

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107793.D
 Acq On : 30 Jul 2018 11:43
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 30 13:06:39 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	161001	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	738142	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	349273	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	753225	20.00	ng	0.00
75) Chrysene-d12	14.15	240	664483	20.00	ng	0.00
86) Perylene-d12	15.68	264	616774	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	114102	11.39	ng	0.01
7) Phenol-d6	6.60	99	264962	22.04	ng	0.00
23) Nitrobenzene-d5	7.53	82	279276	25.53	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	109498	27.57	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	541384	23.57	ng	0.00
78) Terphenyl-d14	13.08	244	713582	27.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	30370	6.516	ng	# 83
3) Pyridine	3.67	79	47589	3.753	ng	# 69
4) n-Nitrosodimethylamine	3.67	42	2350	0.439	ng	# 52
6) Aniline	6.65	93	118279	7.627	ng	# 71
8) 2-Chlorophenol	6.75	128	129413	12.063	ng	94
9) Benzaldehyde	6.54	77	45344	5.766	ng	94
10) Phenol	6.62	94	170616	12.065	ng	76
11) bis(2-Chloroethyl)ether	6.70	93	157092	13.400	ng	93
12) 1,3-Dichlorobenzene	6.90	146	136190	11.197	ng	99
13) 1,4-Dichlorobenzene	6.98	146	162921	13.068	ng	97
14) 1,2-Dichlorobenzene	7.13	146	152327	13.615	ng	98
15) Benzyl Alcohol	7.12	79	51914	6.335	ng	87
16) 2,2'-oxybis(1-Chloropropan	7.22	45	234510	11.857	ng	75
17) 2-Methylphenol	7.22	107	88575	9.714	ng	# 66
18) Hexachloroethane	7.47	117	59004	13.494	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	95421	12.284	ng	98
20) 3+4-Methylphenols	7.38	107	104570	9.658	ng	# 65
22) Acetophenone	7.37	105	198612	11.457	ng	94
24) Nitrobenzene	7.55	77	143728	11.473	ng	99
25) Isophorone	7.77	82	248578	10.644	ng	99
26) 2-Nitrophenol	7.87	139	70174	13.265	ng	95
27) 2,4-Dimethylphenol	7.90	122	88713	8.859	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	145089	9.297	ng	99
29) 2,4-Dichlorophenol	8.12	162	104591	10.219	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	131336	11.425	ng	98
31) Naphthalene	8.27	128	409459	12.615	ng	98
32) Benzoic acid	7.90	122	88713	14.462	ng	# 16
33) 4-Chloroaniline	8.34	127	146361	10.316	ng	98
34) Hexachlorobutadiene	8.37	225	85183	12.470	ng	99
35) Caprolactam	8.67	113	28619	8.597	ng	# 70
36) 4-Chloro-3-methylphenol	8.81	107	94528	8.314	ng	97
37) 2-Methylnaphthalene	8.95	142	201311	8.950	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	107226	9.204	ng	94
40) Hexachlorocyclopentadiene	9.10	237	23966	4.047	ng	97

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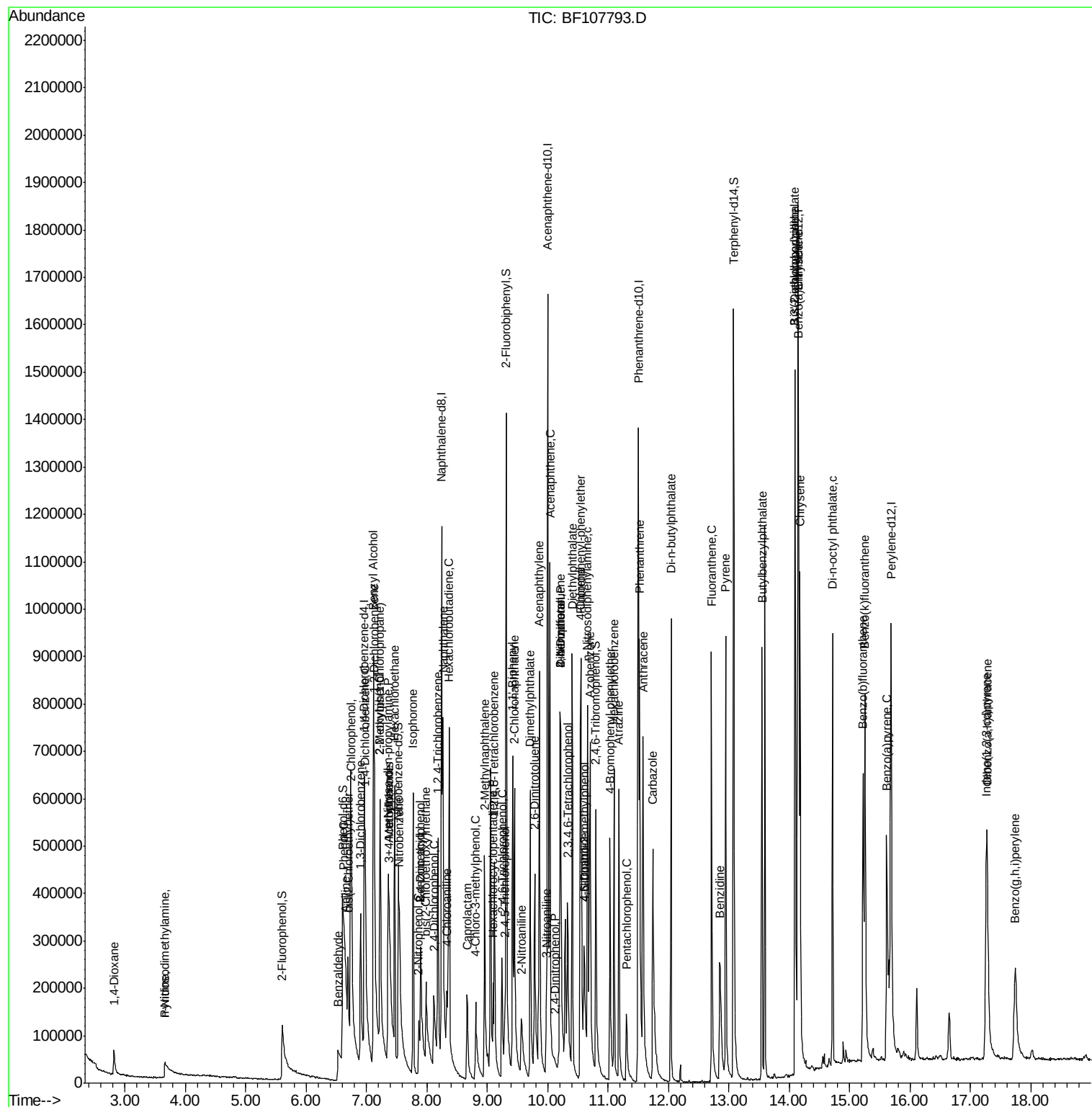
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	57803	7.752	nq	98
43) 2,4,5-Trichlorophenol	9.29	196	76704	9.842	nq	96
45) 1,1'-Biphenyl	9.42	154	320236	10.525	nq	96
46) 2-Chloronaphthalene	9.45	162	236959	10.189	nq	99
47) 2-Nitroaniline	9.57	65	71501	10.546	nq	88
48) Acenaphthylene	9.87	152	448826	12.847	nq	99
49) Dimethylphthalate	9.71	163	268021	10.182	nq	99
50) 2,6-Dinitrotoluene	9.78	165	60752	11.624	nq	# 87
51) Acenaphthene	10.04	154	261975	11.968	nq	98
52) 3-Nitroaniline	9.98	138	78152	12.292	nq	100
53) 2,4-Dinitrophenol	10.12	184	15174	9.005	nq	# 52
54) Dibenzofuran	10.21	168	396966	12.318	nq	99
55) 4-Nitrophenol	10.21	139	194677	40.896	nq	# 16
56) 2,4-Dinitrotoluene	10.20	165	86877	13.771	nq	# 86
57) Fluorene	10.55	166	309702	13.471	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	80907	12.474	nq	# 84
59) Diethylphthalate	10.41	149	336200	12.229	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	169803	13.065	nq	89
61) 4-Nitroaniline	10.60	138	69331	12.979	nq	95
62) Azobenzene	10.70	77	302075	11.718	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	35524	11.267	nq	87
65) n-Nitrosodiphenylamine	10.66	169	294640	11.518	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	104054	11.735	nq	# 85
67) Hexachlorobenzene	11.10	284	113530	11.637	nq	# 84
68) Atrazine	11.18	200	88434	11.322	nq	94
69) Pentachlorophenol	11.31	266	36821	6.042	nq	96
70) Phenanthrene	11.52	178	420993	11.470	nq	98
71) Anthracene	11.58	178	499389	13.513	nq	97
72) Carbazole	11.74	167	484703	12.613	nq	98
73) Di-n-butylphthalate	12.04	149	549184	12.623	nq	98
74) Fluoranthene	12.71	202	506730	12.865	nq	96
76) Benzidine	12.85	184	250461	13.089	nq	97
77) Pyrene	12.95	202	519879	11.438	nq	97
79) Butylbenzylphthalate	13.55	149	224863	11.504	nq	89
80) Benzo(a)anthracene	14.14	228	414403	10.642	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	176807	14.340	nq	97
82) Chrysene	14.18	228	467133	12.488	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	308314	11.179	nq	99
84) Di-n-octyl phthalate	14.72	149	499792	11.658	nq	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	340707	10.747	nq	# 94
87) Benzo(b)fluoranthene	15.22	252	327739	9.709	nq	98
88) Benzo(k)fluoranthene	15.25	252	435754	13.176	nq	# 95
89) Benzo(a)pyrene	15.61	252	349494	11.319	nq	98
90) Dibenzo(a,h)anthracene	17.27	278	289455	10.845	nq	# 95
91) Benzo(g,h,i)perylene	17.74	276	259344	9.851	nq	# 92

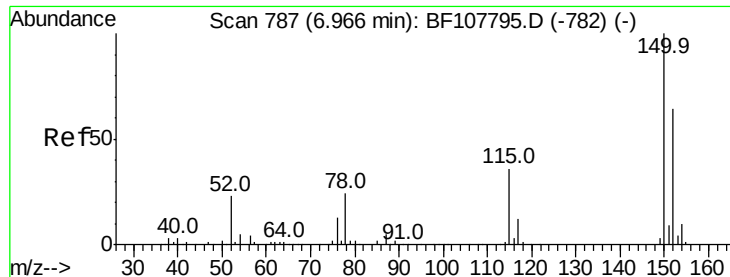
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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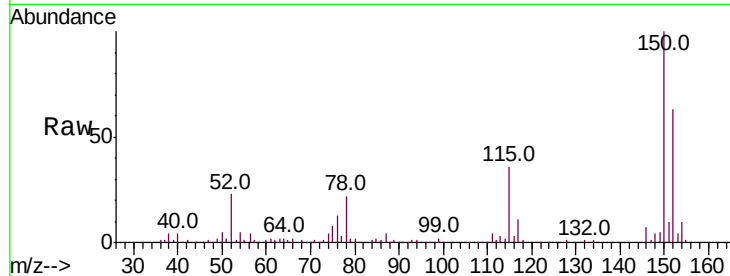


#1

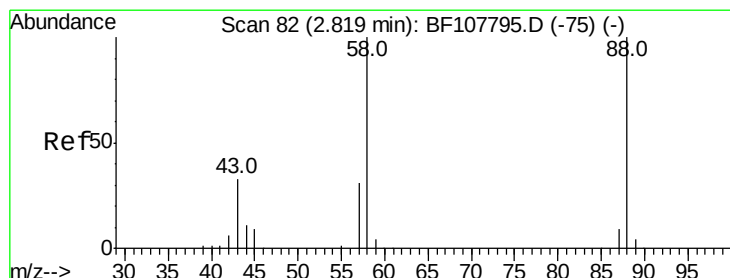
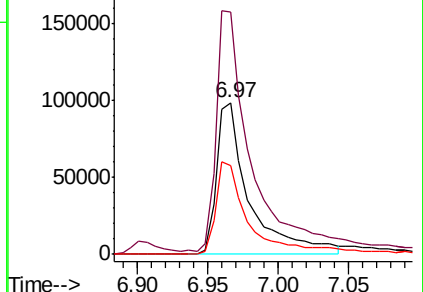
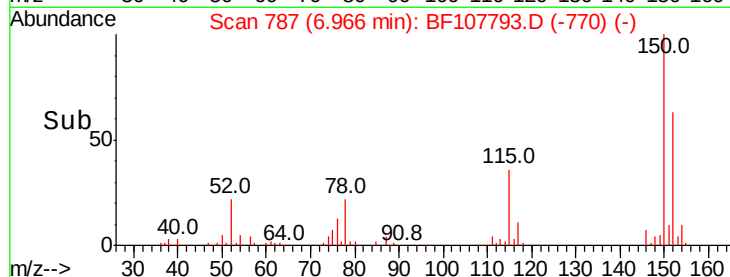
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161001
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 58.2 50.1 75.1



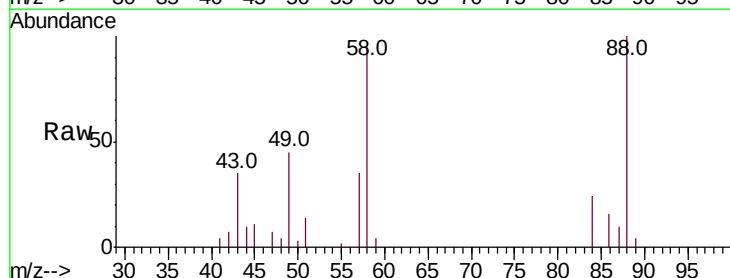
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



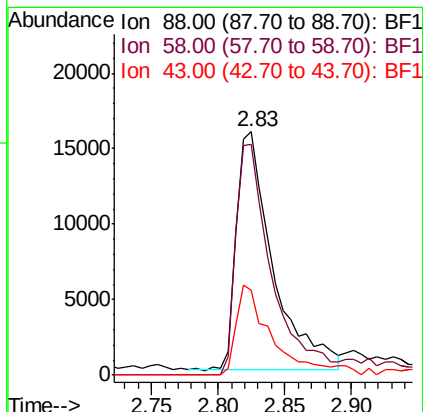
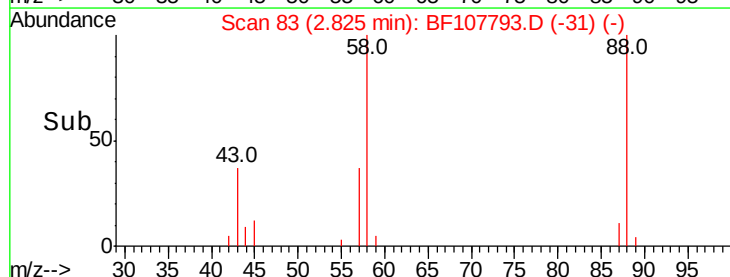
#2

