

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101300.D
 Acq On : 11 Dec 2017 20:03
 Operator : SJ/JU
 Sample : I6764-08MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 23:44:59 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	45788	20.00	ng	0.01
21) Naphthalene-d8	8.12	136	178919	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	77201	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	127963	20.00	ng	0.00
75) Chrysene-d12	14.02	240	98370	20.00	ng	0.01
86) Perylene-d12	15.49	264	83503	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	319353	115.25	ng	0.02
7) Phenol-d6	6.47	99	383699	114.05	ng	0.01
23) Nitrobenzene-d5	7.40	82	231273	77.11	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	86602	93.38	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	448932	79.56	ng	0.00
78) Terphenyl-d14	12.94	244	335837	74.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	36351	31.725	ng	96
3) Pyridine	3.40	79	100525	33.843	ng	97
4) n-Nitrosodimethylamine	3.35	42	55633	38.347	ng	# 90
6) Aniline	6.50	93	108987	24.913	ng	# 86
8) 2-Chlorophenol	6.62	128	119743	39.633	ng	97
9) Benzaldehyde	6.39	77	34723	16.864	ng	94
10) Phenol	6.49	94	153718	41.093	ng	81
11) bis(2-Chloroethyl)ether	6.57	93	106111	37.818	ng	97
12) 1,3-Dichlorobenzene	6.77	146	134021	38.096	ng	97
13) 1,4-Dichlorobenzene	6.85	146	137199	37.669	ng	97
14) 1,2-Dichlorobenzene	7.00	146	128942	37.954	ng	96
15) Benzyl Alcohol	6.98	79	95801	36.870	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	164884	43.232	ng	86
17) 2-Methylphenol	7.09	107	96660	39.621	ng	93
18) Hexachloroethane	7.34	117	35929	30.704	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	79826	35.233	ng	94
20) 3+4-Methylphenols	7.25	107	122936	38.639	ng	# 66
22) Acetophenone	7.25	105	155102	35.882	ng	# 90
24) Nitrobenzene	7.42	77	116000	39.462	ng	95
25) Isophorone	7.66	82	209489	40.890	ng	100
26) 2-Nitrophenol	7.73	139	51673	32.022	ng	96
27) 2,4-Dimethylphenol	7.77	122	102757	44.020	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	132154	38.380	ng	99
29) 2,4-Dichlorophenol	7.98	162	100573	39.581	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	107079	38.325	ng	97
31) Naphthalene	8.14	128	334570	37.941	ng	99
33) 4-Chloroaniline	8.19	127	68475	19.326	ng	99
34) Hexachlorobutadiene	8.25	225	62893	36.701	ng	97
35) Caprolactam	8.57	113	26604	33.597	ng	91
36) 4-Chloro-3-methylphenol	8.68	107	98641	37.477	ng	97
37) 2-Methylnaphthalene	8.83	142	226630	37.824	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	100059	35.677	ng	# 95
40) Hexachlorocyclopentadiene	8.97	237	951	9.007	ng	94
42) 2,4,6-Trichlorophenol	9.12	196	66283	40.317	ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
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 ALS Vial : 24 Sample Multiplier: 1

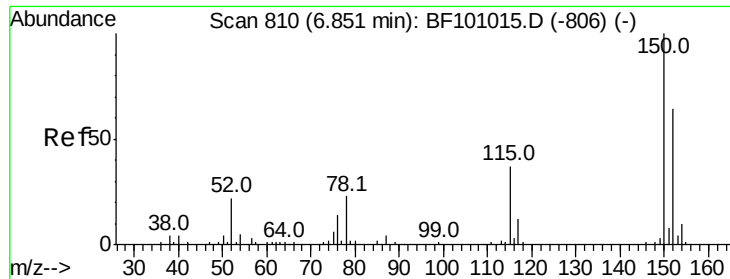
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 23:44:59 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)

43) 2,4,5-Trichlorophenol	9.16	196	67403	38.349	nq	# 91
45) 1,1'-Biphenyl	9.29	154	257502	36.405	nq	98
46) 2-Chloronaphthalene	9.32	162	202219	40.257	nq	97
47) 2-Nitroaniline	9.42	65	60742	40.871	nq	97
48) Acenaphthylene	9.74	152	301084	36.472	nq	99
49) Dimethylphthalate	9.59	163	294010	47.222	nq	99
50) 2,6-Dinitrotoluene	9.66	165	47467	36.197	nq	99
51) Acenaphthene	9.91	154	177972	36.004	nq	99
52) 3-Nitroaniline	9.83	138	52079	35.315	nq	100
53) 2,4-Dinitrophenol	9.97	184	321	5.274	nq	# 1
54) Dibenzofuran	10.08	168	264187	37.087	nq	99
55) 4-Nitrophenol	10.01	139	53482	53.775	nq	93
56) 2,4-Dinitrotoluene	10.07	165	54804	31.184	nq	# 90
57) Fluorene	10.42	166	207397	35.815	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	49274	35.013	nq	# 82
59) Diethylphthalate	10.29	149	229343	37.346	nq	96
60) 4-Chlorophenyl-phenylether	10.41	204	104538	36.563	nq	94
61) 4-Nitroaniline	10.45	138	50705	33.123	nq	95
62) Azobenzene	10.57	77	182657	35.048	nq	94
65) n-Nitrosodiphenylamine	10.53	169	190005	42.089	nq	96
66) 4-Bromophenyl-phenylether	10.90	248	59456	41.510	nq	# 85
67) Hexachlorobenzene	10.98	284	59668	38.869	nq	# 80
68) Atrazine	11.06	200	57375	41.433	nq	95
69) Pentachlorophenol	11.17	266	39486	46.781	nq	95
70) Phenanthrene	11.39	178	260630	36.985	nq	98
71) Anthracene	11.44	178	265795	37.268	nq	98
72) Carbazole	11.60	167	232320	35.652	nq	98
73) Di-n-butylphthalate	11.92	149	318892	39.043	nq	98
74) Fluoranthene	12.58	202	251894	32.247	nq	95
76) Benzidine	12.70	184	147951	46.252	nq	97
77) Pyrene	12.82	202	249873	36.812	nq	97
79) Butylbenzylphthalate	13.42	149	111495	37.256	nq	96
80) Benzo(a)anthracene	14.00	228	229348	36.926	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	85242	39.629	nq	# 97
82) Chrysene	14.04	228	217548	37.715	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	157677	36.952	nq	99
84) Di-n-octyl phthalate	14.59	149	262930	37.008	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	158556	30.919	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	196689	39.325	nq	97
88) Benzo(k)fluoranthene	15.09	252	188785	38.311	nq	# 96
89) Benzo(a)pyrene	15.43	252	174097	38.288	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	135574	33.820	nq	# 94
91) Benzo(g,h,i)perylene	17.44	276	124470	32.947	nq	# 91

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

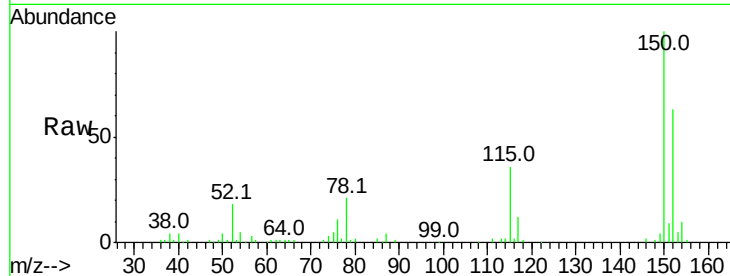


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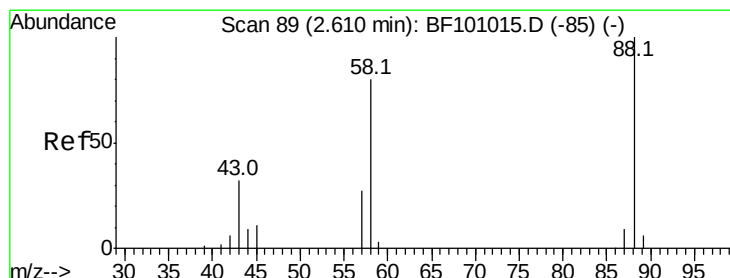
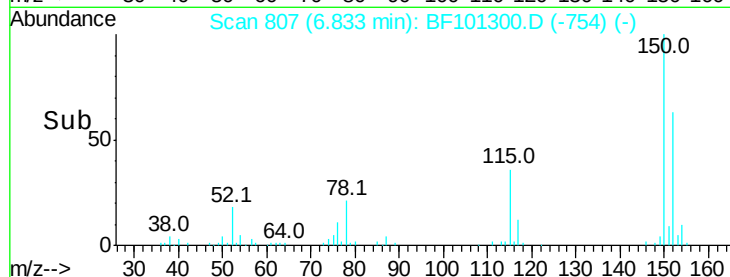
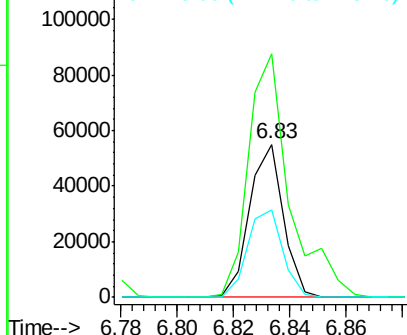
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 45788
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 57.4 50.1 75.1



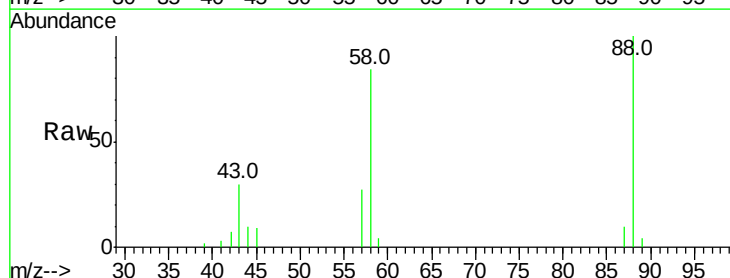
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



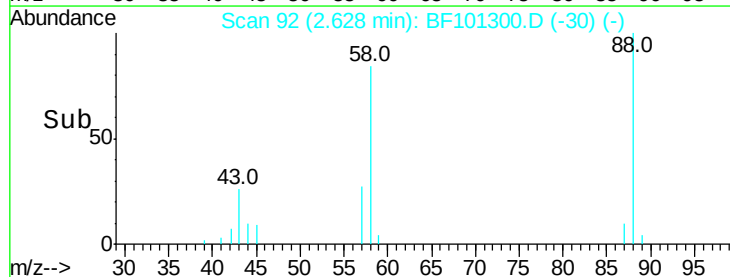
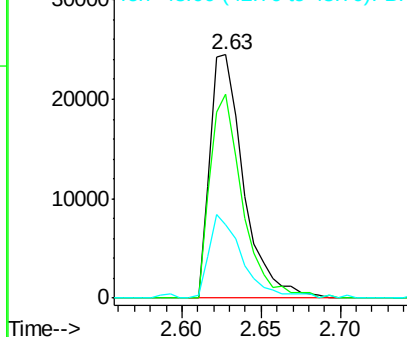
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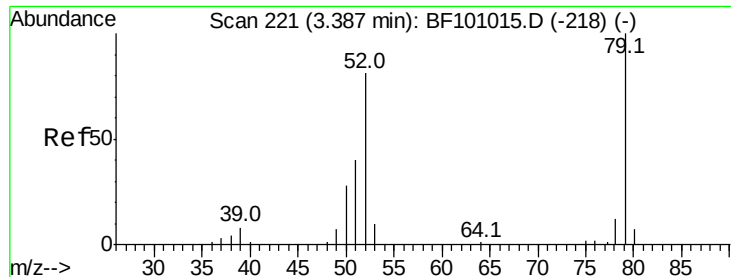
1,4-Dioxane
Concen: 31.725 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.06 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion: 88 Resp: 36351
Ion Ratio Lower Upper
88 100
58 80.6 62.6 93.8
43 34.0 24.6 37.0



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





#3

Pvridine

Concen: 33.843 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.07 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

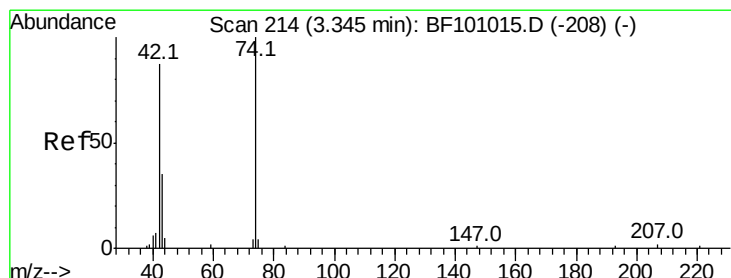
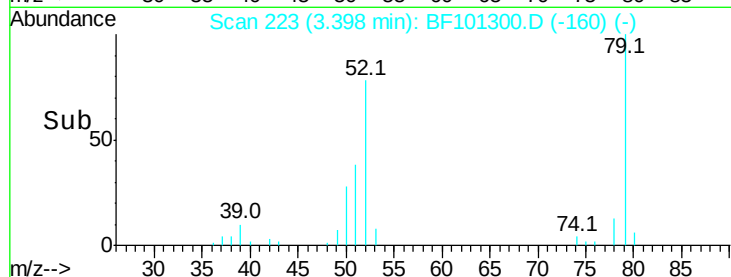
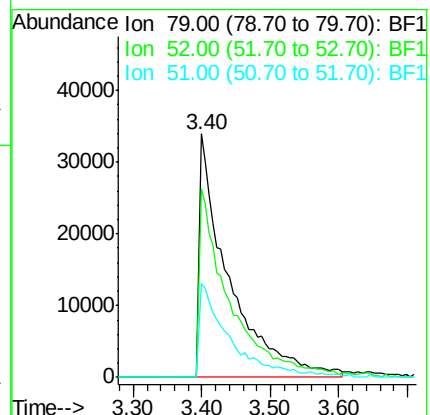
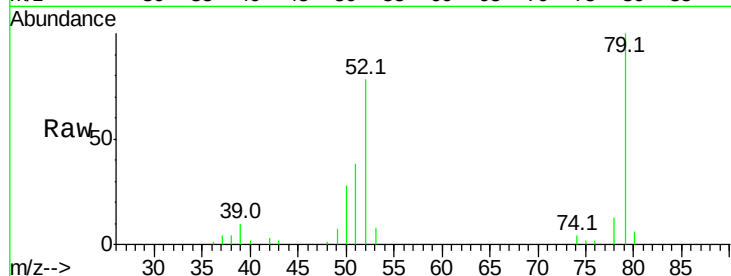
Tot Ion: 79 Resp: 100525

Ion Ratio Lower Upper

79 100

52 77.6 59.8 89.6

51 38.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.347 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.06 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

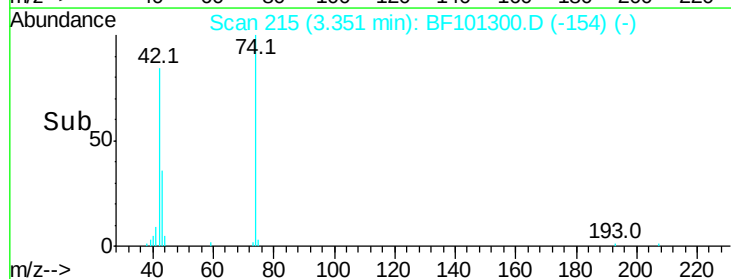
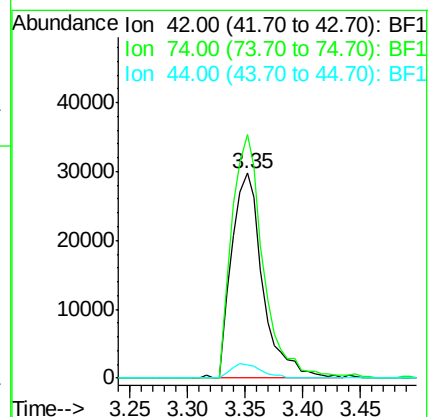
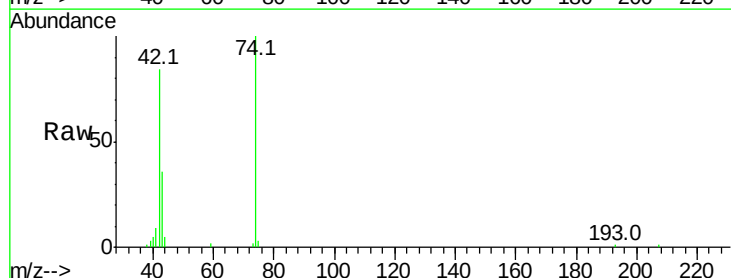
Tgt Ion: 42 Resp: 55633

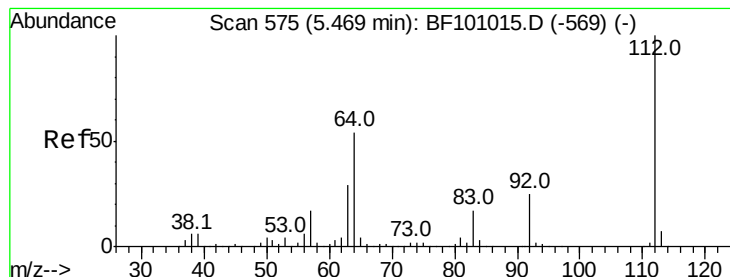
Ion Ratio Lower Upper

42 100

74 118.9 104.9 157.3

44 6.2 6.9 10.3#

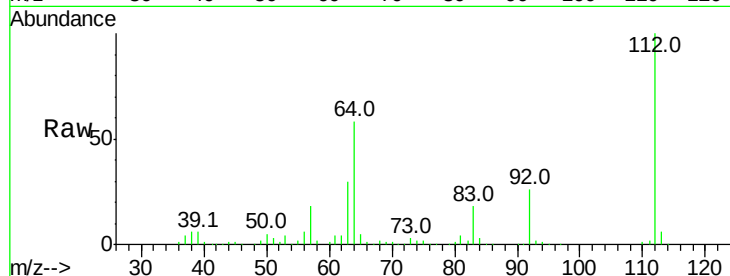




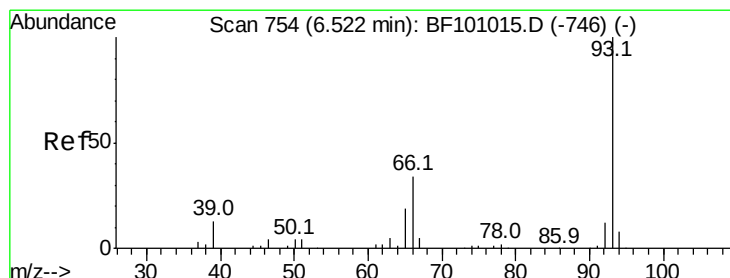
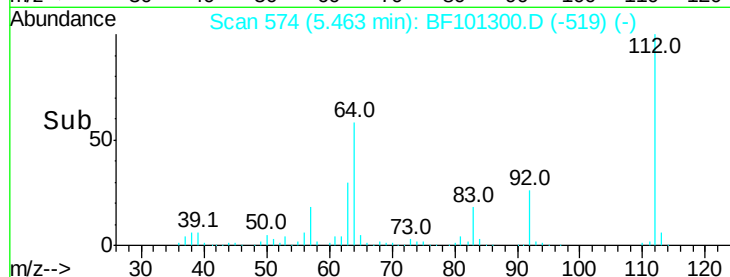
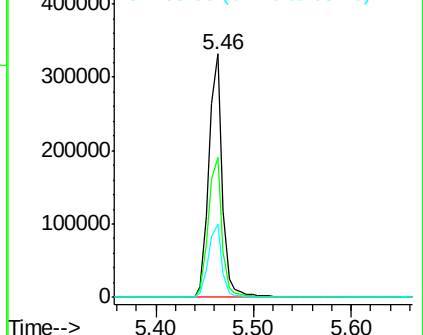
#5
2-Fluorophenol
Concen: 115.251 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	30.2	23.7	35.5

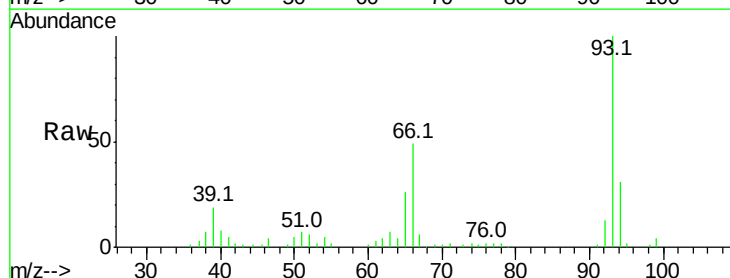


Abundance Ion 112.00 (111.70 to 112.70): E

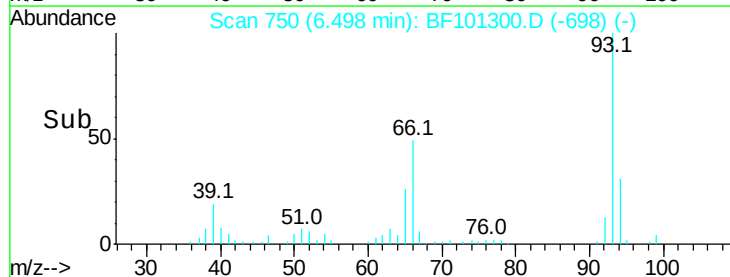
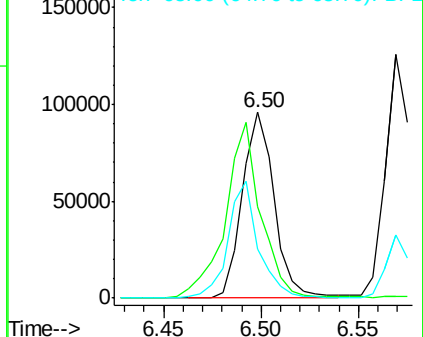


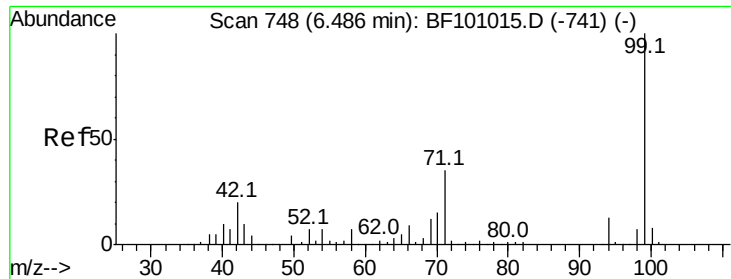
#6
Aniline
Concen: 24.913 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	49.0	32.2	48.2#
65	26.2	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 114.054 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

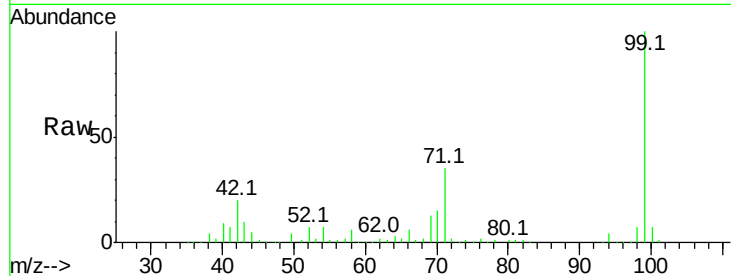
Tot Ion: 99 Resp: 383699

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

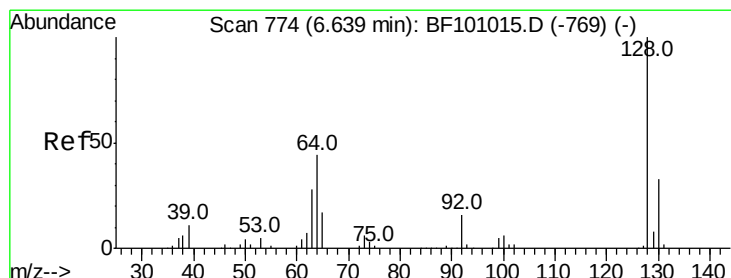
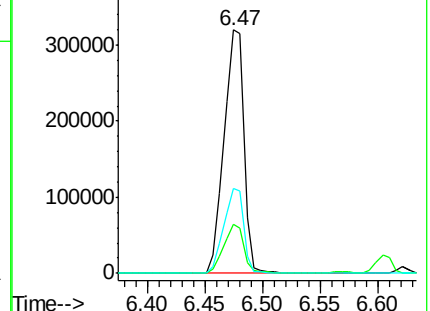
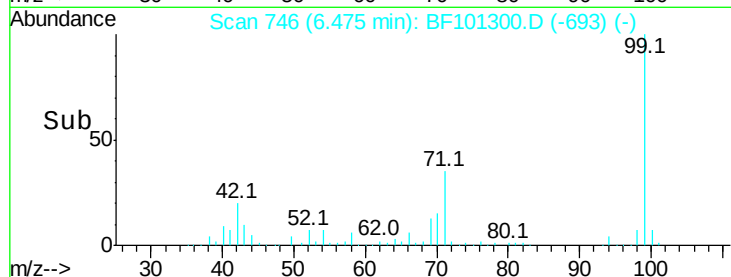
71 34.7 25.4 38.0



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: 39.633 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

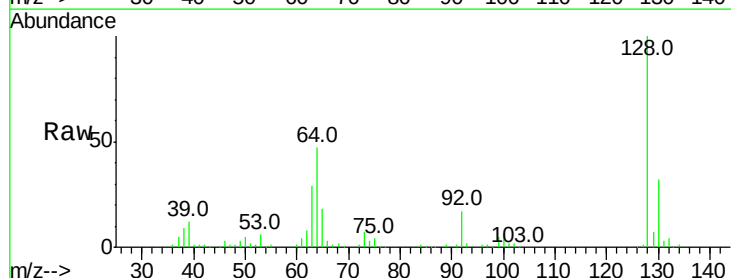
Tgt Ion: 128 Resp: 119743

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

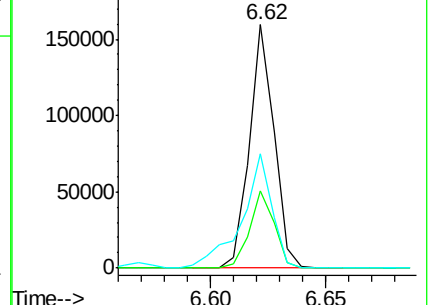
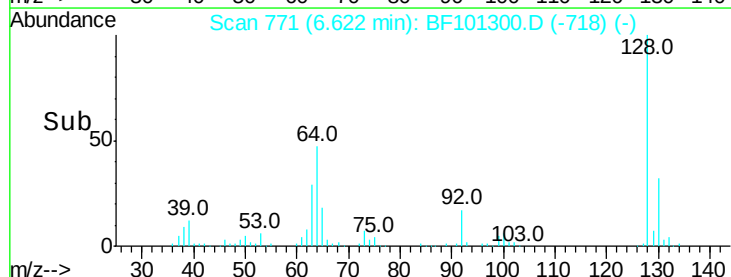
64 46.9 29.4 69.4

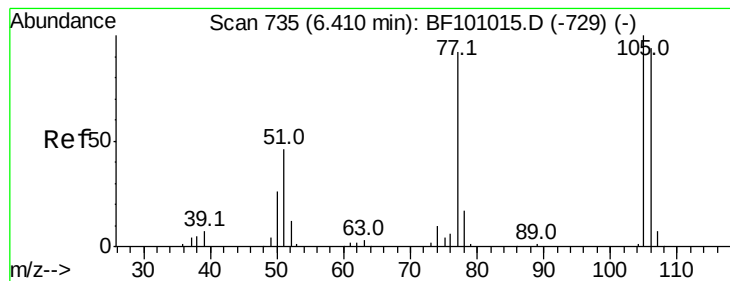


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.864 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampled :

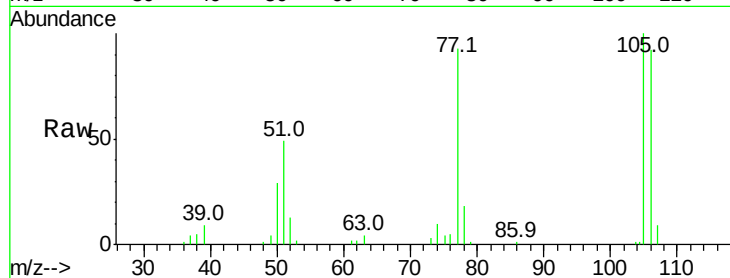
Tot Ion: 77 Resp: 34723

Ion Ratio Lower Upper

77 100

105 108.0 81.1 121.1

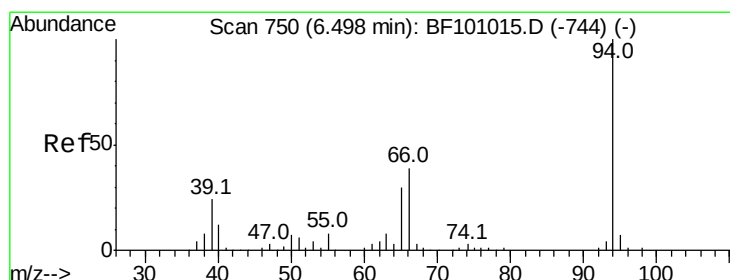
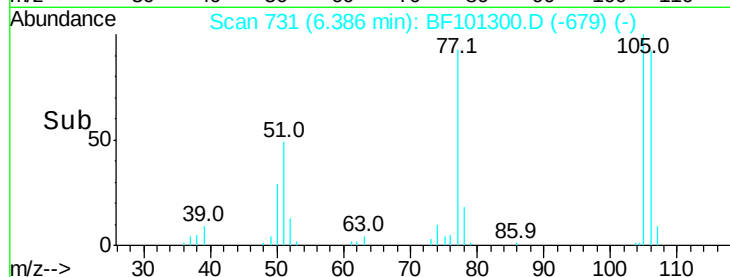
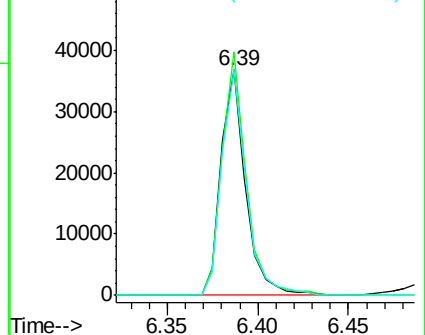
106 99.9 74.5 114.5



