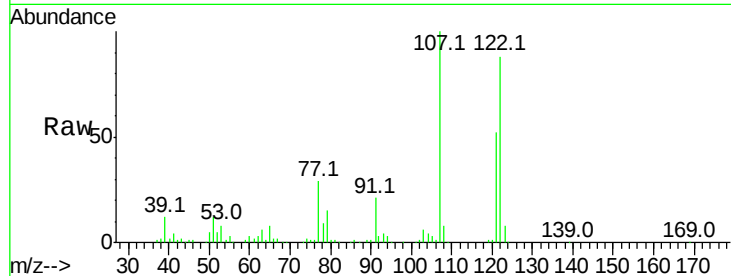




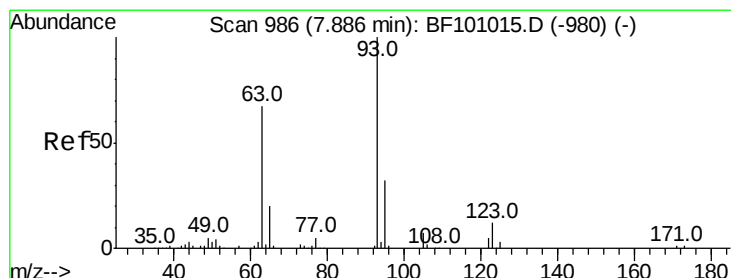
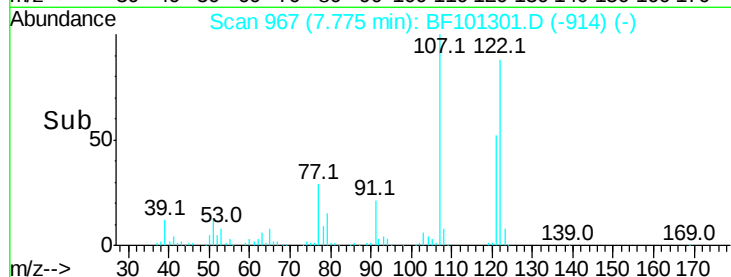
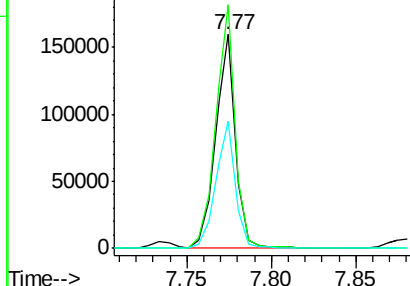
#27
2,4-Dimethylphenol
Concen: 57.175 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 131221
Ion Ratio Lower Upper
122 100
107 113.7 91.2 136.8
121 59.1 47.2 70.8

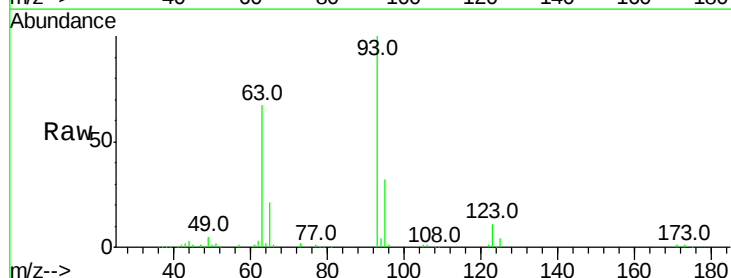


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

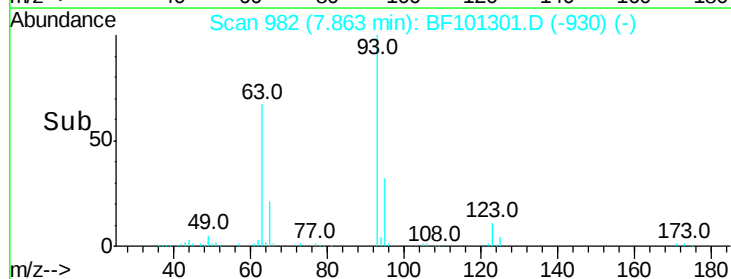
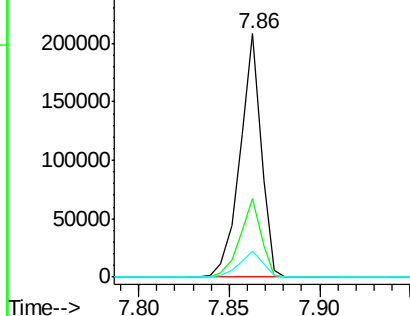


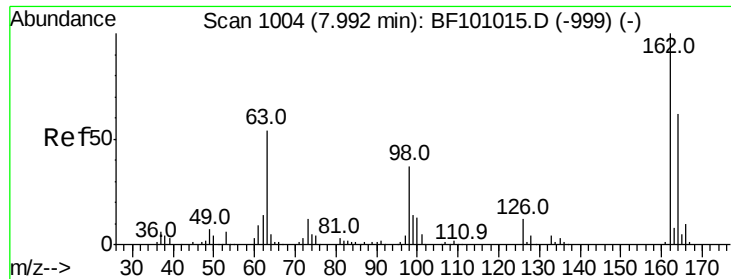
#28
bis(2-Chloroethoxy)methane
Concen: 49.845 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion: 93 Resp: 168746
Ion Ratio Lower Upper
93 100
95 32.1 26.3 39.5
123 10.7 9.8 14.6



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

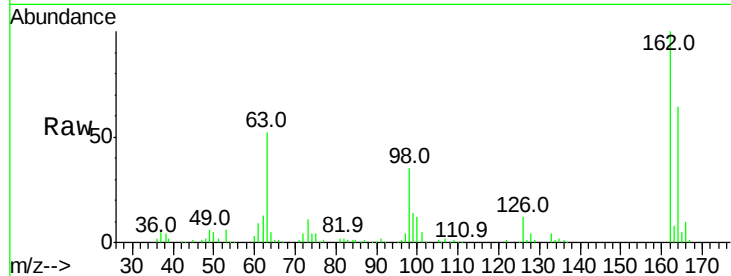




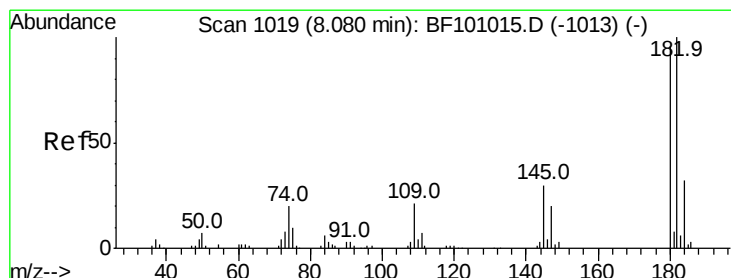
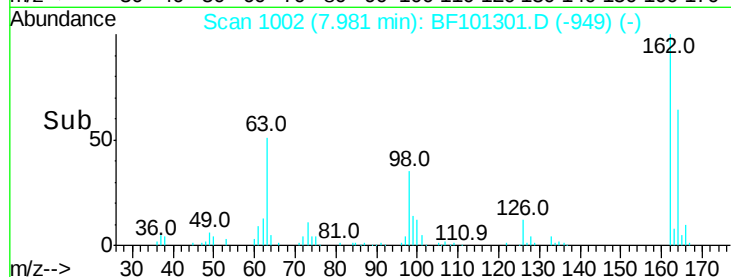
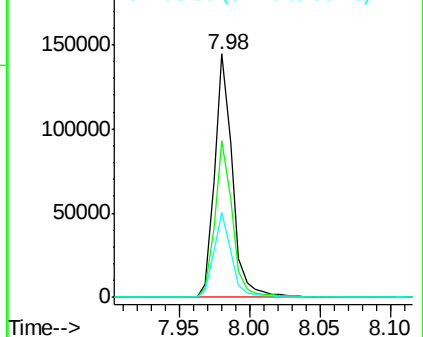
#29
 2,4-Dichlorophenol
 Concen: 50.737 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	34.8	18.1	58.1

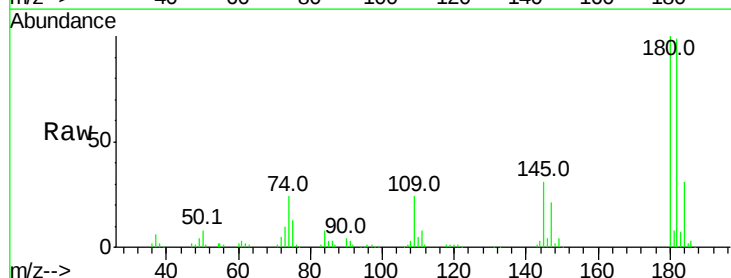


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

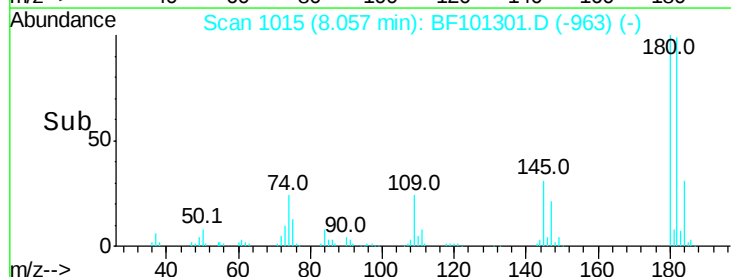
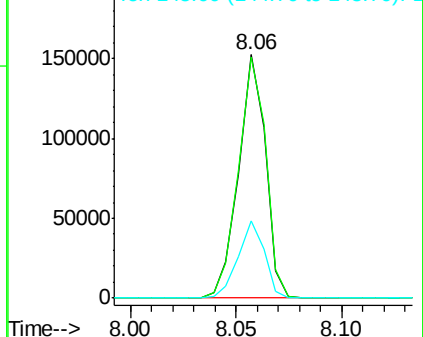


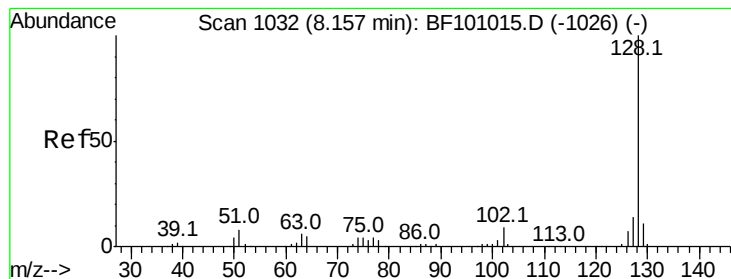
#30
 1,2,4-Trichlorobenzene
 Concen: 49.031 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.8	115.2
145	31.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.138 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

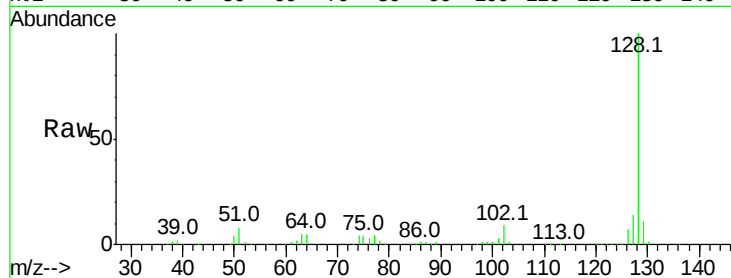
Tot Ion:128 Resp: 417345

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

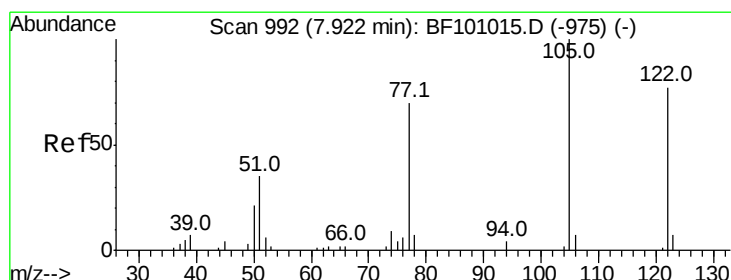
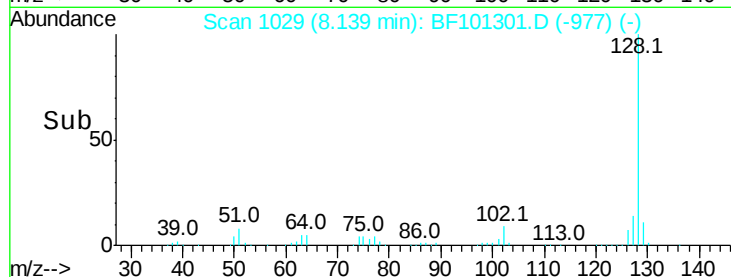
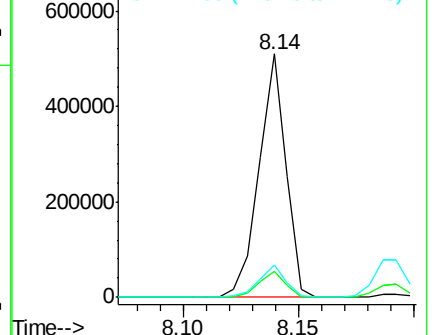
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.160 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

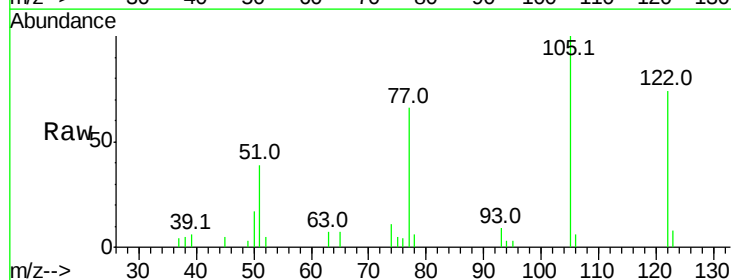
Tgt Ion:122 Resp: 14566

Ion Ratio Lower Upper

122 100

105 136.0 101.1 141.1

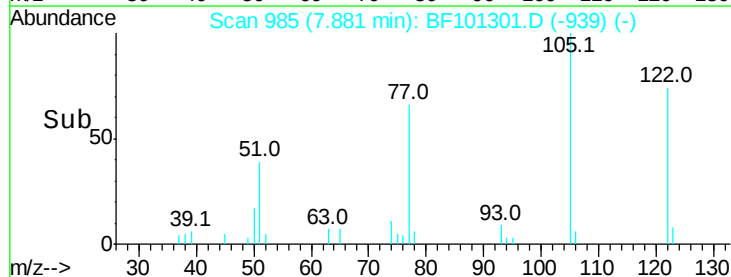
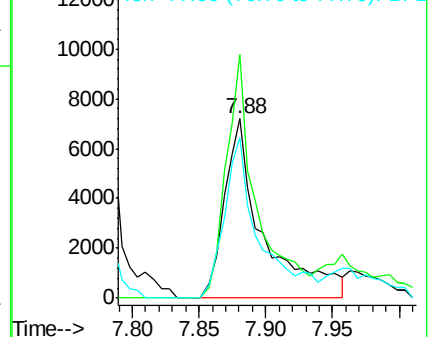
77 89.9 70.7 110.7

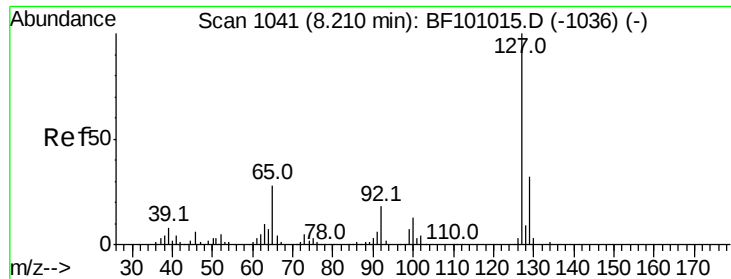


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

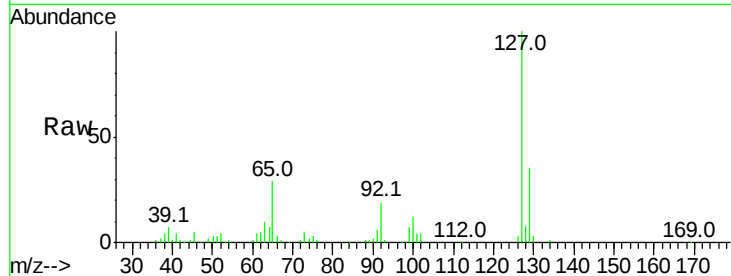




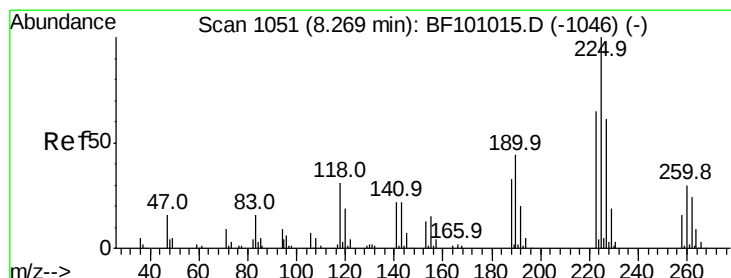
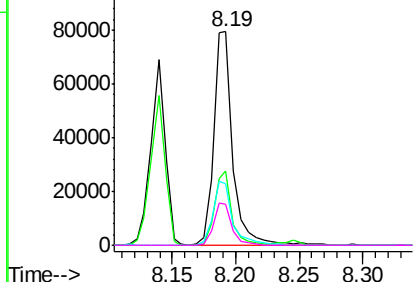
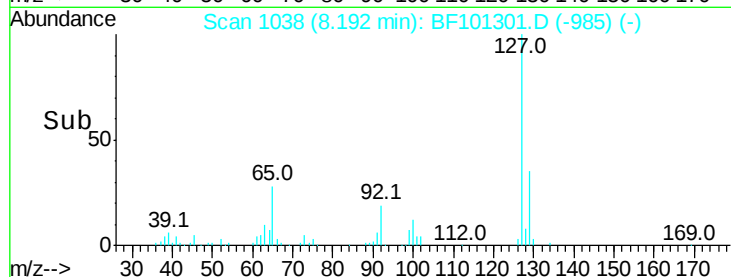
#33
4-Chloroaniline
Concen: 24.151 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	84130	
Ion Ratio	Lower	Upper	
127 100			
129 35.0	25.9	38.9	
65 28.7	25.0	37.4	
92 19.4	15.2	22.8	

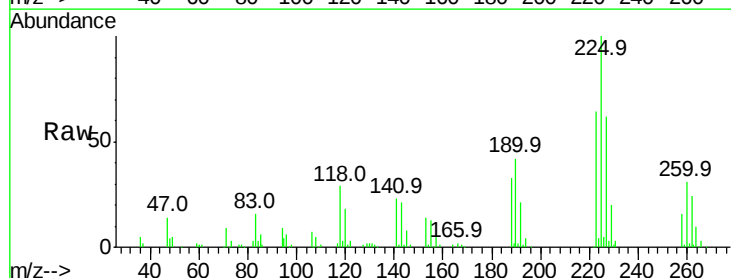


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

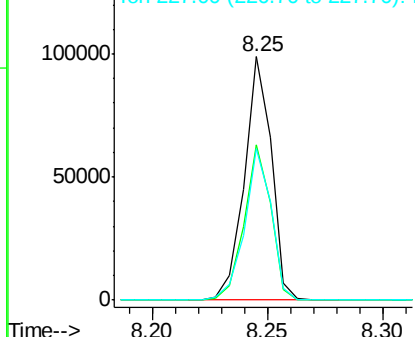
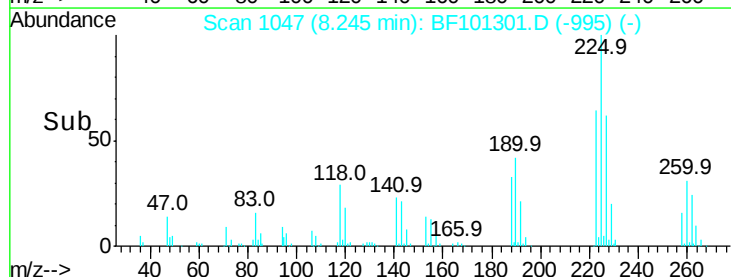


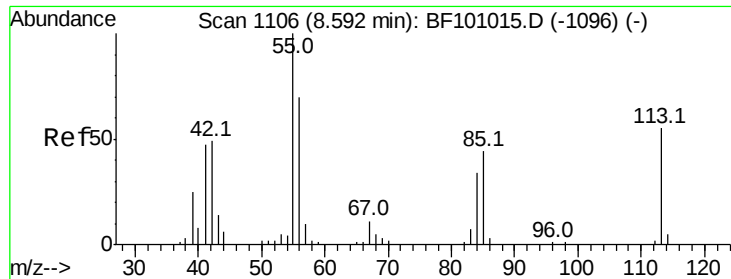
#34
Hexachlorobutadiene
Concen: 48.161 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion:225	Resp: 81143
Ion Ratio	Lower Upper
225 100	
223 63.8	50.6 76.0
227 62.4	51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

