

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107798.D
 Acq On : 30 Jul 2018 13:55
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 30 14:18:04 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	158567	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	688953	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	310570	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	649497	20.00	ng	0.00
75) Chrysene-d12	14.16	240	427168	20.00	ng	0.00
86) Perylene-d12	15.68	264	376160	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1370046	138.92	ng	0.00
7) Phenol-d6	6.62	99	1722988	145.50	ng	0.01
23) Nitrobenzene-d5	7.54	82	1701246	166.65	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	628860	178.06	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2974601	145.63	ng	0.00
78) Terphenyl-d14	13.09	244	2873324	172.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	342825	74.683	ng	# 85
3) Pyridine	3.61	79	830866	66.533	ng	# 82
4) n-Nitrosodimethylamine	3.59	42	273130	51.858	ng	# 93
6) Aniline	6.64	93	1031259	67.520	ng	# 73
8) 2-Chlorophenol	6.76	128	842088	79.697	ng	# 94
9) Benzaldehyde	6.52	77	422359	54.536	ng	# 97
10) Phenol	6.63	94	944536	67.820	ng	# 75
11) bis(2-Chloroethyl)ether	6.71	93	733585	63.534	ng	# 94
12) 1,3-Dichlorobenzene	6.91	146	916464	76.502	ng	# 99
13) 1,4-Dichlorobenzene	6.98	146	1036940	84.452	ng	# 100
14) 1,2-Dichlorobenzene	7.14	146	891630	80.919	ng	# 99
15) Benzyl Alcohol	7.12	79	585840	72.588	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1242452	63.783	ng	# 66
17) 2-Methylphenol	7.23	107	657706	73.237	ng	# 81
18) Hexachloroethane	7.47	117	339150	78.751	ng	# 96
19) n-Nitroso-di-n-propylamine	7.38	70	561894	73.449	ng	# 97
20) 3+4-Methylphenols	7.38	107	736516	69.067	ng	# 68
22) Acetophenone	7.38	105	1132346	69.984	ng	# 87
24) Nitrobenzene	7.56	77	911302	77.938	ng	# 97
25) Isophorone	7.79	82	1483353	68.053	ng	# 98
26) 2-Nitrophenol	7.87	139	512222	103.737	ng	# 99
27) 2,4-Dimethylphenol	7.90	122	644817	68.990	ng	# 99
28) bis(2-Chloroethoxy)methane	8.00	93	1012533	69.510	ng	# 99
29) 2,4-Dichlorophenol	8.11	162	741448	77.613	ng	# 99
30) 1,2,4-Trichlorobenzene	8.19	180	808596	75.361	ng	# 98
31) Naphthalene	8.27	128	2146999	70.867	ng	# 98
32) Benzoic acid	8.08	122	494881	86.434	ng	# 98
33) 4-Chloroaniline	8.32	127	1029415	77.740	ng	# 98
34) Hexachlorobutadiene	8.37	225	472203	74.063	ng	# 98
35) Caprolactam	8.73	113	216259	69.598	ng	# 78
36) 4-Chloro-3-methylphenol	8.82	107	794265	74.847	ng	# 98
37) 2-Methylnaphthalene	8.96	142	1512761	72.057	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	819288	79.091	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	369456	70.161	ng	# 98

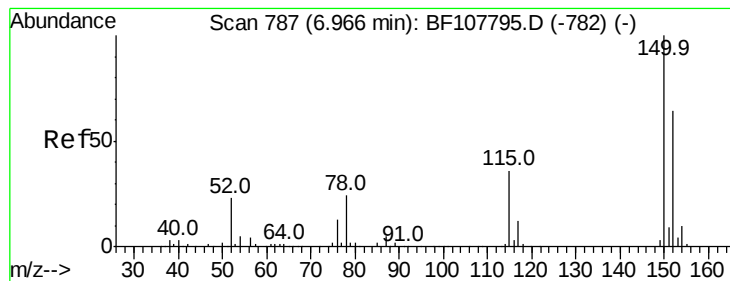
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
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 QLast Update : Mon Jul 30 13:05:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	511564	77.153	ng	98
43) 2,4,5-Trichlorophenol	9.30	196	549831	79.343	ng	96
45) 1,1'-Biphenyl	9.43	154	2041562	75.462	ng	96
46) 2-Chloronaphthalene	9.46	162	1590754	76.924	ng	99
47) 2-Nitroaniline	9.57	65	549930	91.218	ng	93
48) Acenaphthylene	9.88	152	2262465	72.831	ng	98
49) Dimethylphthalate	9.73	163	1772990	75.748	ng	99
50) 2,6-Dinitrotoluene	9.80	165	398299	85.708	ng	# 86
51) Acenaphthene	10.05	154	1335188	68.599	ng	99
52) 3-Nitroaniline	9.98	138	470678	83.254	ng	98
53) 2,4-Dinitrophenol	10.09	184	220494	147.165	ng	# 25
54) Dibenzofuran	10.22	168	2047276	71.447	ng	96
55) 4-Nitrophenol	10.16	139	227092	53.650	ng	95
56) 2,4-Dinitrotoluene	10.21	165	481195	85.781	ng	# 87
57) Fluorene	10.57	166	1588868	77.723	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	476894	82.688	ng	# 85
59) Diethylphthalate	10.42	149	1770740	72.436	ng	96
60) 4-Chlorophenyl-phenylether	10.55	204	874717	75.689	ng	93
61) 4-Nitroaniline	10.62	138	436450	91.886	ng	96
62) Azobenzene	10.71	77	1641576	71.615	ng	91
64) 4,6-Dinitro-2-methylphenol	10.63	198	297678	109.491	ng	84
65) n-Nitrosodiphenylamine	10.68	169	1519110	68.867	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	551240	72.098	ng	# 87
67) Hexachlorobenzene	11.11	284	616104	73.236	ng	# 90
68) Atrazine	11.20	200	442926	65.765	ng	95
69) Pentachlorophenol	11.31	266	368603	70.148	ng	99
70) Phenanthrene	11.53	178	2187470	69.114	ng	99
71) Anthracene	11.58	178	2422656	76.024	ng	97
72) Carbazole	11.74	167	2448904	73.900	ng	98
73) Di-n-butylphthalate	12.05	149	2538324	67.661	ng	98
74) Fluoranthene	12.72	202	2407167	70.876	ng	96
76) Benzidine	12.85	184	1122052	91.211	ng	# 94
77) Pyrene	12.95	202	2413267	82.593	ng	98
79) Butylbenzylphthalate	13.55	149	1070069	85.158	ng	90
80) Benzo(a)anthracene	14.15	228	1826724	72.973	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	629763	79.451	ng	96
82) Chrysene	14.19	228	1915771	79.669	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	1248968	70.444	ng	98
84) Di-n-octyl phthalate	14.72	149	1978556	71.793	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	1659116	81.408	ng	# 93
87) Benzo(b)fluoranthene	15.23	252	1444501	70.166	ng	97
88) Benzo(k)fluoranthene	15.23	252	1444501	71.619	ng	97
89) Benzo(a)pyrene	15.62	252	1408059	74.772	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	1373733	84.390	ng	# 96
91) Benzo(g,h,i)perylene	17.77	276	1392983	86.753	ng	# 91

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

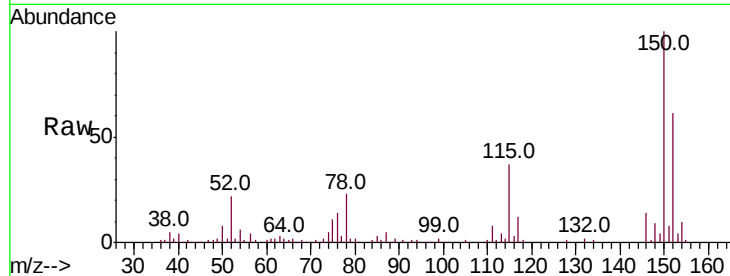


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.6	186.8
115	59.9	50.1	75.1

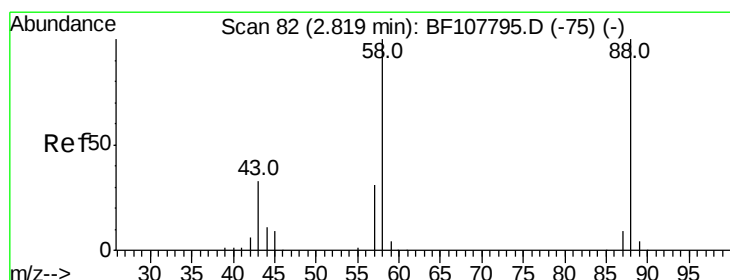
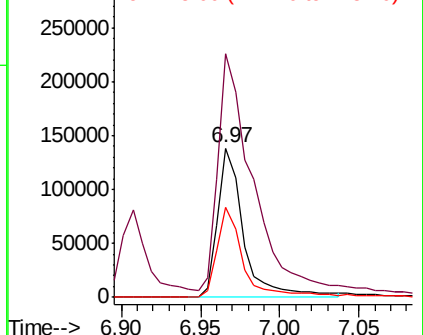
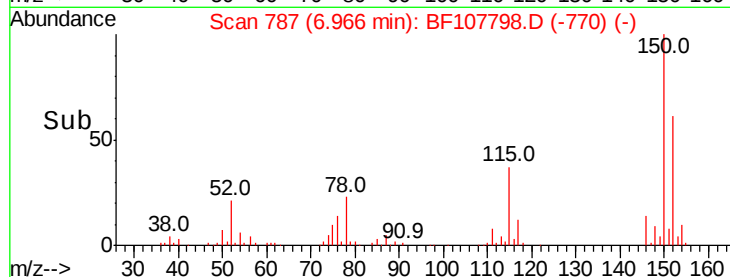


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

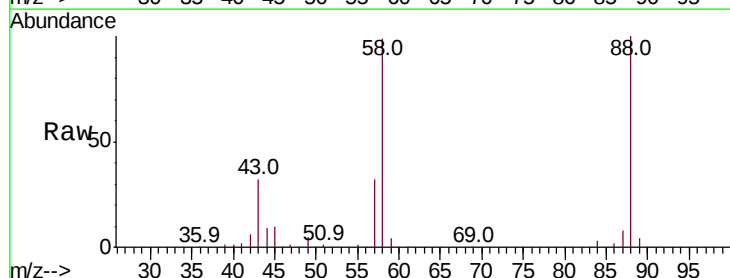
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 74.683 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.3	62.6	93.8#
43	31.7	24.6	37.0

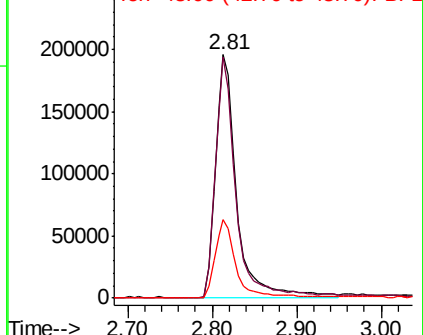
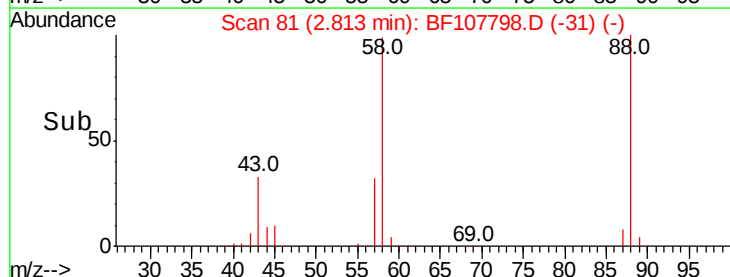


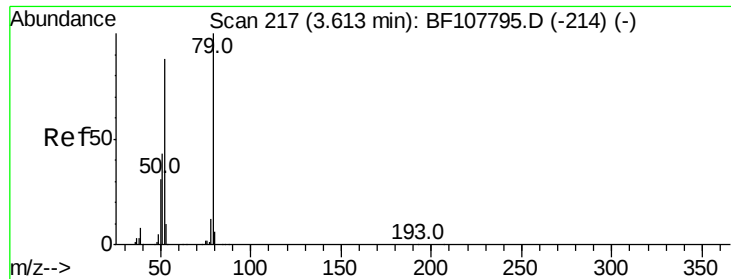
Abundance

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: 66.533 ng

RT: 3.61 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

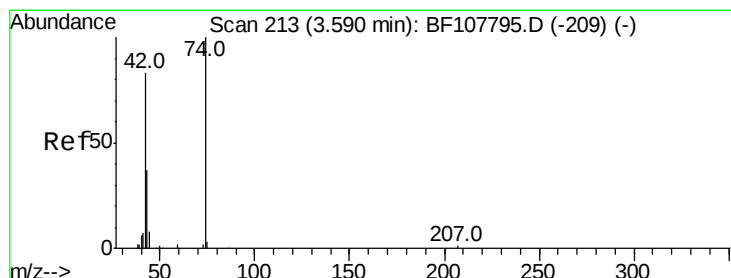
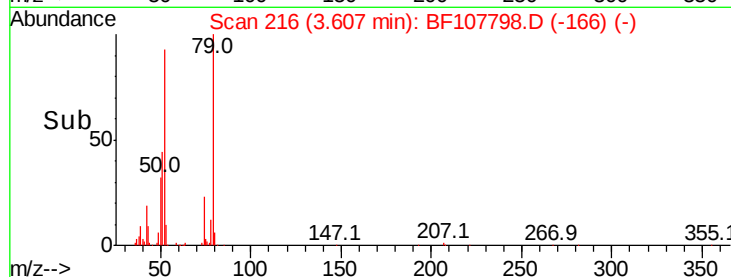
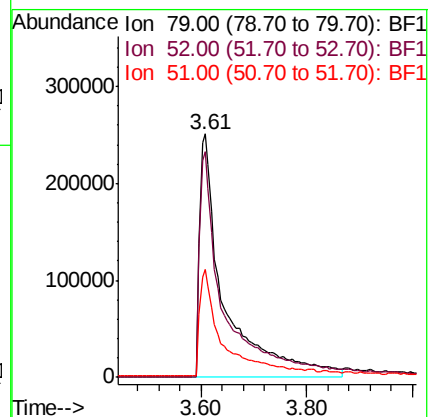
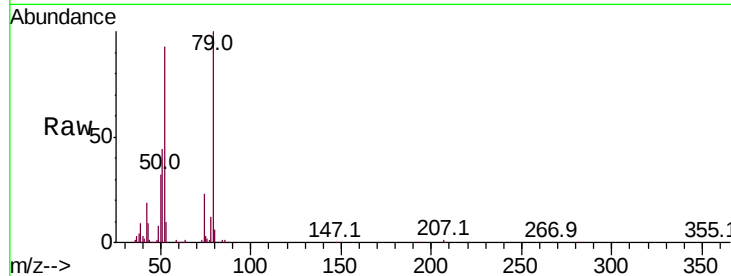
Tot Ion: 79 Resp: 830866

Ion Ratio Lower Upper

79 100

52 92.9 59.8 89.6#

51 44.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 51.858 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.00 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

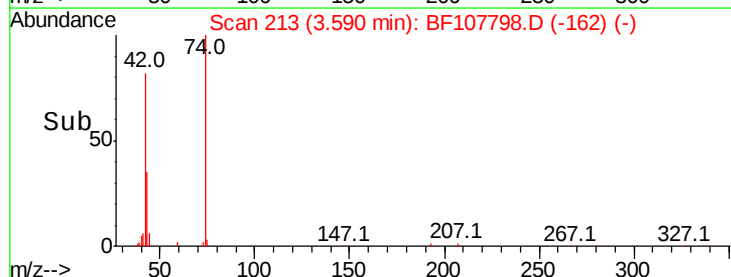
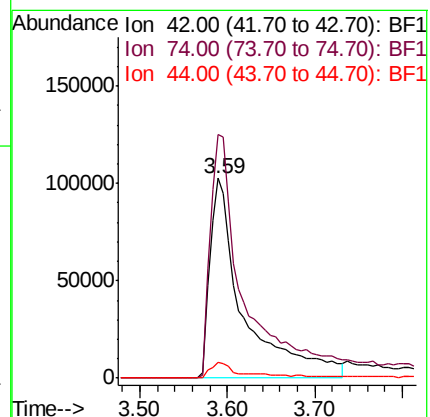
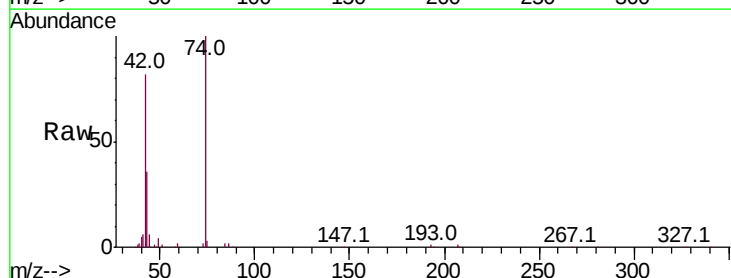
Tgt Ion: 42 Resp: 273130

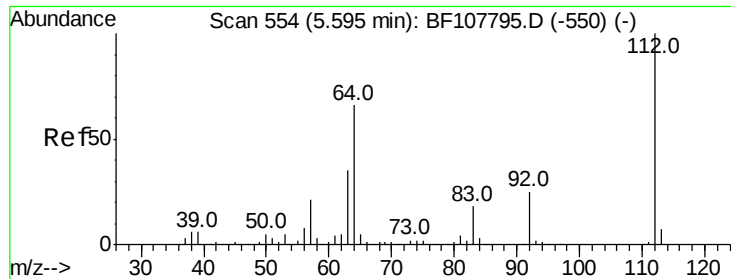
Ion Ratio Lower Upper

42 100

74 122.0 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 138.917 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampled :

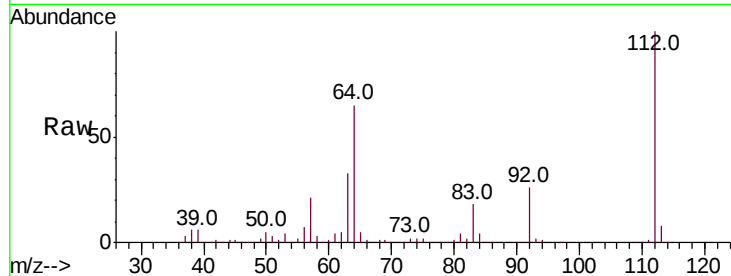
Tot Ion:112 Resp: 1370046

Ion Ratio Lower Upper

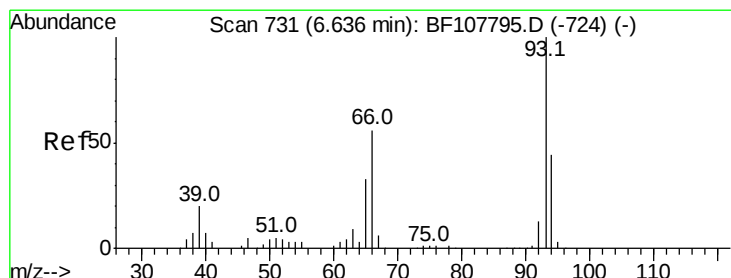
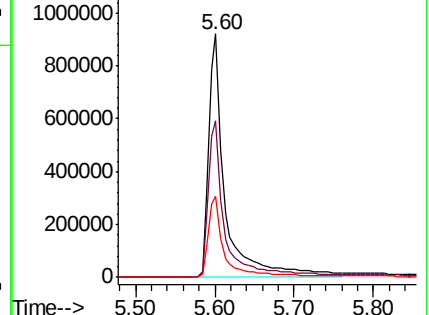
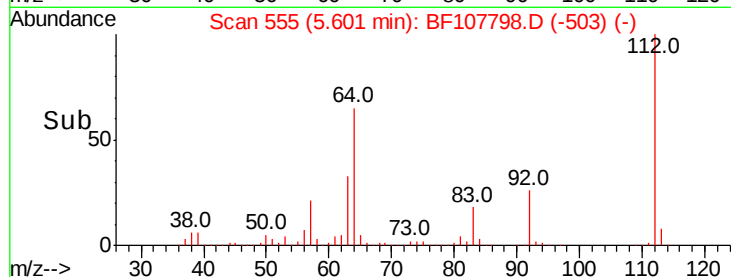
112 100

64 64.6 47.9 71.9

63 33.2 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: 67.520 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

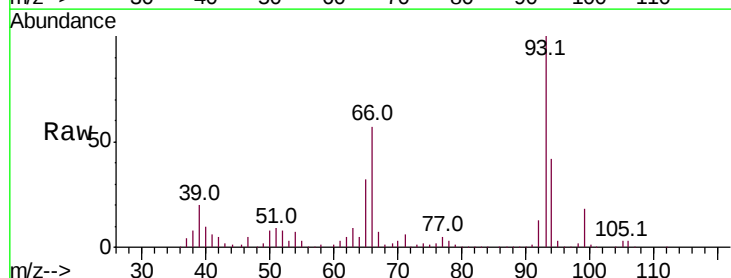
Tgt Ion: 93 Resp: 1031259

Ion Ratio Lower Upper

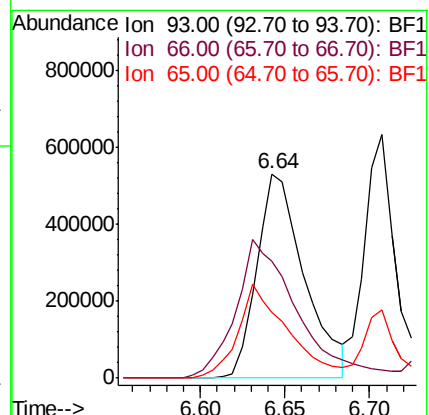
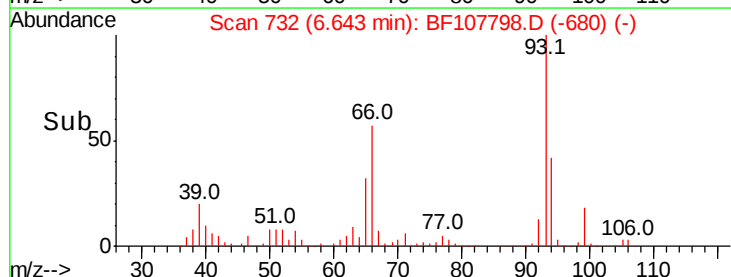
93 100

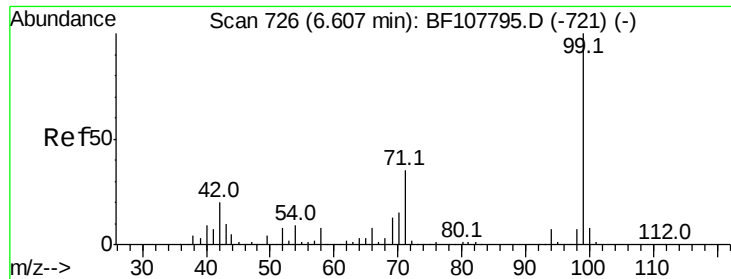
66 57.1 32.2 48.2#

65 32.2 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: 145.497 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampled :

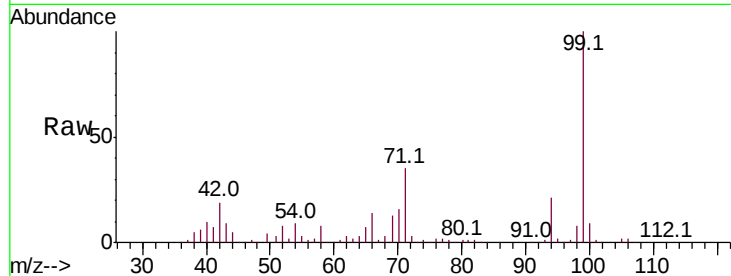
Tot Ion: 99 Resp: 1722988

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

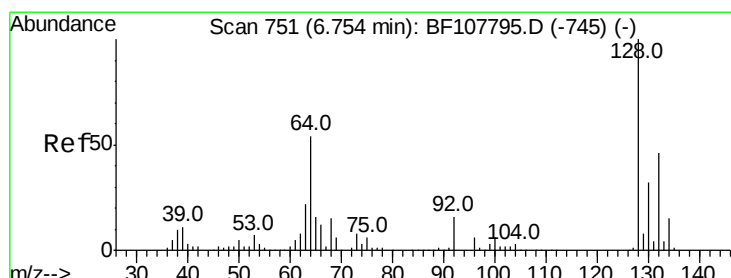
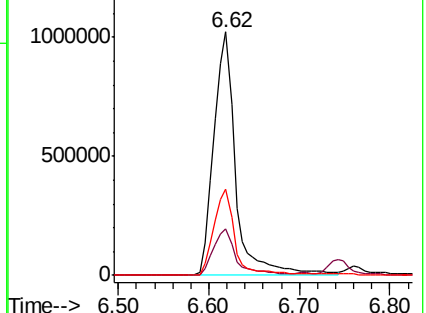
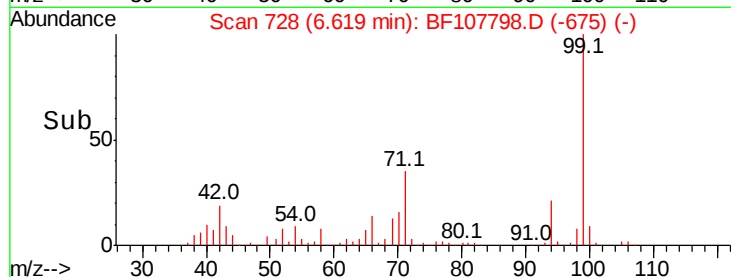
71 35.2 25.4 38.0



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: 79.697 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

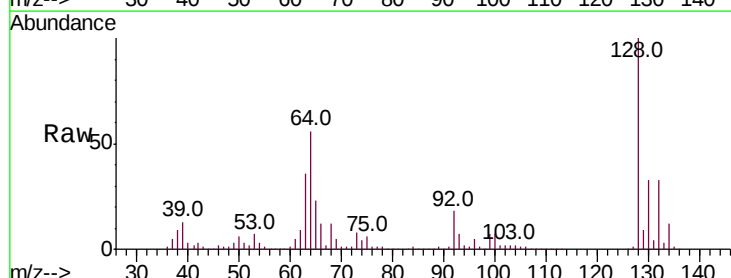
Tgt Ion:128 Resp: 842088

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

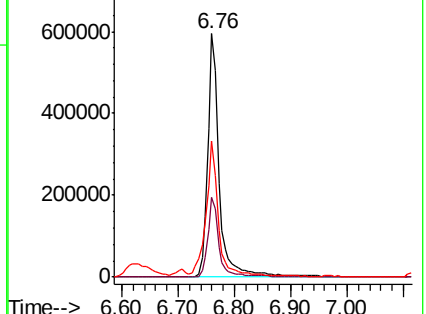
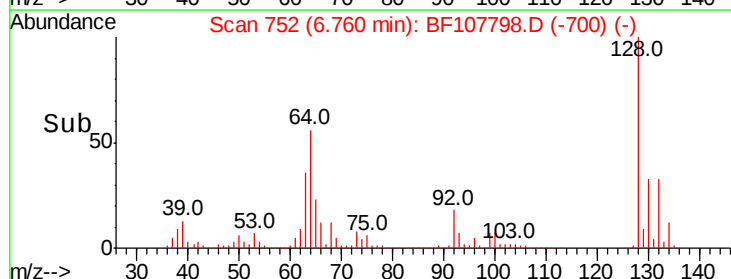
64 56.0 29.4 69.4

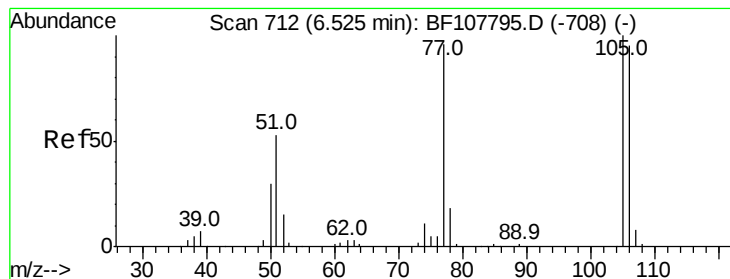


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 54.536 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampled :

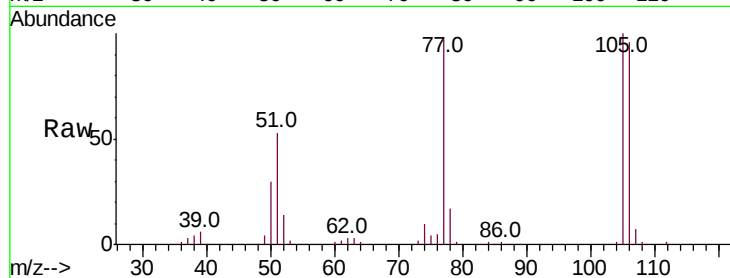
Tot Ion: 77 Resp: 422359

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

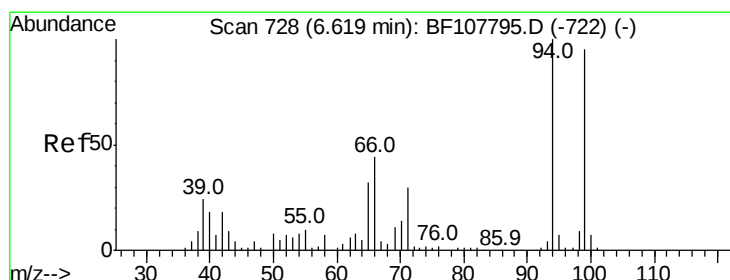
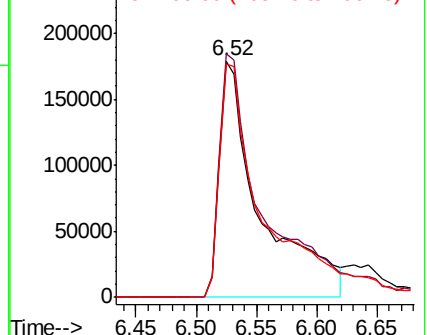
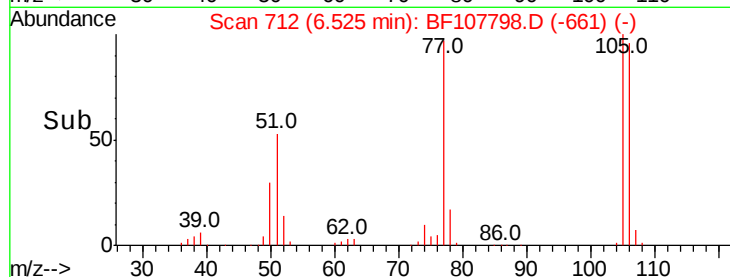
106 98.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 67.820 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