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: 41.093 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

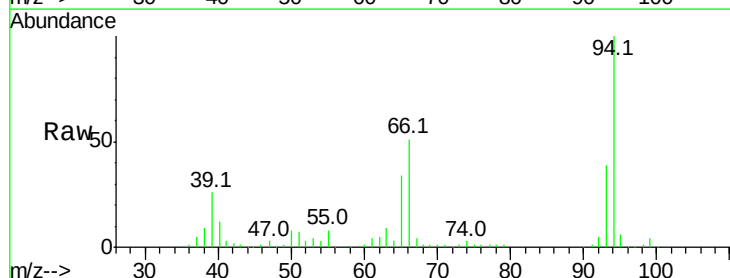
Tgt Ion: 94 Resp: 153718

Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

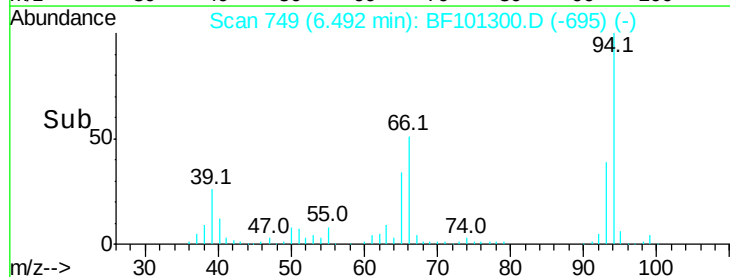
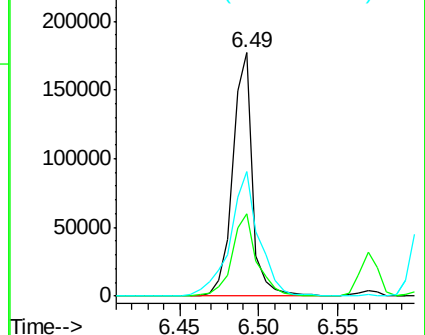
66 51.2 16.2 56.2

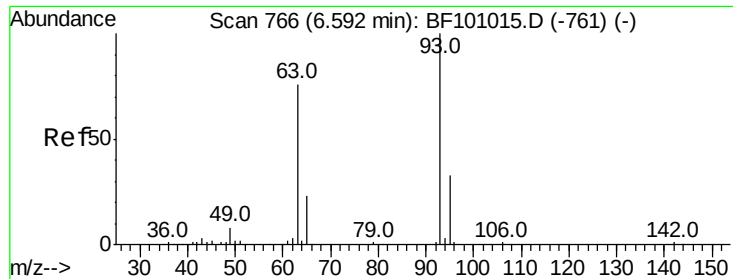


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.818 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

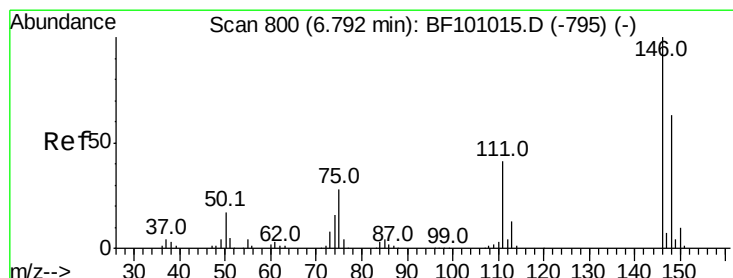
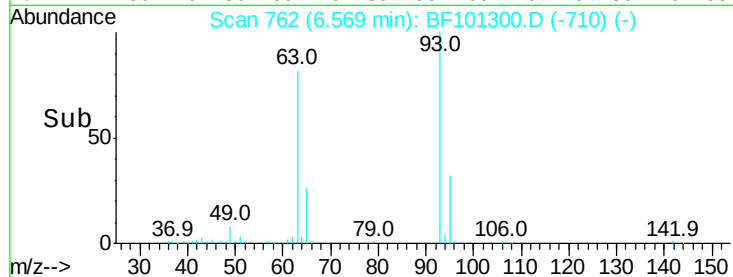
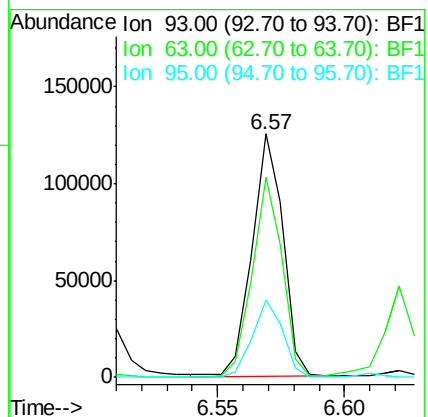
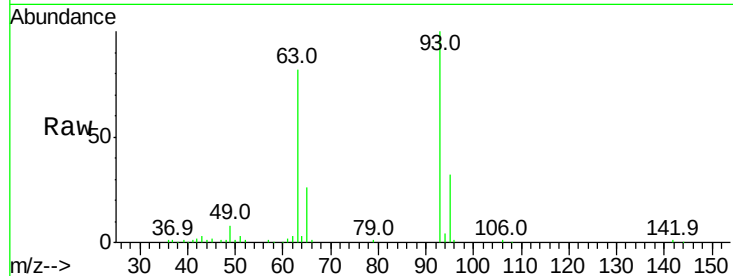
Tot Ion: 93 Resp: 106111

Ion Ratio Lower Upper

93 100

63 81.9 58.6 98.6

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.096 ng

RT: 6.77 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

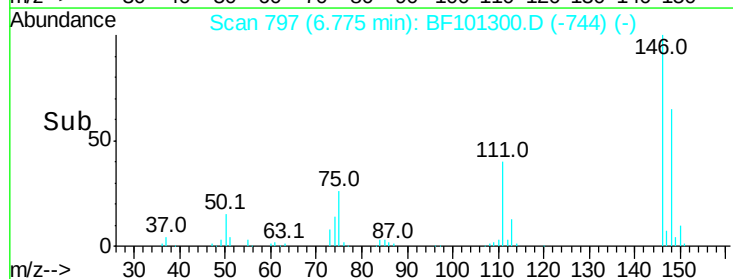
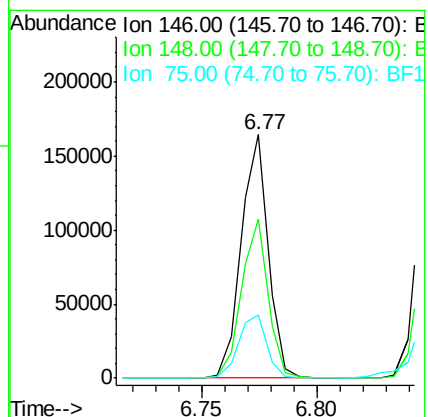
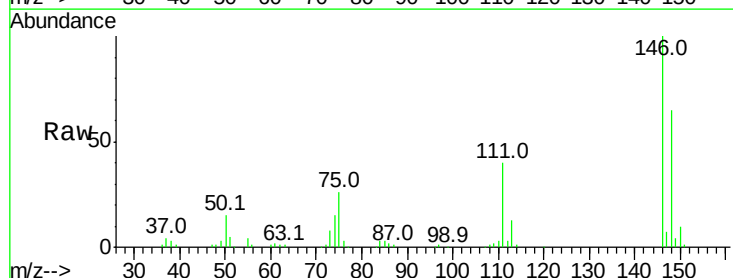
Tgt Ion: 146 Resp: 134021

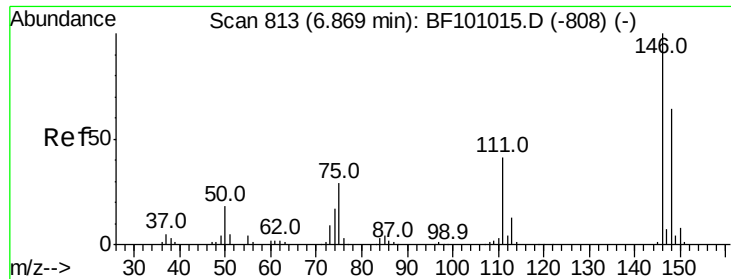
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

75 26.1 24.2 36.4

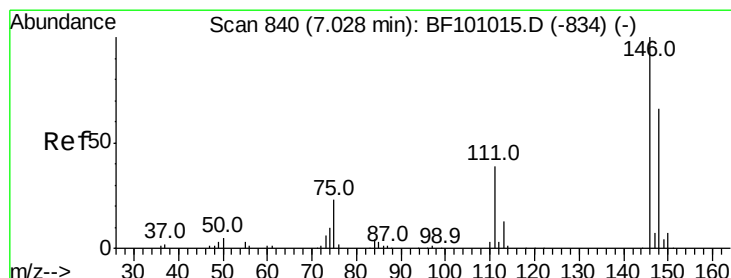
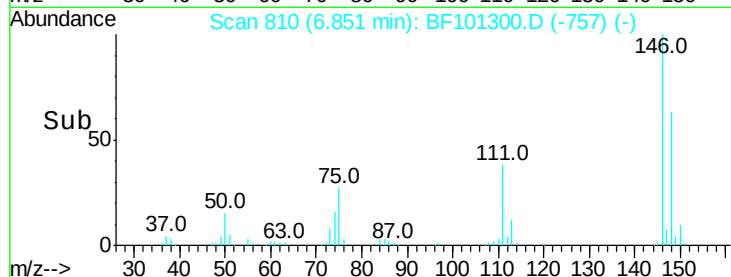
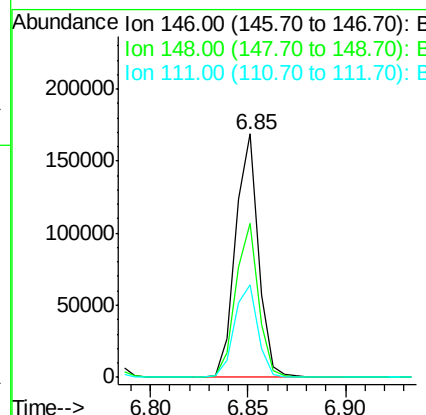
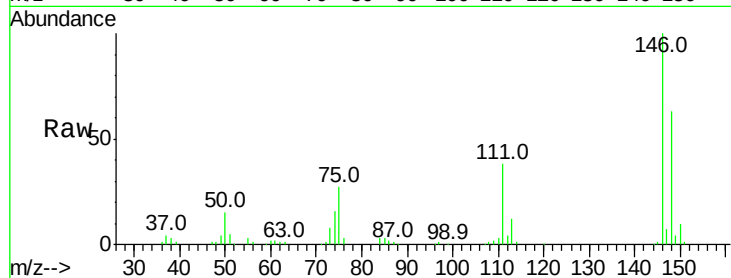




#13
 1,4-Dichlorobenzene
 Concen: 37.669 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

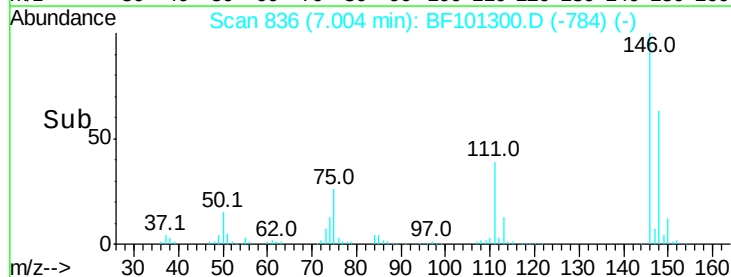
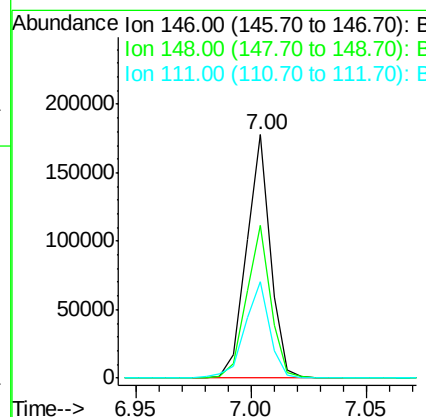
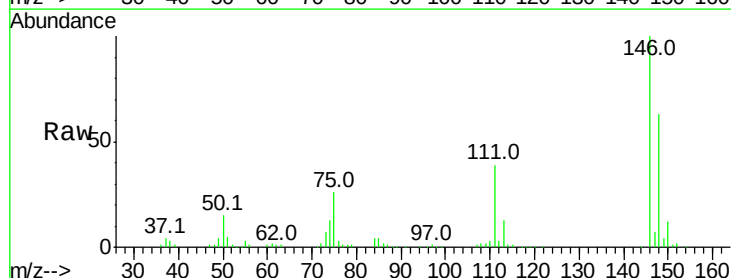
Instrument :
 BNA_F
 ClientSampled :

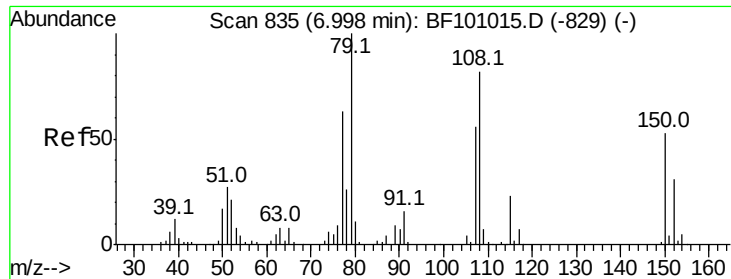
Tot Ion:146 Resp: 137199
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 38.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.954 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion:146 Resp: 128942
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 75.8
 111 39.5 36.0 54.0

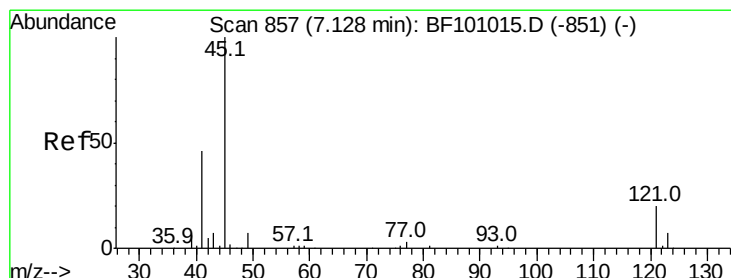
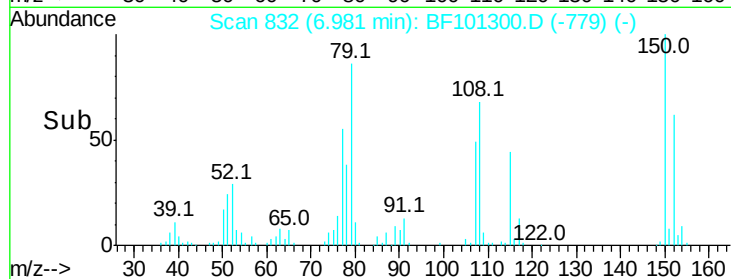
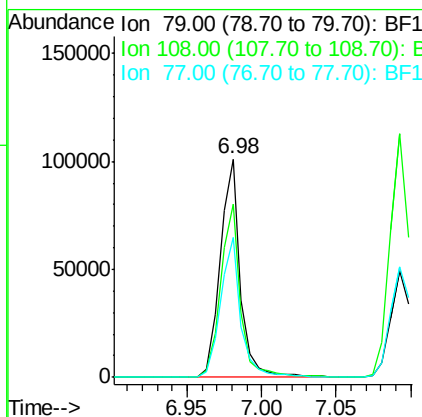
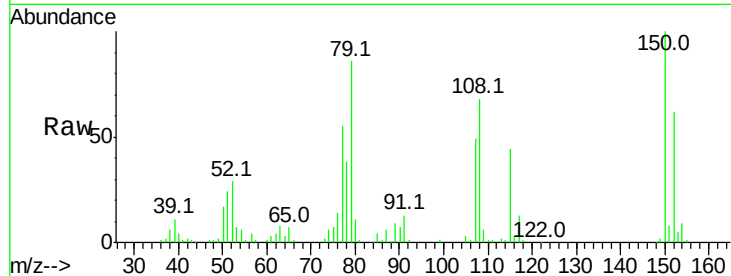




#15
Benzyl Alcohol
Concen: 36.870 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

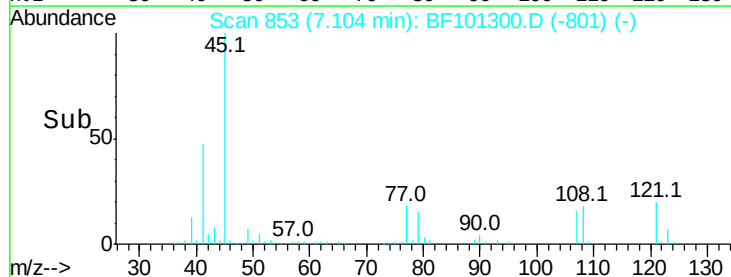
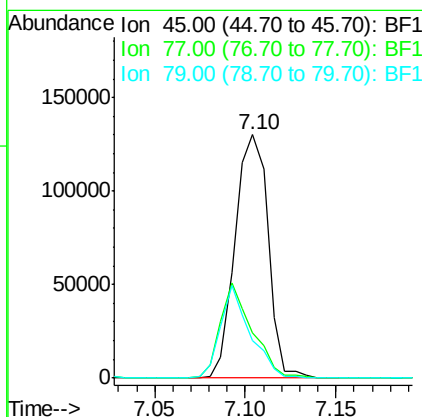
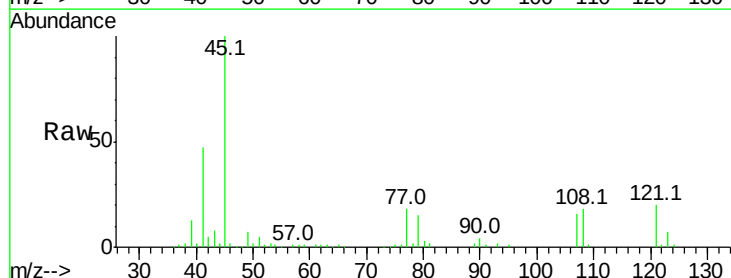
Instrument :
BNA_F
ClientSampled :

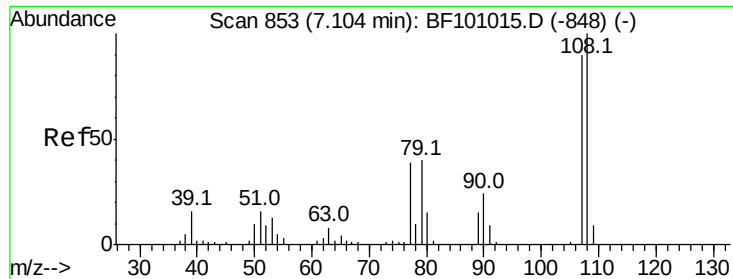
Tot Ion: 79 Resp: 95801
Ion Ratio Lower Upper
79 100
108 79.3 65.1 97.7
77 63.9 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.232 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion: 45 Resp: 164884
Ion Ratio Lower Upper
45 100
77 18.3 0.0 32.9
79 15.3 0.0 29.6

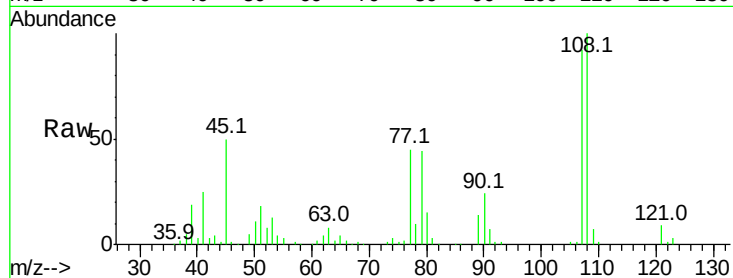




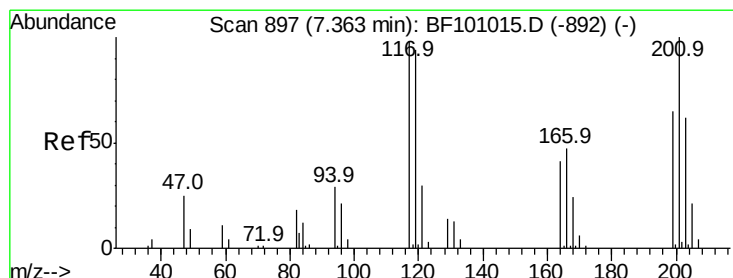
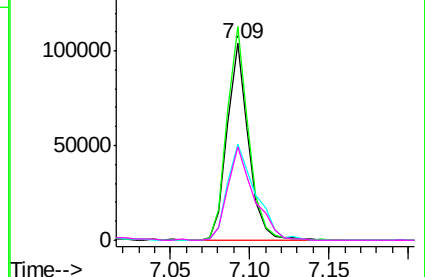
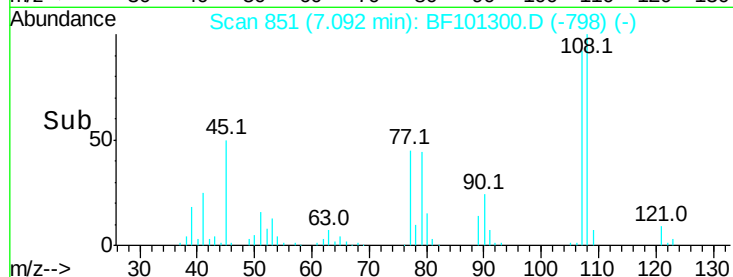
#17
2-Methylphenol
Concen: 39.621 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 96660
Ion Ratio Lower Upper
107 100
108 108.4 91.7 137.5
77 49.0 33.8 50.8
79 47.6 33.8 50.8

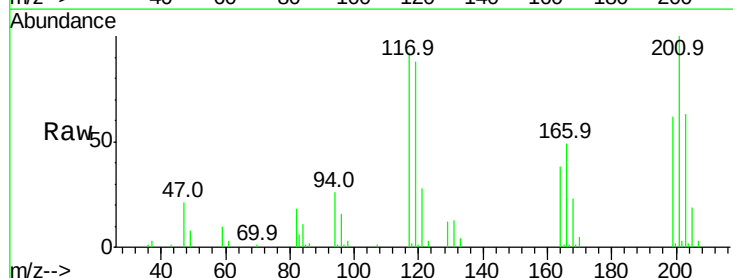


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

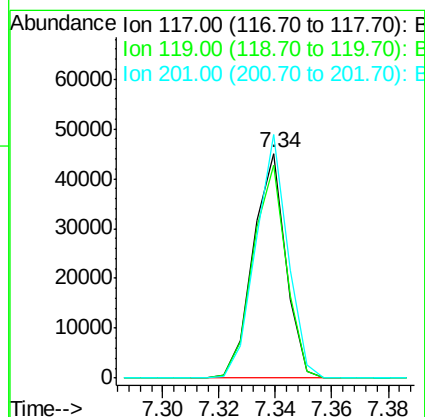
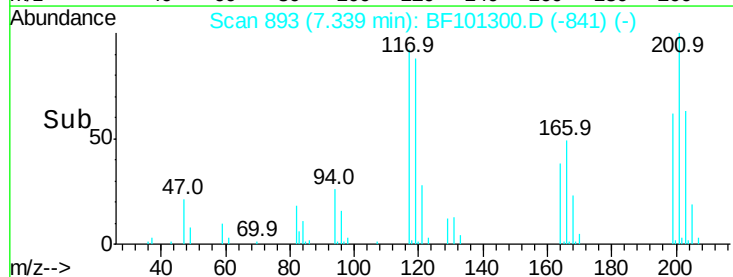


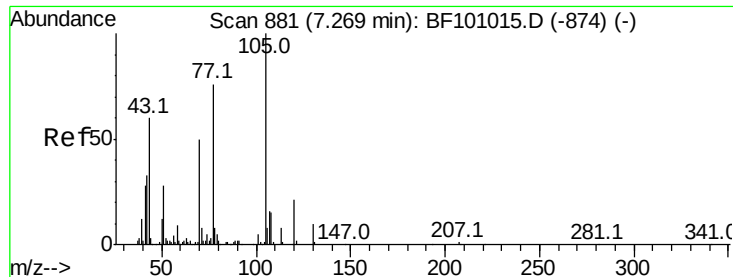
#18
Hexachloroethane
Concen: 30.704 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion:117 Resp: 35929
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 108.5 75.7 113.5



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

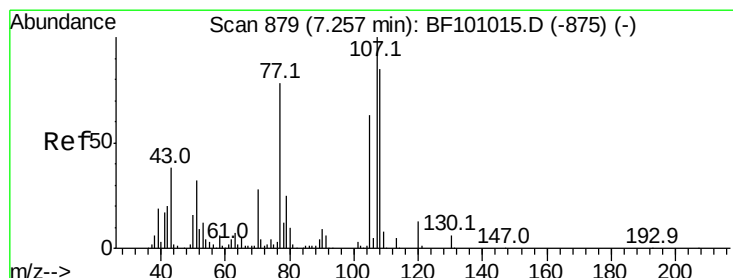
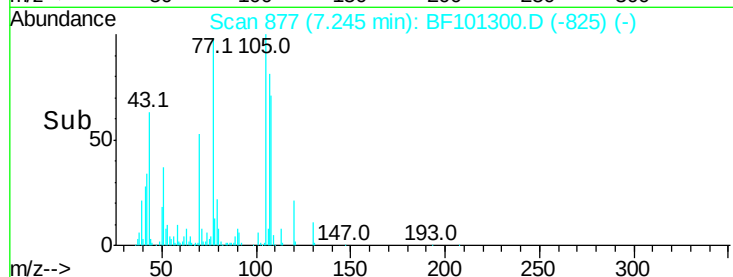
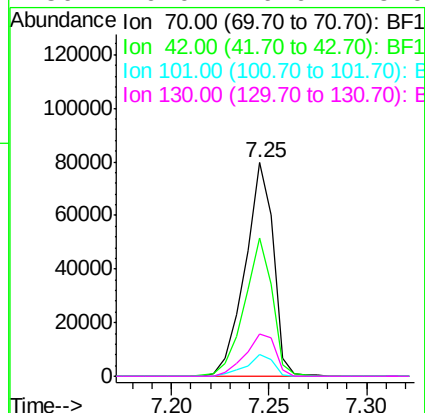
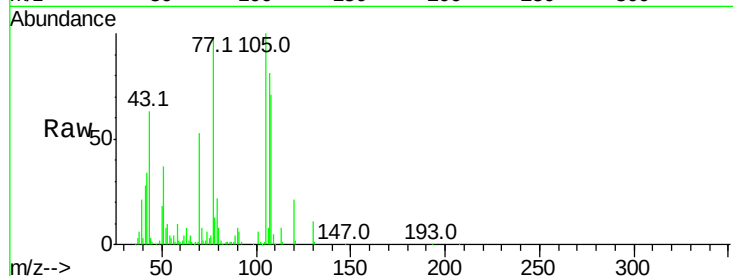




#19
n-Nitroso-di-n-propylamine
Concen: 35.233 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

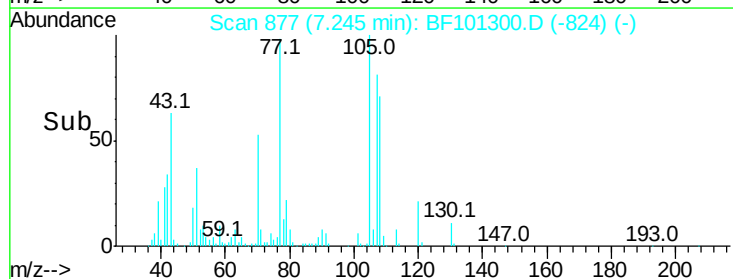
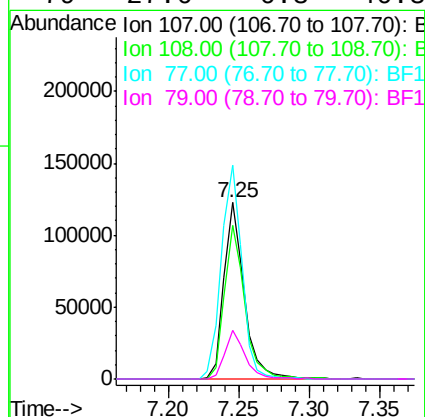
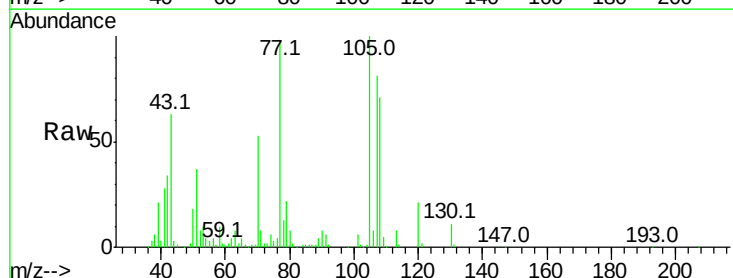
Instrument :
BNA_F
ClientSampleId :

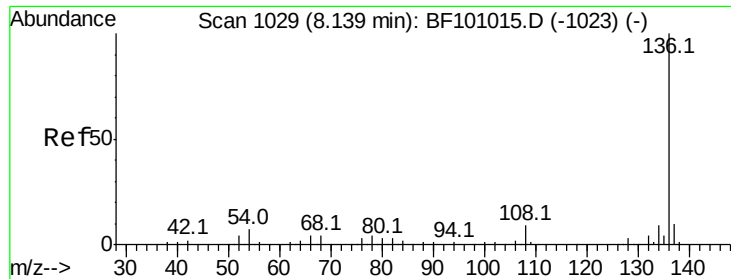
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.5	71.3
101	10.5	7.4	11.2
130	20.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.639 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.2	108.2
77	121.3	26.7	66.7#
79	27.6	6.3	46.3