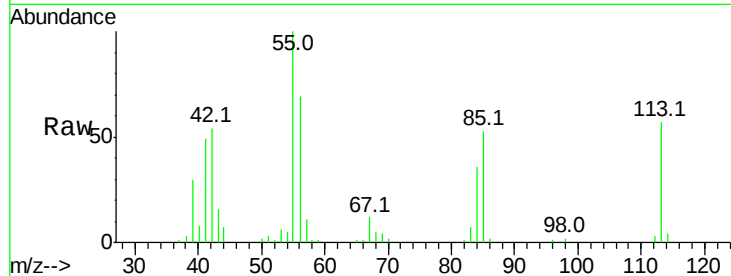




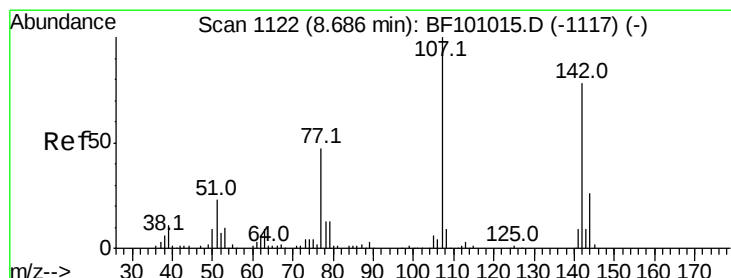
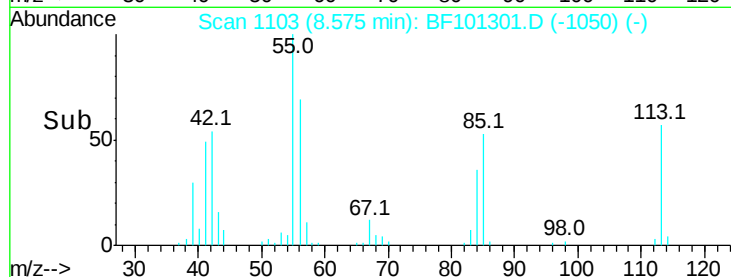
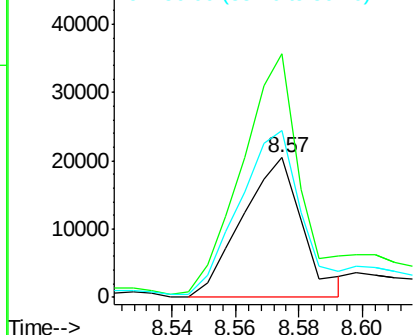
#35
 Caprolactam
 Concen: 34.736 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 27044
 Ion Ratio Lower Upper
 113 100
 55 174.7 163.3 203.3
 56 119.7 115.7 155.7

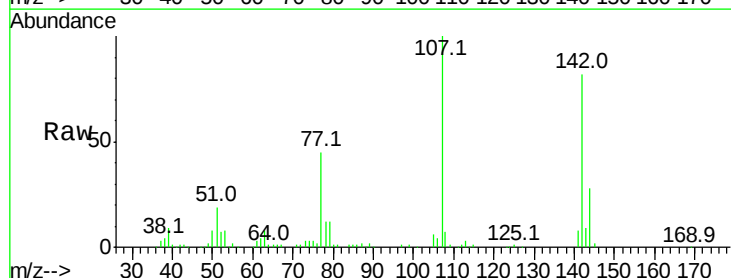


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

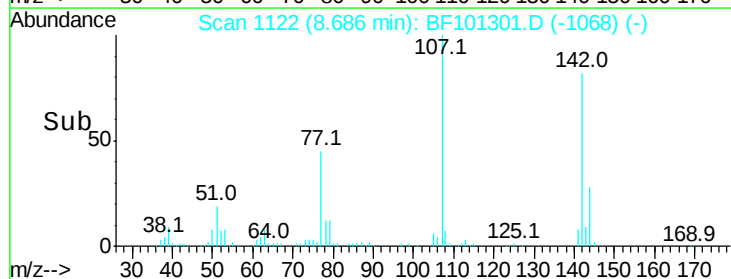
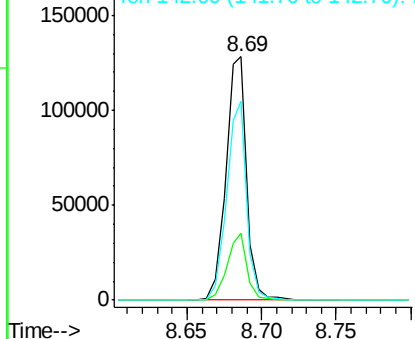


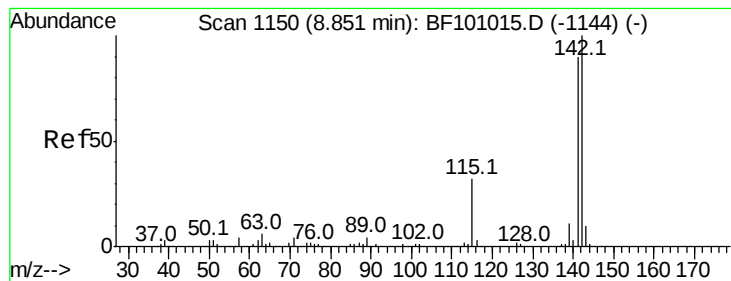
#36
 4-Chloro-3-methylphenol
 Concen: 48.957 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion:107 Resp: 126690
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.5 30.7
 142 81.6 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: 47.762 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

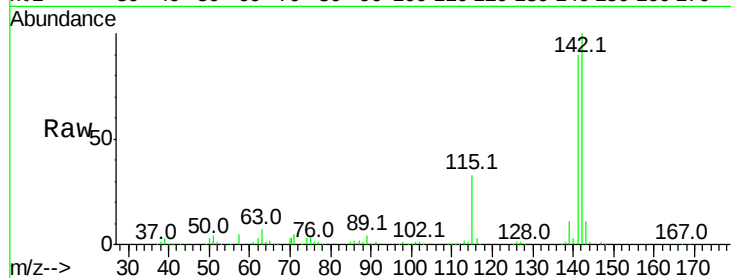
Tot Ion:142 Resp: 281361

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2

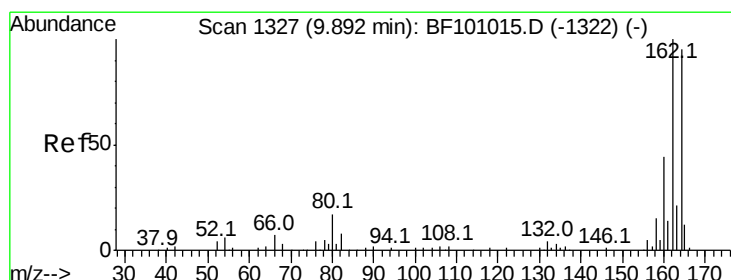
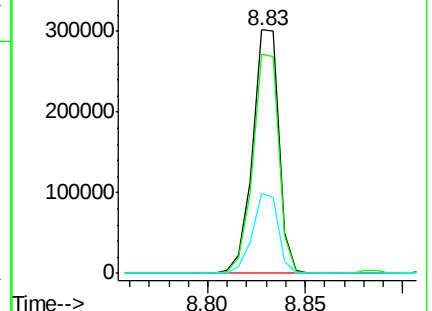
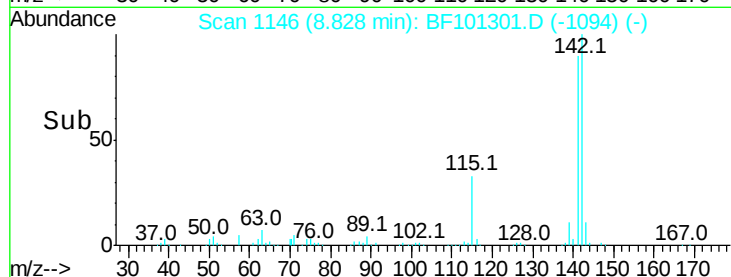
115 32.6 26.1 39.1



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: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

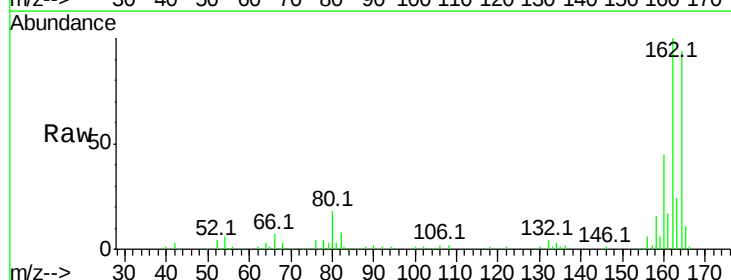
Tgt Ion:164 Resp: 74807

Ion Ratio Lower Upper

164 100

162 106.5 86.1 129.1

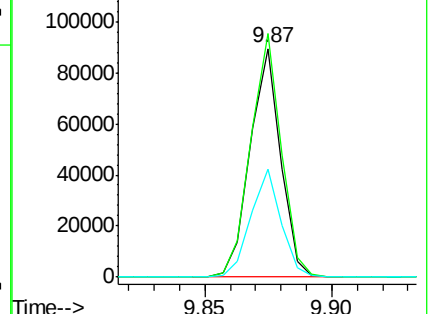
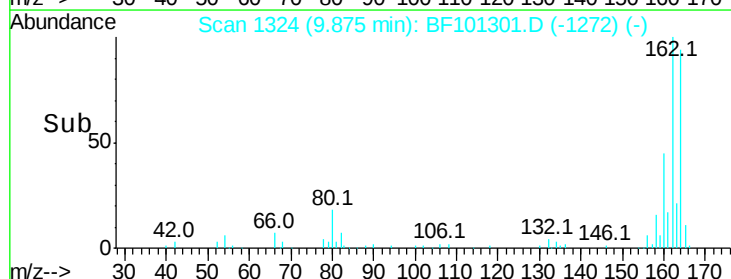
160 47.5 38.3 57.5

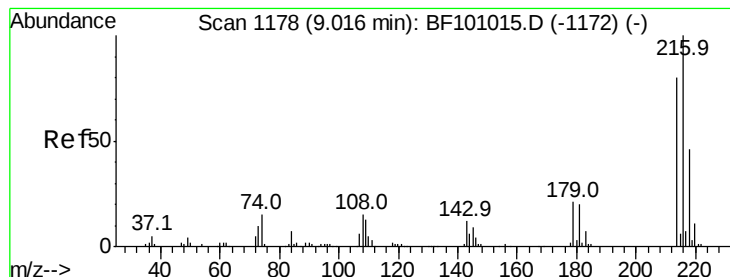


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.079 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 125224

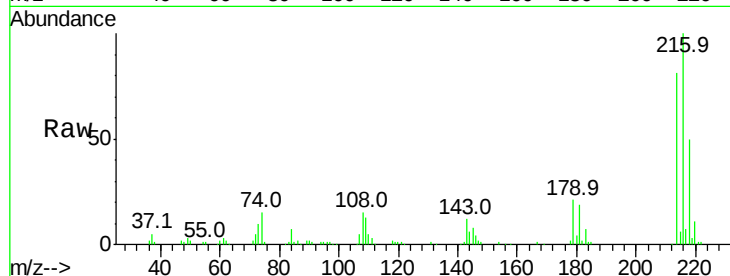
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 20.5 18.1 27.1

108 14.9 17.2 25.8#

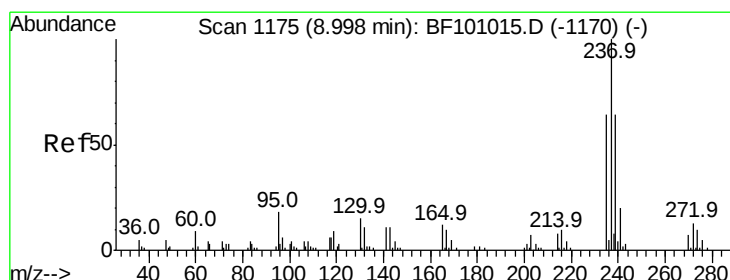
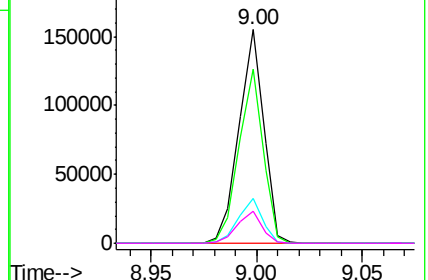
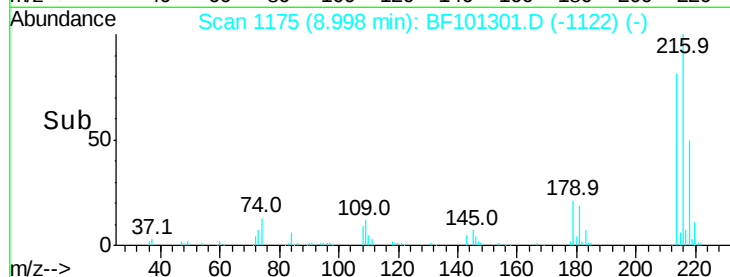


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.707 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

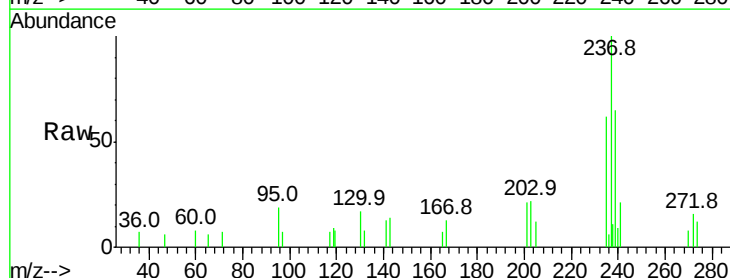
Tgt Ion:237 Resp: 3900

Ion Ratio Lower Upper

237 100

235 62.2 44.8 84.8

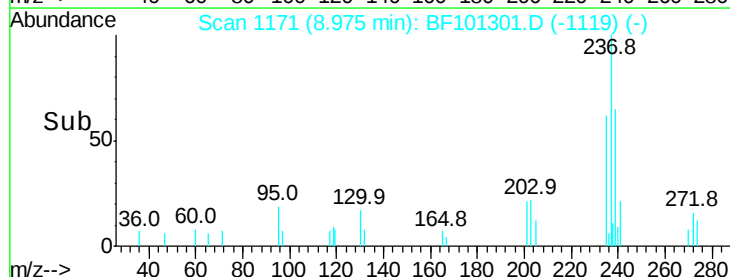
272 16.0 0.0 33.3



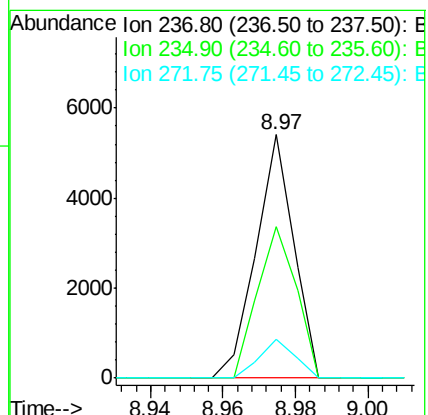
Abundance Ion 236.80 (236.50 to 237.50): E

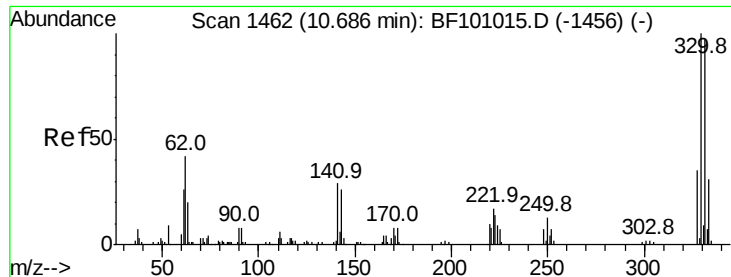
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 117.943 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampled :

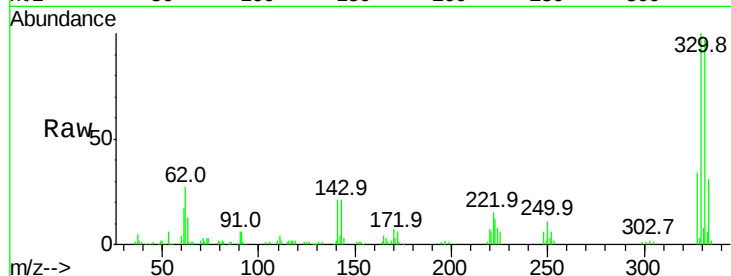
Tot Ion:330 Resp: 105989

Ion Ratio Lower Upper

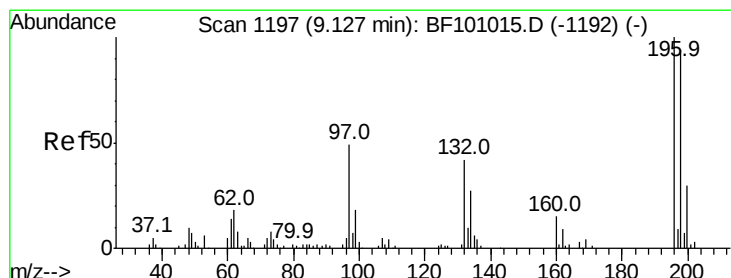
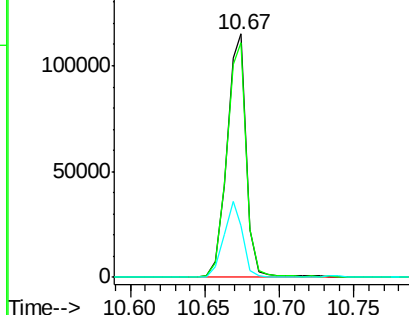
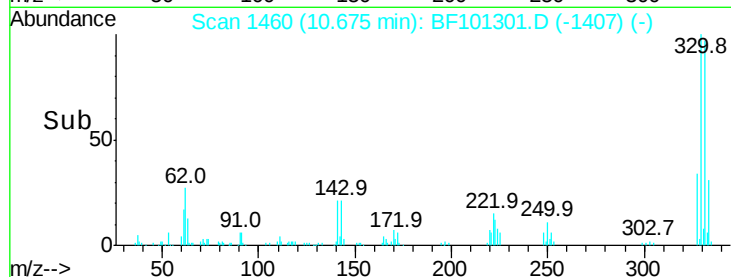
330 100

332 97.6 77.0 115.6

141 30.0 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: 52.687 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

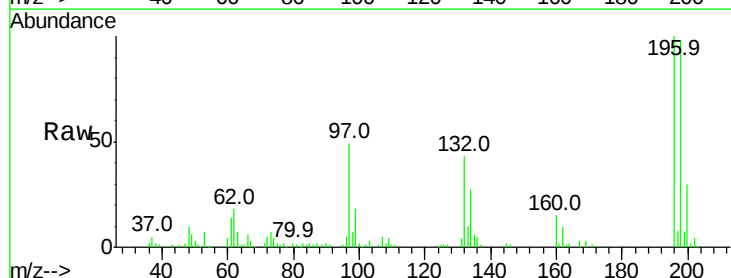
Tgt Ion:196 Resp: 83934

Ion Ratio Lower Upper

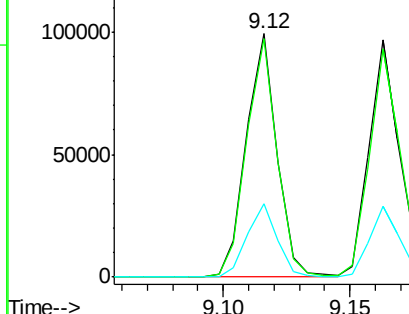
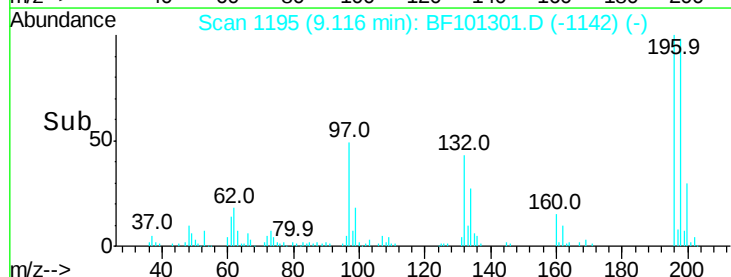
196 100