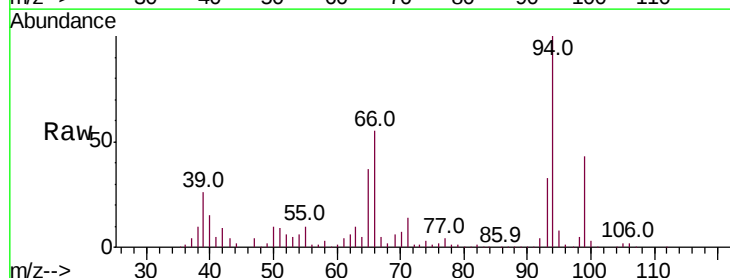
Tgt Ion: 94 Resp: 944536

Ion Ratio Lower Upper

94 100

65 36.9 7.9 47.9

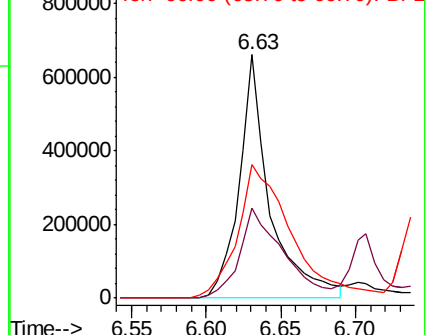
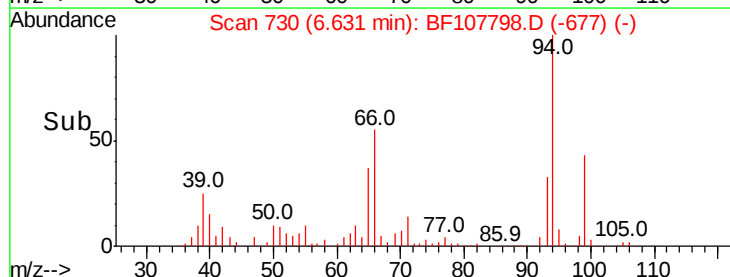
66 54.6 16.2 56.2

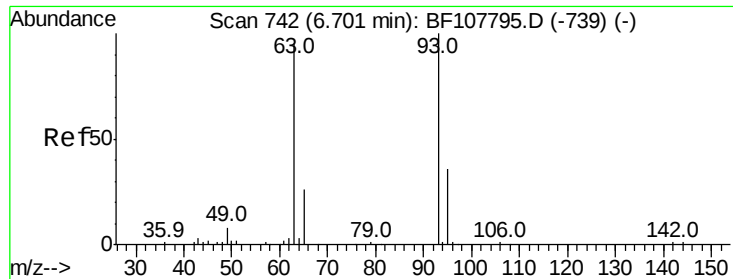


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 63.534 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

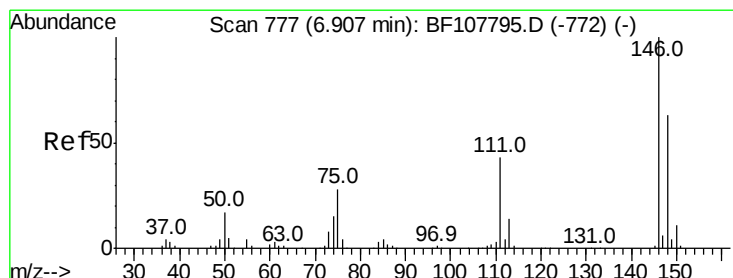
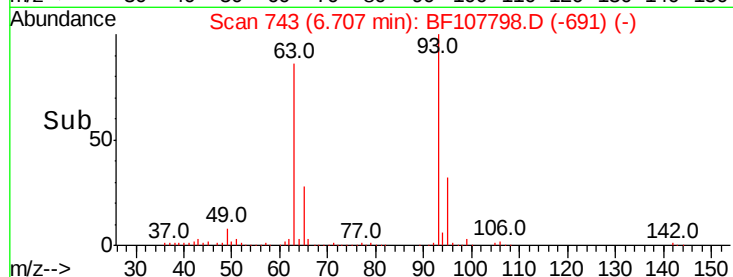
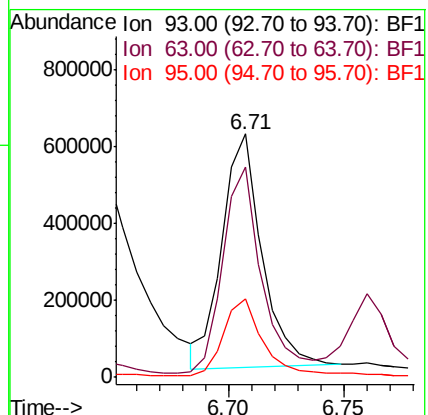
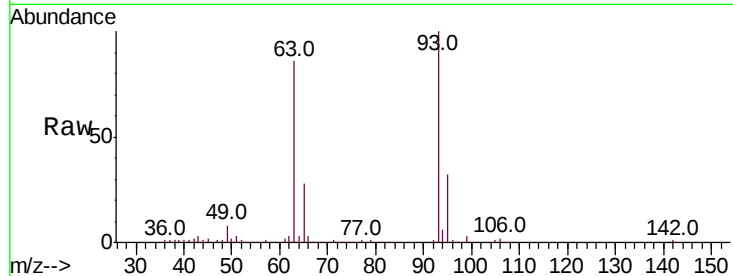
Tot Ion: 93 Resp: 733585

Ion Ratio Lower Upper

93 100

63 86.1 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 76.502 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

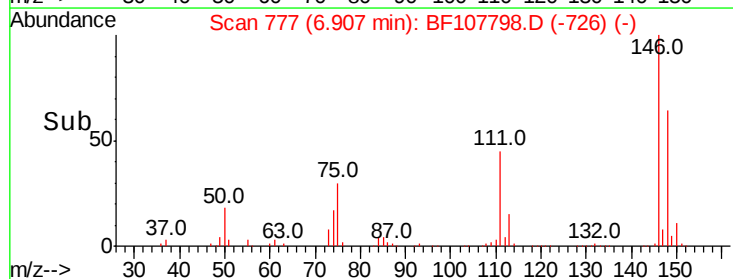
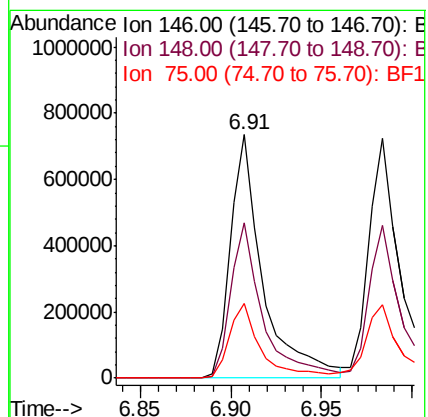
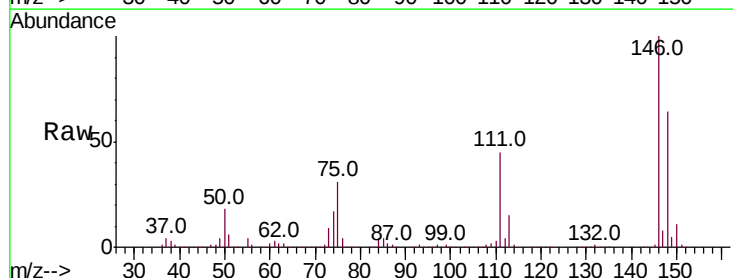
Tgt Ion: 146 Resp: 916464

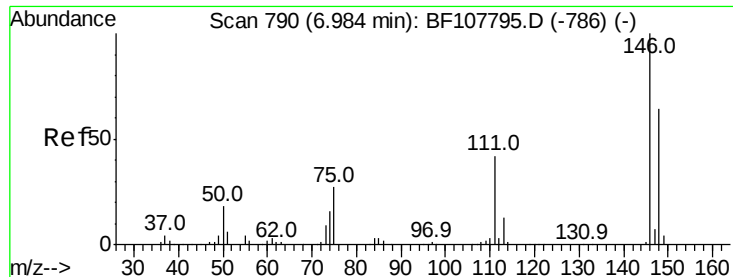
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

75 30.7 24.2 36.4

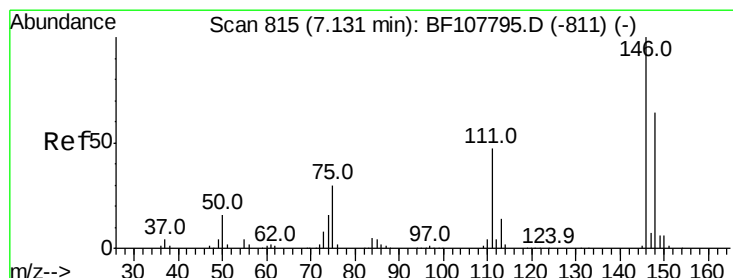
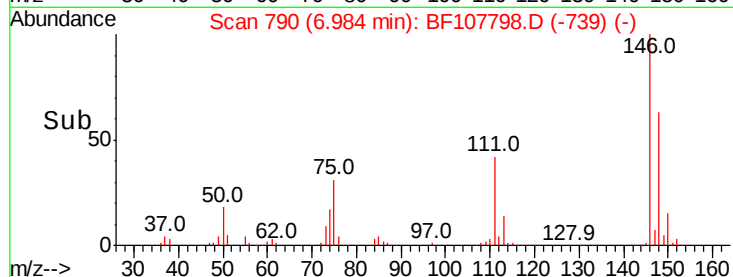
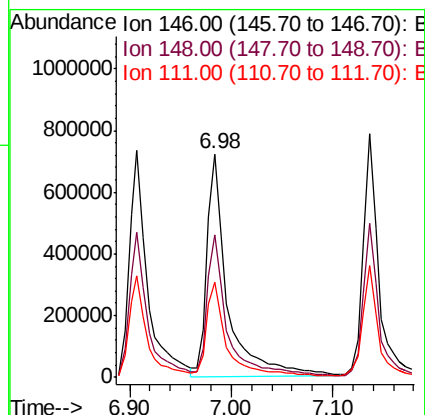
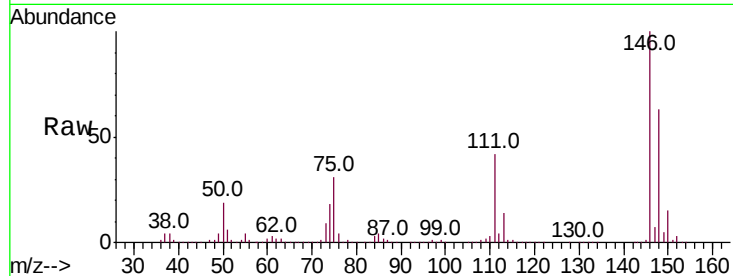




#13
 1,4-Dichlorobenzene
 Concen: 84.452 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

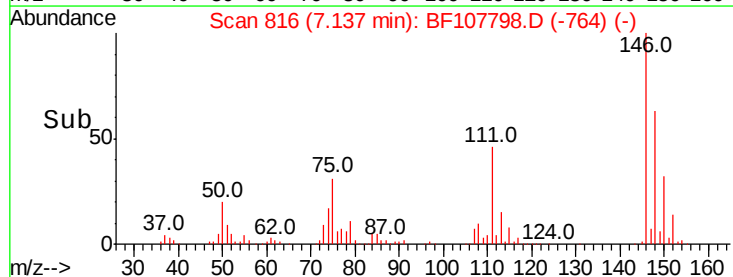
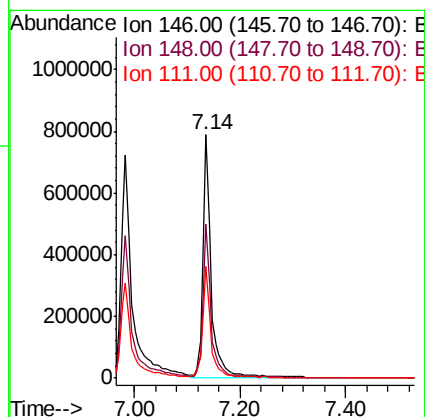
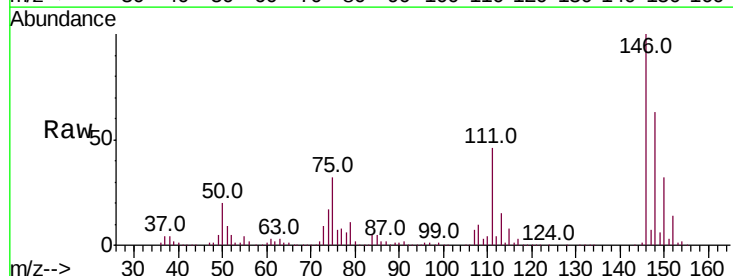
Instrument :
 BNA_F
 ClientSampled :

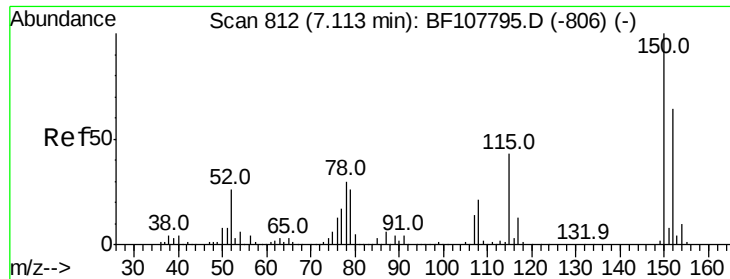
Tot Ion:146 Resp: 1036940
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 42.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 80.919 ng
 RT: 7.14 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion:146 Resp: 891630
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 45.8 36.0 54.0

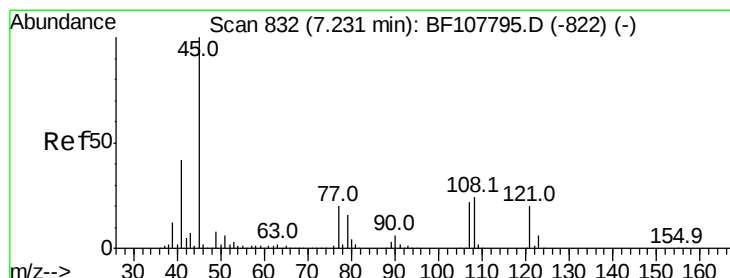
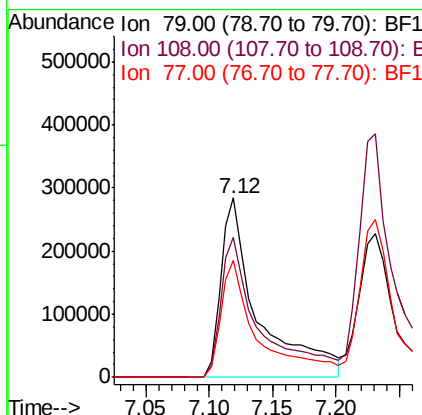
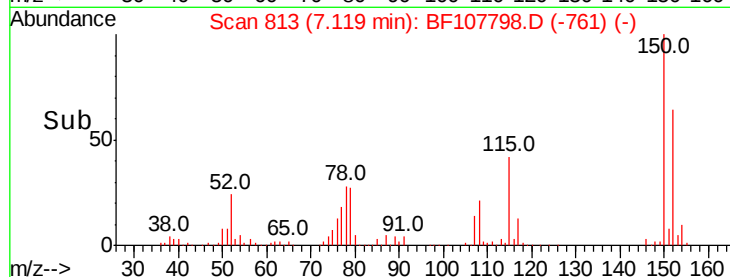
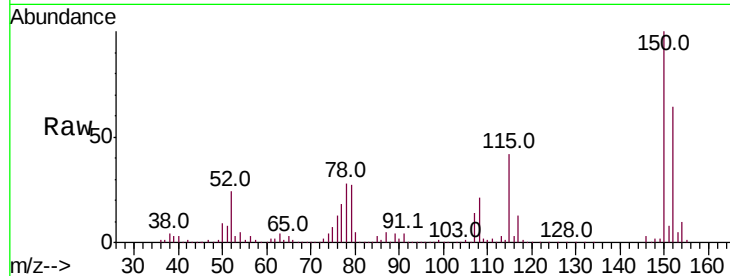




#15
Benzyl Alcohol
Concen: 72.588 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

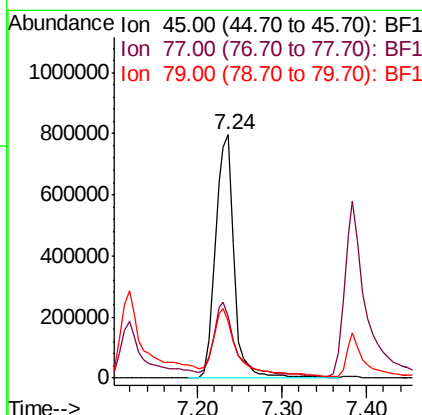
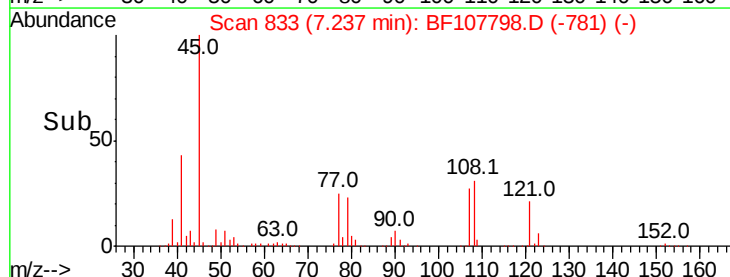
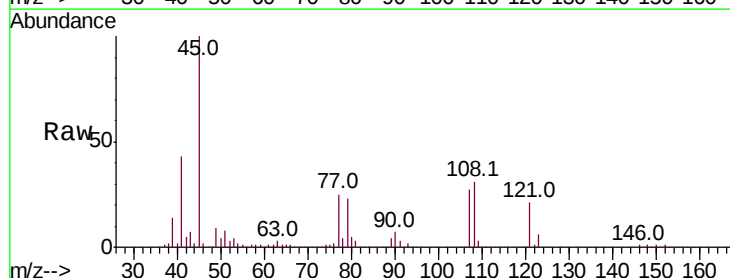
Instrument :
BNA_F
ClientSampled :

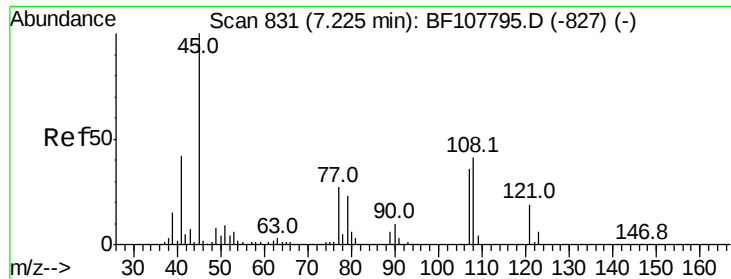
Tot Ion: 79 Resp: 585840
Ion Ratio Lower Upper
79 100
108 78.2 65.1 97.7
77 65.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 63.783 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion: 45 Resp: 1242452
Ion Ratio Lower Upper
45 100
77 25.3 0.0 32.9
79 23.3 0.0 29.6

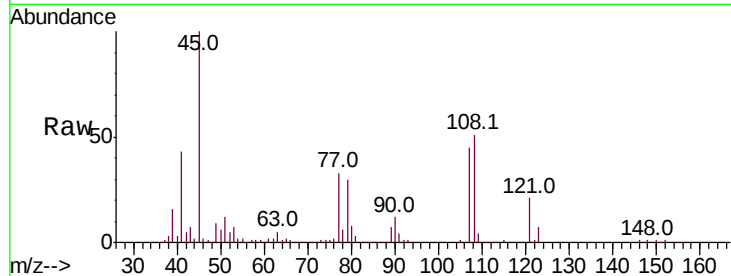




#17
2-Methylphenol
Concen: 73.237 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	73.8	33.8	50.8#
79	67.2	33.8	50.8#



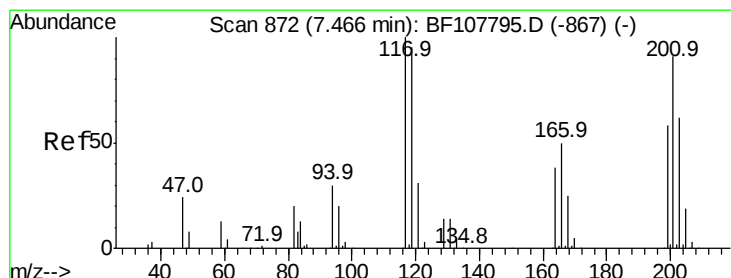
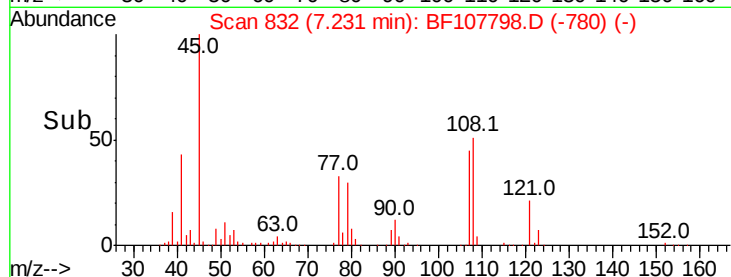
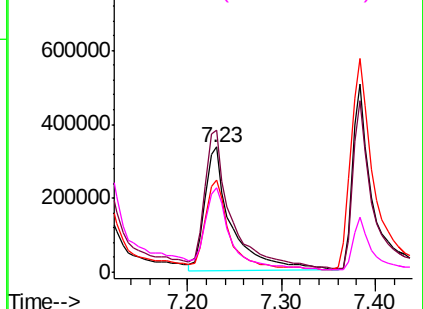
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

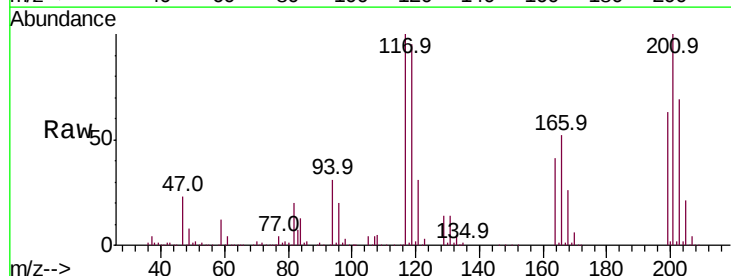
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 78.751 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	100.4	75.7	113.5

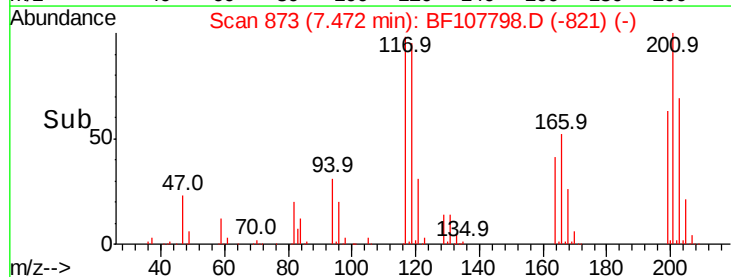
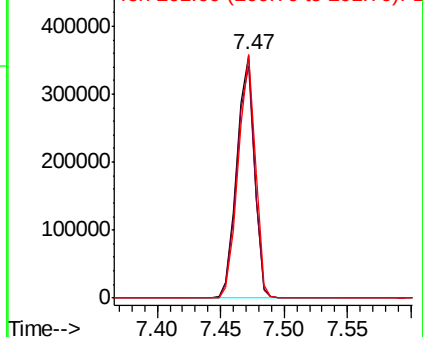


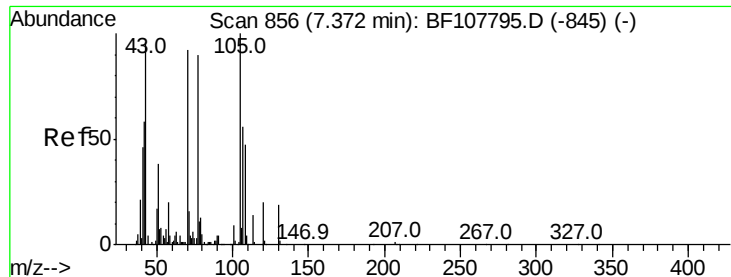
Abundance

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

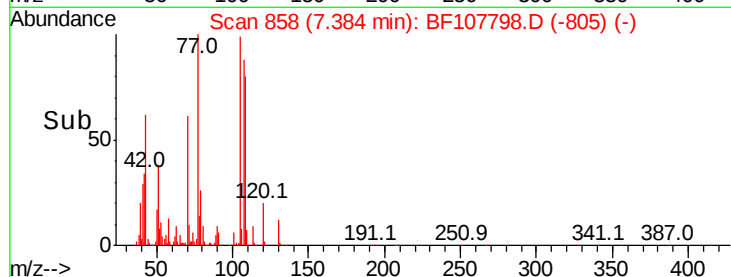
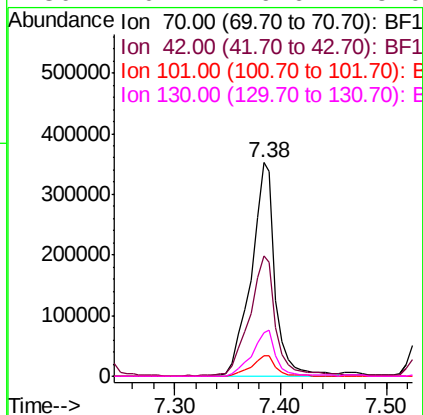
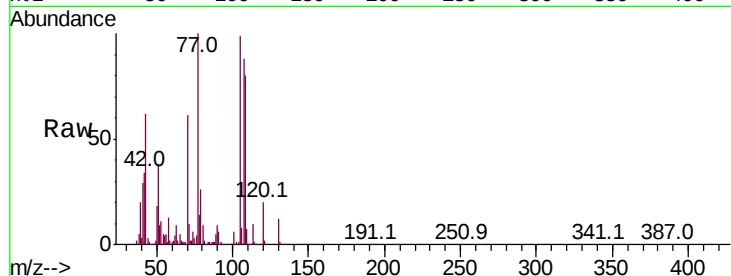




#19
n-Nitroso-di-n-propylamine
Concen: 73.449 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

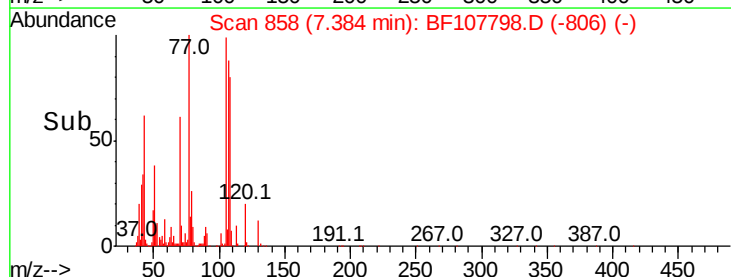
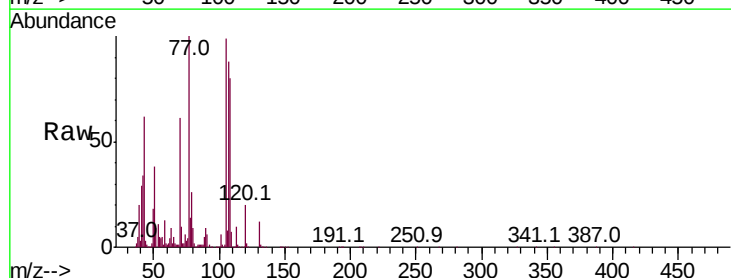
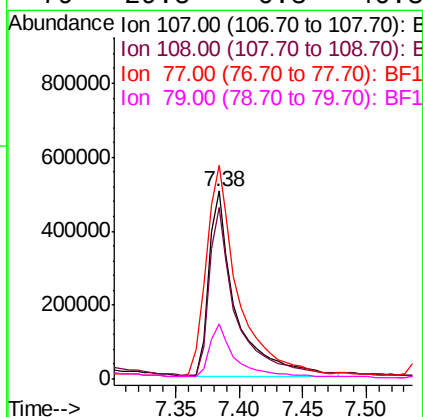
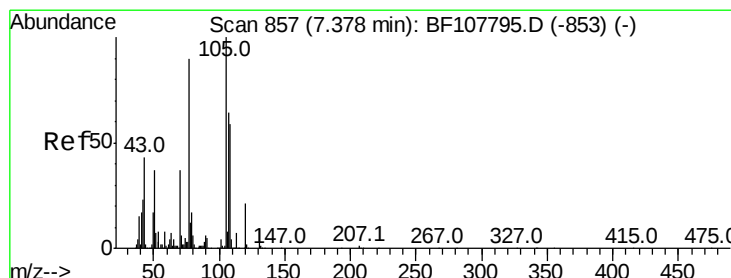
Instrument :
BNA_F
ClientSampled :

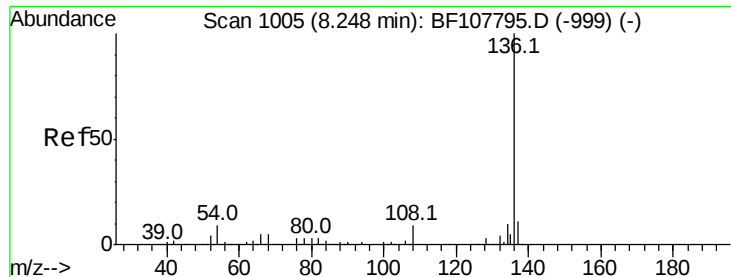
Tot Ion: 70 Resp: 561894
Ion Ratio Lower Upper
70 100
42 56.6 47.5 71.3
101 9.7 7.4 11.2
130 20.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 69.067 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:107 Resp: 736516
Ion Ratio Lower Upper
107 100
108 91.2 68.2 108.2
77 113.8 26.7 66.7#
79 29.5 6.3 46.3