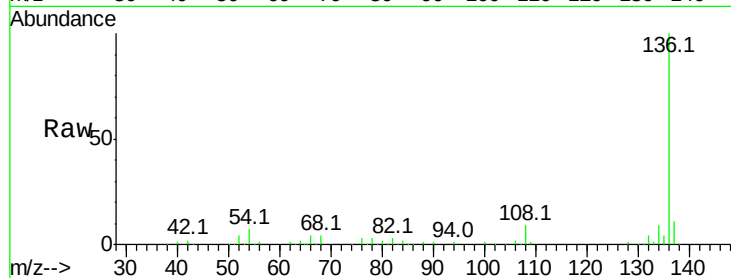




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	178919
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	4.3	5.0	7.4#

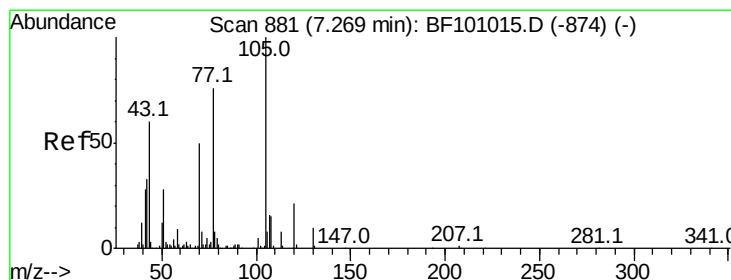
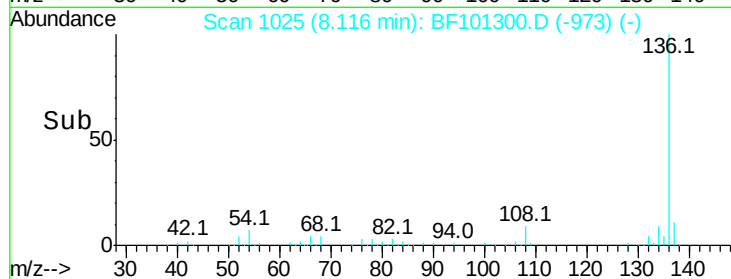
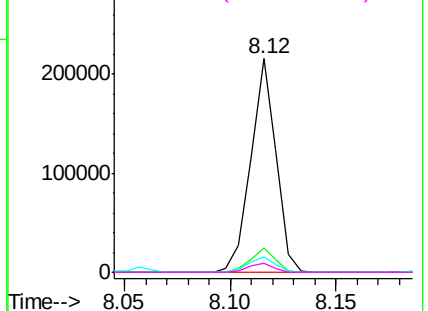


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

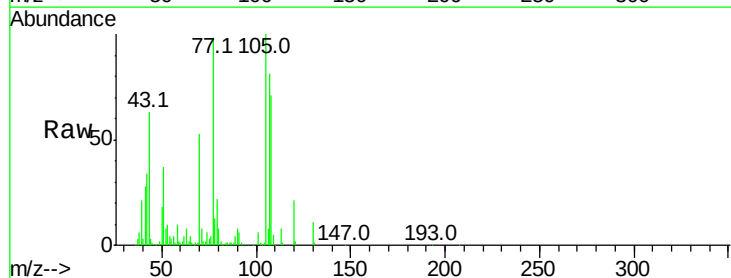
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 35.882 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion:	105	Resp:	155102
Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.4	6.6#
51	37.0	22.3	33.5#
120	20.7	16.9	25.3

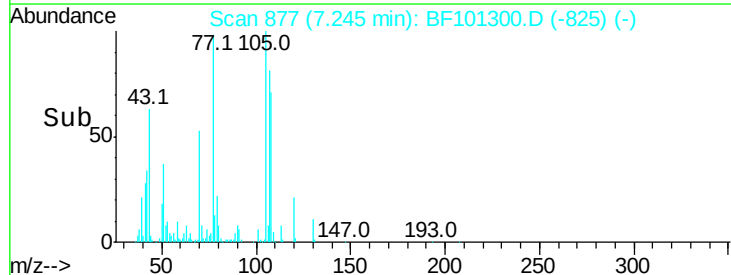
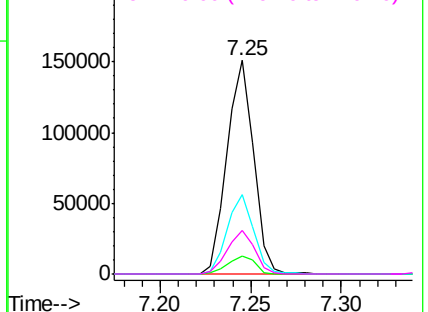


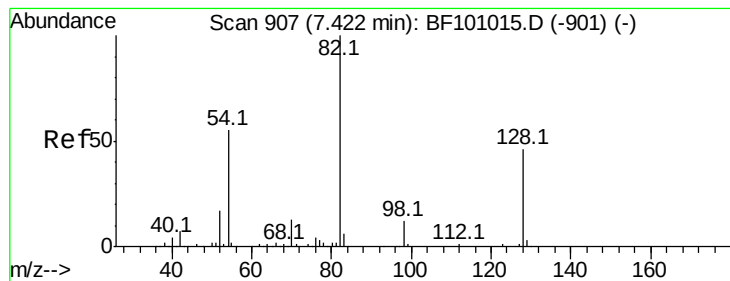
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.108 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampled :

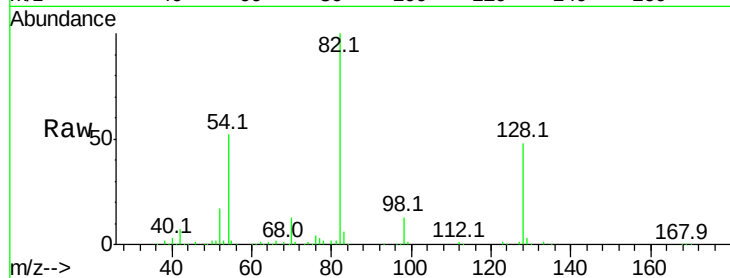
Tot Ion: 82 Resp: 231273

Ion Ratio Lower Upper

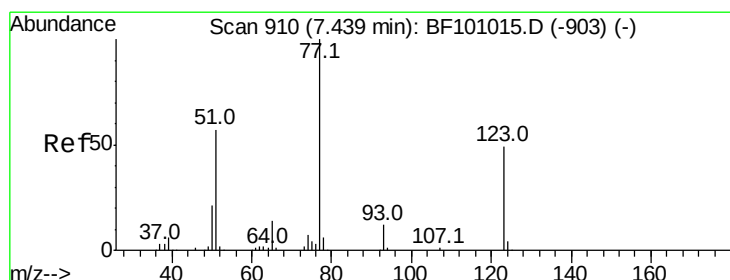
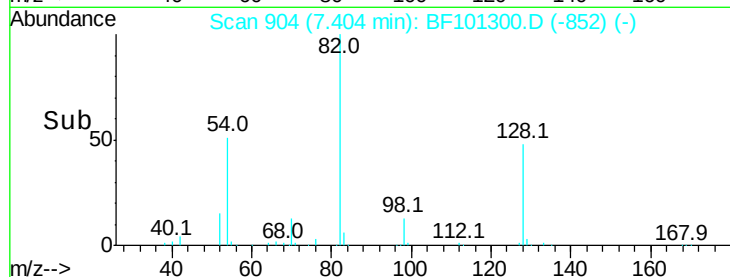
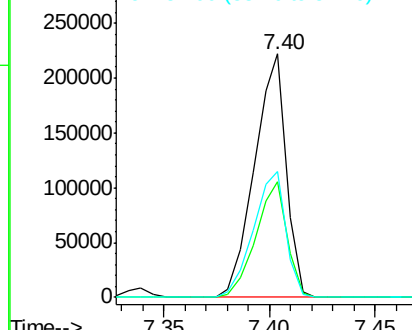
82 100

128 47.7 36.1 54.1

54 51.8 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: 39.462 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

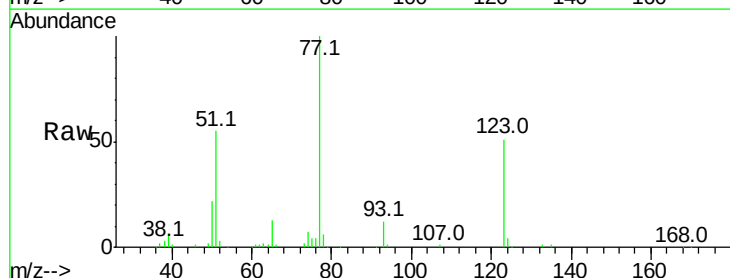
Tgt Ion: 77 Resp: 116000

Ion Ratio Lower Upper

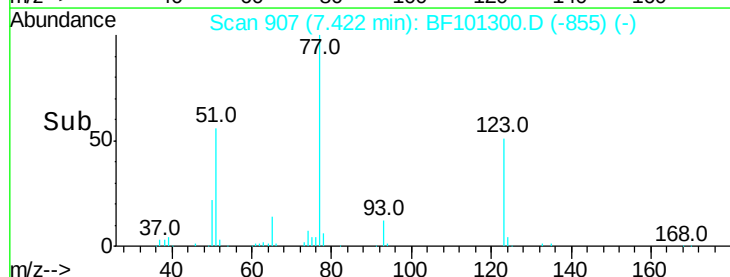
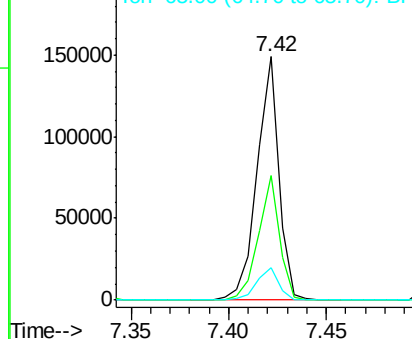
77 100

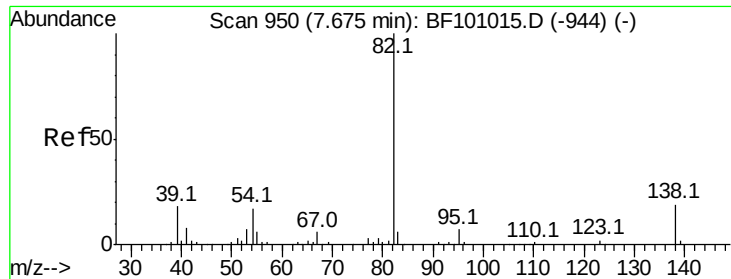
123 51.2 37.9 56.9

65 13.3 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: 40.890 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampled :

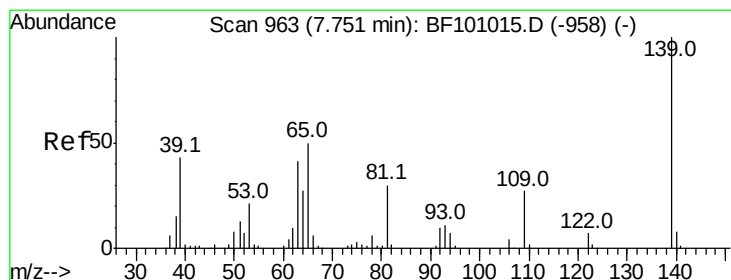
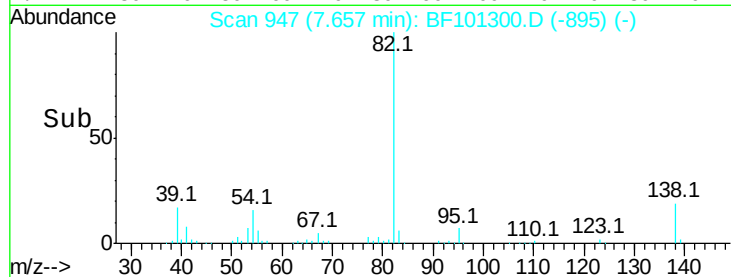
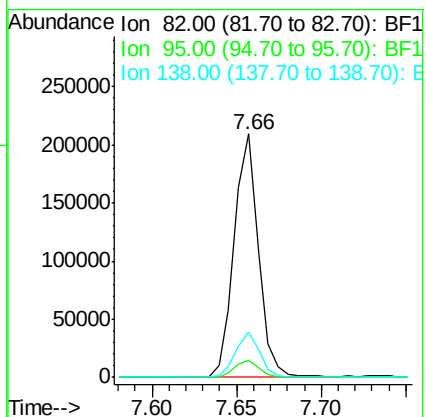
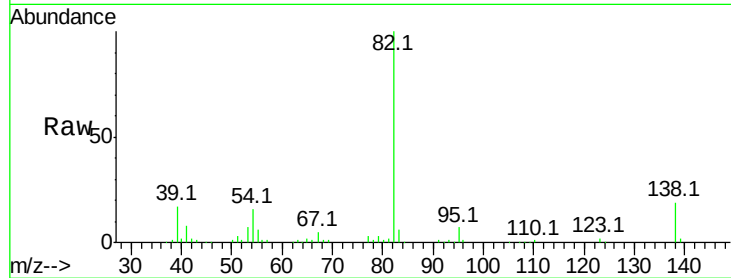
Tot Ion: 82 Resp: 209489

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 32.022 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

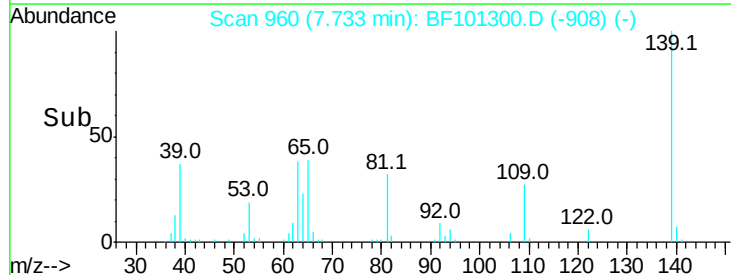
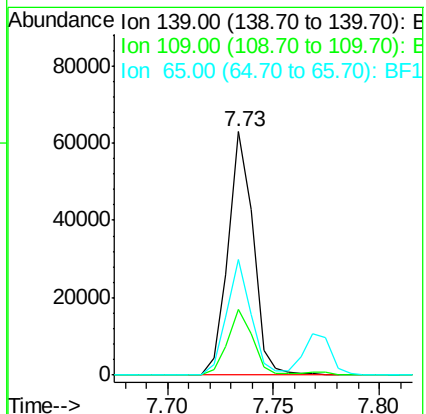
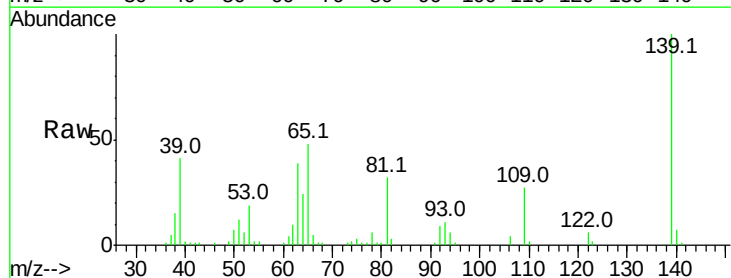
Tgt Ion: 139 Resp: 51673

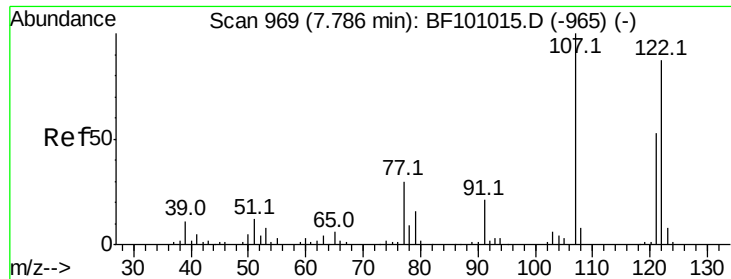
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 47.7 40.5 60.7

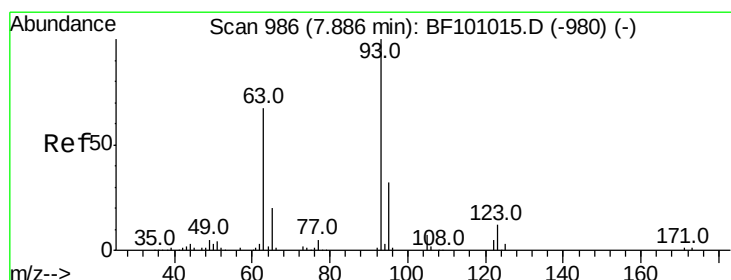
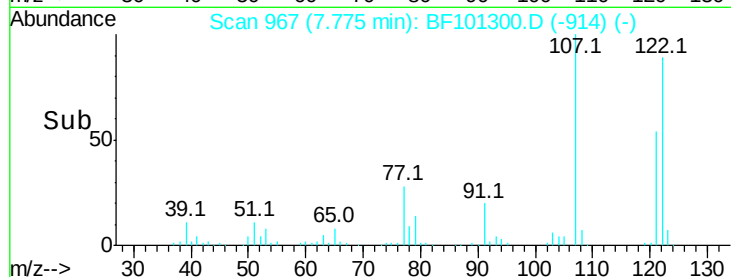
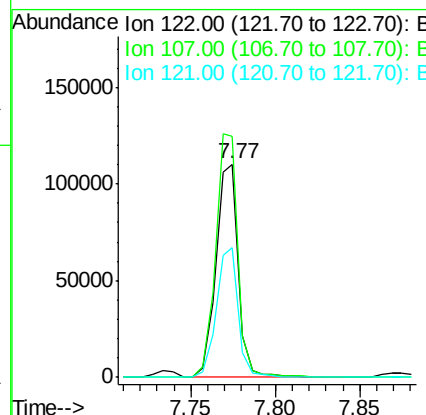
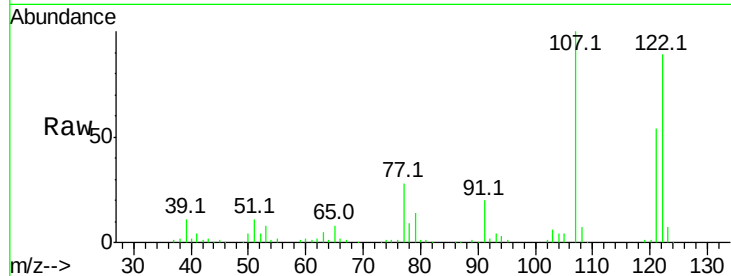




#27
 2,4-Dimethylphenol
 Concen: 44.020 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

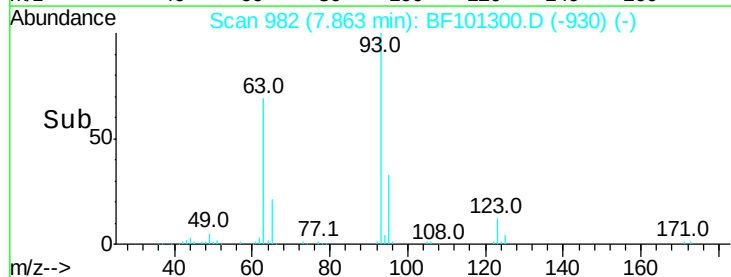
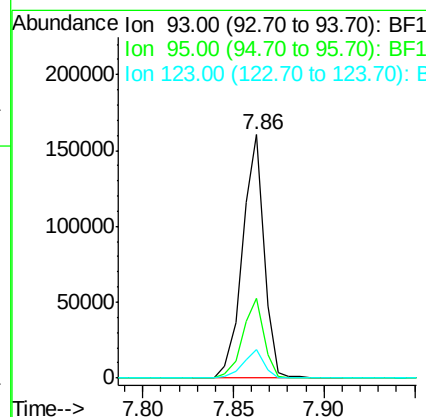
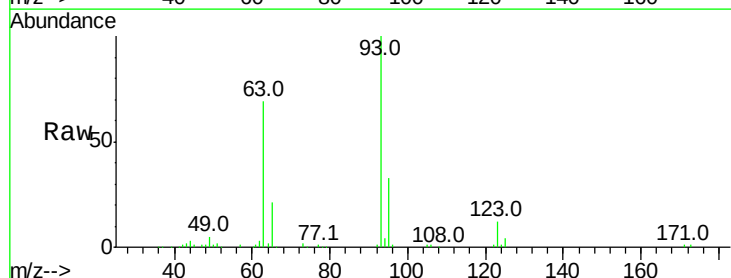
Instrument :
 BNA_F
 ClientSampleId :

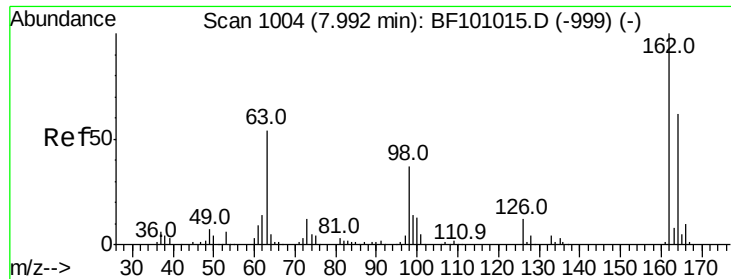
Tot Ion:122 Resp: 102757
 Ion Ratio Lower Upper
 122 100
 107 112.8 91.2 136.8
 121 60.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.380 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion: 93 Resp: 132154
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.6 9.8 14.6

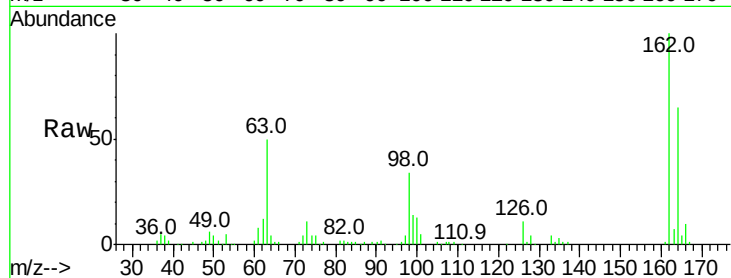




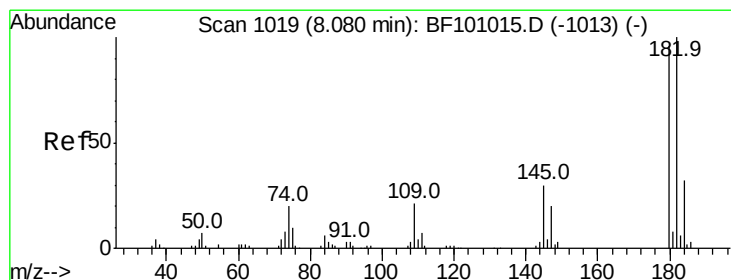
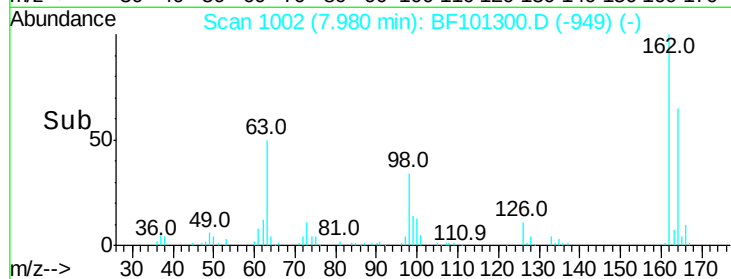
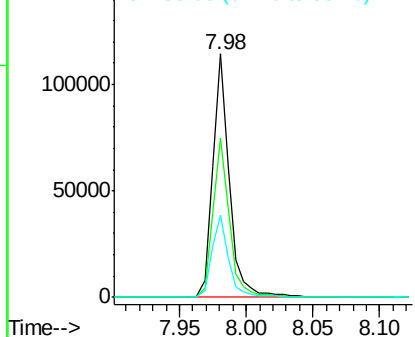
#29
 2,4-Dichlorophenol
 Concen: 39.581 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	34.1	18.1	58.1

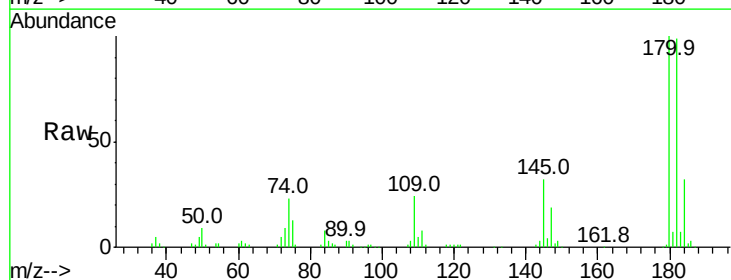


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

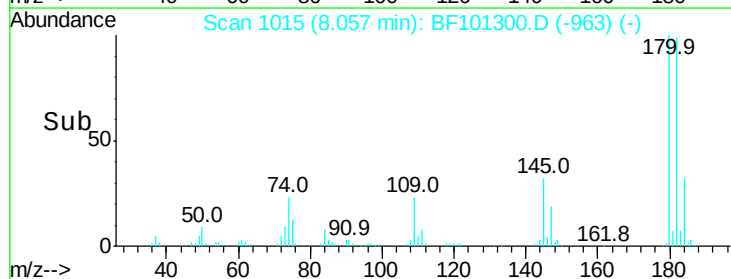
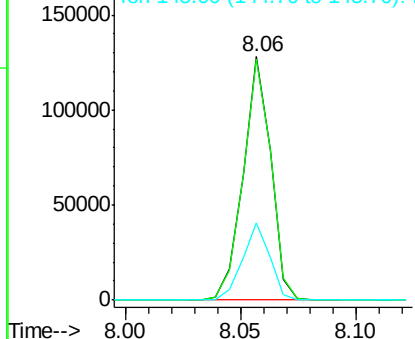


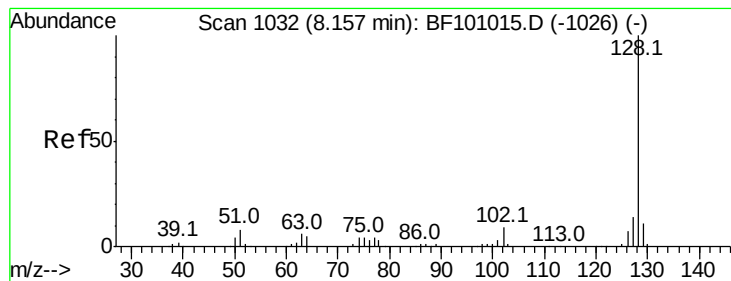
#30
 1,2,4-Trichlorobenzene
 Concen: 38.325 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.8	115.2
145	31.7	26.5	39.7



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





#31

Naphthalene

Concen: 37.941 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

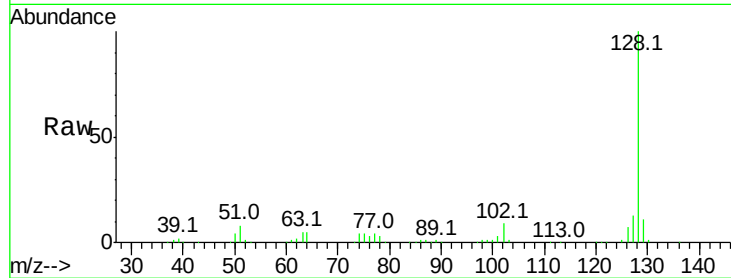
Tot Ion:128 Resp: 334570

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

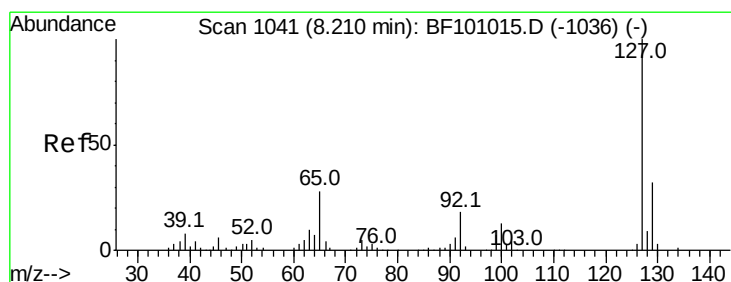
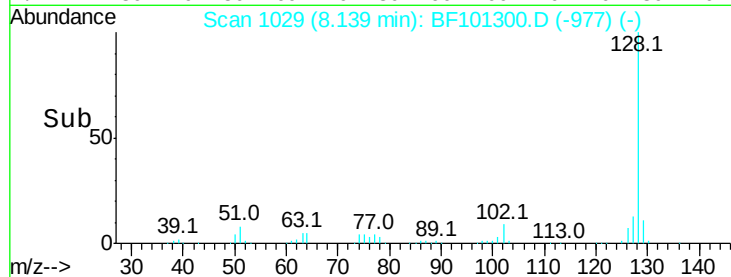
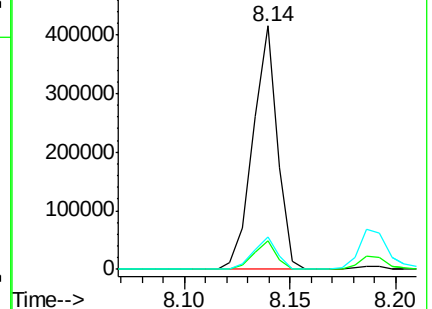
127 13.3 10.9 16.3



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



#33

4-Chloroaniline

Concen: 19.326 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Tgt Ion:127 Resp: 68475

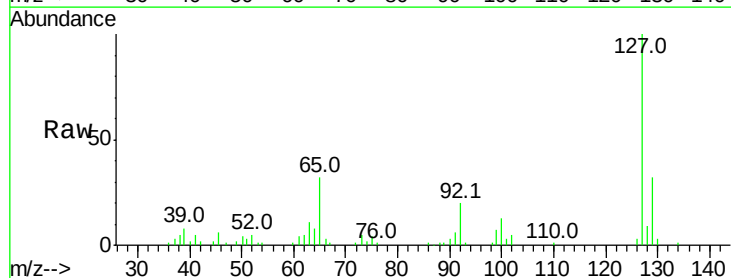
Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 32.1 25.0 37.4