198 98.1 75.7 113.5

200 30.4 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

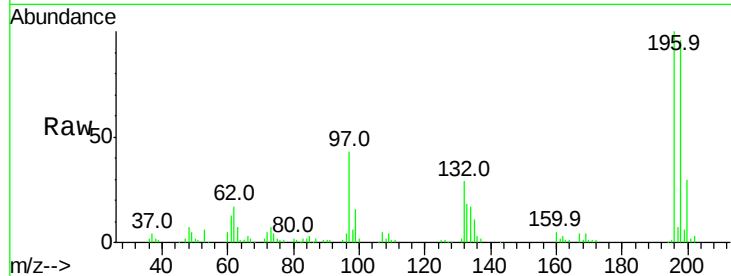




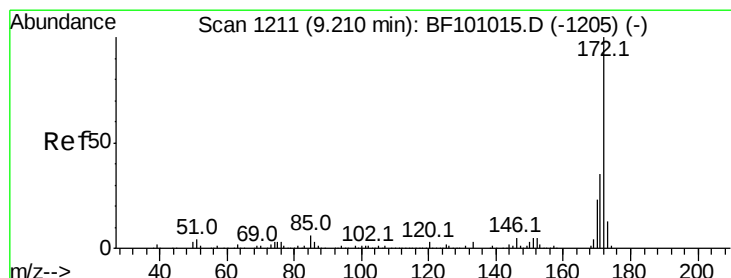
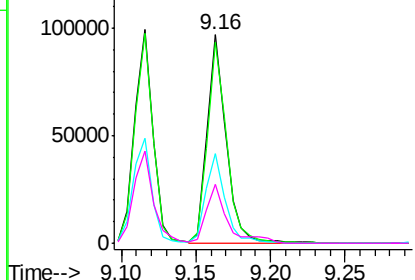
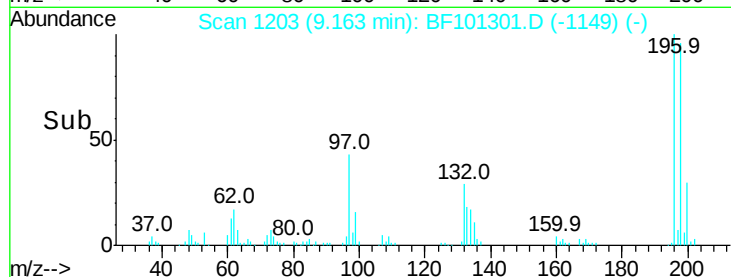
#43
 2,4,5-Trichlorophenol
 Concen: 50.309 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.02 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 85682
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 43.0 42.9 64.3
 132 28.6 26.3 39.5

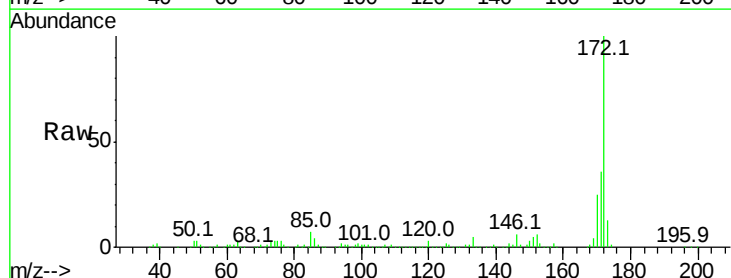


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

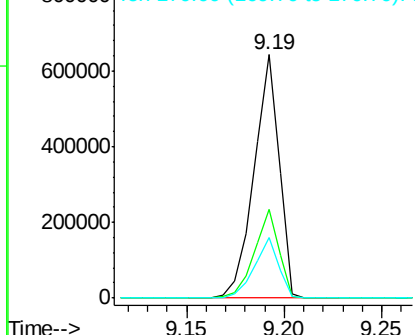
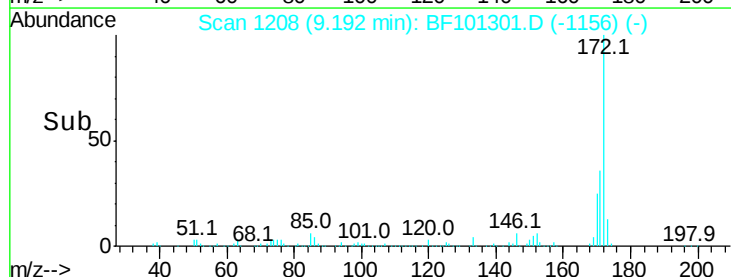


#44
 2-Fluorobiphenyl
 Concen: 104.749 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion:172 Resp: 572718
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.8 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 47.092 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

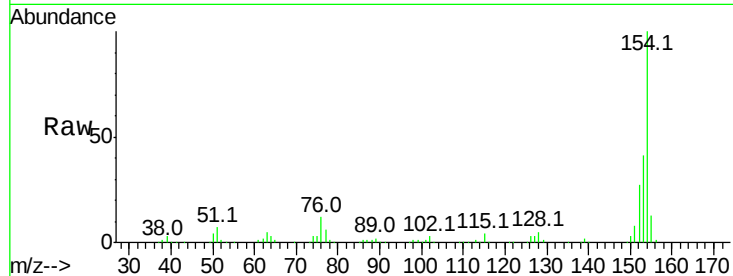
Tot Ion:154 Resp: 322758

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

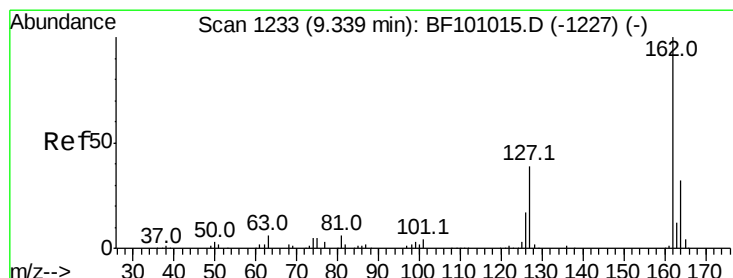
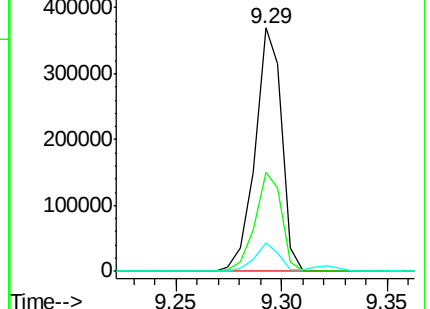
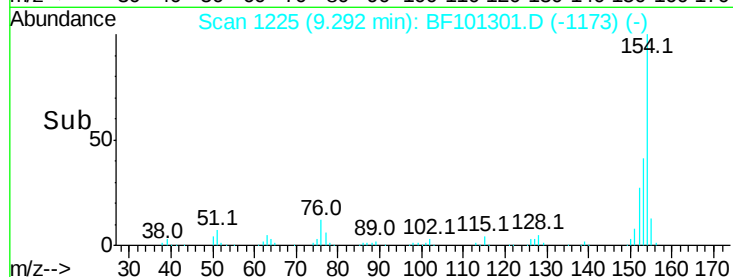
76 11.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 52.263 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

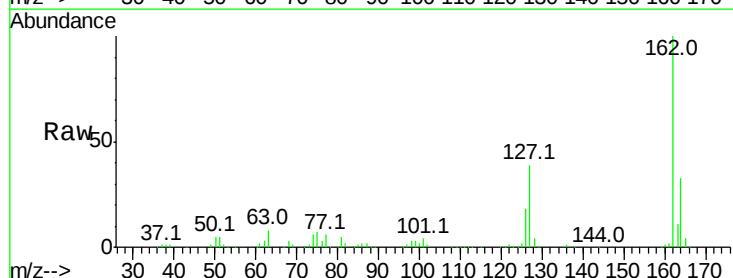
Tgt Ion:162 Resp: 254386

Ion Ratio Lower Upper

162 100

127 39.5 33.9 50.9

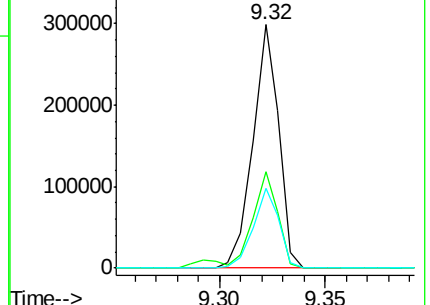
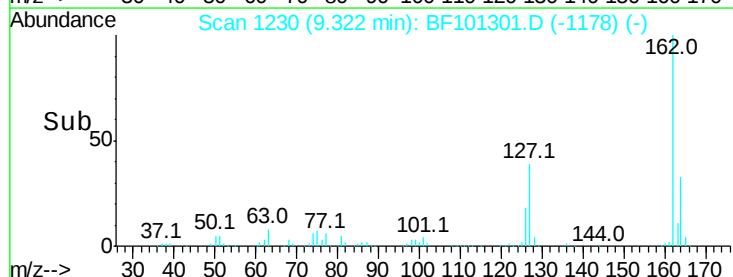
164 32.6 26.5 39.7

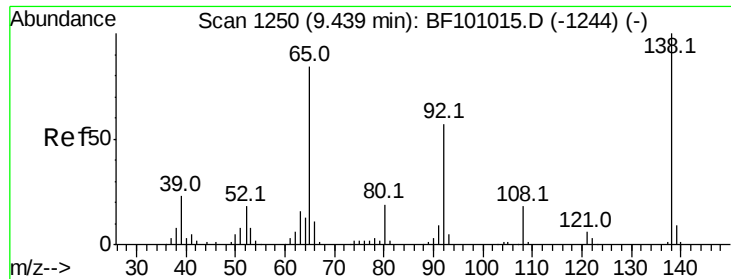


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

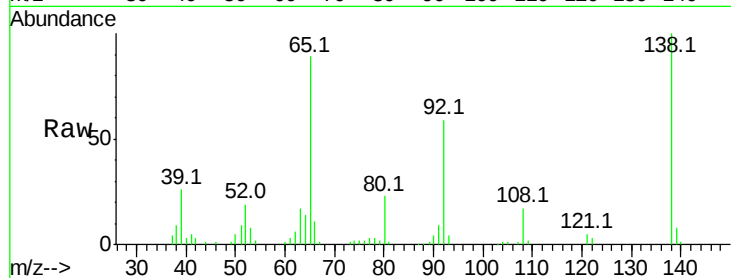




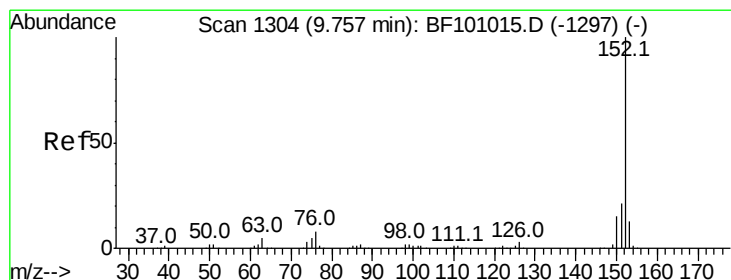
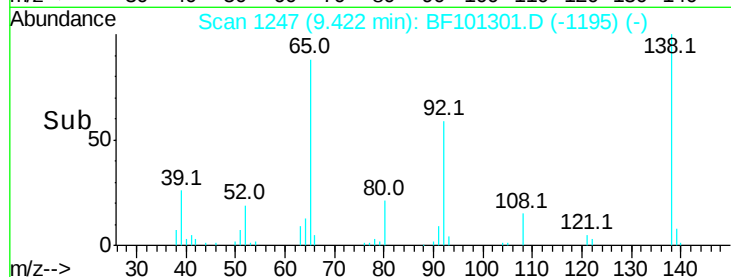
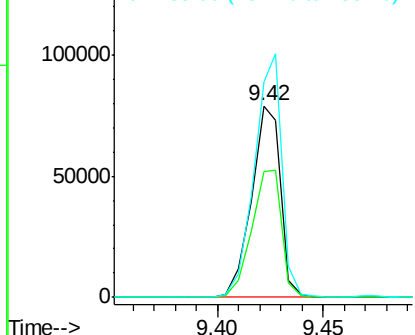
#47
2-Nitroaniline
Concen: 52.301 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 75319
Ion Ratio Lower Upper
65 100
92 65.7 55.8 83.6
138 112.2 91.2 136.8

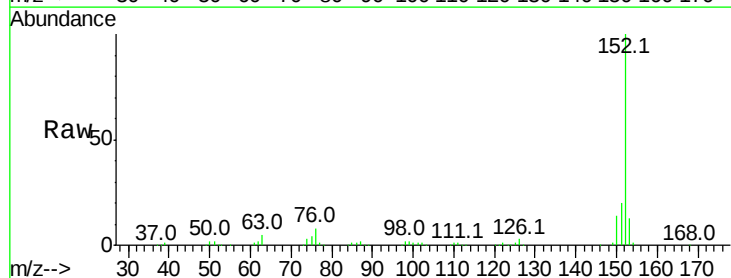


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

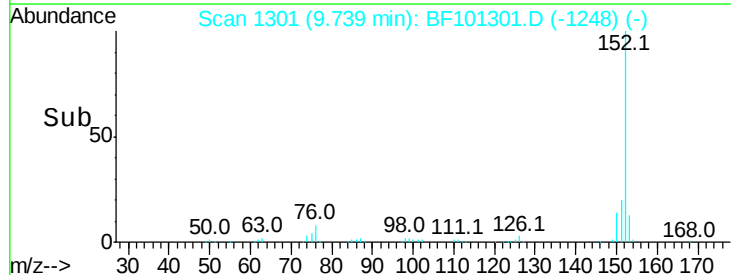
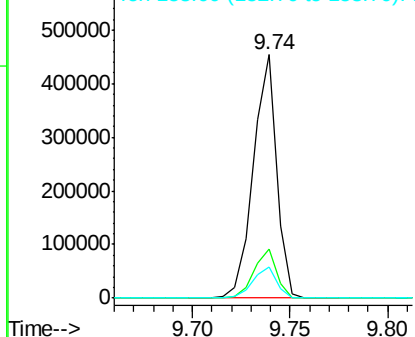


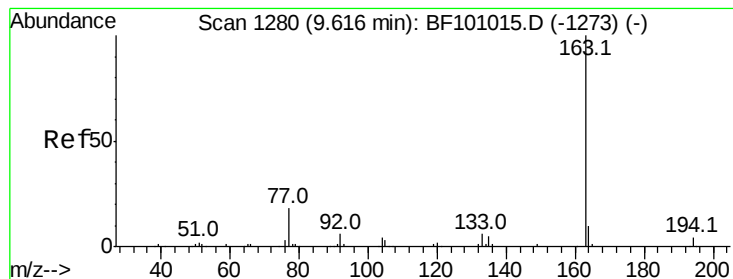
#48
Acenaphthylene
Concen: 46.954 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion:152 Resp: 375590
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 12.7 10.7 16.1



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





#49

Dimethylphthalate

Concen: 57.996 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

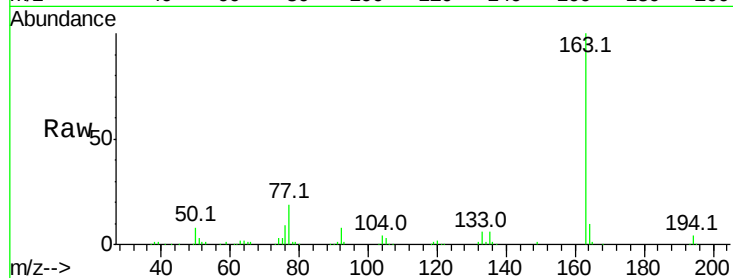
Tot Ion:163 Resp: 349888

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

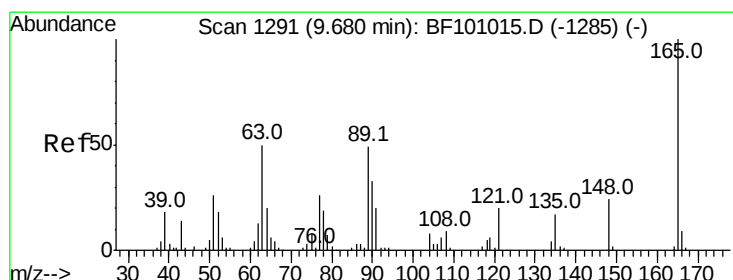
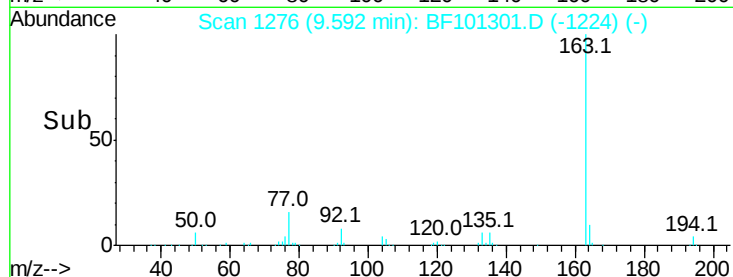
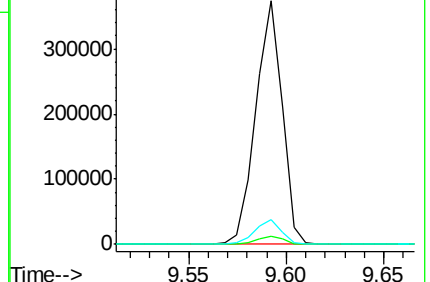
164 10.0 8.2 12.2



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: 47.104 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

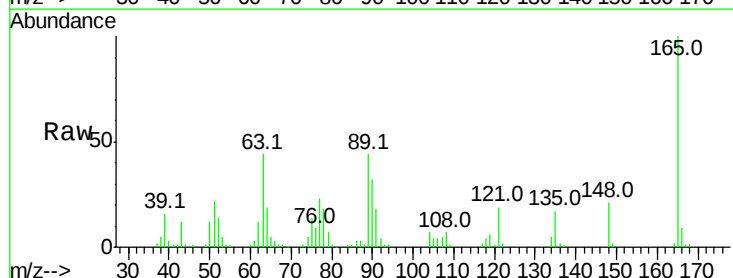
Tgt Ion:165 Resp: 59855

Ion Ratio Lower Upper

165 100

63 43.8 44.7 67.1#

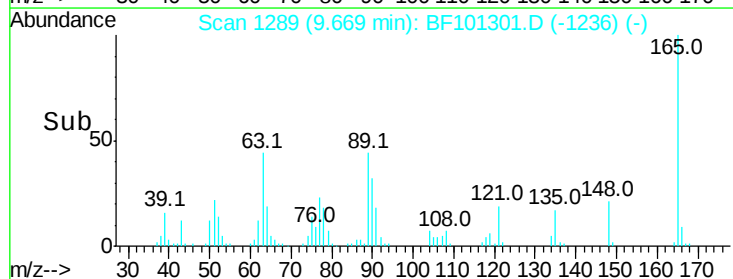
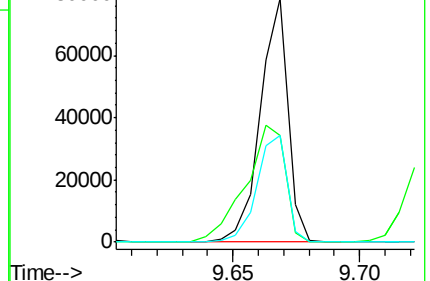
89 43.9 44.0 66.0#

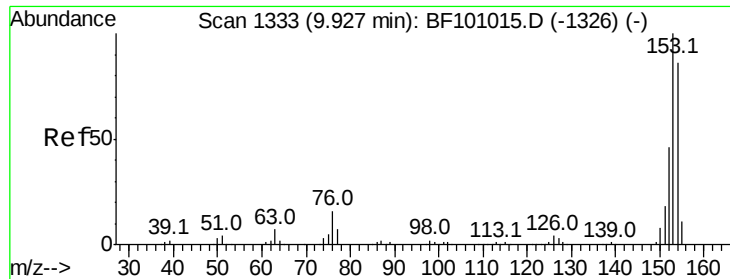


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

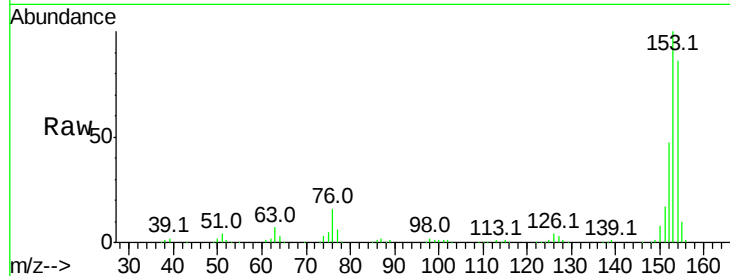




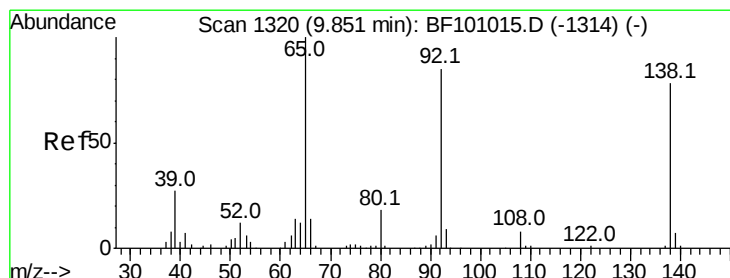
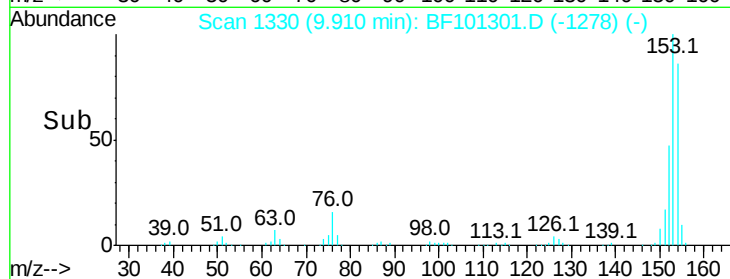
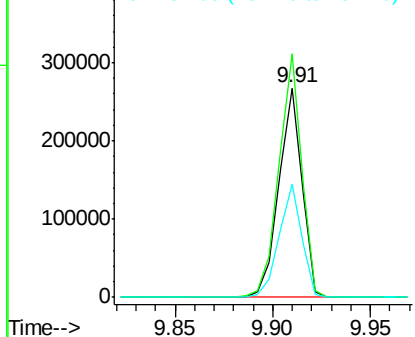
#51
Acenaphthene
Concen: 45.777 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 219265
Ion Ratio Lower Upper
154 100
153 116.4 91.2 136.8
152 54.3 43.8 65.8