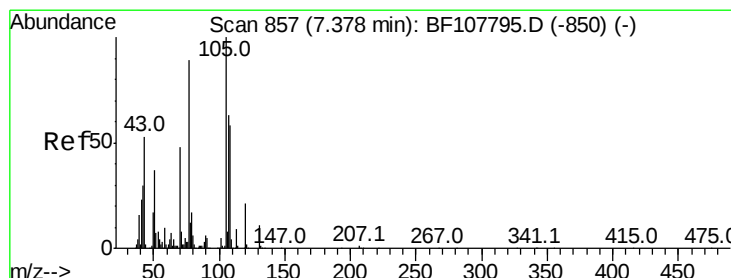
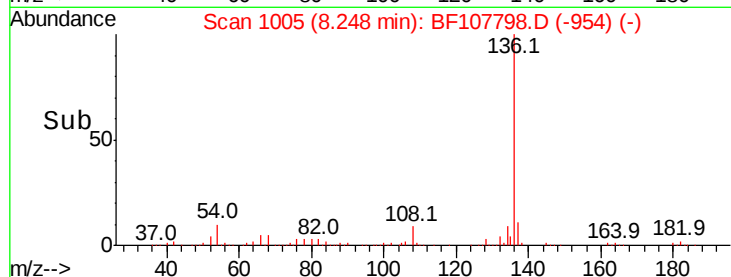
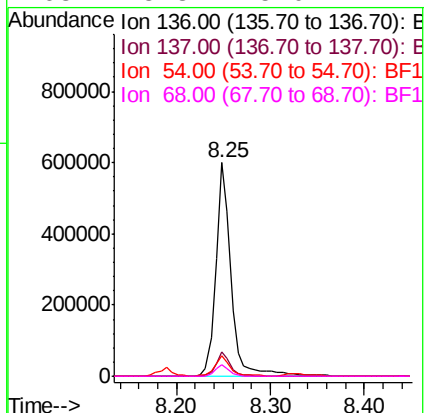
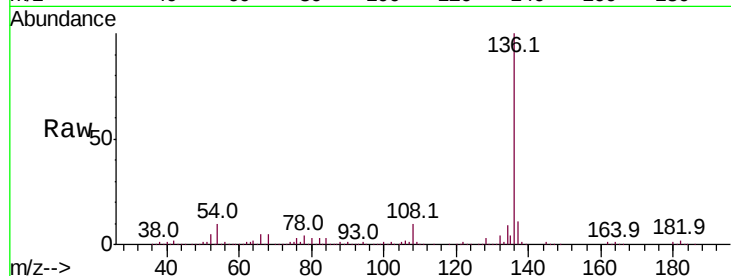




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

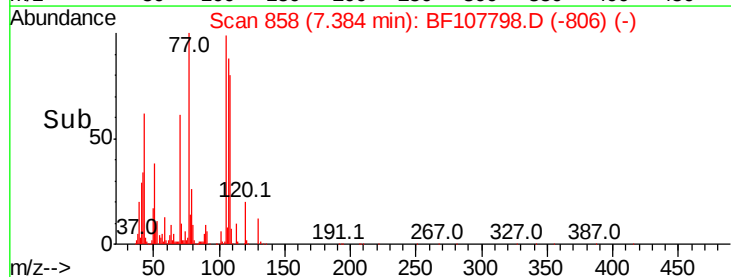
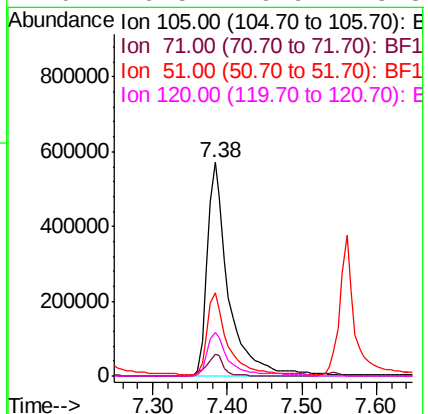
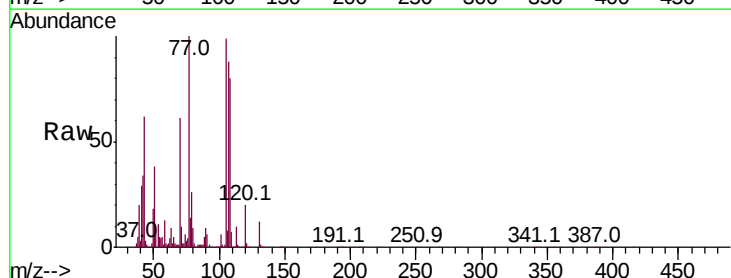
Instrument :
BNA_F
ClientSampleId :

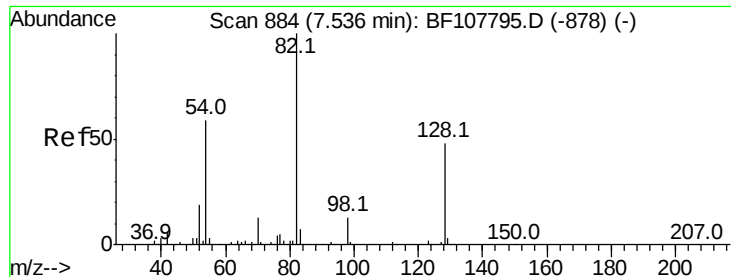
Tot Ion:136	Resp:	688953
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	9.8	6.6 9.8#
68	5.3	5.0 7.4



#22
Acetophenone
Concen: 69.984 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:105	Resp:	1132346
Ion	Ratio	Lower Upper
105	100	
71	10.2	4.4 6.6#
51	38.8	22.3 33.5#
120	20.5	16.9 25.3

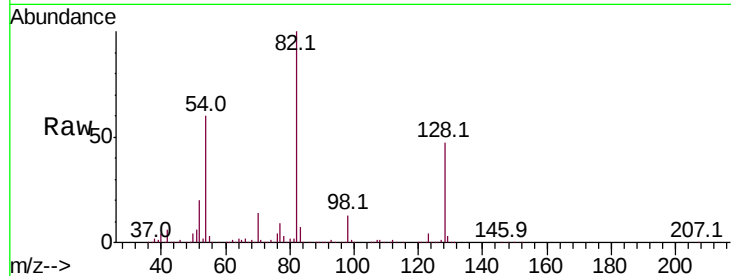




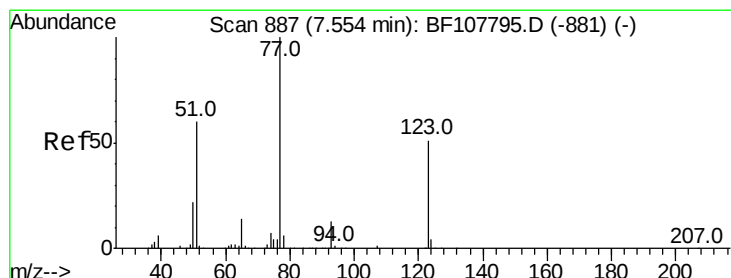
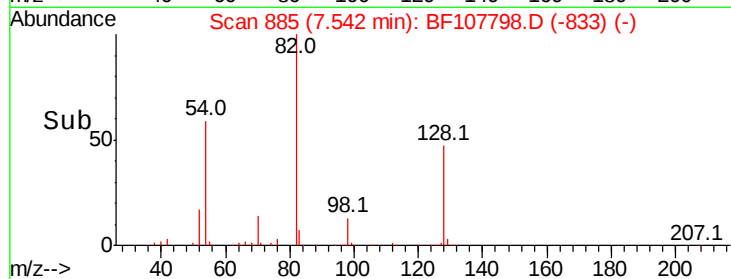
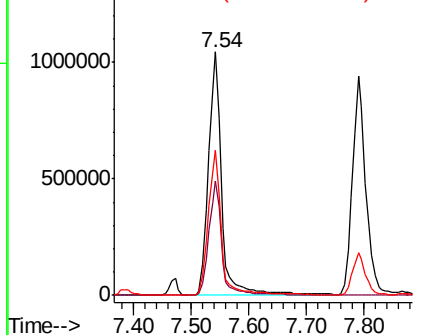
#23
 Nitrobenzene-d5
 Concen: 166.649 ng
 RT: 7.54 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1701246
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 59.7 41.4 62.2

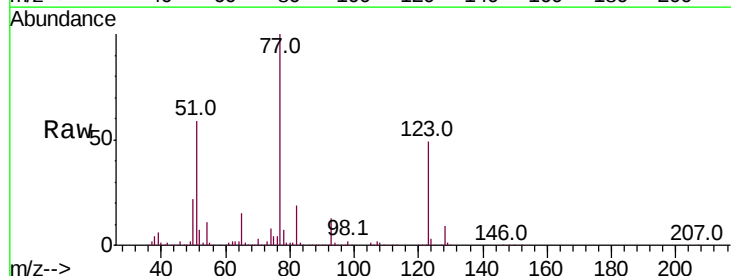


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

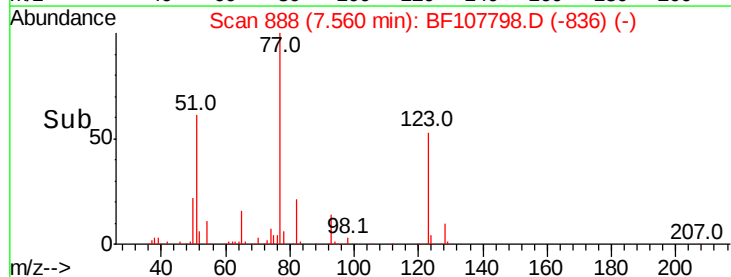
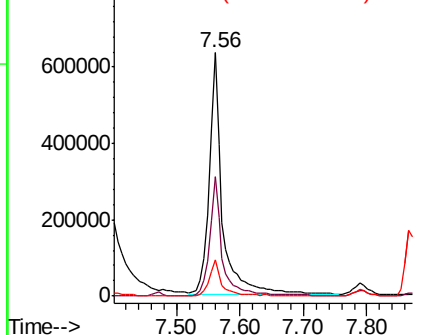


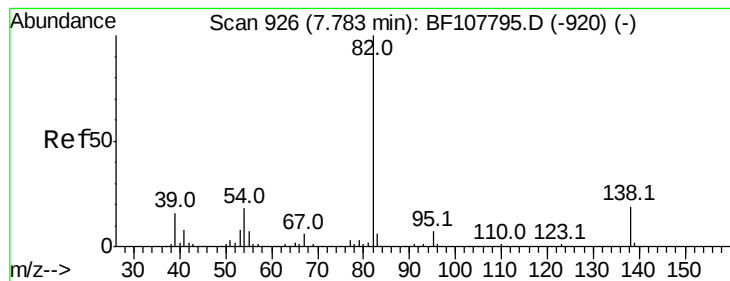
#24
 Nitrobenzene
 Concen: 77.938 ng
 RT: 7.56 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion: 77 Resp: 911302
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.9 56.9
 65 15.0 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: 68.053 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

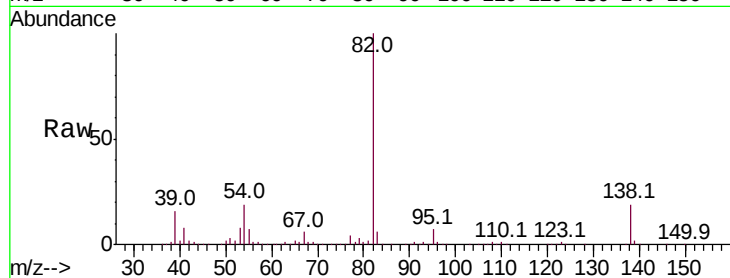
Tot Ion: 82 Resp: 1483353

Ion Ratio Lower Upper

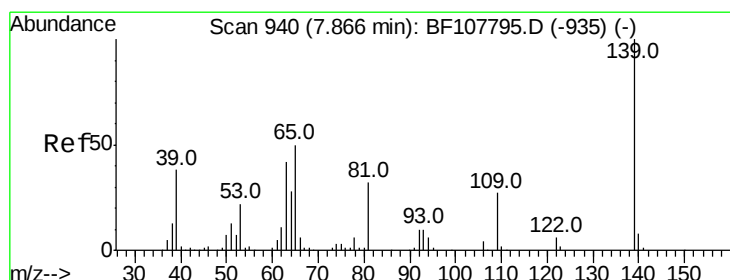
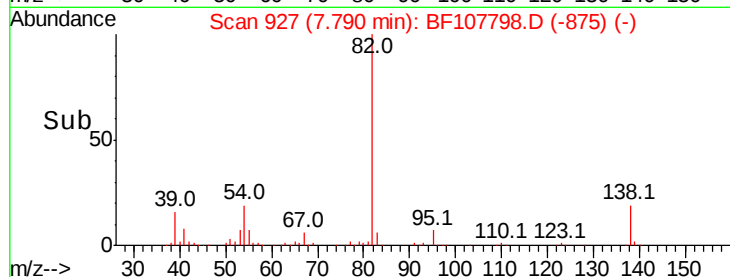
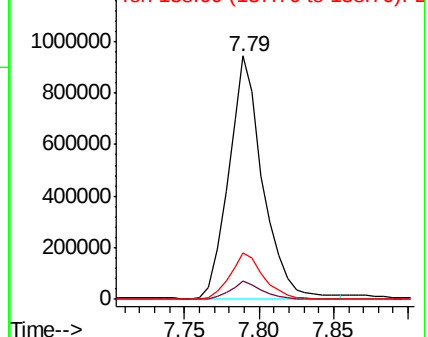
82 100

95 7.4 5.2 7.8

138 19.3 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: 103.737 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

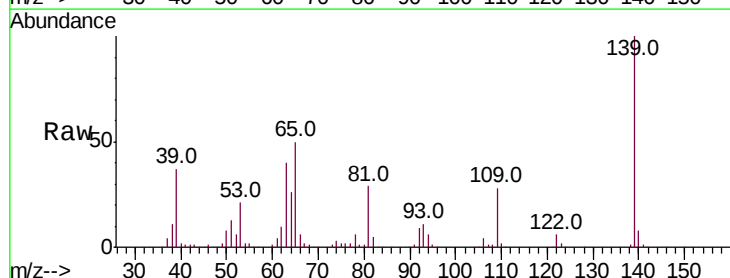
Tgt Ion: 139 Resp: 512222

Ion Ratio Lower Upper

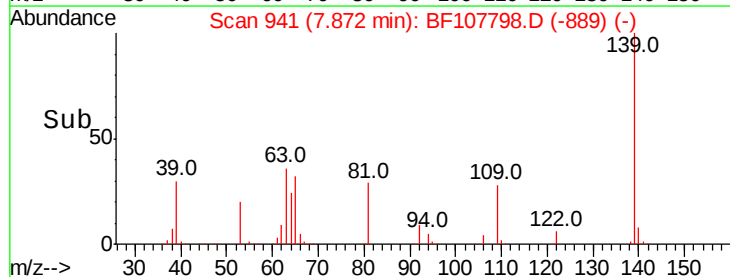
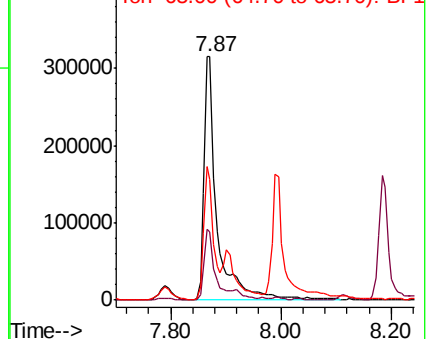
139 100

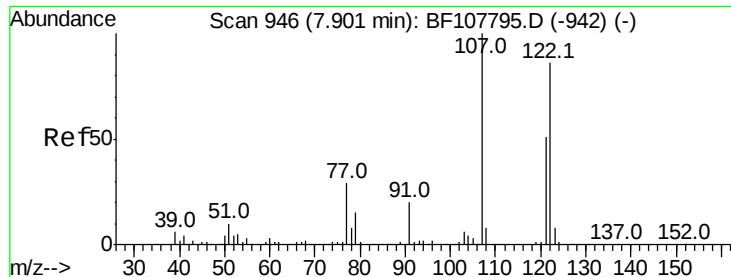
109 27.8 22.7 34.1

65 49.6 40.5 60.7



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

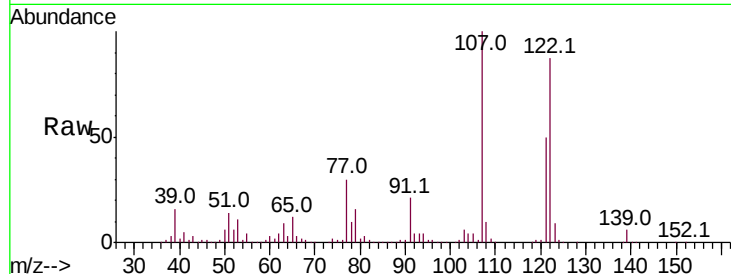




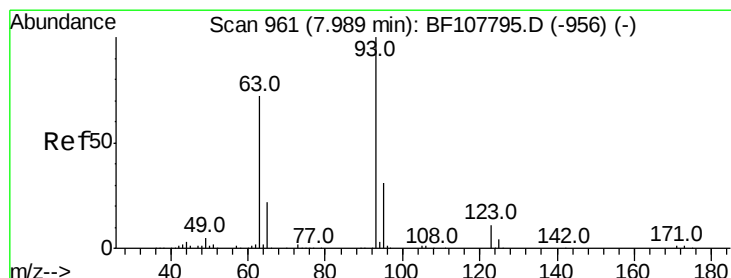
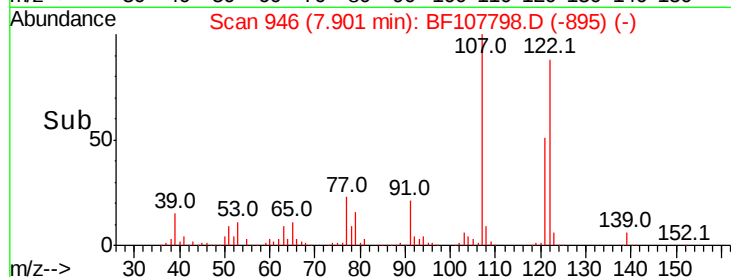
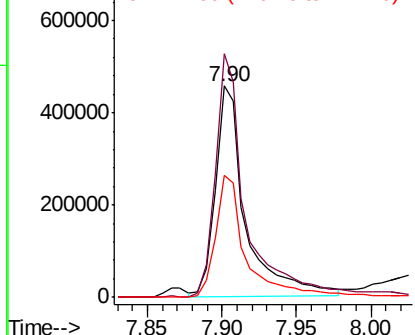
#27
 2,4-Dimethylphenol
 Concen: 68.990 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 644817
 Ion Ratio Lower Upper
 122 100
 107 115.1 91.2 136.8
 121 57.8 47.2 70.8

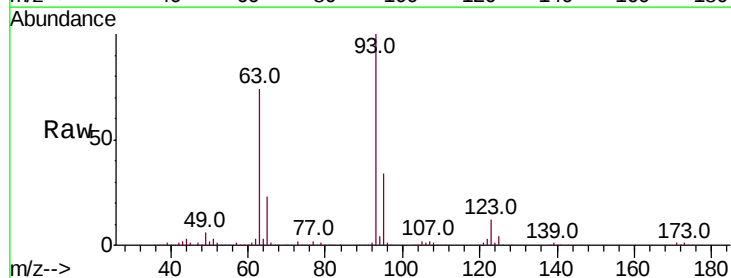


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

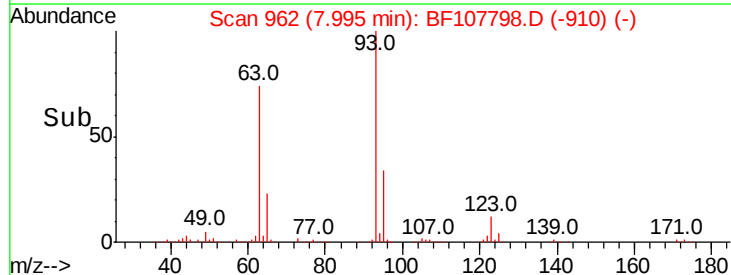
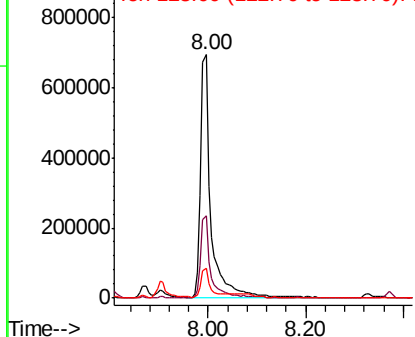


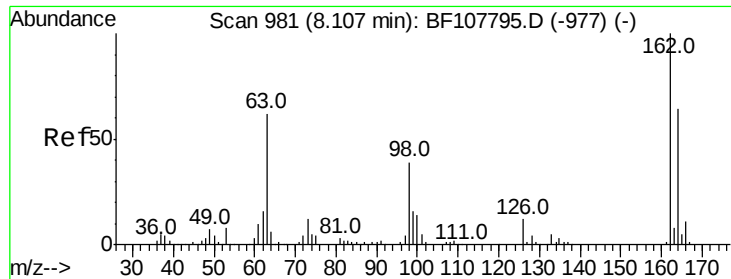
#28
 bis(2-Chloroethoxy)methane
 Concen: 69.510 ng
 RT: 8.00 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion: 93 Resp: 1012533
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.3 39.5
 123 12.0 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

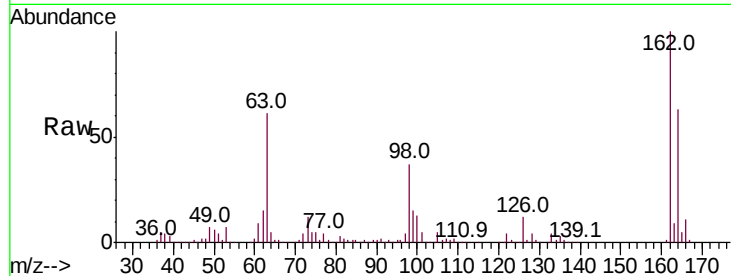




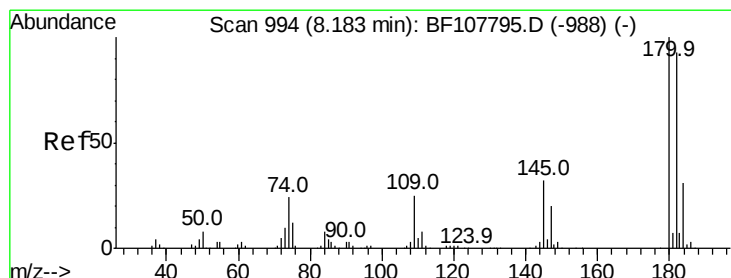
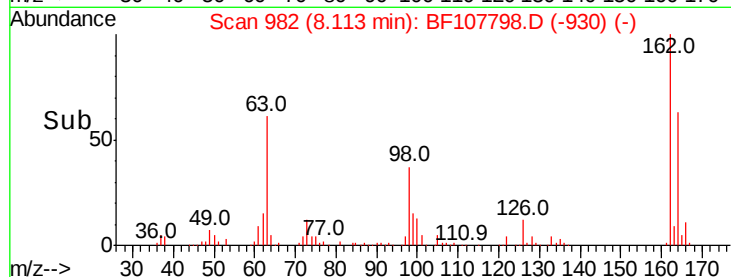
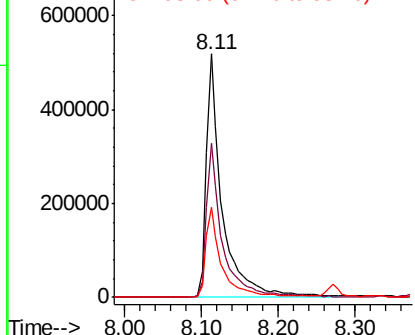
#29
2,4-Dichlorophenol
Concen: 77.613 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 741448
Ion Ratio Lower Upper
162 100
164 63.1 42.7 82.7
98 36.9 18.1 58.1

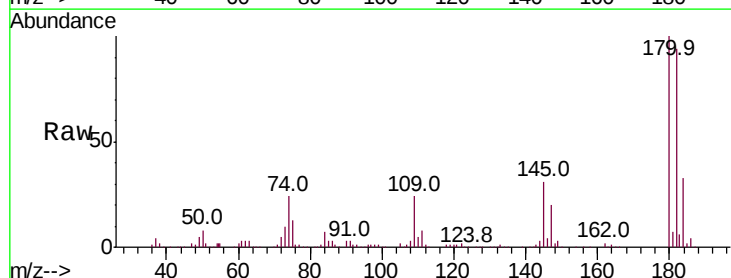


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

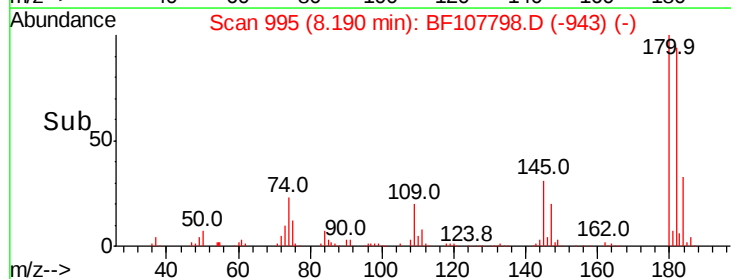
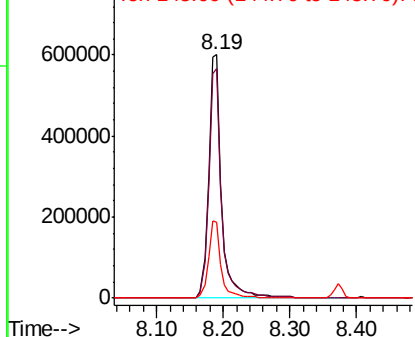


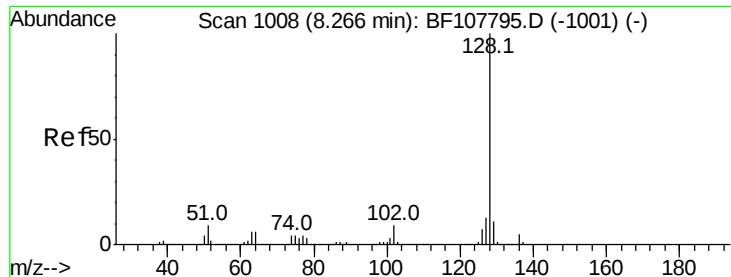
#30
1,2,4-Trichlorobenzene
Concen: 75.361 ng
RT: 8.19 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:180 Resp: 808596
Ion Ratio Lower Upper
180 100
182 94.1 76.8 115.2
145 31.2 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

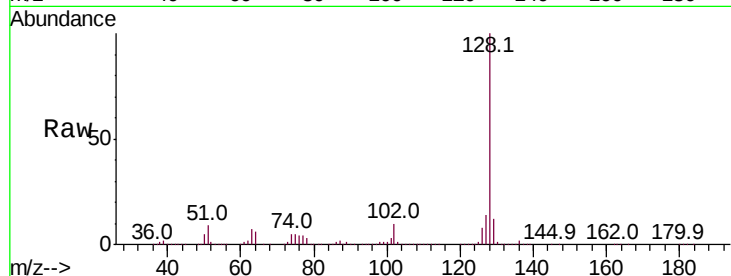




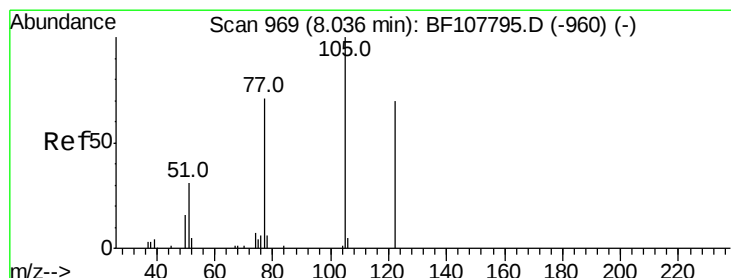
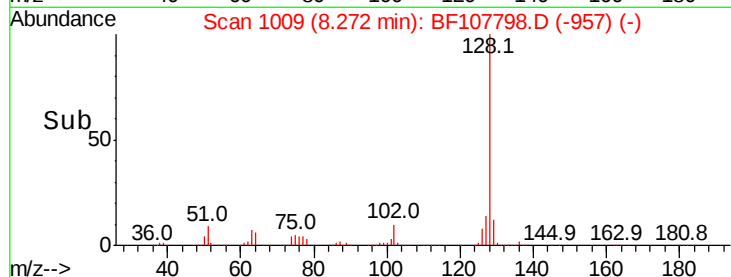
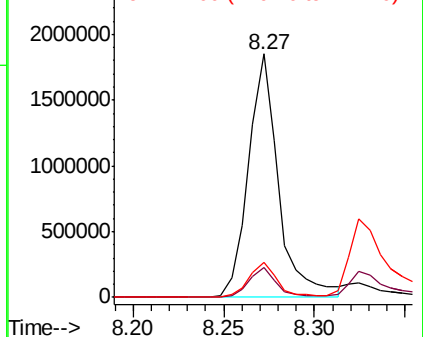
#31
Naphthalene
Concen: 70.867 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 2146999
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.4 10.9 16.3

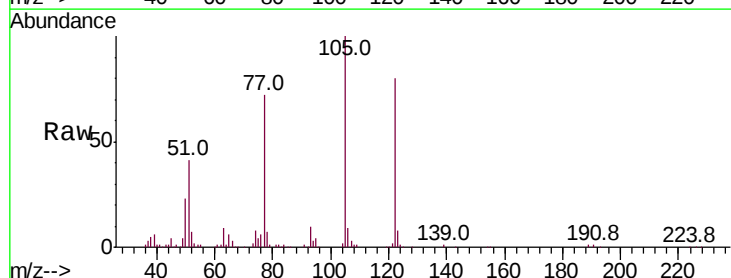


Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

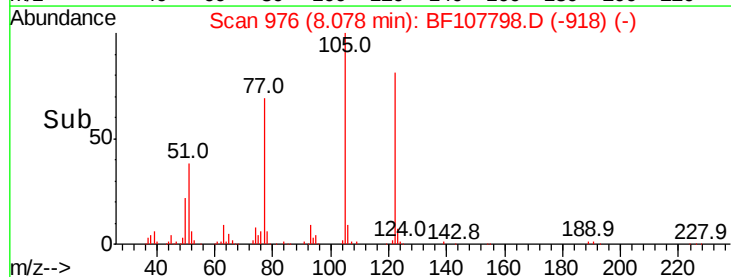
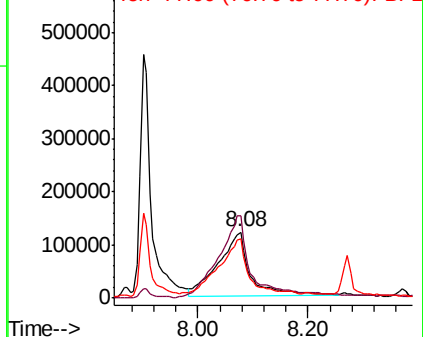


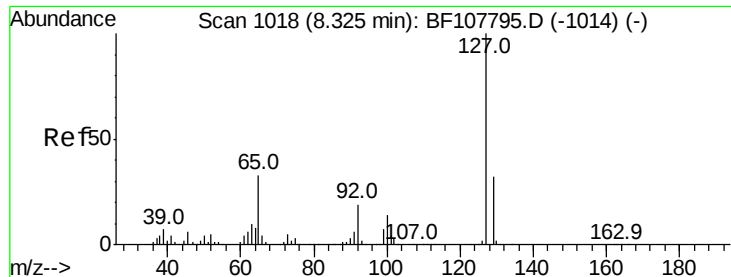
#32
Benzoic acid
Concen: 86.434 ng
RT: 8.08 min Scan# 976
Delta R.T. 0.04 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:122 Resp: 494881
Ion Ratio Lower Upper
122 100
105 124.6 101.1 141.1
77 89.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