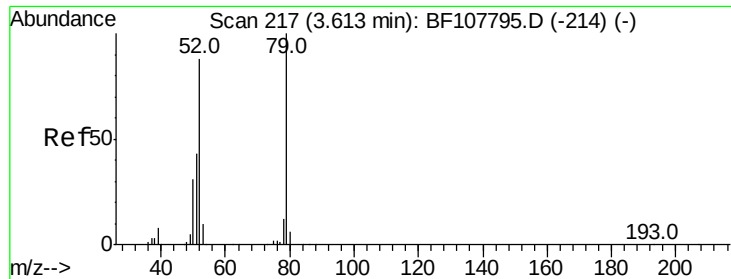
1,4-Dioxane
Concen: 6.516 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion: 88 Resp: 30370
Ion Ratio Lower Upper
88 100
58 94.7 62.6 93.8#
43 37.0 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: 3.753 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

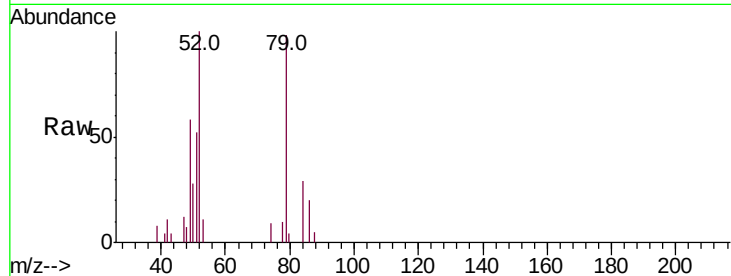
Tot Ion: 79 Resp: 47589

Ion Ratio Lower Upper

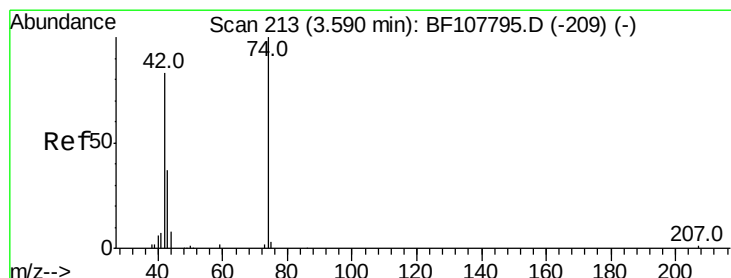
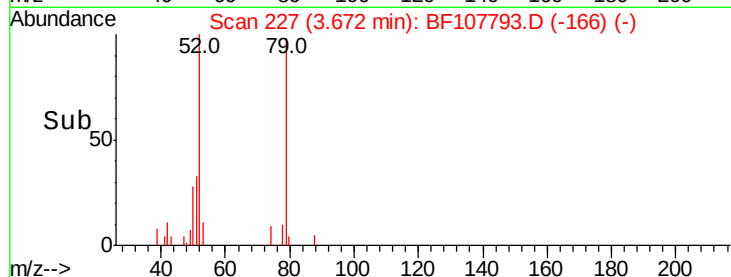
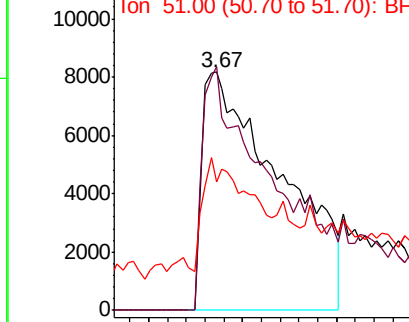
79 100

52 102.3 59.8 89.6#

51 53.7 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.439 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

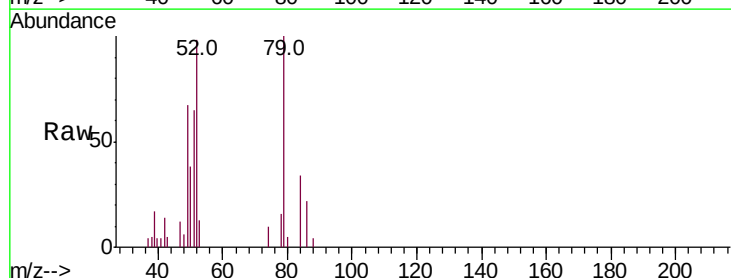
Tgt Ion: 42 Resp: 2350

Ion Ratio Lower Upper

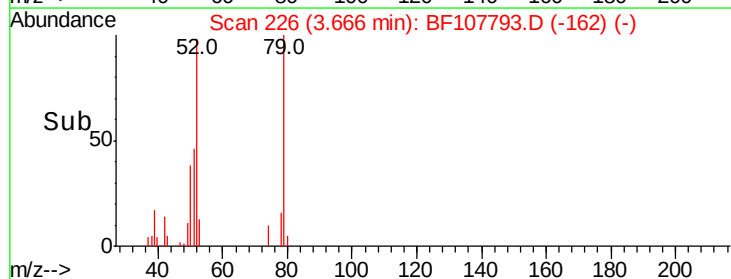
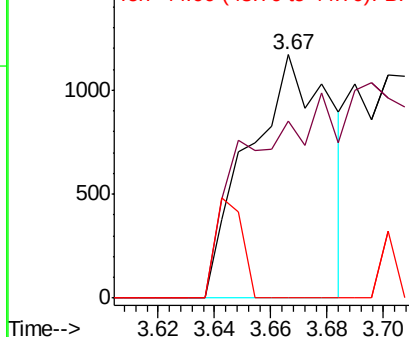
42 100

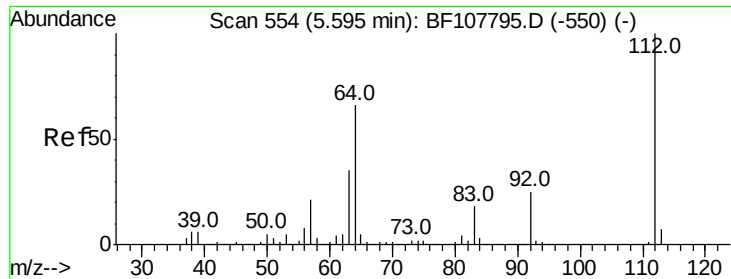
74 72.5 104.9 157.3#

44 0.0 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 11.395 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107793.D

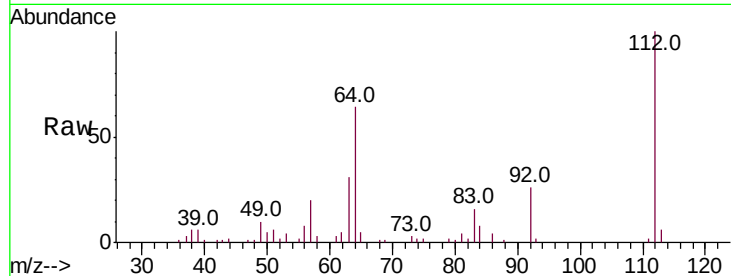
Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampled :

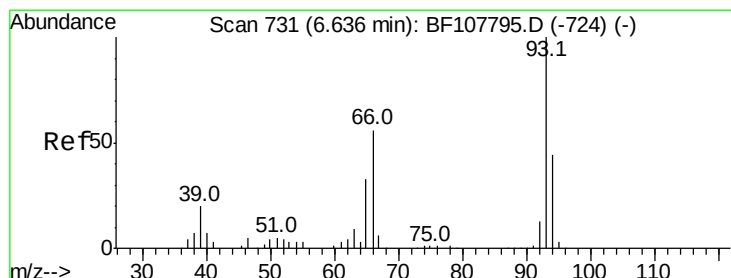
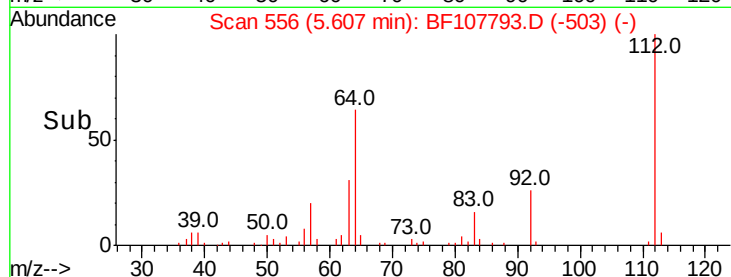
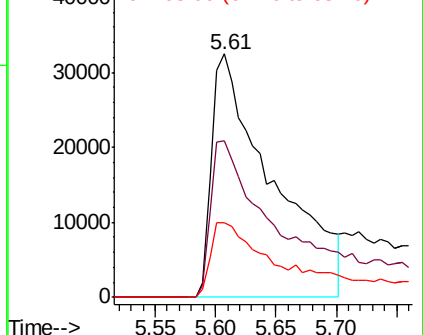
Tot Ion:	112	Resp:	114102
Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	30.7	23.7	35.5



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: 7.627 ng

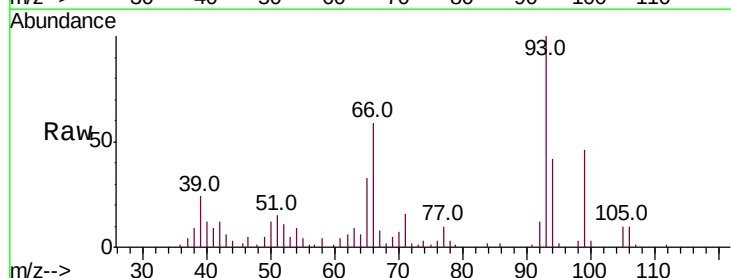
RT: 6.65 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

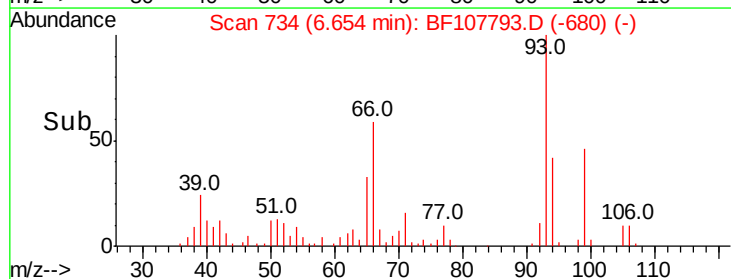
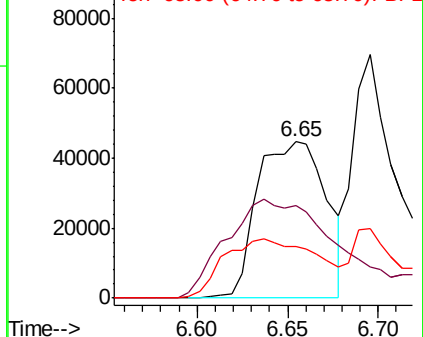
Tgt Ion:	93	Resp:	118279
Ion	Ratio	Lower	Upper
93	100		
66	58.9	32.2	48.2#
65	33.4	16.4	24.6#

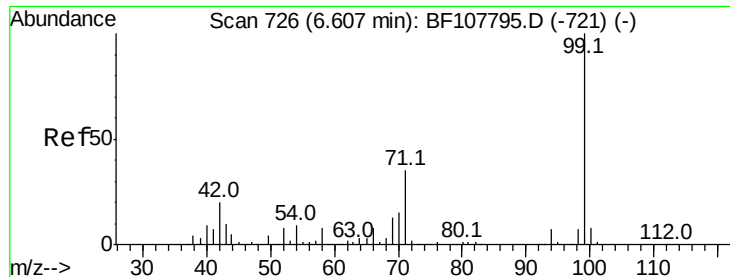


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 22.036 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107793.D

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Instrument :

BNA_F

ClientSampled :

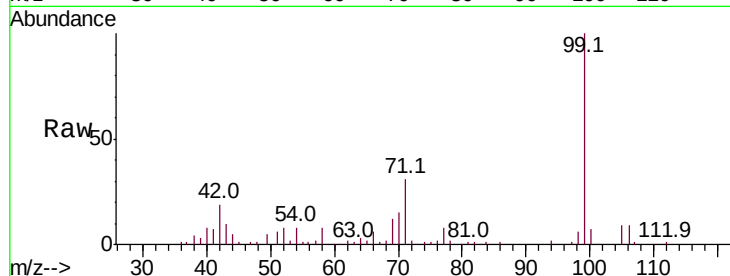
Tot Ion: 99 Resp: 264962

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

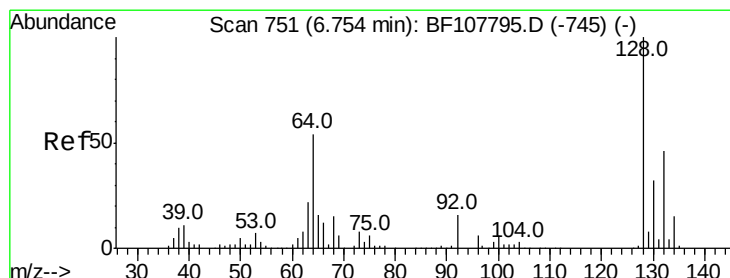
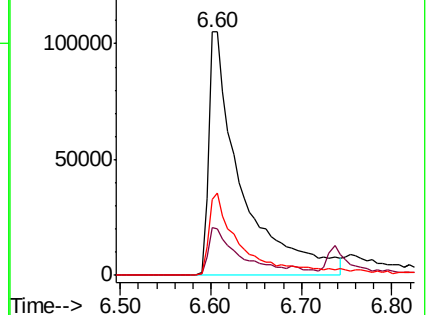
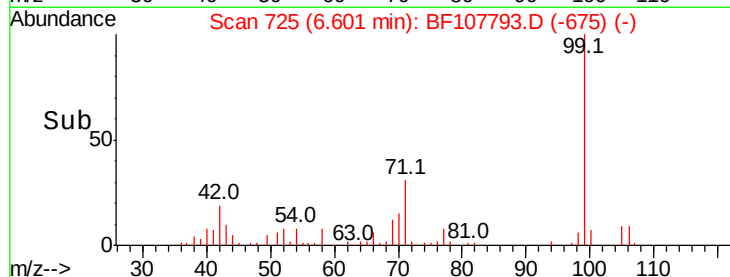
71 31.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 12.063 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

