

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107795.D
 Acq On : 30 Jul 2018 12:36
 Operator : JU/SJ
 Sample : SSTDICC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 30 13:07:45 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	163126	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	719140	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	338960	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	714796	20.00	ng	0.00
75) Chrysene-d12	14.15	240	555485	20.00	ng	0.00
86) Perylene-d12	15.69	264	473384	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	792482	78.11	ng	0.00
7) Phenol-d6	6.61	99	980982	80.52	ng	0.00
23) Nitrobenzene-d5	7.54	82	965107	90.57	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	378332	98.15	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1909459	85.65	ng	0.00
78) Terphenyl-d14	13.08	244	1965935	90.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	178352	37.767	ng	# 85
3) Pyridine	3.61	79	357983	27.865	ng	85
4) n-Nitrosodimethylamine	3.59	42	100042	18.464	ng	91
6) Aniline	6.64	93	562988	35.830	ng	# 71
8) 2-Chlorophenol	6.75	128	474632	43.665	ng	95
9) Benzaldehyde	6.52	77	254824	31.984	ng	96
10) Phenol	6.62	94	522619	36.477	ng	89
11) bis(2-Chloroethyl)ether	6.70	93	524479	44.154	ng	96
12) 1,3-Dichlorobenzene	6.91	146	508110	41.229	ng	97
13) 1,4-Dichlorobenzene	6.98	146	579225	45.856	ng	100
14) 1,2-Dichlorobenzene	7.13	146	509637	44.959	ng	98
15) Benzyl Alcohol	7.11	79	330181	39.767	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	760676	37.959	ng	70
17) 2-Methylphenol	7.22	107	369419	39.986	ng	# 79
18) Hexachloroethane	7.47	117	196264	44.299	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	328901	41.791	ng	96
20) 3+4-Methylphenols	7.38	107	478550	43.622	ng	# 57
22) Acetophenone	7.38	105	667222	39.506	ng	# 89
24) Nitrobenzene	7.55	77	513301	42.057	ng	97
25) Isophorone	7.78	82	830418	36.499	ng	98
26) 2-Nitrophenol	7.87	139	275611	53.475	ng	99
27) 2,4-Dimethylphenol	7.90	122	347521	35.621	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	563102	37.034	ng	98
29) 2,4-Dichlorophenol	8.11	162	413358	41.453	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	460412	41.109	ng	97
31) Naphthalene	8.27	128	1403081	44.368	ng	100
32) Benzoic acid	8.04	122	176176	29.478	ng	97
33) 4-Chloroaniline	8.32	127	578519	41.855	ng	99
34) Hexachlorobutadiene	8.37	225	276838	41.598	ng	99
35) Caprolactam	8.71	113	121474	37.453	ng	# 82
36) 4-Chloro-3-methylphenol	8.81	107	454471	41.029	ng	98
37) 2-Methylnaphthalene	8.96	142	886281	40.444	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	481030	42.548	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	176269	30.671	ng	99

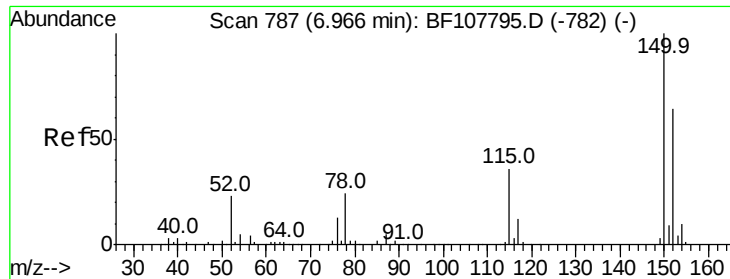
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107795.D
 Acq On : 30 Jul 2018 12:36
 Operator : JU/SJ
 Sample : SSTDICC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 30 13:07:45 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	276244	38.173	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	332410	43.950	nq	95
45) 1,1'-Biphenyl	9.42	154	1259500	42.655	nq	98
46) 2-Chloronaphthalene	9.45	162	948685	42.033	nq	98
47) 2-Nitroaniline	9.56	65	312465	47.488	nq	93
48) Acenaphthylene	9.87	152	1411355	41.627	nq	100
49) Dimethylphthalate	9.72	163	1033769	40.467	nq	99
50) 2,6-Dinitrotoluene	9.80	165	223213	44.009	nq	92
51) Acenaphthene	10.04	154	796689	37.504	nq	100
52) 3-Nitroaniline	9.98	138	284433	46.097	nq	99
53) 2,4-Dinitrophenol	10.09	184	102583	62.733	nq #	35
54) Dibenzofuran	10.21	168	1288513	41.201	nq	98
55) 4-Nitrophenol	10.16	139	105811	22.904	nq	95
56) 2,4-Dinitrotoluene	10.20	165	299266	48.881	nq #	94
57) Fluorene	10.55	166	982519	44.037	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	303311	48.186	nq #	81
59) Diethylphthalate	10.42	149	1075315	40.304	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	537923	42.648	nq	93
61) 4-Nitroaniline	10.60	138	248063	47.851	nq	95
62) Azobenzene	10.71	77	1001572	40.034	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	161422	53.950	nq	93
65) n-Nitrosodiphenylamine	10.67	169	927950	38.225	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	323145	38.404	nq #	88
67) Hexachlorobenzene	11.11	284	366965	39.636	nq #	85
68) Atrazine	11.19	200	282219	38.076	nq	97
69) Pentachlorophenol	11.31	266	194135	33.570	nq	98
70) Phenanthrene	11.52	178	1359372	39.026	nq	99
71) Anthracene	11.58	178	1531571	43.671	nq	99
72) Carbazole	11.74	167	1543321	42.318	nq	99
73) Di-n-butylphthalate	12.04	149	1667583	40.390	nq	99
74) Fluoranthene	12.72	202	1565450	41.882	nq	97
76) Benzidine	12.85	184	752887	47.064	nq	99
77) Pyrene	12.95	202	1558312	41.013	nq	98
79) Butylbenzylphthalate	13.55	149	706046	43.209	nq	95
80) Benzo(a)anthracene	14.14	228	1265645	38.880	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	485304	47.083	nq #	98
82) Chrysene	14.18	228	1326510	42.421	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	872146	37.827	nq	98
84) Di-n-octyl phthalate	14.72	149	1428900	39.872	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	962135	36.304	nq #	92
87) Benzo(b)fluoranthene	15.23	252	926114	35.747	nq	97
88) Benzo(k)fluoranthene	15.26	252	1168317	46.029	nq #	97
89) Benzo(a)pyrene	15.62	252	936869	39.533	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	802992	39.197	nq #	95
91) Benzo(g,h,i)perylene	17.75	276	781211	38.661	nq #	91

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

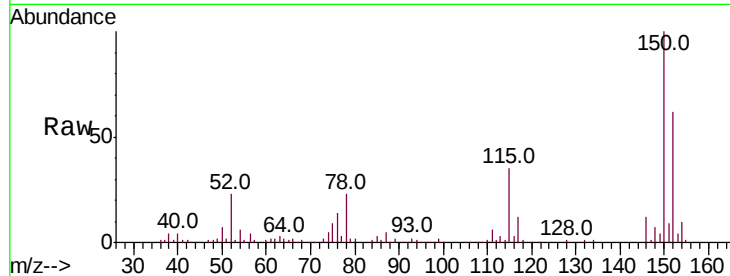


#1

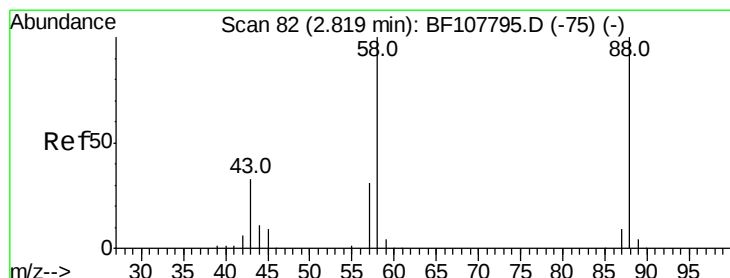
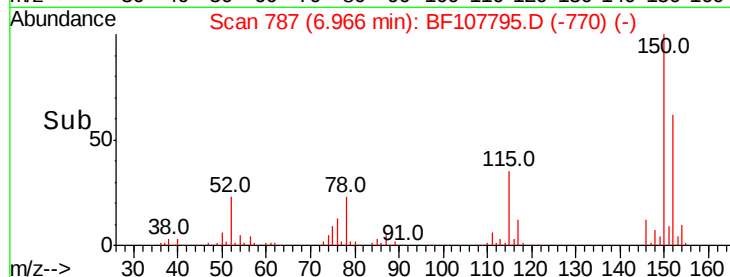
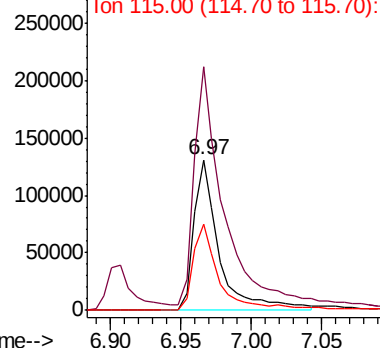
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 163126
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 57.1 50.1 75.1



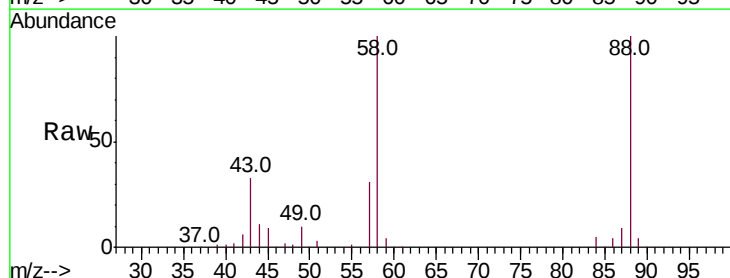
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



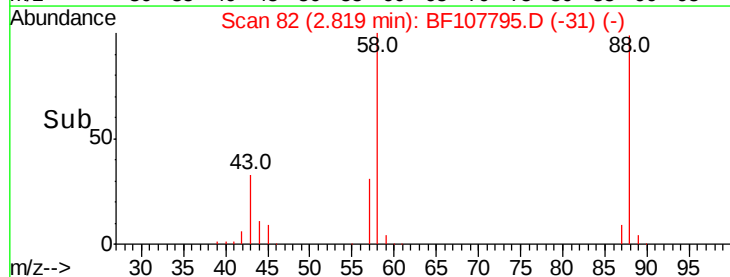
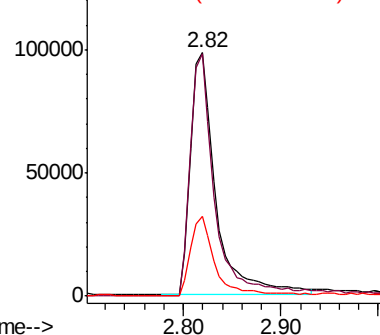
#2

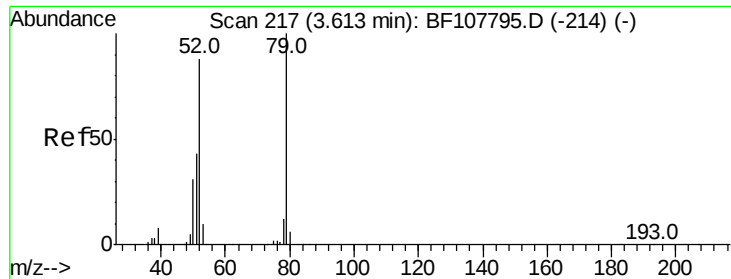
1,4-Dioxane
Concen: 37.767 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion: 88 Resp: 178352
Ion Ratio Lower Upper
88 100
58 95.9 62.6 93.8#
43 32.5 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

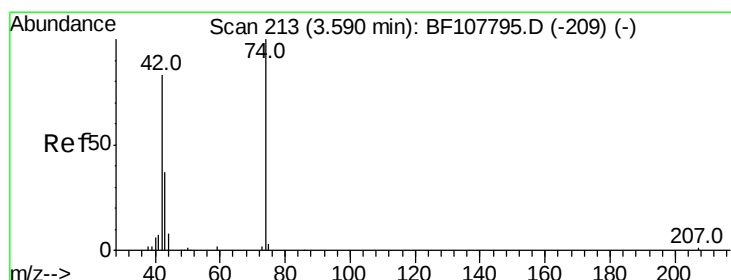
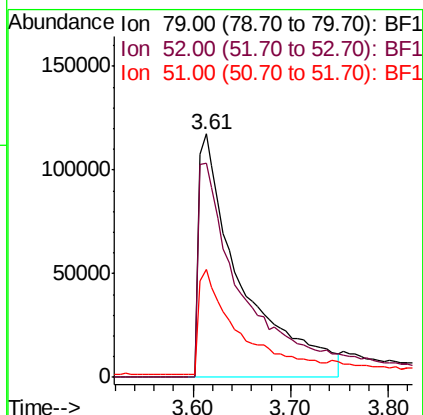
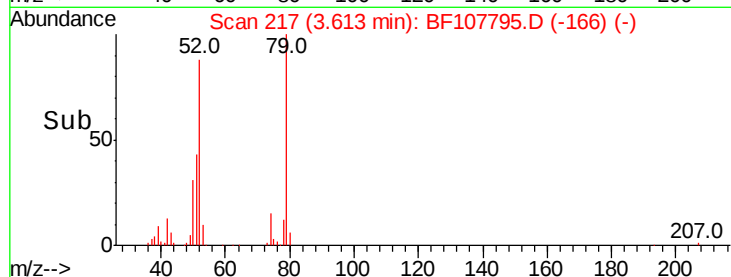
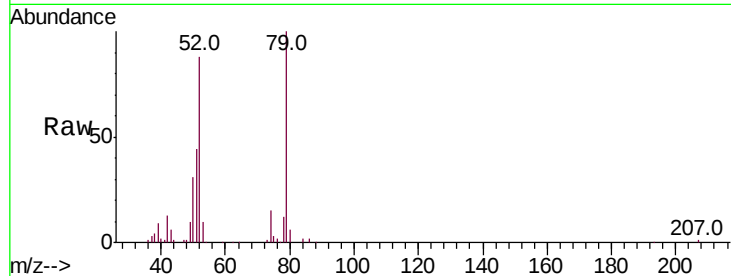




#3
 Pvridine
 Concen: 27.865 ng
 RT: 3.61 min Scan# 217
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

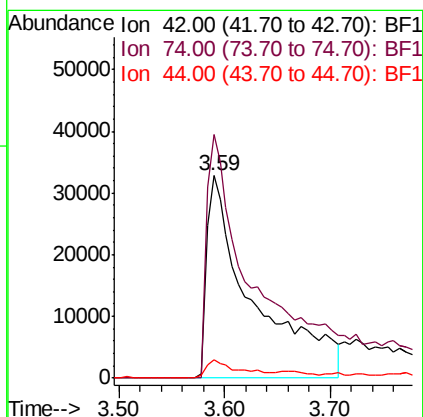
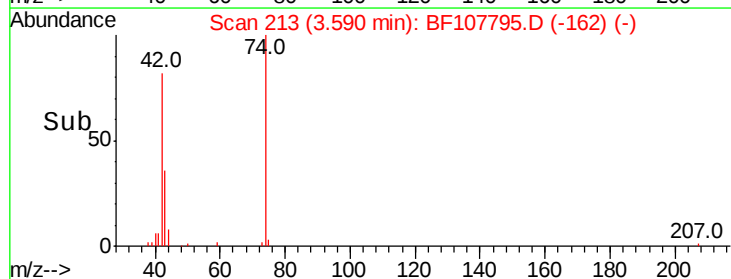
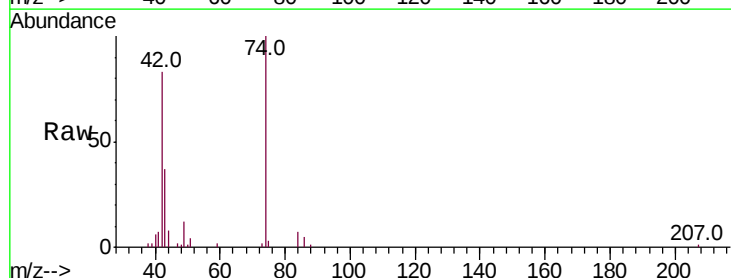
Instrument :
 BNA_F
 ClientSampleId :

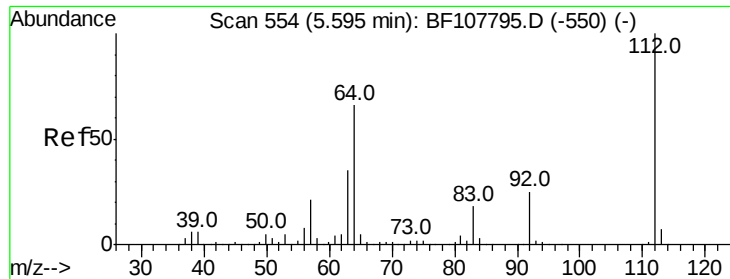
Tot Ion: 79 Resp: 357983
 Ion Ratio Lower Upper
 79 100
 52 88.2 59.8 89.6
 51 44.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 18.464 ng
 RT: 3.59 min Scan# 213
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion: 42 Resp: 100042
 Ion Ratio Lower Upper
 42 100
 74 120.3 104.9 157.3
 44 9.3 6.9 10.3





#5

2-Fluorophenol

Concen: 78.109 ng

RT: 5.60 min Scan# 554

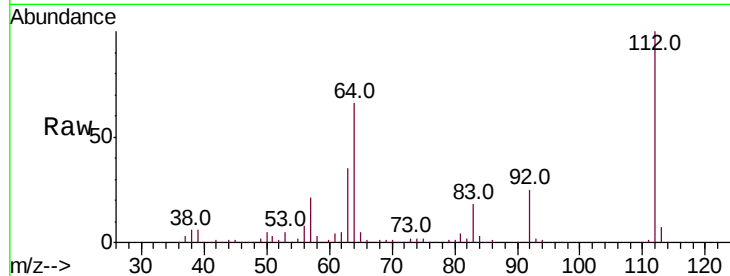
Delta R.T. 0.00 min

Lab File: BF107795.D

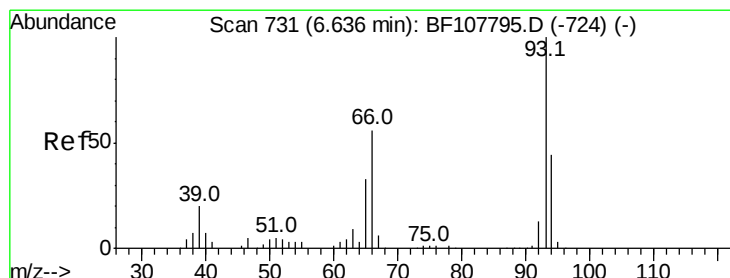
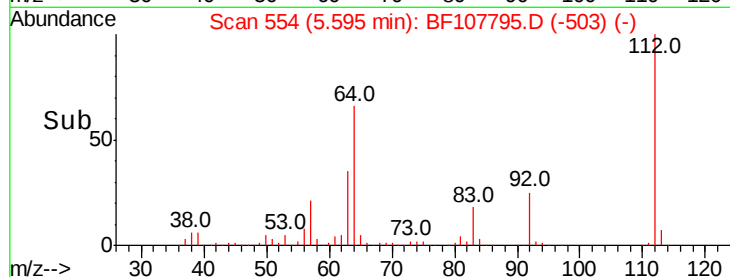
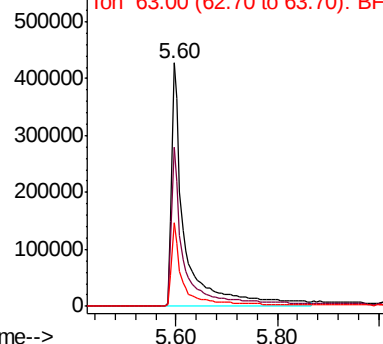
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	792482
Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	34.6	23.7	35.5



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



#6

Aniline

Concen: 35.830 ng

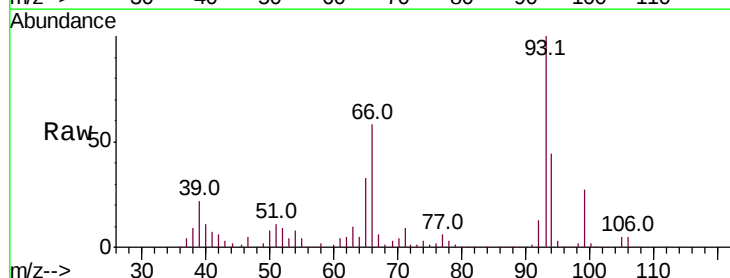
RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

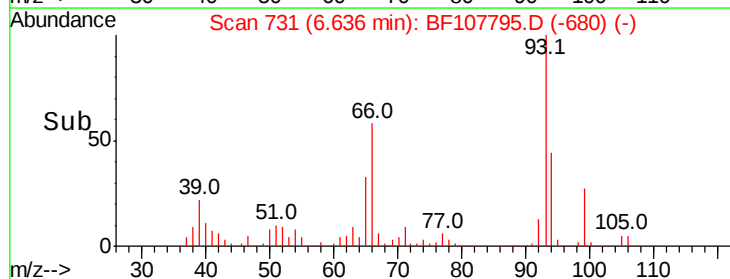
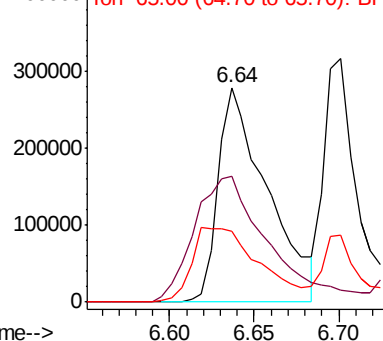
Lab File: BF107795.D

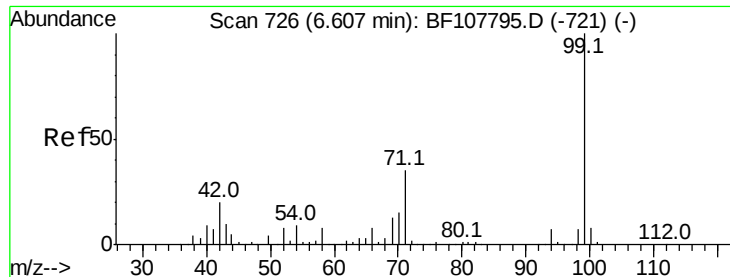
Acq: 30 Jul 2018 12:36

Tgt Ion:	93	Resp:	562988
Ion	Ratio	Lower	Upper
93	100		
66	58.4	32.2	48.2#
65	33.1	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: 80.524 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

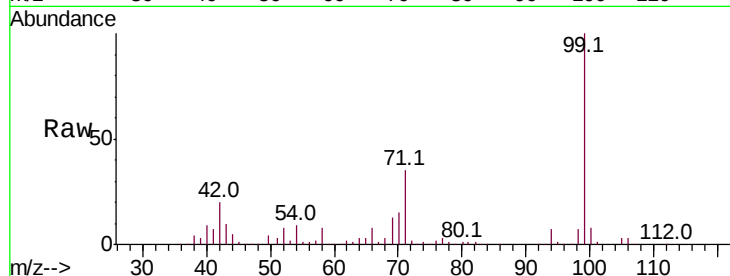
Tot Ion: 99 Resp: 980982

Ion Ratio Lower Upper

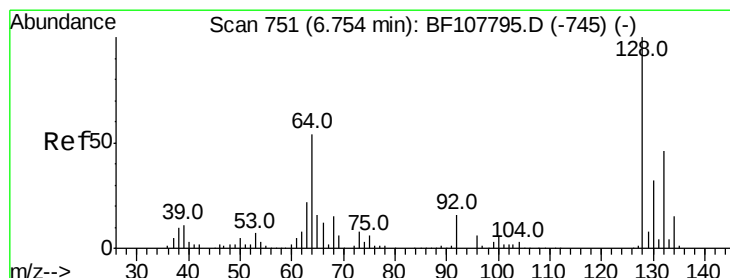
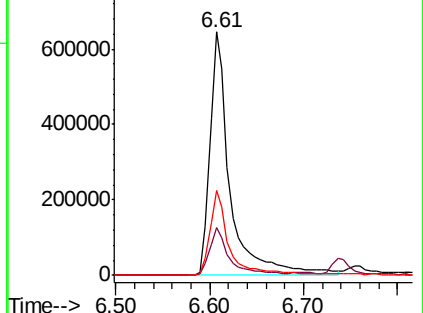
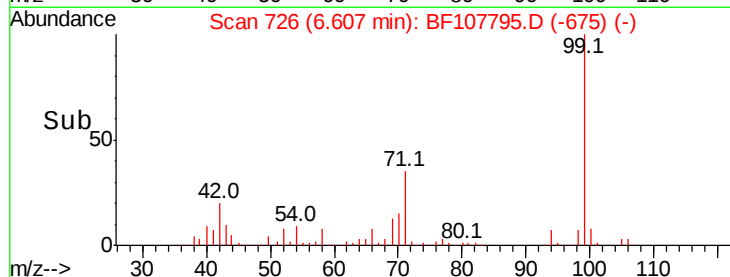
99 100

42 19.9 14.5 21.7

71 34.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 43.665 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

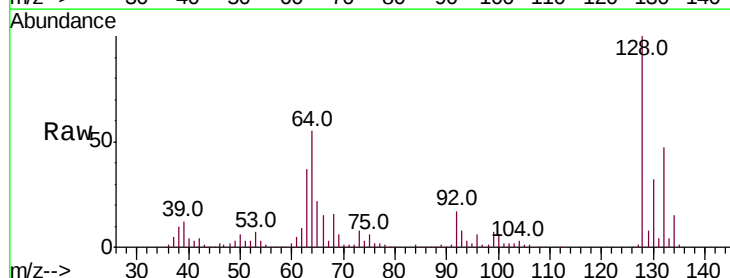
Tgt Ion: 128 Resp: 474632

Ion Ratio Lower Upper

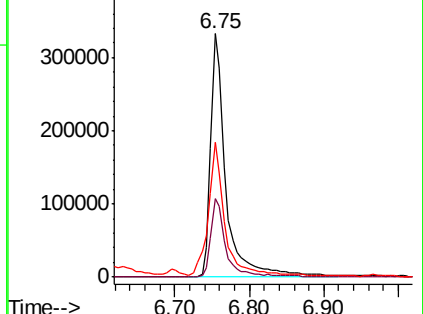
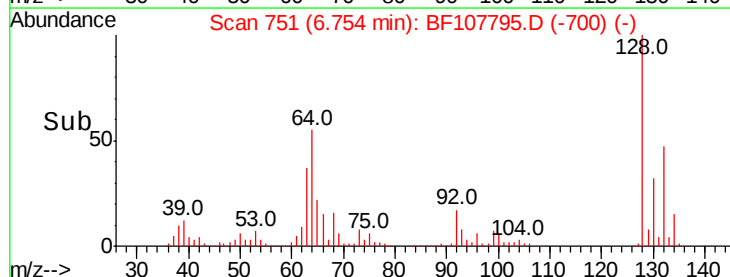
128 100

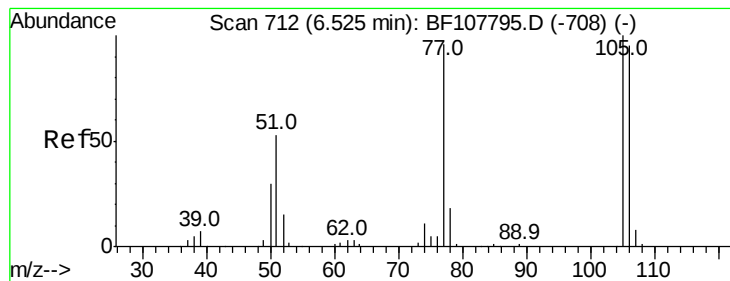
130 32.5 13.0 53.0

64 55.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 31.984 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

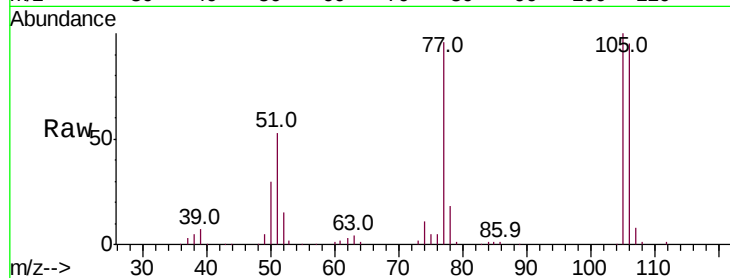
Tot Ion: 77 Resp: 254824

Ion Ratio Lower Upper

77 100

105 104.6 81.1 121.1

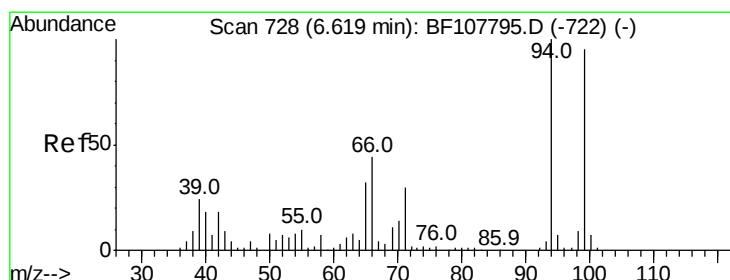
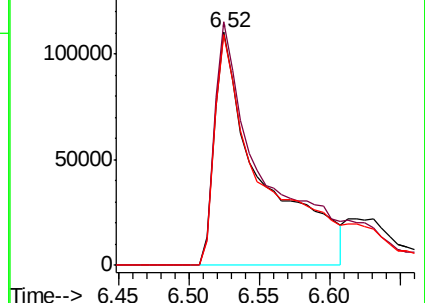
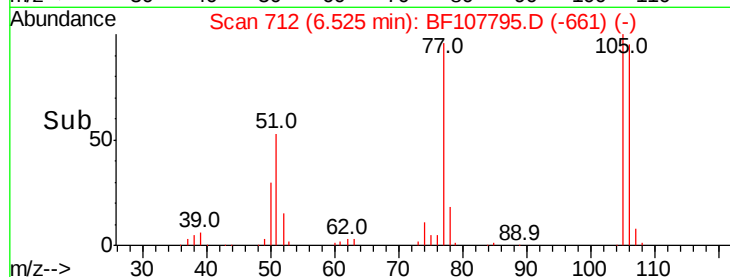
106 99.2 74.5 114.5



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: 36.477 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