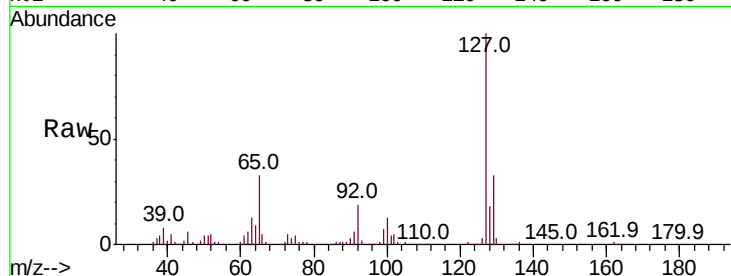




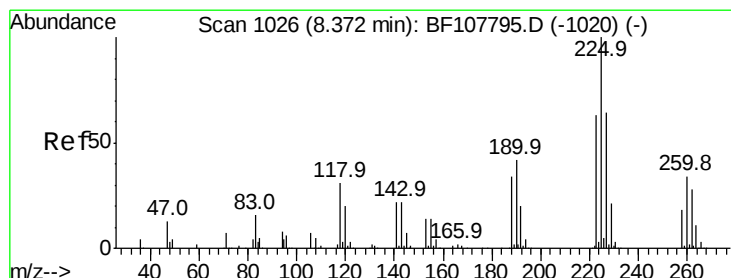
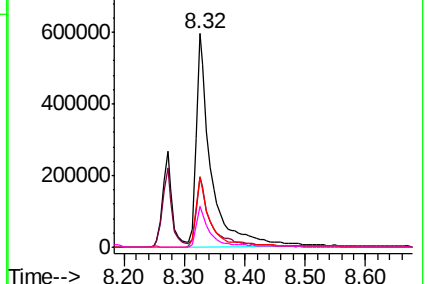
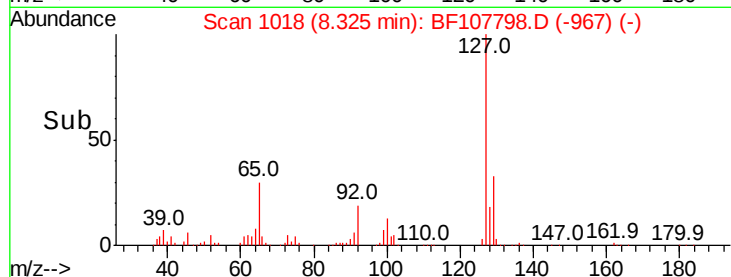
#33
4-Chloroaniline
Concen: 77.740 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp: 1029415
Ion Ratio	Lower Upper
127 100	
129 32.8	25.9 38.9
65 33.2	25.0 37.4
92 18.9	15.2 22.8

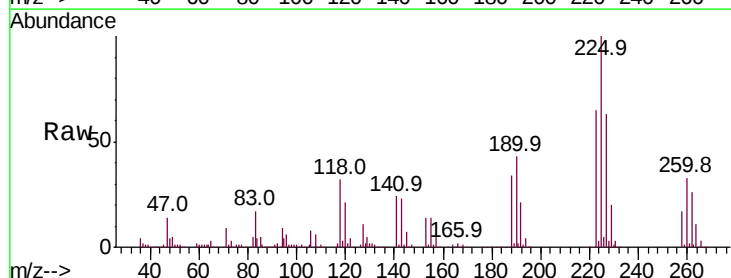


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

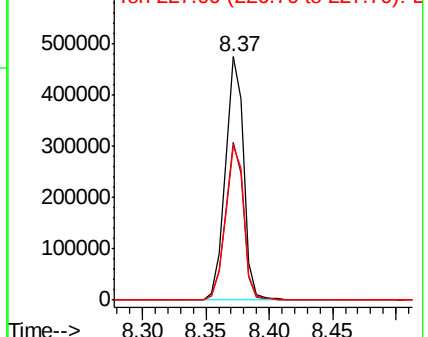
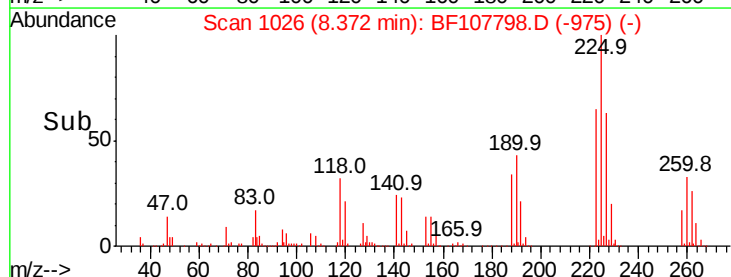


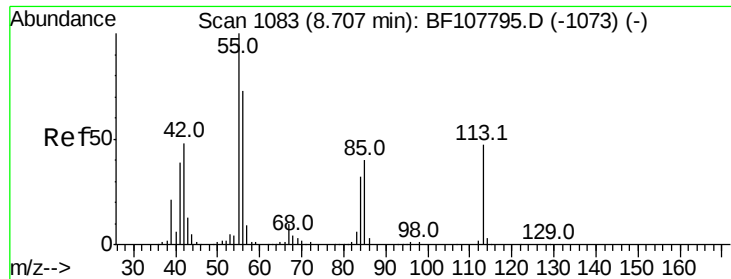
#34
Hexachlorobutadiene
Concen: 74.063 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt	Ion:225	Resp:	472203
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	76.0
227	63.3	51.9	77.9



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

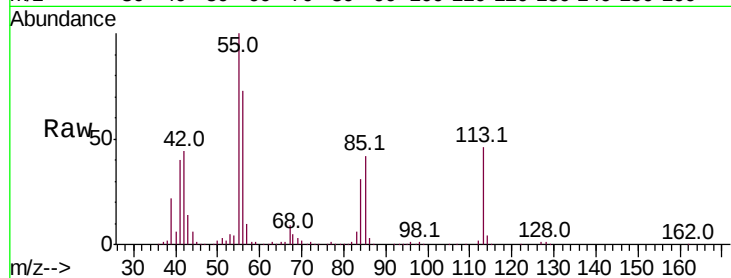




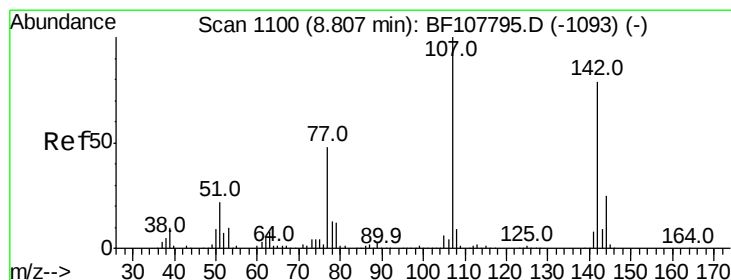
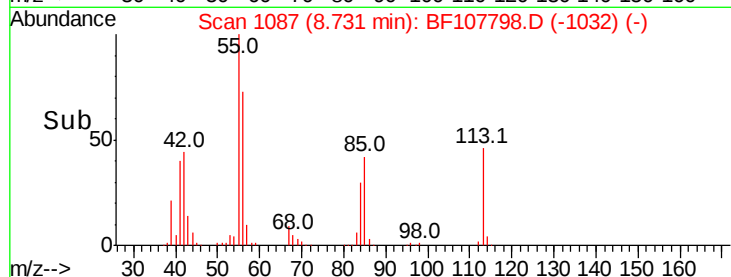
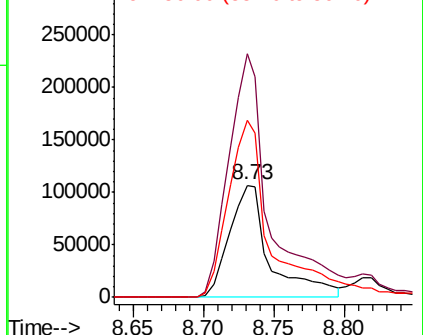
#35
Caprolactam
Concen: 69.598 ng
RT: 8.73 min Scan# 1087
Delta R.T. 0.02 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 216259
Ion Ratio Lower Upper
113 100
55 217.7 163.3 203.3#
56 158.2 115.7 155.7#

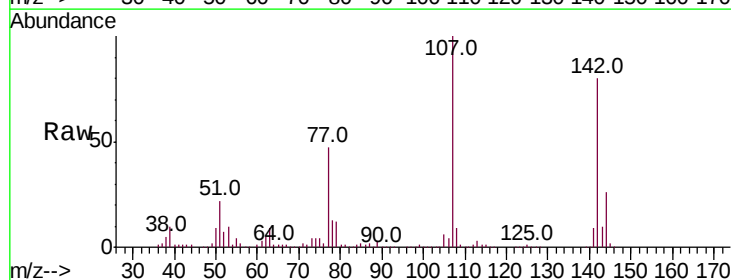


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

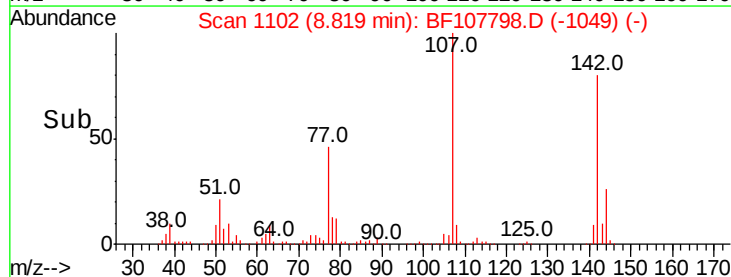
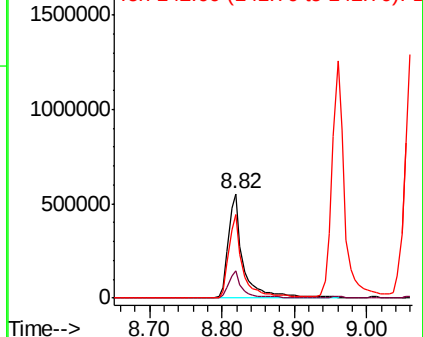


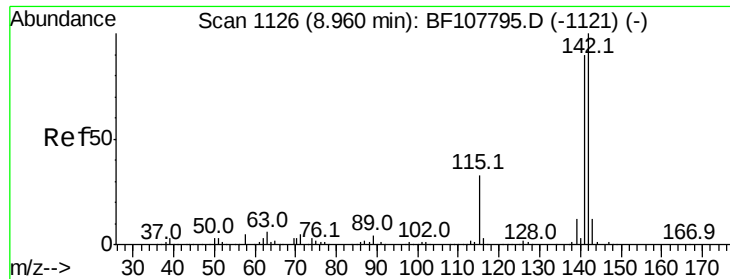
#36
4-Chloro-3-methylphenol
Concen: 74.847 ng
RT: 8.82 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:107 Resp: 794265
Ion Ratio Lower Upper
107 100
144 25.8 20.5 30.7
142 79.7 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

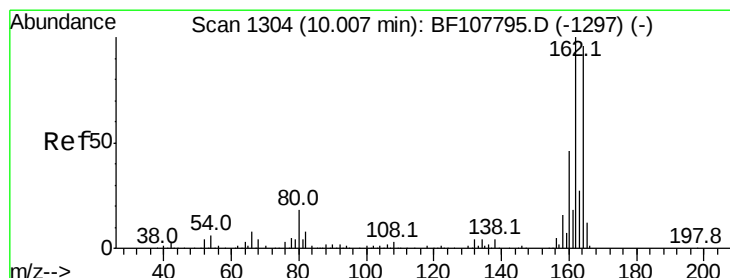
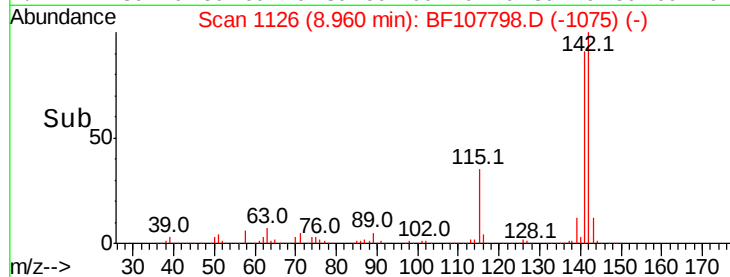
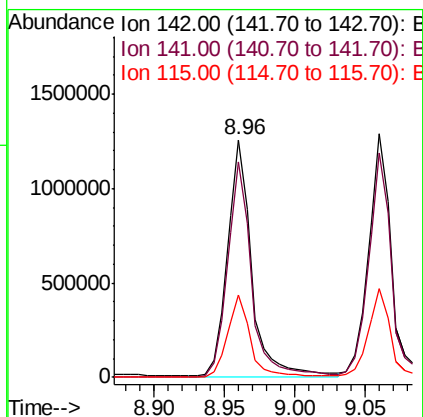
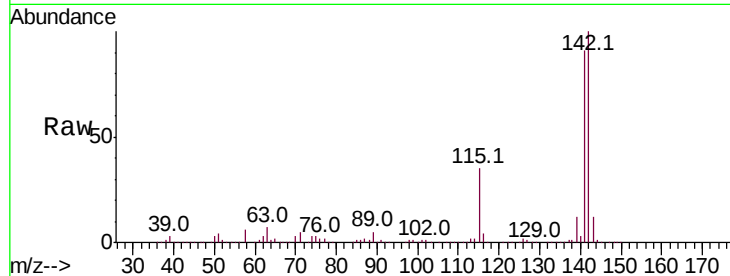




#37
 2-Methylnaphthalene
 Concen: 72.057 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

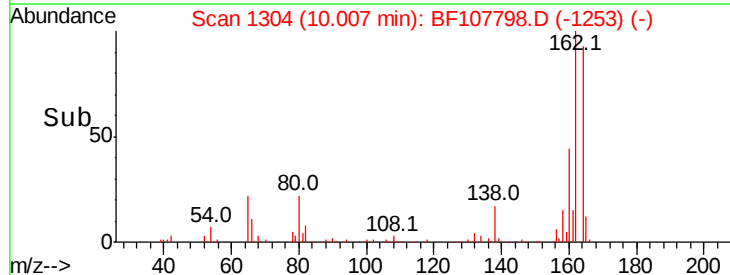
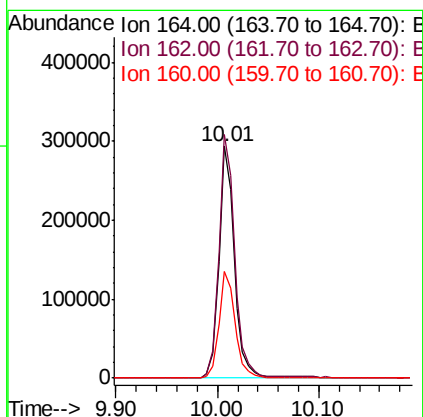
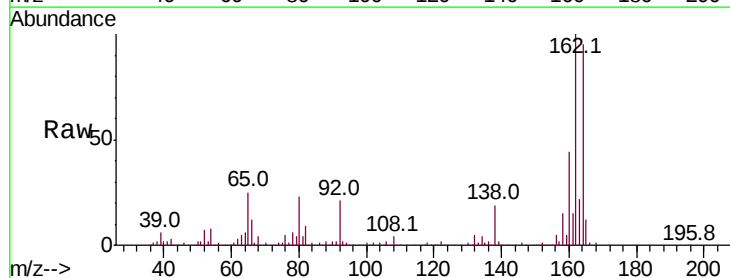
Instrument :
 BNA_F
 ClientSampleId :

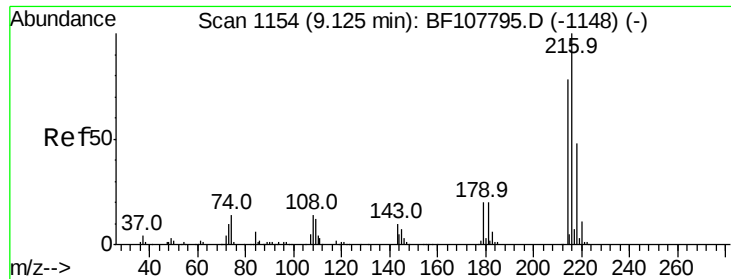
Tot Ion:142 Resp: 1512761
 Ion Ratio Lower Upper
 142 100
 141 90.9 70.8 106.2
 115 34.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion:164 Resp: 310570
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 46.1 38.3 57.5

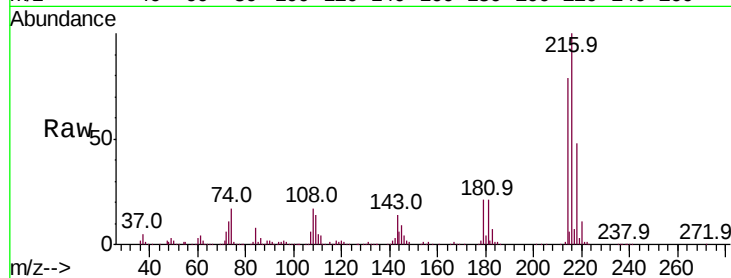




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 79.091 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.8	18.1	27.1
108	17.1	17.2	25.8



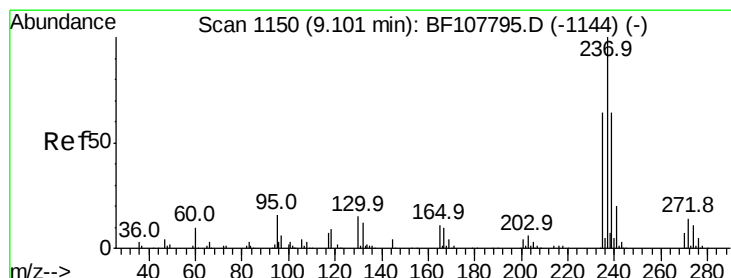
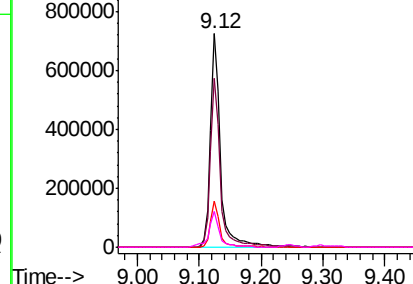
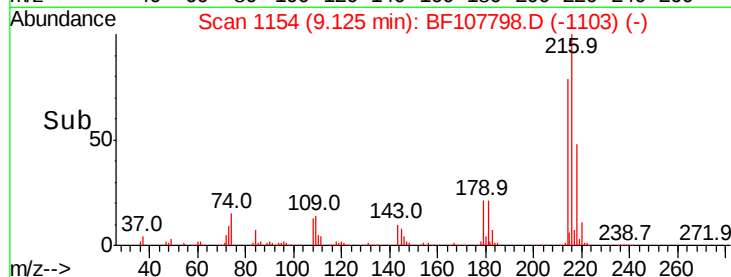
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

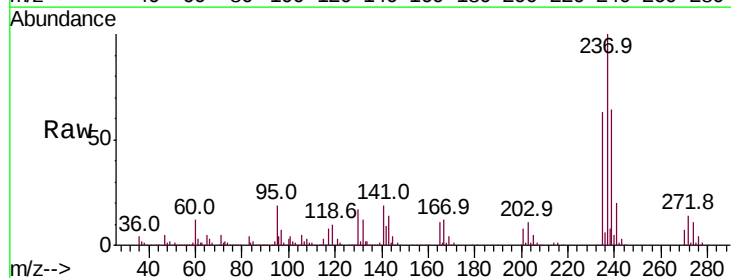
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 70.161 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.8	84.8
272	13.7	0.0	33.3

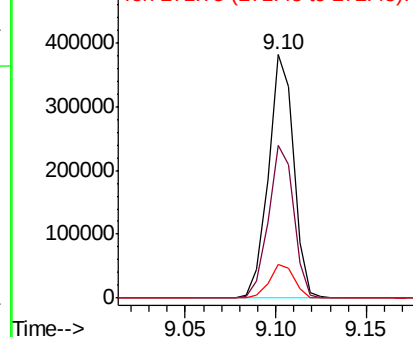
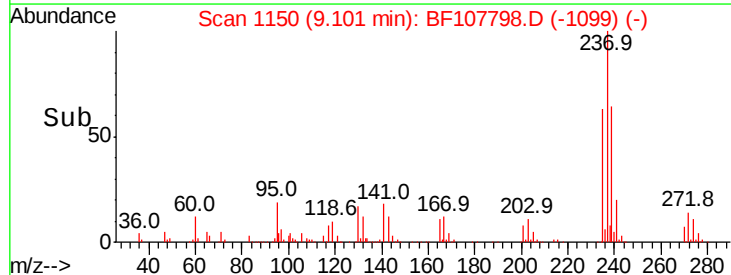


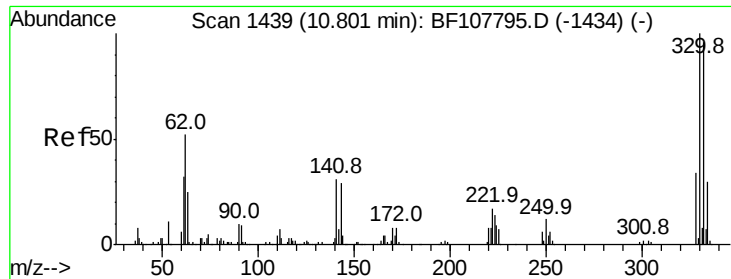
Abundance

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: 178.063 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

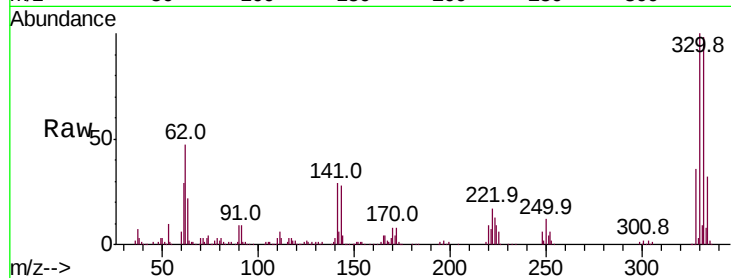
Tot Ion:330 Resp: 628860

Ion Ratio Lower Upper

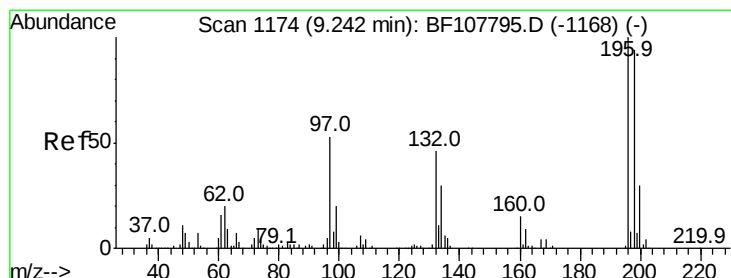
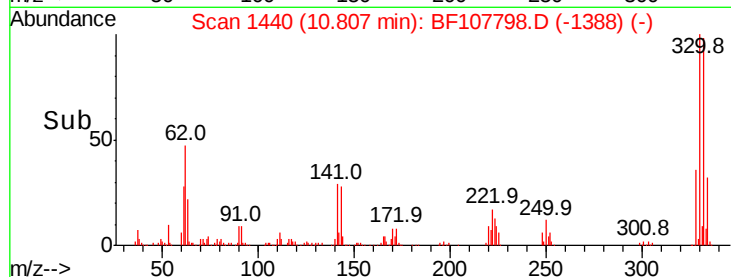
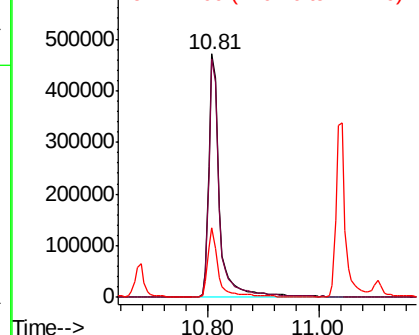
330 100

332 96.3 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: 77.153 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

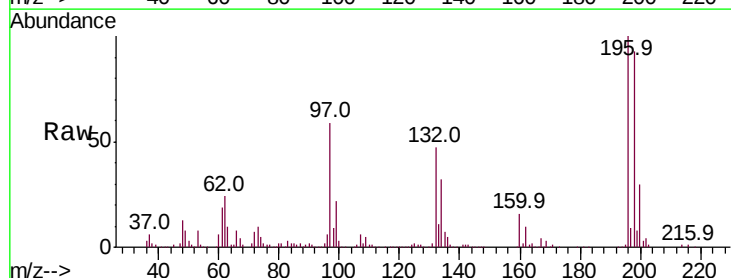
Tgt Ion:196 Resp: 511564

Ion Ratio Lower Upper

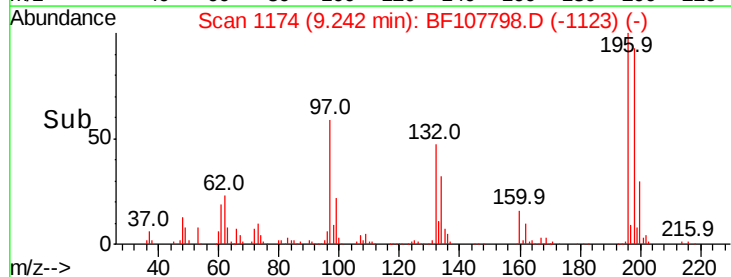
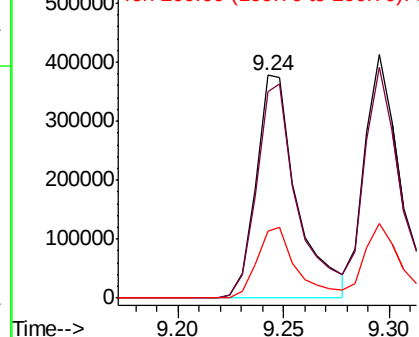
196 100

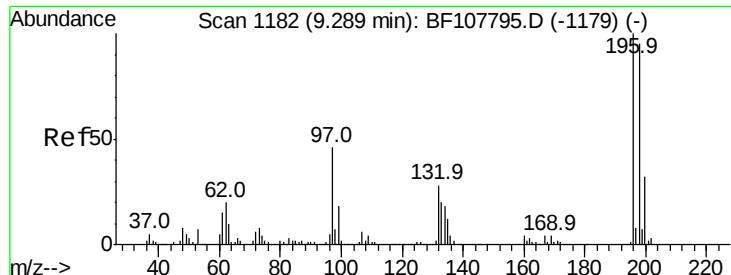
198 92.8 75.7 113.5

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

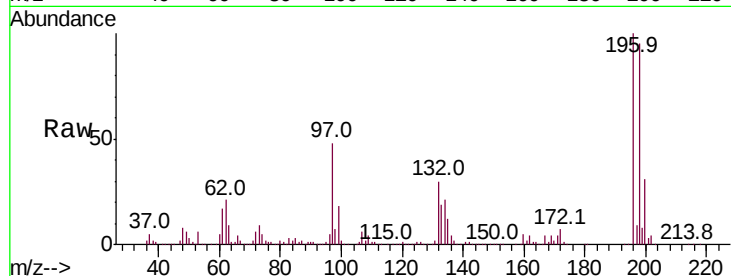




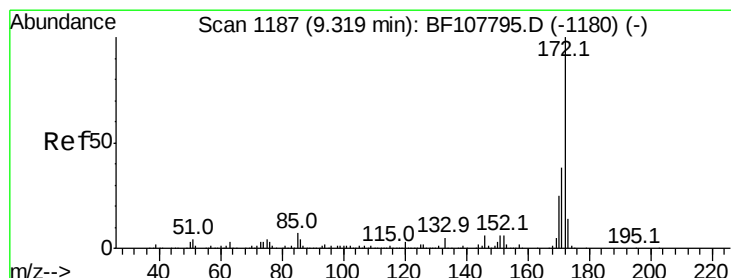
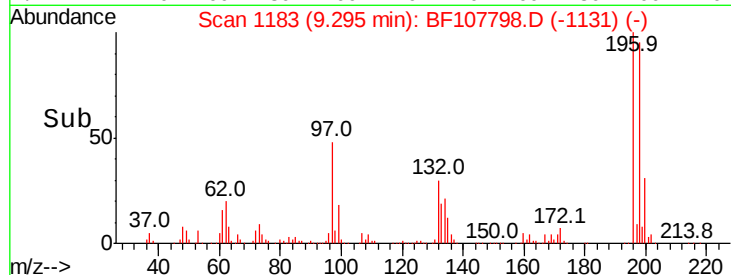
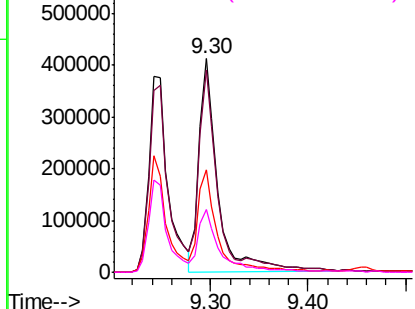
#43
2,4,5-Trichlorophenol
Concen: 79.343 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 549831
Ion Ratio Lower Upper
196 100
198 94.7 74.6 112.0
97 48.0 42.9 64.3
132 29.6 26.3 39.5

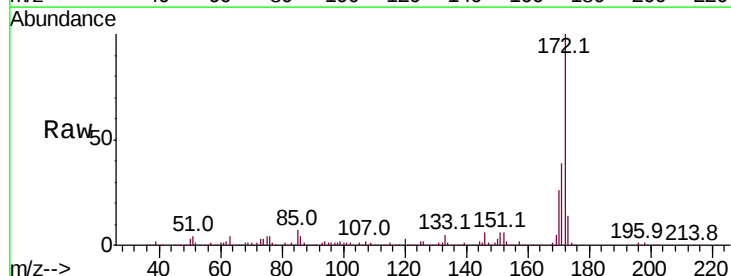


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

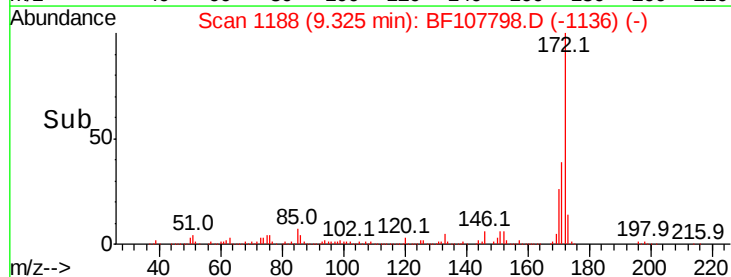
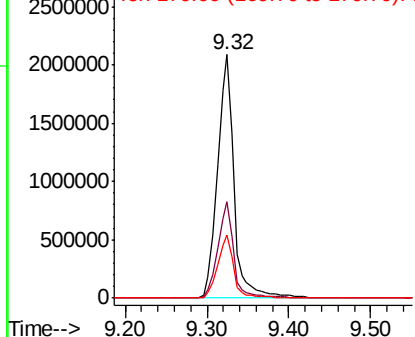