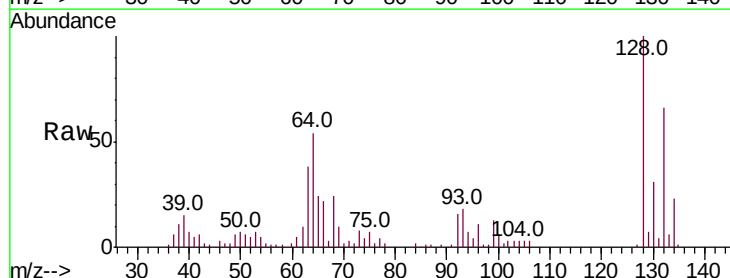
Tgt Ion: 128 Resp: 129413

Ion Ratio Lower Upper

128 100

130 30.8 13.0 53.0

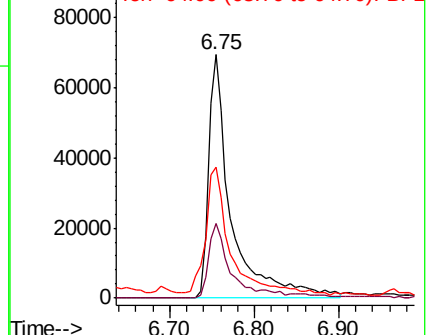
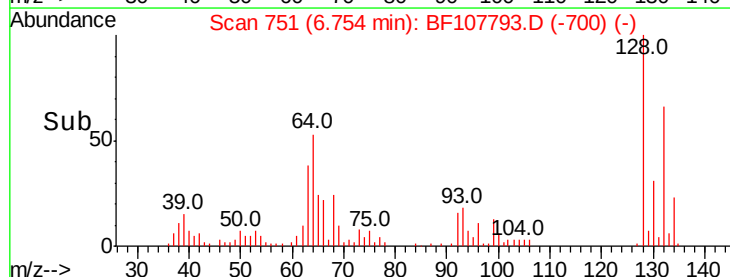
64 54.0 29.4 69.4

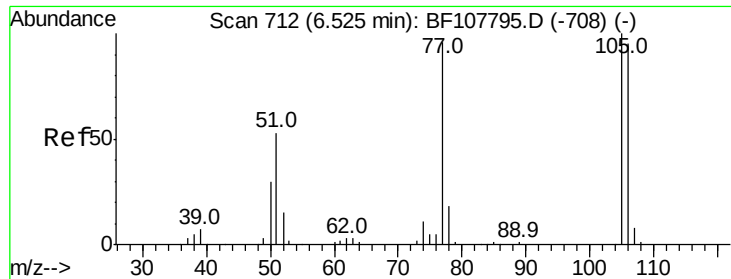


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

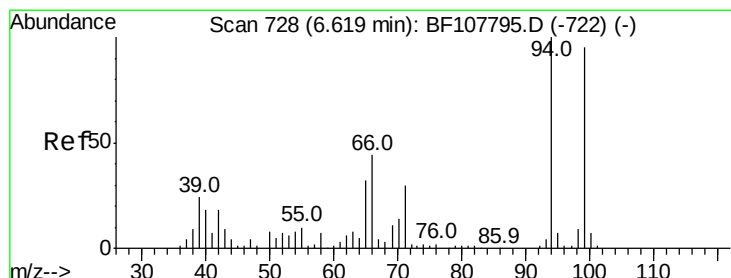
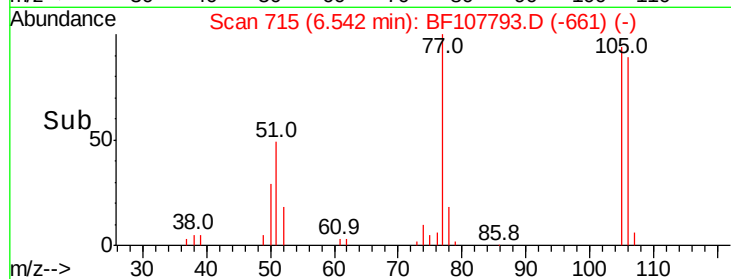
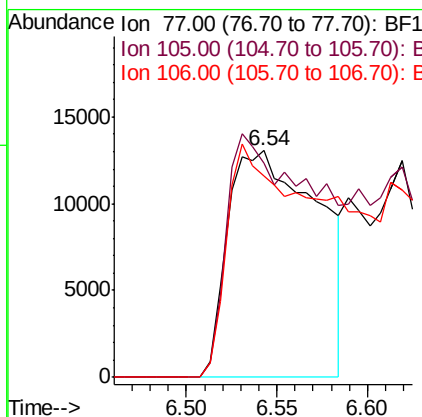
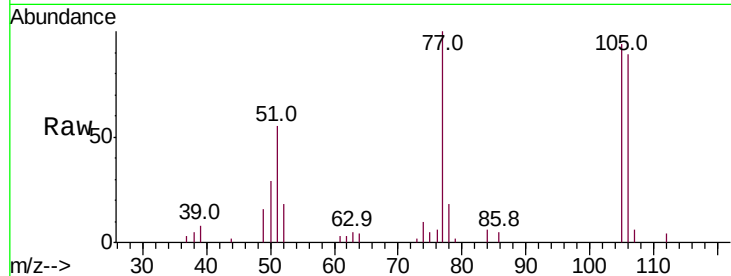




#9
Benzaldehyde
Concen: 5.766 ng
RT: 6.54 min Scan# 715
Delta R.T. 0.02 min
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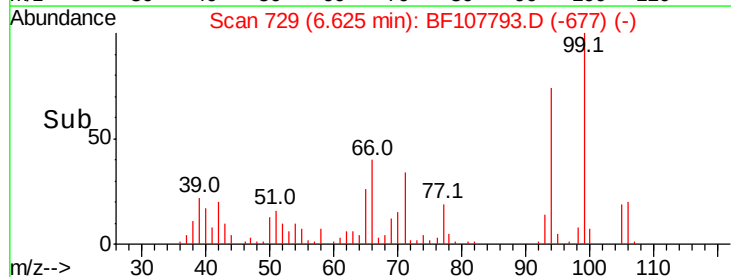
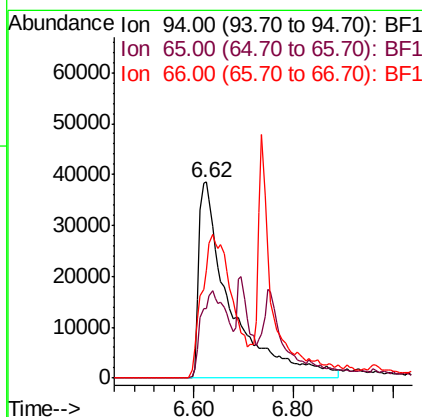
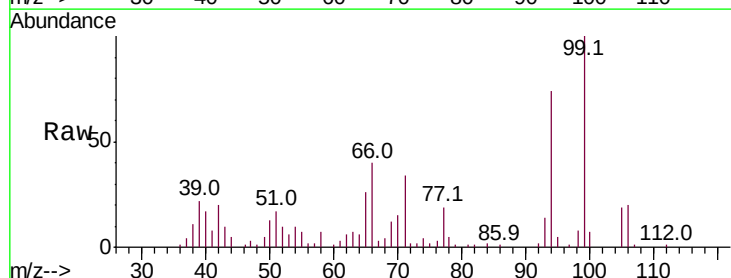
Instrument :
BNA_F
ClientSampled :

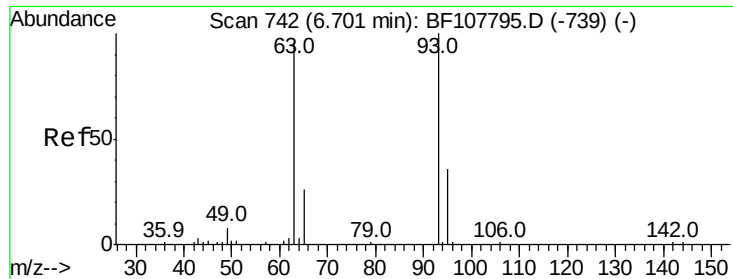
Tot Ion: 77 Resp: 45344
Ion Ratio Lower Upper
77 100
105 94.5 81.1 121.1
106 89.0 74.5 114.5



#10
Phenol
Concen: 12.065 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion: 94 Resp: 170616
Ion Ratio Lower Upper
94 100
65 35.3 7.9 47.9
66 54.9 16.2 56.2

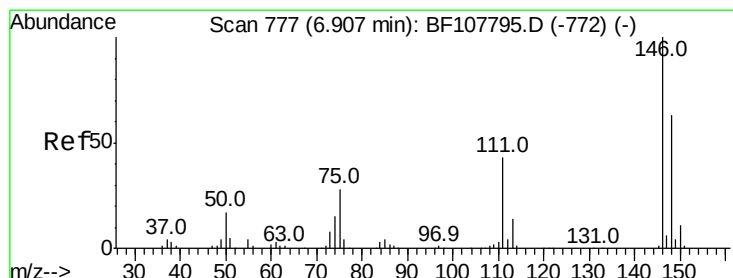
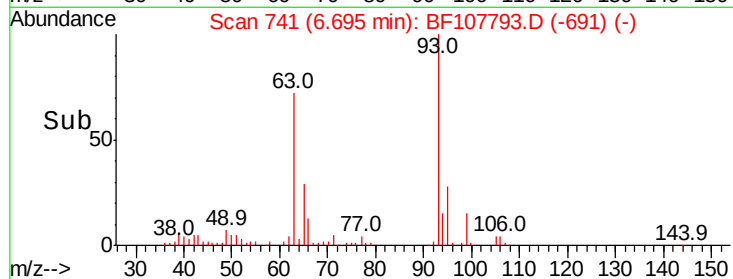
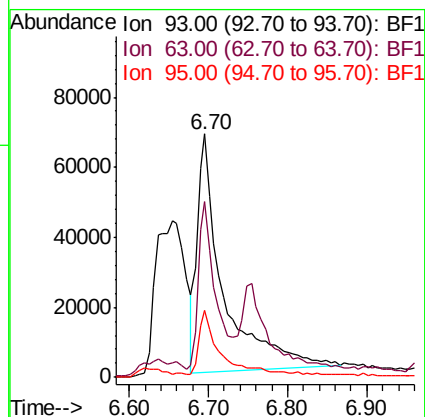
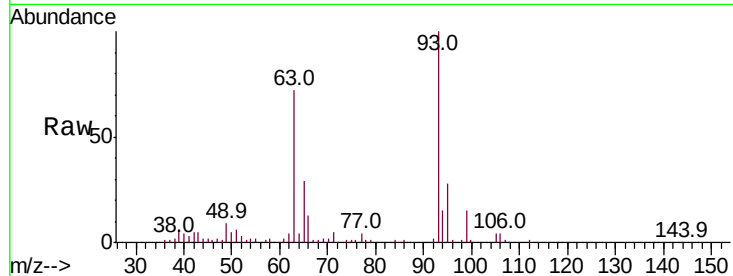




#11
bis(2-Chloroethyl)ether
Concen: 13.400 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

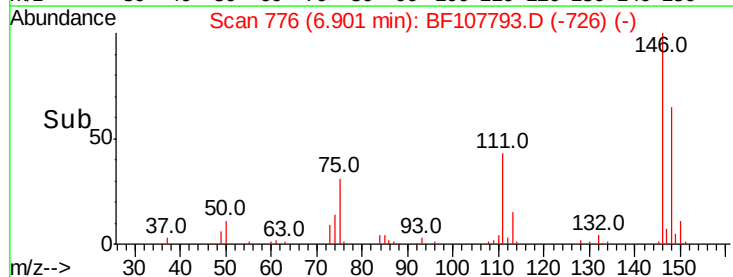
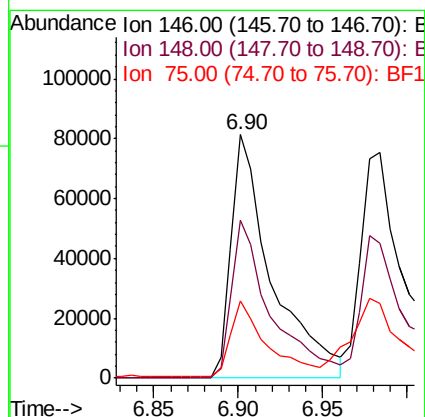
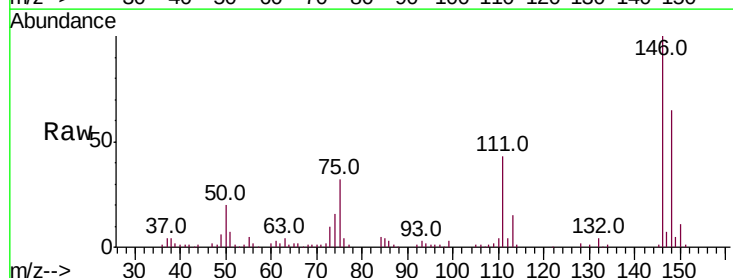
Instrument :
BNA_F
ClientSampleId :

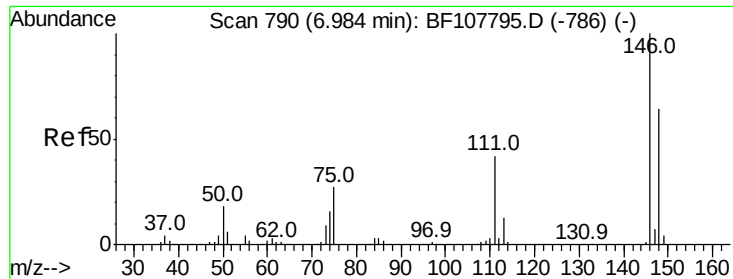
Tot Ion: 93 Resp: 157092
Ion Ratio Lower Upper
93 100
63 72.1 58.6 98.6
95 27.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 11.197 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion: 146 Resp: 136190
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 31.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 13.068 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