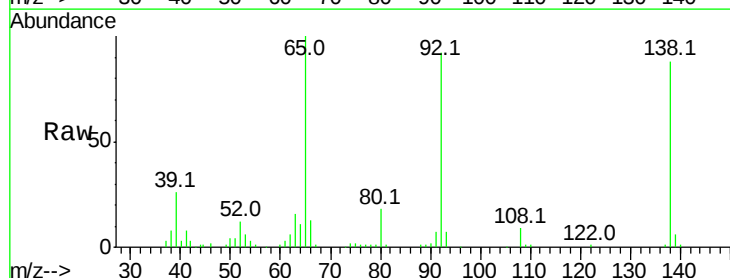


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

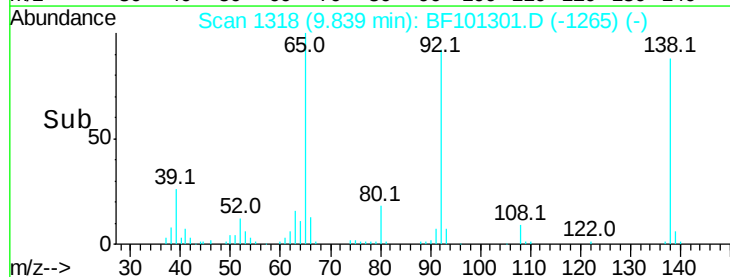
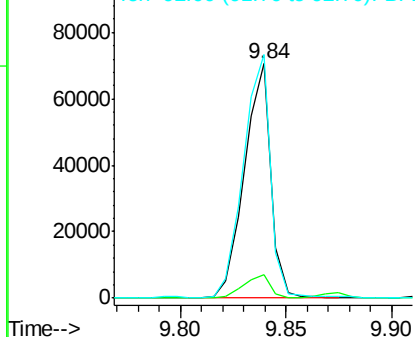


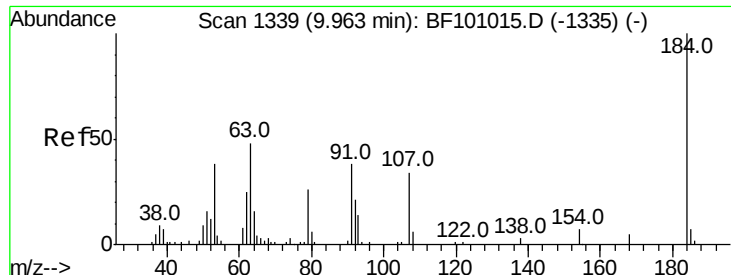
#52
3-Nitroaniline
Concen: 42.714 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion:138 Resp: 61037
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 103.8 89.4 134.2



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

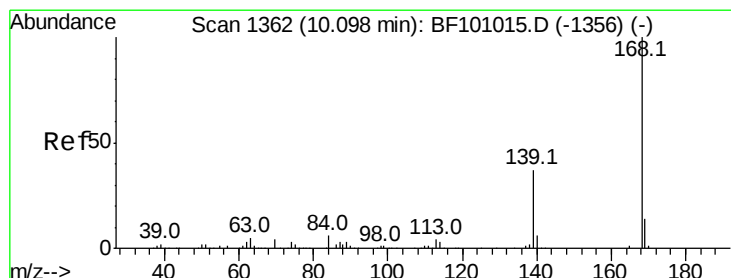
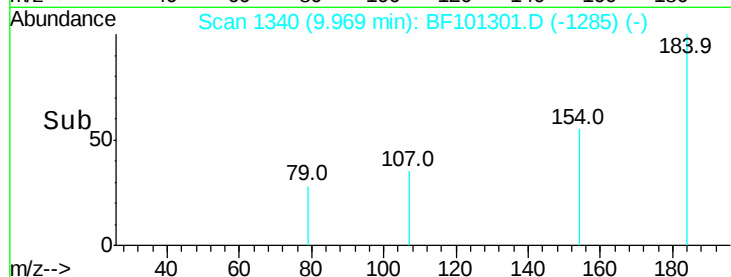
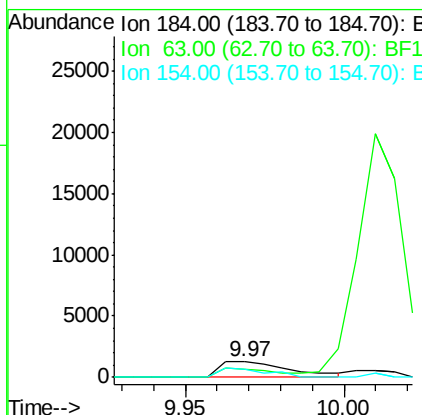
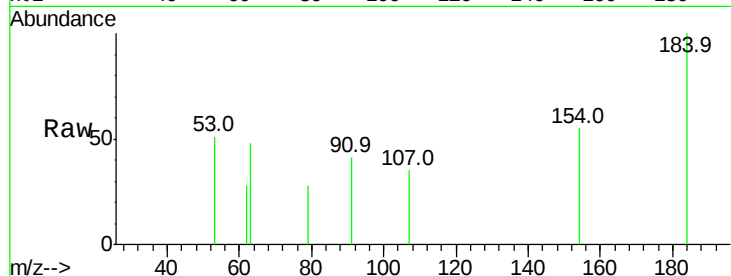




#53
 2,4-Dinitrophenol
 Concen: 7.634 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.02 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

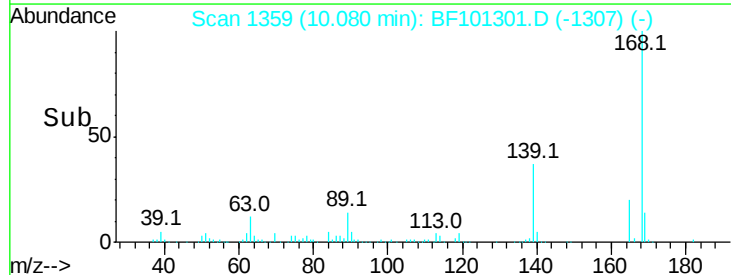
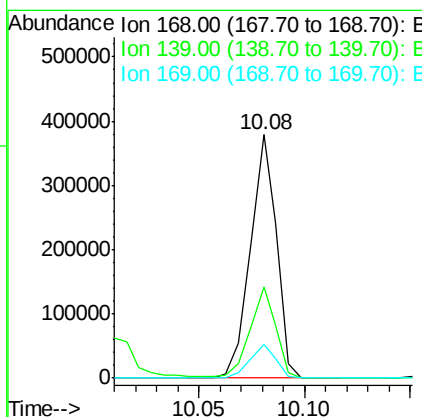
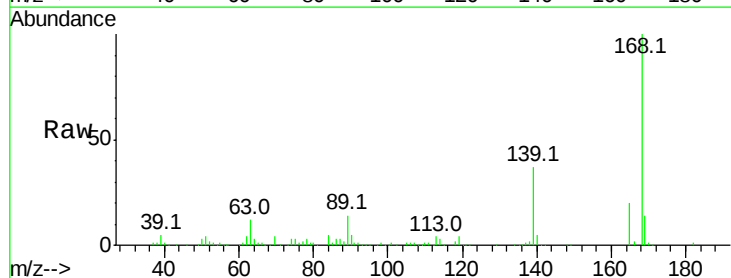
Instrument :
 BNA_F
 ClientSampleId :

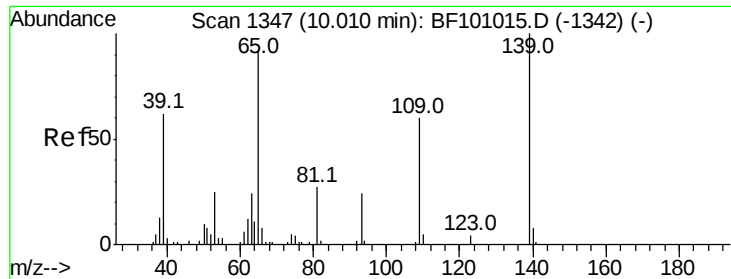
Tot Ion:184 Resp: 1952
 Ion Ratio Lower Upper
 184 100
 63 48.3 54.2 81.2#
 154 55.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 46.992 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion:168 Resp: 324365
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.1 45.1
 169 13.9 10.9 16.3

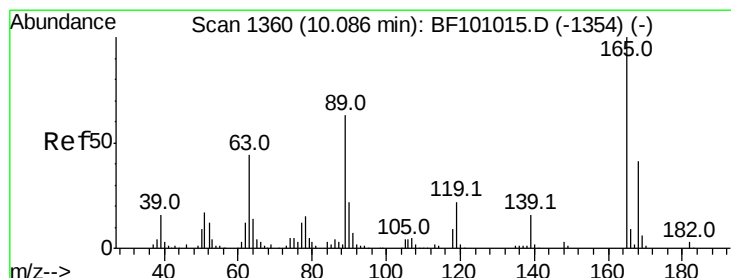
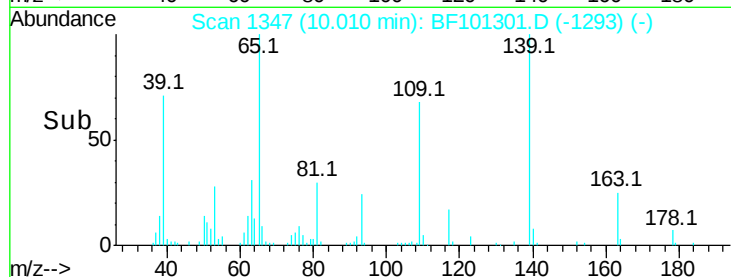
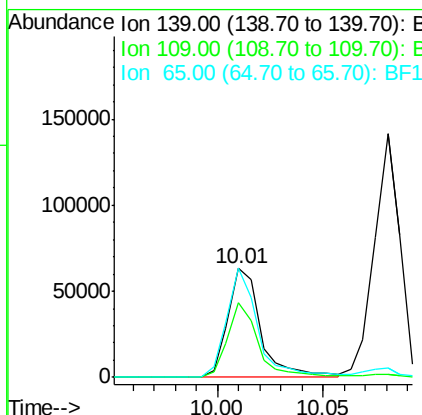
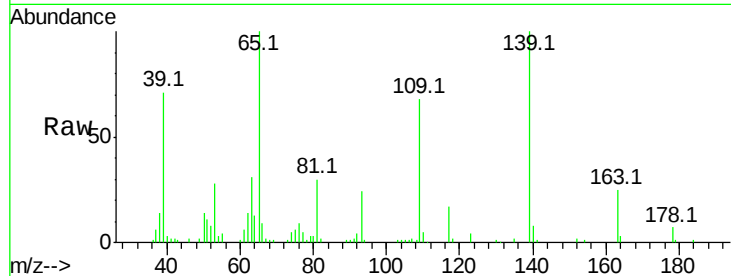




#55
4-Nitrophenol
Concen: 71.038 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

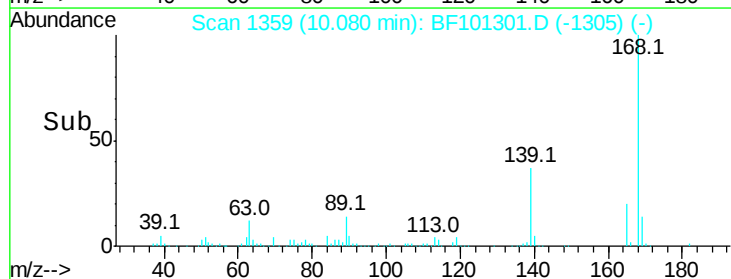
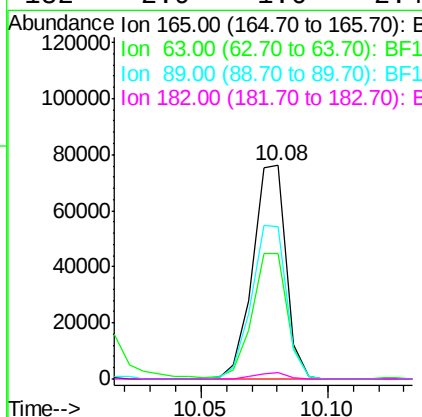
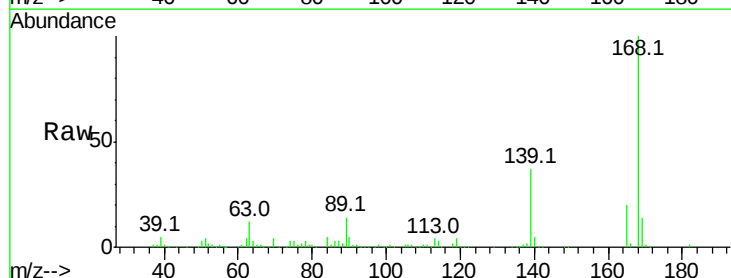
Instrument :
BNA_F
ClientSampleId :

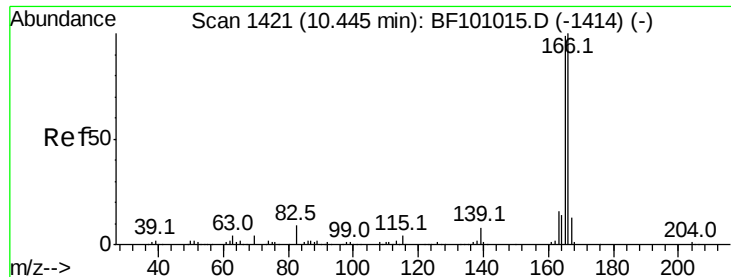
Tot Ion:139 Resp: 68460
Ion Ratio Lower Upper
139 100
109 68.1 48.4 88.4
65 99.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.100 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.02 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion:165 Resp: 69990
Ion Ratio Lower Upper
165 100
63 58.8 36.4 54.6#
89 71.6 57.8 86.6
182 2.9 1.6 2.4#

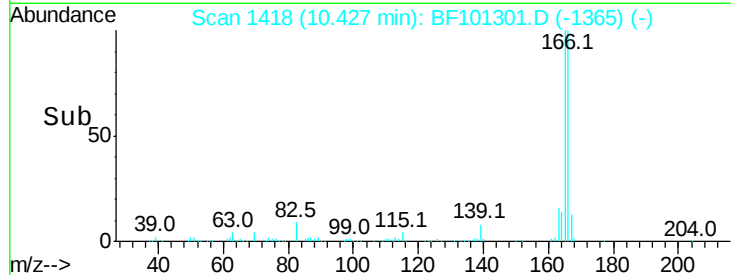
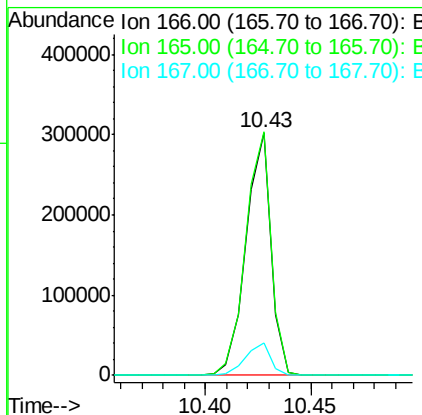
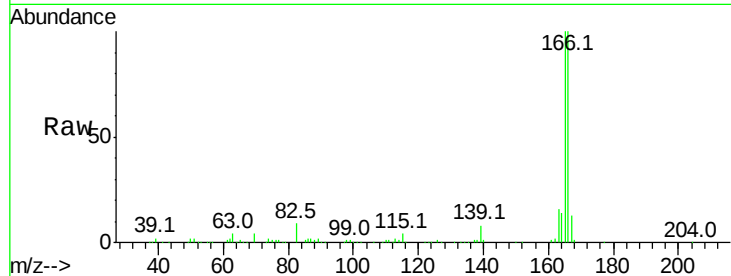




#57
 Fluorene
 Concen: 44.397 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

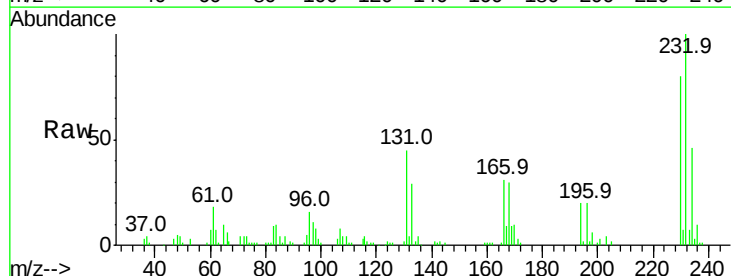
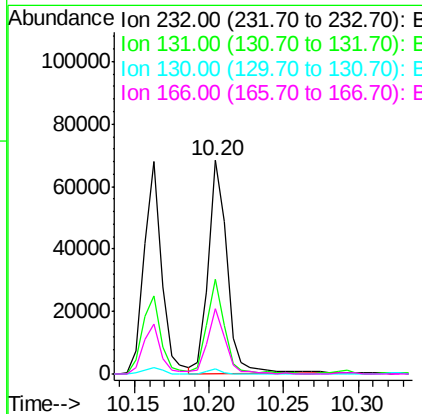
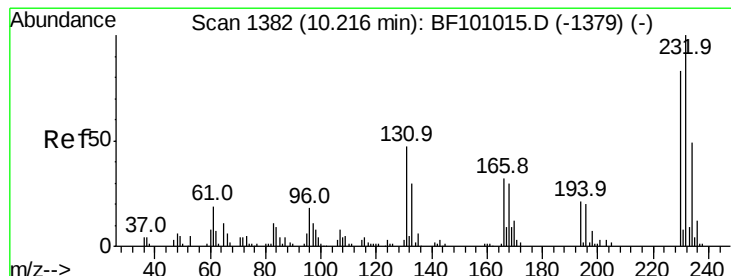
Instrument :
 BNA_F
 ClientSampleId :

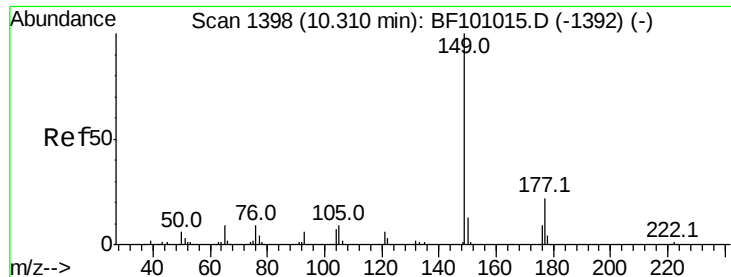
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.559 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.5	43.8	65.8#
130	1.7	2.1	3.1#
166	29.5	27.8	41.6

