

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107791.D
 Acq On : 30 Jul 2018 10:51
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 30 13:05:37 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	172338	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	732242	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	336870	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	707990	20.00	ng	0.00
75) Chrysene-d12	14.16	240	600629	20.00	ng	0.00
86) Perylene-d12	15.69	264	584027	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	812575	75.81	ng	0.00
7) Phenol-d6	6.61	99	1029536	79.99	ng	0.00
23) Nitrobenzene-d5	7.54	82	1016381	93.68	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	366181	95.59	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1708639	77.12	ng	0.00
78) Terphenyl-d14	13.08	244	2019342	86.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	130433	26.144	ng	# 81
3) Pyridine	3.61	79	304235	22.415	ng	# 82
4) n-Nitrosodimethylamine	3.59	42	94517	16.512	ng	# 91
6) Aniline	6.64	93	597281	35.981	ng	# 73
8) 2-Chlorophenol	6.75	128	488518	42.540	ng	# 94
9) Benzaldehyde	6.52	77	277860	33.011	ng	# 93
10) Phenol	6.62	94	637143	42.093	ng	# 82
11) bis(2-Chloroethyl)ether	6.70	93	393571	31.362	ng	# 97
12) 1,3-Dichlorobenzene	6.90	146	525120	40.332	ng	# 98
13) 1,4-Dichlorobenzene	6.98	146	591171	44.300	ng	# 99
14) 1,2-Dichlorobenzene	7.13	146	543049	45.346	ng	# 99
15) Benzyl Alcohol	7.11	79	352326	40.166	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	755744	35.697	ng	# 66
17) 2-Methylphenol	7.22	107	375824	38.505	ng	# 82
18) Hexachloroethane	7.47	117	198870	42.488	ng	# 94
19) n-Nitroso-di-n-propylamine	7.37	70	331217	39.836	ng	# 96
20) 3+4-Methylphenols	7.38	107	436502	37.662	ng	# 65
22) Acetophenone	7.38	105	674472	39.221	ng	# 88
24) Nitrobenzene	7.55	77	525272	42.268	ng	# 98
25) Isophorone	7.78	82	833841	35.993	ng	# 98
26) 2-Nitrophenol	7.87	139	291012	55.453	ng	# 98
27) 2,4-Dimethylphenol	7.90	122	352924	35.528	ng	# 100
28) bis(2-Chloroethoxy)methane	7.99	93	555723	35.895	ng	# 99
29) 2,4-Dichlorophenol	8.11	162	421390	41.503	ng	# 98
30) 1,2,4-Trichlorobenzene	8.18	180	467127	40.962	ng	# 97
31) Naphthalene	8.27	128	1266953	39.347	ng	# 100
32) Benzoic acid	8.04	122	163827	26.922	ng	# 98
33) 4-Chloroaniline	8.32	127	610399	43.371	ng	# 98
34) Hexachlorobutadiene	8.37	225	276505	40.805	ng	# 97
35) Caprolactam	8.71	113	124065	37.567	ng	# 86
36) 4-Chloro-3-methylphenol	8.81	107	425714	37.745	ng	# 98
37) 2-Methylnaphthalene	8.96	142	730390	32.734	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	398183	35.438	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	147506	25.825	ng	# 98

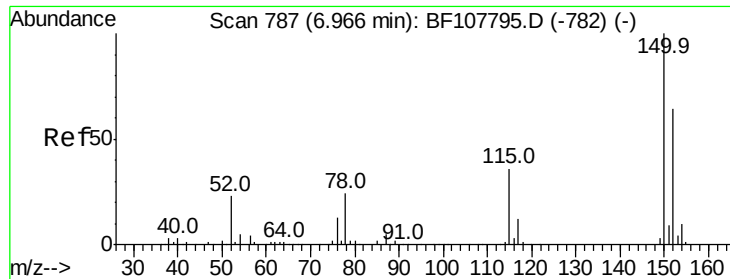
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107791.D
 Acq On : 30 Jul 2018 10:51
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 30 13:05:37 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)
42) 2,4,6-Trichlorophenol	9.24	196	233084	32.409	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	297717	39.608	ng	95
45) 1,1'-Biphenyl	9.42	154	1040095	35.443	ng	96
46) 2-Chloronaphthalene	9.45	162	772832	34.454	ng	99
47) 2-Nitroaniline	9.56	65	254214	38.875	ng	93
48) Acenaphthylene	9.87	152	1245877	36.975	ng	100
49) Dimethylphthalate	9.72	163	849408	33.456	ng	99
50) 2,6-Dinitrotoluene	9.80	165	191680	38.026	ng	93
51) Acenaphthene	10.04	154	792492	37.538	ng	98
52) 3-Nitroaniline	9.98	138	269480	43.945	ng	95
53) 2,4-Dinitrophenol	10.08	184	101066	62.189	ng	# 35
54) Dibenzofuran	10.21	168	1263281	40.645	ng	97
55) 4-Nitrophenol	10.15	139	138731	30.216	ng	89
56) 2,4-Dinitrotoluene	10.20	165	289534	47.585	ng	# 90
57) Fluorene	10.56	166	966241	43.576	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	287636	45.979	ng	# 82
59) Diethylphthalate	10.42	149	1036271	39.082	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	523520	41.763	ng	95
61) 4-Nitroaniline	10.61	138	253162	49.137	ng	94
62) Azobenzene	10.71	77	977598	39.319	ng	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	159971	53.979	ng	87
65) n-Nitrosodiphenylamine	10.67	169	905194	37.646	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	311230	37.344	ng	# 89
67) Hexachlorobenzene	11.11	284	354519	38.660	ng	# 85
68) Atrazine	11.19	200	273656	37.275	ng	97
69) Pentachlorophenol	11.31	266	188427	32.897	ng	98
70) Phenanthrene	11.52	178	1333789	38.660	ng	99
71) Anthracene	11.58	178	1507397	43.395	ng	99
72) Carbazole	11.74	167	1555758	43.069	ng	99
73) Di-n-butylphthalate	12.04	149	1588283	38.839	ng	99
74) Fluoranthene	12.72	202	1543183	41.683	ng	97
76) Benzidine	12.85	184	813772	47.047	ng	98
77) Pyrene	12.95	202	1572620	38.278	ng	99
79) Butylbenzylphthalate	13.55	149	705327	39.921	ng	88
80) Benzo(a)anthracene	14.14	228	1319149	37.478	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	517117	46.398	ng	# 97
82) Chrysene	14.18	228	1402517	41.481	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	878928	35.256	ng	99
84) Di-n-octyl phthalate	14.72	149	1512577	39.034	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	1057842	36.915	ng	# 92
87) Benzo(b)fluoranthene	15.23	252	1144745	35.815	ng	98
88) Benzo(k)fluoranthene	15.23	252	1144745	36.556	ng	98
89) Benzo(a)pyrene	15.62	252	1121254	38.350	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	899452	35.588	ng	# 95
91) Benzo(g,h,i)perylene	17.75	276	831220	33.342	ng	# 91

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

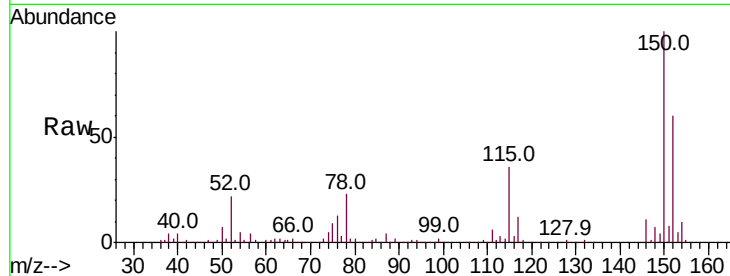


#1

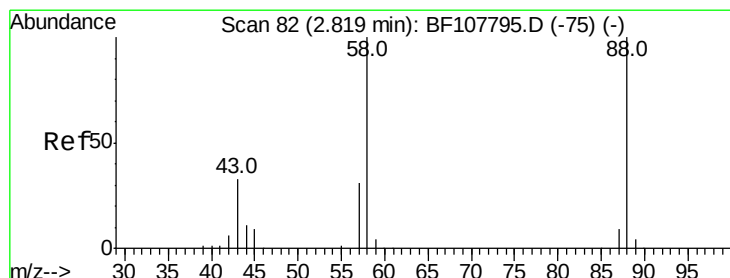
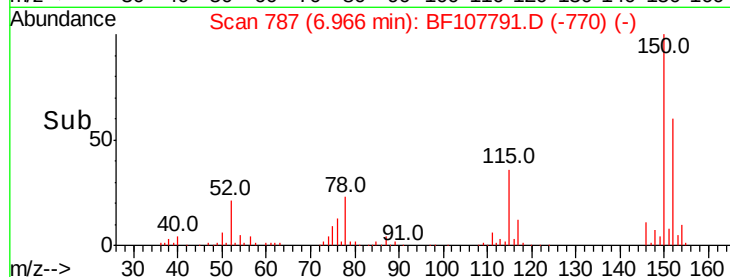
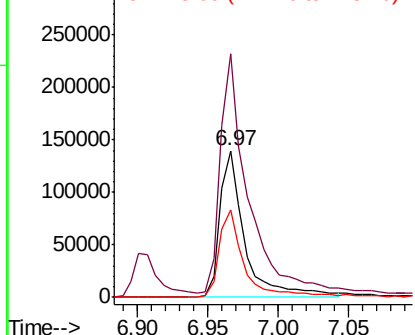
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172338
Ion Ratio Lower Upper
152 100
150 165.9 124.6 186.8
115 59.8 50.1 75.1



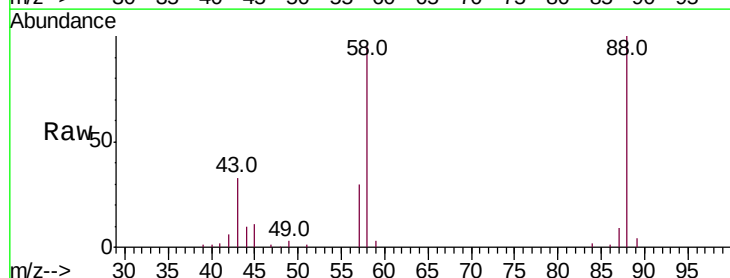
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



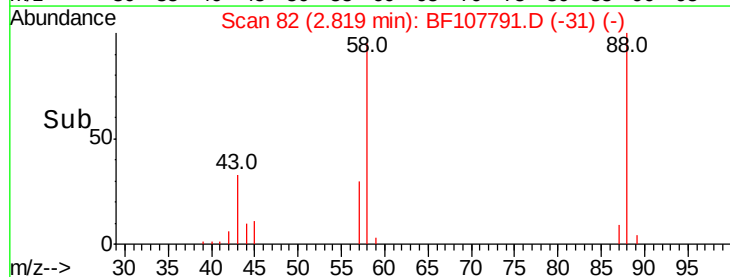
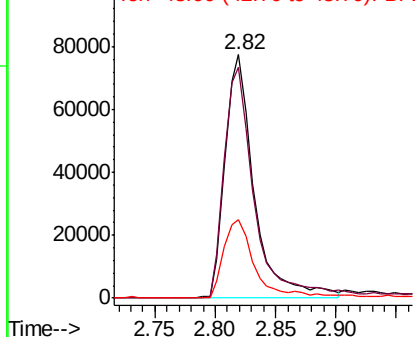
#2

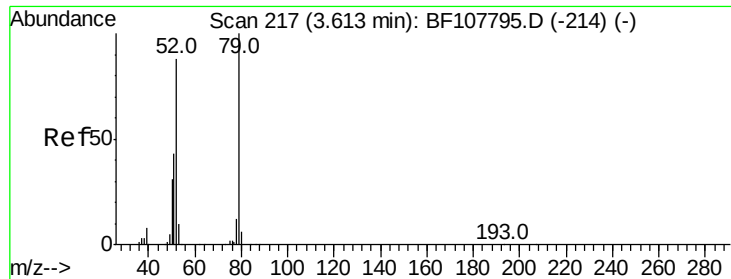
1,4-Dioxane
Concen: 26.144 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion: 88 Resp: 130433
Ion Ratio Lower Upper
88 100
58 99.0 62.6 93.8#
43 34.4 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: 22.415 ng

RT: 3.61 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

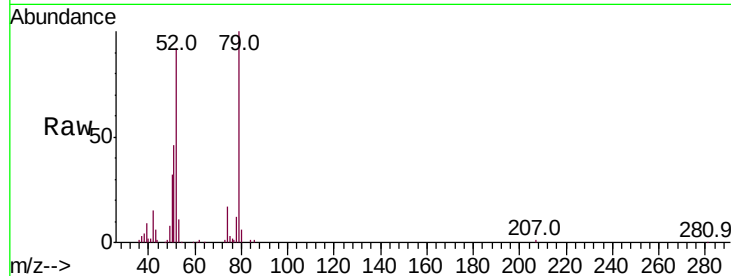
Tot Ion: 79 Resp: 304235

Ion Ratio Lower Upper

79 100

52 92.1 59.8 89.6#

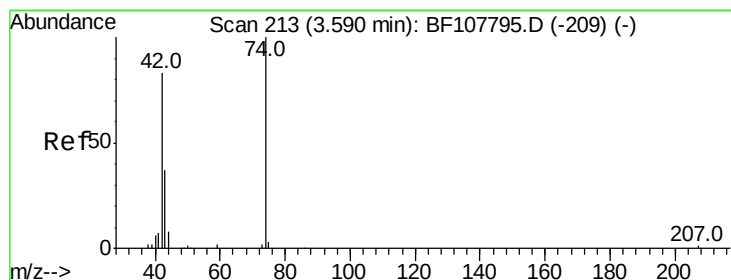
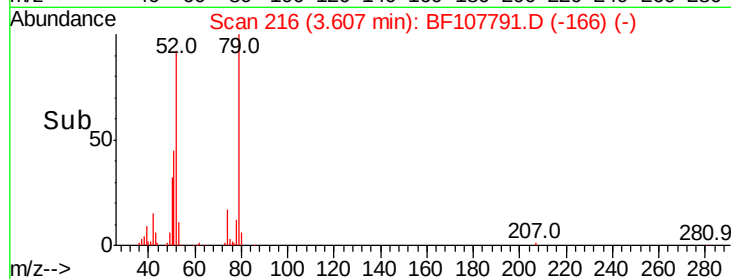
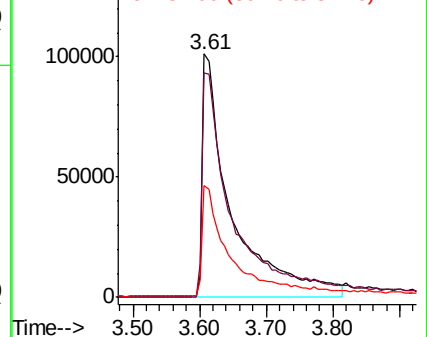
51 45.8 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 16.512 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

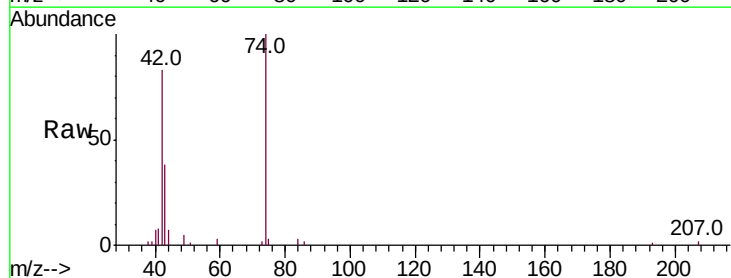
Tgt Ion: 42 Resp: 94517

Ion Ratio Lower Upper

42 100

74 120.5 104.9 157.3

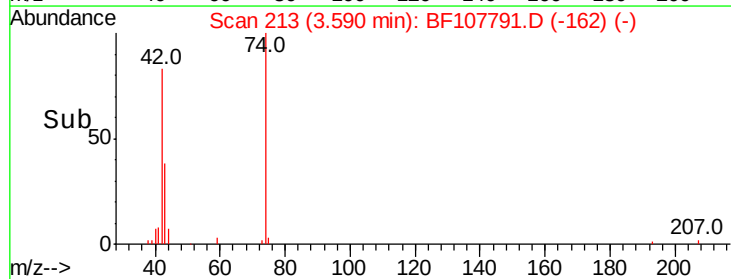
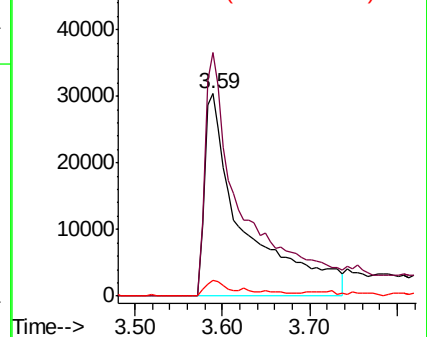
44 8.0 6.9 10.3

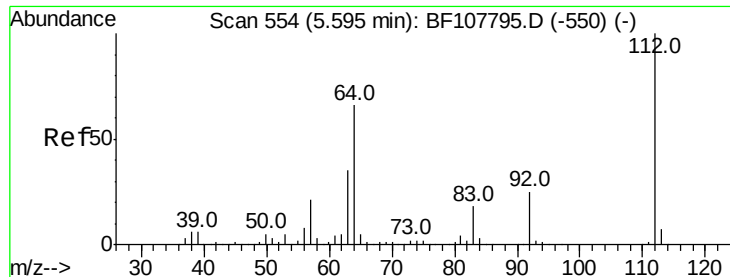


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.808 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampled :

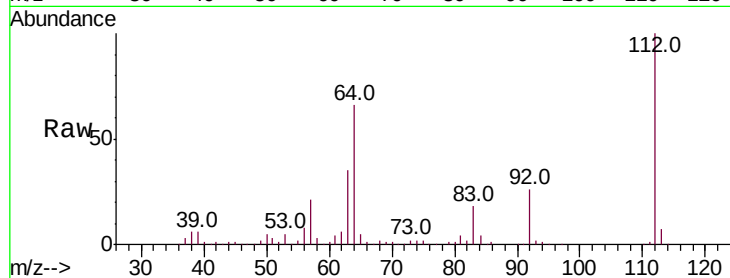
Tot Ion:112 Resp: 812575

Ion Ratio Lower Upper

112 100

64 66.5 47.9 71.9

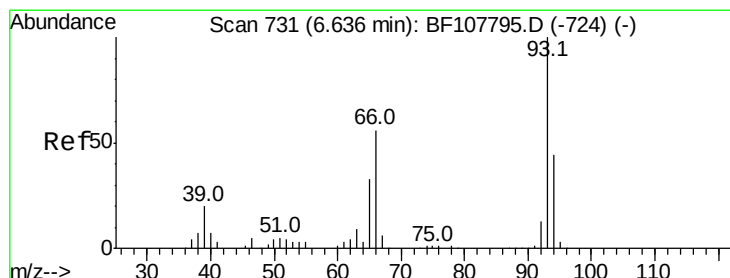
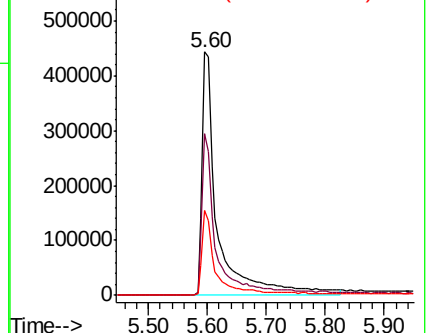
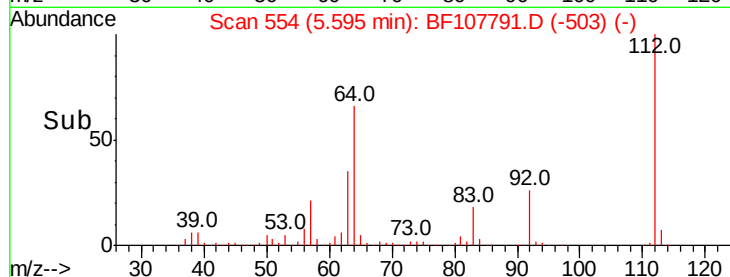
63 34.8 23.7 35.5



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: 35.981 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

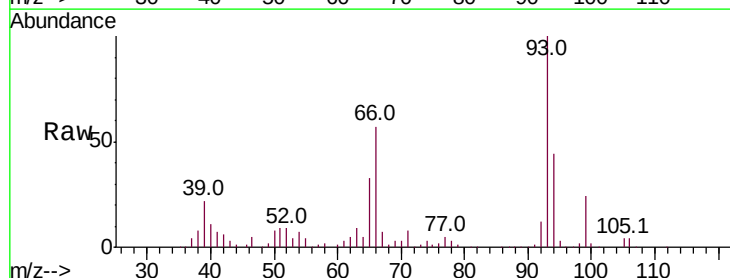
Tgt Ion: 93 Resp: 597281

Ion Ratio Lower Upper

93 100

66 57.4 32.2 48.2#

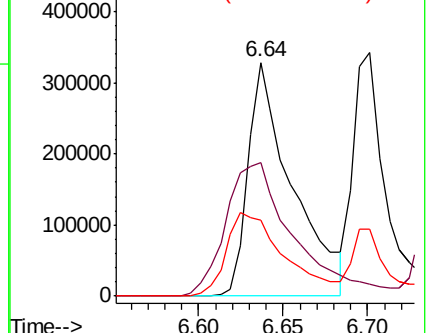
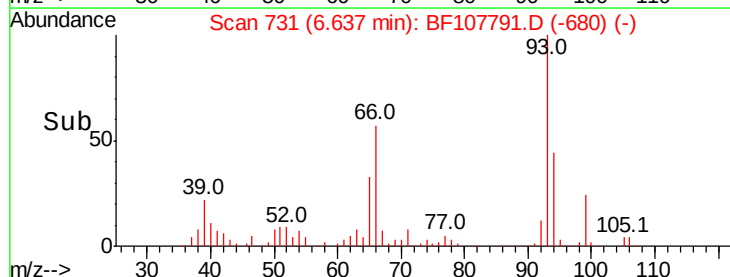
65 32.6 16.4 24.6#

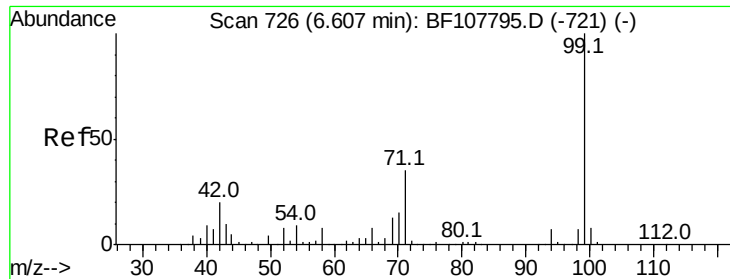


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.992 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

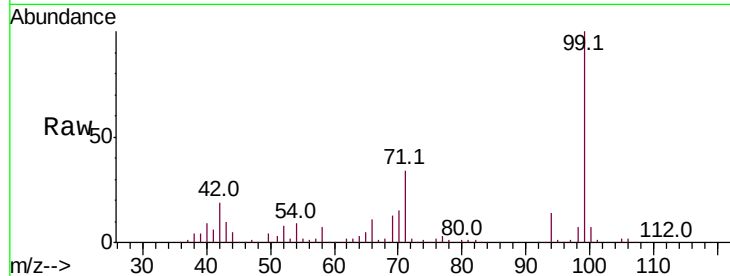
Tot Ion: 99 Resp: 1029536

Ion Ratio Lower Upper

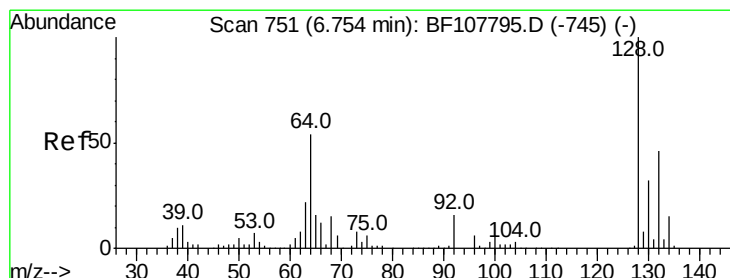
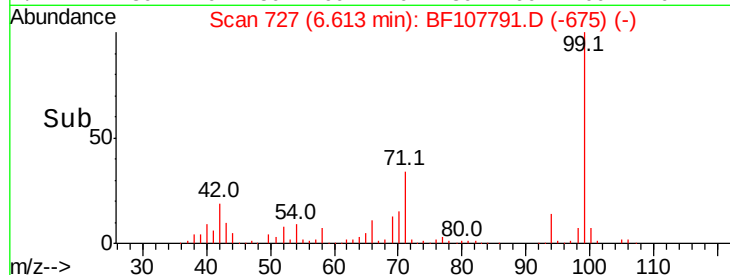
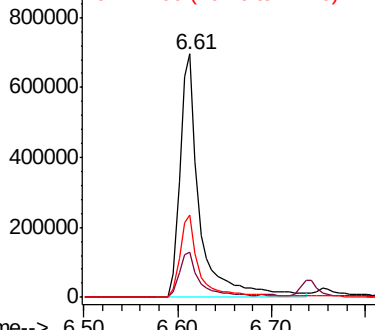
99 100

42 18.7 14.5 21.7

71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.540 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

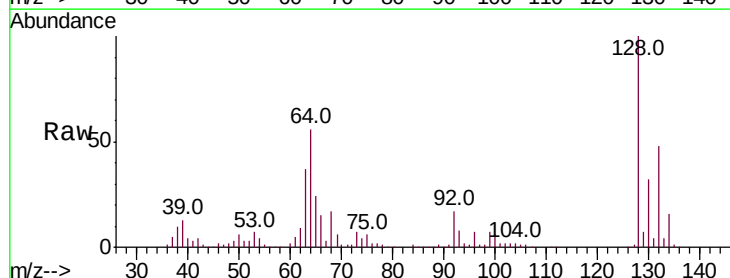
Tgt Ion: 128 Resp: 488518

Ion Ratio Lower Upper

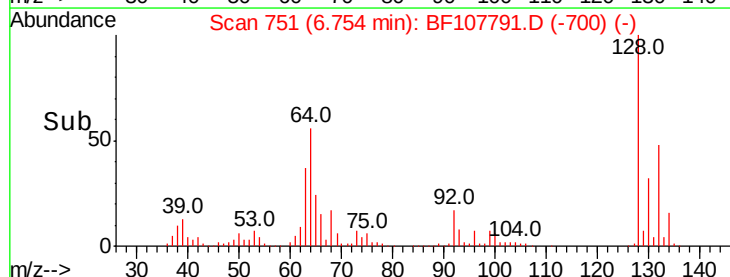
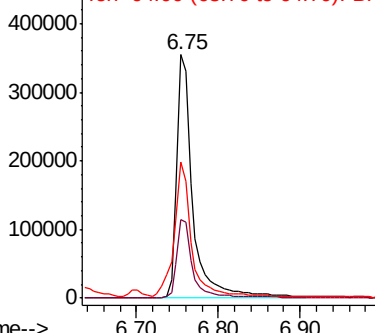
128 100

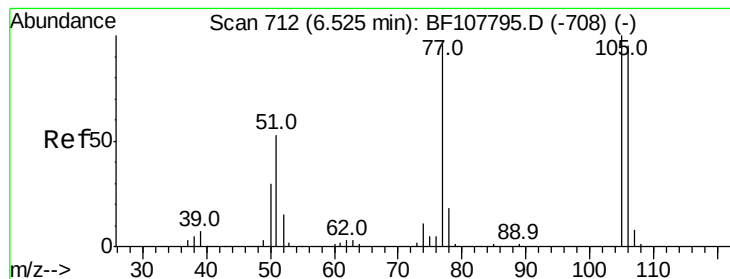
130 32.5 13.0 53.0

64 55.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 33.011 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

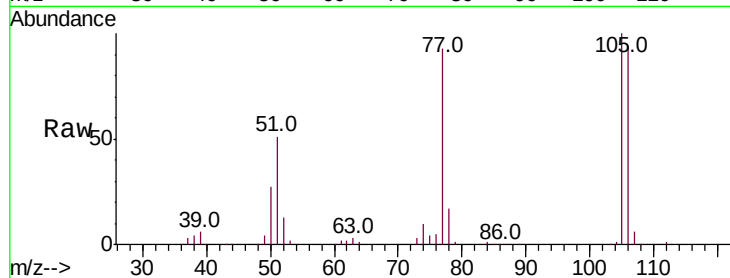
Tot Ion: 77 Resp: 277860

Ion Ratio Lower Upper

77 100

105 107.6 81.1 121.1

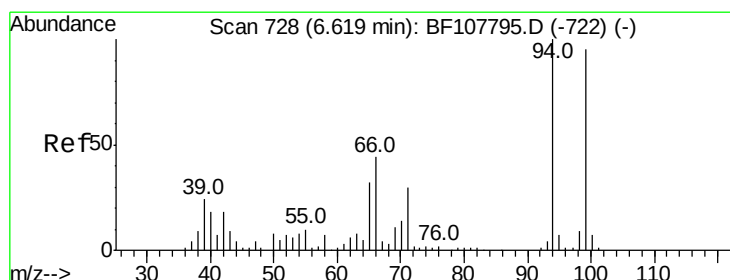
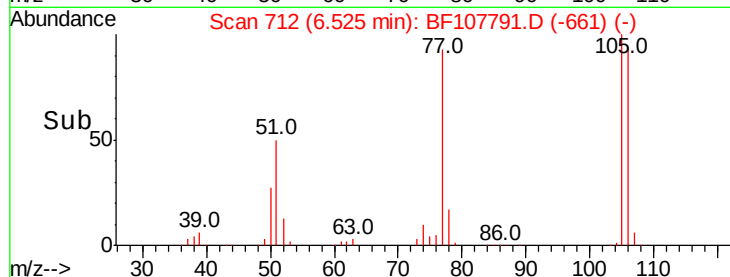
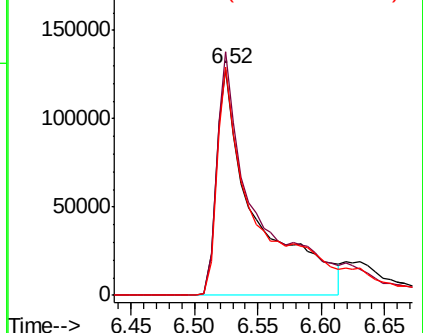
106 101.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.093 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

