

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107797.D
 Acq On : 30 Jul 2018 13:28
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 30 13:52:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 13:05:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147420	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	630631	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	286823	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	600101	20.00	ng	0.00
75) Chrysene-d12	14.15	240	408575	20.00	ng	0.00
86) Perylene-d12	15.68	264	338433	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1042489	113.70	ng	0.00
7) Phenol-d6	6.61	99	1263938	114.80	ng	0.00
23) Nitrobenzene-d5	7.54	82	1197609	128.16	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	458478	140.57	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2301574	122.01	ng	0.00
78) Terphenyl-d14	13.08	244	2236188	140.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	235213	55.115	ng	# 78
3) Pyridine	3.60	79	597083	51.428	ng	# 83
4) n-Nitrosodimethylamine	3.58	42	160267	32.730	ng	94
6) Aniline	6.64	93	734651	51.737	ng	# 69
8) 2-Chlorophenol	6.76	128	618748	62.988	ng	98
9) Benzaldehyde	6.52	77	324613	45.084	ng	93
10) Phenol	6.62	94	687054	53.063	ng	85
11) bis(2-Chloroethyl)ether	6.70	93	682351	63.565	ng	96
12) 1,3-Dichlorobenzene	6.91	146	668013	59.979	ng	99
13) 1,4-Dichlorobenzene	6.98	146	748932	65.608	ng	100
14) 1,2-Dichlorobenzene	7.14	146	622156	60.732	ng	100
15) Benzyl Alcohol	7.11	79	433048	57.714	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	949217	52.414	ng	64
17) 2-Methylphenol	7.22	107	474334	56.812	ng	# 82
18) Hexachloroethane	7.47	117	251896	62.913	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	410259	57.682	ng	98
20) 3+4-Methylphenols	7.38	107	614783	62.011	ng	# 68
22) Acetophenone	7.38	105	842277	56.871	ng	# 85
24) Nitrobenzene	7.55	77	657313	61.415	ng	99
25) Isophorone	7.78	82	1028164	51.532	ng	99
26) 2-Nitrophenol	7.87	139	367628	81.339	ng	98
27) 2,4-Dimethylphenol	7.90	122	459647	53.727	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	713830	53.536	ng	99
29) 2,4-Dichlorophenol	8.11	162	536773	61.385	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	582600	59.320	ng	99
31) Naphthalene	8.27	128	1578627	56.925	ng	99
32) Benzoic acid	8.05	122	306630	58.507	ng	96
33) 4-Chloroaniline	8.32	127	758335	62.564	ng	98
34) Hexachlorobutadiene	8.37	225	344544	59.038	ng	99
35) Caprolactam	8.72	113	153241	53.878	ng	# 85
36) 4-Chloro-3-methylphenol	8.81	107	565801	58.249	ng	98
37) 2-Methylnaphthalene	8.96	142	1108789	57.699	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	596900	62.393	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	242175	49.798	ng	98

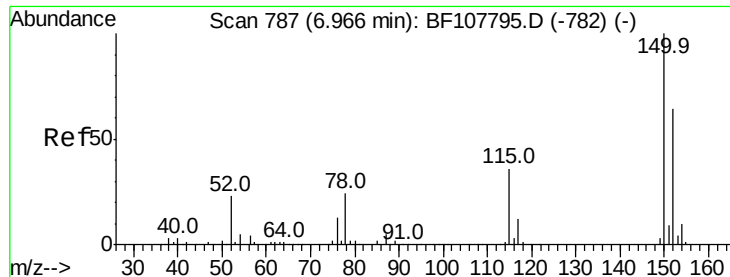
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	362785	59.245	ng	100
43) 2,4,5-Trichlorophenol	9.30	196	423668	66.199	ng	94
45) 1,1'-Biphenyl	9.42	154	1530962	61.274	ng	98
46) 2-Chloronaphthalene	9.45	162	1174262	61.485	ng	99
47) 2-Nitroaniline	9.56	65	387533	69.603	ng	87
48) Acenaphthylene	9.87	152	1696880	59.147	ng	99
49) Dimethylphthalate	9.72	163	1268243	58.669	ng	100
50) 2,6-Dinitrotoluene	9.80	165	287306	66.943	ng	# 89
51) Acenaphthene	10.04	154	982671	54.667	ng	99
52) 3-Nitroaniline	9.98	138	353331	67.672	ng	99
53) 2,4-Dinitrophenol	10.09	184	136277	98.486	ng	# 34
54) Dibenzofuran	10.22	168	1546844	58.452	ng	99
55) 4-Nitrophenol	10.15	139	144322	36.919	ng	95
56) 2,4-Dinitrotoluene	10.21	165	362409	69.955	ng	# 92
57) Fluorene	10.56	166	1189722	63.017	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	329513	61.864	ng	91
59) Diethylphthalate	10.42	149	1299264	57.550	ng	96
60) 4-Chlorophenyl-phenylether	10.54	204	651501	61.041	ng	95
61) 4-Nitroaniline	10.61	138	315973	72.030	ng	95
62) Azobenzene	10.71	77	1218694	57.568	ng	94
64) 4,6-Dinitro-2-methylphenol	10.62	198	208064	82.829	ng	95
65) n-Nitrosodiphenylamine	10.67	169	1122371	55.070	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	394488	55.843	ng	92
67) Hexachlorobenzene	11.11	284	443413	57.047	ng	# 86
68) Atrazine	11.19	200	331876	53.333	ng	95
69) Pentachlorophenol	11.31	266	246332	50.738	ng	99
70) Phenanthrene	11.53	178	1616304	55.271	ng	98
71) Anthracene	11.58	178	1818600	61.766	ng	99
72) Carbazole	11.74	167	1852491	60.504	ng	99
73) Di-n-butylphthalate	12.04	149	1941104	56.001	ng	98
74) Fluoranthene	12.72	202	1828486	58.269	ng	96
76) Benzidine	12.85	184	726496	61.744	ng	96
77) Pyrene	12.95	202	1804043	64.552	ng	99
79) Butylbenzylphthalate	13.55	149	783278	65.171	ng	95
80) Benzo(a)anthracene	14.14	228	1321211	55.181	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	481706	63.537	ng	# 93
82) Chrysene	14.18	228	1468920	63.866	ng	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	917356	54.095	ng	98
84) Di-n-octyl phthalate	14.72	149	1456339	55.249	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	1191153	61.106	ng	# 93
87) Benzo(b)fluoranthene	15.23	252	994795	53.709	ng	98
88) Benzo(k)fluoranthene	15.26	252	1175542	64.781	ng	# 97
89) Benzo(a)pyrene	15.62	252	985139	58.145	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	983638	67.162	ng	# 95
91) Benzo(g,h,i)perylene	17.75	276	1004870	69.559	ng	# 91

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

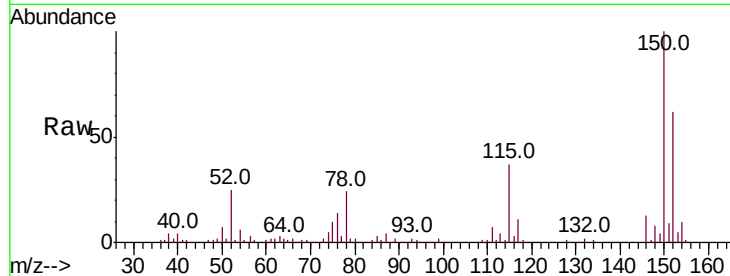


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	59.2	50.1	75.1

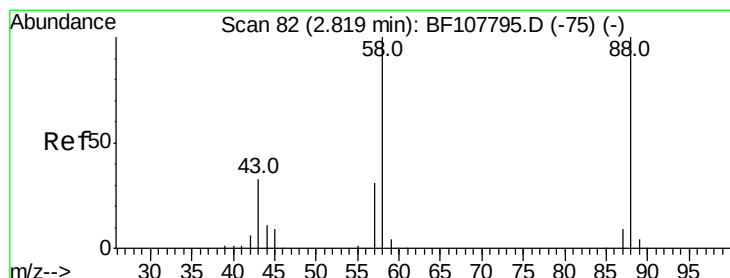
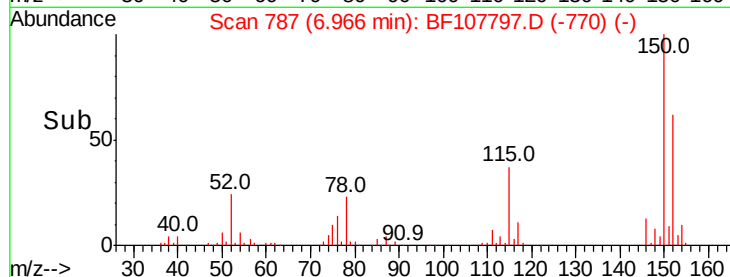
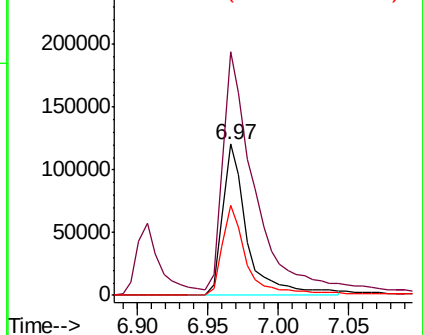


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

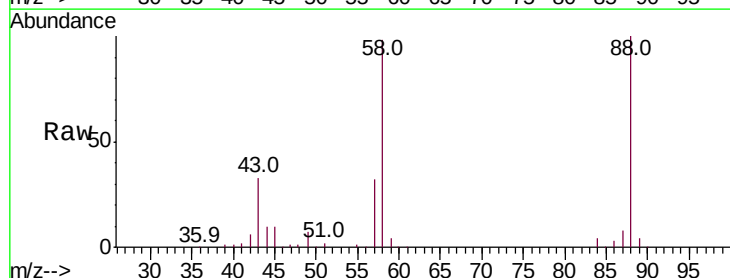
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 55.115 ng
RT: 2.81 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.5	62.6	93.8#
43	34.1	24.6	37.0

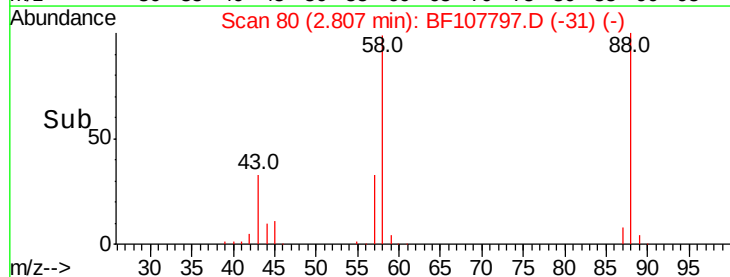
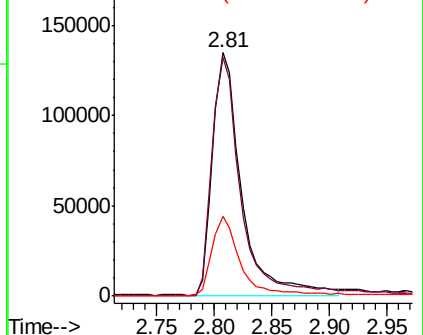


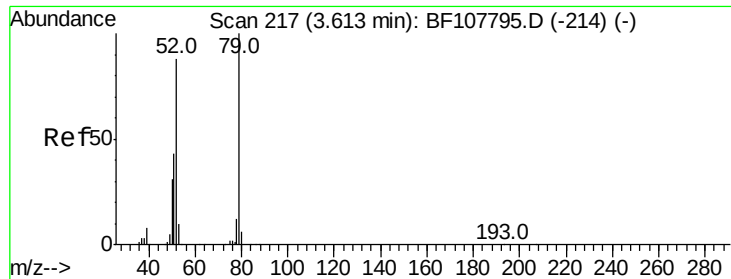
Abundance

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: 51.428 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

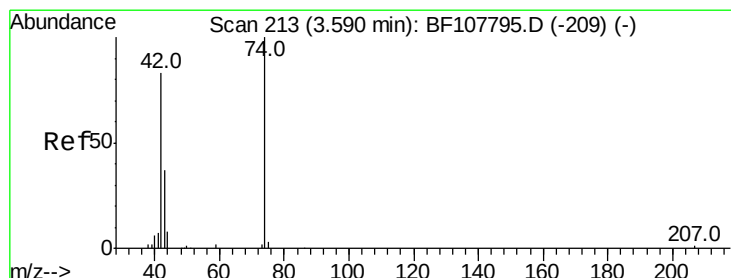
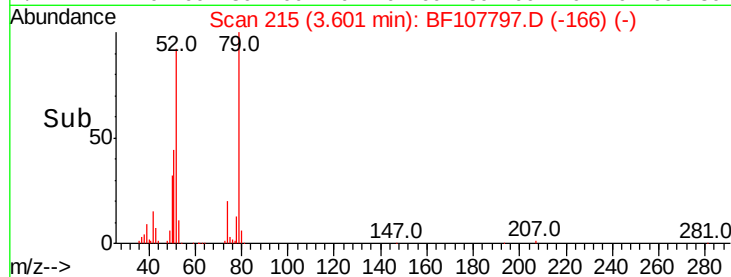
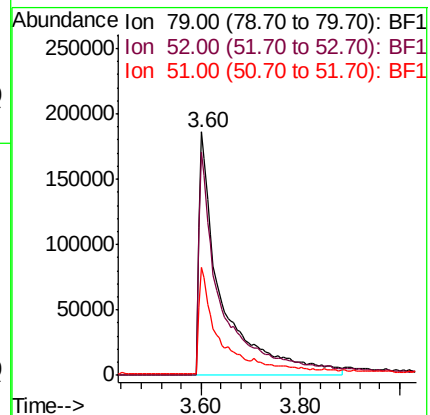
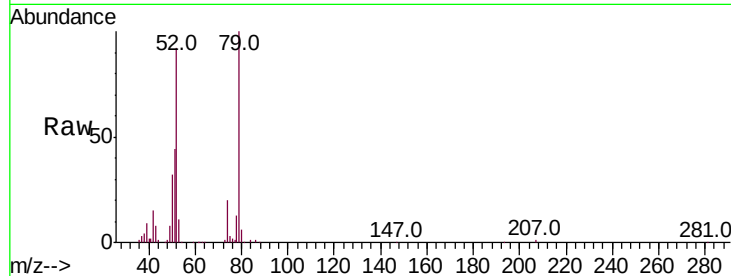
Tot Ion: 79 Resp: 597083

Ion Ratio Lower Upper

79 100

52 91.6 59.8 89.6#

51 44.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.730 ng

RT: 3.58 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

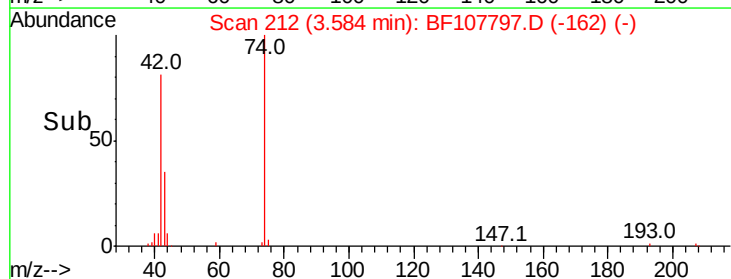
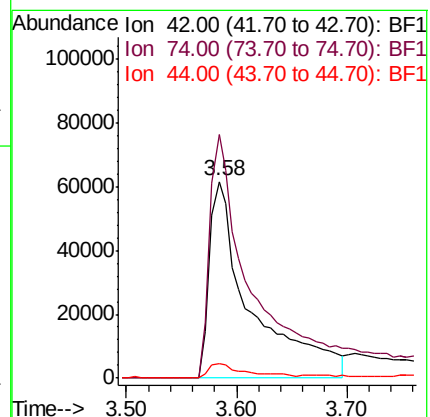
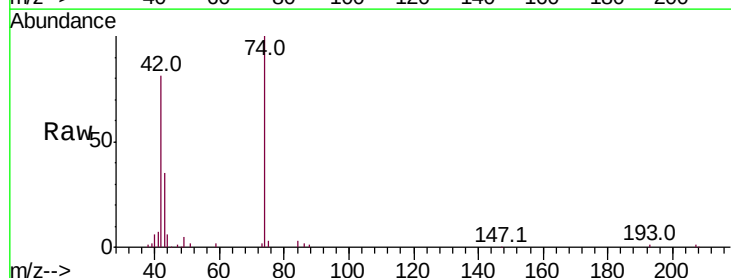
Tgt Ion: 42 Resp: 160267

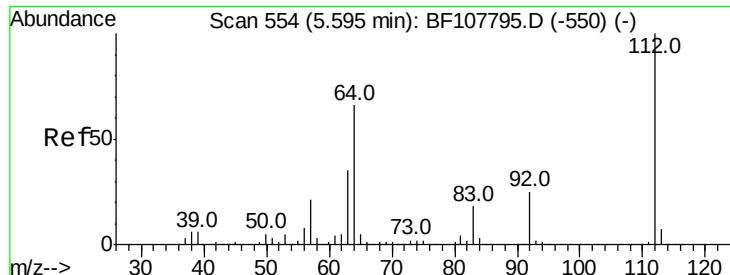
Ion Ratio Lower Upper

42 100

74 123.7 104.9 157.3

44 7.3 6.9 10.3

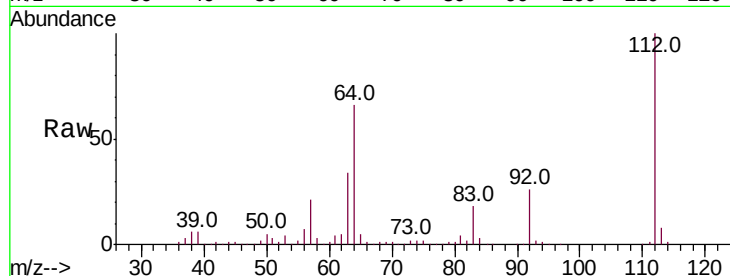




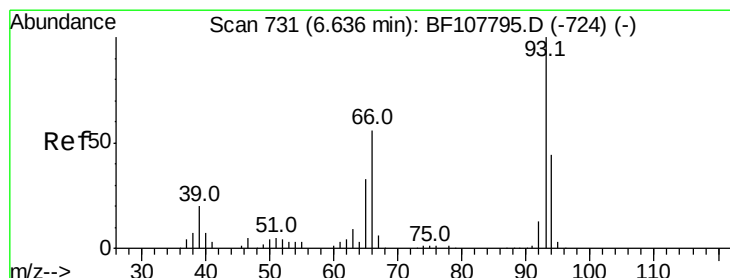
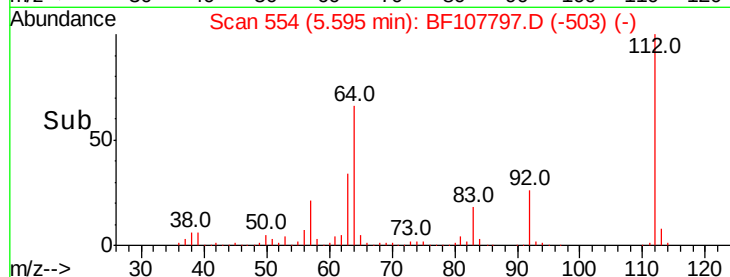
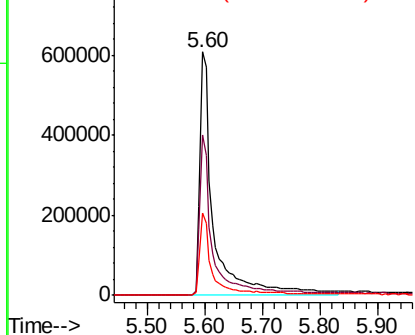
#5
2-Fluorophenol
Concen: 113.697 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 1042489
Ion Ratio Lower Upper
112 100
64 66.1 47.9 71.9
63 33.8 23.7 35.5

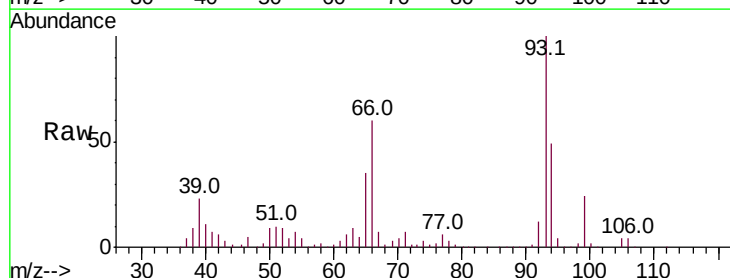


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

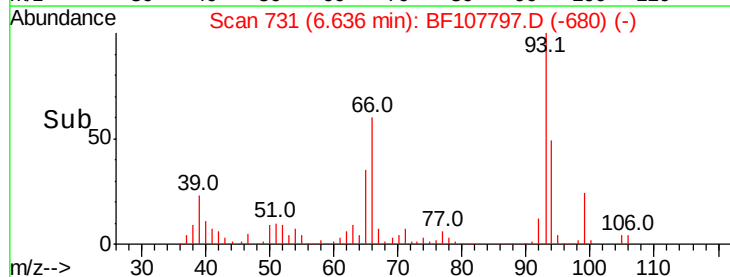
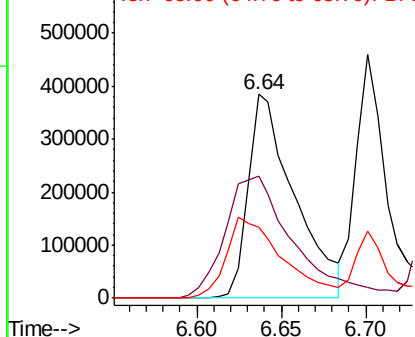


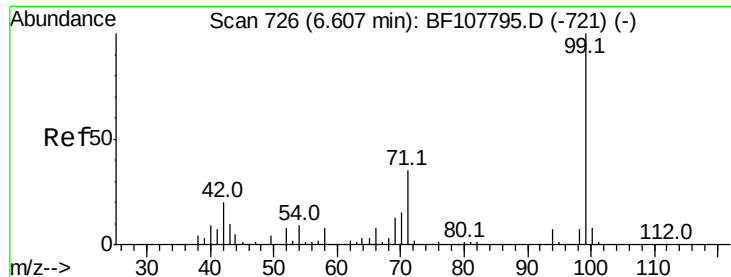
#6
Aniline
Concen: 51.737 ng
RT: 6.64 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion: 93 Resp: 734651
Ion Ratio Lower Upper
93 100
66 60.0 32.2 48.2#
65 34.7 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: 114.804 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampled :

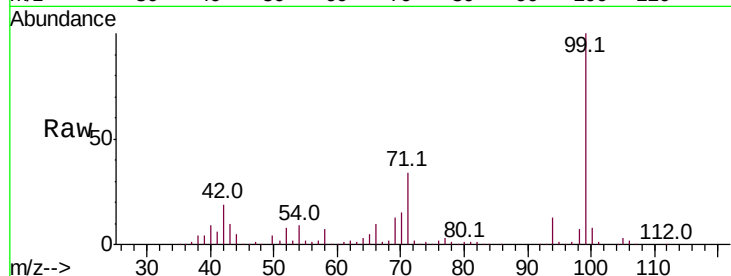
Tot Ion: 99 Resp: 1263938

Ion Ratio Lower Upper

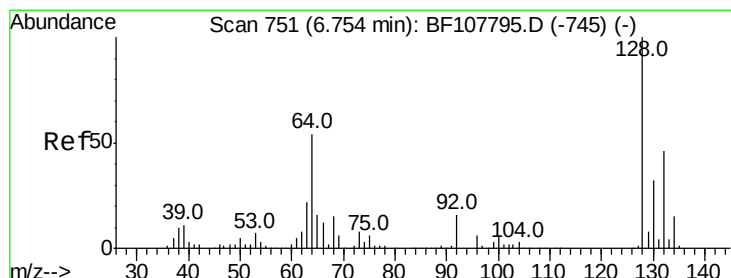
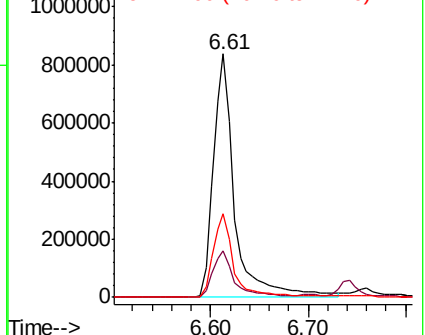
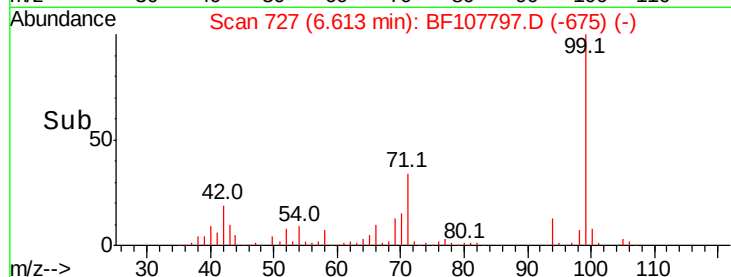
99 100

42 18.9 14.5 21.7

71 34.3 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: 62.988 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

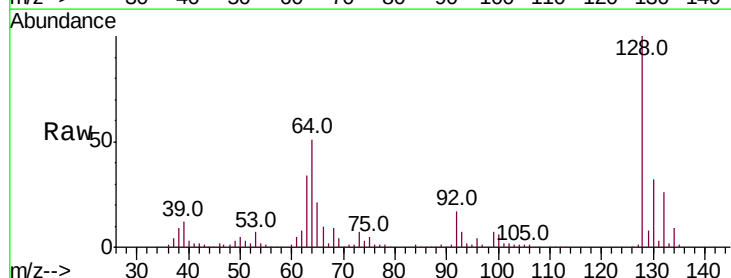
Tgt Ion:128 Resp: 618748

Ion Ratio Lower Upper

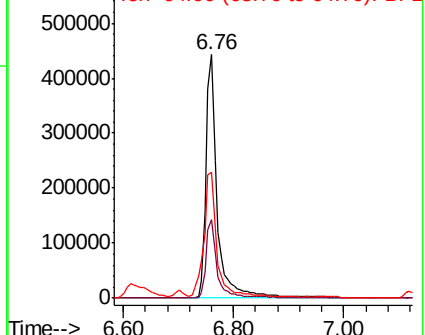
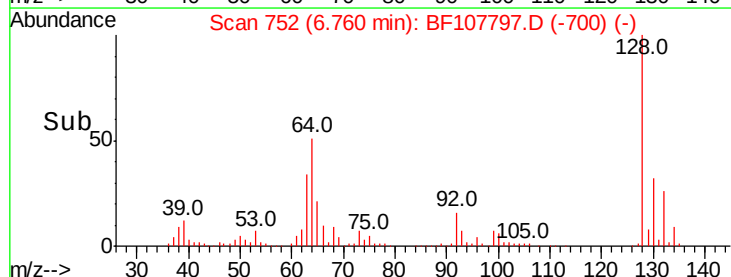
128 100

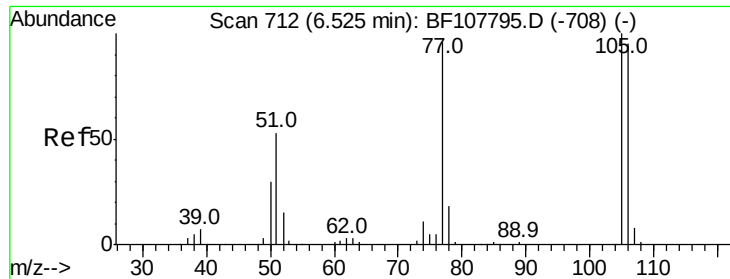
130 32.4 13.0 53.0

64 51.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

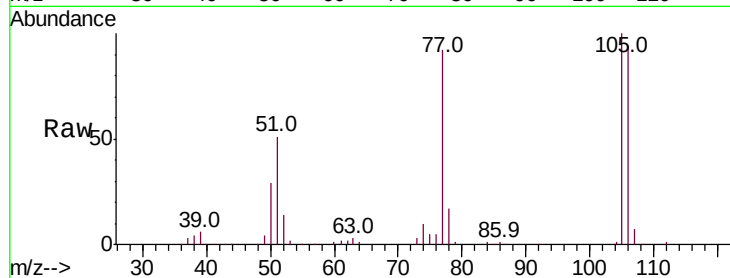




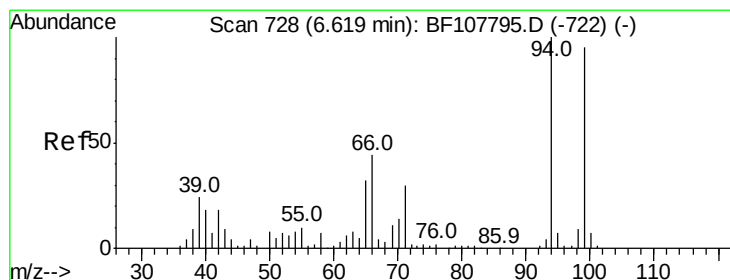
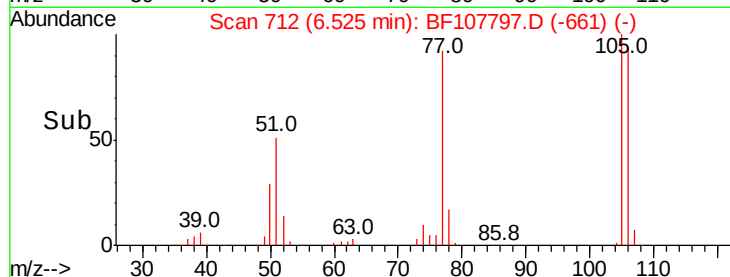
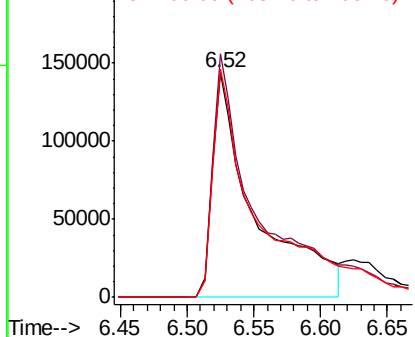
#9
Benzaldehyde
Concen: 45.084 ng
RT: 6.52 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 324613
Ion Ratio Lower Upper
77 100
105 108.2 81.1 121.1
106 101.5 74.5 114.5