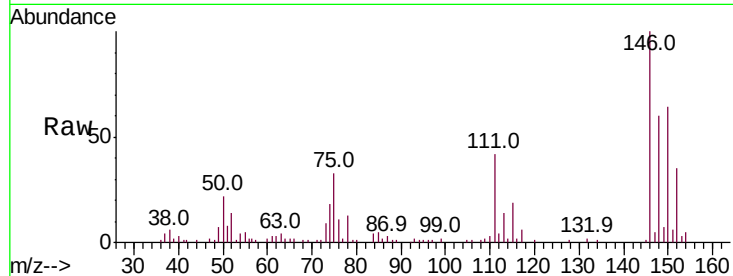
Tot Ion:146 Resp: 162921

Ion Ratio Lower Upper

146 100

148 59.5 50.8 76.2

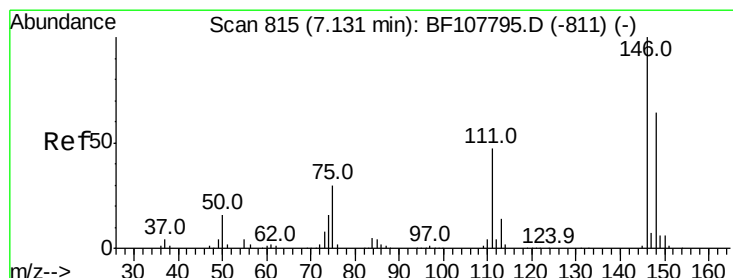
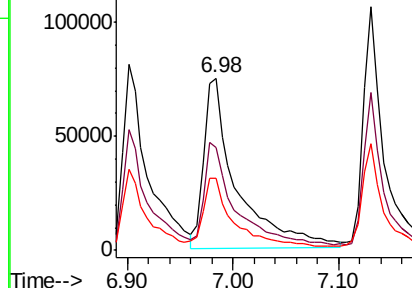
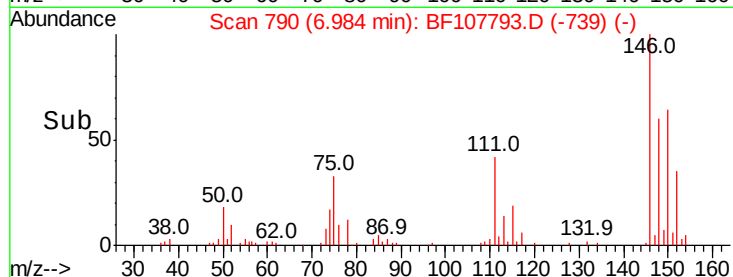
111 42.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.615 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

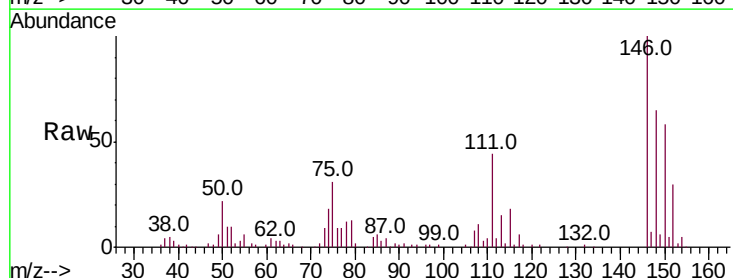
Tgt Ion:146 Resp: 152327

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

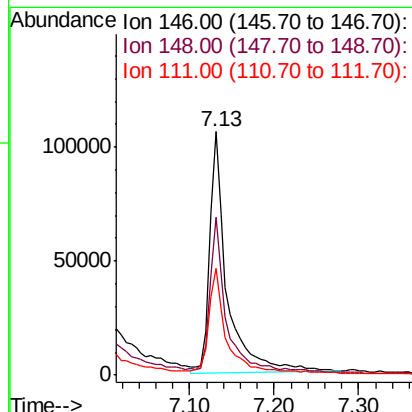
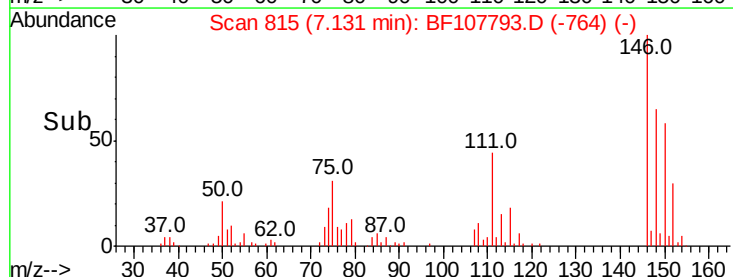
111 43.6 36.0 54.0

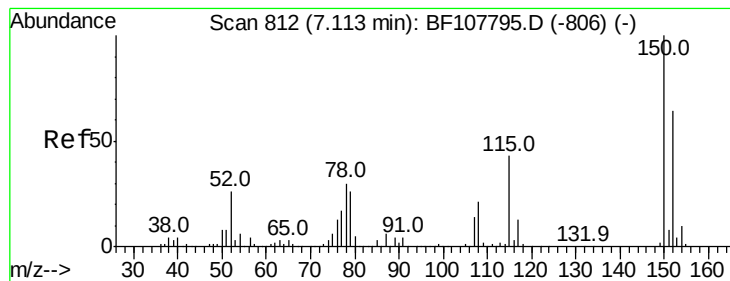


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.335 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :
BNA_F
ClientSampled :

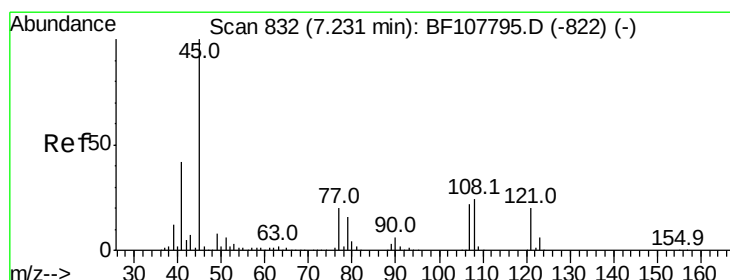
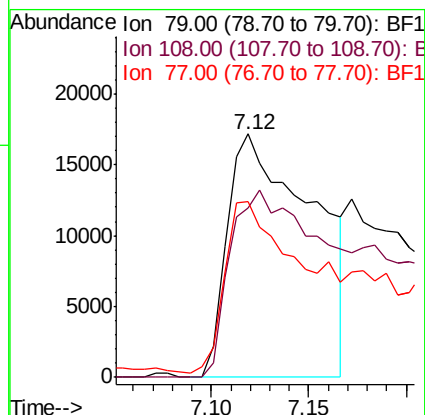
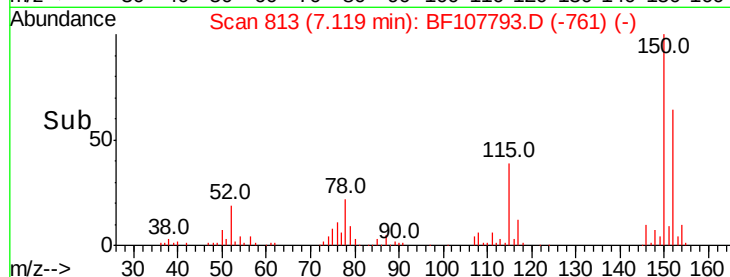
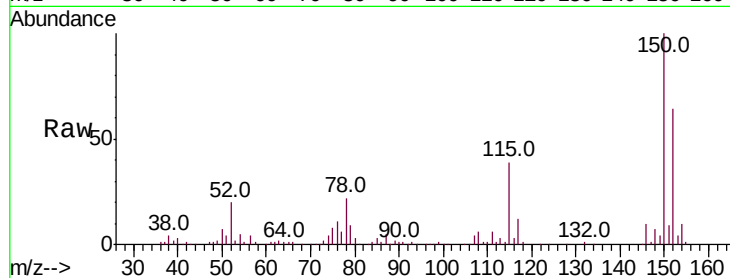
Tot Ion: 79 Resp: 51914

Ion Ratio Lower Upper

79 100

108 69.5 65.1 97.7

77 72.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 11.857 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

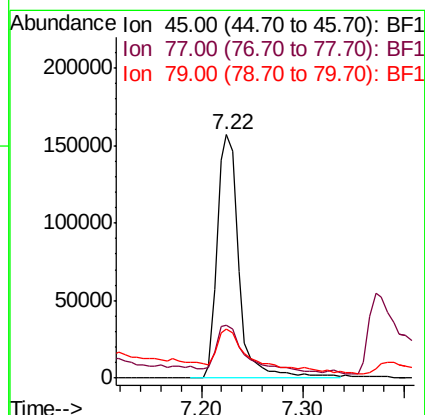
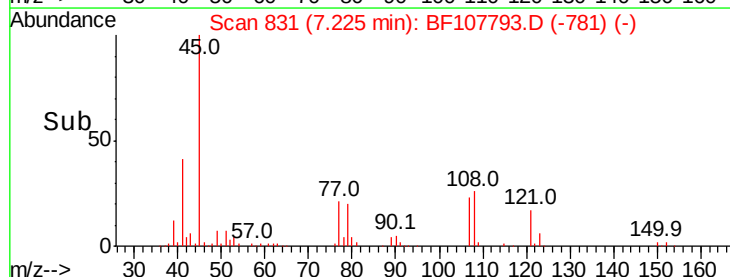
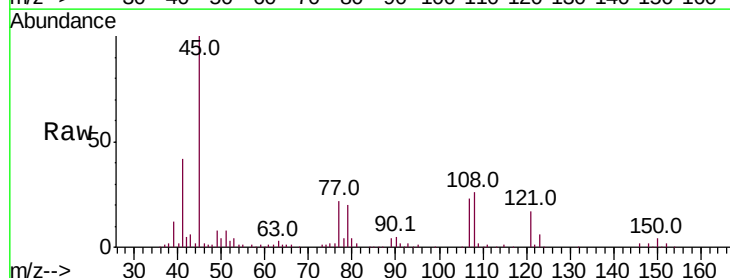
Tgt Ion: 45 Resp: 234510

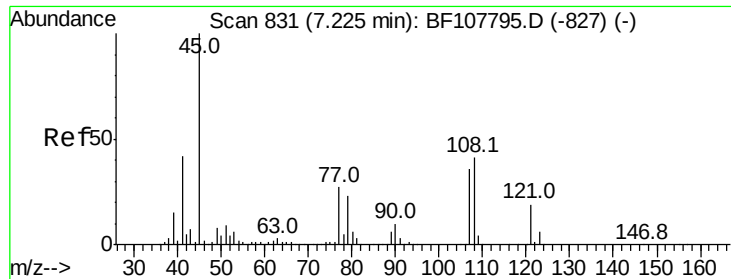
Ion Ratio Lower Upper

45 100

77 21.8 0.0 32.9

79 20.4 0.0 29.6

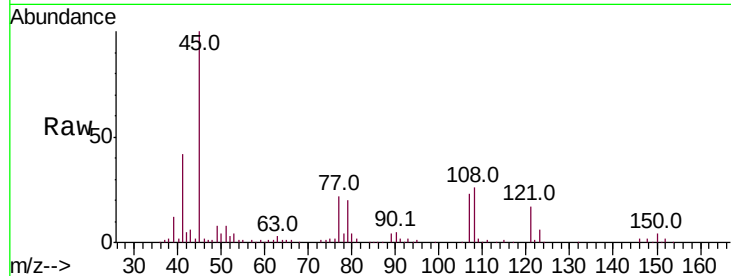




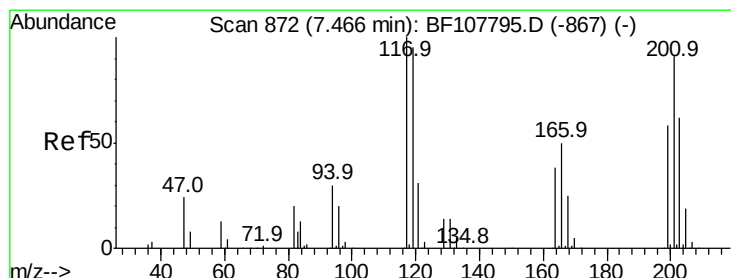
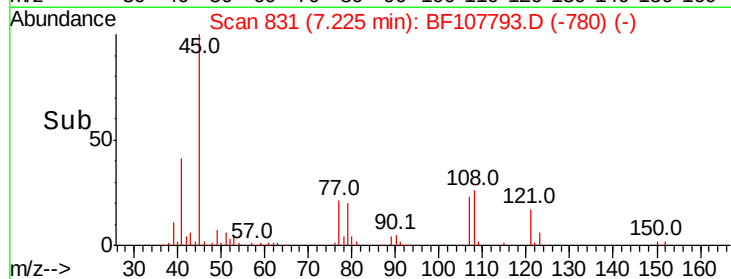
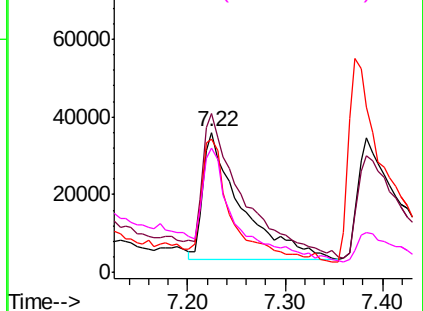
#17
2-Methylphenol
Concen: 9.714 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 88575
Ion Ratio Lower Upper
107 100
108 113.7 91.7 137.5
77 95.2 33.8 50.8#
79 88.9 33.8 50.8#

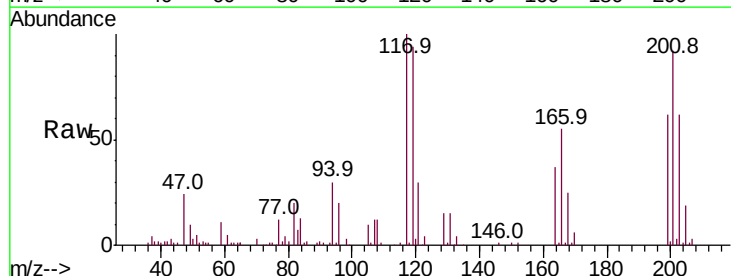


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

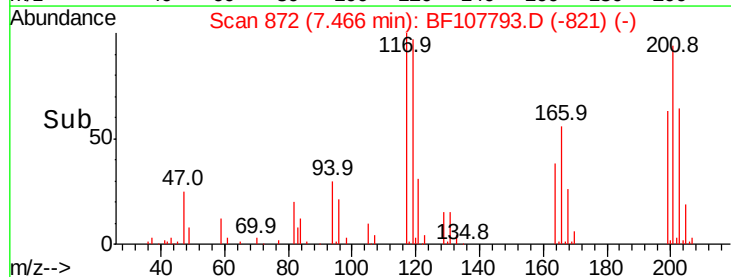
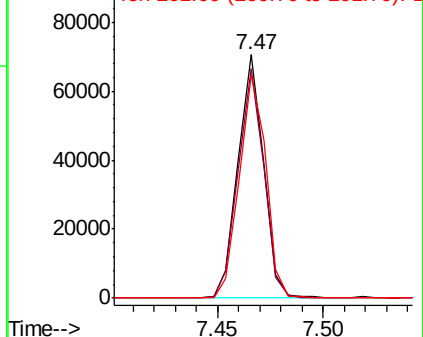