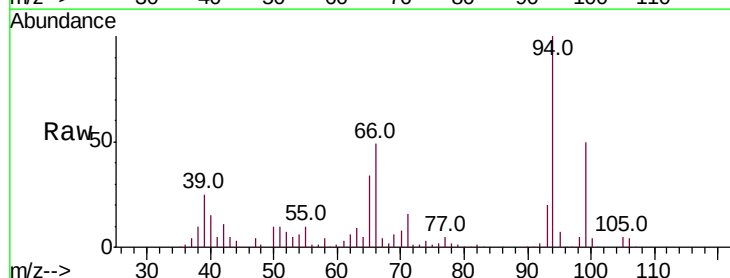
Tgt Ion: 94 Resp: 637143

Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

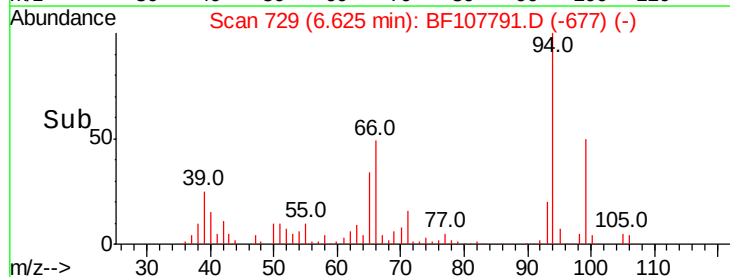
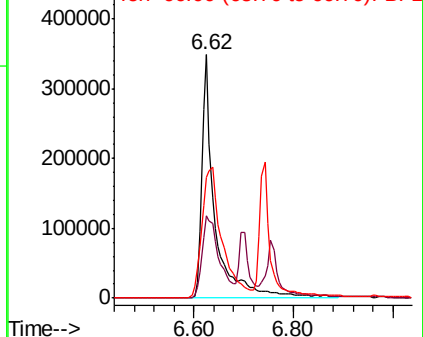
66 49.5 16.2 56.2

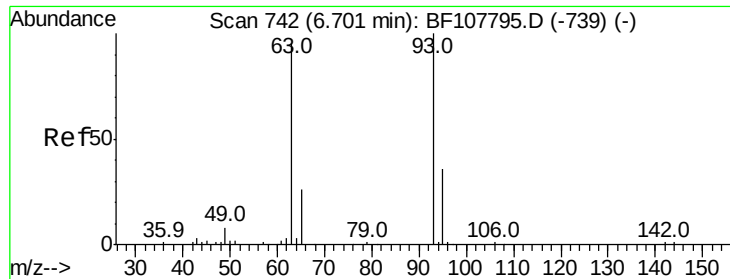


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

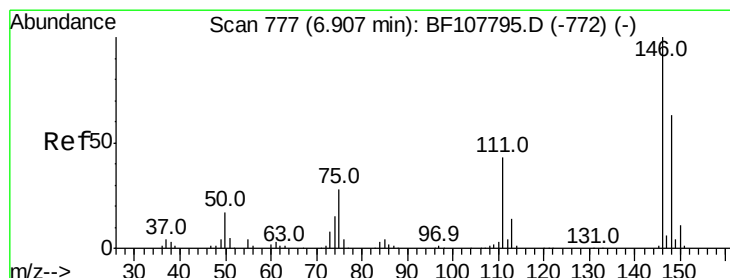
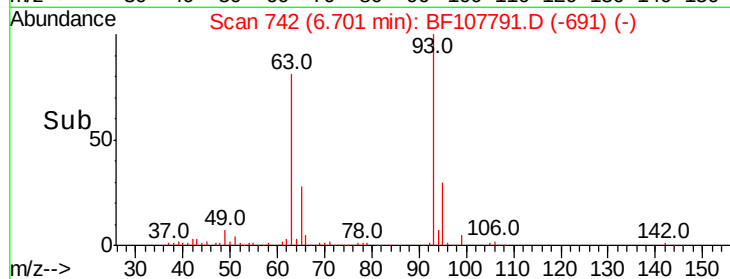
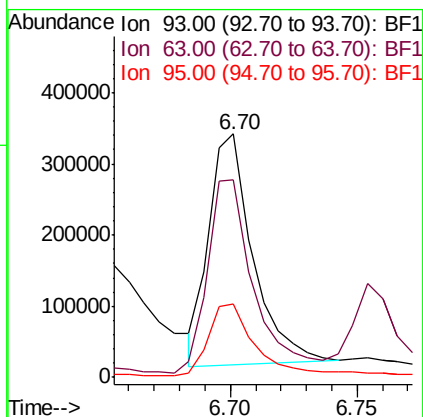
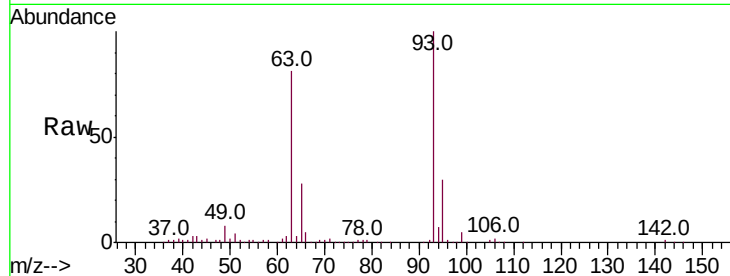




#11
bis(2-Chloroethyl)ether
Concen: 31.362 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

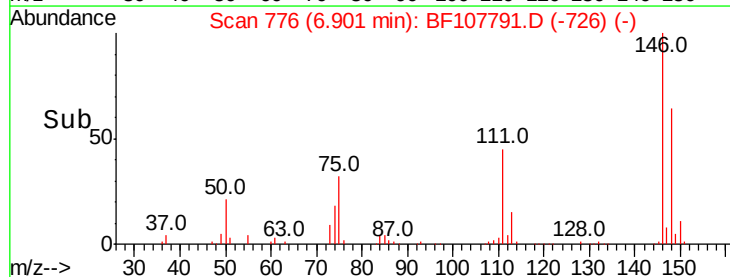
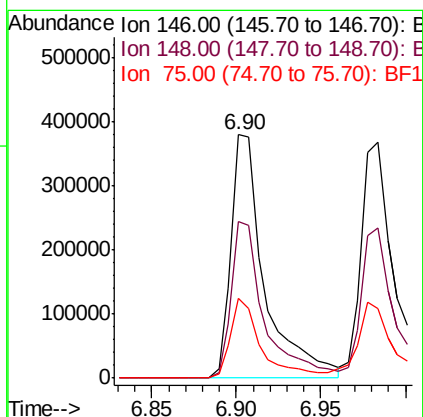
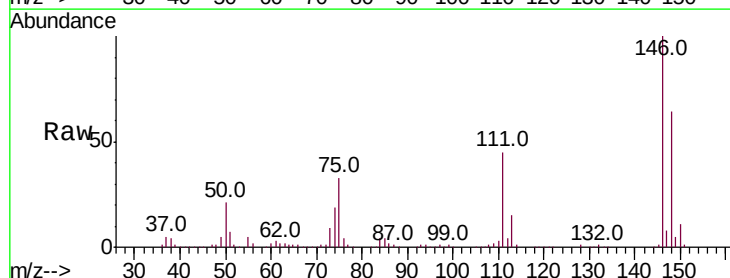
Instrument :
BNA_F
ClientSampled :

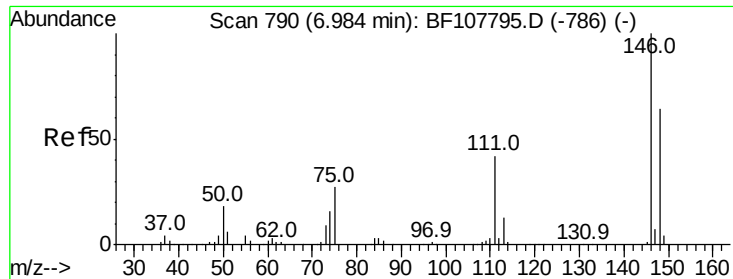
Tot Ion: 93 Resp: 393571
Ion Ratio Lower Upper
93 100
63 81.4 58.6 98.6
95 30.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.332 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion: 146 Resp: 525120
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 32.5 24.2 36.4

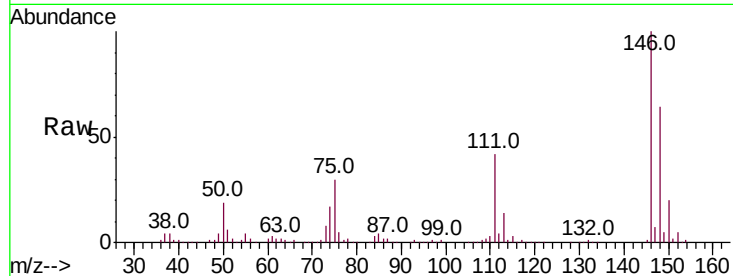




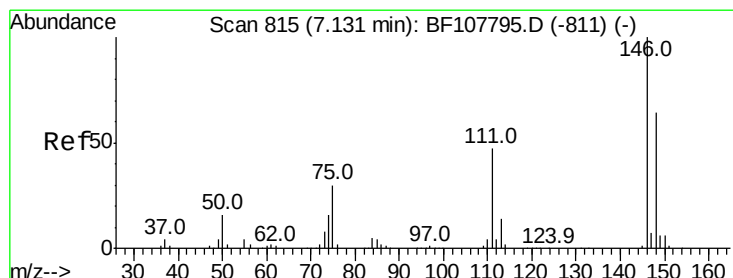
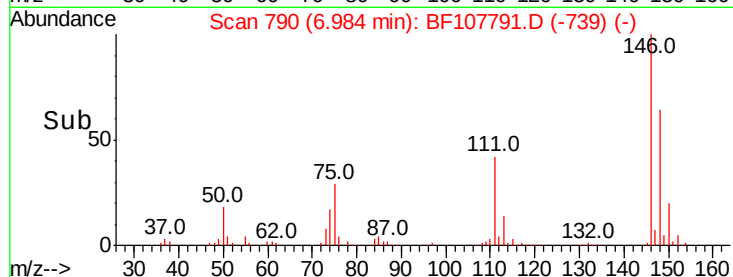
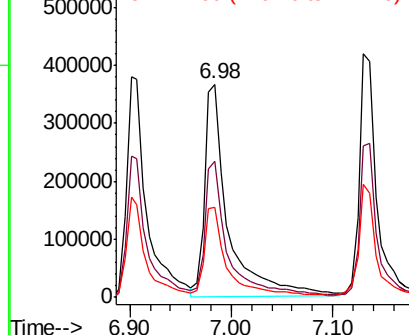
#13
 1,4-Dichlorobenzene
 Concen: 44.300 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 591171
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 42.3 34.2 51.2

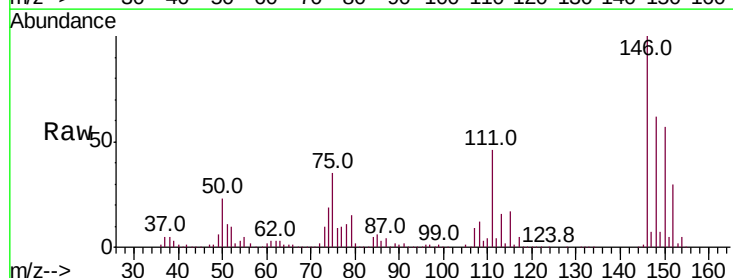


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

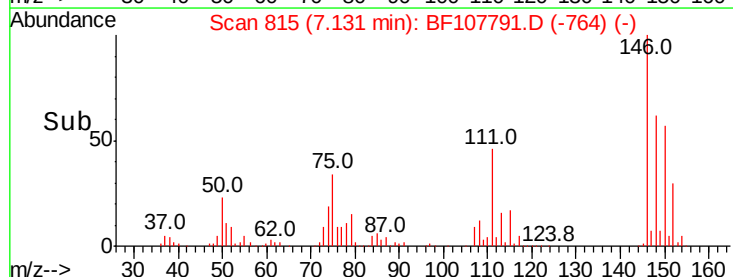
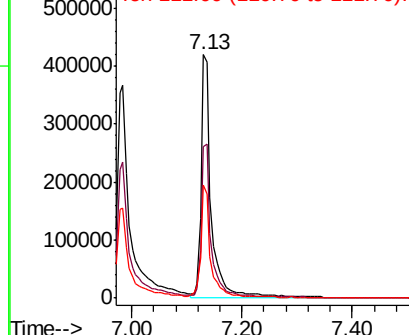


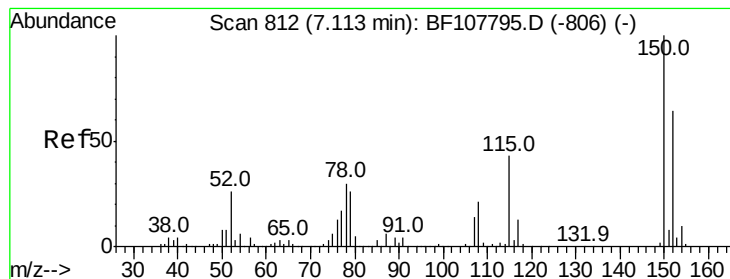
#14
 1,2-Dichlorobenzene
 Concen: 45.346 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion:146 Resp: 543049
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.6 75.8
 111 46.2 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: 40.166 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :
BNA_F
ClientSampleId :

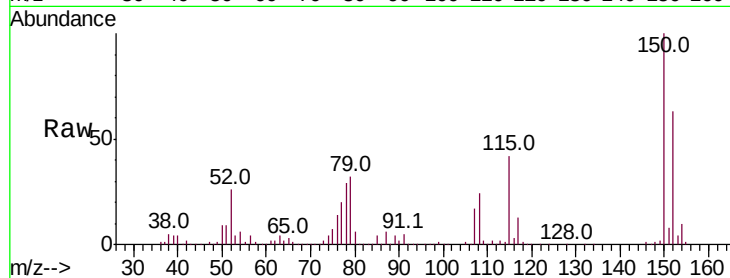
Tot Ion: 79 Resp: 352326

Ion Ratio Lower Upper

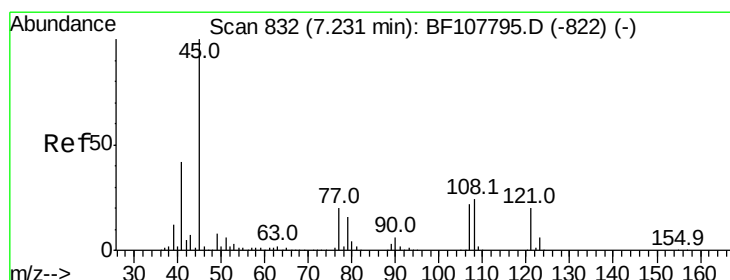
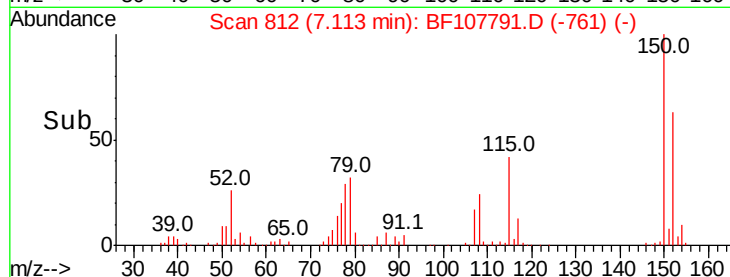
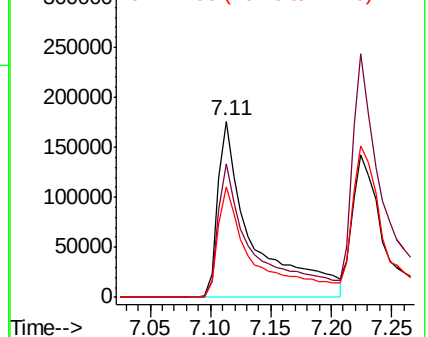
79 100

108 76.1 65.1 97.7

77 62.7 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: 35.697 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

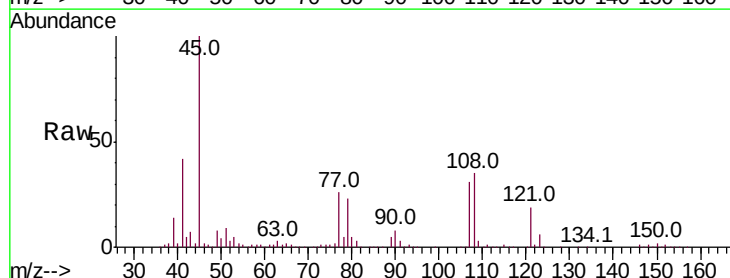
Tgt Ion: 45 Resp: 755744

Ion Ratio Lower Upper

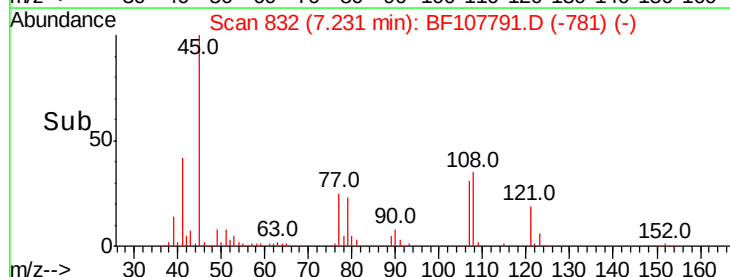
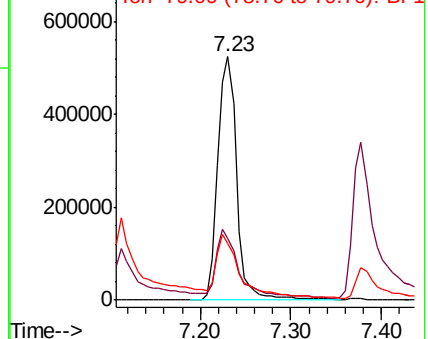
45 100

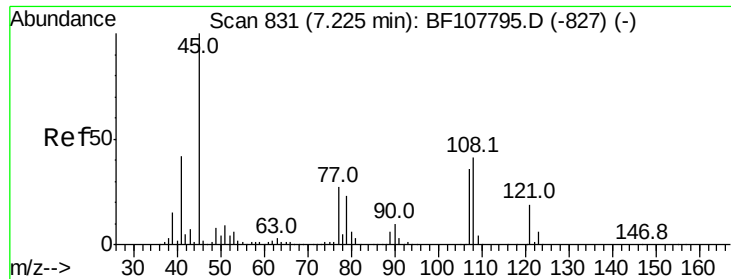
77 25.7 0.0 32.9

79 23.4 0.0 29.6



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

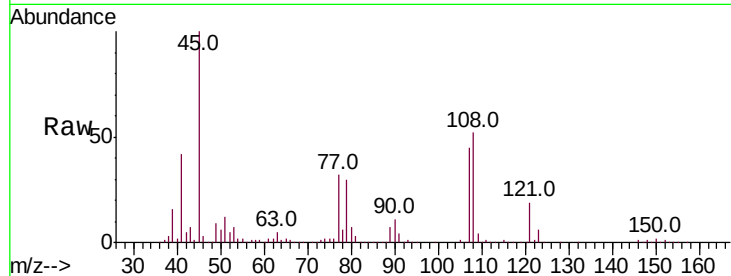




#17
2-Methylphenol
Concen: 38.505 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.7	137.5
77	71.7	33.8	50.8#
79	67.1	33.8	50.8#



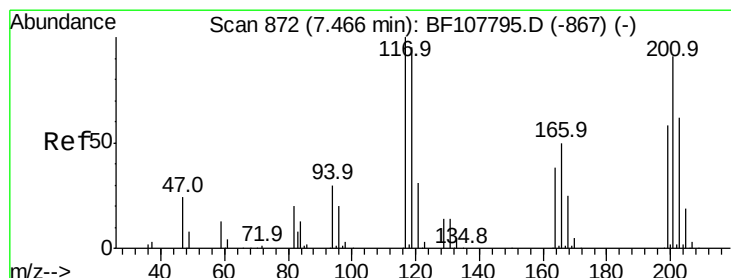
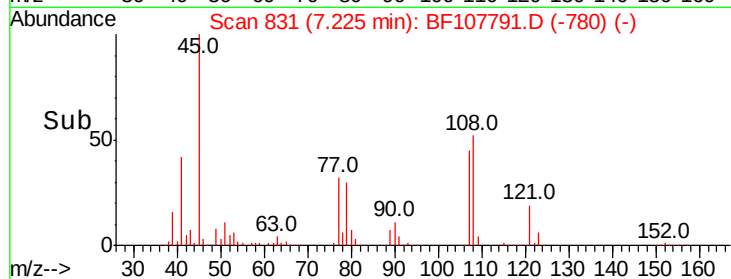
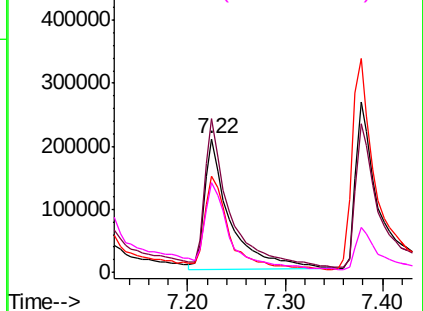
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

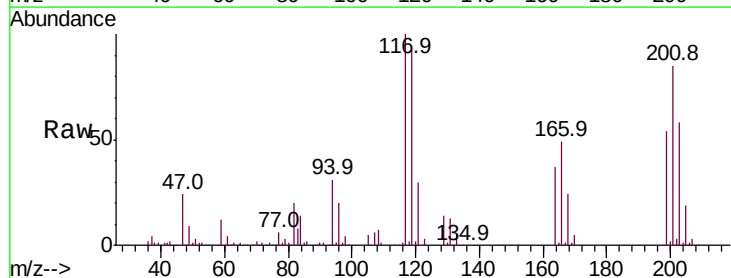
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.488 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.8
201	85.1	75.7	113.5

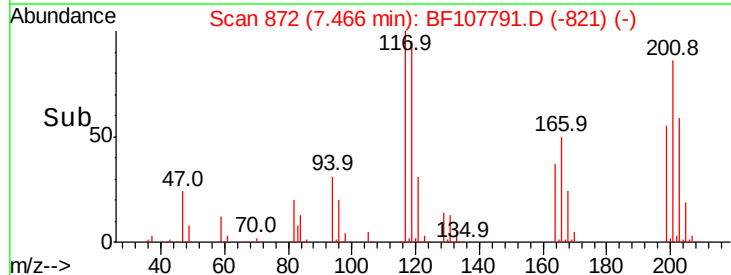
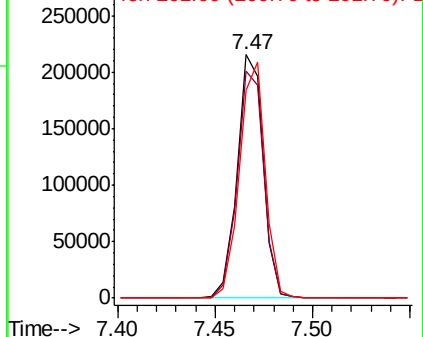


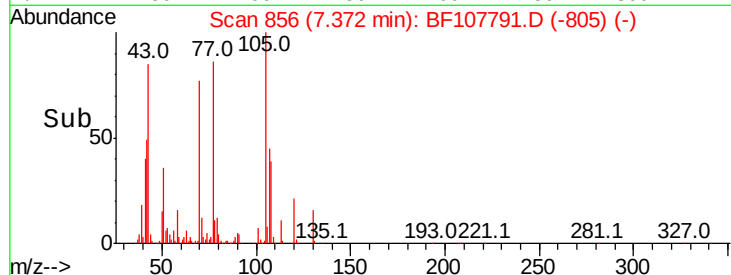
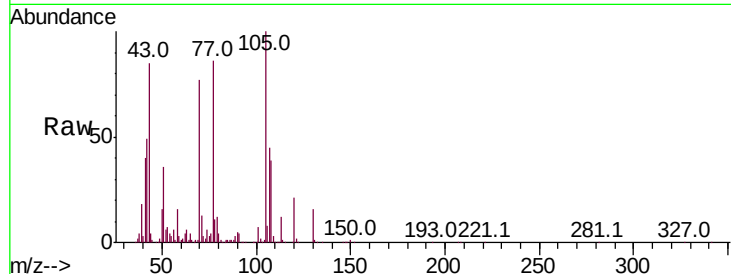
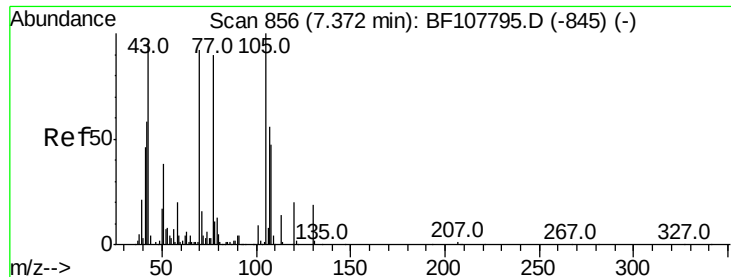
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

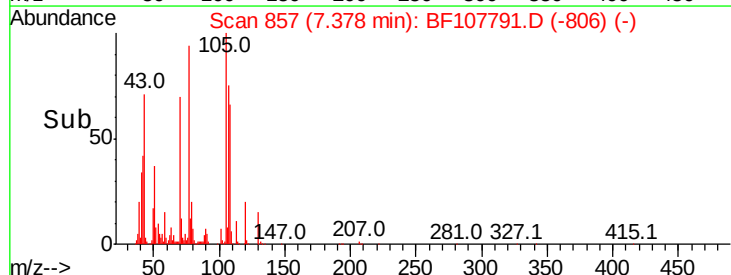
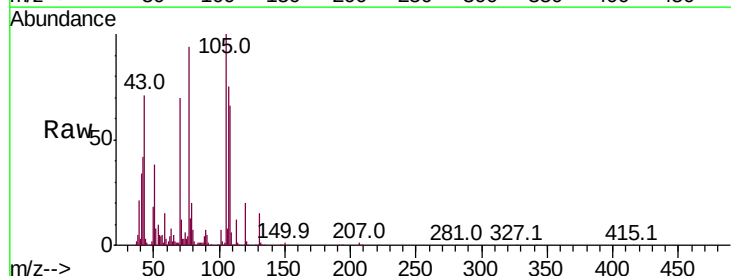
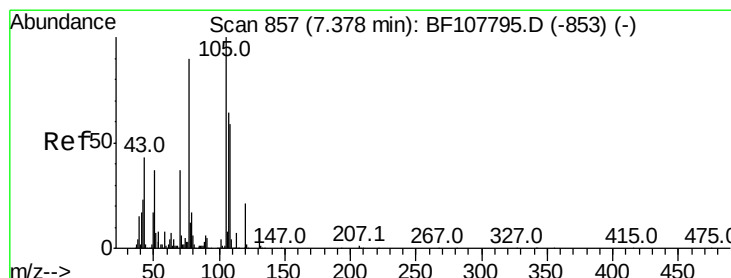
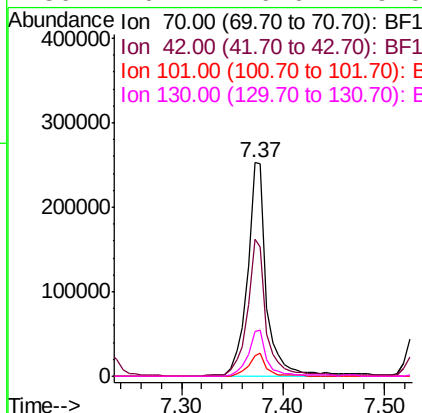




#19
n-Nitroso-di-n-propylamine
Concen: 39.836 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

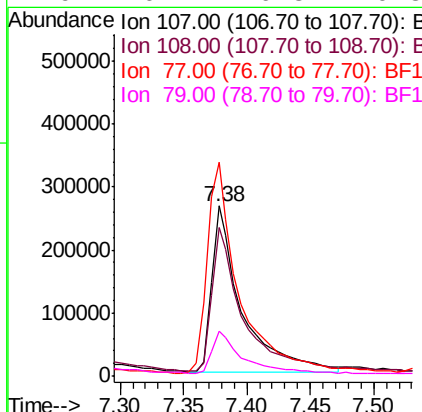
Instrument :
BNA_F
ClientSampleId :

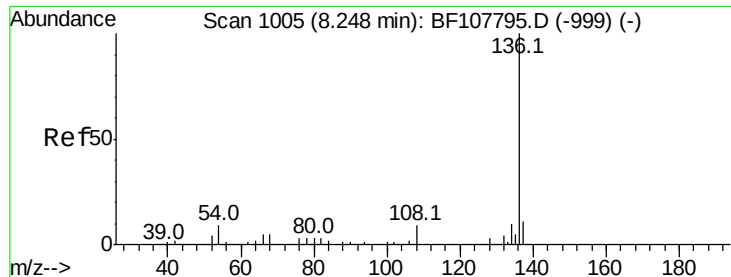
Tot Ion:	70	Resp:	331217
Ion	Ratio	Lower	Upper
70	100		
42	63.9	47.5	71.3
101	9.7	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.662 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion:	107	Resp:	436502
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	125.8	26.7	66.7#
79	26.2	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: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 732242

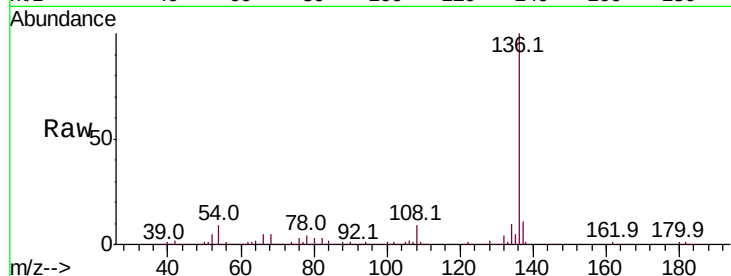
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.5 6.6 9.8