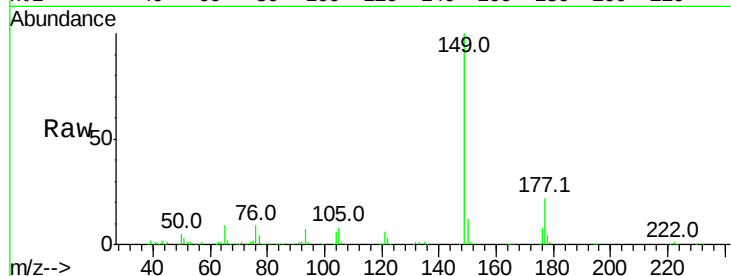




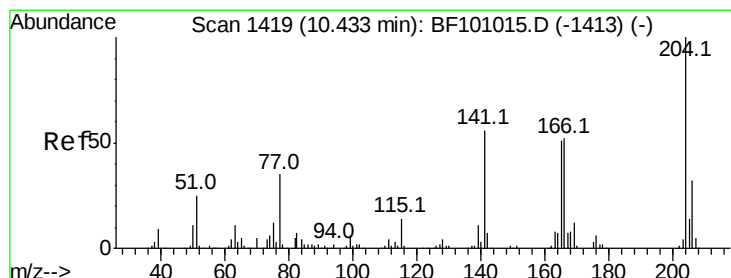
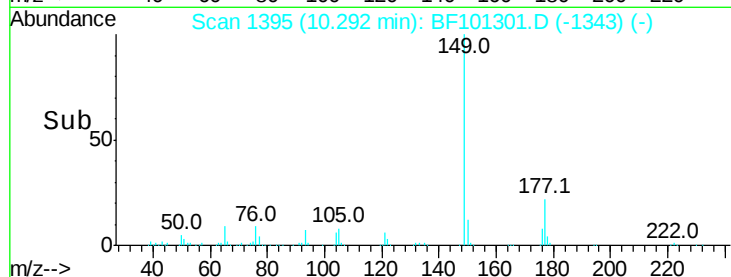
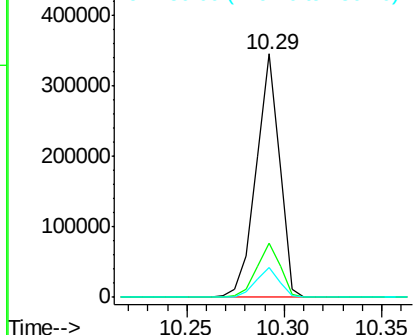
#59
Diethylphthalate
Concen: 48.125 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 286372
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 12.4 10.1 15.1

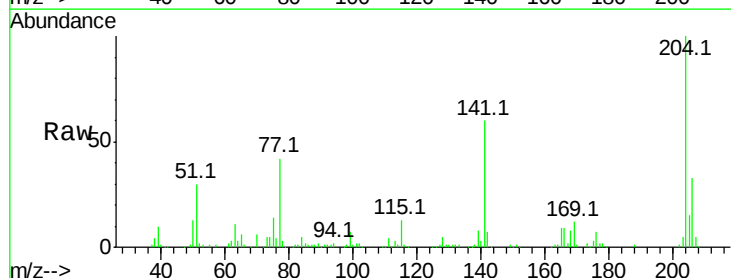


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

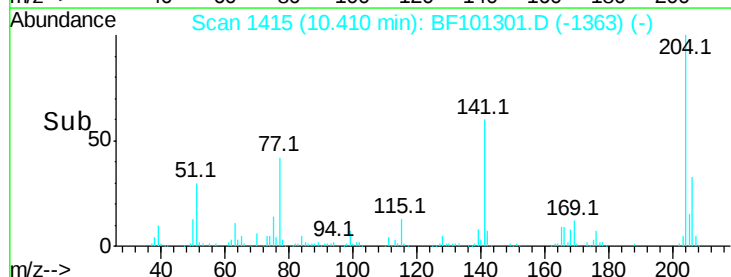
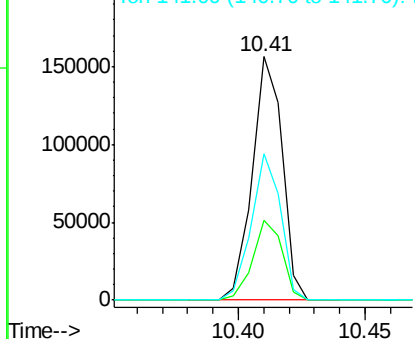


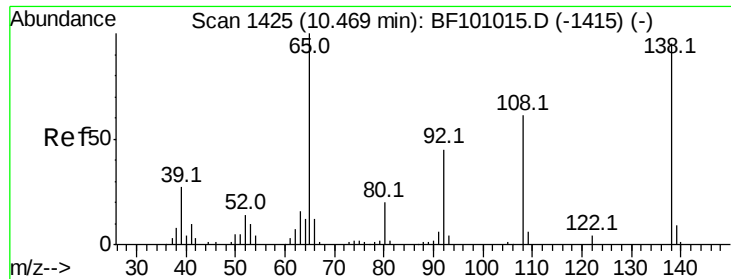
#60
4-Chlorophenyl-phenylether
Concen: 46.627 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion:204 Resp: 129178
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.2 54.6 81.8



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

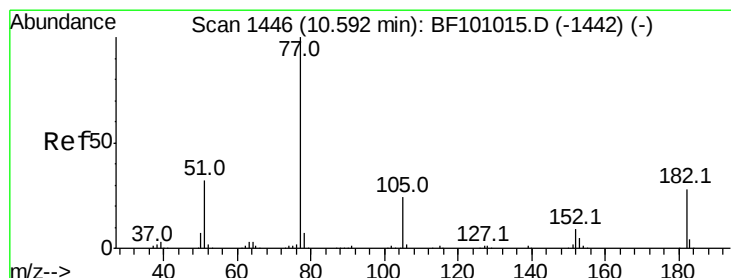
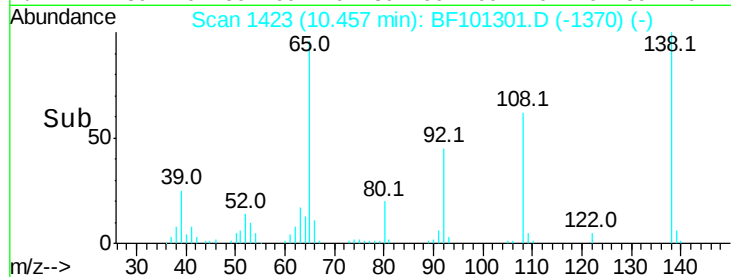
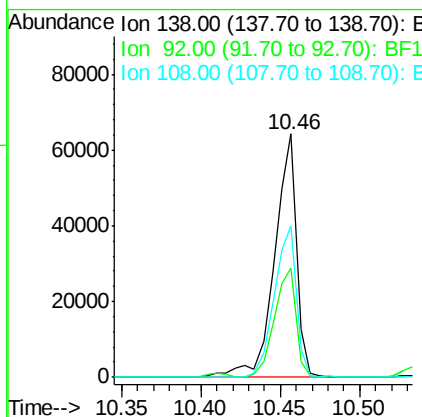
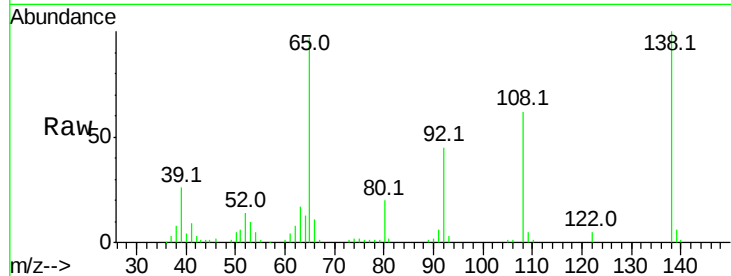




#61
 4-Nitroaniline
 Concen: 41.913 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

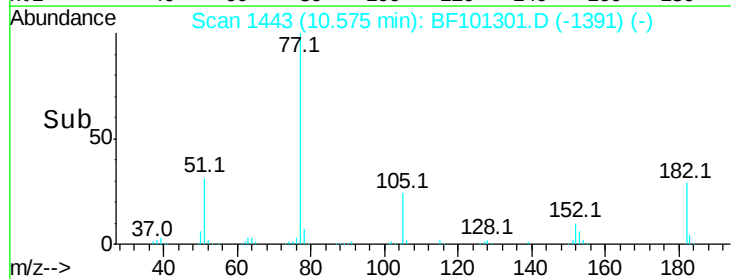
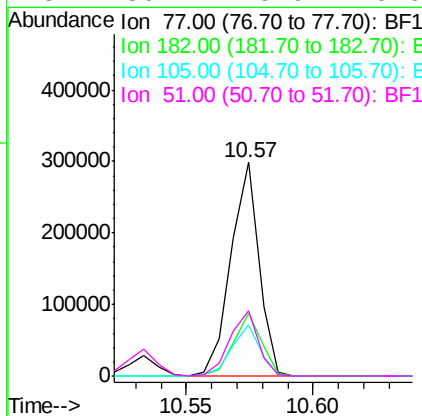
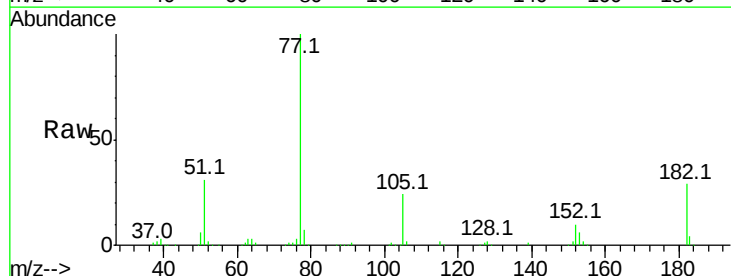
Instrument :
 BNA_F
 ClientSampled :

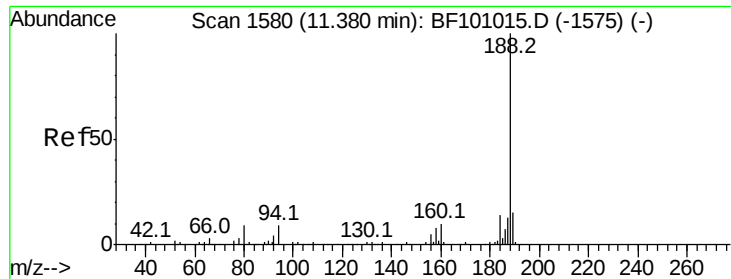
Tot Ion:138 Resp: 62172
 Ion Ratio Lower Upper
 138 100
 92 44.9 30.2 70.2
 108 62.1 52.5 92.5



#62
 Azobenzene
 Concen: 45.534 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion: 77 Resp: 229943
 Ion Ratio Lower Upper
 77 100
 182 29.4 1.7 41.7
 105 24.2 3.0 43.0
 51 30.7 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

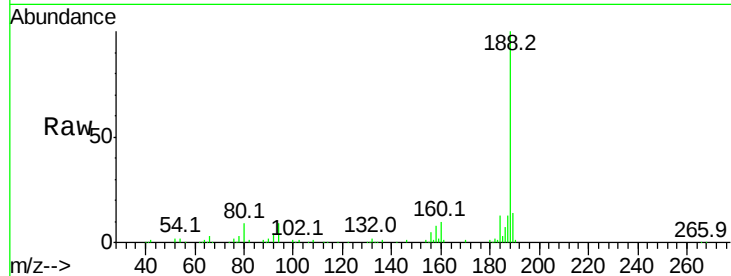
Tot Ion:188 Resp: 122900

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

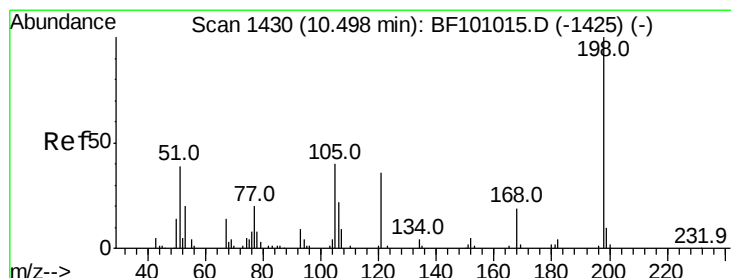
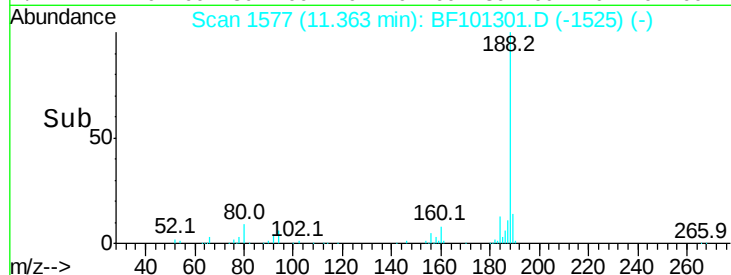
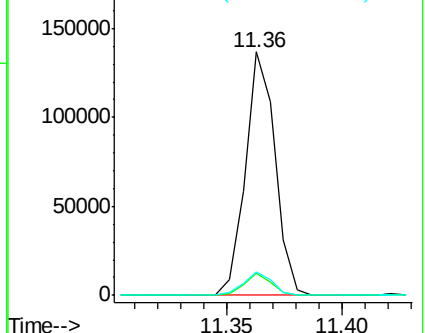
80 9.4 9.2 13.8



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: 4.190 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

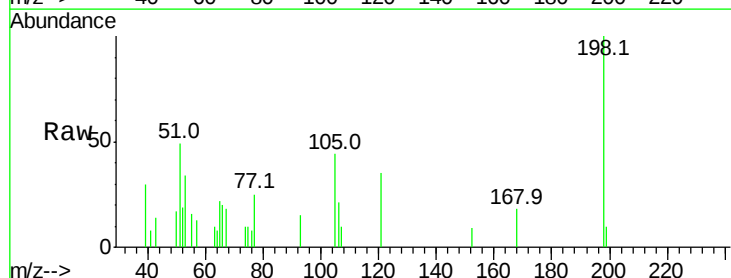
Tgt Ion:198 Resp: 3454

Ion Ratio Lower Upper

198 100

51 49.4 37.7 77.7

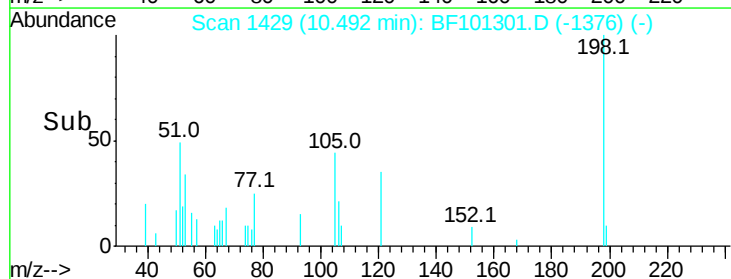
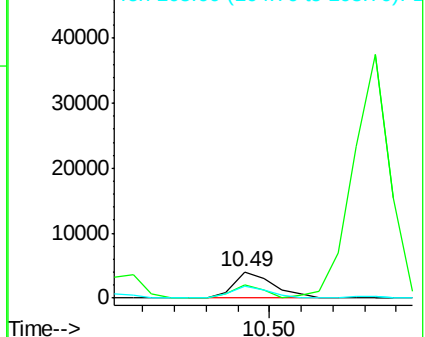
105 43.9 36.3 76.3

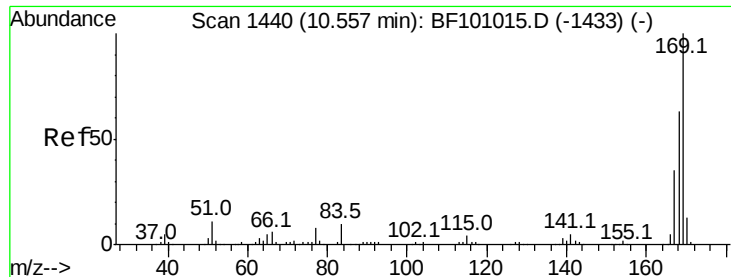


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

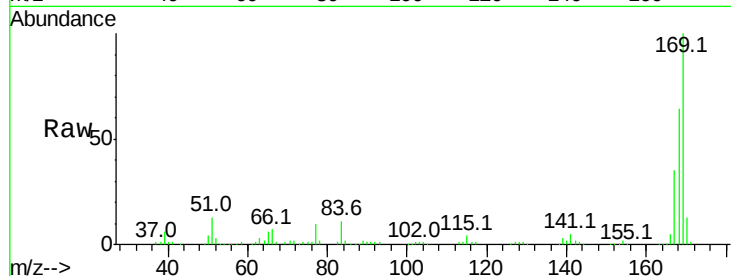




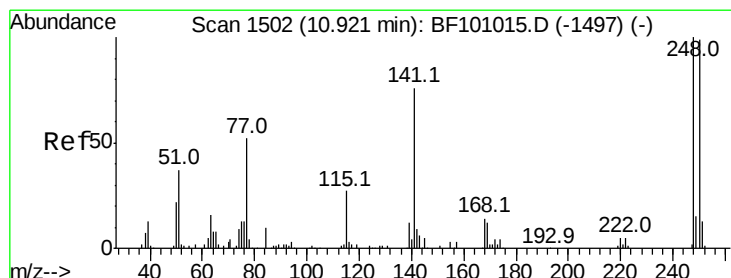
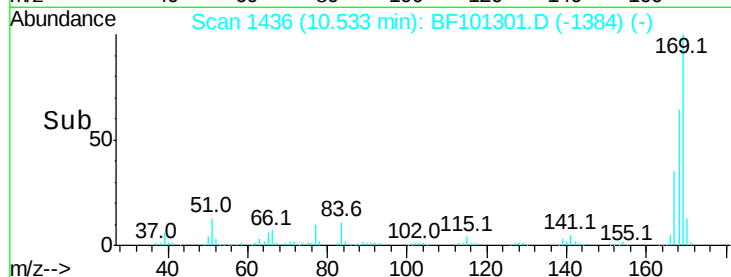
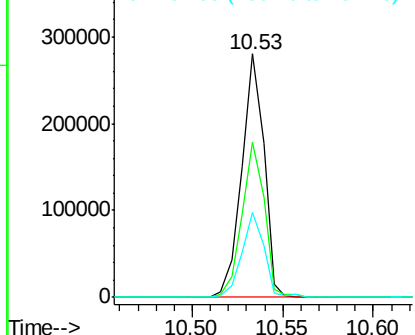
#65
 n-Nitrosodiphenylamine
 Concen: 55.143 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	34.7	29.8	44.6

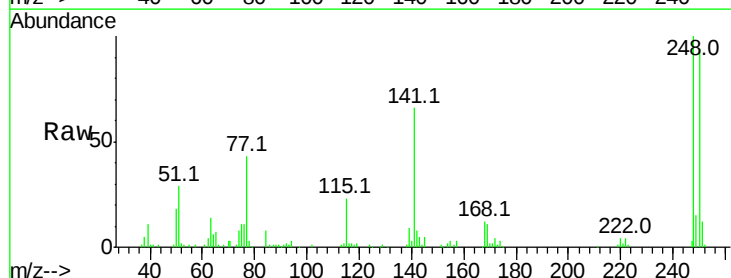


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

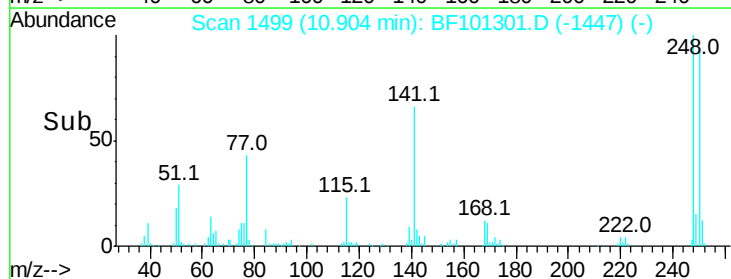
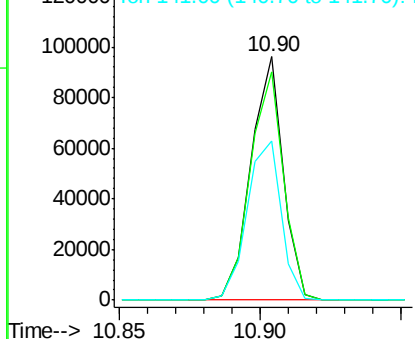


#66
 4-Bromophenyl-phenylether
 Concen: 55.507 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.6	76.9	115.3
141	65.6	74.4	111.6



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





#67

Hexachlorobenzene

Concen: 50.172 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.02 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