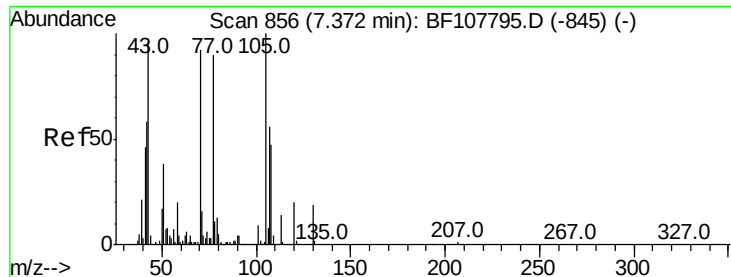
#18
Hexachloroethane
Concen: 13.494 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:117 Resp: 59004
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
201 91.6 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

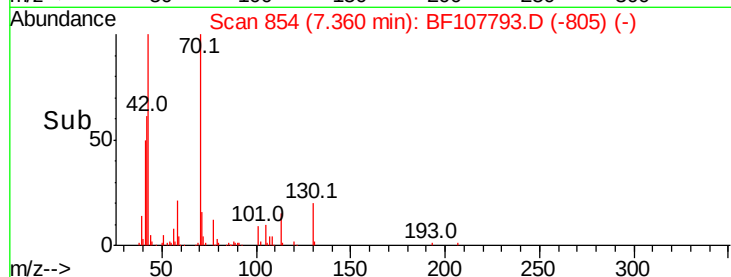
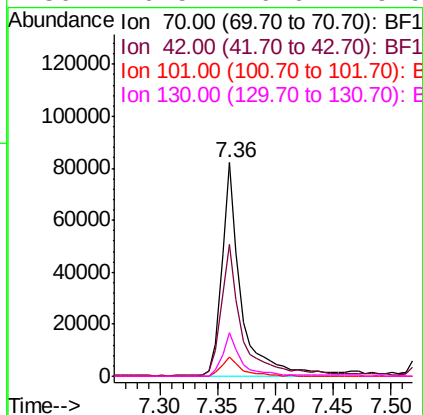
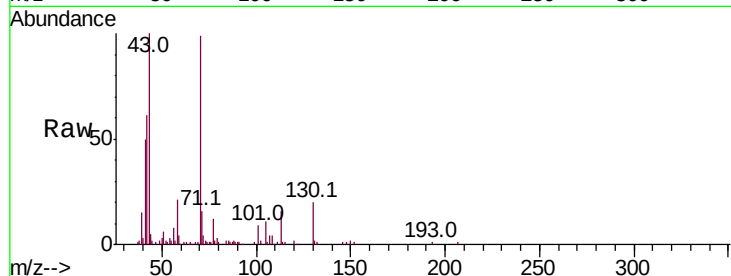




#19
n-Nitroso-di-n-propylamine
Concen: 12.284 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

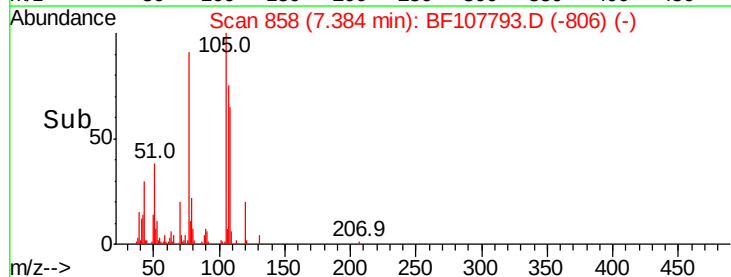
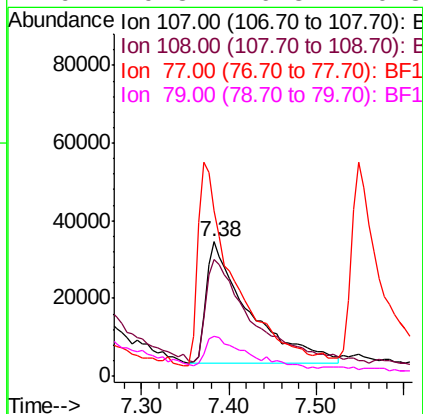
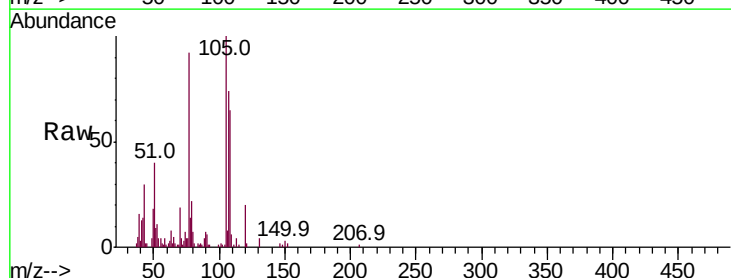
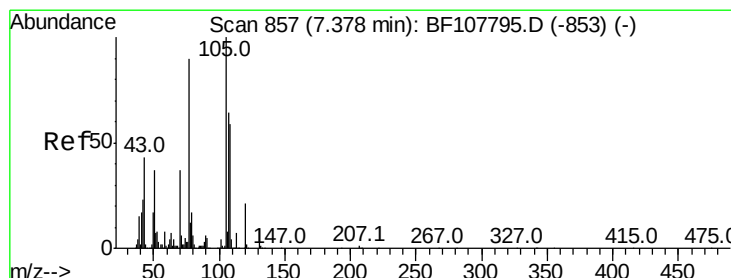
Instrument :
BNA_F
ClientSampleId :

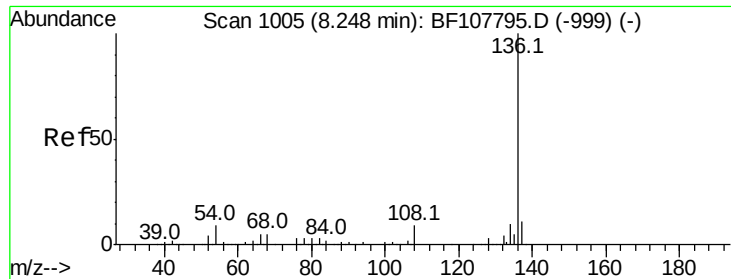
Tot Ion: 70 Resp: 95421
Ion Ratio Lower Upper
70 100
42 62.0 47.5 71.3
101 9.2 7.4 11.2
130 20.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 9.658 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion: 107 Resp: 104570
Ion Ratio Lower Upper
107 100
108 86.9 68.2 108.2
77 123.2 26.7 66.7#
79 29.8 6.3 46.3

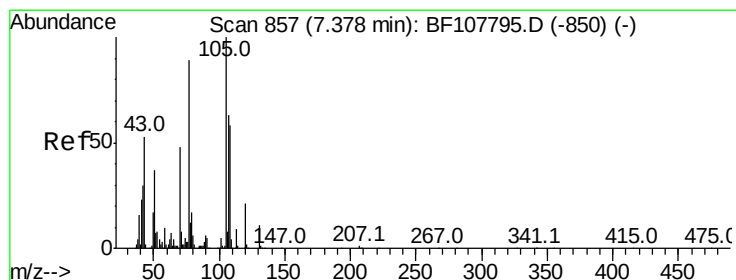
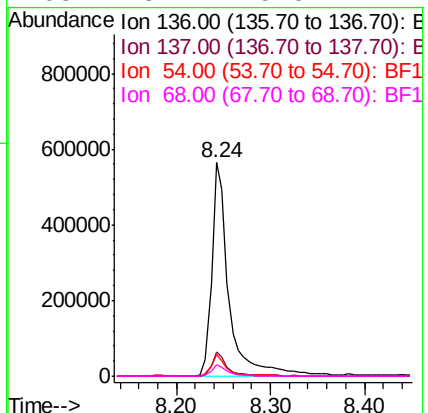
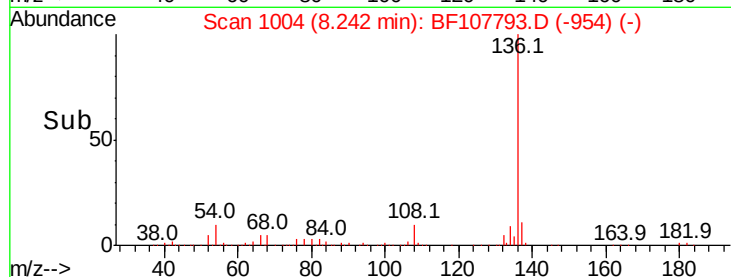
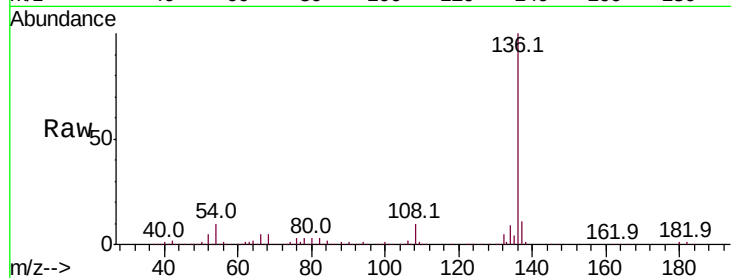




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

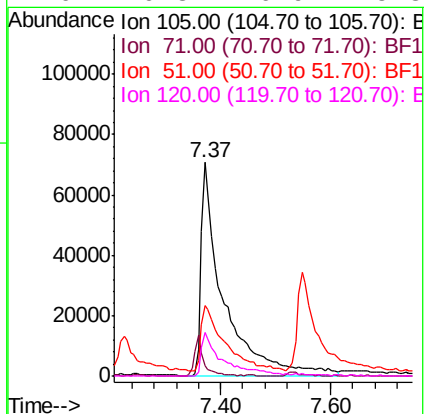
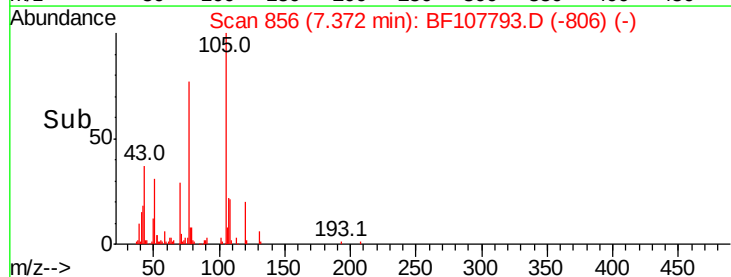
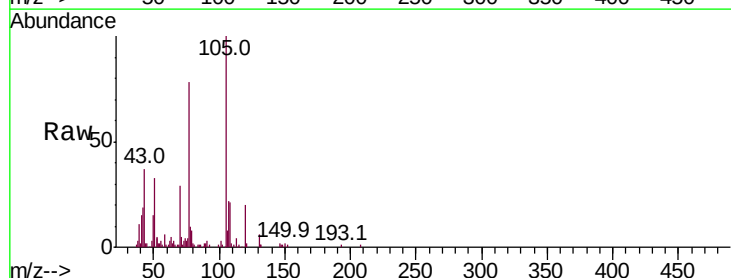
Instrument :
BNA_F
ClientSampleId :

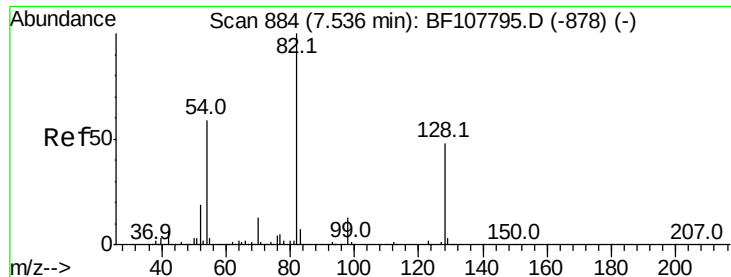
Tot Ion:136	Resp:	738142
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	10.0	6.6 9.8#
68	5.1	5.0 7.4



#22
Acetophenone
Concen: 11.457 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:105	Resp:	198612
Ion Ratio	Lower	Upper
105	100	
71	4.6	4.4 6.6
51	32.7	22.3 33.5
120	20.3	16.9 25.3

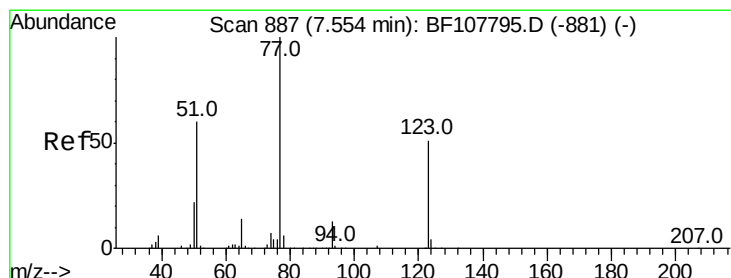
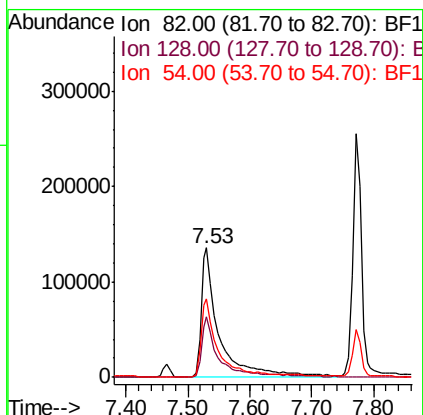
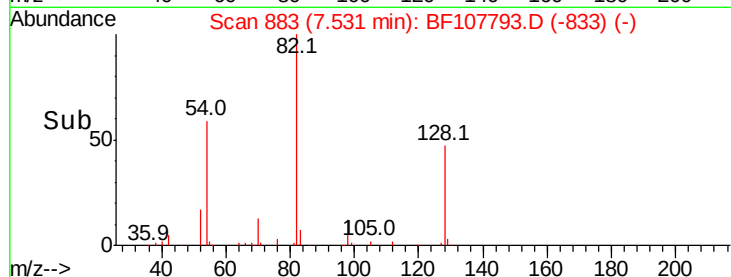
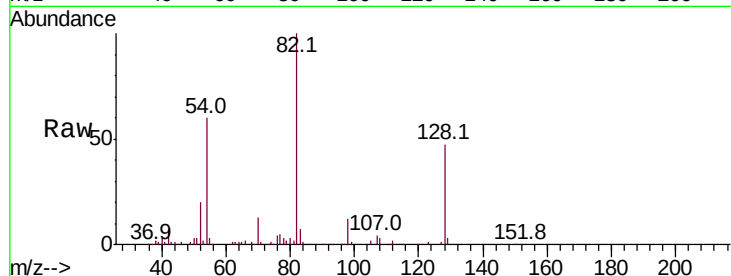