68 5.1 5.0 7.4

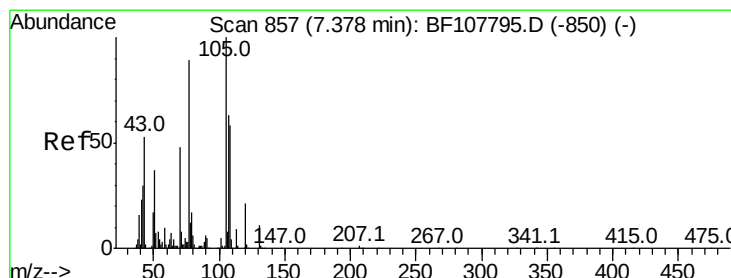
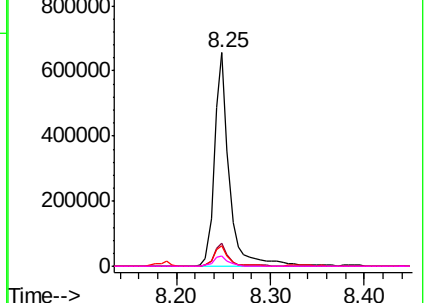
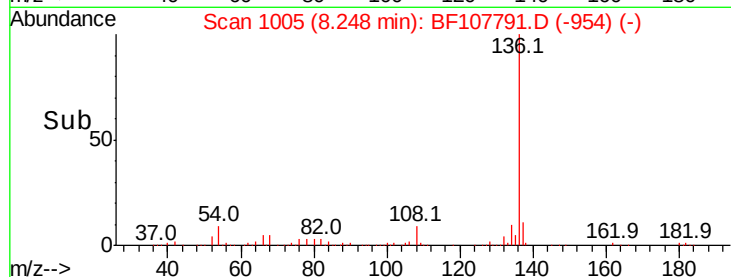


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.221 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Tgt Ion:105 Resp: 674472

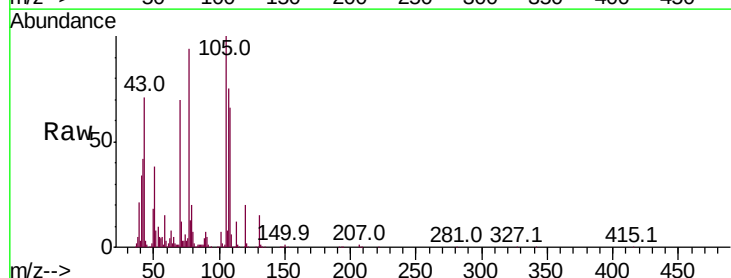
Ion Ratio Lower Upper

105 100

71 11.7 4.4 6.6#

51 37.8 22.3 33.5#

120 20.4 16.9 25.3

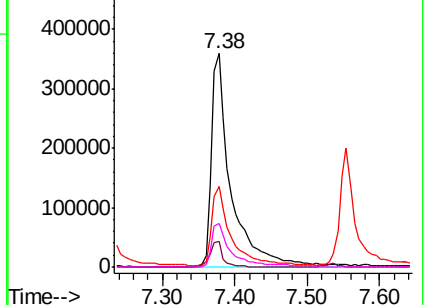
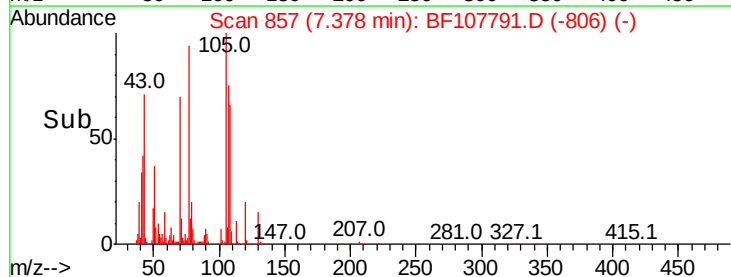


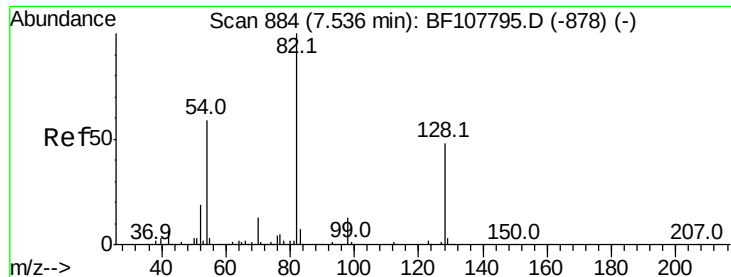
Abundance Ion 105.00 (104.70 to 105.70): E

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

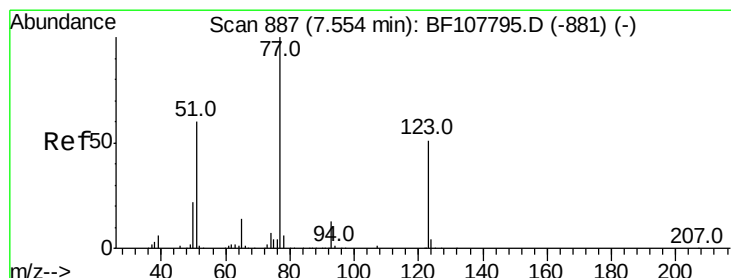
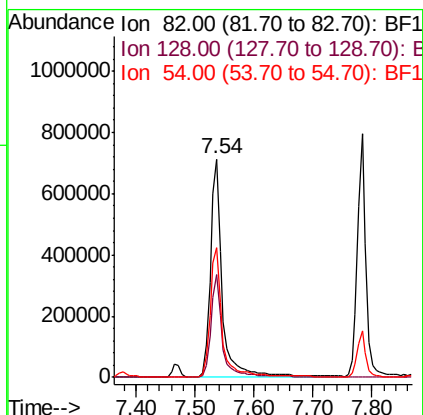
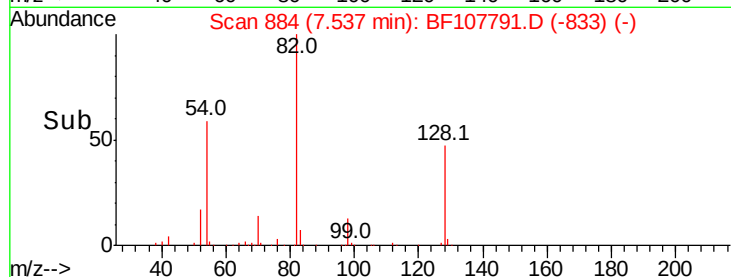
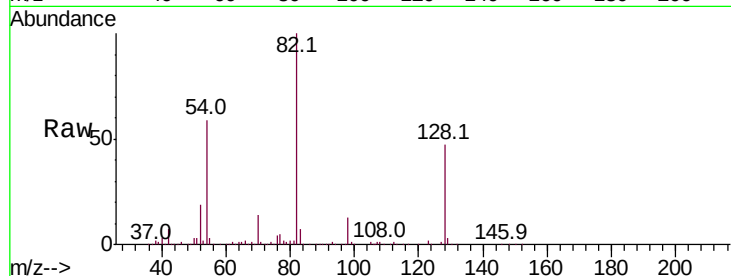




#23
Nitrobenzene-d5
Concen: 93.676 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

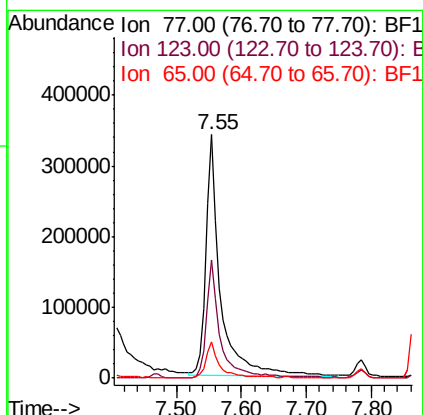
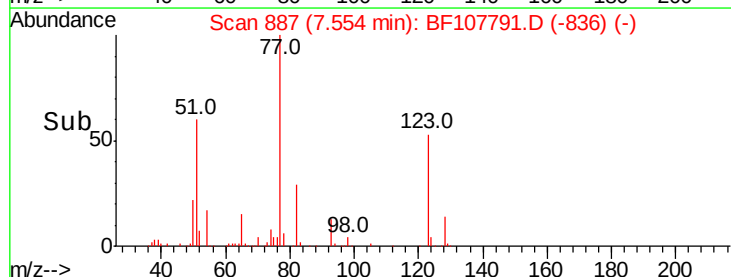
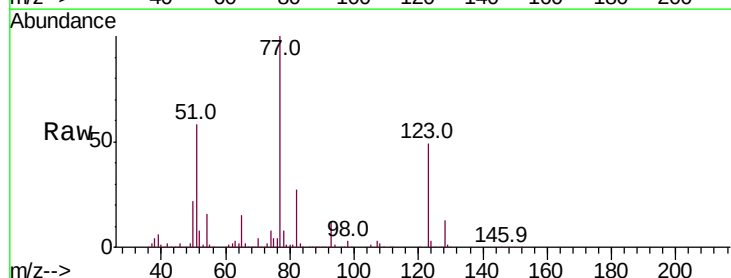
Instrument :
BNA_F
ClientSampleId :

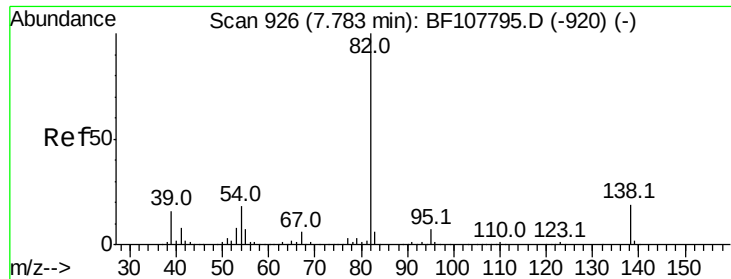
Tot Ion: 82 Resp: 1016381
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 59.5 41.4 62.2



#24
Nitrobenzene
Concen: 42.268 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion: 77 Resp: 525272
Ion Ratio Lower Upper
77 100
123 48.6 37.9 56.9
65 14.7 11.0 16.4





#25

Isophorone

Concen: 35.993 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

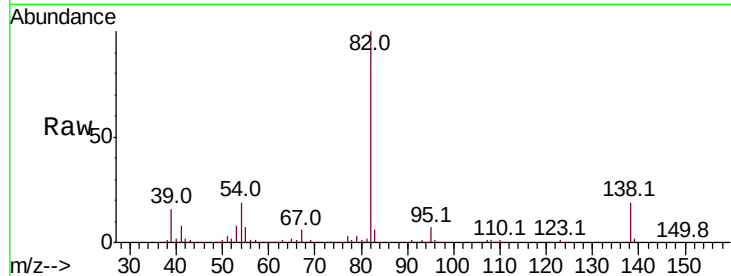
Tot Ion: 82 Resp: 833841

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

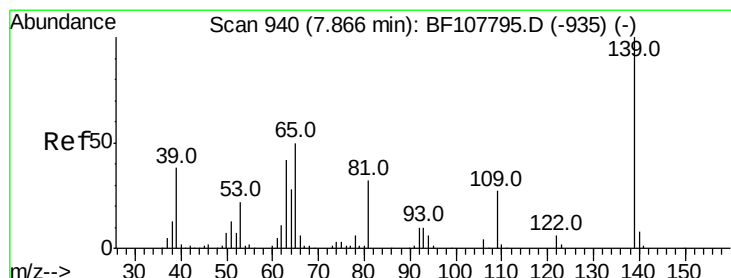
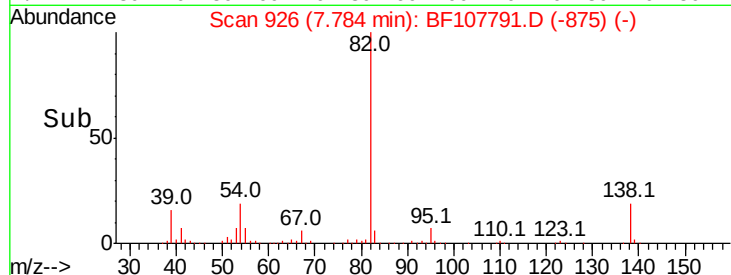
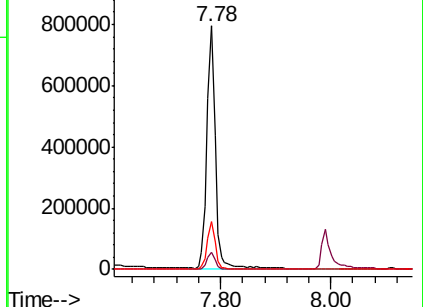
138 19.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.453 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

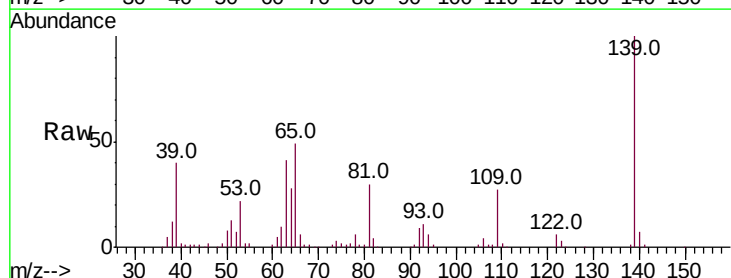
Tgt Ion: 139 Resp: 291012

Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

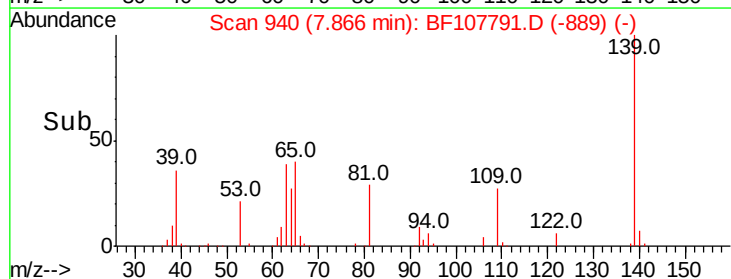
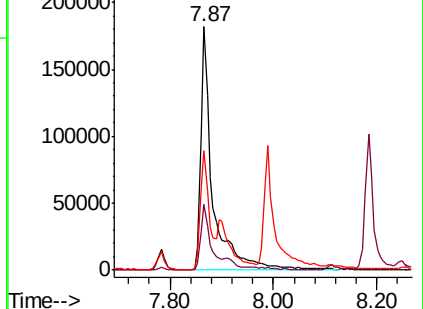
65 49.3 40.5 60.7

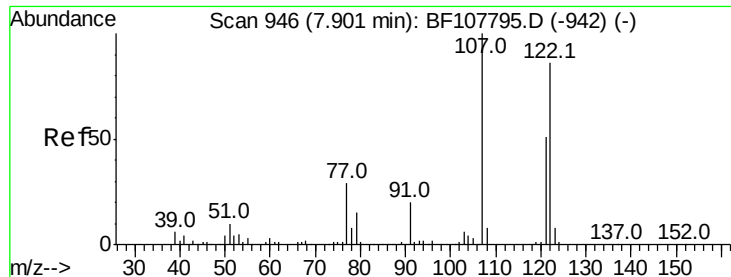


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

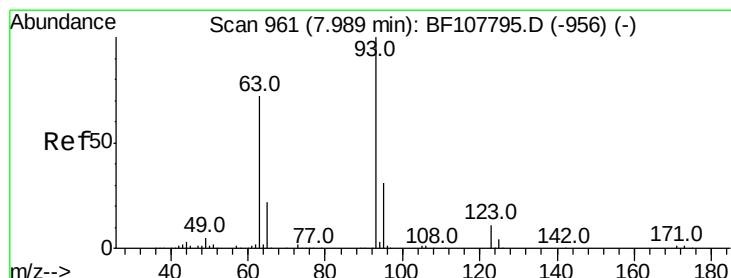
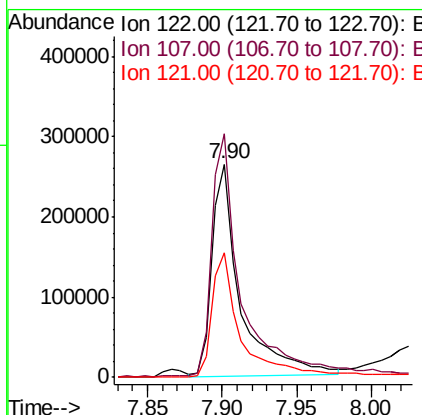
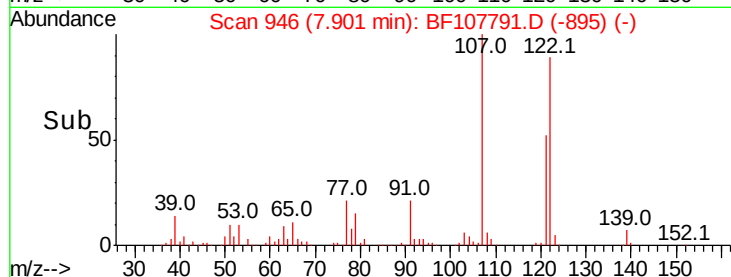
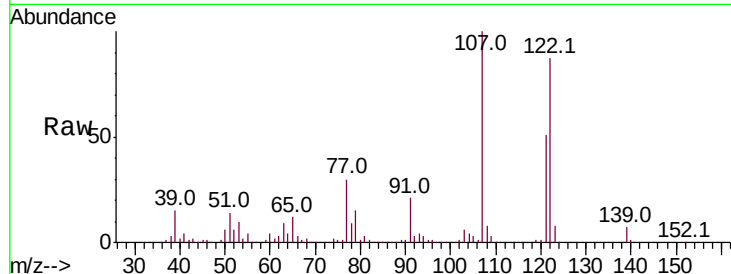




#27
 2,4-Dimethylphenol
 Concen: 35.528 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

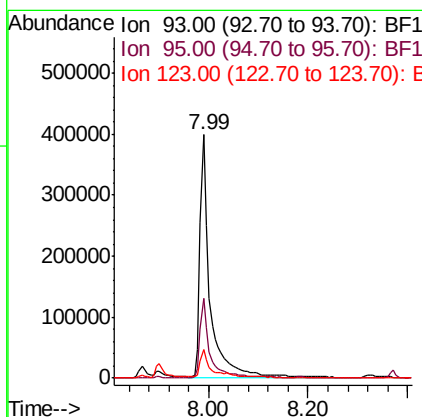
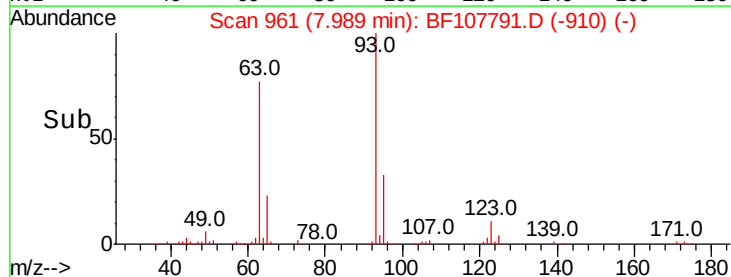
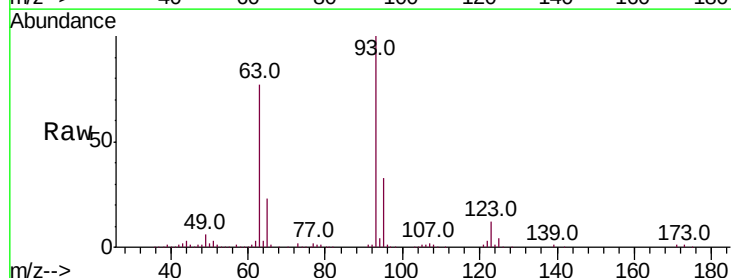
Instrument :
 BNA_F
 ClientSampleId :

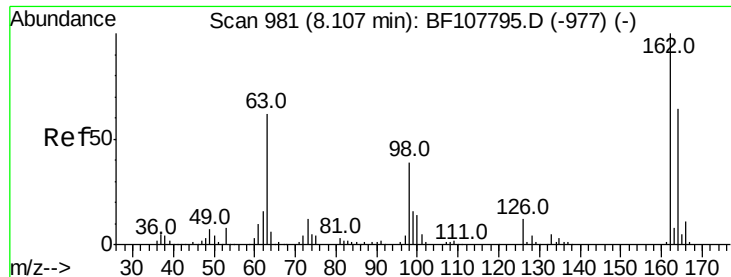
Tot Ion:122 Resp: 352924
 Ion Ratio Lower Upper
 122 100
 107 114.3 91.2 136.8
 121 58.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.895 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion: 93 Resp: 555723
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.9 9.8 14.6

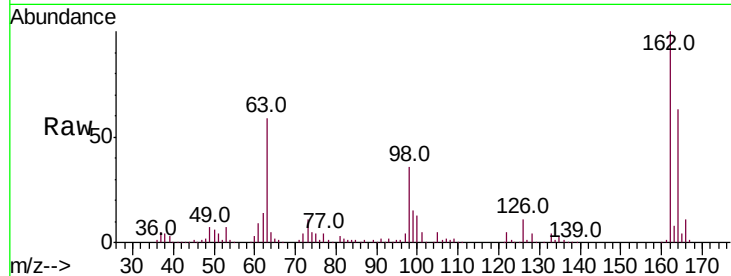




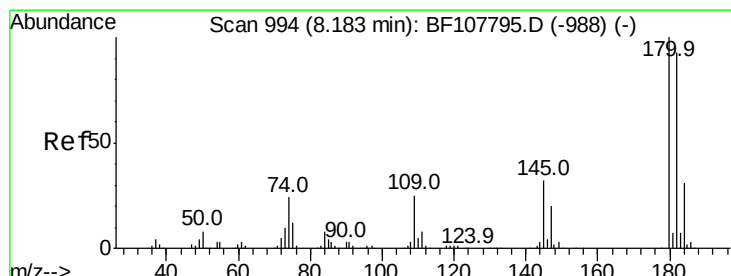
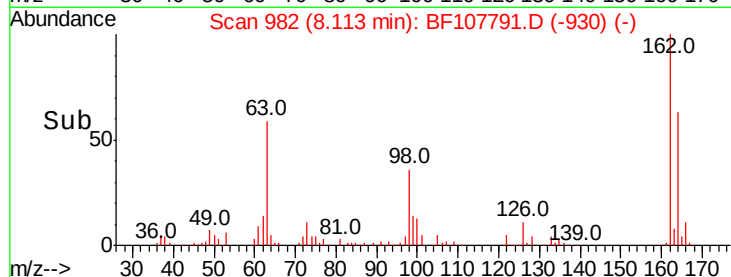
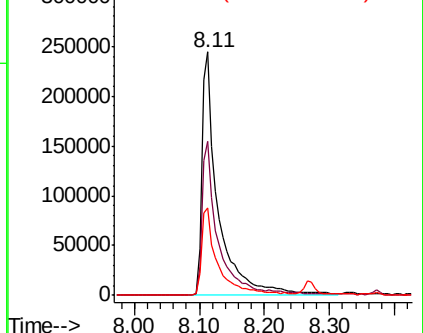
#29
2,4-Dichlorophenol
Concen: 41.503 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 421390
Ion Ratio Lower Upper
162 100
164 63.1 42.7 82.7
98 36.0 18.1 58.1

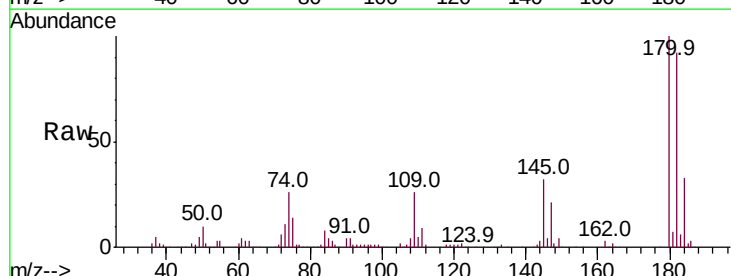


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

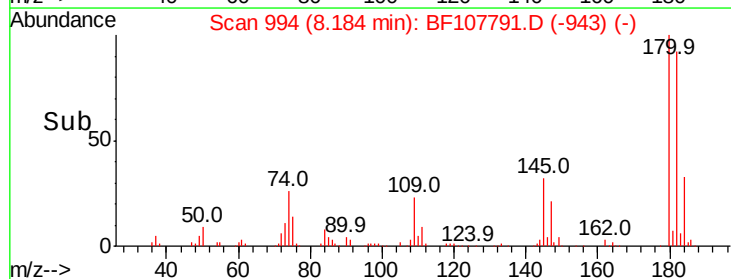
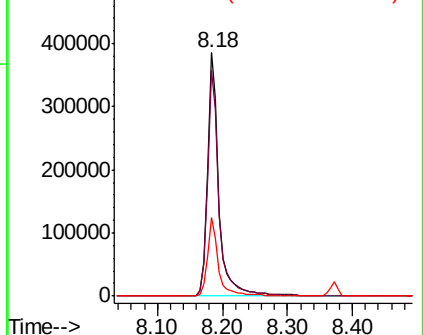


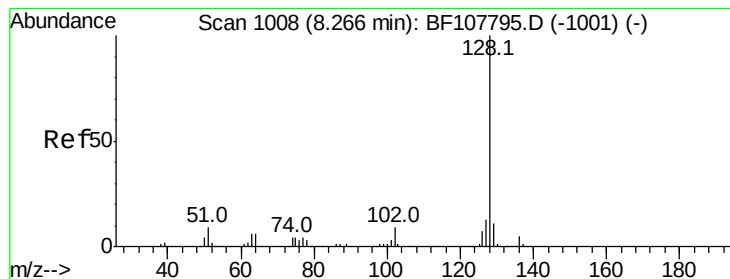
#30
1,2,4-Trichlorobenzene
Concen: 40.962 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion:180 Resp: 467127
Ion Ratio Lower Upper
180 100
182 92.5 76.8 115.2
145 32.4 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: 39.347 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampled :

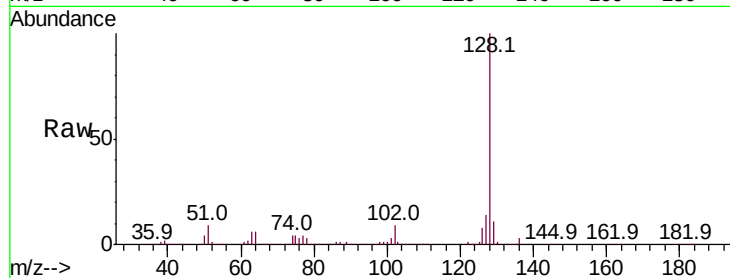
Tot Ion:128 Resp: 1266953

Ion Ratio Lower Upper

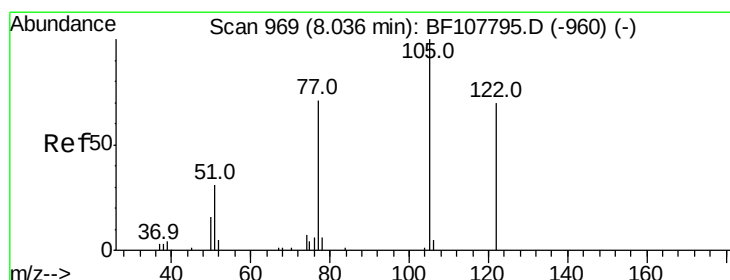
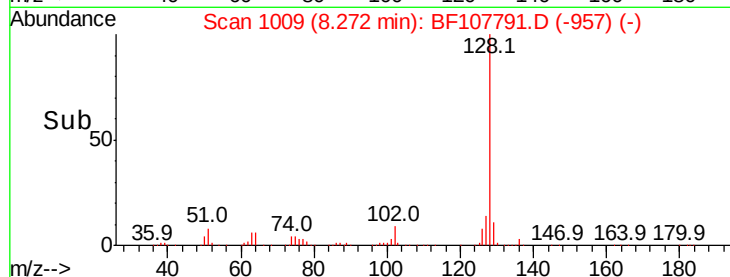
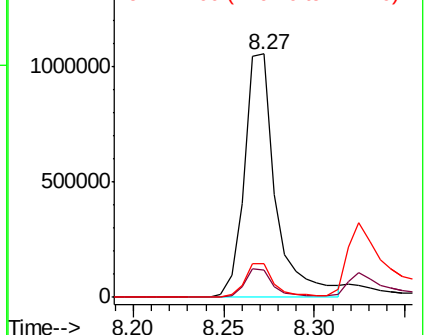
128 100

129 11.2 8.8 13.2

127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.922 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

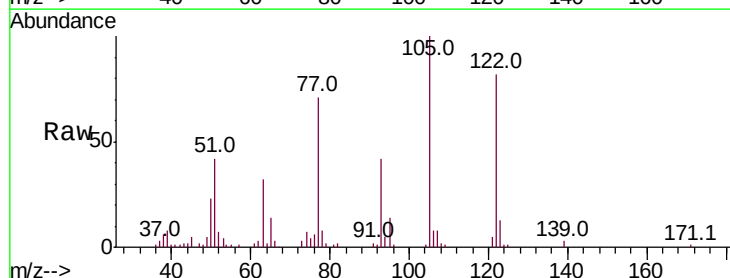
Tgt Ion:122 Resp: 163827

Ion Ratio Lower Upper

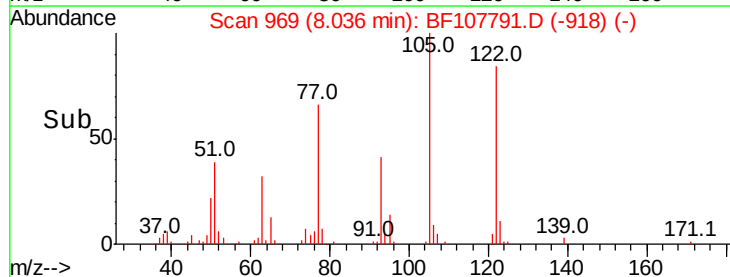
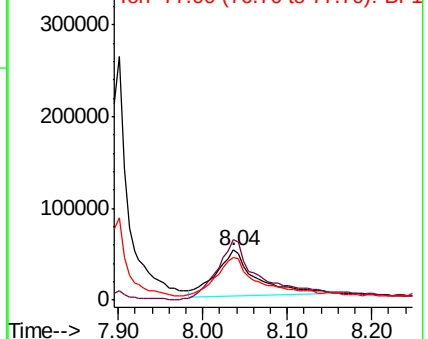
122 100

