

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
 Data File : BF101795.D
 Acq On : 28 Dec 2017 11:51
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 12:48:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	138609	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	564910	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	265296	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	519548	20.00	ng	0.00
75) Chrysene-d12	13.97	240	419782	20.00	ng	0.00
86) Perylene-d12	15.43	264	445188	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	751158	80.72	ng	0.00
7) Phenol-d6	6.43	99	852839	73.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	780173	76.88	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	219899	86.02	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1309272	76.56	ng	0.00
78) Terphenyl-d14	12.90	244	1292927	74.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	170376	35.633	ng	95
3) Pyridine	3.23	79	460595	34.672	ng	95
4) n-Nitrosodimethylamine	3.20	42	215510	35.234	ng	98
6) Aniline	6.45	93	578097	35.921	ng	# 70
8) 2-Chlorophenol	6.57	128	380118	38.833	ng	98
9) Benzaldehyde	6.35	77	283861	33.190	ng	99
10) Phenol	6.45	94	475256	36.006	ng	# 67
11) bis(2-Chloroethyl)ether	6.52	93	388543	37.528	ng	96
12) 1,3-Dichlorobenzene	6.72	146	433411	39.231	ng	98
13) 1,4-Dichlorobenzene	6.80	146	445359	39.477	ng	98
14) 1,2-Dichlorobenzene	6.95	146	393577	38.758	ng	99
15) Benzyl Alcohol	6.94	79	298847	37.492	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	589968	37.232	ng	# 43
17) 2-Methylphenol	7.05	107	331921	36.864	ng	# 90
18) Hexachloroethane	7.28	117	152444	38.866	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	282266	37.114	ng	92
20) 3+4-Methylphenols	7.21	107	415553	43.553	ng	# 72
22) Acetophenone	7.20	105	509449	39.523	ng	# 92
24) Nitrobenzene	7.37	77	418053	37.221	ng	98
25) Isophorone	7.61	82	744601	36.575	ng	98
26) 2-Nitrophenol	7.69	139	215729	44.708	ng	99
27) 2,4-Dimethylphenol	7.73	122	317091	38.681	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	485314	37.529	ng	99
29) 2,4-Dichlorophenol	7.94	162	335805	41.464	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	328910	38.484	ng	97
31) Naphthalene	8.09	128	1082449	38.061	ng	100
32) Benzoic acid	7.90	122	253254	46.207	ng	97
33) 4-Chloroaniline	8.15	127	479534	38.795	ng	99
34) Hexachlorobutadiene	8.19	225	199289	40.316	ng	97
35) Caprolactam	8.53	113	77671	27.620	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	350533	39.379	ng	97
37) 2-Methylnaphthalene	8.78	142	704046	37.997	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	350587	39.141	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	35033	33.289	ng	97

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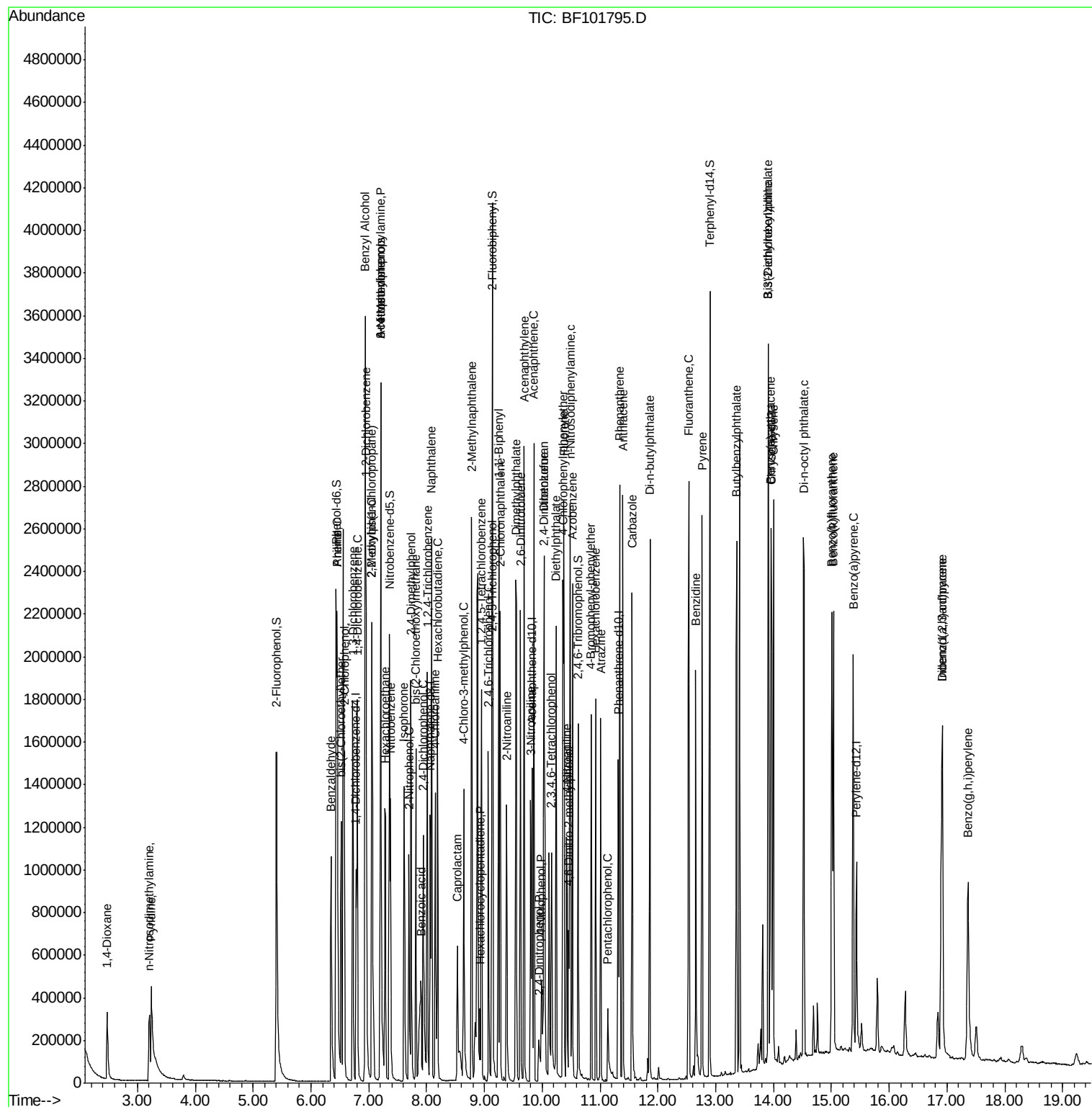
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	217916	40.412	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	217476	36.833	ng	96
45) 1,1'-Biphenyl	9.25	154	874081	37.151	ng	98
46) 2-Chloronaphthalene	9.27	162	669494	37.189	ng	97
47) 2-Nitroaniline	9.39	65	243654	39.179	ng	99
48) Acenaphthylene	9.69	152	1040021	36.576	ng	100
49) Dimethylphthalate	9.55	163	774698	36.304	ng	99
50) 2,6-Dinitrotoluene	9.63	165	170503	39.313	ng	93
51) Acenaphthene	9.86	154	639827	37.453	ng	99
52) 3-Nitroaniline	9.80	138	220951	40.862	ng	97
53) 2,4-Dinitrophenol	9.94	184	58541	44.075	ng	# 18
54) Dibenzofuran	10.03	168	896817	41.309	ng	97
55) 4-Nitrophenol	9.99	139	96381	40.877	ng	96
56) 2,4-Dinitrotoluene	10.04	165	236520	48.403	ng	96
57) Fluorene	10.37	166	734205	39.977	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	174980	41.249	ng	88
59) Diethylphthalate	10.24	149	815391	38.585	ng	98
60) 4-Chlorophenyl-phenylether	10.36	204	362633	41.200	ng	95
61) 4-Nitroaniline	10.42	138	217549	40.026	ng	97
62) Azobenzene	10.52	77	785374	35.877	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	126004	47.525	ng	83
65) n-Nitrosodiphenylamine	10.49	169	707718	36.891	ng	95
66) 4-Bromophenyl-phenylether	10.85	248	228182	39.087	ng	# 86
67) Hexachlorobenzene	10.93	284	236715	38.312	ng	# 91
68) Atrazine	11.02	200	219151	38.312	ng	96
69) Pentachlorophenol	11.13	266	76140	35.649	ng	95
70) Phenanthrene	11.34	178	1068035	36.965	ng	99
71) Anthracene	11.39	178	1105326	37.452	ng	100
72) Carbazole	11.56	167	1048906	37.960	ng	99
73) Di-n-butylphthalate	11.86	149	1311856	39.116	ng	99
74) Fluoranthene	12.53	202	1158513	38.201	ng	98
76) Benzidine	12.66	184	788787	44.490	ng	99
77) Pyrene	12.77	202	1181085	37.489	ng	100
79) Butylbenzylphthalate	13.36	149	563555	39.534	ng	97
80) Benzo(a)anthracene	13.96	228	1022576	36.891	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	331179	36.642	ng	96
82) Chrysene	14.00	228	983375	37.574	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	674186	37.339	ng	99
84) Di-n-octyl phthalate	14.52	149	1252920	38.910	ng	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	883426	37.906	ng	96
87) Benzo(b)fluoranthene	15.01	252	914273	33.693	ng	99
88) Benzo(k)fluoranthene	15.04	252	928617	35.198	ng	98
89) Benzo(a)pyrene	15.38	252	858728	34.329	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	742718	34.581	ng	97
91) Benzo(g,h,i)perylene	17.36	276	760033	35.738	ng	96

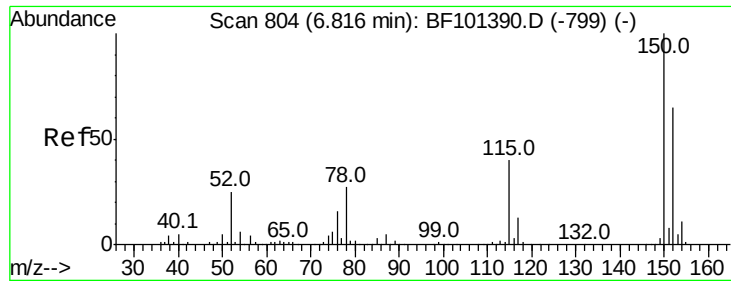
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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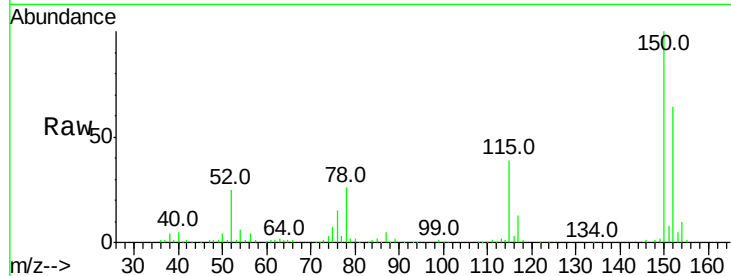


#1

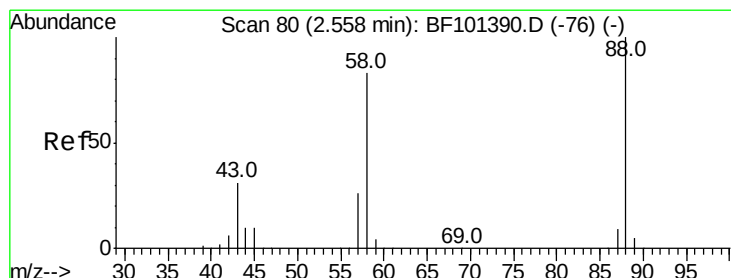
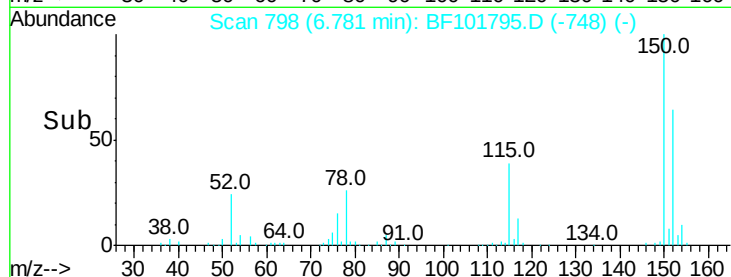
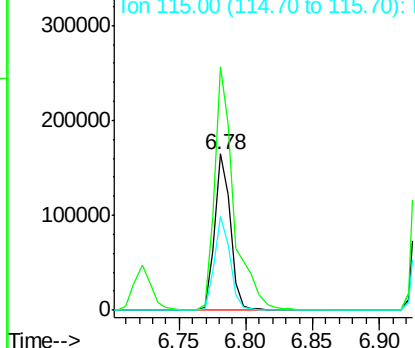
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138609
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.3 50.1 75.1



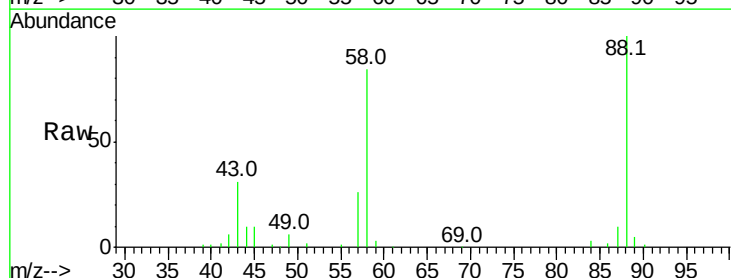
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



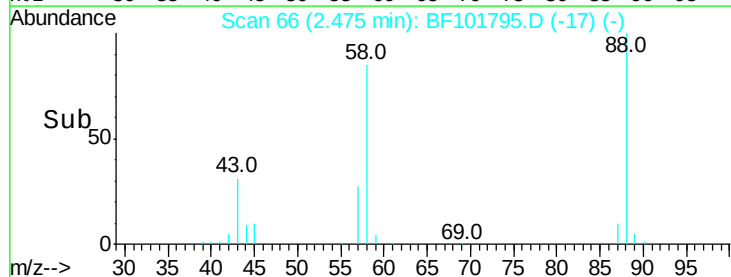
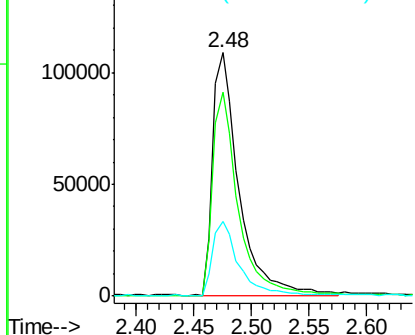
#2

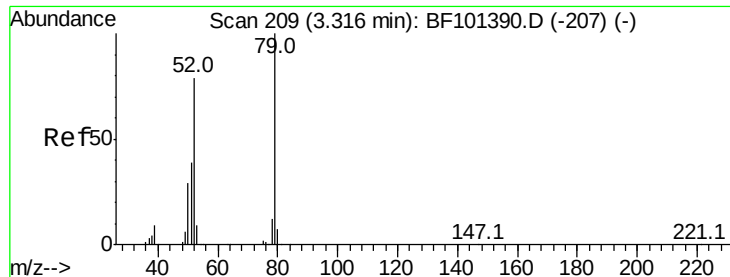
1,4-Dioxane
Concen: 35.633 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion: 88 Resp: 170376
Ion Ratio Lower Upper
88 100
58 83.8 62.6 93.8
43 31.1 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: 34.672 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.02 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampled :

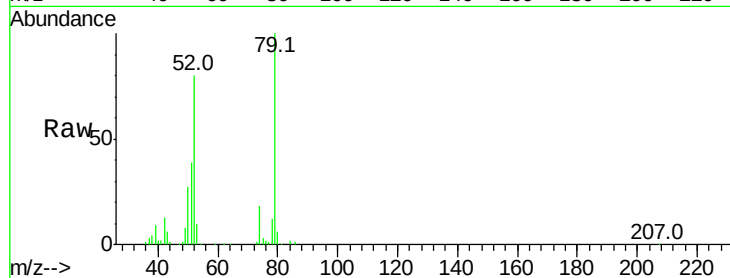
Tot Ion: 79 Resp: 460595

Ion Ratio Lower Upper

79 100

52 80.2 59.8 89.6

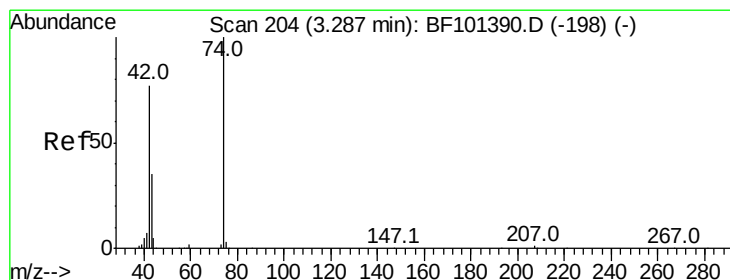
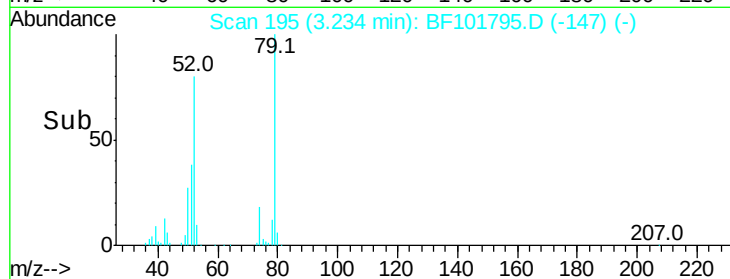
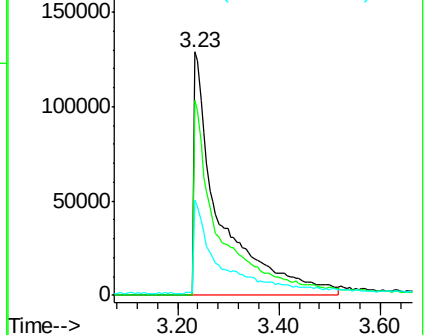
51 39.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.234 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

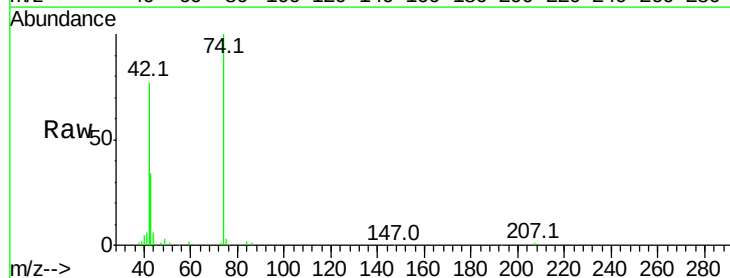
Tgt Ion: 42 Resp: 215510

Ion Ratio Lower Upper

42 100

74 129.3 104.9 157.3

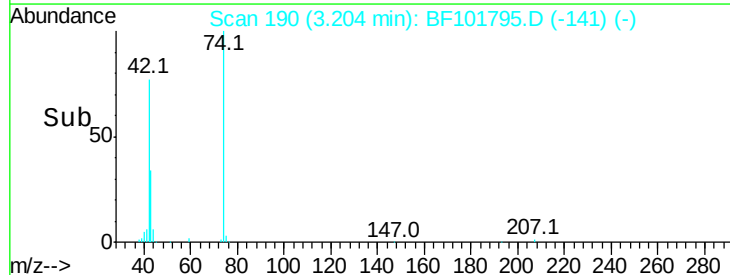
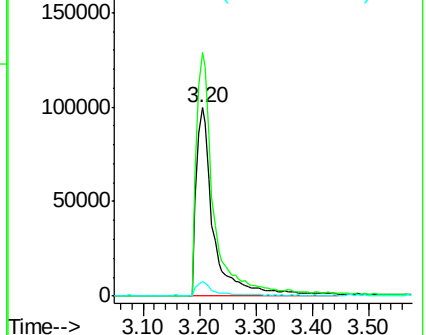
44 7.9 6.9 10.3

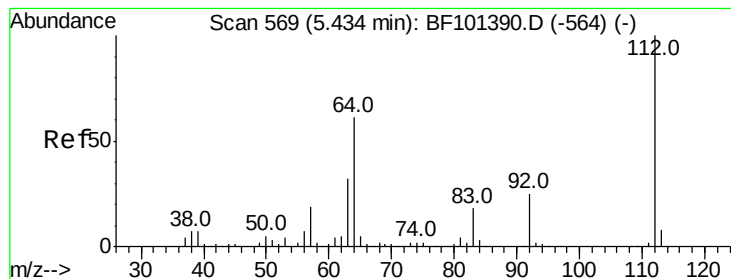


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.724 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :
BNA_F
ClientSampleId :

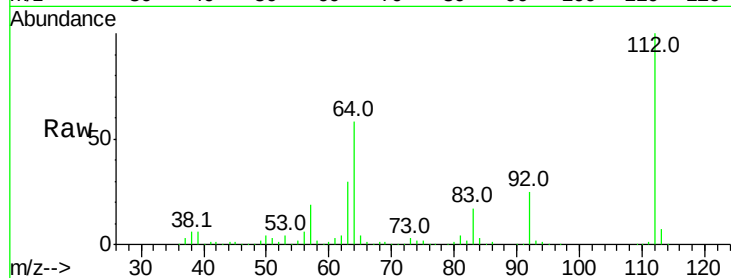
Tot Ion:112 Resp: 751158

Ion Ratio Lower Upper

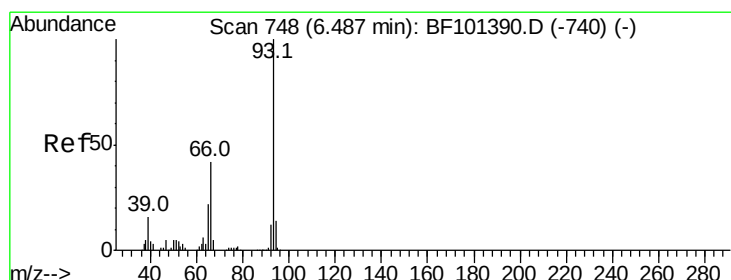
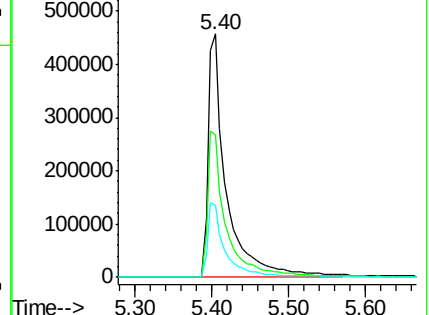
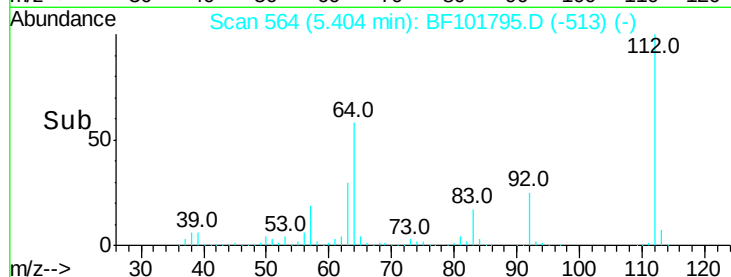
112 100

64 58.4 47.9 71.9

63 29.6 23.7 35.5



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



#6

Aniline

Concen: 35.921 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

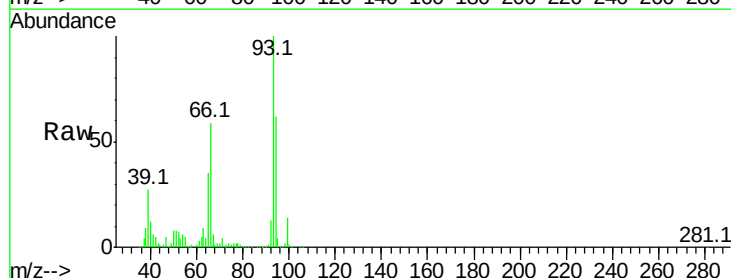
Tgt Ion: 93 Resp: 578097

Ion Ratio Lower Upper

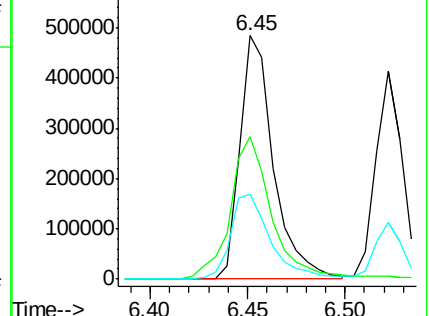
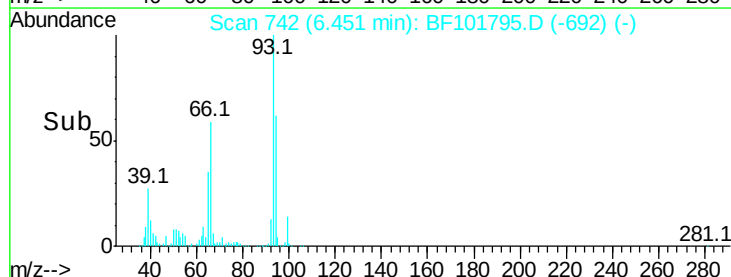
93 100

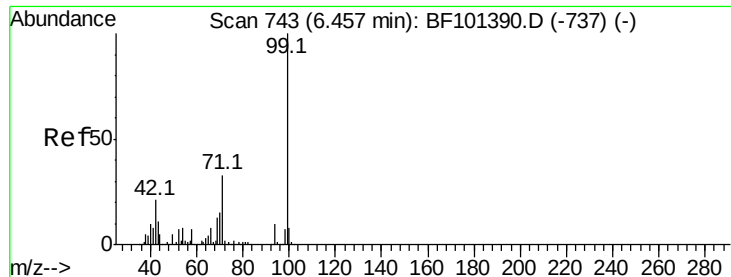
66 58.6 32.2 48.2#

65 35.0 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.643 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

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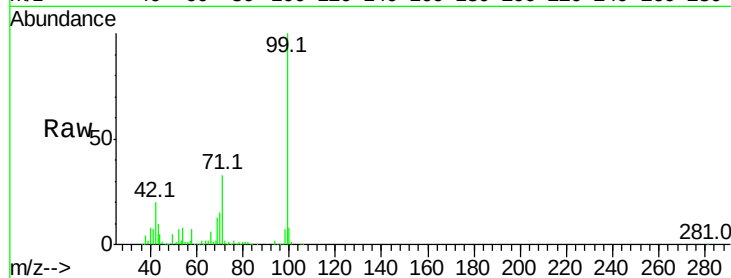
Tot Ion: 99 Resp: 852839

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

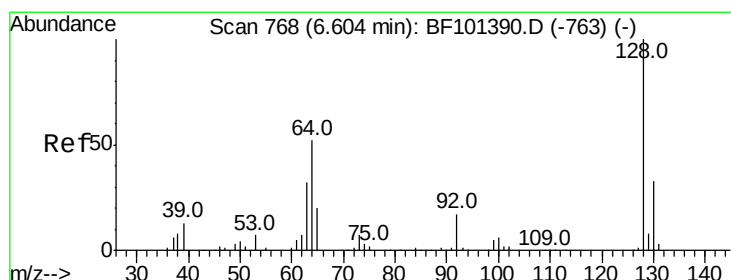
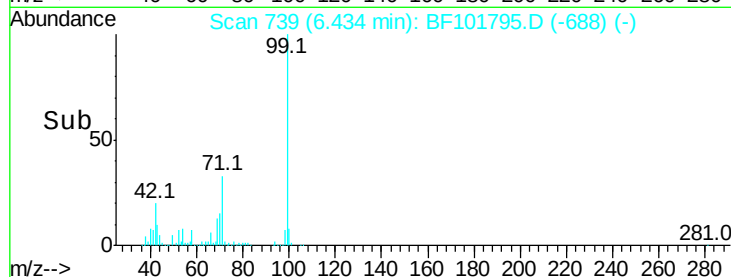
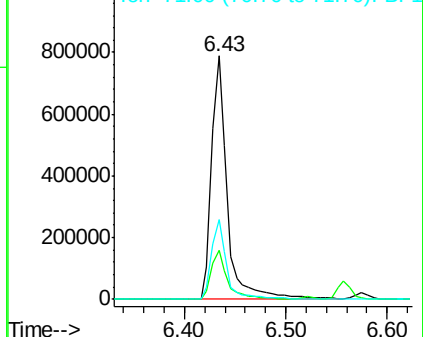
71 32.8 25.4 38.0



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: 38.833 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

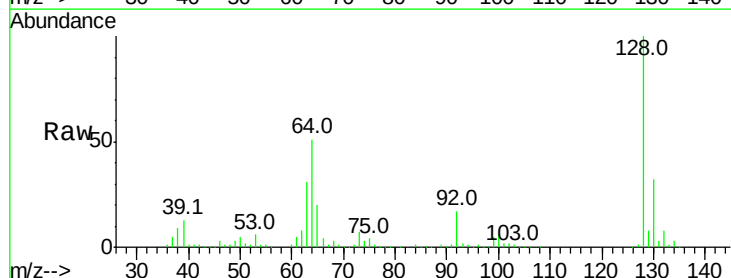
Tgt Ion:128 Resp: 380118

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

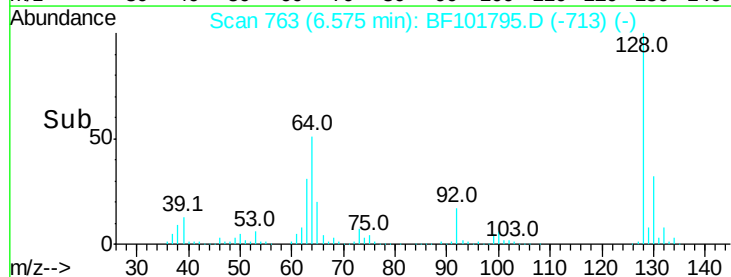
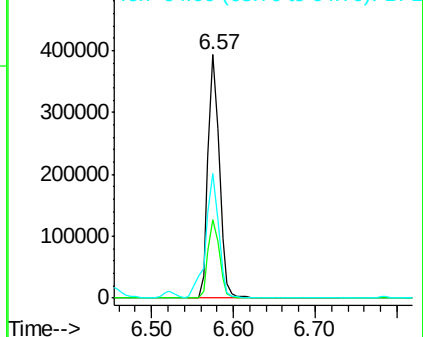
64 51.2 29.4 69.4

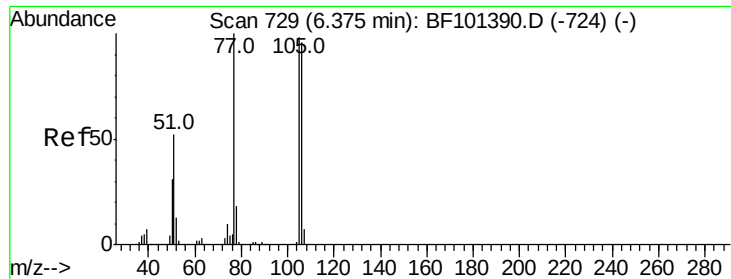


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.190 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