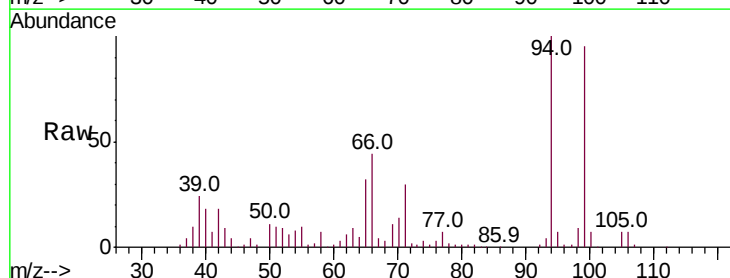
Tgt Ion: 94 Resp: 522619

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

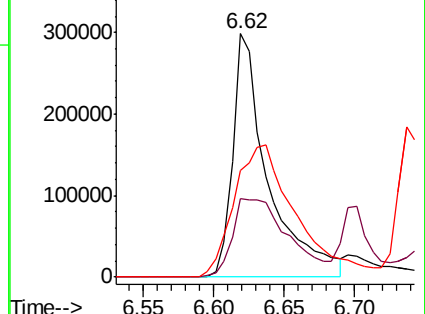
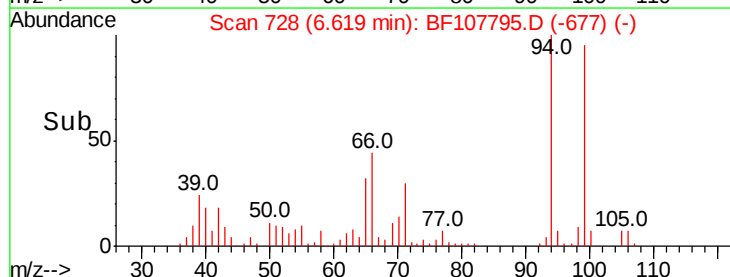
66 43.5 16.2 56.2

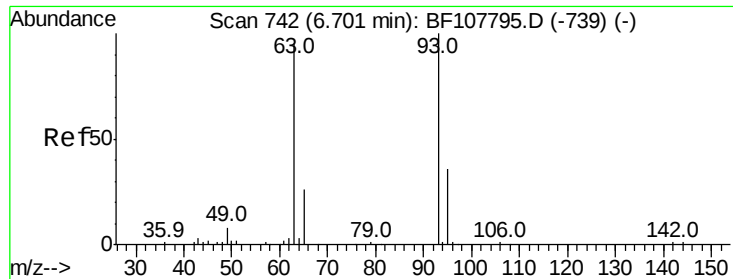


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.154 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

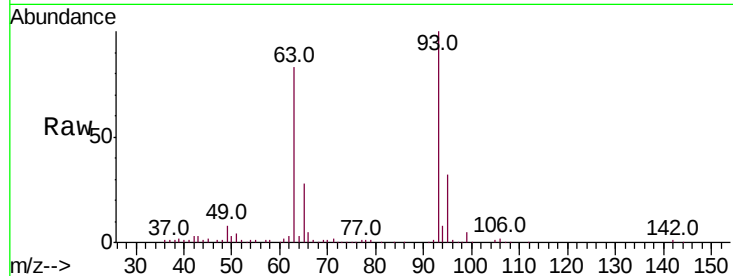
Tot Ion: 93 Resp: 524479

Ion Ratio Lower Upper

93 100

63 82.7 58.6 98.6

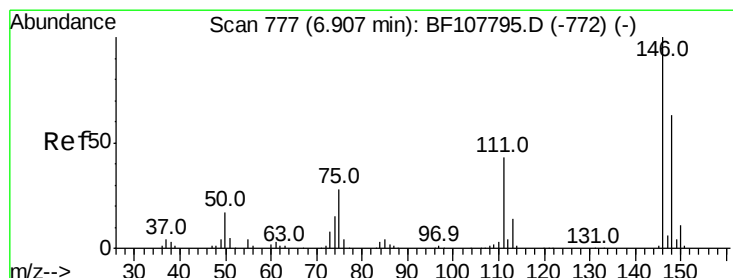
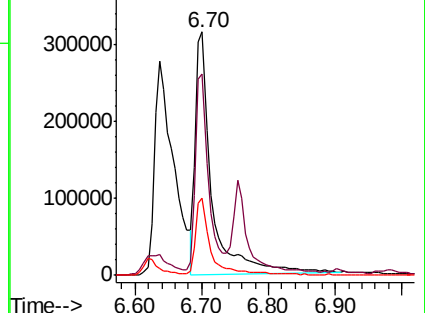
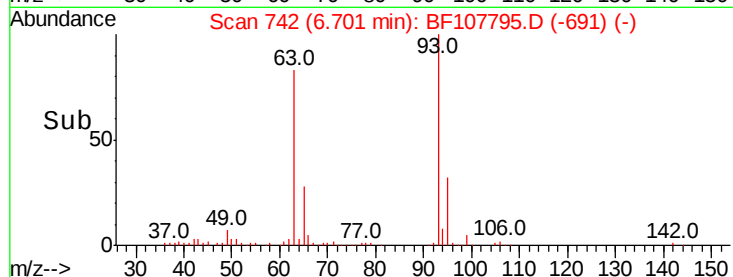
95 31.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.229 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

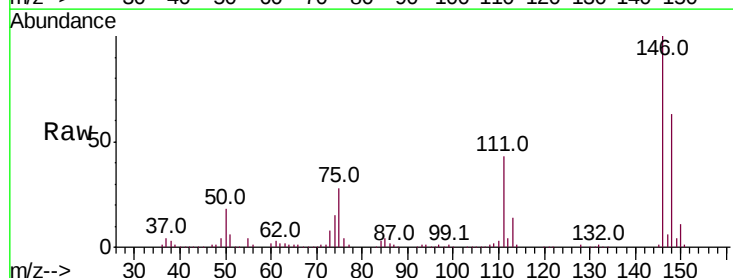
Tgt Ion: 146 Resp: 508110

Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.8

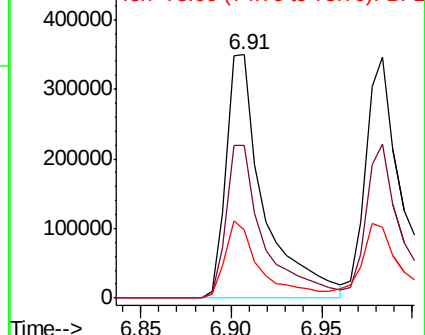
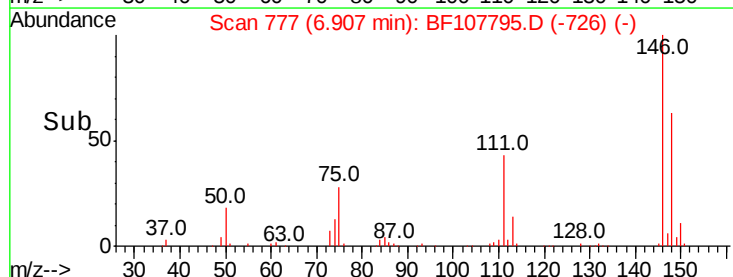
75 28.1 24.2 36.4

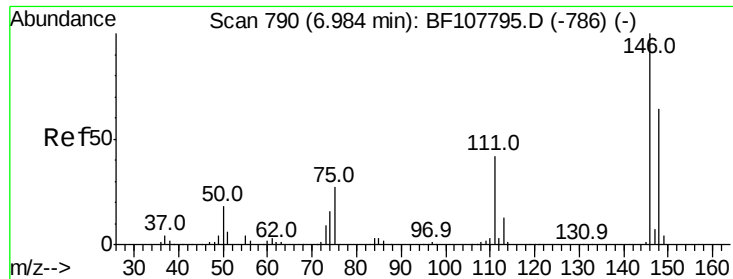


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

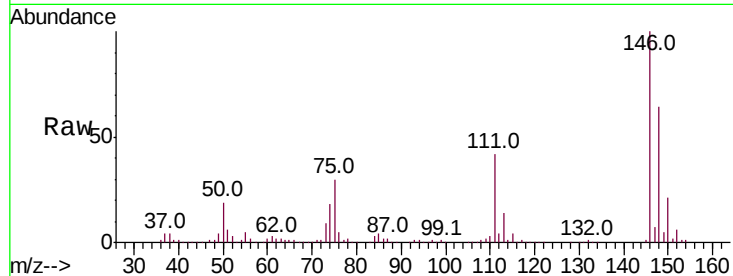




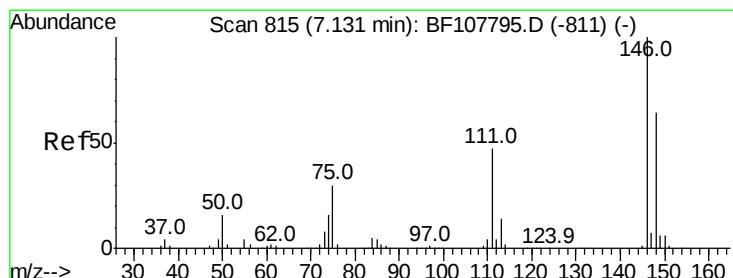
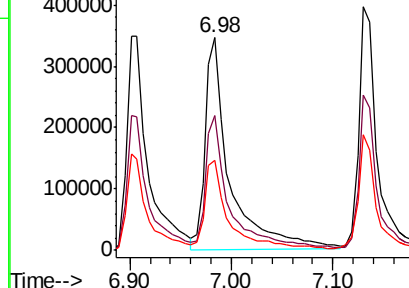
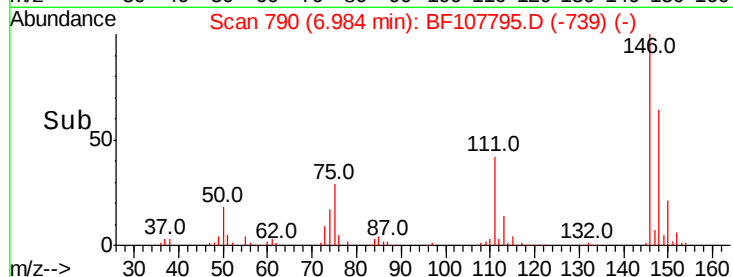
#13
 1,4-Dichlorobenzene
 Concen: 45.856 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 579225
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 42.3 34.2 51.2

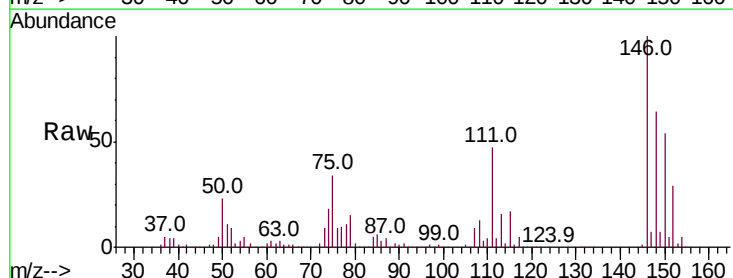


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

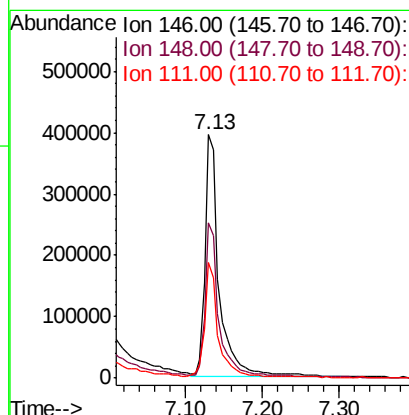
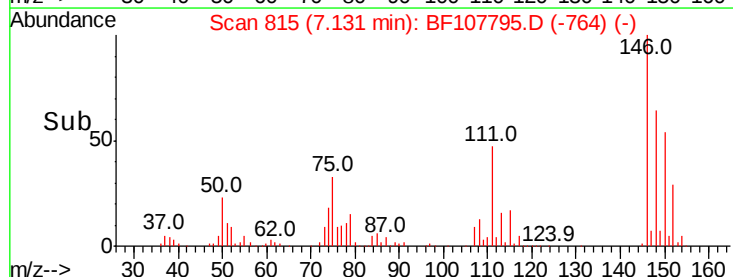


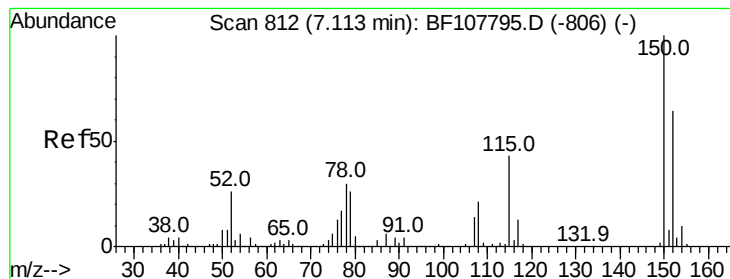
#14
 1,2-Dichlorobenzene
 Concen: 44.959 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion:146 Resp: 509637
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 47.2 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: 39.767 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

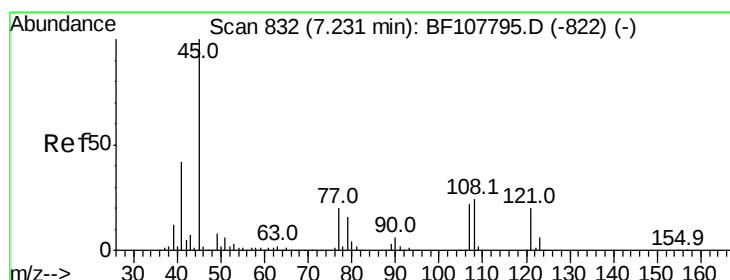
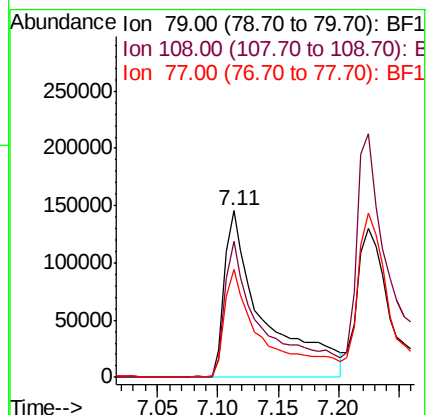
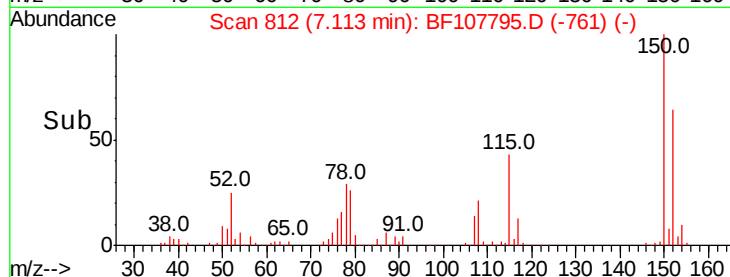
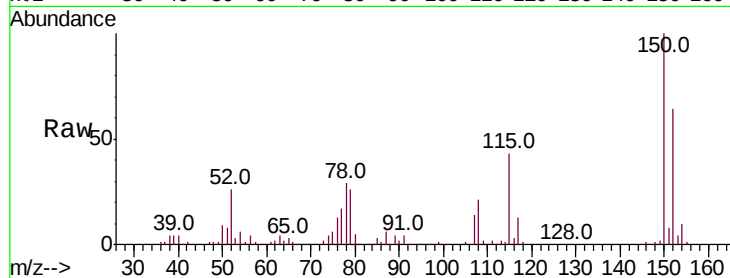
Tot Ion: 79 Resp: 330181

Ion Ratio Lower Upper

79 100

108 82.0 65.1 97.7

77 65.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.959 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

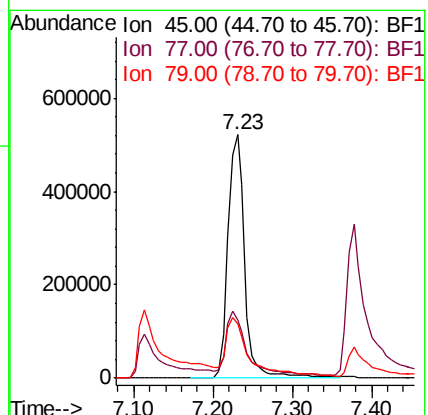
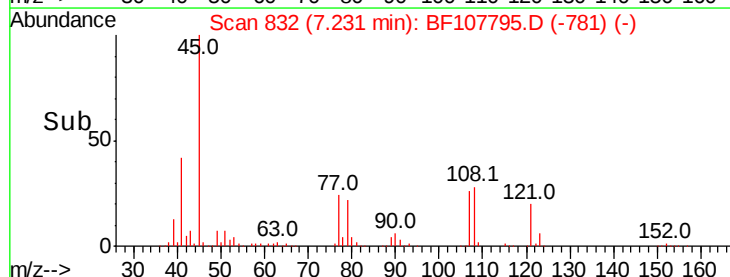
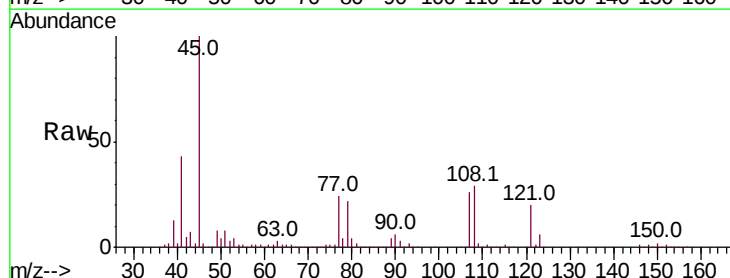
Tgt Ion: 45 Resp: 760676

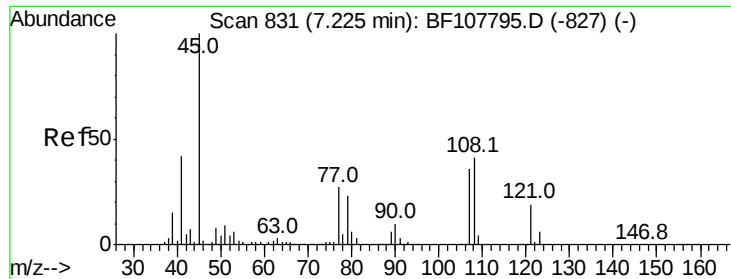
Ion Ratio Lower Upper

45 100

77 23.9 0.0 32.9

79 22.0 0.0 29.6

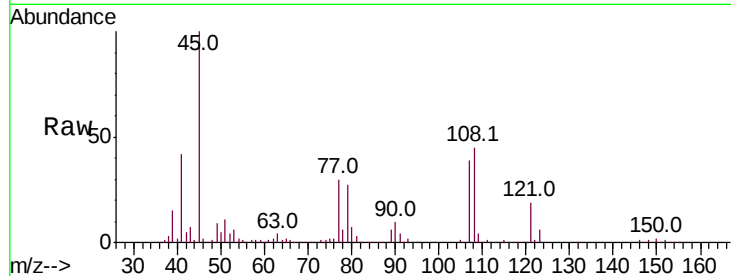




#17
2-Methylphenol
Concen: 39.986 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	76.7	33.8	50.8#
79	69.8	33.8	50.8#



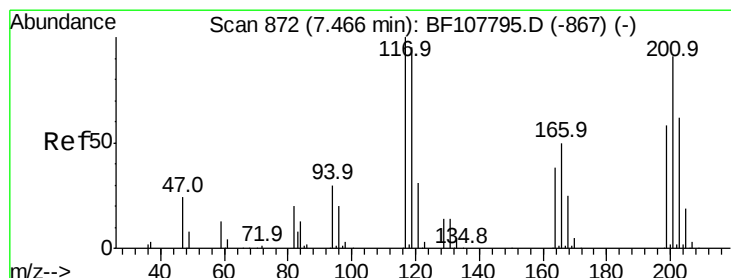
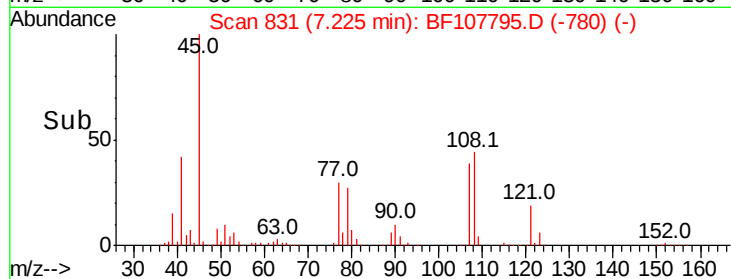
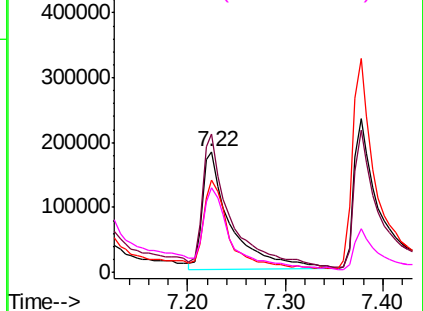
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

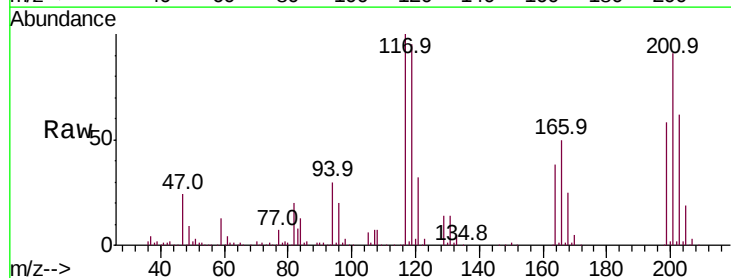
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.299 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	91.4	75.7	113.5

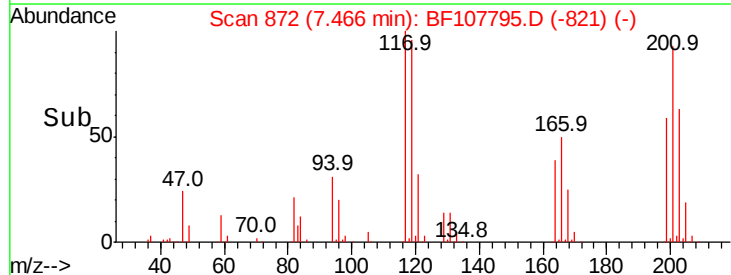
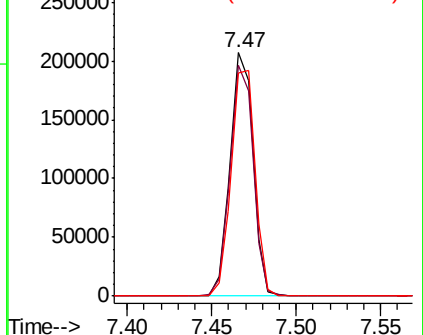


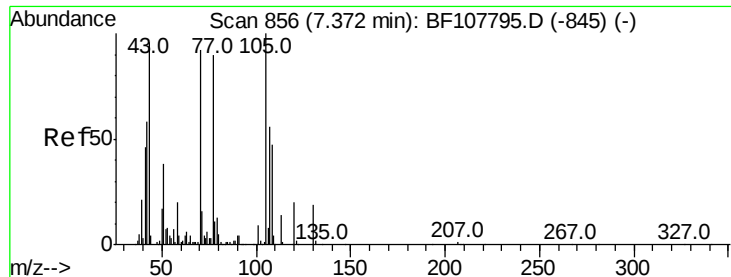
Abundance

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

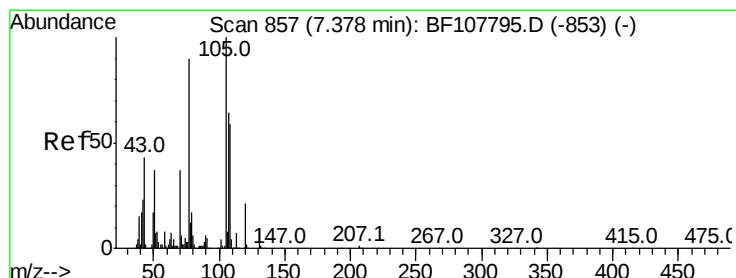
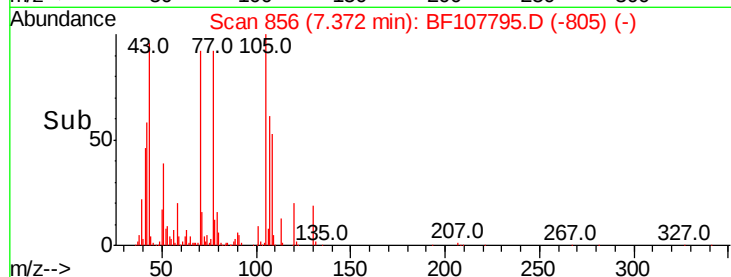
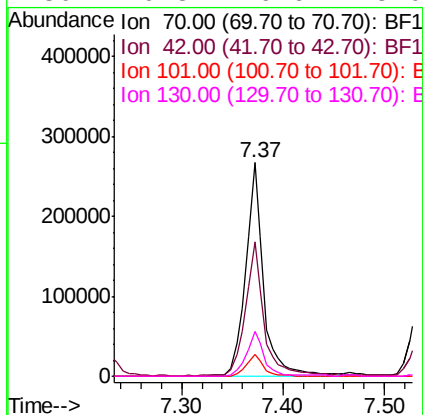
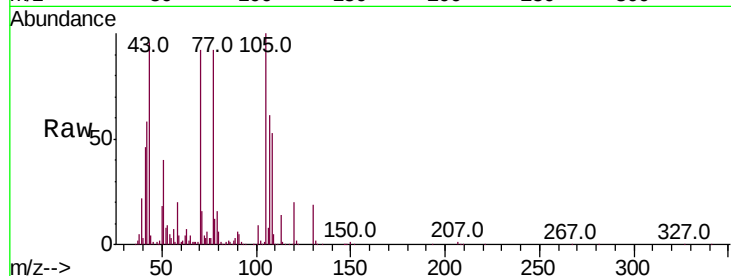




#19
n-Nitroso-di-n-propylamine
Concen: 41.791 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

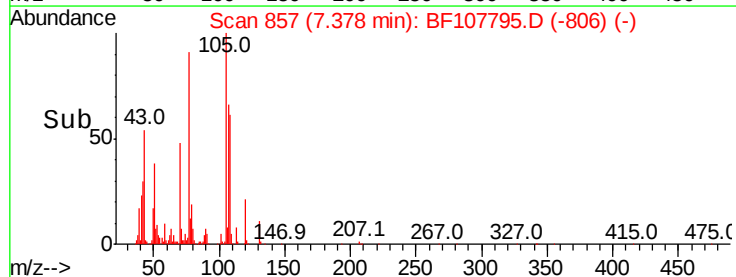
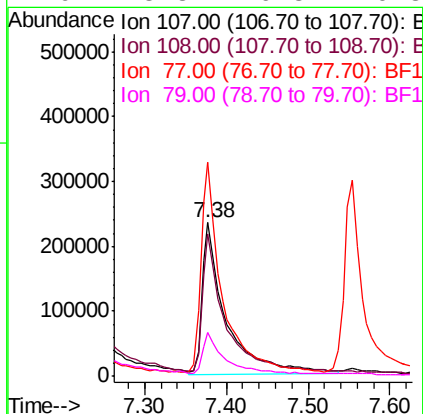
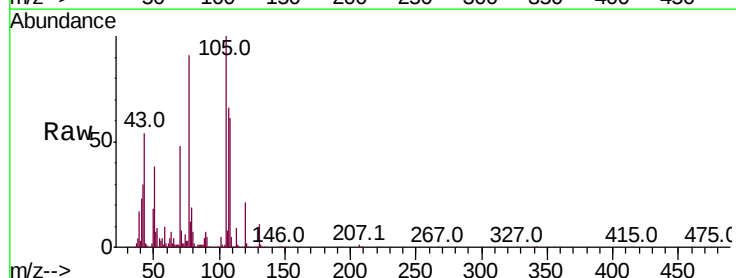
Instrument :
BNA_F
ClientSampleId :

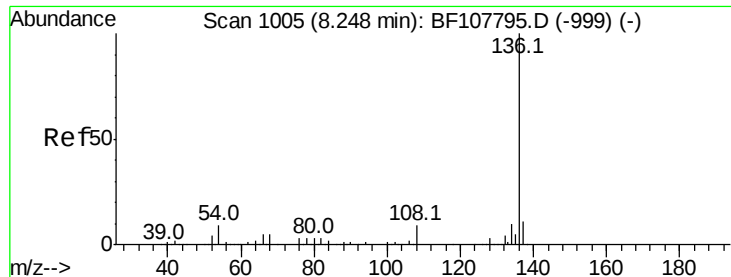
Tot Ion:	70	Resp:	328901
Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.5	71.3
101	10.2	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.622 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:	107	Resp:	478550
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	139.2	26.7	66.7#
79	28.3	6.3	46.3

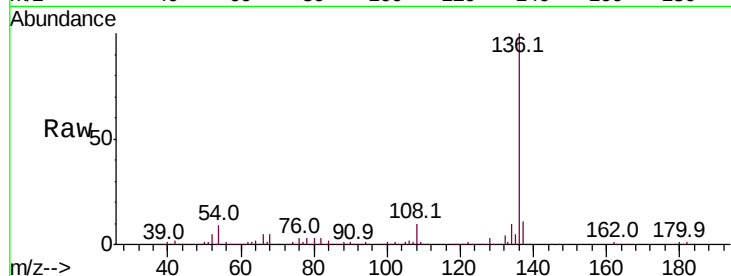




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	719140
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 9.4	6.6	9.8
68 4.8	5.0	7.4#



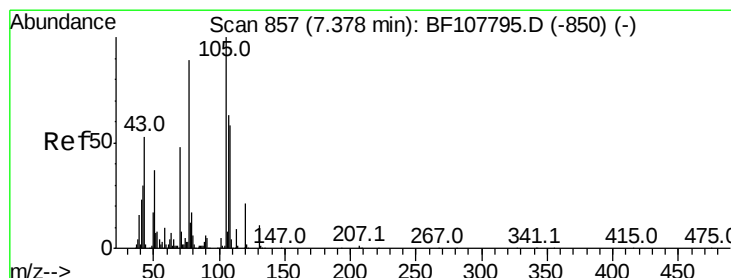
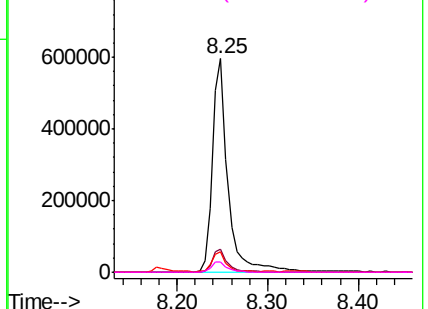
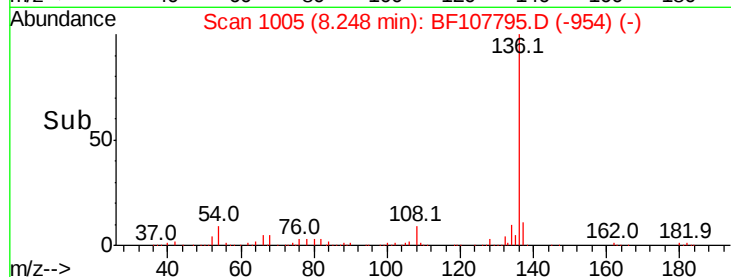
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