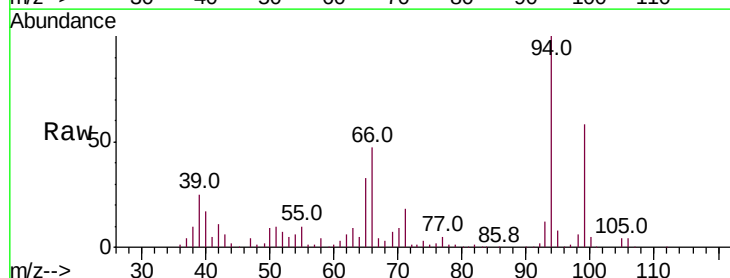


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

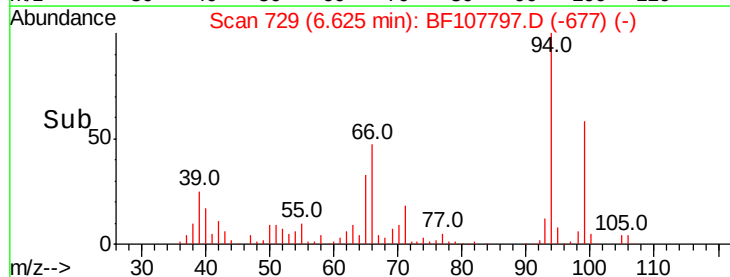
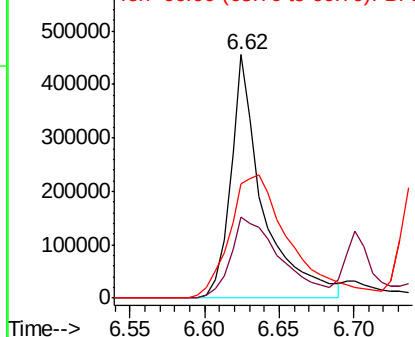


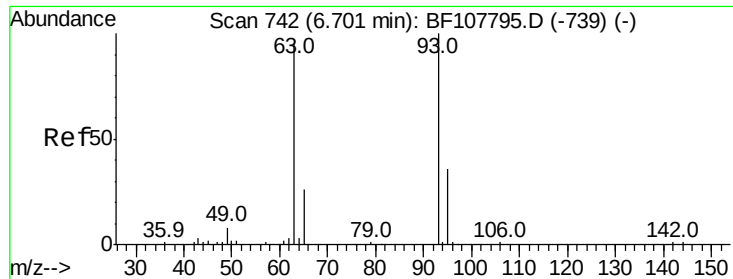
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Phenol
Concen: 53.063 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion: 94 Resp: 687054
Ion Ratio Lower Upper
94 100
65 33.4 7.9 47.9
66 47.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 63.565 ng

RT: 6.70 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

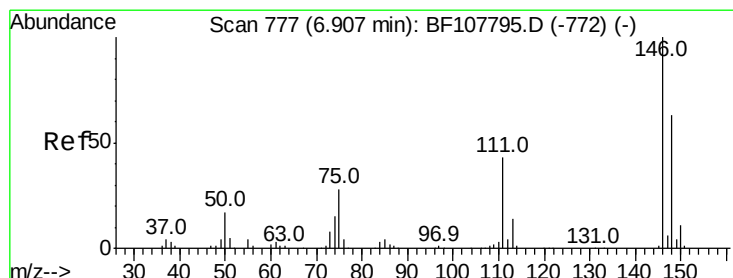
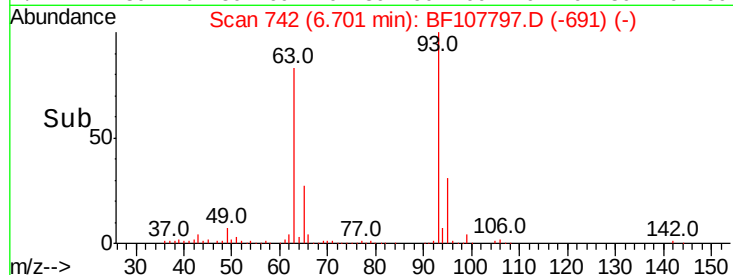
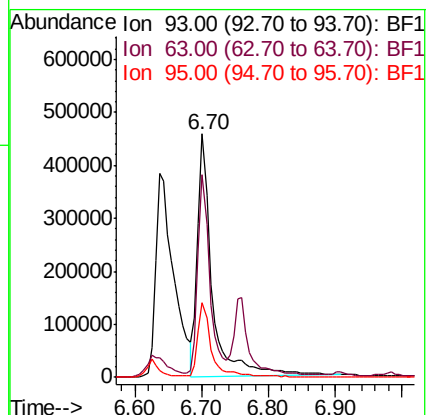
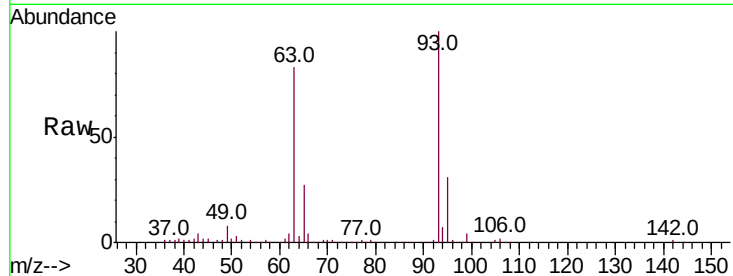
Tot Ion: 93 Resp: 682351

Ion Ratio Lower Upper

93 100

63 83.3 58.6 98.6

95 30.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 59.979 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

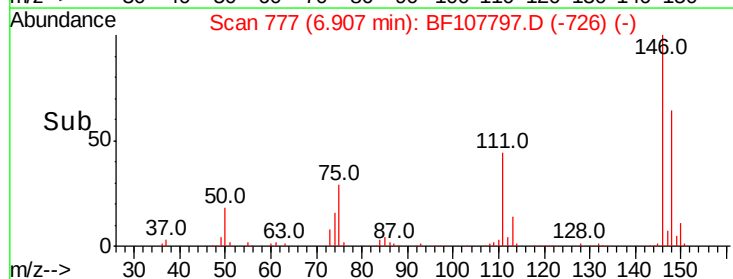
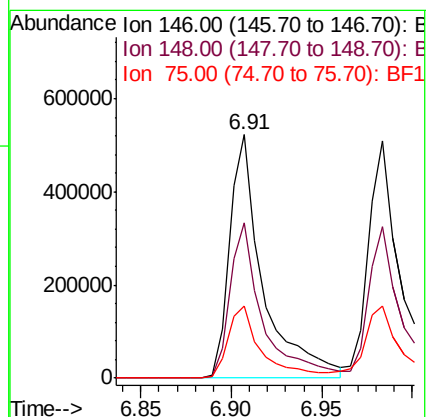
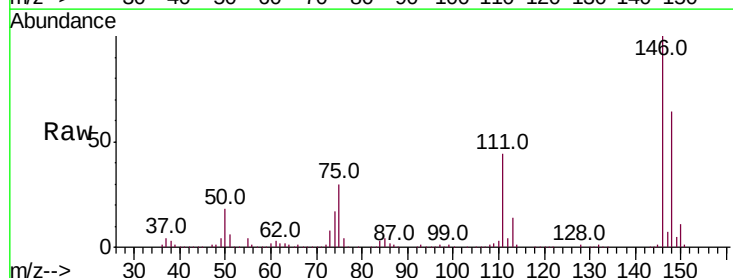
Tgt Ion: 146 Resp: 668013

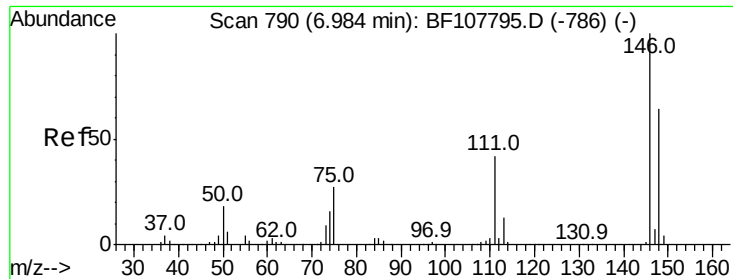
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

75 29.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 65.608 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampled :

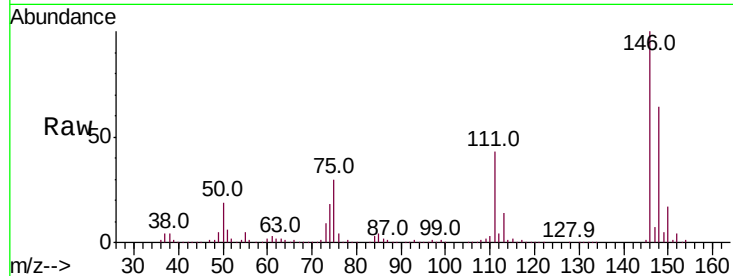
Tot Ion:146 Resp: 748932

Ion Ratio Lower Upper

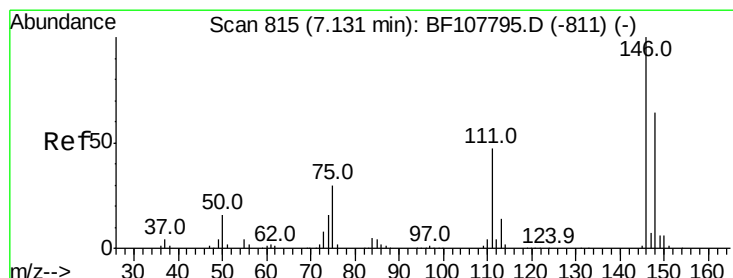
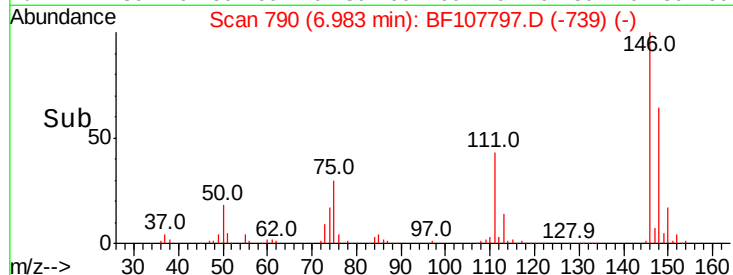
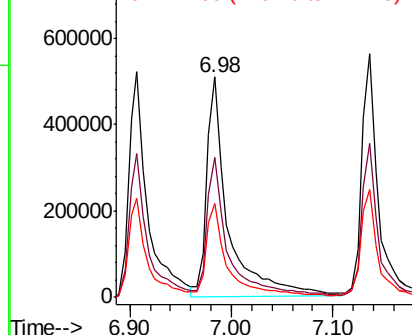
146 100

148 63.8 50.8 76.2

111 42.7 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: 60.732 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

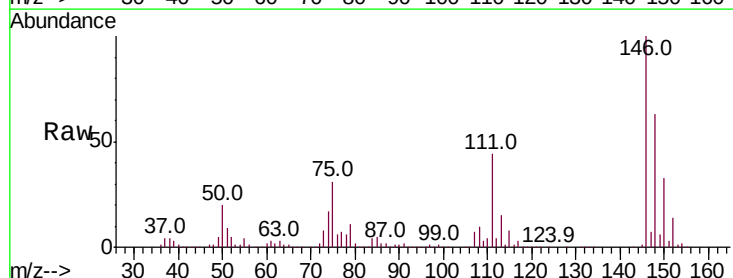
Tgt Ion:146 Resp: 622156

Ion Ratio Lower Upper

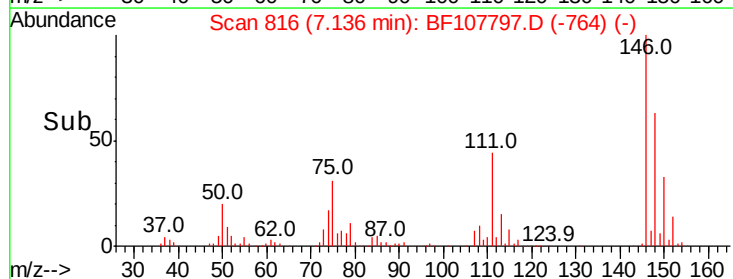
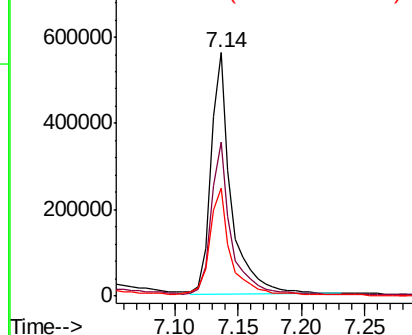
146 100

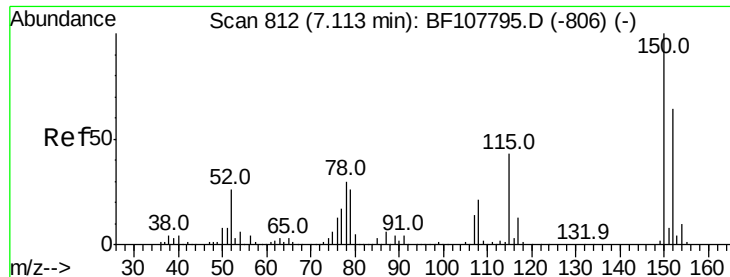
148 63.1 50.6 75.8

111 44.5 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

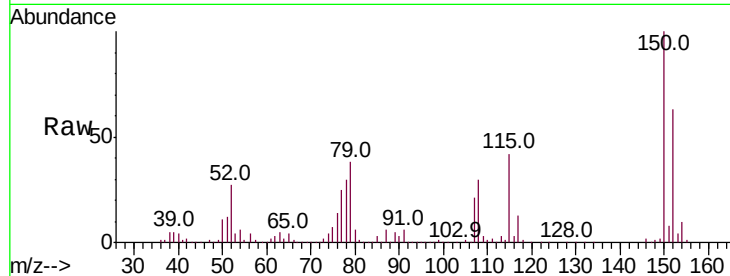




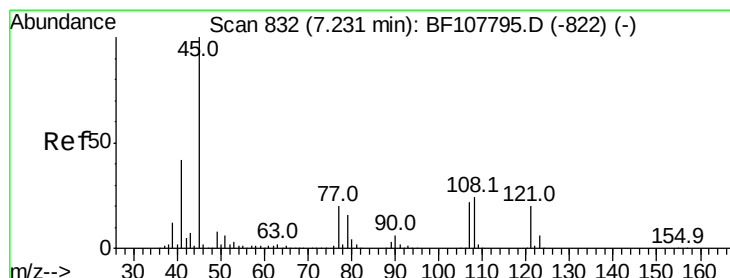
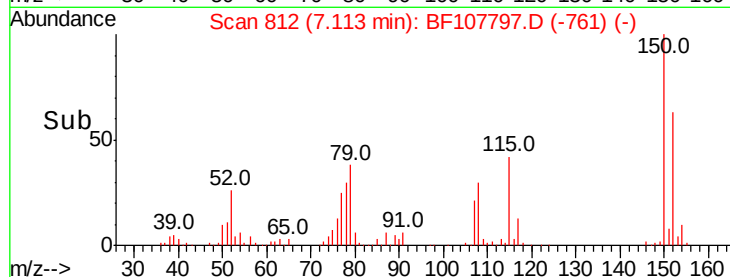
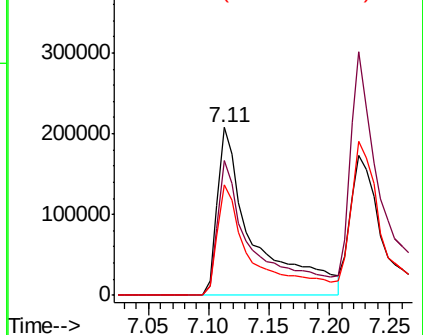
#15
Benzyl Alcohol
Concen: 57.714 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 433048
Ion Ratio Lower Upper
79 100
108 80.2 65.1 97.7
77 66.1 50.6 75.8

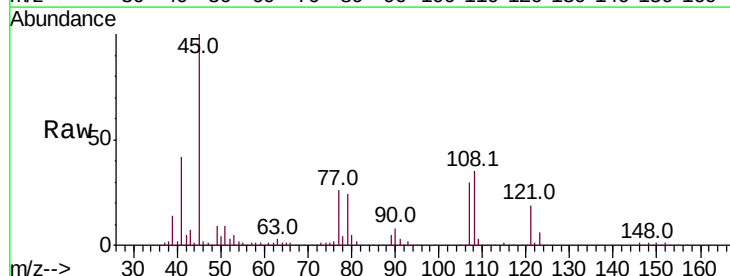


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

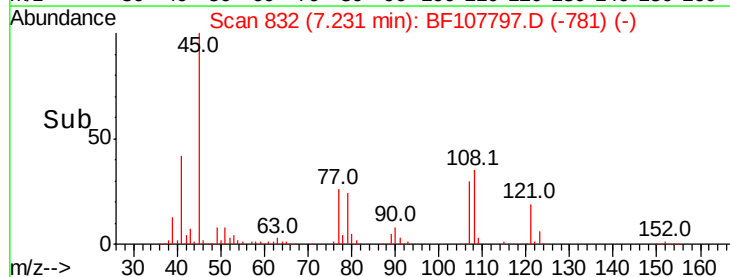
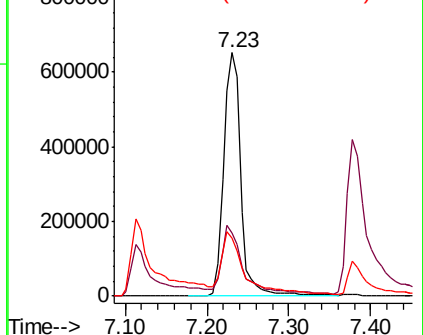


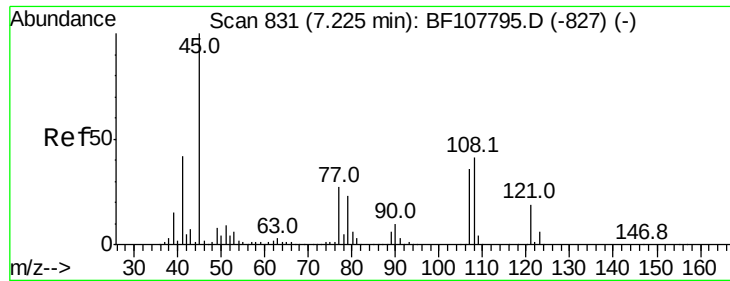
#16
2,2'-oxybis(1-chloropropane)
Concen: 52.414 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion: 45 Resp: 949217
Ion Ratio Lower Upper
45 100
77 26.0 0.0 32.9
79 23.9 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

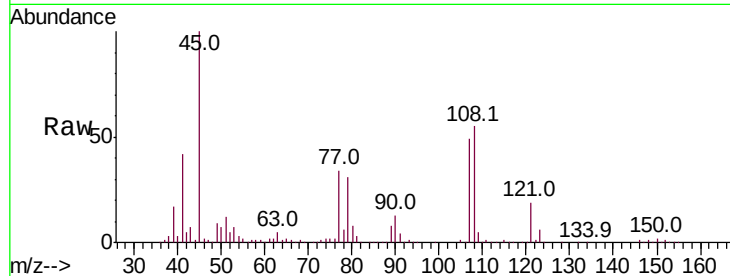




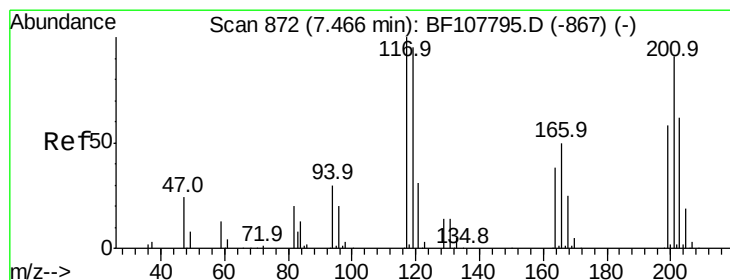
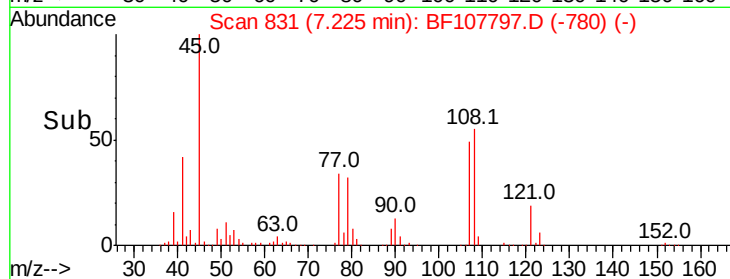
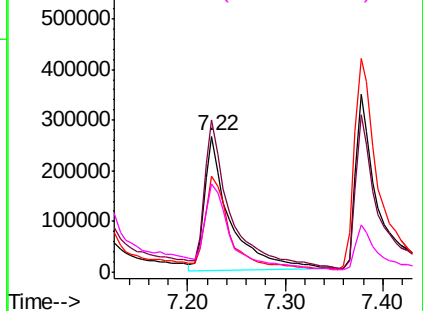
#17
2-Methylphenol
Concen: 56.812 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 474334
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 70.7 33.8 50.8#
79 64.7 33.8 50.8#

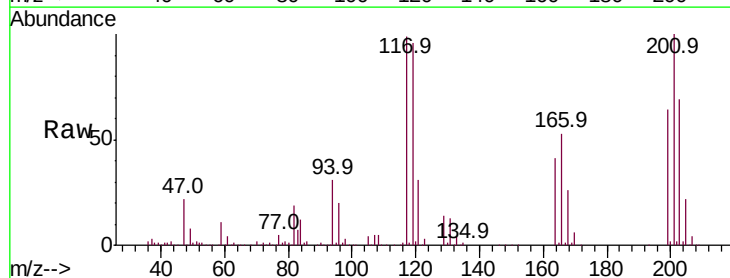


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

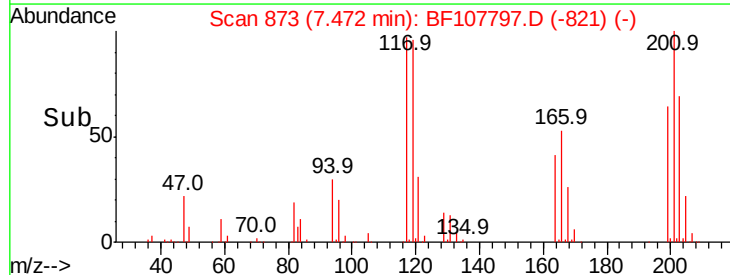
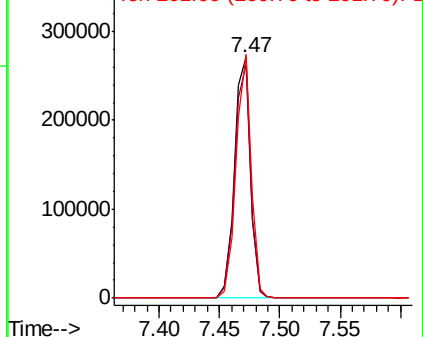


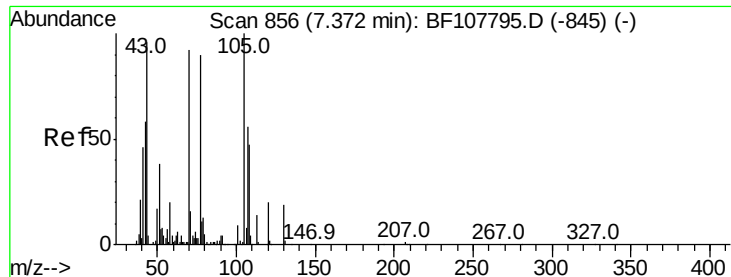
#18
Hexachloroethane
Concen: 62.913 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion:117 Resp: 251896
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 101.3 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

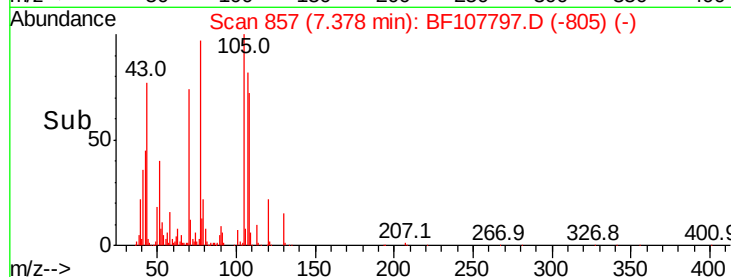
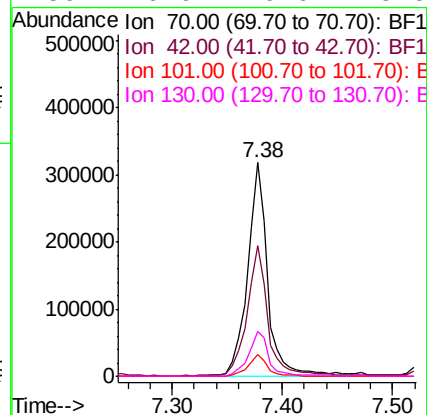
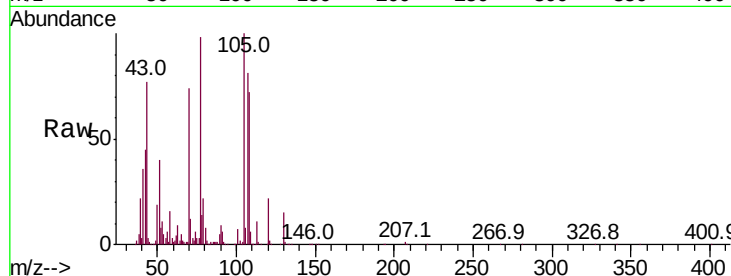




#19
n-Nitroso-di-n-propylamine
Concen: 57.682 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

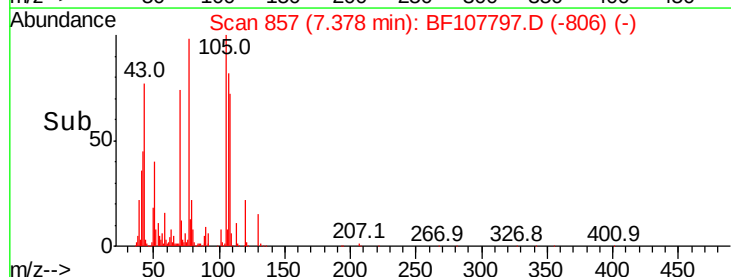
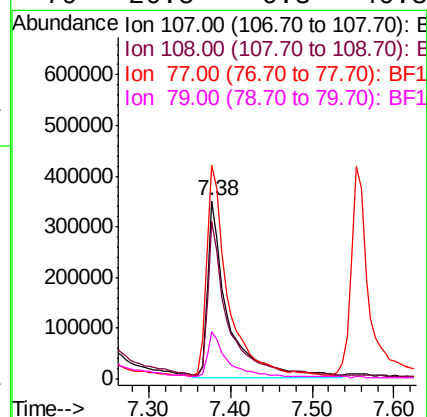
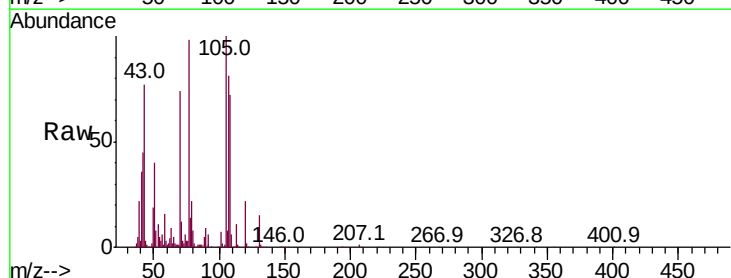
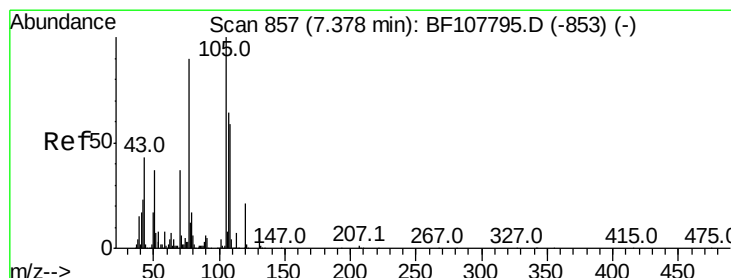
Instrument :
BNA_F
ClientSampled :

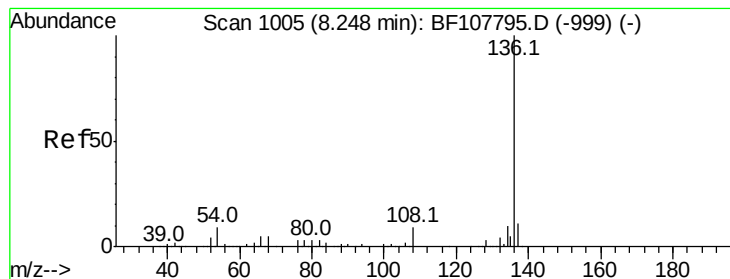
Tot Ion: 70 Resp: 410259
Ion Ratio Lower Upper
70 100
42 60.9 47.5 71.3
101 10.2 7.4 11.2
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 62.011 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion:107 Resp: 614783
Ion Ratio Lower Upper
107 100
108 88.0 68.2 108.2
77 119.8 26.7 66.7#
79 26.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 630631

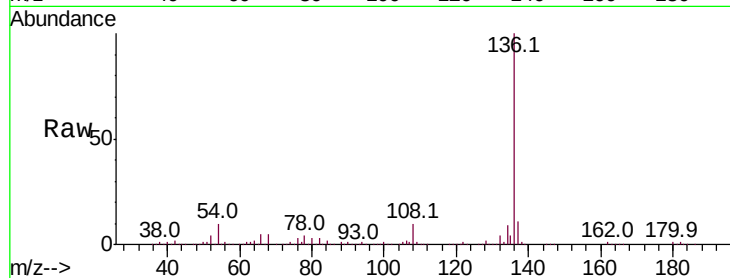
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.5 6.6 9.8