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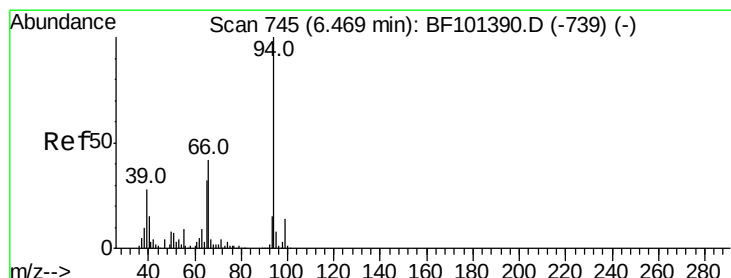
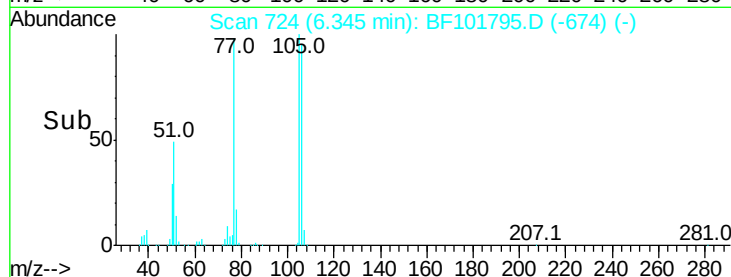
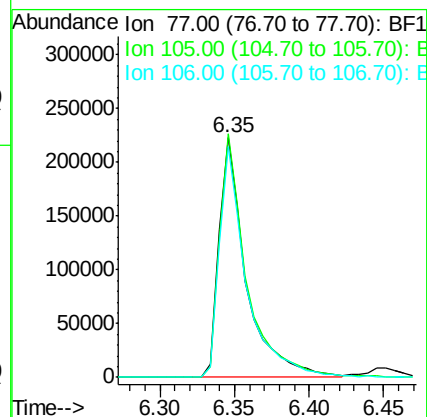
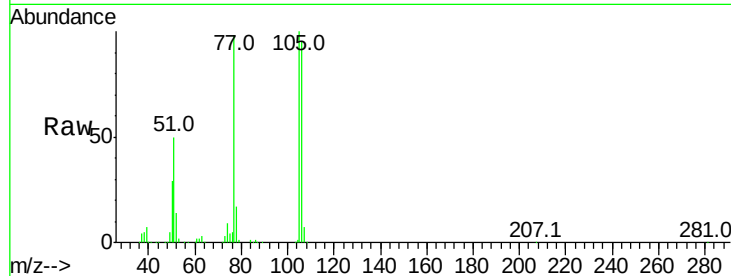
Tot Ion: 77 Resp: 283861

Ion Ratio Lower Upper

77 100

105 101.7 81.1 121.1

106 96.7 74.5 114.5



#10

Phenol

Concen: 36.006 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

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Acq: 28 Dec 2017 11:51

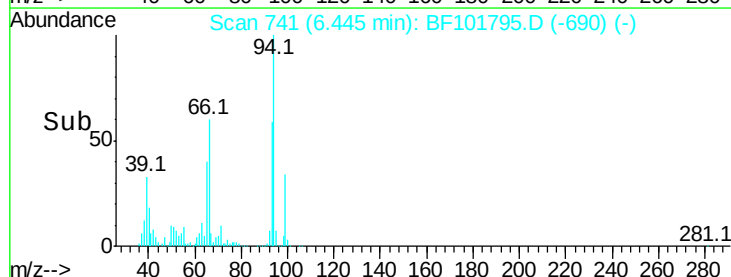
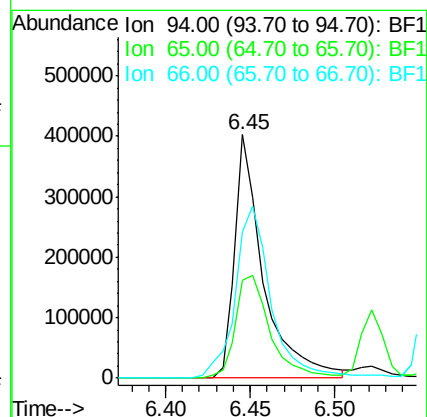
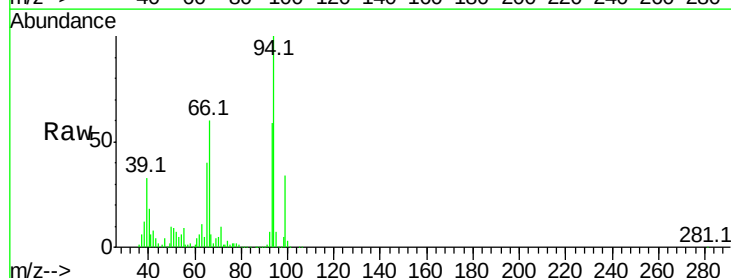
Tgt Ion: 94 Resp: 475256

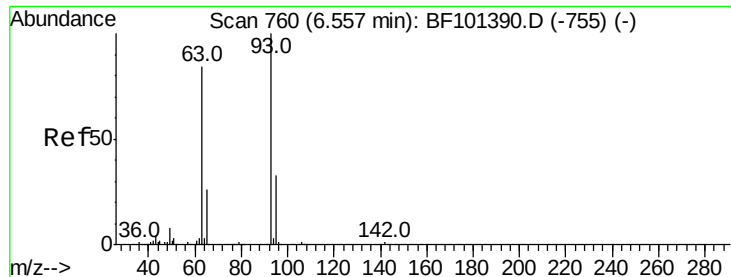
Ion Ratio Lower Upper

94 100

65 40.2 7.9 47.9

66 59.9 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 37.528 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampled :

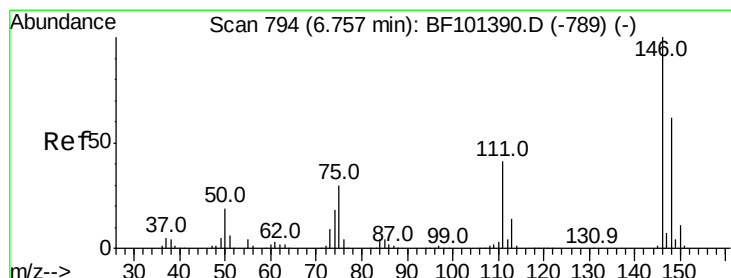
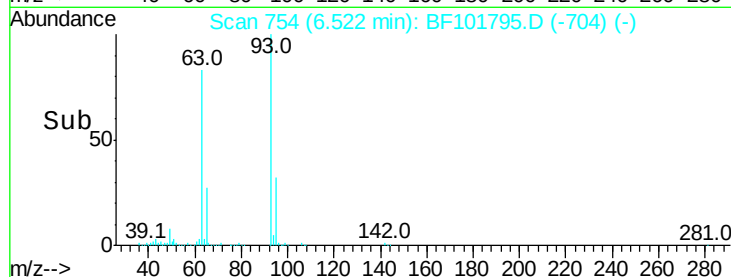
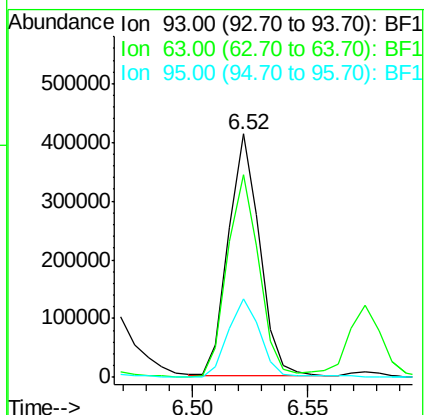
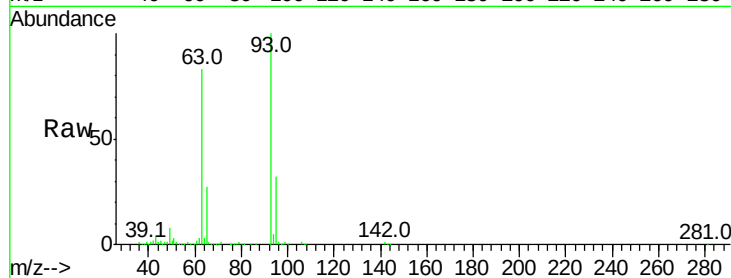
Tot Ion: 93 Resp: 388543

Ion Ratio Lower Upper

93 100

63 83.4 58.6 98.6

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.231 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

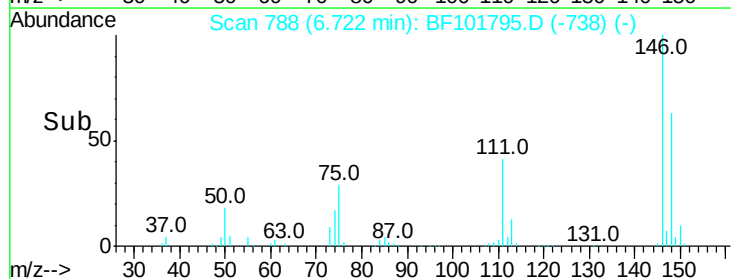
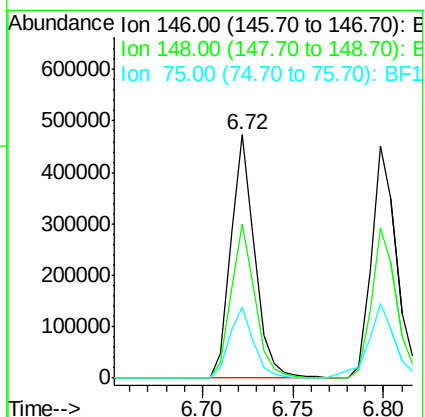
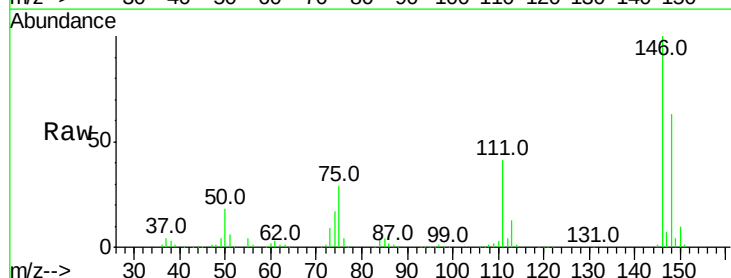
Tgt Ion: 146 Resp: 433411

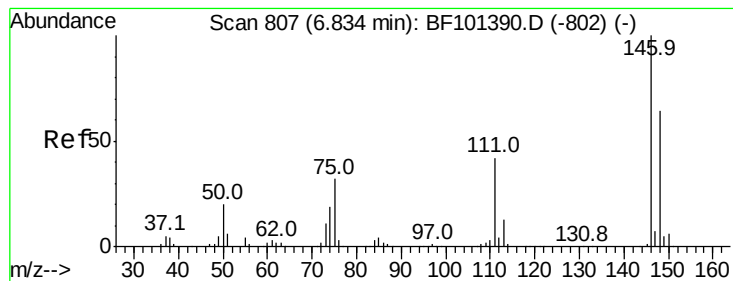
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

75 29.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.477 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampled :

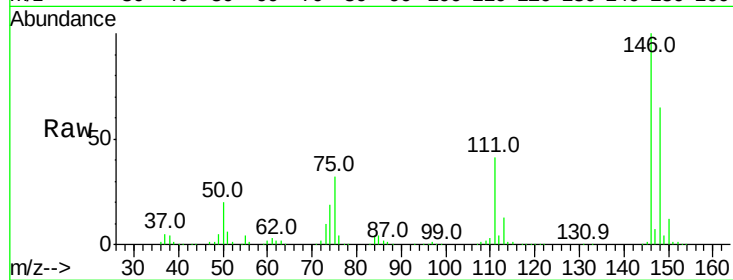
Tot Ion:146 Resp: 445359

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

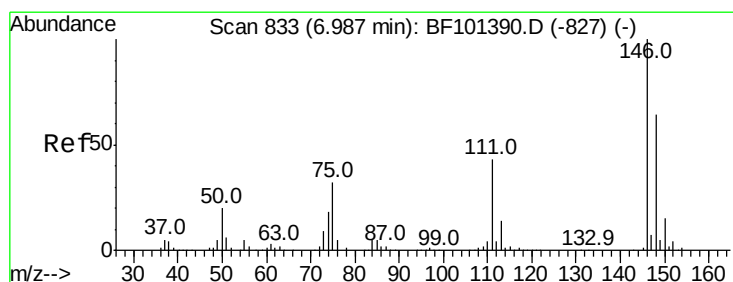
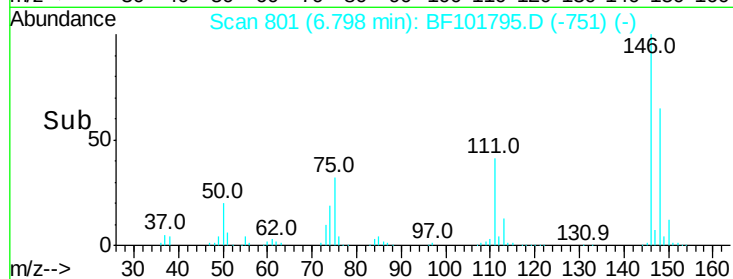
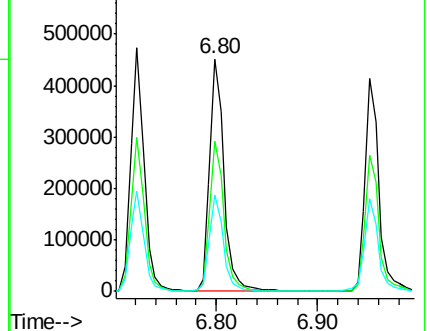
111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.758 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

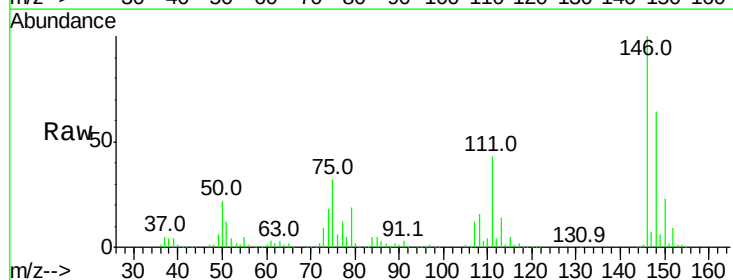
Tgt Ion:146 Resp: 393577

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

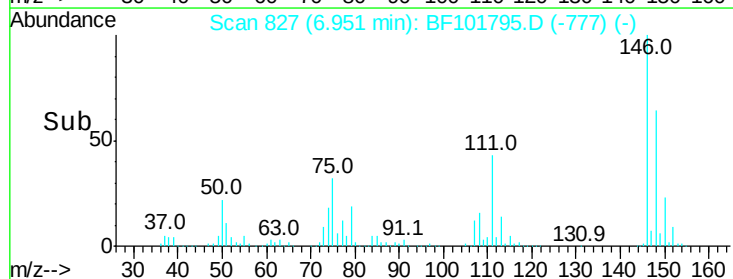
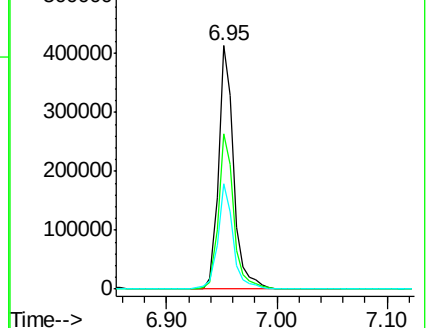
111 43.4 36.0 54.0

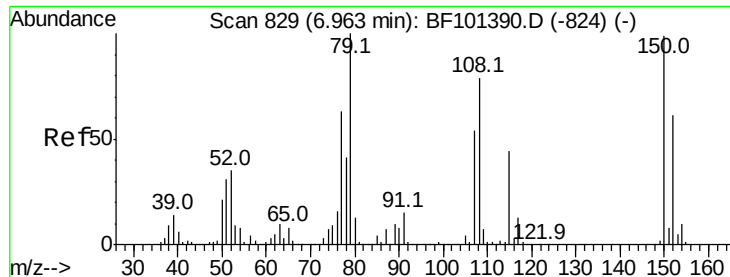


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

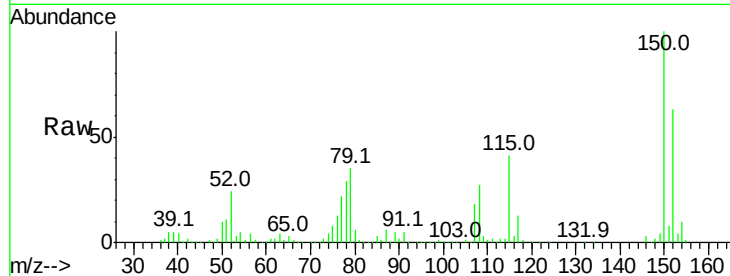




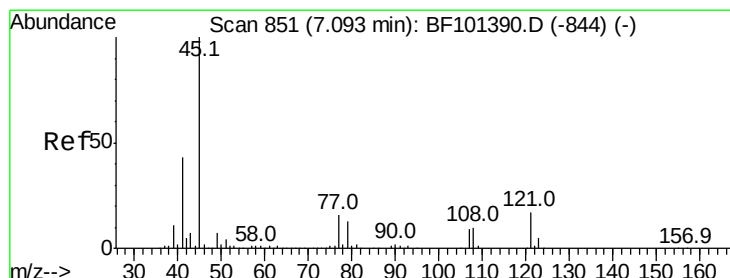
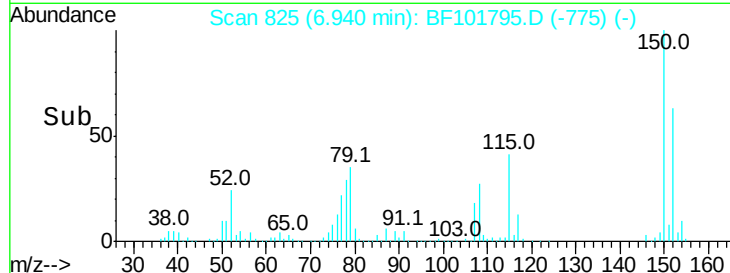
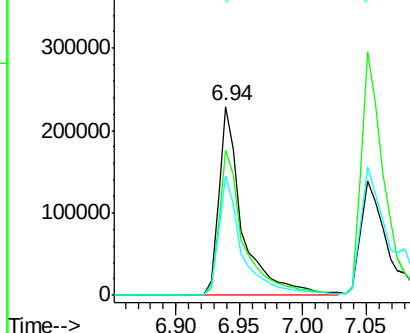
#15
Benzyl Alcohol
Concen: 37.492 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	65.1	97.7
77	63.5	50.6	75.8

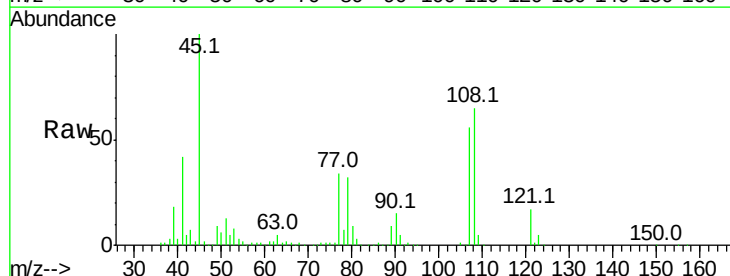


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

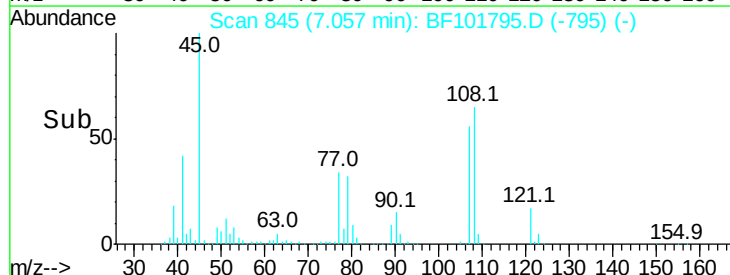
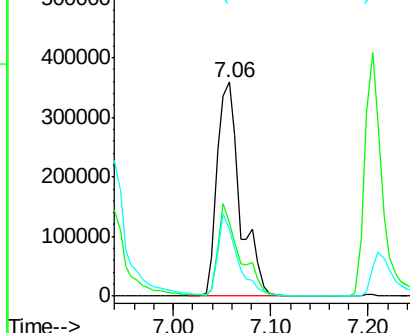


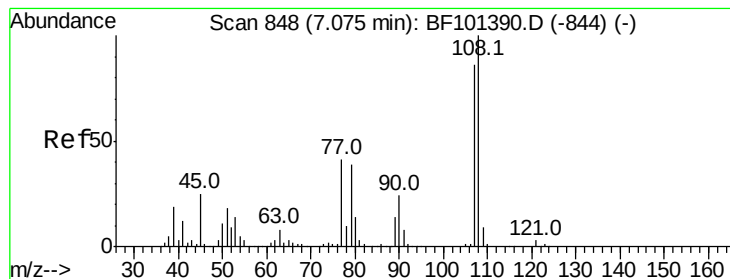
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.232 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.4	0.0	32.9#
79	31.6	0.0	29.6#



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





#17

2-Methylphenol

Concen: 36.864 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 331921

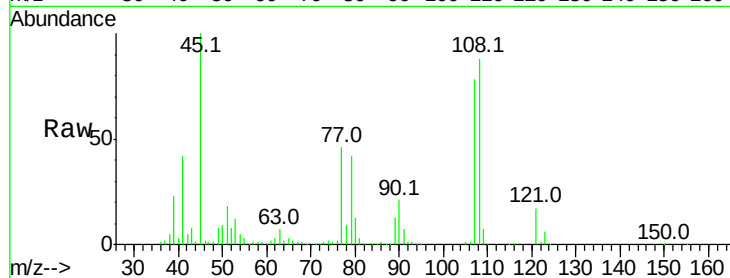
Ion Ratio Lower Upper

107 100

108 113.0 91.7 137.5

77 59.5 33.8 50.8#

79 53.2 33.8 50.8#

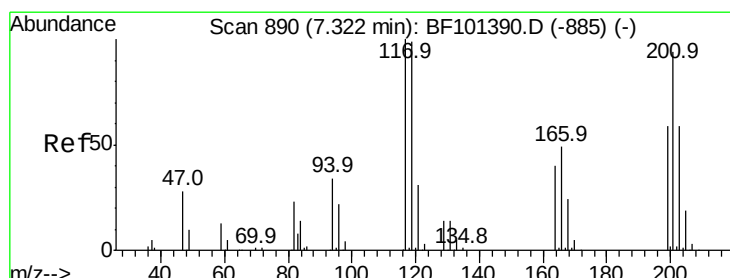
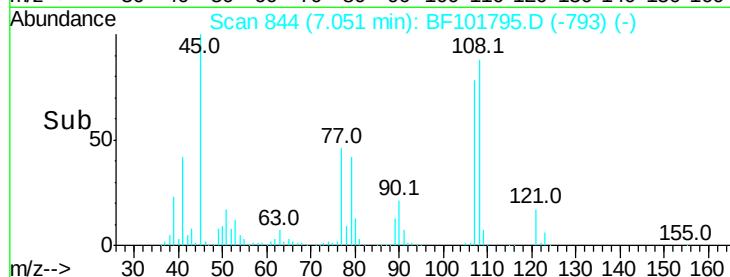
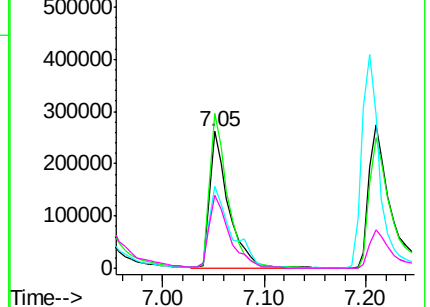


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.866 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

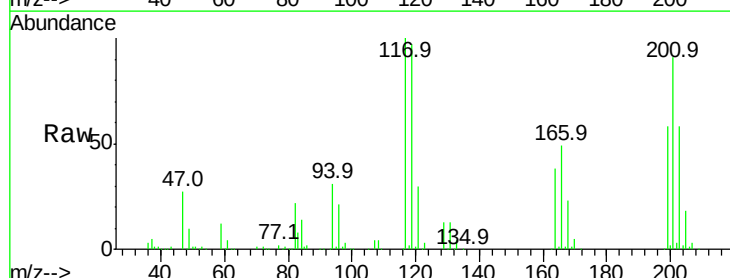
Tgt Ion:117 Resp: 152444

Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

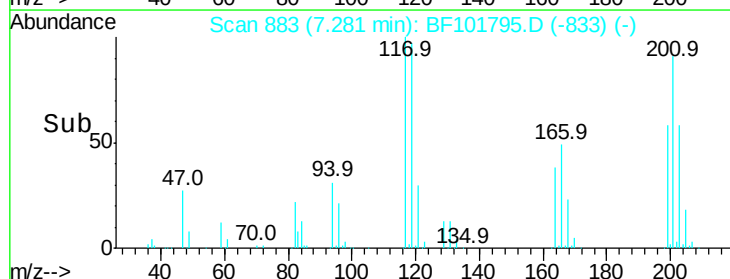
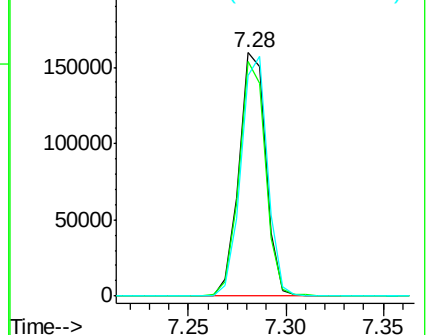
201 90.5 75.7 113.5

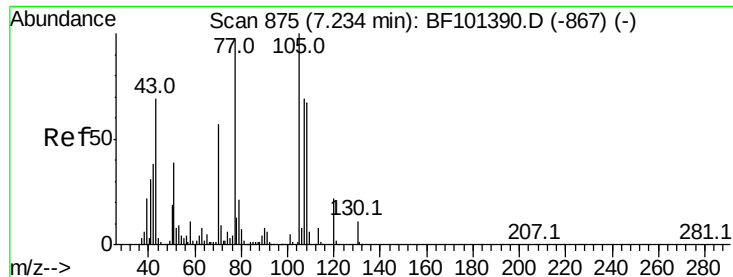


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

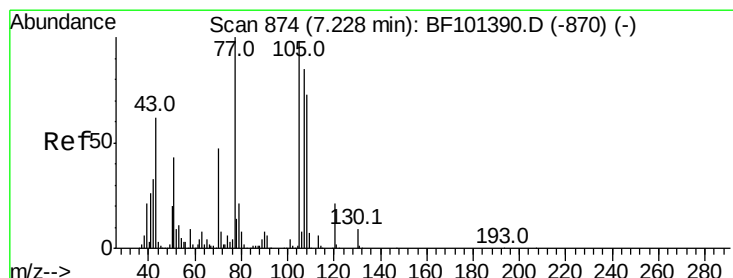
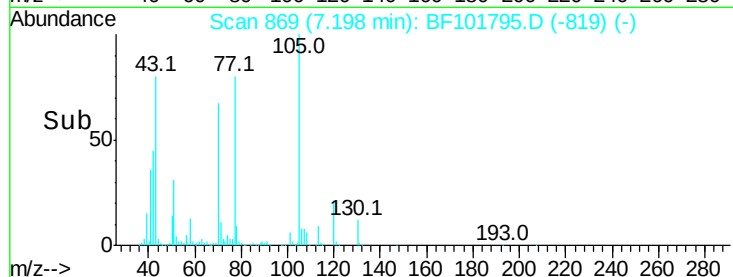
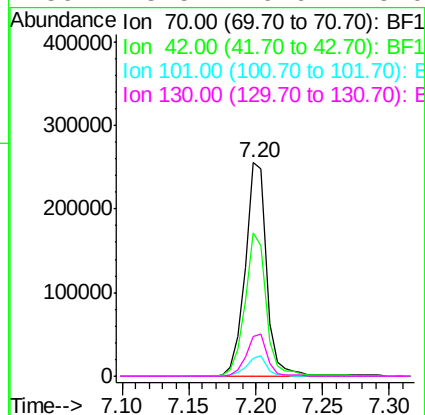
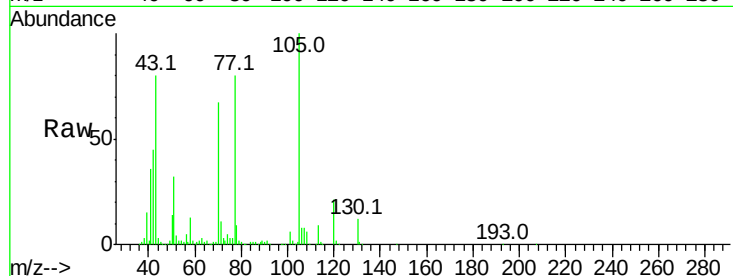




#19
n-Nitroso-di-n-propylamine
Concen: 37.114 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

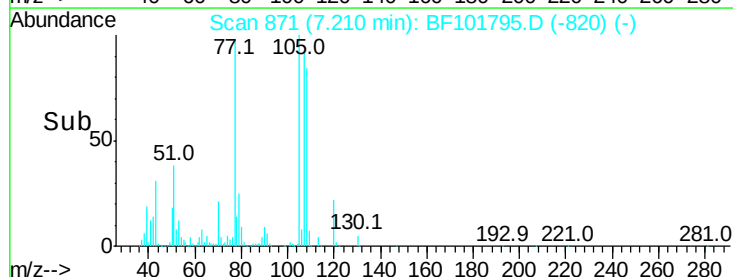
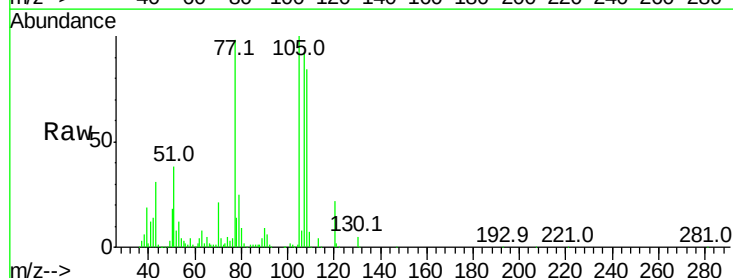
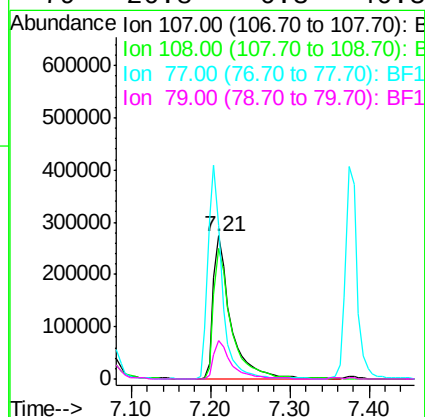
Instrument :
BNA_F
ClientSampleId :