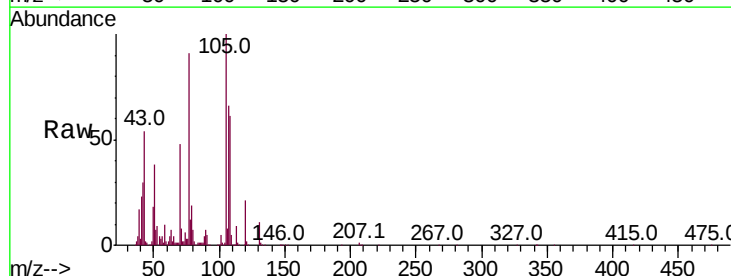
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.506 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt	Ion:105	Resp:	667222
Ion	Ratio	Lower	Upper
105	100		
71	7.7	4.4	6.6#
51	38.0	22.3	33.5#
120	21.2	16.9	25.3



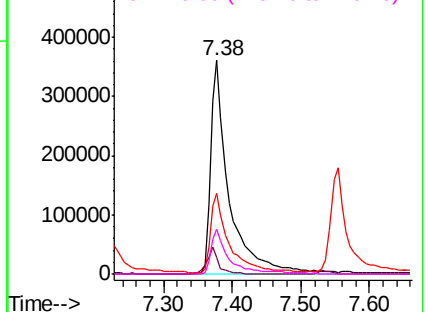
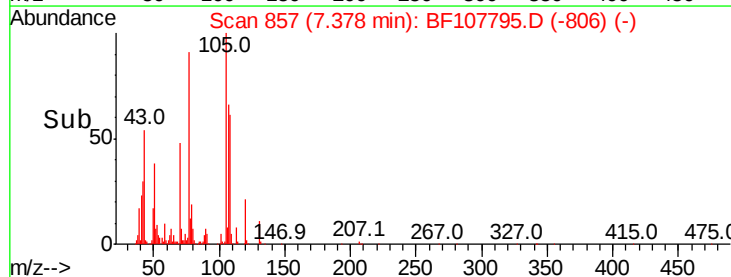
Abundance

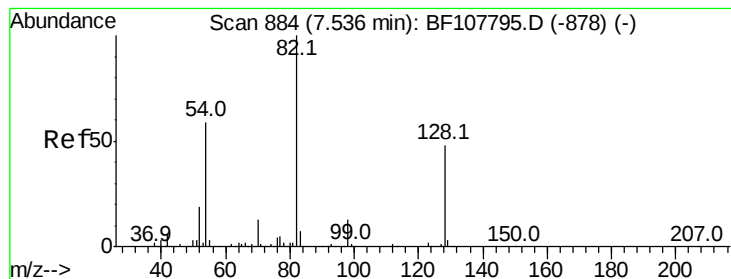
Ion 105.00 (104.70 to 105.70): E

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: 90.570 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

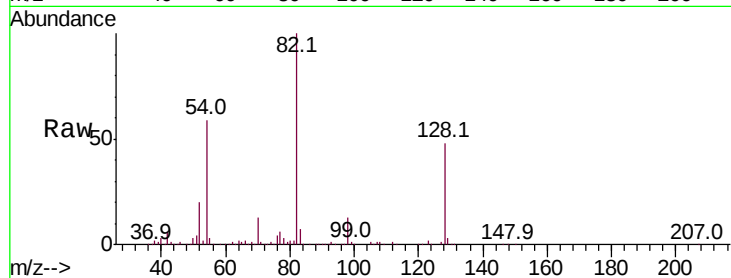
Tot Ion: 82 Resp: 965107

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

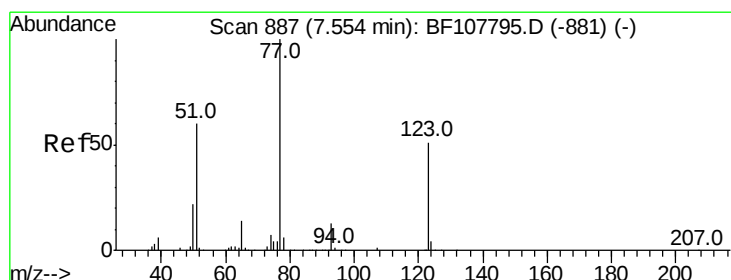
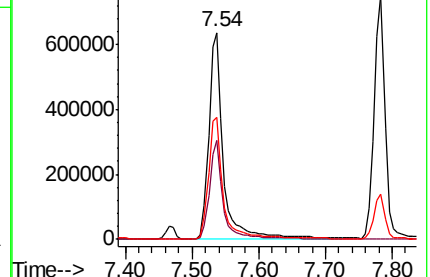
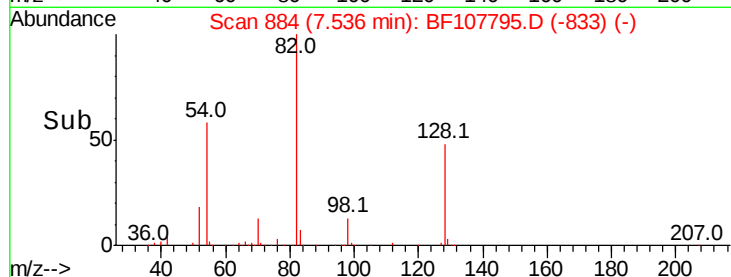
54 59.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.057 ng

RT: 7.55 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

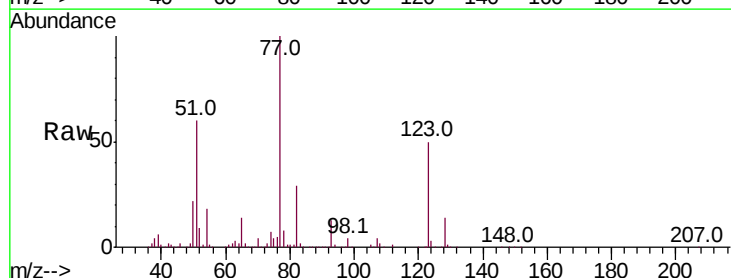
Tgt Ion: 77 Resp: 513301

Ion Ratio Lower Upper

77 100

123 49.6 37.9 56.9

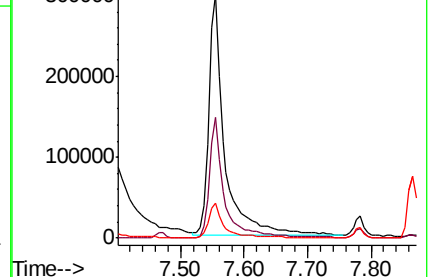
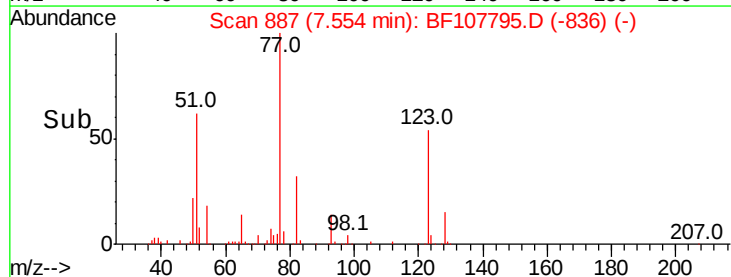
65 14.2 11.0 16.4

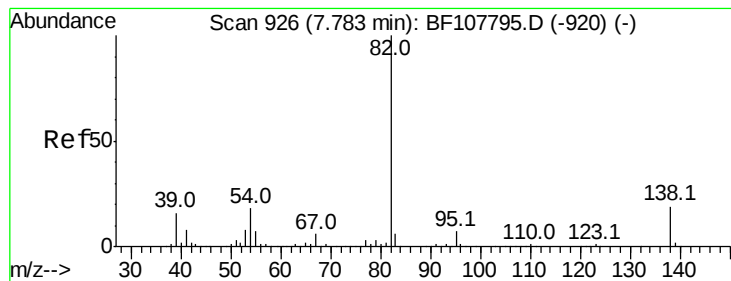


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.499 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

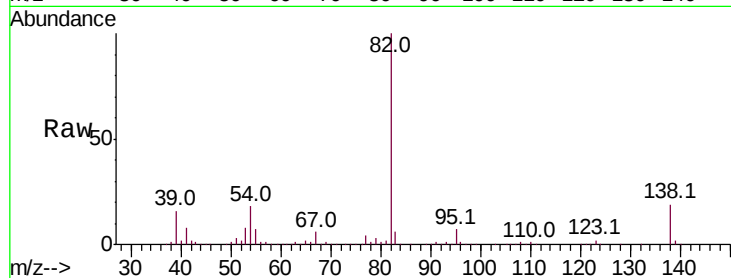
Tot Ion: 82 Resp: 830418

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

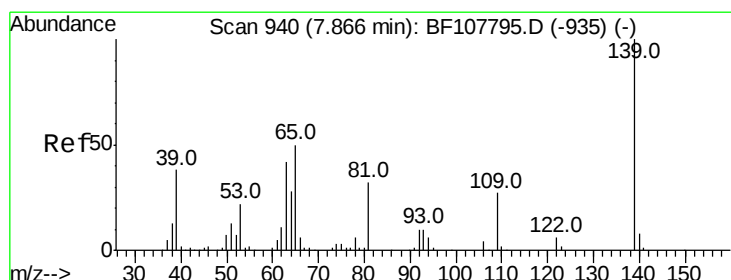
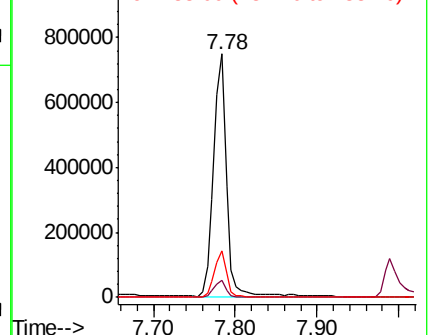
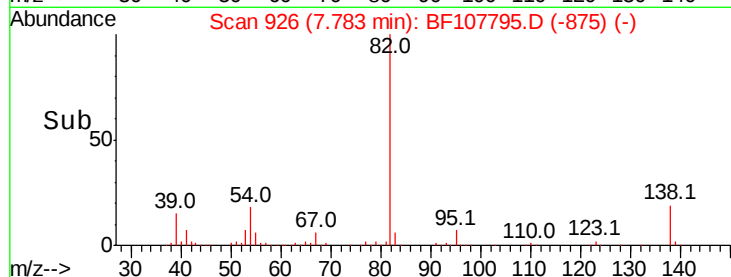
138 19.2 14.9 22.3



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: 53.475 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

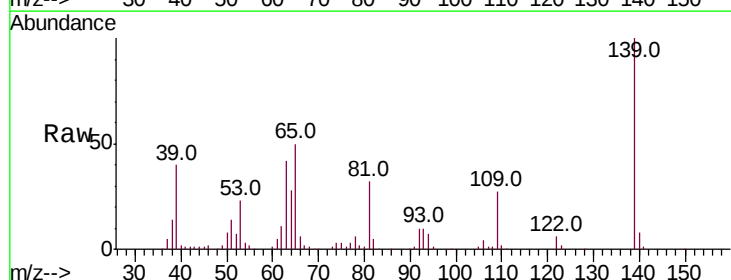
Tgt Ion: 139 Resp: 275611

Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

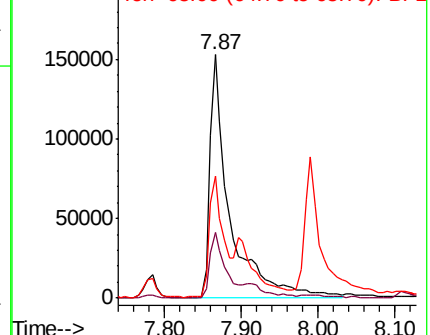
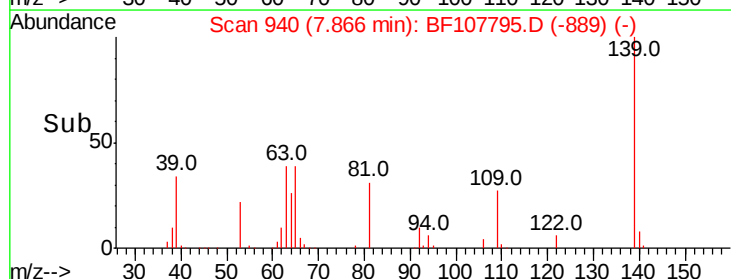
65 50.1 40.5 60.7

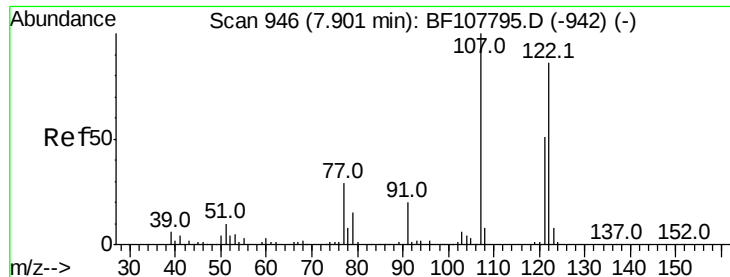


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

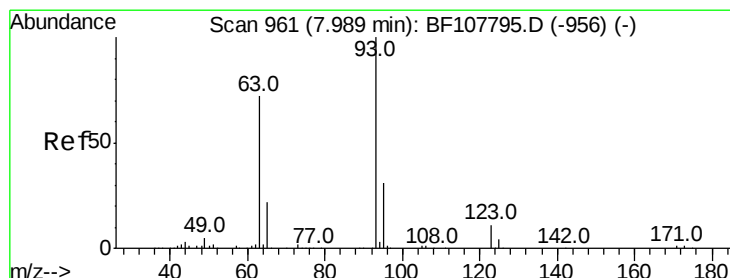
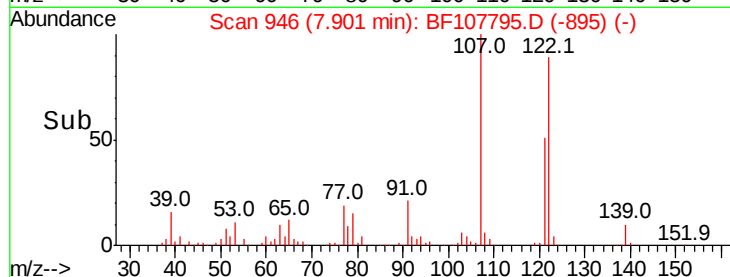
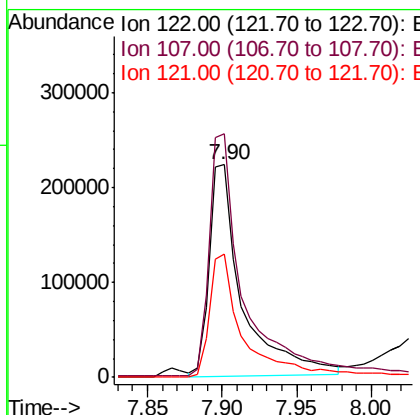
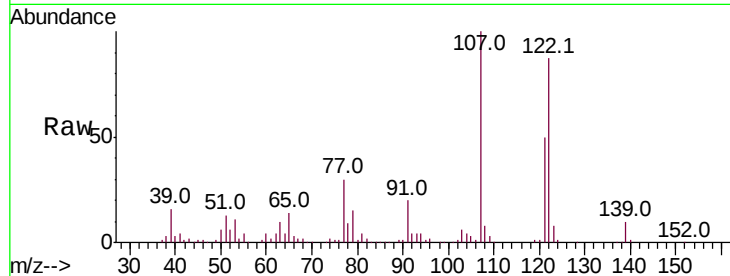




#27
 2,4-Dimethylphenol
 Concen: 35.621 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

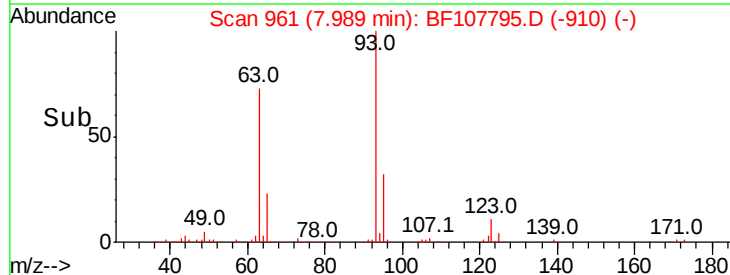
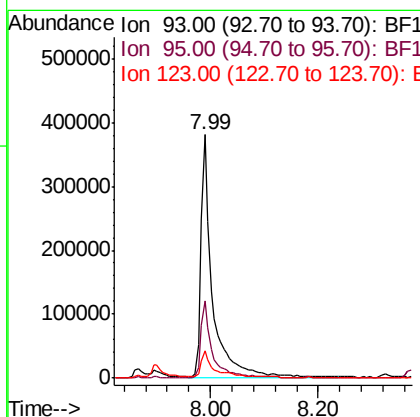
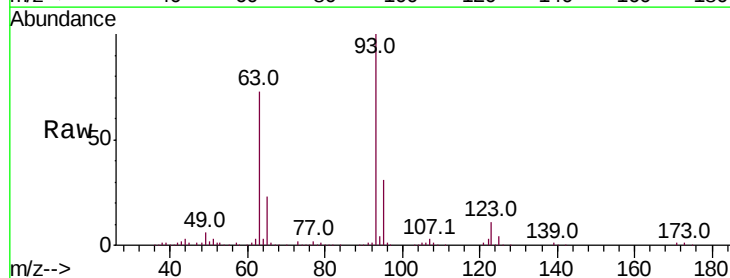
Instrument :
 BNA_F
 ClientSampleId :

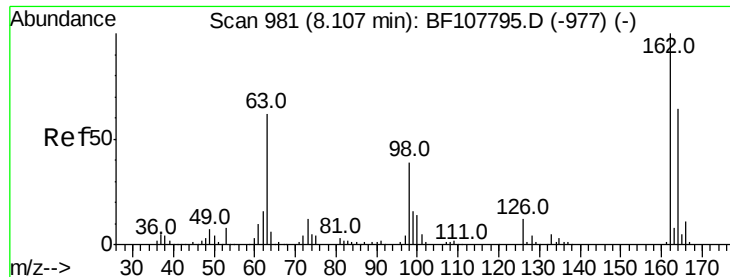
Tot Ion:122 Resp: 347521
 Ion Ratio Lower Upper
 122 100
 107 114.6 91.2 136.8
 121 57.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.034 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion: 93 Resp: 563102
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.3 39.5
 123 11.4 9.8 14.6

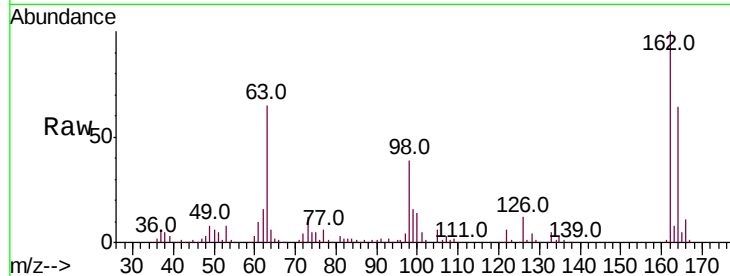




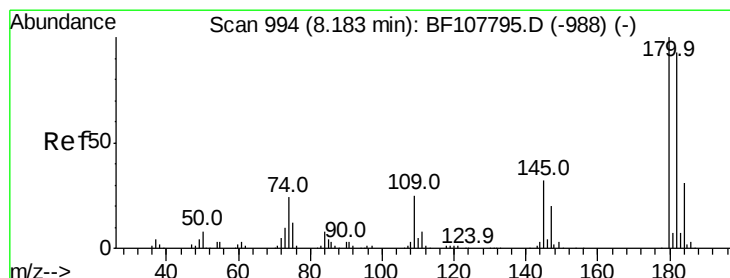
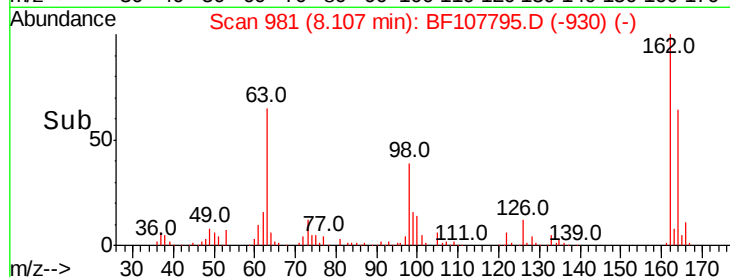
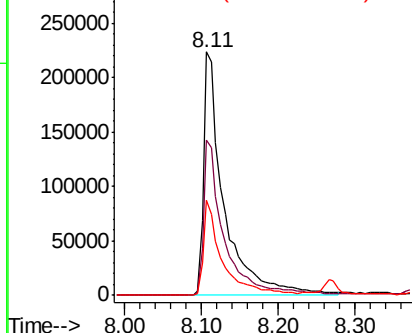
#29
2,4-Dichlorophenol
Concen: 41.453 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 413358
Ion Ratio Lower Upper
162 100
164 63.7 42.7 82.7
98 39.1 18.1 58.1

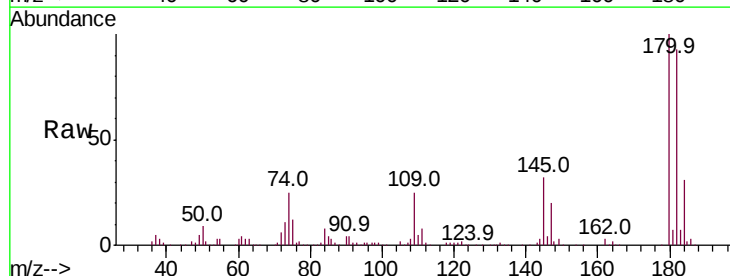


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

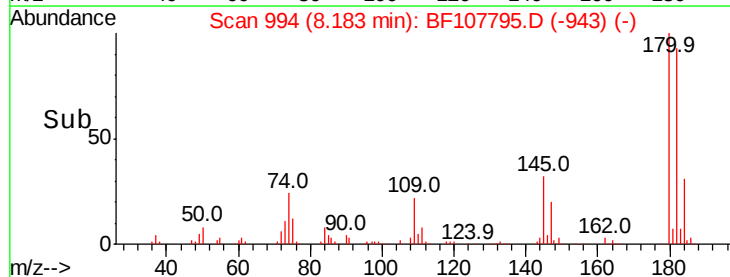
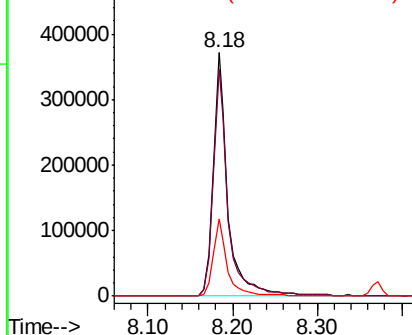


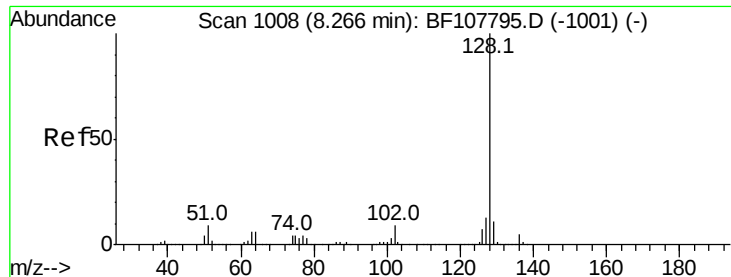
#30
1,2,4-Trichlorobenzene
Concen: 41.109 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:180 Resp: 460412
Ion Ratio Lower Upper
180 100
182 93.2 76.8 115.2
145 31.7 26.5 39.7



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

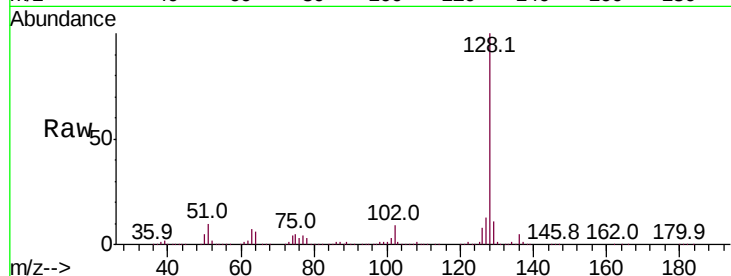




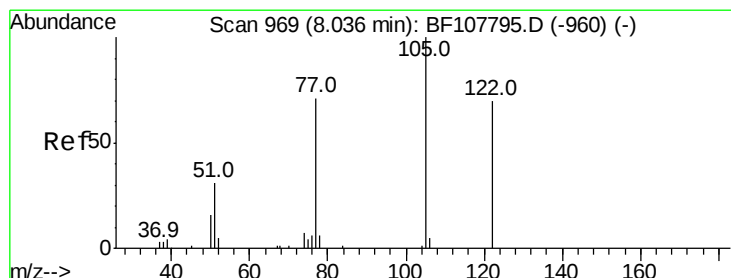
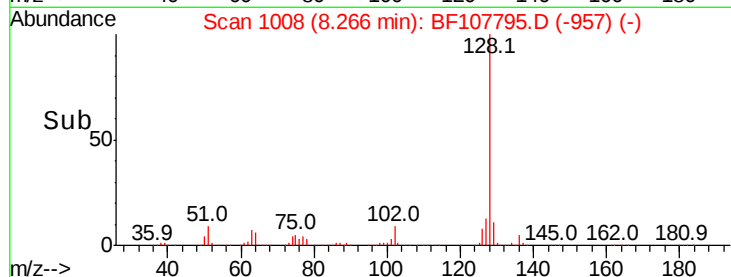
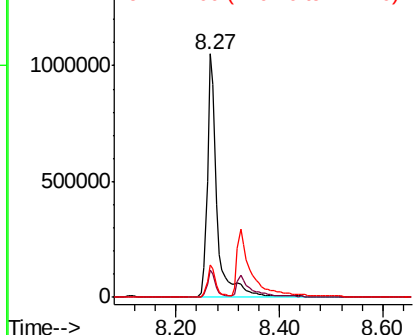
#31
Naphthalene
Concen: 44.368 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1403081
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.9 16.3

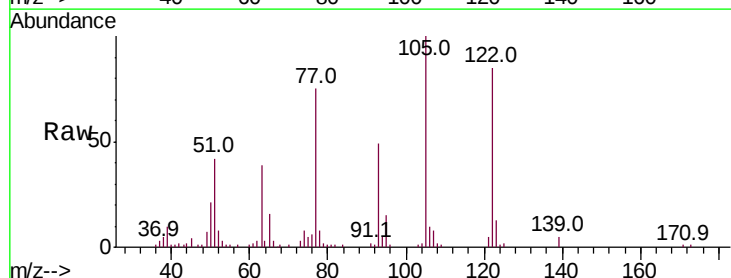


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

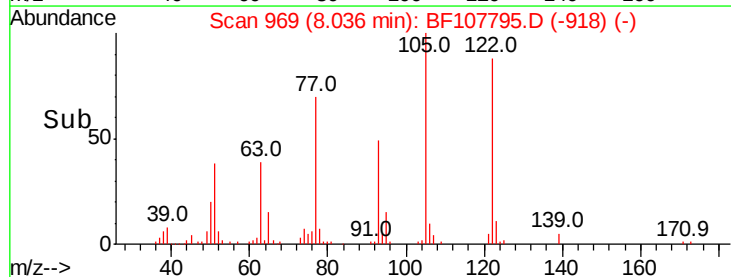
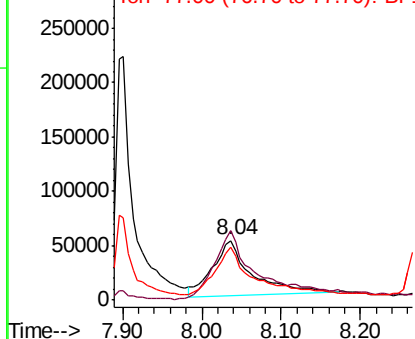


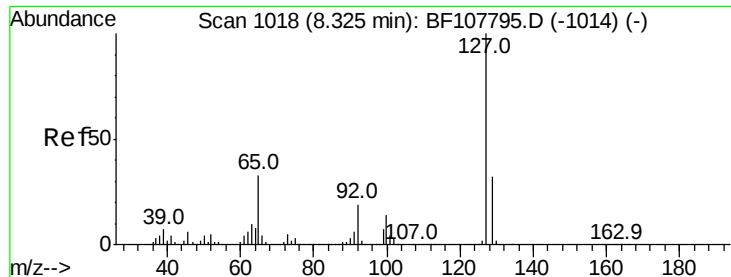
#32
Benzoic acid
Concen: 29.478 ng
RT: 8.04 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:122 Resp: 176176
Ion Ratio Lower Upper
122 100
105 117.3 101.1 141.1
77 88.3 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