68 5.3 5.0 7.4

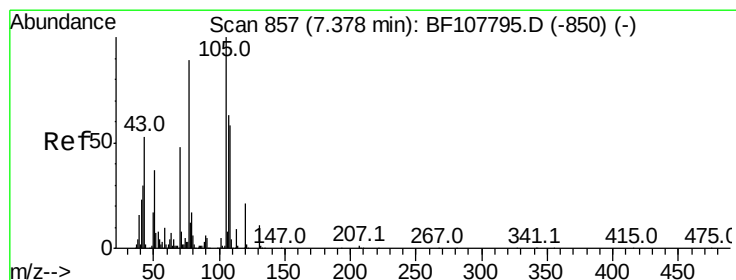
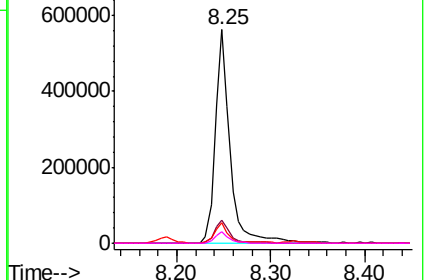
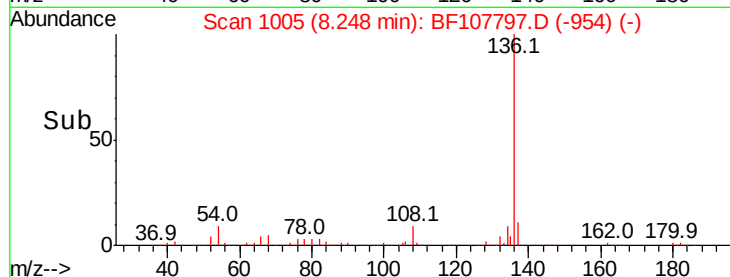


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 56.871 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Tgt Ion:105 Resp: 842277

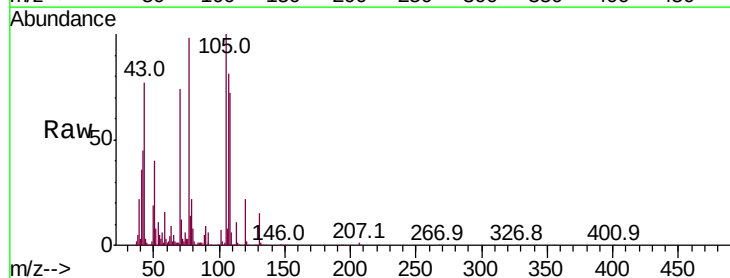
Ion Ratio Lower Upper

105 100

71 12.3 4.4 6.6#

51 40.5 22.3 33.5#

120 21.7 16.9 25.3

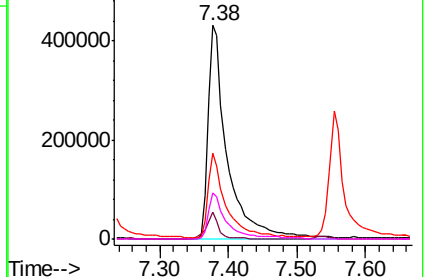
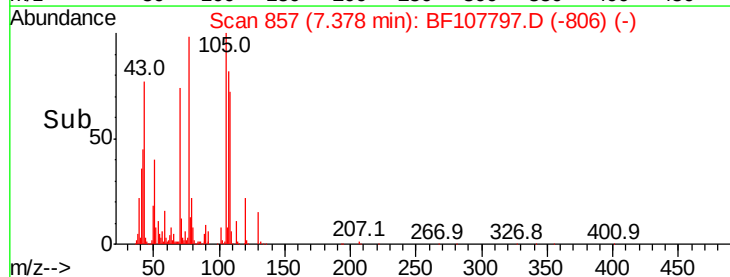


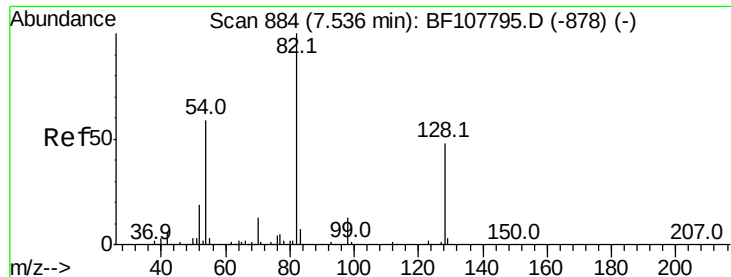
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

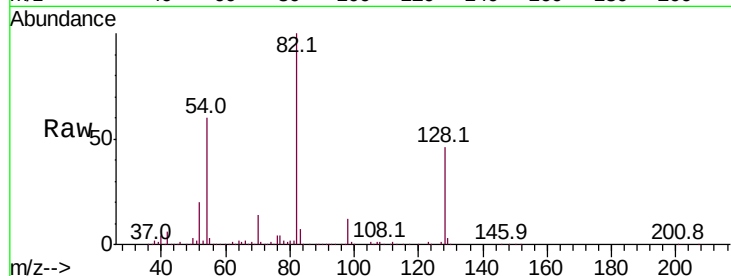




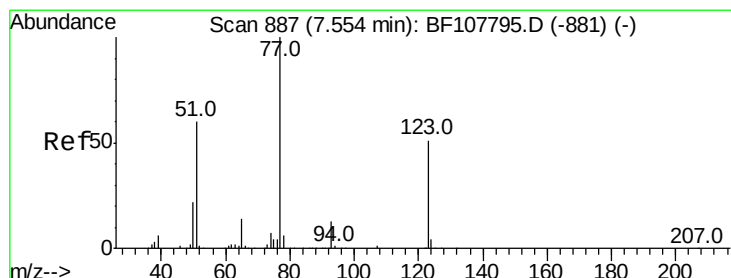
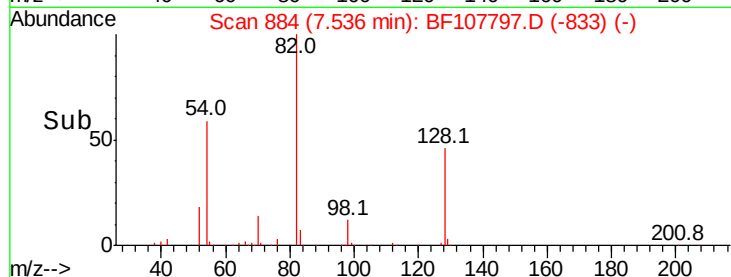
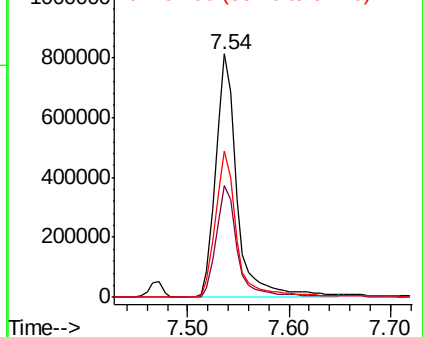
#23
Nitrobenzene-d5
Concen: 128.163 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1197609
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 60.3 41.4 62.2

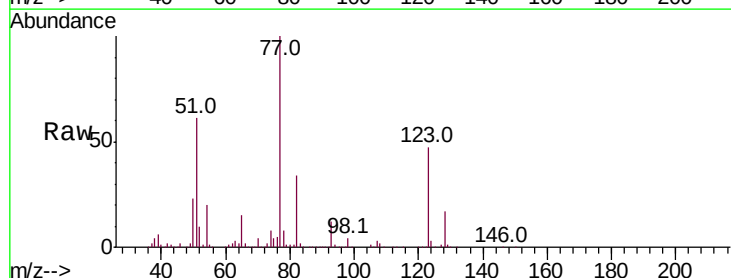


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

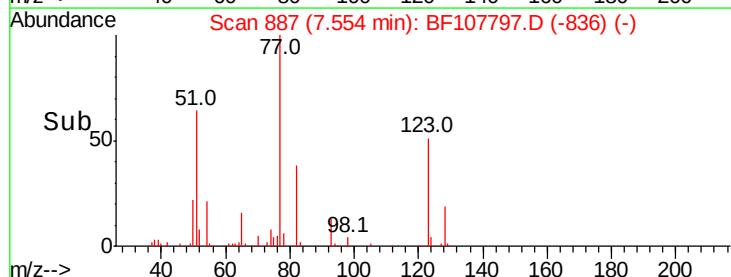
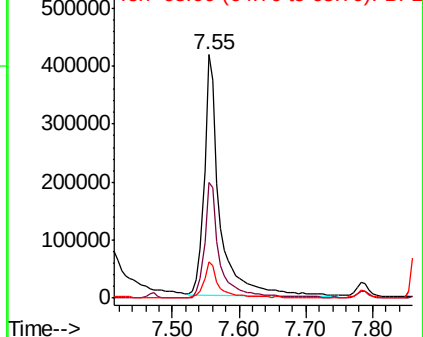


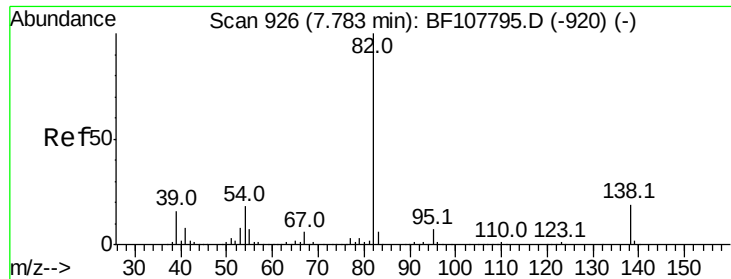
#24
Nitrobenzene
Concen: 61.415 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion: 77 Resp: 657313
Ion Ratio Lower Upper
77 100
123 47.3 37.9 56.9
65 15.1 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

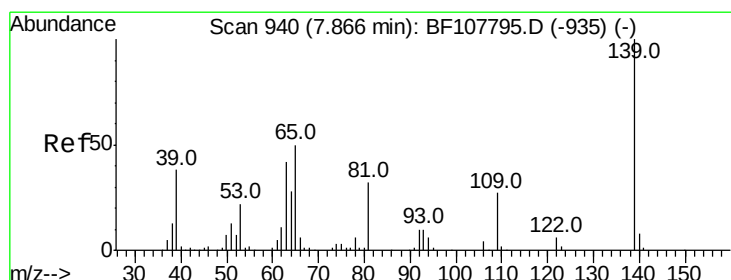
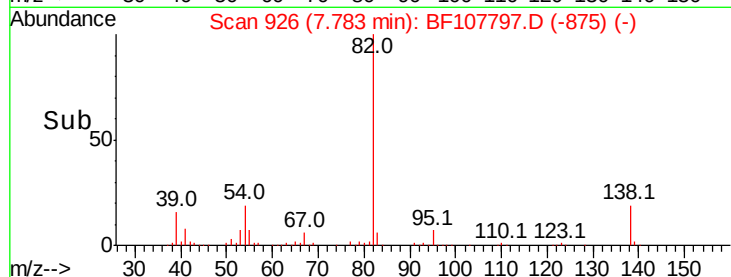
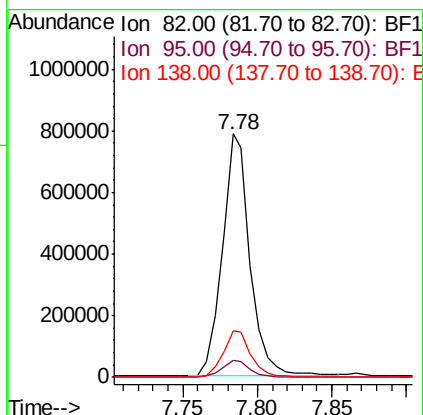
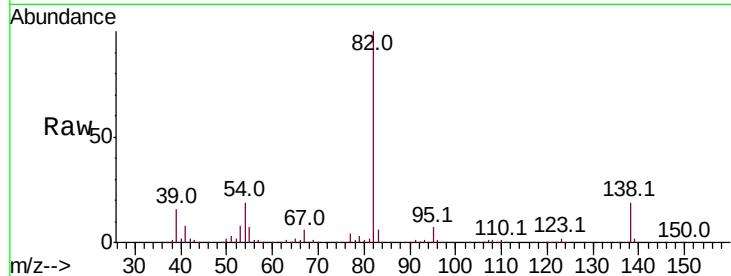




#25
Isophorone
Concen: 51.532 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

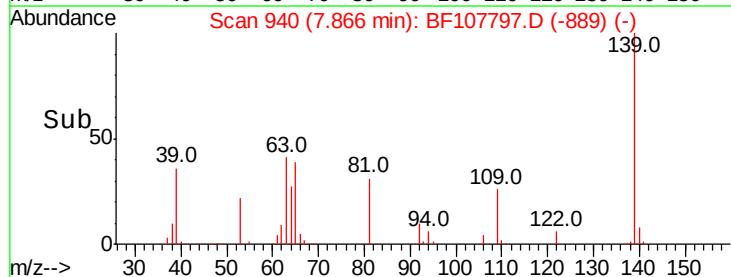
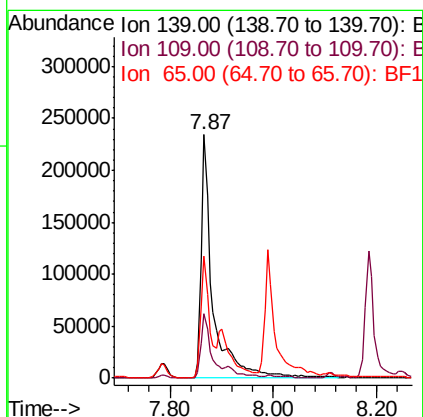
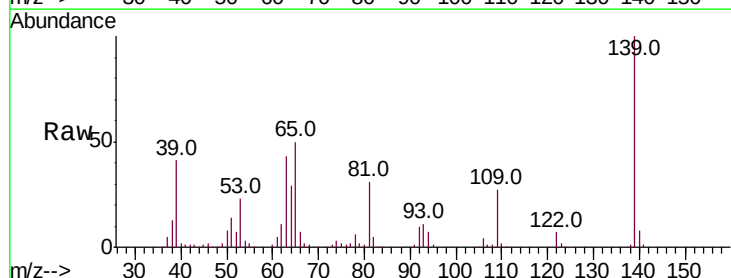
Instrument :
BNA_F
ClientSampled :

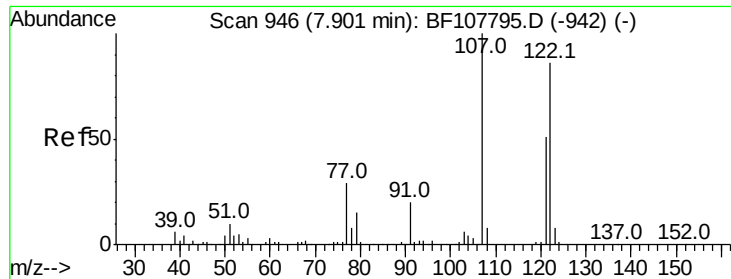
Tot Ion: 82 Resp: 1028164
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 81.339 ng
RT: 7.87 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion: 139 Resp: 367628
Ion Ratio Lower Upper
139 100
109 26.5 22.7 34.1
65 50.2 40.5 60.7

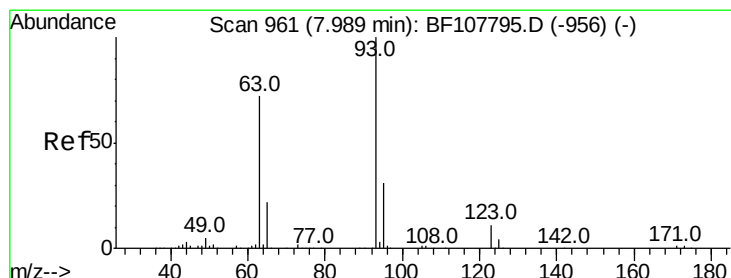
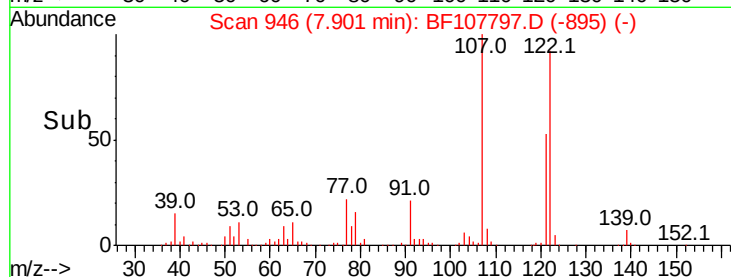
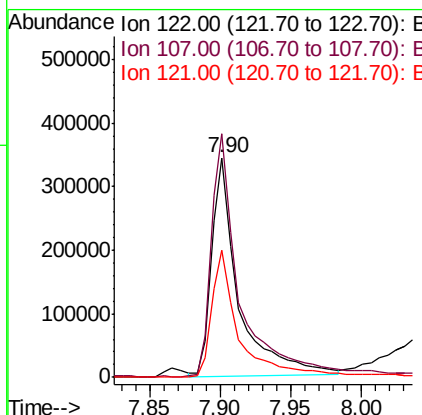
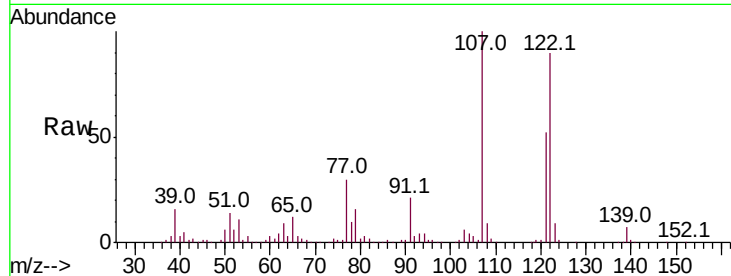




#27
 2,4-Dimethylphenol
 Concen: 53.727 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

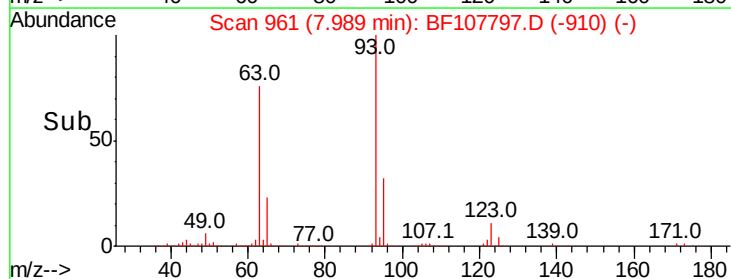
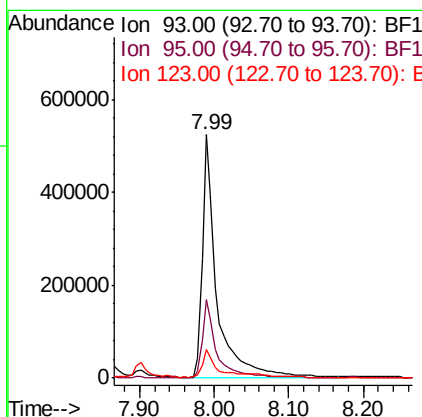
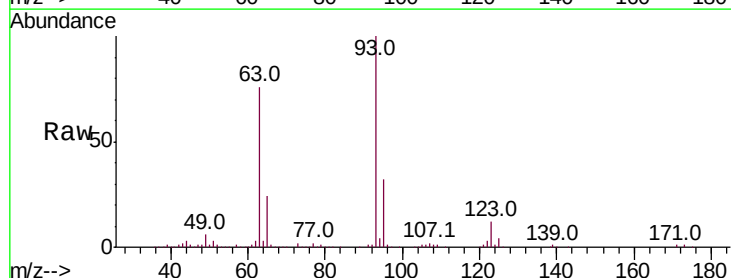
Instrument :
 BNA_F
 ClientSampled :

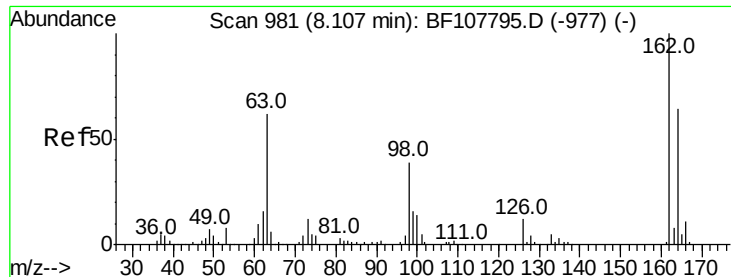
Tot Ion:122 Resp: 459647
 Ion Ratio Lower Upper
 122 100
 107 110.8 91.2 136.8
 121 58.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.536 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Tgt Ion: 93 Resp: 713830
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 11.6 9.8 14.6

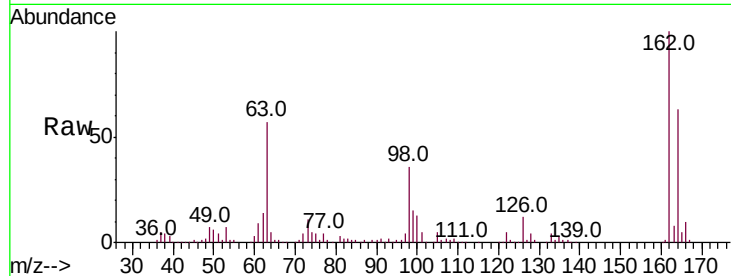




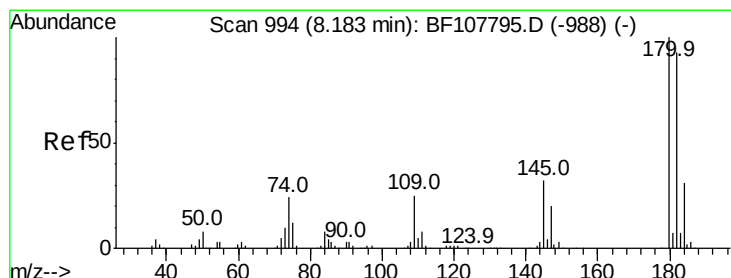
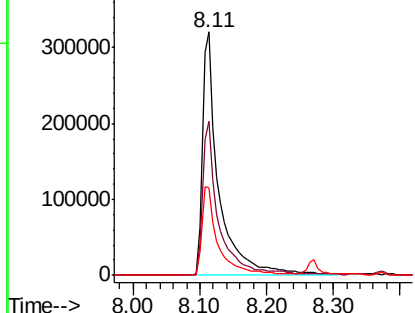
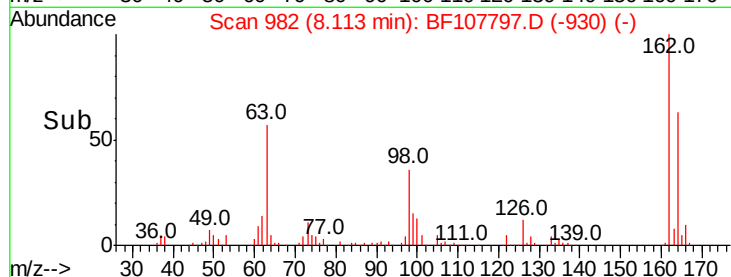
#29
 2,4-Dichlorophenol
 Concen: 61.385 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 536773
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 35.9 18.1 58.1

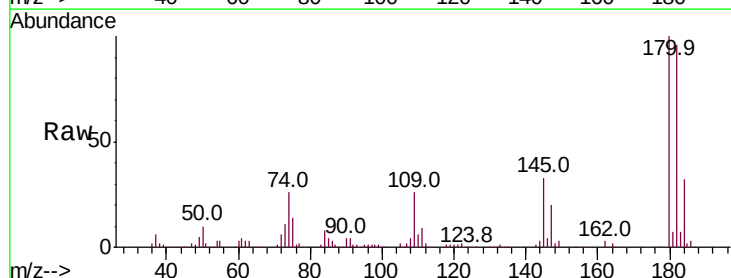


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

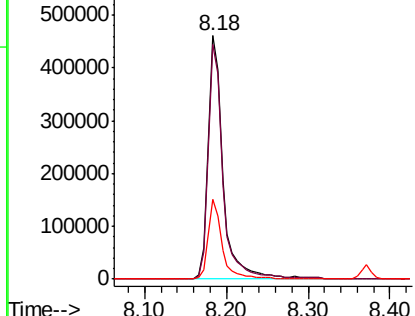
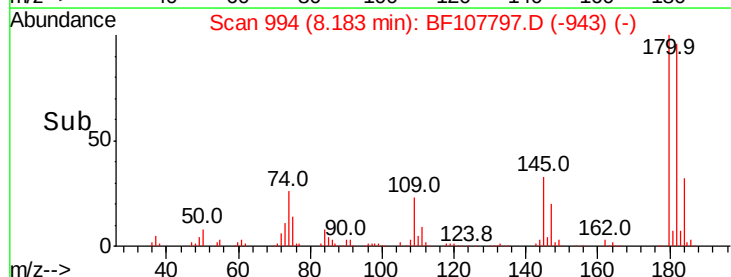


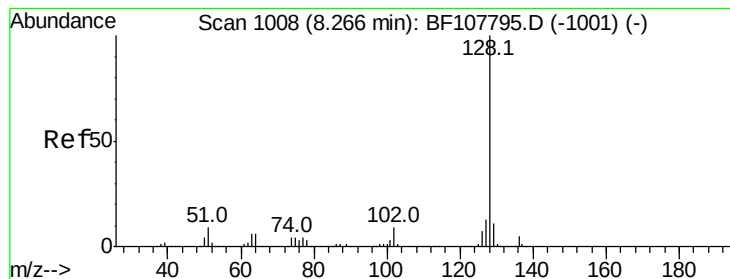
#30
 1,2,4-Trichlorobenzene
 Concen: 59.320 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Tgt Ion:180 Resp: 582600
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.8 115.2
 145 32.5 26.5 39.7



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





#31

Naphthalene

Concen: 56.925 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

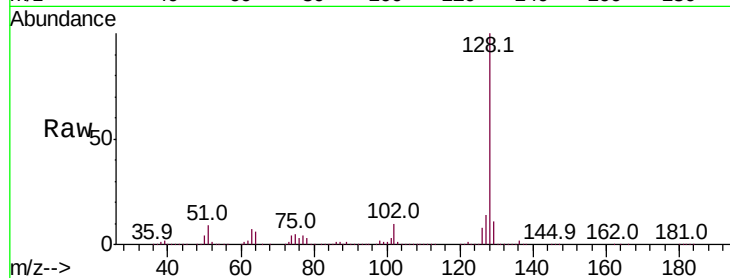
Tot Ion:128 Resp: 1578627

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

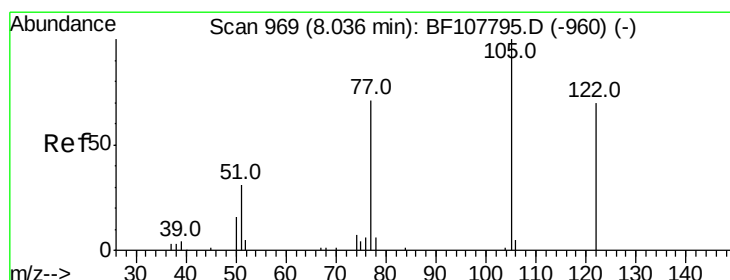
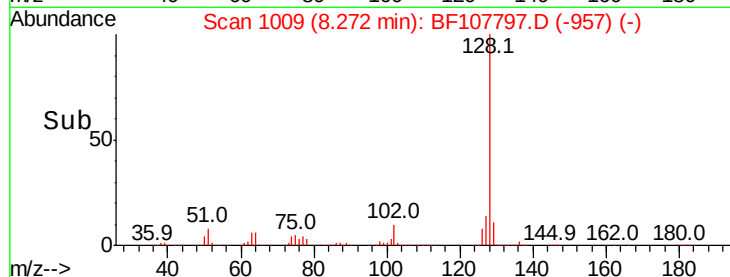
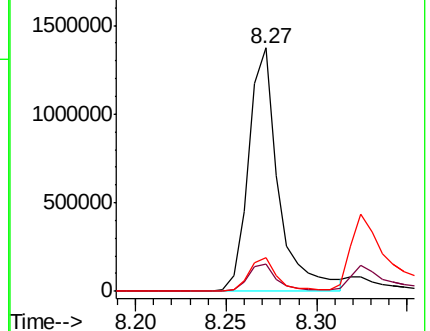
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 58.507 ng

RT: 8.05 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

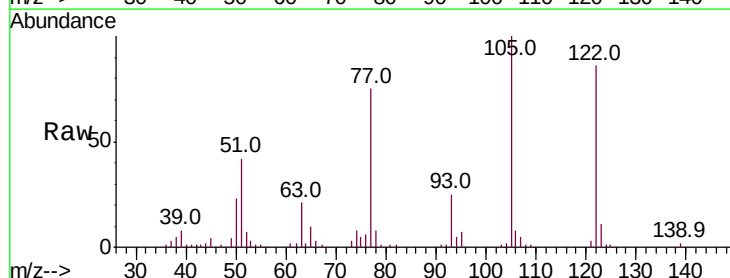
Tgt Ion:122 Resp: 306630

Ion Ratio Lower Upper

122 100

105 116.4 101.1 141.1

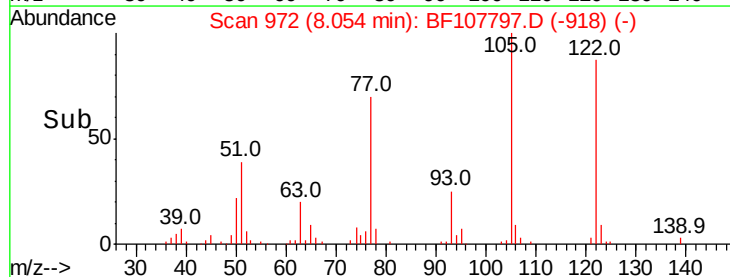
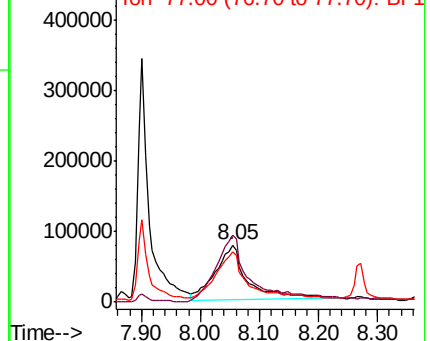
77 87.7 70.7 110.7