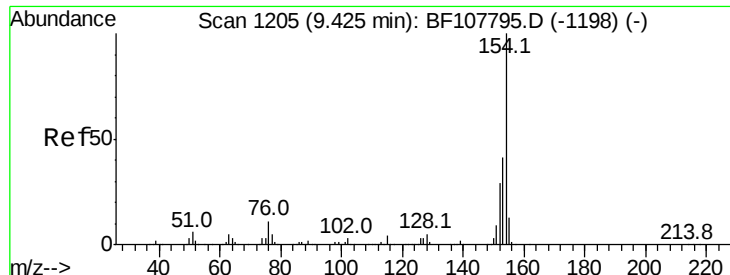
#44
2-Fluorobiphenyl
Concen: 145.633 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:172 Resp: 2974601
Ion Ratio Lower Upper
172 100
171 39.3 29.7 44.5
170 26.0 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: 75.462 ng

RT: 9.43 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

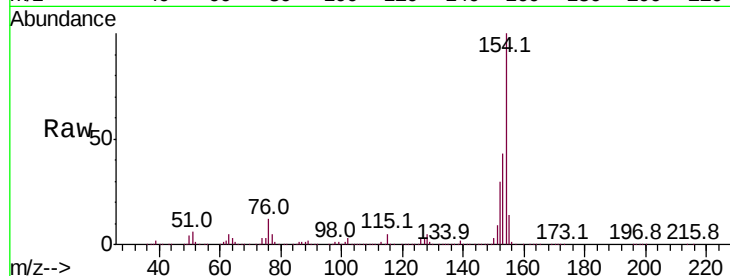
Tot Ion:154 Resp: 2041562

Ion Ratio Lower Upper

154 100

153 43.0 21.3 61.3

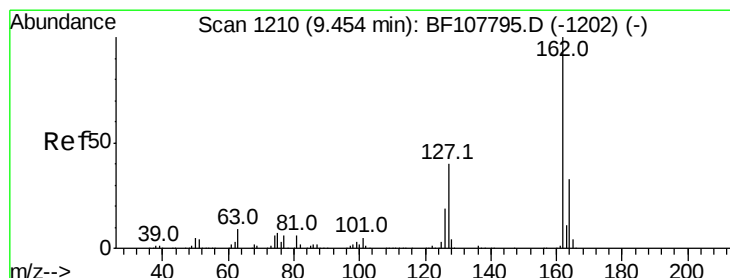
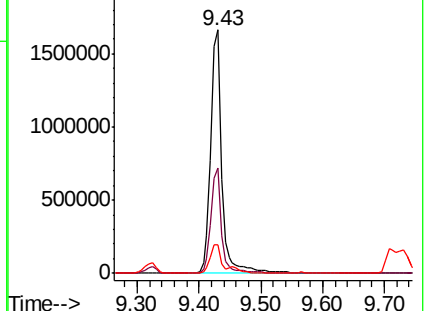
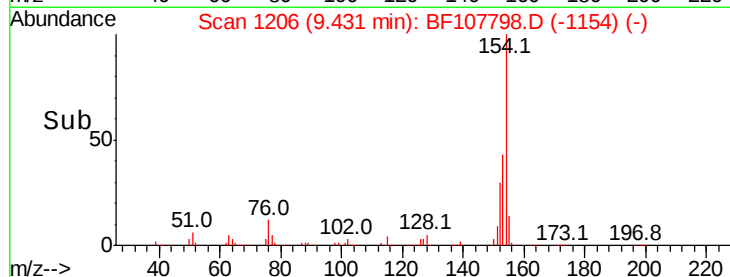
76 11.6 0.0 34.0



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: 76.924 ng

RT: 9.46 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

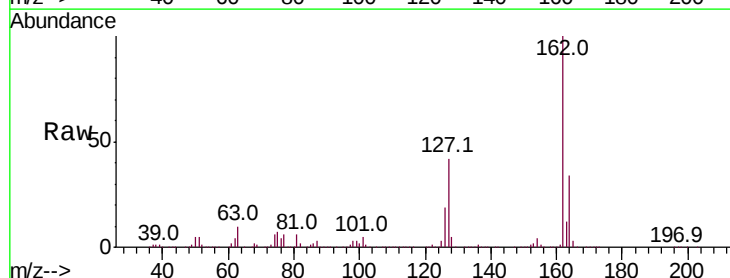
Tgt Ion:162 Resp: 1590754

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

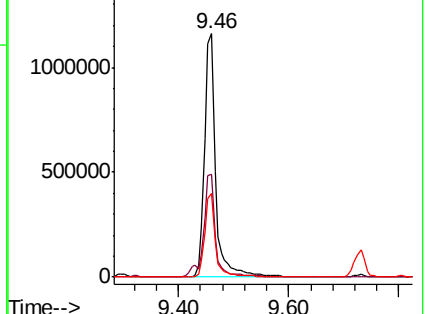
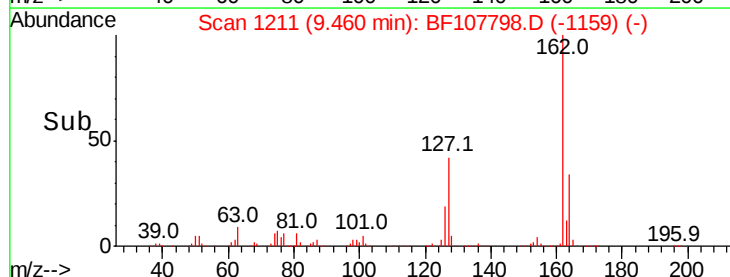
164 34.1 26.5 39.7

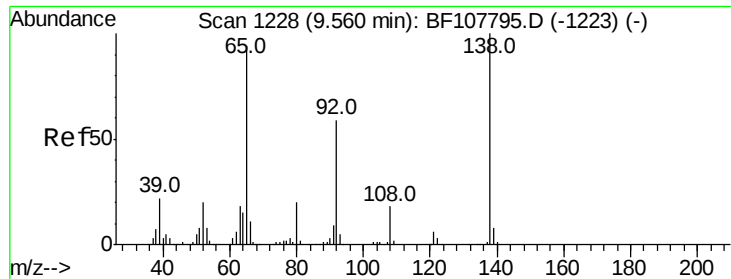


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

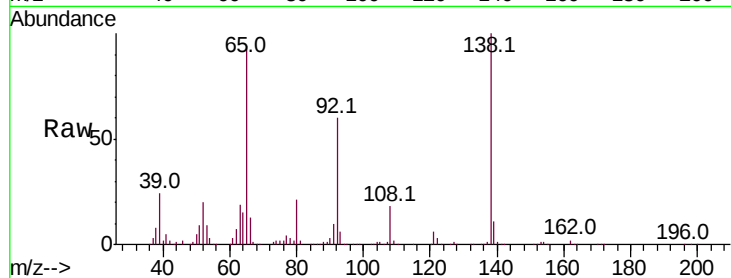




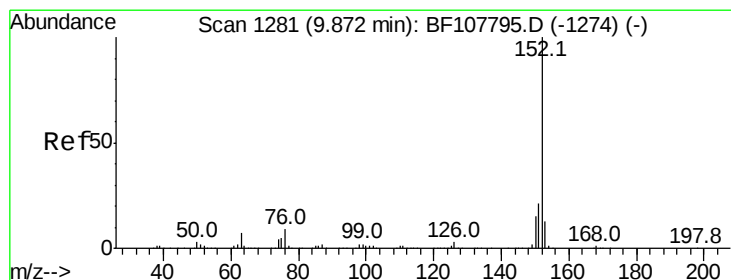
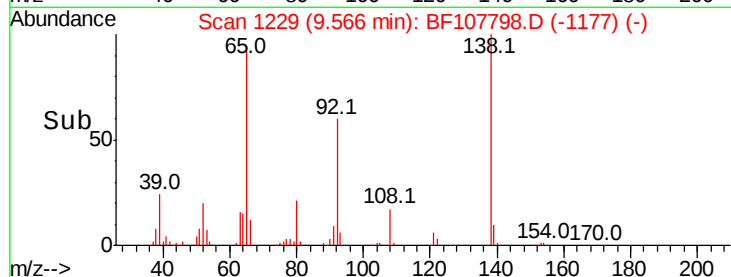
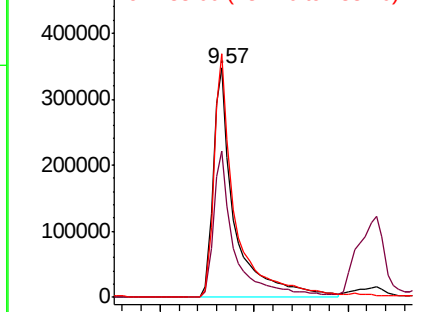
#47
2-Nitroaniline
Concen: 91.218 ng
RT: 9.57 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 549930
Ion Ratio Lower Upper
65 100
92 63.8 55.8 83.6
138 106.3 91.2 136.8

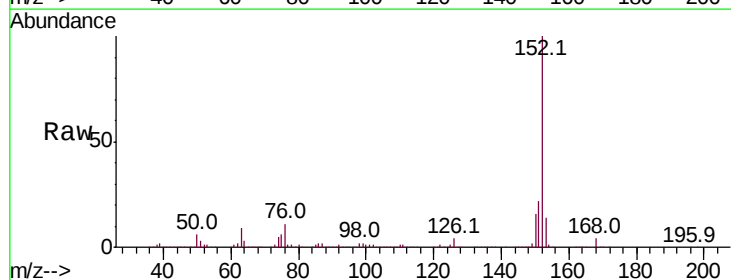


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

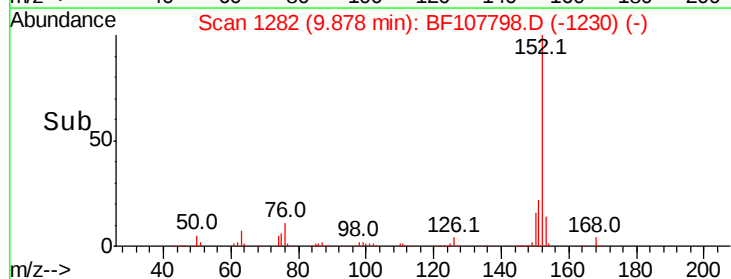
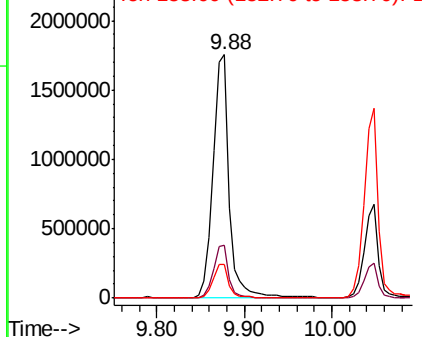


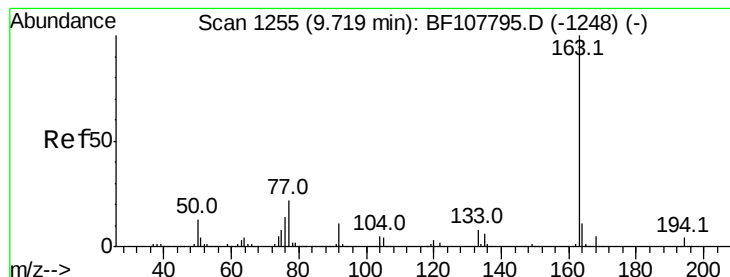
#48
Acenaphthylene
Concen: 72.831 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion: 152 Resp: 2262465
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5
153 13.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 75.748 ng

RT: 9.73 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

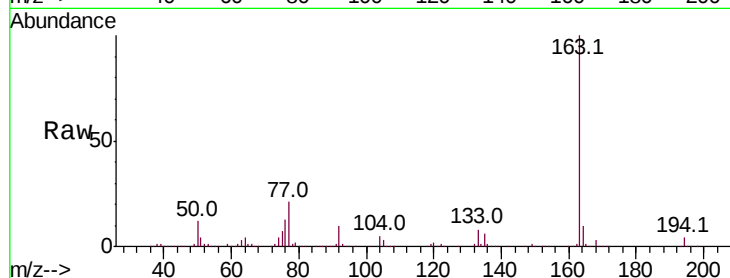
Tot Ion:163 Resp: 1772990

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

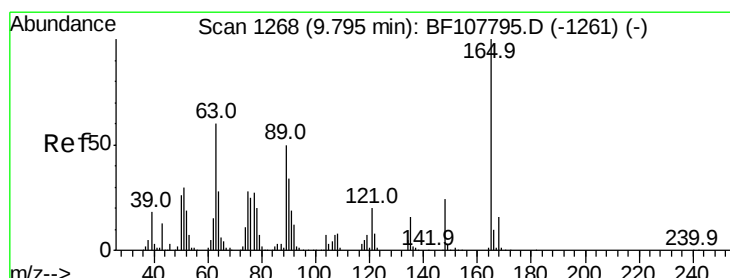
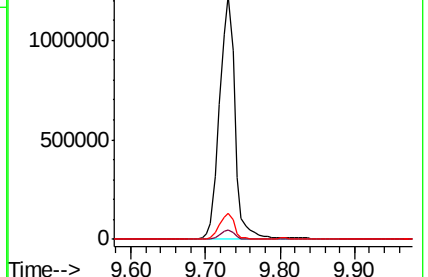
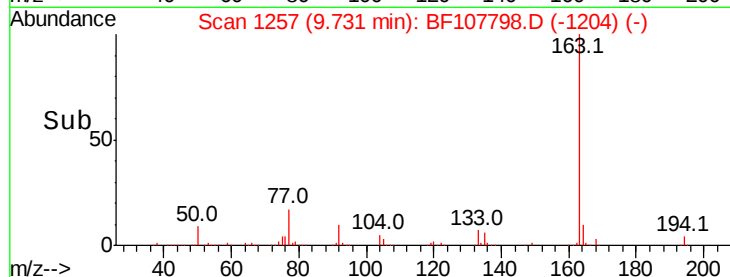
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 85.708 ng

RT: 9.80 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

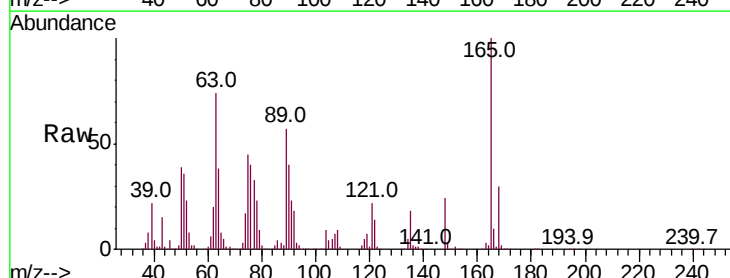
Tgt Ion:165 Resp: 398299

Ion Ratio Lower Upper

165 100

63 73.9 44.7 67.1#

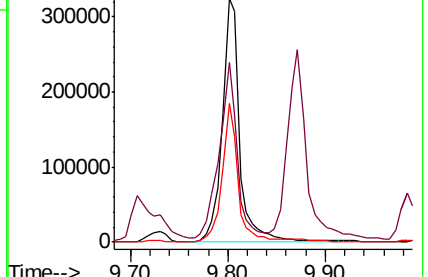
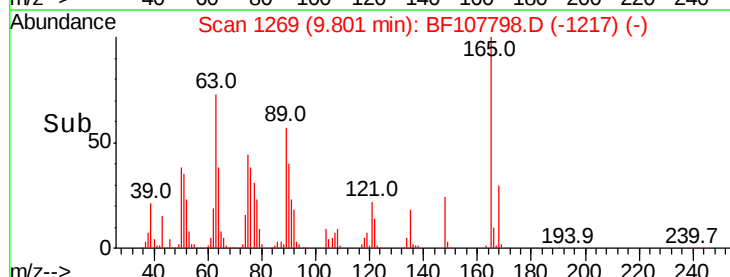
89 57.0 44.0 66.0

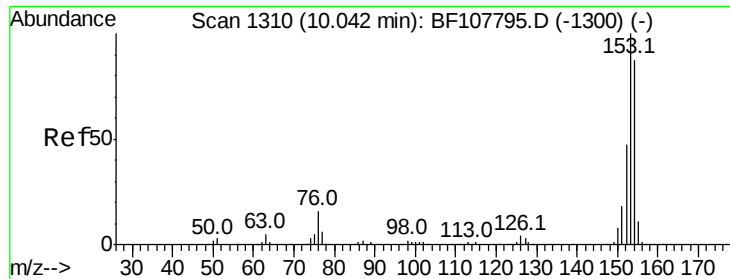


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 68.599 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

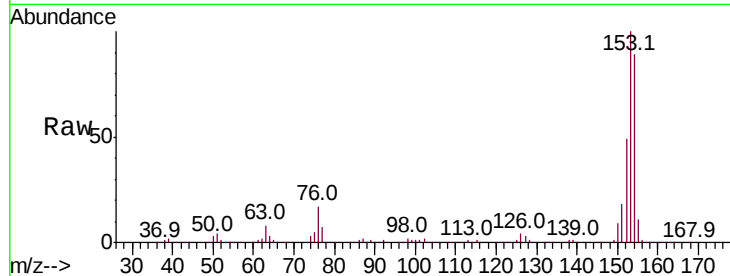
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1335188

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	55.8	43.8	65.8

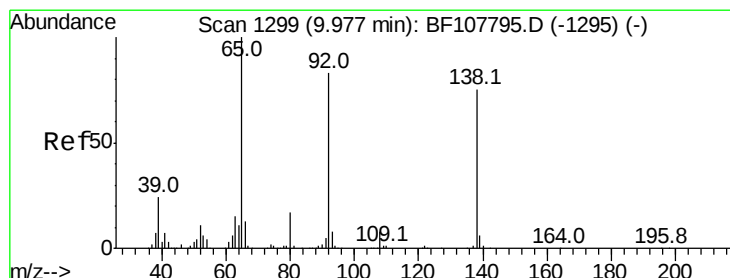
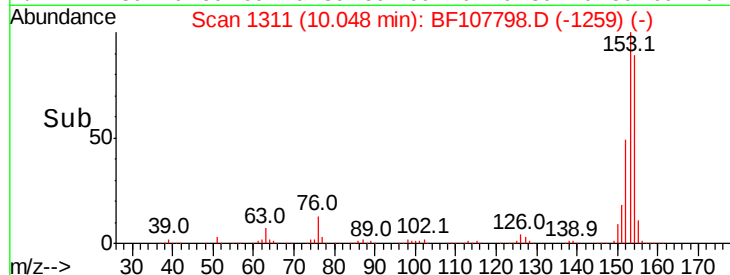
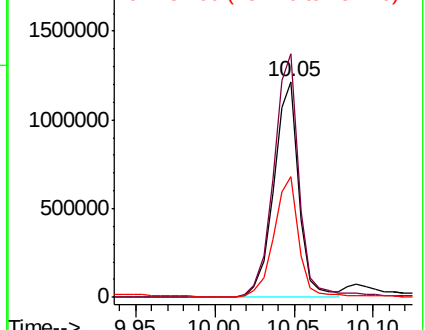


Abundance

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: 83.254 ng

RT: 9.98 min Scan# 1300

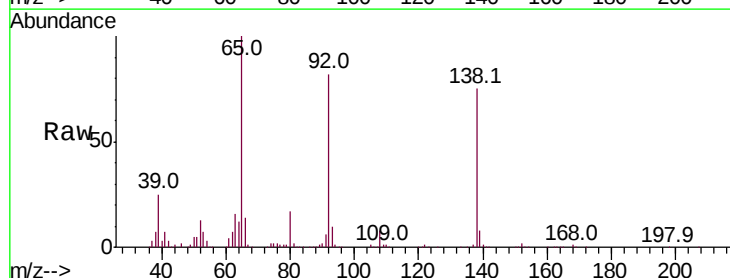
Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Tgt Ion:138 Resp: 470678

Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	110.0	89.4	134.2

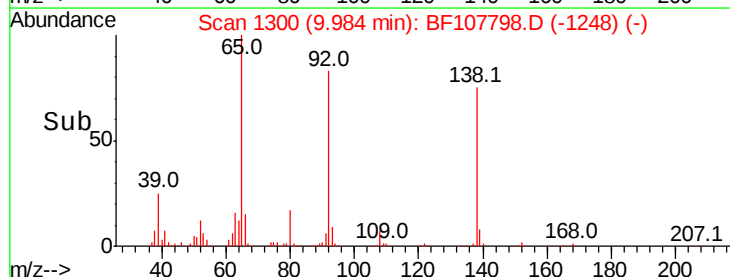
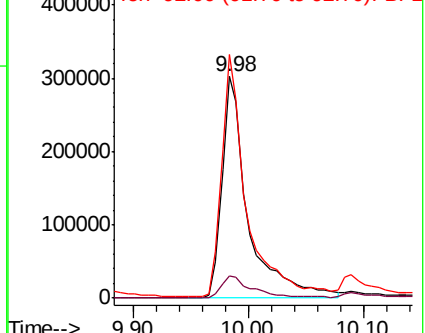


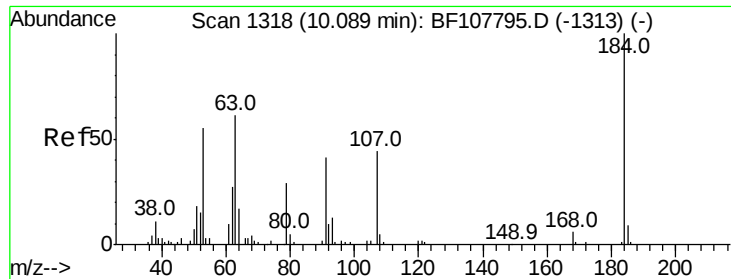
Abundance

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

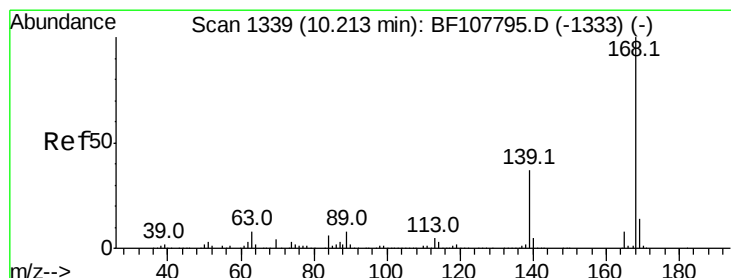
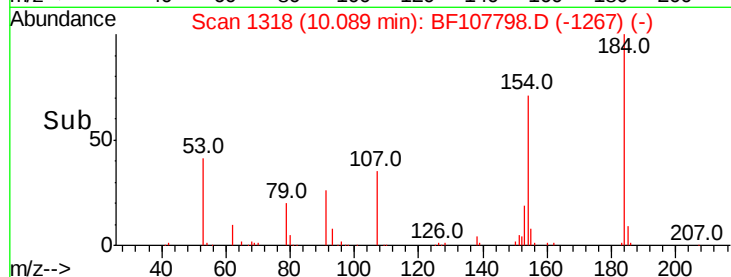
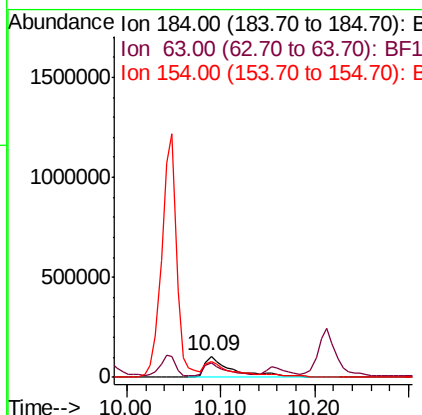
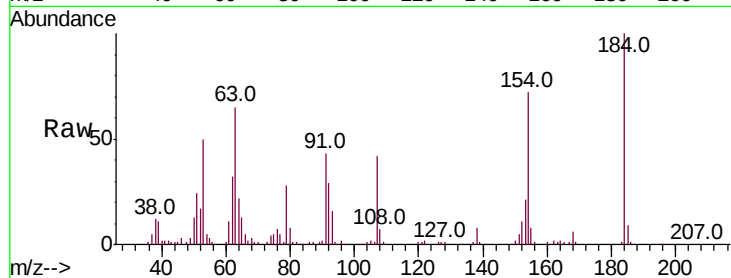




#53
 2,4-Dinitrophenol
 Concen: 147.165 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

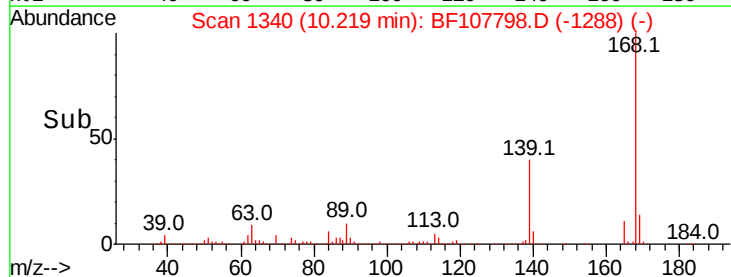
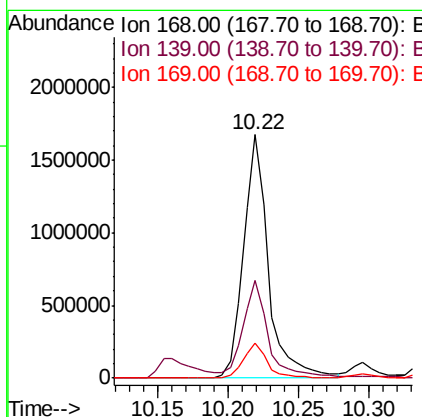
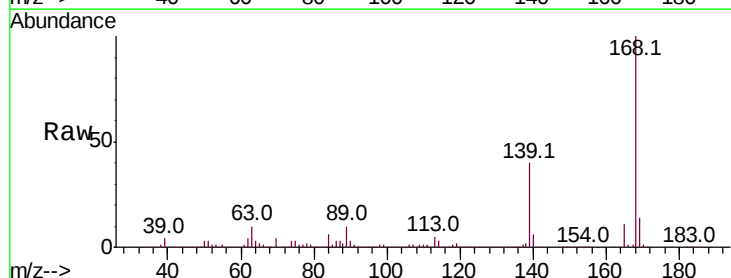
Instrument :
 BNA_F
 ClientSampleId :

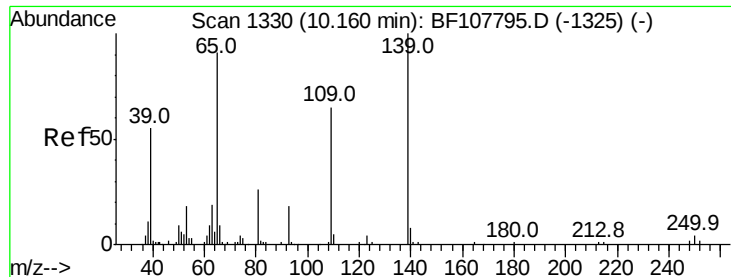
Tot Ion:184 Resp: 220494
 Ion Ratio Lower Upper
 184 100
 63 64.7 54.2 81.2
 154 72.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 71.447 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion:168 Resp: 2047276
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.1 45.1
 169 14.2 10.9 16.3

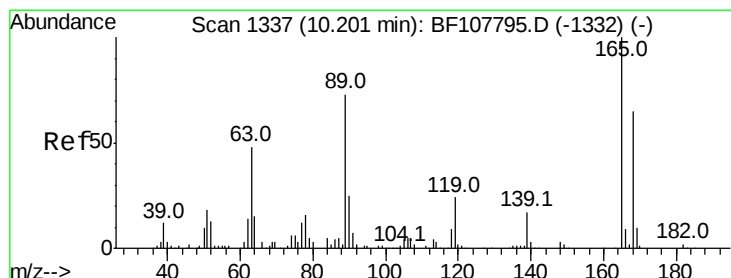
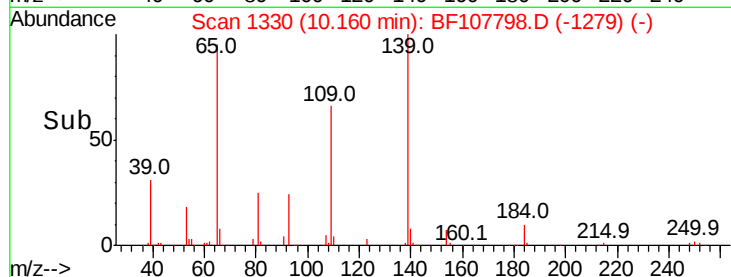
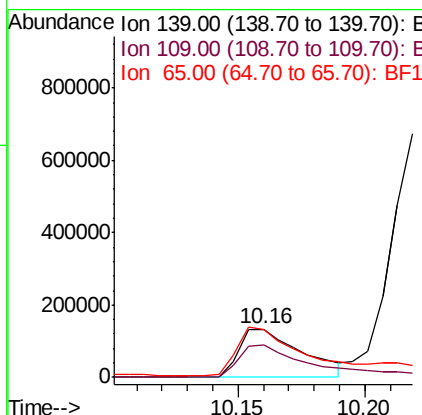
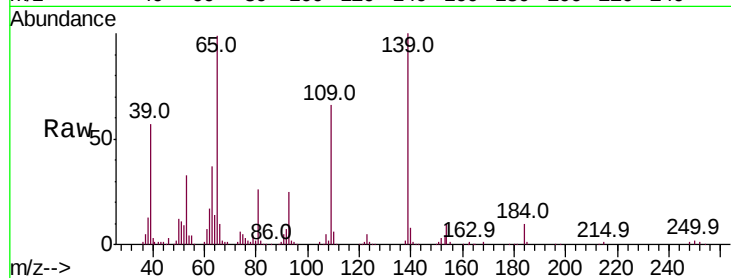




#55
4-Nitrophenol
Concen: 53.650 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