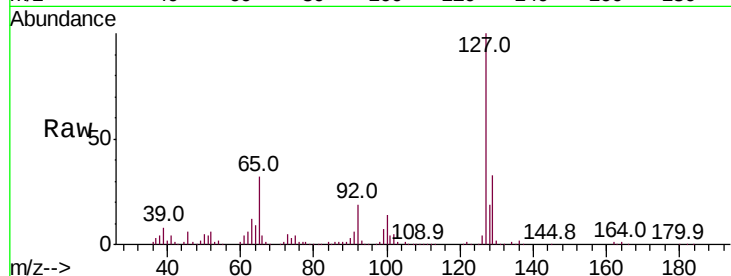




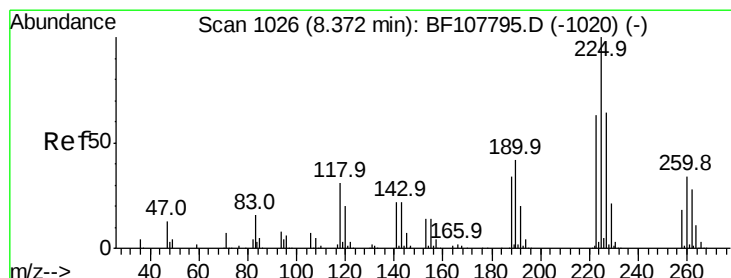
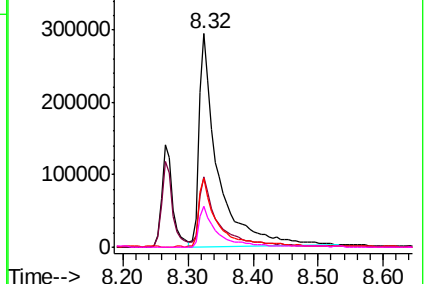
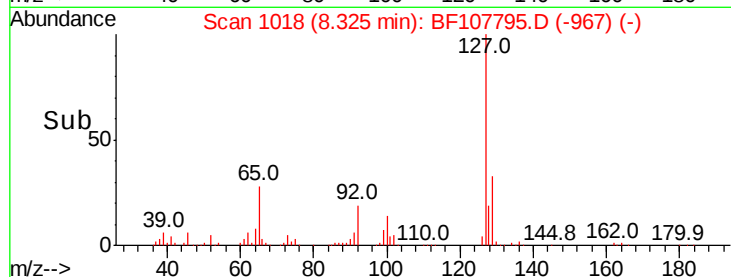
#33
4-Chloroaniline
Concen: 41.855 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	578519
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	32.4	25.0	37.4
92	19.0	15.2	22.8

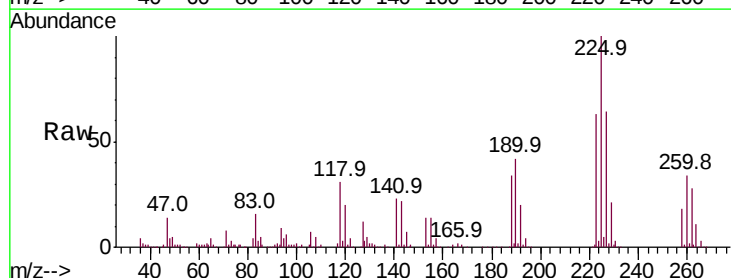


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

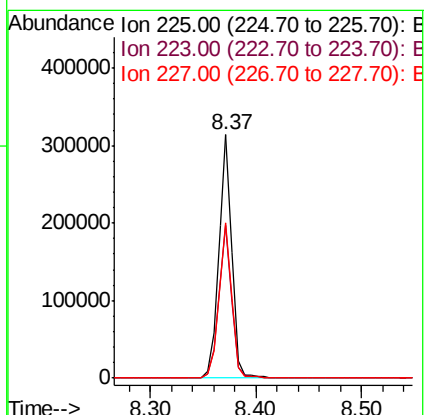
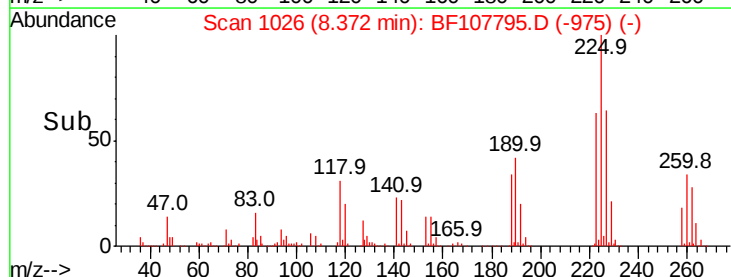


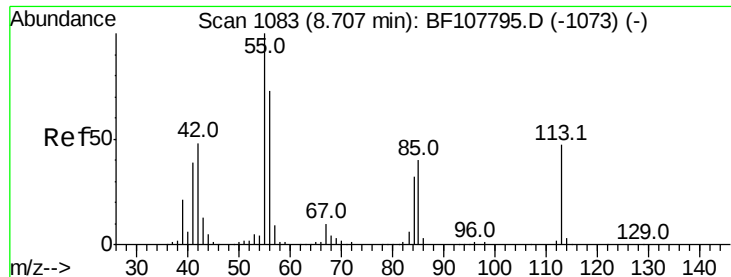
#34
Hexachlorobutadiene
Concen: 41.598 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:	225	Resp:	276838
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.6	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

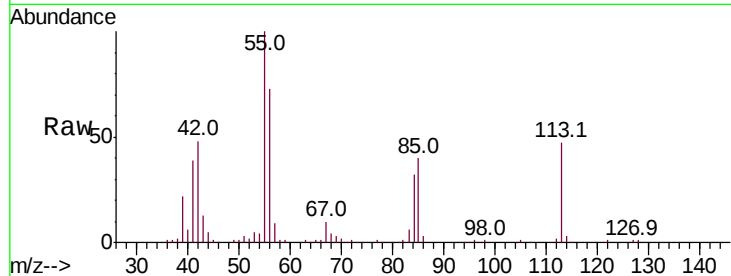




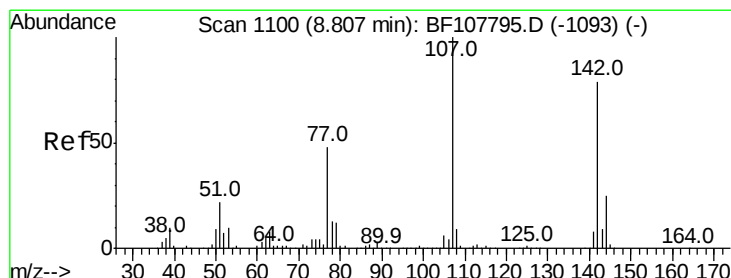
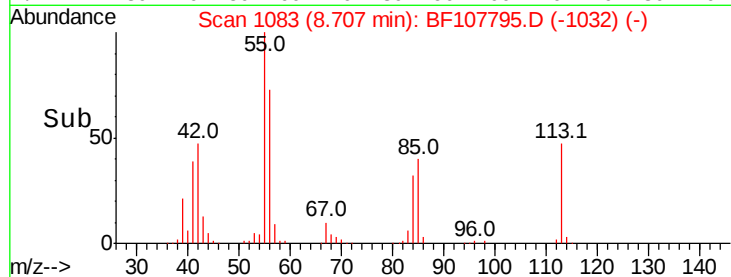
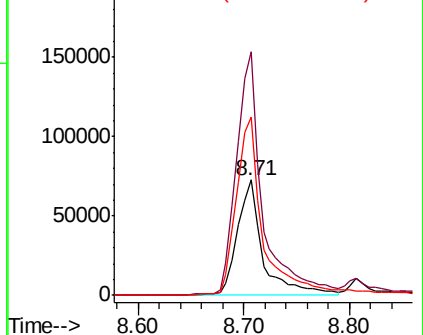
#35
 Caprolactam
 Concen: 37.453 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 121474
 Ion Ratio Lower Upper
 113 100
 55 211.0 163.3 203.3#
 56 155.1 115.7 155.7

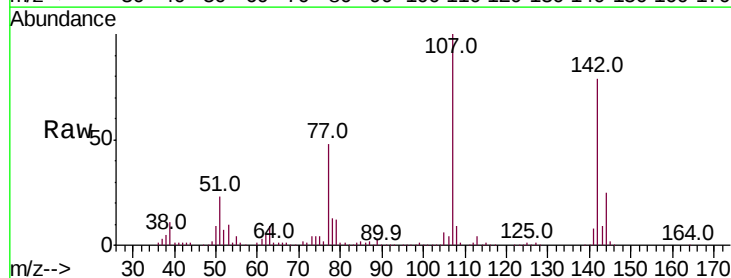


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

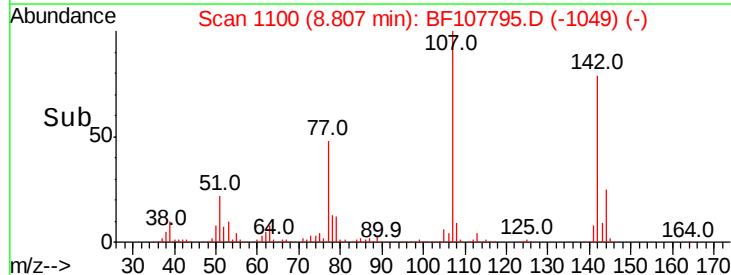
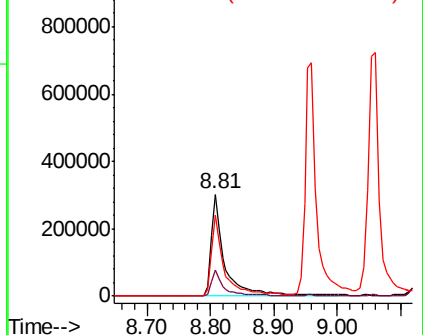


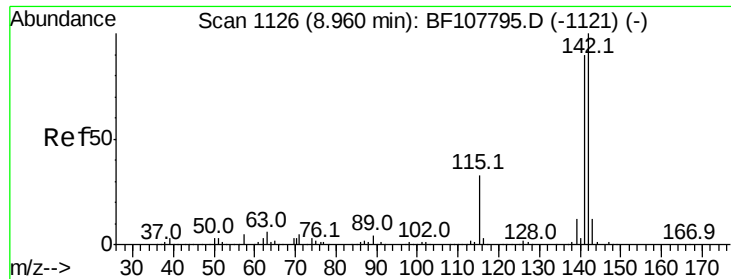
#36
 4-Chloro-3-methylphenol
 Concen: 41.029 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion:107 Resp: 454471
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 79.3 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

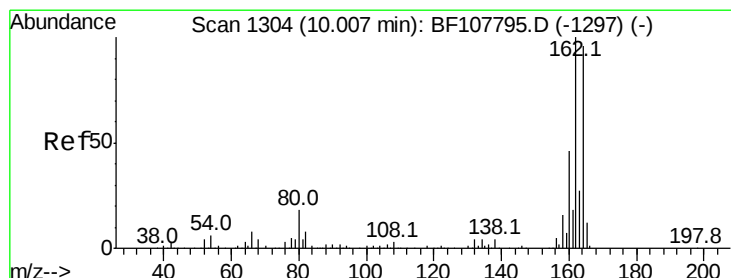
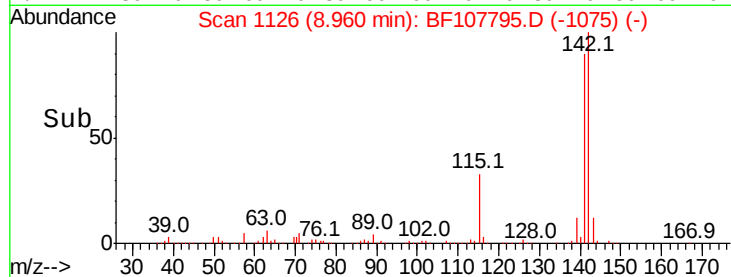
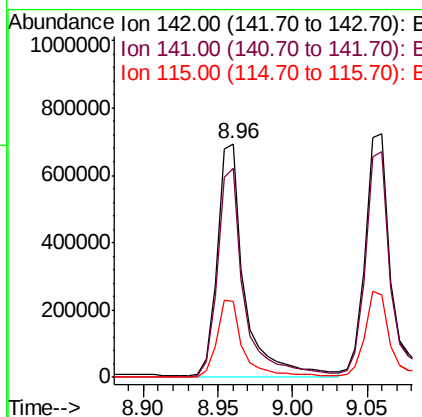
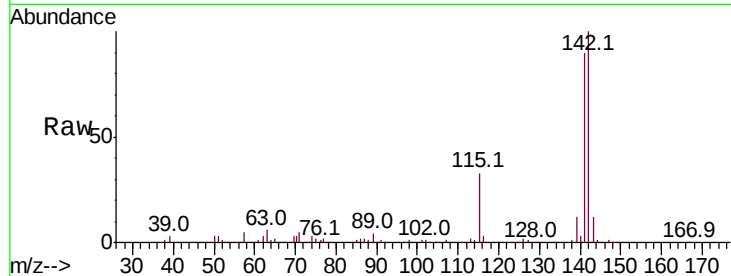




#37
 2-Methylnaphthalene
 Concen: 40.444 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

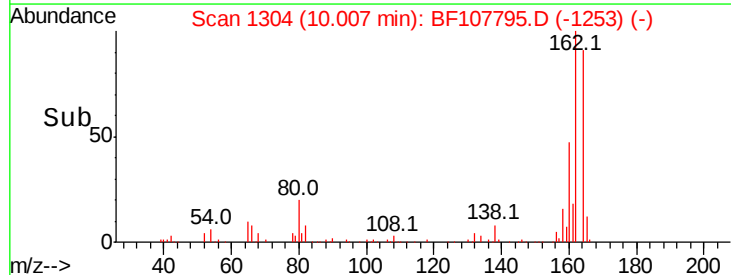
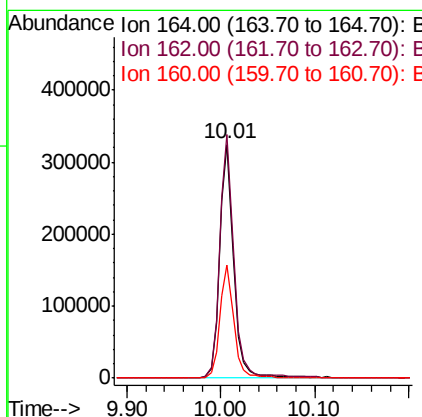
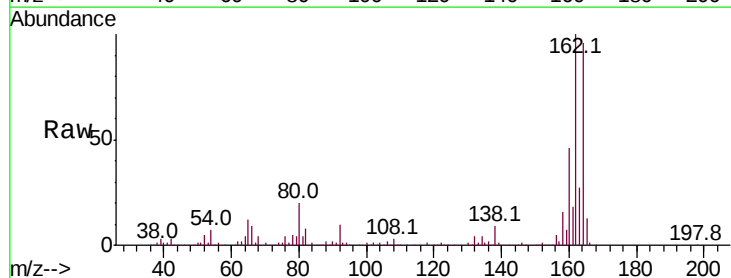
Instrument :
 BNA_F
 ClientSampled :

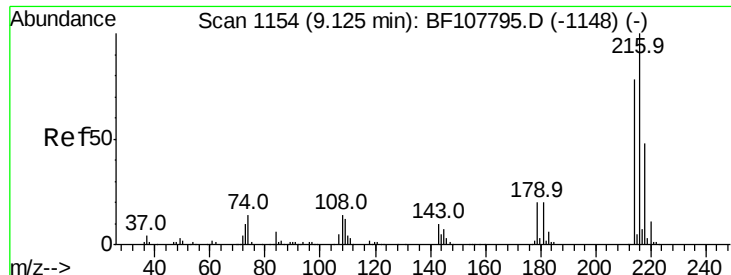
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	32.7	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.548 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 481030

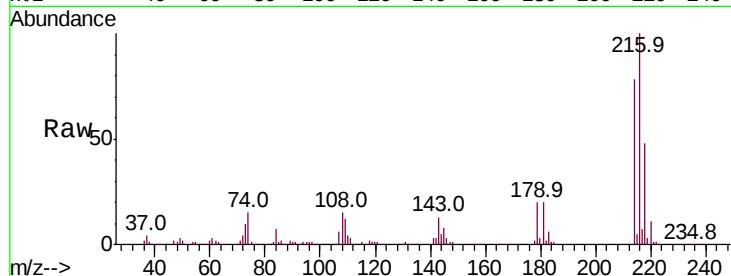
Ion Ratio Lower Upper

216 100

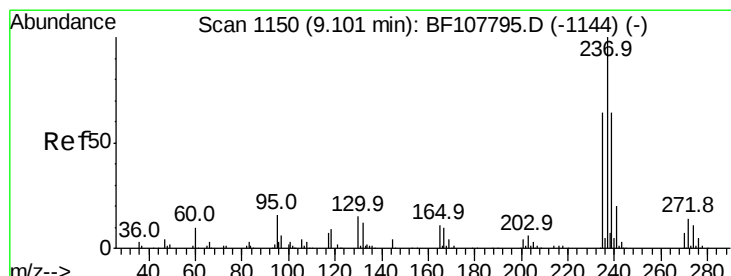
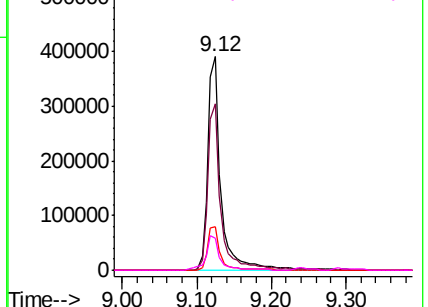
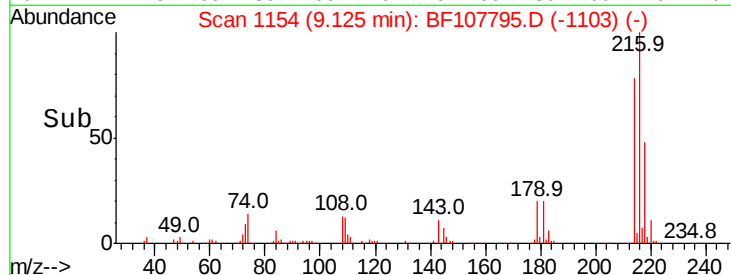
214 78.6 63.0 94.4

179 20.4 18.1 27.1

108 16.3 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: 30.671 ng

RT: 9.10 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

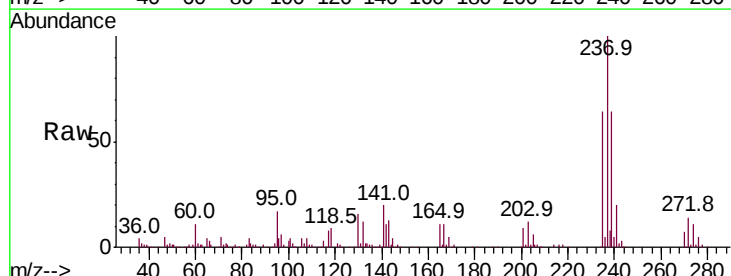
Tgt Ion:237 Resp: 176269

Ion Ratio Lower Upper

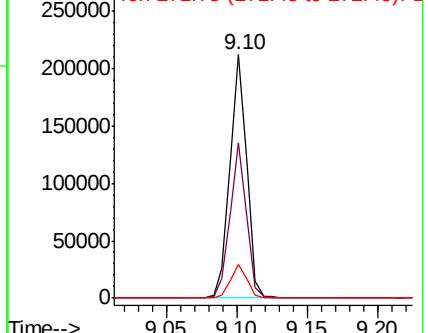
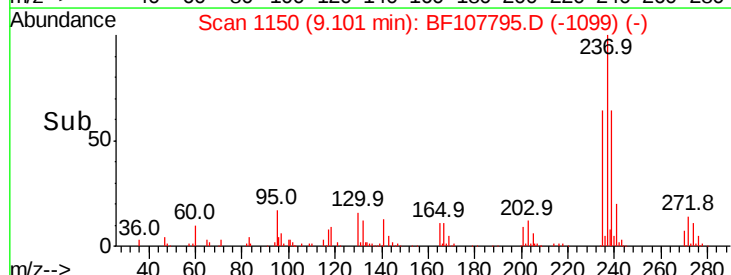
237 100

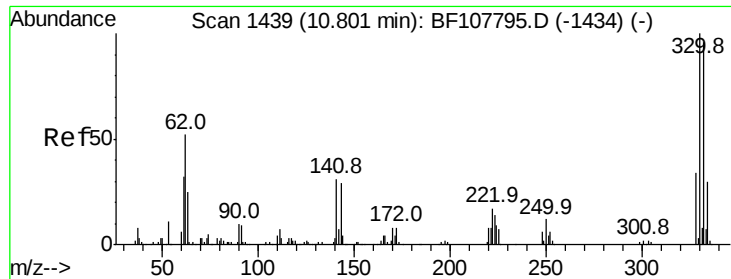
235 63.7 44.8 84.8

272 14.0 0.0 33.3



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

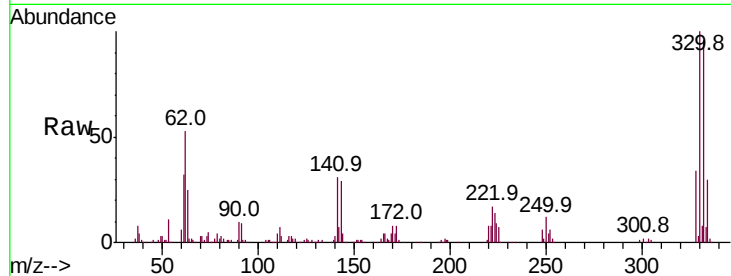




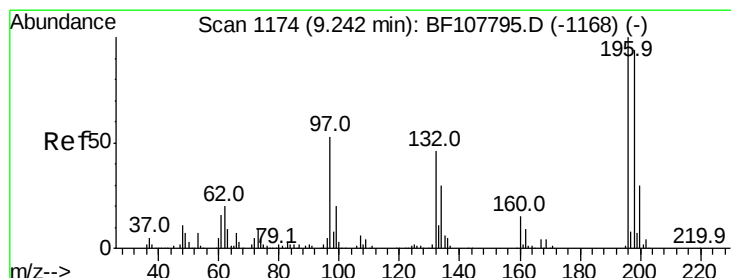
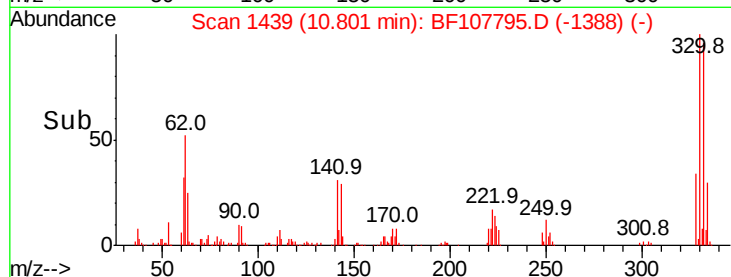
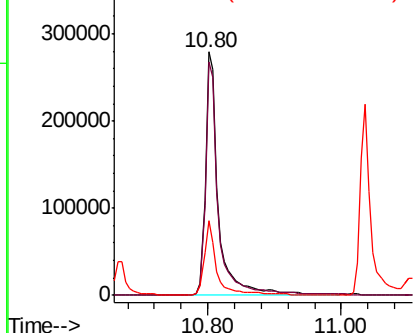
#41
 2,4,6-Tribromophenol
 Concen: 98.153 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	27.8	29.9	44.9#

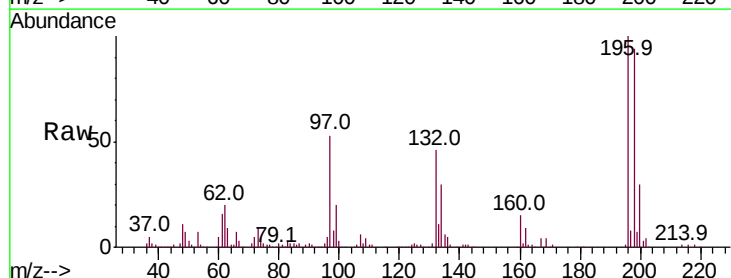


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

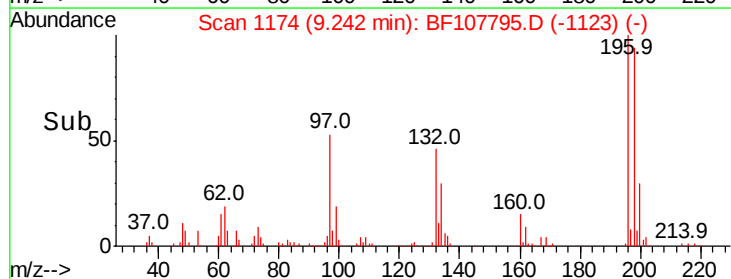
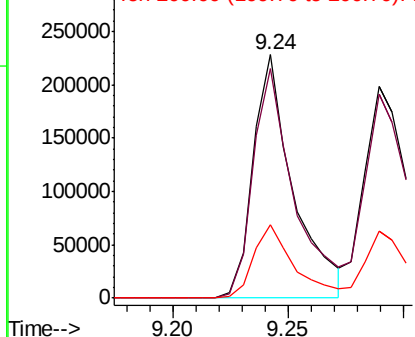


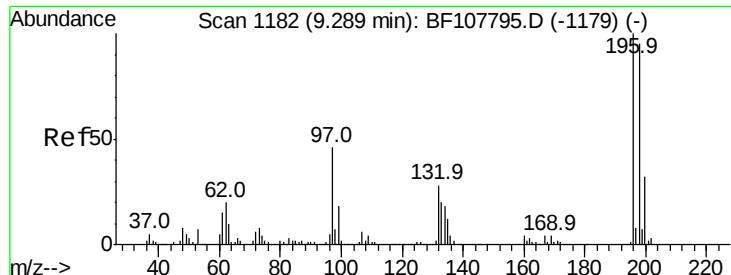
#42
 2,4,6-Trichlorophenol
 Concen: 38.173 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	30.3	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

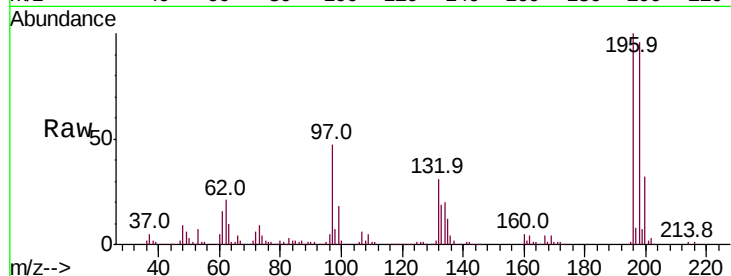




#43
 2,4,5-Trichlorophenol
 Concen: 43.950 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	47.3	42.9	64.3
132	30.5	26.3	39.5



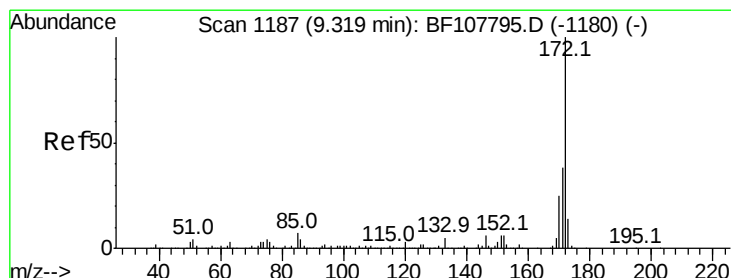
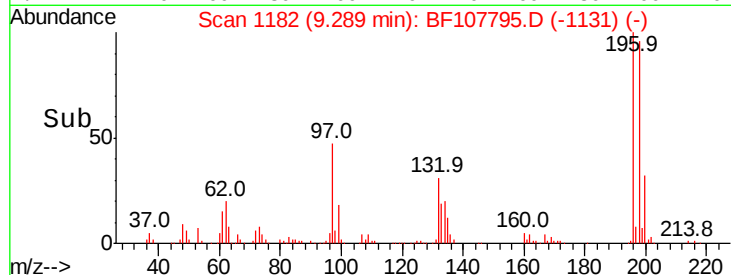
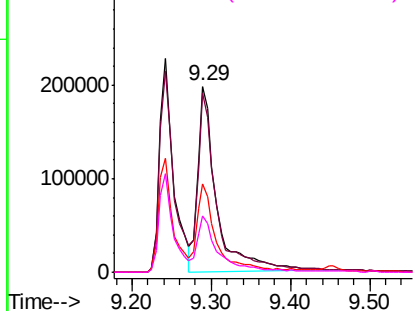
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

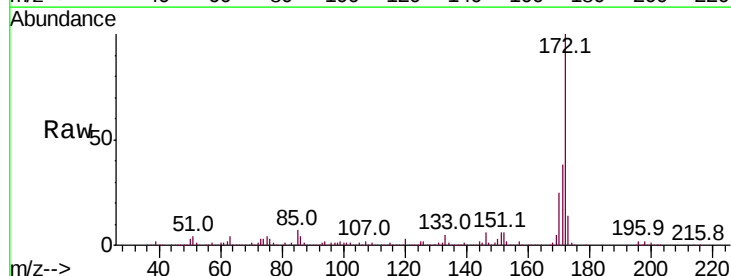
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.655 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.1	19.6	29.4

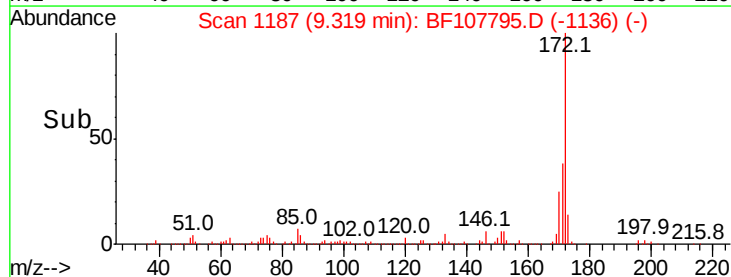
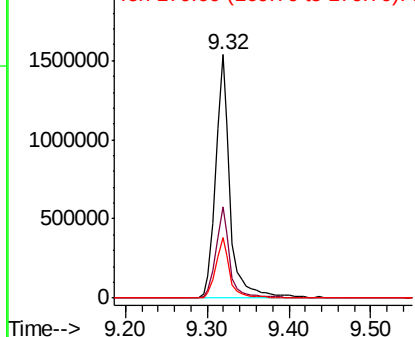


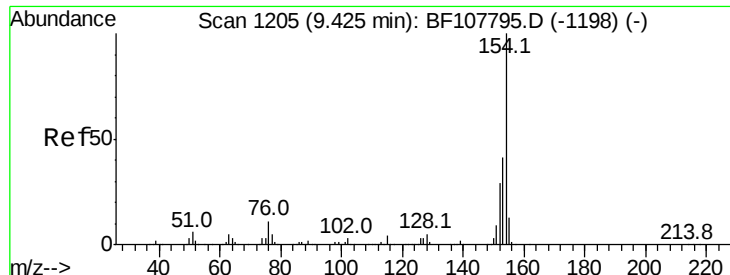
Abundance

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



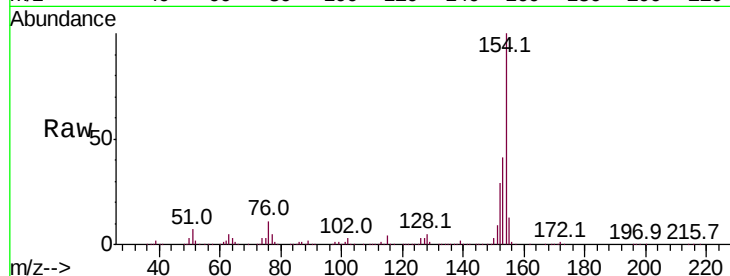


#45
 1,1'-Biphenyl
 Concen: 42.655 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