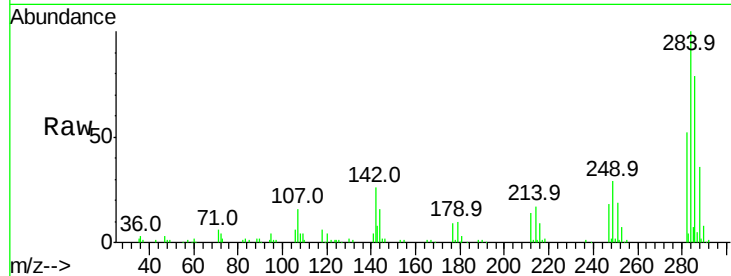
Tot Ion:284 Resp: 73971

Ion Ratio Lower Upper

284 100

142 25.6 34.6 52.0#

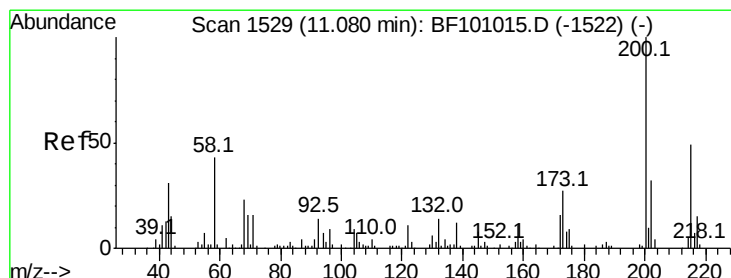
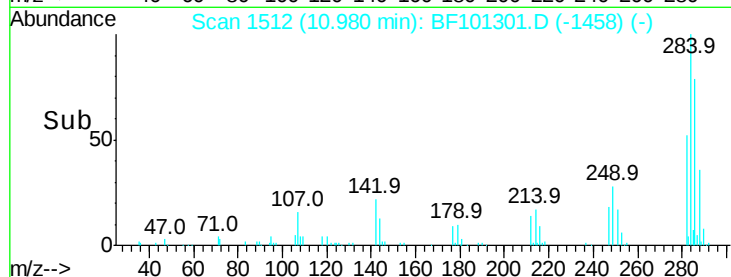
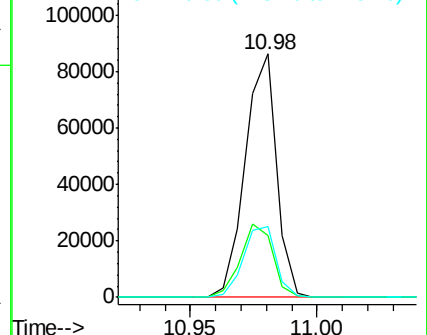
249 29.1 24.8 37.2



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: 51.868 ng

RT: 11.06 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

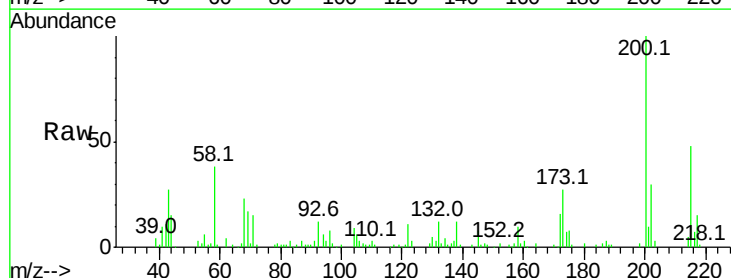
Tgt Ion:200 Resp: 68984

Ion Ratio Lower Upper

200 100

173 26.9 8.6 48.6

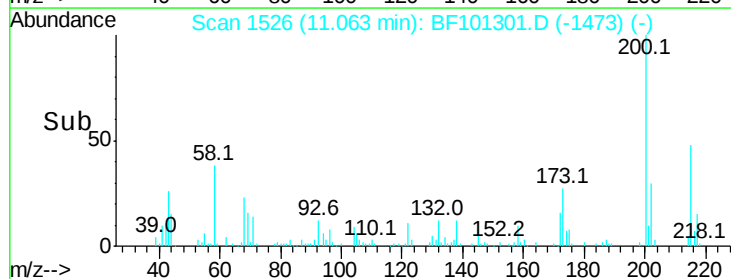
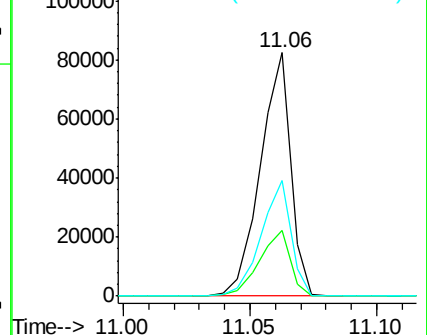
215 47.6 25.1 65.1

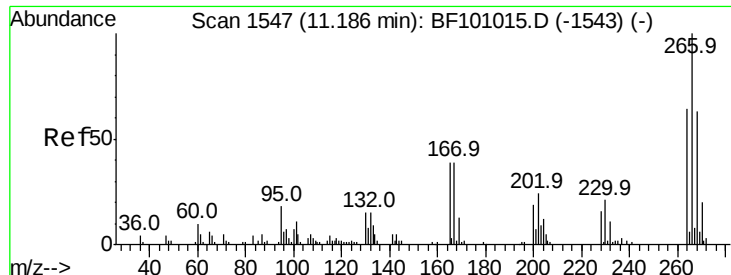


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

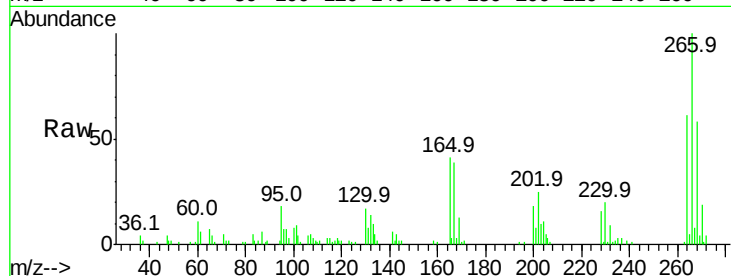




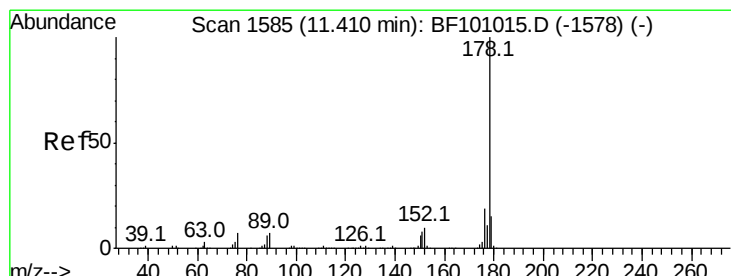
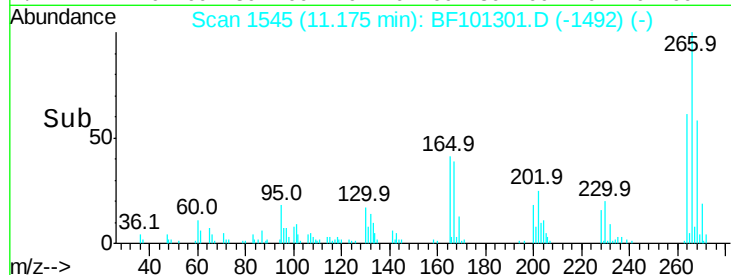
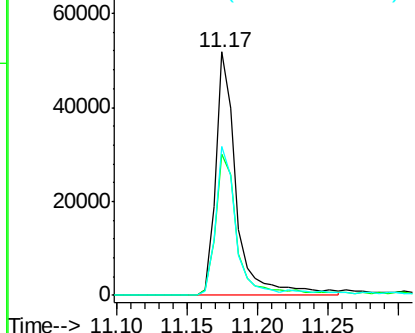
#69
 Pentachlorophenol
 Concen: 65.431 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.2	51.1	76.7
264	61.0	49.5	74.3

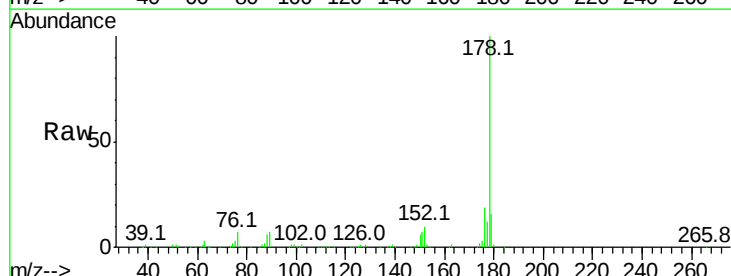


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

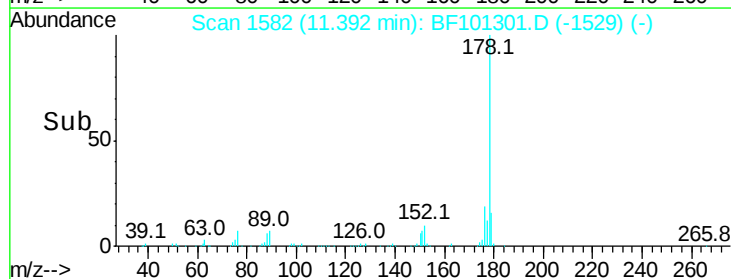
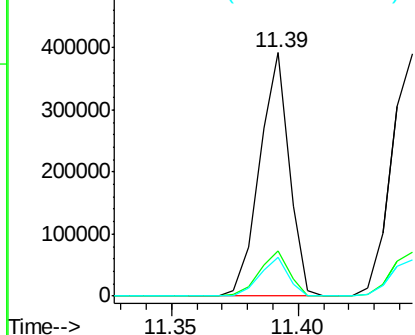


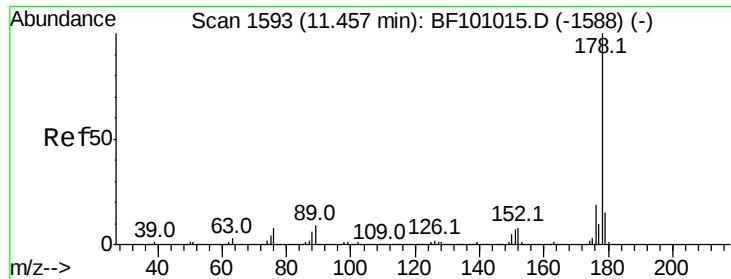
#70
 Phenanthrene
 Concen: 47.316 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.9	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

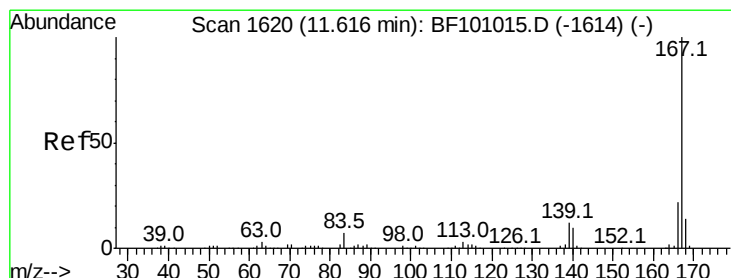
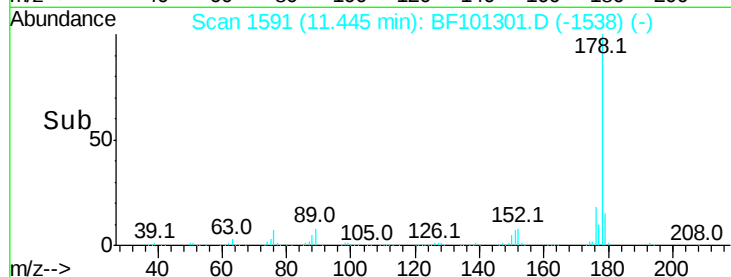
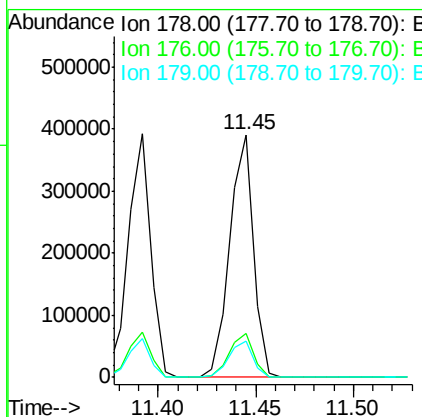
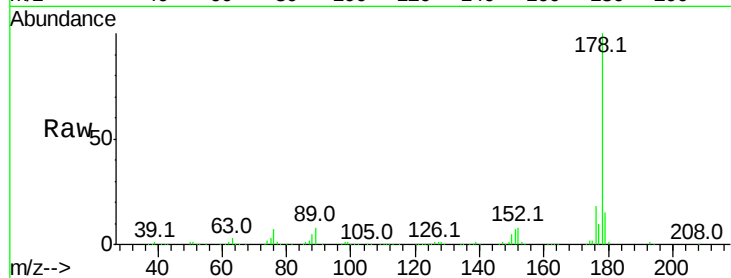




#71
 Anthracene
 Concen: 48.152 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

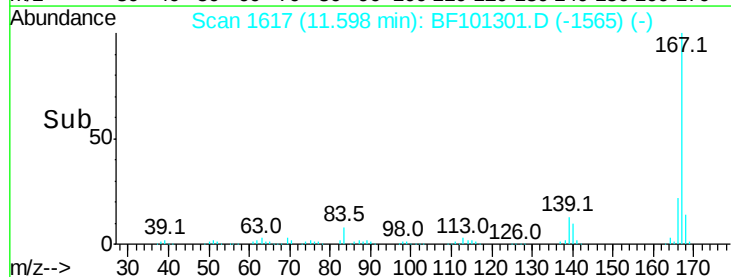
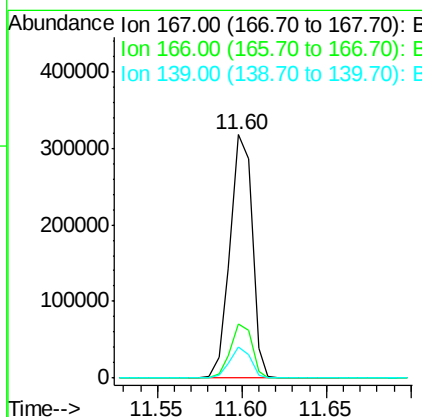
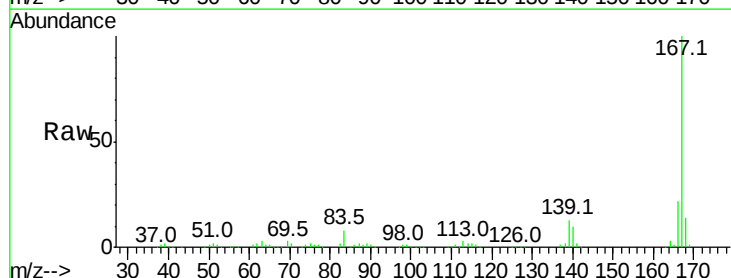
Instrument :
 BNA_F
 ClientSampled :

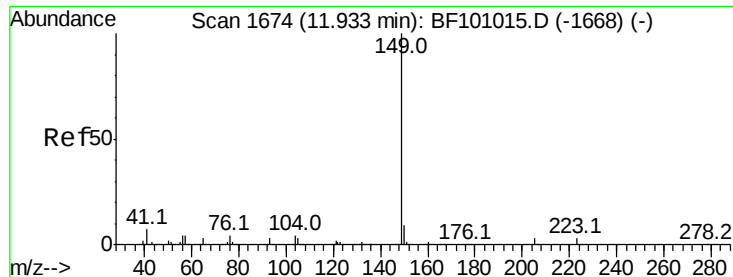
Tot Ion:178 Resp: 329831
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 46.106 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion:167 Resp: 288554
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.0 10.9 16.3

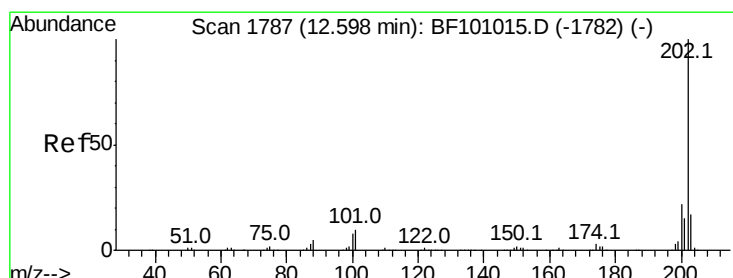
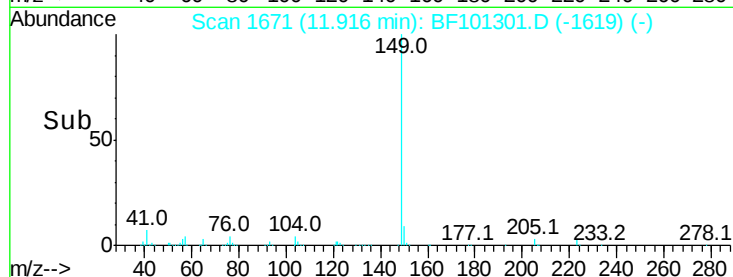
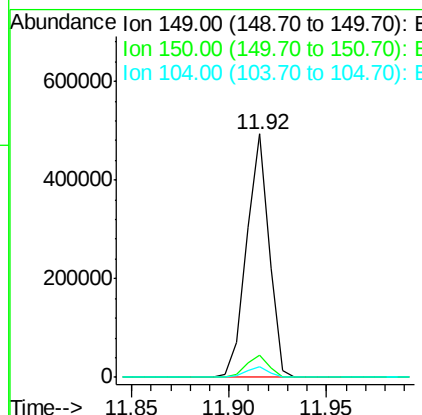
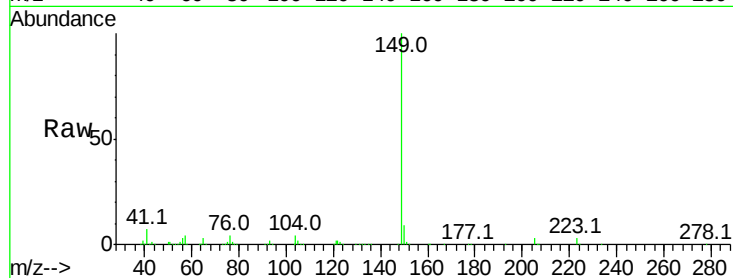




#73
Di-n-butylphthalate
Concen: 50.085 ng
RT: 11.92 min Scan# 1671
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

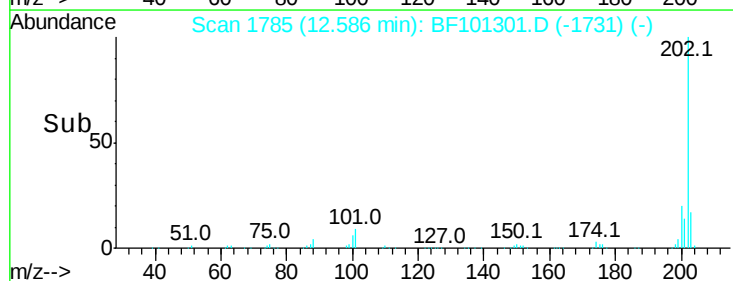
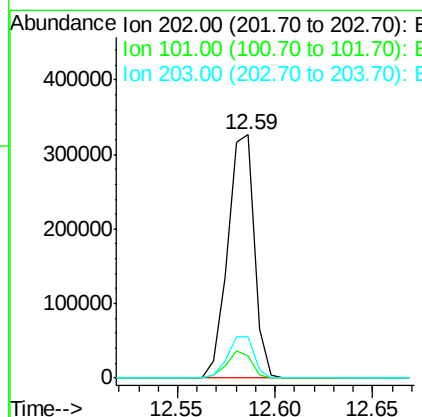
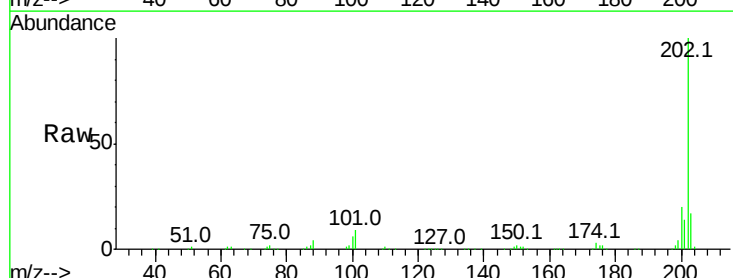
Instrument :
BNA_F
ClientSampleId :

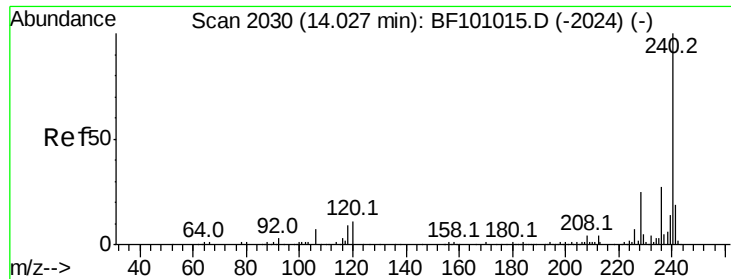
Tot Ion:149 Resp: 392889
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.1 3.8 5.8



#74
Fluoranthene
Concen: 41.152 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.02 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion:202 Resp: 308732
Ion Ratio Lower Upper
202 100
101 9.0 0.0 34.1
203 16.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