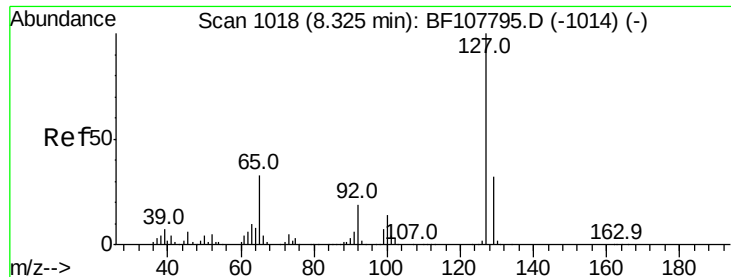


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

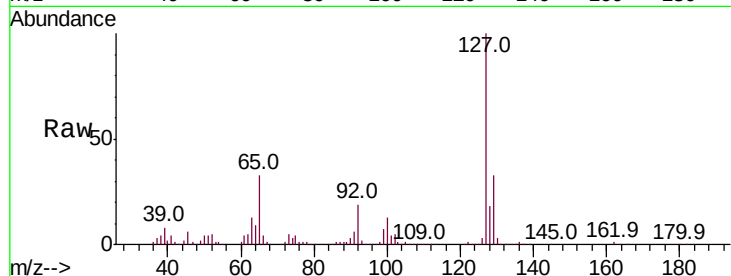




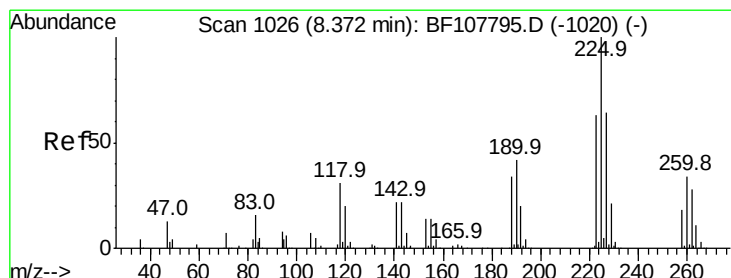
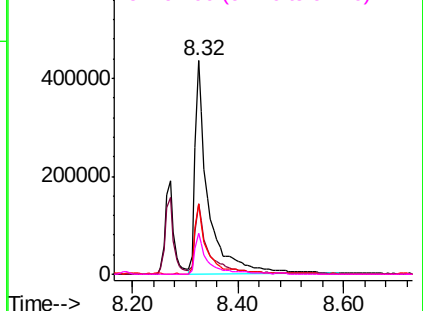
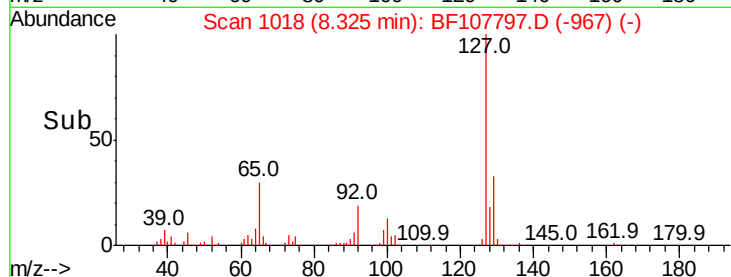
#33
4-Chloroaniline
Concen: 62.564 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	758335
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	33.1	25.0	37.4
92	19.0	15.2	22.8

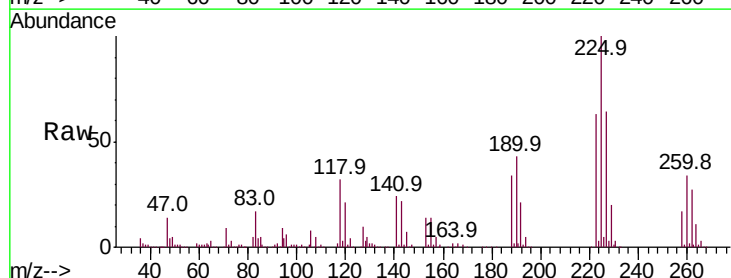


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

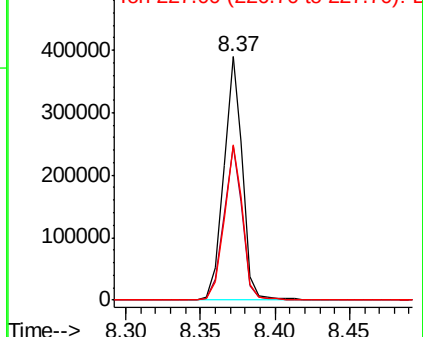
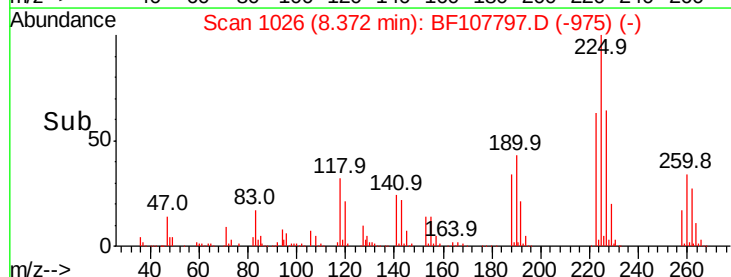


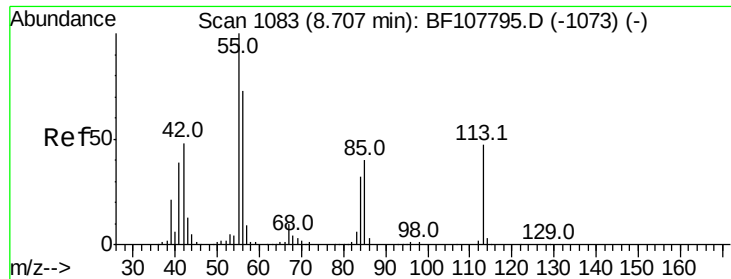
#34
Hexachlorobutadiene
Concen: 59.038 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion:	225	Resp:	344544
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.0	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

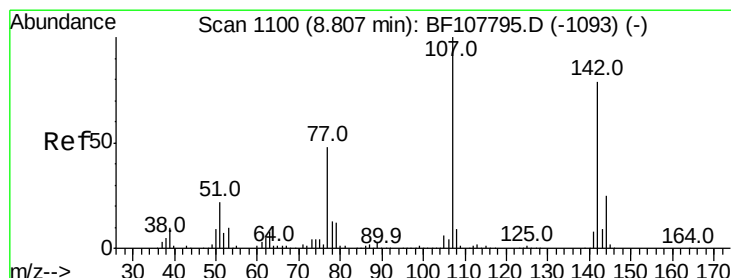
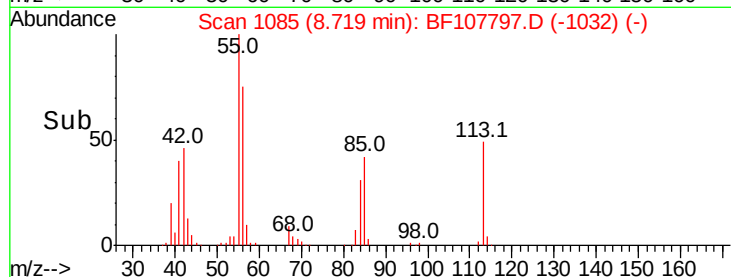
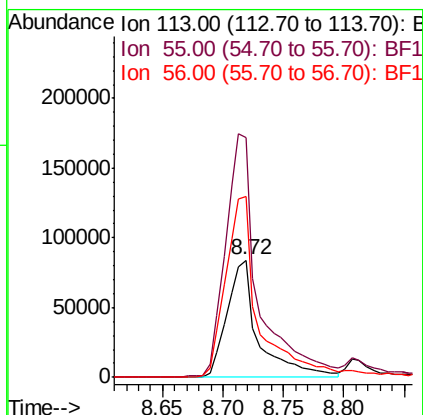
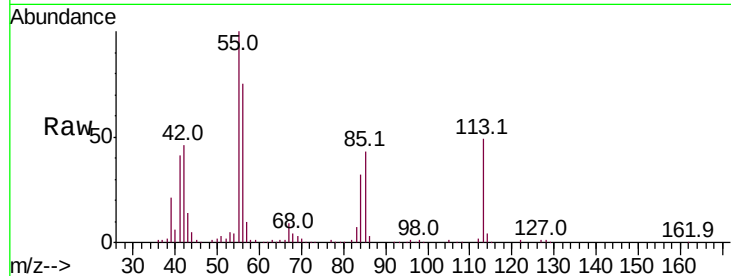




#35
 Caprolactam
 Concen: 53.878 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

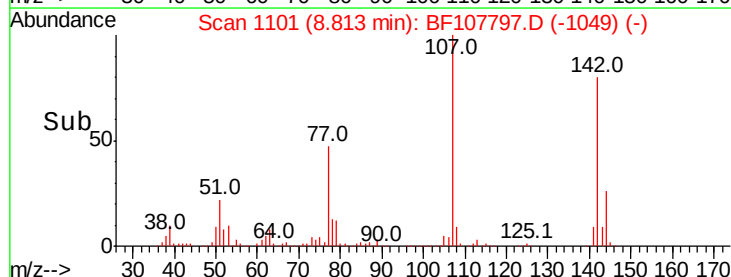
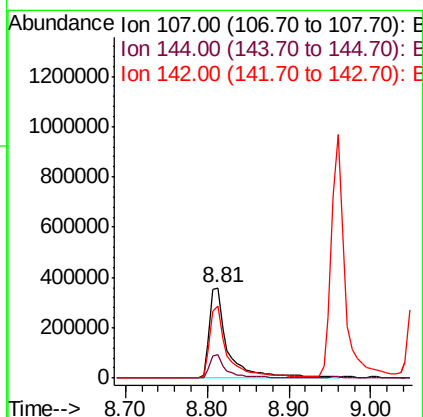
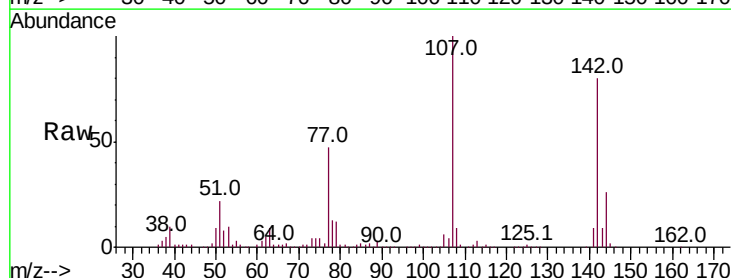
Instrument :
 BNA_F
 ClientSampleId :

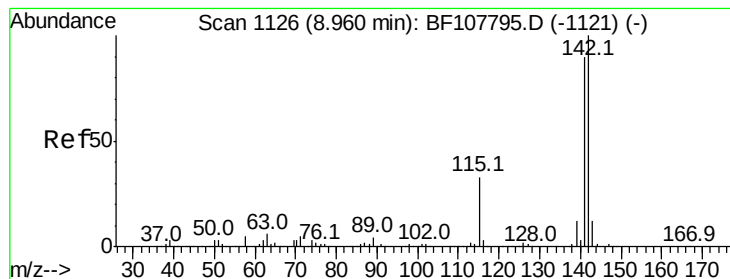
Tot Ion:113 Resp: 153241
 Ion Ratio Lower Upper
 113 100
 55 205.1 163.3 203.3#
 56 154.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 58.249 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Tgt Ion:107 Resp: 565801
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 80.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 57.699 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

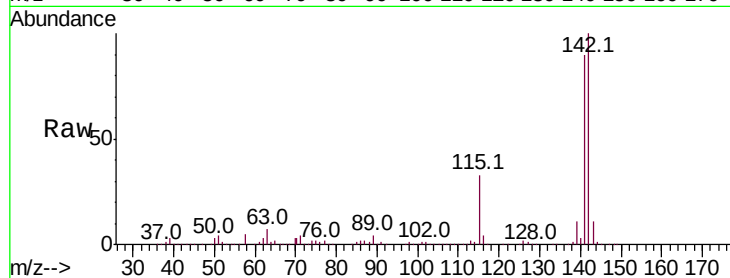
Tot Ion:142 Resp: 1108789

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

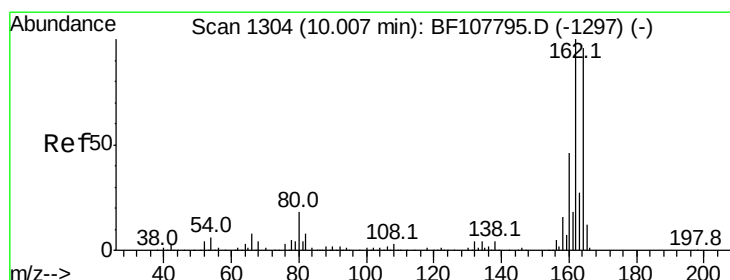
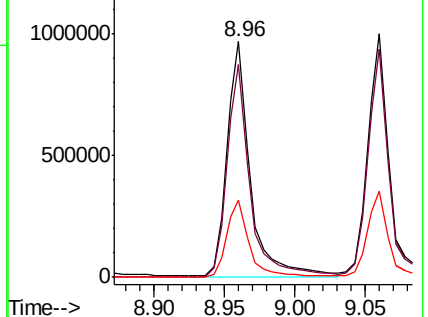
115 32.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

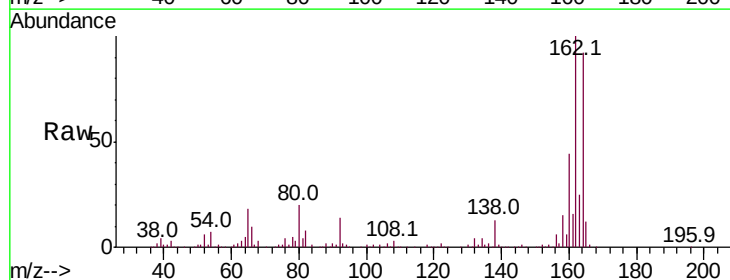
Tgt Ion:164 Resp: 286823

Ion Ratio Lower Upper

164 100

162 108.6 86.1 129.1

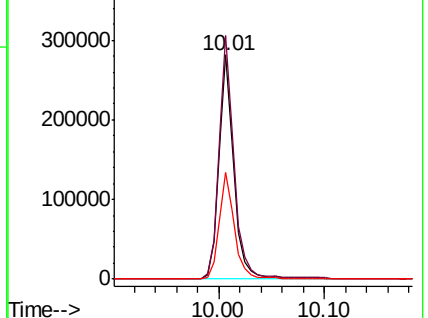
160 47.5 38.3 57.5

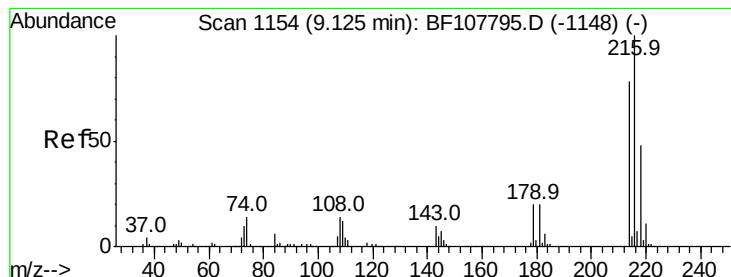


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 62.393 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 596900

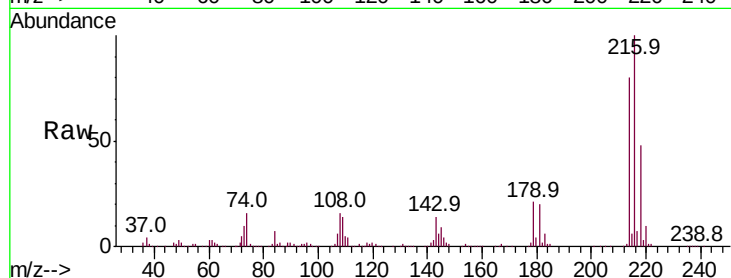
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 20.8 18.1 27.1

108 16.9 17.2 25.8#



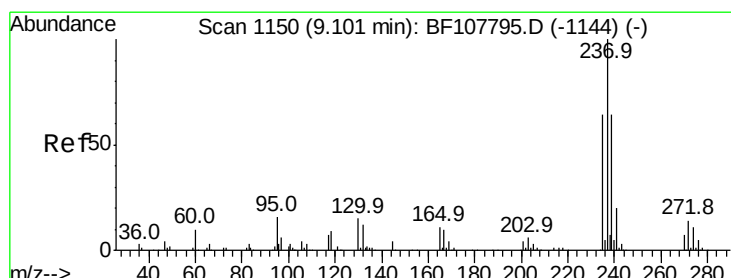
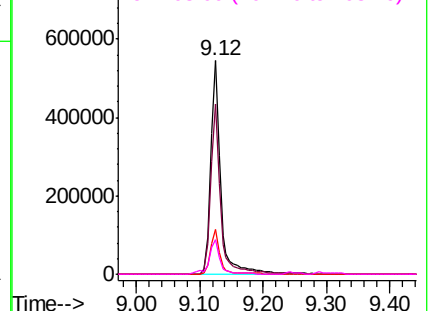
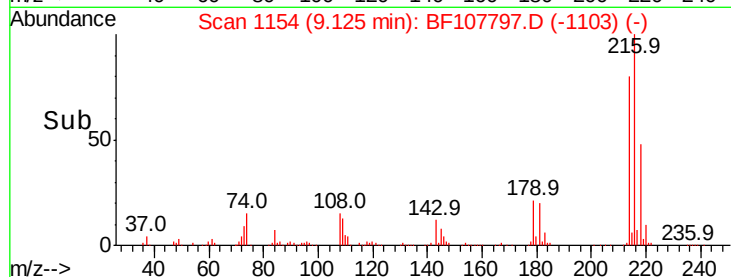
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 49.798 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

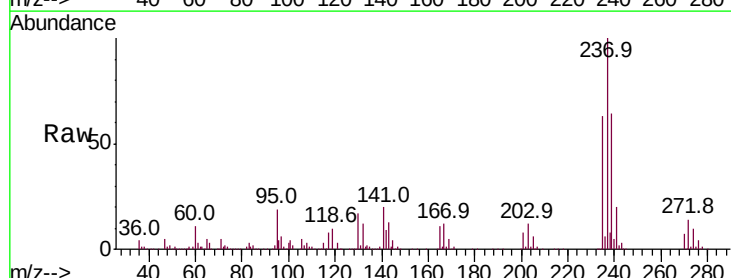
Tgt Ion:237 Resp: 242175

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

272 13.6 0.0 33.3

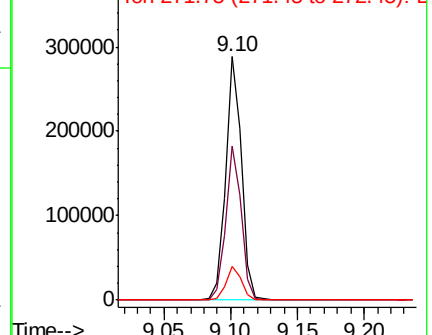
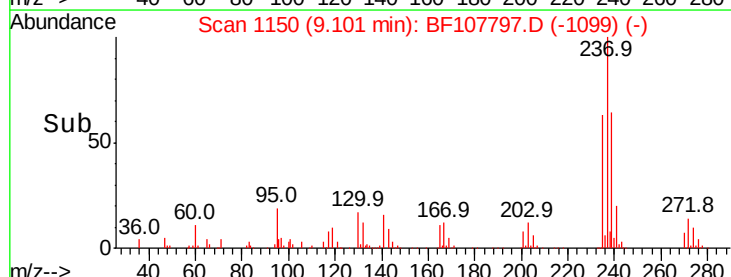


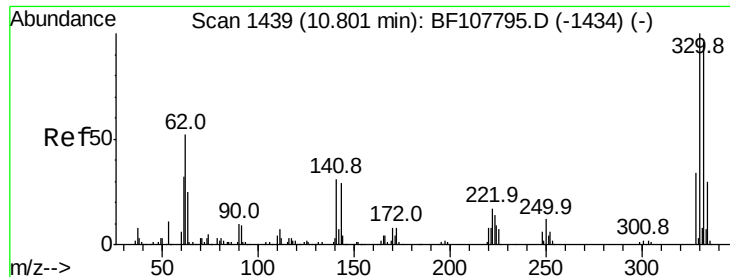
Abundance

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

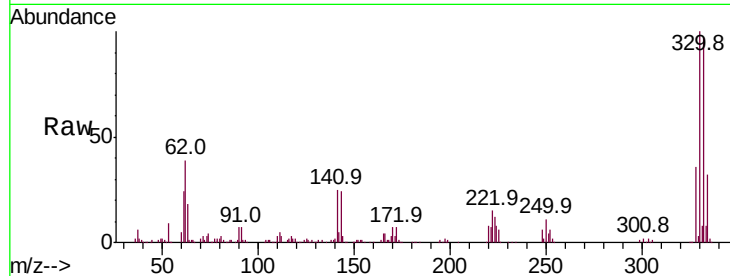




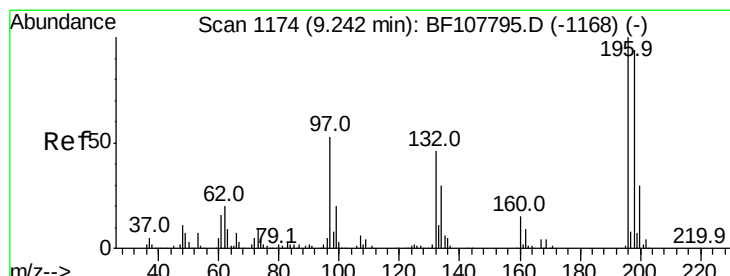
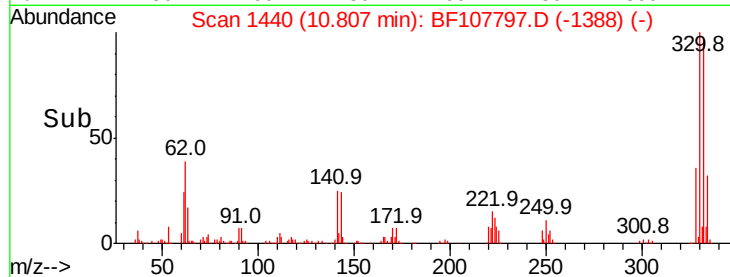
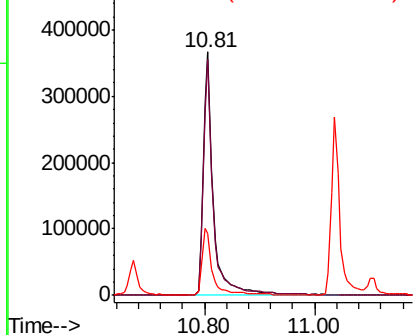
#41
 2,4,6-Tribromophenol
 Concen: 140.567 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 458478
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 28.4 29.9 44.9#

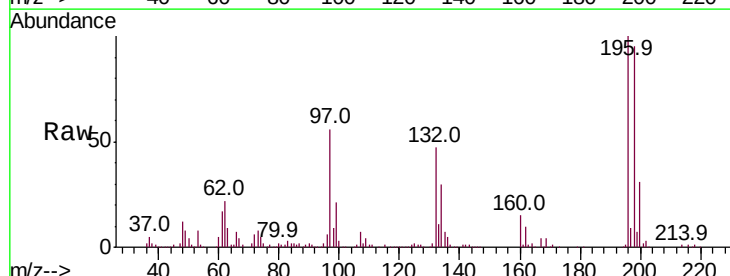


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

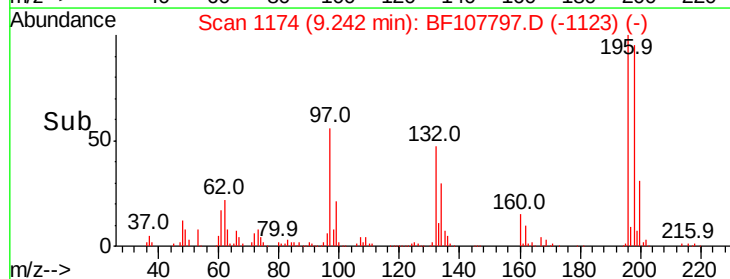
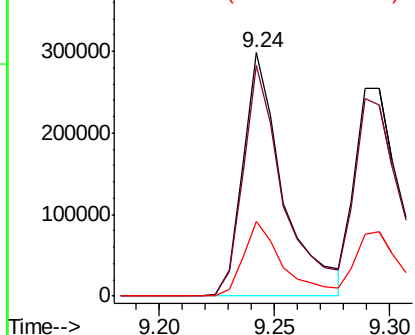


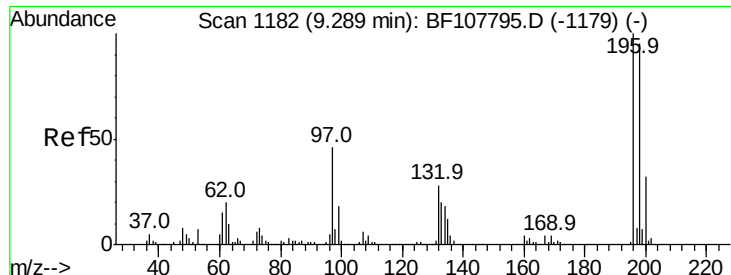
#42
 2,4,6-Trichlorophenol
 Concen: 59.245 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Tgt Ion:196 Resp: 362785
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 30.9 24.5 36.7



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

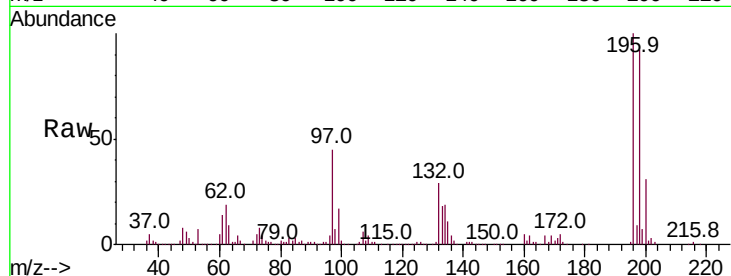




#43
2,4,5-Trichlorophenol
Concen: 66.199 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.6	112.0
97	44.7	42.9	64.3
132	28.8	26.3	39.5



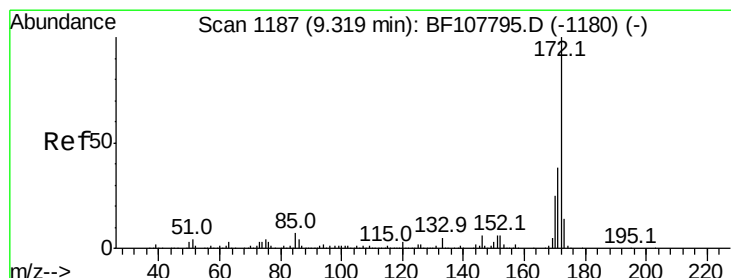
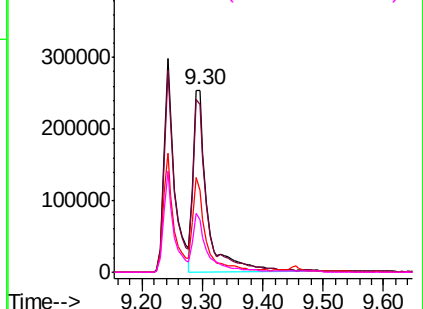
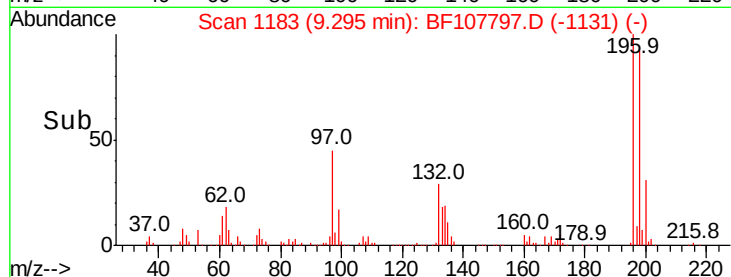
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

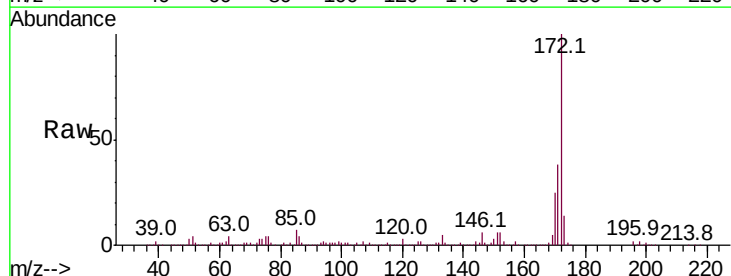
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 122.012 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.2	19.6	29.4

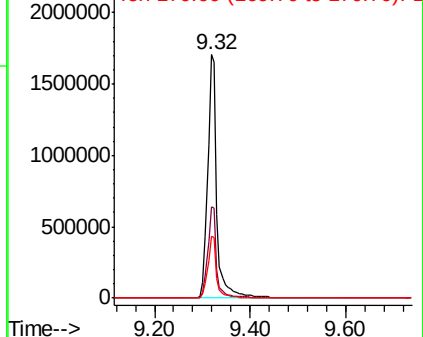
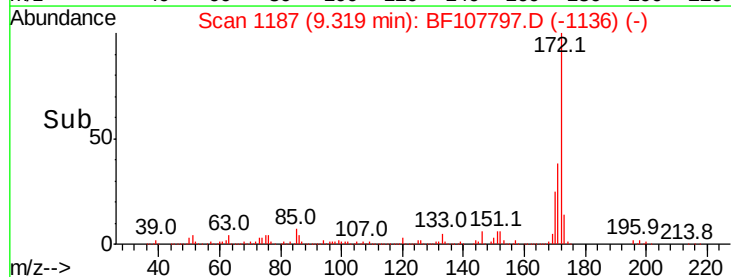


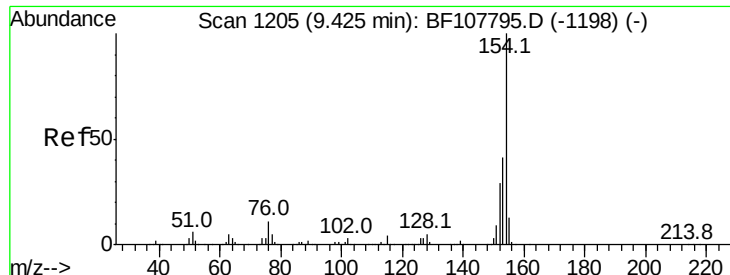
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 61.274 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