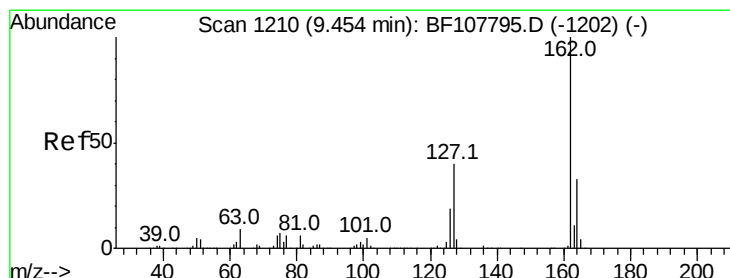
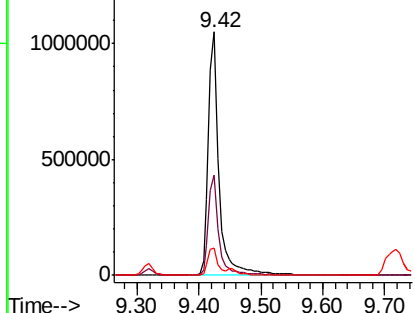
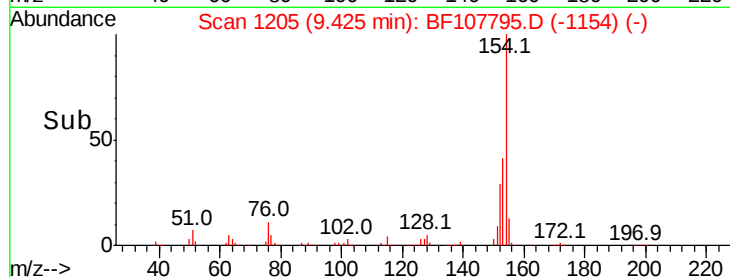
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1259500

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	11.2	0.0	34.0



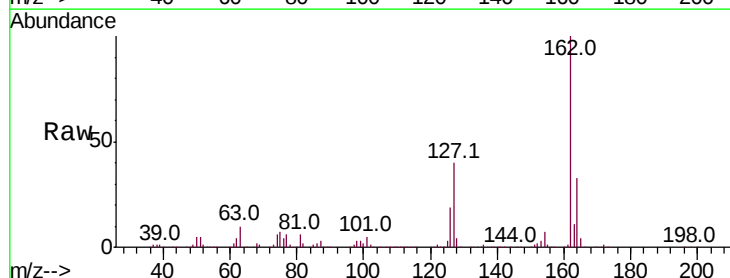
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



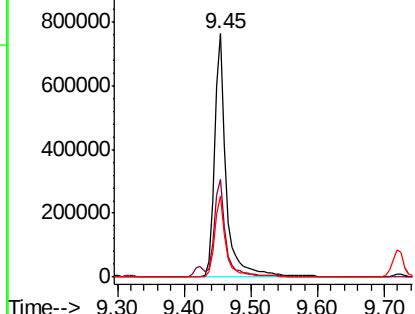
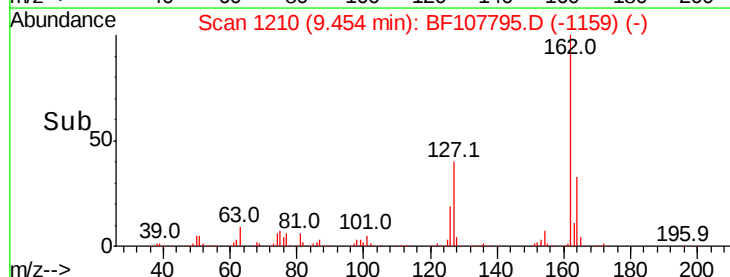
#46
 2-Chloronaphthalene
 Concen: 42.033 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

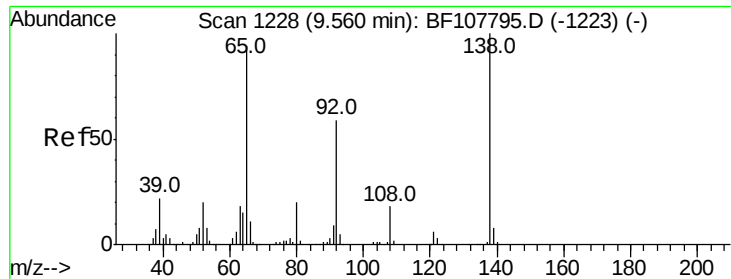
Tgt Ion:162 Resp: 948685

Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	33.2	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

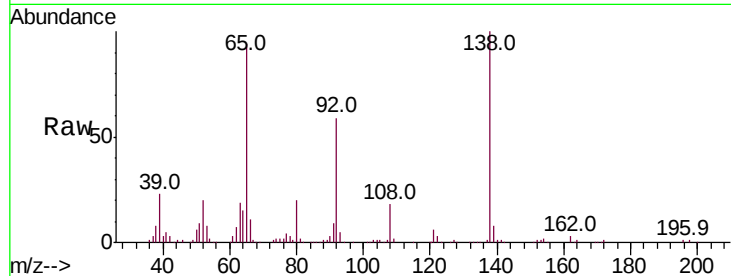




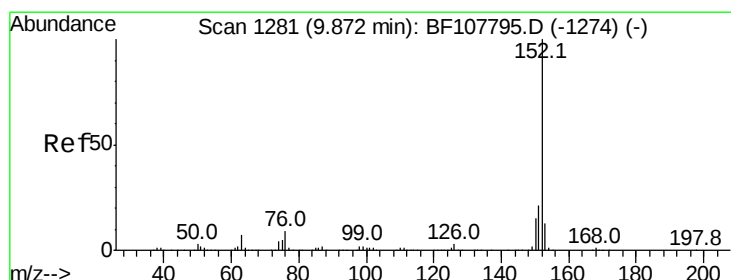
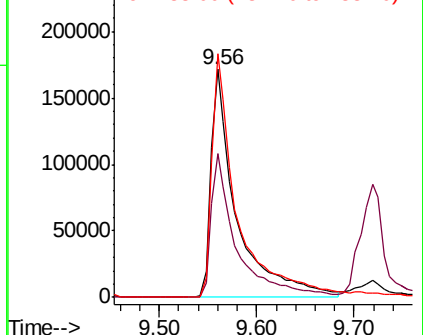
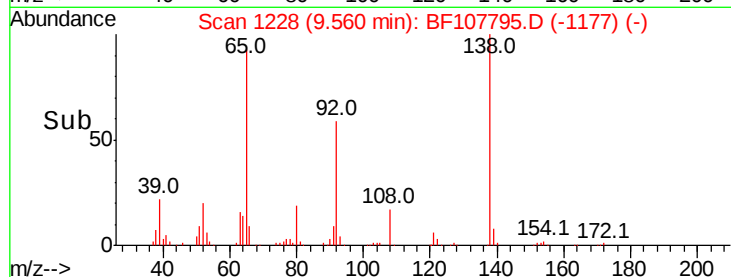
#47
2-Nitroaniline
Concen: 47.488 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 312465
Ion Ratio Lower Upper
65 100
92 62.9 55.8 83.6
138 106.8 91.2 136.8

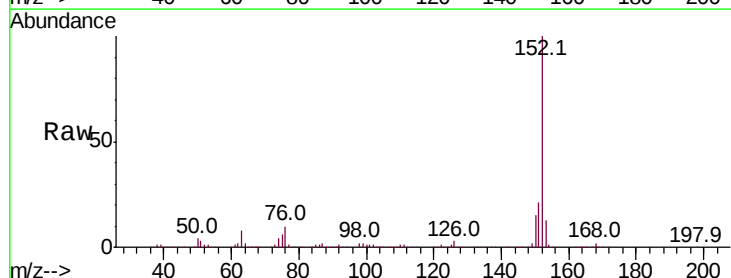


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

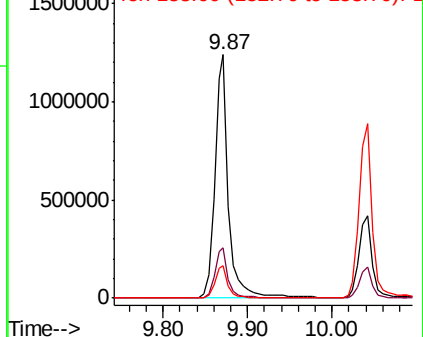
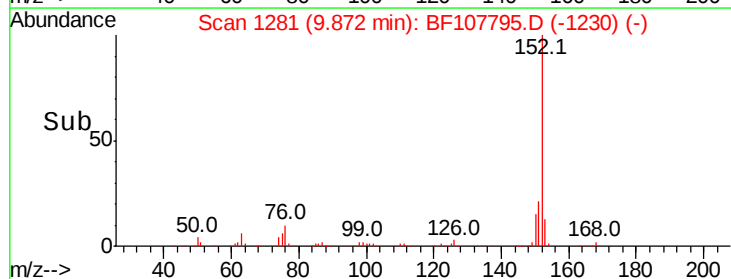


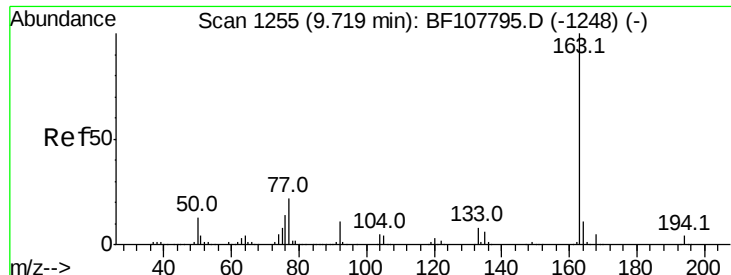
#48
Acenaphthylene
Concen: 41.627 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion: 152 Resp: 1411355
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.4 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

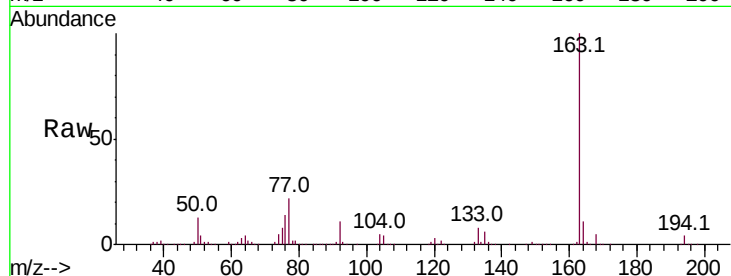




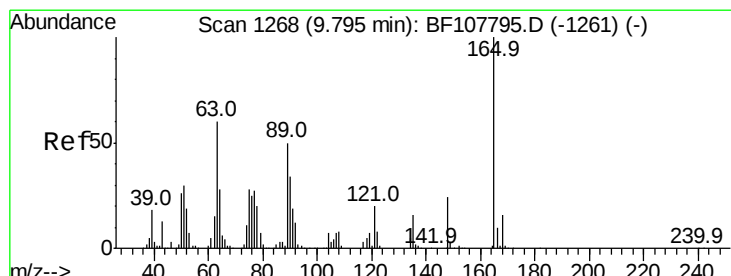
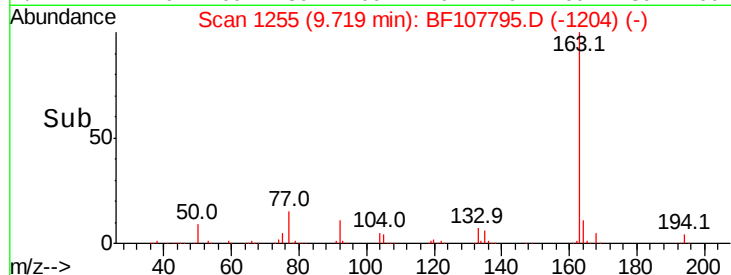
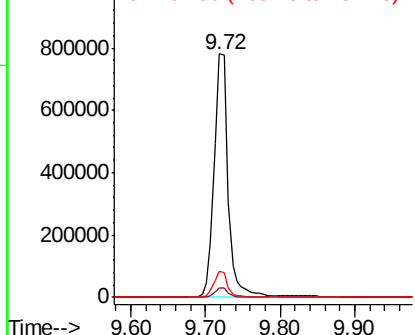
#49
Dimethylphthalate
Concen: 40.467 ng
RT: 9.72 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1033769
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.8 8.2 12.2

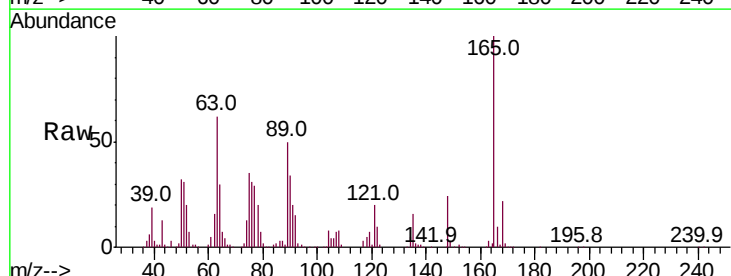


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

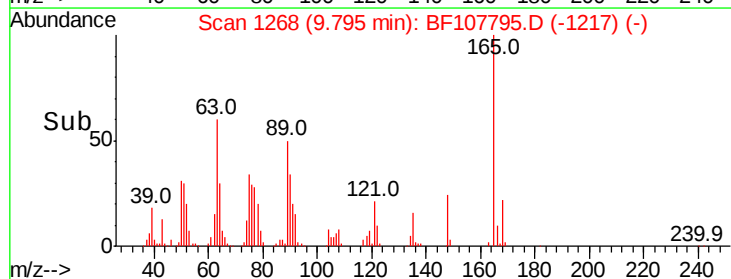
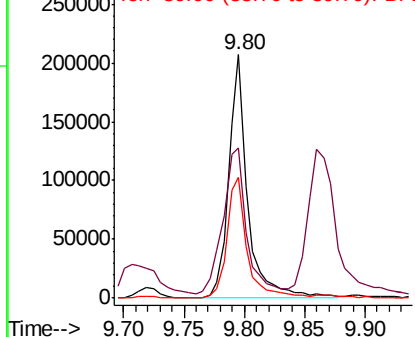


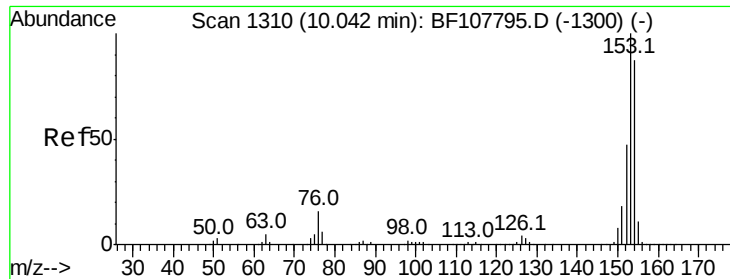
#50
2,6-Dinitrotoluene
Concen: 44.009 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:165 Resp: 223213
Ion Ratio Lower Upper
165 100
63 61.9 44.7 67.1
89 49.6 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: 37.504 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

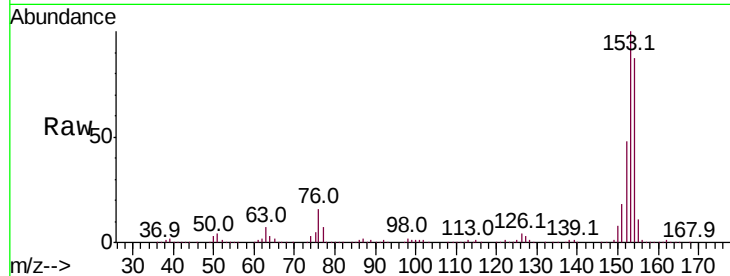
Tot Ion:154 Resp: 796689

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

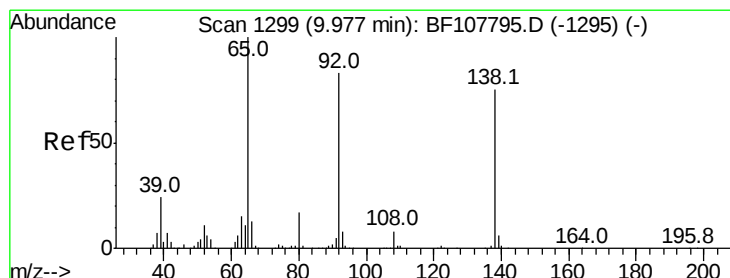
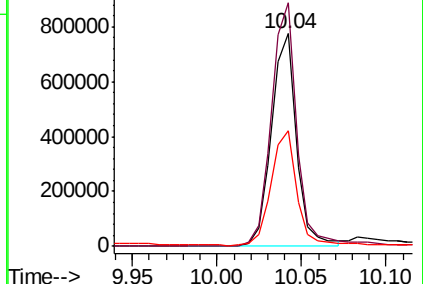
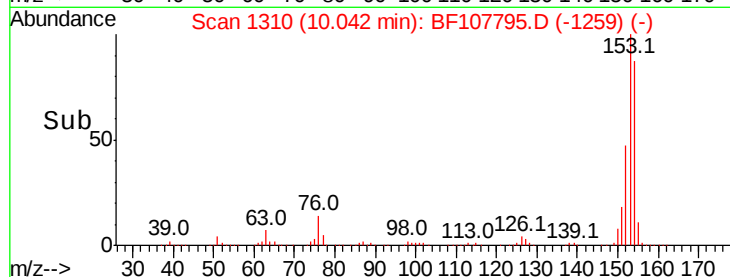
152 54.4 43.8 65.8



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: 46.097 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

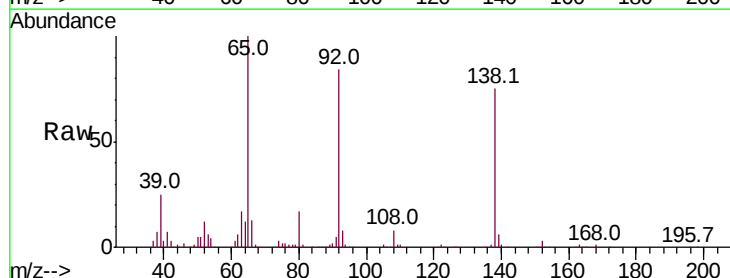
Tgt Ion:138 Resp: 284433

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

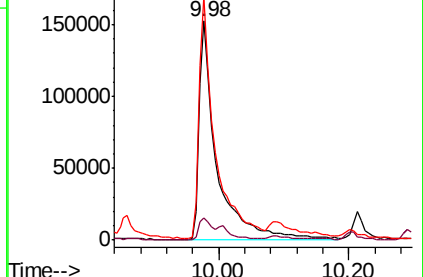
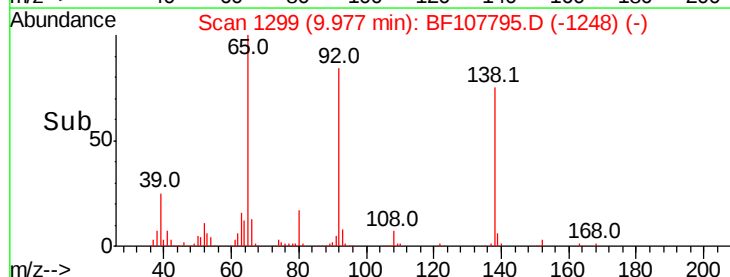
92 111.3 89.4 134.2

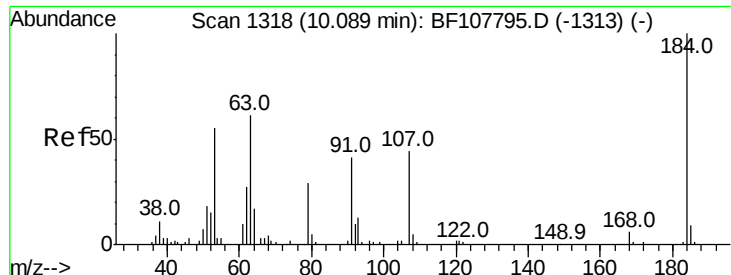


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

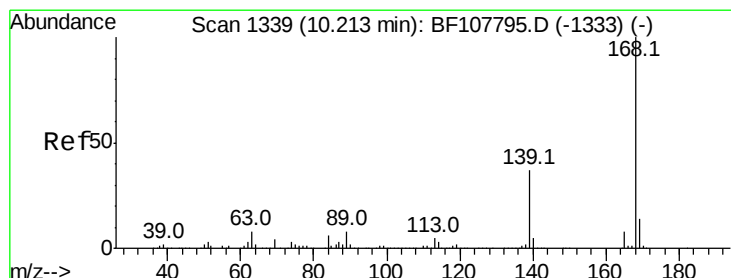
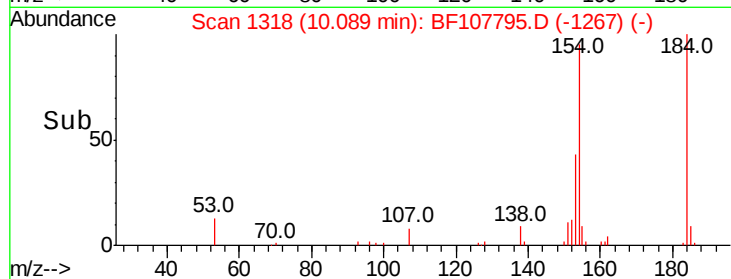
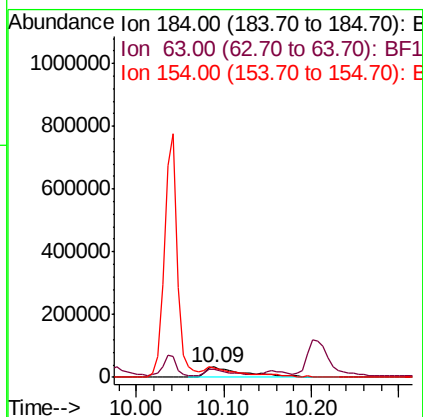
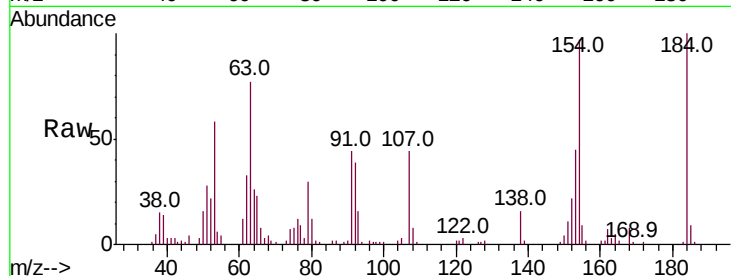




#53
 2,4-Dinitrophenol
 Concen: 62.733 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

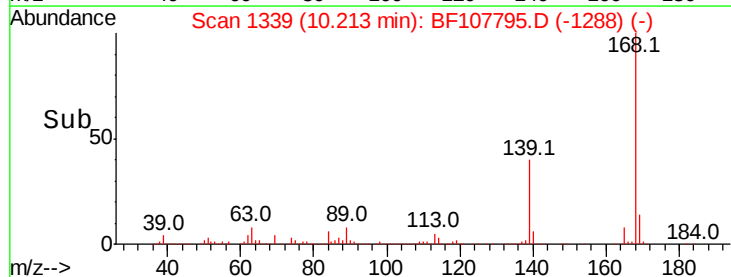
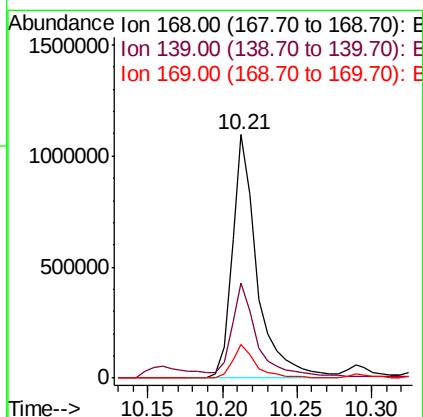
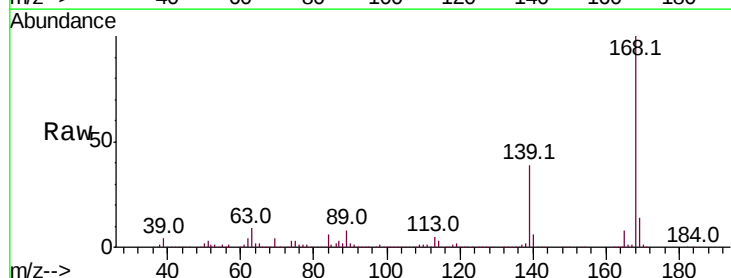
Instrument :
 BNA_F
 ClientSampleId :

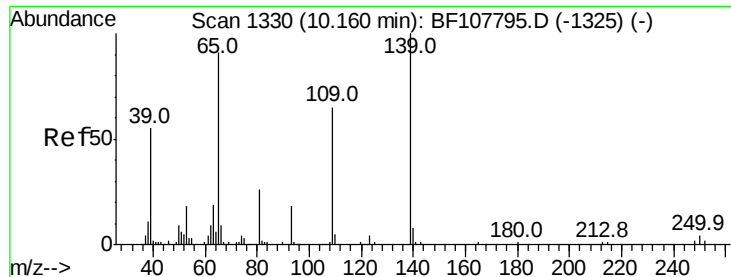
Tot Ion:184 Resp: 102583
 Ion Ratio Lower Upper
 184 100
 63 76.9 54.2 81.2
 154 97.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.201 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion:168 Resp: 1288513
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.9 10.9 16.3

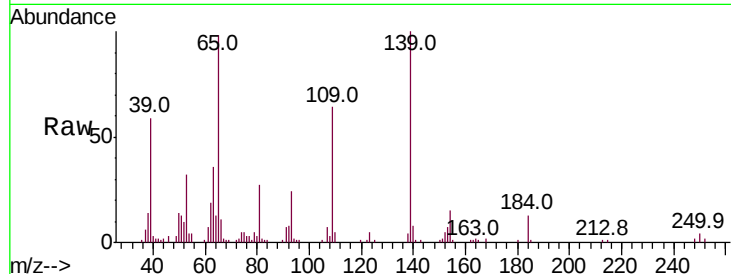




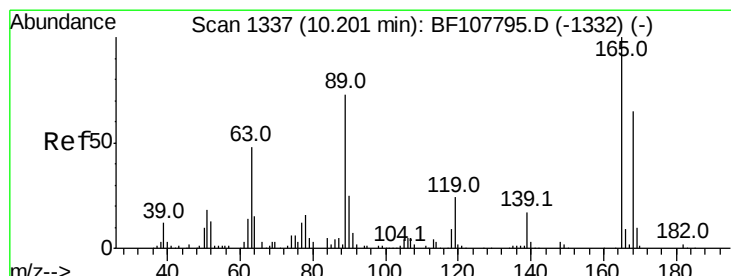
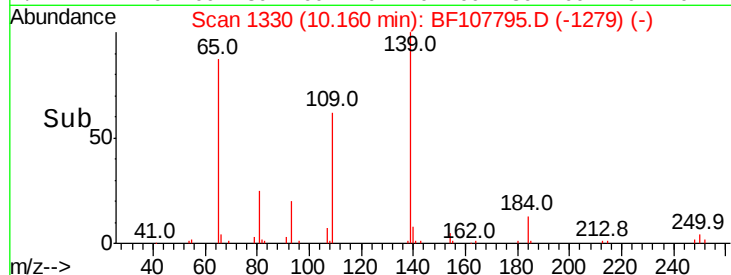
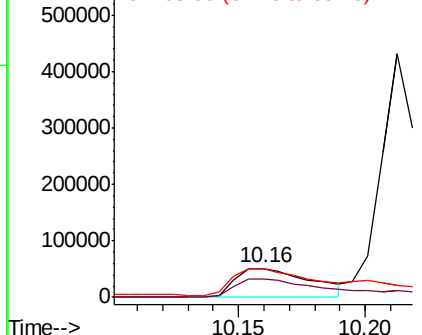
#55
4-Nitrophenol
Concen: 22.904 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 105811
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 97.7 72.6 112.6

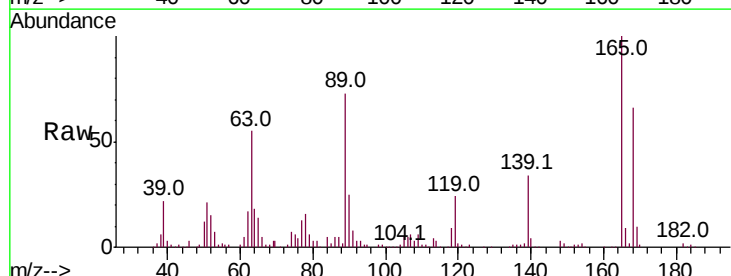


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

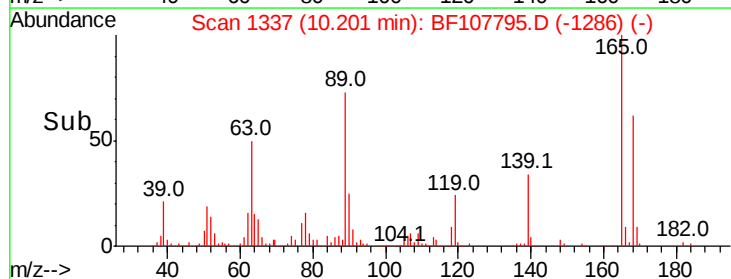
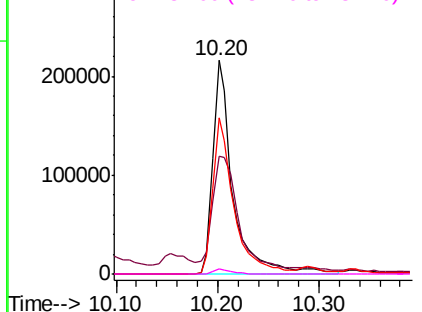