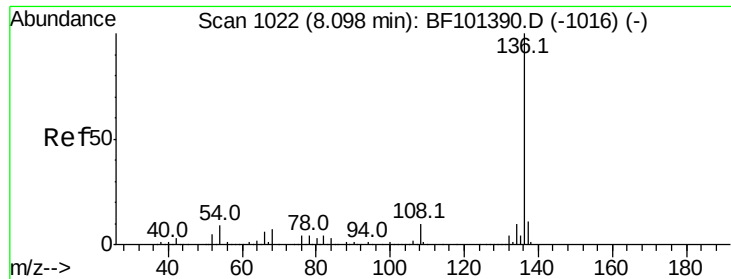
Tot Ion:	70	Resp:	282266
Ion	Ratio	Lower	Upper
70	100		
42	67.0	47.5	71.3
101	8.5	7.4	11.2
130	18.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.553 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:	107	Resp:	415553
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	106.9	26.7	66.7#
79	26.8	6.3	46.3

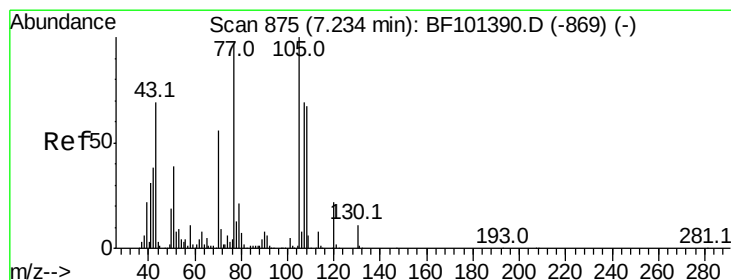
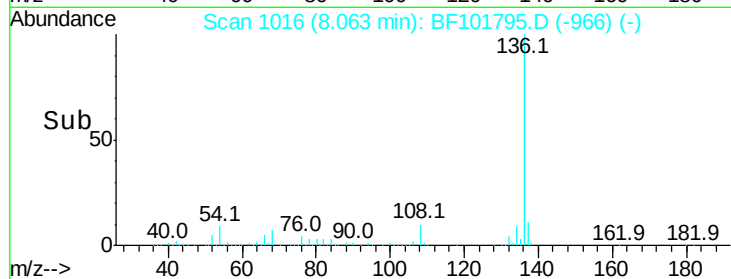
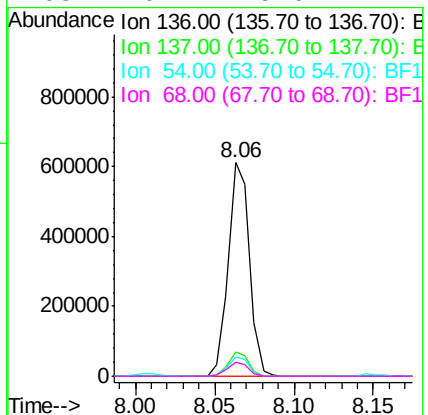
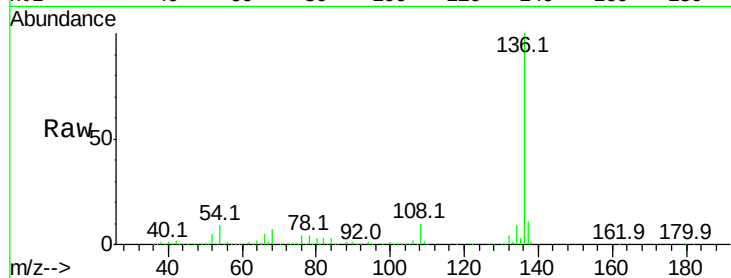




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

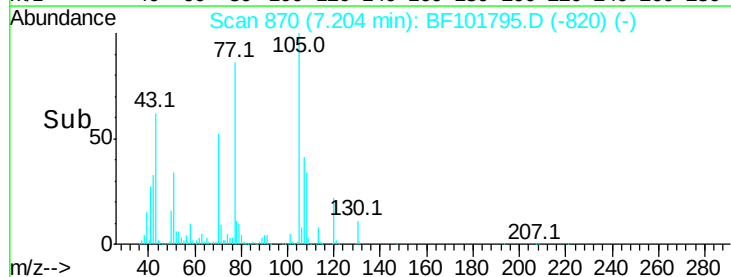
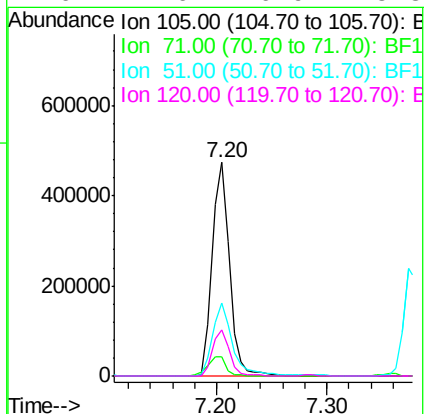
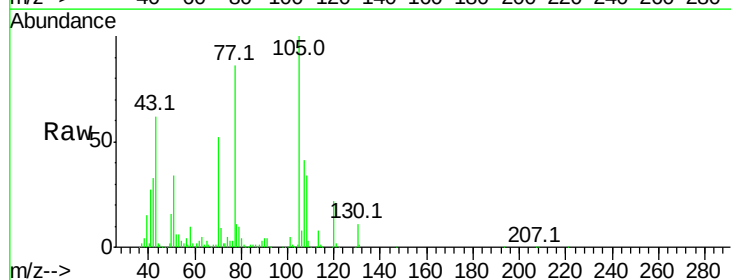
Instrument :
BNA_F
ClientSampleId :

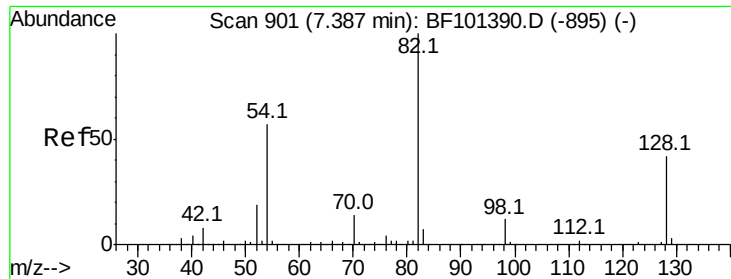
Tot Ion:136	Resp:	564910
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	9.3	6.6 9.8
68	6.7	5.0 7.4



#22
Acetophenone
Concen: 39.523 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:105	Resp:	509449
Ion	Ratio	Lower Upper
105	100	
71	8.9	4.4 6.6#
51	34.3	22.3 33.5#
120	21.6	16.9 25.3

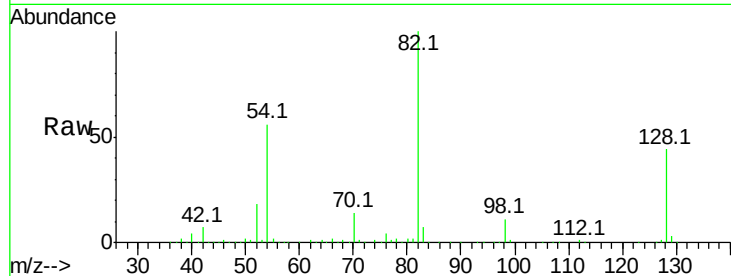




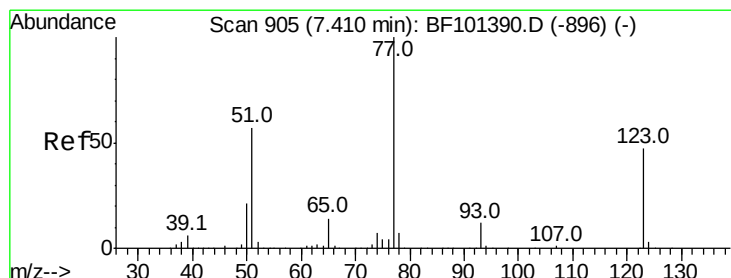
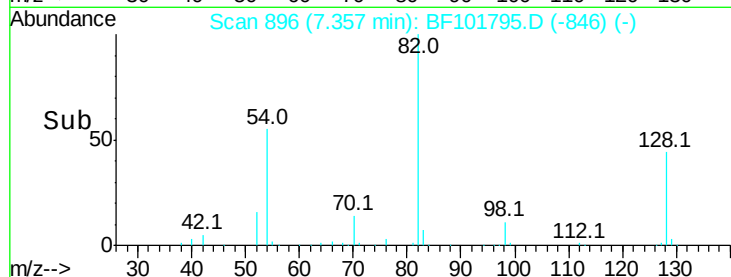
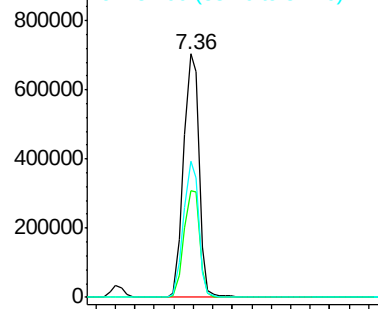
#23
 Nitrobenzene-d5
 Concen: 76.878 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	780173
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	55.8	41.4	62.2

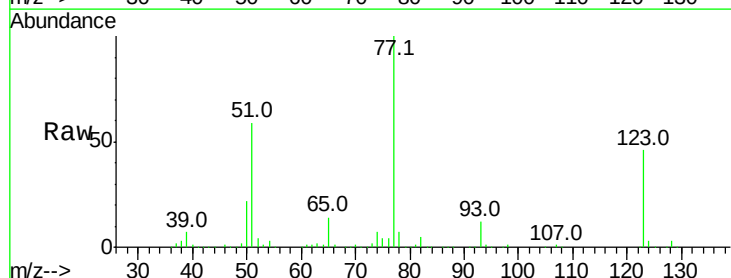


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

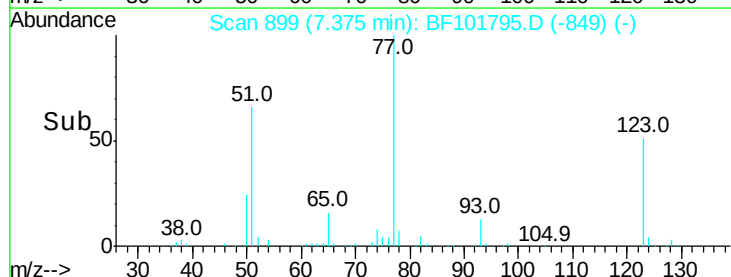
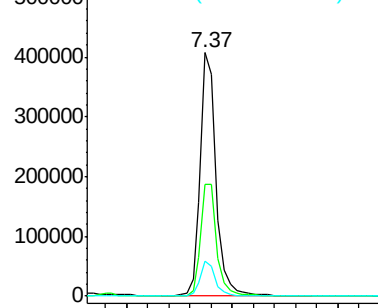


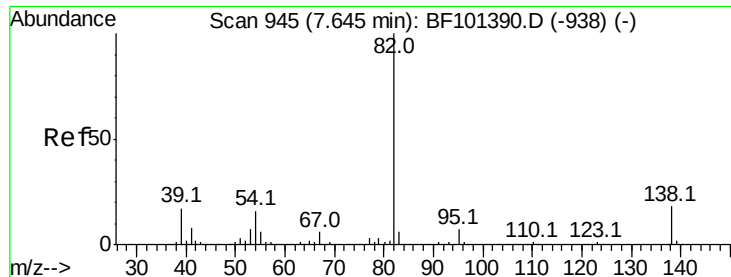
#24
 Nitrobenzene
 Concen: 37.221 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion	77	Resp	418053
Ion Ratio	100		
Lower	37.9		
Upper	56.9		
65	14.1	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: 36.575 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampleId :

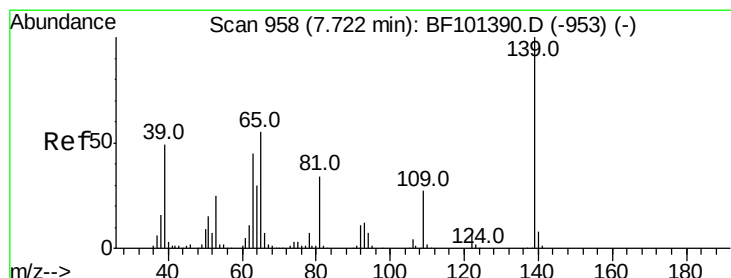
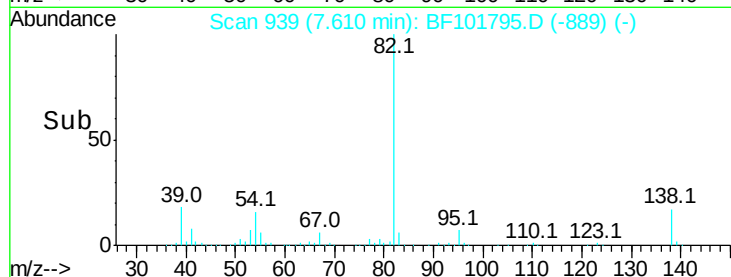
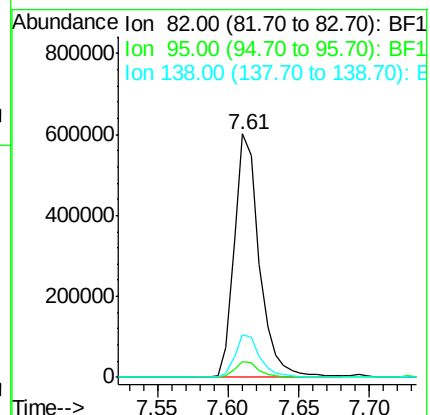
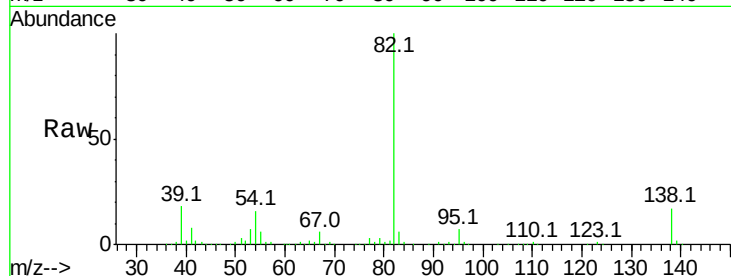
Tot Ion: 82 Resp: 744601

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 44.708 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

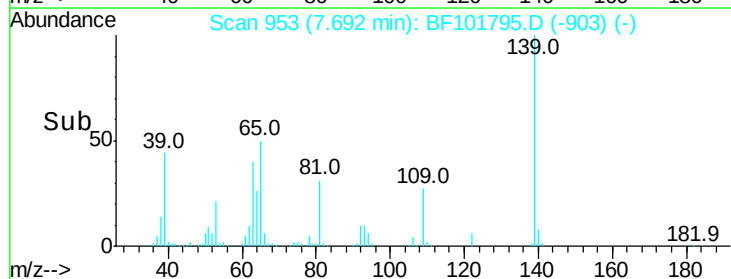
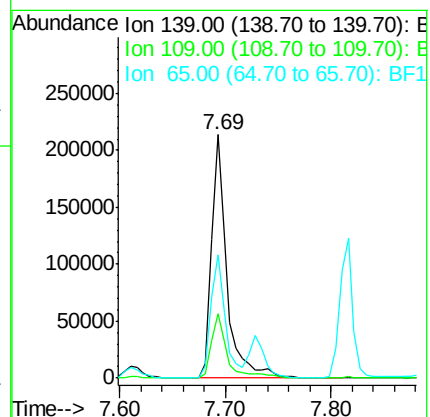
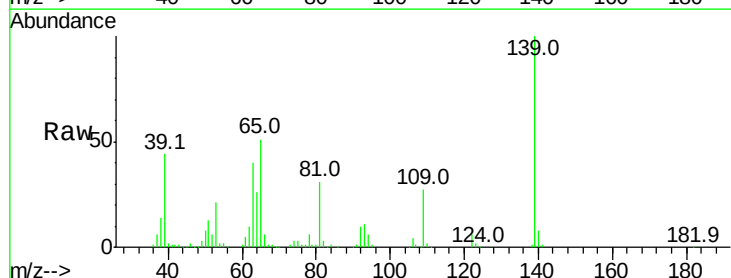
Tgt Ion: 139 Resp: 215729

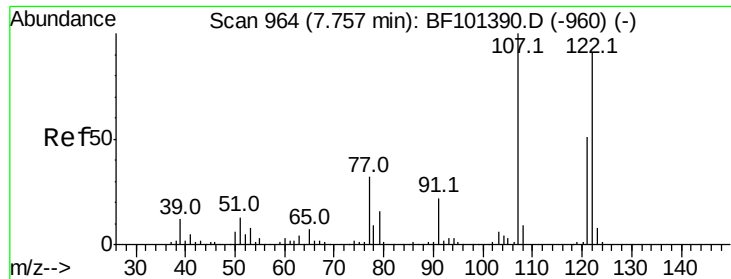
Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

65 50.8 40.5 60.7

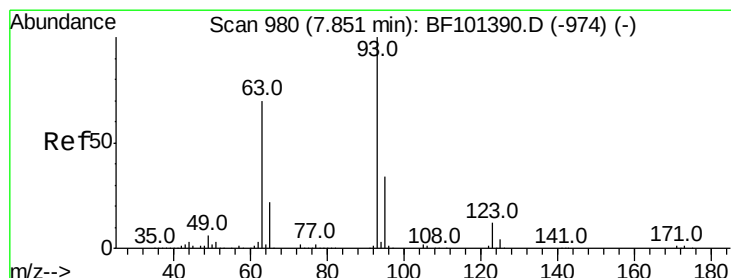
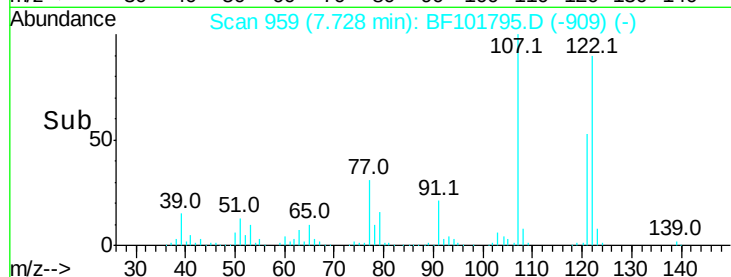
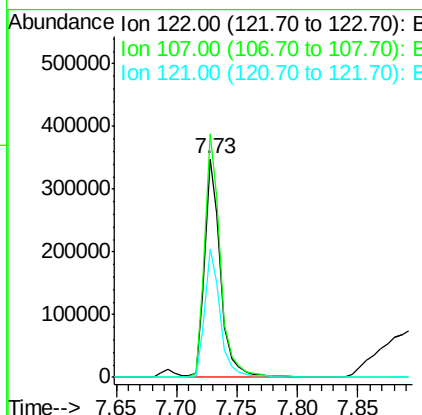
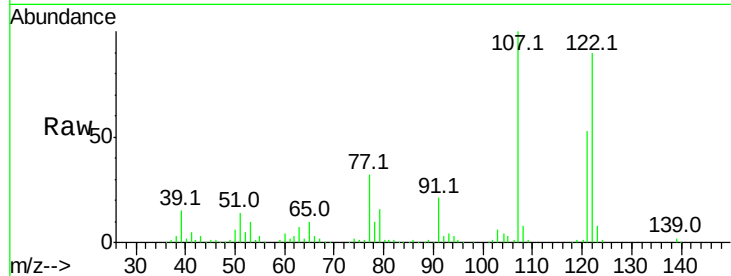




#27
 2,4-Dimethylphenol
 Concen: 38.681 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

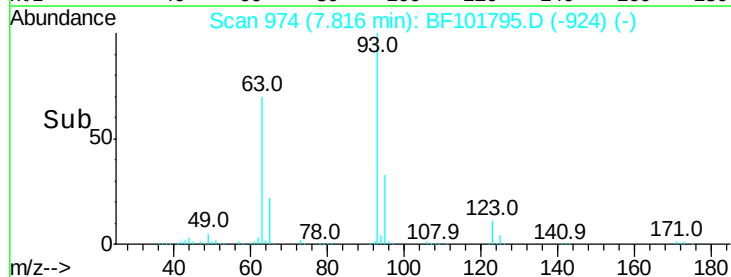
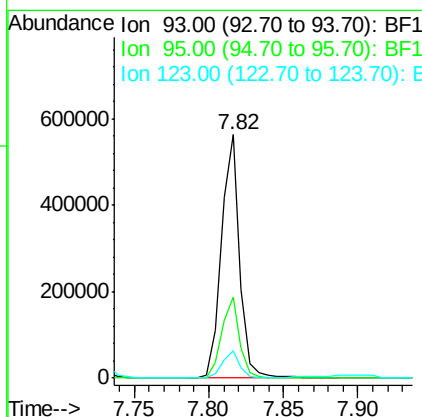
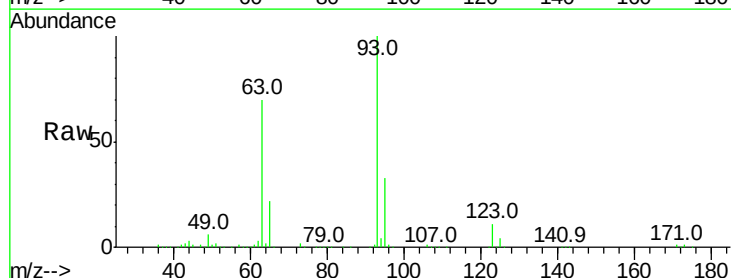
Instrument :
 BNA_F
 ClientSampled :

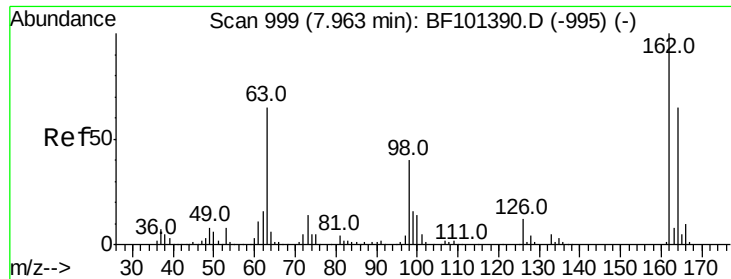
Tot Ion:122 Resp: 317091
 Ion Ratio Lower Upper
 122 100
 107 111.4 91.2 136.8
 121 58.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.529 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion: 93 Resp: 485314
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.2 9.8 14.6

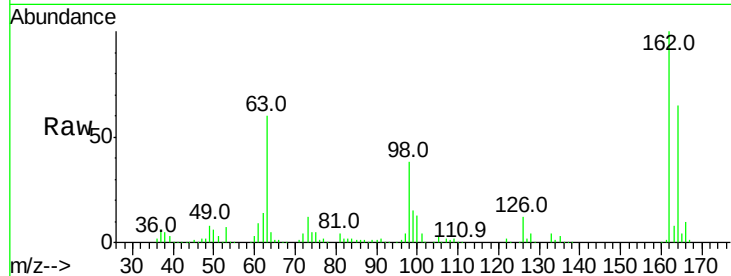




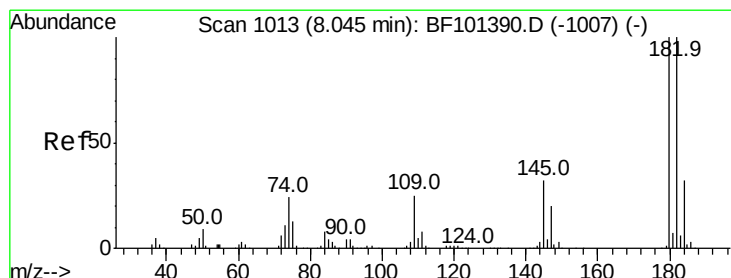
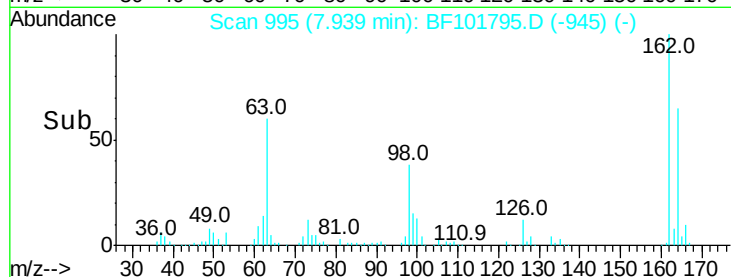
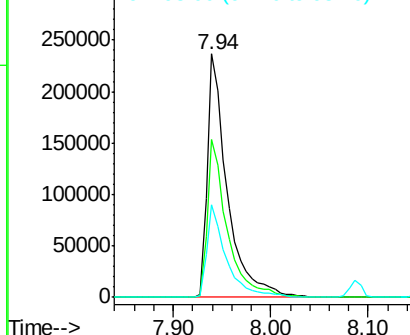
#29
 2,4-Dichlorophenol
 Concen: 41.464 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	37.8	18.1	58.1

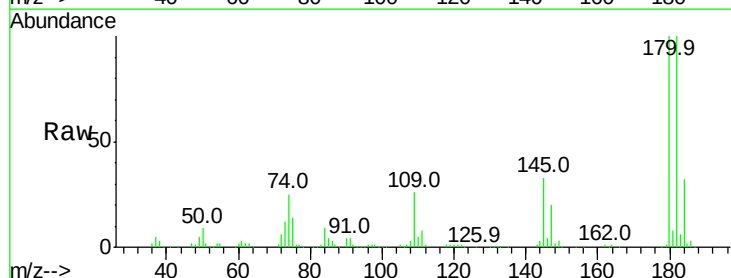


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

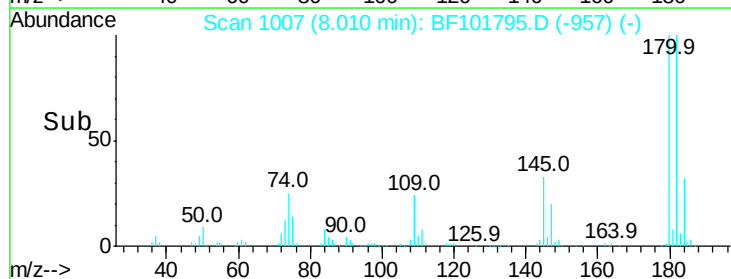
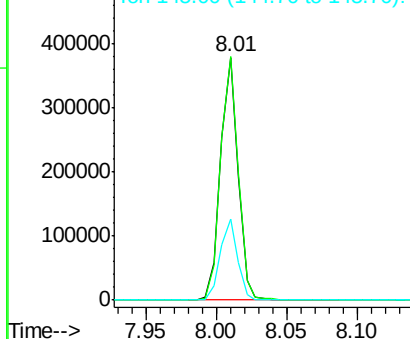


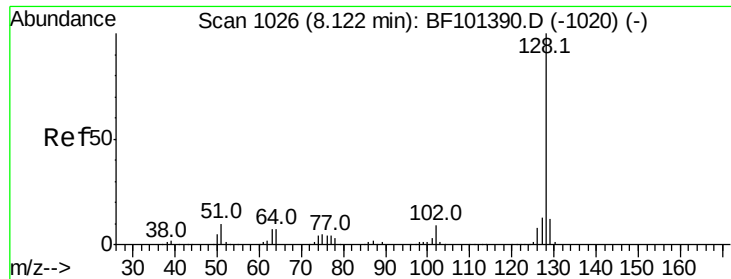
#30
 1,2,4-Trichlorobenzene
 Concen: 38.484 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.8	115.2
145	33.3	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

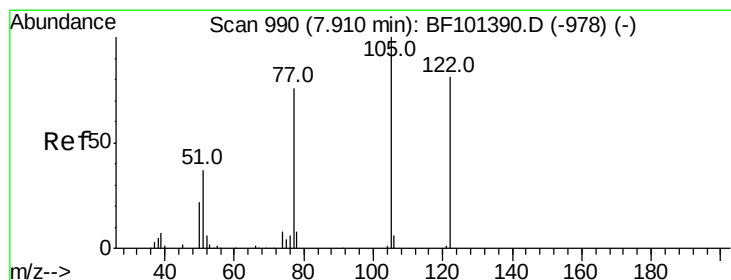
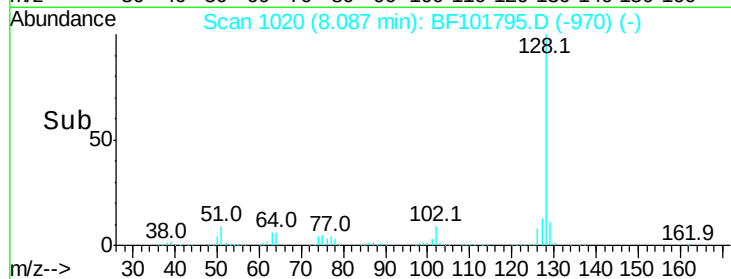
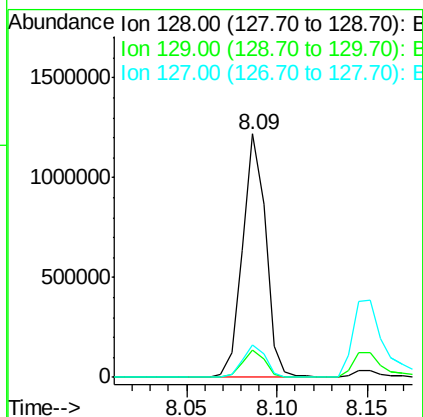
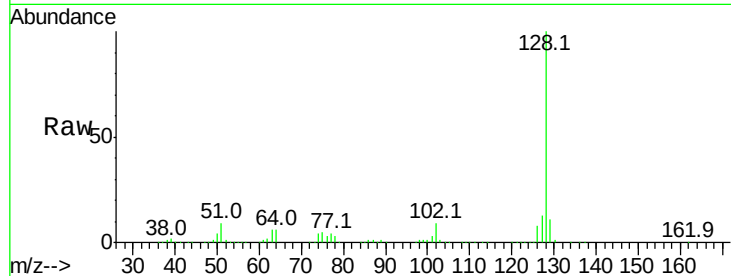




#31
Naphthalene
Concen: 38.061 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

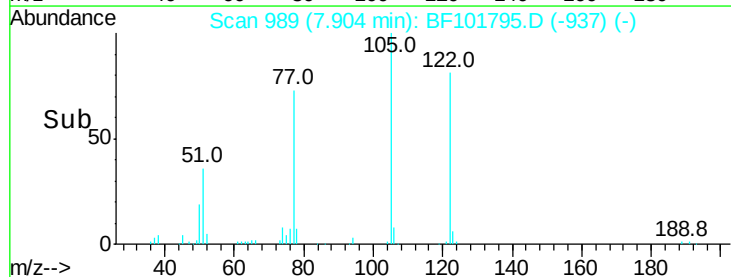
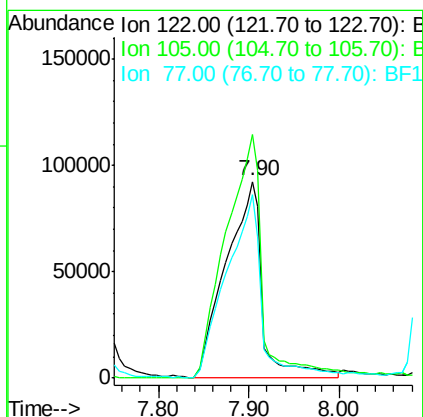
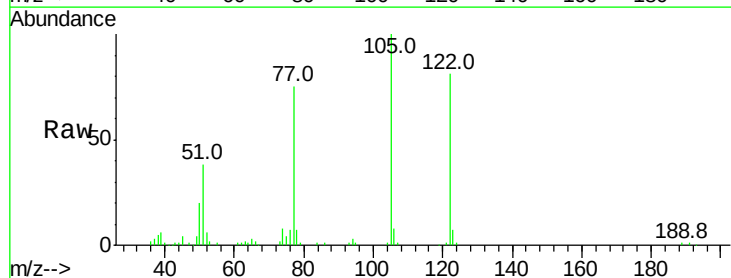
Instrument :
BNA_F
ClientSampleId :