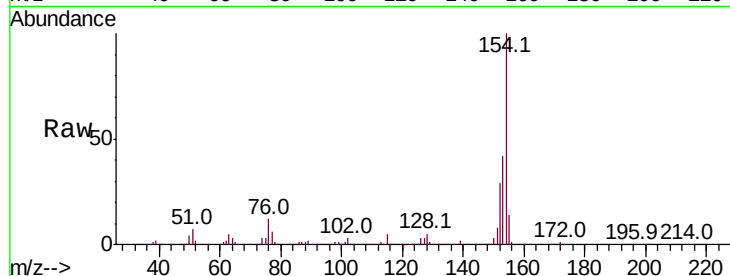
Tot Ion:154 Resp: 1530962

Ion Ratio Lower Upper

154 100

153 41.7 21.3 61.3

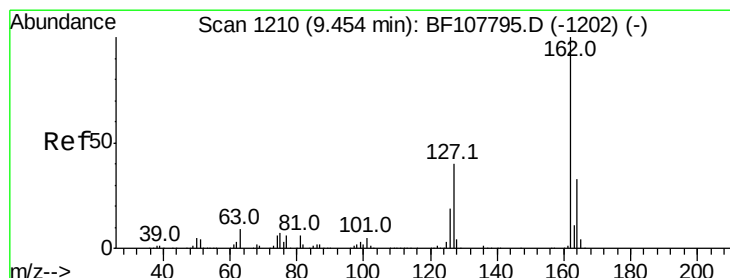
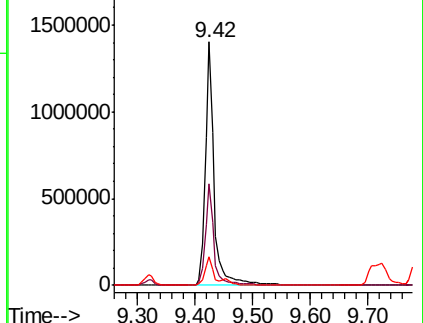
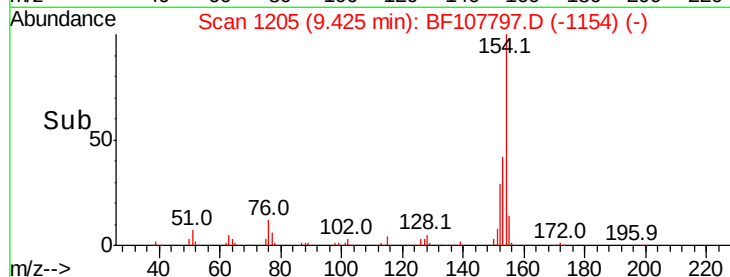
76 12.0 0.0 34.0



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: 61.485 ng

RT: 9.45 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

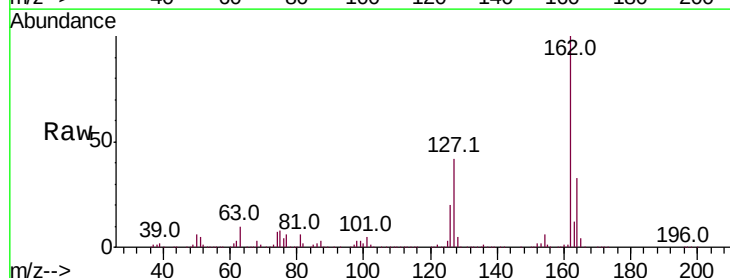
Tgt Ion:162 Resp: 1174262

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

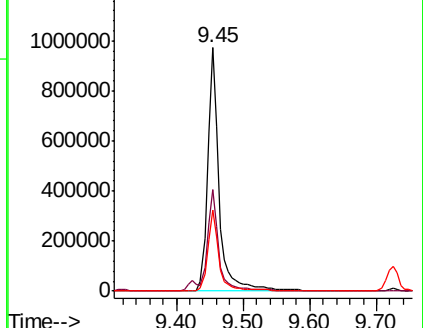
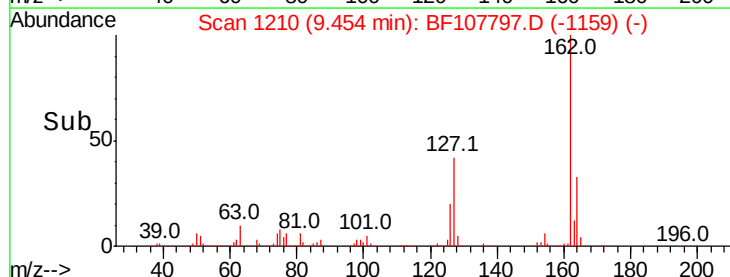
164 33.4 26.5 39.7

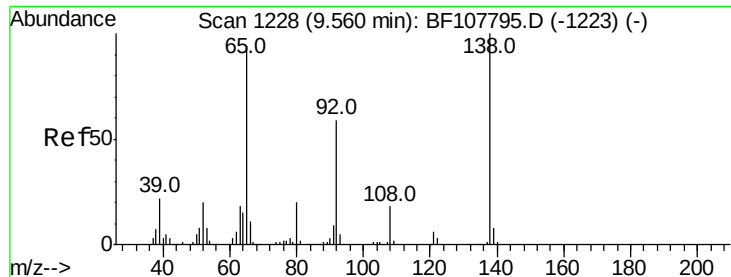


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

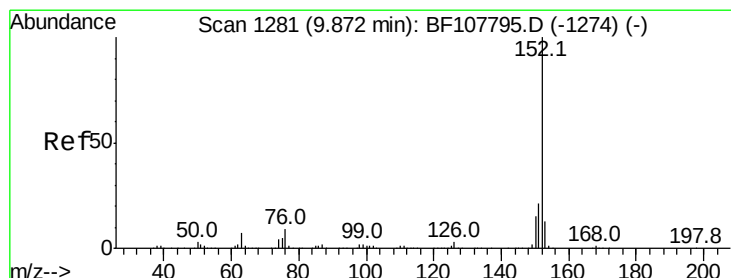
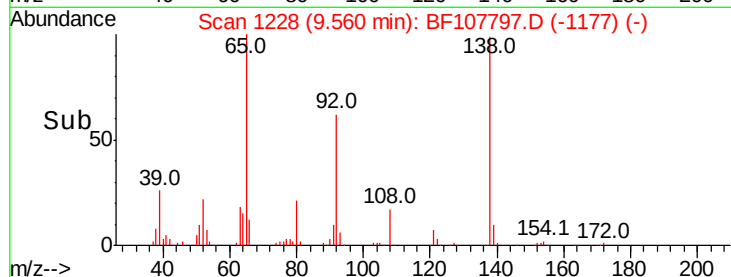
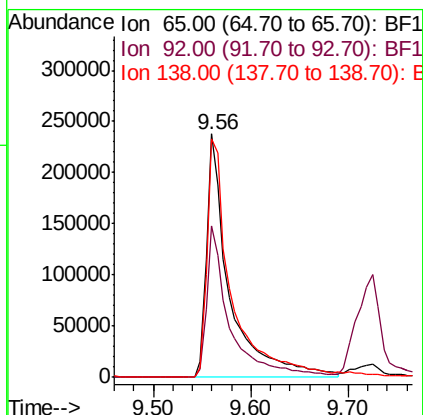
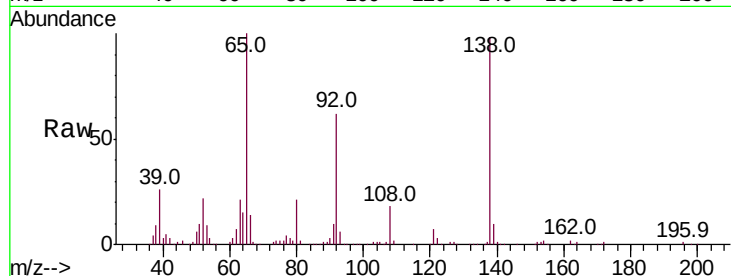




#47
2-Nitroaniline
Concen: 69.603 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

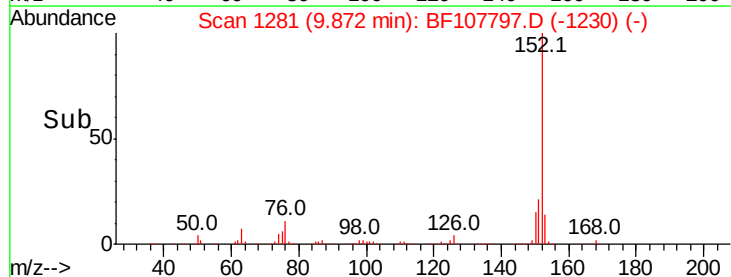
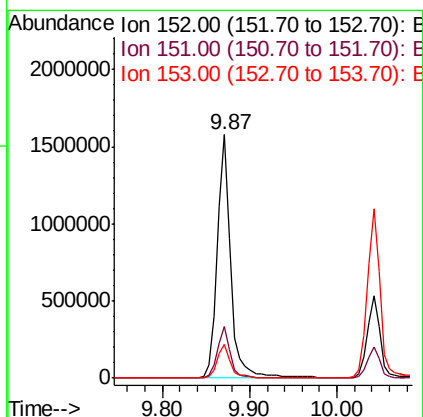
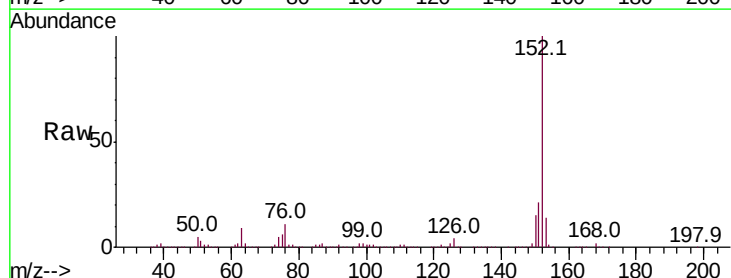
Instrument :
BNA_F
ClientSampleId :

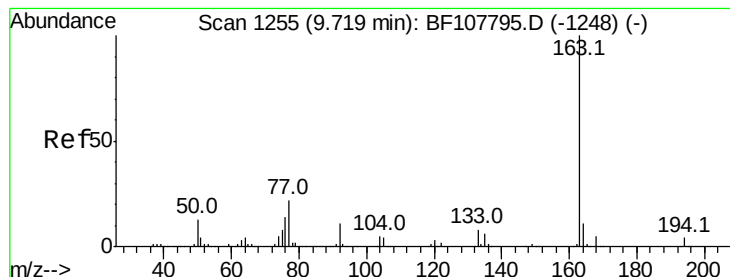
Tot Ion: 65 Resp: 387533
Ion Ratio Lower Upper
65 100
92 62.1 55.8 83.6
138 98.1 91.2 136.8



#48
Acenaphthylene
Concen: 59.147 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion: 152 Resp: 1696880
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.9 10.7 16.1





#49

Dimethylphthalate

Concen: 58.669 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

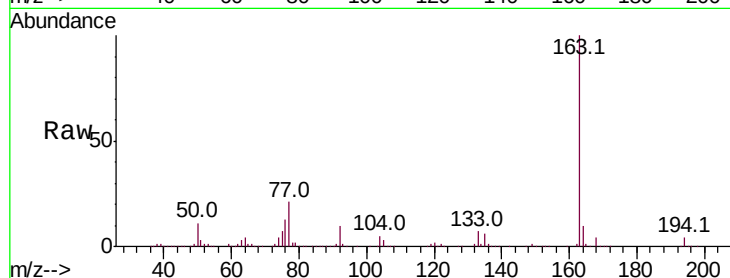
Tot Ion:163 Resp: 1268243

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

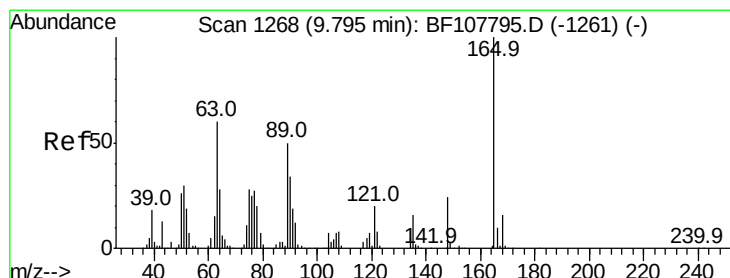
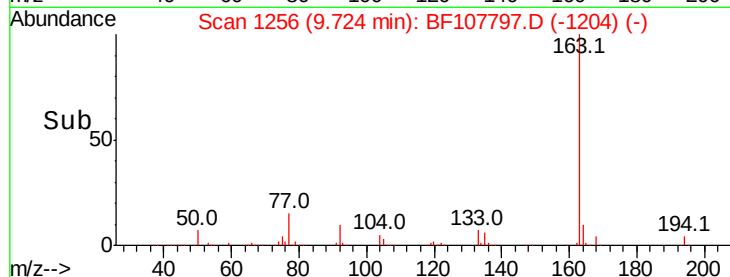
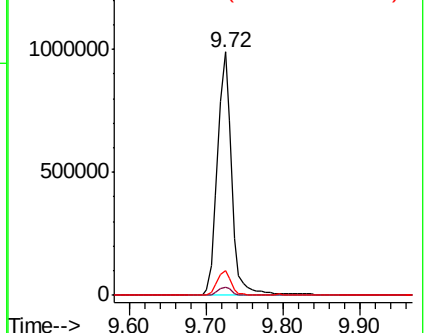
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 66.943 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

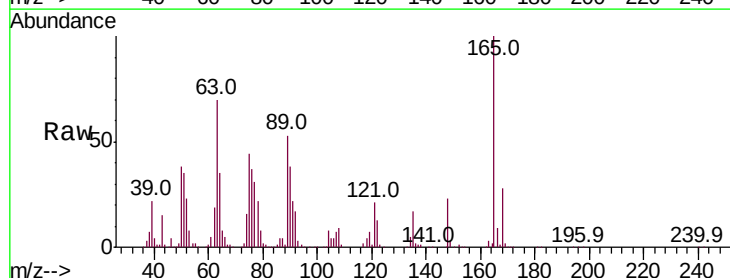
Tgt Ion:165 Resp: 287306

Ion Ratio Lower Upper

165 100

63 70.1 44.7 67.1#

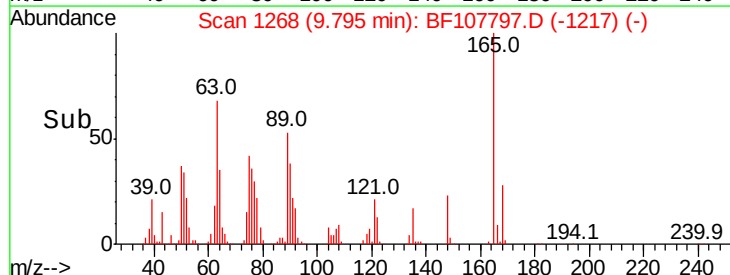
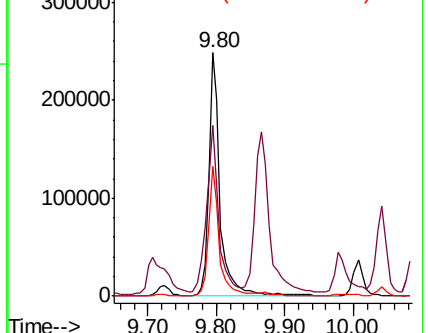
89 53.4 44.0 66.0

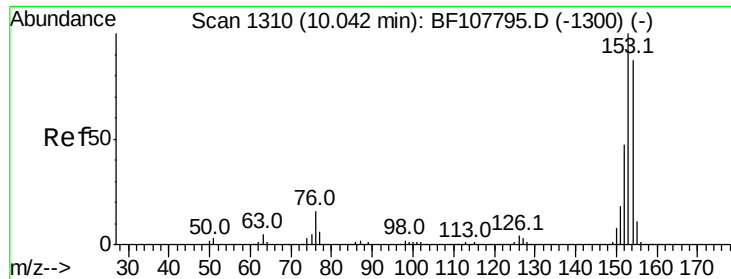


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 54.667 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampled :

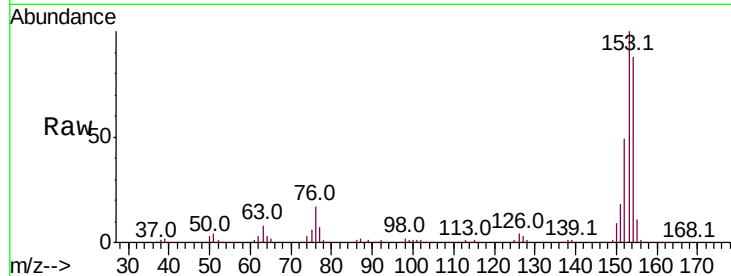
Tot Ion:154 Resp: 982671

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

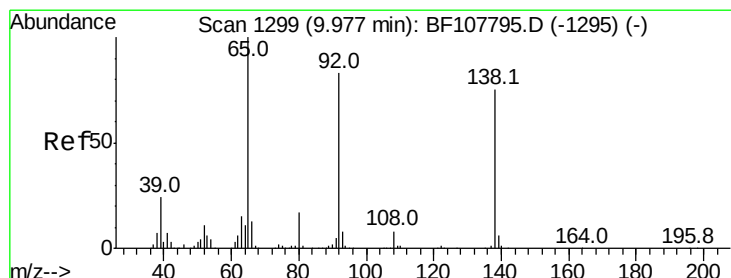
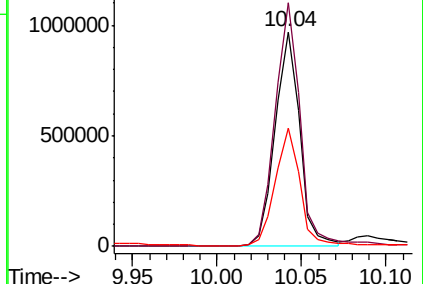
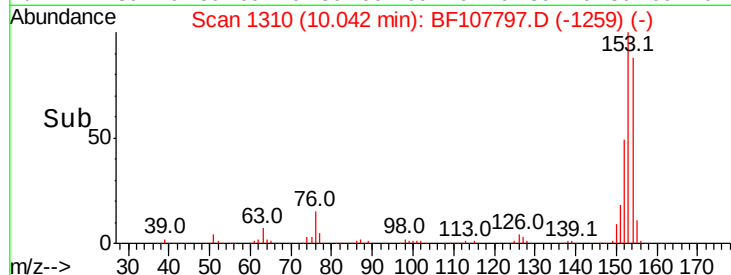
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 67.672 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

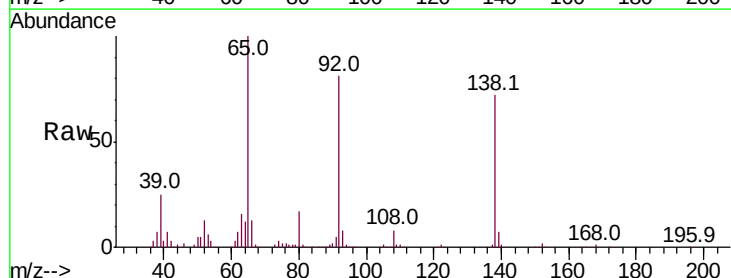
Tgt Ion:138 Resp: 353331

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

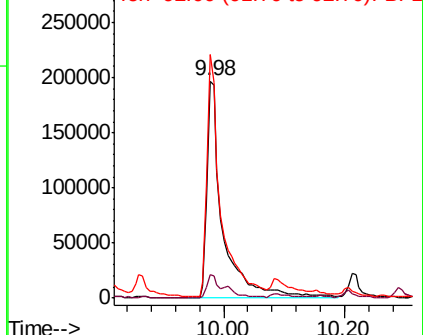
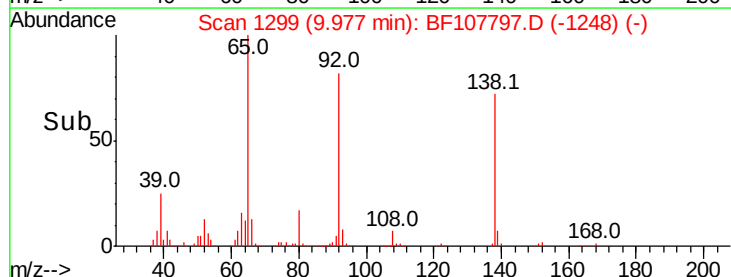
92 112.3 89.4 134.2

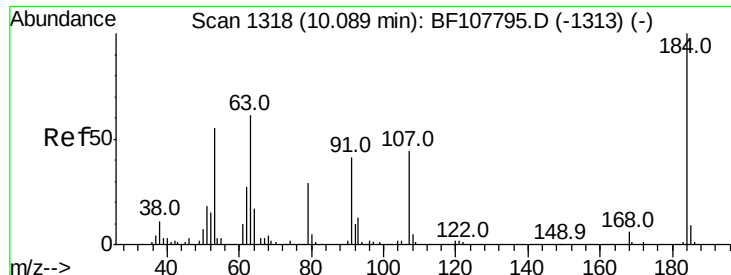


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

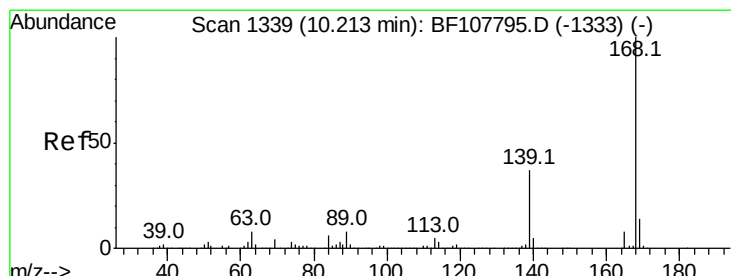
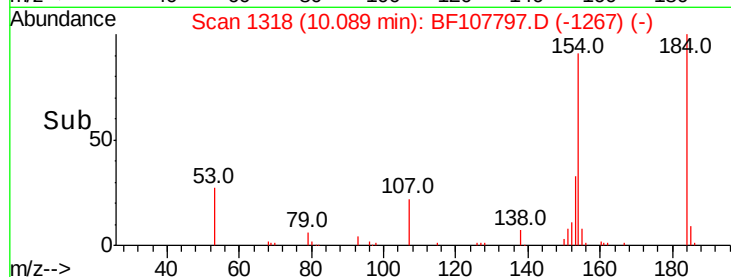
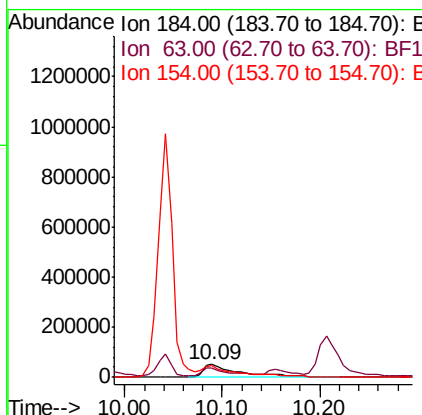
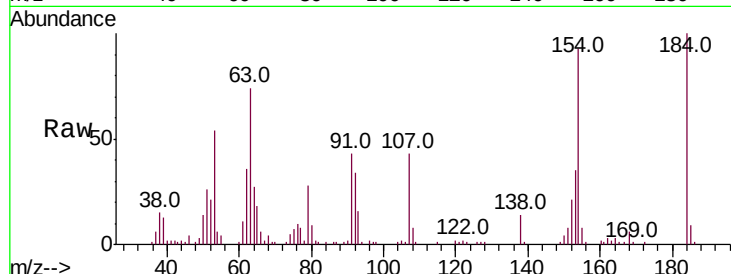




#53
 2,4-Dinitrophenol
 Concen: 98.486 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

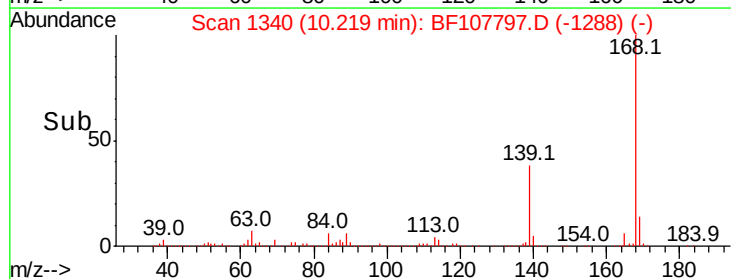
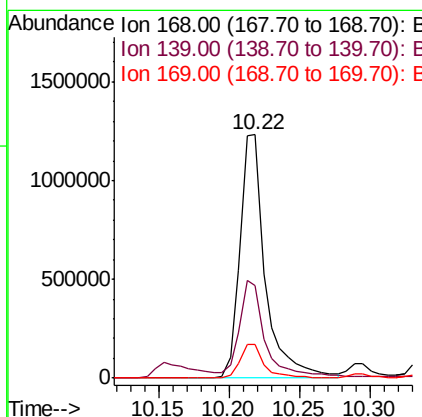
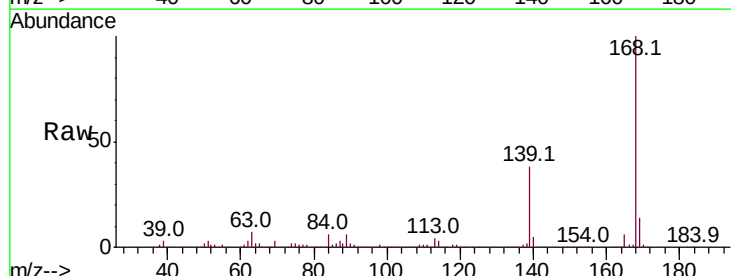
Instrument :
 BNA_F
 ClientSampleId :

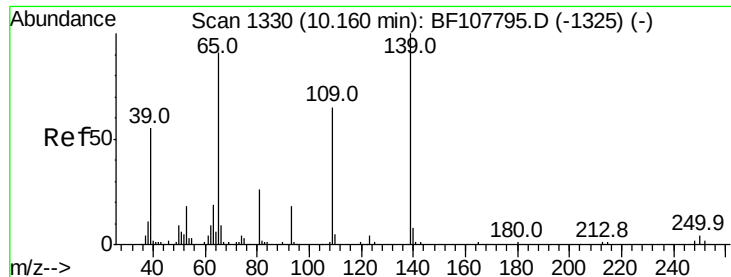
Tot Ion:184 Resp: 136277
 Ion Ratio Lower Upper
 184 100
 63 73.8 54.2 81.2
 154 92.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 58.452 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Tgt Ion:168 Resp: 1546844
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 13.8 10.9 16.3

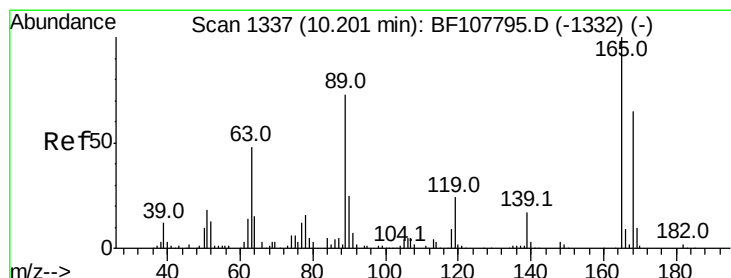
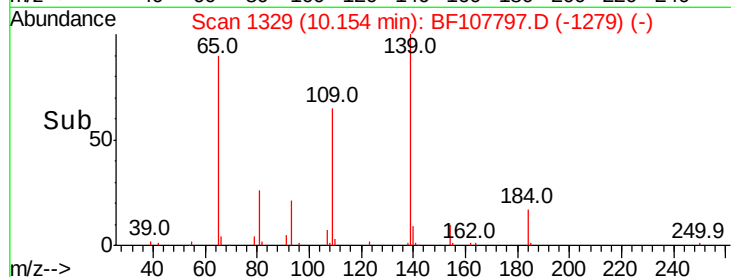
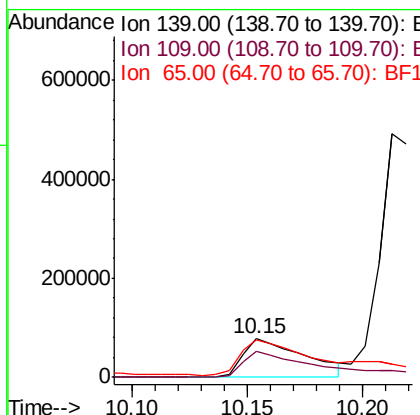
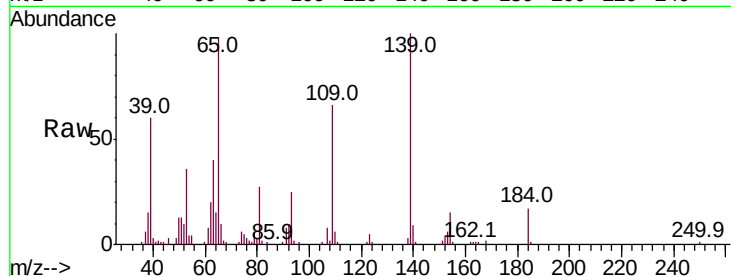




#55
4-Nitrophenol
Concen: 36.919 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

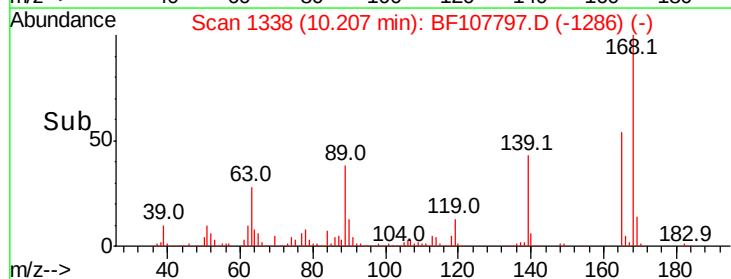
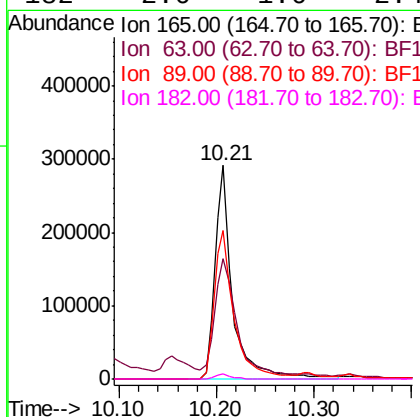
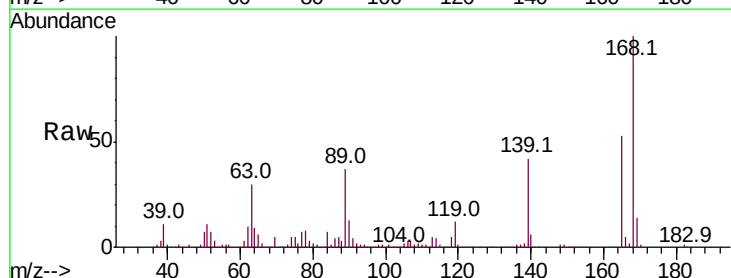
Instrument :
BNA_F
ClientSampleId :