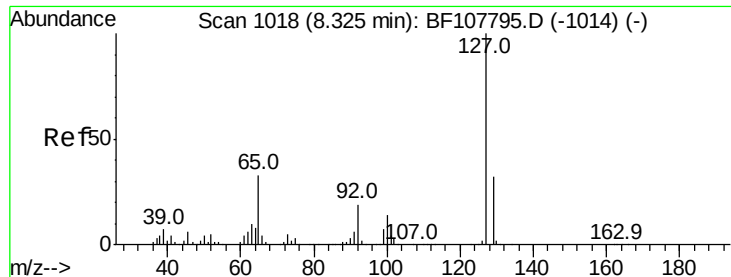
105 121.4 101.1 141.1

77 86.6 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

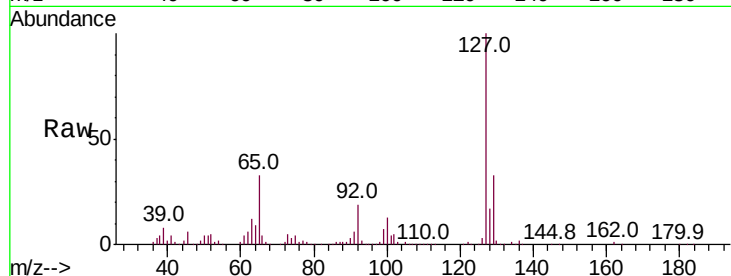




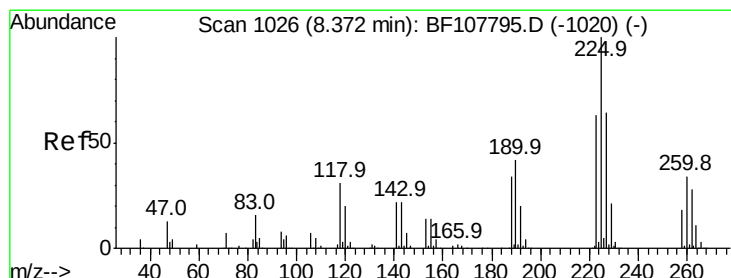
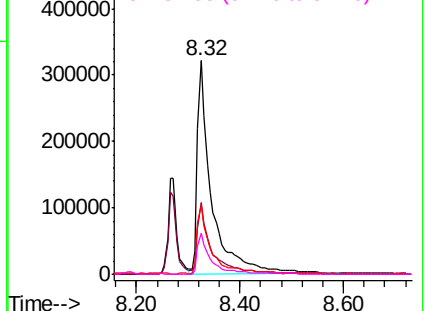
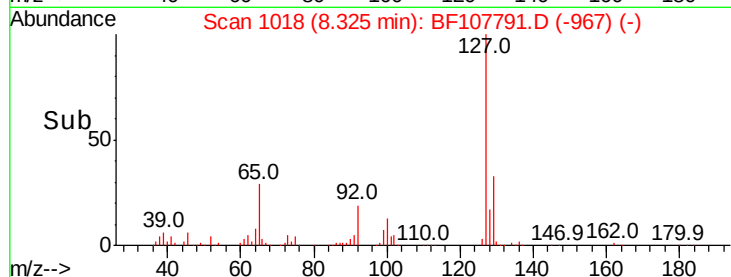
#33
4-Chloroaniline
Concen: 43.371 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	610399
Ion Ratio	Lower	Upper
127	100	
129	33.4	25.9 38.9
65	32.7	25.0 37.4
92	19.4	15.2 22.8

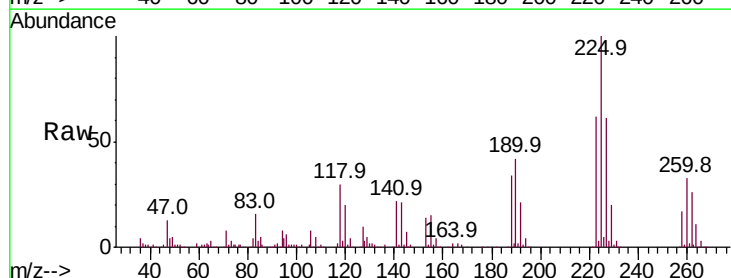


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

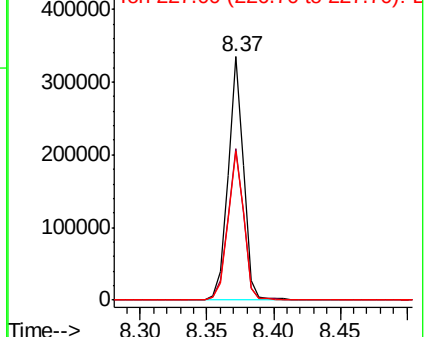
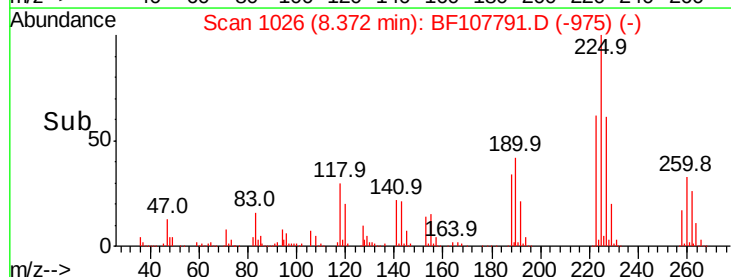


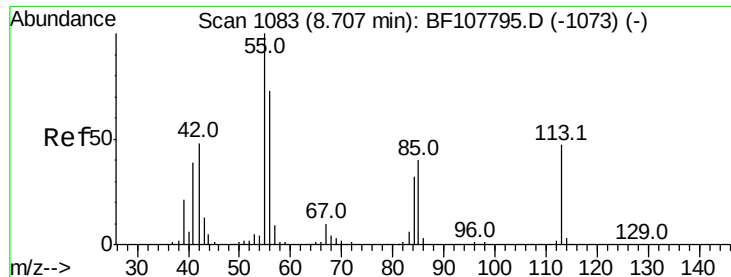
#34
Hexachlorobutadiene
Concen: 40.805 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion:225	Resp:	276505
Ion Ratio	Lower	Upper
225	100	
223	62.4	50.6 76.0
227	61.3	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

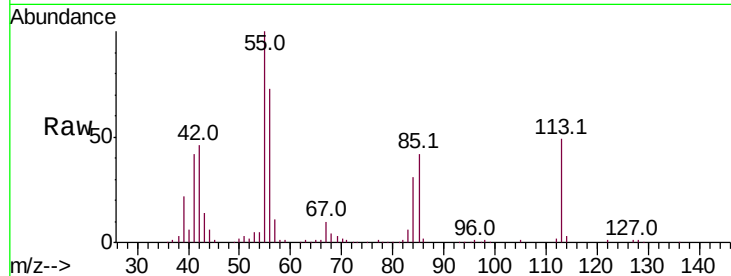




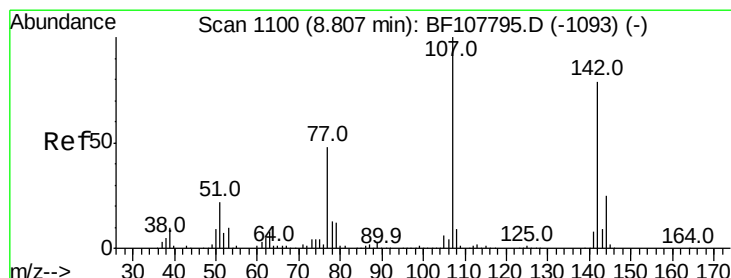
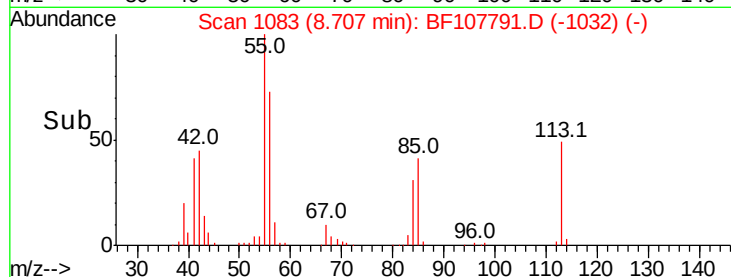
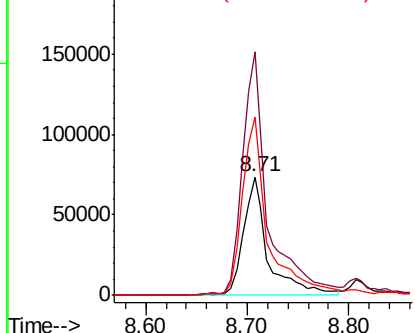
#35
 Caprolactam
 Concen: 37.567 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 124065
 Ion Ratio Lower Upper
 113 100
 55 204.9 163.3 203.3#
 56 150.1 115.7 155.7

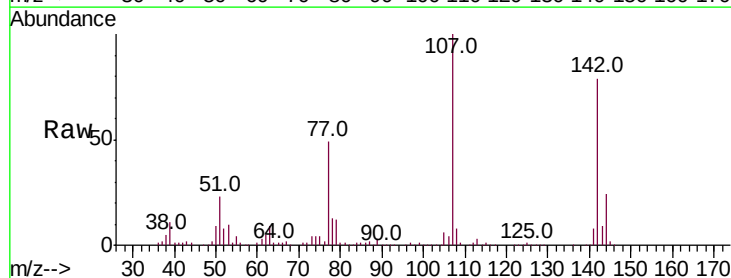


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

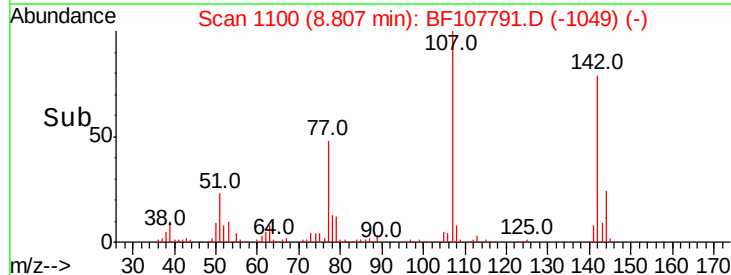
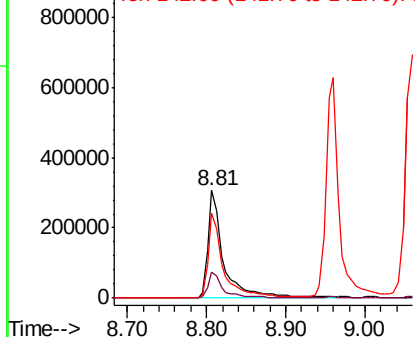


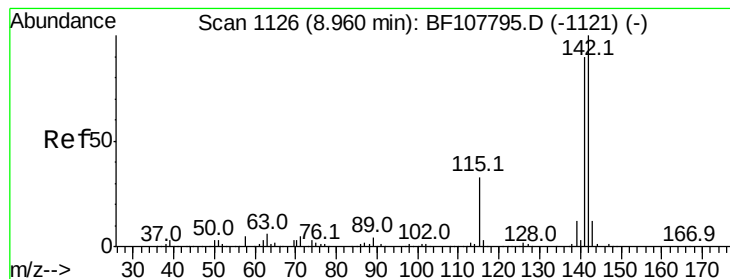
#36
 4-Chloro-3-methylphenol
 Concen: 37.745 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion:107 Resp: 425714
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 79.1 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

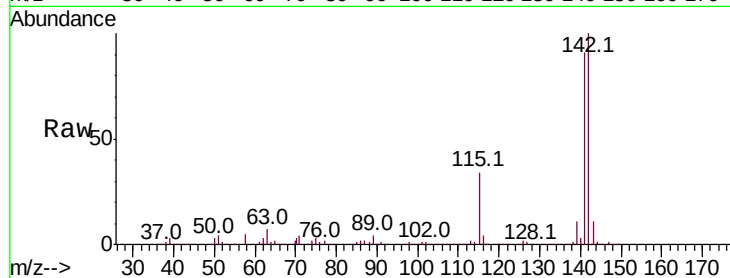




#37
 2-Methylnaphthalene
 Concen: 32.734 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.8	106.2
115	33.6	26.1	39.1

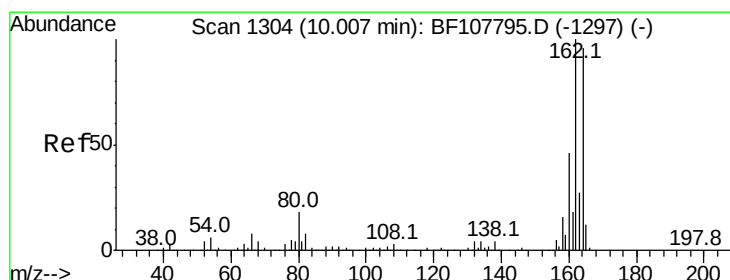
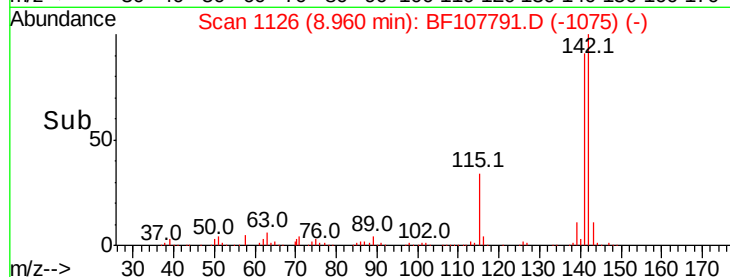
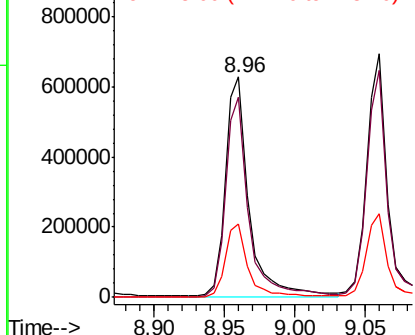


Abundance

Ion 142.00 (141.70 to 142.70): E

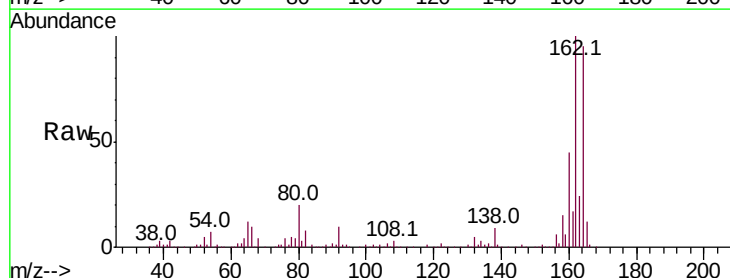
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	47.5	38.3	57.5

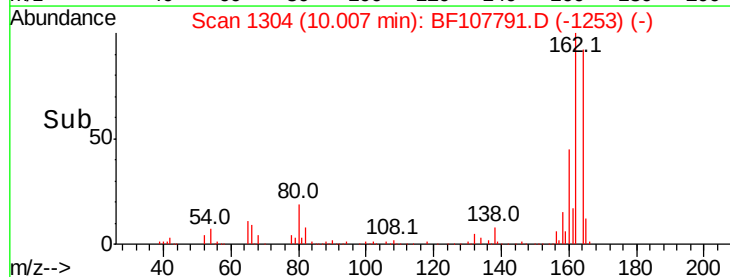
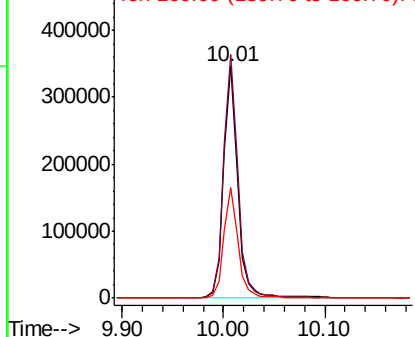


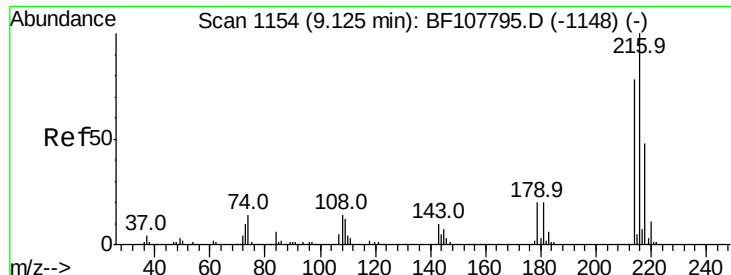
Abundance

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

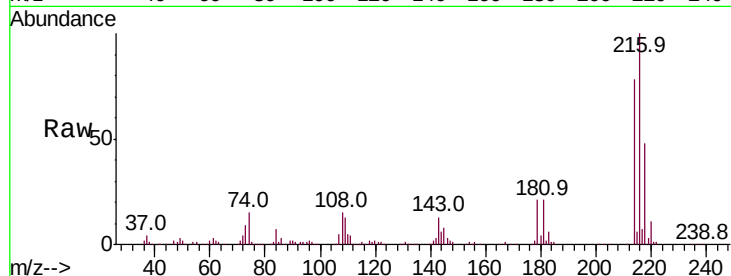




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.438 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.3	18.1	27.1
108	16.0	17.2	25.8



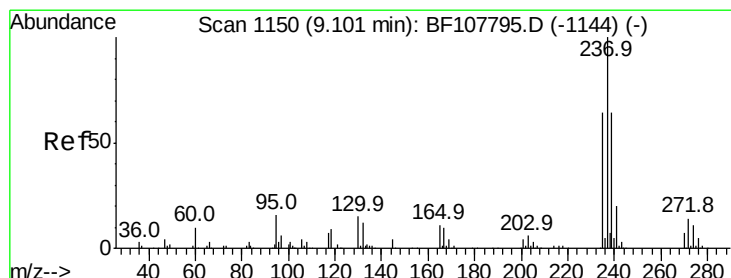
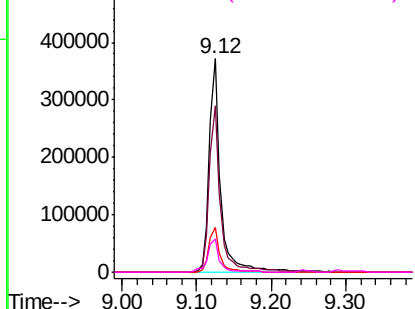
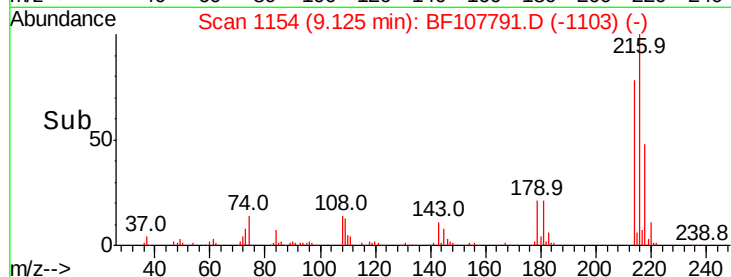
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

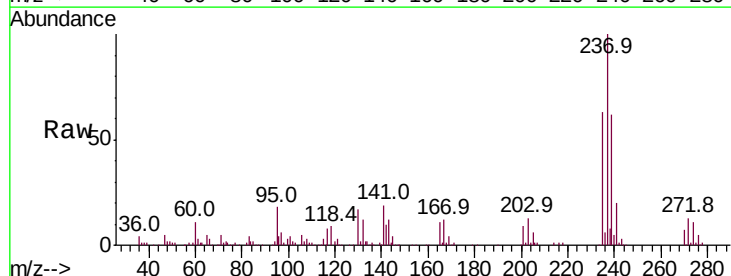
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 25.825 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.8	84.8
272	13.5	0.0	33.3

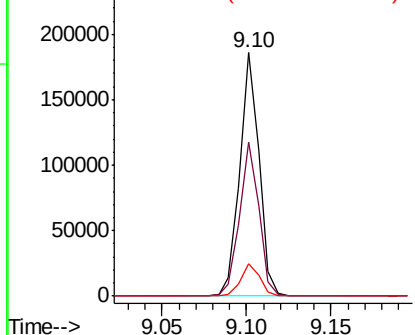
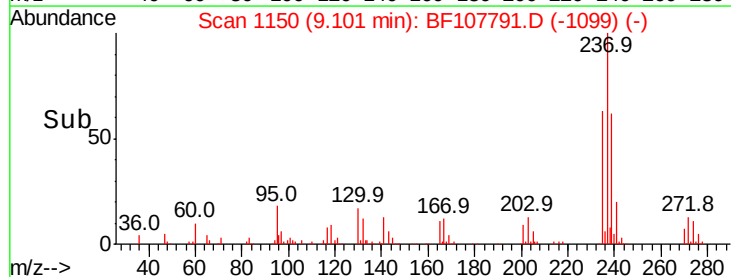


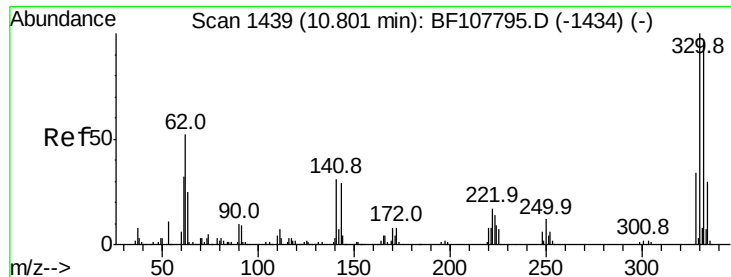
Abundance

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

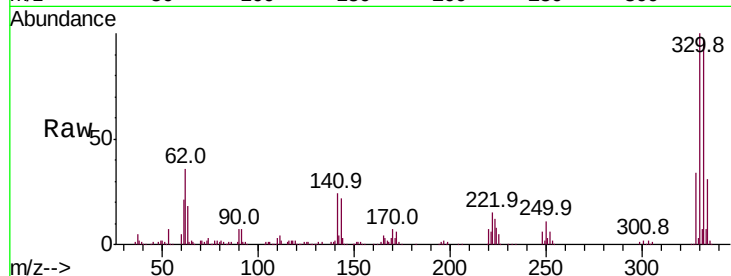




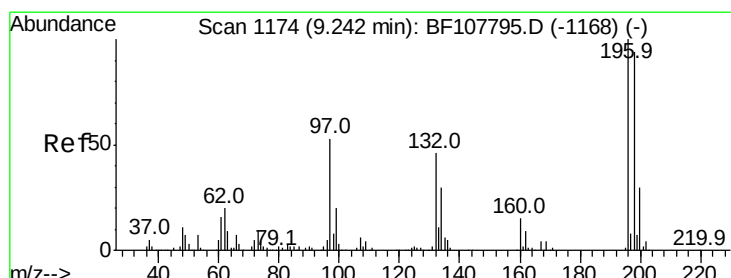
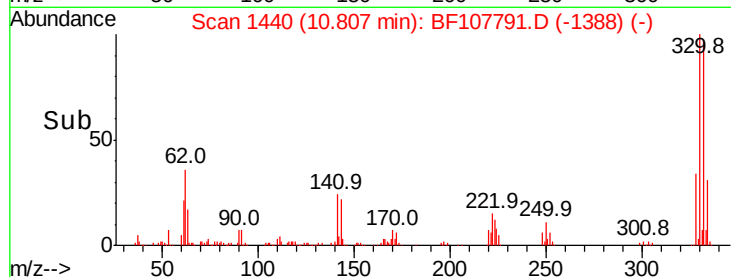
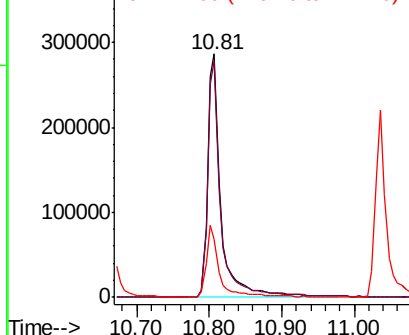
#41
 2,4,6-Tribromophenol
 Concen: 95.590 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	26.2	29.9	44.9#

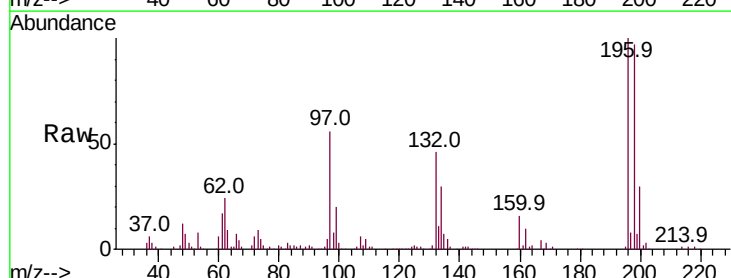


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

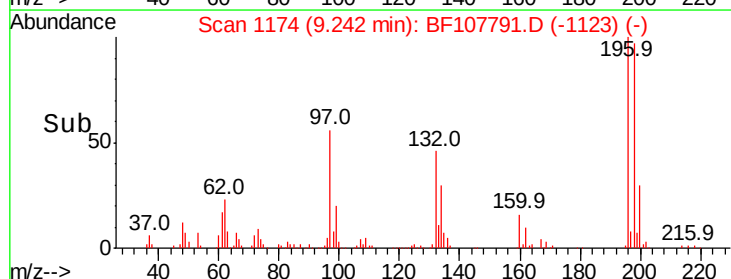
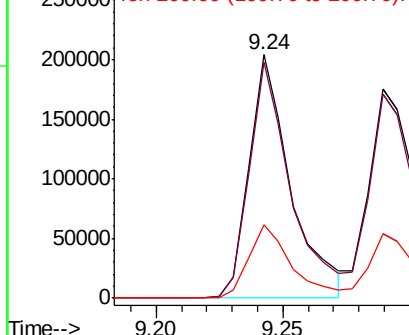


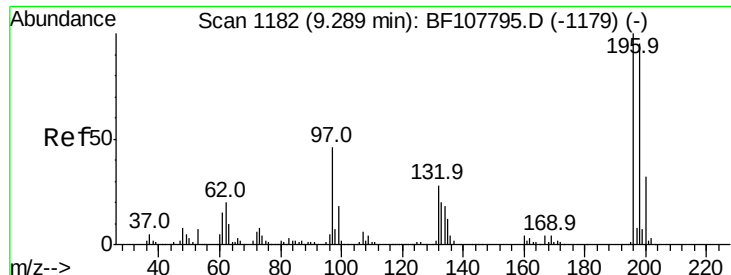
#42
 2,4,6-Trichlorophenol
 Concen: 32.409 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
200	30.0	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

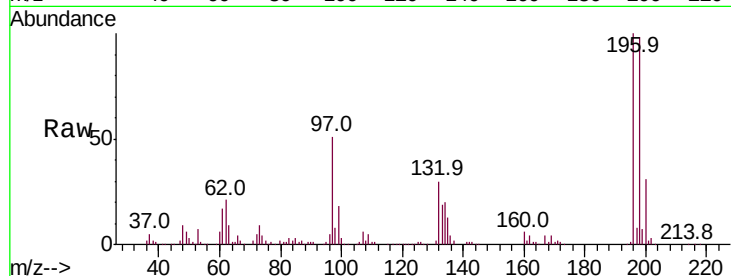




#43
 2,4,5-Trichlorophenol
 Concen: 39.608 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	74.6	112.0
97	50.6	42.9	64.3
132	30.2	26.3	39.5



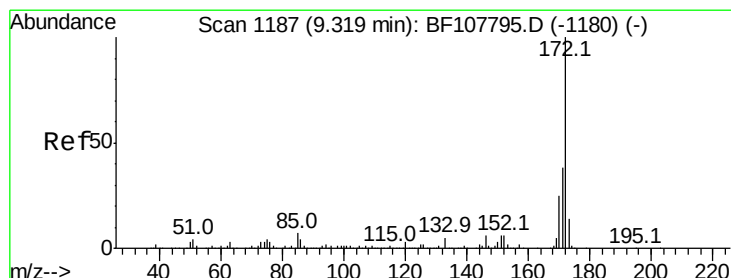
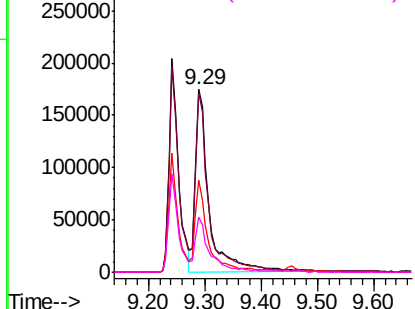
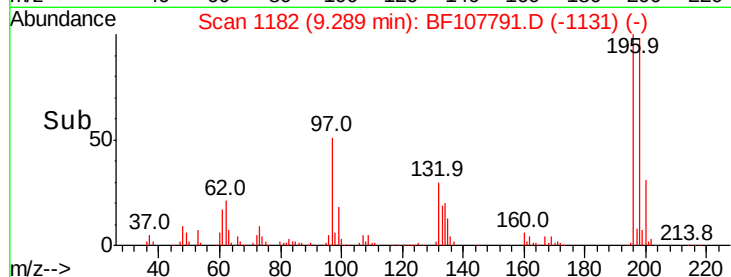
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

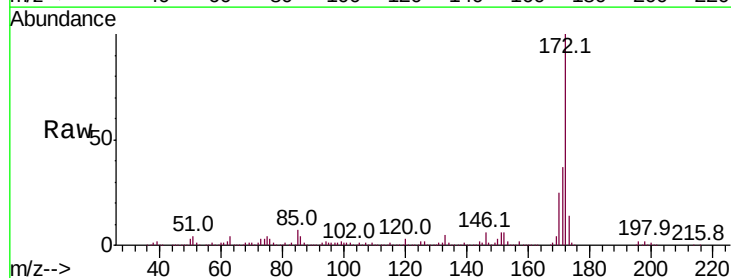
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.122 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.8	19.6	29.4

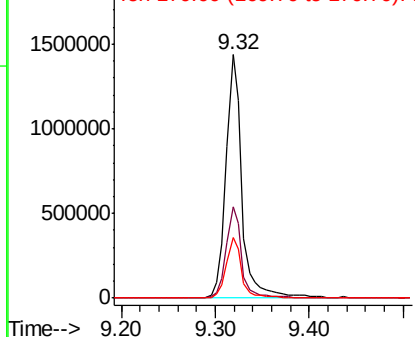
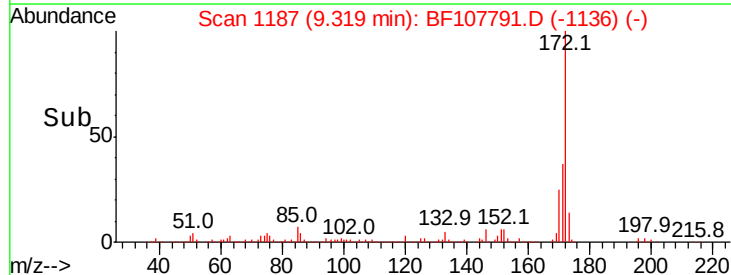