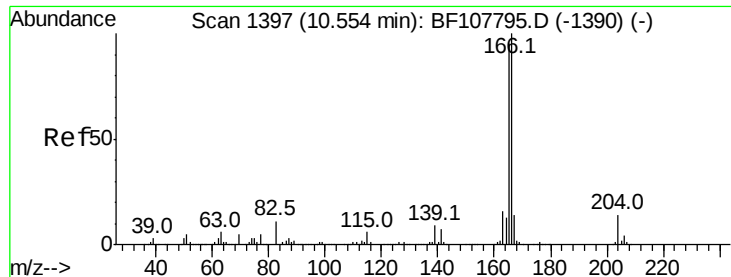
#56
2,4-Dinitrotoluene
Concen: 48.881 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:165 Resp: 299266
Ion Ratio Lower Upper
165 100
63 54.9 36.4 54.6#
89 72.9 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: 44.037 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

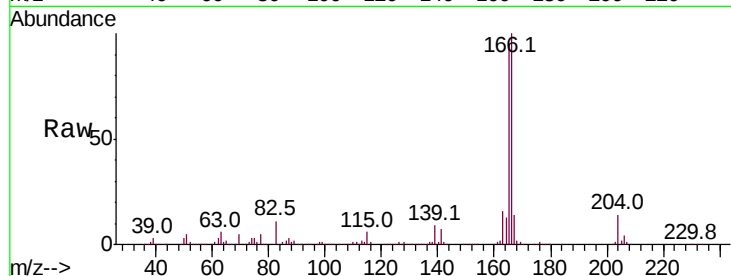
Tot Ion:166 Resp: 982519

Ion Ratio Lower Upper

166 100

165 95.1 79.8 119.8

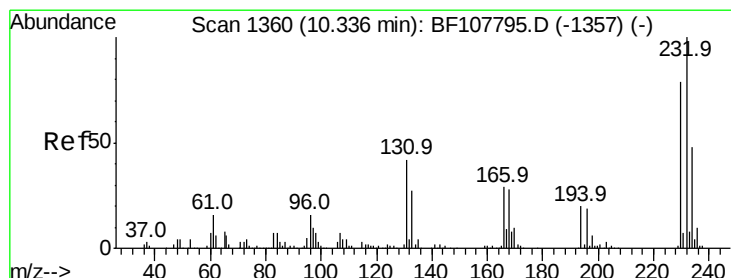
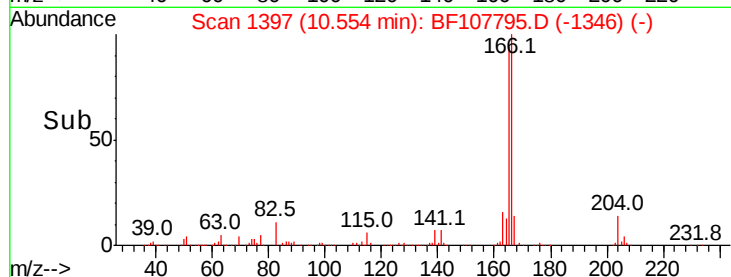
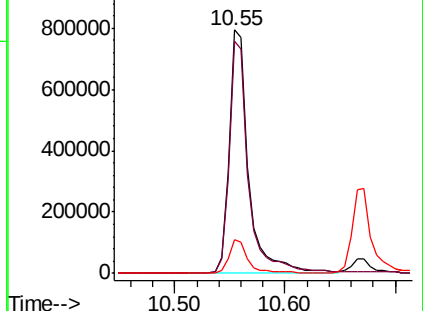
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.186 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Tgt Ion:232 Resp: 303311

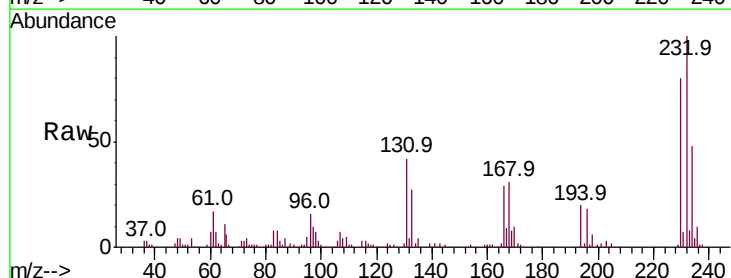
Ion Ratio Lower Upper

232 100

131 40.0 43.8 65.8#

130 1.8 2.1 3.1#

166 24.2 27.8 41.6#

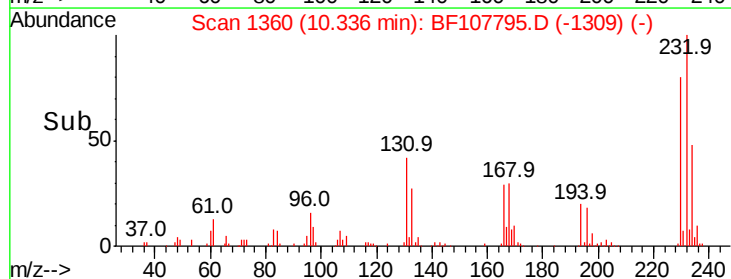
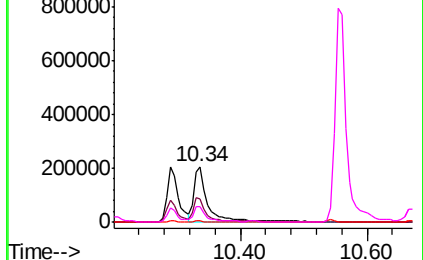


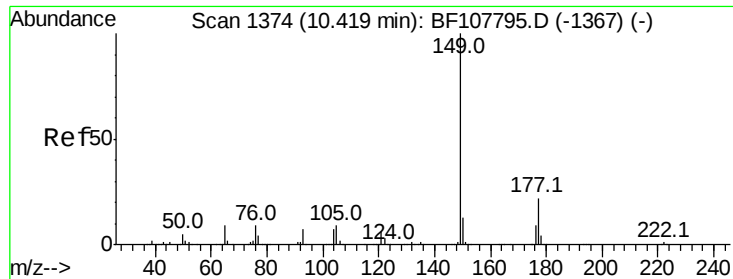
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

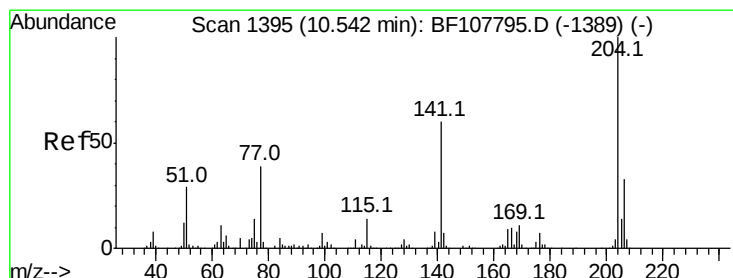
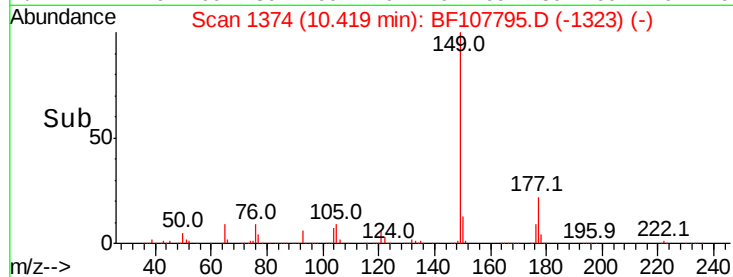
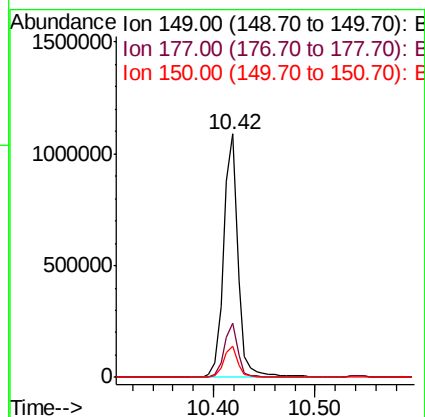
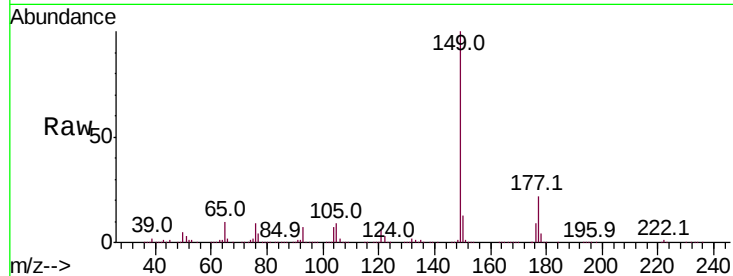




#59
Diethylphthalate
Concen: 40.304 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

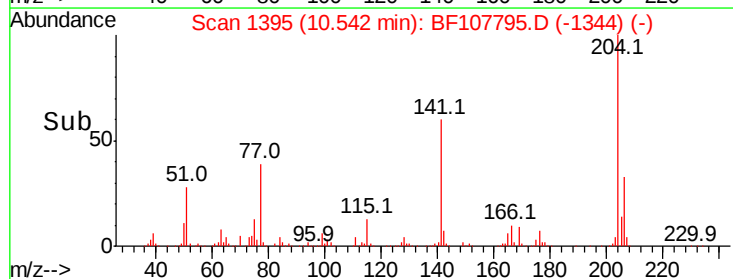
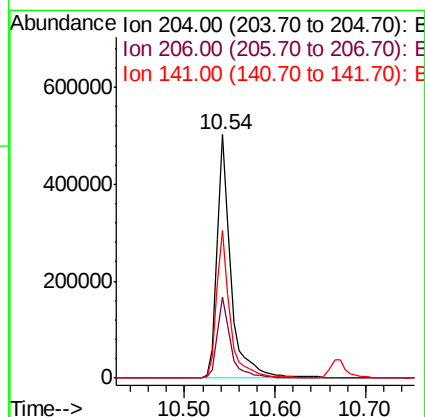
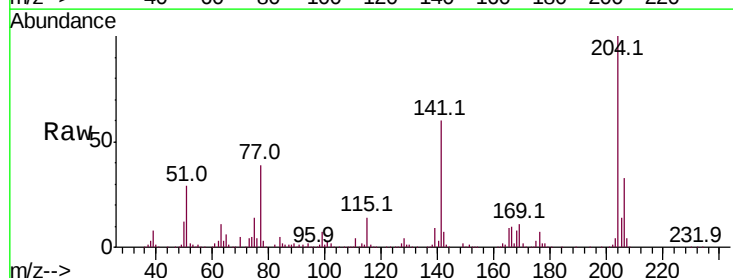
Instrument :
BNA_F
ClientSampled :

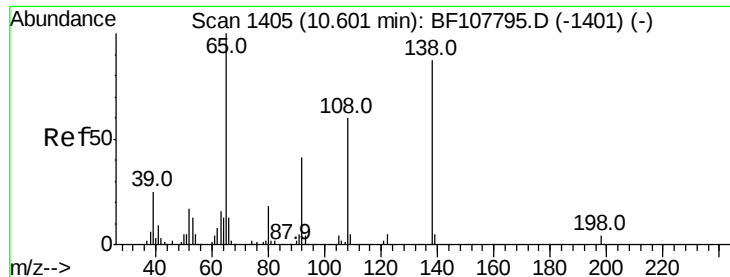
Tot Ion:149 Resp: 1075315
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.648 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:204 Resp: 537923
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.4 54.6 81.8

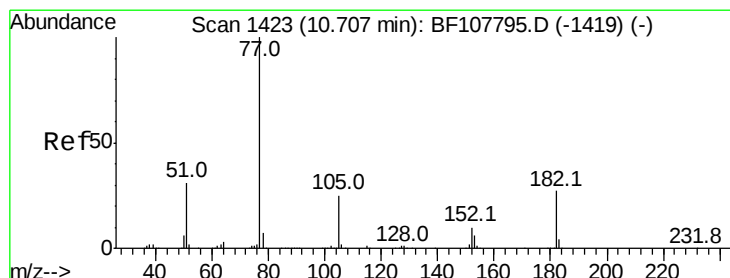
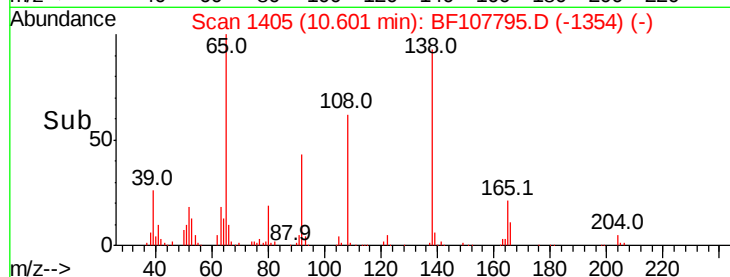
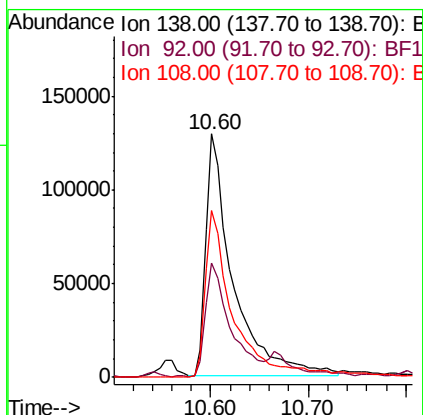
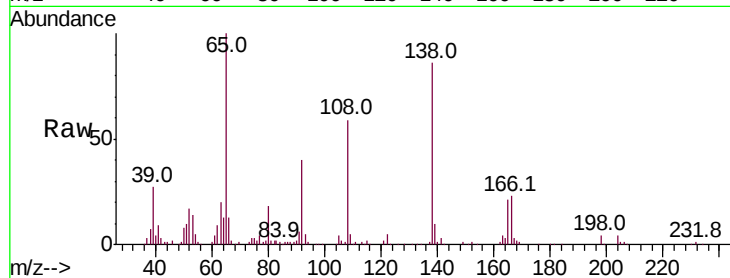




#61
4-Nitroaniline
Concen: 47.851 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

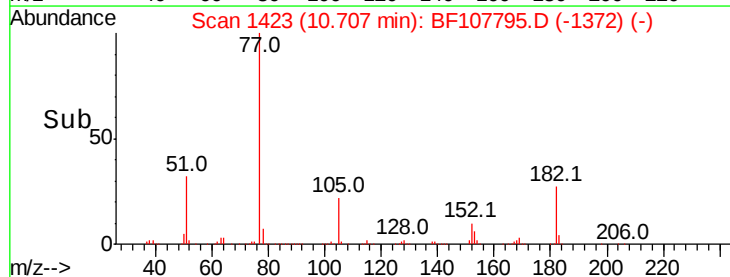
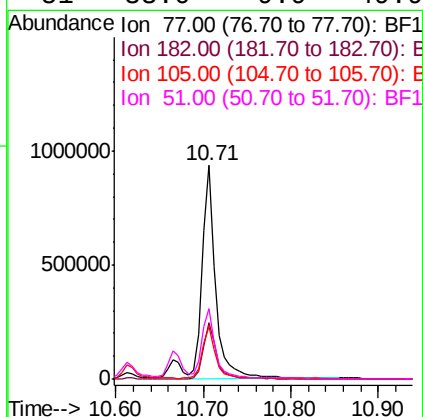
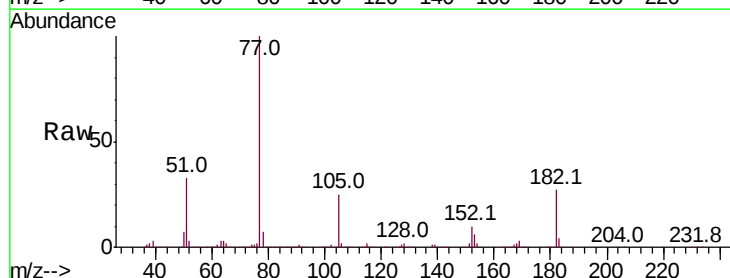
Instrument :
BNA_F
ClientSampleId :

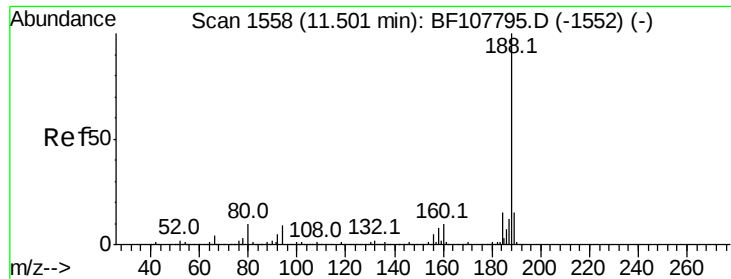
Tot Ion:138 Resp: 248063
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 68.6 52.5 92.5



#62
Azobenzene
Concen: 40.034 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion: 77 Resp: 1001572
Ion Ratio Lower Upper
77 100
182 26.5 1.7 41.7
105 24.9 3.0 43.0
51 33.0 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: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

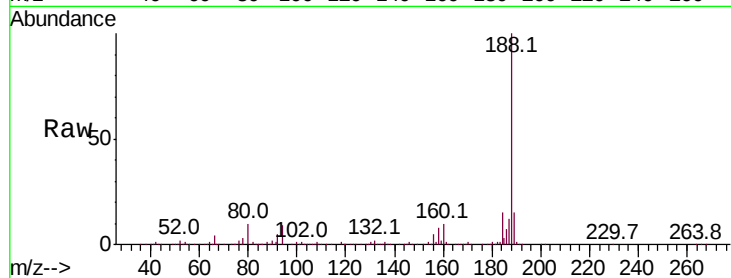
Tot Ion:188 Resp: 714796

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

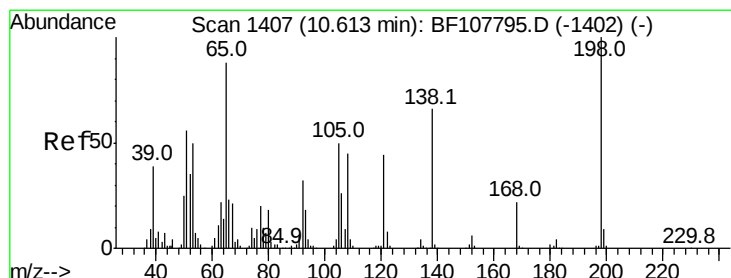
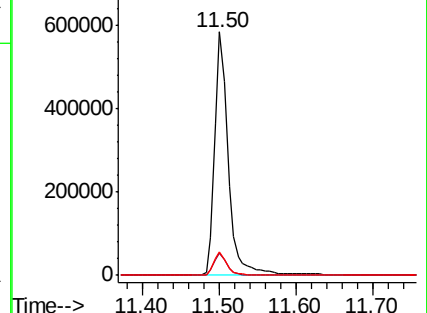
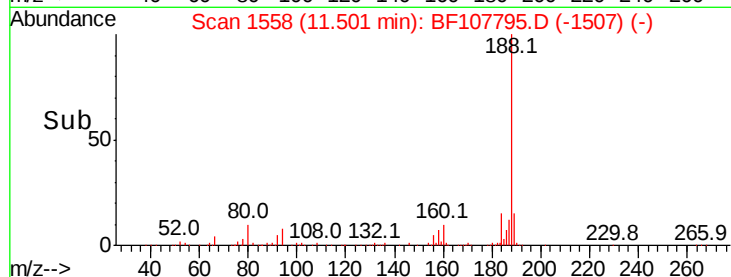
80 9.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 53.950 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

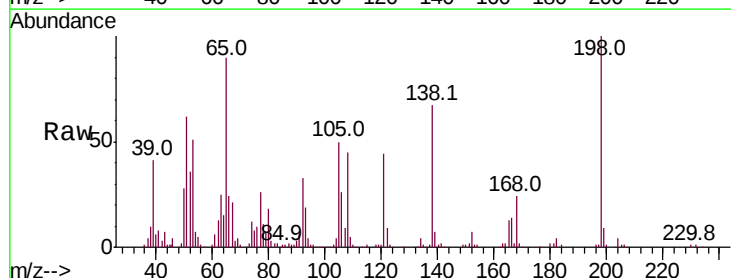
Tgt Ion:198 Resp: 161422

Ion Ratio Lower Upper

198 100

51 61.7 37.7 77.7

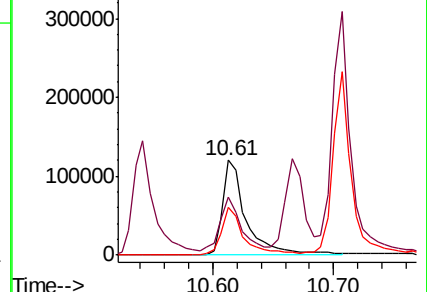
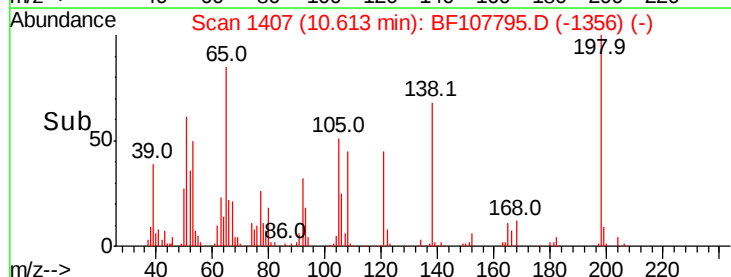
105 50.2 36.3 76.3

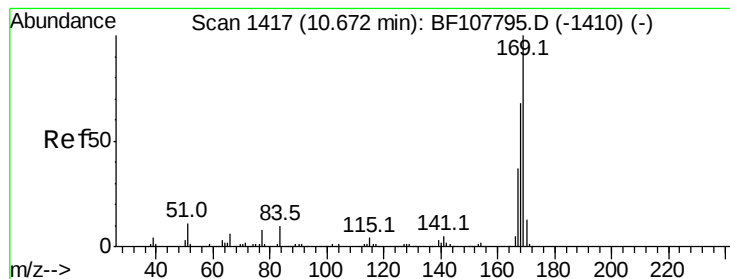


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.225 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

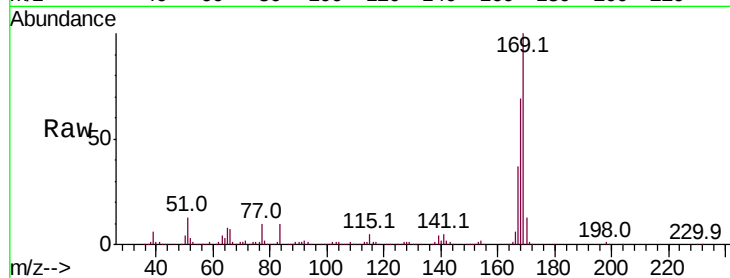
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 927950

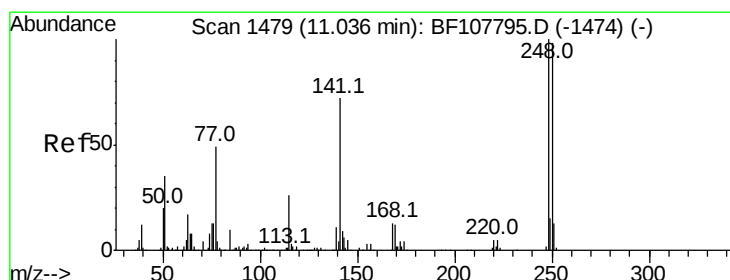
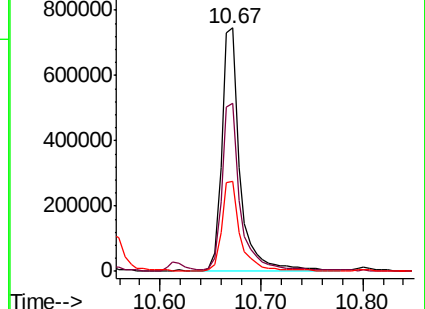
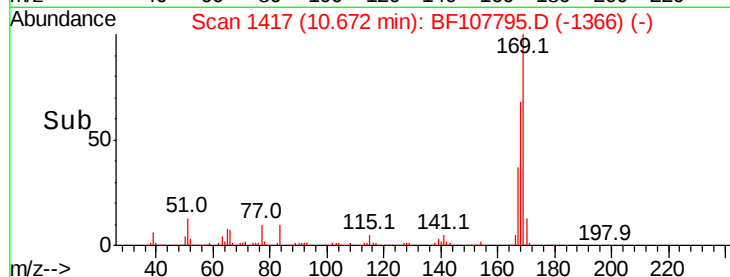
Ion	Ratio	Lower	Upper
169	100		
168	69.1	54.4	81.6
167	37.2	29.8	44.6



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: 38.404 ng

RT: 11.04 min Scan# 1479

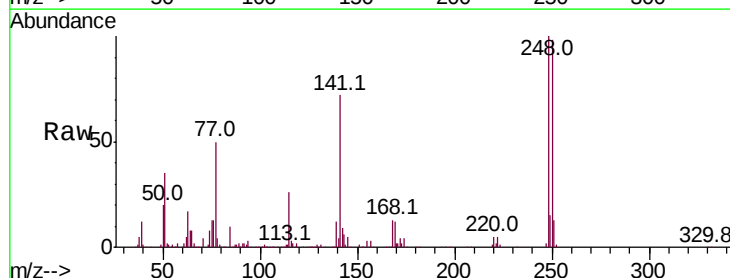
Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Tgt Ion:248 Resp: 323145

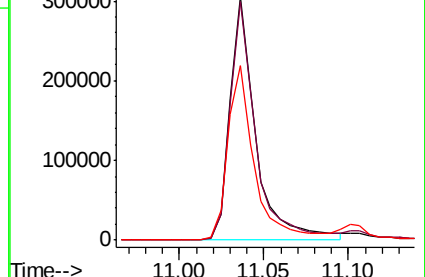
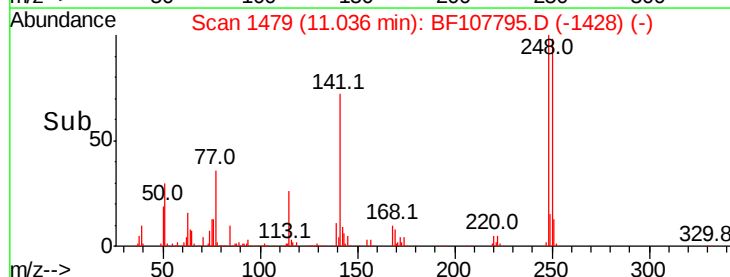
Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	71.9	74.4	111.6

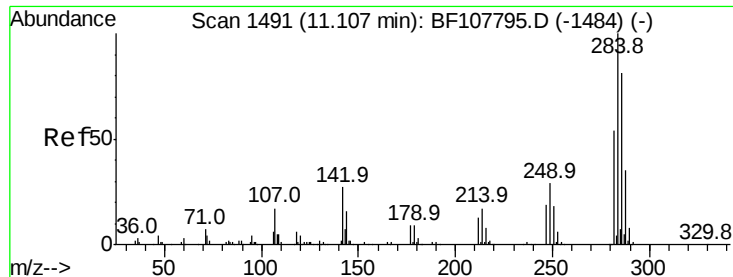


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.636 ng

RT: 11.11 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

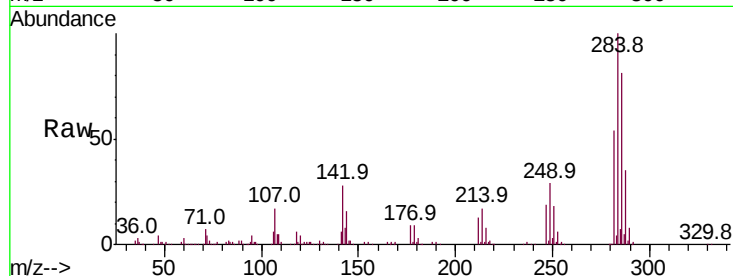
Tot Ion:284 Resp: 366965

Ion	Ratio	Lower	Upper
284	100		
142	27.8	34.6	52.0#
249	29.5	24.8	37.2

284 100

142 27.8 34.6 52.0#

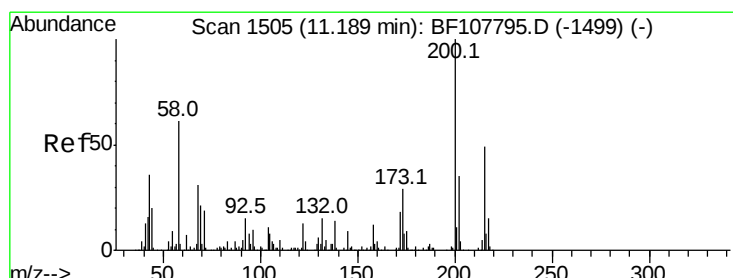
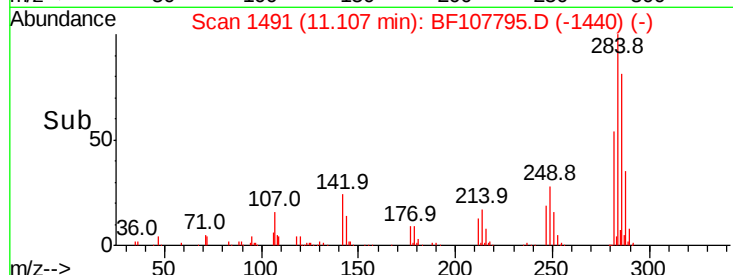
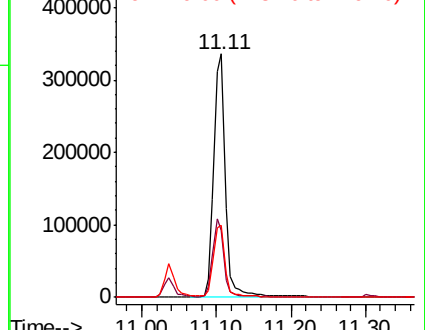
249 29.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.076 ng