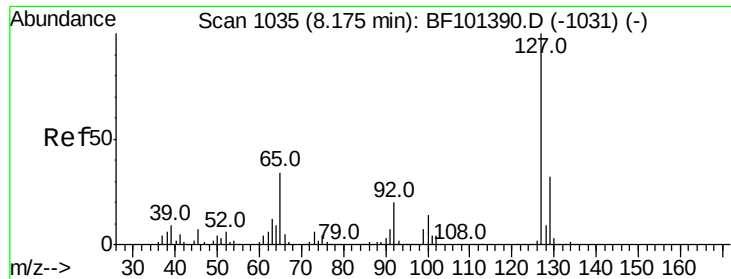
Tot Ion:128 Resp: 1082449
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 46.207 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:122 Resp: 253254
Ion Ratio Lower Upper
122 100
105 123.8 101.1 141.1
77 93.3 70.7 110.7

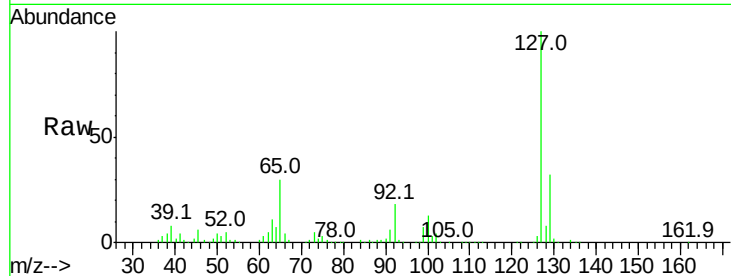




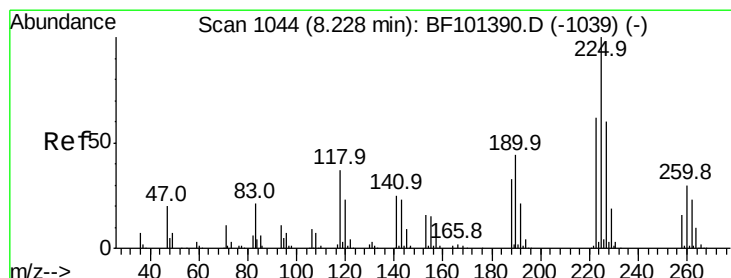
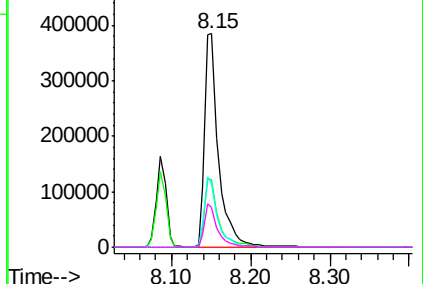
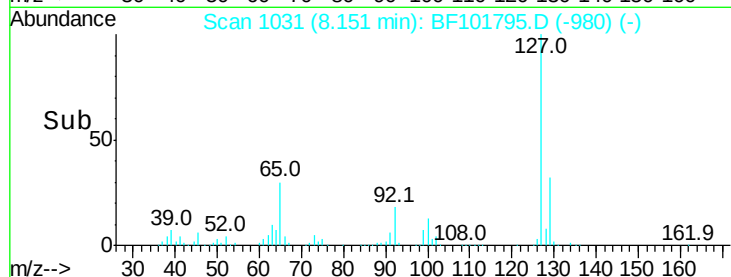
#33
4-Chloroaniline
Concen: 38.795 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	479534
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.1	25.0	37.4
92	18.4	15.2	22.8

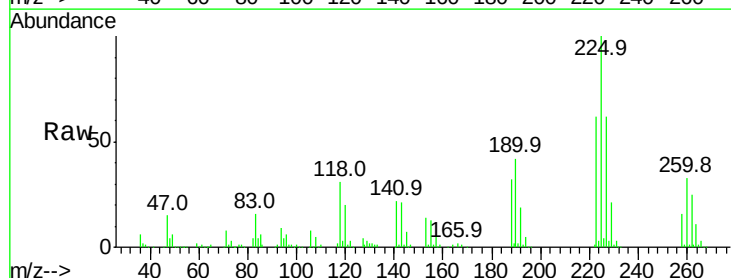


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

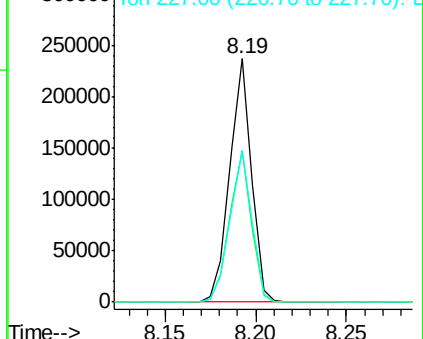
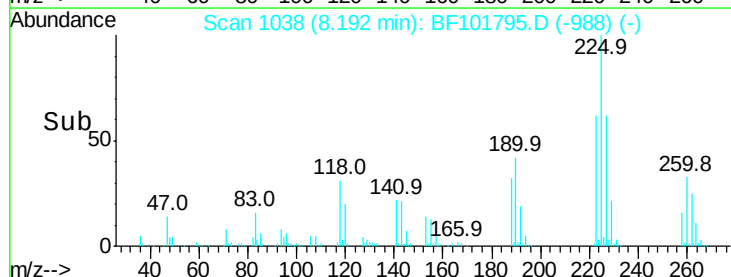


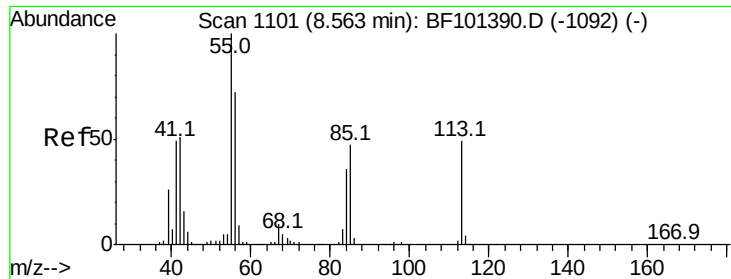
#34
Hexachlorobutadiene
Concen: 40.316 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:	225	Resp:	199289
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	62.1	51.9	77.9



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





#35

Caprolactam

Concen: 27.620 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampleId :

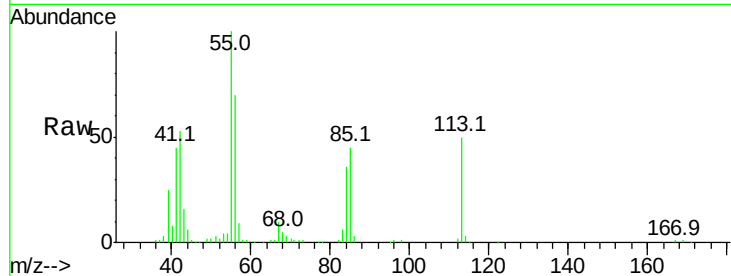
Tot Ion:113 Resp: 77671

Ion Ratio Lower Upper

113 100

55 199.5 163.3 203.3

56 139.6 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

150000

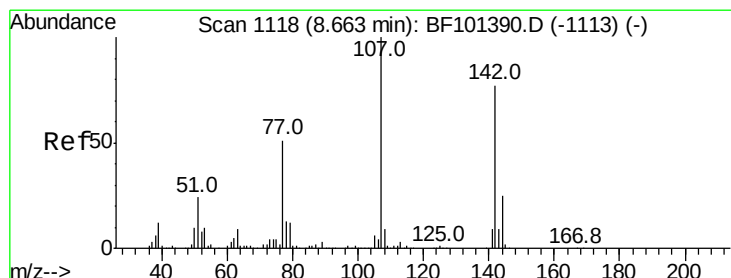
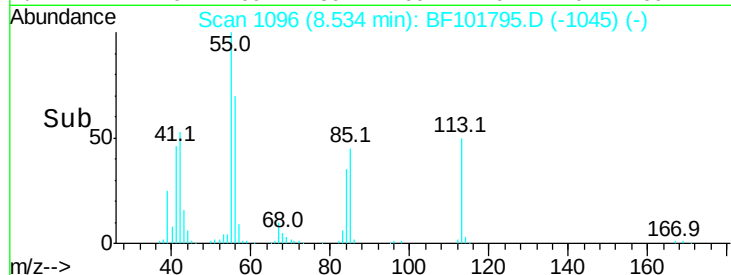
100000

50000

0

8.48 8.50 8.52 8.54 8.56

Time-->



#36

4-Chloro-3-methylphenol

Concen: 39.379 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

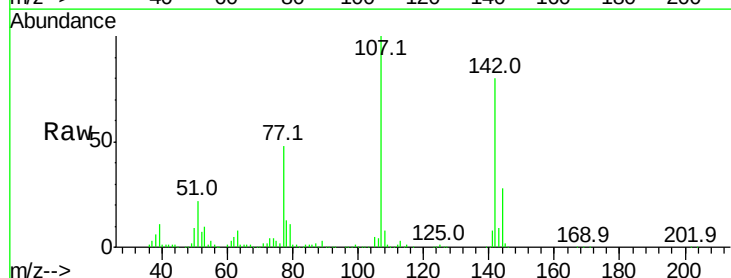
Tgt Ion:107 Resp: 350533

Ion Ratio Lower Upper

107 100

144 27.8 20.5 30.7

142 80.0 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

1000000

800000

600000

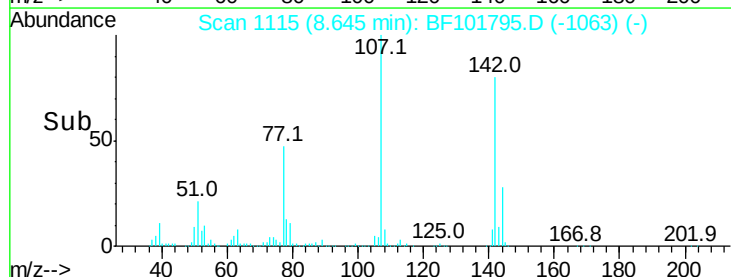
400000

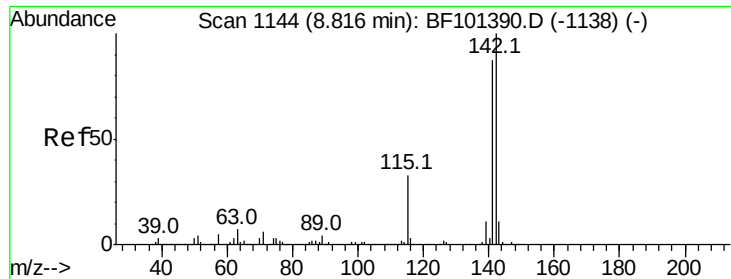
200000

0

8.60 8.70 8.80

Time-->

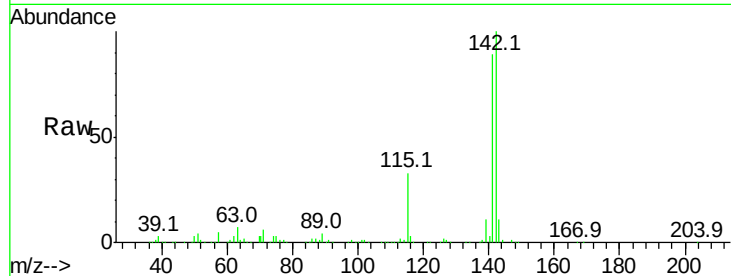




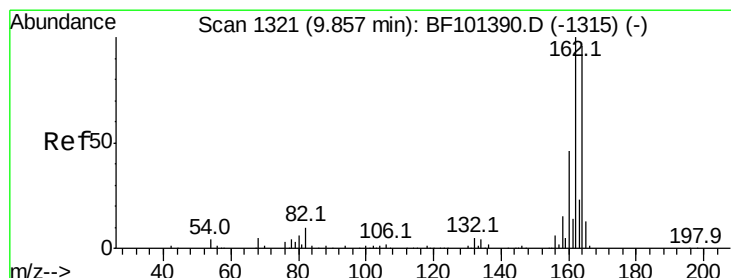
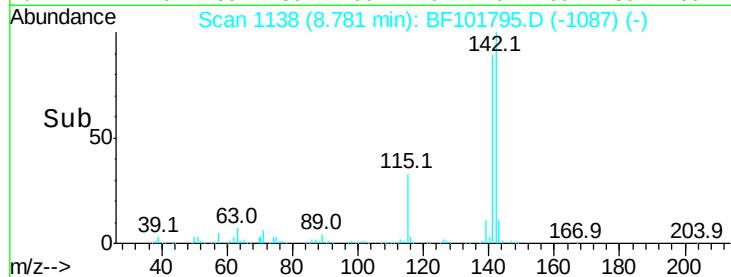
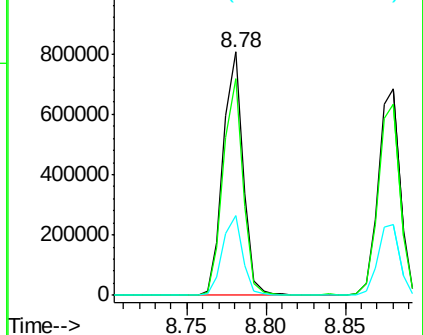
#37
2-Methylnaphthalene
Concen: 37.997 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 704046
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 32.7 26.1 39.1

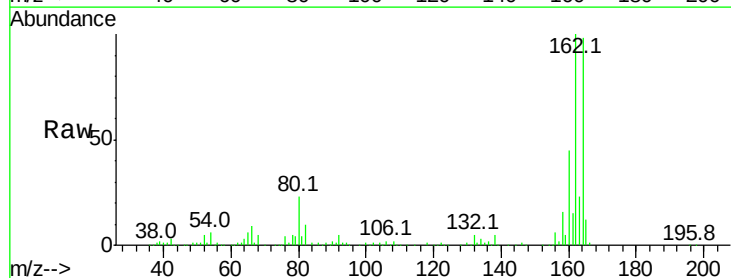


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

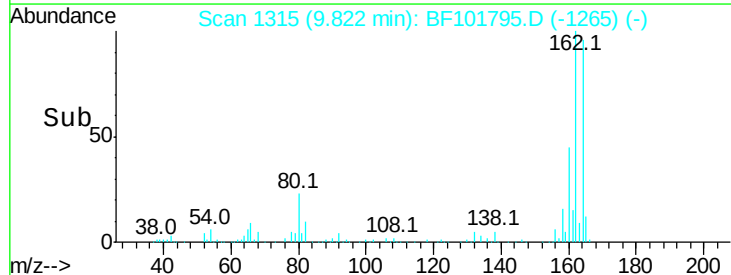
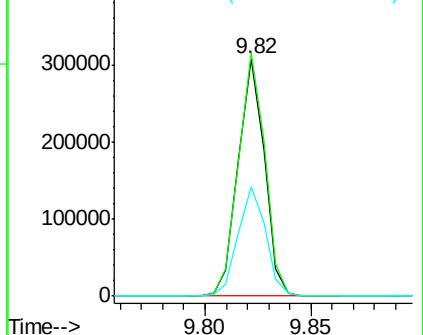


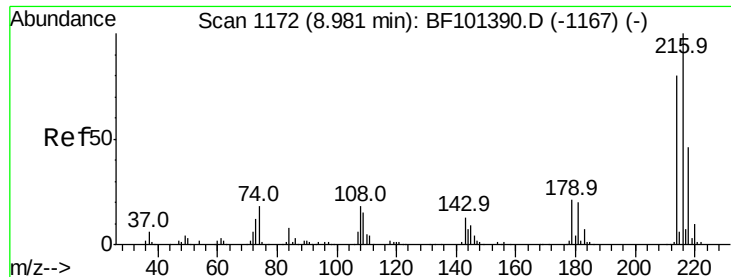
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:164 Resp: 265296
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 46.0 38.3 57.5



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

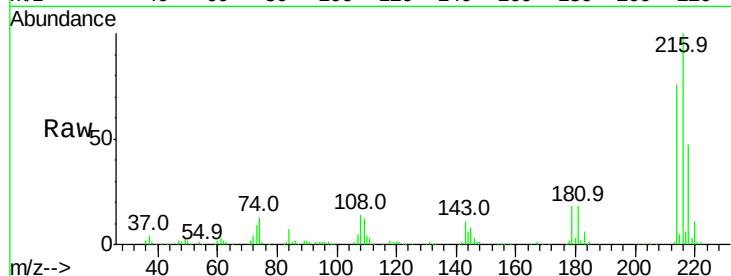




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.141 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	19.9	18.1	27.1
108	17.2	17.2	25.8

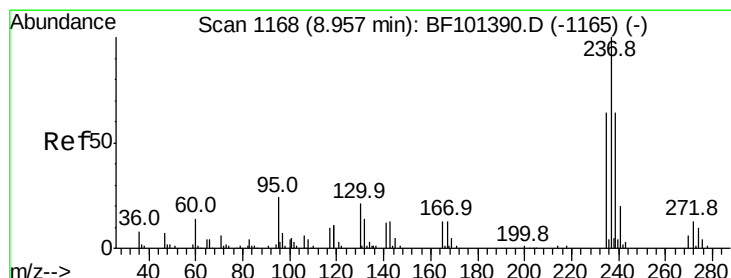
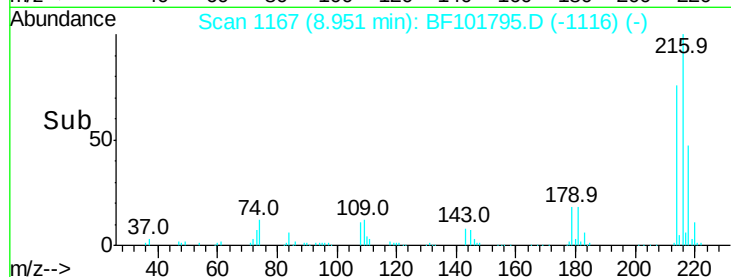
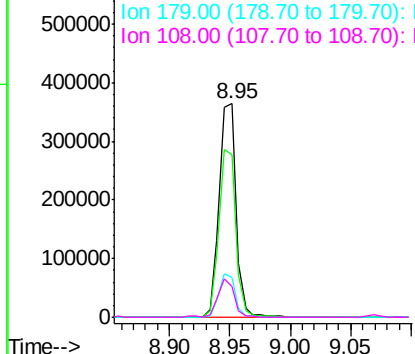


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

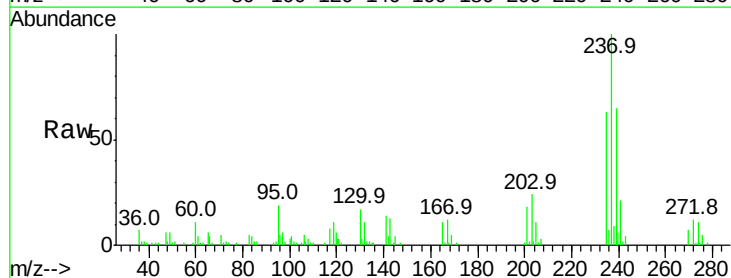
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 33.289 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

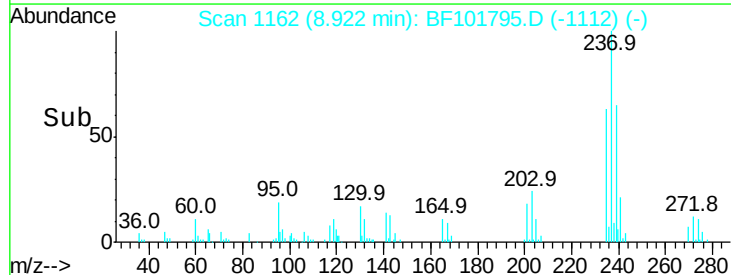
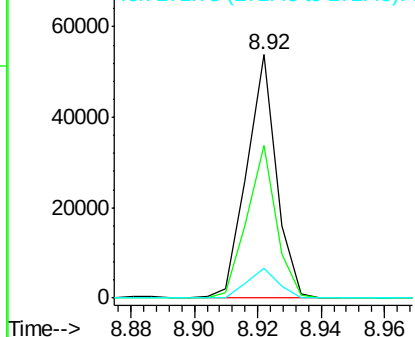
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.8	84.8
272	12.3	0.0	33.3

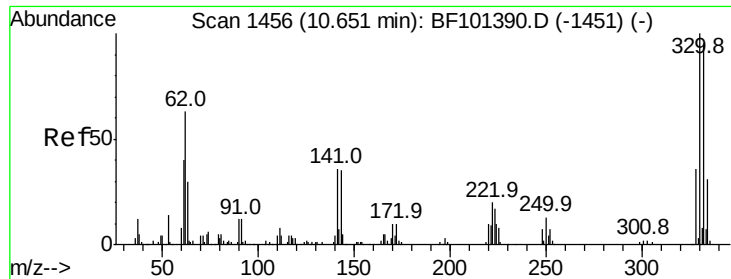


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

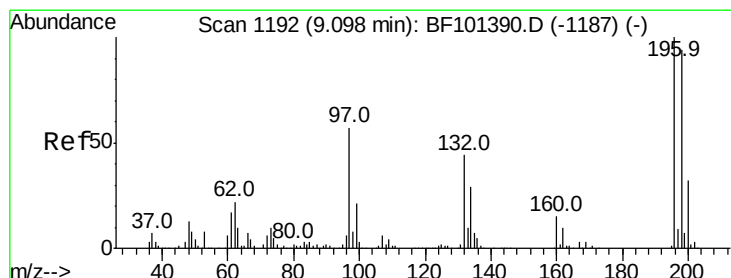
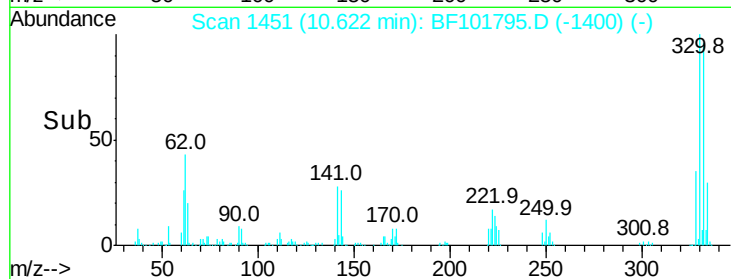
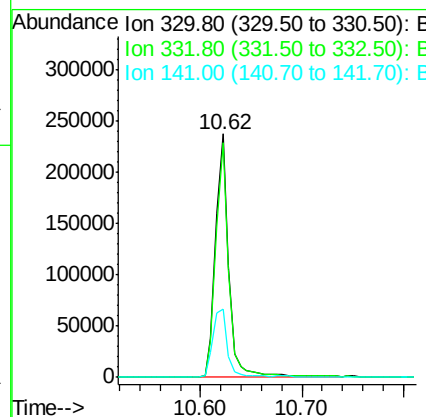
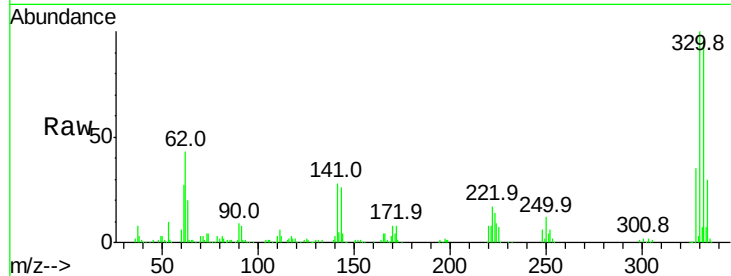




#41
 2,4,6-Tribromophenol
 Concen: 86.021 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

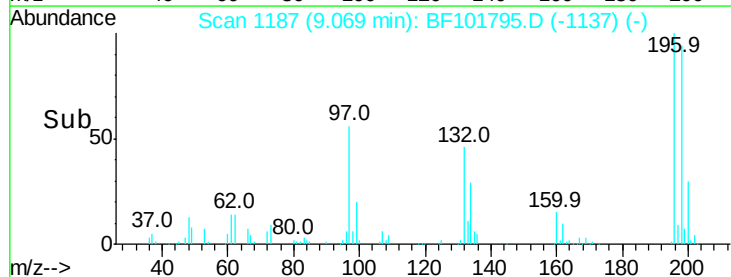
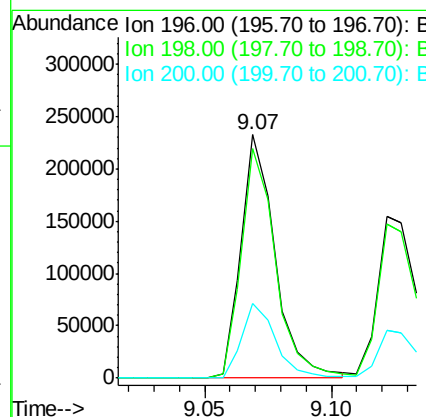
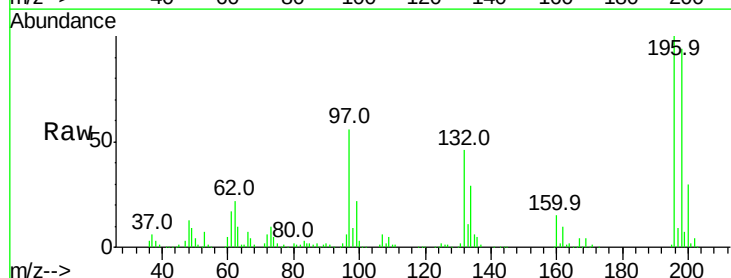
Instrument :
 BNA_F
 ClientSampleId :

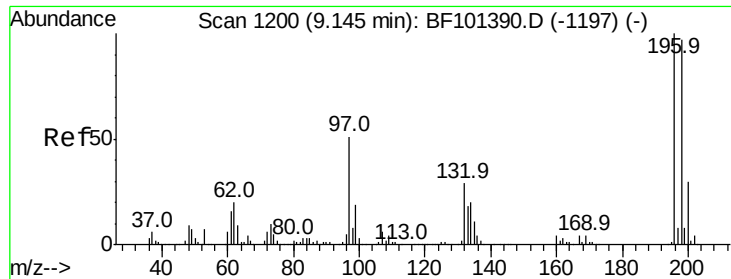
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	31.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.412 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	30.5	24.5	36.7

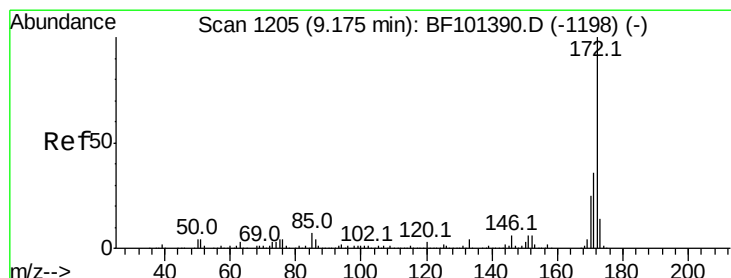
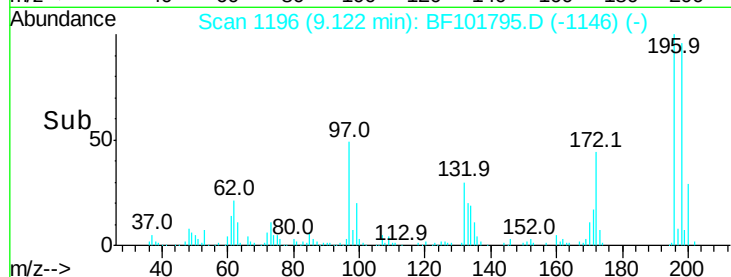
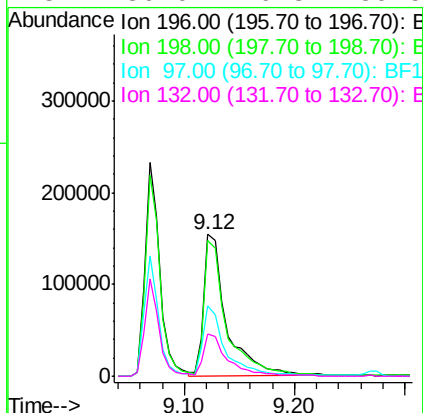
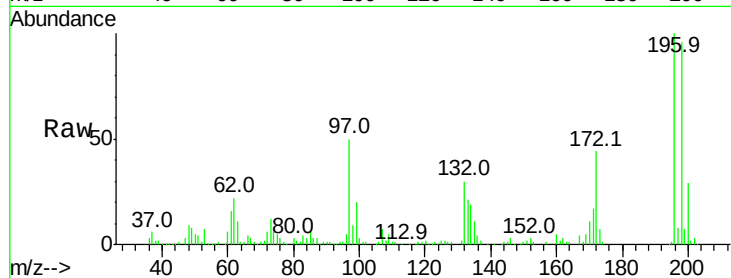




#43
 2,4,5-Trichlorophenol
 Concen: 36.833 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

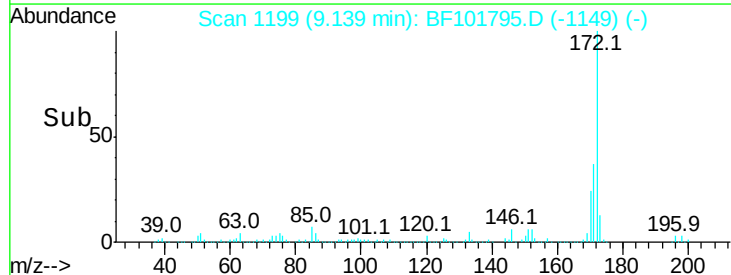
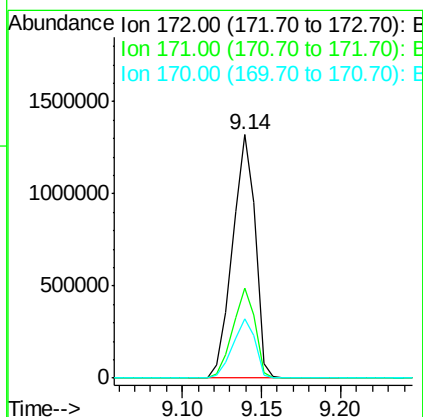
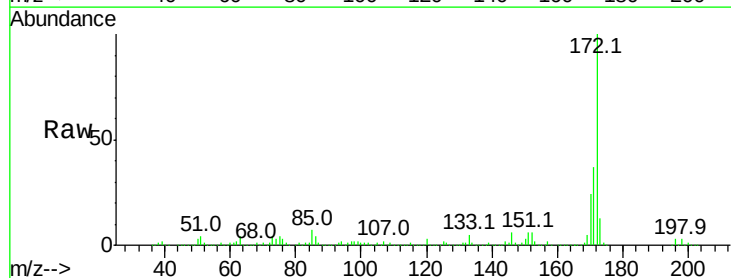
Instrument :
 BNA_F
 ClientSampleId :