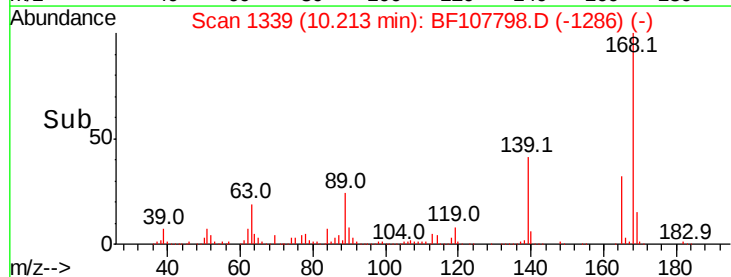
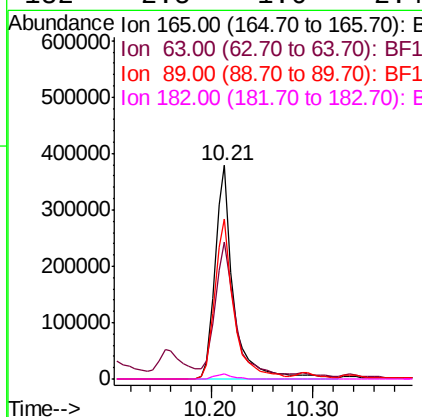
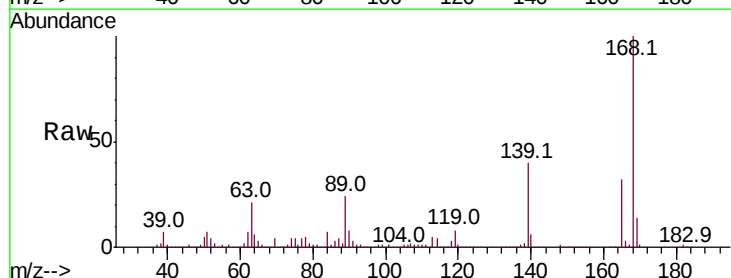
Instrument :
BNA_F
ClientSampleId :

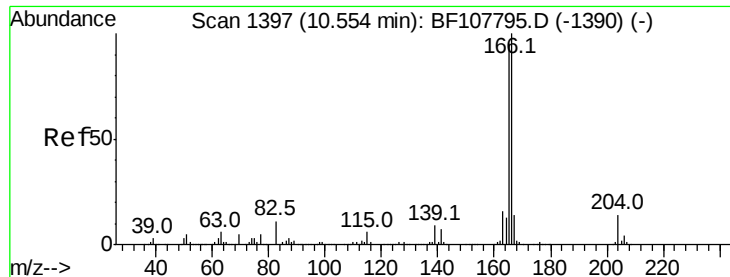
Tot Ion:139 Resp: 227092
Ion Ratio Lower Upper
139 100
109 66.4 48.4 88.4
65 99.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 85.781 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:165 Resp: 481195
Ion Ratio Lower Upper
165 100
63 64.3 36.4 54.6#
89 75.0 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 77.723 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

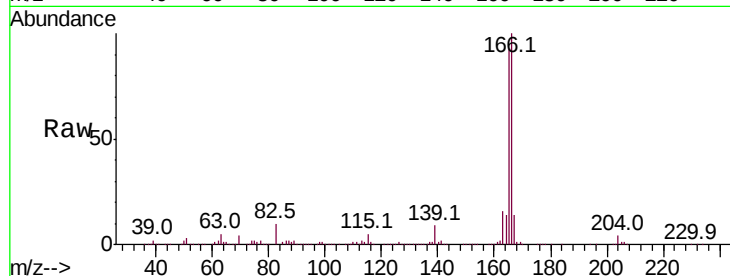
Tot Ion:166 Resp: 1588868

Ion Ratio Lower Upper

166 100

165 93.0 79.8 119.8

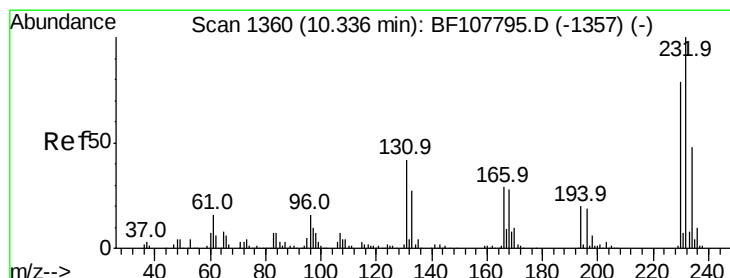
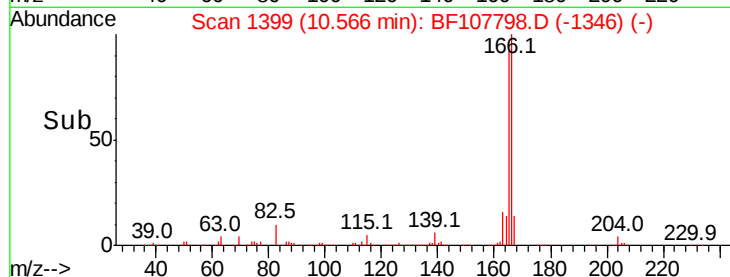
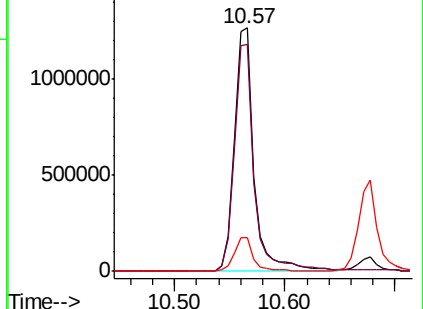
167 13.7 10.6 16.0



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: 82.688 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Tgt Ion:232 Resp: 476894

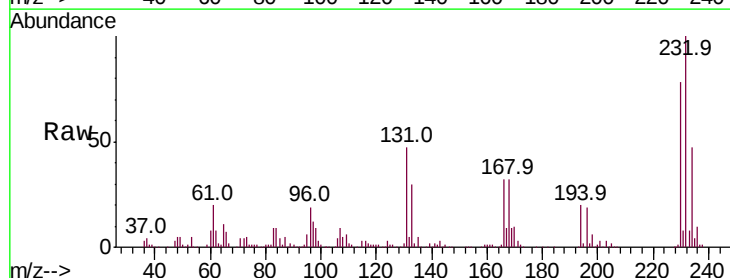
Ion Ratio Lower Upper

232 100

131 41.6 43.8 65.8#

130 2.1 2.1 3.1

166 28.2 27.8 41.6

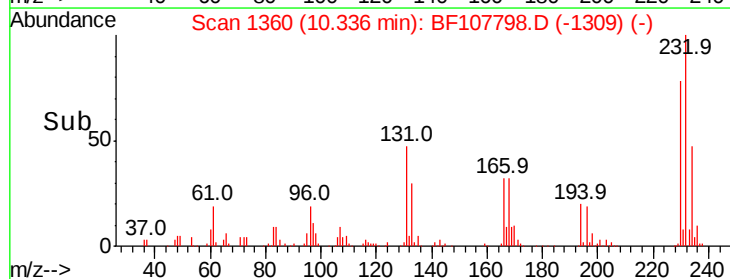
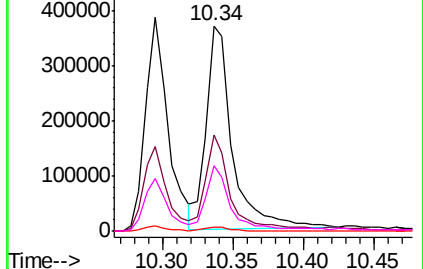


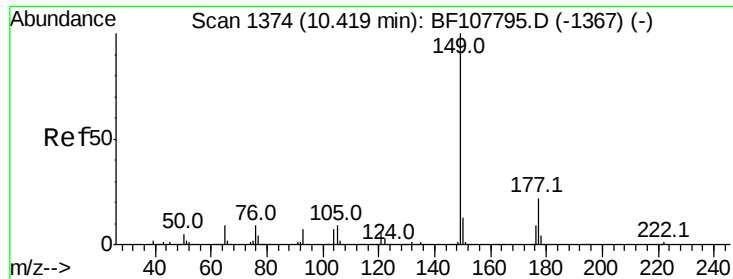
Abundance Ion 232.00 (231.70 to 232.70): E

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

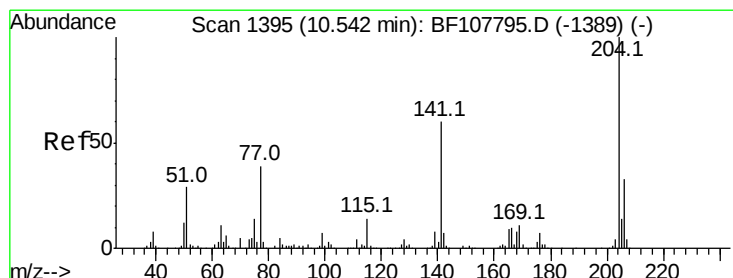
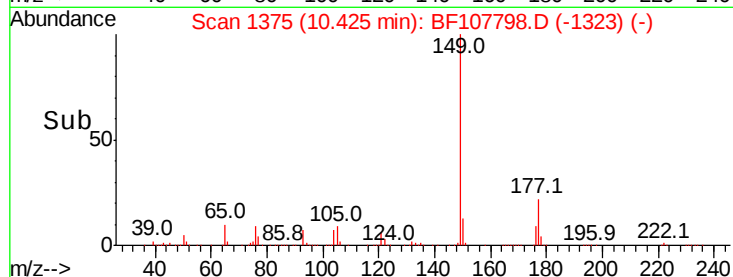
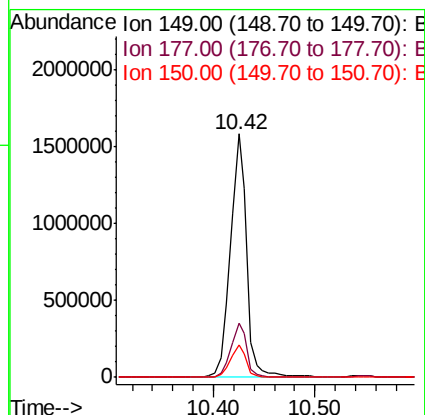
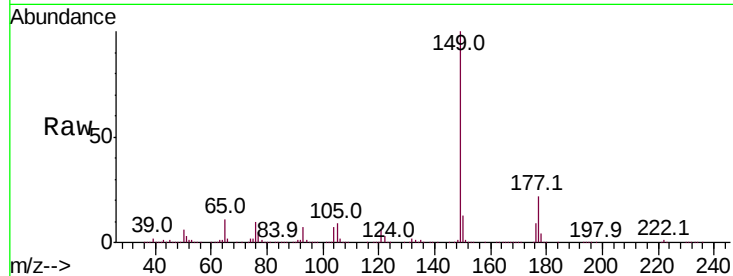




#59
Diethylphthalate
Concen: 72.436 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

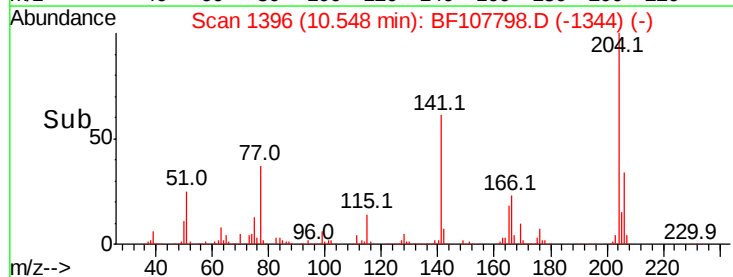
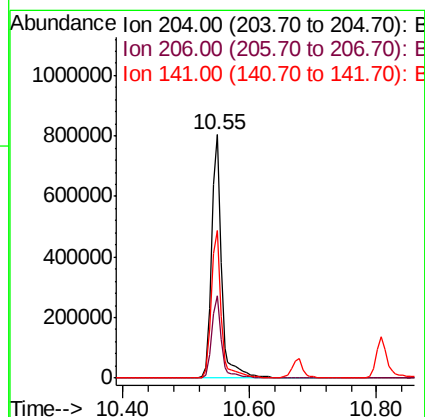
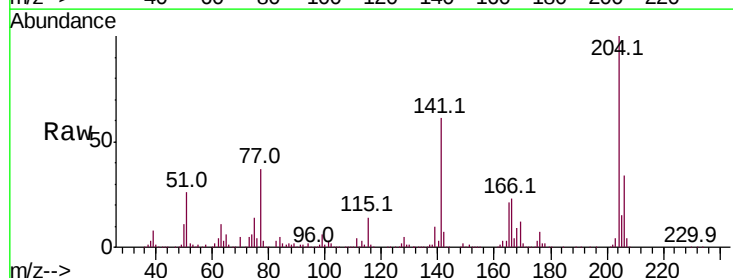
Instrument :
BNA_F
ClientSampleId :

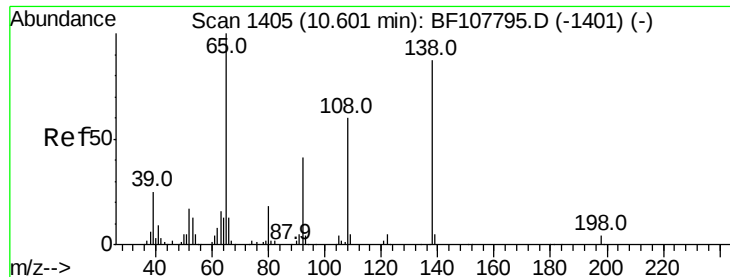
Tot Ion:149 Resp: 1770740
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 13.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 75.689 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:204 Resp: 874717
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 60.7 54.6 81.8





#61

4-Nitroaniline

Concen: 91.886 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.02 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

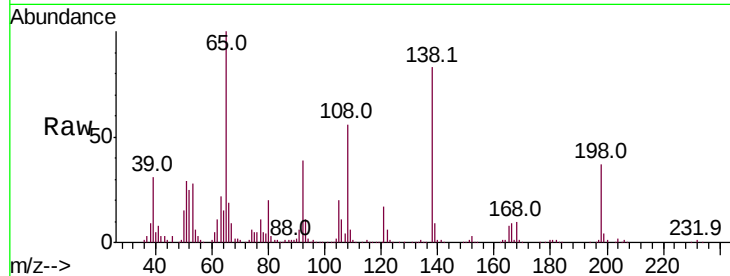
Tot Ion:138 Resp: 436450

Ion Ratio Lower Upper

138 100

92 47.6 30.2 70.2

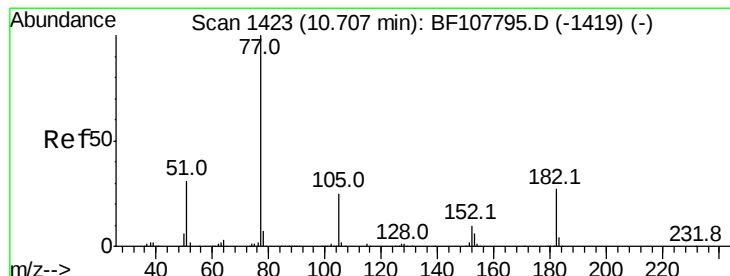
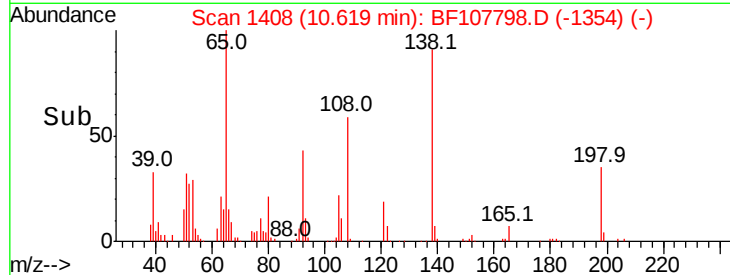
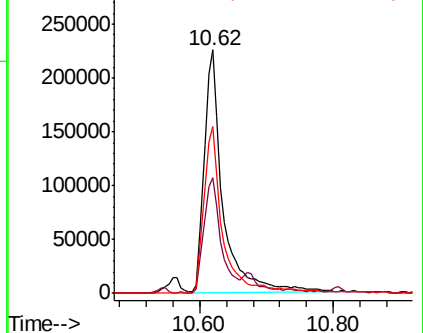
108 68.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 71.615 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Tgt Ion: 77 Resp: 1641576

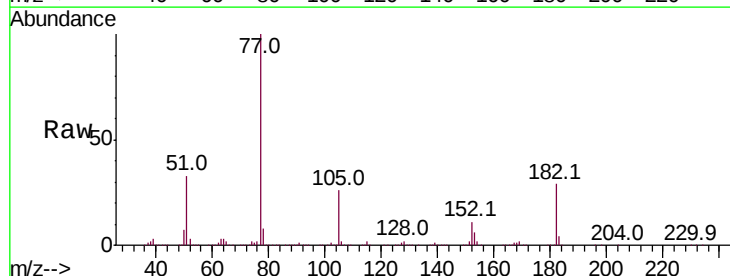
Ion Ratio Lower Upper

77 100

182 28.6 1.7 41.7

105 25.8 3.0 43.0

51 33.3 9.9 49.9

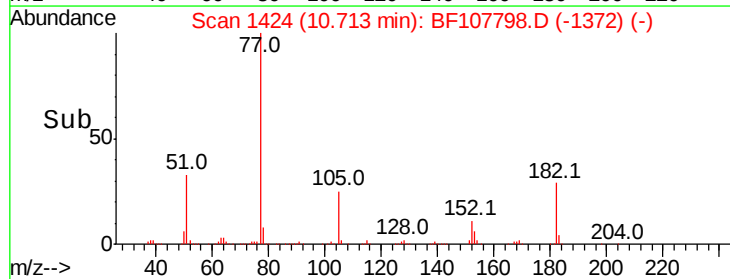
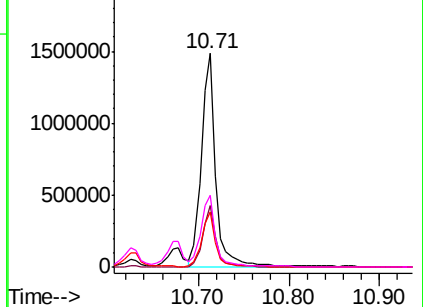


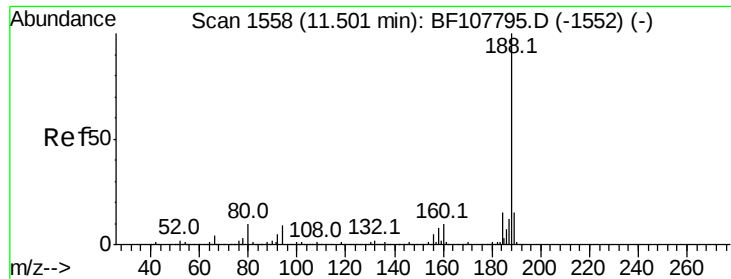
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

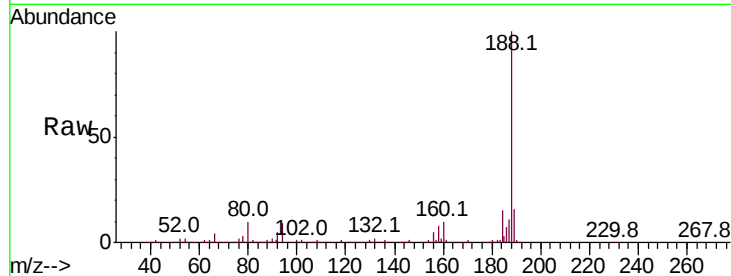
Tot Ion:188 Resp: 649497

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

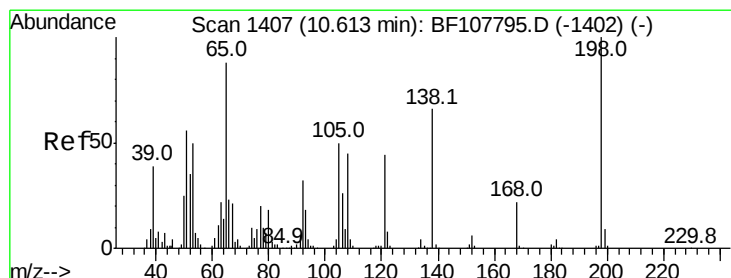
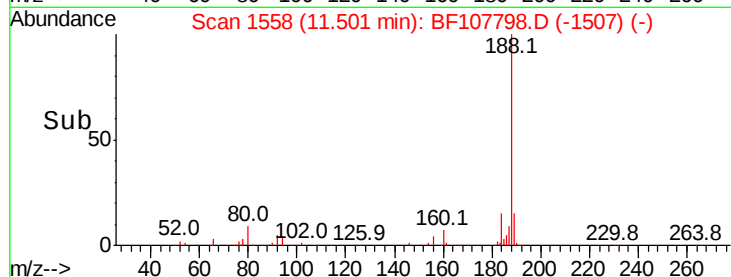
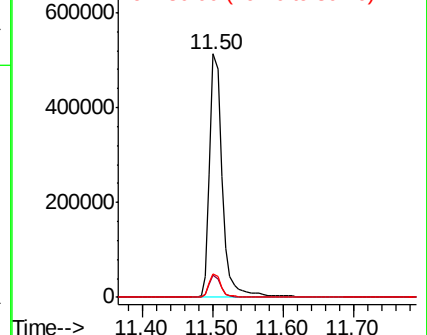
80 9.9 9.2 13.8



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: 109.491 ng

RT: 10.63 min Scan# 1410

Delta R.T. 0.02 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

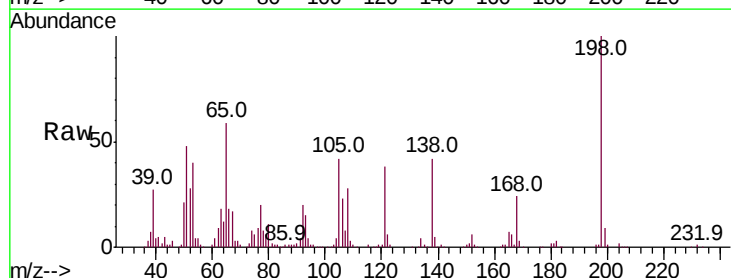
Tgt Ion:198 Resp: 297678

Ion Ratio Lower Upper

198 100

51 48.1 37.7 77.7

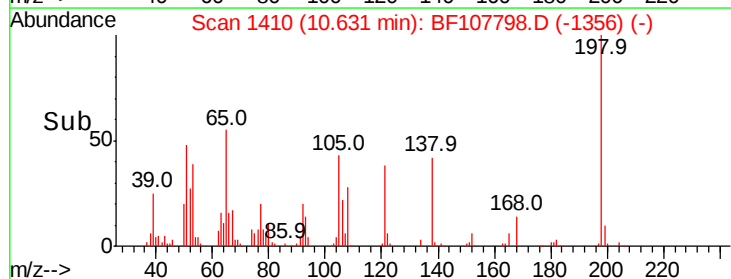
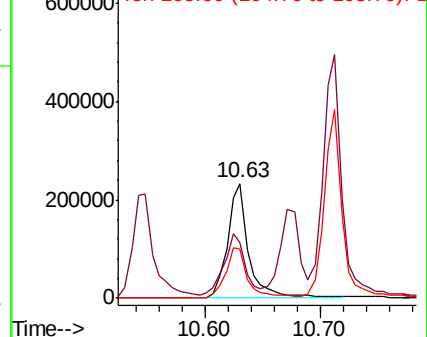
105 42.5 36.3 76.3

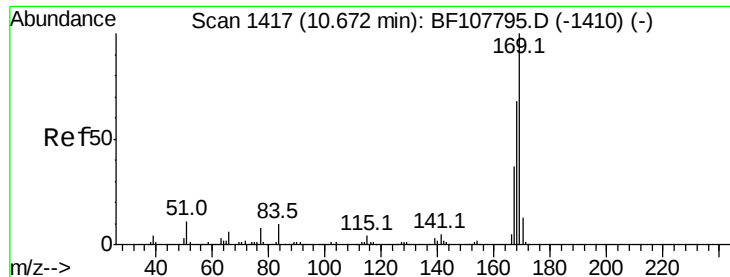


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

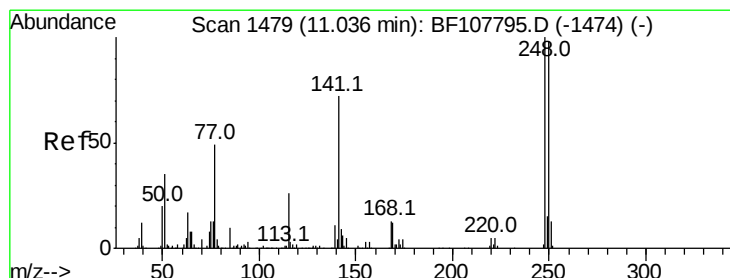
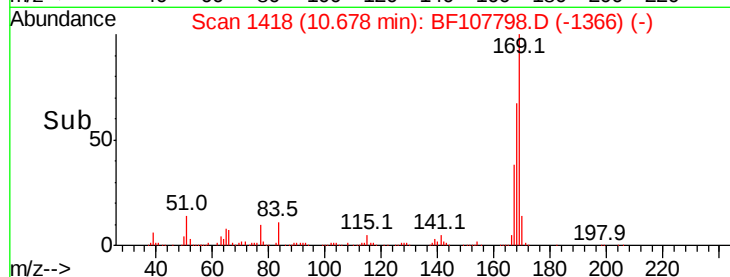
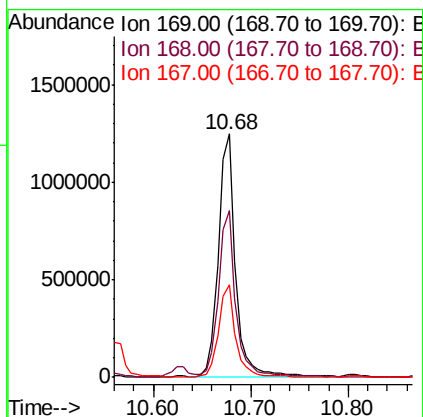
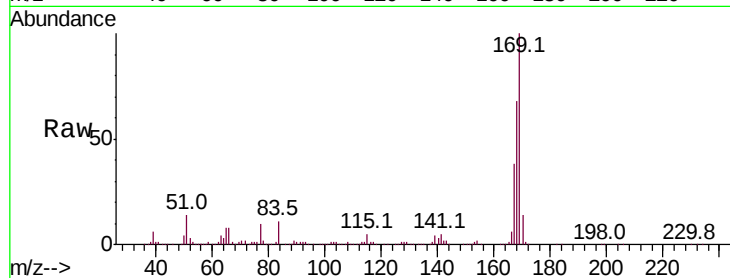




#65
n-Nitrosodiphenylamine
Concen: 68.867 ng
RT: 10.68 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

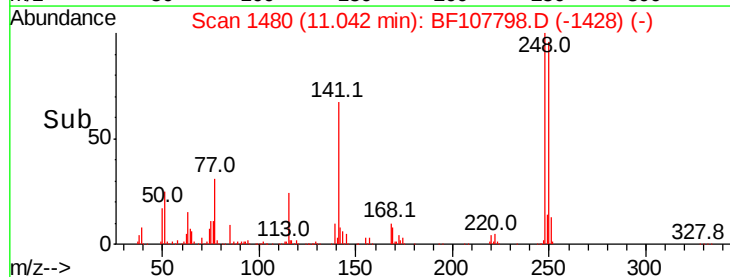
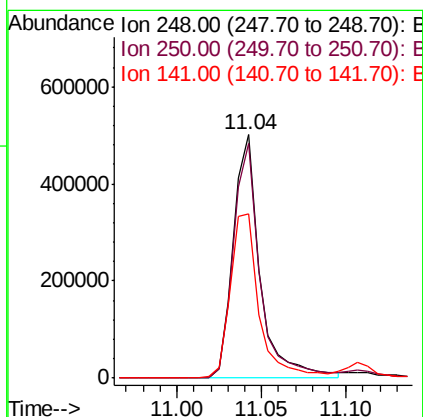
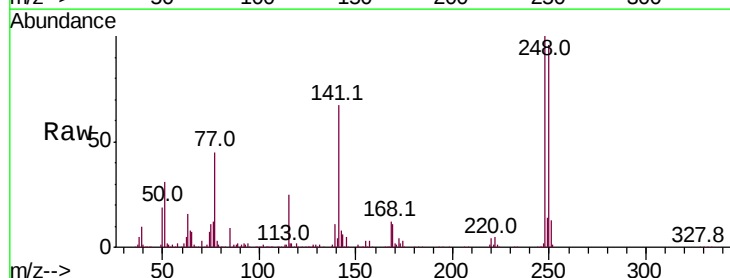
Instrument :
BNA_F
ClientSampleId :

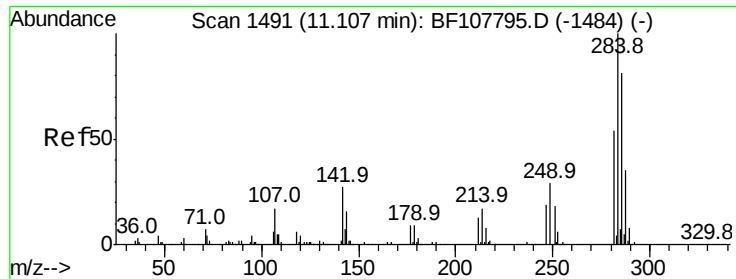
Tot Ion:169 Resp: 1519110
Ion Ratio Lower Upper
169 100
168 68.3 54.4 81.6
167 38.0 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 72.098 ng
RT: 11.04 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:248 Resp: 551240
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 67.5 74.4 111.6#

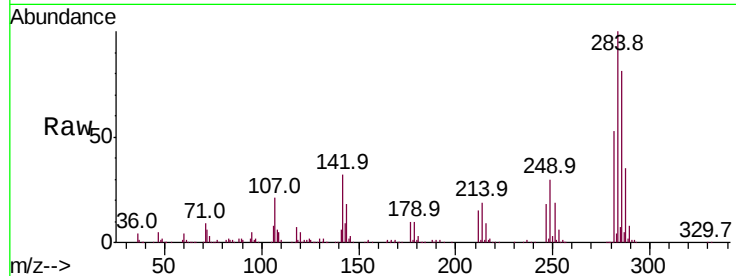




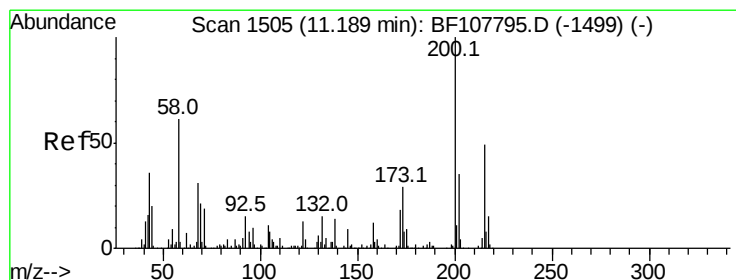
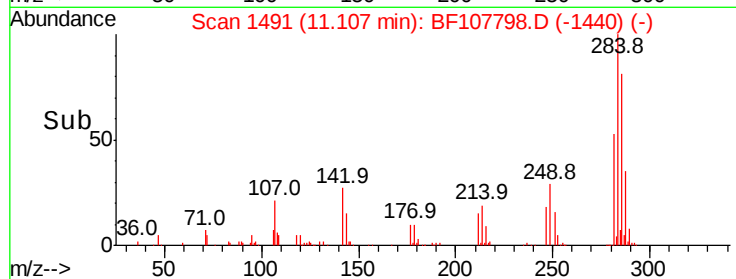
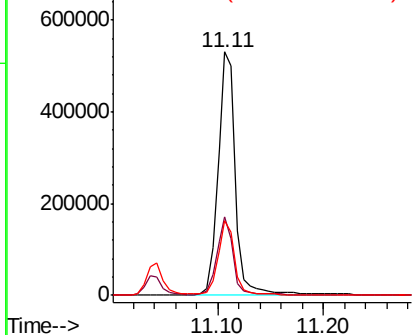
#67
Hexachlorobenzene
Concen: 73.236 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.3	34.6	52.0#
249	30.5	24.8	37.2