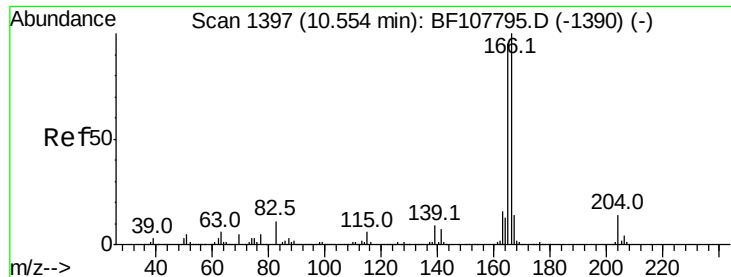
Tot Ion:139 Resp: 144322
Ion Ratio Lower Upper
139 100
109 66.1 48.4 88.4
65 98.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 69.955 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion:165 Resp: 362409
Ion Ratio Lower Upper
165 100
63 56.3 36.4 54.6#
89 69.4 57.8 86.6
182 2.6 1.6 2.4#

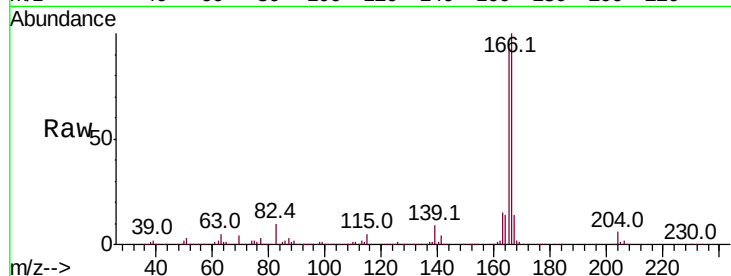




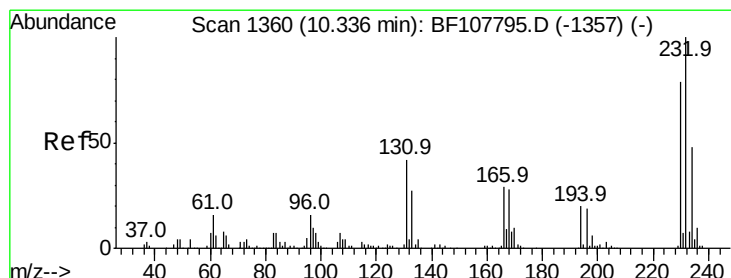
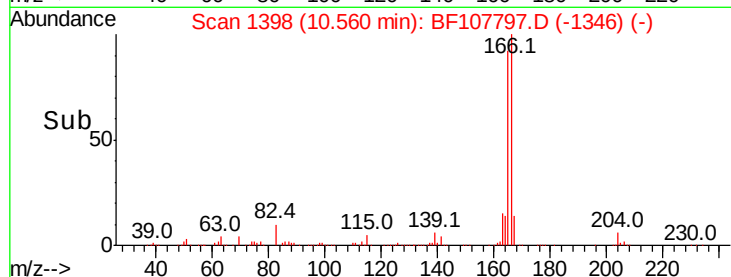
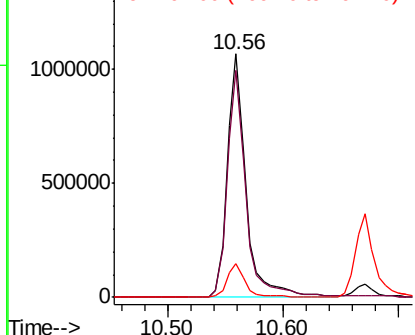
#57
 Fluorene
 Concen: 63.017 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 1189722
 Ion Ratio Lower Upper
 166 100
 165 93.0 79.8 119.8
 167 13.8 10.6 16.0

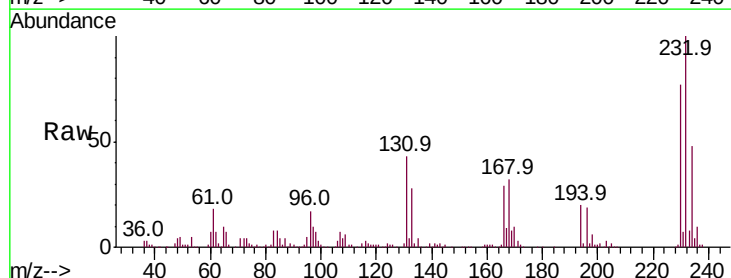


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

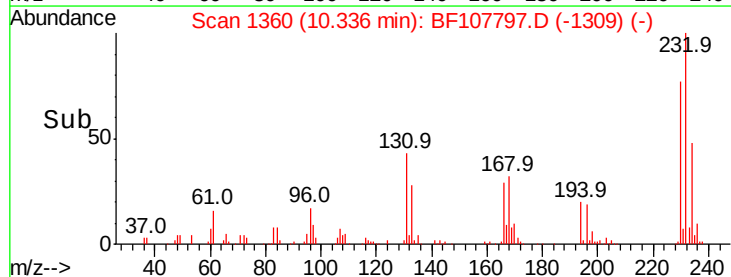
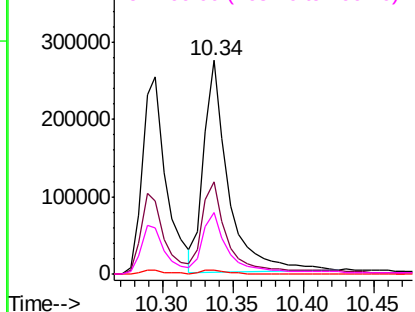


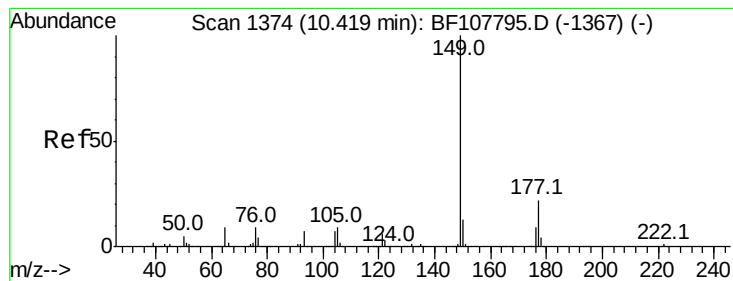
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.864 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Tgt Ion:232 Resp: 329513
 Ion Ratio Lower Upper
 232 100
 131 45.8 43.8 65.8
 130 2.2 2.1 3.1
 166 32.4 27.8 41.6



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





#59

Diethylphthalate

Concen: 57.550 ng

RT: 10.42 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

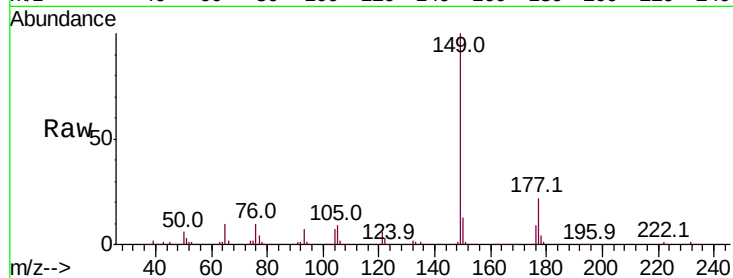
Tot Ion:149 Resp: 1299264

Ion Ratio Lower Upper

149 100

177 22.1 16.1 24.1

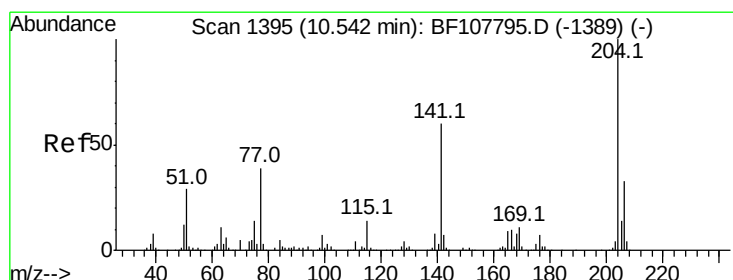
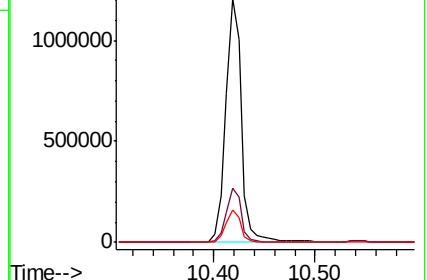
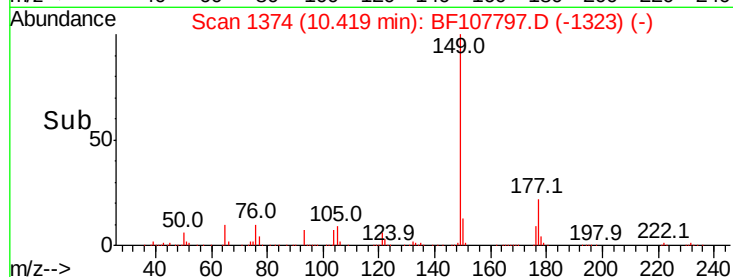
150 13.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 61.041 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

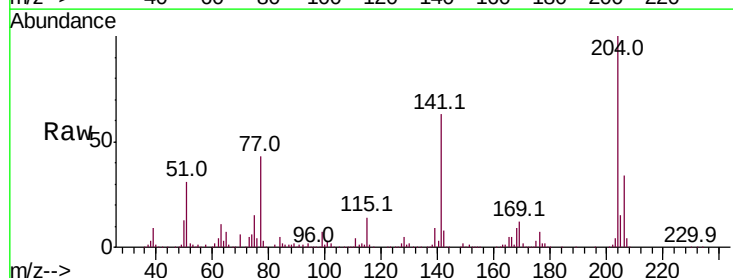
Tgt Ion:204 Resp: 651501

Ion Ratio Lower Upper

204 100

206 33.8 26.5 39.7

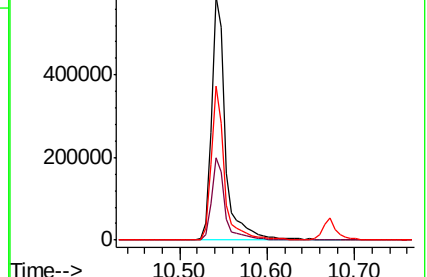
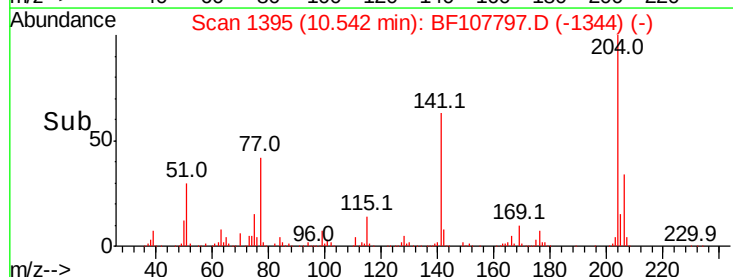
141 63.3 54.6 81.8

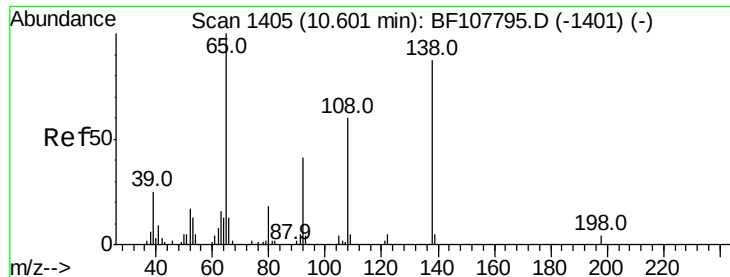


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 72.030 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampled :

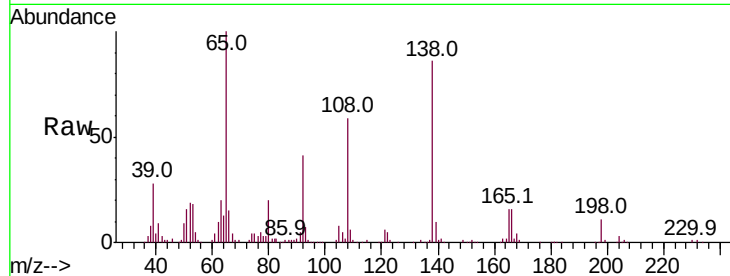
Tot Ion:138 Resp: 315973

Ion Ratio Lower Upper

138 100

92 47.6 30.2 70.2

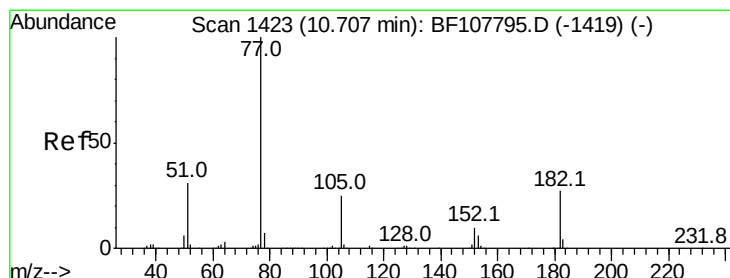
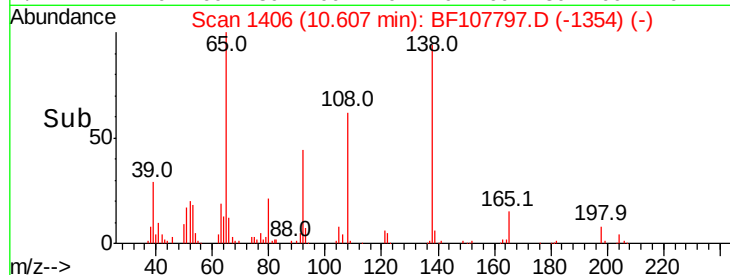
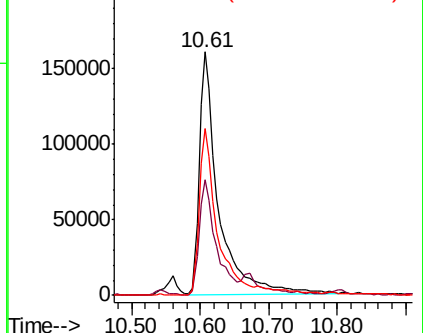
108 68.3 52.5 92.5



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: 57.568 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Tgt Ion: 77 Resp: 1218694

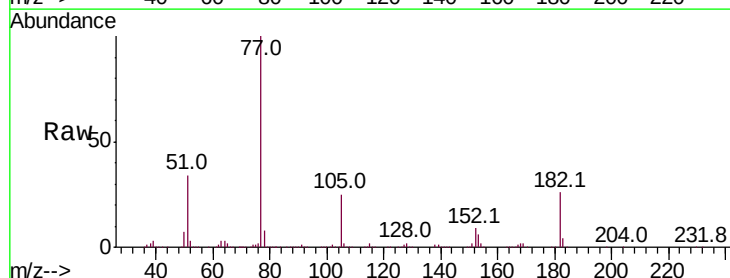
Ion Ratio Lower Upper

77 100

182 25.8 1.7 41.7

105 24.8 3.0 43.0

51 33.8 9.9 49.9

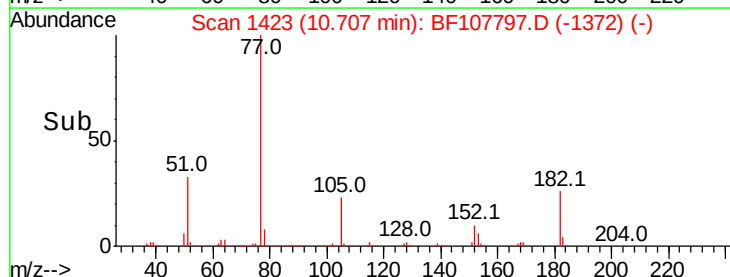
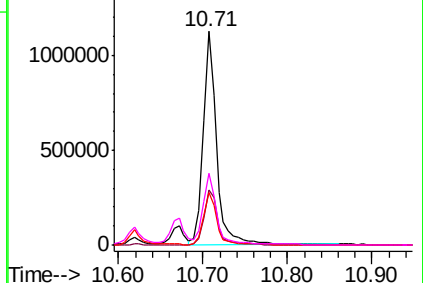


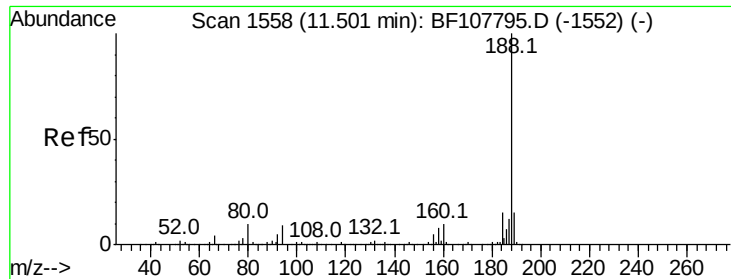
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

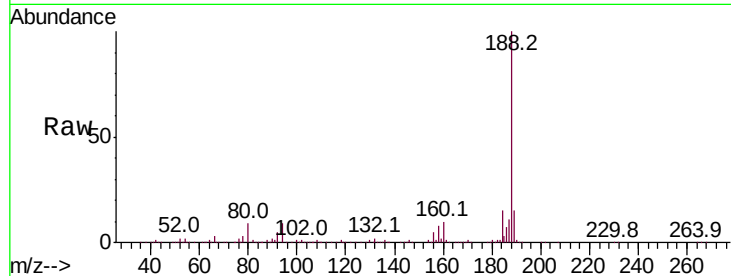
Tot Ion:188 Resp: 600101

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

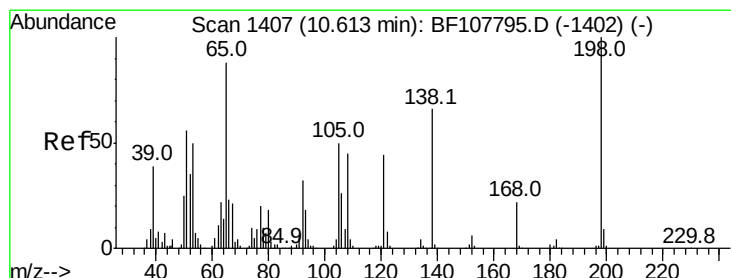
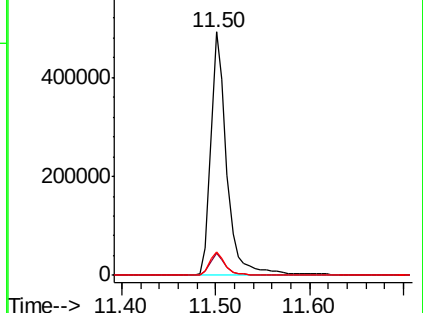
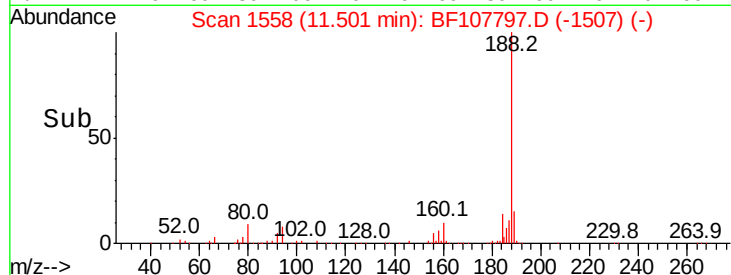
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 82.829 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

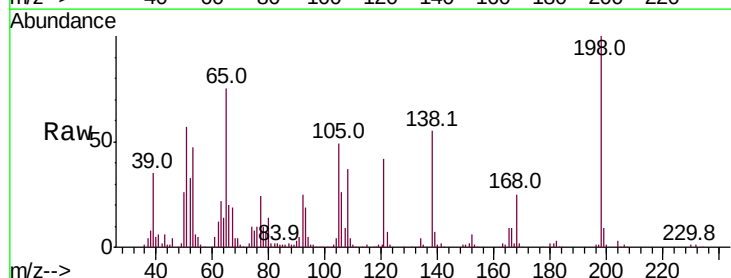
Tgt Ion:198 Resp: 208064

Ion Ratio Lower Upper

198 100

51 57.4 37.7 77.7

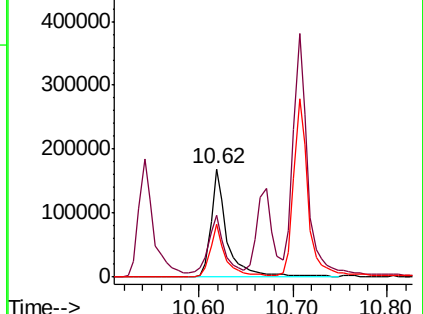
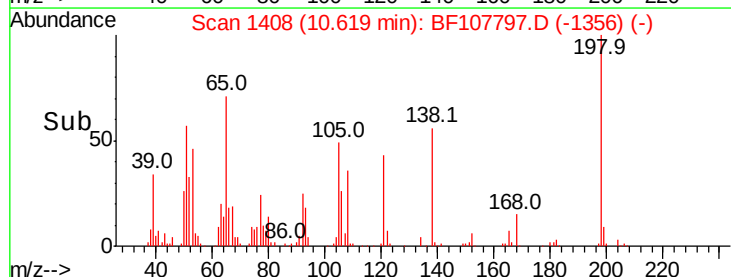
105 48.7 36.3 76.3

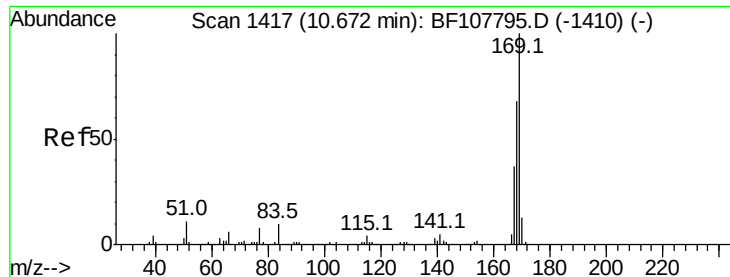


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 55.070 ng

RT: 10.67 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

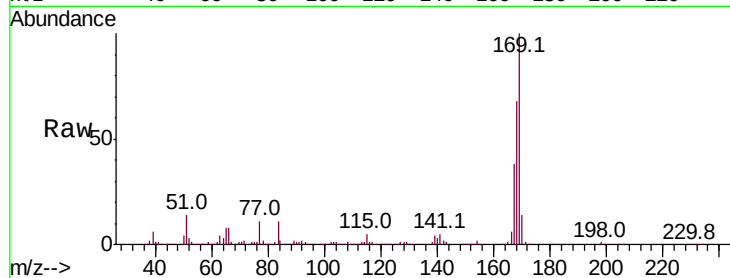
Tot Ion:169 Resp: 1122371

Ion Ratio Lower Upper

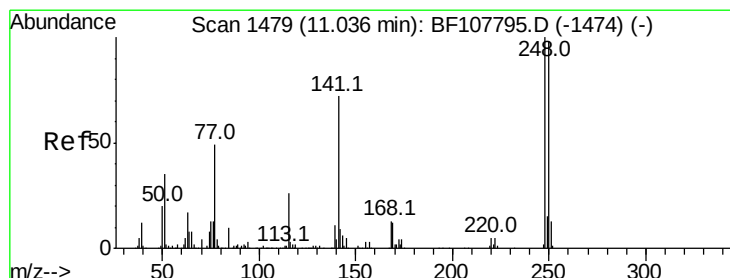
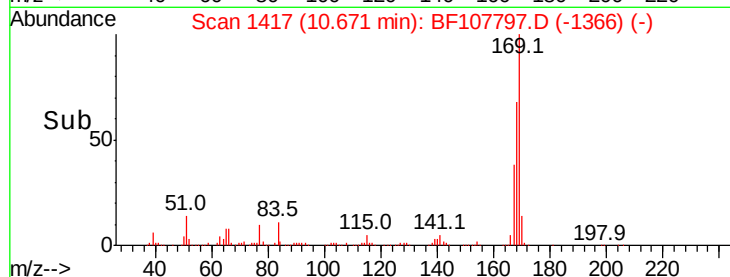
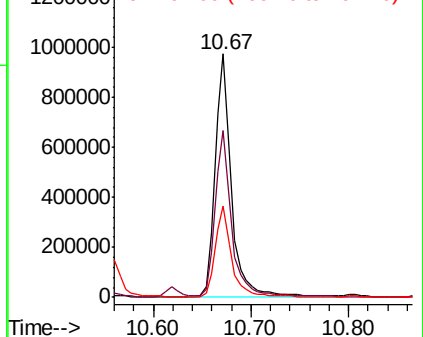
169 100

168 68.3 54.4 81.6

167 37.7 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 55.843 ng

RT: 11.04 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

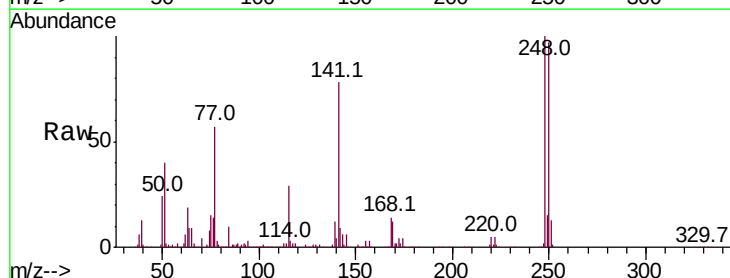
Tgt Ion:248 Resp: 394488

Ion Ratio Lower Upper

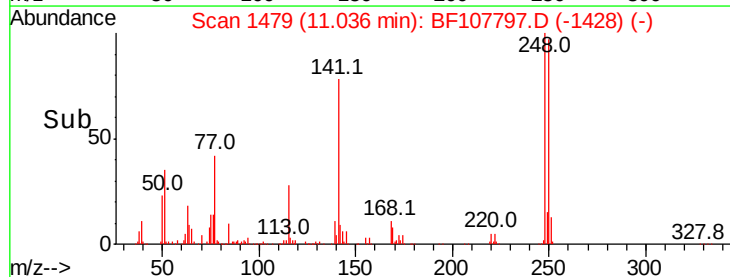
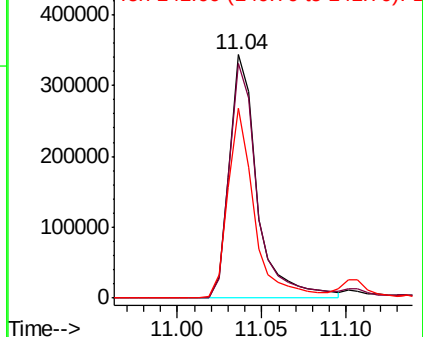
248 100

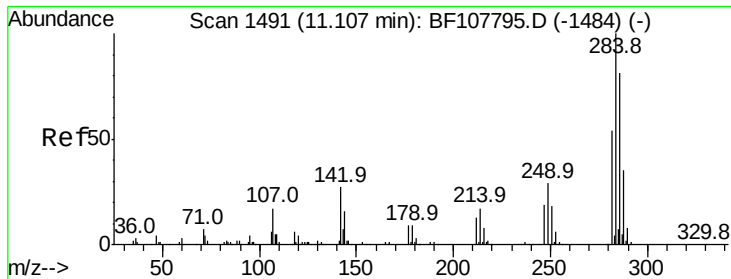
250 96.6 76.9 115.3

141 78.2 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: 57.047 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

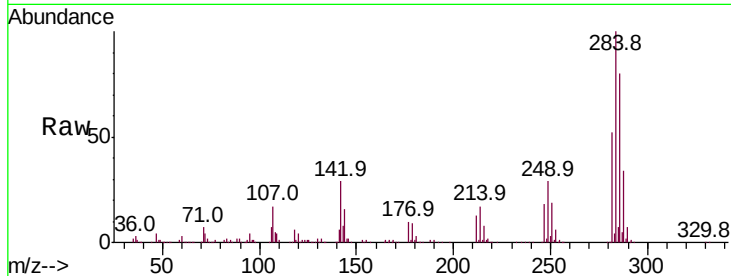
Tot Ion:284 Resp: 443413

Ion Ratio Lower Upper

284 100

142 29.1 34.6 52.0#

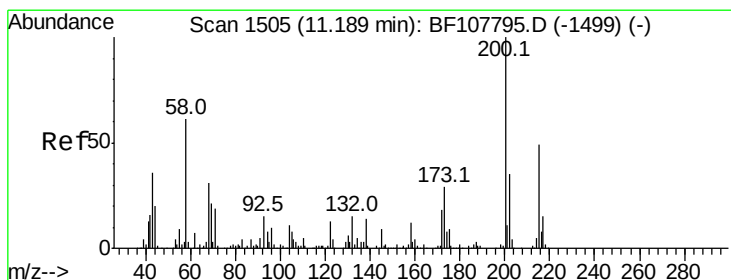
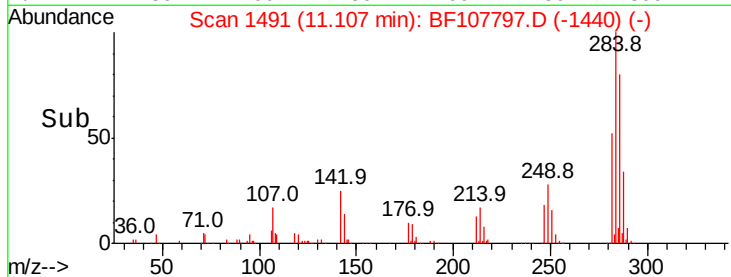
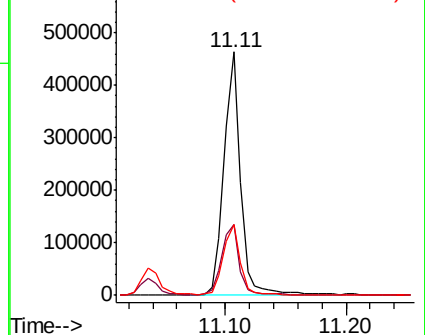
249 29.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.333 ng