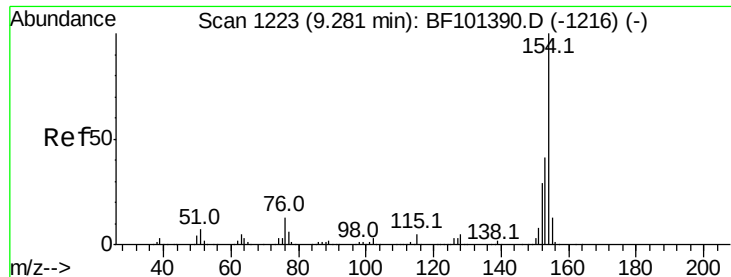
Tot Ion:	196	Resp:	217476
Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	49.6	42.9	64.3
132	30.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 76.556 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion:	172	Resp:	1309272
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.151 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampleId :

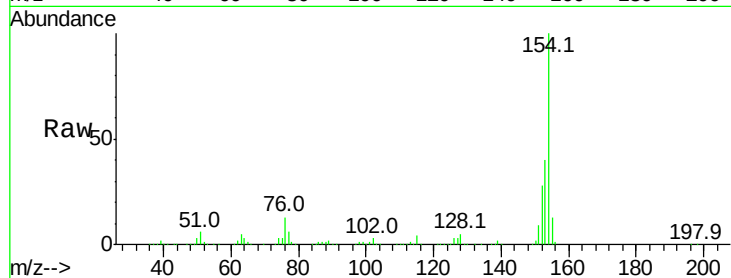
Tot Ion:154 Resp: 874081

Ion Ratio Lower Upper

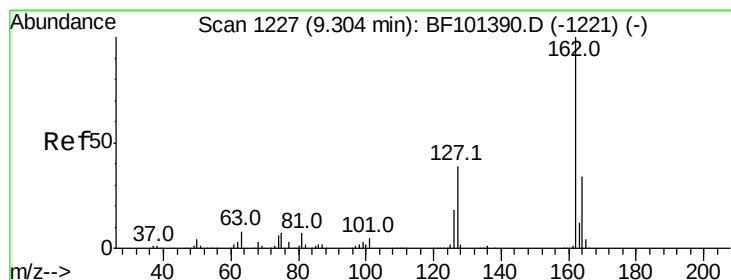
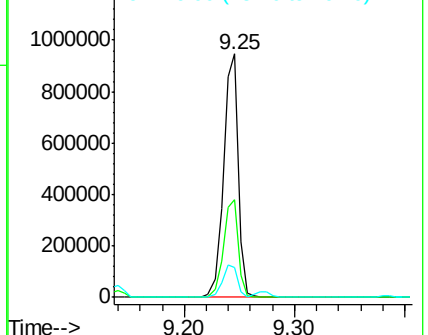
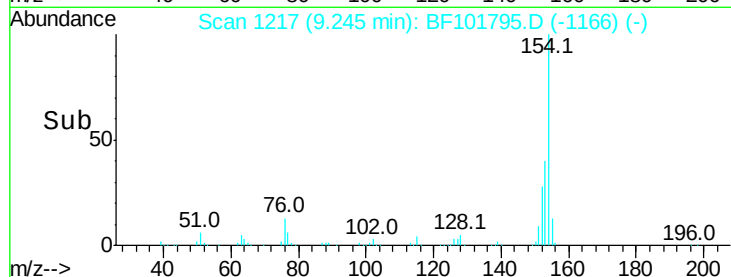
154 100

153 40.0 21.3 61.3

76 12.5 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 37.189 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

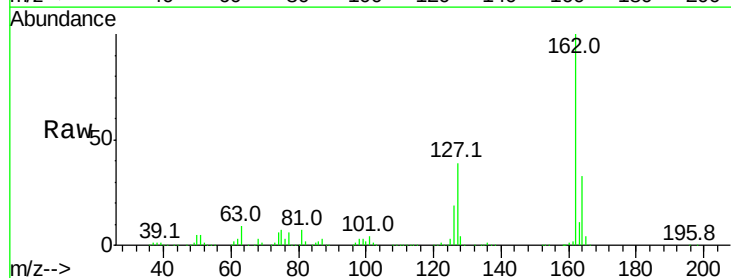
Tgt Ion:162 Resp: 669494

Ion Ratio Lower Upper

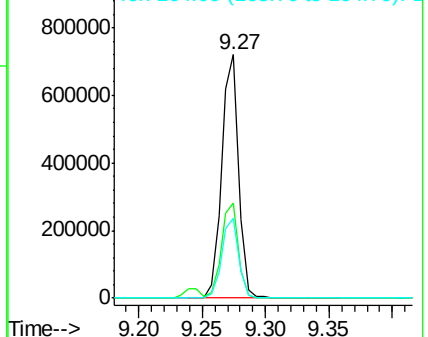
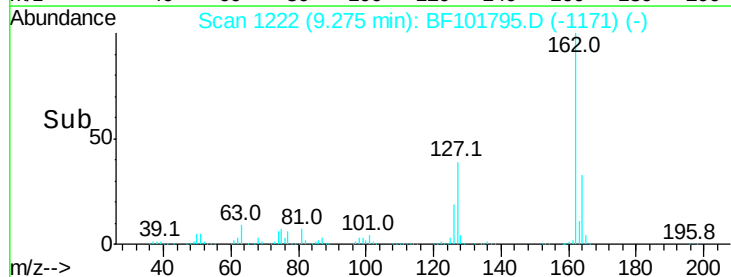
162 100

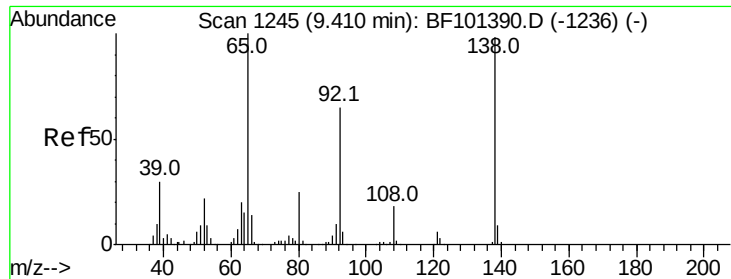
127 39.0 33.9 50.9

164 32.8 26.5 39.7



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

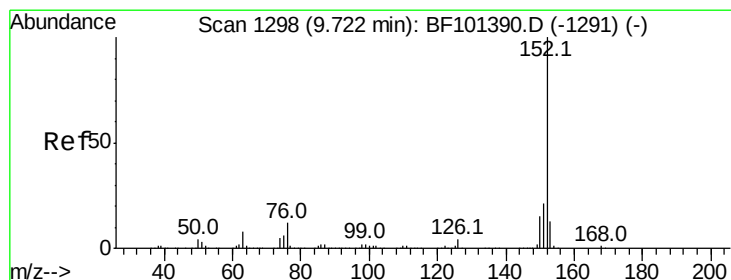
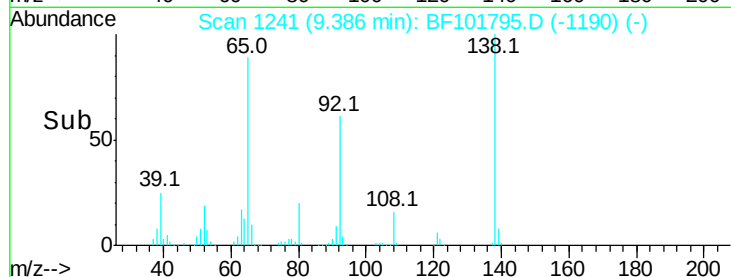
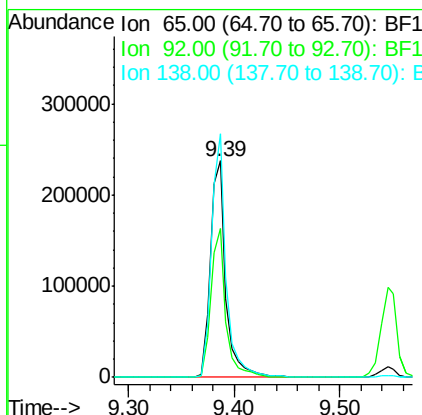
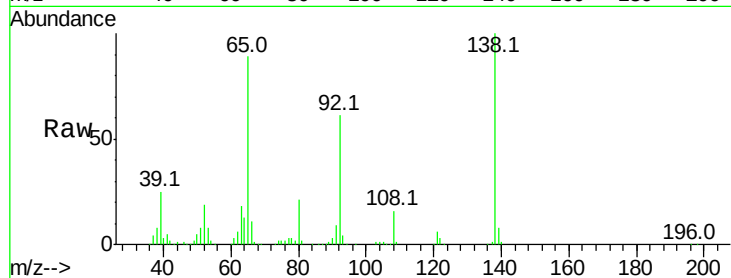




#47
2-Nitroaniline
Concen: 39.179 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

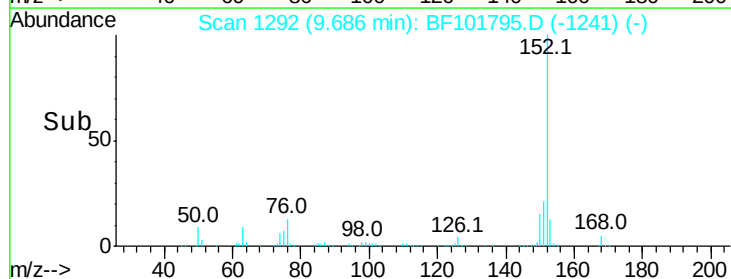
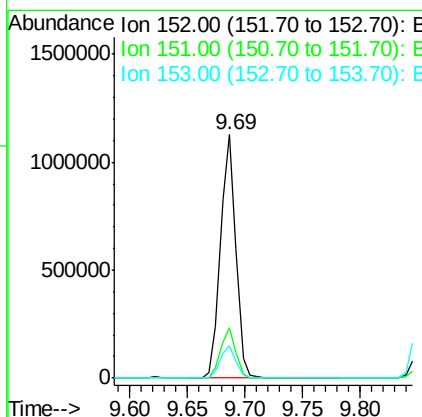
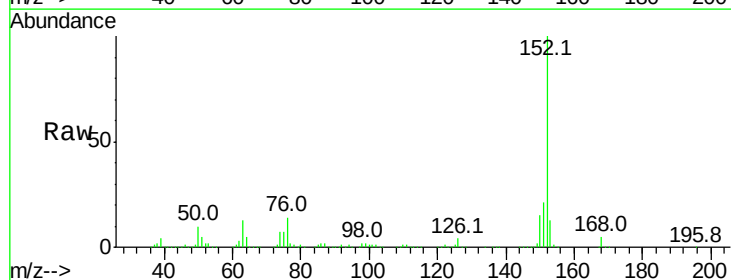
Instrument :
BNA_F
ClientSampleId :

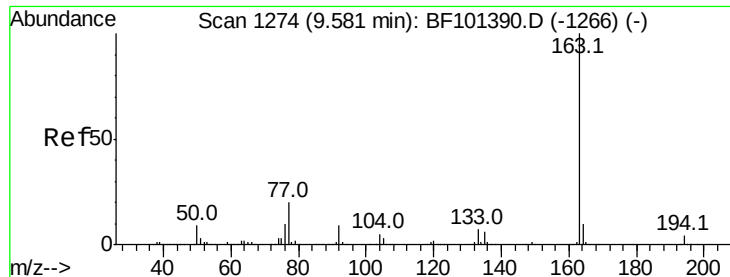
Tot Ion: 65 Resp: 243654
Ion Ratio Lower Upper
65 100
92 69.0 55.8 83.6
138 112.5 91.2 136.8



#48
Acenaphthylene
Concen: 36.576 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion: 152 Resp: 1040021
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.3 10.7 16.1

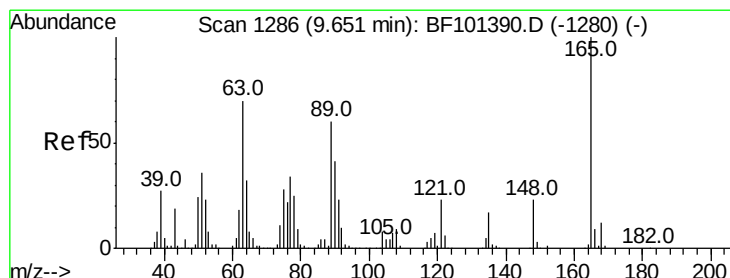
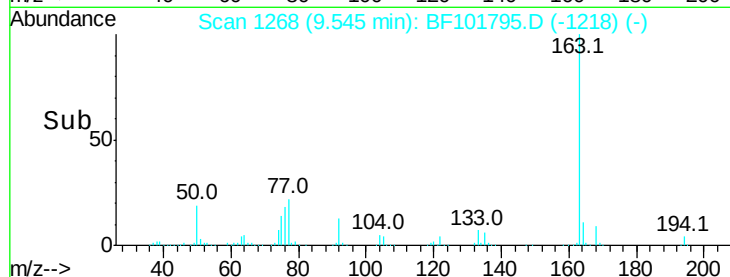
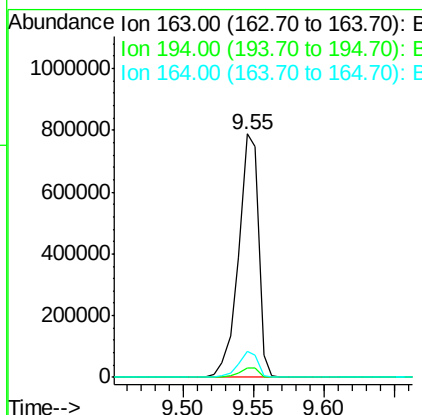
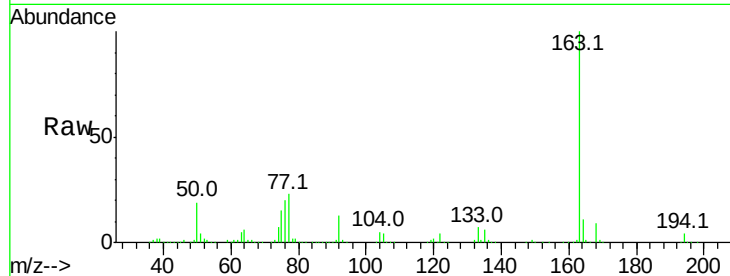




#49
Dimethylphthalate
Concen: 36.304 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

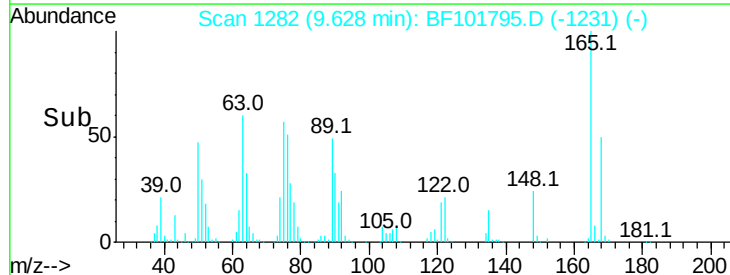
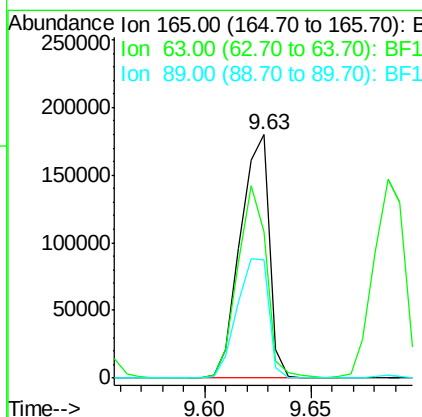
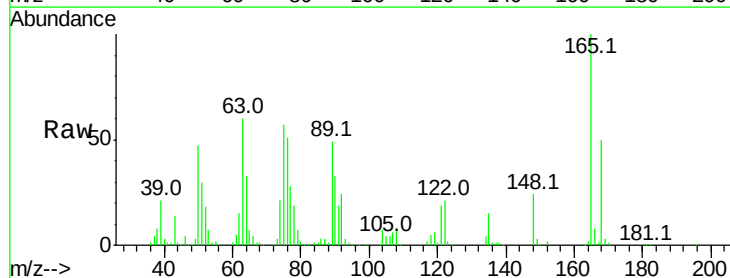
Instrument :
BNA_F
ClientSampleId :

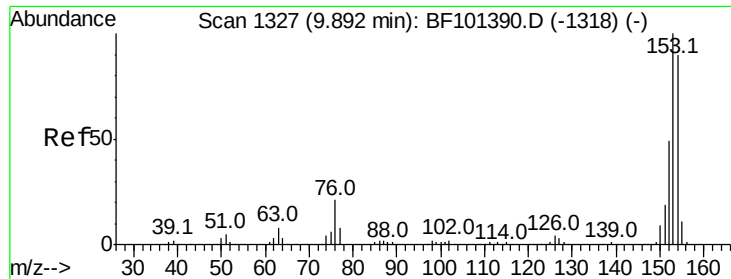
Tot Ion:163 Resp: 774698
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 39.313 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:165 Resp: 170503
Ion Ratio Lower Upper
165 100
63 59.9 44.7 67.1
89 48.7 44.0 66.0

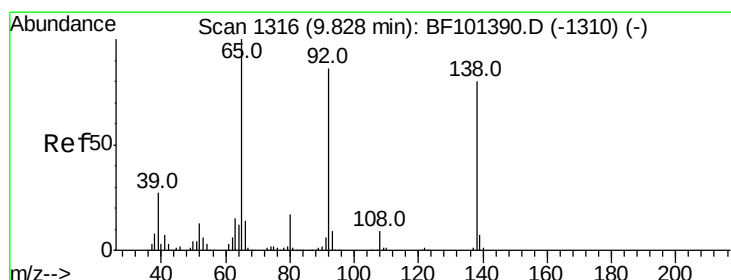
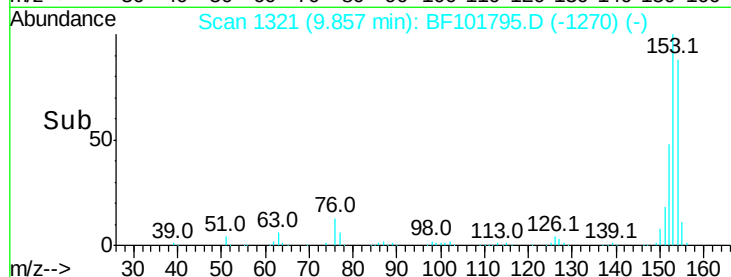
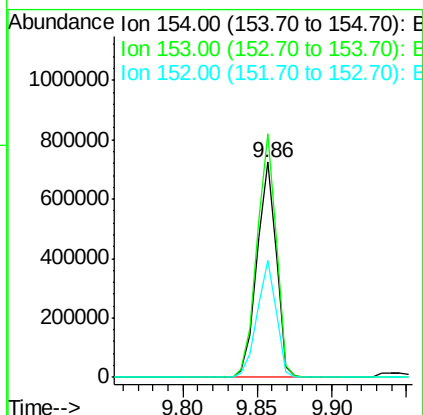
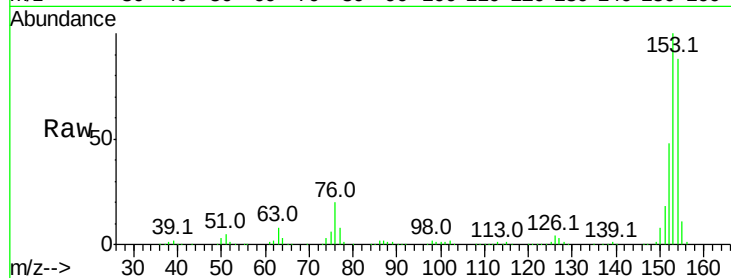




#51
Acenaphthene
Concen: 37.453 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

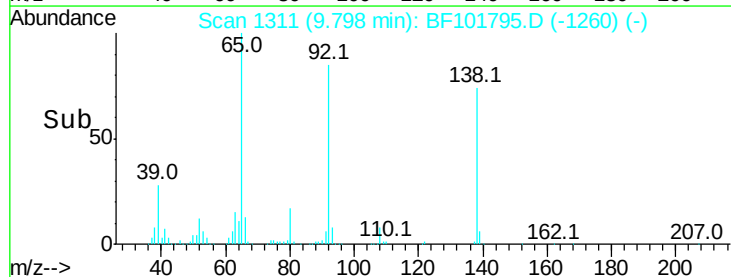
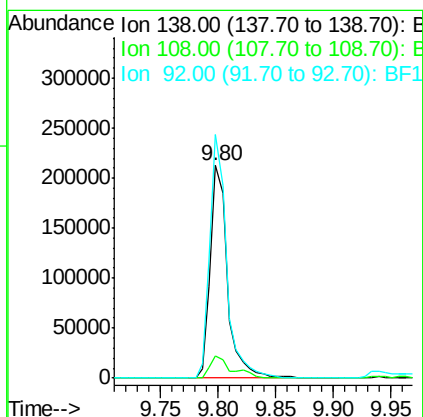
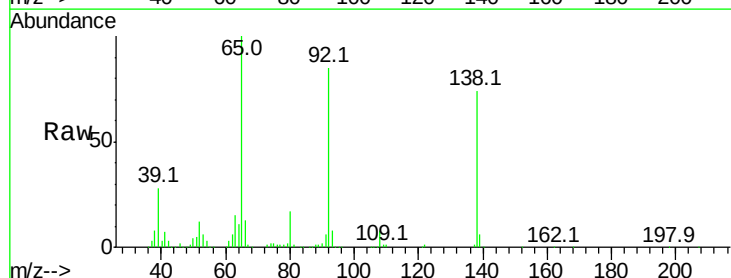
Instrument :
BNA_F
ClientSampleId :

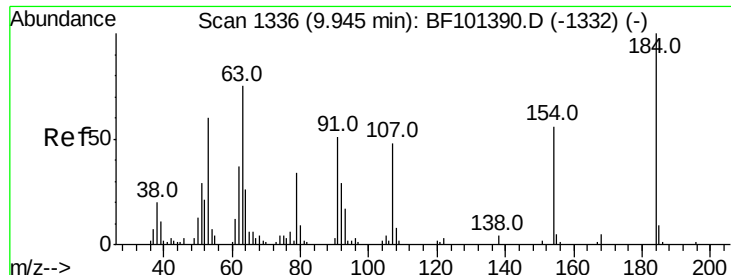
Tot Ion:154 Resp: 639827
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 54.5 43.8 65.8



#52
3-Nitroaniline
Concen: 40.862 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:138 Resp: 220951
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 114.4 89.4 134.2

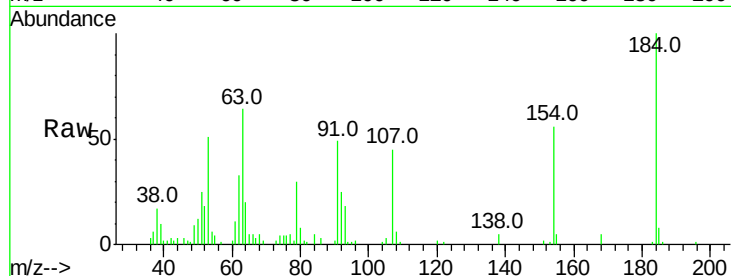




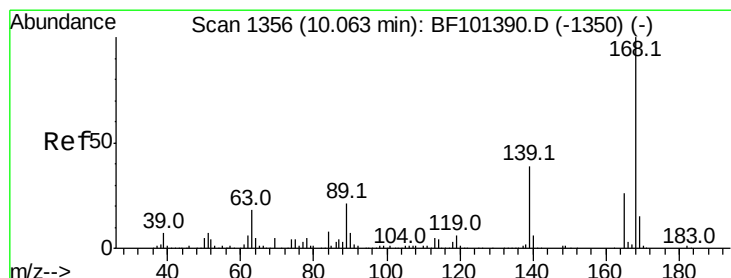
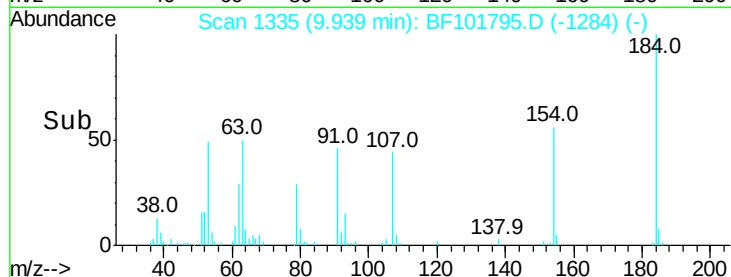
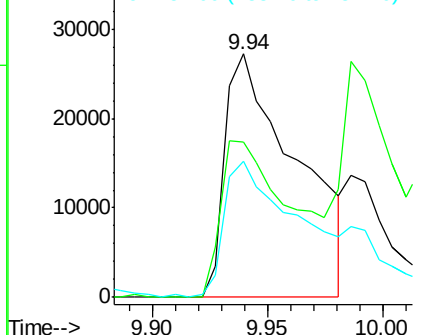
#53
2,4-Dinitrophenol
Concen: 44.075 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 58541
Ion Ratio Lower Upper
184 100
63 63.9 54.2 81.2
154 55.9 184.0 276.0#

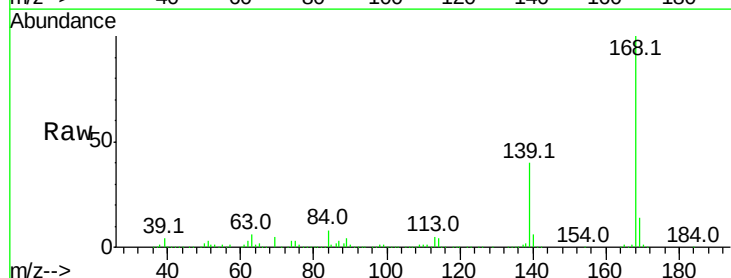


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

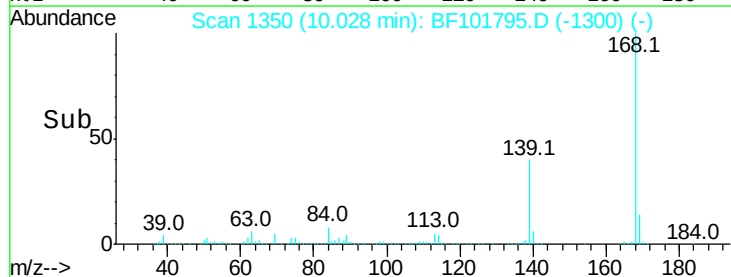
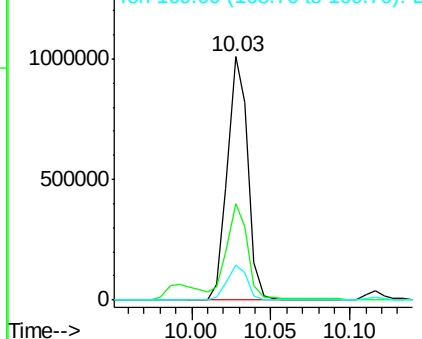


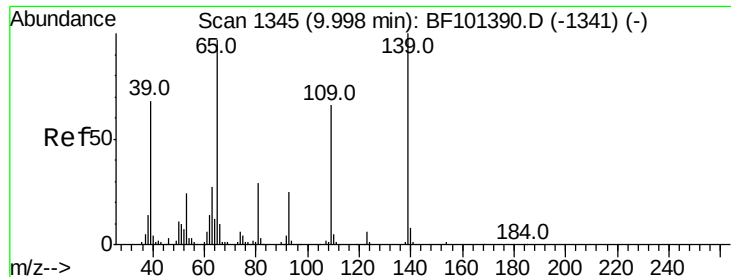
#54
Dibenzofuran
Concen: 41.309 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:168 Resp: 896817
Ion Ratio Lower Upper
168 100
139 39.6 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: 40.877 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampleId :

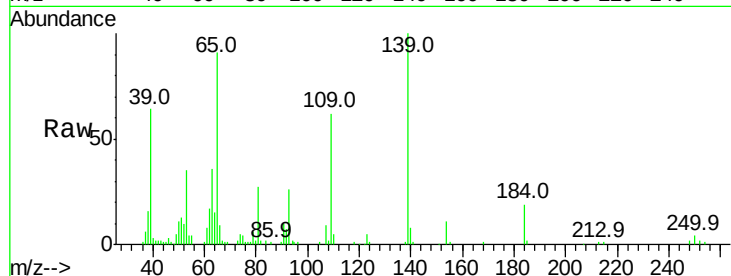
Tot Ion:139 Resp: 96381

Ion Ratio Lower Upper

139 100

109 62.2 48.4 88.4

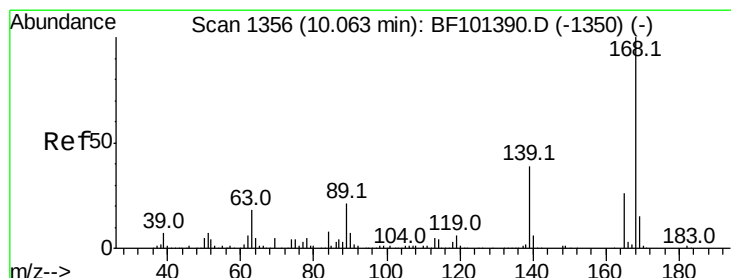
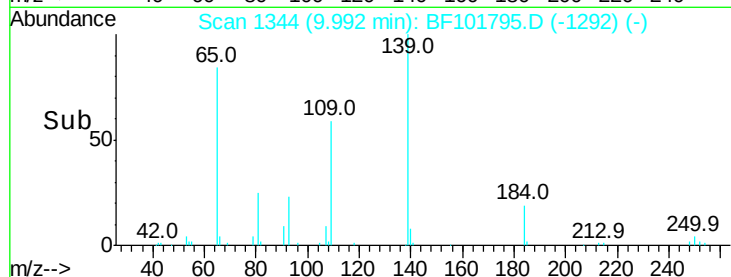
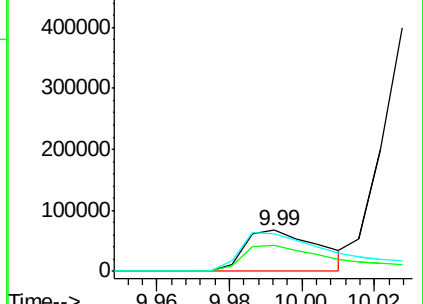
65 91.1 72.6 112.6



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: 48.403 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Tgt Ion:165 Resp: 236520