92 19.5 15.2 22.8

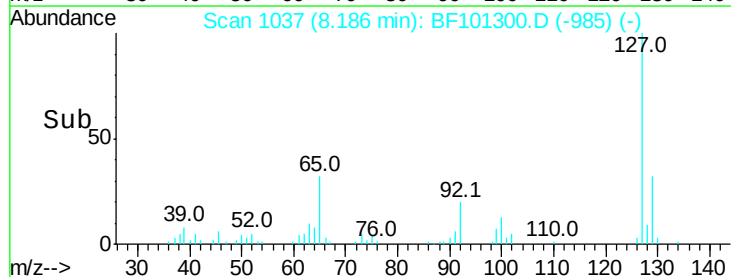
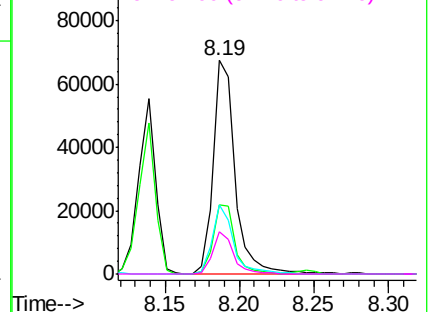


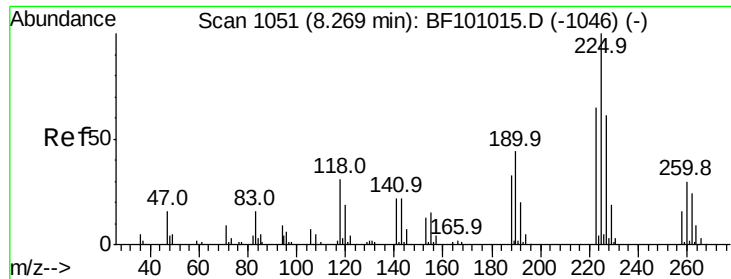
Abundance Ion 127.00 (126.70 to 127.70): E

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

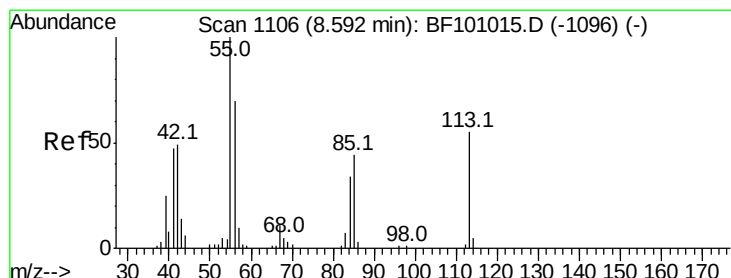
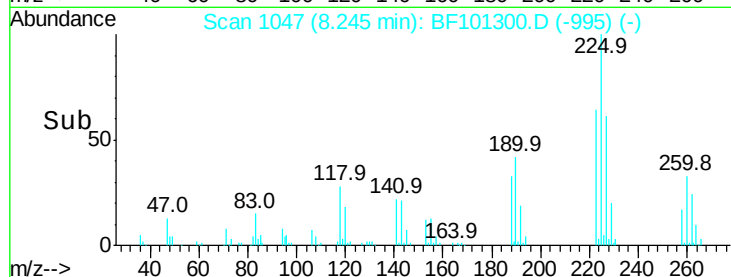
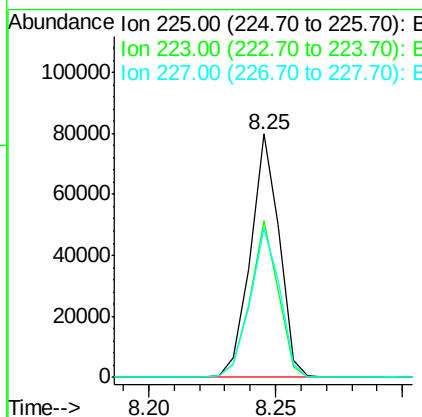
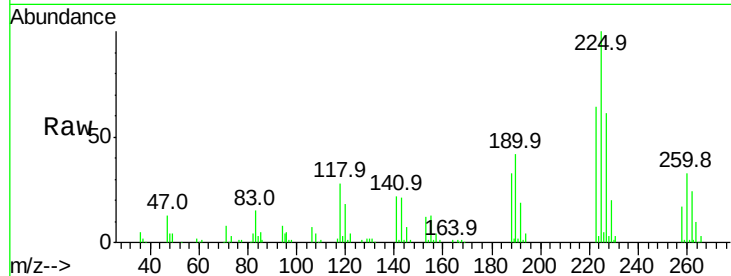




#34
Hexachlorobutadiene
Concen: 36.701 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

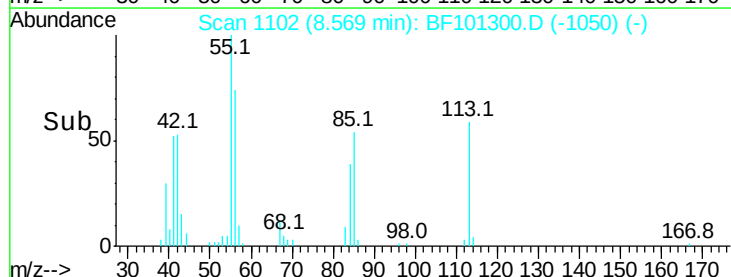
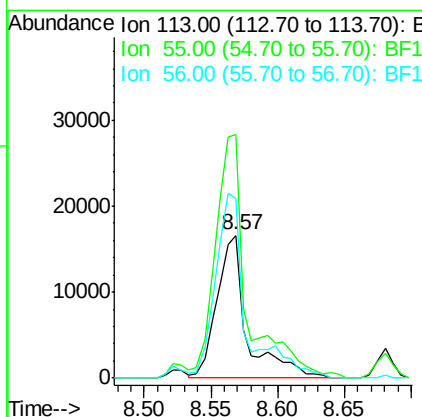
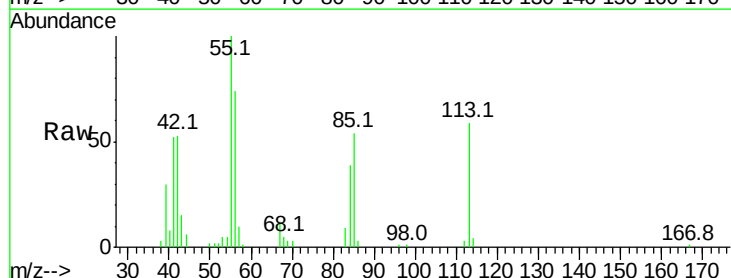
Instrument :
BNA_F
ClientSampleId :

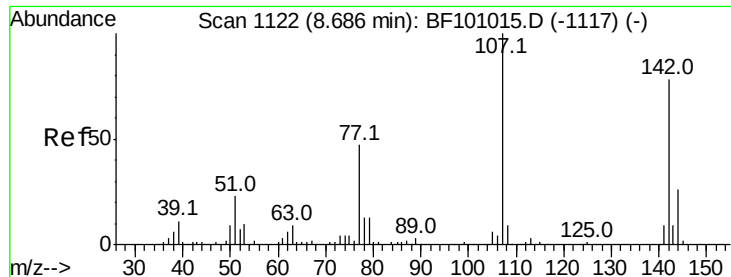
Tot Ion:225 Resp: 62893
Ion Ratio Lower Upper
225 100
223 64.1 50.6 76.0
227 61.3 51.9 77.9



#35
Caprolactam
Concen: 33.597 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion:113 Resp: 26604
Ion Ratio Lower Upper
113 100
55 170.1 163.3 203.3
56 125.5 115.7 155.7

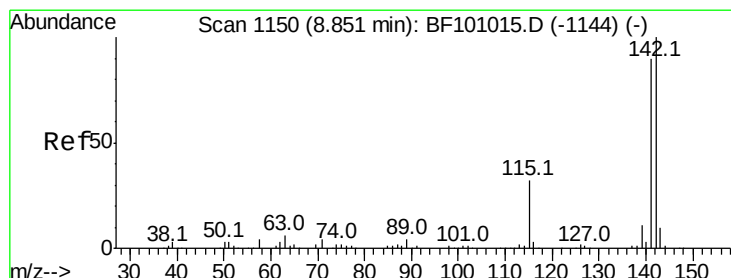
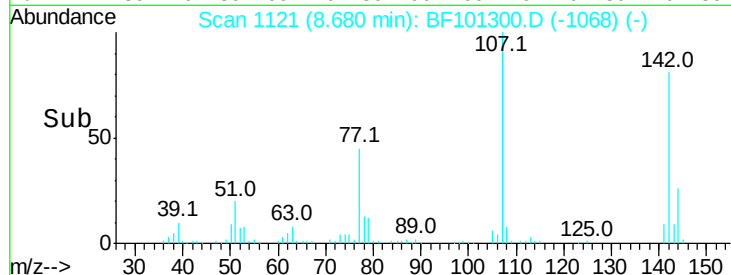
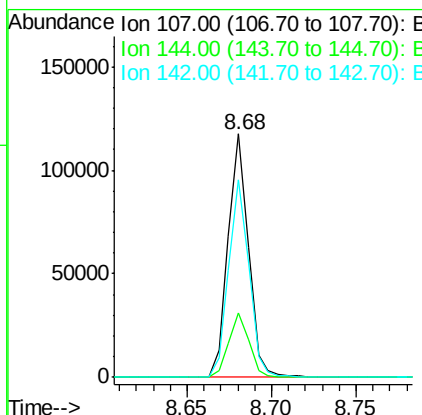
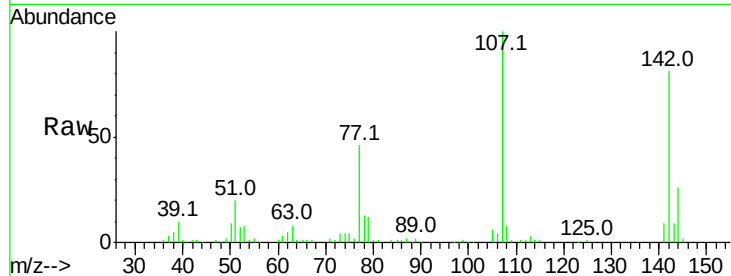




#36
 4-Chloro-3-methylphenol
 Concen: 37.477 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

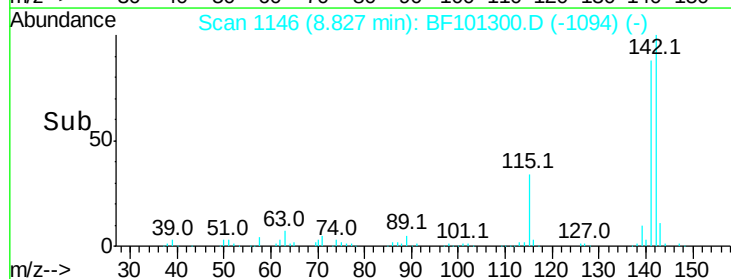
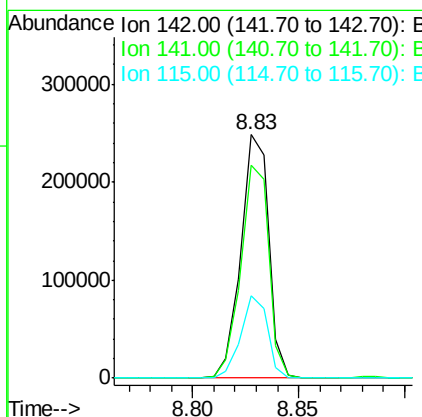
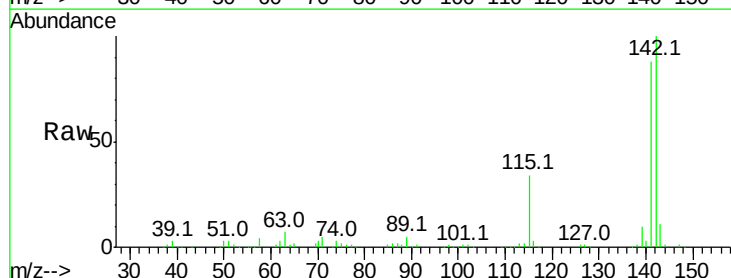
Instrument :
 BNA_F
 ClientSampleId :

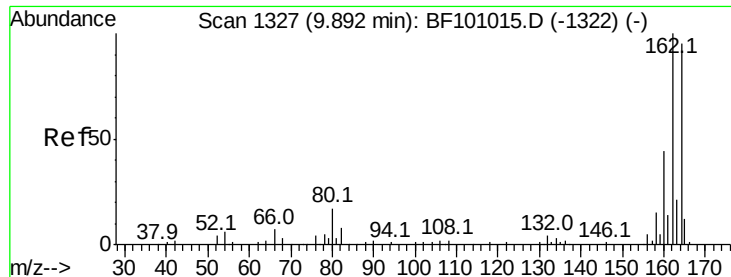
Tot Ion:107 Resp: 98641
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 80.9 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 37.824 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion:142 Resp: 226630
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.8 106.2
 115 33.8 26.1 39.1

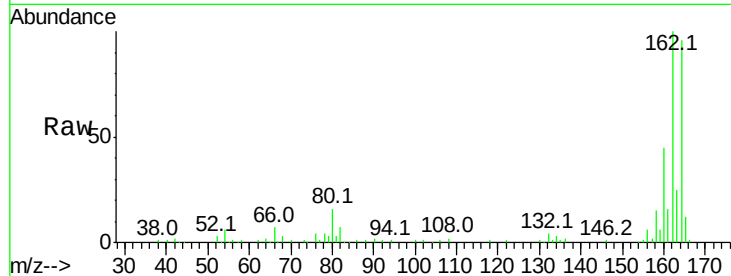




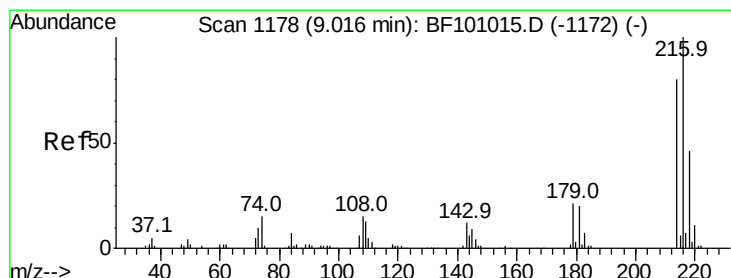
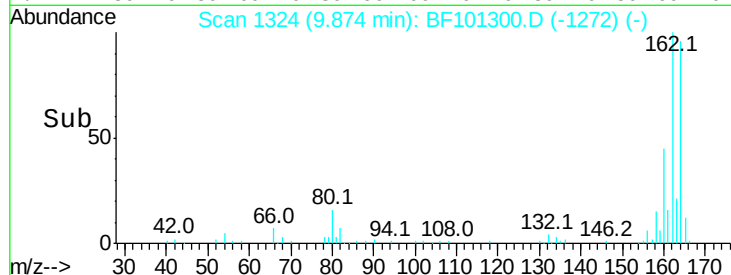
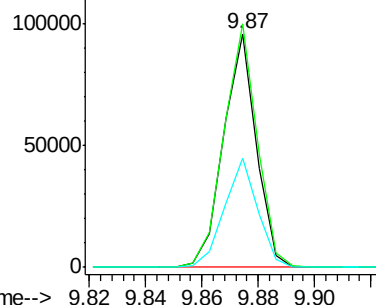
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 77201
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.5 38.3 57.5



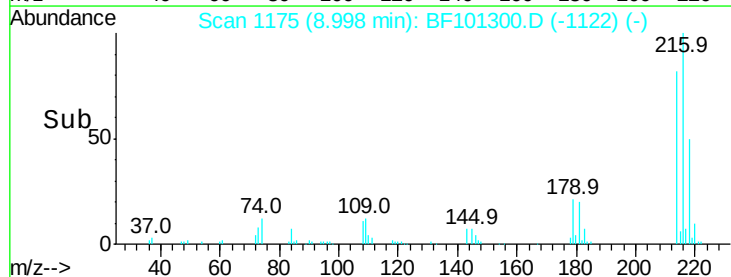
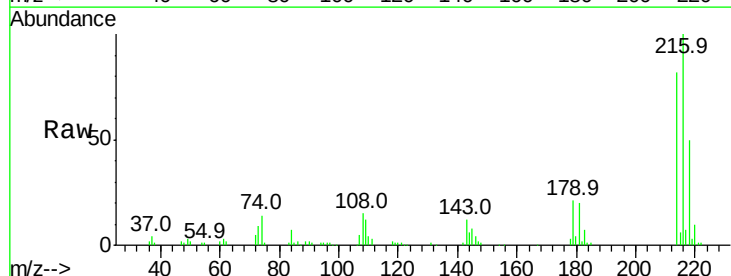
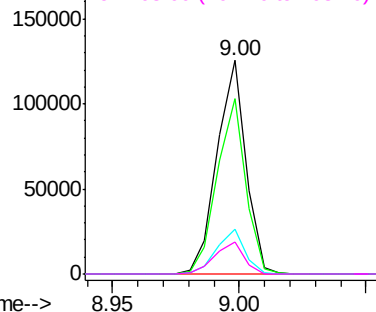
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

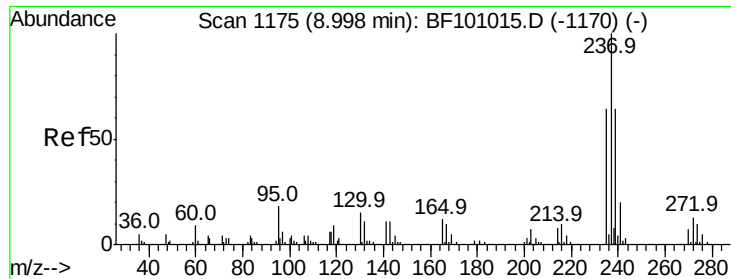


#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.677 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion:216 Resp: 100059
Ion Ratio Lower Upper
216 100
214 81.1 63.0 94.4
179 20.4 18.1 27.1
108 15.1 17.2 25.8#

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

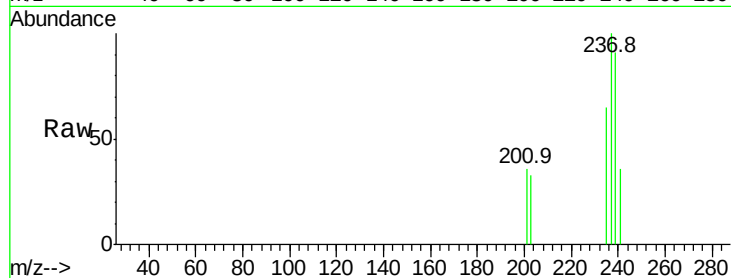




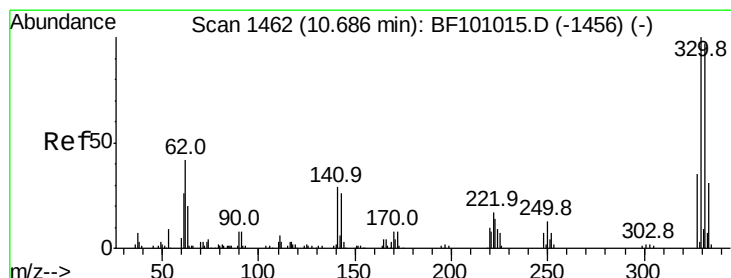
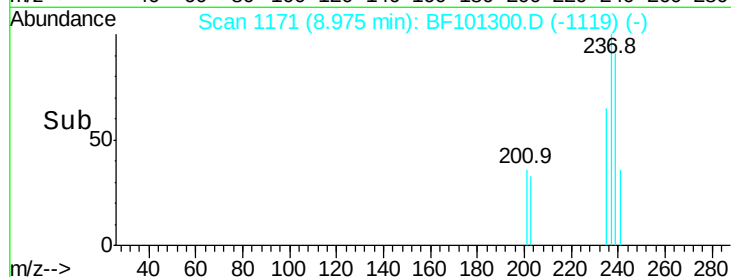
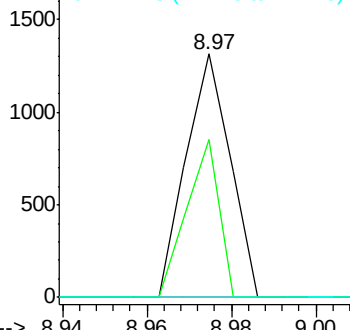
#40
Hexachlorocyclopentadiene
Concen: 9.007 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 951
Ion Ratio Lower Upper
237 100
235 64.6 44.8 84.8
272 0.0 0.0 33.3

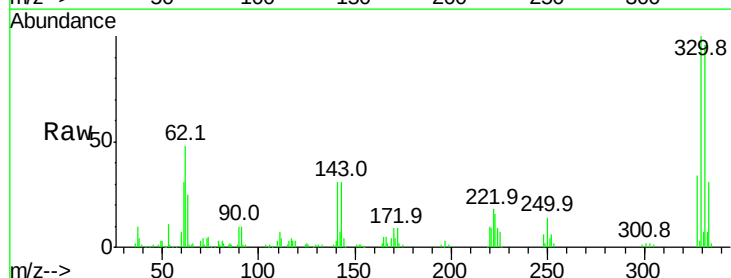


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

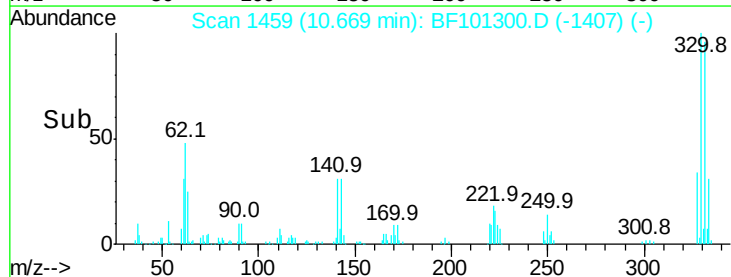
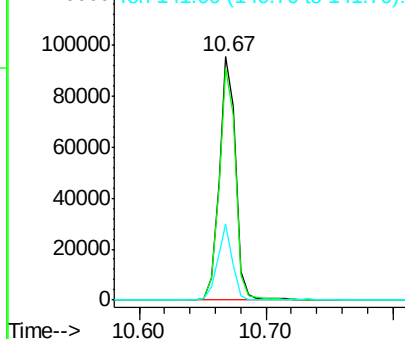


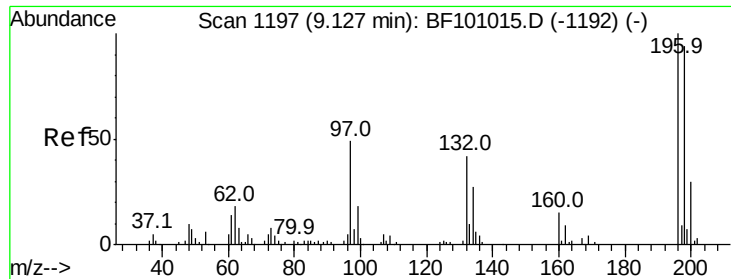
#41
2,4,6-Tribromophenol
Concen: 93.381 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion:330 Resp: 86602
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 28.5 29.9 44.9#



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

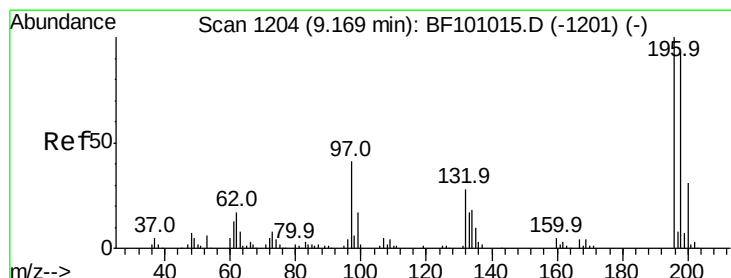
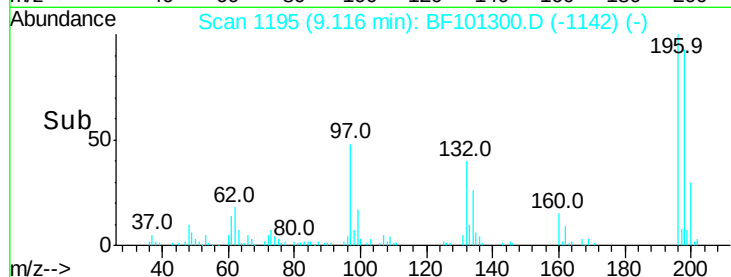
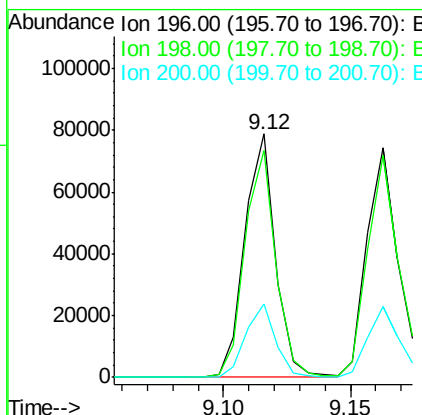
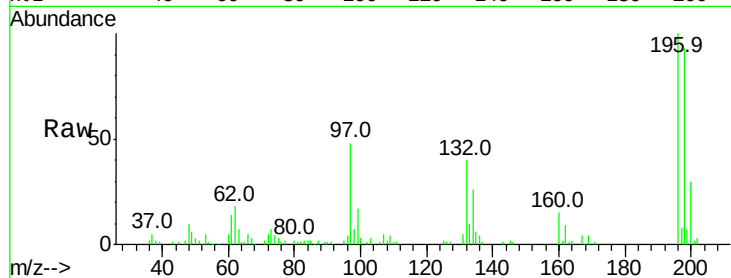




#42
 2,4,6-Trichlorophenol
 Concen: 40.317 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

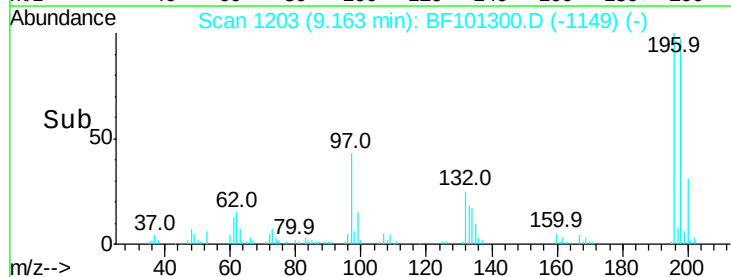
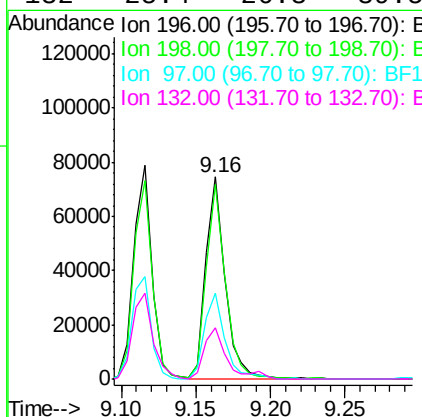
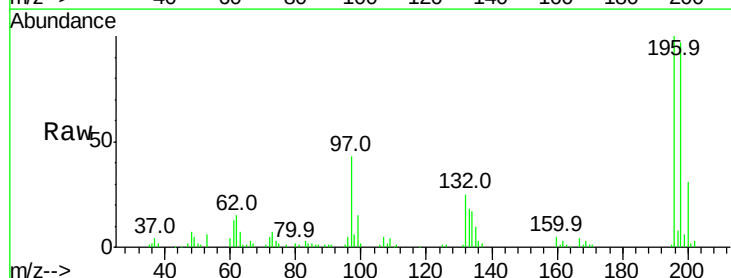
Instrument :
 BNA_F
 ClientSampleId :

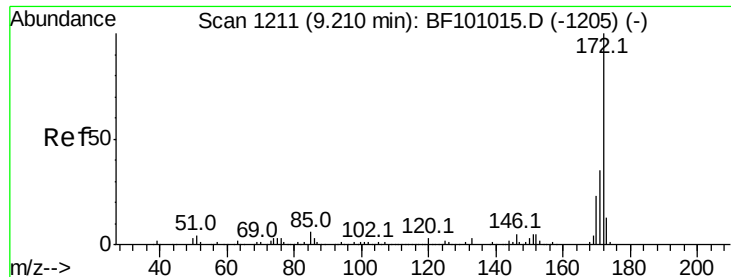
Tot Ion:196 Resp: 66283
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 30.0 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 38.349 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.02 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion:196 Resp: 67403
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.6 112.0
 97 42.6 42.9 64.3#
 132 25.4 26.3 39.5#

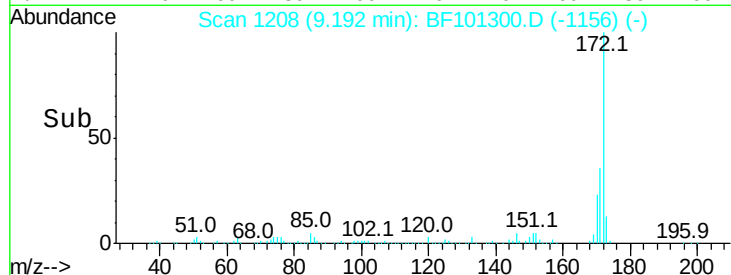
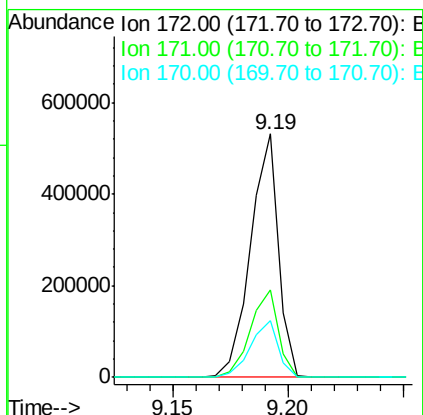
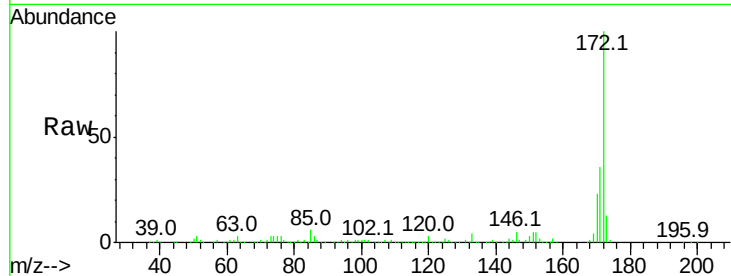