#23
Nitrobenzene-d5
Concen: 25.534 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

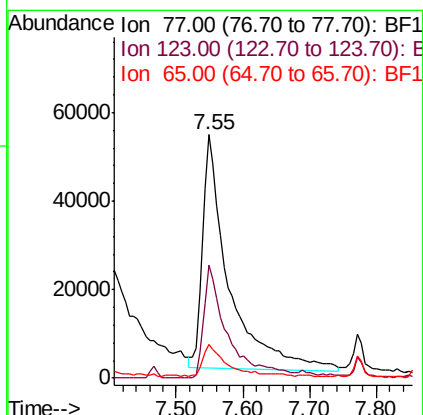
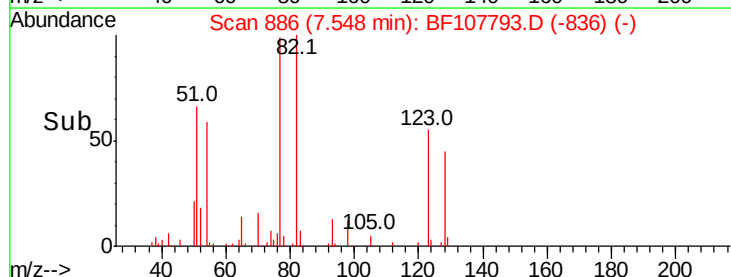
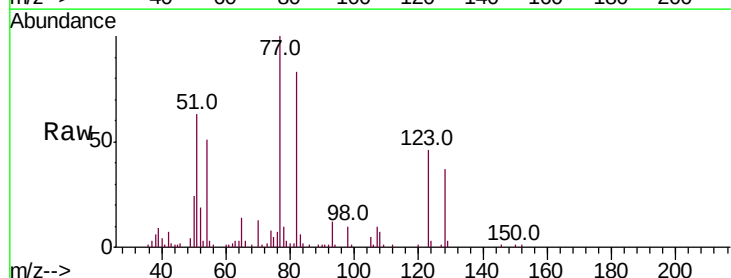
Instrument :
BNA_F
ClientSampleId :

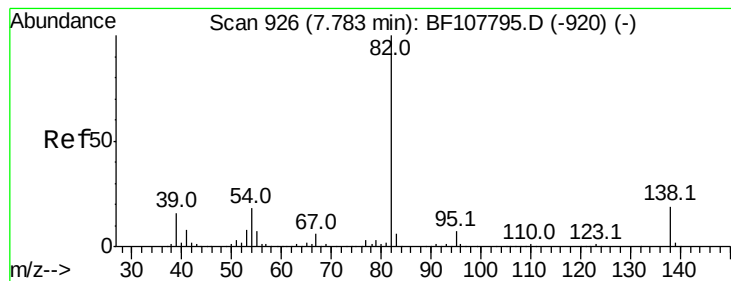
Tot Ion: 82 Resp: 279276
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 60.3 41.4 62.2



#24
Nitrobenzene
Concen: 11.473 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion: 77 Resp: 143728
Ion Ratio Lower Upper
77 100
123 46.5 37.9 56.9
65 13.8 11.0 16.4





#25

Isophorone

Concen: 10.644 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

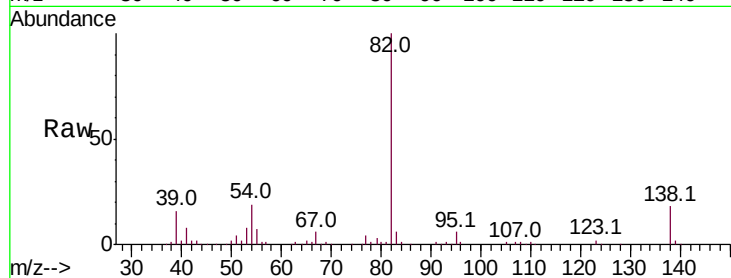
Tot Ion: 82 Resp: 248578

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

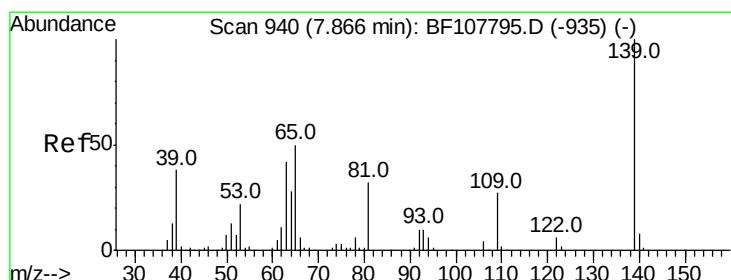
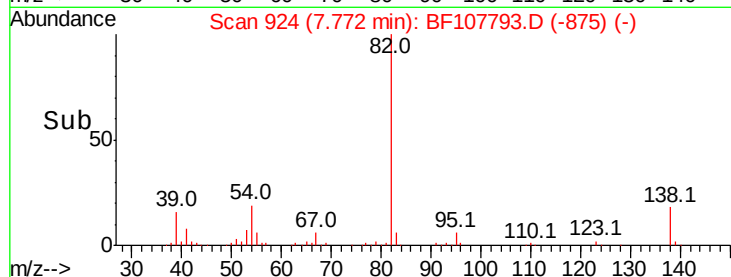
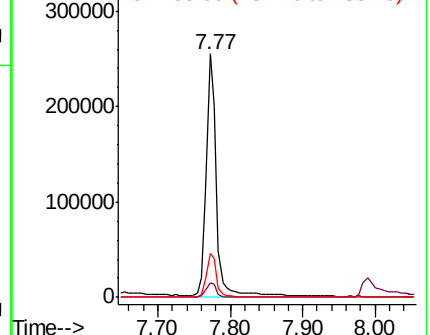
138 18.3 14.9 22.3



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: 13.265 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

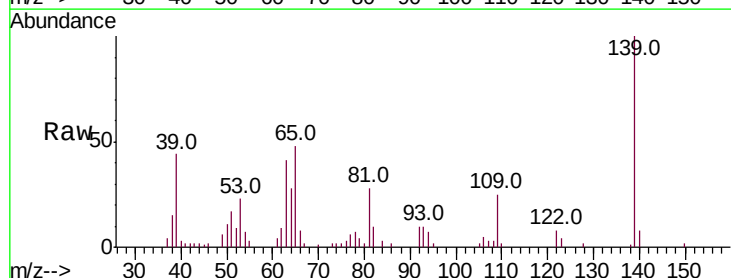
Tgt Ion: 139 Resp: 70174

Ion Ratio Lower Upper

139 100

109 24.9 22.7 34.1

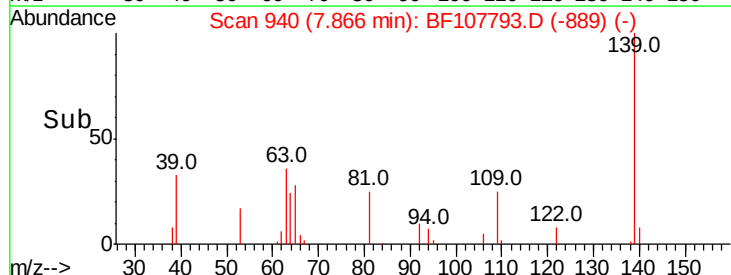
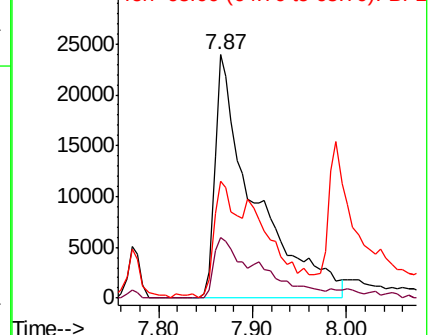
65 47.8 40.5 60.7

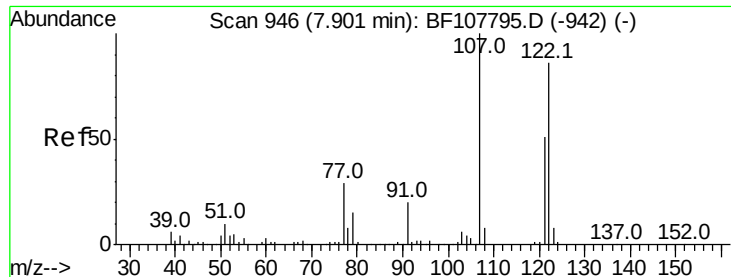


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

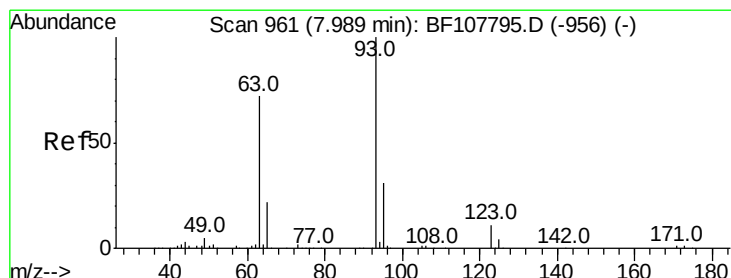
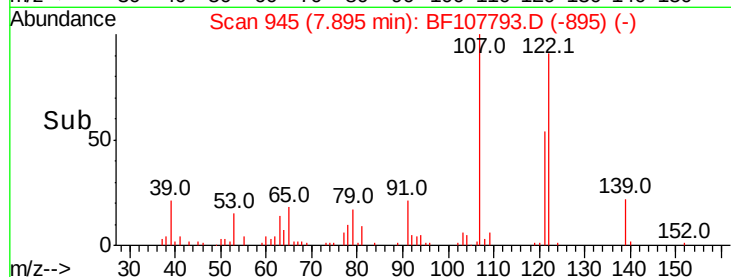
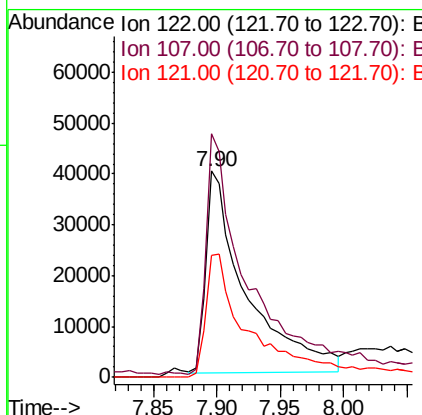
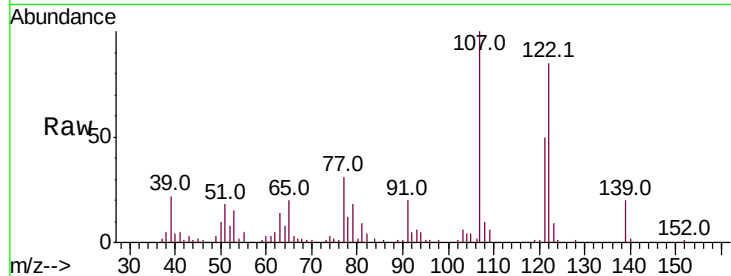




#27
 2,4-Dimethylphenol
 Concen: 8.859 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

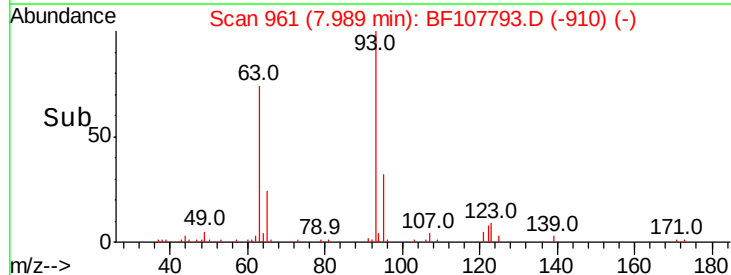
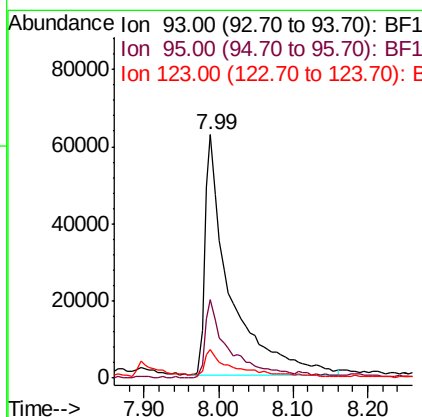
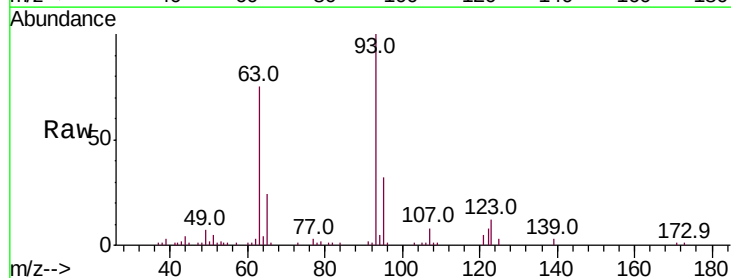
Instrument :
 BNA_F
 ClientSampleId :

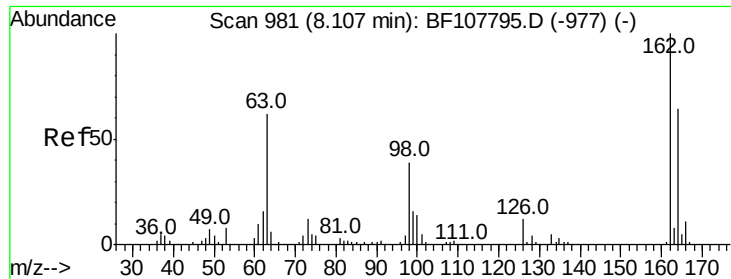
Tot Ion:122 Resp: 88713
 Ion Ratio Lower Upper
 122 100
 107 117.9 91.2 136.8
 121 59.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.297 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Tgt Ion: 93 Resp: 145089
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 11.5 9.8 14.6