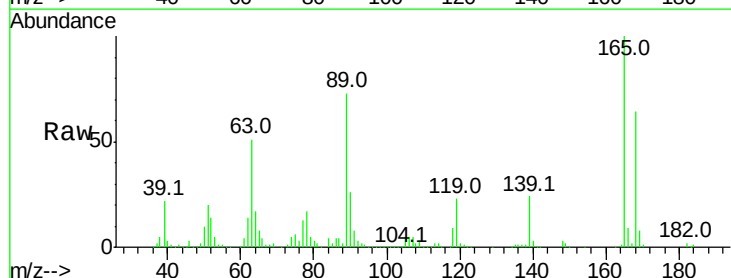
Ion Ratio Lower Upper

165 100

63 51.1 36.4 54.6

89 73.2 57.8 86.6

182 2.3 1.6 2.4

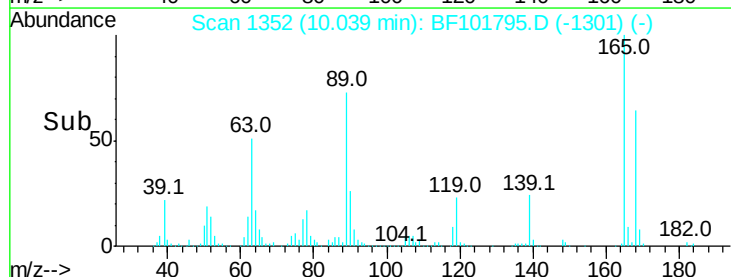
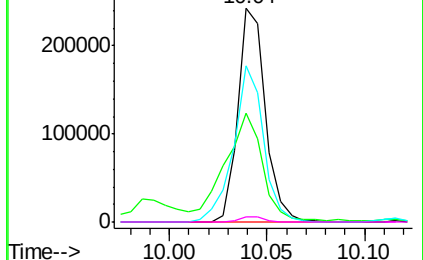


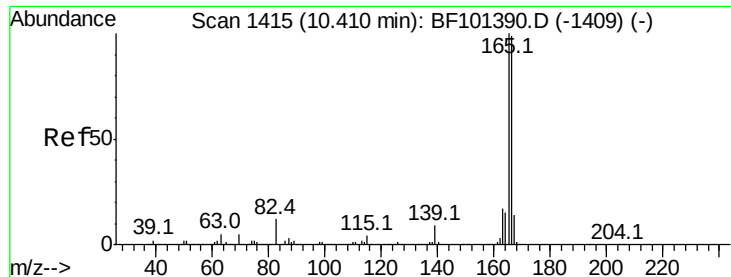
Abundance Ion 165.00 (164.70 to 165.70): E

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

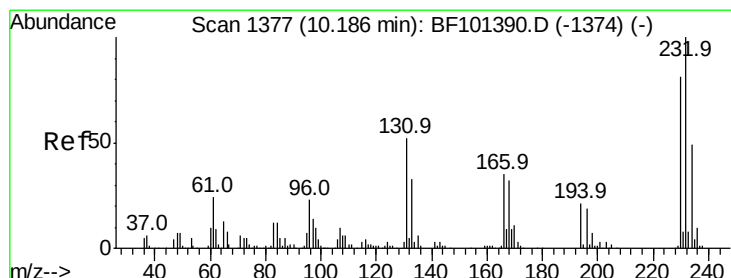
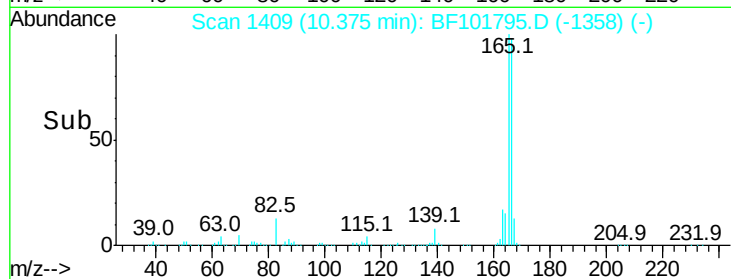
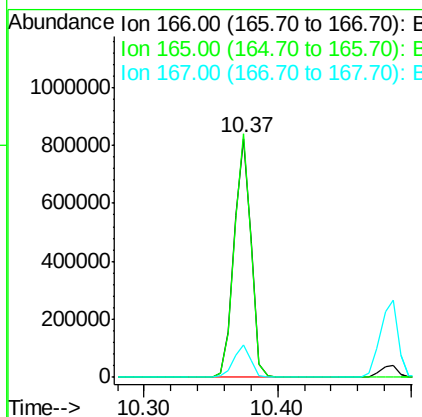
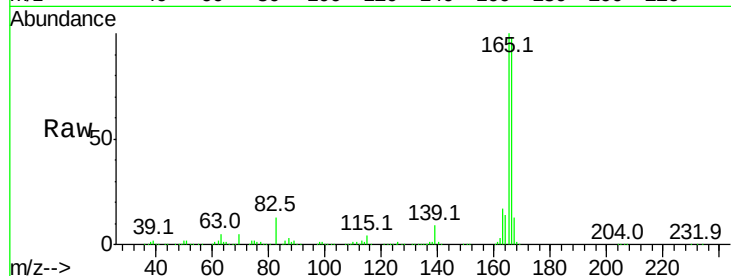




#57
 Fluorene
 Concen: 39.977 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

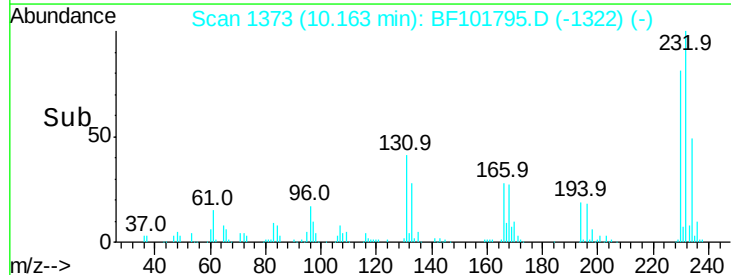
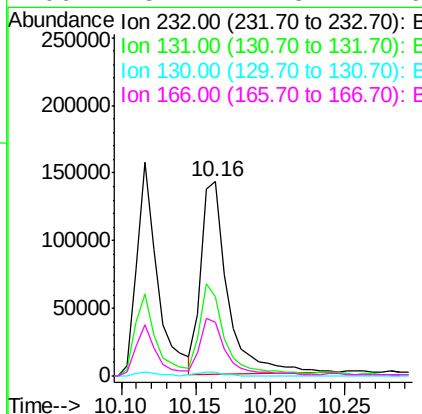
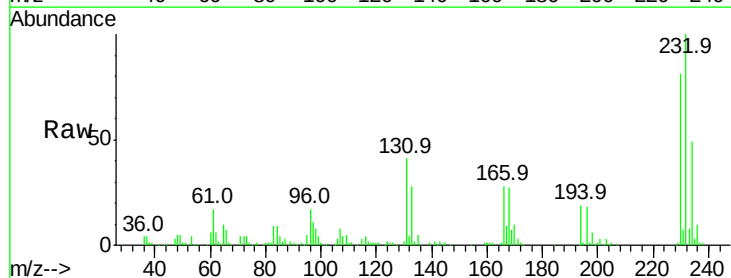
Instrument :
 BNA_F
 ClientSampleId :

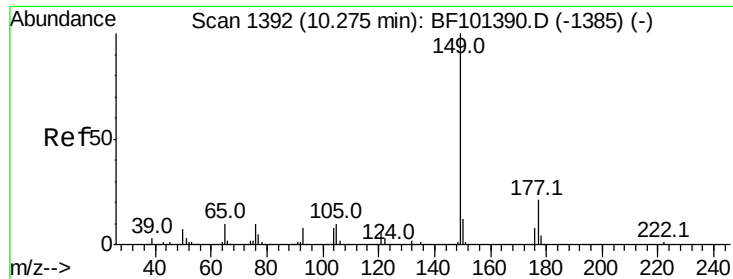
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.249 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.1	43.8	65.8
130	2.1	2.1	3.1
166	28.2	27.8	41.6





#59

Diethylphthalate

Concen: 38.585 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampled :

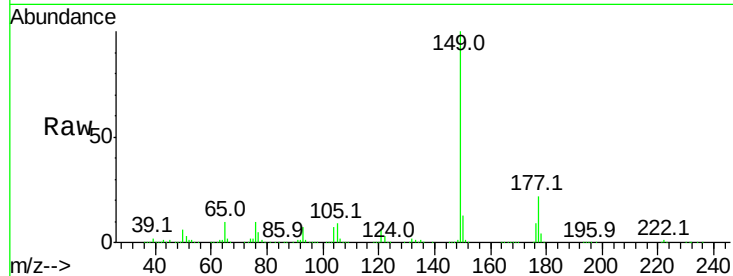
Tot Ion:149 Resp: 815391

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

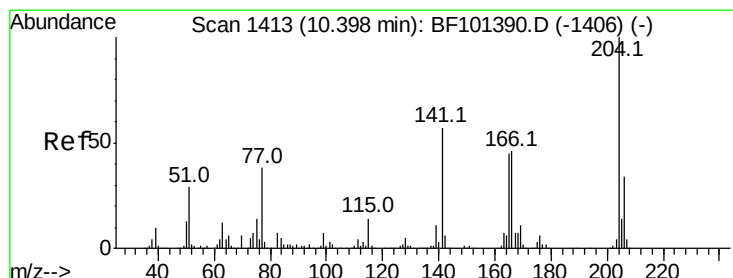
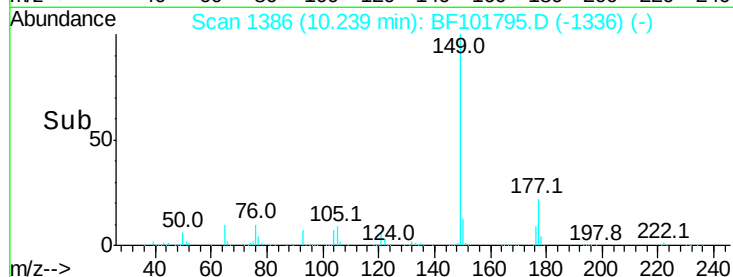
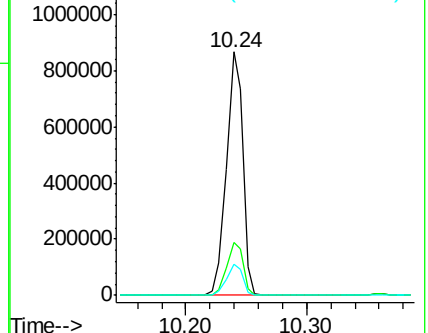
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.200 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

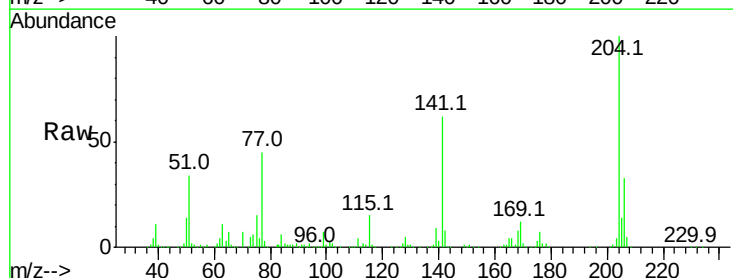
Tgt Ion:204 Resp: 362633

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

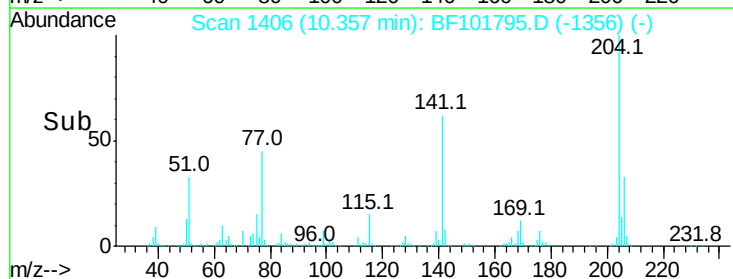
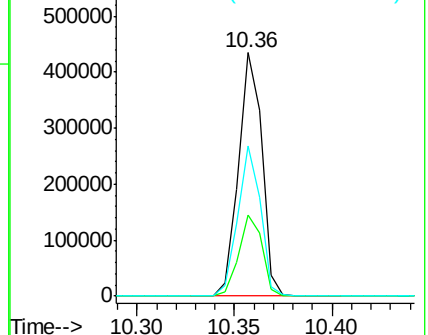
141 61.8 54.6 81.8

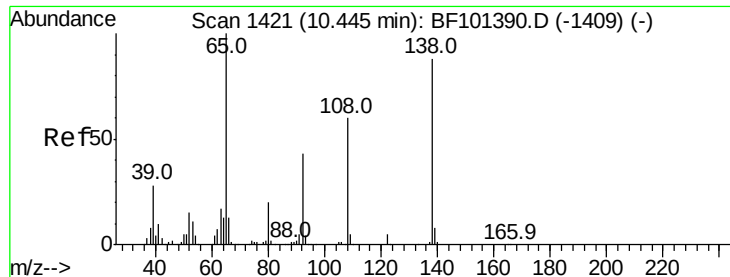


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.026 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampleId :

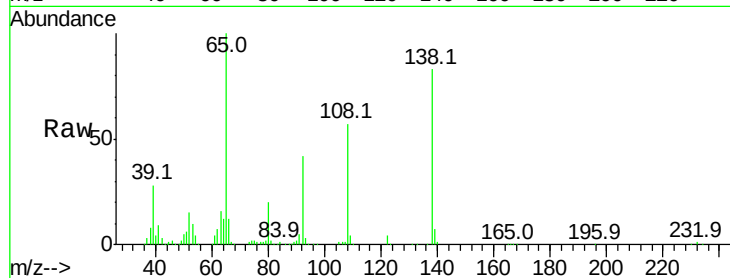
Tot Ion:138 Resp: 217549

Ion Ratio Lower Upper

138 100

92 50.7 30.2 70.2

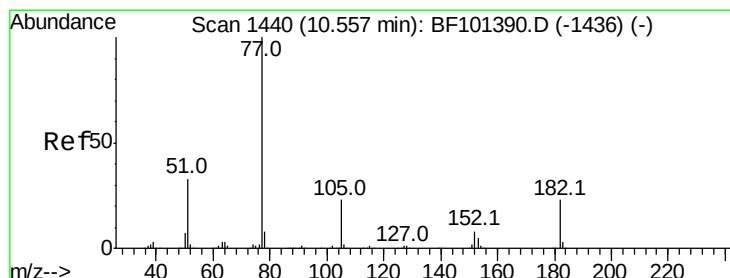
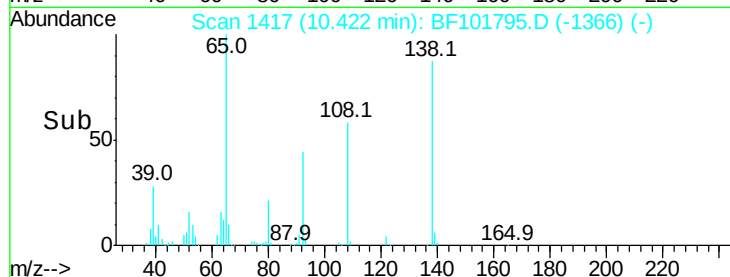
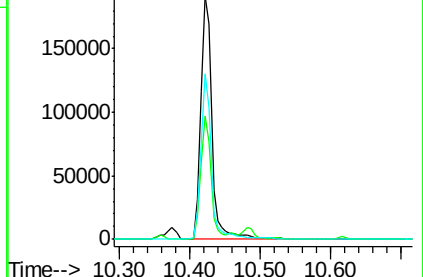
108 68.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.877 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Tgt Ion: 77 Resp: 785374

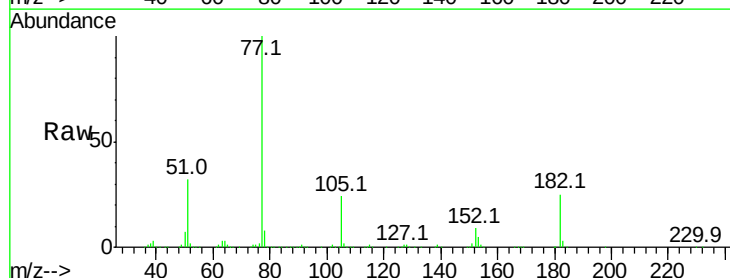
Ion Ratio Lower Upper

77 100

182 25.0 1.7 41.7

105 23.8 3.0 43.0

51 31.7 9.9 49.9

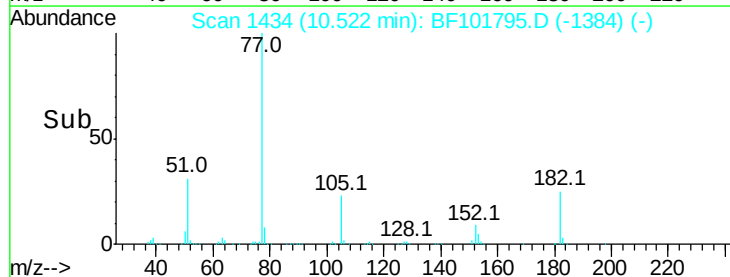
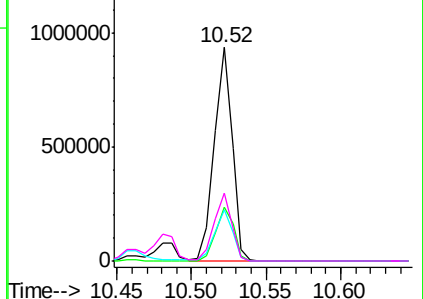


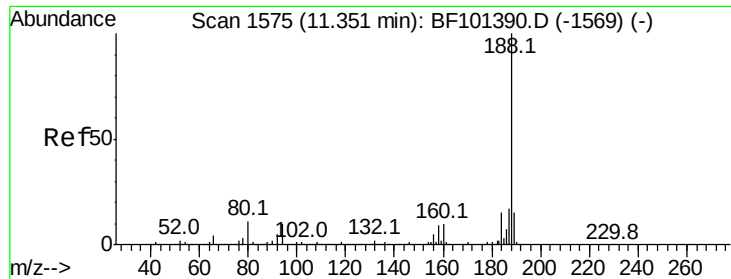
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

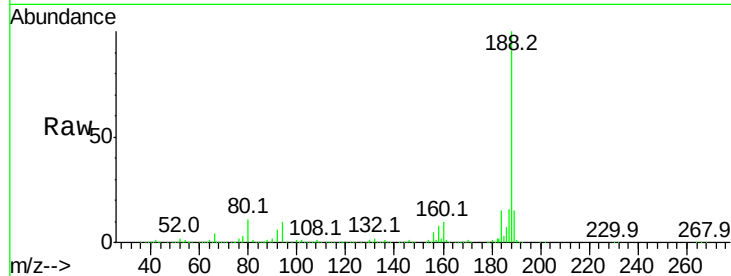




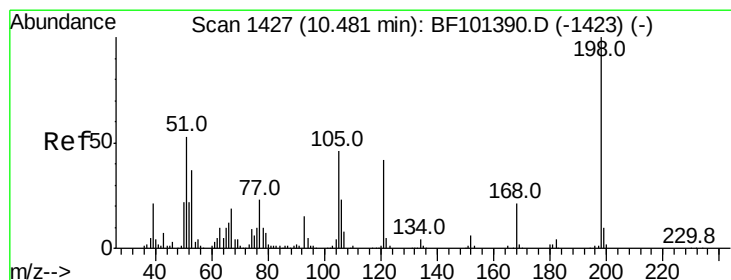
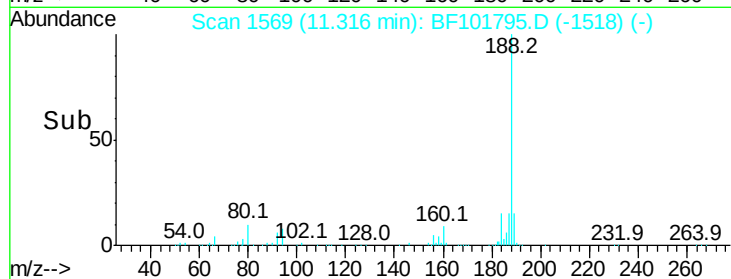
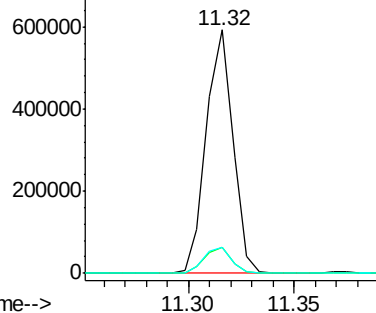
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 519548
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.8 9.2 13.8

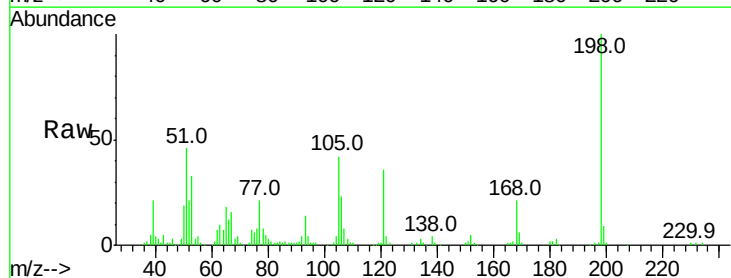


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

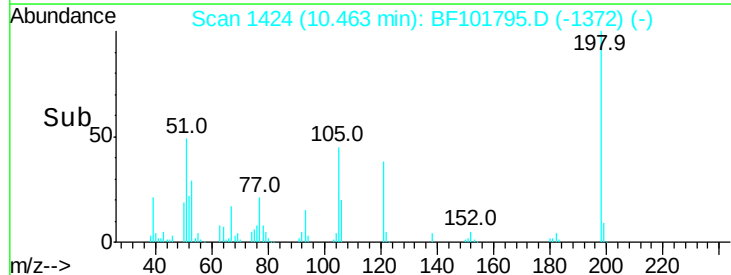
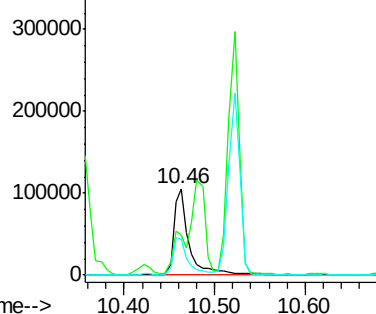


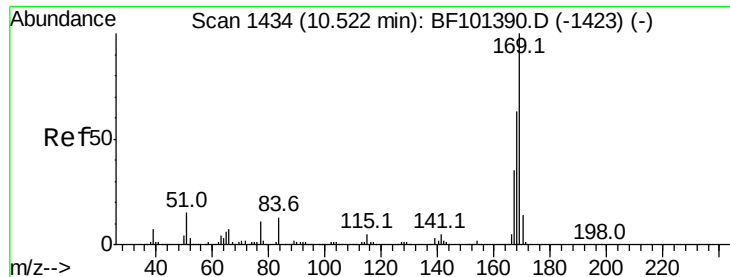
#64
4,6-Dinitro-2-methylphenol
Concen: 47.525 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:198 Resp: 126004
Ion Ratio Lower Upper
198 100
51 46.3 37.7 77.7
105 42.1 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.891 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampleId :

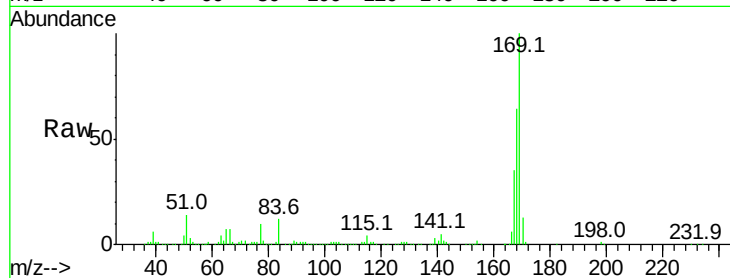
Tot Ion:169 Resp: 707718

Ion Ratio Lower Upper

169 100

168 63.9 54.4 81.6

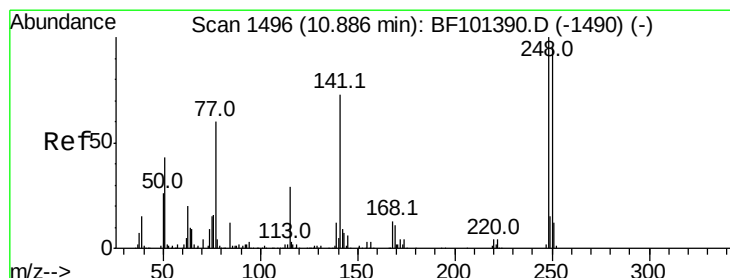
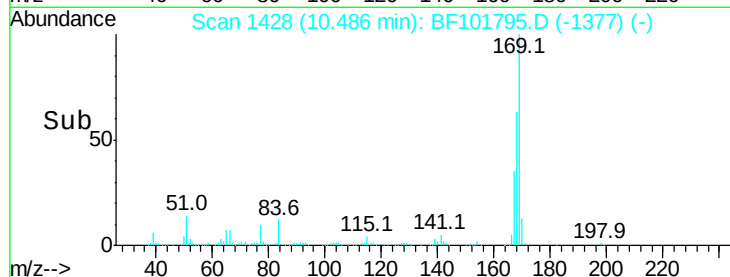
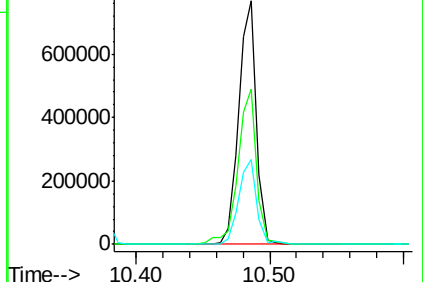
167 34.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.087 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

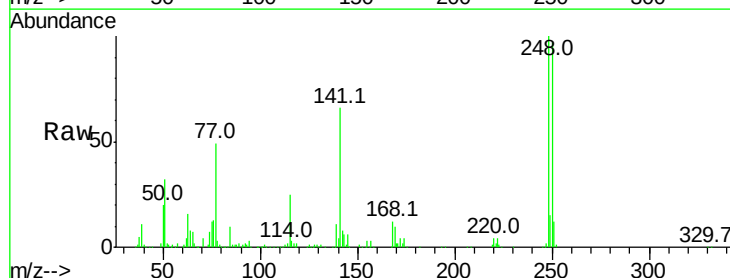
Tgt Ion:248 Resp: 228182

Ion Ratio Lower Upper

248 100

250 97.0 76.9 115.3

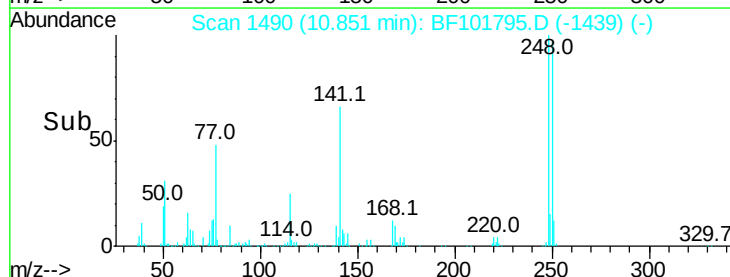
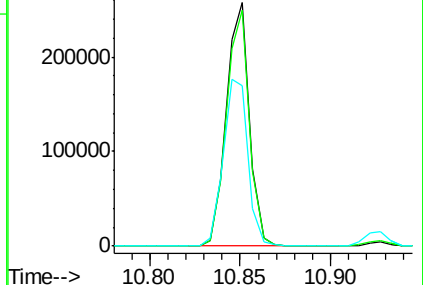
141 66.1 74.4 111.6#

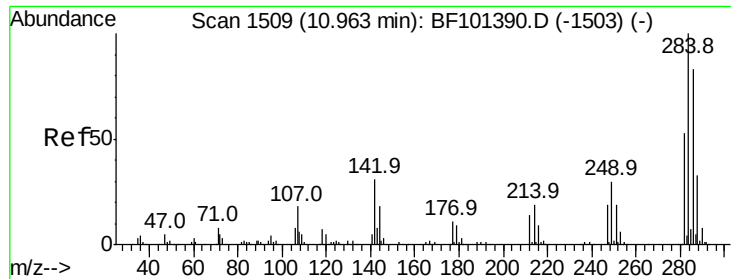


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

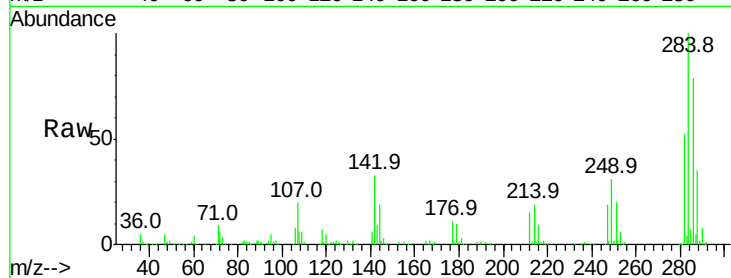




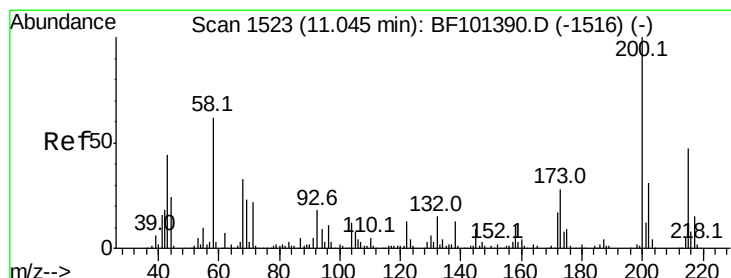
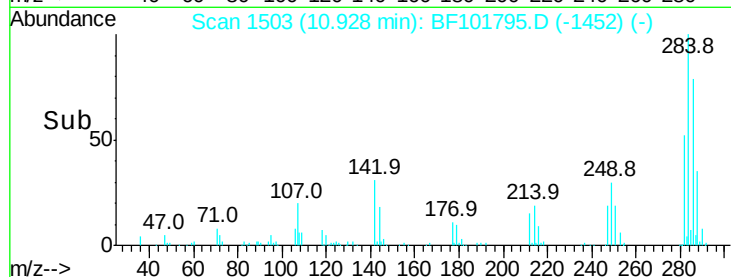
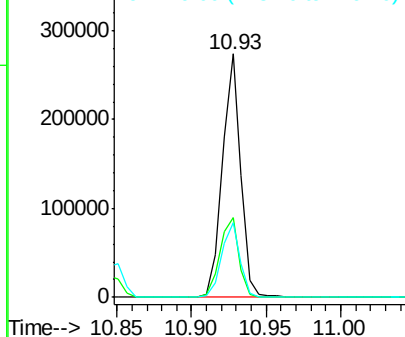
#67
Hexachlorobenzene
Concen: 38.312 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	34.6	52.0#
249	30.9	24.8	37.2