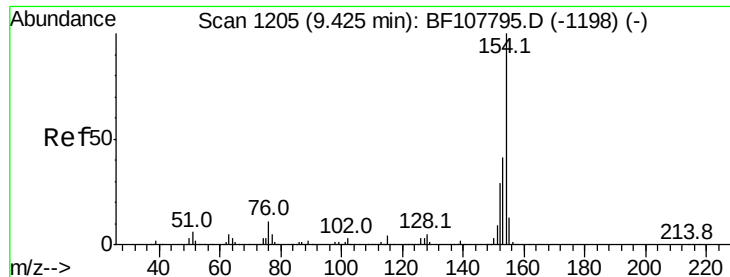
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

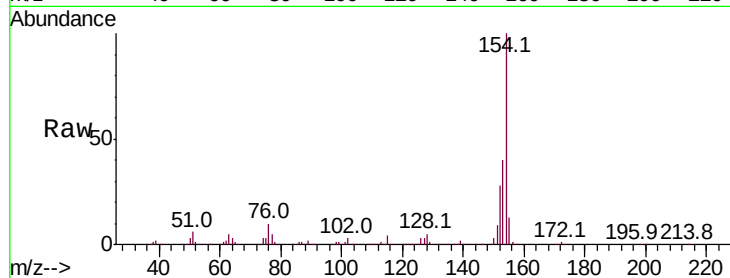




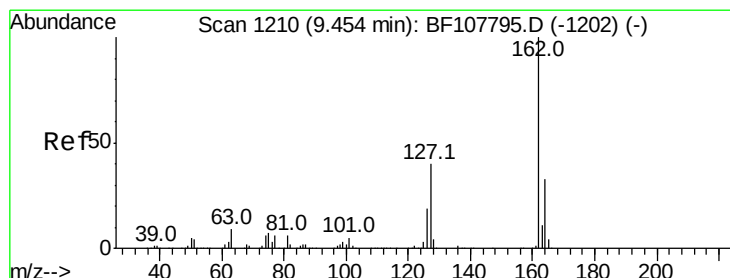
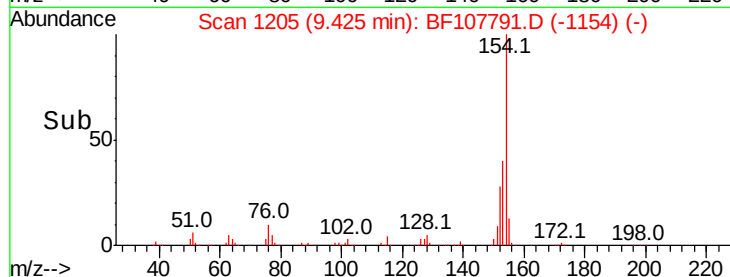
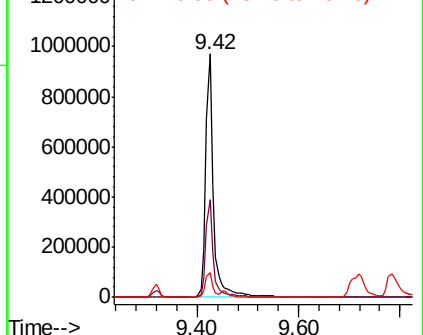
#45
 1,1'-Biphenyl
 Concen: 35.443 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1040095
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.3 61.3
 76 10.2 0.0 34.0

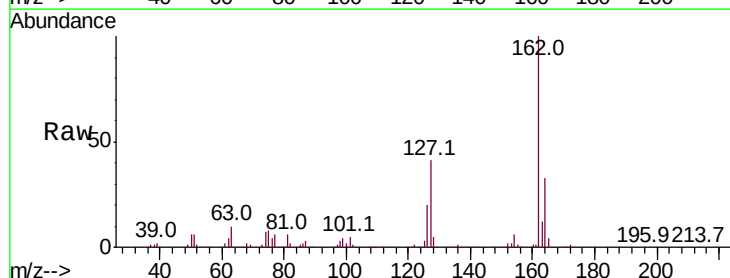


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

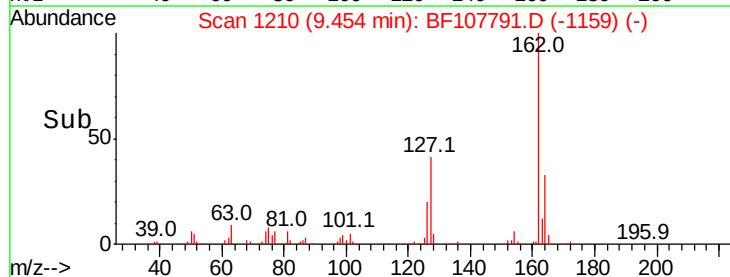
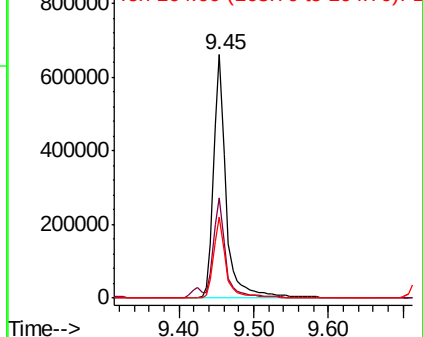


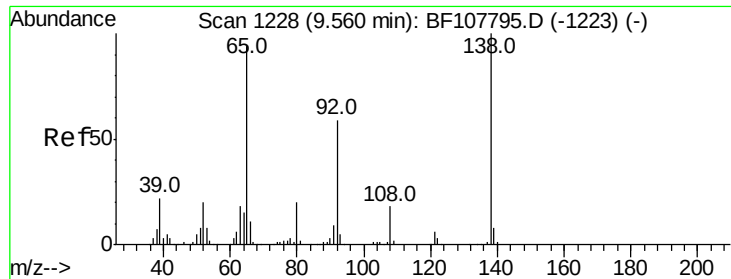
#46
 2-Chloronaphthalene
 Concen: 34.454 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion:162 Resp: 772832
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.9 50.9
 164 33.5 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

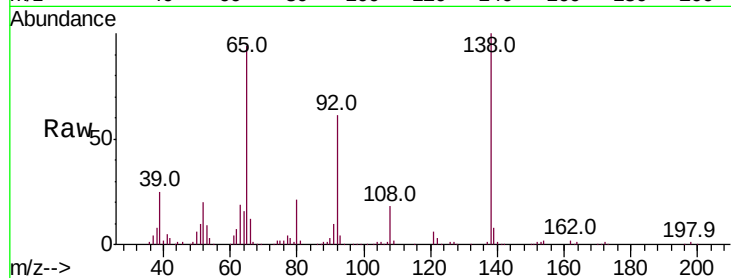




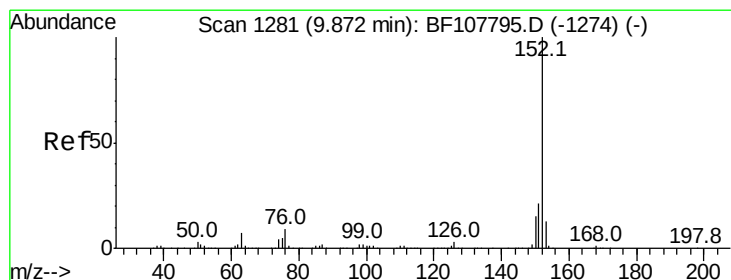
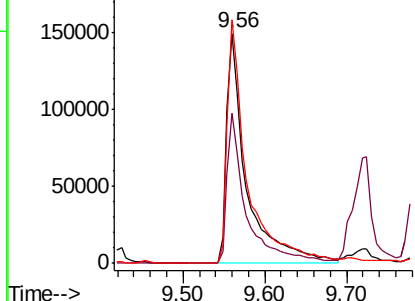
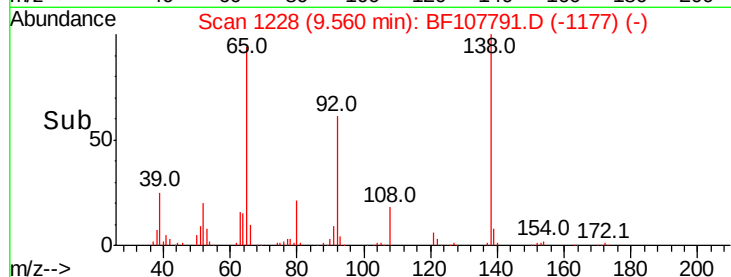
#47
2-Nitroaniline
Concen: 38.875 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 254214
Ion Ratio Lower Upper
65 100
92 65.2 55.8 83.6
138 106.1 91.2 136.8

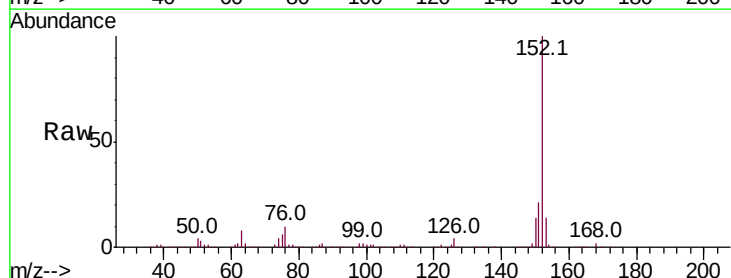


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

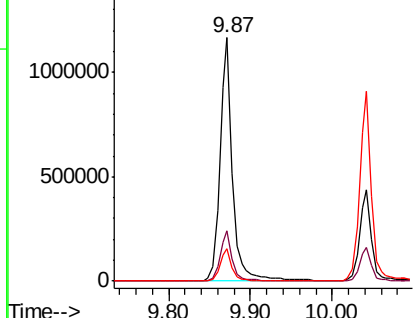
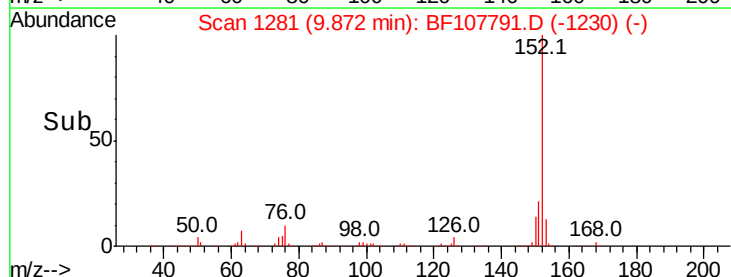


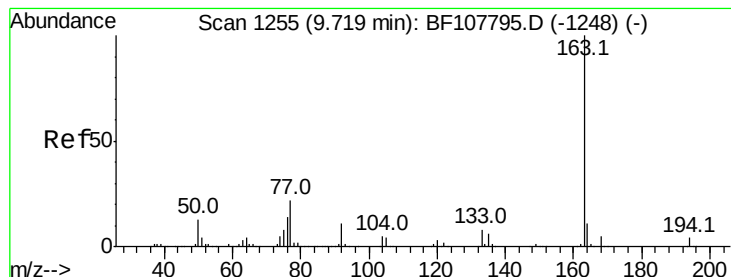
#48
Acenaphthylene
Concen: 36.975 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion: 152 Resp: 1245877
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.5 10.7 16.1



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





#49

Dimethylphthalate

Concen: 33.456 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

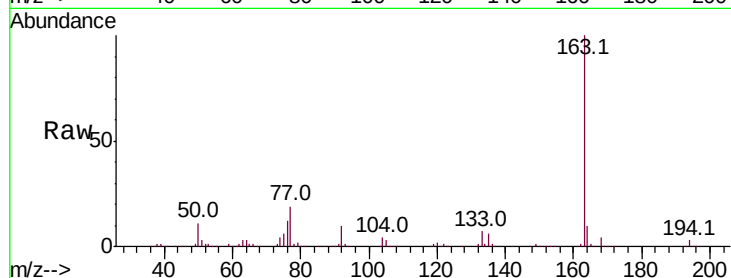
Tot Ion:163 Resp: 849408

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

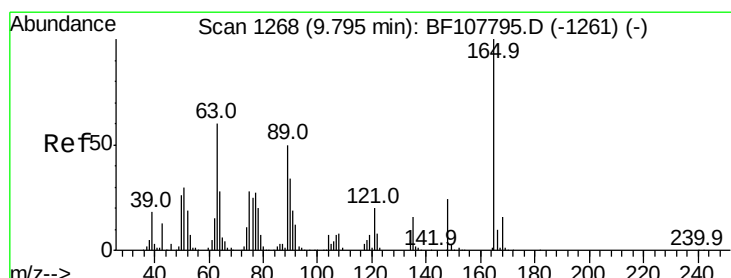
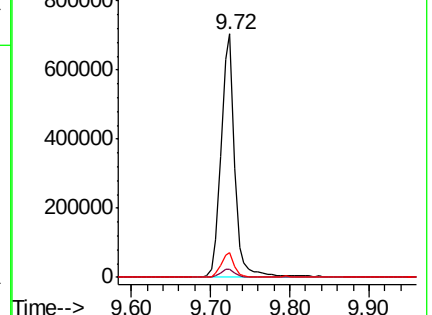
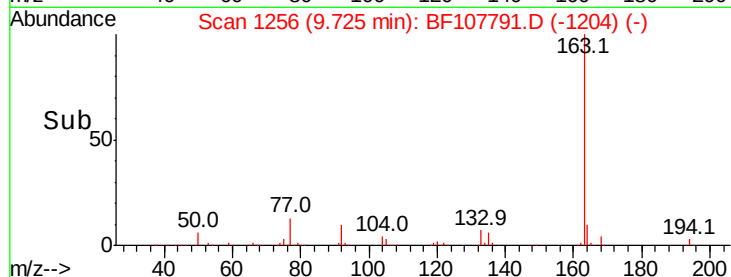
164 9.9 8.2 12.2



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: 38.026 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

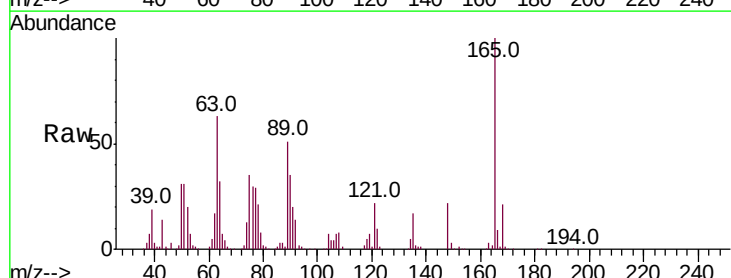
Tgt Ion:165 Resp: 191680

Ion Ratio Lower Upper

165 100

63 62.8 44.7 67.1

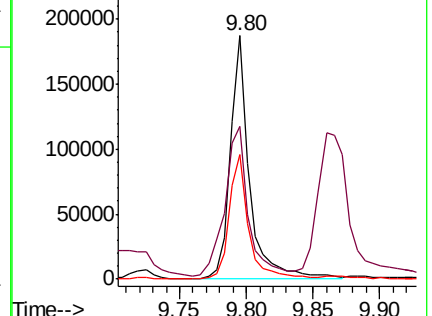
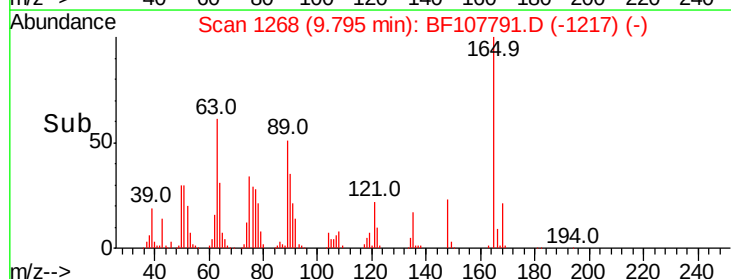
89 51.1 44.0 66.0

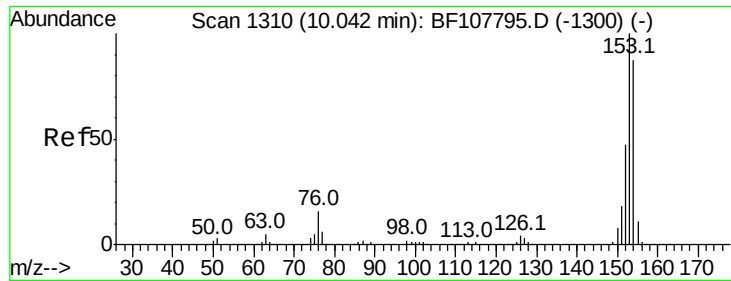


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.538 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

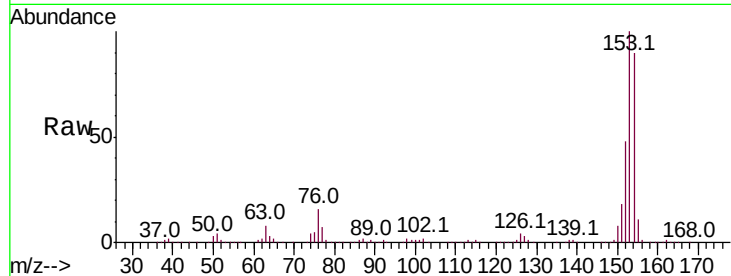
Tot Ion:154 Resp: 792492

Ion Ratio Lower Upper

154 100

153 111.5 91.2 136.8

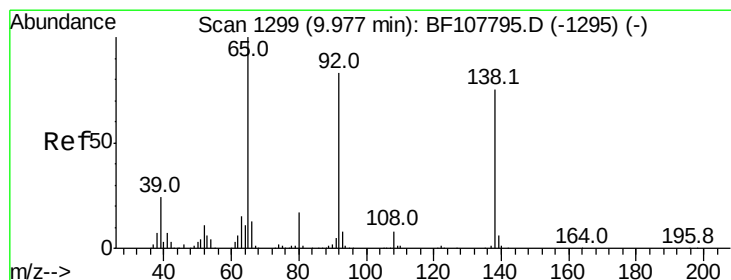
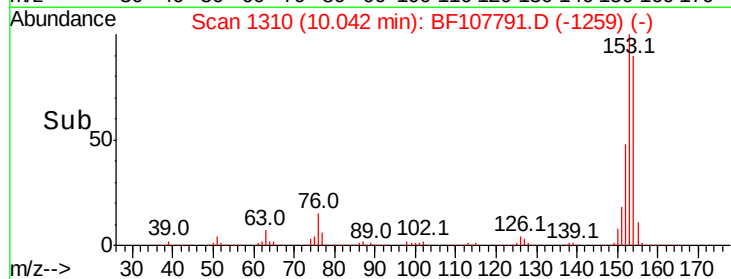
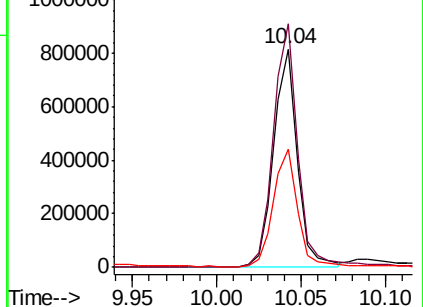
152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.945 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

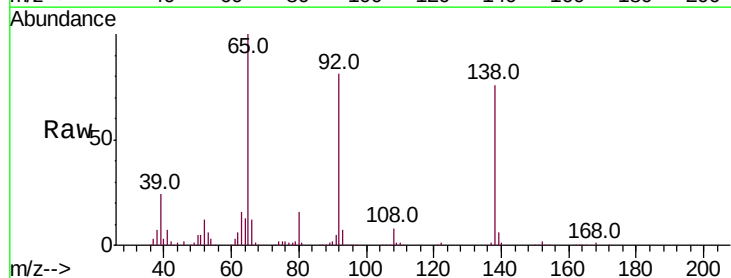
Tgt Ion:138 Resp: 269480

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

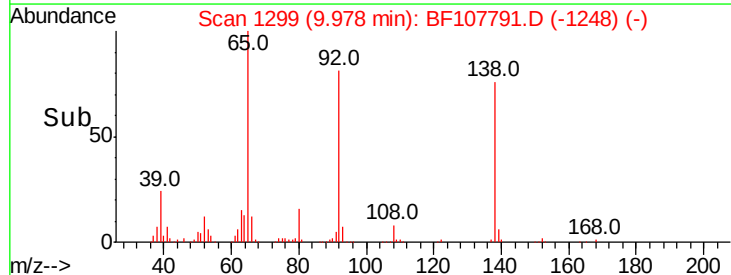
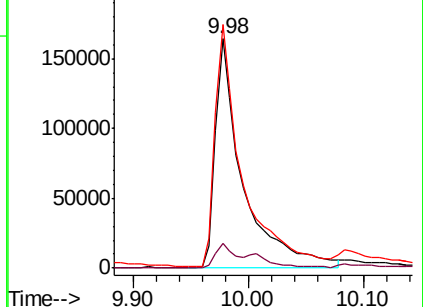
92 106.3 89.4 134.2

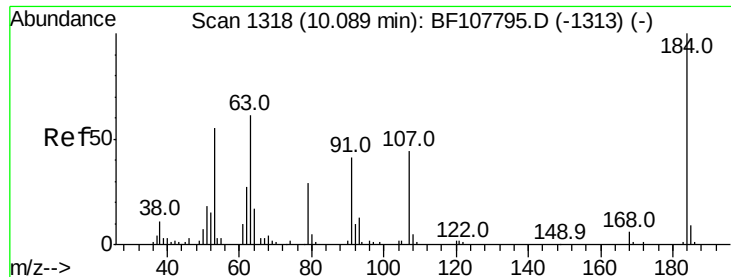


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

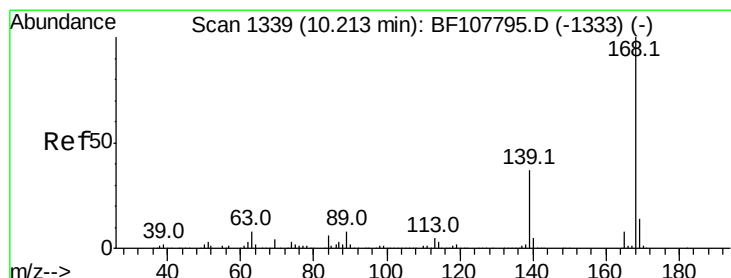
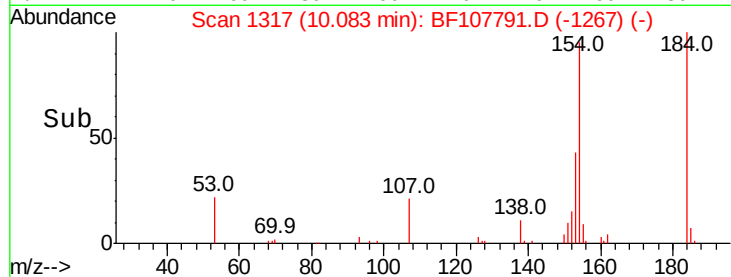
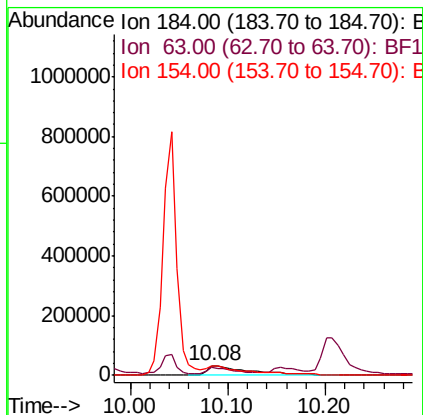
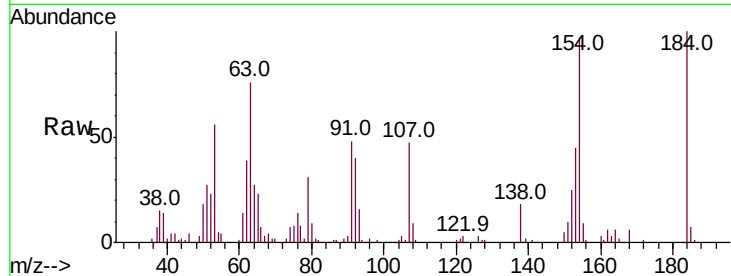




#53
 2,4-Dinitrophenol
 Concen: 62.189 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

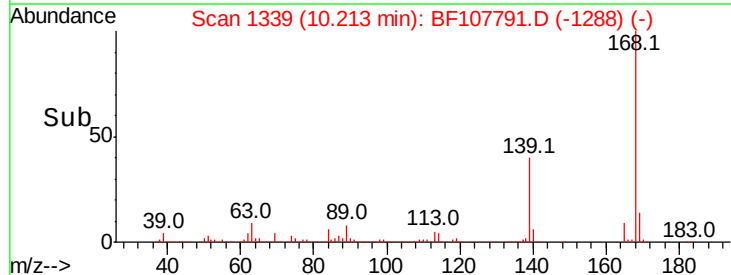
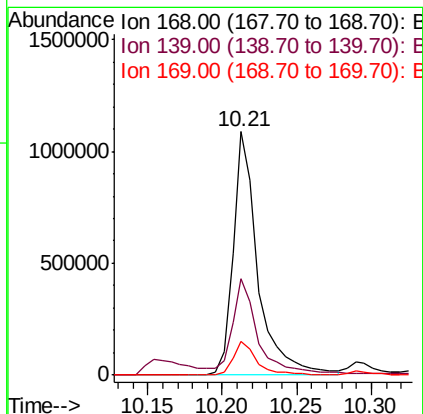
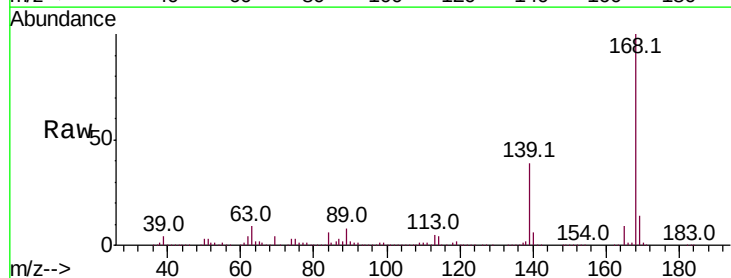
Instrument :
 BNA_F
 ClientSampleId :

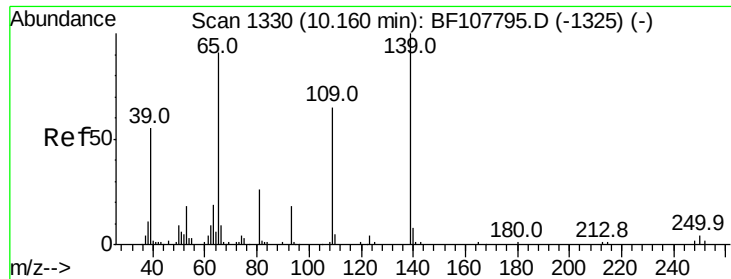
Tot Ion:184 Resp: 101066
 Ion Ratio Lower Upper
 184 100
 63 75.8 54.2 81.2
 154 96.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.645 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion:168 Resp: 1263281
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.1 45.1
 169 14.0 10.9 16.3

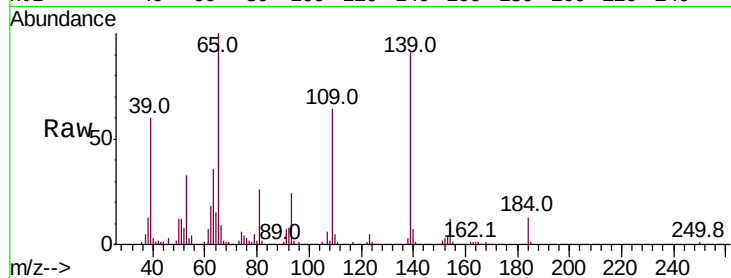




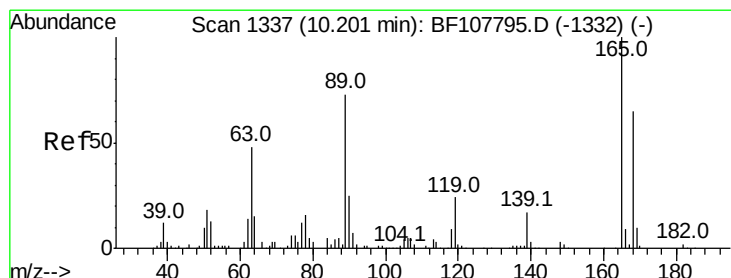
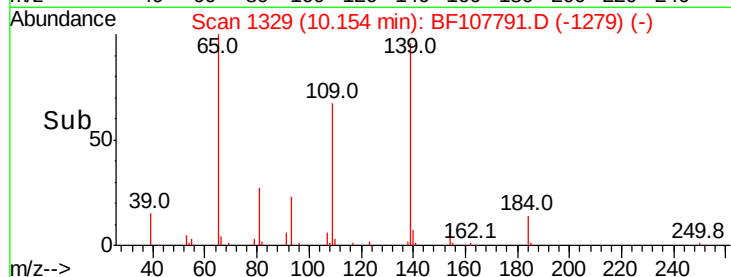
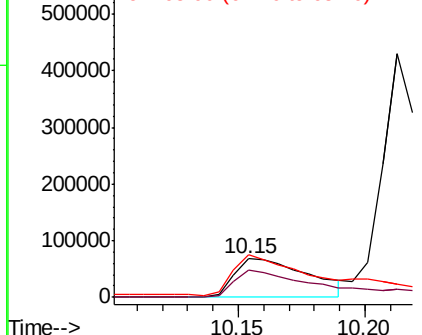
#55
4-Nitrophenol
Concen: 30.216 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 138731
Ion Ratio Lower Upper
139 100
109 70.1 48.4 88.4
65 110.1 72.6 112.6

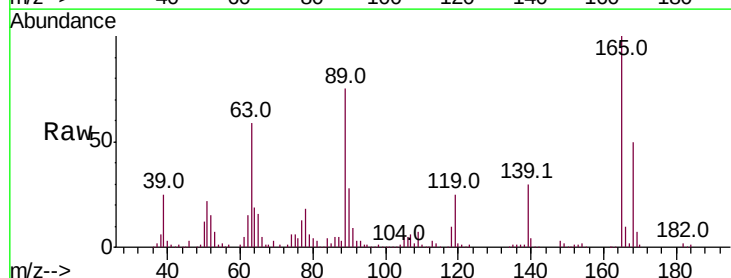


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

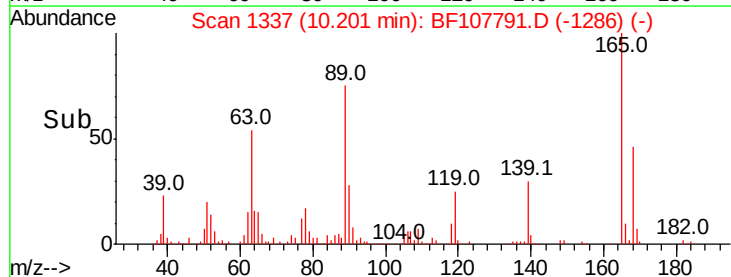
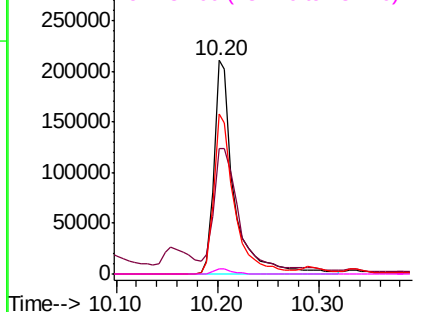