RT: 11.19 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

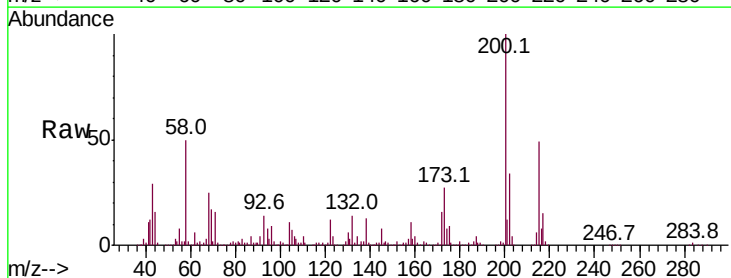
Tgt Ion:200 Resp: 331876

Ion Ratio Lower Upper

200 100

173 27.0 8.6 48.6

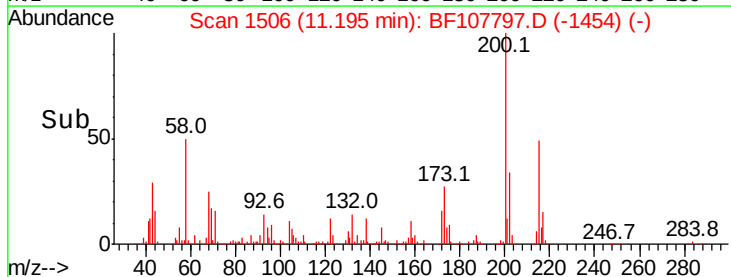
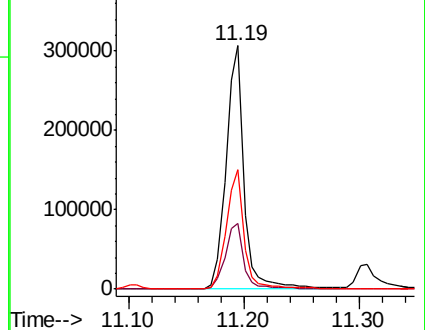
215 49.2 25.1 65.1

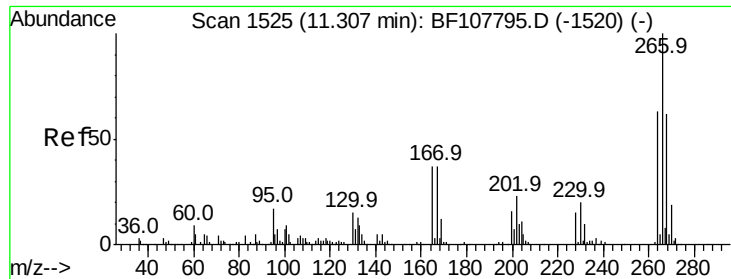


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 50.738 ng

RT: 11.31 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampled :

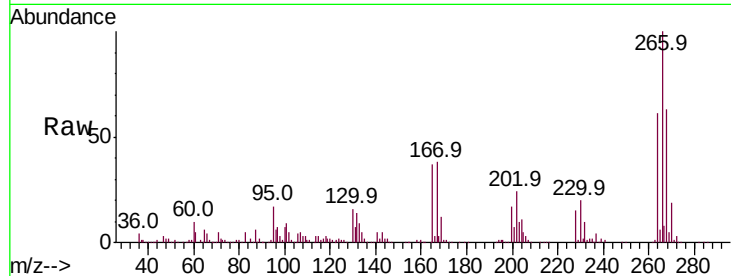
Tot Ion:266 Resp: 246332

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

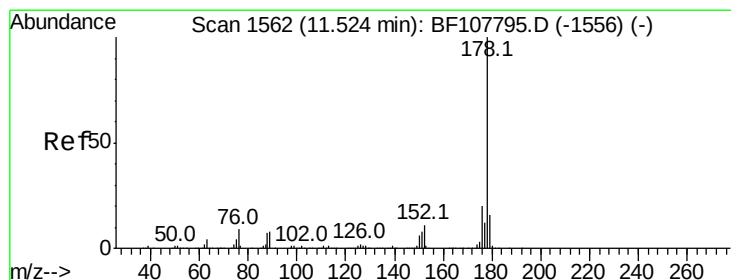
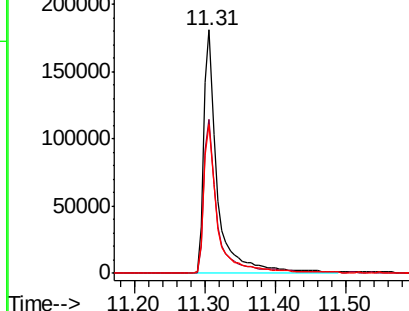
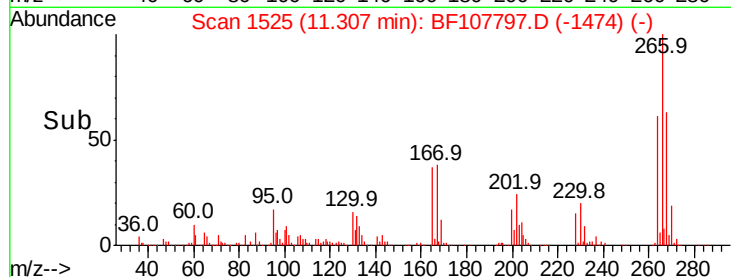
264 61.2 49.5 74.3



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: 55.271 ng

RT: 11.53 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

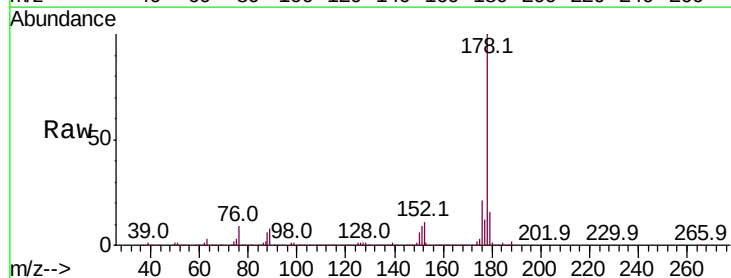
Tgt Ion:178 Resp: 1616304

Ion Ratio Lower Upper

178 100

176 20.9 15.8 23.8

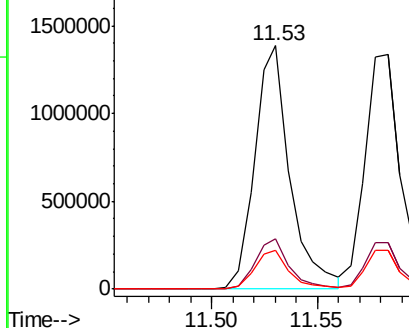
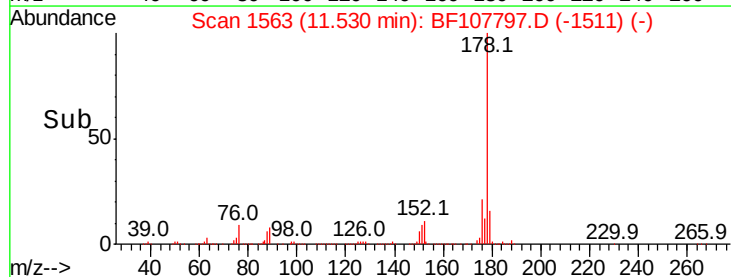
179 15.9 13.0 19.6

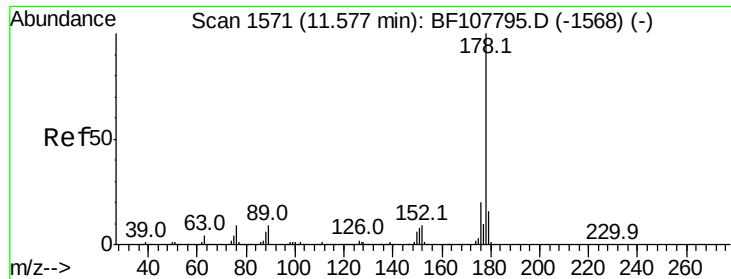


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

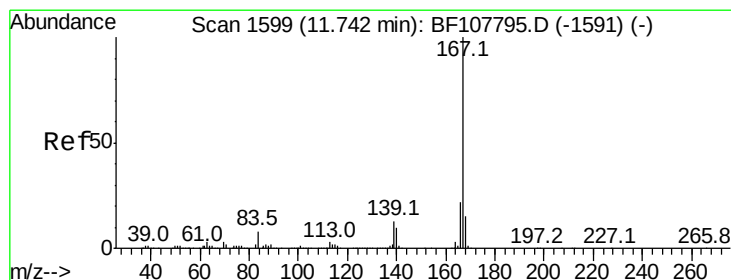
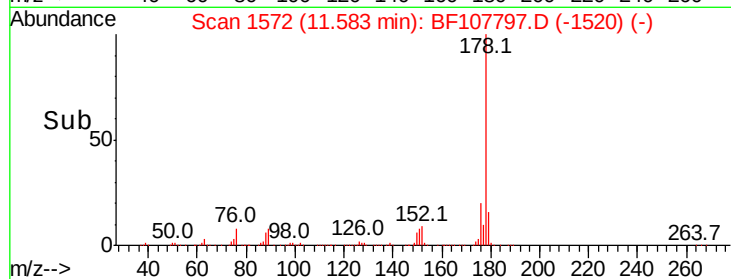
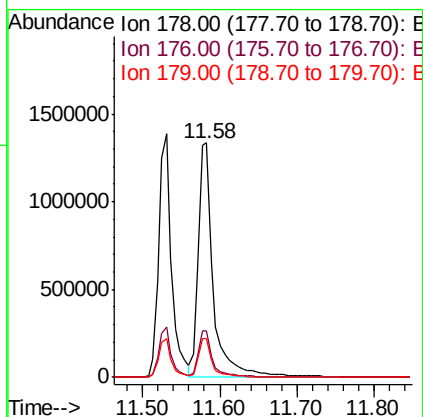
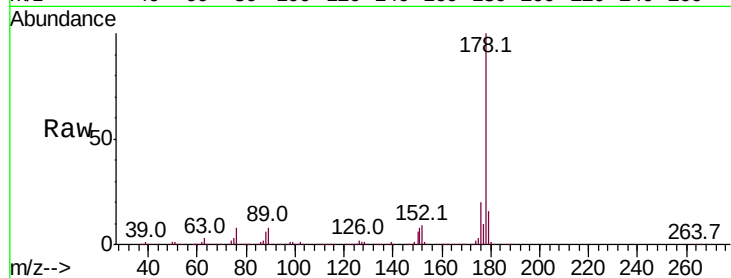




#71
 Anthracene
 Concen: 61.766 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

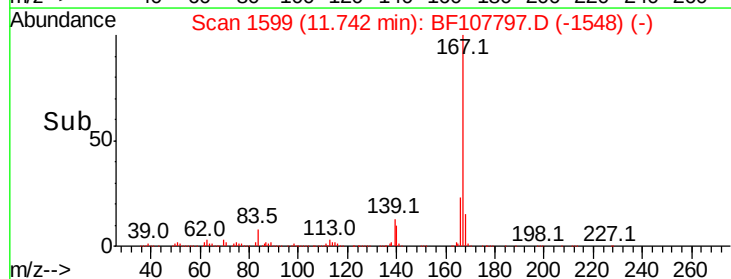
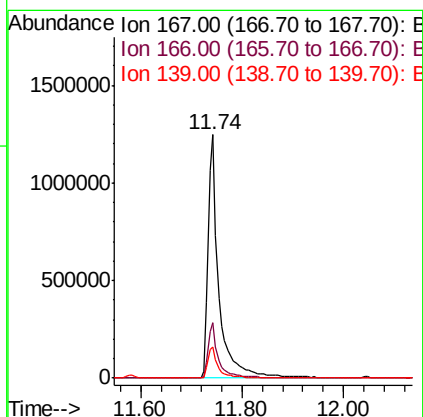
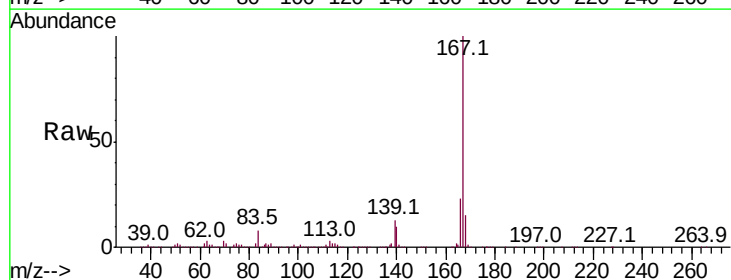
Instrument :
 BNA_F
 ClientSampleId :

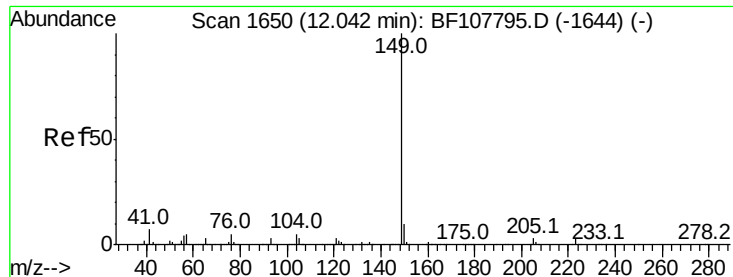
Tot Ion:178 Resp: 1818600
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.4 12.6 19.0



#72
 Carbazole
 Concen: 60.504 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Tgt Ion:167 Resp: 1852491
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.9 10.9 16.3

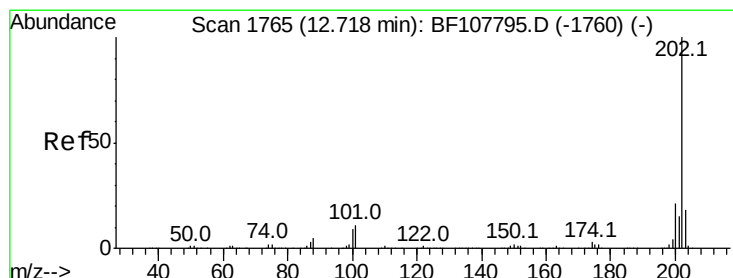
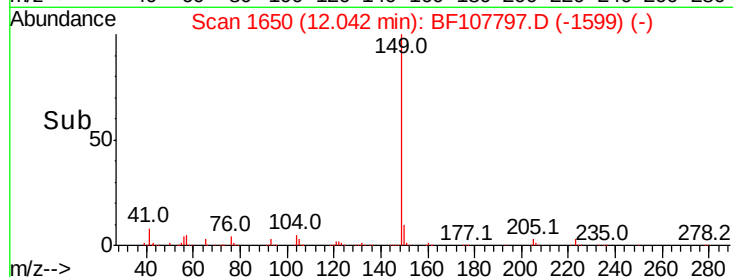
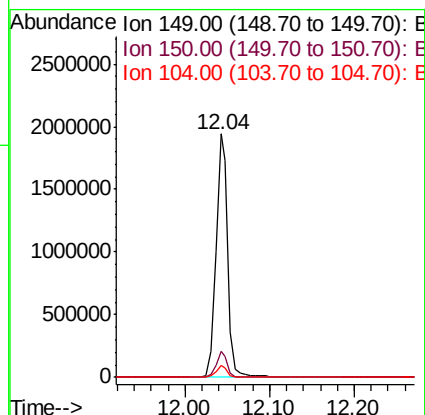
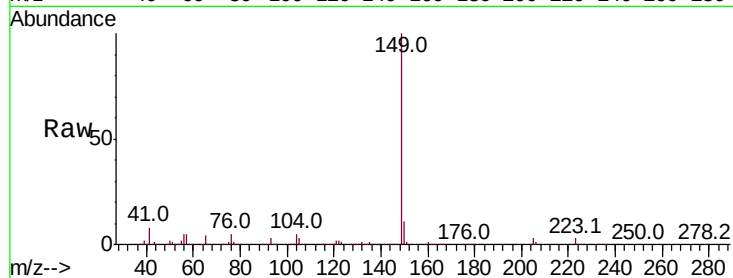




#73
Di-n-butylphthalate
Concen: 56.001 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

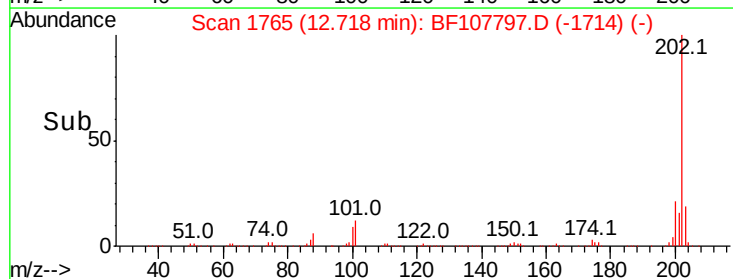
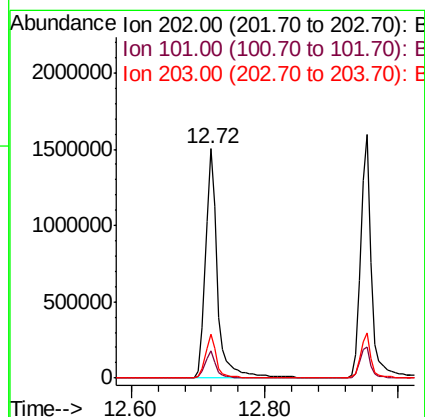
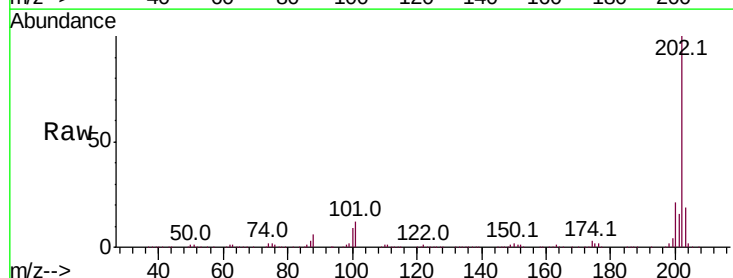
Instrument :
BNA_F
ClientSampled :

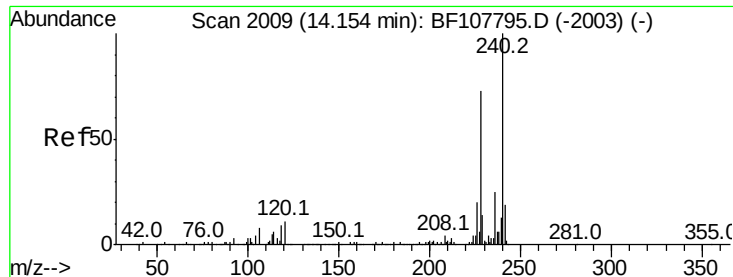
Tot Ion:149 Resp: 1941104
Ion Ratio Lower Upper
149 100
150 10.5 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 58.269 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion:202 Resp: 1828486
Ion Ratio Lower Upper
202 100
101 11.9 0.0 34.1
203 19.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampled :

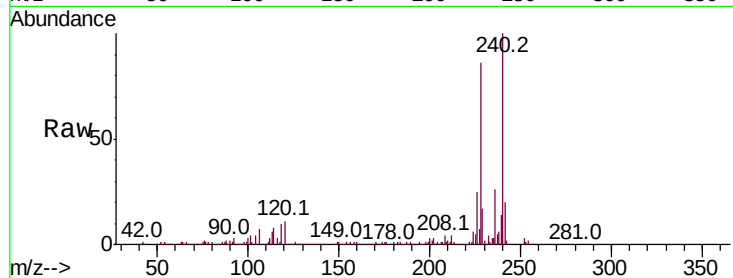
Tot Ion:240 Resp: 408575

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

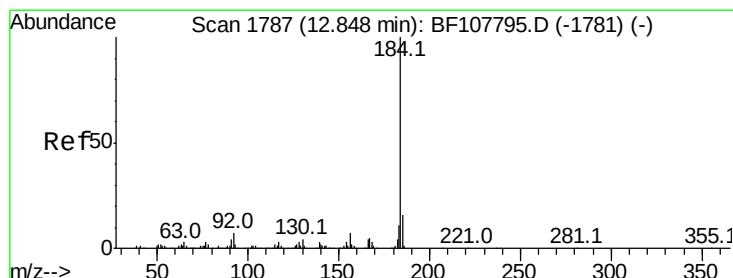
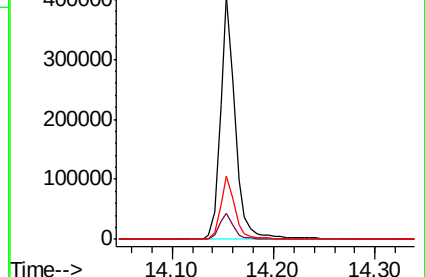
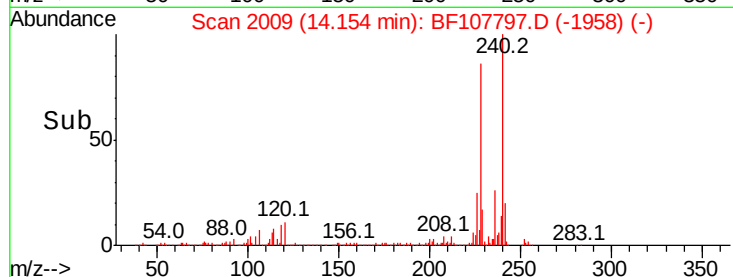
236 25.7 20.7 31.1



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: 61.744 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

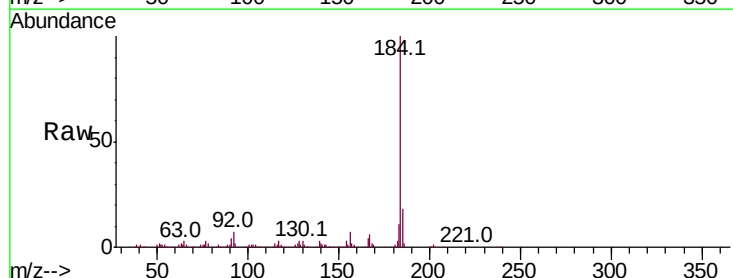
Tgt Ion:184 Resp: 726496

Ion Ratio Lower Upper

184 100

185 18.1 12.6 18.8

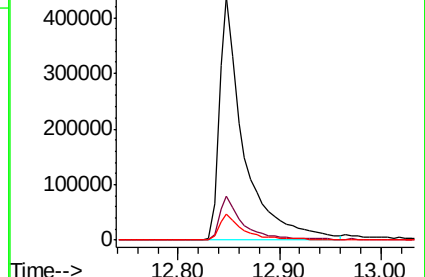
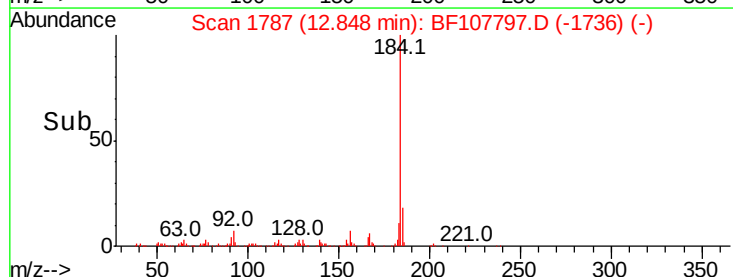
183 10.8 9.3 13.9

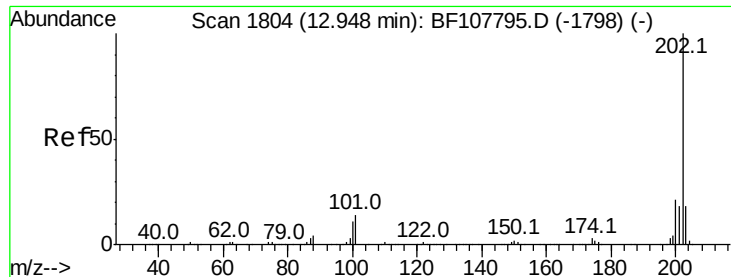


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

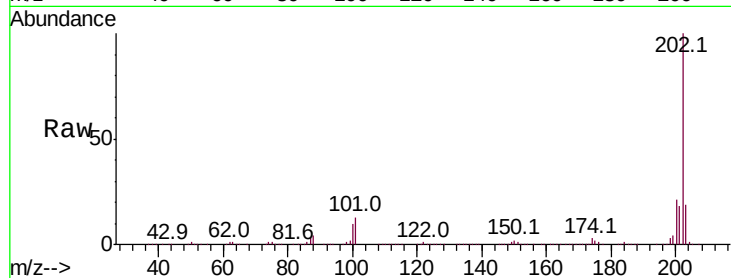




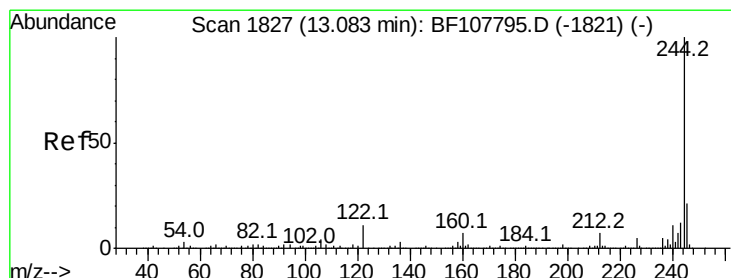
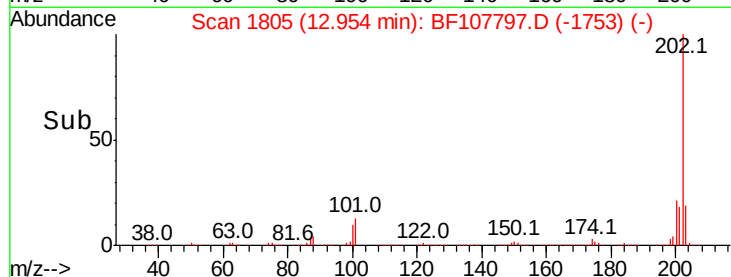
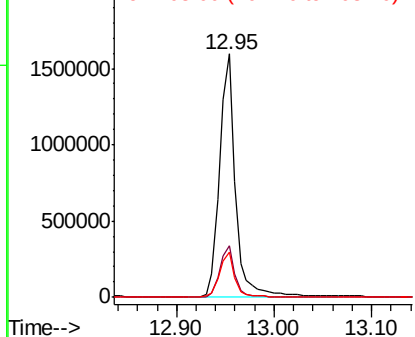
#77
Pvrene
Concen: 64.552 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1804043
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.6 14.3 21.5

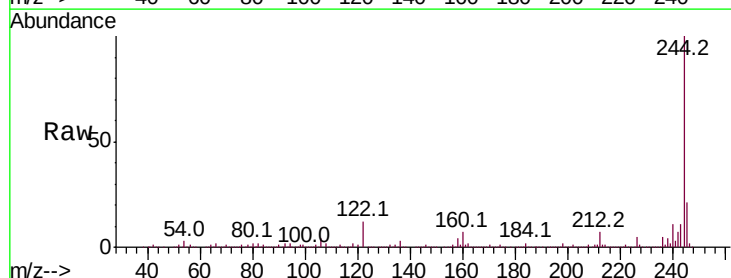


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

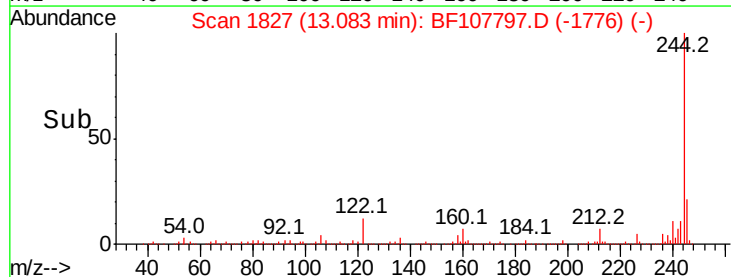
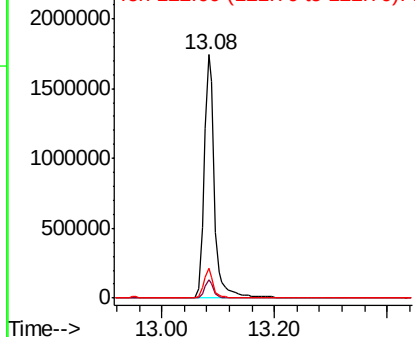


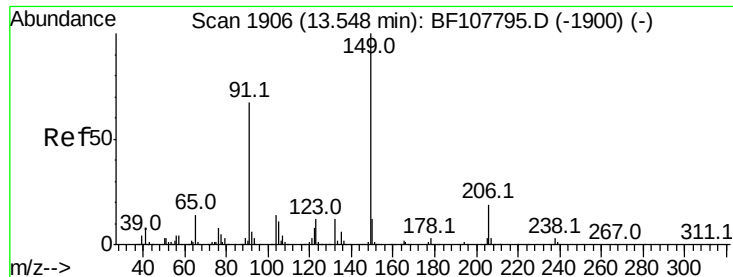
#78
Terphenyl-d14
Concen: 140.117 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion:244 Resp: 2236188
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 12.1 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: 65.171 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampled :

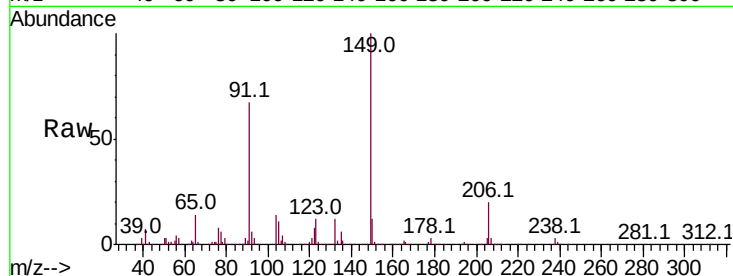
Tot Ion:149 Resp: 783278

Ion Ratio Lower Upper

149 100

91 66.7 56.8 85.2

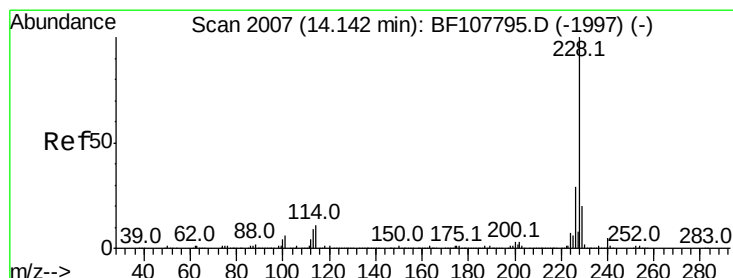
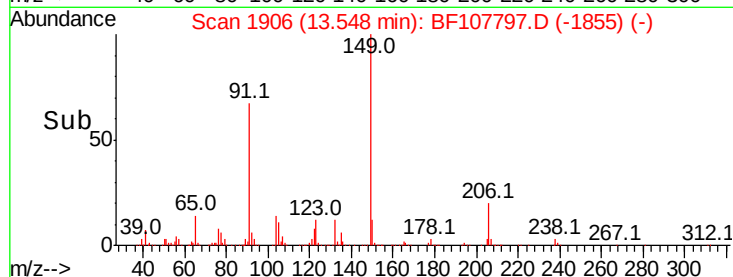
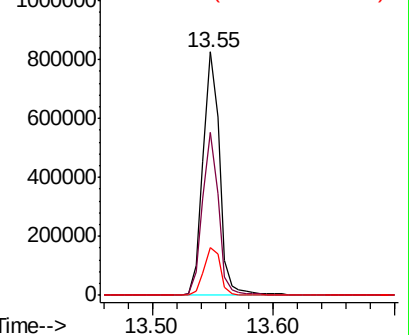
206 19.8 14.1 21.1



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: 55.181 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

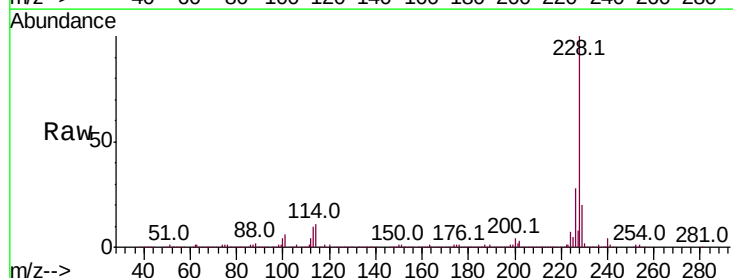
Tgt Ion:228 Resp: 1321211

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

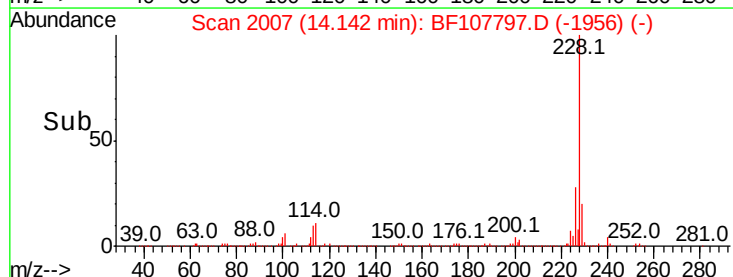
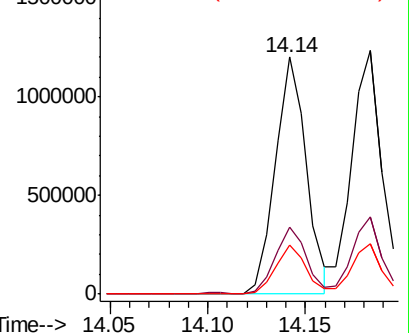
229 20.5 15.8 23.6

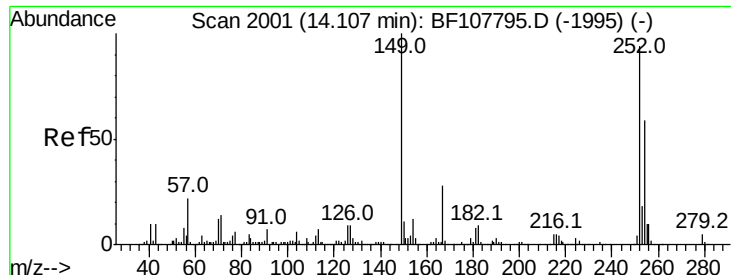


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 63.537 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

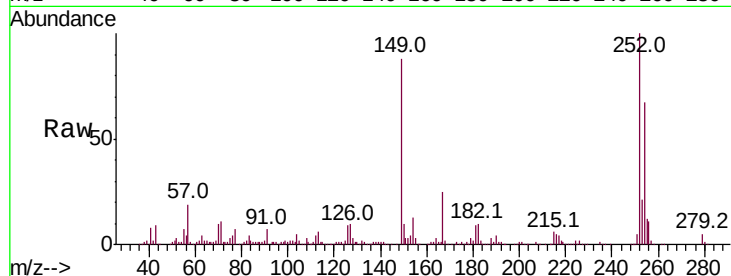
Tot Ion:252 Resp: 481706

Ion Ratio Lower Upper

252 100

254 67.3 50.4 75.6

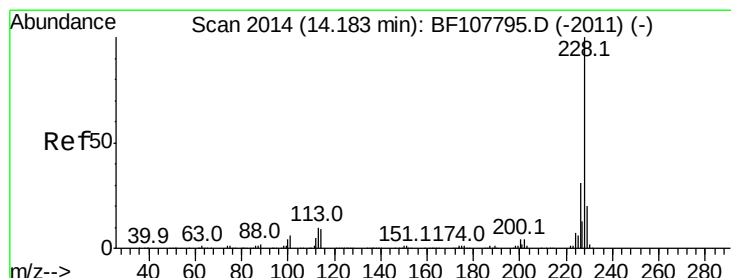
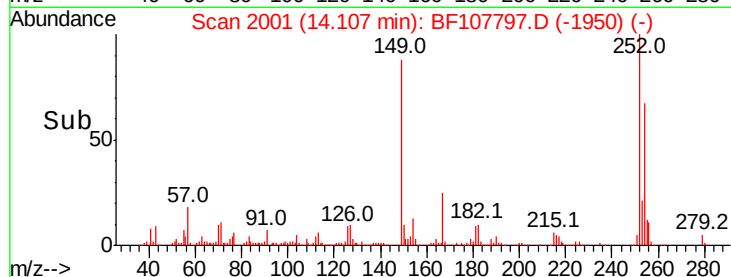
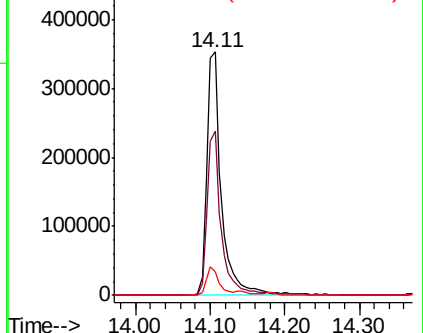
126 9.4 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 63.866 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

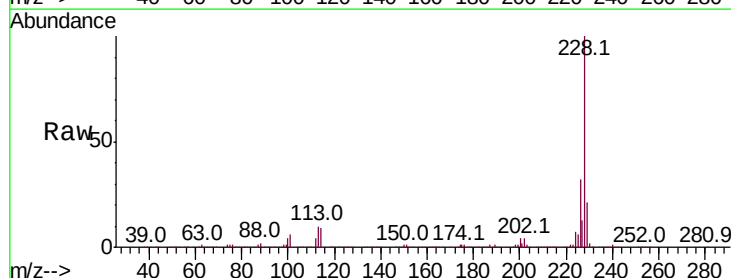
Tgt Ion:228 Resp: 1468920

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

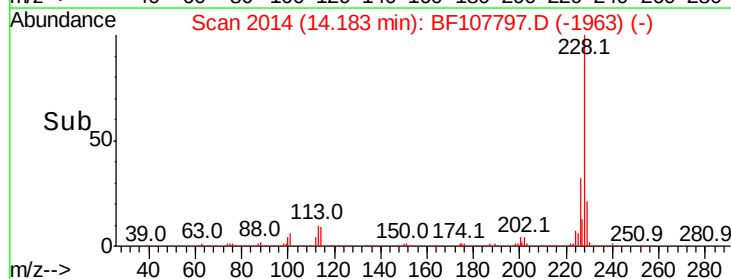
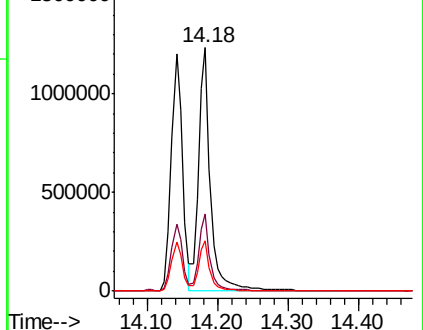
229 20.5 16.2 24.4

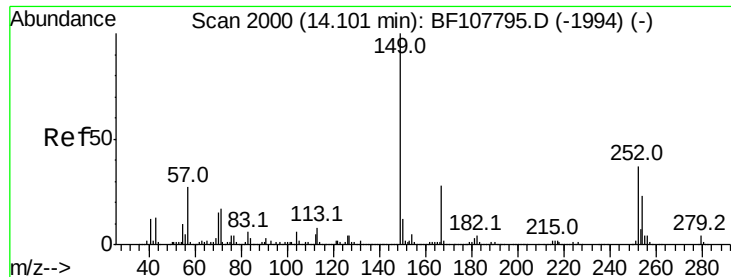


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.095 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

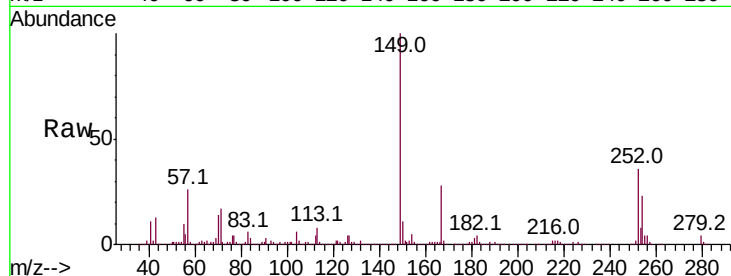
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 917356

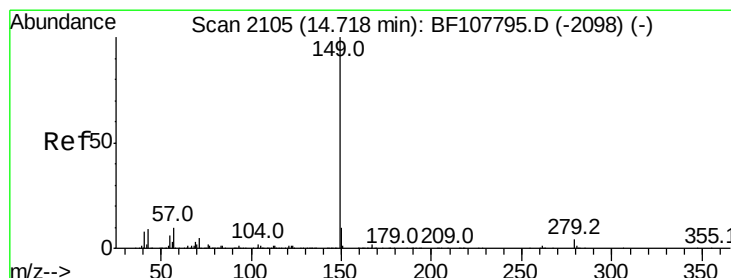
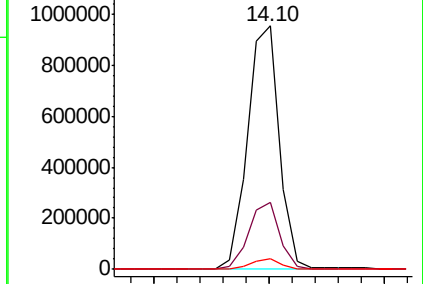
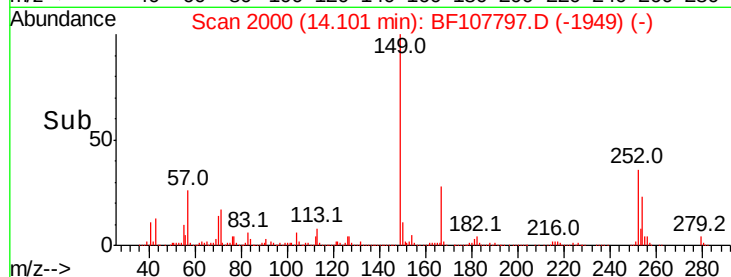
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	4.4	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.249 ng

RT: 14.72 min Scan# 2105

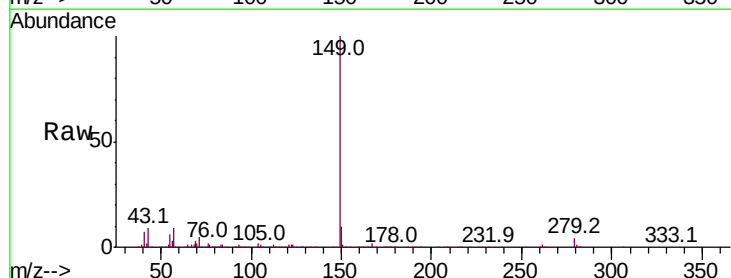
Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Tgt Ion:149 Resp: 1456339

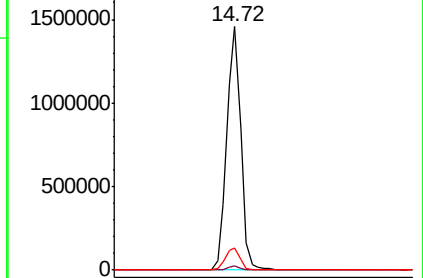
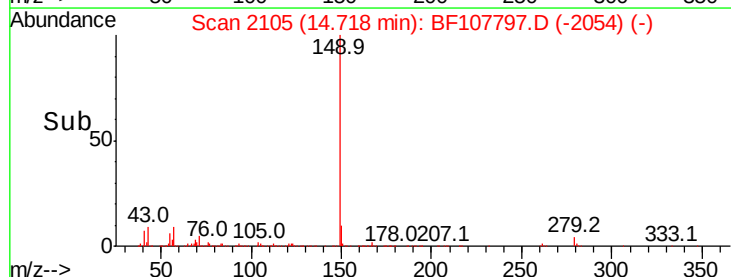
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.4	12.6

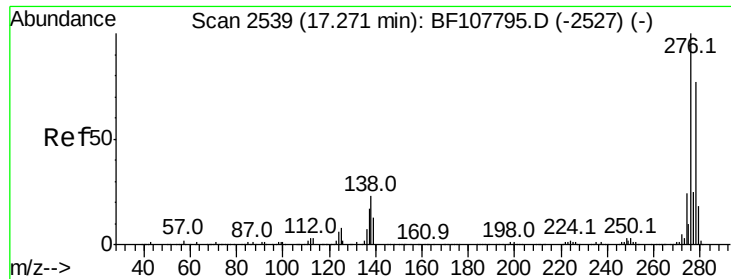


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

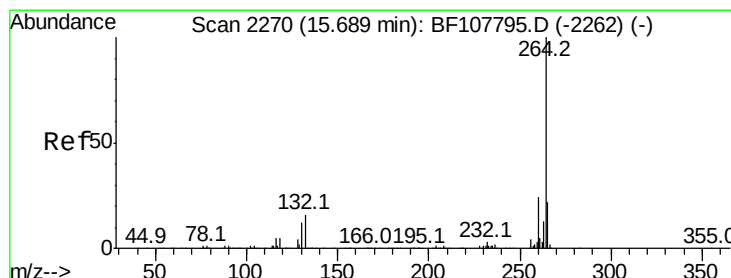
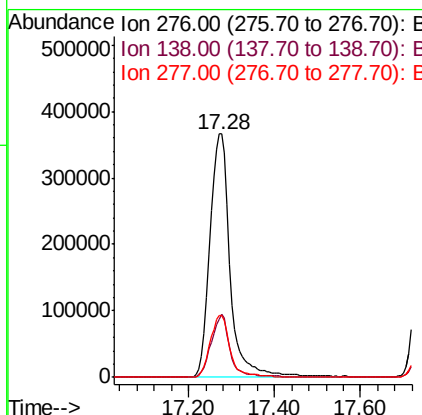
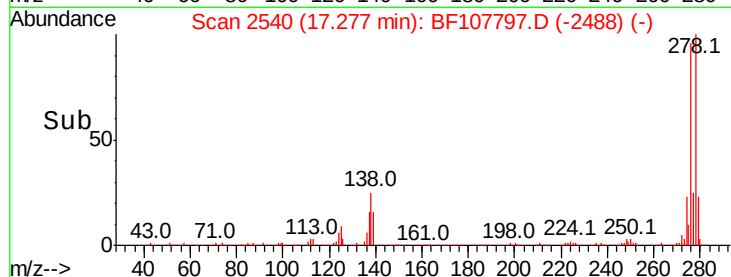
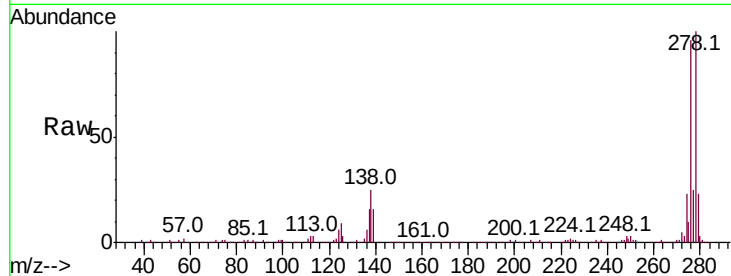




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 61.106 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

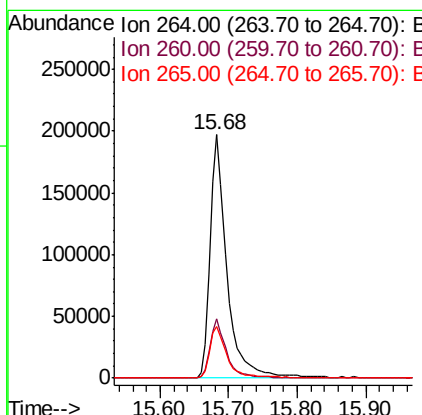
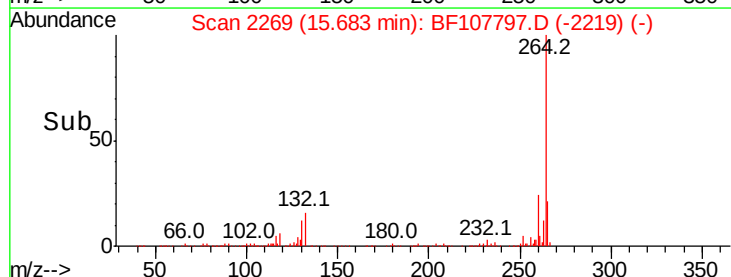
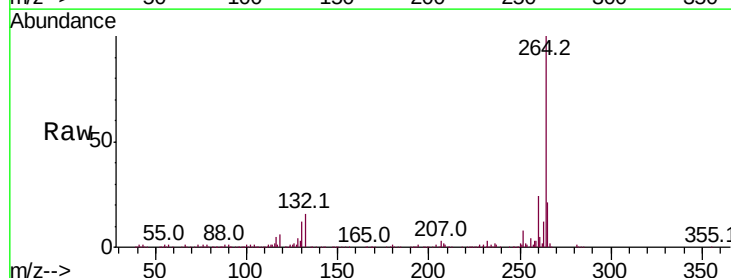
Instrument :
 BNA_F
 ClientSampled :

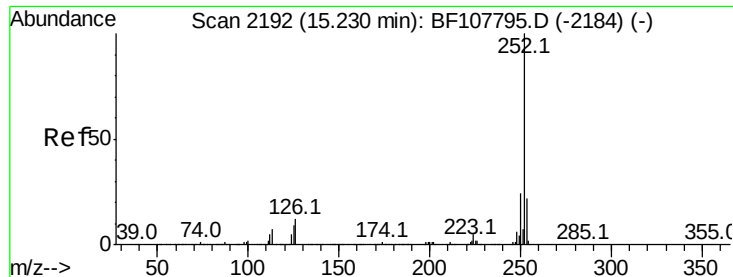
Tot Ion:276 Resp: 1191153
 Ion Ratio Lower Upper
 276 100
 138 23.9 25.0 37.6#
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF107797.D
 Acq: 30 Jul 2018 13:28

Tgt Ion:264 Resp: 338433
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.1 17.5 26.3

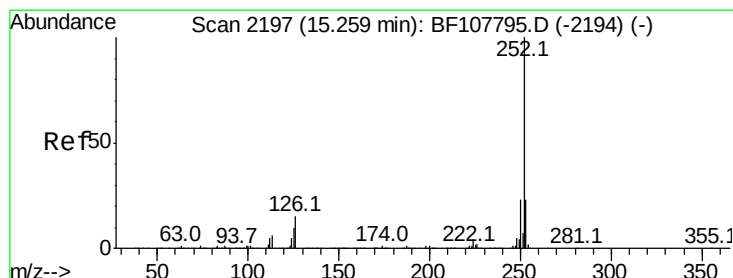
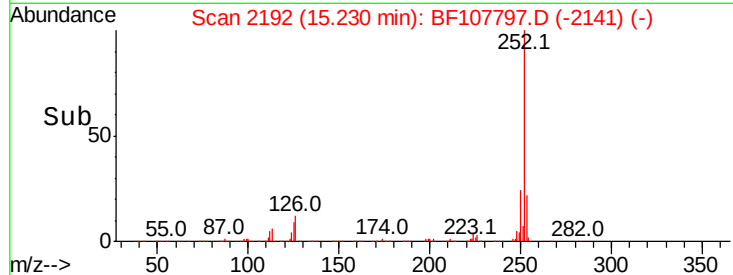
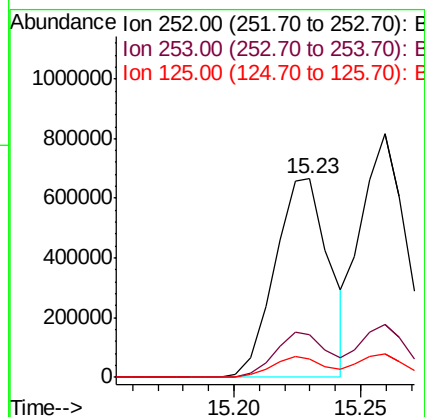
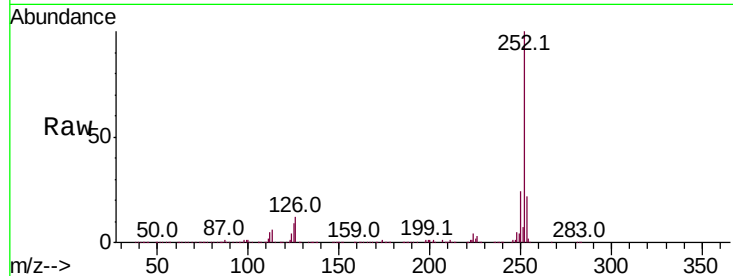




#87
Benzo(b)fluoranthene
Concen: 53.709 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

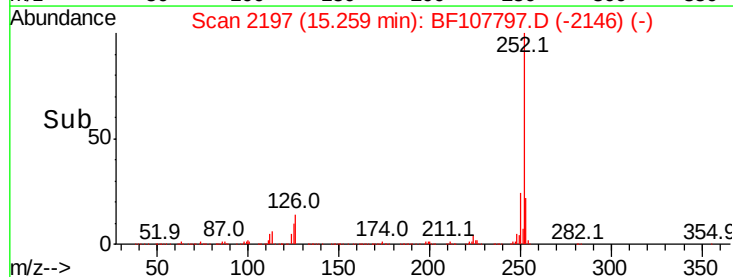
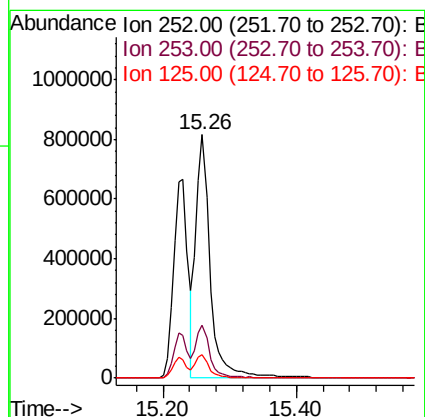
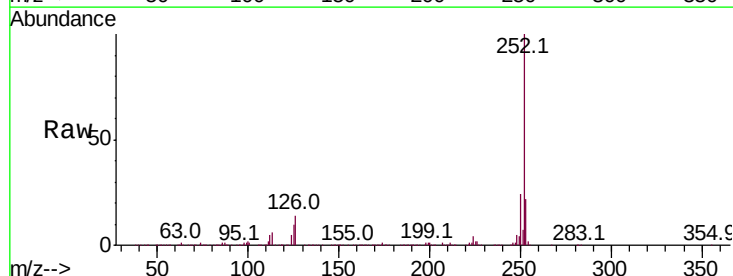
Instrument :
BNA_F
ClientSampleId :

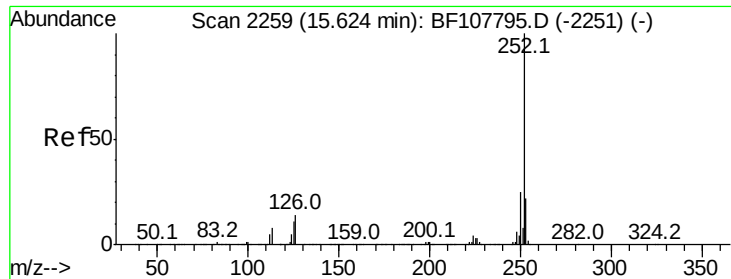
Tot Ion:252 Resp: 994795
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 64.781 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion:252 Resp: 1175542
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.8 10.2 15.2#

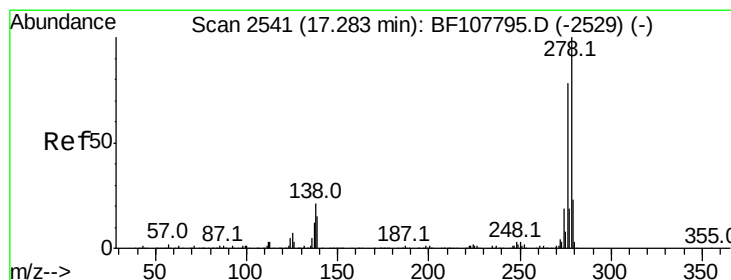
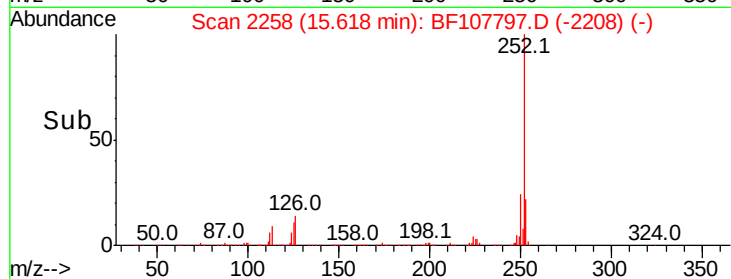
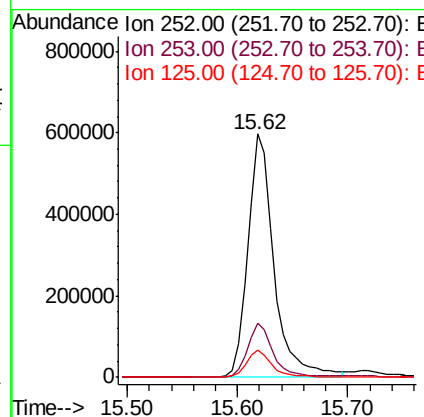
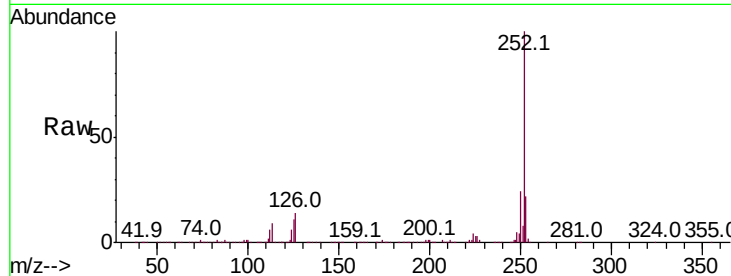




#89
Benzo(a)pyrene
Concen: 58.145 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

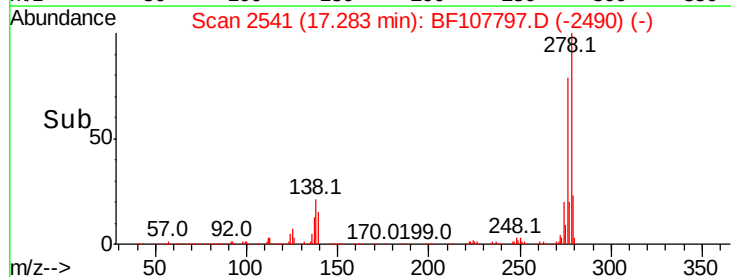
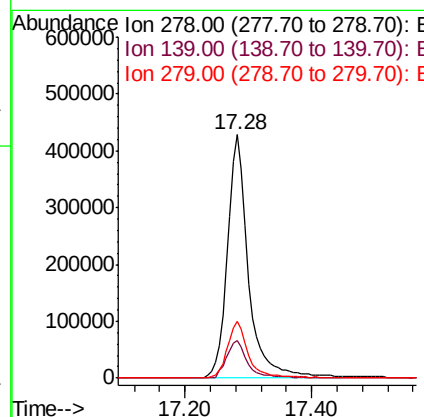
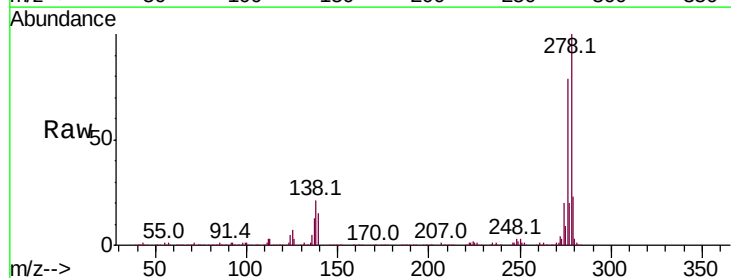
Instrument :
BNA_F
ClientSampleId :

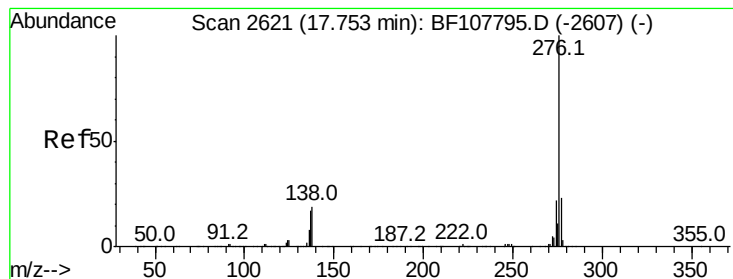
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 67.162 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF107797.D
Acq: 30 Jul 2018 13:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	15.9	23.9#
279	23.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 69.559 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BF107797.D

Acq: 30 Jul 2018 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1004870

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 20.2 21.8 32.8#