#44
2-Fluorobiphenyl
Concen: 79.562 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

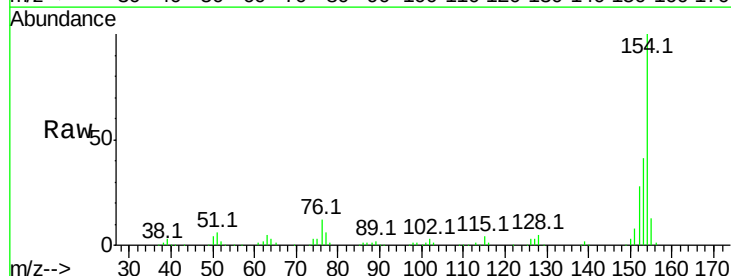
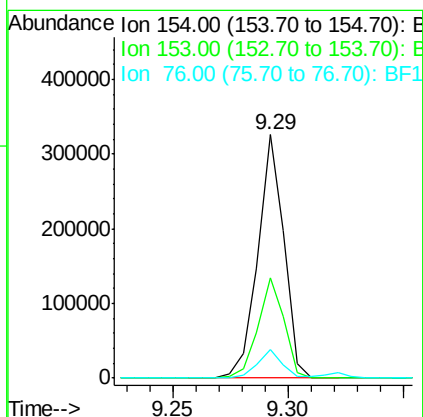
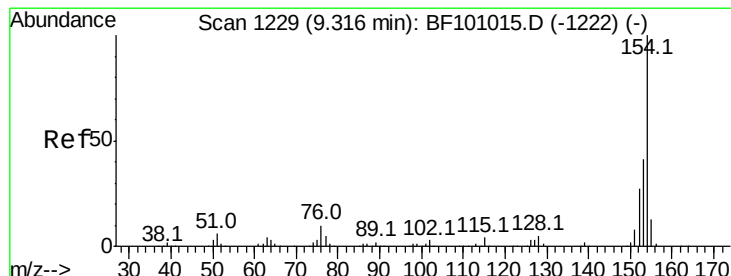
Instrument :
BNA_F
ClientSampleId :

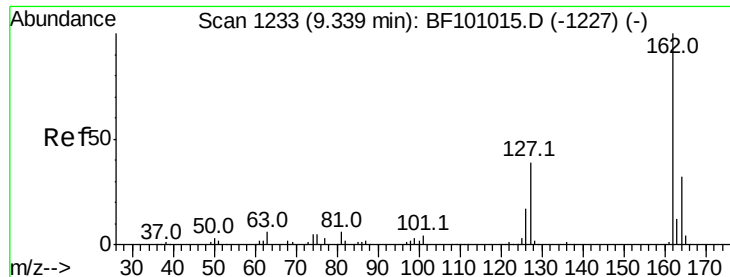
Tot Ion:172 Resp: 448932
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.4 19.6 29.4



#45
1,1'-Biphenyl
Concen: 36.405 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion:154 Resp: 257502
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 11.6 0.0 34.0

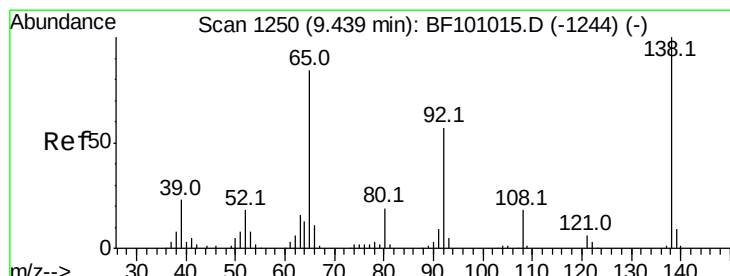
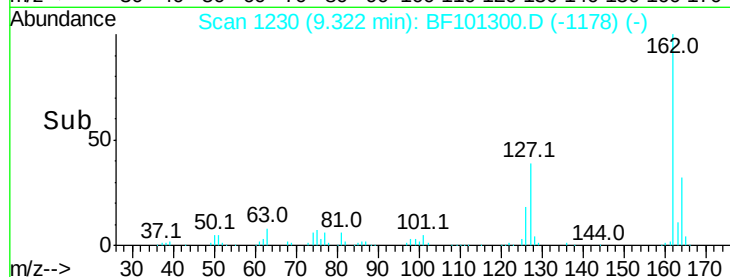
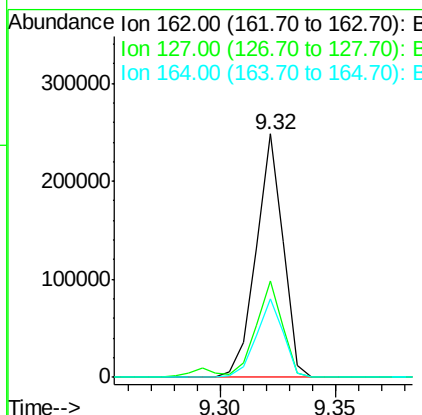
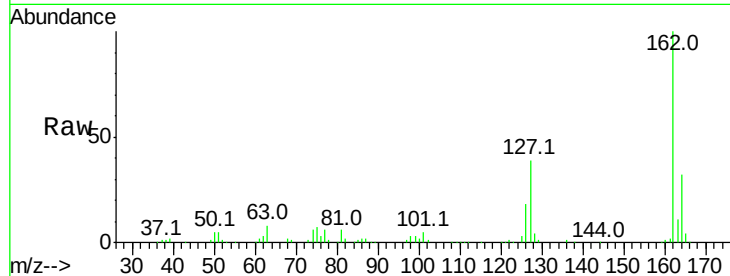




#46
2-Chloronaphthalene
Concen: 40.257 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

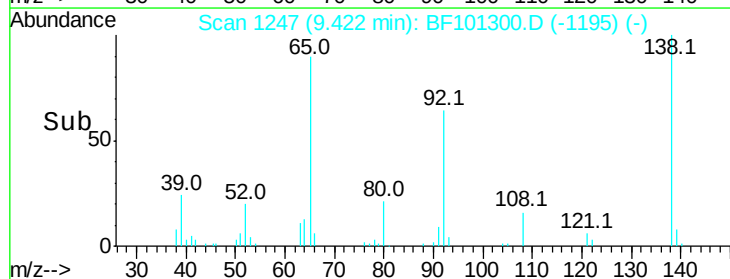
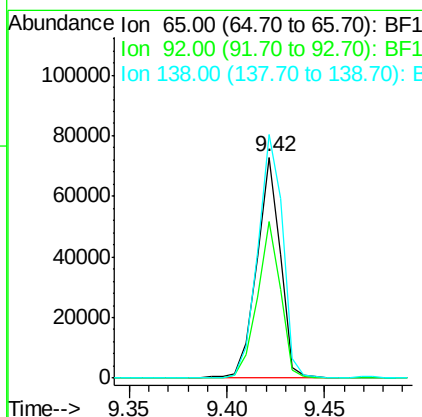
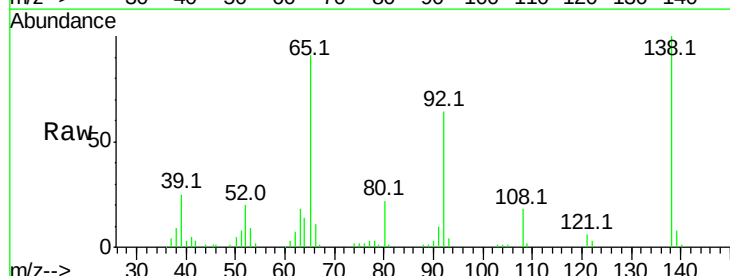
Instrument :
BNA_F
ClientSampleId :

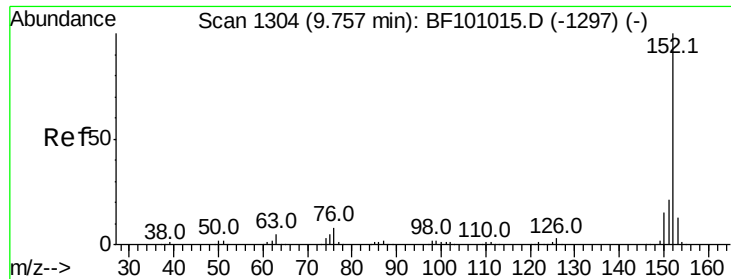
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.9	50.9
164	32.3	26.5	39.7



#47
2-Nitroaniline
Concen: 40.871 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	55.8	83.6
138	110.3	91.2	136.8





#48

Acenaphthylene

Concen: 36.472 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

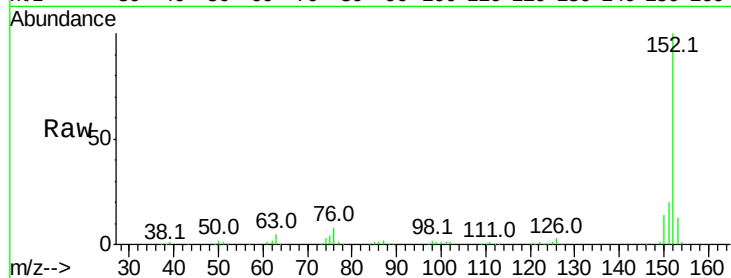
Tot Ion:152 Resp: 301084

Ion Ratio Lower Upper

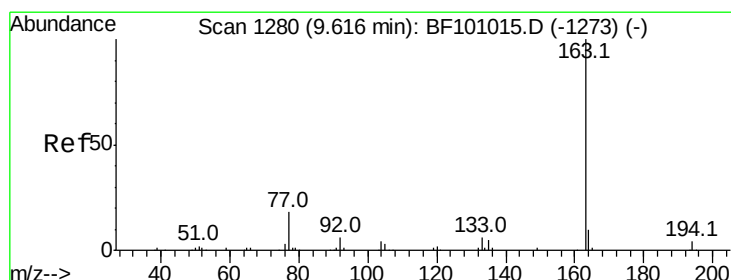
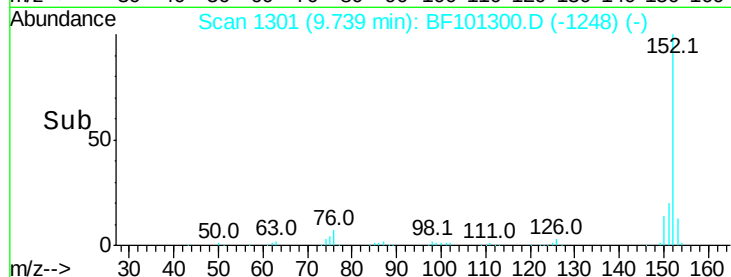
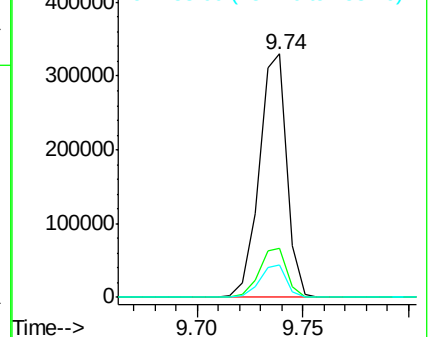
152 100

151 20.0 16.3 24.5

153 13.1 10.7 16.1



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



#49

Dimethylphthalate

Concen: 47.222 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

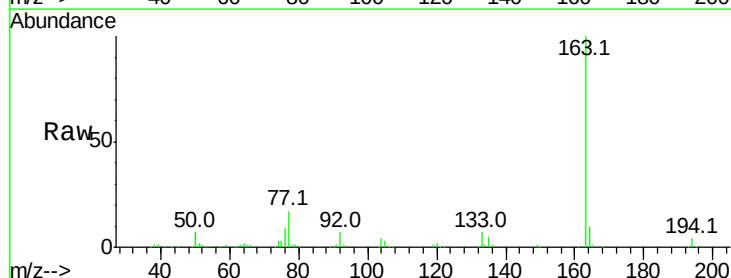
Tgt Ion:163 Resp: 294010

Ion Ratio Lower Upper

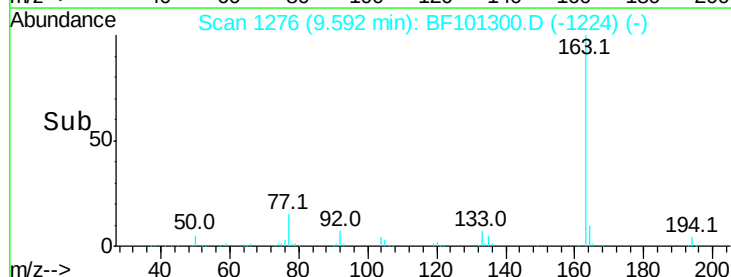
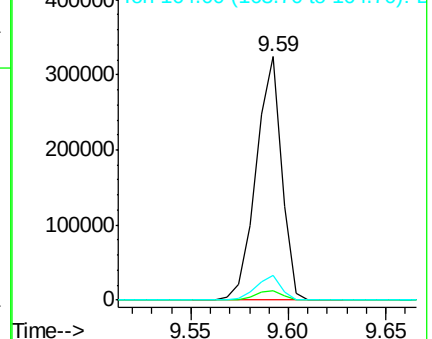
163 100

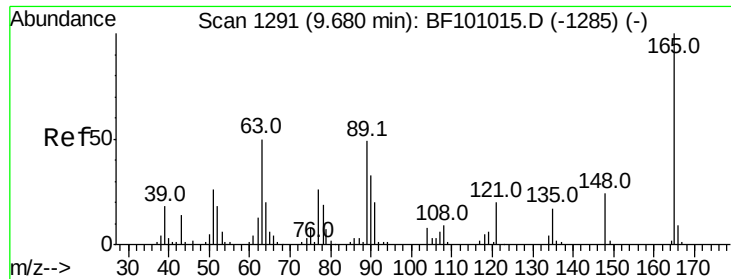
194 3.9 2.7 4.1

164 10.4 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

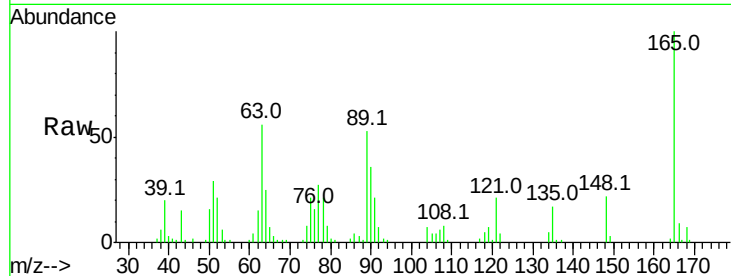




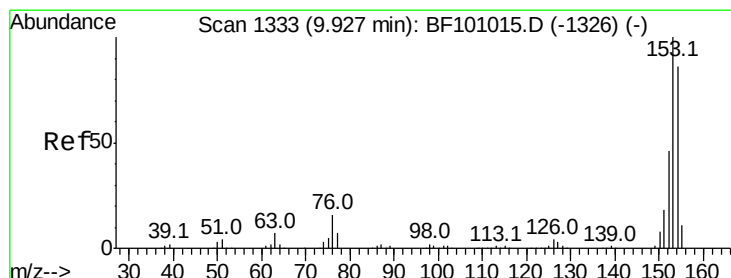
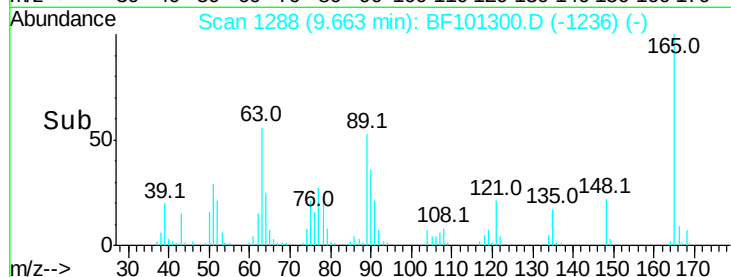
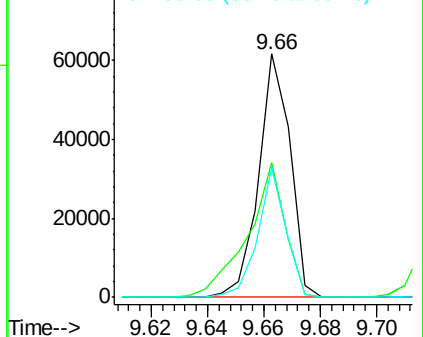
#50
 2,6-Dinitrotoluene
 Concen: 36.197 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 47467
 Ion Ratio Lower Upper
 165 100
 63 55.6 44.7 67.1
 89 53.4 44.0 66.0

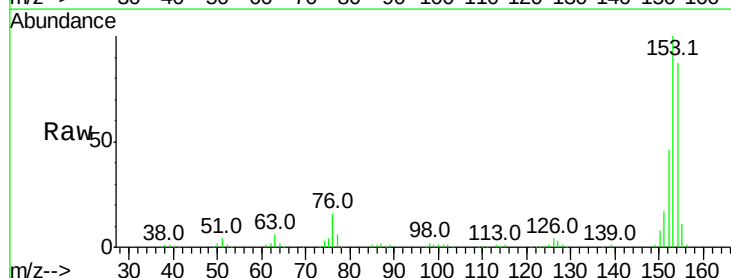


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

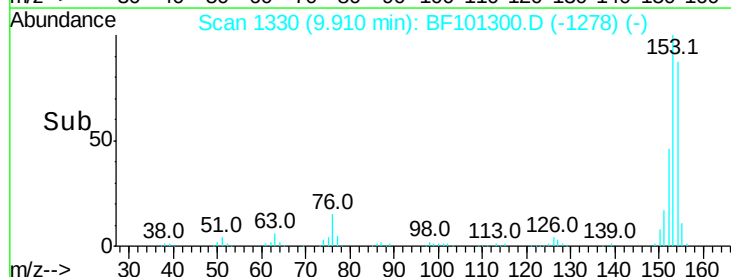
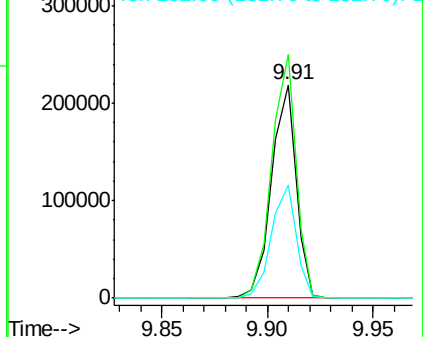


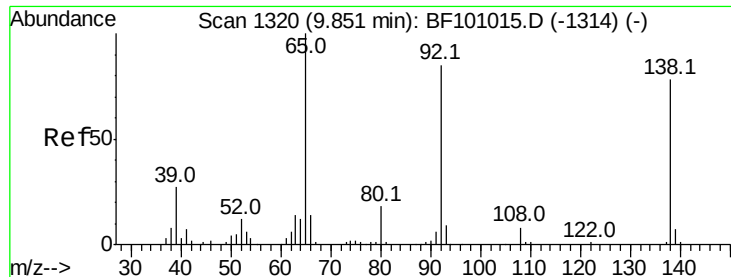
#51
 Acenaphthene
 Concen: 36.004 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion:154 Resp: 177972
 Ion Ratio Lower Upper
 154 100
 153 114.4 91.2 136.8
 152 52.9 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

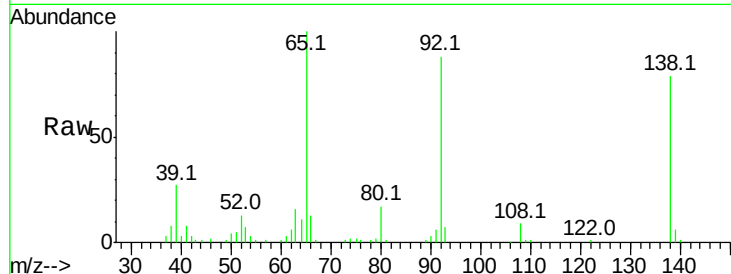




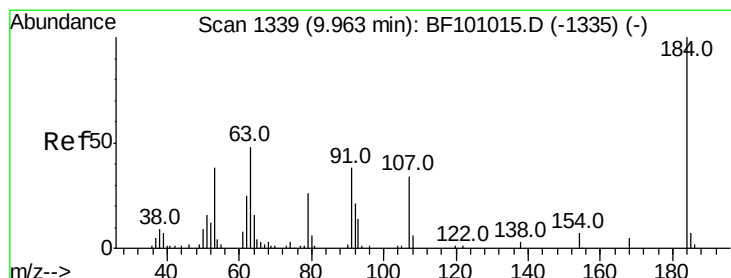
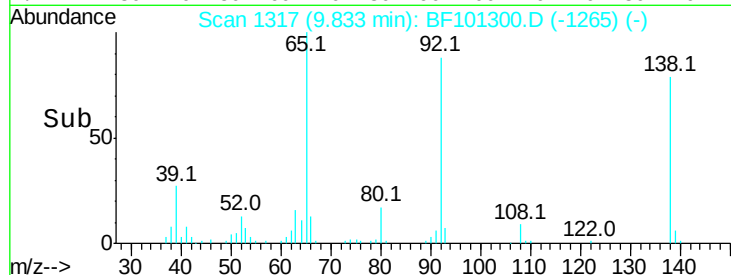
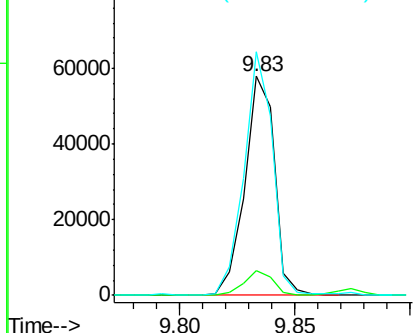
#52
3-Nitroaniline
Concen: 35.315 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 52079
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.0
92 111.3 89.4 134.2

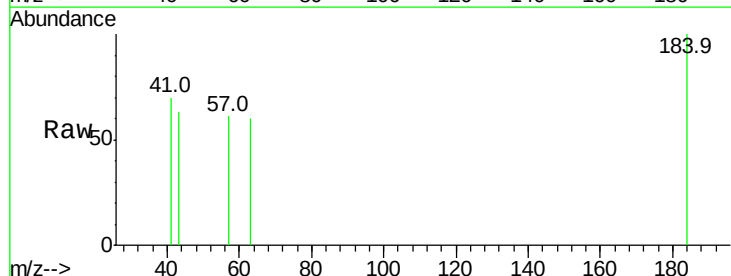


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

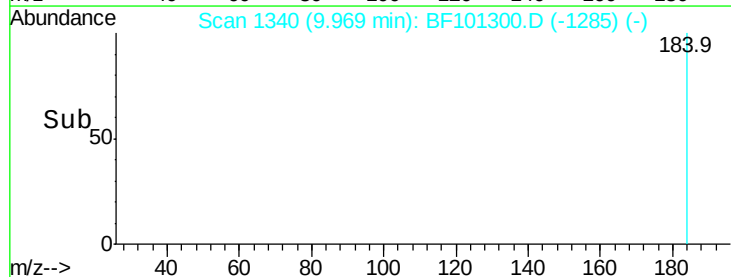
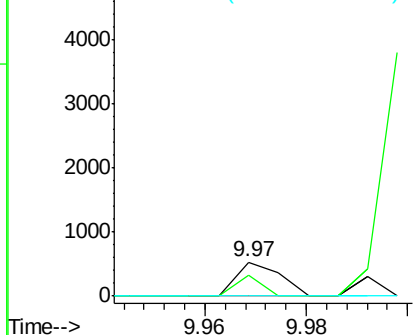


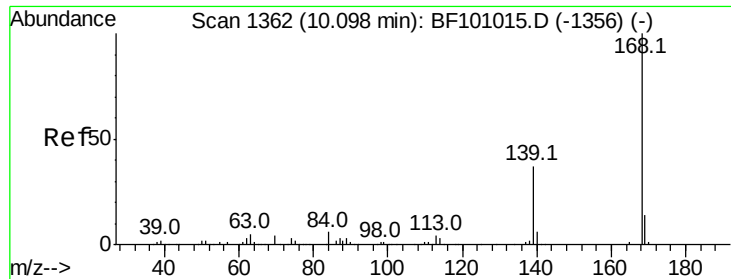
#53
2,4-Dinitrophenol
Concen: 5.274 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion:184 Resp: 321
Ion Ratio Lower Upper
184 100
63 59.7 54.2 81.2
154 0.0 184.0 276.0#



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





#54

Dibenzenofuran

Concen: 37.087 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

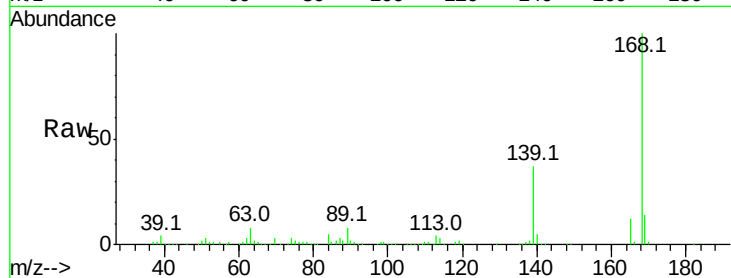
Tot Ion:168 Resp: 264187

Ion Ratio Lower Upper

168 100

139 36.8 30.1 45.1

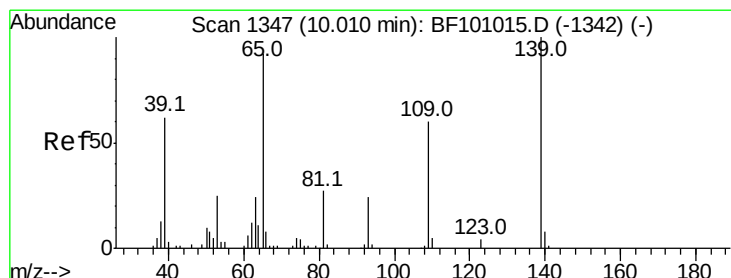
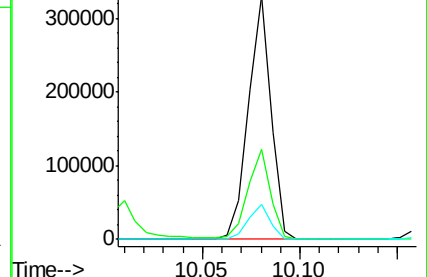
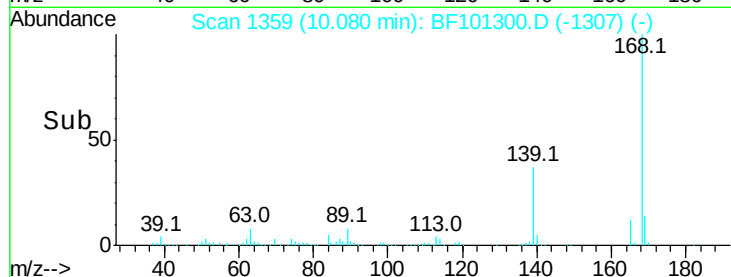
169 14.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 53.775 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.02 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

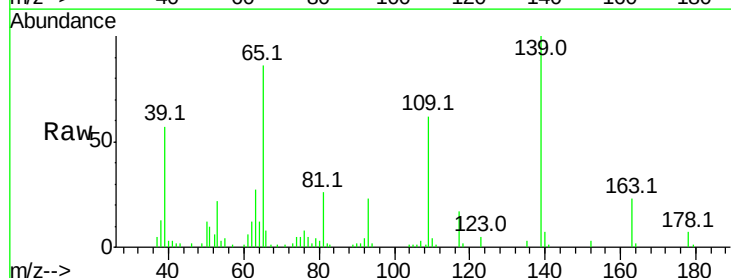
Tgt Ion:139 Resp: 53482

Ion Ratio Lower Upper

139 100

109 61.9 48.4 88.4

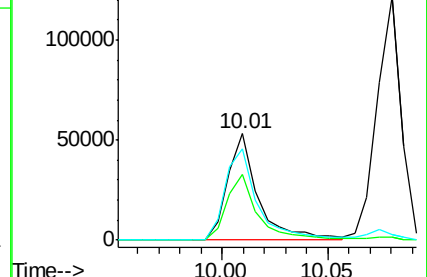
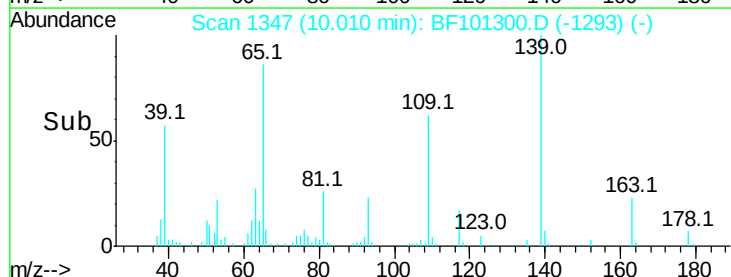
65 86.2 72.6 112.6

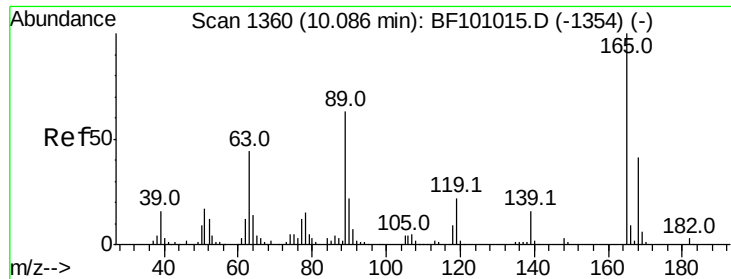


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

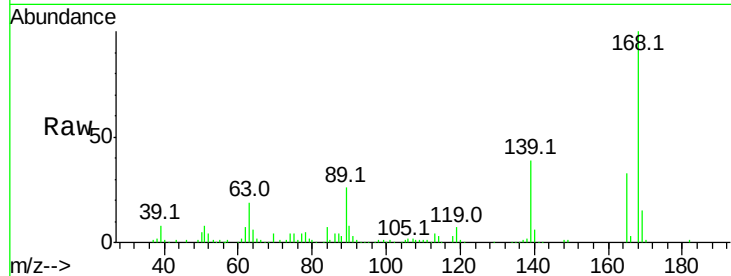




#56
2,4-Dinitrotoluene
Concen: 31.184 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.8	36.4	54.6#
89	76.6	57.8	86.6
182	2.6	1.6	2.4#