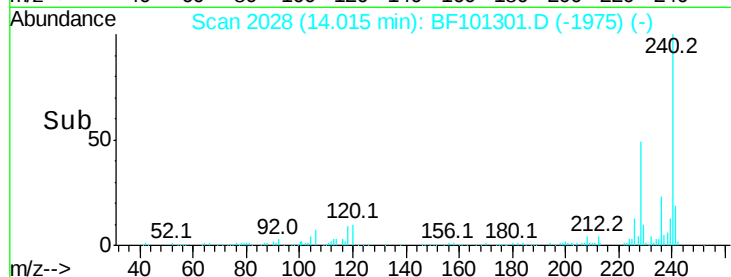
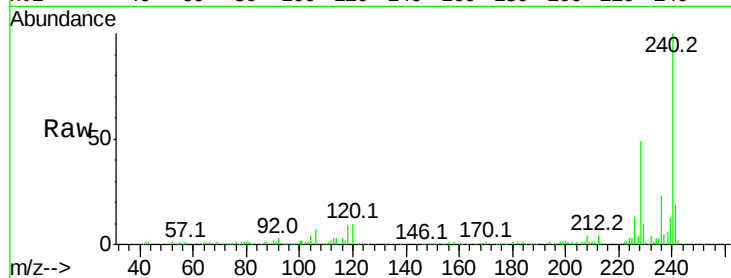
Tot Ion:240 Resp: 94481

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

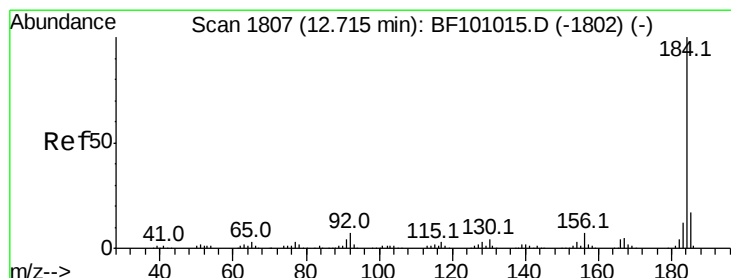
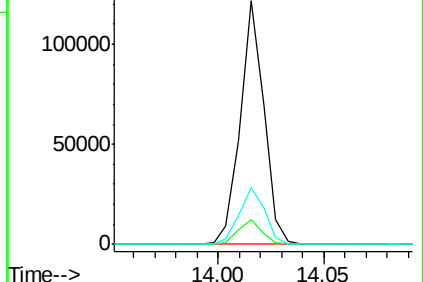
236 23.2 20.7 31.1



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: 58.799 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

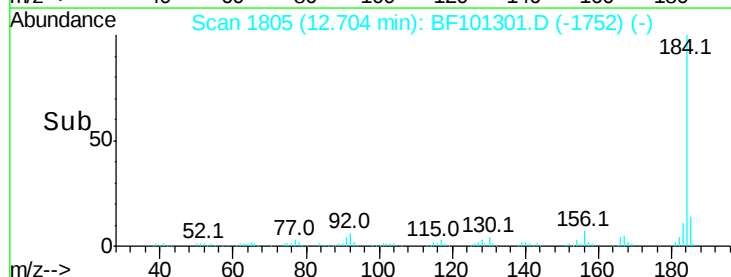
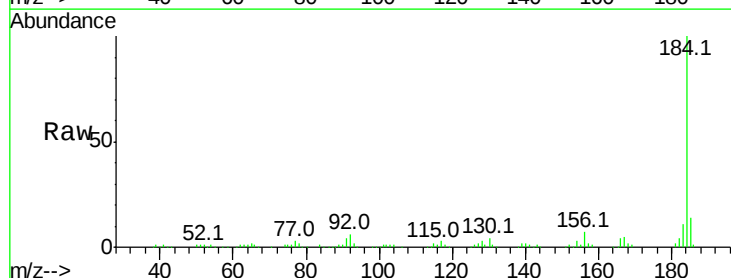
Tgt Ion:184 Resp: 180650

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

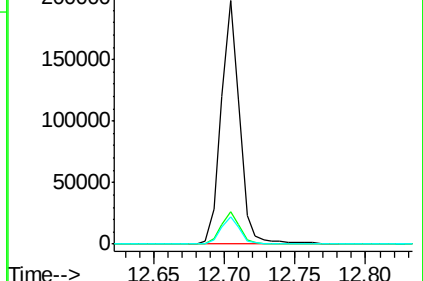
183 11.5 9.3 13.9

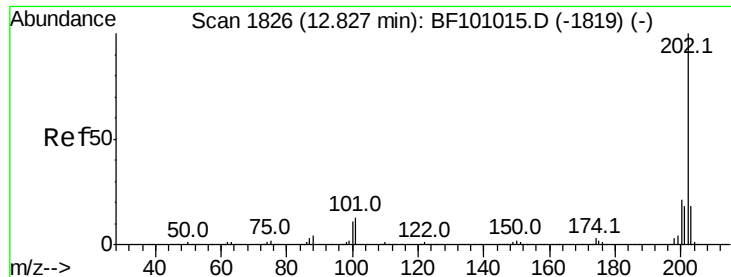


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

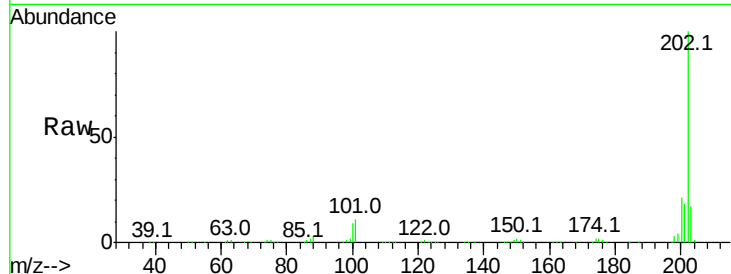




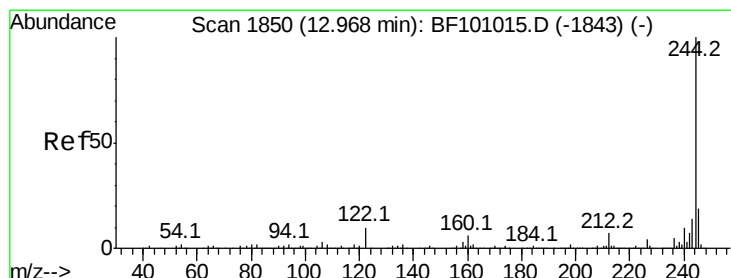
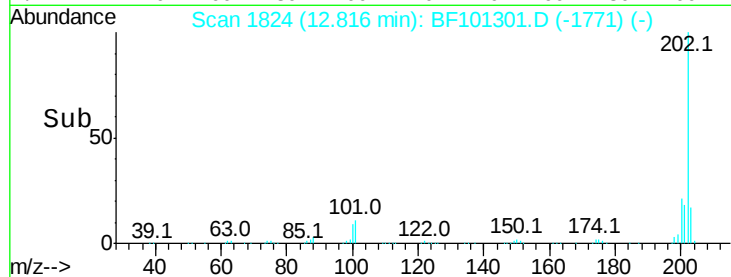
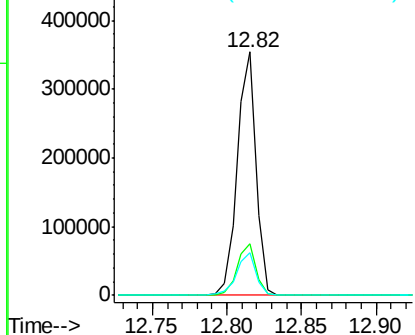
#77
 Pvrene
 Concen: 47.943 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.4	14.3	21.5

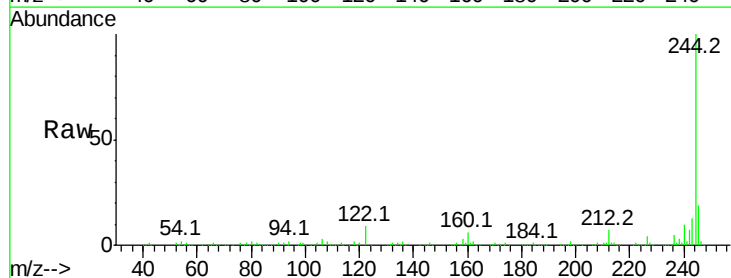


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

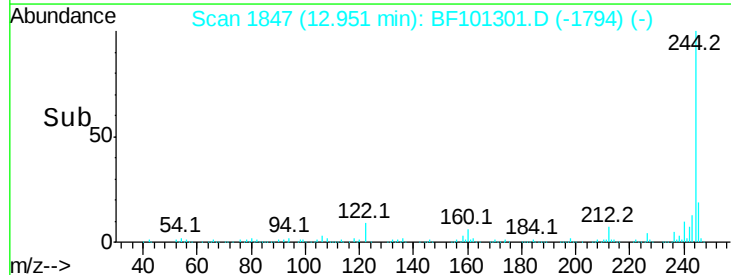
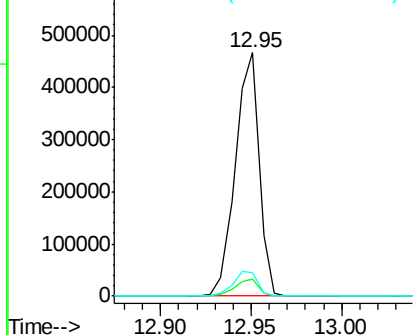


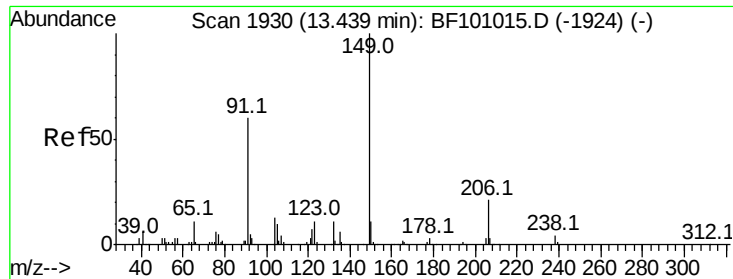
#78
 Terphenyl-d14
 Concen: 98.418 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.4	11.0	16.4#



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

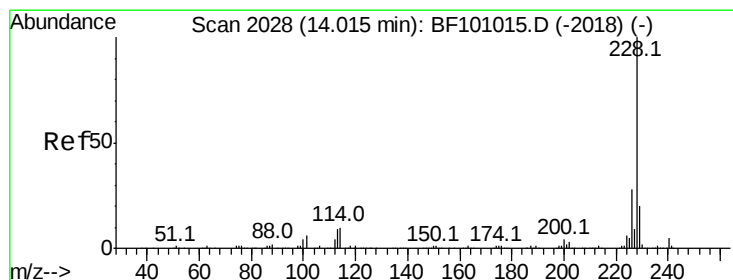
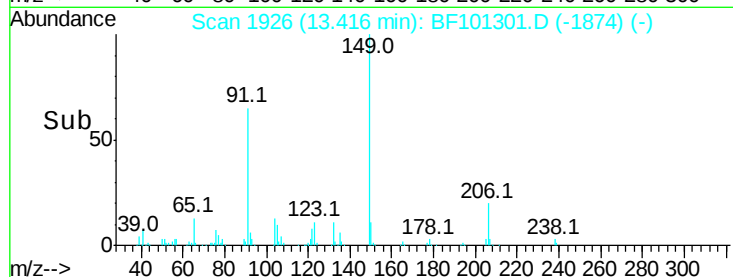
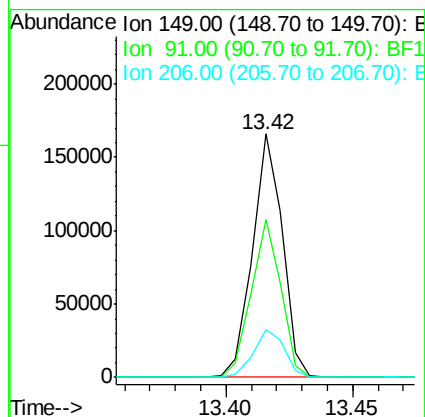
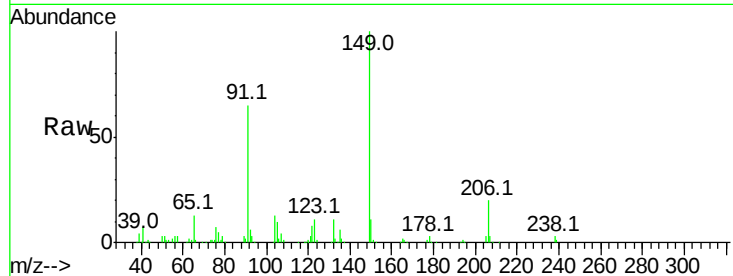




#79
Butylbenzylphthalate
Concen: 47.416 ng
RT: 13.42 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

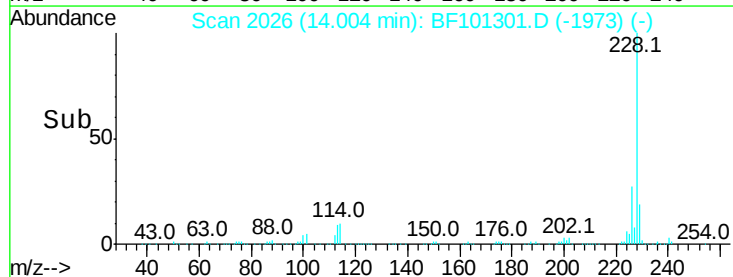
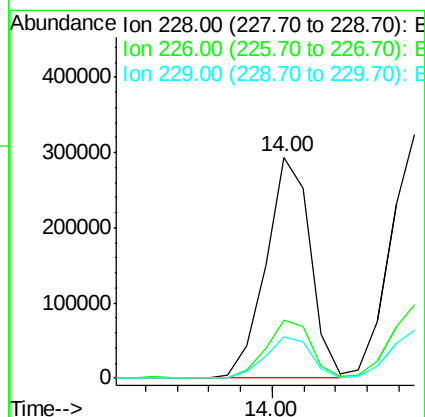
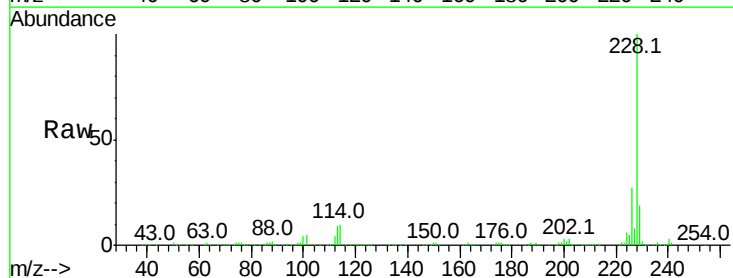
Instrument :
BNA_F
ClientSampleId :

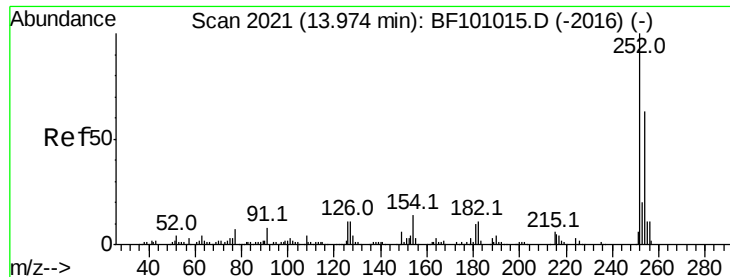
Tot Ion:149 Resp: 136291
Ion Ratio Lower Upper
149 100
91 65.0 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 47.821 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion:228 Resp: 285272
Ion Ratio Lower Upper
228 100
226 26.5 22.6 33.8
229 18.7 15.8 23.6

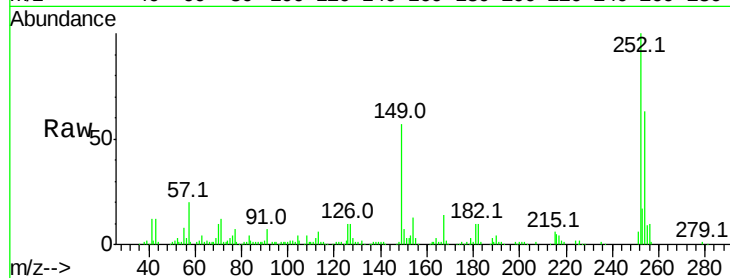




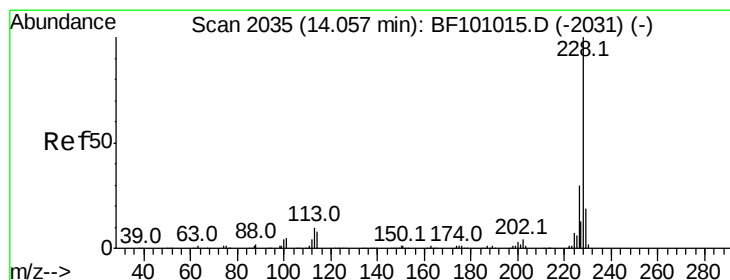
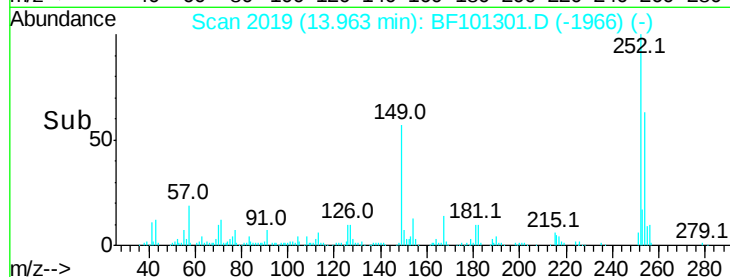
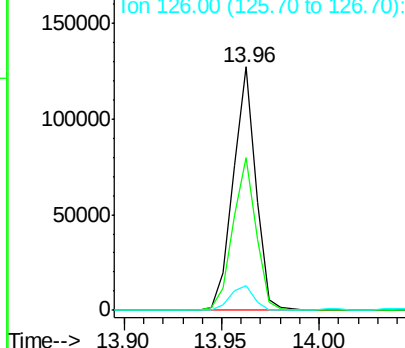
#81
 3,3'-Dichlorobenzidine
 Concen: 49.361 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	10.0	11.3	16.9#

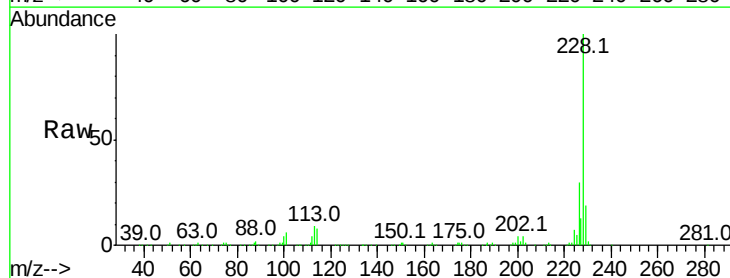


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

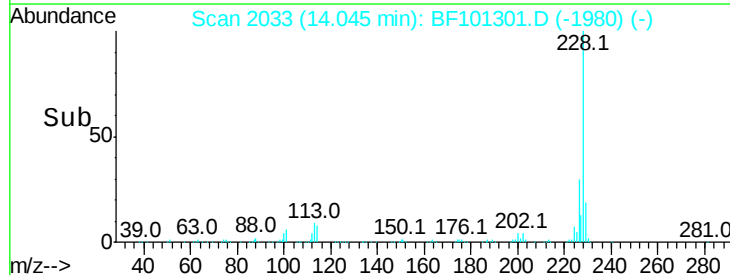
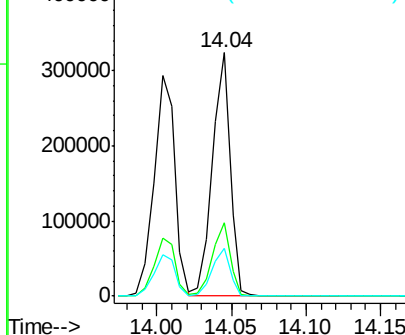


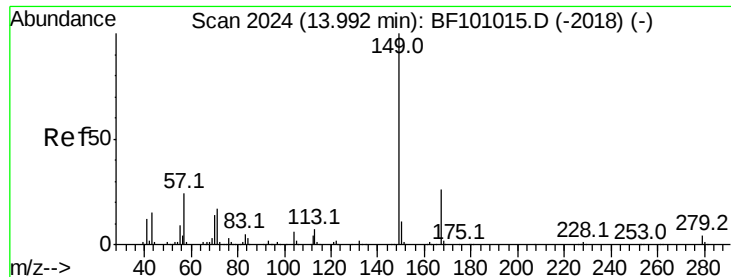
#82
 Chrysene
 Concen: 48.741 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.4	16.2	24.4