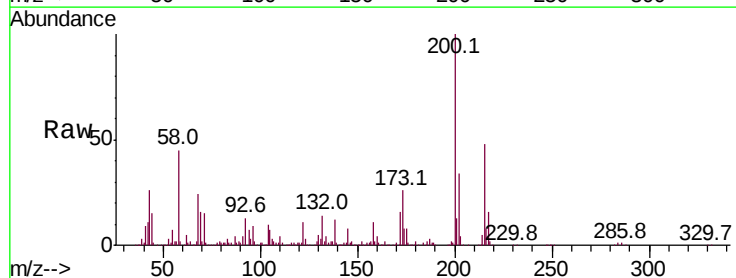


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

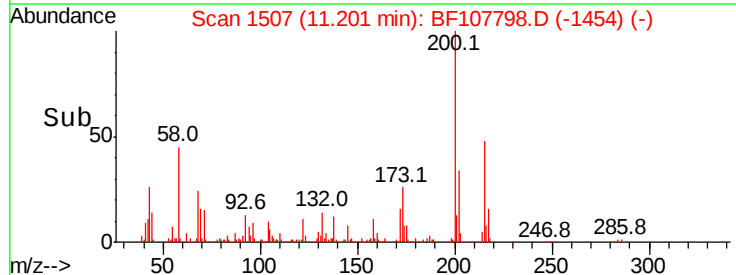
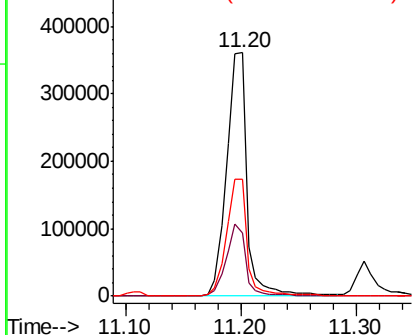


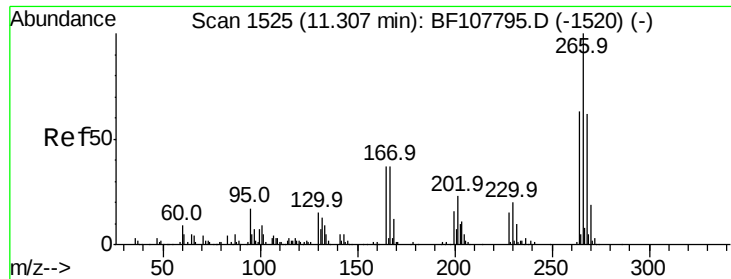
#68
Atrazine
Concen: 65.765 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	8.6	48.6
215	48.2	25.1	65.1



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

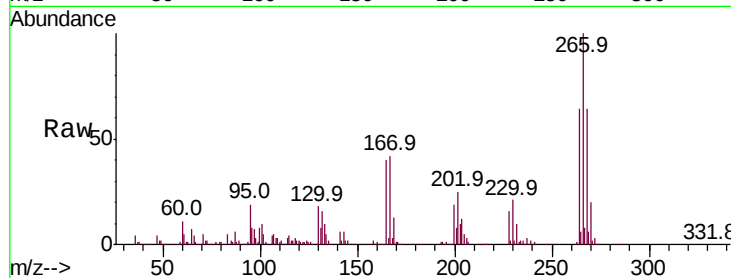




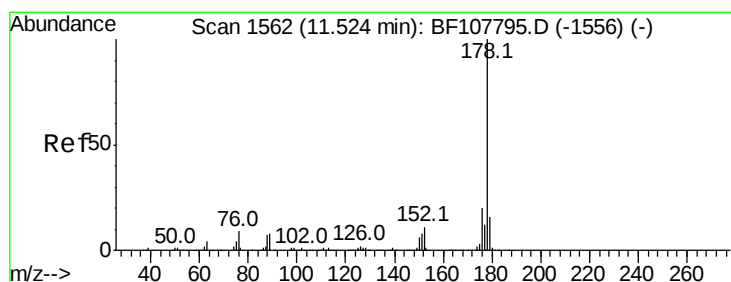
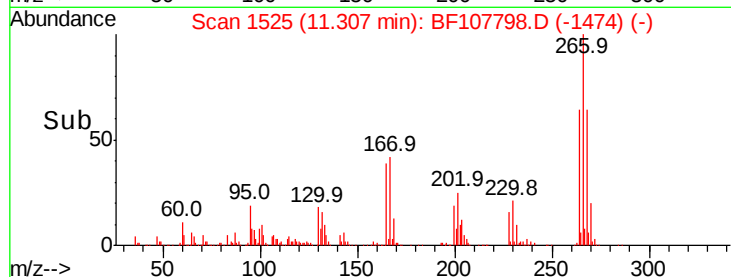
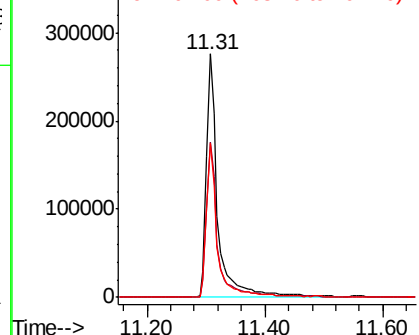
#69
 Pentachlorophenol
 Concen: 70.148 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.5	49.5	74.3

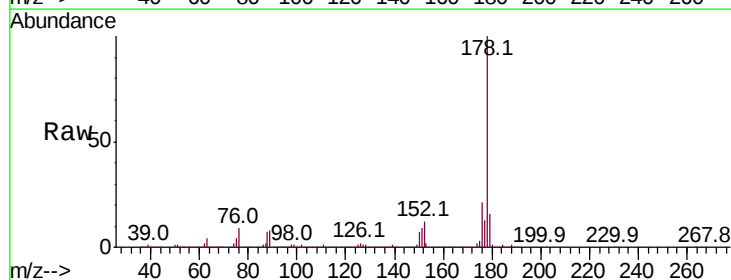


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

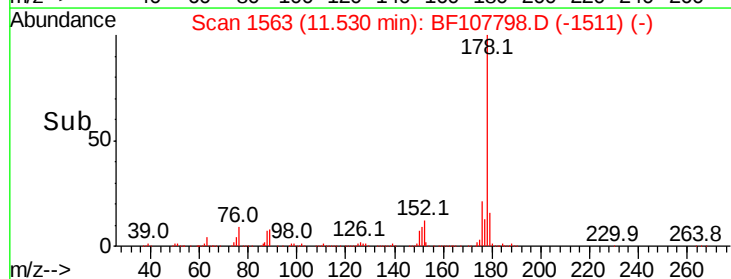
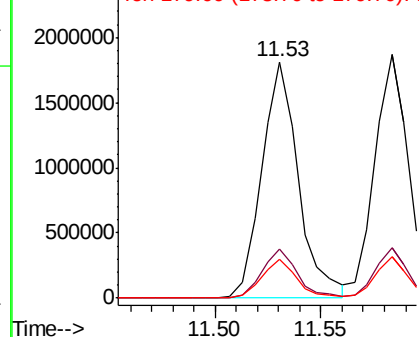


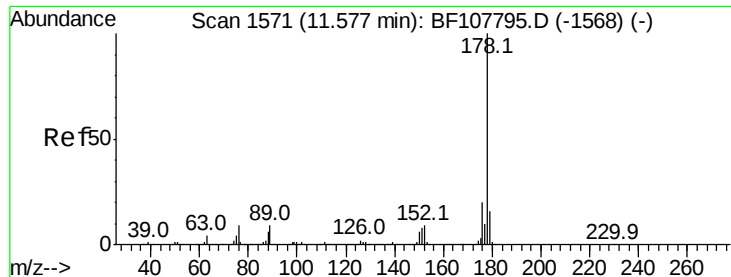
#70
 Phenanthrene
 Concen: 69.114 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	16.4	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

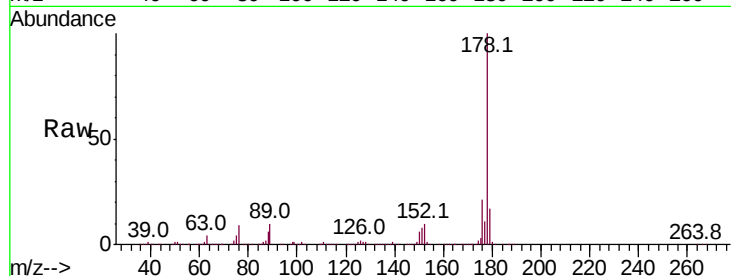




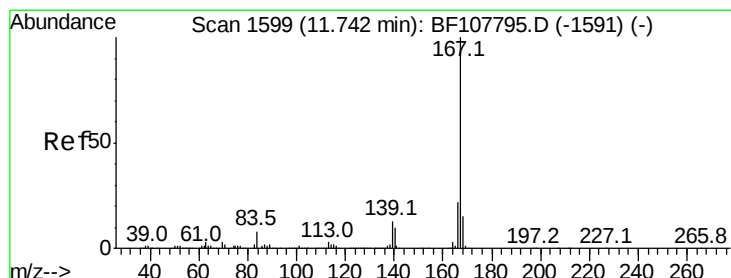
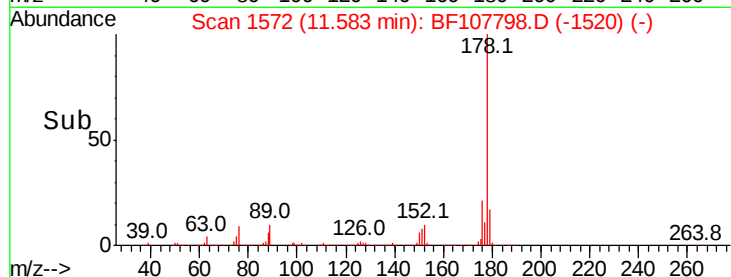
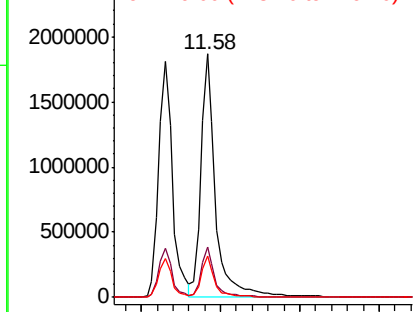
#71
 Anthracene
 Concen: 76.024 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 2422656
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 16.9 12.6 19.0

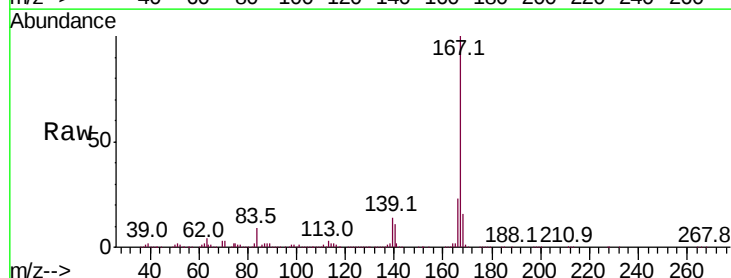


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

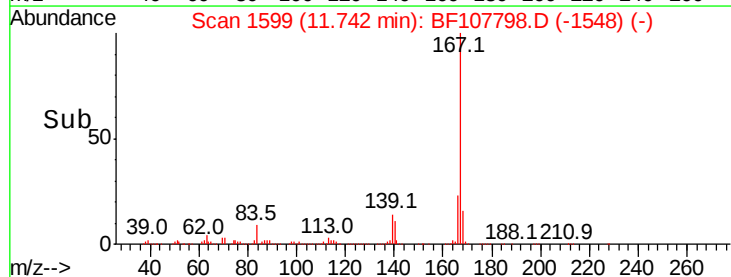
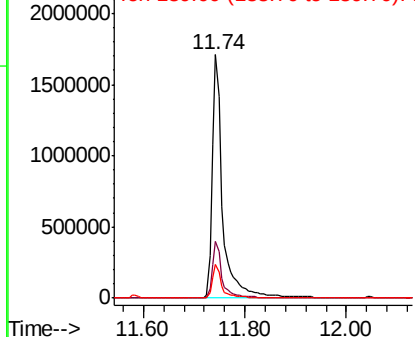


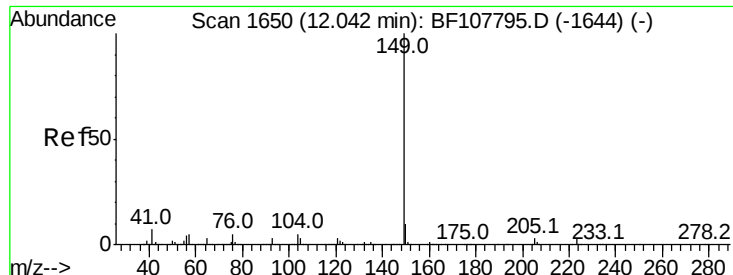
#72
 Carbazole
 Concen: 73.900 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion:167 Resp: 2448904
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.6 26.4
 139 14.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

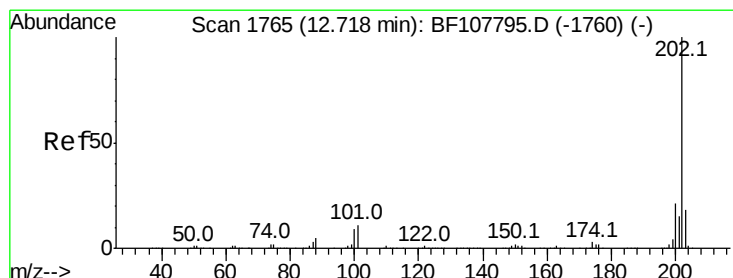
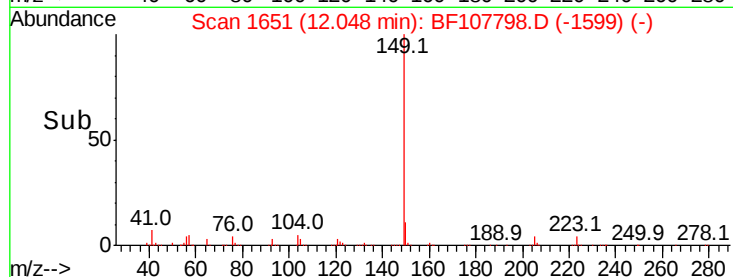
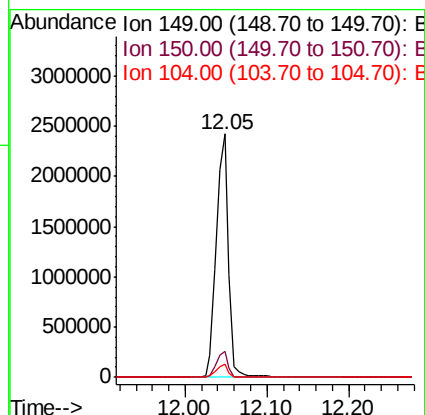
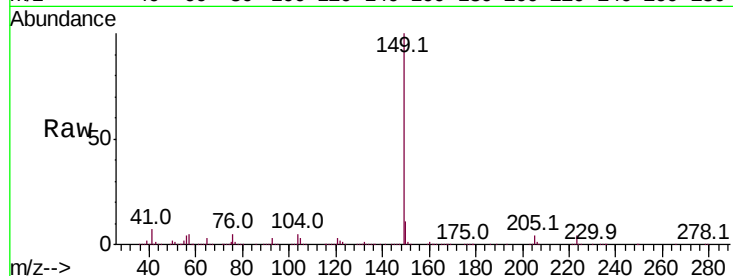




#73
Di-n-butylphthalate
Concen: 67.661 ng
RT: 12.05 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

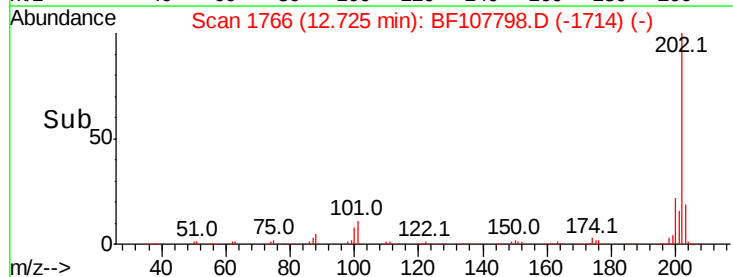
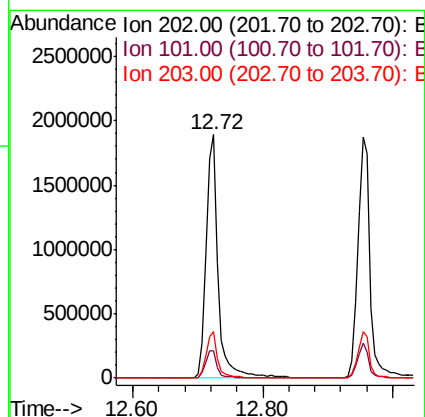
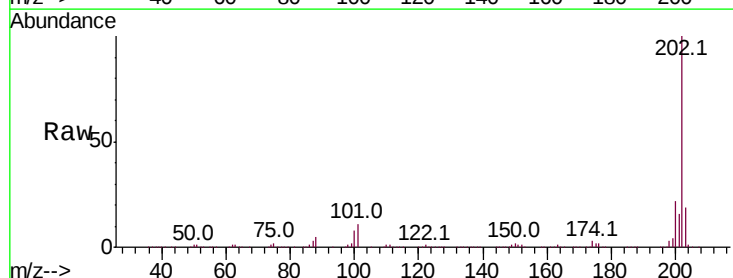
Instrument :
BNA_F
ClientSampleId :

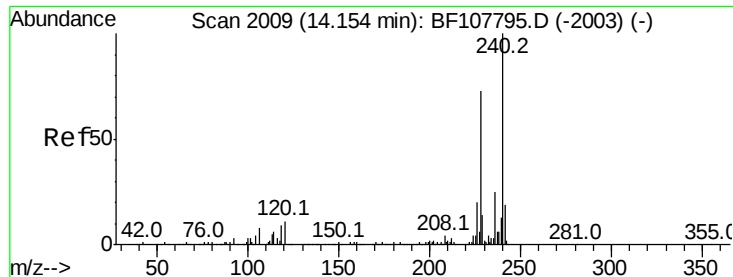
Tot Ion:149 Resp: 2538324
Ion Ratio Lower Upper
149 100
150 10.7 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 70.876 ng
RT: 12.72 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:202 Resp: 2407167
Ion Ratio Lower Upper
202 100
101 11.2 0.0 34.1
203 18.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampled :

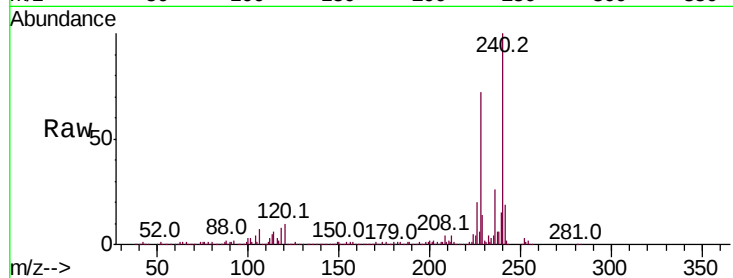
Tot Ion:240 Resp: 427168

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

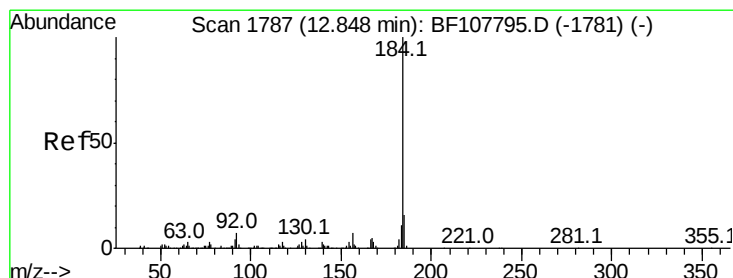
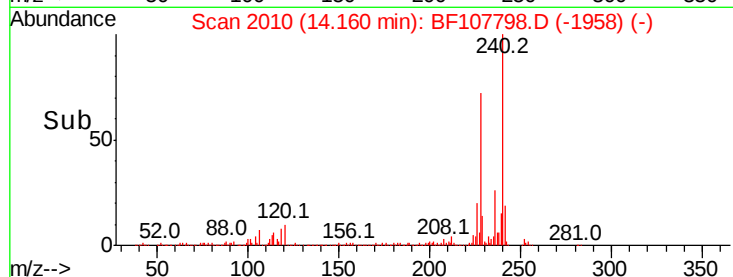
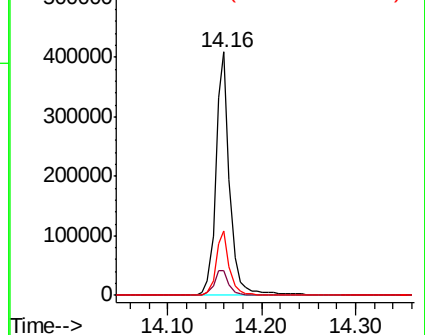
236 26.3 20.7 31.1



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: 91.211 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

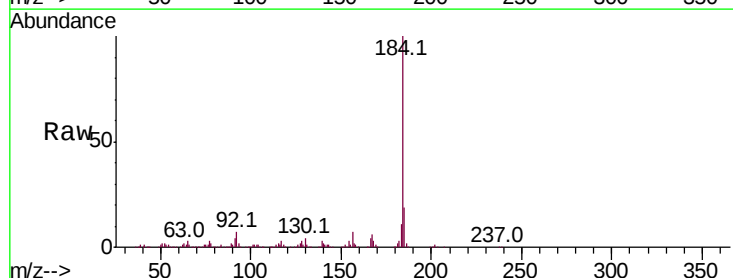
Tgt Ion:184 Resp: 1122052

Ion Ratio Lower Upper

184 100

185 19.2 12.6 18.8#

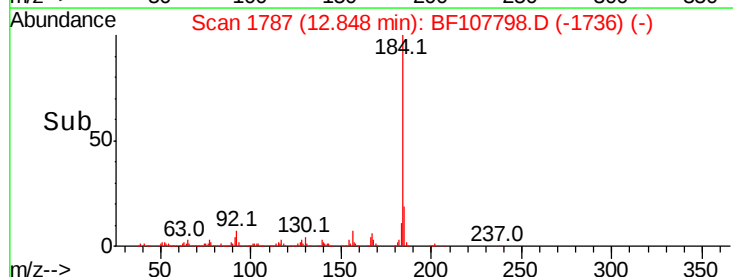
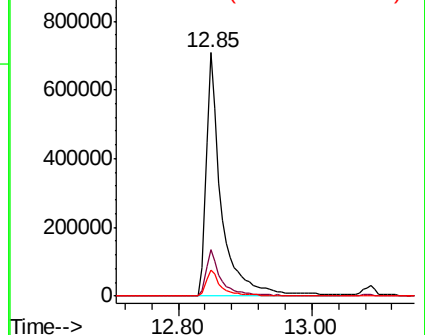
183 10.9 9.3 13.9

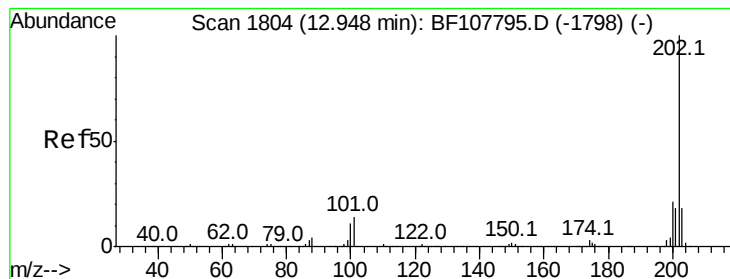


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 82.593 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

Instrument :

BNA_F

ClientSampleId :

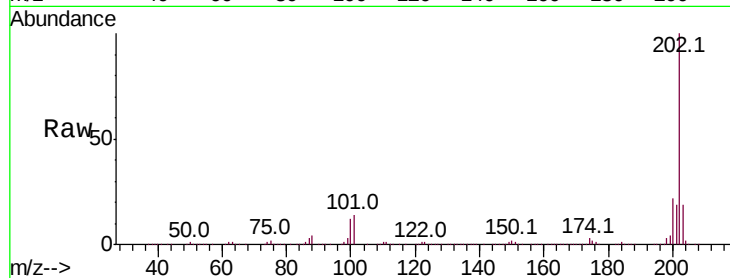
Tot Ion:202 Resp: 2413267

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

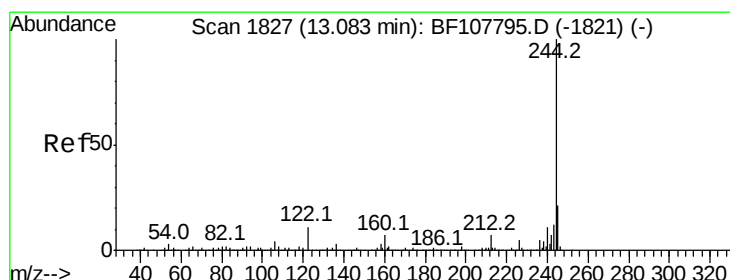
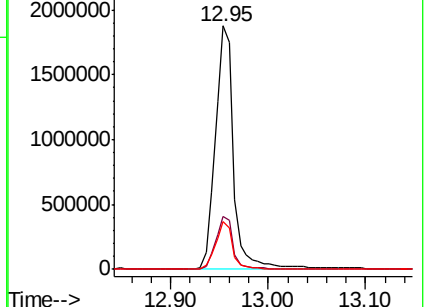
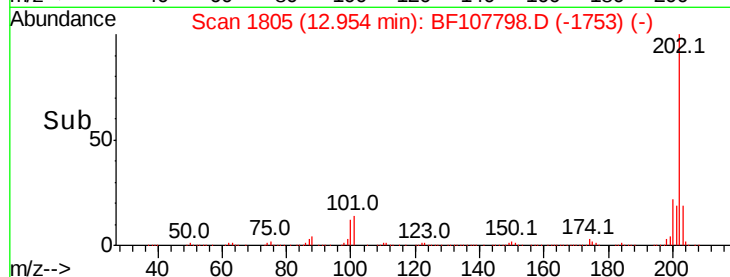
203 19.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 172.203 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF107798.D

Acq: 30 Jul 2018 13:55

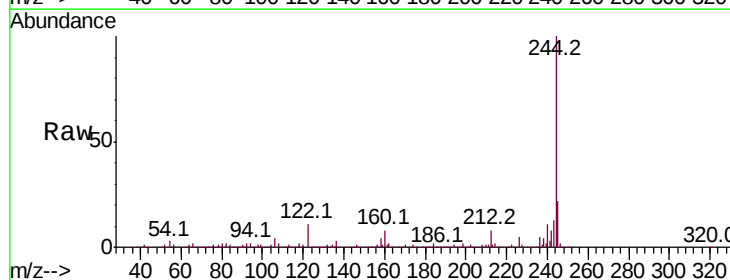
Tgt Ion:244 Resp: 2873324

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

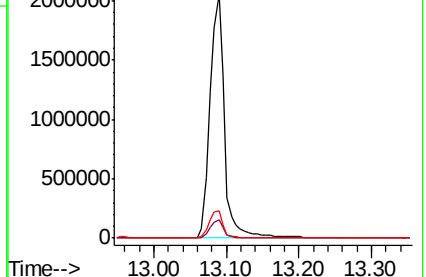
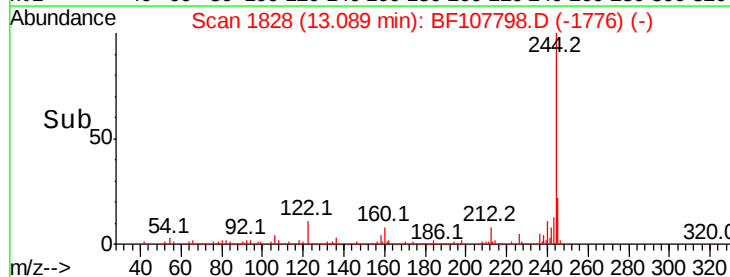
122 11.4 11.0 16.4

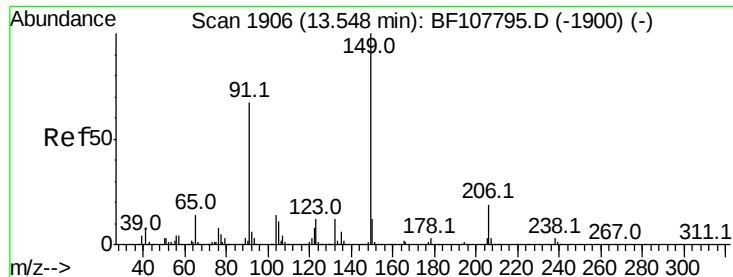


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

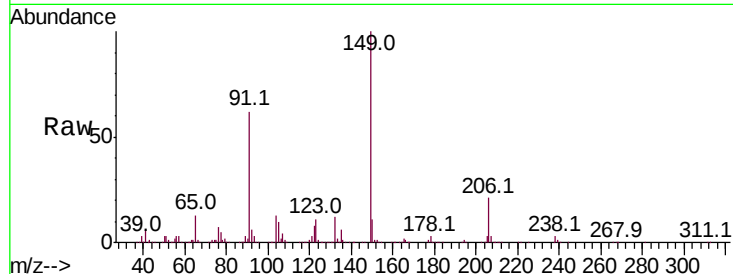




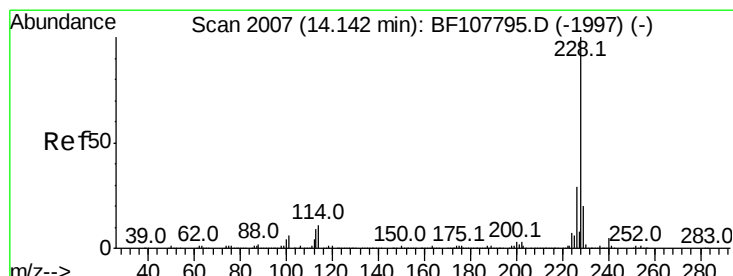
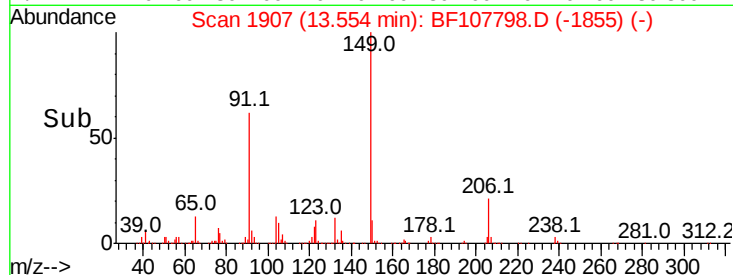
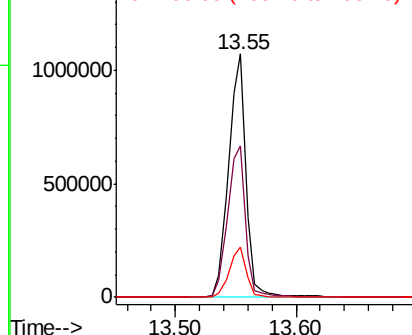
#79
Butylbenzylphthalate
Concen: 85.158 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1070069
Ion Ratio Lower Upper
149 100
91 62.4 56.8 85.2
206 20.9 14.1 21.1