RT: 11.19 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

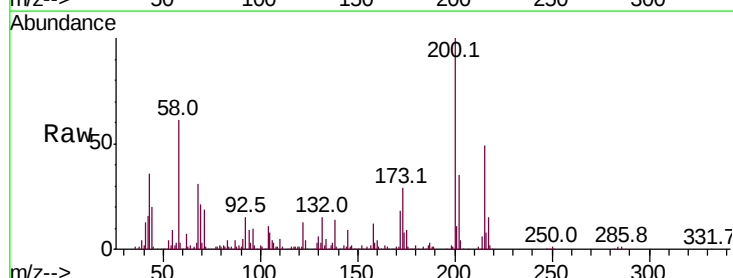
Tgt Ion:200 Resp: 282219

Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.6	48.6
215	48.7	25.1	65.1

200 100

173 28.7 8.6 48.6

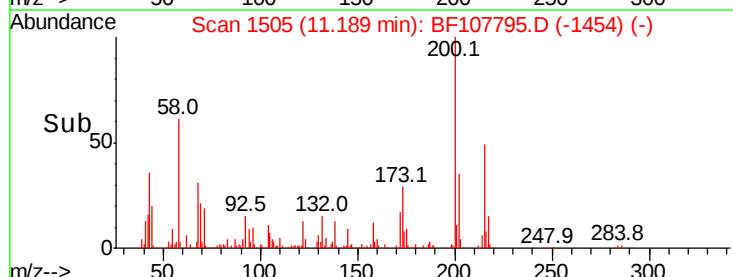
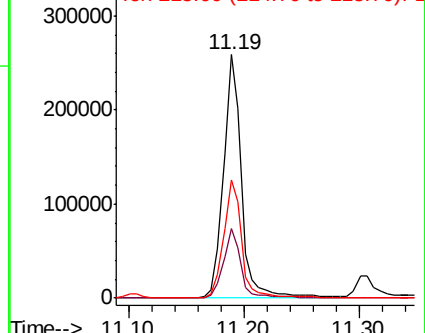
215 48.7 25.1 65.1

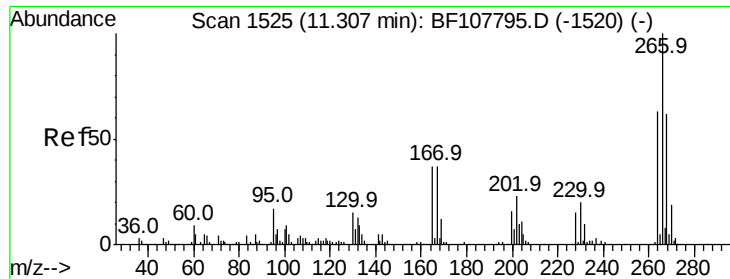


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

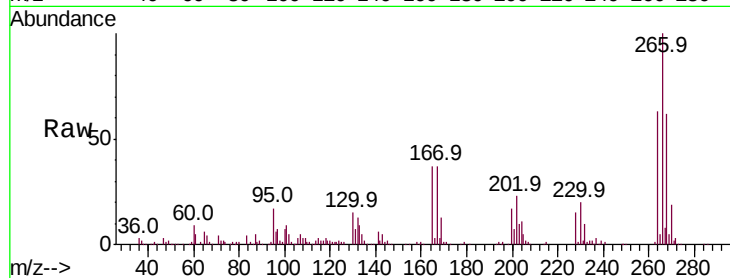




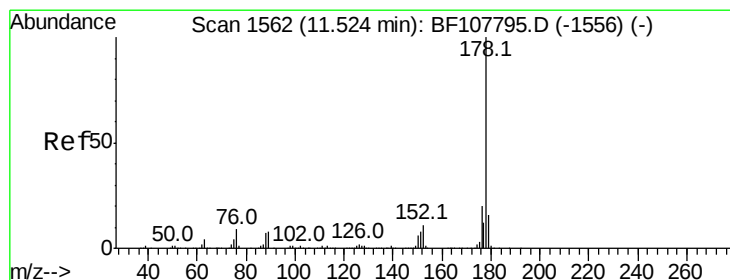
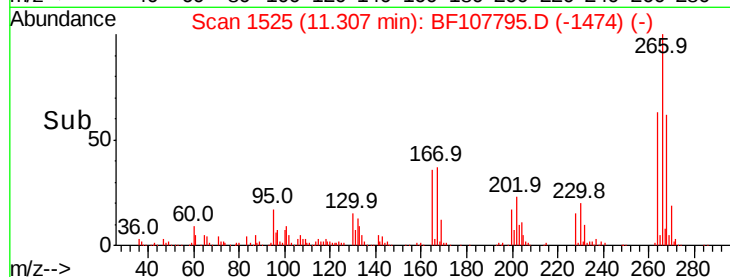
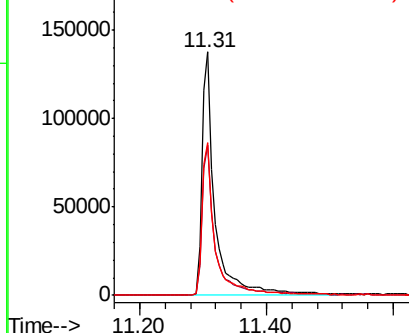
#69
 Pentachlorophenol
 Concen: 33.570 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	62.5	49.5	74.3

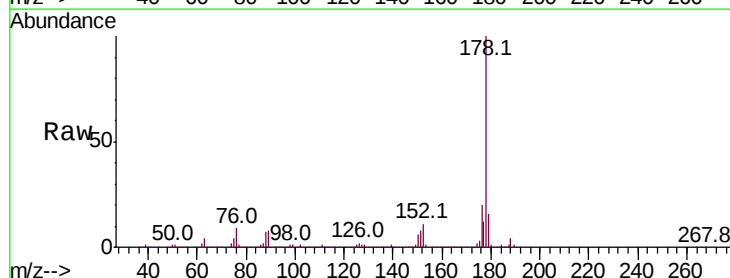


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

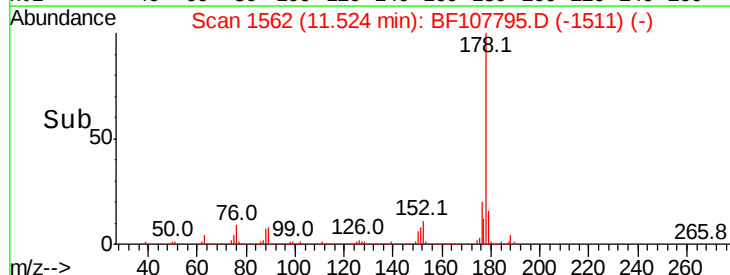
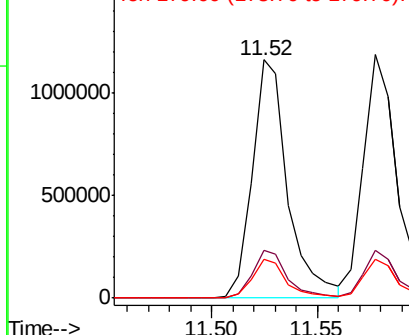


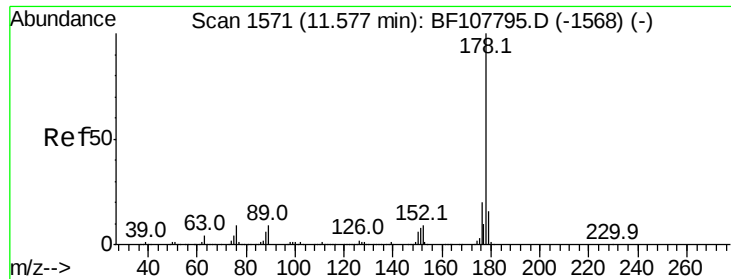
#70
 Phenanthrene
 Concen: 39.026 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.1	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

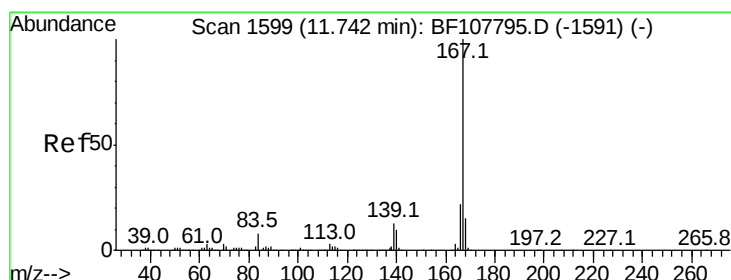
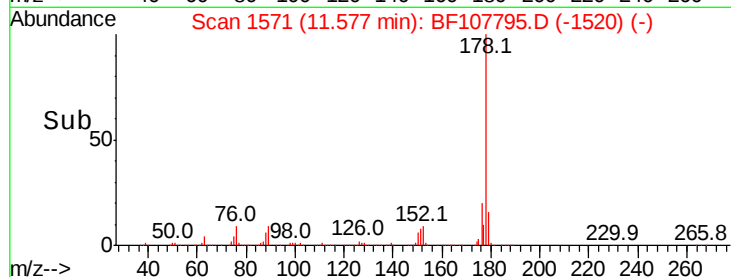
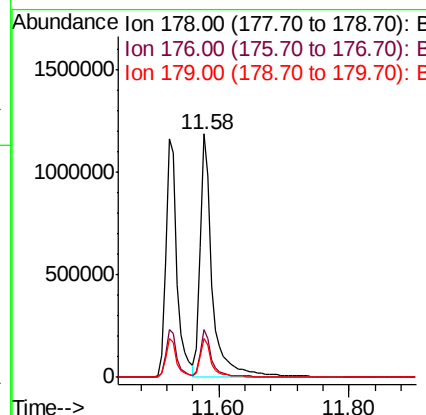
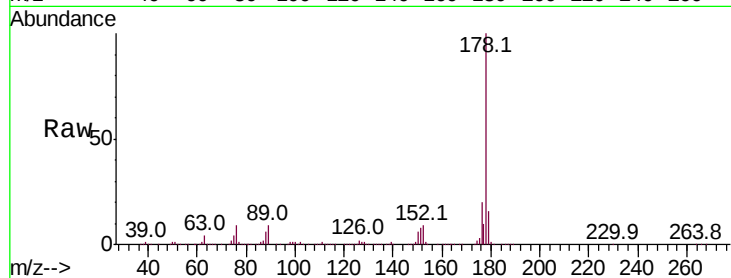




#71
 Anthracene
 Concen: 43.671 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

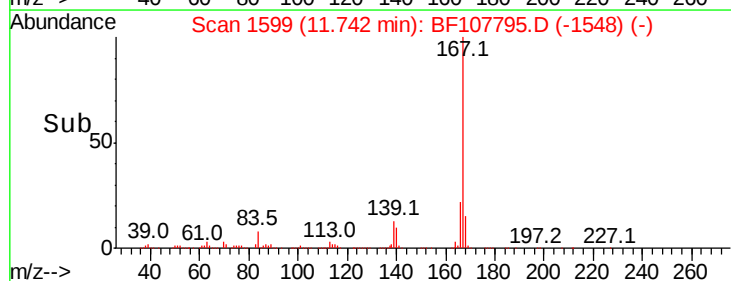
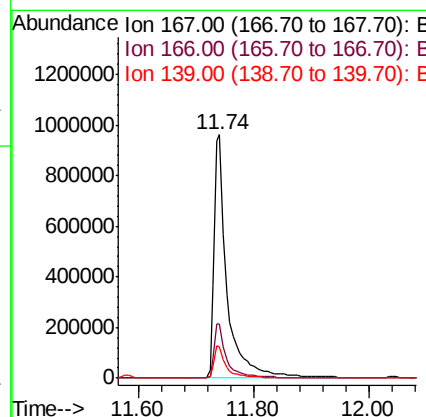
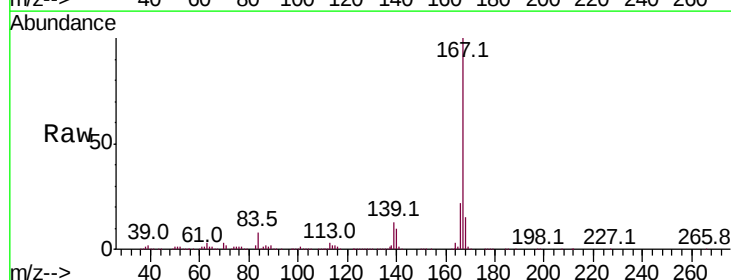
Instrument :
 BNA_F
 ClientSampleId :

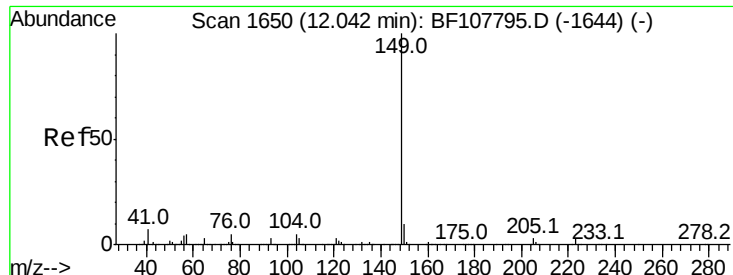
Tot Ion:178 Resp: 1531571
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 42.318 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion:167 Resp: 1543321
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.8 10.9 16.3

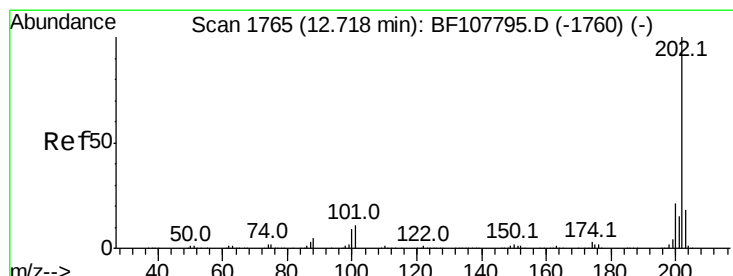
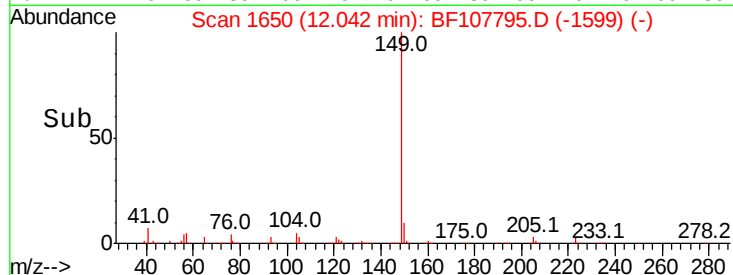
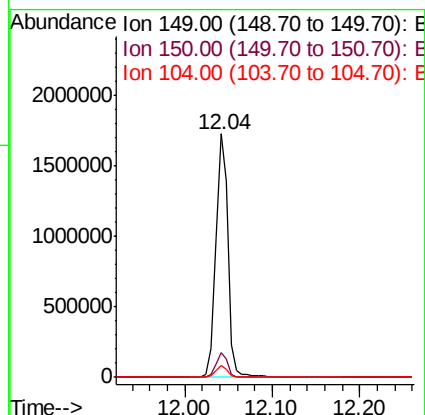
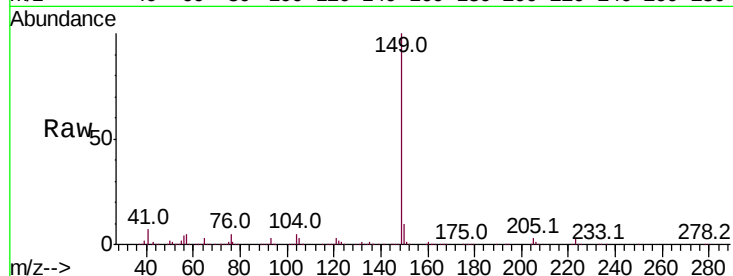




#73
Di-n-butylphthalate
Concen: 40.390 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

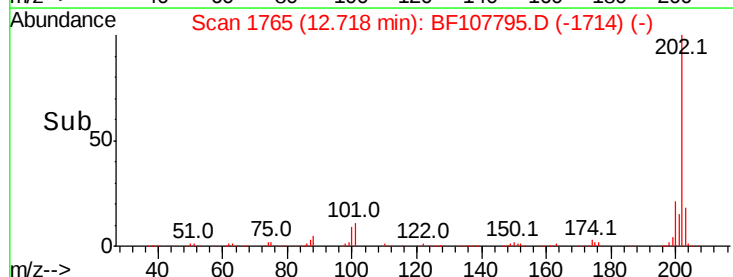
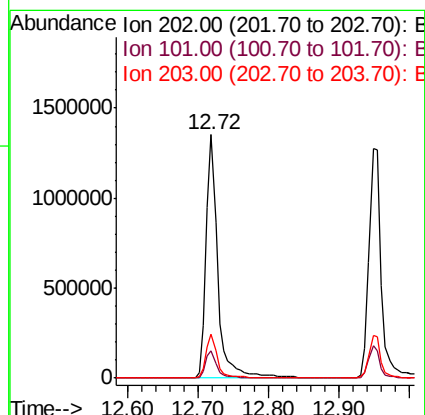
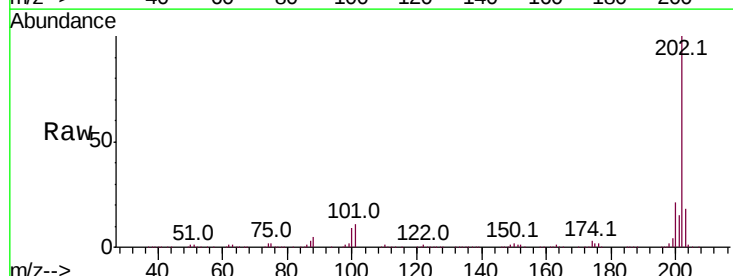
Instrument :
BNA_F
ClientSampled :

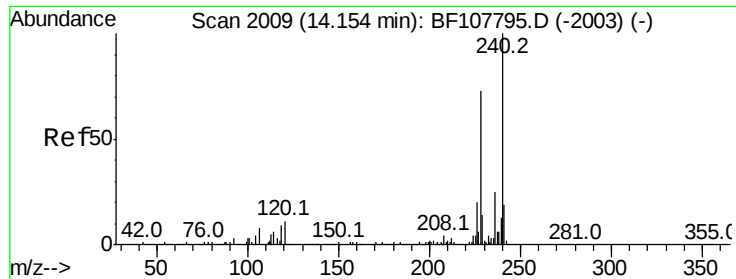
Tot Ion:149 Resp: 1667583
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 41.882 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:202 Resp: 1565450
Ion Ratio Lower Upper
202 100
101 11.0 0.0 34.1
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

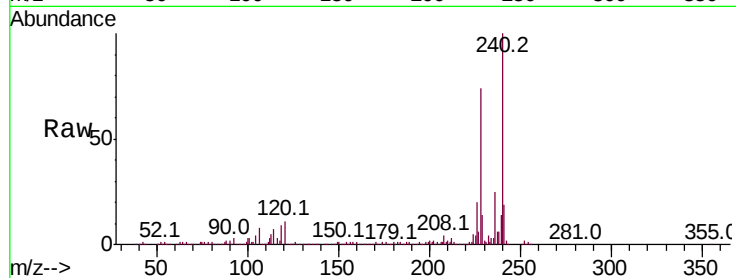
Tot Ion:240 Resp: 555485

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.3	20.7	31.1

240 100

120 10.5 9.5 14.3

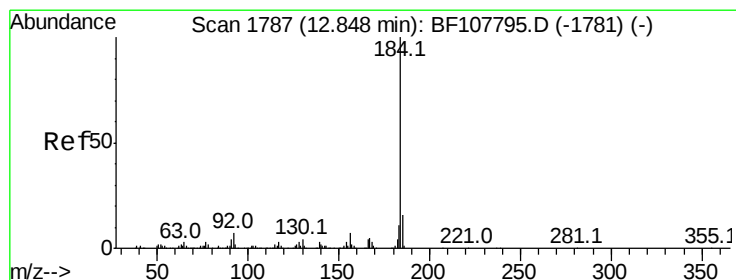
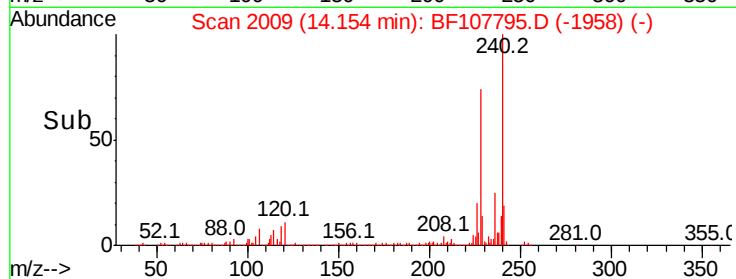
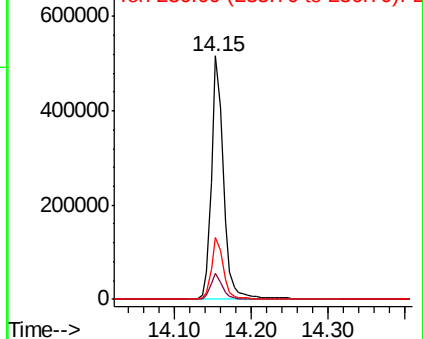
236 25.3 20.7 31.1



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: 47.064 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

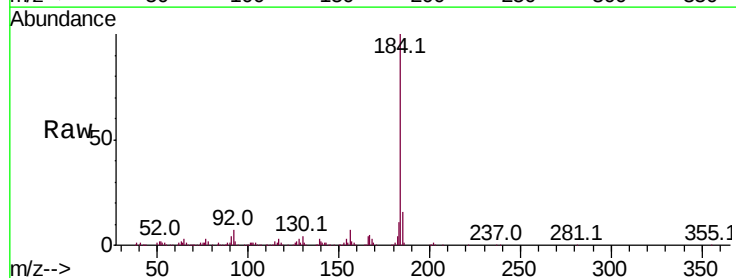
Tgt Ion:184 Resp: 752887

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.6	18.8
183	10.9	9.3	13.9

184 100

185 16.1 12.6 18.8

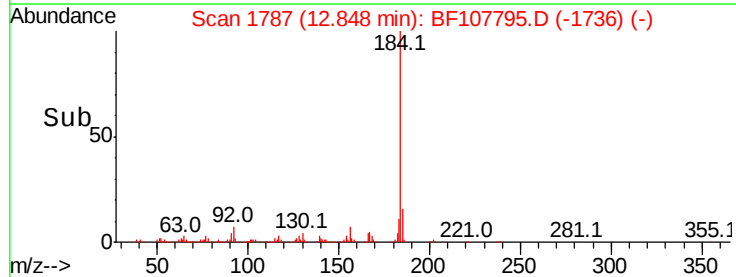
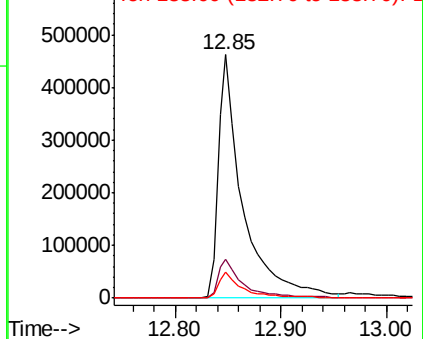
183 10.9 9.3 13.9

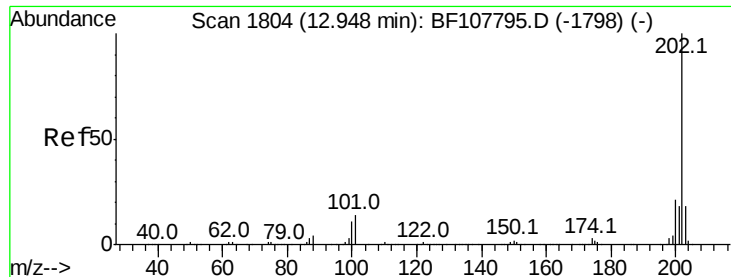


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



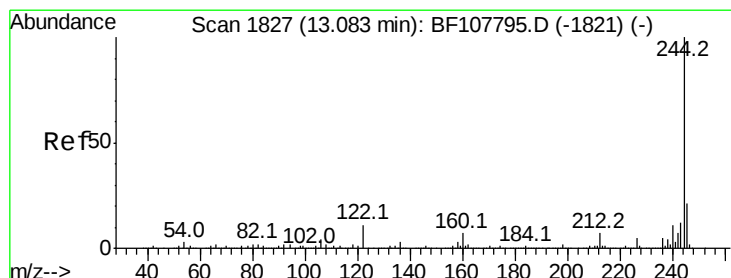
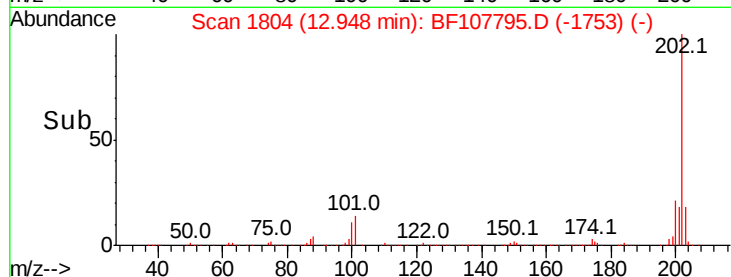
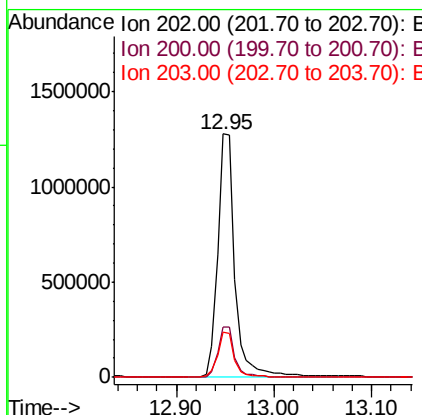
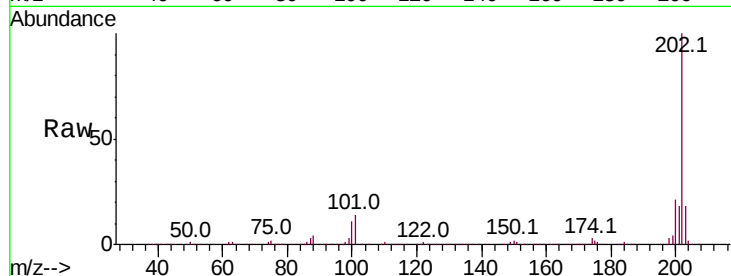


#77
Pvrene
Concen: 41.013 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1558312

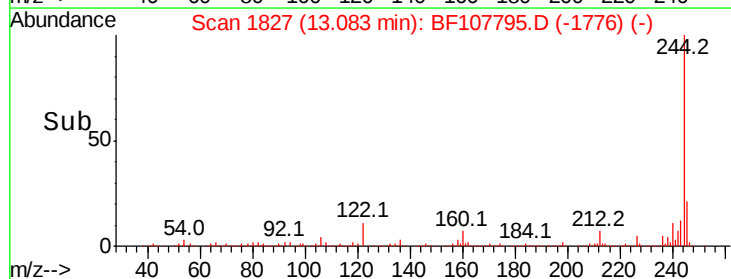
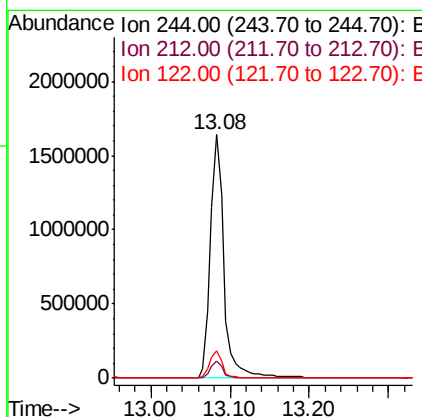
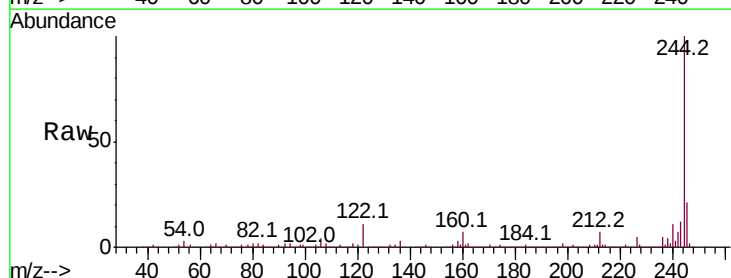
Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.5	14.3	21.5

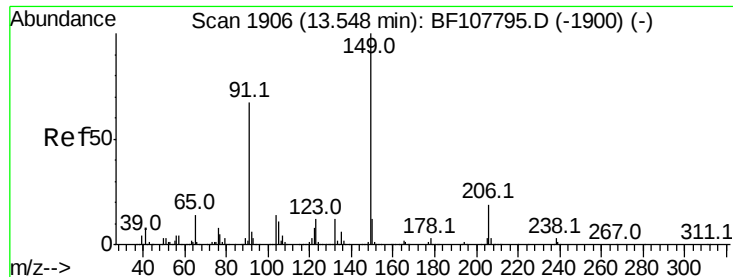


#78
Terphenyl-d14
Concen: 90.605 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:244 Resp: 1965935

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.4	11.0	16.4

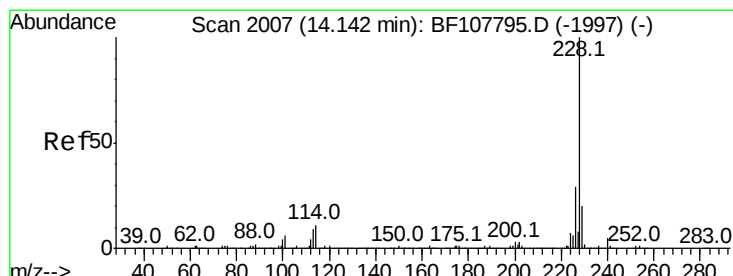
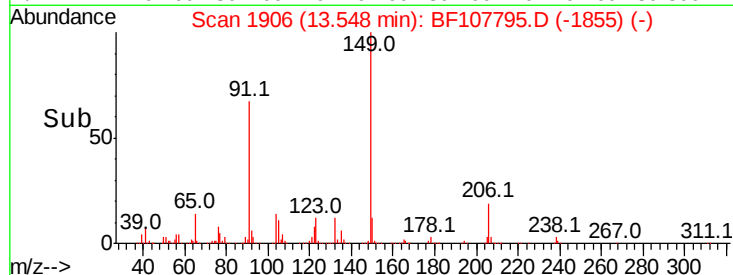
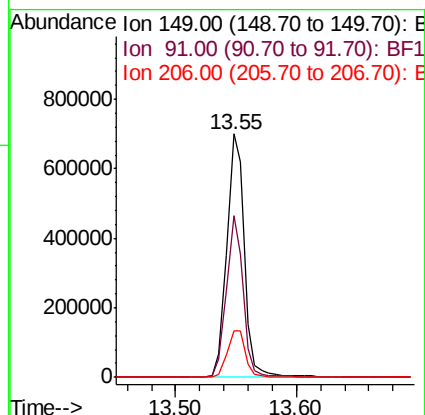
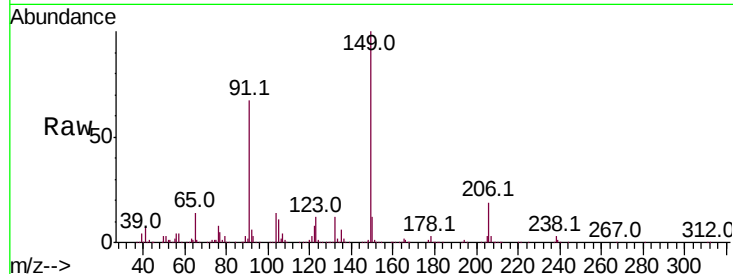