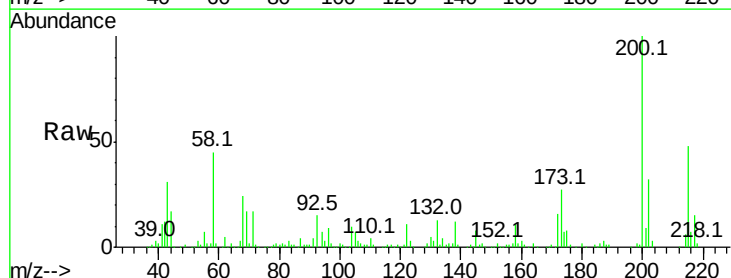


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

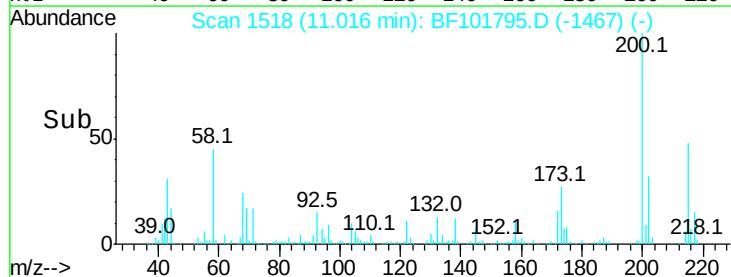
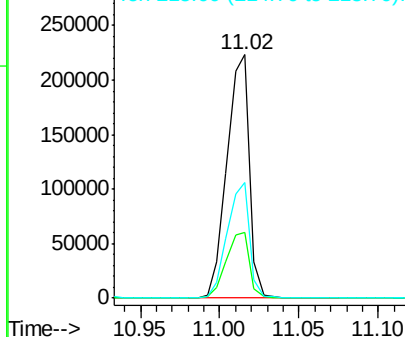


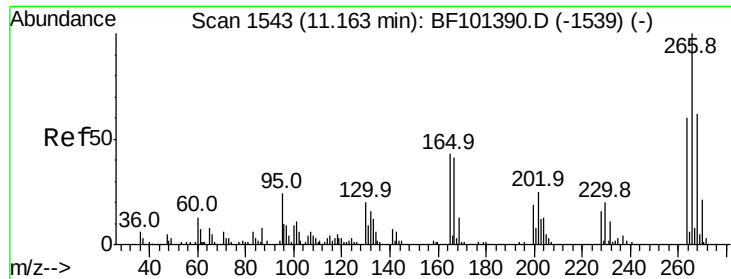
#68
Atrazine
Concen: 38.312 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	47.6	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

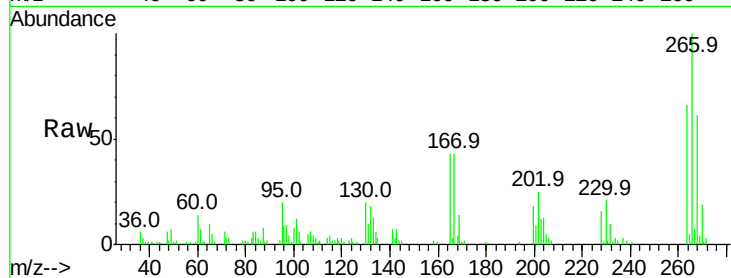




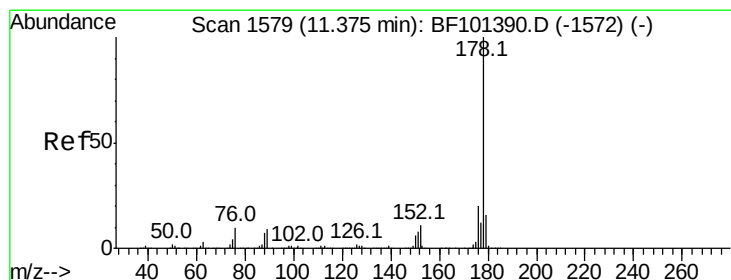
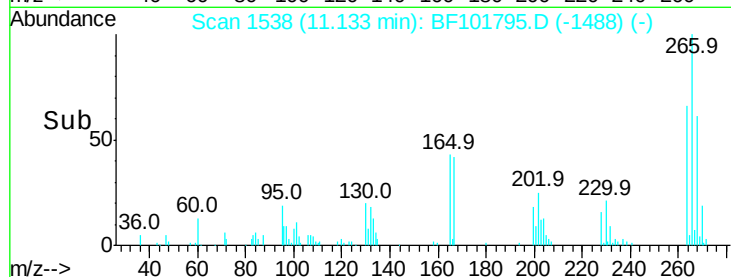
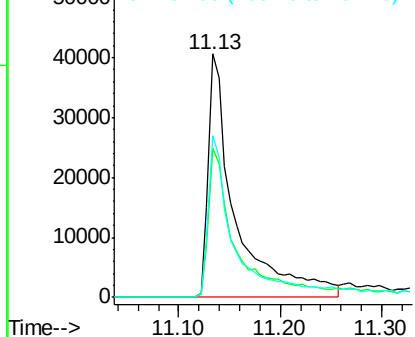
#69
 Pentachlorophenol
 Concen: 35.649 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 76140
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.1 76.7
 264 66.5 49.5 74.3

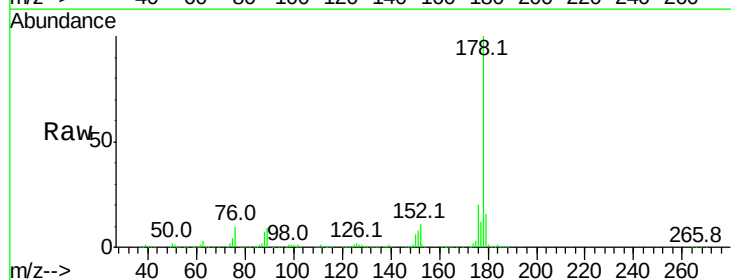


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

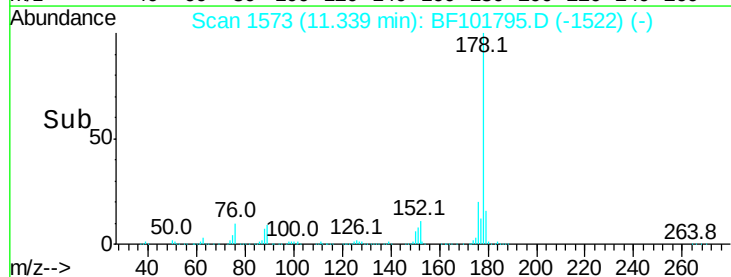
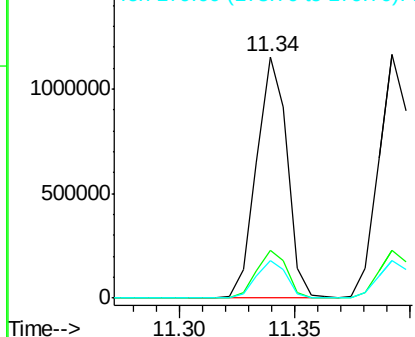


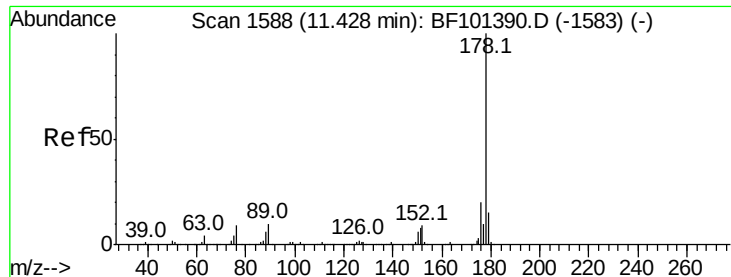
#70
 Phenanthrene
 Concen: 36.965 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion:178 Resp: 1068035
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.8 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

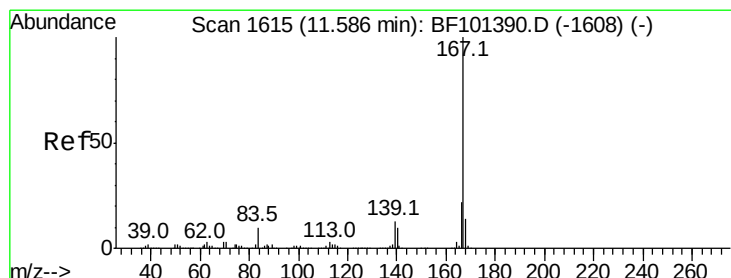
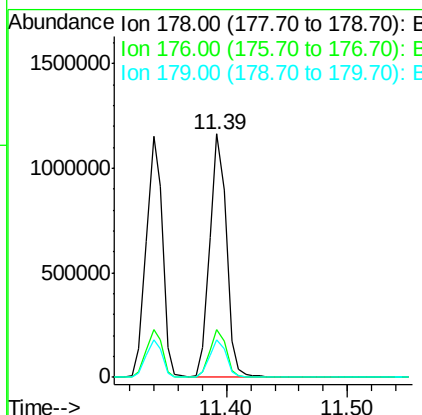
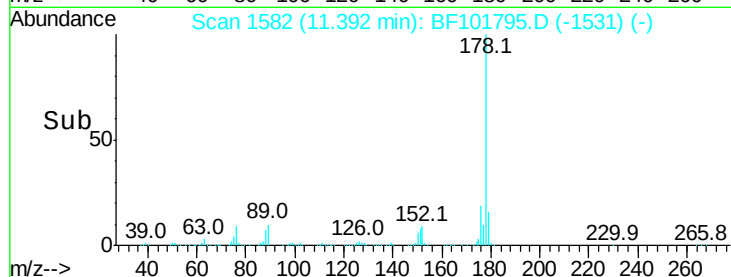
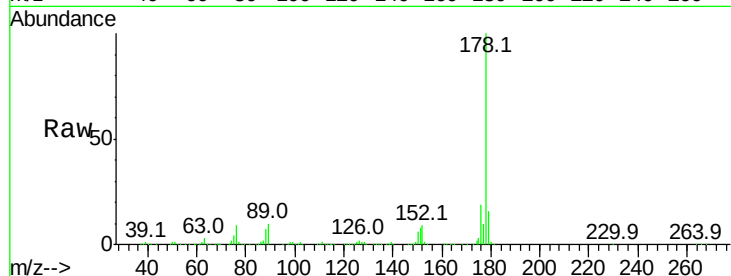




#71
 Anthracene
 Concen: 37.452 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

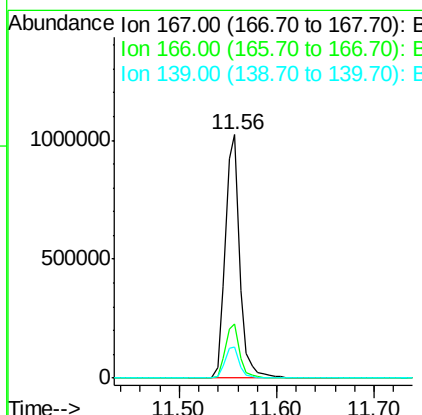
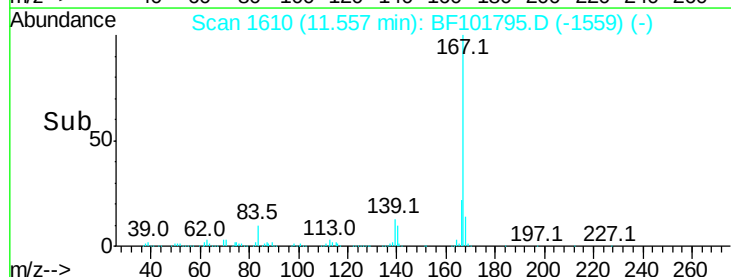
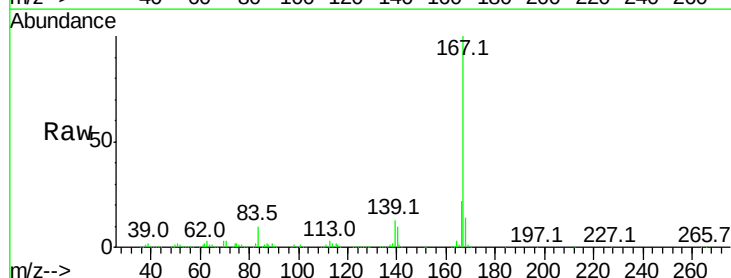
Instrument :
 BNA_F
 ClientSampleId :

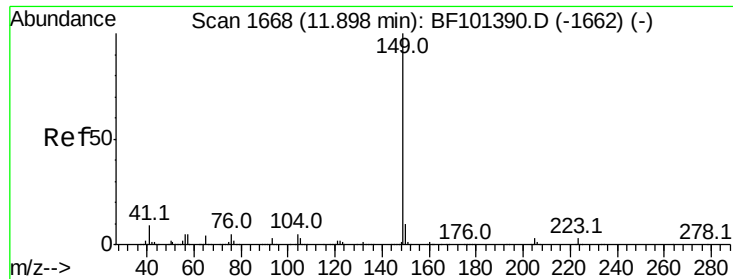
Tot Ion:178 Resp: 1105326
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 37.960 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion:167 Resp: 1048906
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.8 10.9 16.3

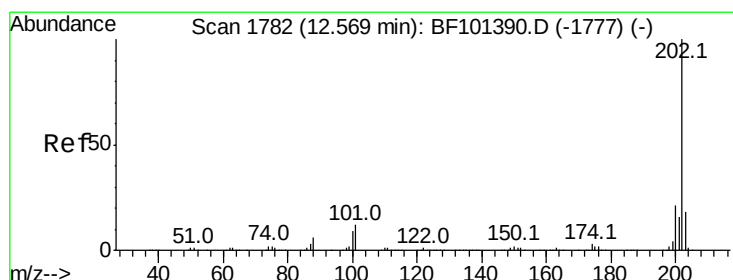
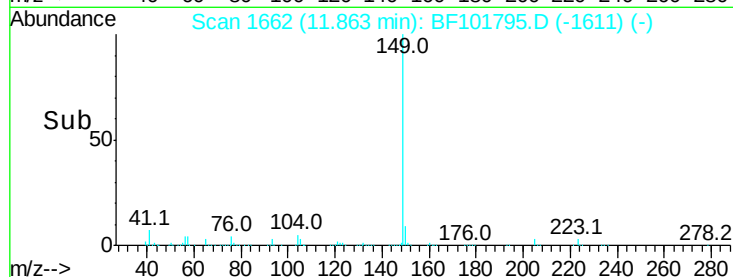
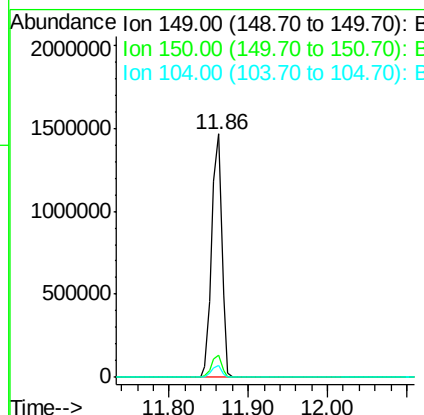
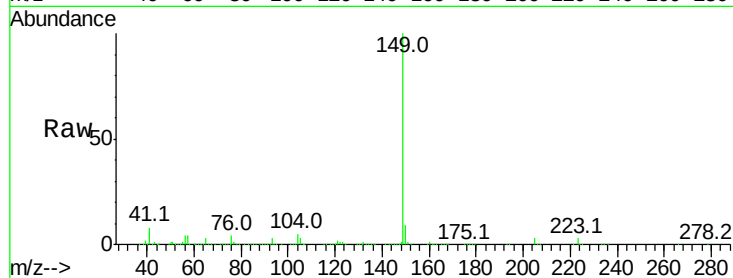




#73
Di-n-butylphthalate
Concen: 39.116 ng
RT: 11.86 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

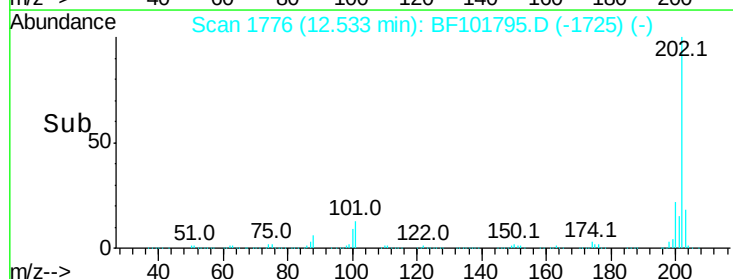
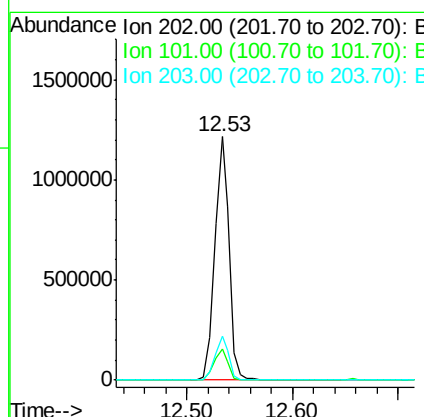
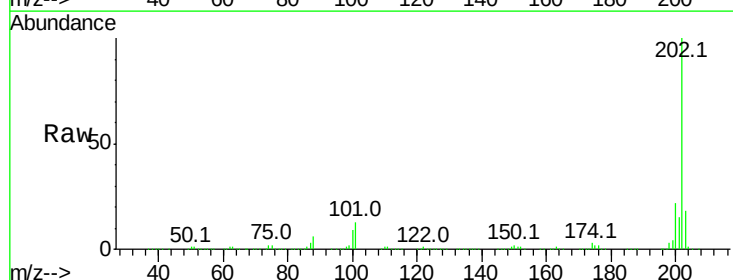
Instrument :
BNA_F
ClientSampleId :

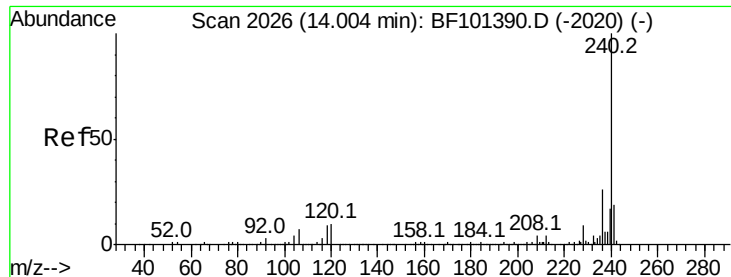
Tot Ion:149 Resp: 1311856
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 38.201 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:202 Resp: 1158513
Ion Ratio Lower Upper
202 100
101 12.8 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampleId :

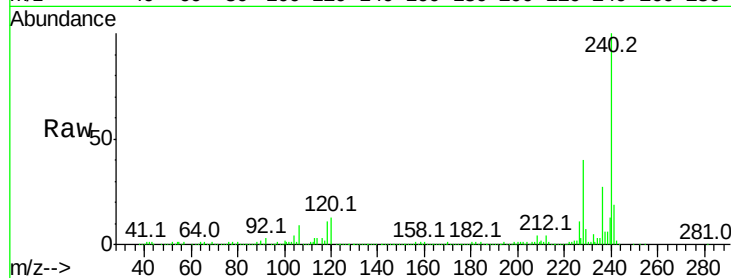
Tot Ion:240 Resp: 419782

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

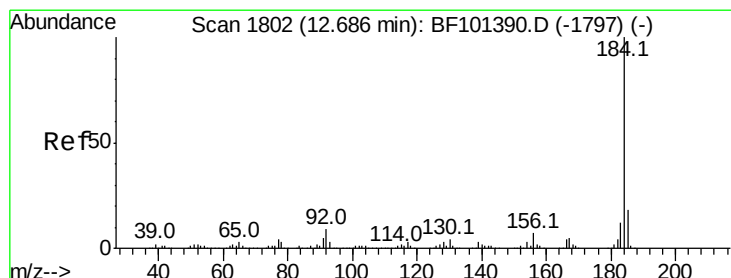
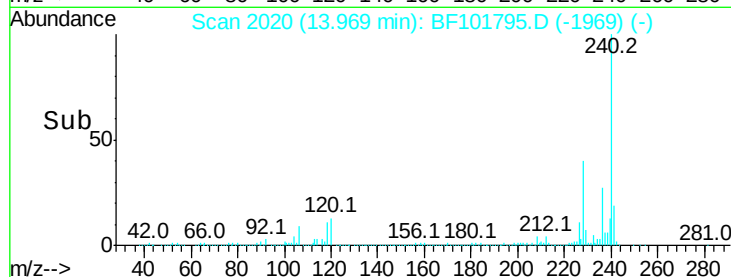
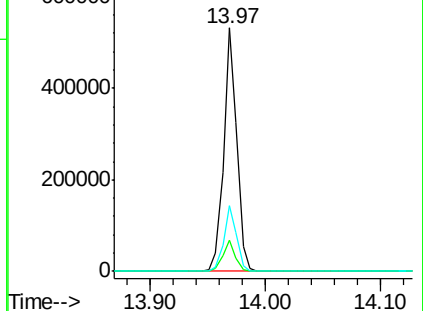
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.490 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

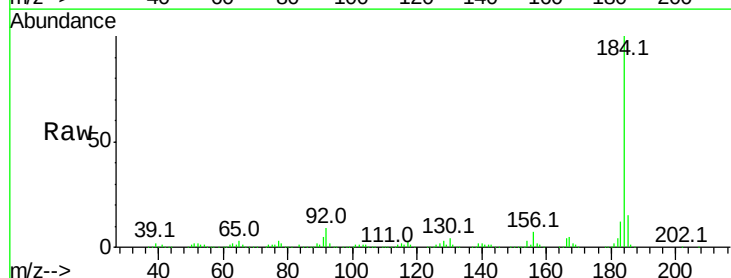
Tgt Ion:184 Resp: 788787

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

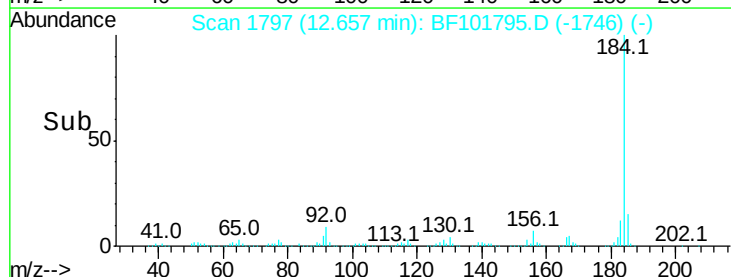
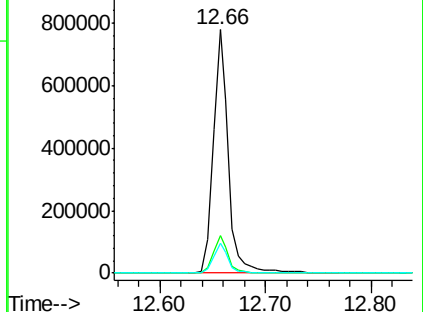
183 12.2 9.3 13.9

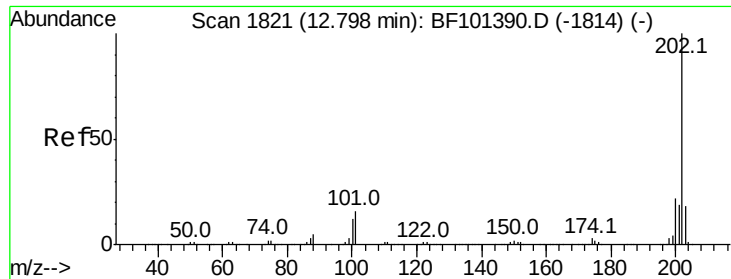


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



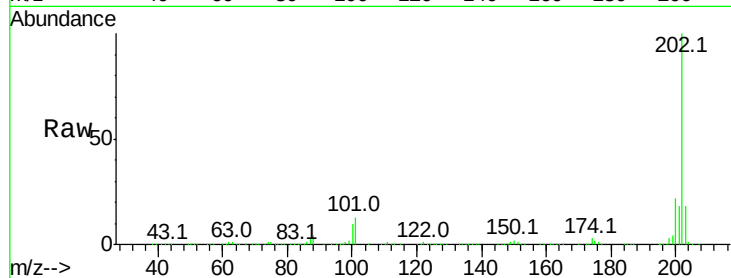


#77
 Pvrene
 Concen: 37.489 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

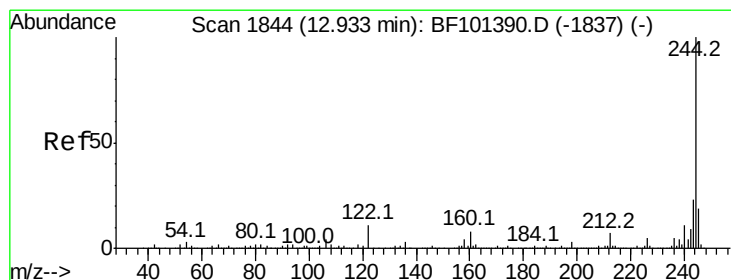
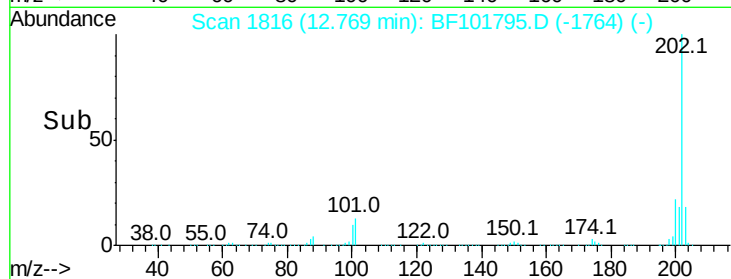
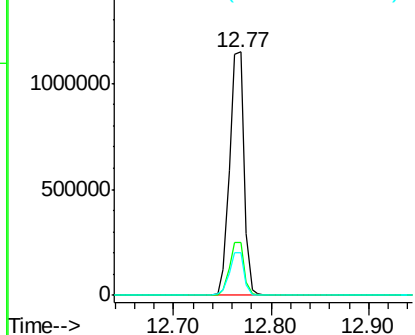
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1181085

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5



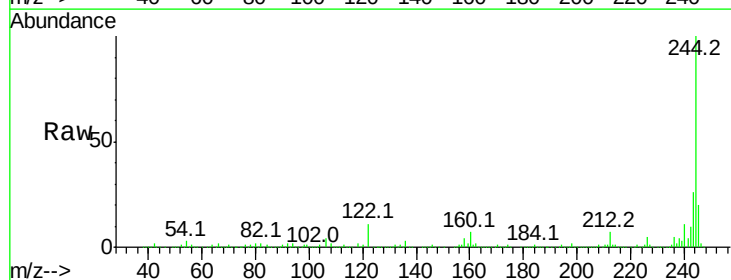
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



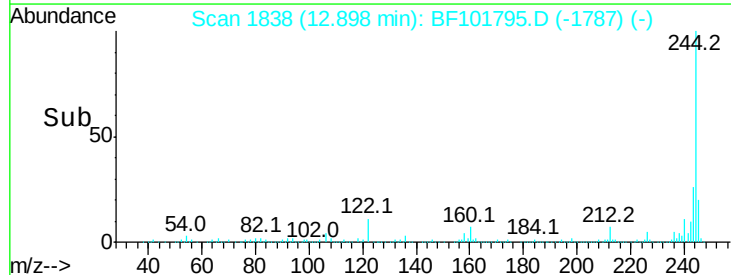
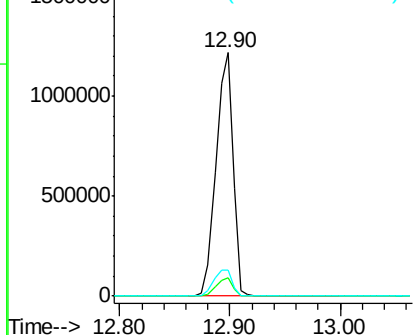
#78
 Terphenyl-d14
 Concen: 74.252 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

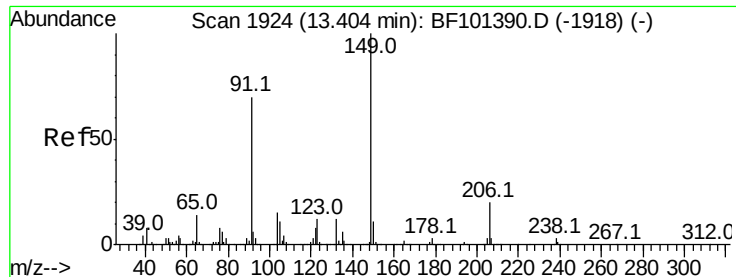
Tgt Ion:244 Resp: 1292927

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.6	11.0	16.4#



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





#79

Butylbenzylphthalate

Concen: 39.534 ng

RT: 13.36 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampled :

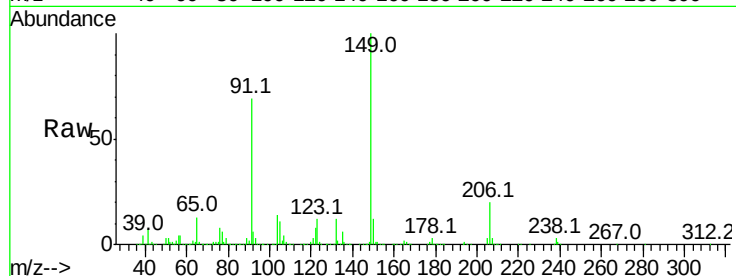
Tot Ion:149 Resp: 563555

Ion Ratio Lower Upper

149 100

91 69.1 56.8 85.2

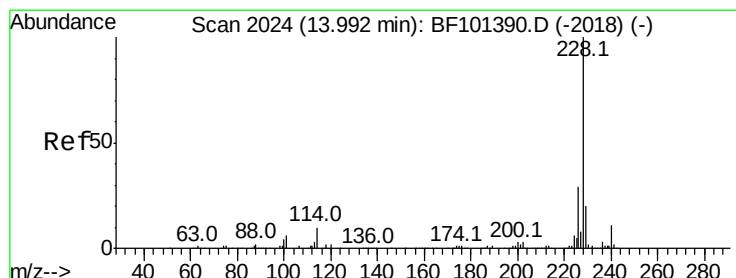
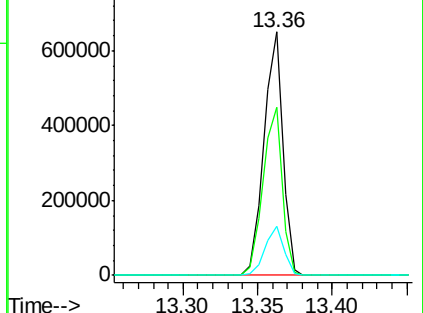
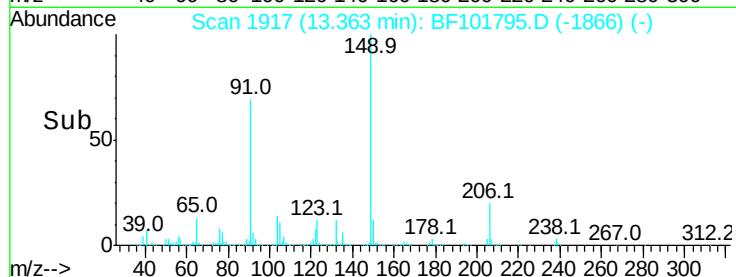
206 20.0 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.891 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