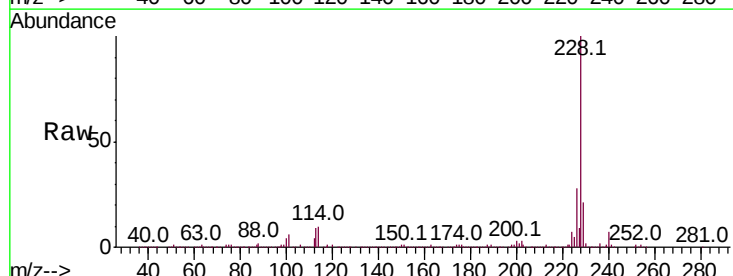


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

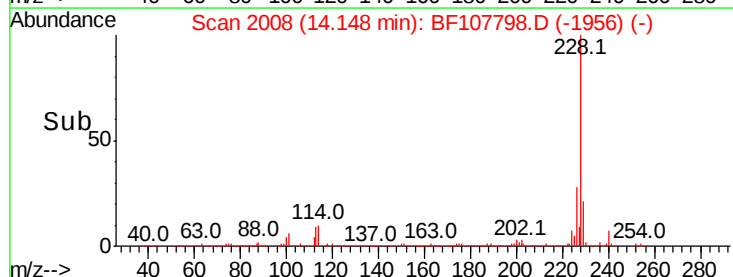
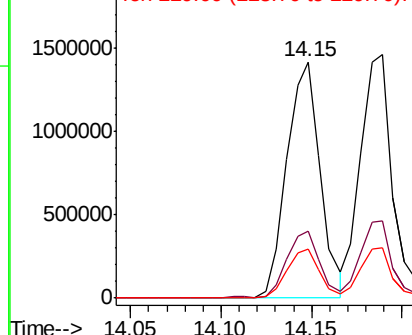


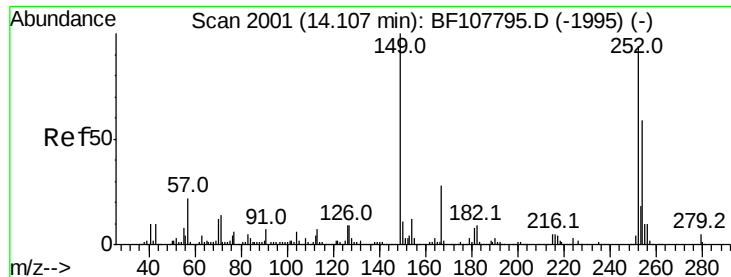
#80
Benzo(a)anthracene
Concen: 72.973 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:228 Resp: 1826724
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

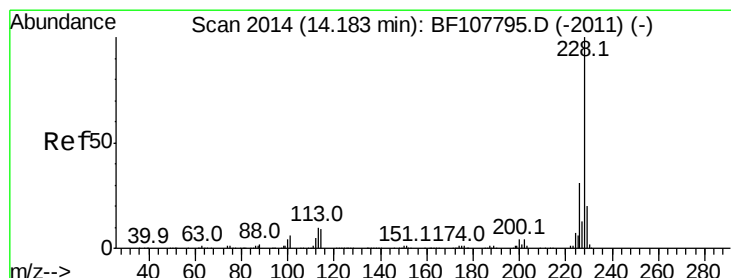
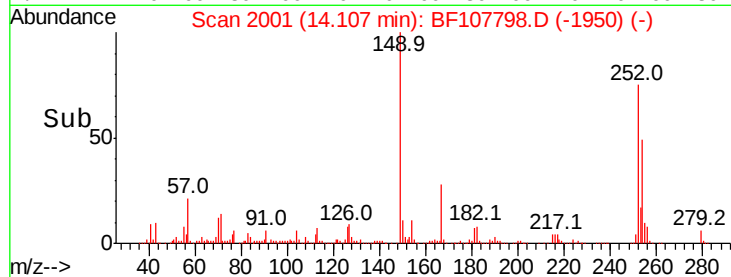
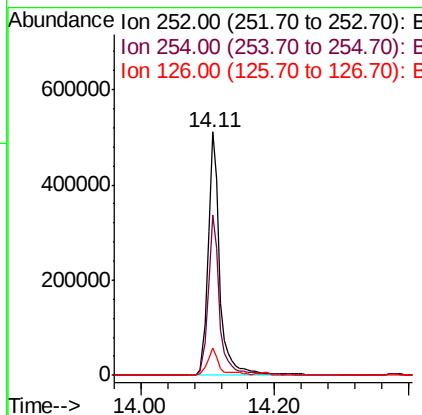
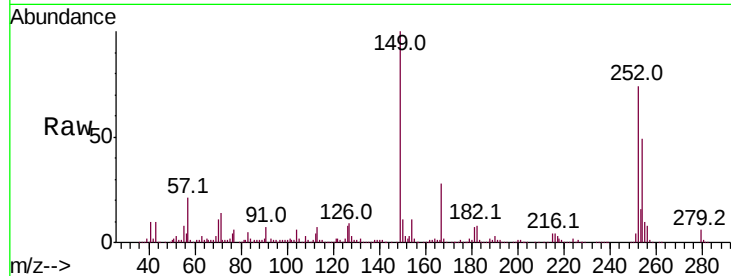




#81
 3,3'-Dichlorobenzidine
 Concen: 79.451 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

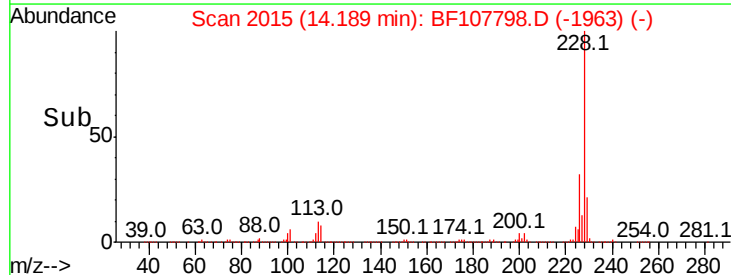
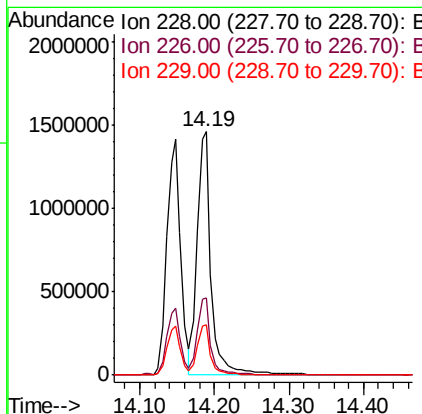
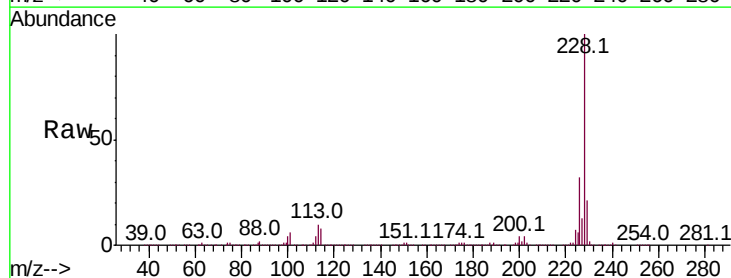
Instrument :
 BNA_F
 ClientSampleId :

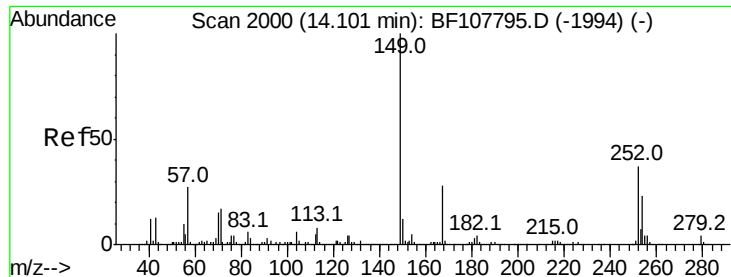
Tot Ion:252 Resp: 629763
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.4 75.6
 126 11.4 11.3 16.9



#82
 Chrysene
 Concen: 79.669 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion:228 Resp: 1915771
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 20.6 16.2 24.4

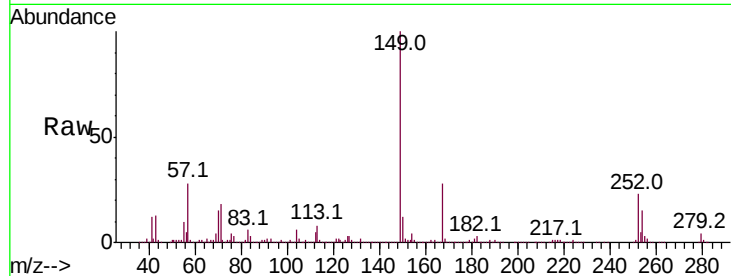




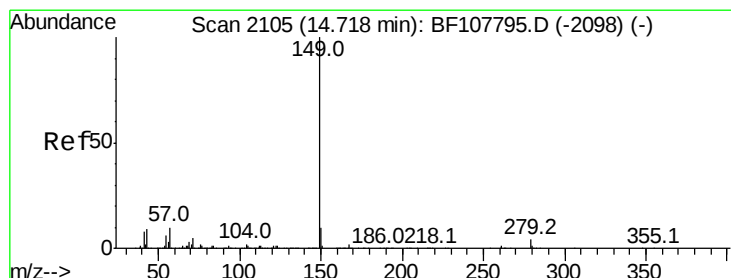
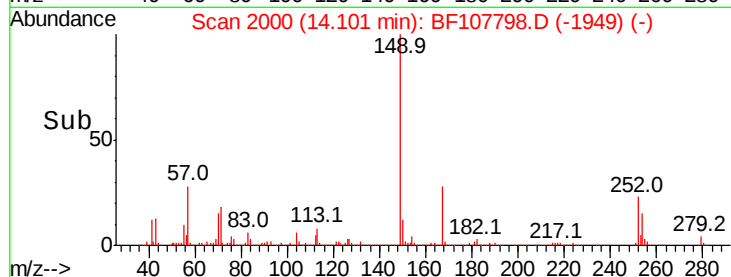
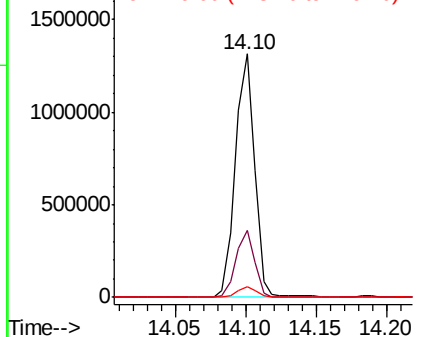
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 70.444 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1248968
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 4.2 3.0 4.4

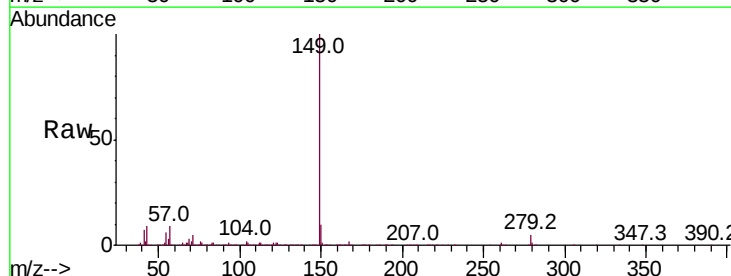


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

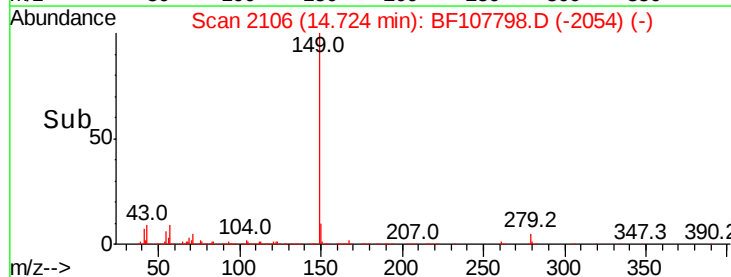
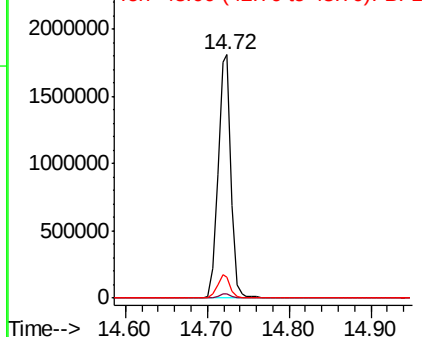


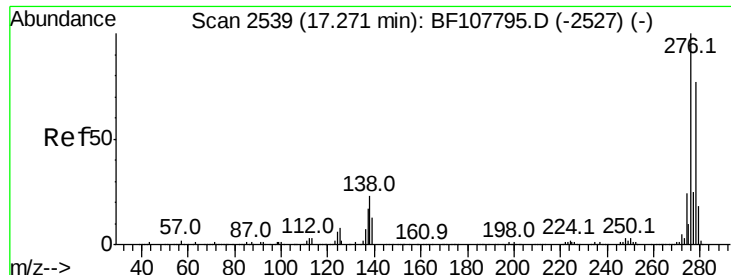
#84
 Di-n-octyl phthalate
 Concen: 71.793 ng
 RT: 14.72 min Scan# 2106
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Tgt Ion:149 Resp: 1978556
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.4 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



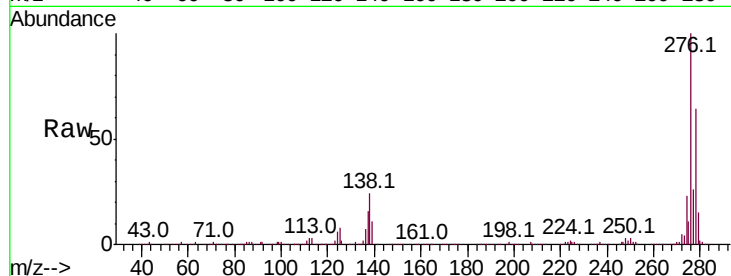


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 81.408 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

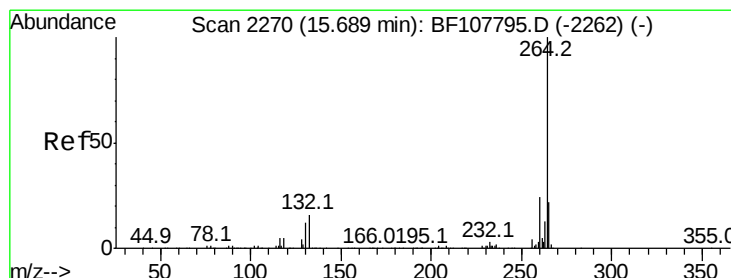
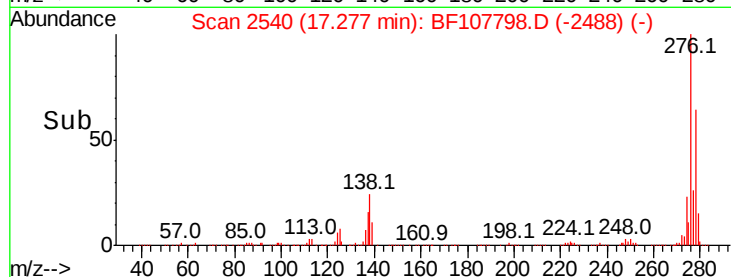
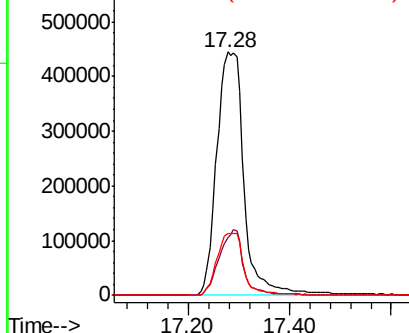
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1659116

Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	25.0	20.1	30.1



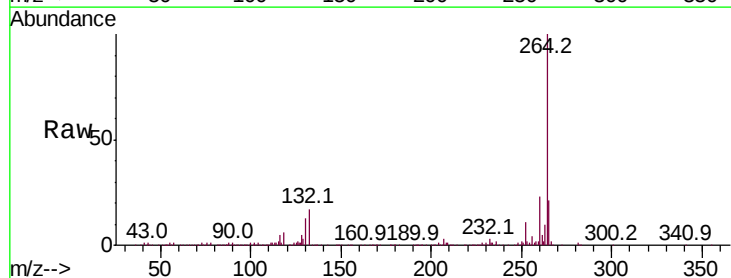
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



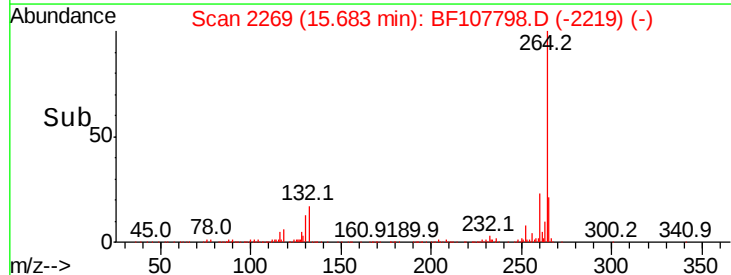
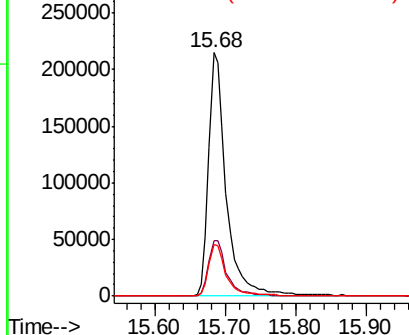
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

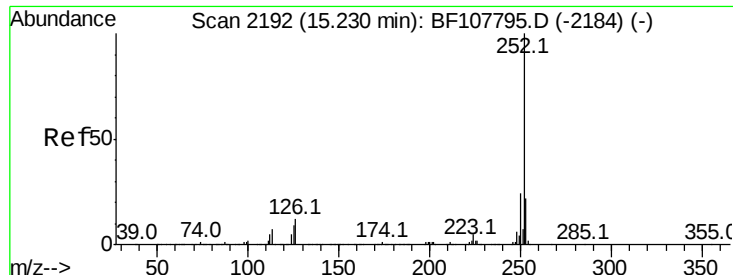
Tgt Ion:264 Resp: 376160

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	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

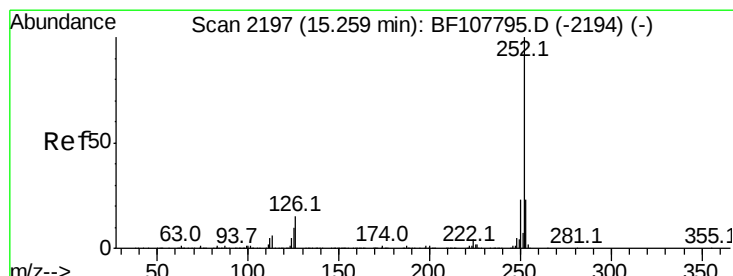
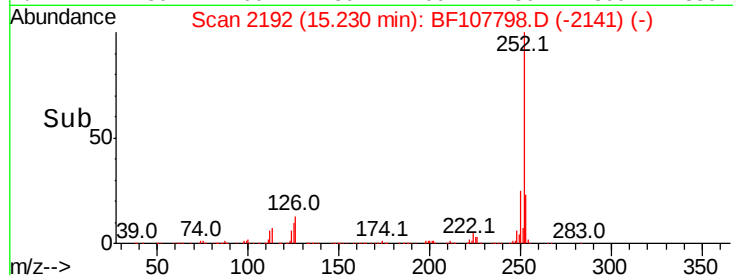
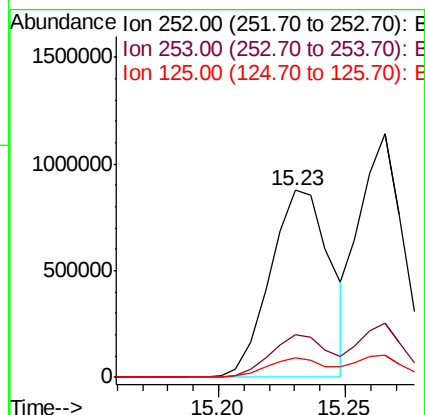
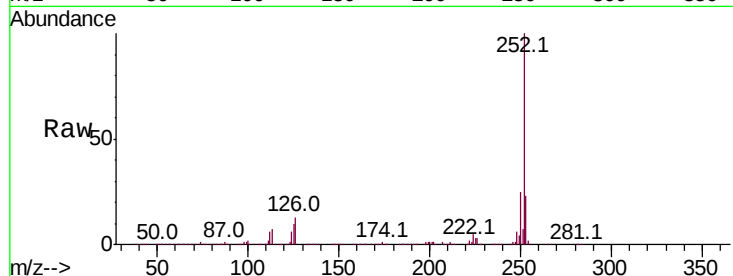




#87
Benzo(b)fluoranthene
Concen: 70.166 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

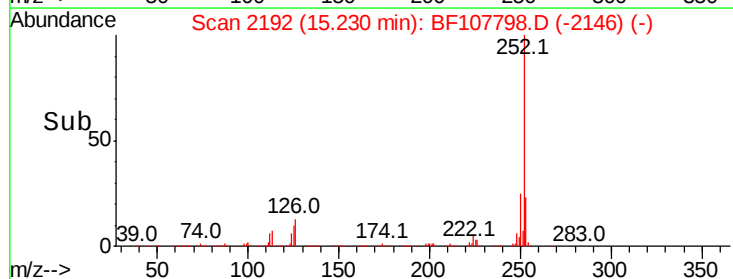
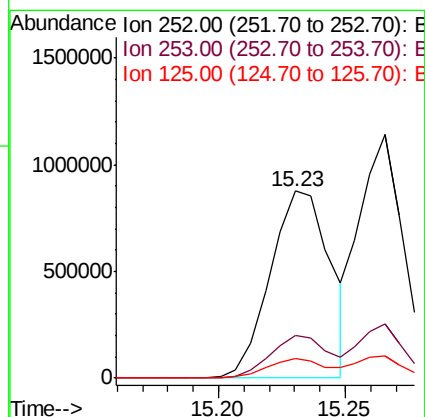
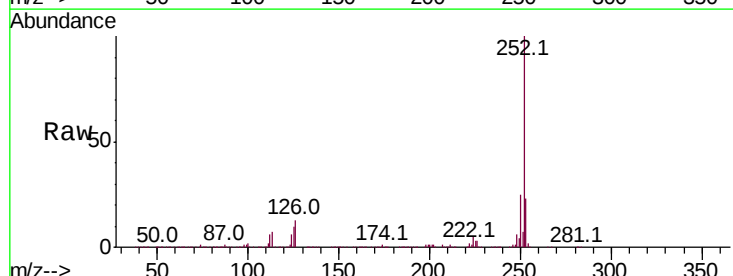
Instrument :
BNA_F
ClientSampleId :

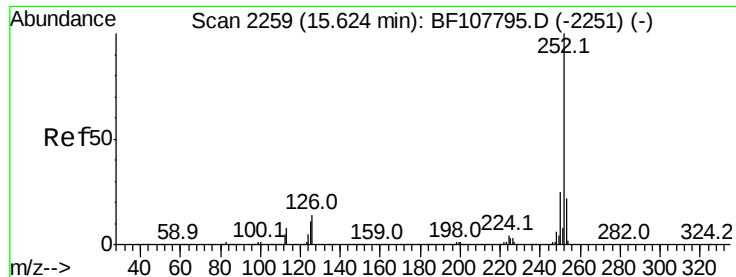
Tot Ion:252 Resp: 1444501
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 10.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 71.619 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:252 Resp: 1444501
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.2 10.2 15.2

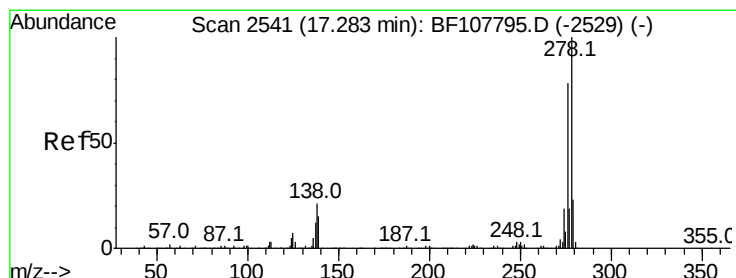
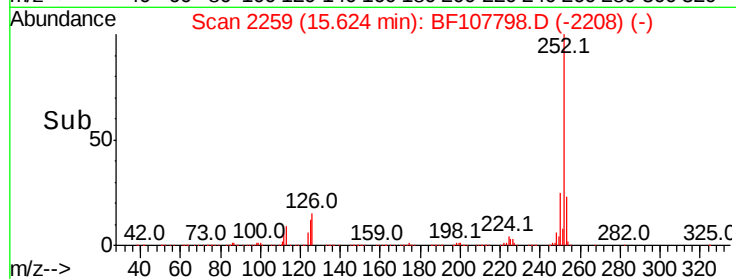
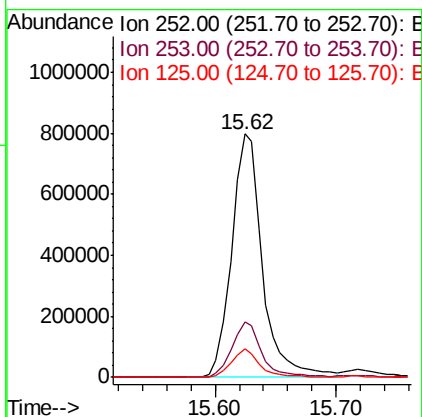
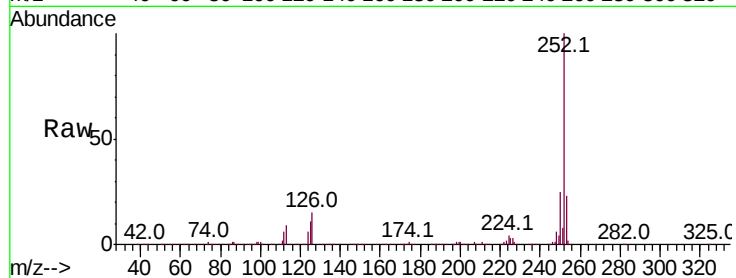




#89
Benzo(a)pyrene
Concen: 74.772 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

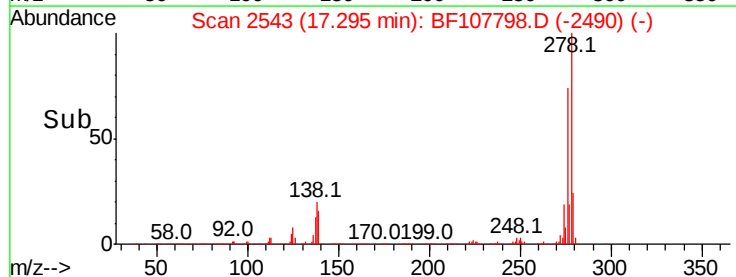
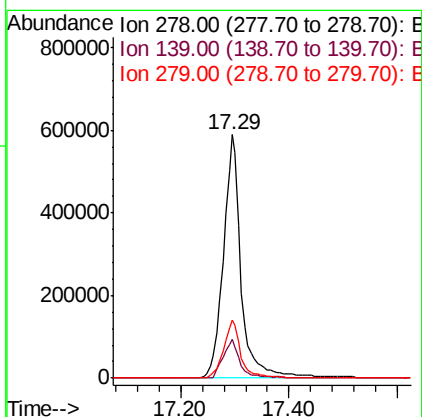
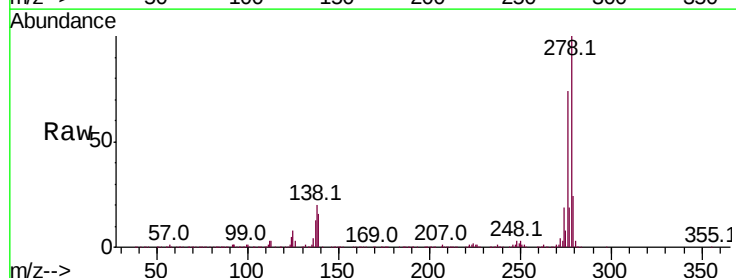
Instrument :
BNA_F
ClientSampleId :

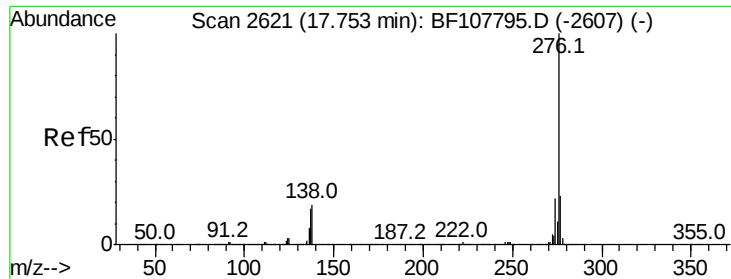
Tot Ion:252 Resp: 1408059
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 11.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 84.390 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF107798.D
Acq: 30 Jul 2018 13:55

Tgt Ion:278 Resp: 1373733
Ion Ratio Lower Upper
278 100
139 15.8 15.9 23.9#
279 23.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 86.753 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF107798.D
 Acq: 30 Jul 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1392983
 Ion Ratio Lower Upper
 276 100
 277 24.4 17.9 26.9
 138 20.6 21.8 32.8#