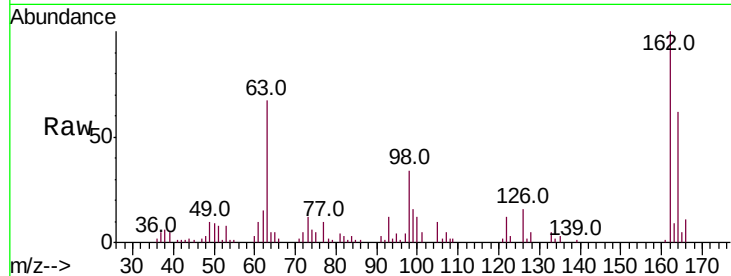




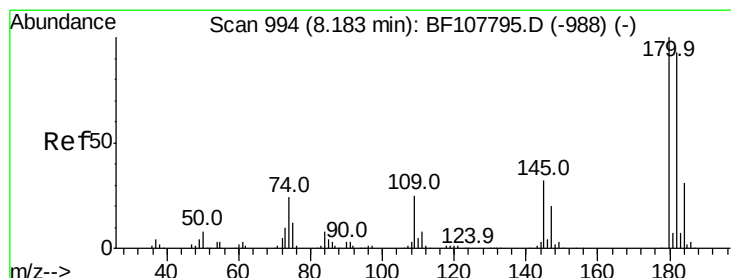
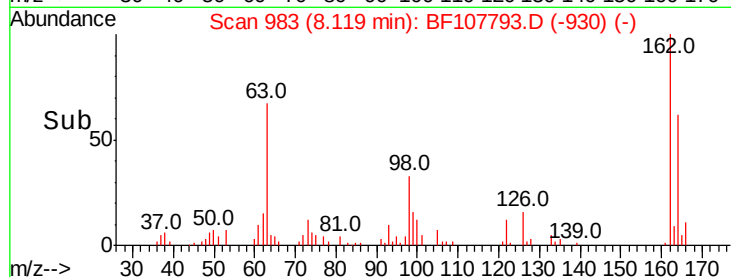
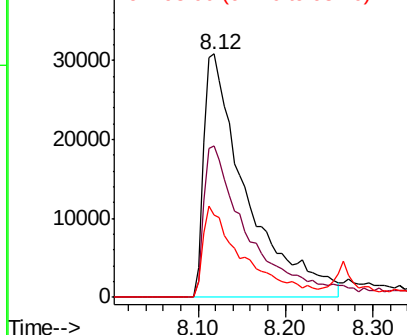
#29
2,4-Dichlorophenol
Concen: 10.219 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 104591
Ion Ratio Lower Upper
162 100
164 62.2 42.7 82.7
98 33.7 18.1 58.1

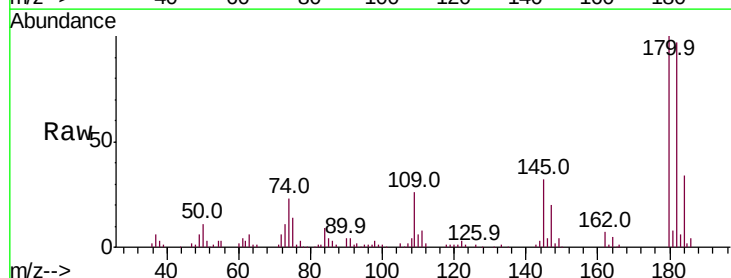


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

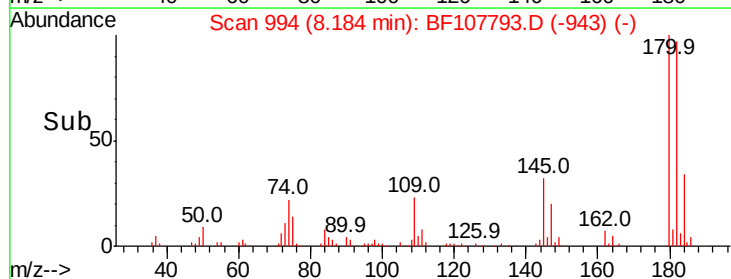
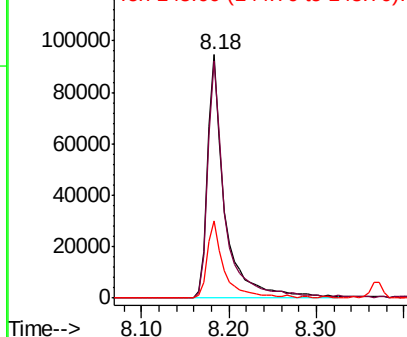


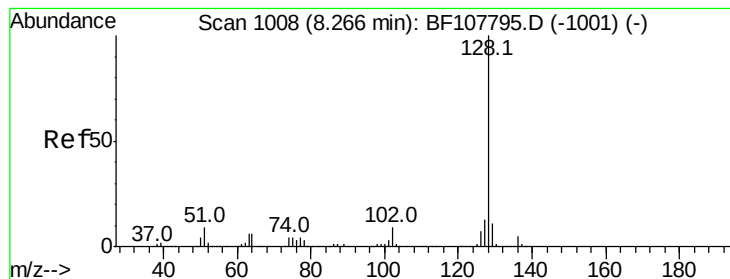
#30
1,2,4-Trichlorobenzene
Concen: 11.425 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:180 Resp: 131336
Ion Ratio Lower Upper
180 100
182 97.4 76.8 115.2
145 31.6 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: 12.615 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

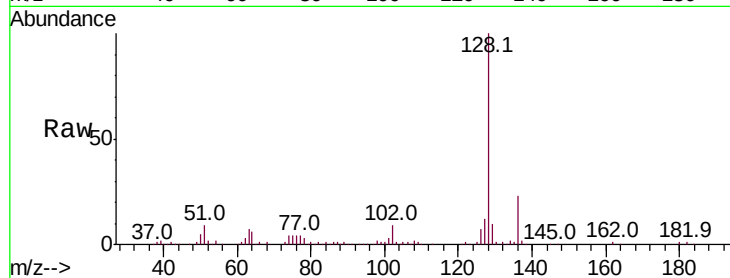
Tot Ion:128 Resp: 409459

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

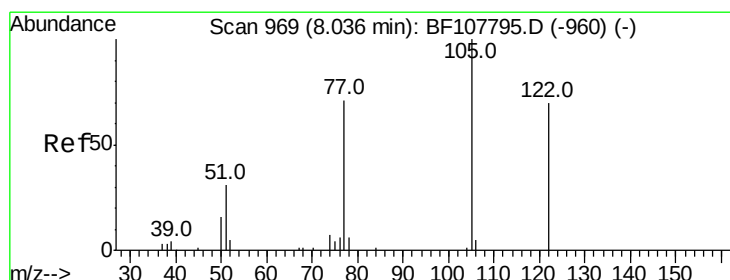
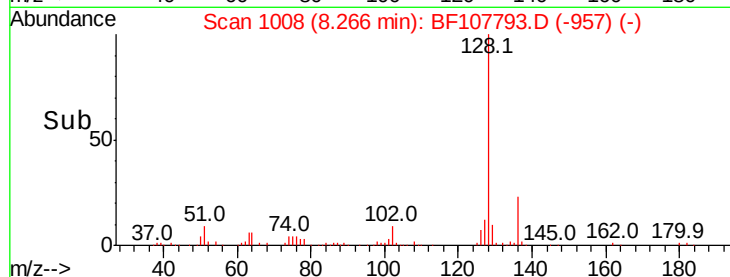
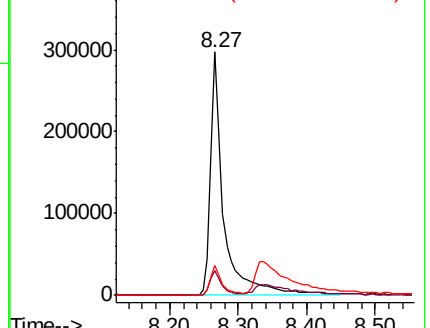
127 12.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.462 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.14 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

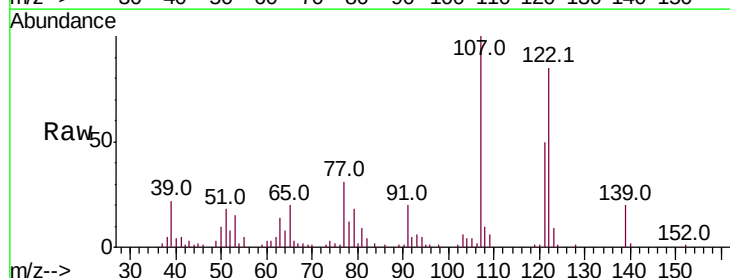
Tgt Ion:122 Resp: 88713

Ion Ratio Lower Upper

122 100

105 4.5 101.1 141.1#

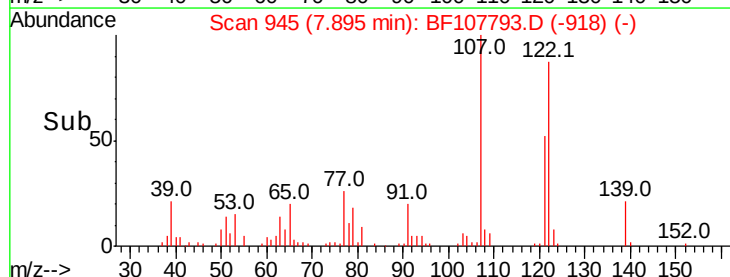
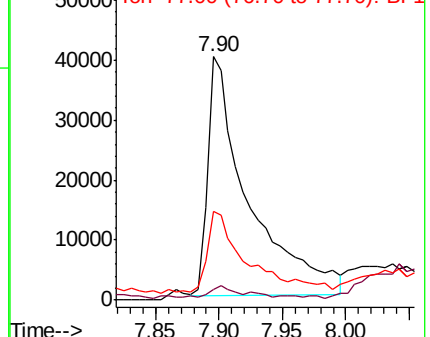
77 36.6 70.7 110.7#

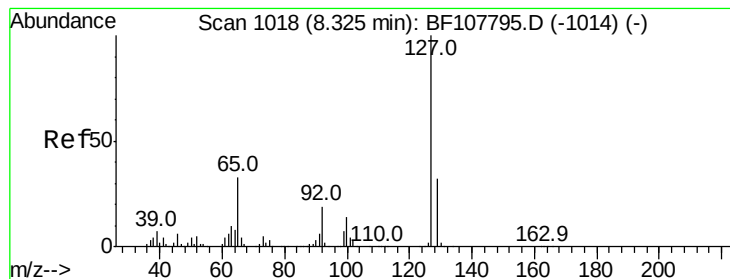


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.316 ng

RT: 8.34 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 146361

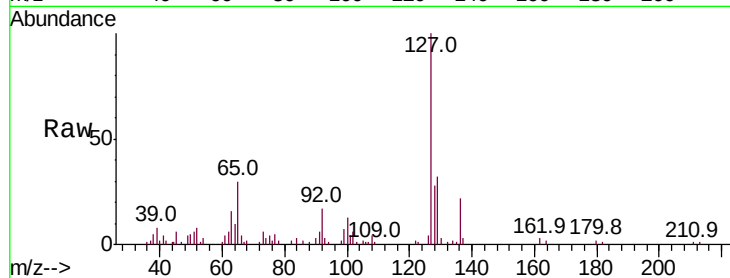
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 30.5 25.0 37.4

92 16.8 15.2 22.8

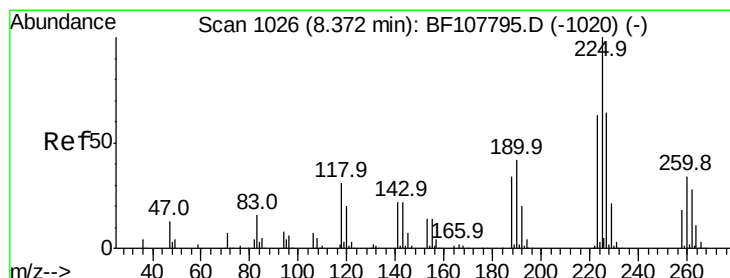
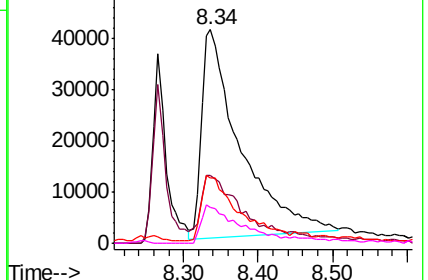
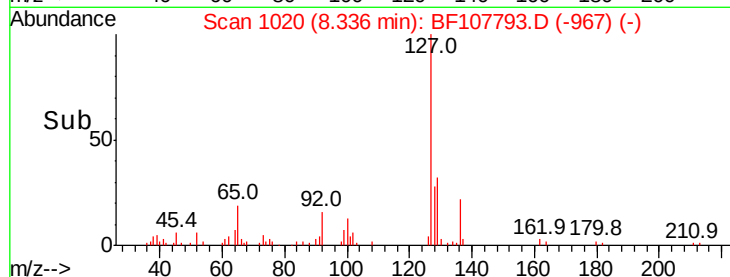


Abundance Ion 127.00 (126.70 to 127.70): E

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: 12.470 ng

RT: 8.37 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

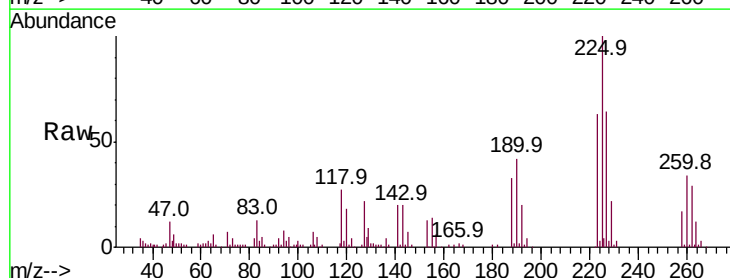
Tgt Ion:225 Resp: 85183

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

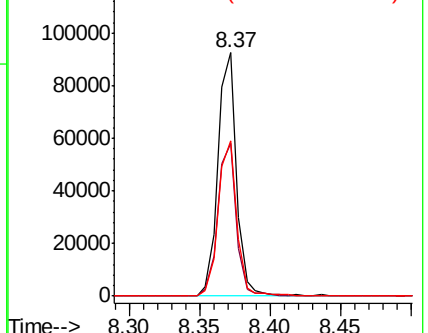
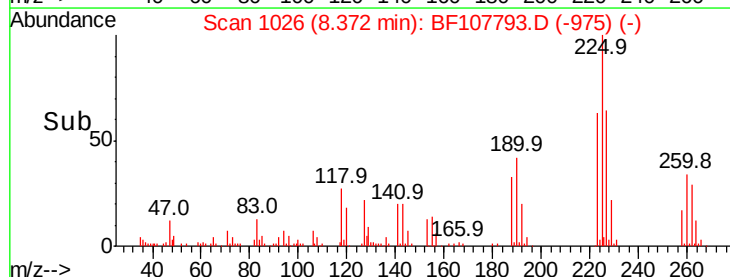
227 63.9 51.9 77.9