#79
Butylbenzylphthalate
Concen: 43.209 ng
RT: 13.55 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

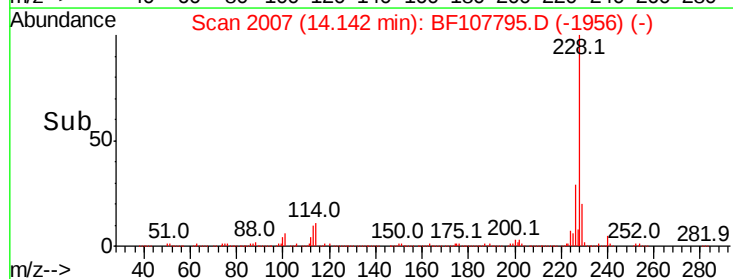
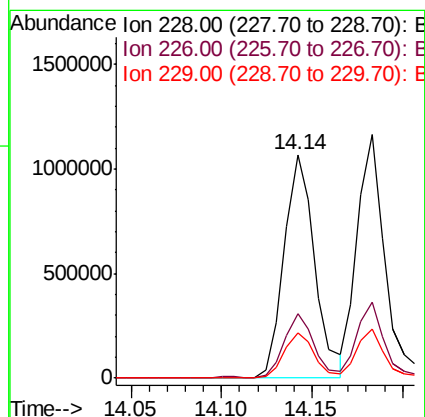
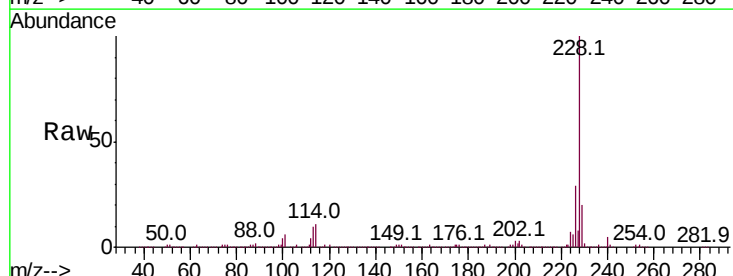
Instrument :
BNA_F
ClientSampleId :

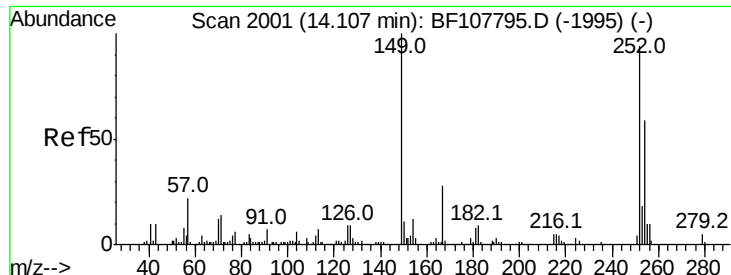
Tot Ion:149 Resp: 706046
Ion Ratio Lower Upper
149 100
91 66.6 56.8 85.2
206 19.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.880 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:228 Resp: 1265645
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.0 15.8 23.6

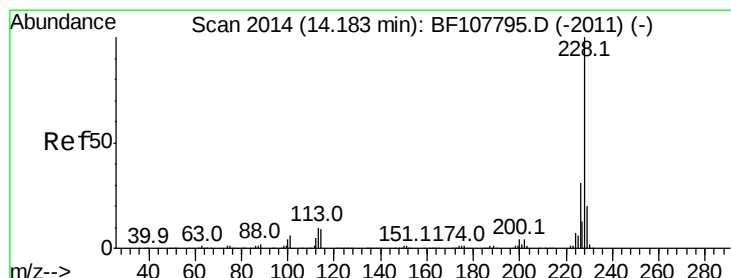
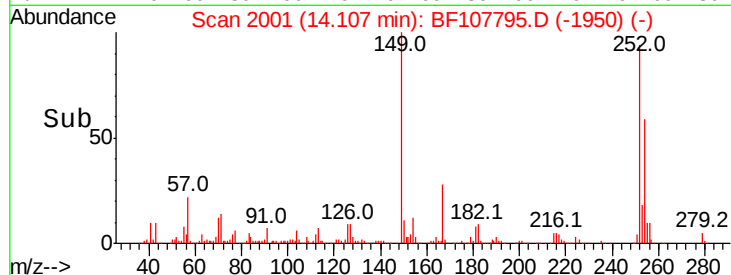
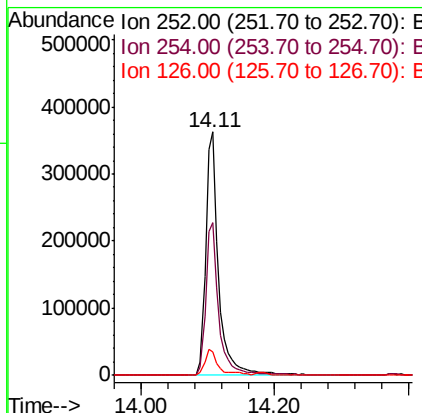
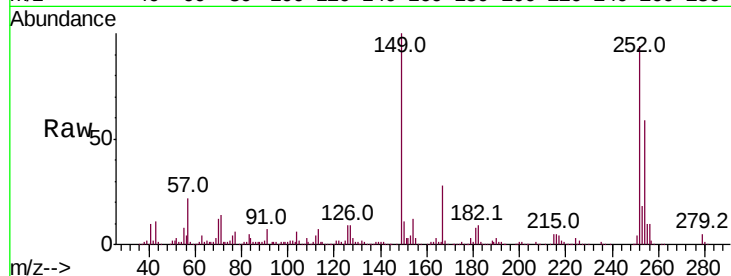




#81
 3,3'-Dichlorobenzidine
 Concen: 47.083 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

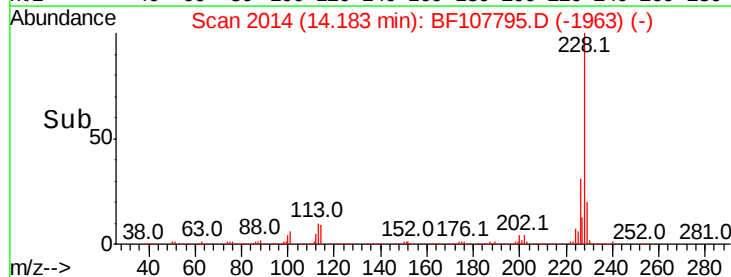
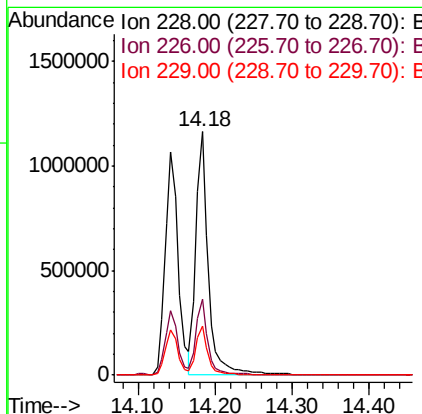
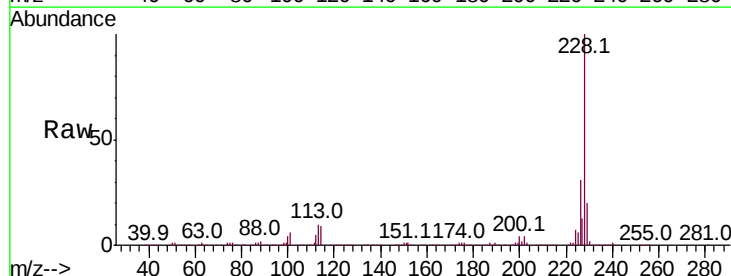
Instrument :
 BNA_F
 ClientSampled :

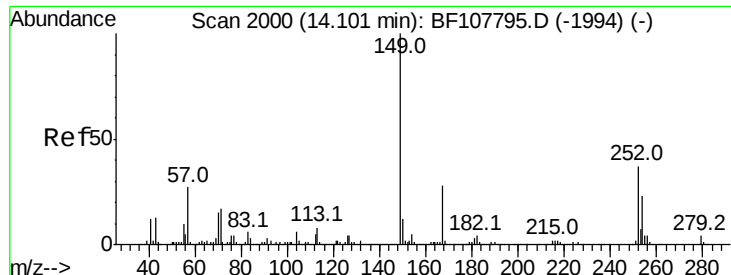
Tot Ion:252 Resp: 485304
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.4 75.6
 126 9.6 11.3 16.9#



#82
 Chrysene
 Concen: 42.421 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Tgt Ion:228 Resp: 1326510
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.827 ng

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

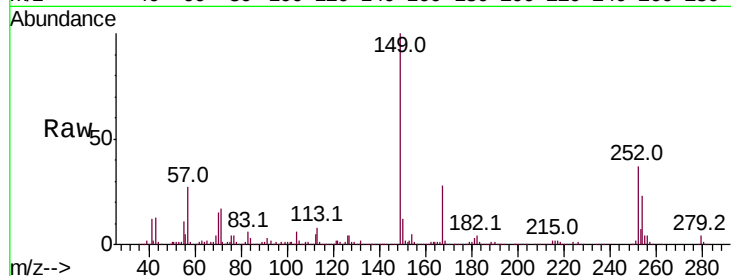
Tot Ion:149 Resp: 872146

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

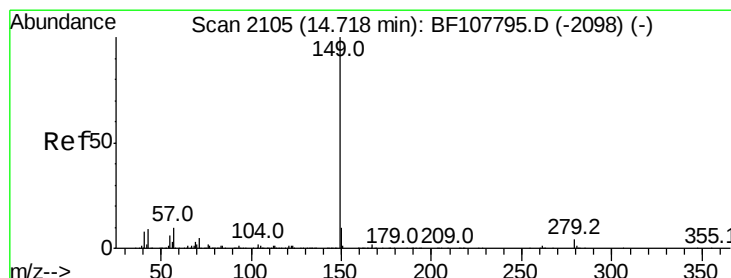
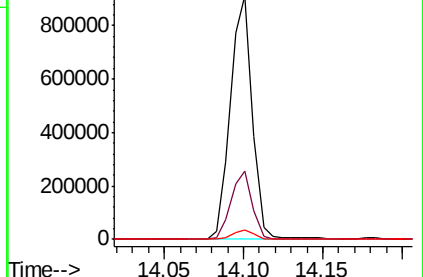
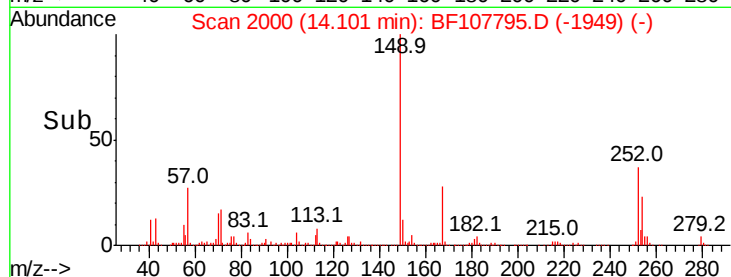
279 4.0 3.0 4.4



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: 39.872 ng

RT: 14.72 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

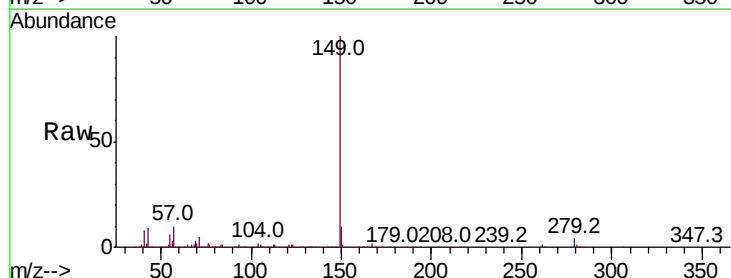
Tgt Ion:149 Resp: 1428900

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

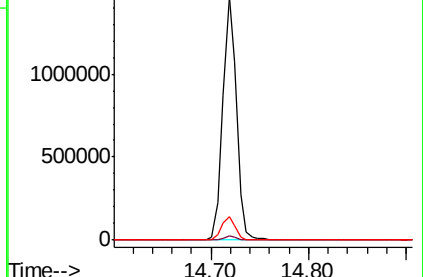
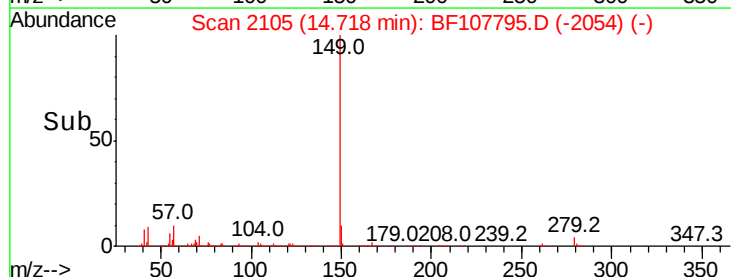
43 9.6 8.4 12.6

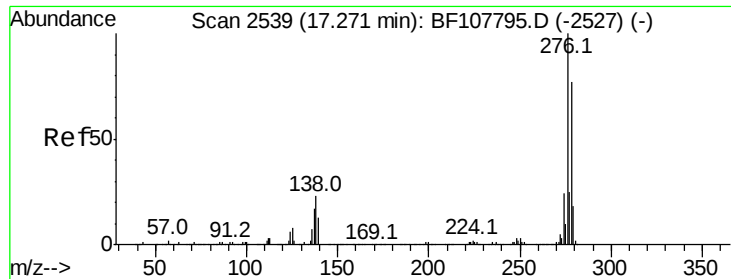


Abundance Ion 149.00 (148.70 to 149.70): E

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: 36.304 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF107795.D

Acq: 30 Jul 2018 12:36

Instrument :

BNA_F

ClientSampleId :

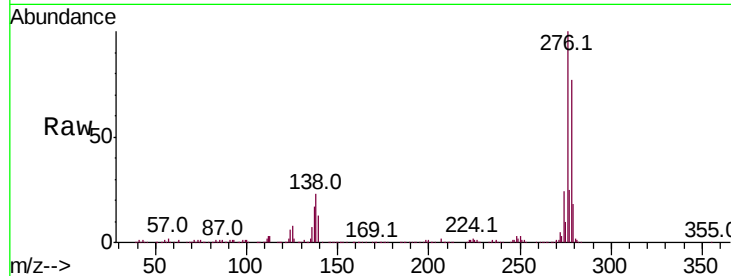
Tot Ion:276 Resp: 962135

Ion Ratio Lower Upper

276 100

138 24.1 25.0 37.6#

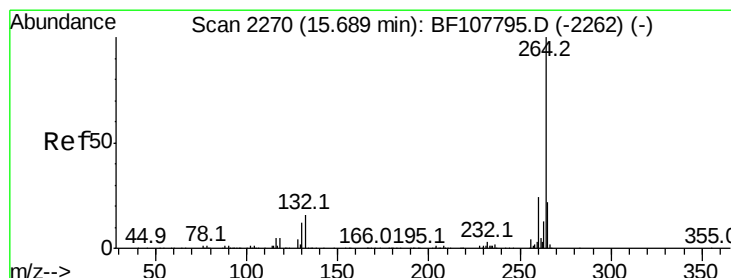
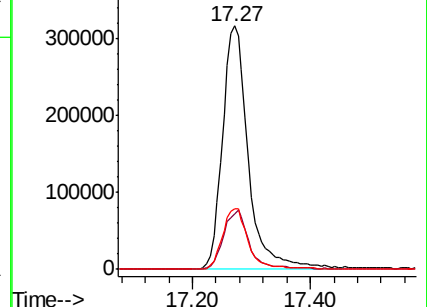
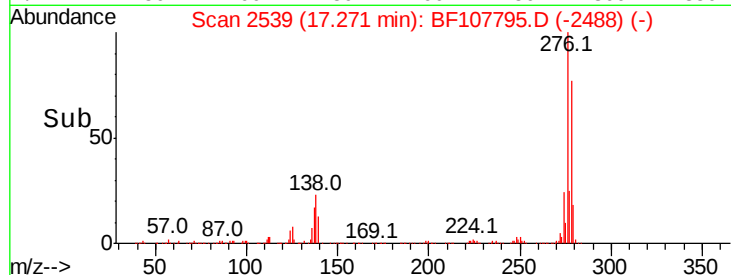
277 24.7 20.1 30.1



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: BF107795.D

Acq: 30 Jul 2018 12:36

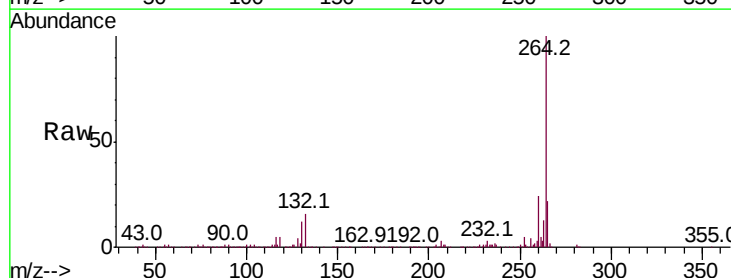
Tgt Ion:264 Resp: 473384

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

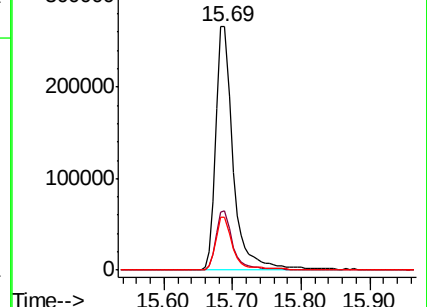
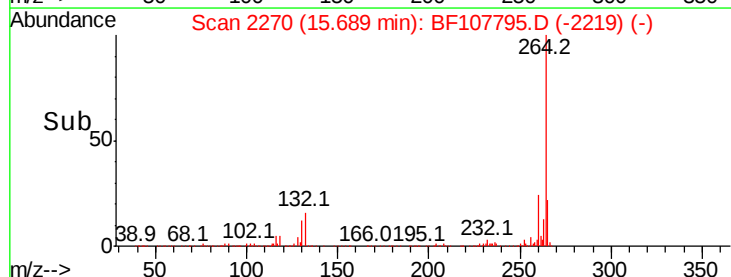
265 21.8 17.5 26.3

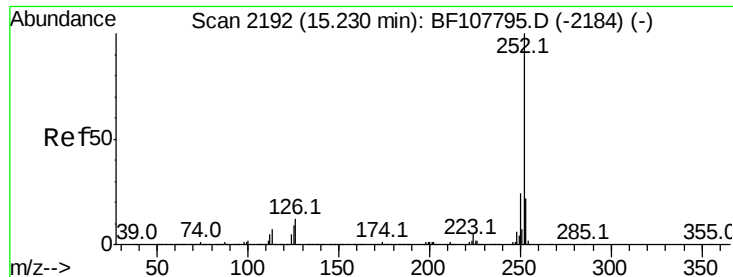


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

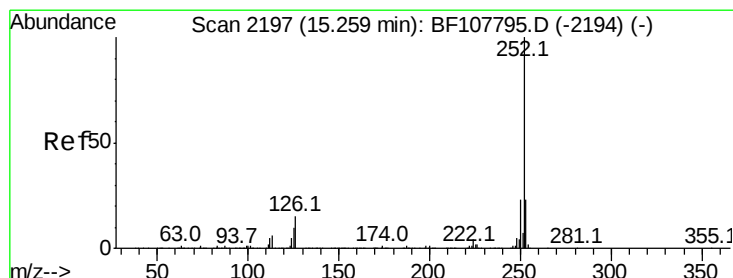
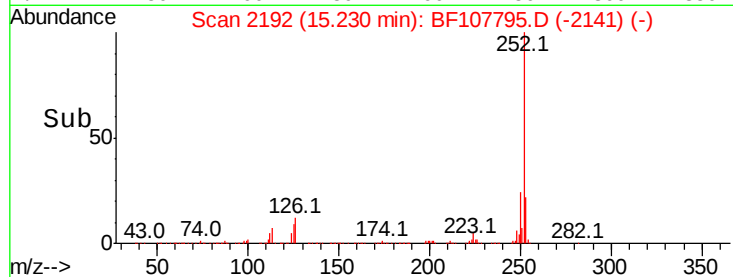
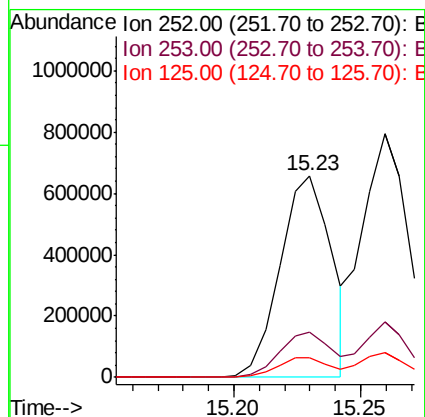
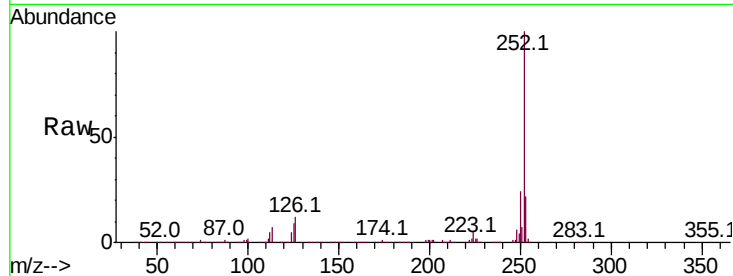




#87
Benzo(b)fluoranthene
Concen: 35.747 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

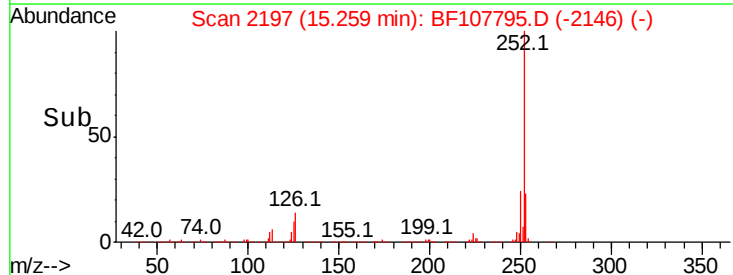
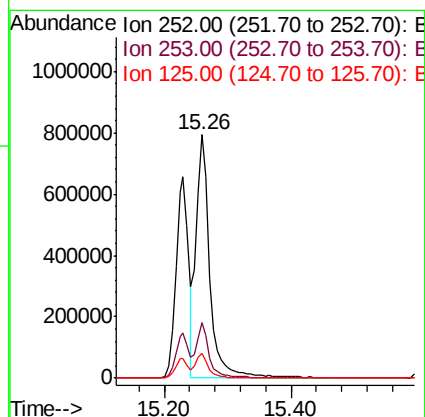
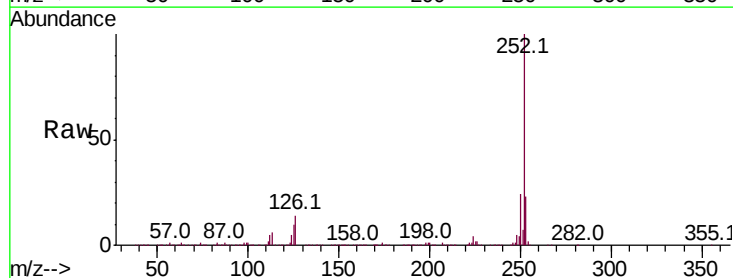
Instrument :
BNA_F
ClientSampleId :

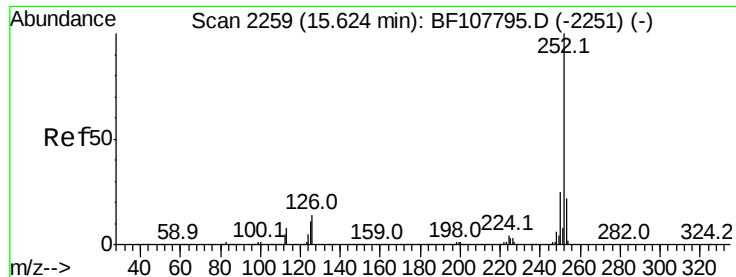
Tot Ion:252 Resp: 926114
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.029 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion:252 Resp: 1168317
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.0 10.2 15.2#

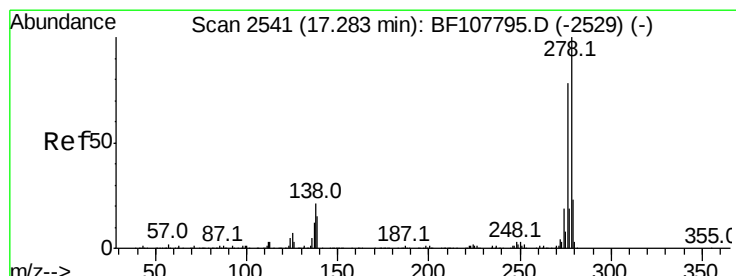
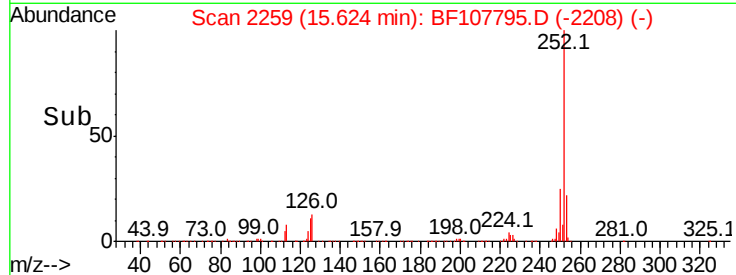
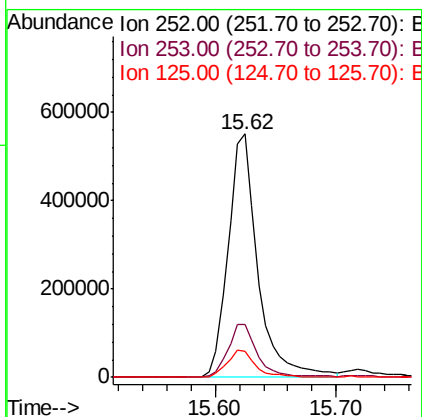
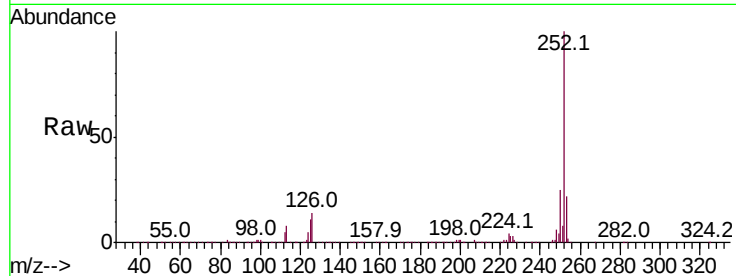




#89
Benzo(a)pyrene
Concen: 39.533 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

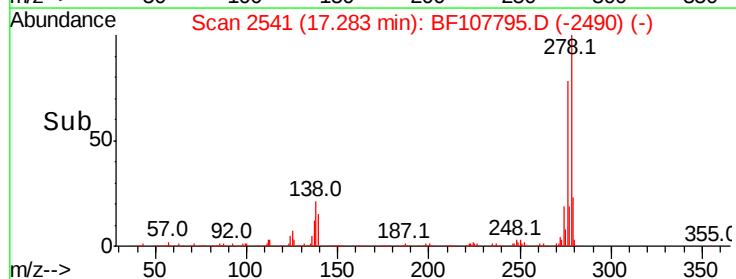
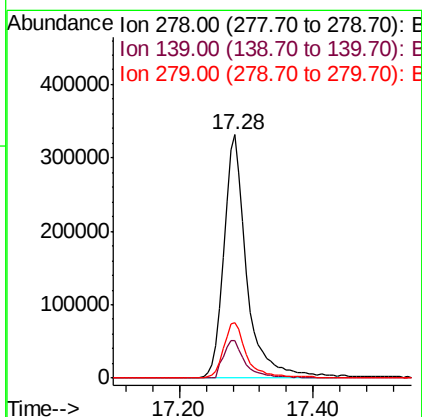
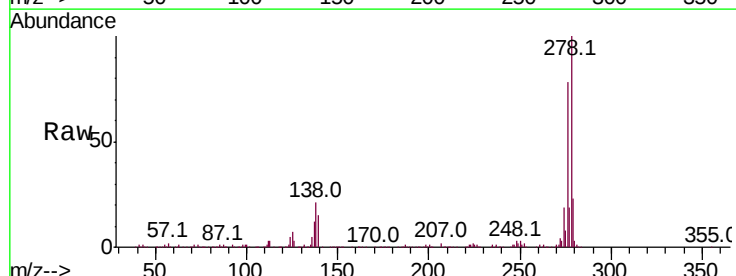
Instrument :
BNA_F
ClientSampleId :

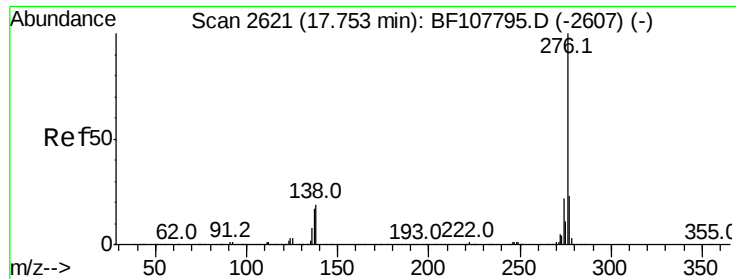
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.197 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF107795.D
Acq: 30 Jul 2018 12:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.9	23.9#
279	22.8	19.0	28.4

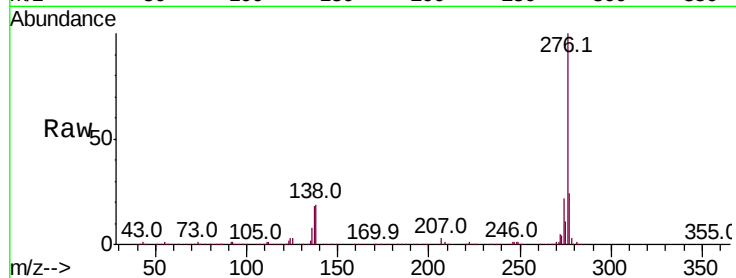




#91
 Benzo(a,h,i)perylene
 Concen: 38.661 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BF107795.D
 Acq: 30 Jul 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	19.4	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