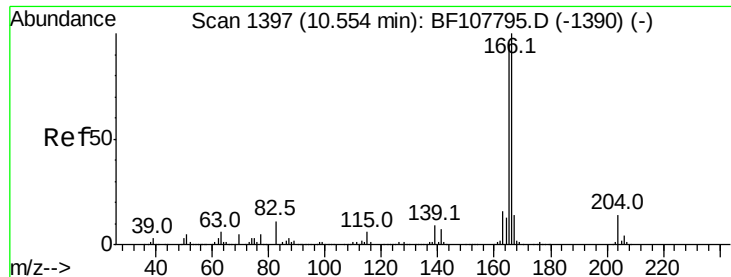
#56
2,4-Dinitrotoluene
Concen: 47.585 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion:165 Resp: 289534
Ion Ratio Lower Upper
165 100
63 58.7 36.4 54.6#
89 74.9 57.8 86.6
182 2.3 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

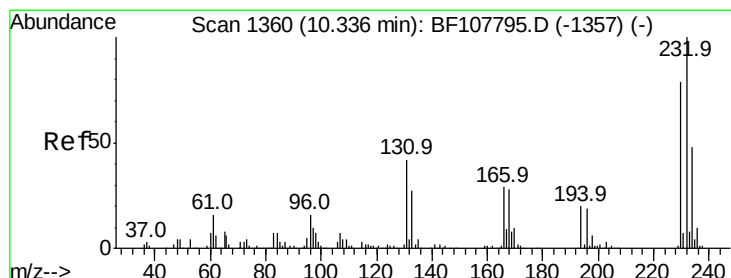
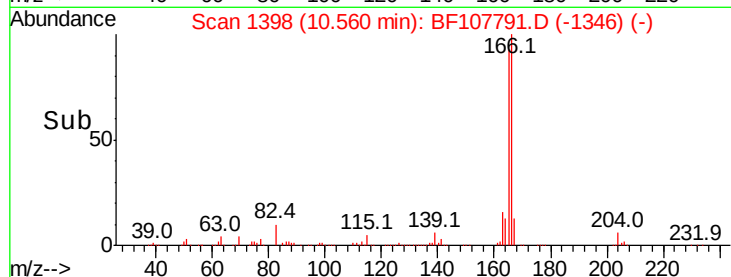
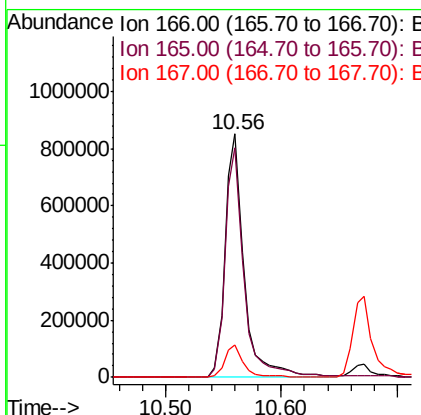
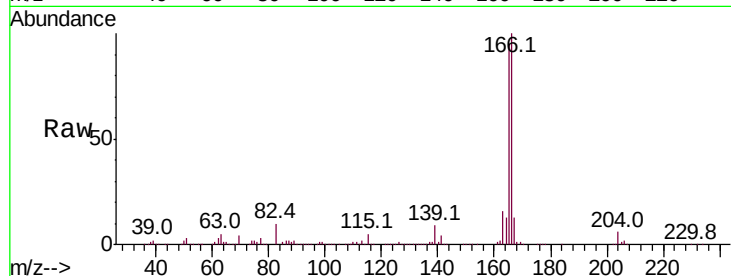




#57
 Fluorene
 Concen: 43.576 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

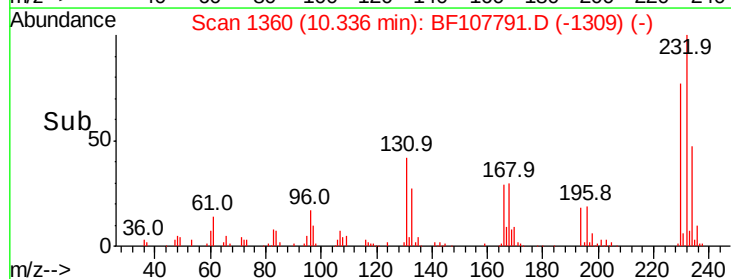
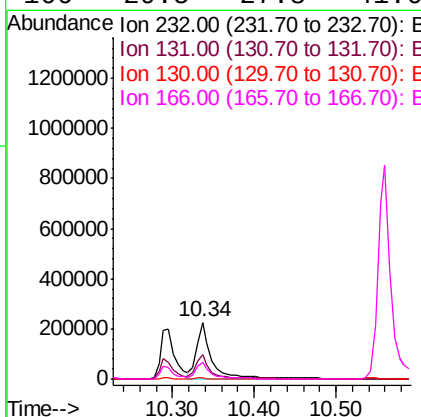
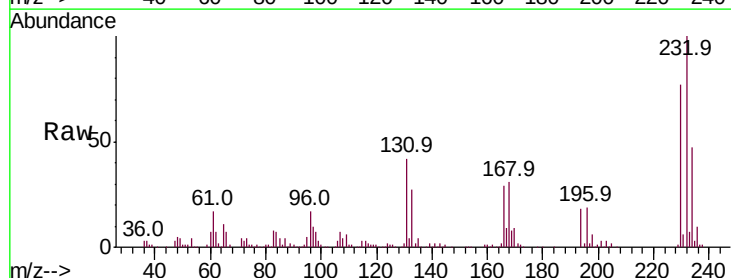
Instrument :
 BNA_F
 ClientSampleId :

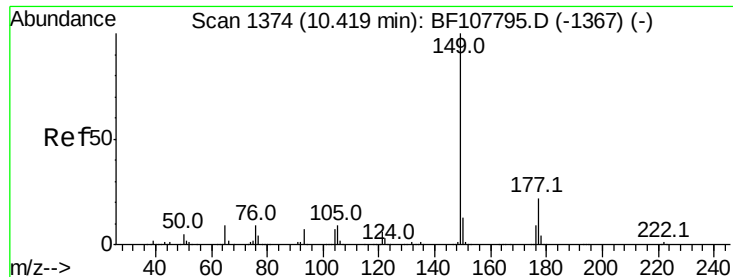
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.5	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.979 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.6	43.8	65.8#
130	1.9	2.1	3.1#
166	29.5	27.8	41.6





#59

Diethylphthalate

Concen: 39.082 ng

RT: 10.42 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampled :

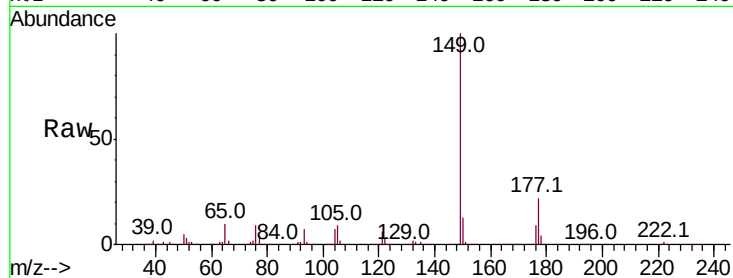
Tot Ion:149 Resp: 1036271

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

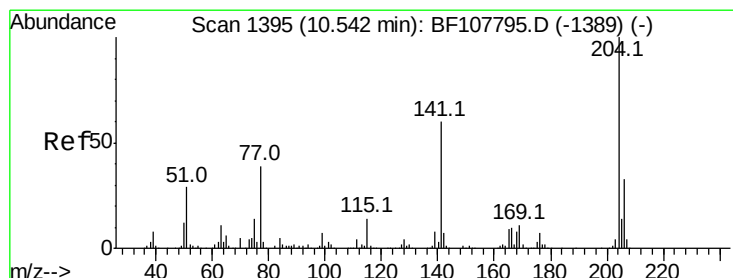
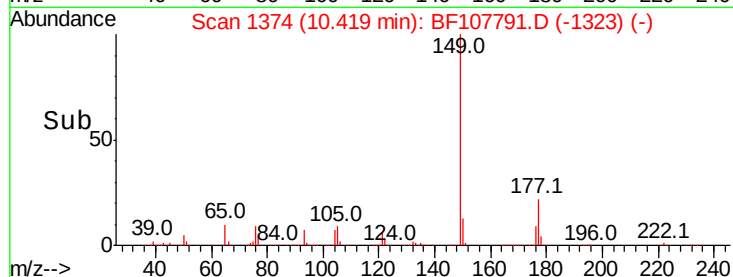
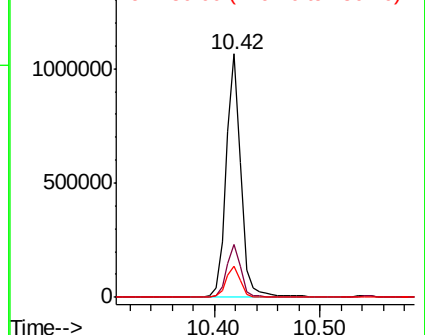
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.763 ng

RT: 10.54 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

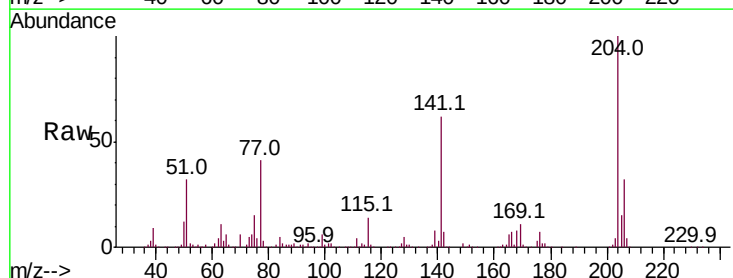
Tgt Ion:204 Resp: 523520

Ion Ratio Lower Upper

204 100

206 32.0 26.5 39.7

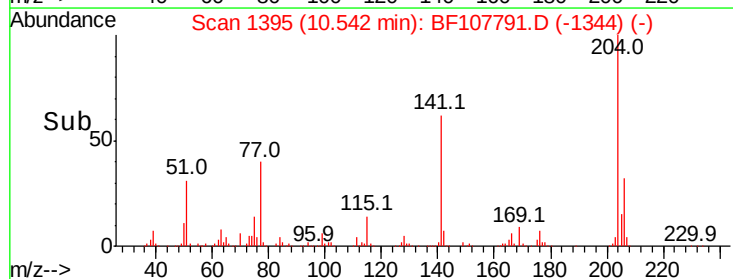
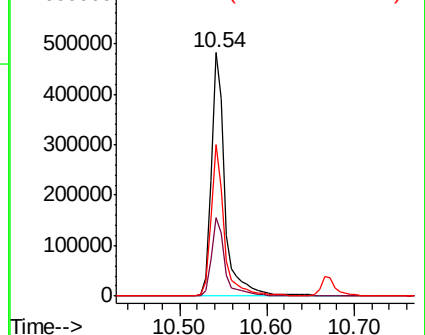
141 62.4 54.6 81.8

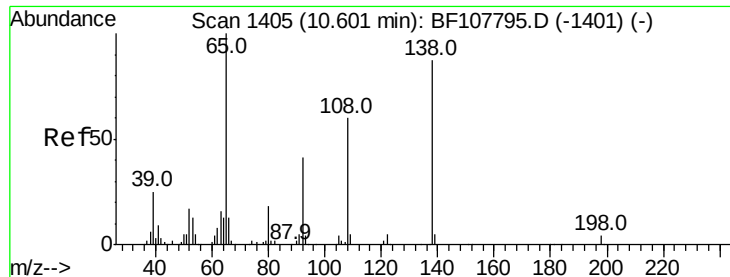


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

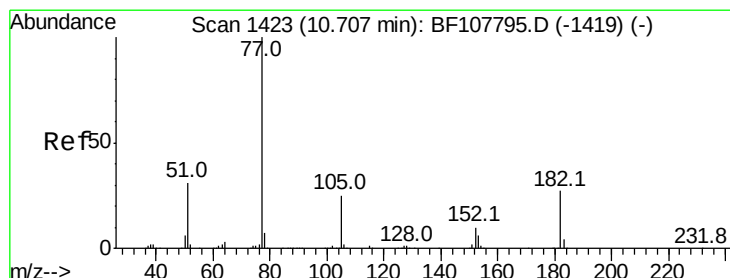
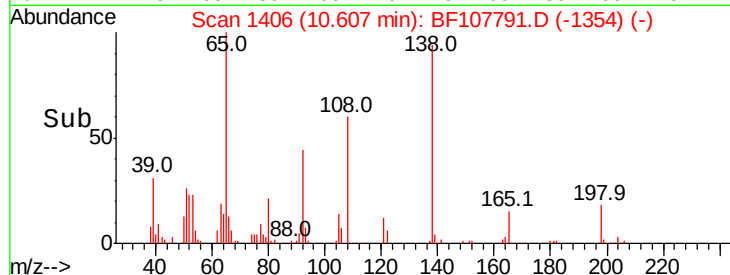
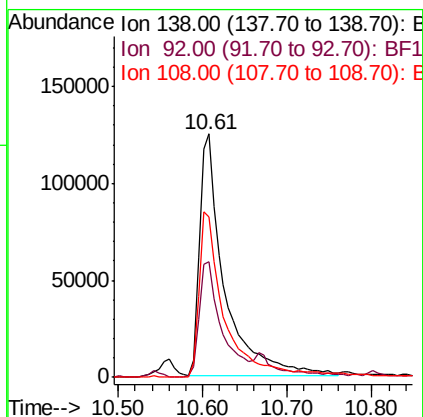
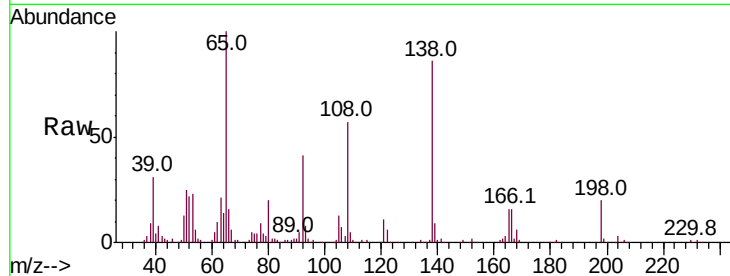




#61
4-Nitroaniline
Concen: 49.137 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

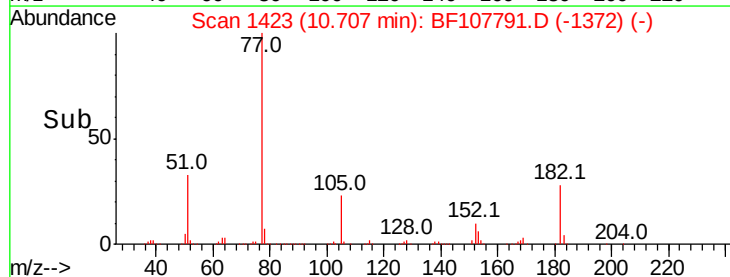
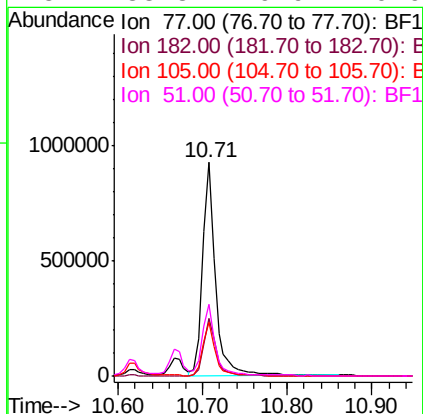
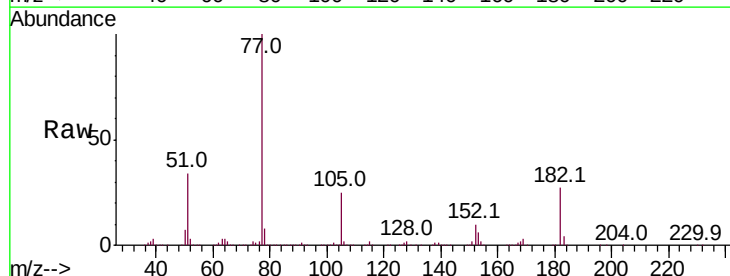
Instrument :
BNA_F
ClientSampled :

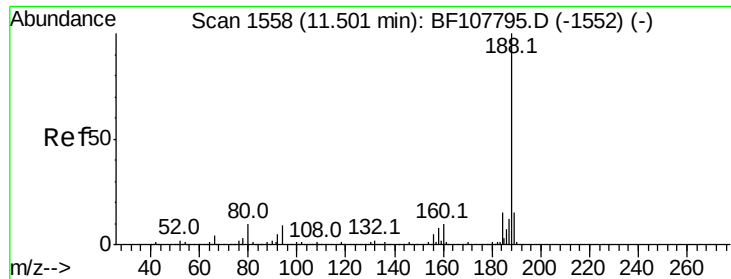
Tot Ion:138 Resp: 253162
Ion Ratio Lower Upper
138 100
92 47.5 30.2 70.2
108 65.9 52.5 92.5



#62
Azobenzene
Concen: 39.319 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion: 77 Resp: 977598
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 24.9 3.0 43.0
51 33.8 9.9 49.9

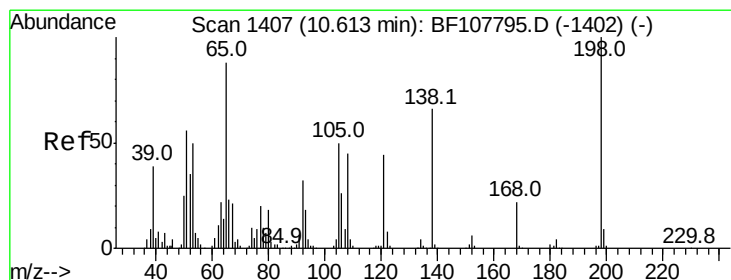
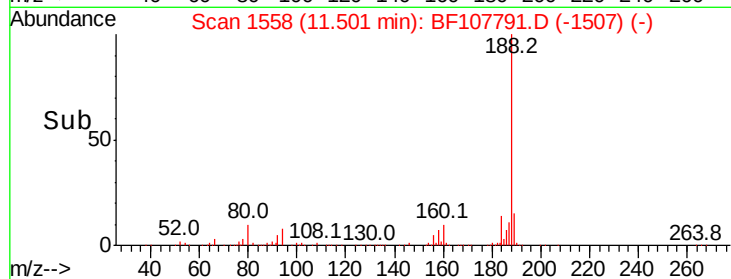
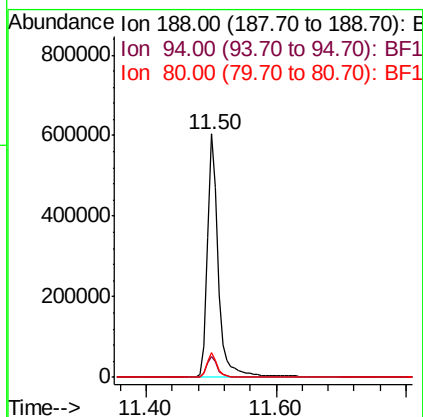
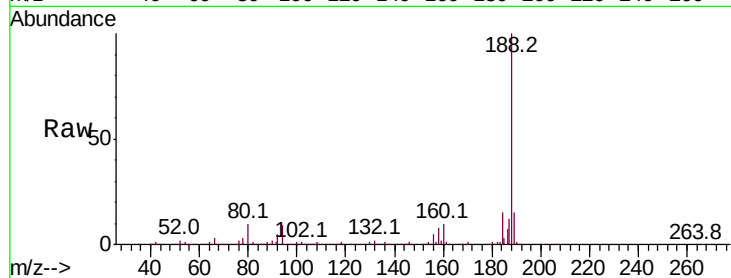




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

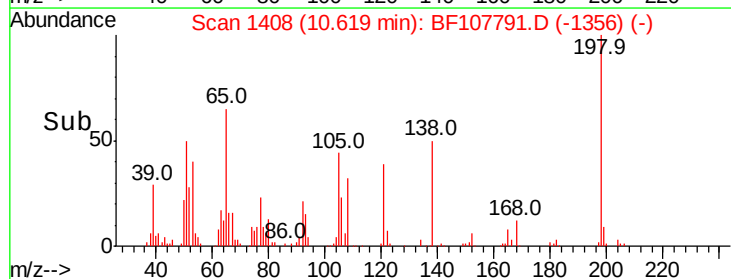
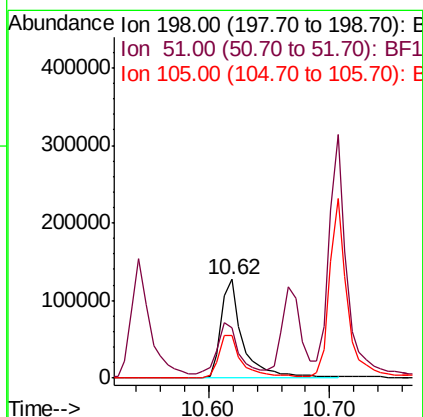
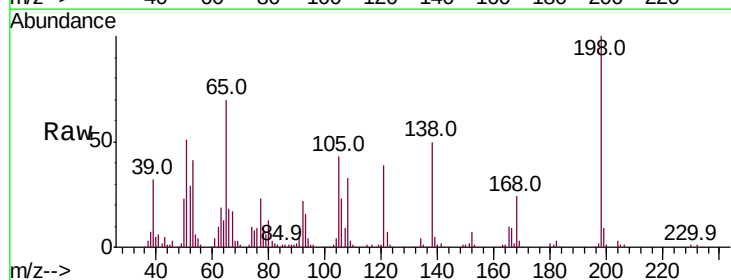
Instrument :
BNA_F
ClientSampleId :

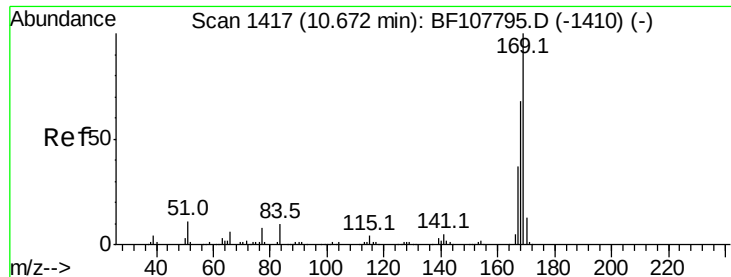
Tot Ion:188 Resp: 707990
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 53.979 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion:198 Resp: 159971
Ion Ratio Lower Upper
198 100
51 51.1 37.7 77.7
105 43.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.646 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

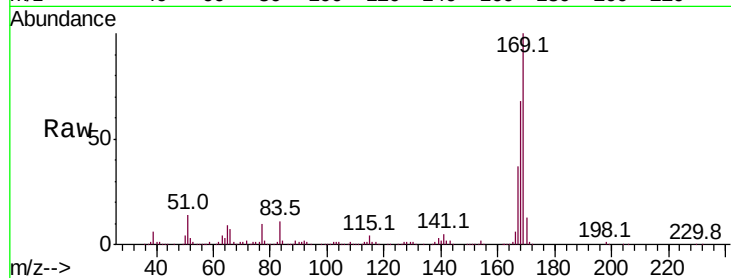
Tot Ion:169 Resp: 905194

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

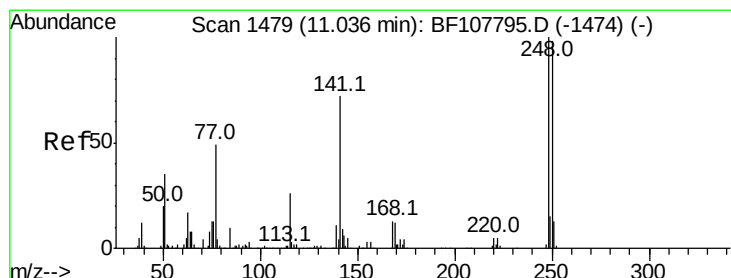
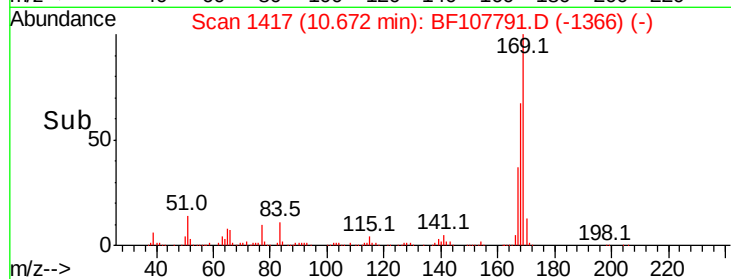
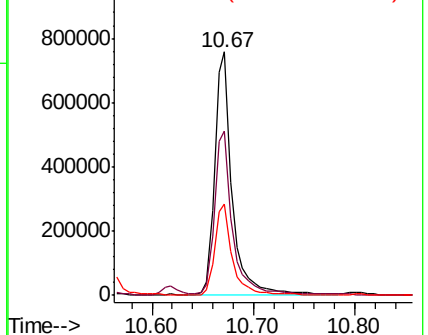
167 37.5 29.8 44.6



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: 37.344 ng

RT: 11.04 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

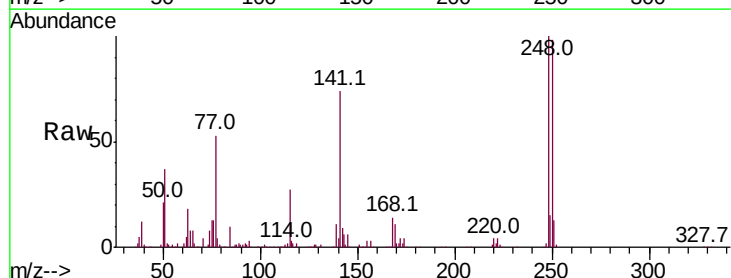
Tgt Ion:248 Resp: 311230

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

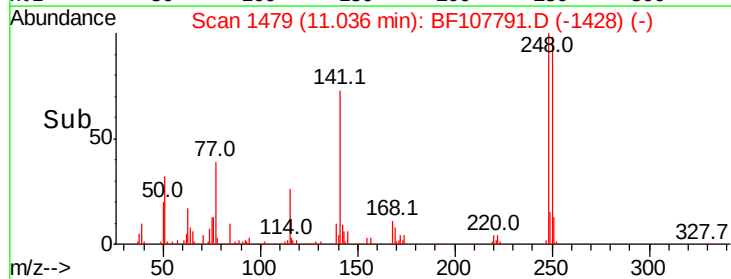
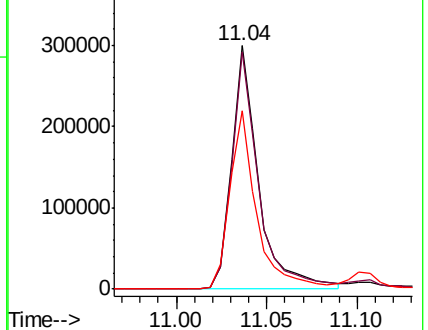
141 73.5 74.4 111.6#

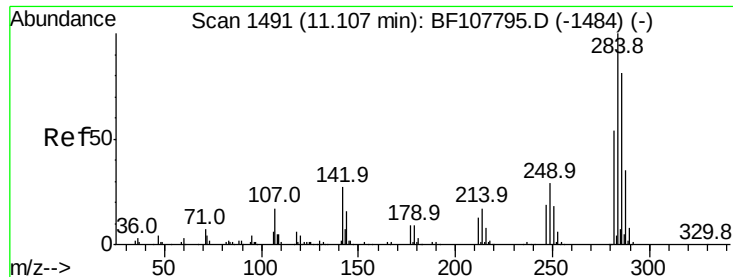


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

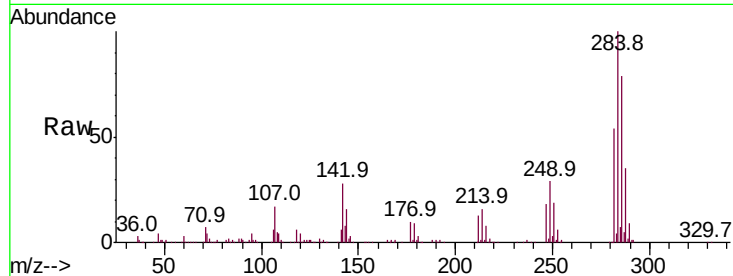




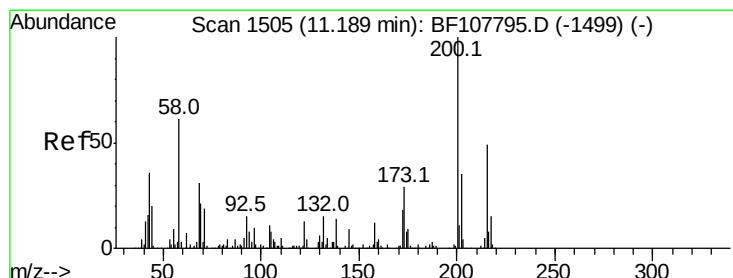
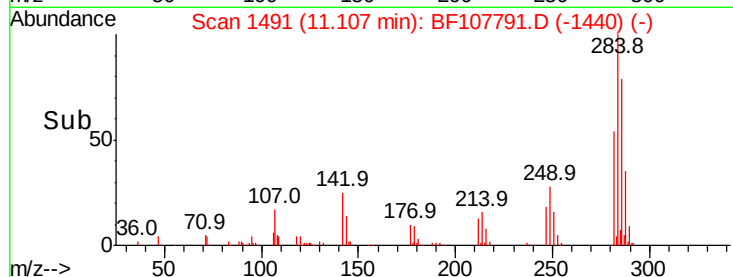
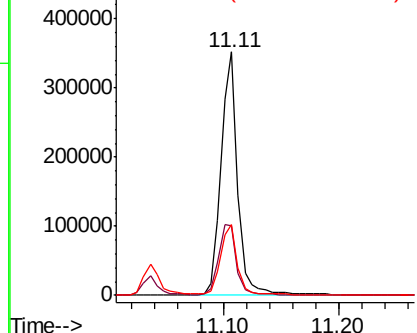
#67
Hexachlorobenzene
Concen: 38.660 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.4	34.6	52.0#
249	29.3	24.8	37.2