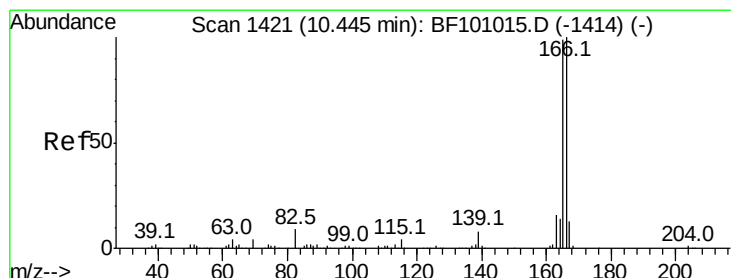
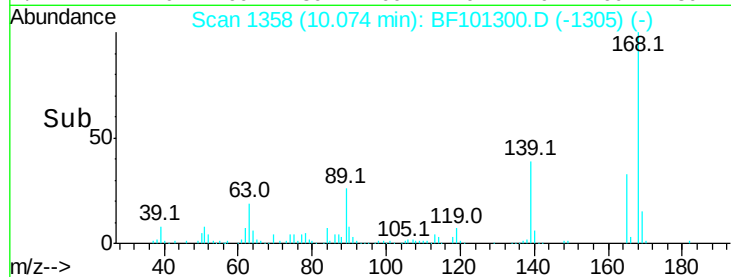
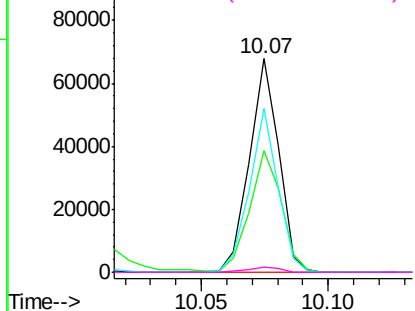
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

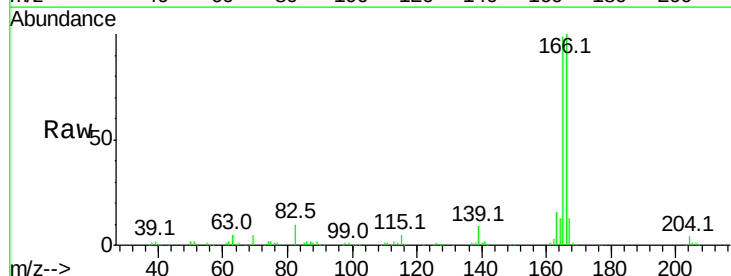
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 35.815 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.2	10.6	16.0

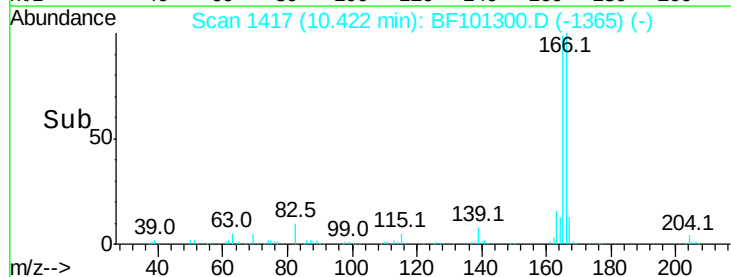
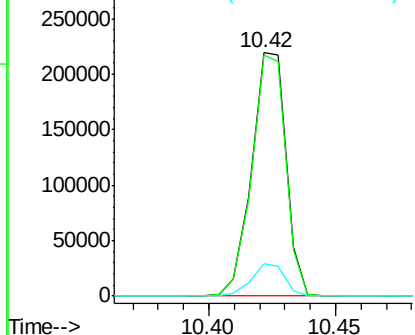


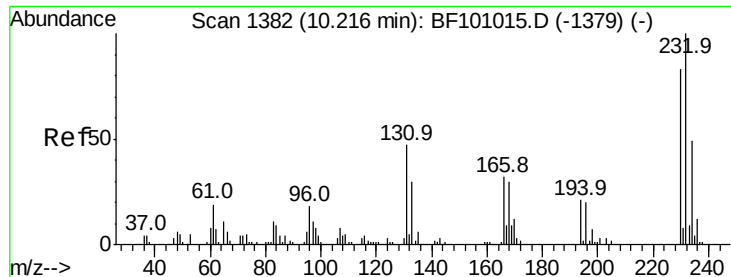
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

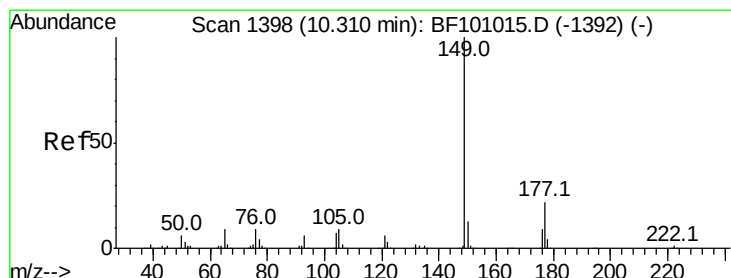
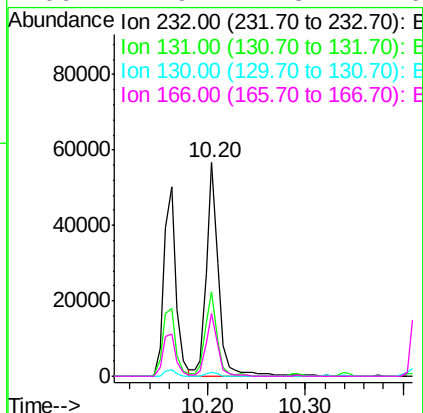
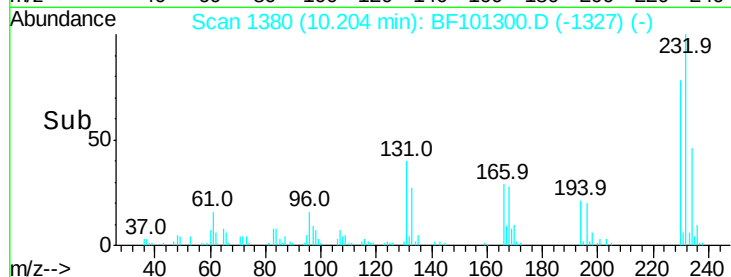
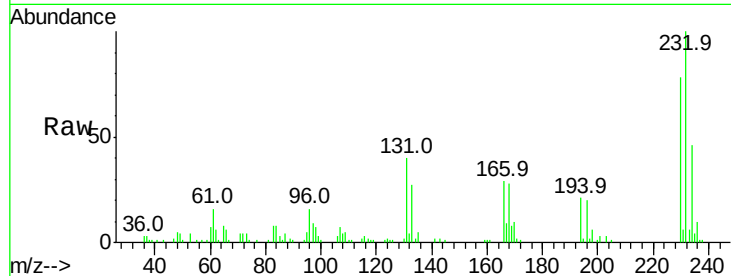




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.013 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

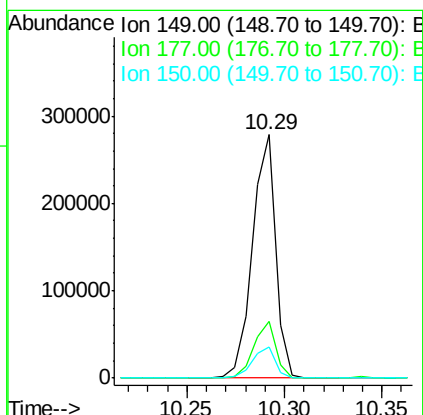
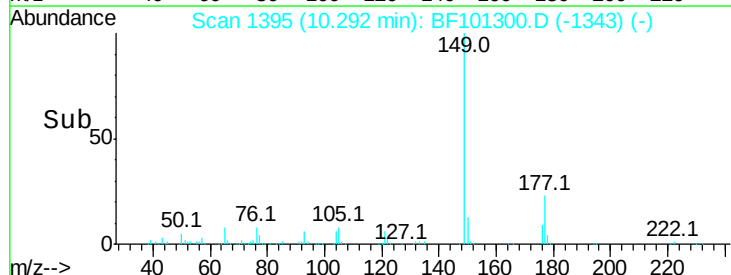
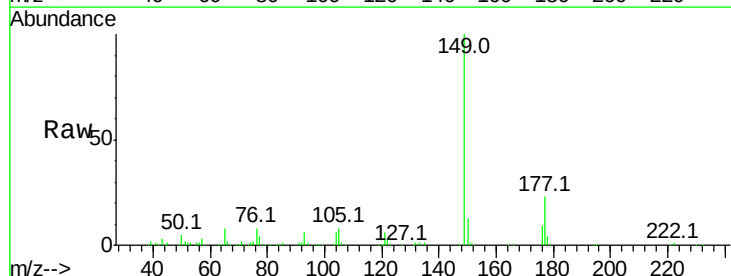
Instrument :
 BNA_F
 ClientSampled :

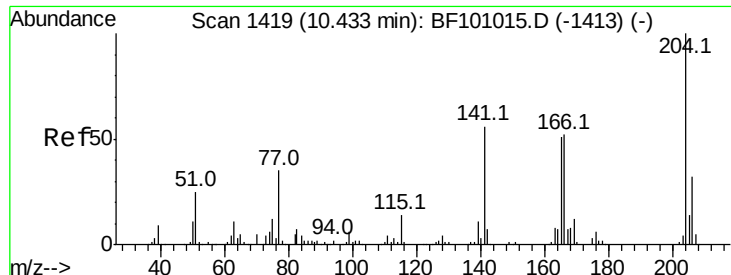
Tot Ion:232 Resp: 49274
 Ion Ratio Lower Upper
 232 100
 131 38.1 43.8 65.8#
 130 1.7 2.1 3.1#
 166 27.9 27.8 41.6



#59
 Diethylphthalate
 Concen: 37.346 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion:149 Resp: 229343
 Ion Ratio Lower Upper
 149 100
 177 23.1 16.1 24.1
 150 12.6 10.1 15.1

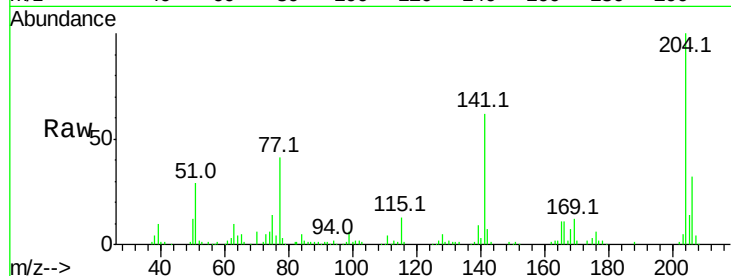




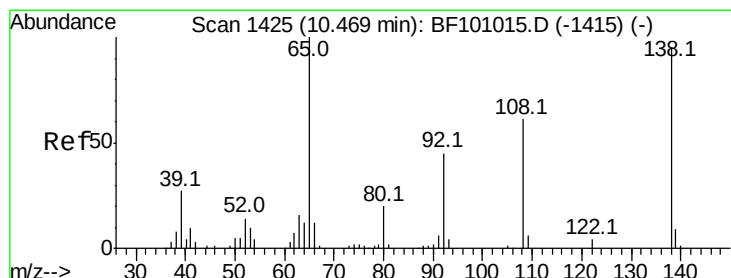
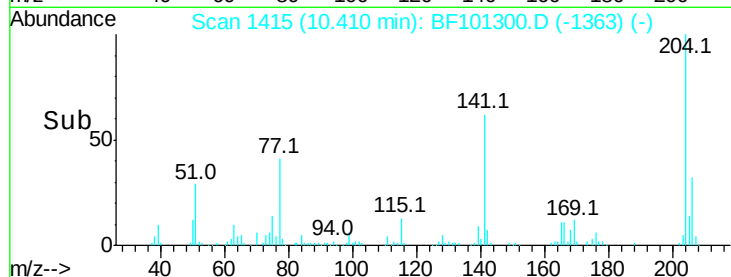
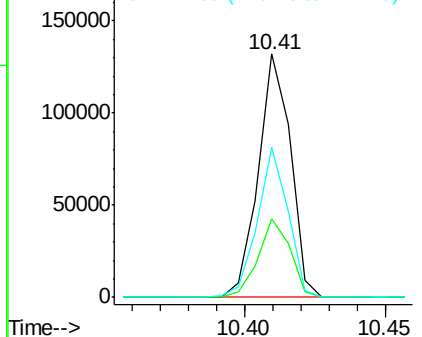
#60
4-Chlorophenyl-phenylether
Concen: 36.563 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 104538
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 61.8 54.6 81.8

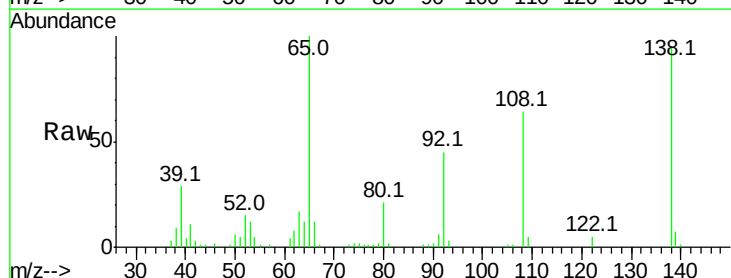


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

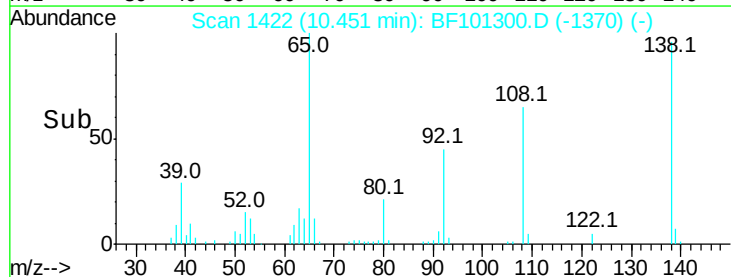
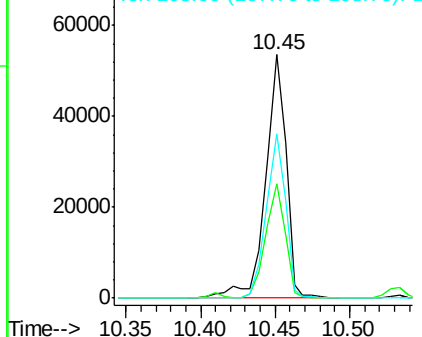


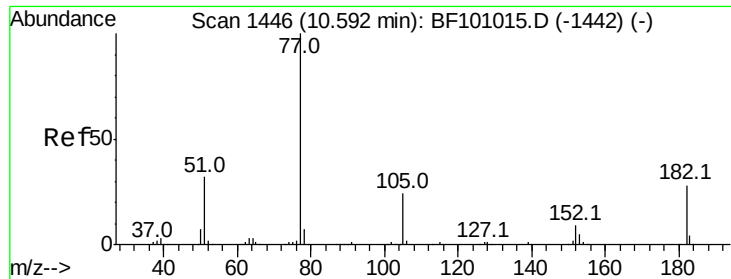
#61
4-Nitroaniline
Concen: 33.123 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion:138 Resp: 50705
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 67.6 52.5 92.5



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





#62

Azobenzene

Concen: 35.048 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 182657

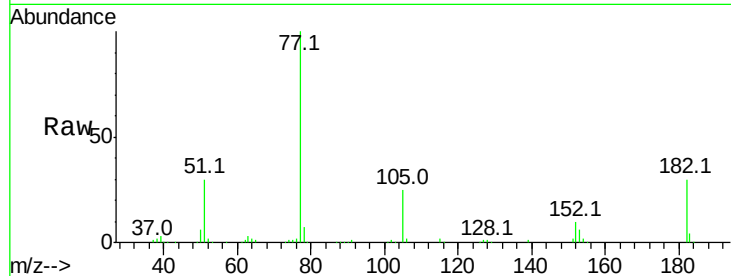
Ion Ratio Lower Upper

77 100

182 30.2 1.7 41.7

105 24.6 3.0 43.0

51 30.2 9.9 49.9

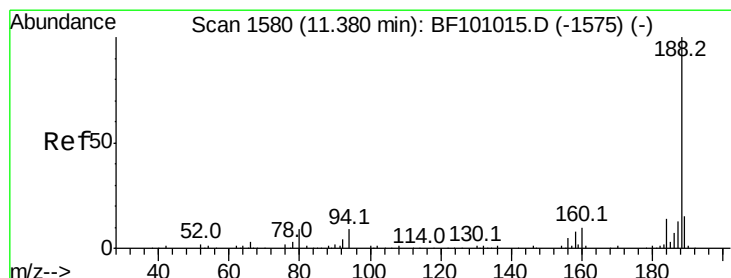
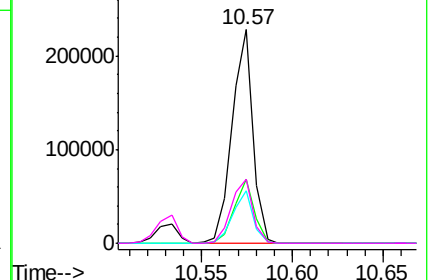
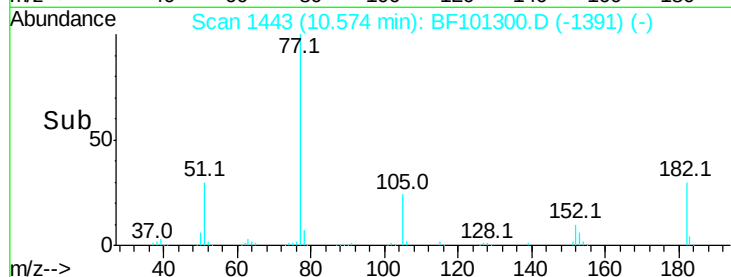


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

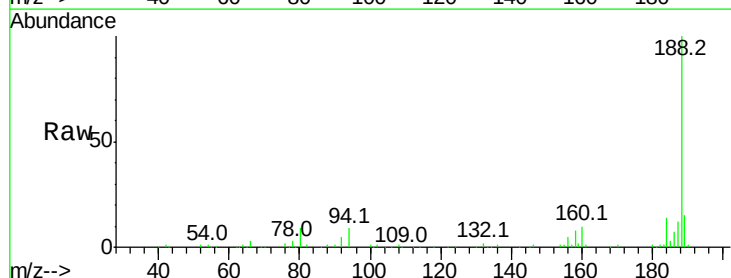
Tgt Ion: 188 Resp: 127963

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

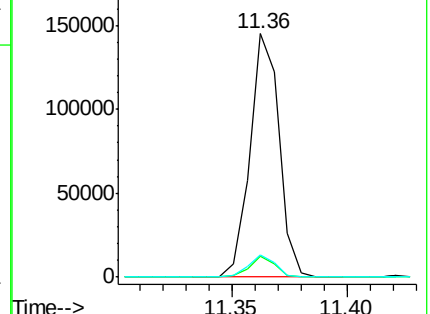
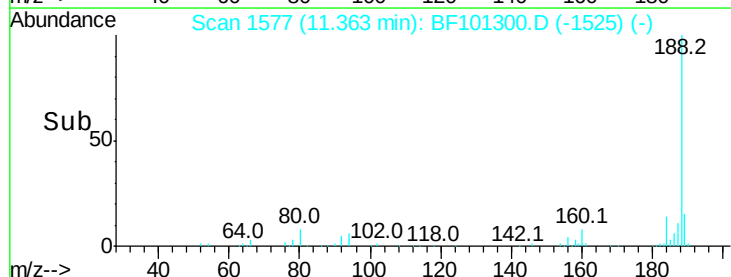
80 8.9 9.2 13.8#

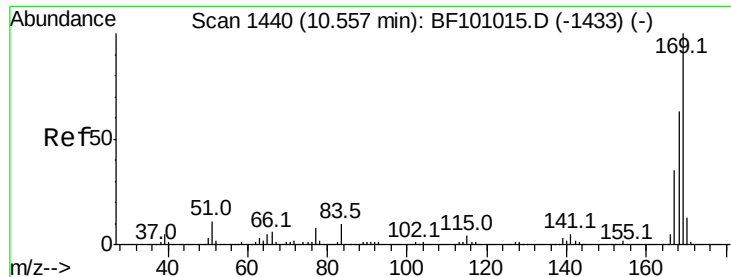


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

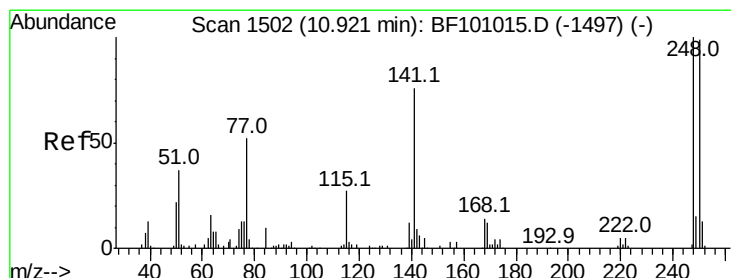
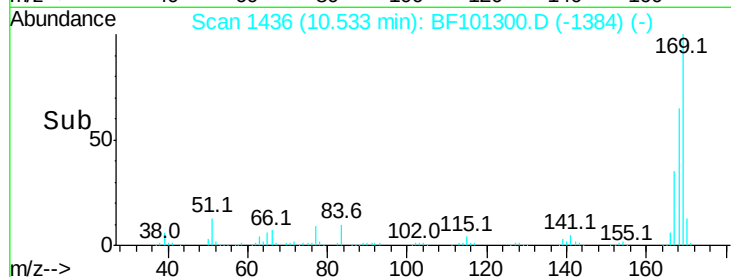
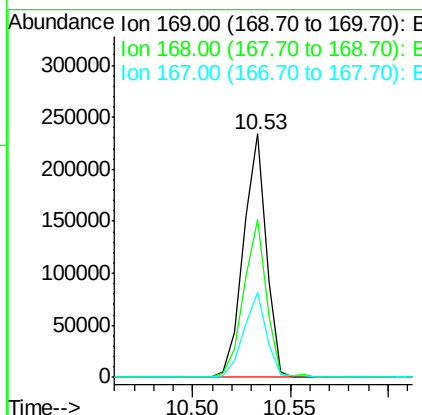
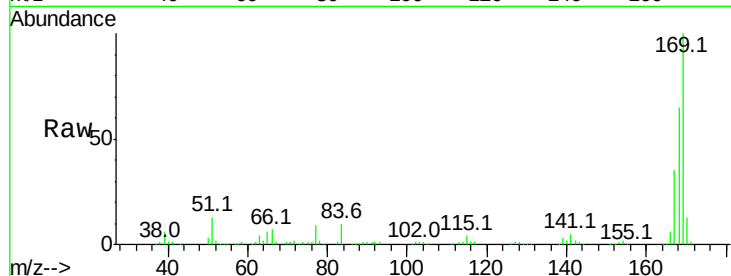




#65
 n-Nitrosodiphenylamine
 Concen: 42.089 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

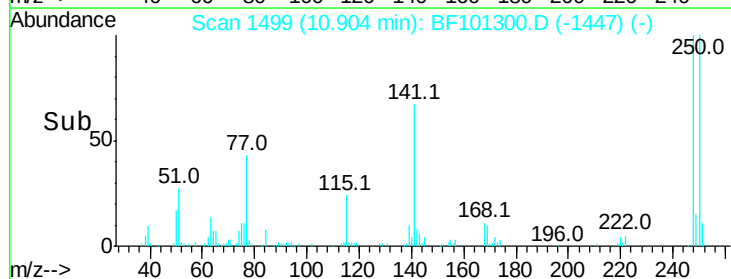
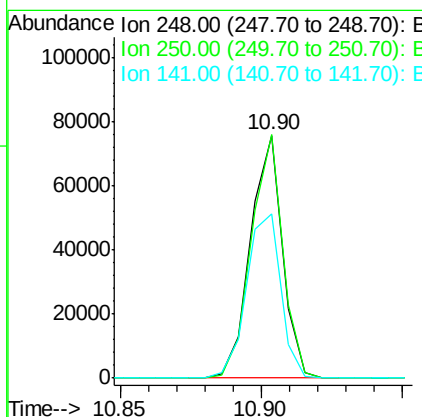
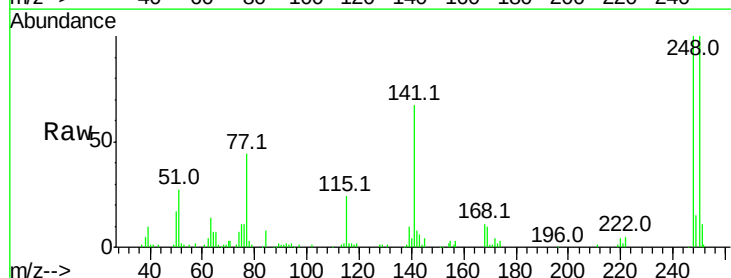
Instrument :
 BNA_F
 ClientSampleId :

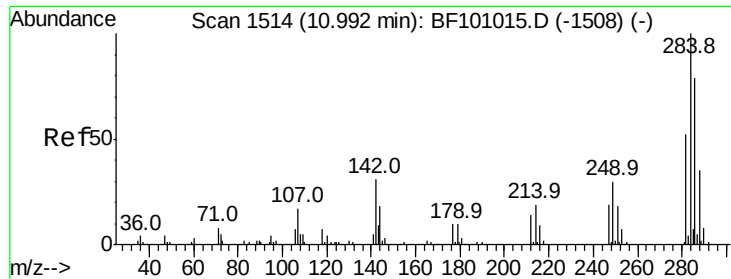
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.1	54.4	81.6
167	34.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.510 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	76.9	115.3
141	67.7	74.4	111.6





#67

Hexachlorobenzene

Concen: 38.869 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.02 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

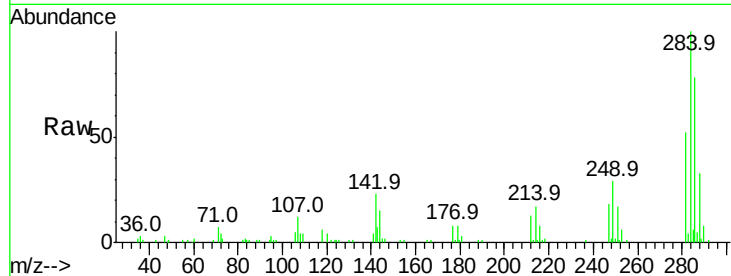
Tot Ion:284 Resp: 59668

Ion Ratio Lower Upper

284 100

142 23.5 34.6 52.0#

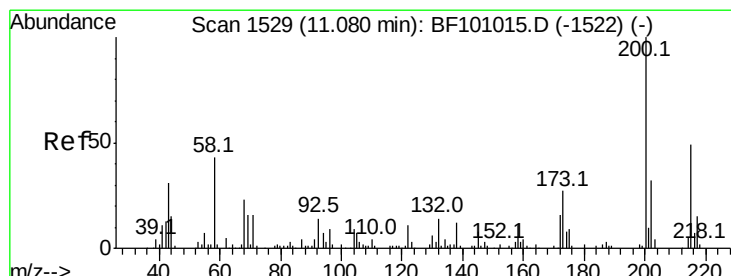
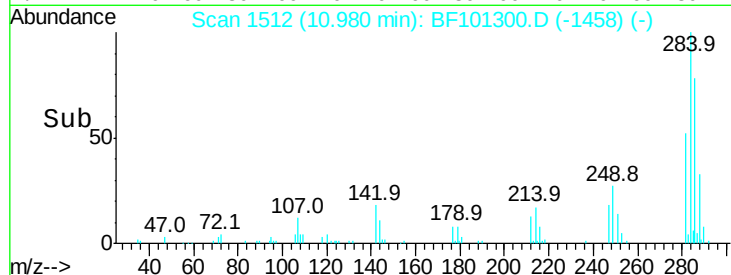
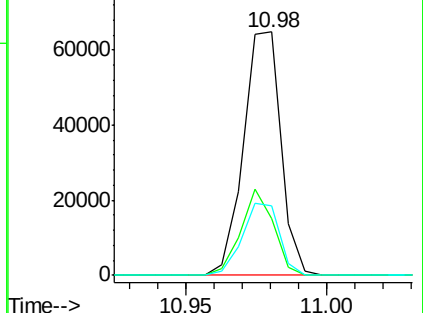
249 28.5 24.8 37.2



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: 41.433 ng

RT: 11.06 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

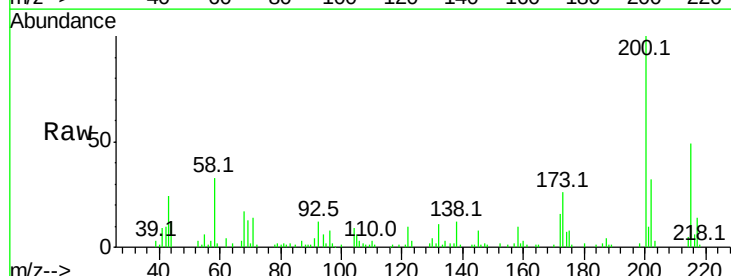
Tgt Ion:200 Resp: 57375

Ion Ratio Lower Upper

200 100

173 26.1 8.6 48.6

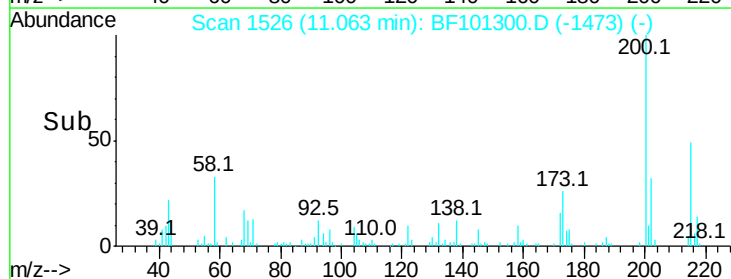
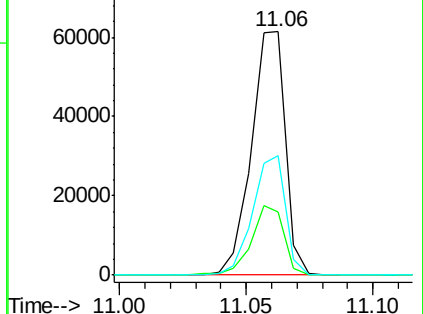
215 48.9 25.1 65.1