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

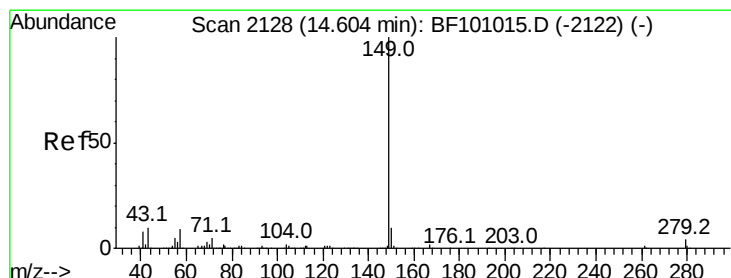
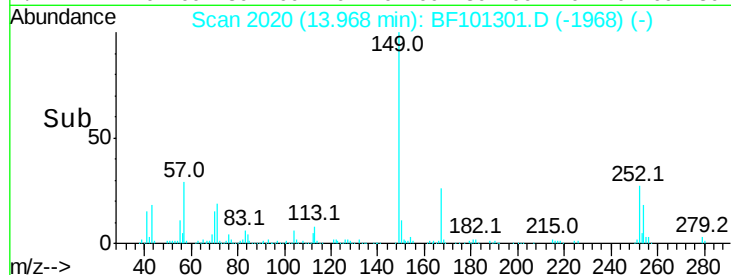
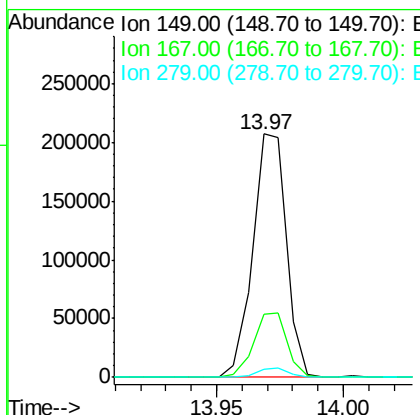
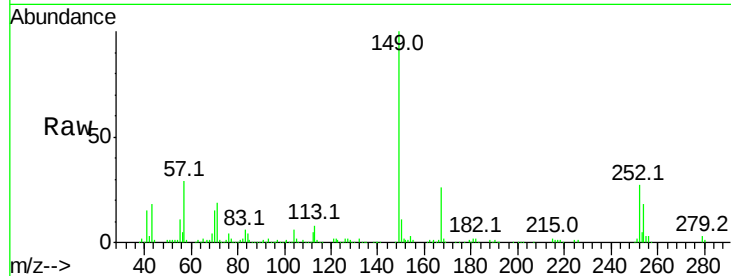




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.940 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

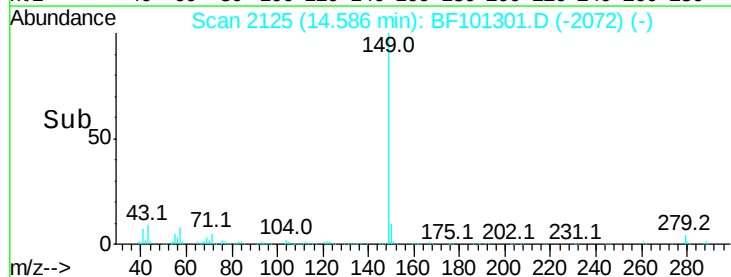
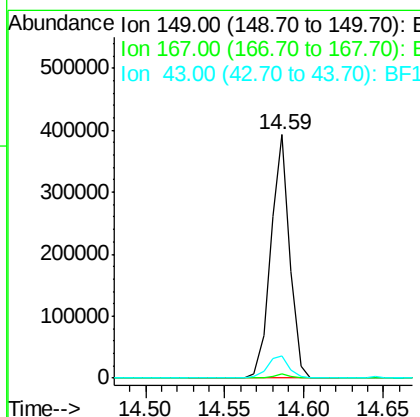
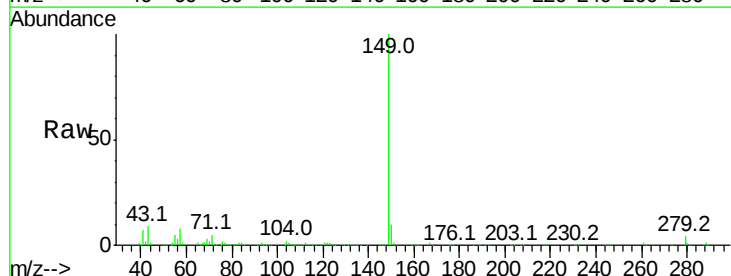
Instrument :
 BNA_F
 ClientSampleID :

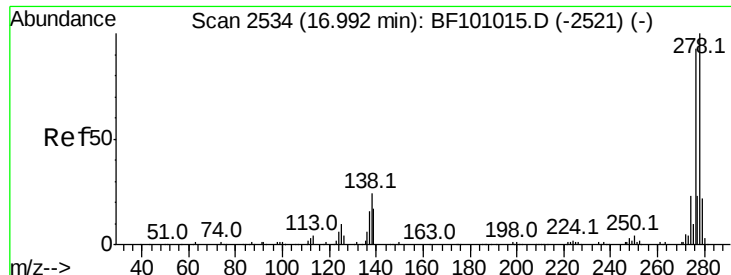
Tot Ion:149 Resp: 192378
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 47.802 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Tgt Ion:149 Resp: 326192
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.4 12.6

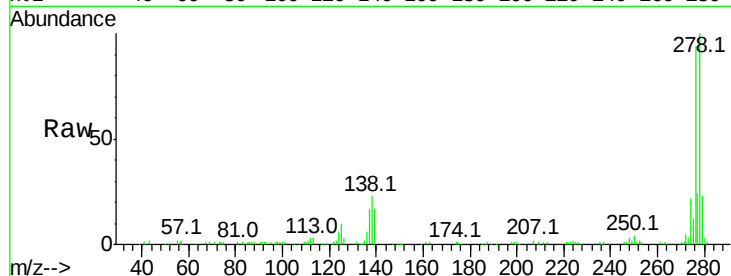




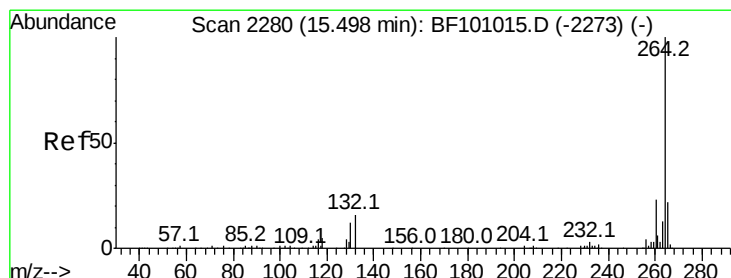
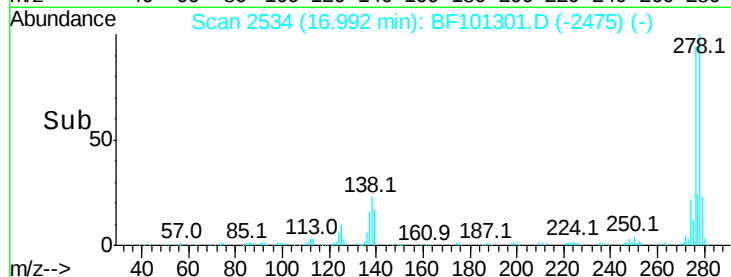
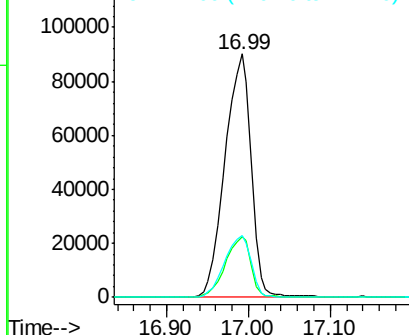
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.829 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.05 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.0	37.6#
277	25.6	20.1	30.1

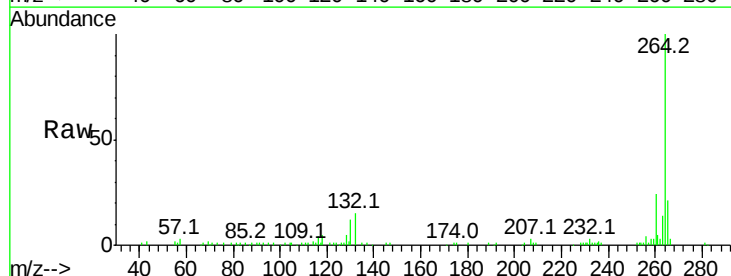


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

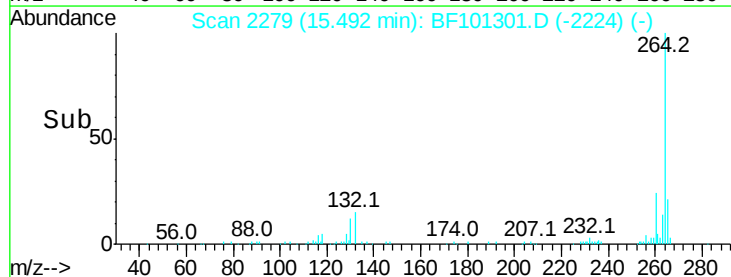
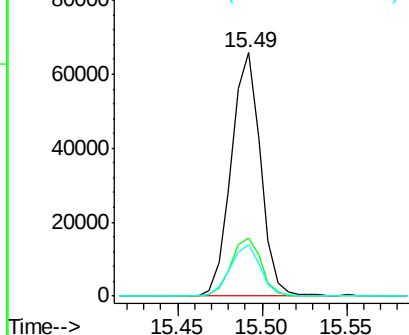


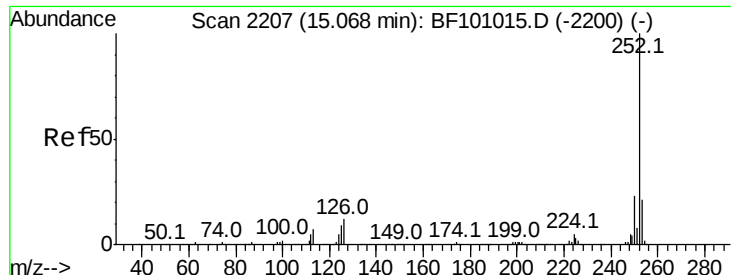
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.5	26.3



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

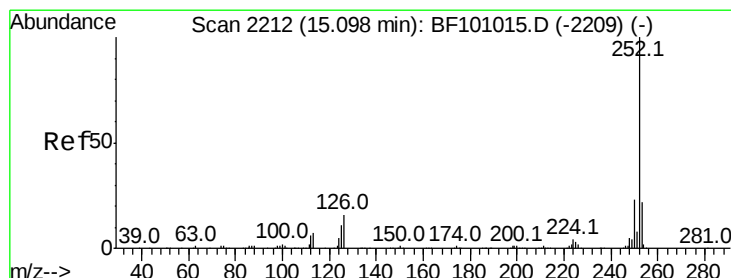
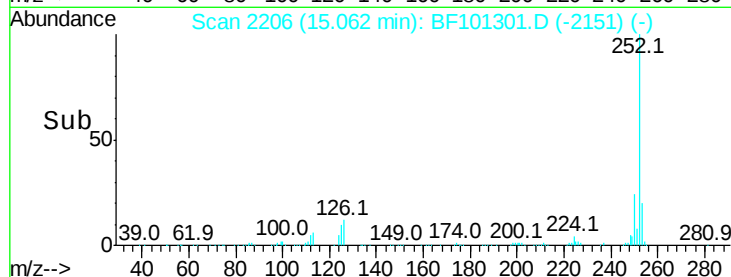
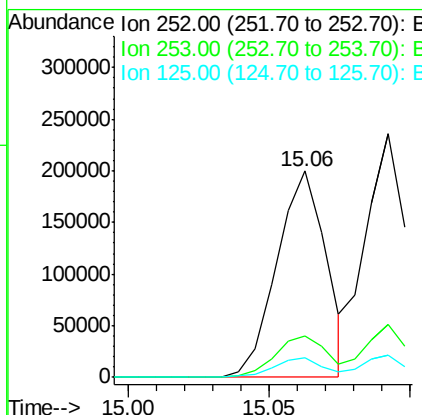
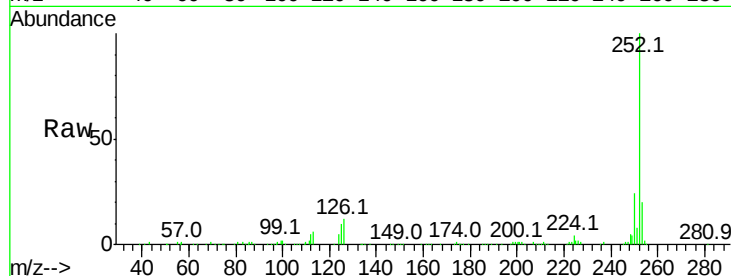




#87
Benzo(b)fluoranthene
Concen: 50.979 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

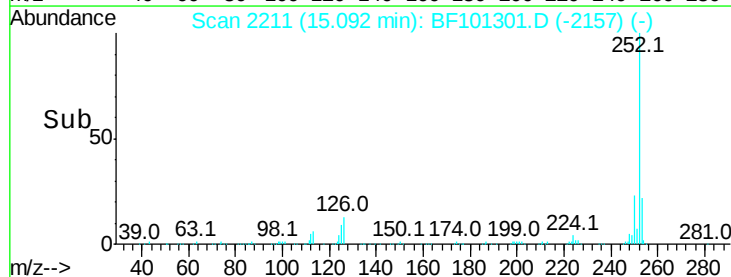
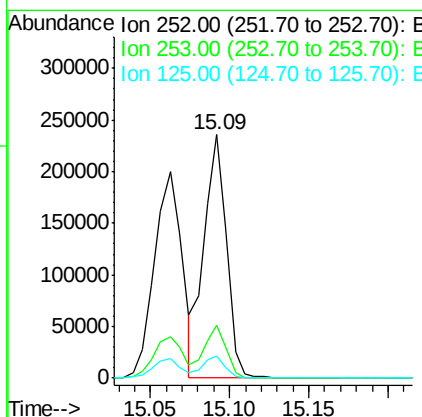
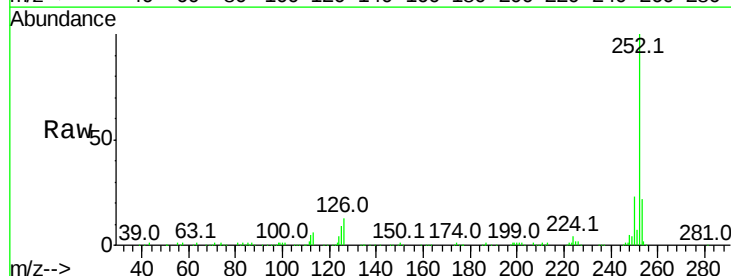
Instrument :
BNA_F
ClientSampleId :

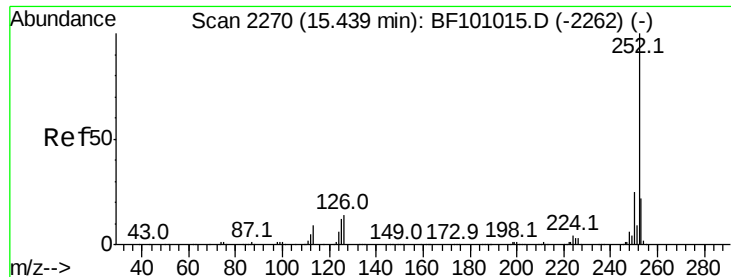
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.0	25.6
125	9.7	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 50.053 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.02 min
Lab File: BF101301.D
Acq: 11 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 49.972 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.02 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

Instrument :

BNA_F

ClientSampleId :

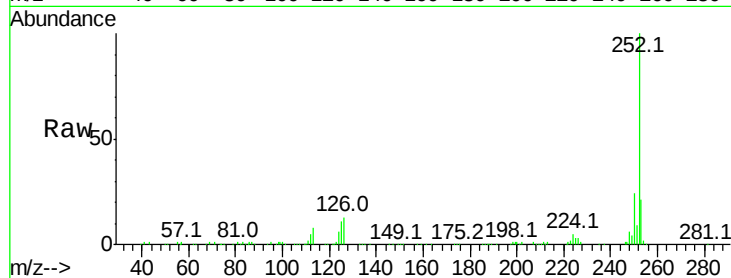
Tot Ion:252 Resp: 215687

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

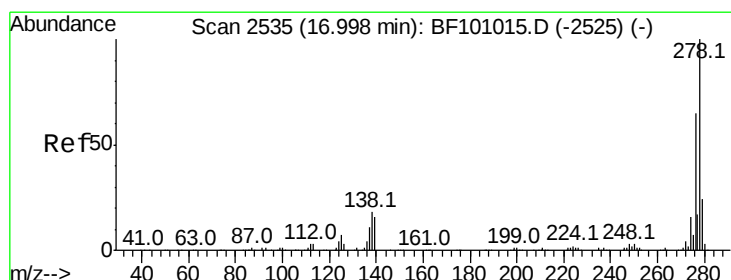
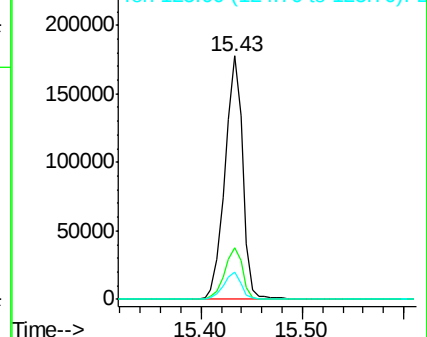
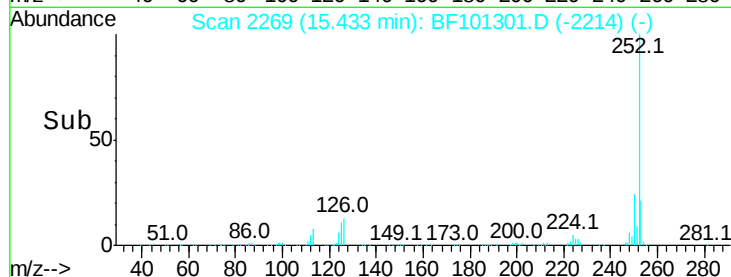
125 11.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.923 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.04 min

Lab File: BF101301.D

Acq: 11 Dec 2017 20:29

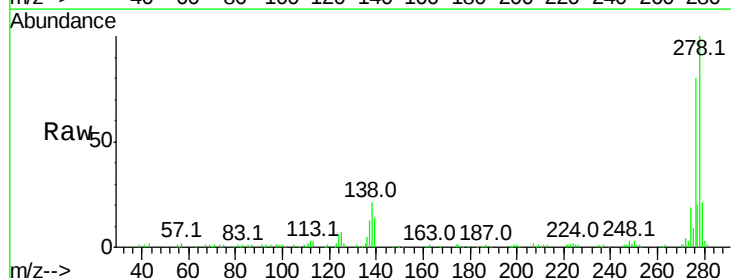
Tgt Ion:278 Resp: 174740

Ion Ratio Lower Upper

278 100

139 14.1 15.9 23.9#

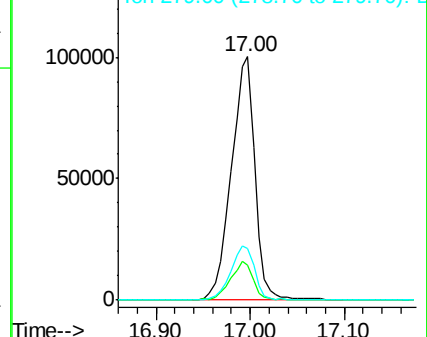
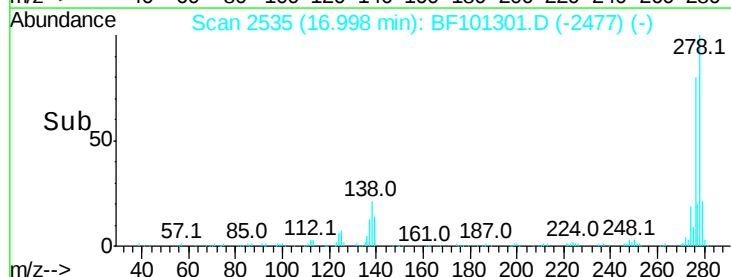
279 21.2 19.0 28.4

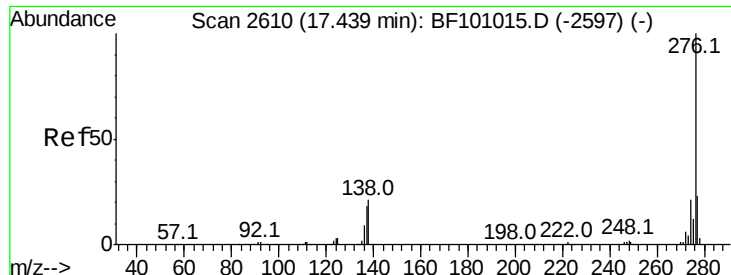


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.264 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.05 min
 Lab File: BF101301.D
 Acq: 11 Dec 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	158728
Ion Ratio	Lower	Upper	
276	100		
277	23.0	17.9	26.9
138	19.1	21.8	32.8