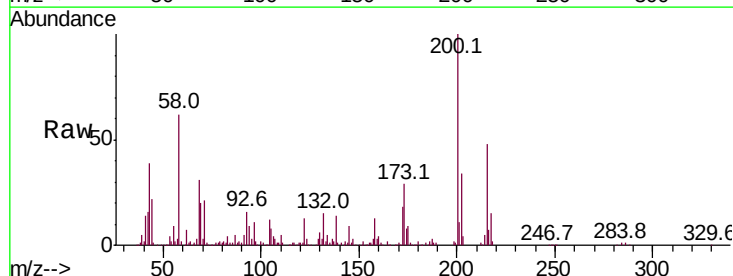


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

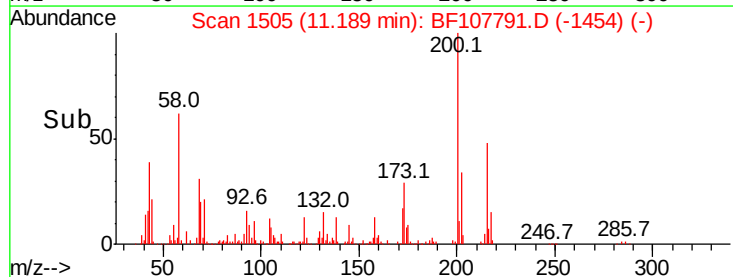
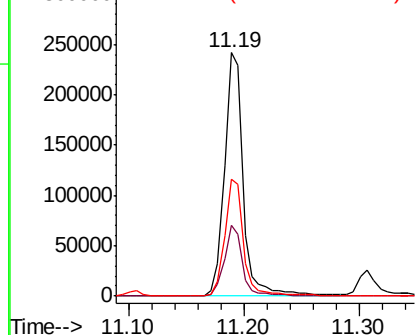


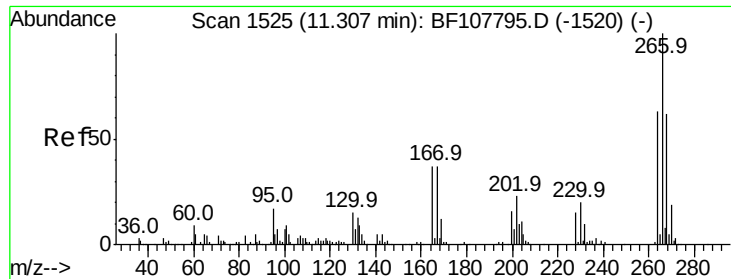
#68
Atrazine
Concen: 37.275 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	8.6	48.6
215	47.8	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

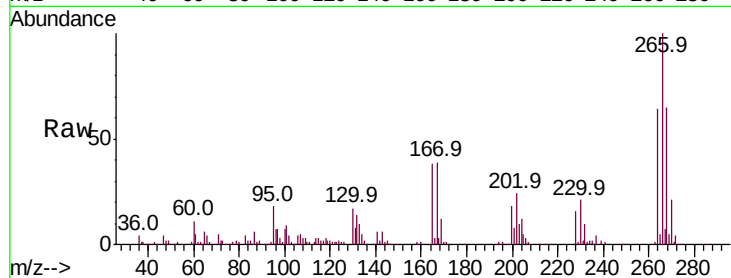




#69
 Pentachlorophenol
 Concen: 32.897 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	64.1	49.5	74.3

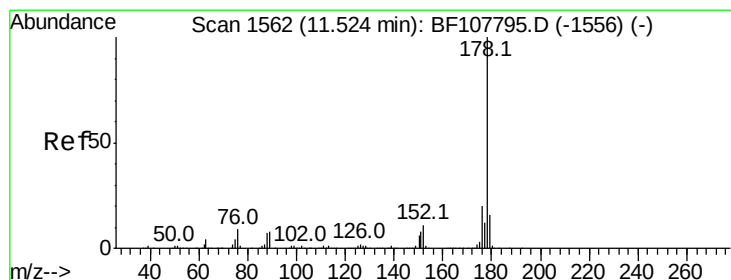
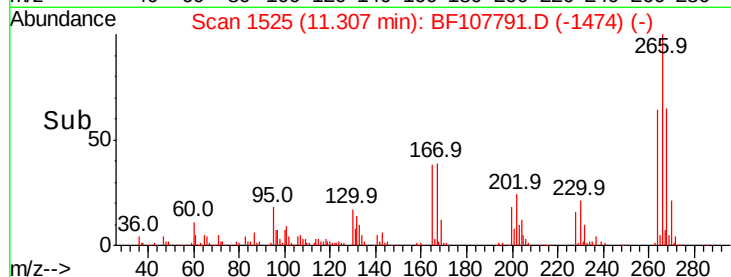
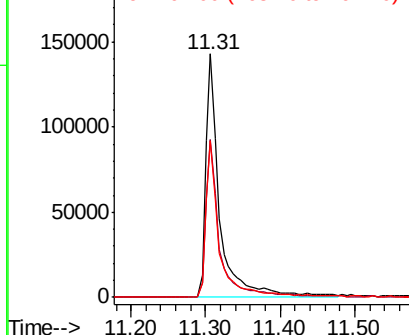


Abundance

Ion 265.70 (265.40 to 266.40): E

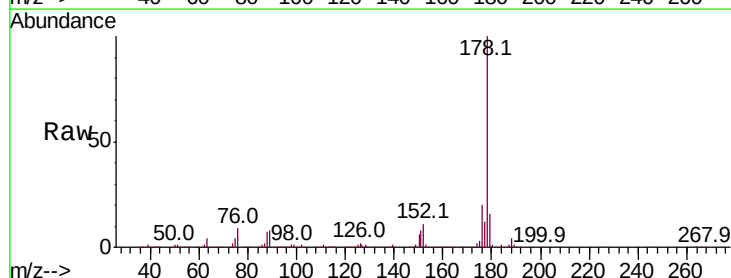
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 38.660 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.2	13.0	19.6

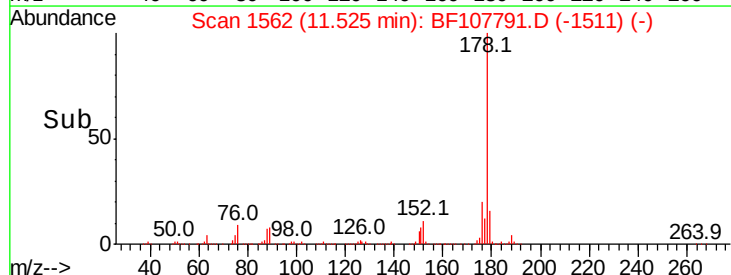
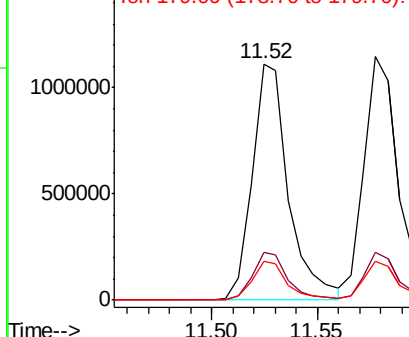


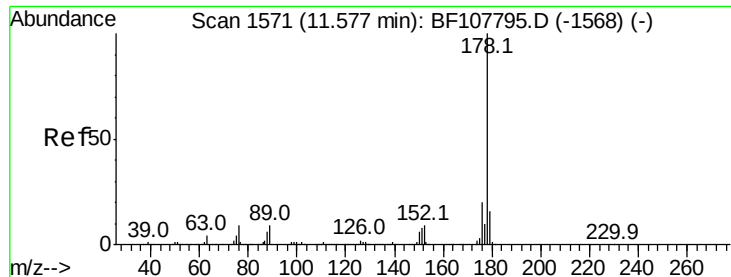
Abundance

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: 43.395 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

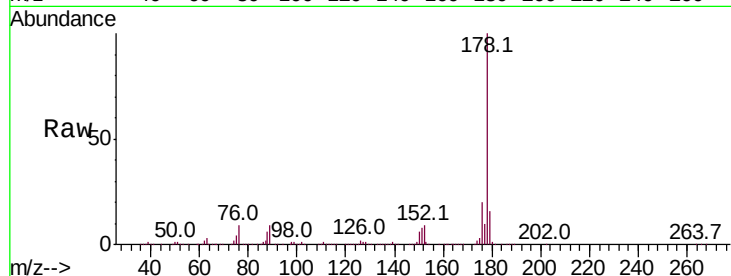
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1507397

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.2	12.6	19.0

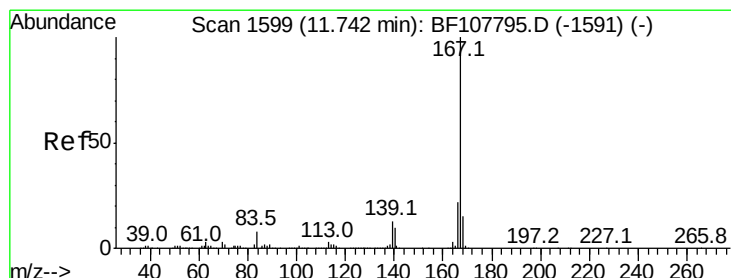
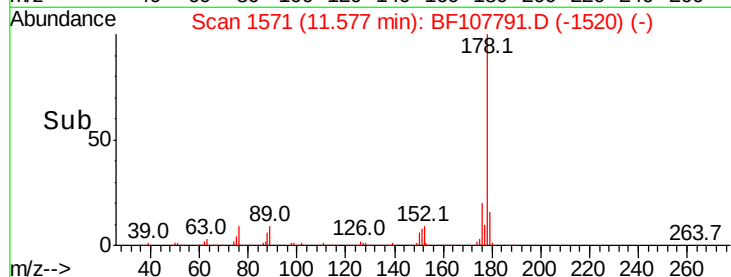
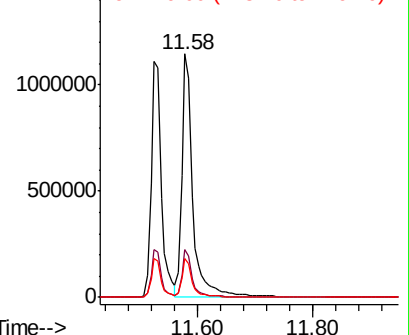


Abundance

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



#72

Carbazole

Concen: 43.069 ng

RT: 11.74 min Scan# 1599

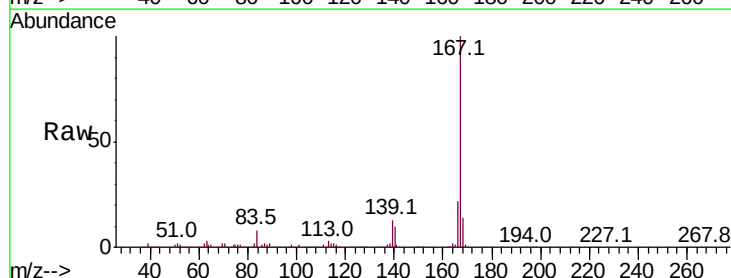
Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Tgt Ion:167 Resp: 1555758

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.7	10.9	16.3

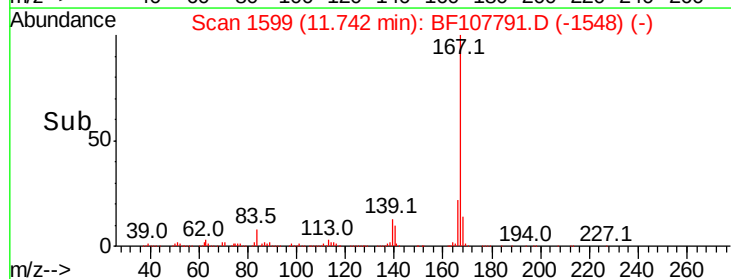
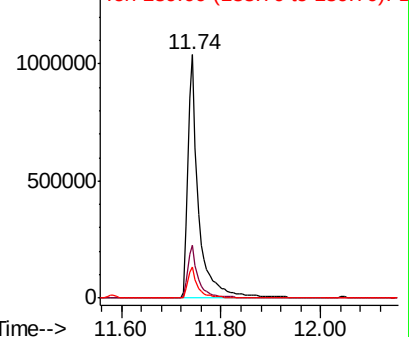


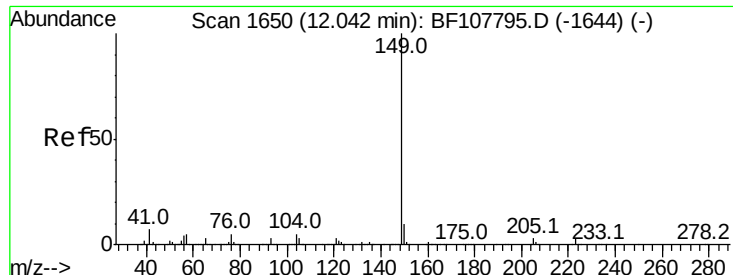
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

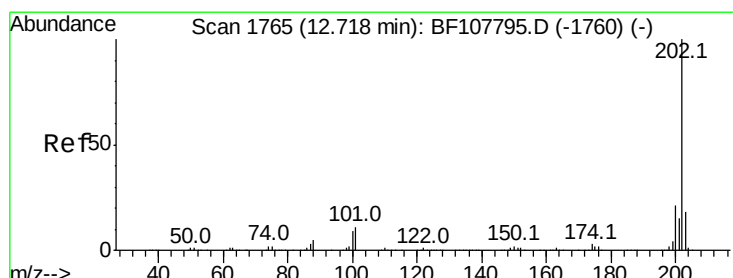
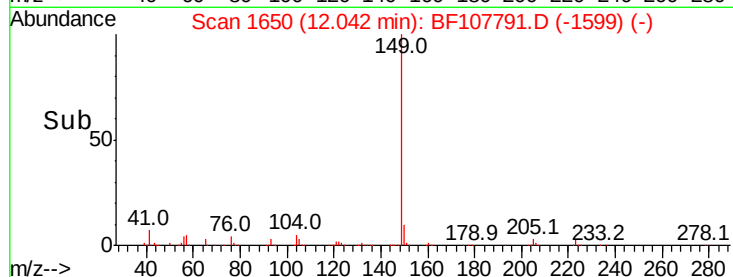
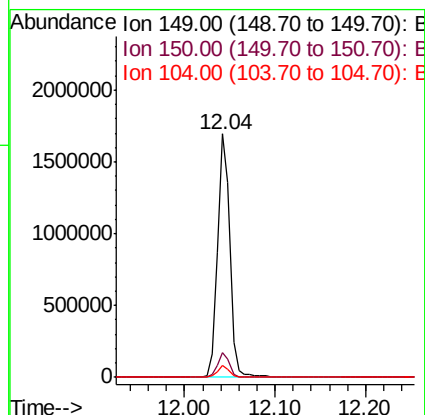
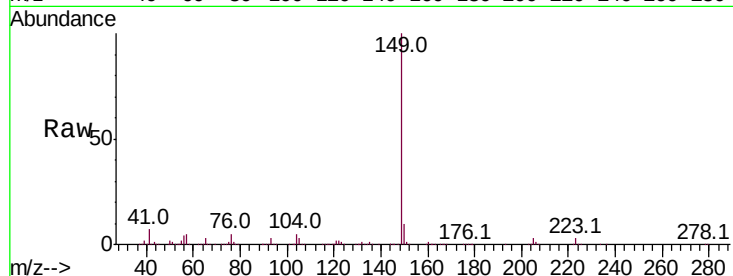




#73
Di-n-butylphthalate
Concen: 38.839 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

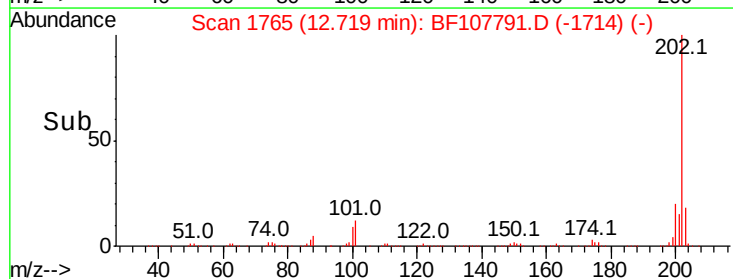
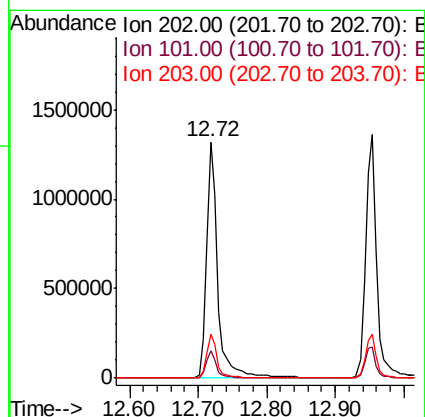
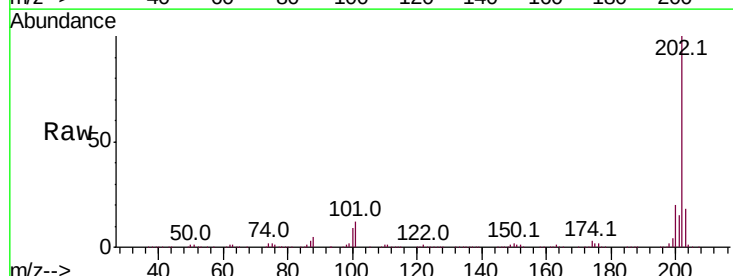
Instrument :
BNA_F
ClientSampleId :

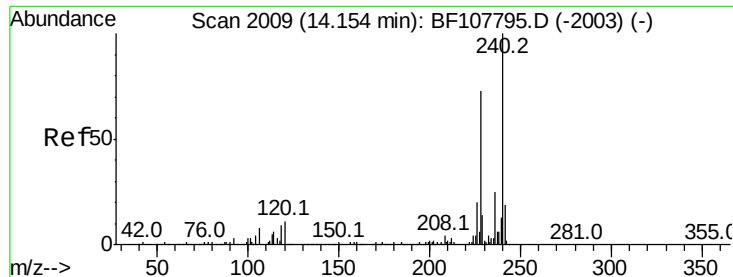
Tot Ion:149 Resp: 1588283
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 41.683 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion:202 Resp: 1543183
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.1
203 18.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

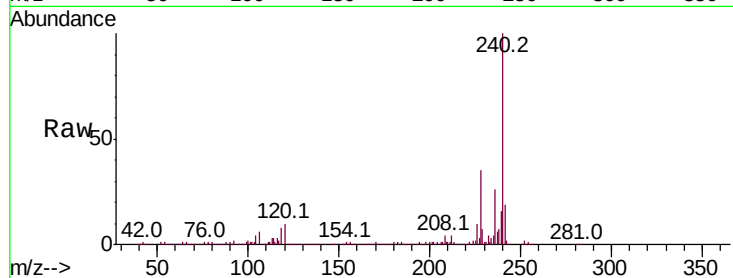
Tot Ion:240 Resp: 600629

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

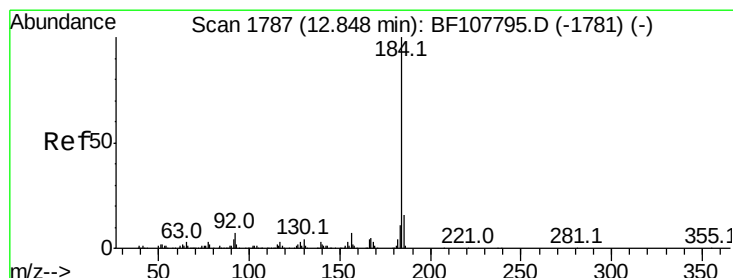
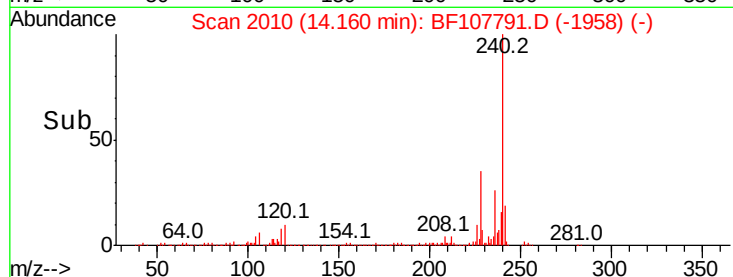
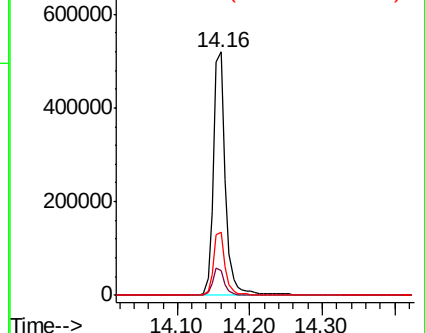
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.047 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

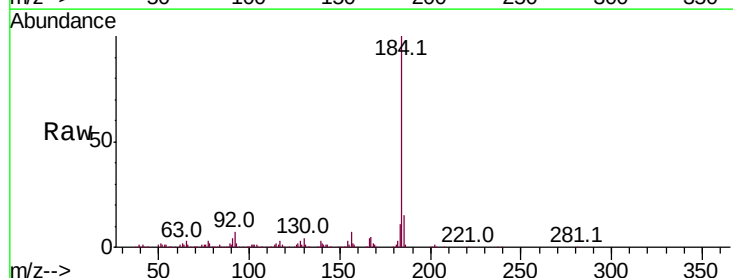
Tgt Ion:184 Resp: 813772

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

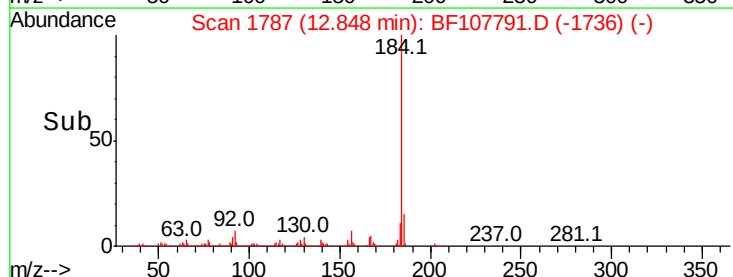
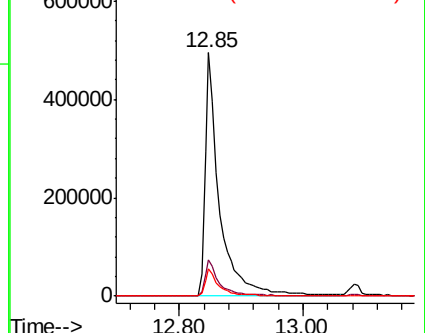
183 11.1 9.3 13.9

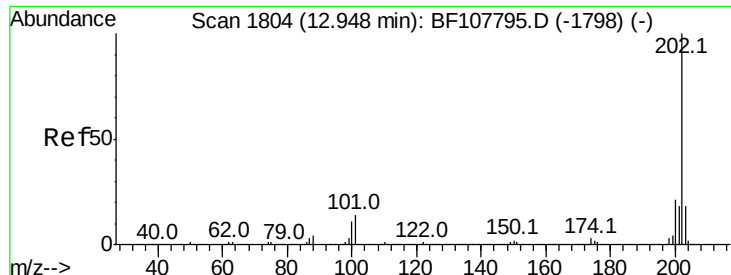


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

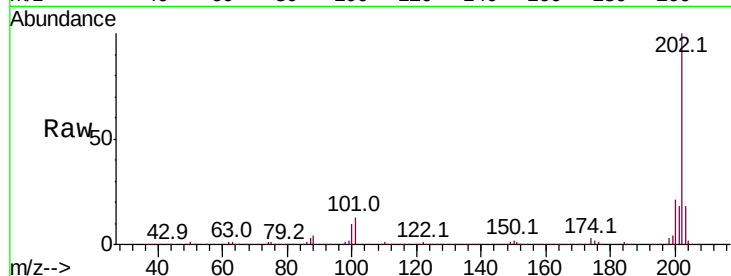




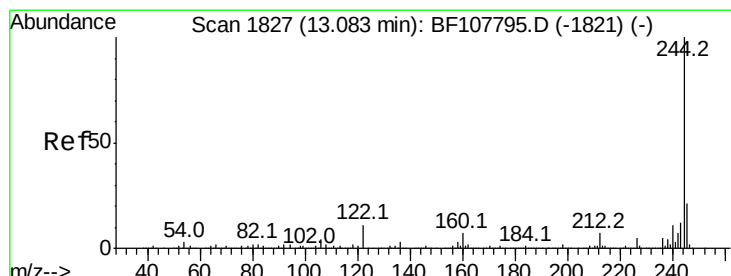
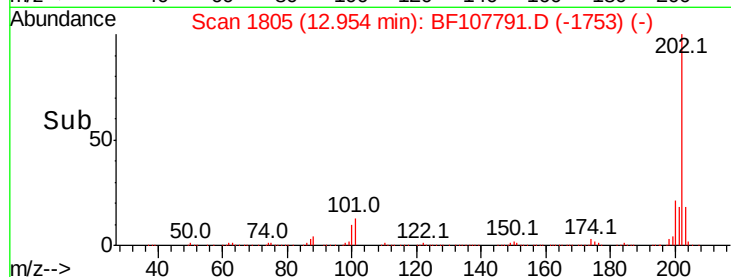
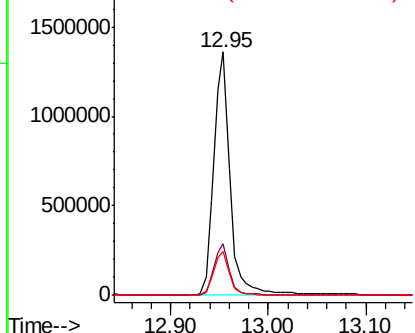
#77
Pvrene
Concen: 38.278 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1572620
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.1 14.3 21.5

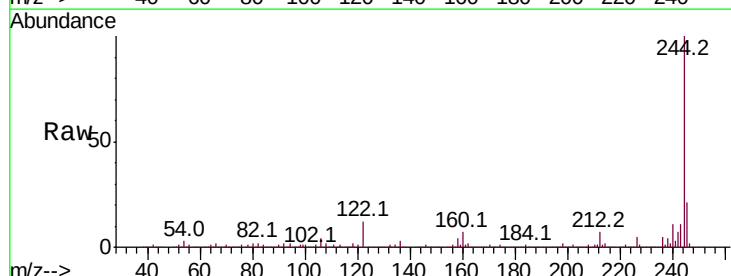


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

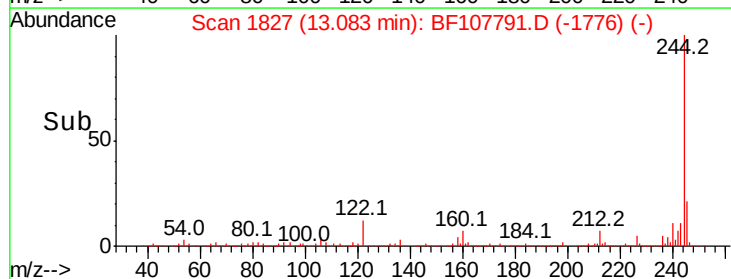
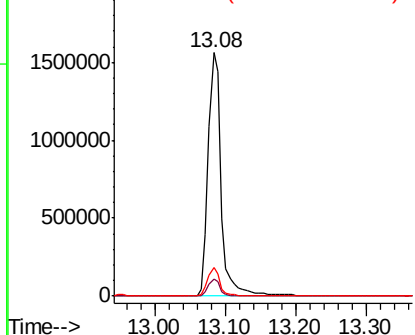


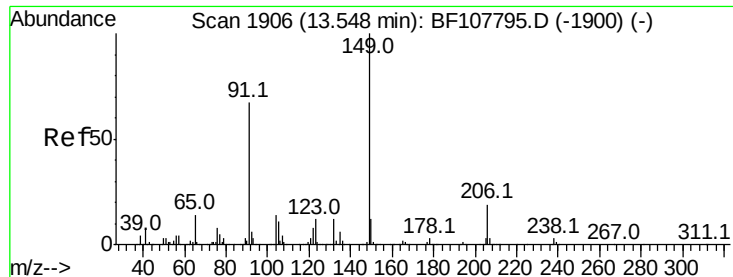
#78
Terphenyl-d14
Concen: 86.071 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion:244 Resp: 2019342
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.9 11.0 16.4



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

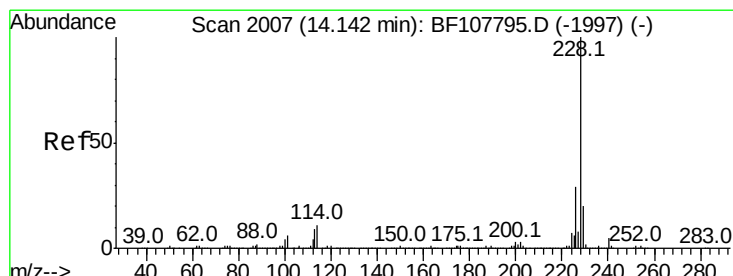
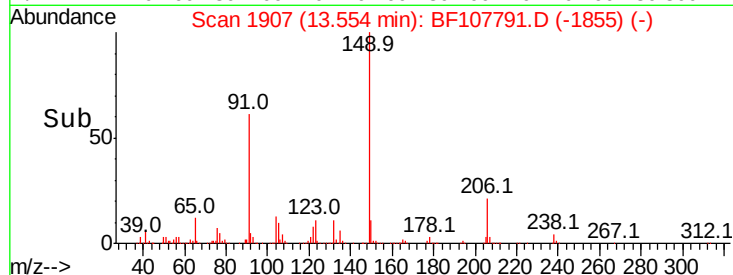
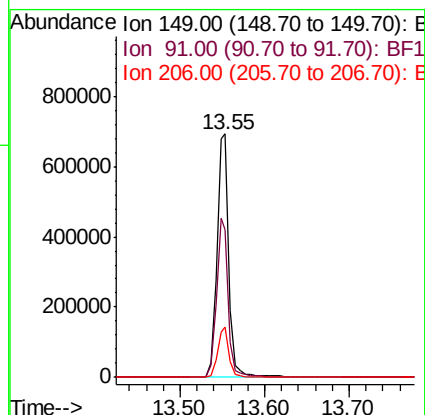
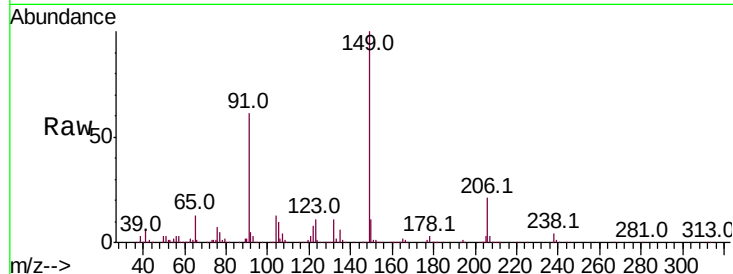