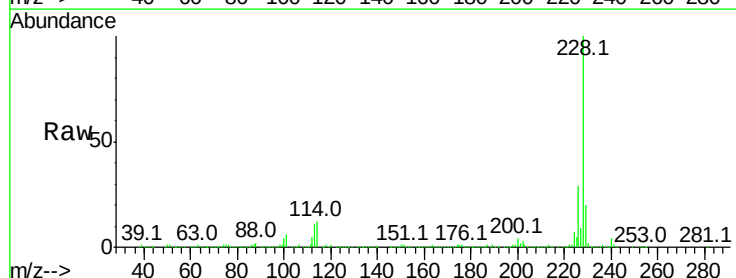
Tgt Ion:228 Resp: 1022576

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

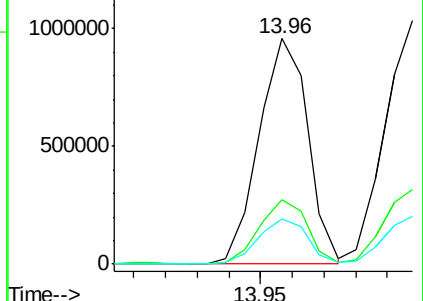
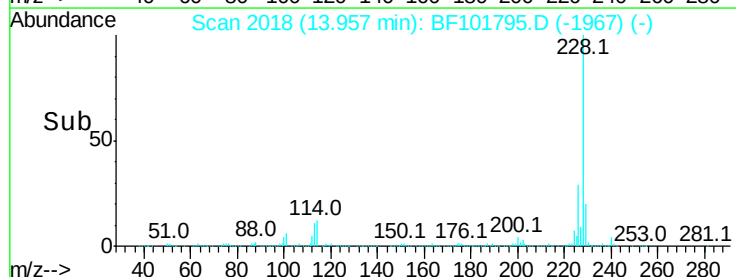
229 20.2 15.8 23.6

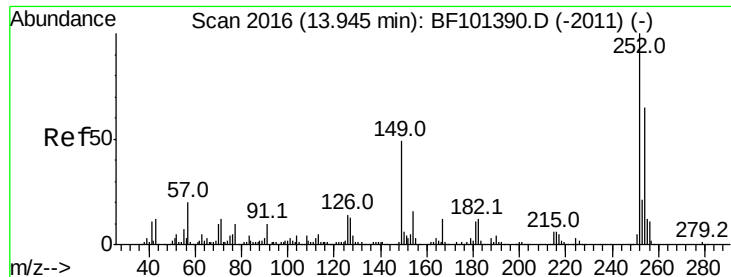


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

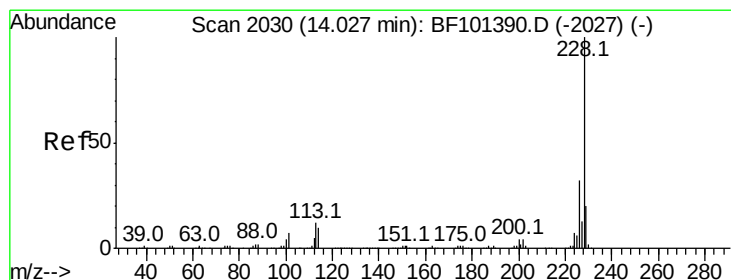
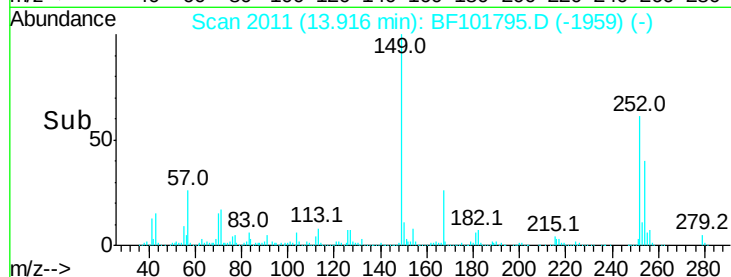
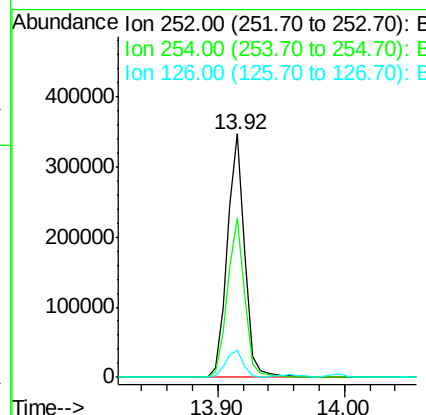
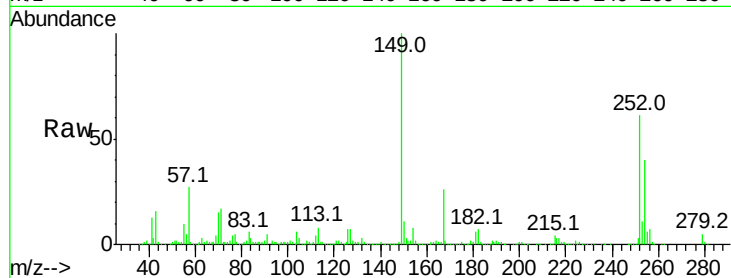




#81
 3,3'-Dichlorobenzidine
 Concen: 36.642 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

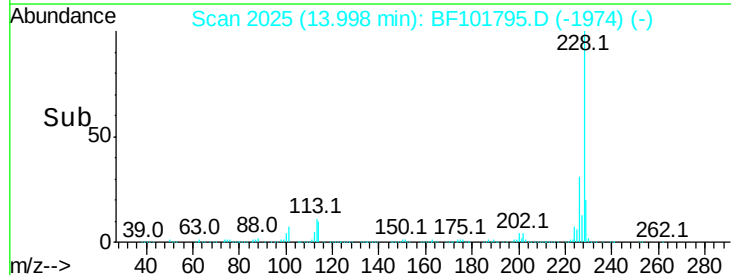
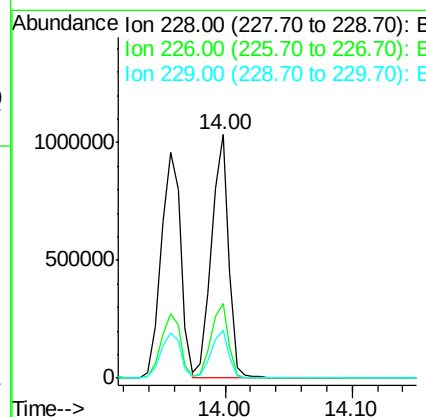
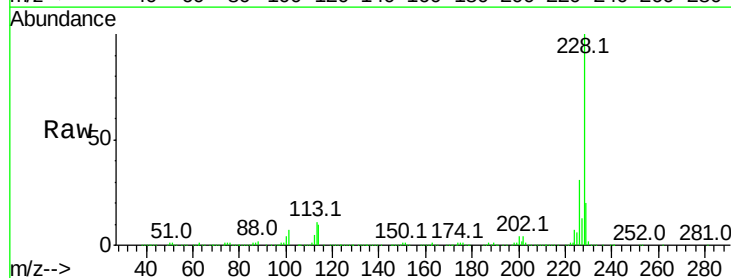
Instrument :
 BNA_F
 ClientSampleId :

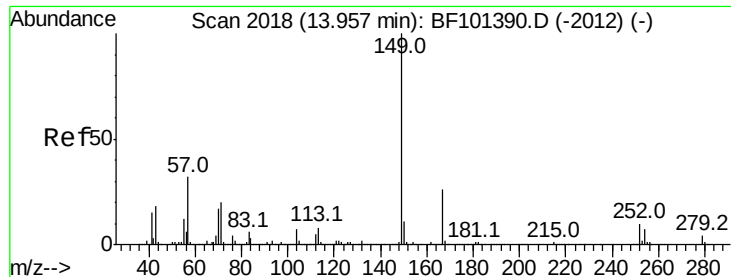
Tot Ion:252 Resp: 331179
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 11.3 11.3 16.9



#82
 Chrysene
 Concen: 37.574 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion:228 Resp: 983375
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.6 16.2 24.4

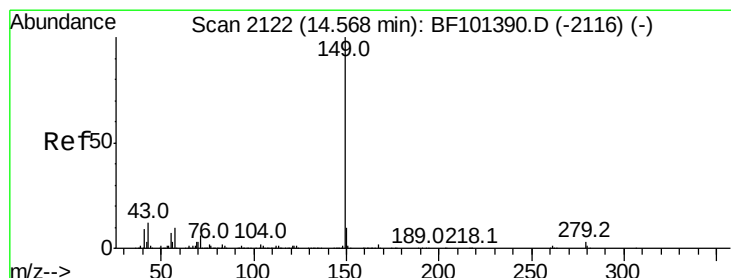
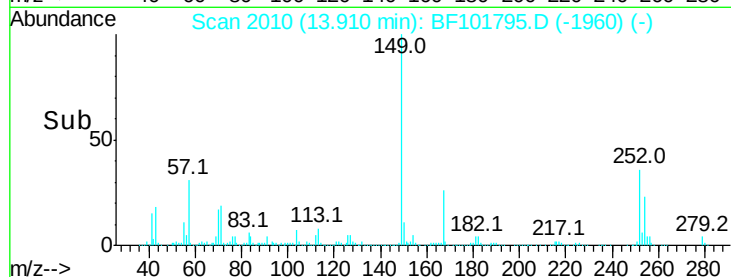
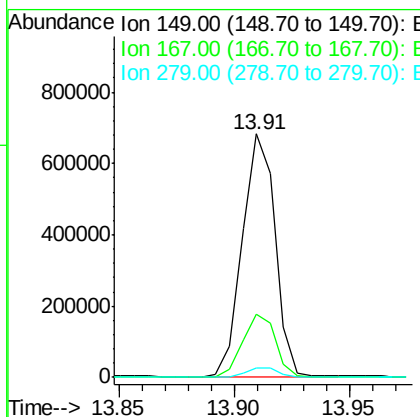
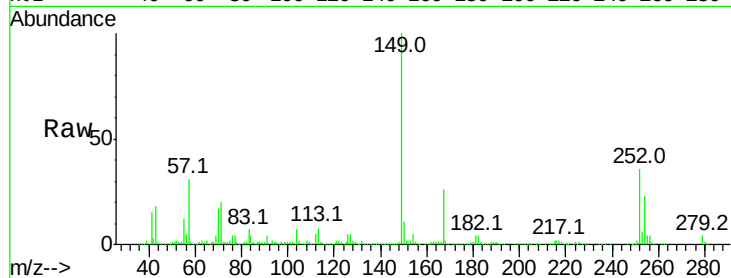




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.339 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

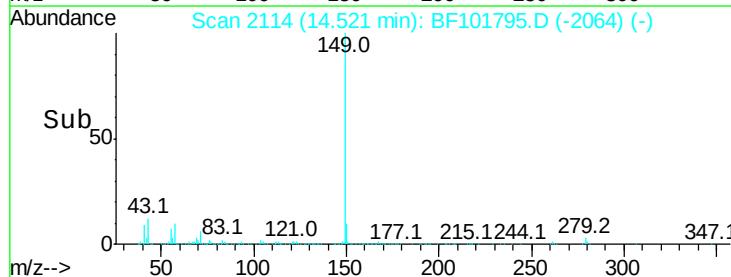
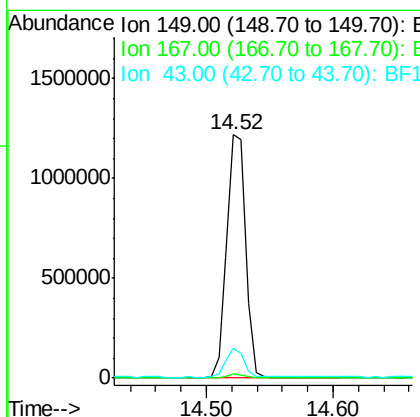
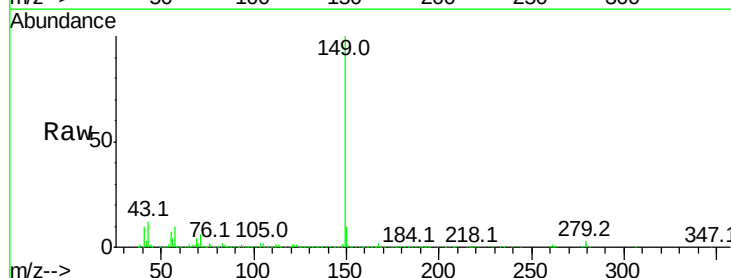
Instrument :
 BNA_F
 ClientSampleId :

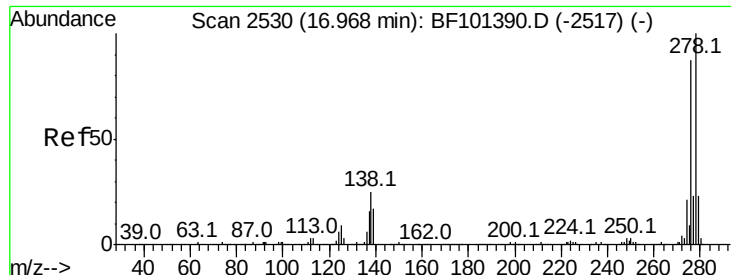
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.7	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 38.910 ng
 RT: 14.52 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	8.4	12.6

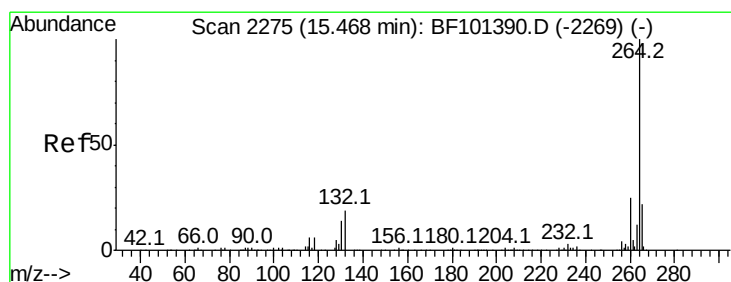
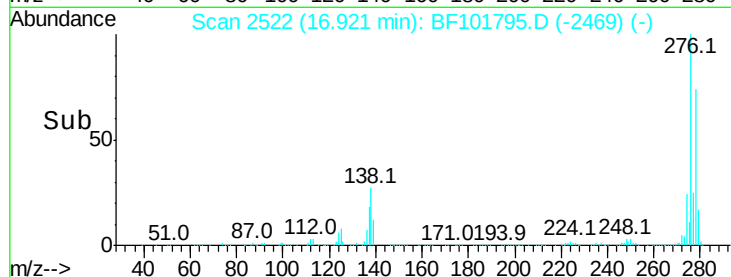
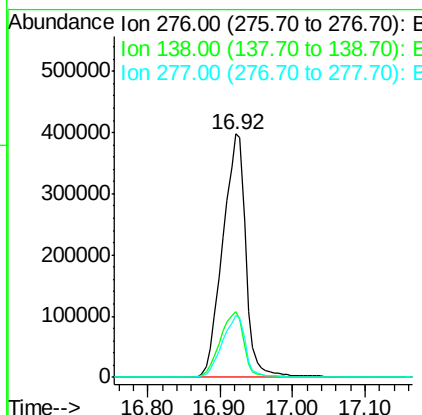
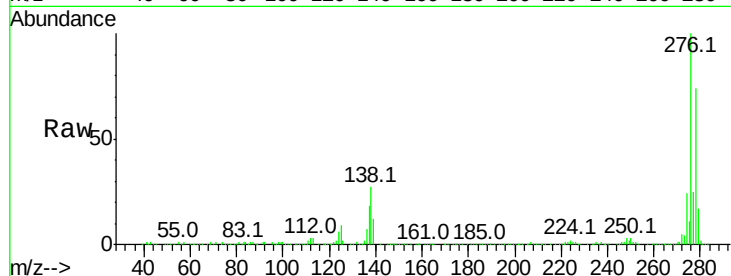




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.906 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

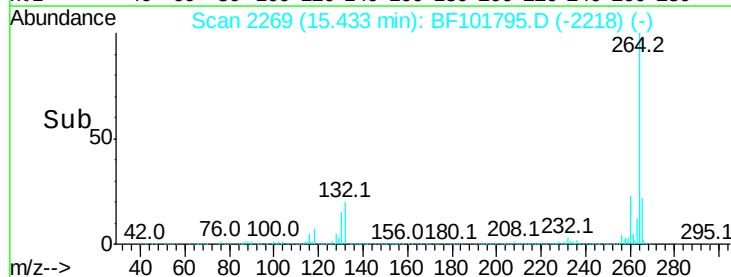
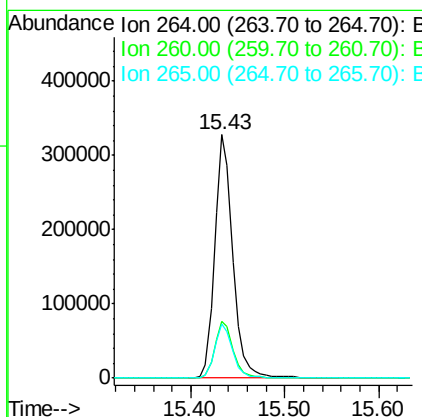
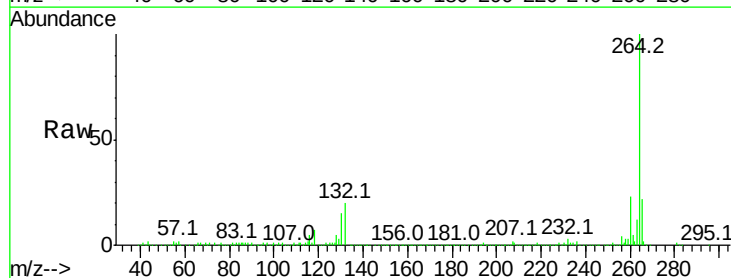
Instrument :
 BNA_F
 ClientSampled :

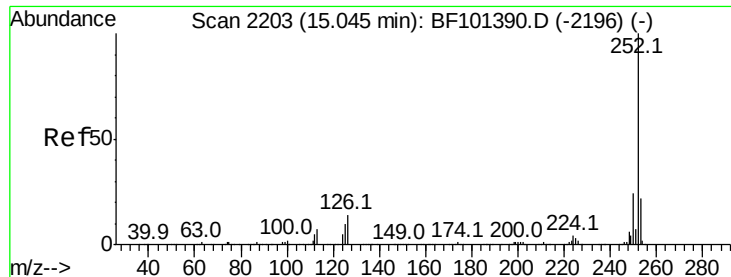
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF101795.D
 Acq: 28 Dec 2017 11:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.4	17.5	26.3

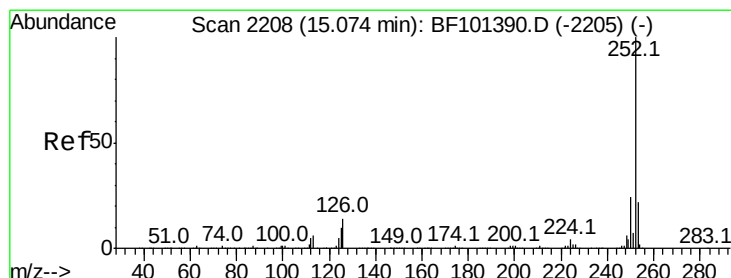
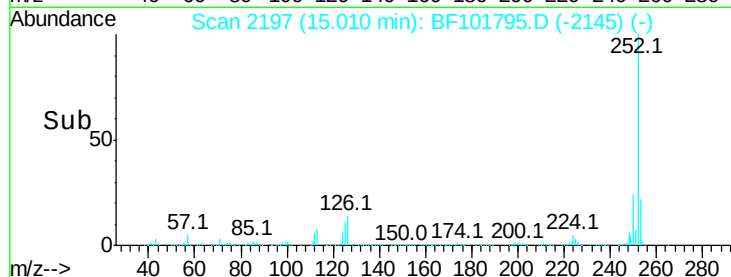
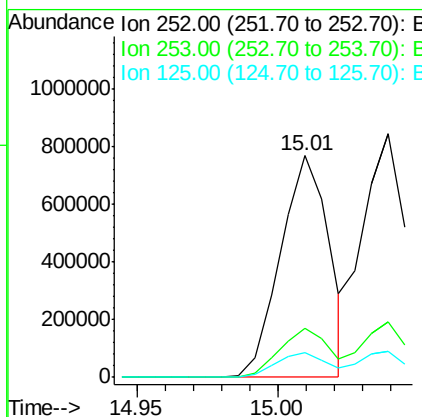
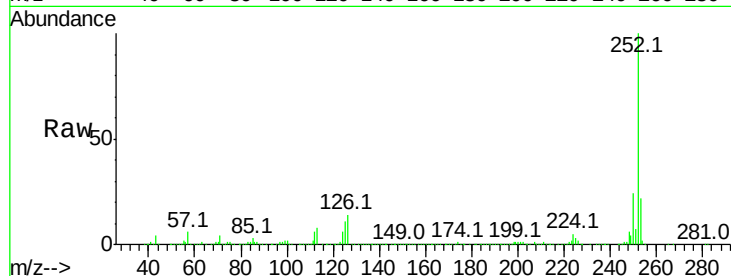




#87
Benzo(b)fluoranthene
Concen: 33.693 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

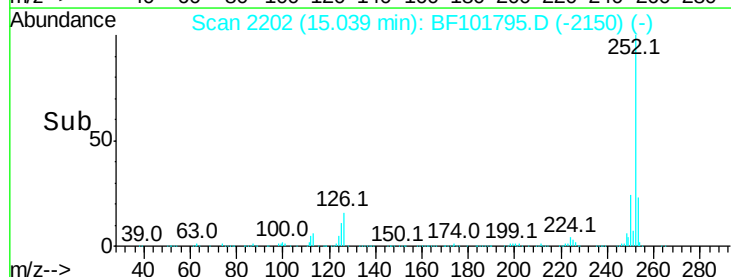
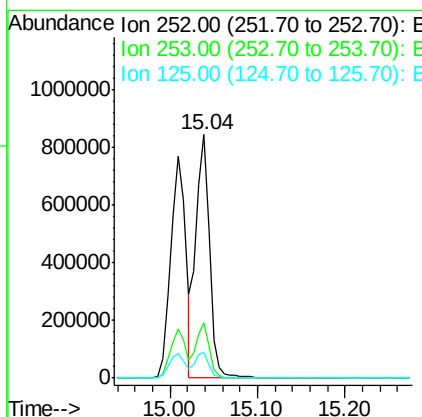
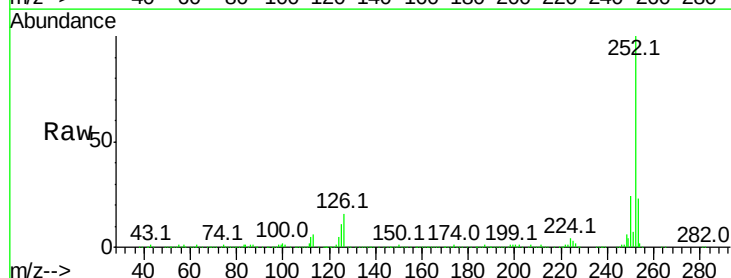
Instrument :
BNA_F
ClientSampleId :

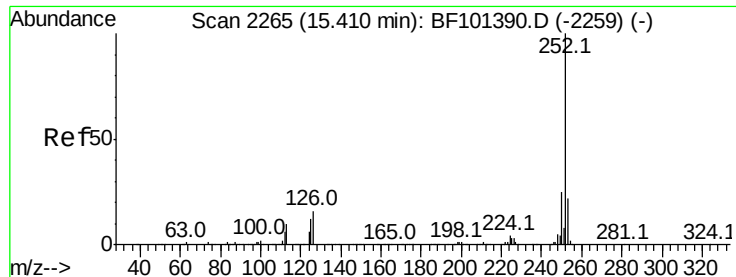
Tot Ion:252 Resp: 914273
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.198 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion:252 Resp: 928617
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.9 10.2 15.2

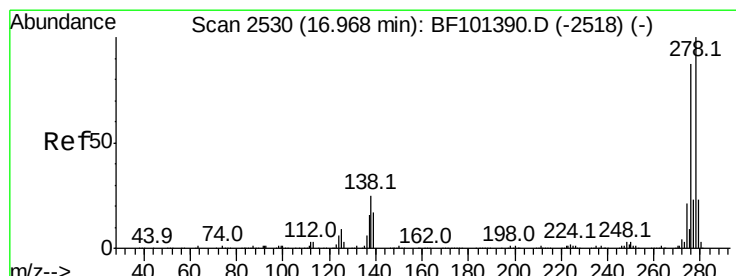
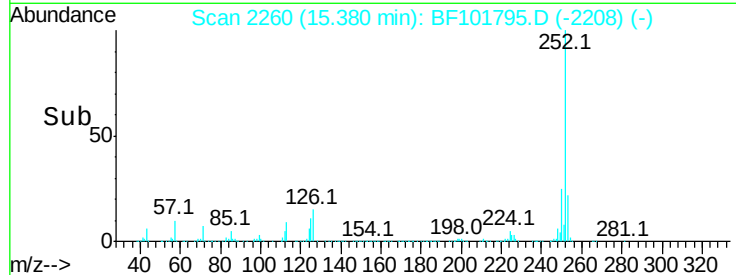
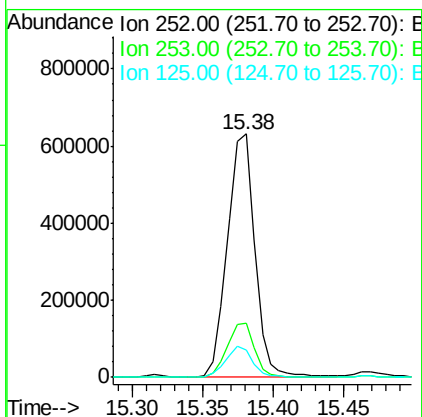
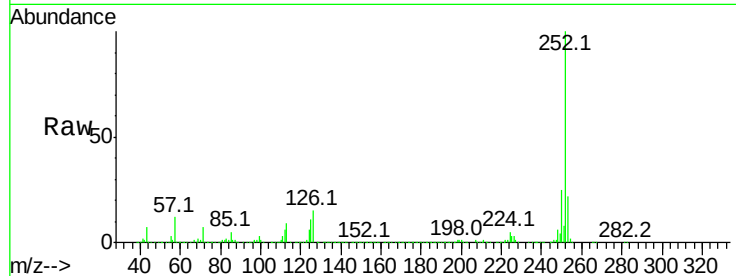




#89
Benzo(a)pyrene
Concen: 34.329 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

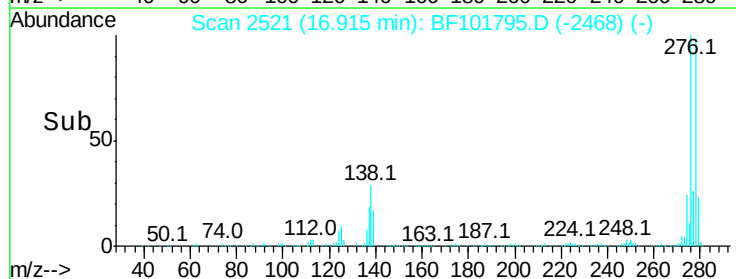
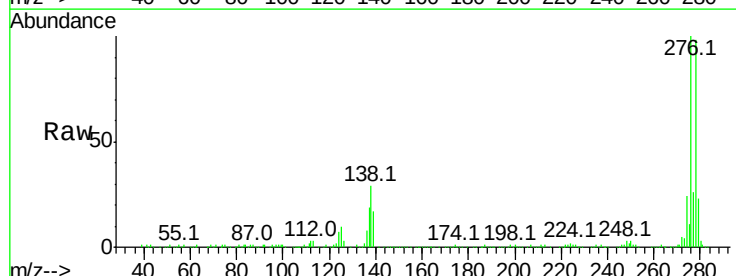
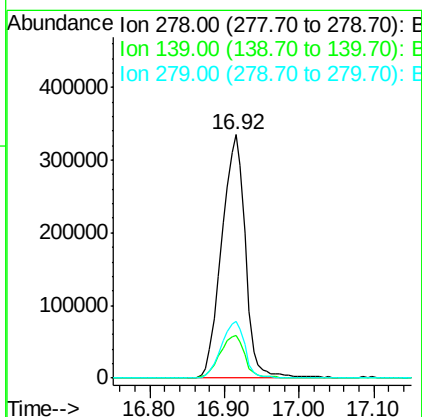
Instrument :
BNA_F
ClientSampleId :

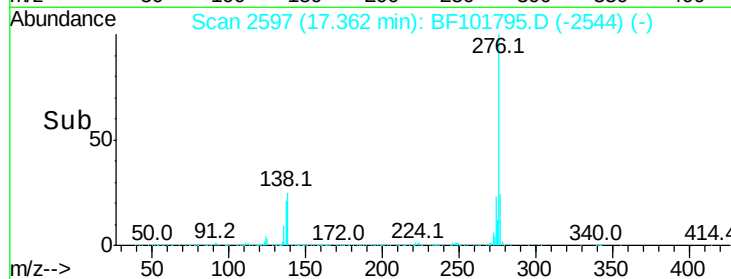
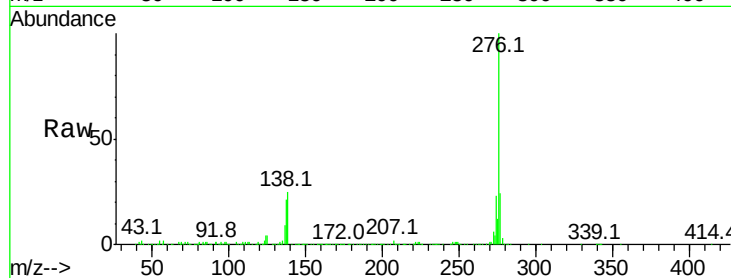
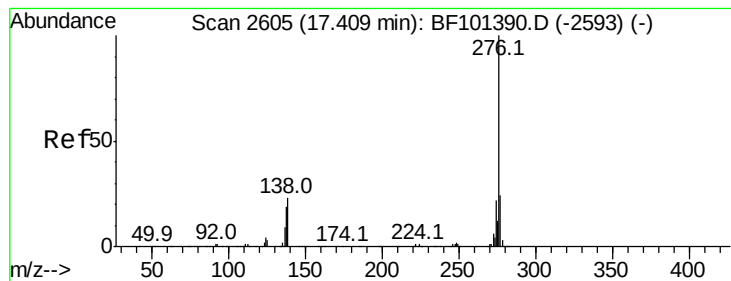
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.4	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 34.581 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101795.D
Acq: 28 Dec 2017 11:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.9	23.9
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 35.738 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.01 min

Lab File: BF101795.D

Acq: 28 Dec 2017 11:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 760033

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 25.2 21.8 32.8