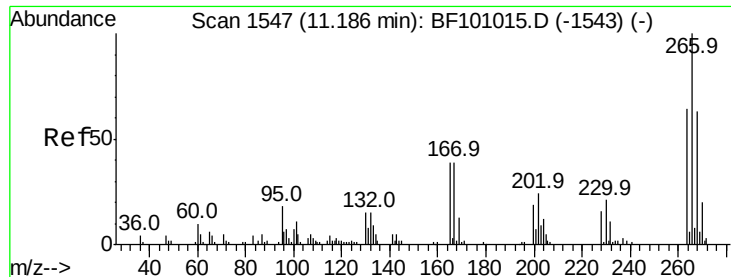


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

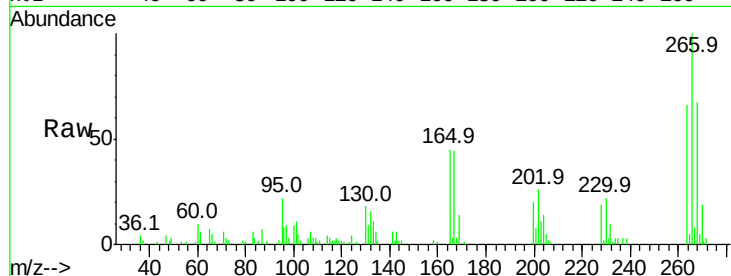




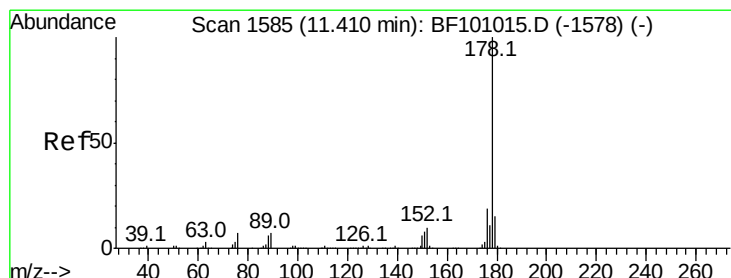
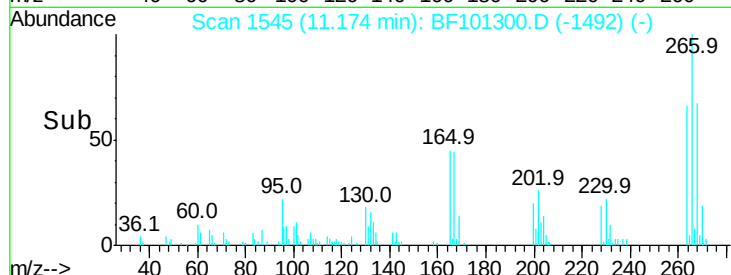
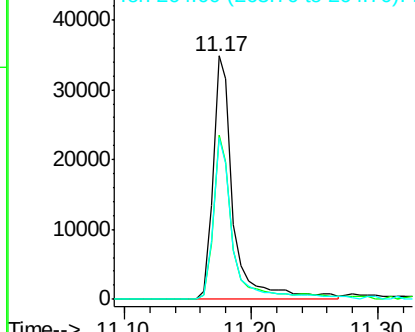
#69
 Pentachlorophenol
 Concen: 46.781 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.3	51.1	76.7
264	66.4	49.5	74.3

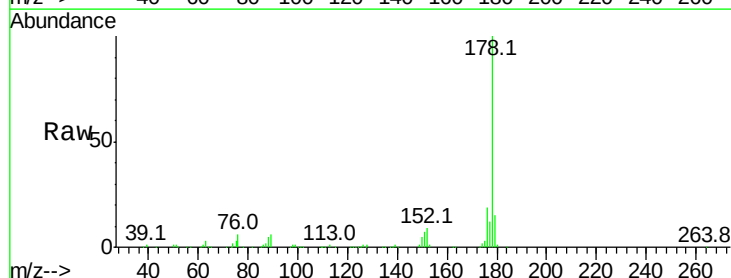


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

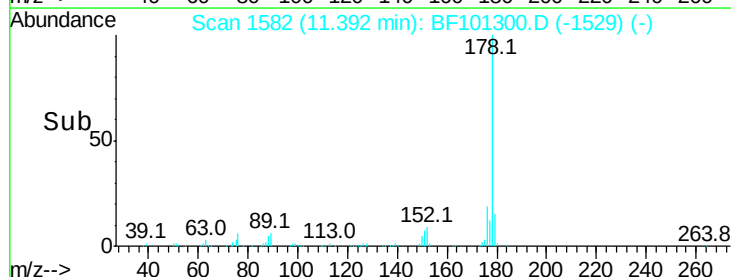
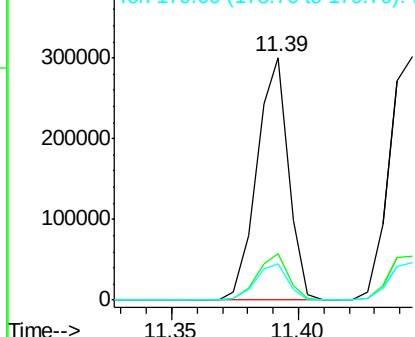


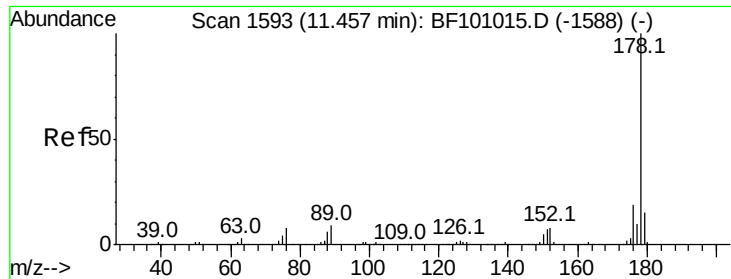
#70
 Phenanthrene
 Concen: 36.985 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.0	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

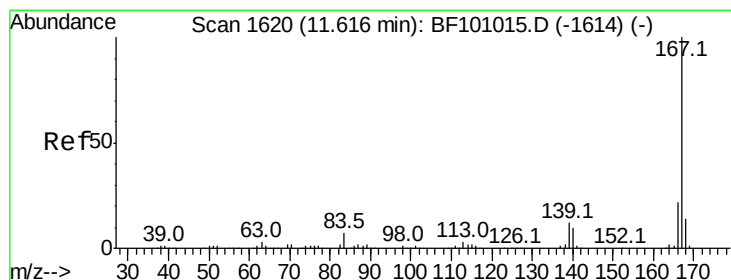
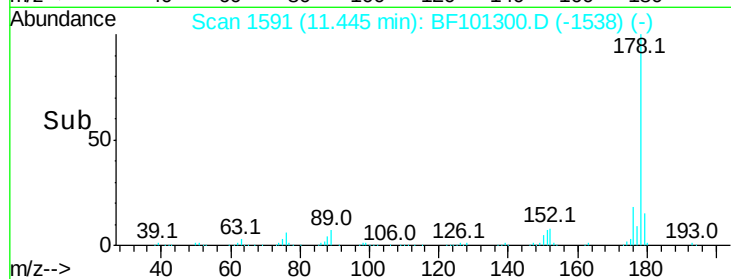
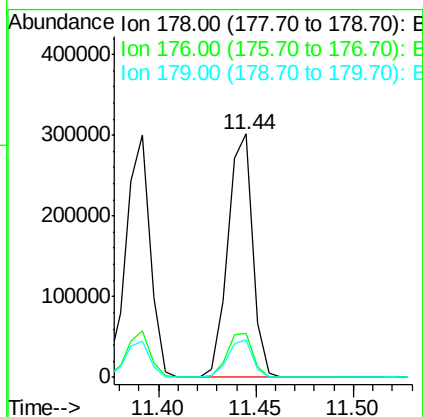
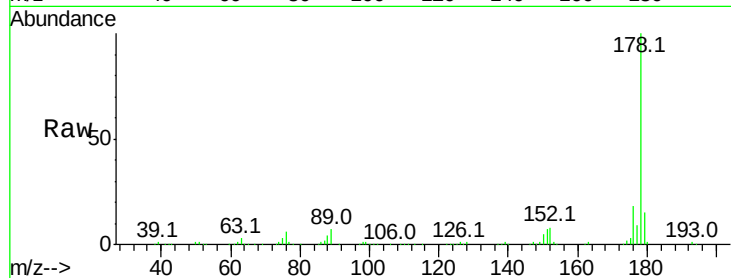




#71
 Anthracene
 Concen: 37.268 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

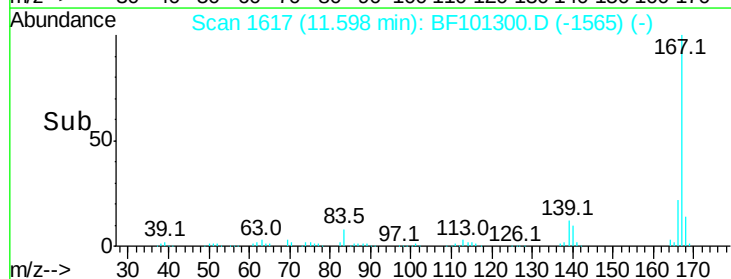
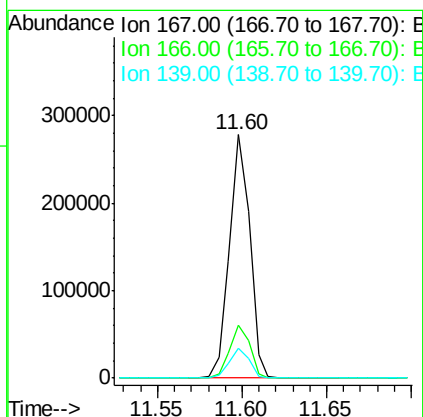
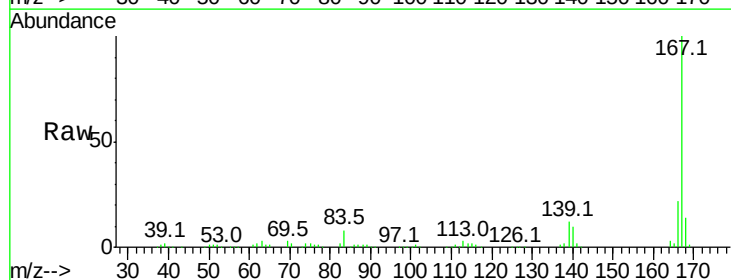
Instrument :
 BNA_F
 ClientSampleId :

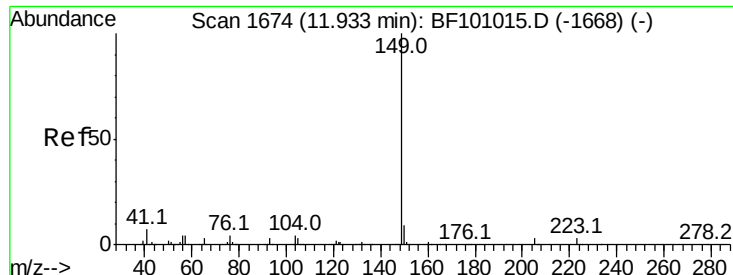
Tot Ion:178 Resp: 265795
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 35.652 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion:167 Resp: 232320
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.043 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

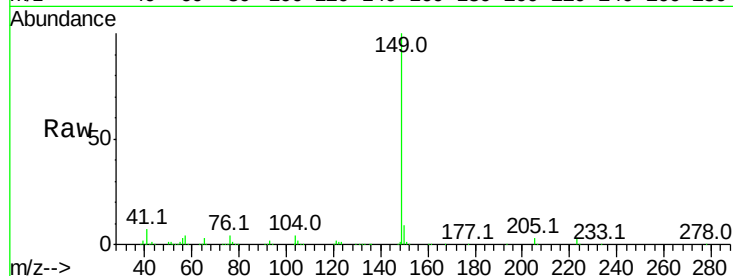
Tot Ion:149 Resp: 318892

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

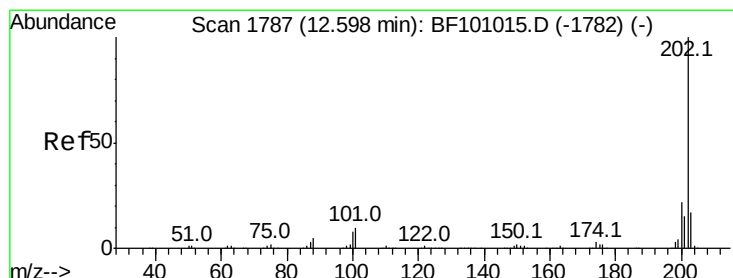
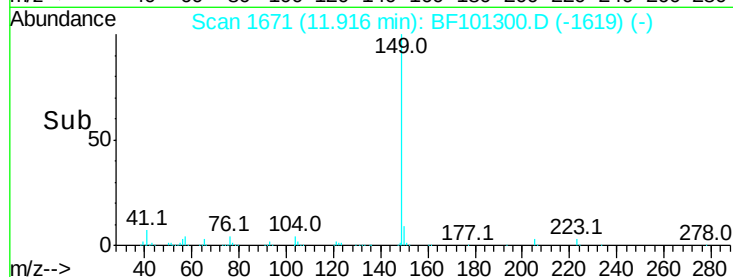
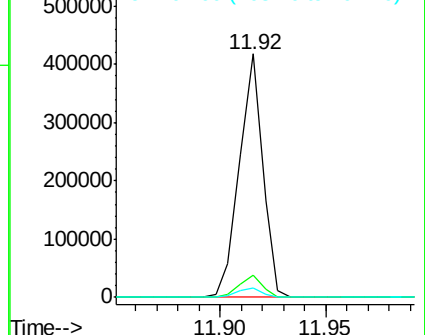
104 3.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.247 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

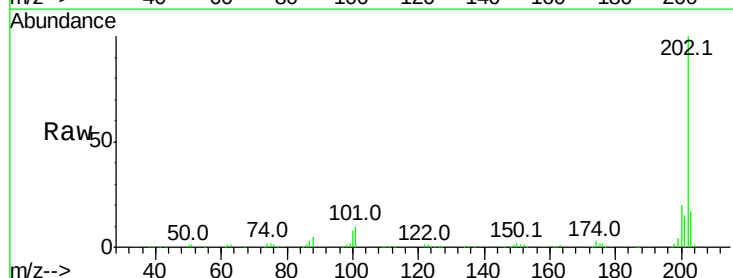
Tgt Ion:202 Resp: 251894

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

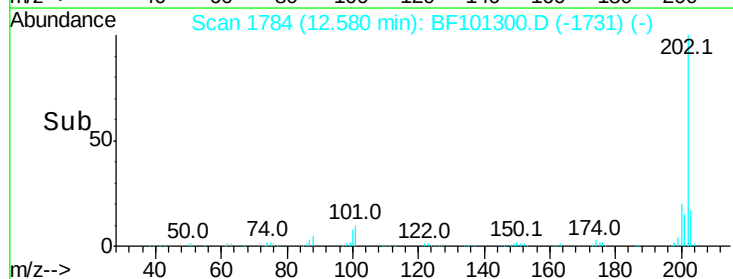
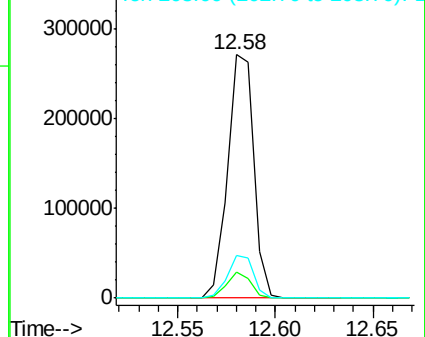
203 17.3 0.0 38.1

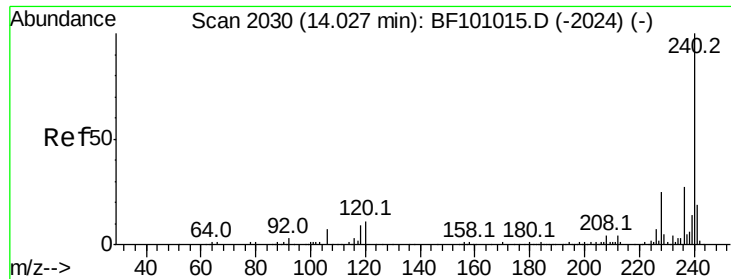


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

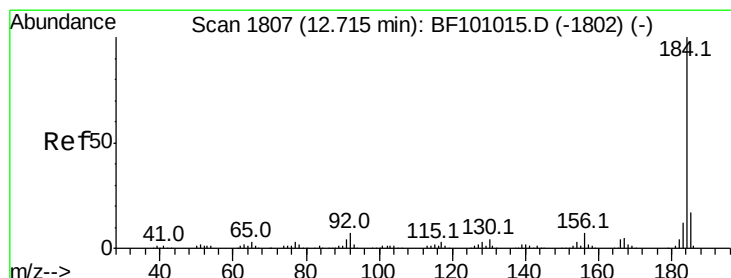
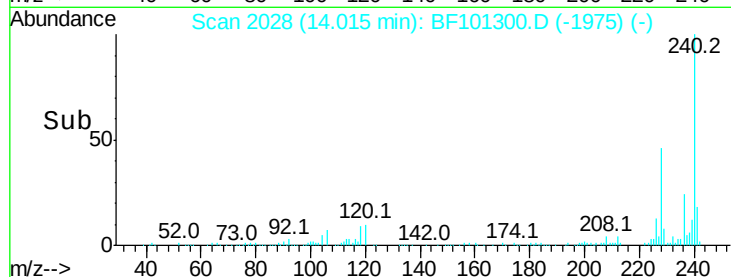
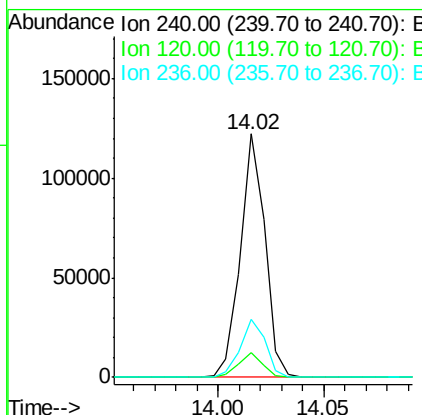
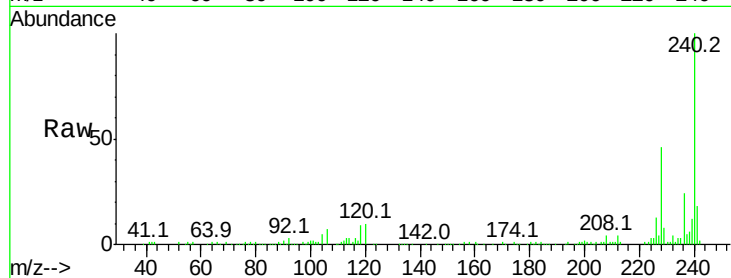




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

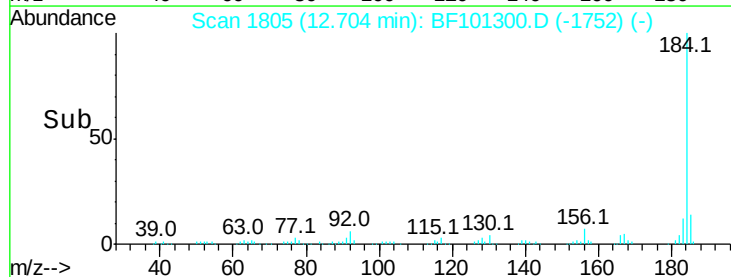
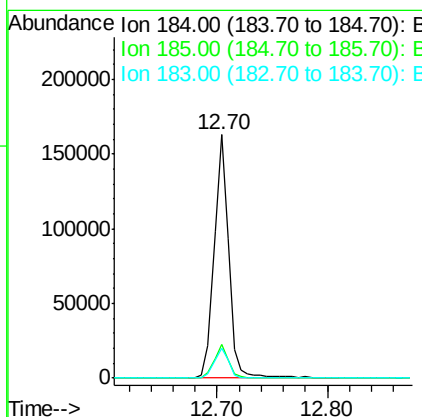
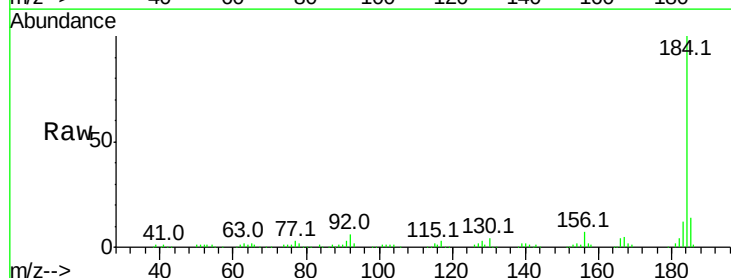
Instrument :
 BNA_F
 ClientSampleId :

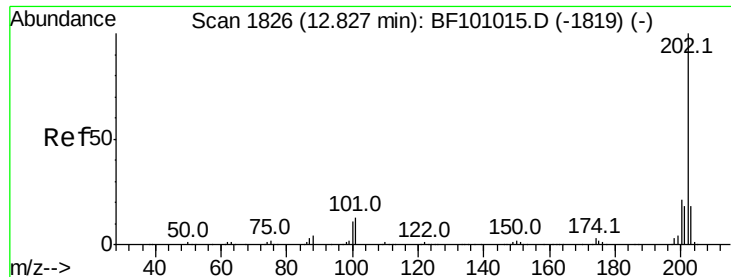
Tot Ion:240 Resp: 98370
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.5 14.3
 236 24.1 20.7 31.1



#76
 Benzidine
 Concen: 46.252 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion:184 Resp: 147951
 Ion Ratio Lower Upper
 184 100
 185 14.1 12.6 18.8
 183 12.0 9.3 13.9

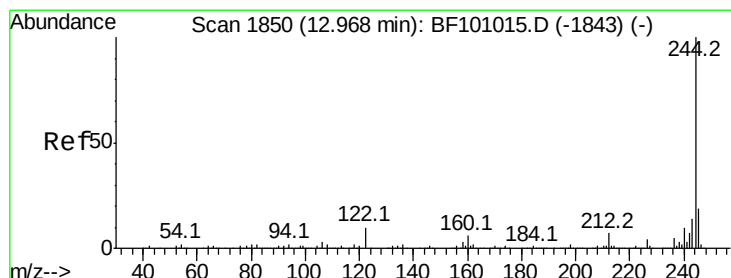
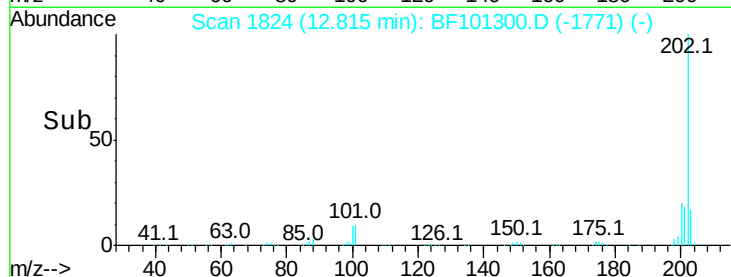
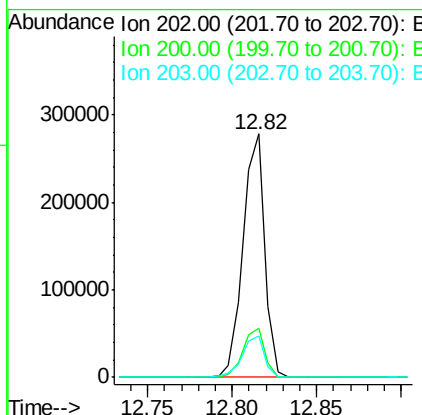
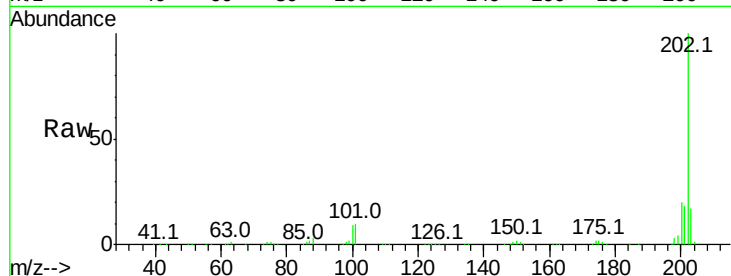




#77
 Pvrene
 Concen: 36.812 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

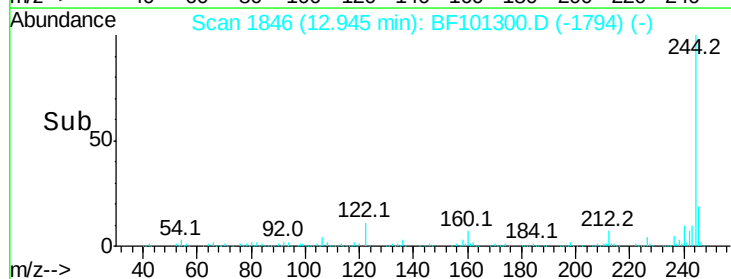
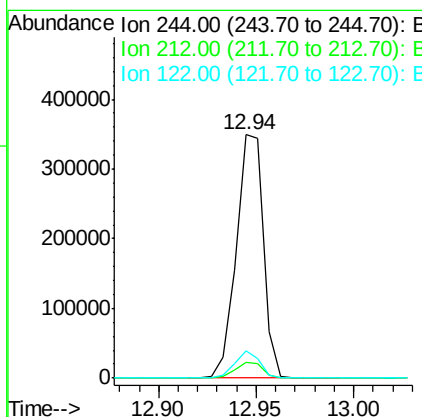
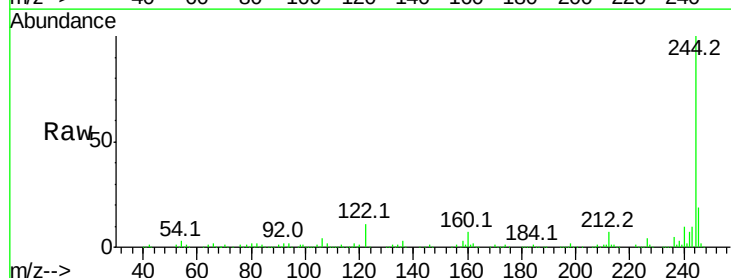
Instrument :
 BNA_F
 ClientSampleId :

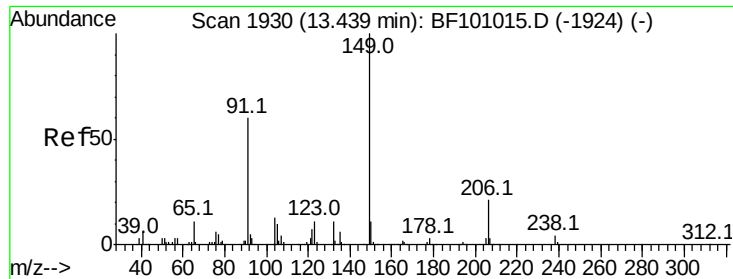
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.0	14.3	21.5



#78
 Terphenyl-d14
 Concen: 74.674 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.1	11.0	16.4

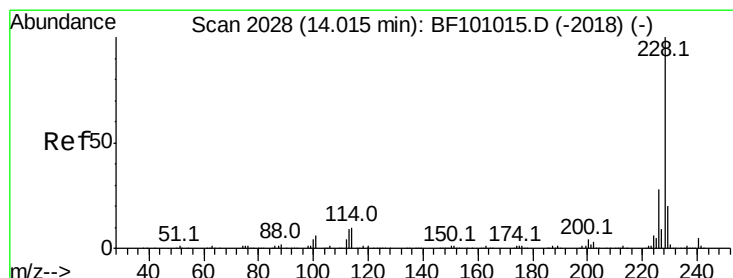
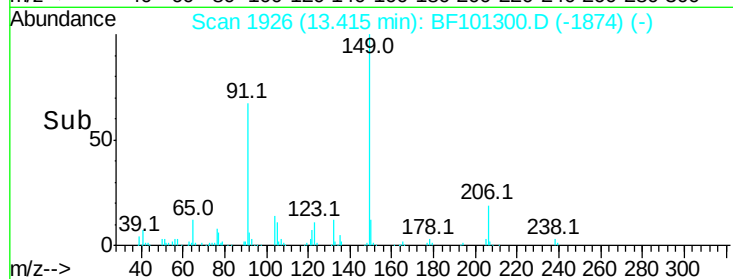
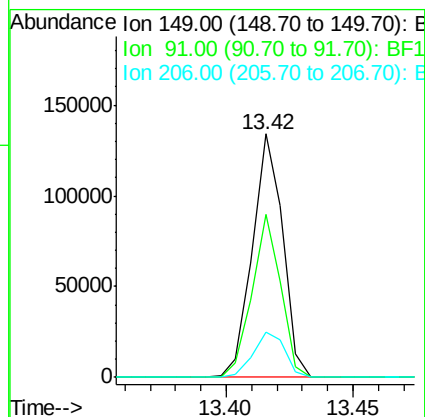
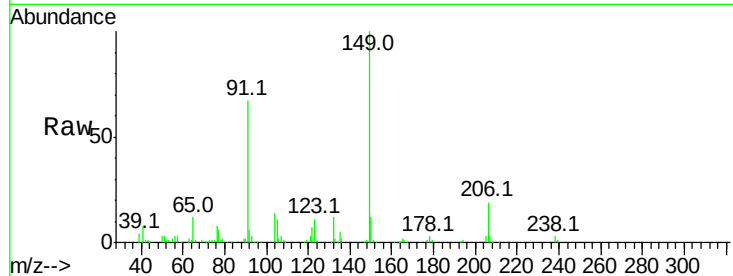