#79
Butylbenzylphthalate
Concen: 39.921 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

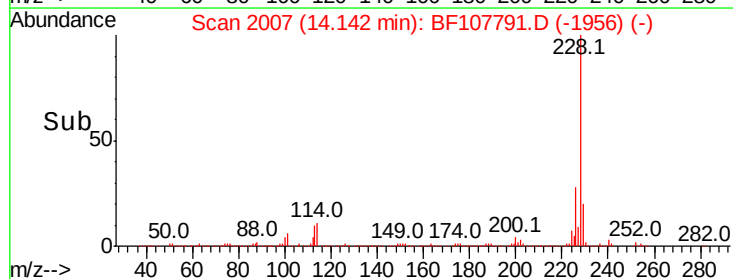
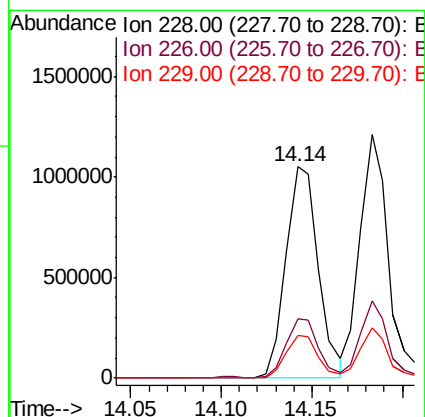
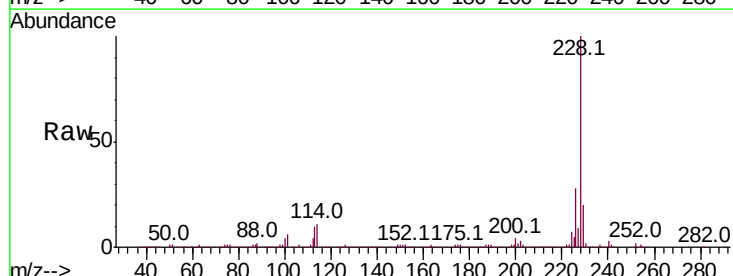
Instrument :
BNA_F
ClientSampled :

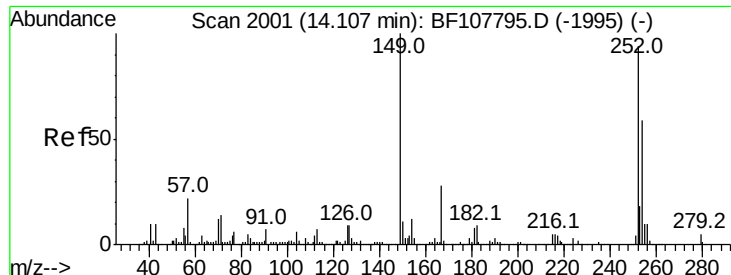
Tot Ion	Ratio	Lower	Upper
149	100		
91	60.5	56.8	85.2
206	20.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.478 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.1	15.8	23.6

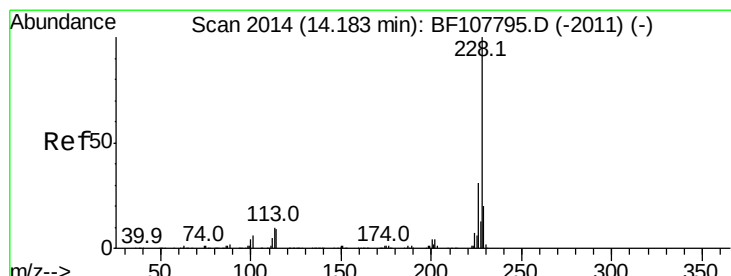
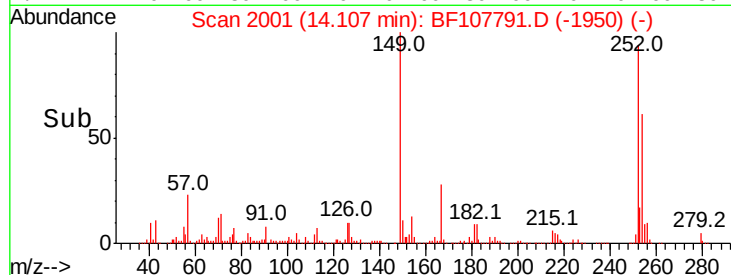
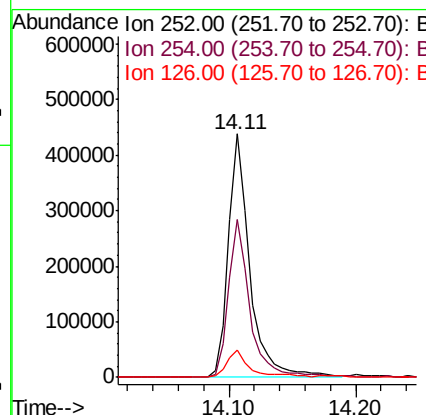
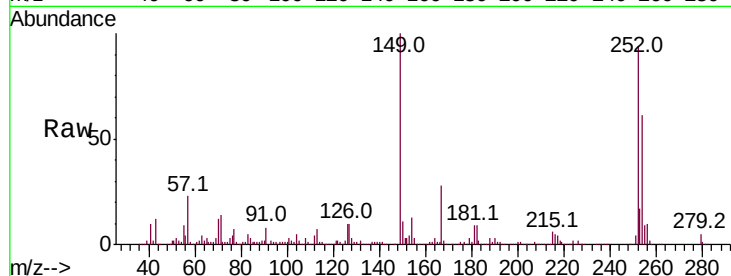




#81
 3,3'-Dichlorobenzidine
 Concen: 46.398 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

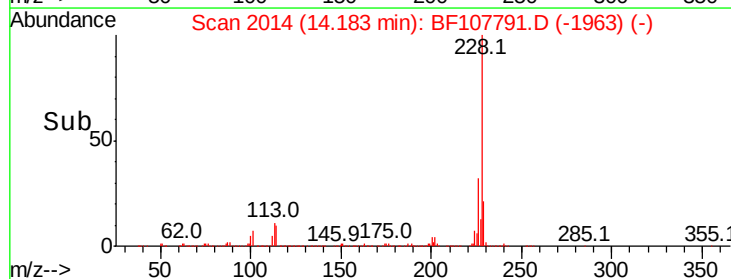
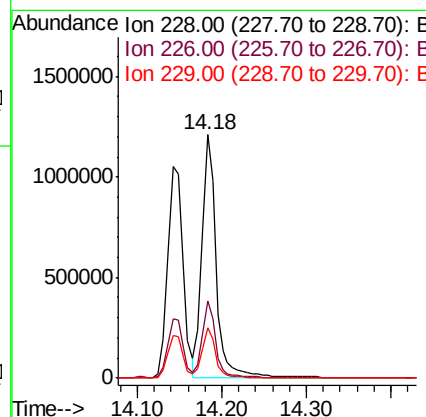
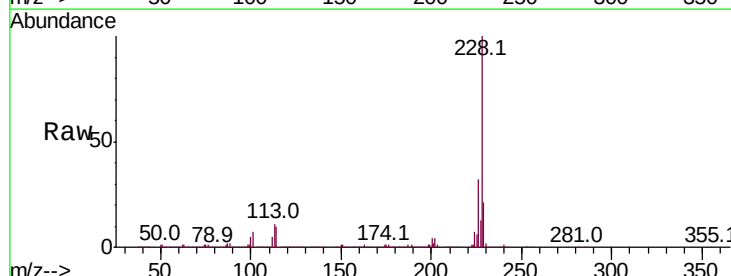
Instrument :
 BNA_F
 ClientSampled :

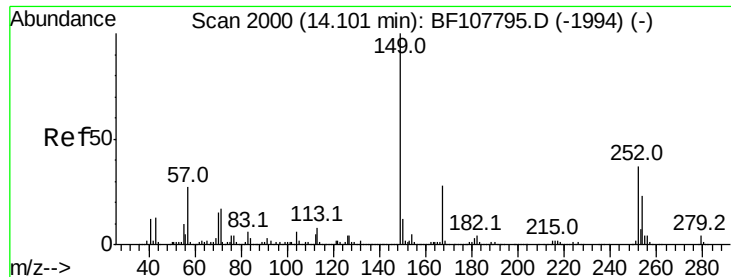
Tot Ion:252 Resp: 517117
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 11.1 11.3 16.9#



#82
 Chrysene
 Concen: 41.481 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Tgt Ion:228 Resp: 1402517
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 20.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.256 ng

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

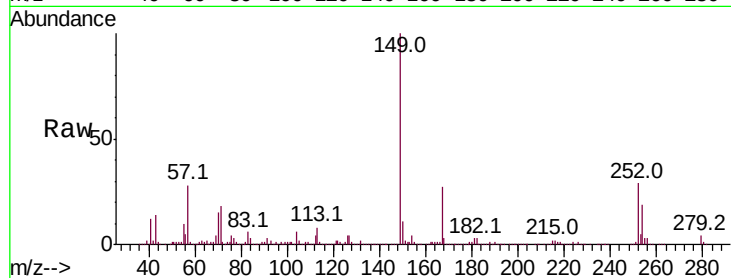
Tot Ion:149 Resp: 878928

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	4.1	3.0	4.4

149 100

167 27.0 21.3 31.9

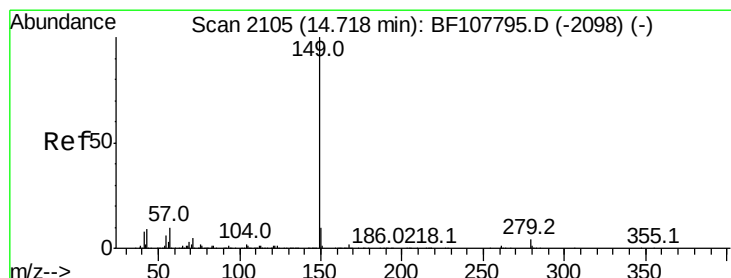
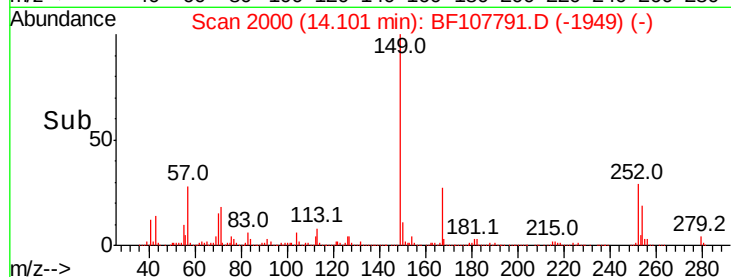
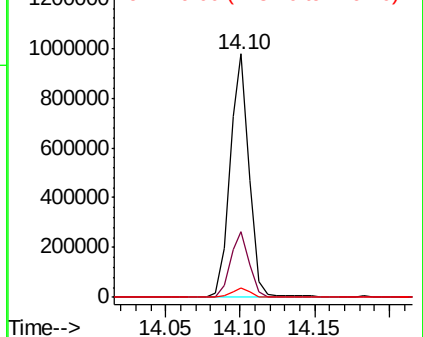
279 4.1 3.0 4.4



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: 39.034 ng

RT: 14.72 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

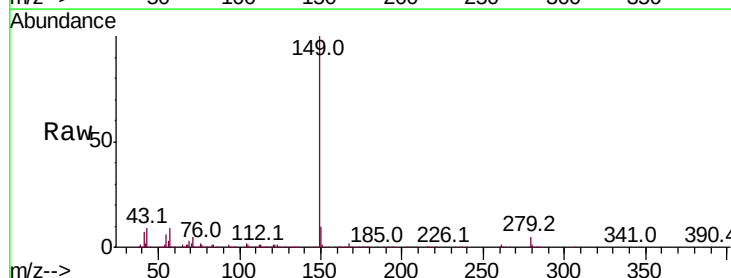
Tgt Ion:149 Resp: 1512577

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

149 100

167 1.6 1.2 1.8

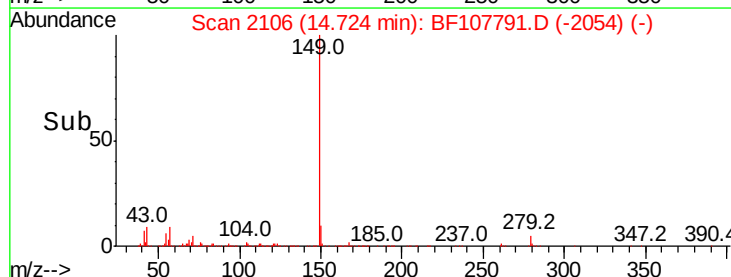
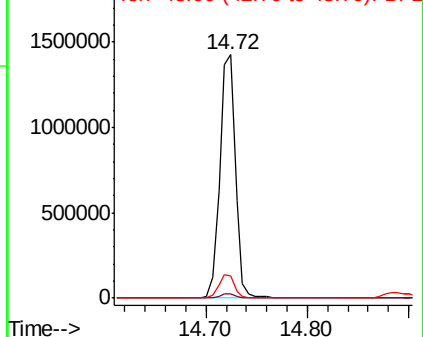
43 9.5 8.4 12.6

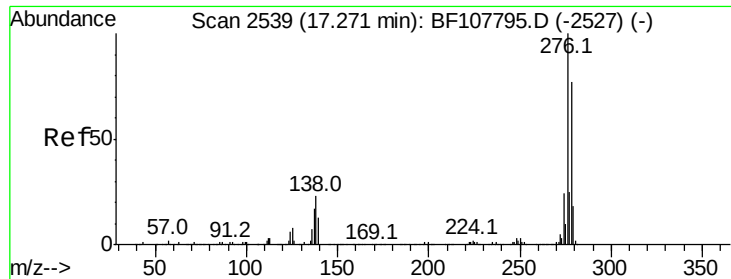


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



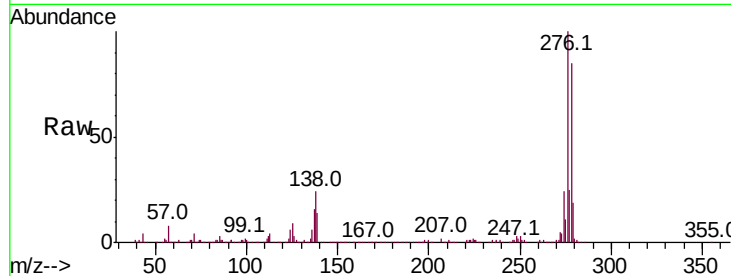


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.915 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

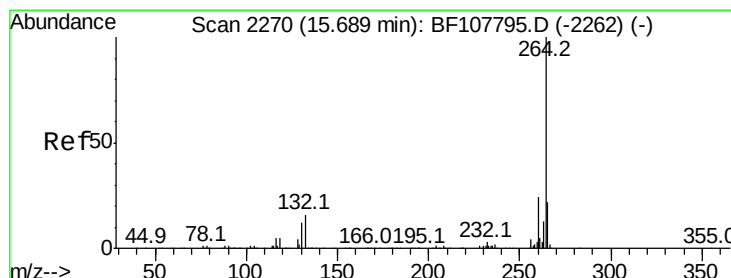
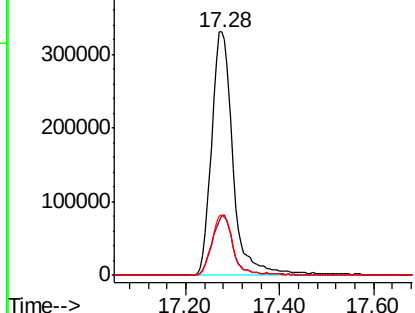
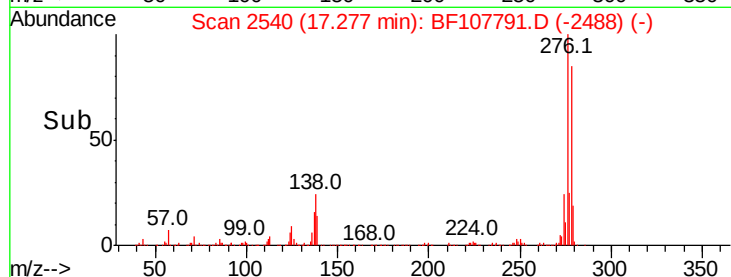
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1057842

Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	24.6	20.1	30.1



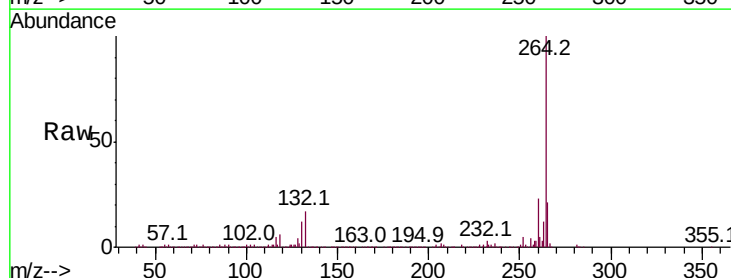
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



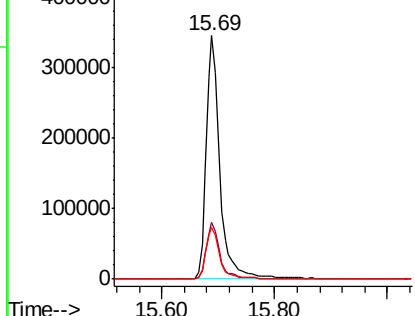
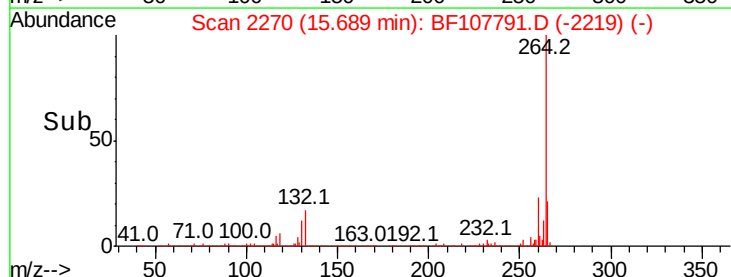
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

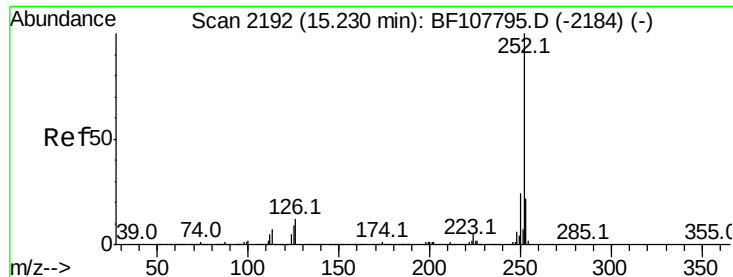
Tgt Ion:264 Resp: 584027

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	17.5	26.3



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

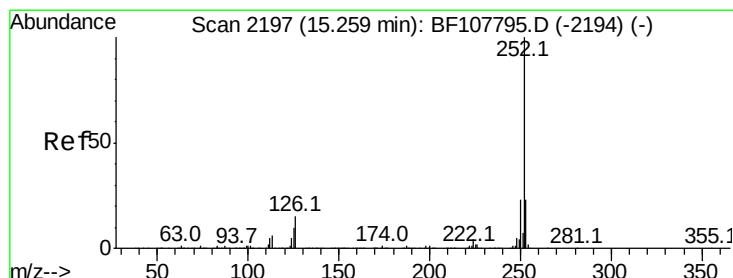
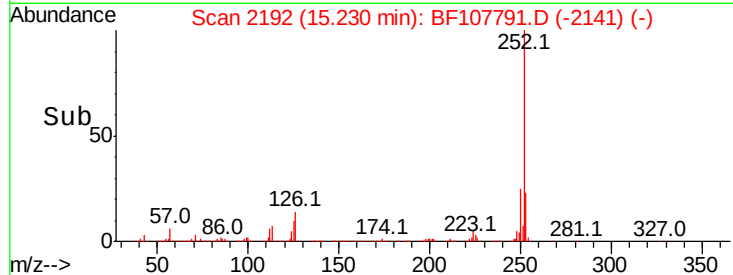
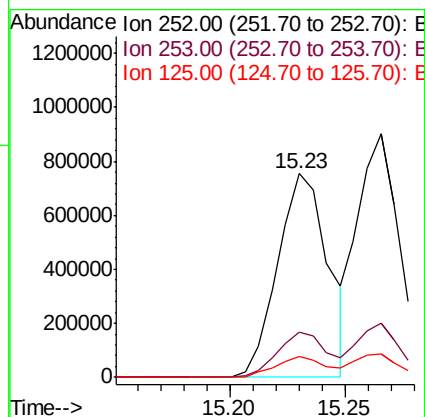
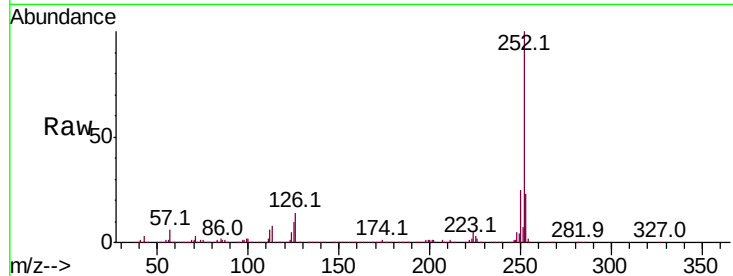




#87
Benzo(b)fluoranthene
Concen: 35.815 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

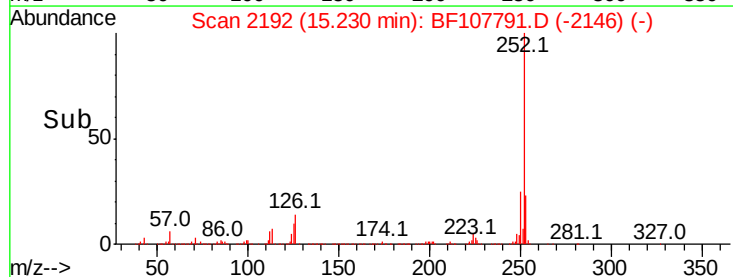
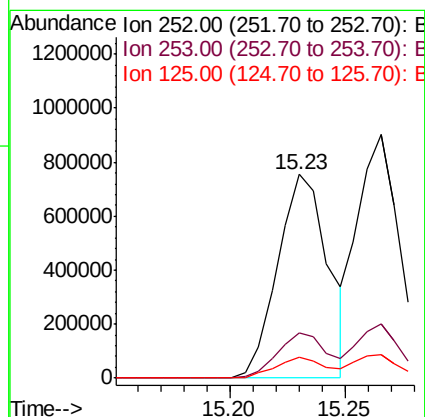
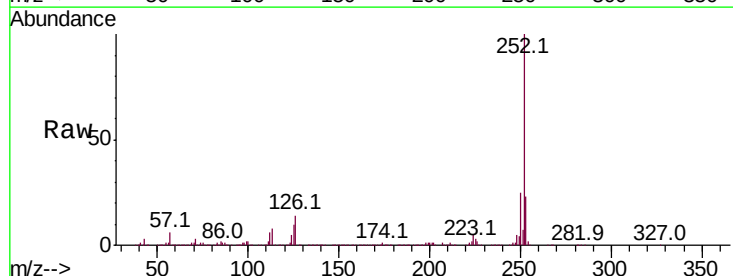
Instrument :
BNA_F
ClientSampleId :

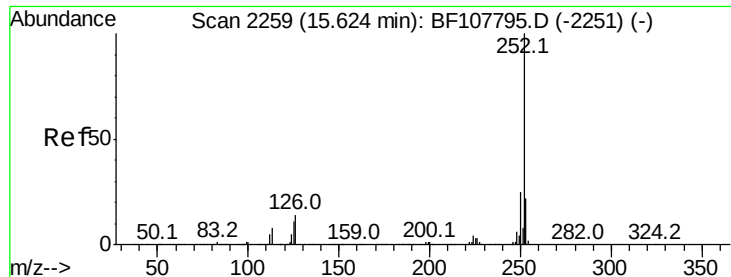
Tot Ion:252 Resp: 1144745
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 10.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.556 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107791.D
Acq: 30 Jul 2018 10:51

Tgt Ion:252 Resp: 1144745
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.350 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

Instrument :

BNA_F

ClientSampleId :

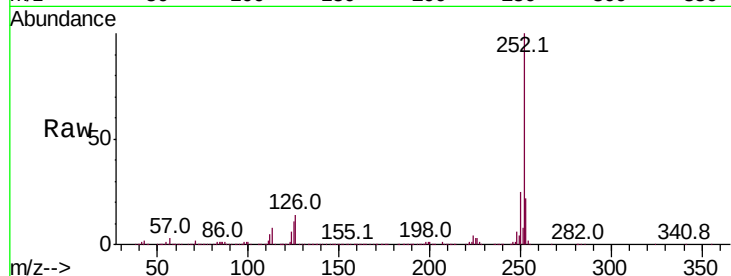
Tot Ion:252 Resp: 1121254

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

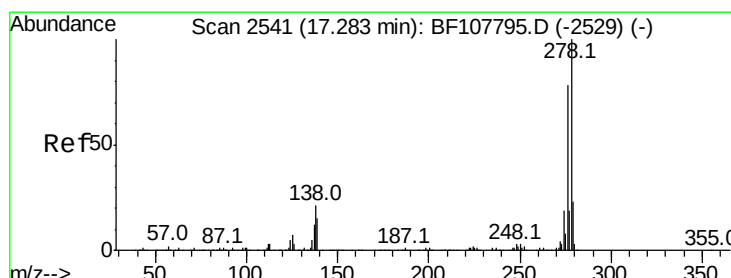
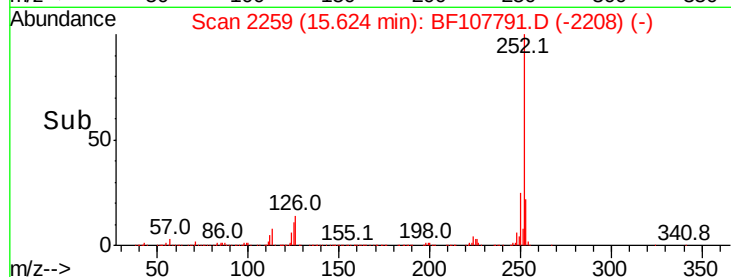
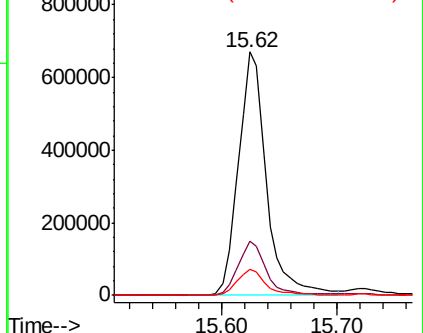
125 10.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.588 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107791.D

Acq: 30 Jul 2018 10:51

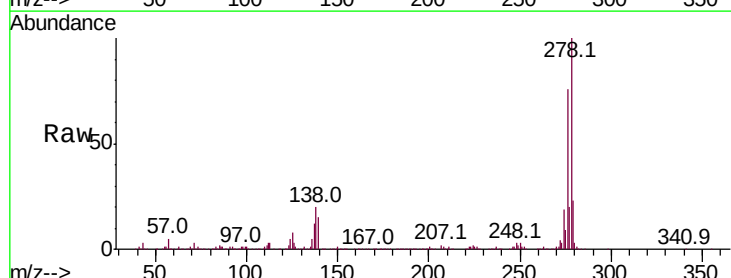
Tgt Ion:278 Resp: 899452

Ion Ratio Lower Upper

278 100

139 15.3 15.9 23.9#

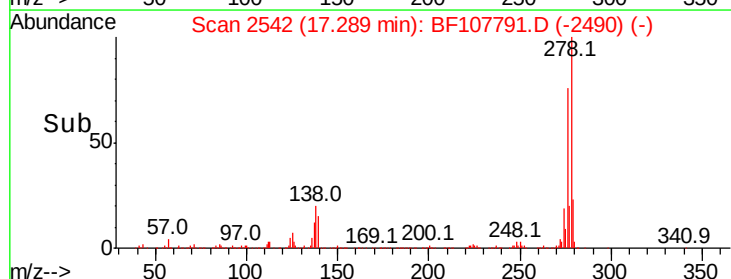
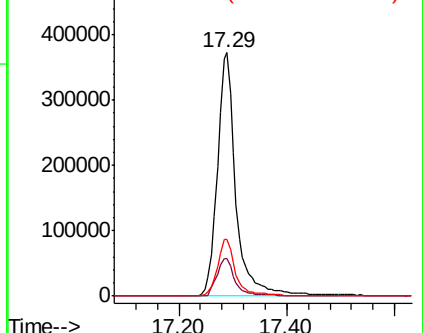
279 23.4 19.0 28.4

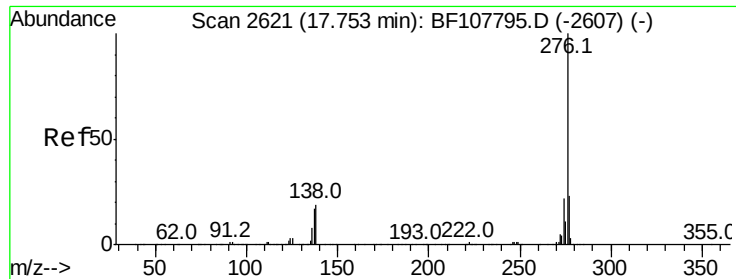


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 33.342 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BF107791.D
 Acq: 30 Jul 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	20.4	21.8	32.8