#79
Butylbenzylphthalate
Concen: 37.256 ng
RT: 13.42 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

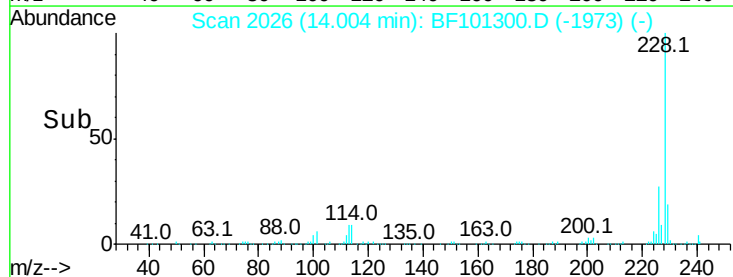
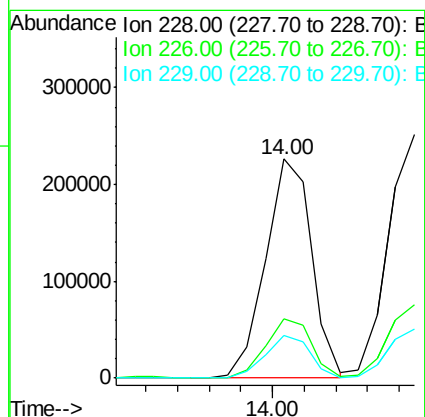
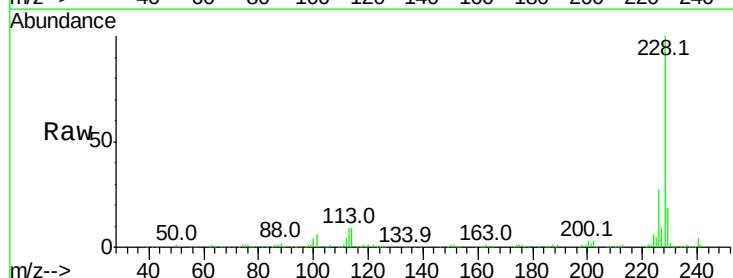
Instrument :
BNA_F
ClientSampleId :

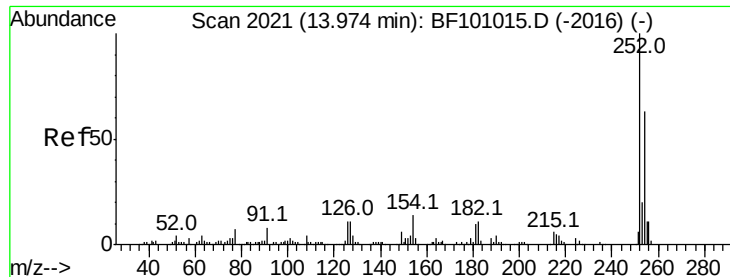
Tot Ion:149 Resp: 111495
Ion Ratio Lower Upper
149 100
91 66.9 56.8 85.2
206 18.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.926 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion:228 Resp: 229348
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.2 15.8 23.6

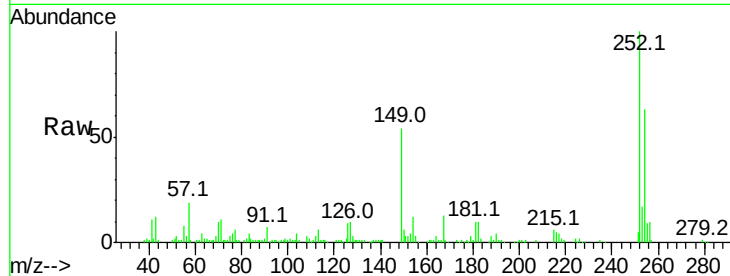




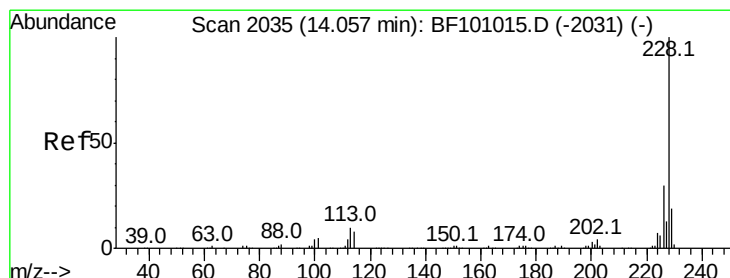
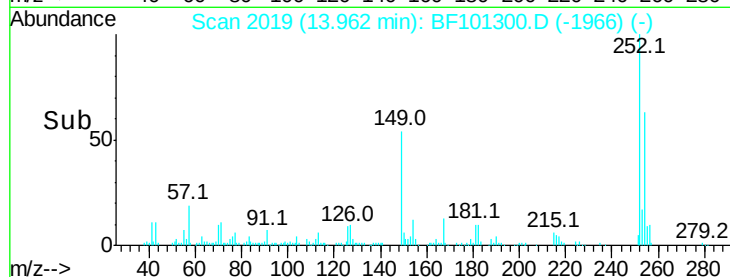
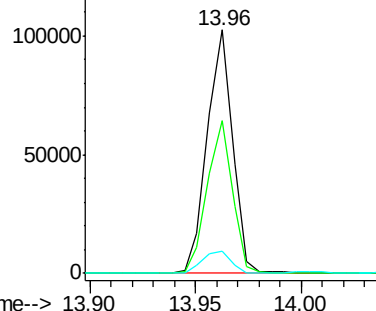
#81
 3,3'-Dichlorobenzidine
 Concen: 39.629 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	9.1	11.3	16.9

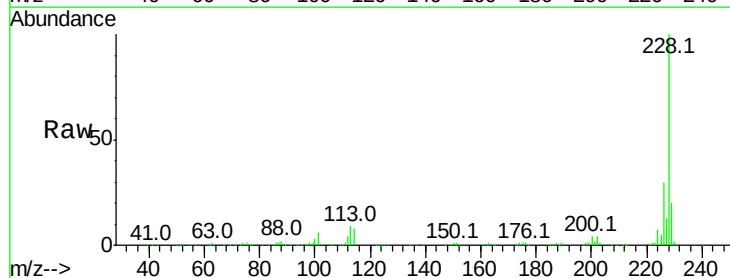


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

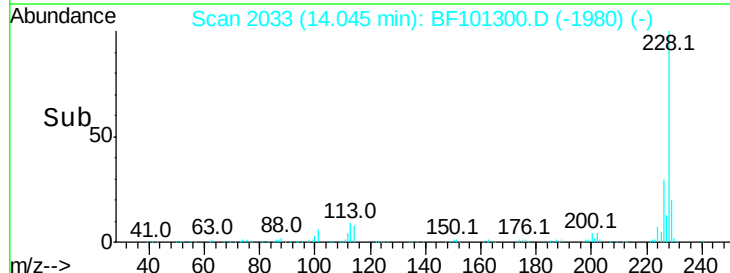
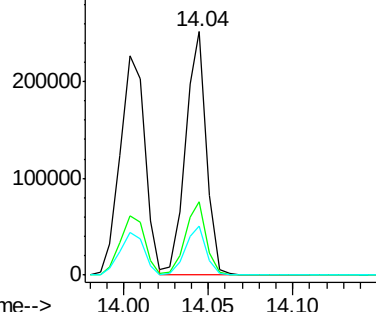


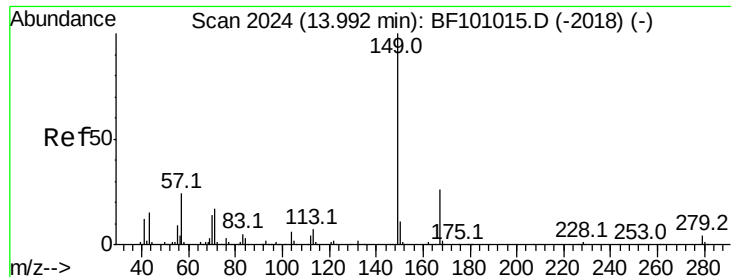
#82
 Chrysene
 Concen: 37.715 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.2	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

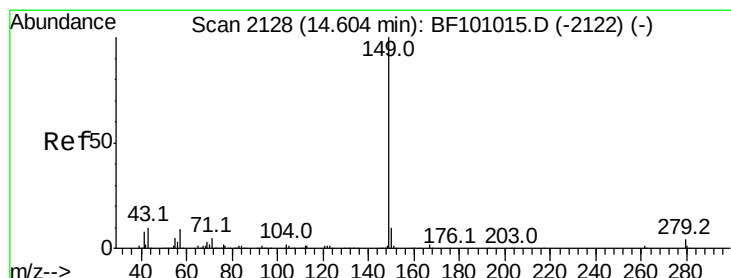
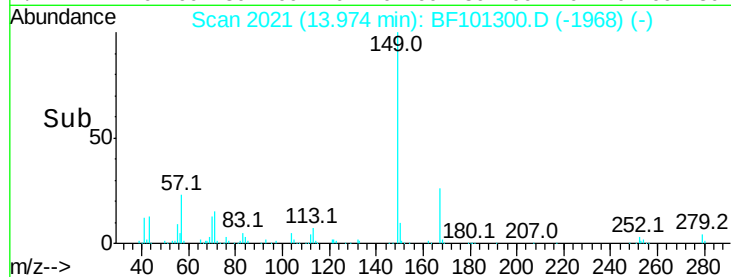
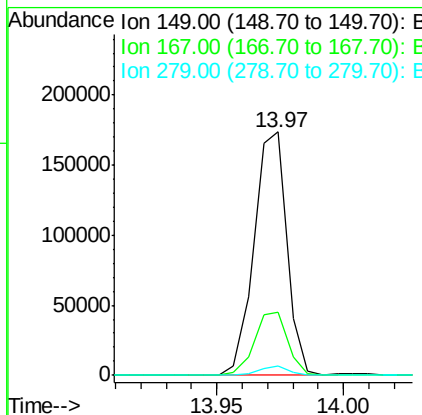
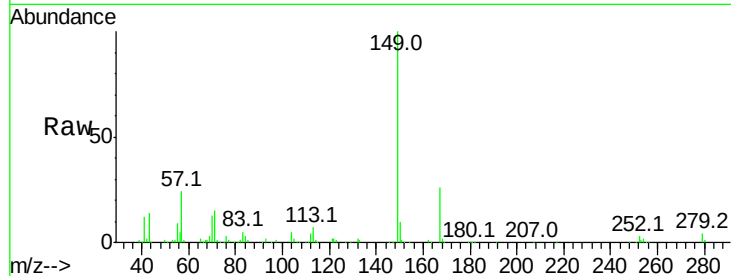




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.952 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

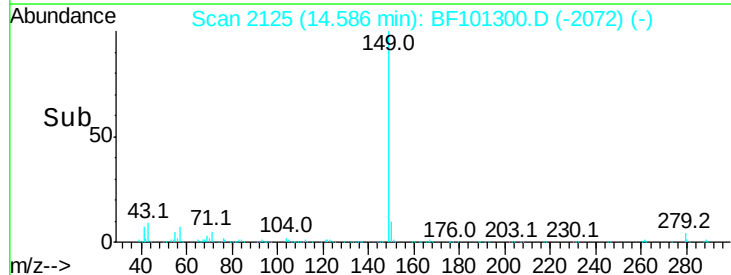
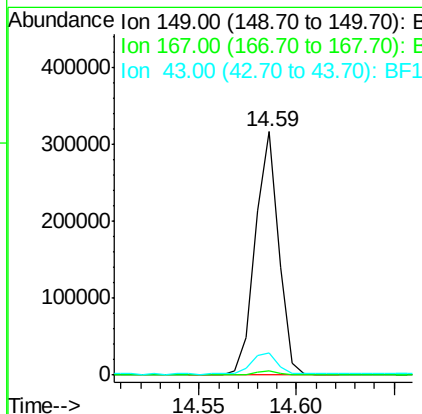
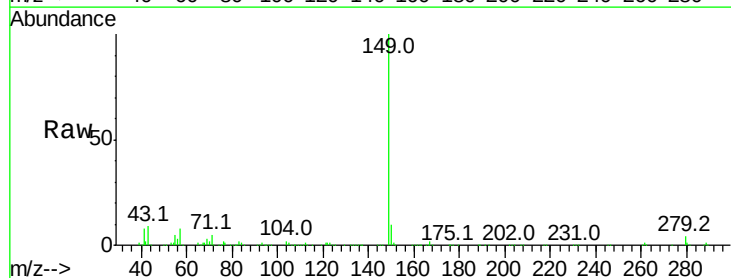
Instrument :
 BNA_F
 ClientSampleId :

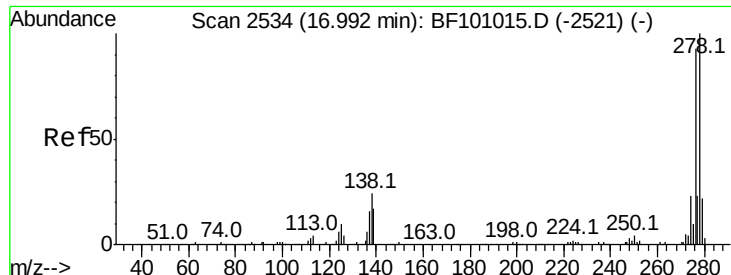
Tot Ion:149 Resp: 157677
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 4.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 37.008 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion:149 Resp: 262930
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.6 8.4 12.6

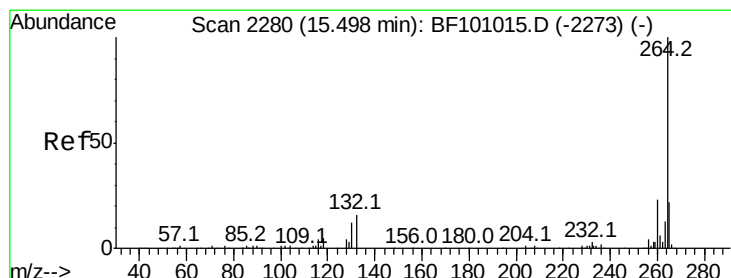
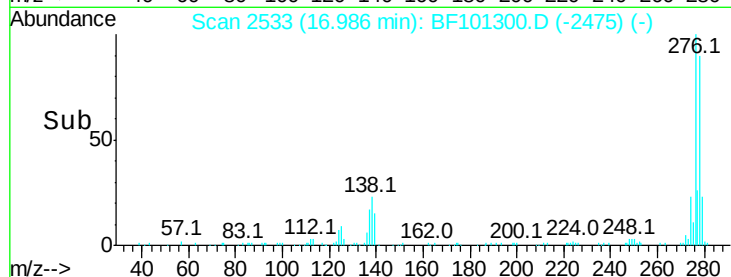
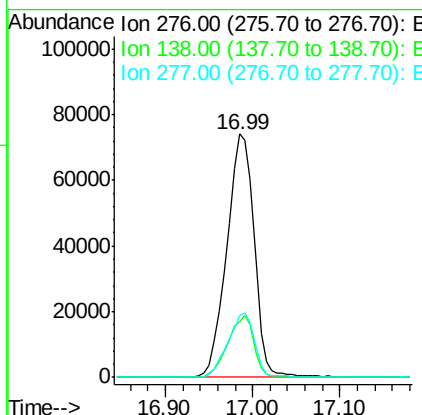
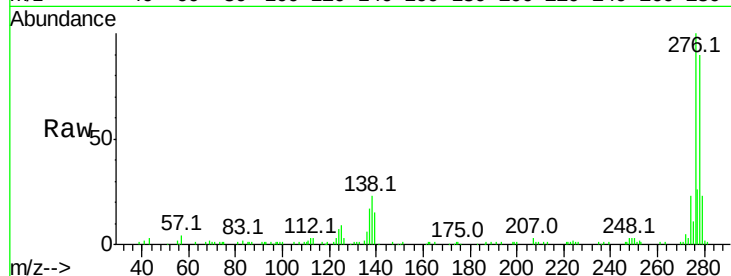




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.919 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.04 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

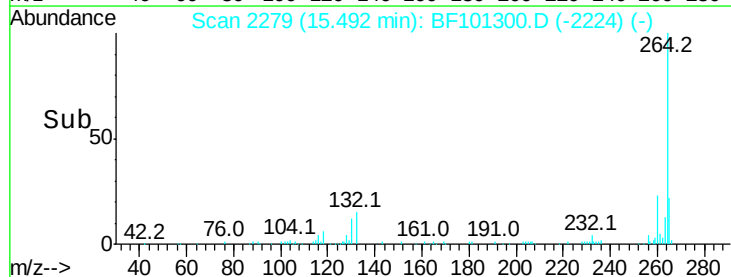
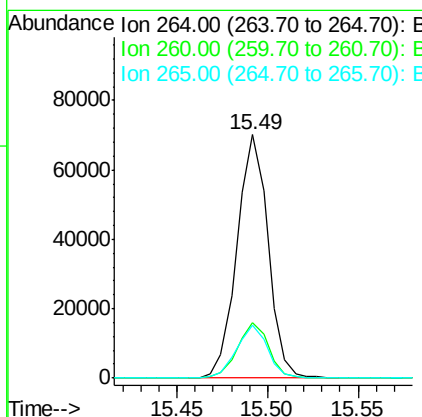
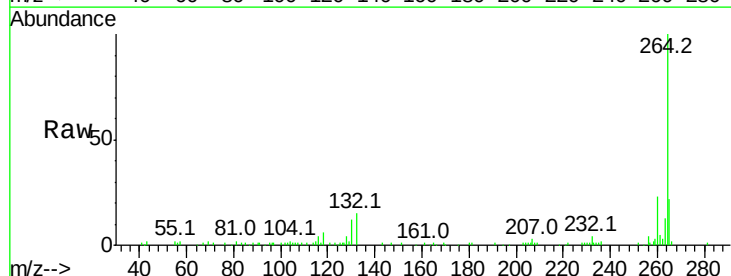
Instrument :
 BNA_F
 ClientSampleId :

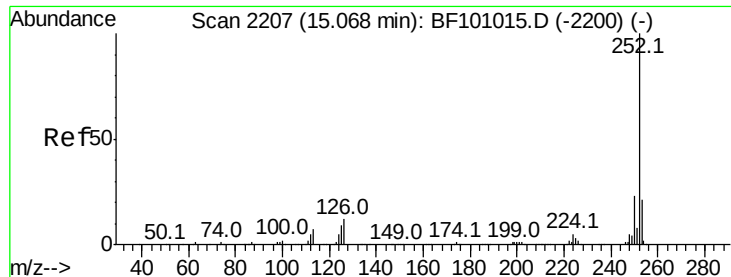
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	25.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF101300.D
 Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.6	17.5	26.3

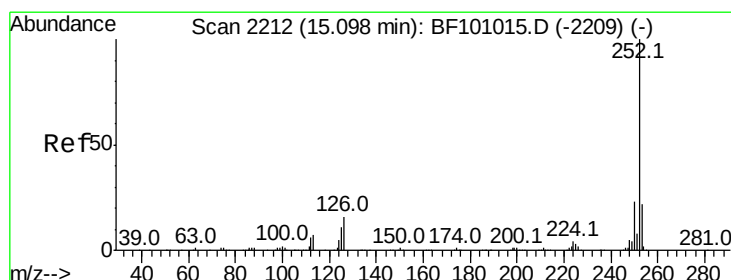
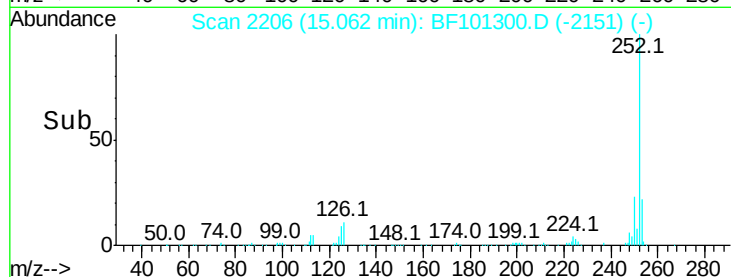
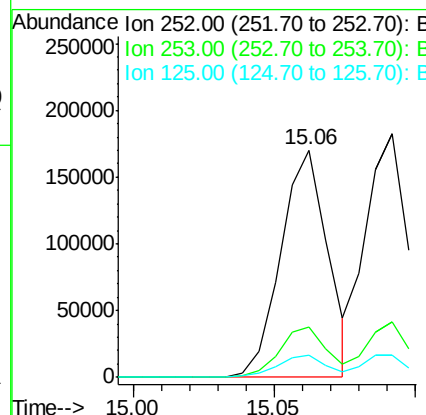
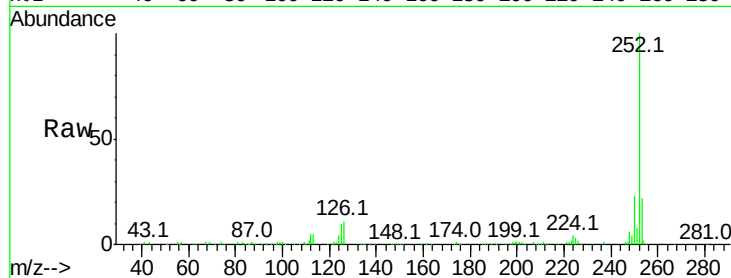




#87
Benzo(b)fluoranthene
Concen: 39.325 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

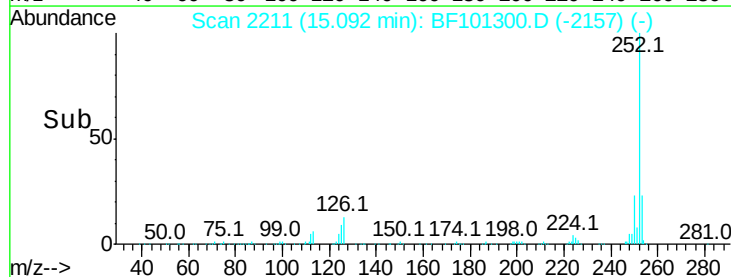
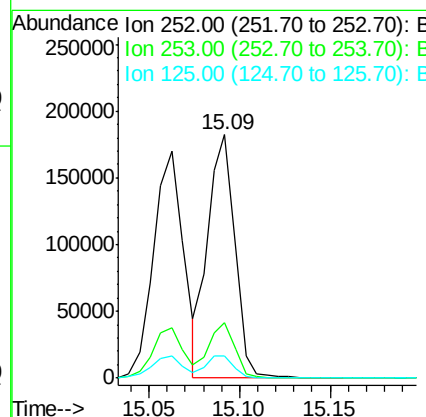
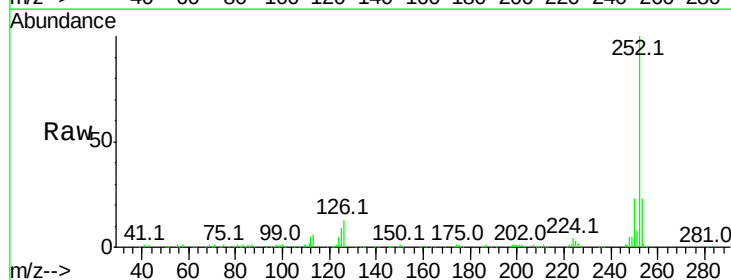
Instrument :
BNA_F
ClientSampled :

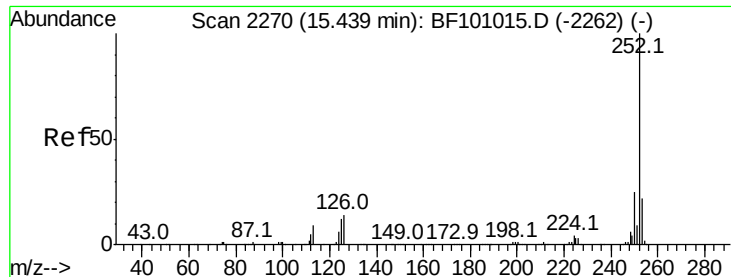
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	9.7	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 38.311 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.02 min
Lab File: BF101300.D
Acq: 11 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.2	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 38.288 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.02 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :

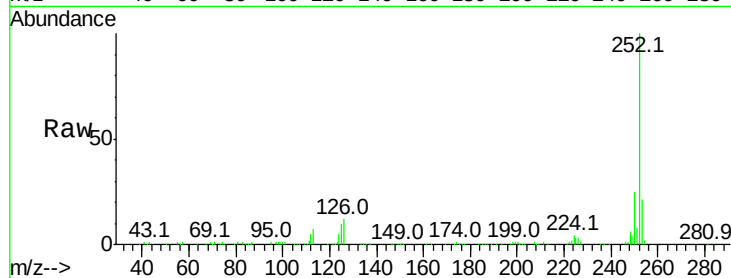
Tot Ion:252 Resp: 174097

Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

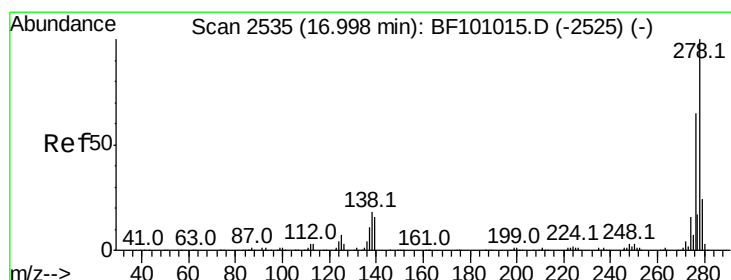
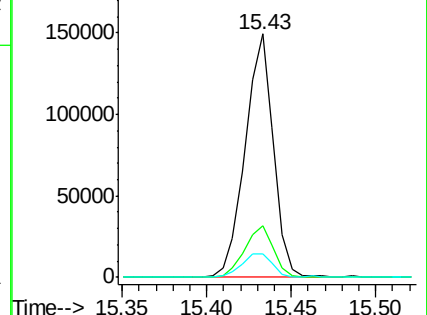
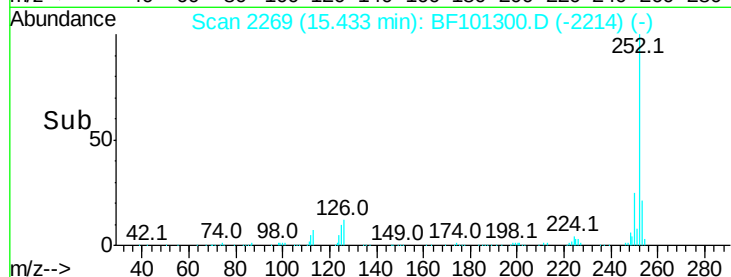
125 9.8 9.8 14.6



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: 33.820 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.04 min

Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

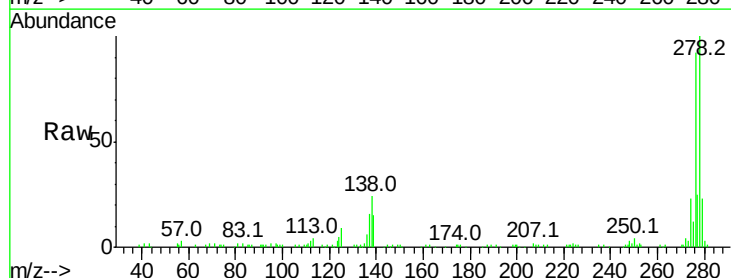
Tgt Ion:278 Resp: 135574

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

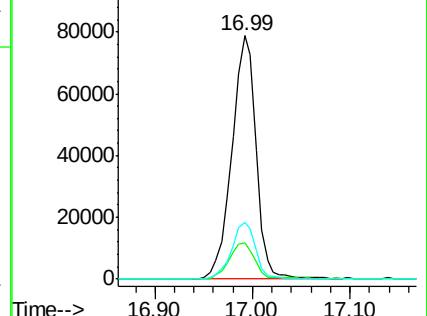
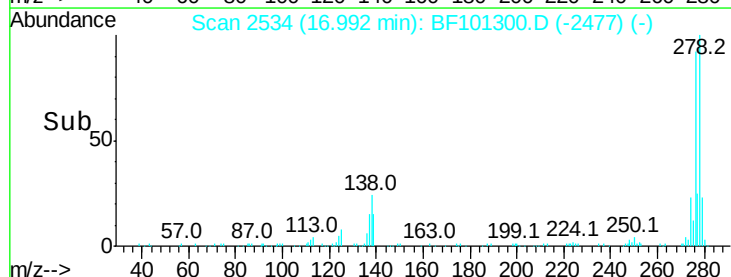
279 23.2 19.0 28.4

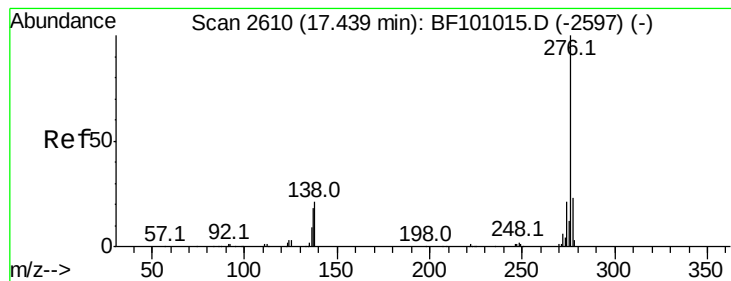


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.947 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.05 min

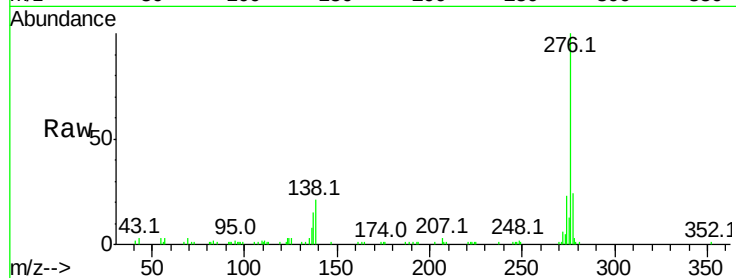
Lab File: BF101300.D

Acq: 11 Dec 2017 20:03

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	124470
Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	20.7	21.8	32.8#