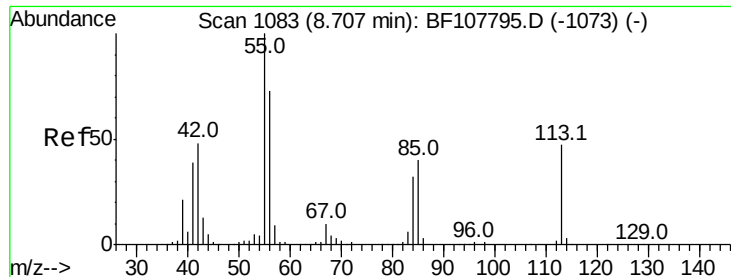


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

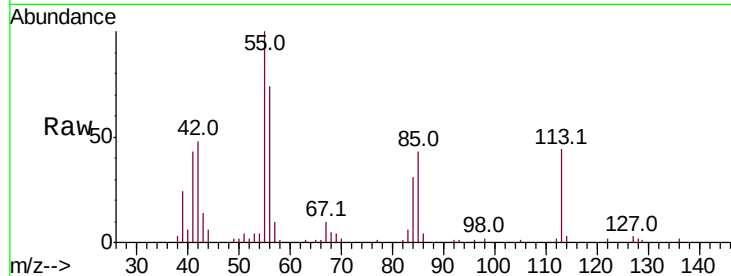




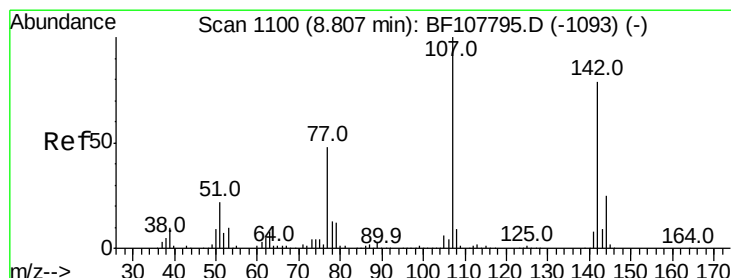
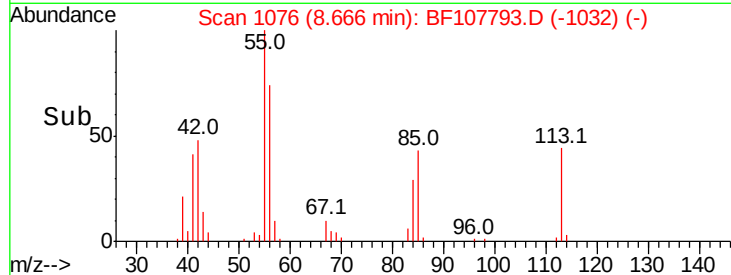
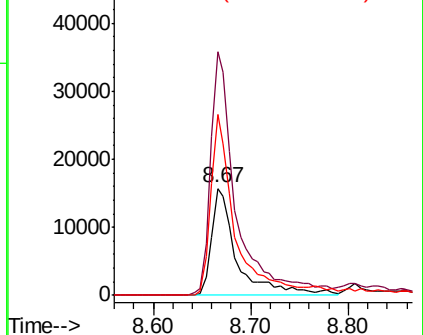
#35
 Caprolactam
 Concen: 8.597 ng
 RT: 8.67 min Scan# 1076
 Delta R.T. -0.04 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 28619
 Ion Ratio Lower Upper
 113 100
 55 227.7 163.3 203.3#
 56 169.2 115.7 155.7#

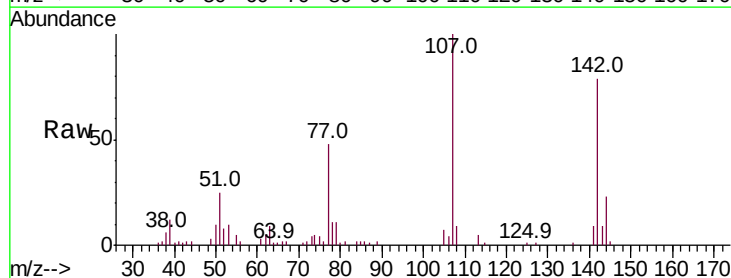


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

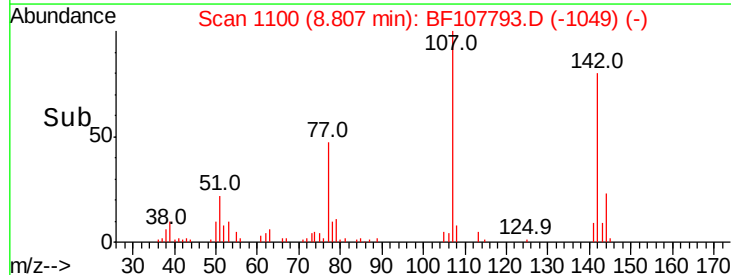
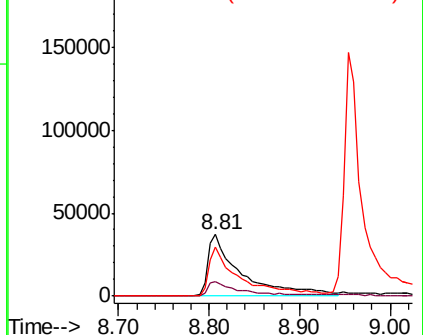


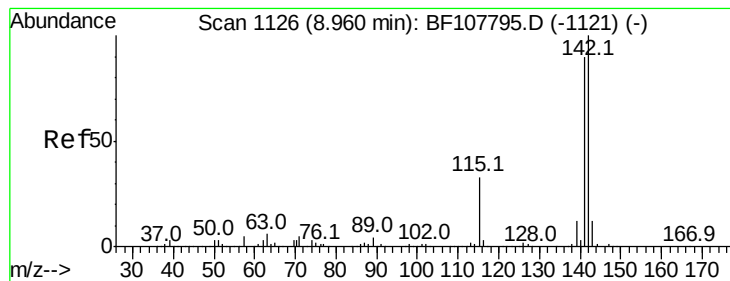
#36
 4-Chloro-3-methylphenol
 Concen: 8.314 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Tgt Ion:107 Resp: 94528
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.5 30.7
 142 79.3 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 8.950 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampled :

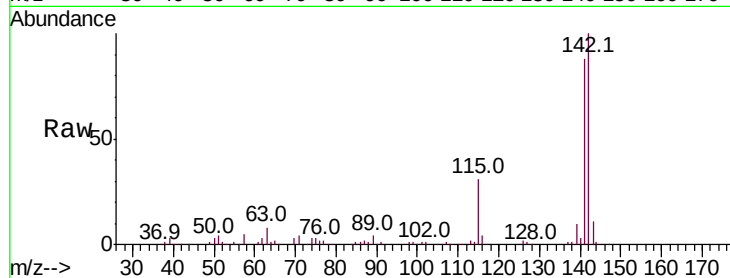
Tot Ion:142 Resp: 201311

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

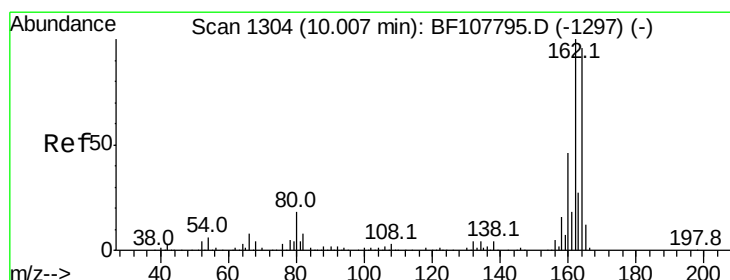
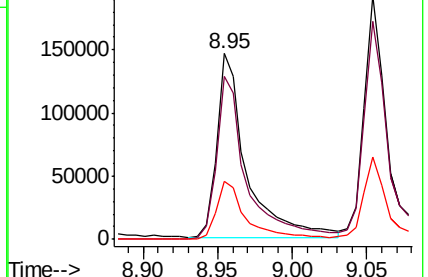
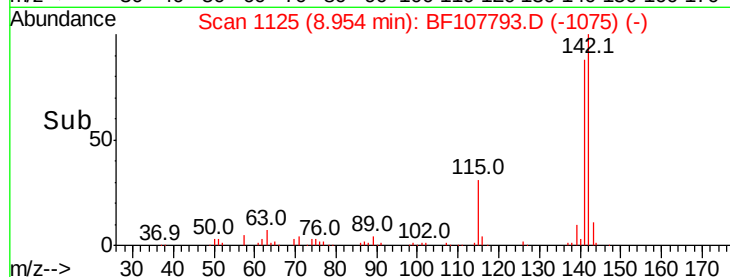
115 31.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

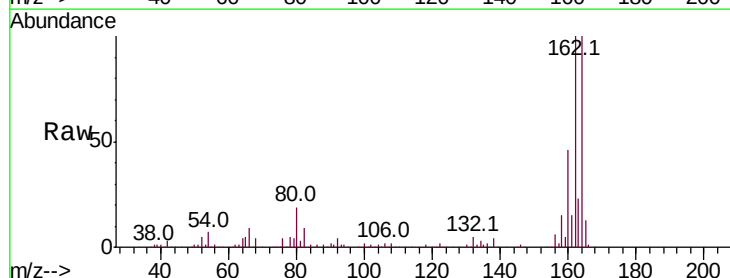
Tgt Ion:164 Resp: 349273

Ion Ratio Lower Upper

164 100

162 100.4 86.1 129.1

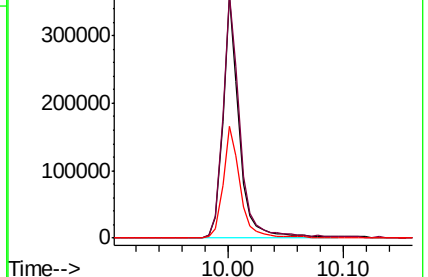
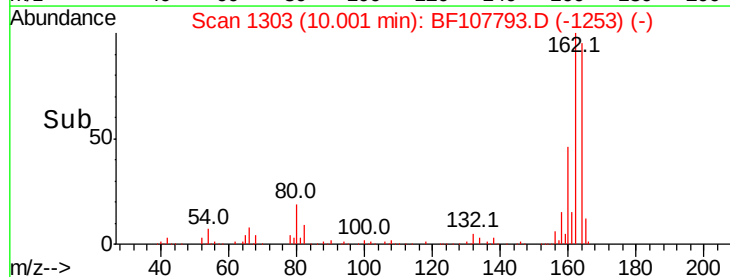
160 46.1 38.3 57.5

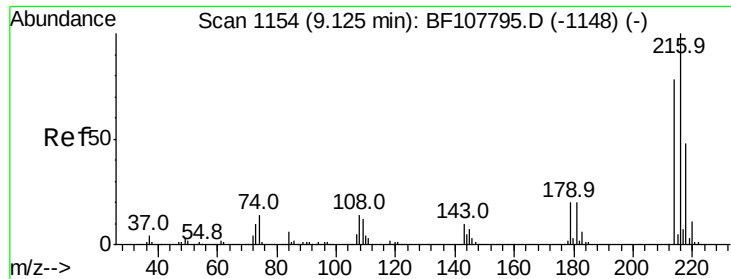


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

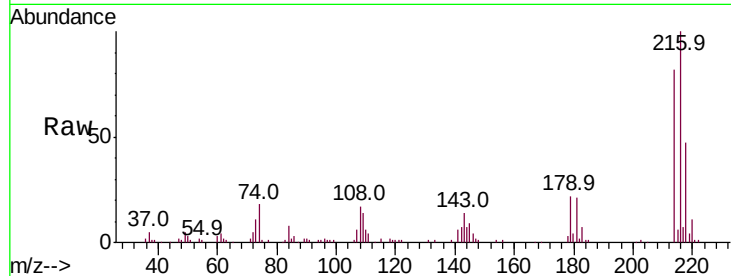




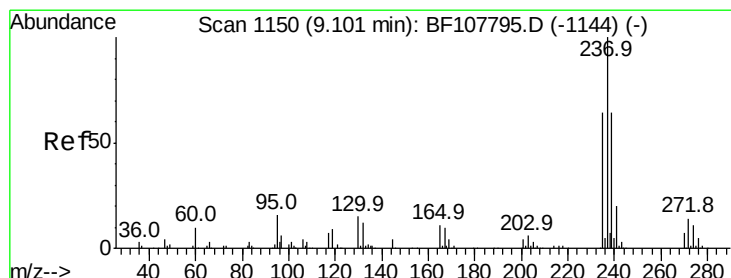
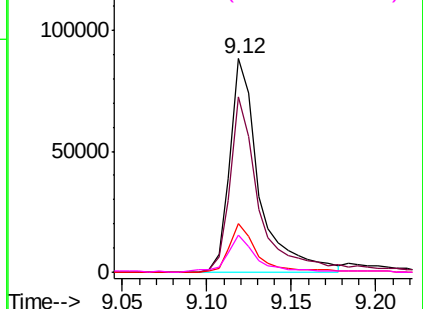
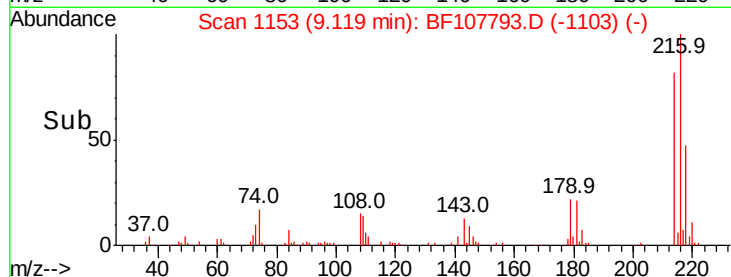
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.204 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	107226
Ion	Ratio	Lower	Upper
216	100		
214	85.4	63.0	94.4
179	22.2	18.1	27.1
108	18.1	17.2	25.8

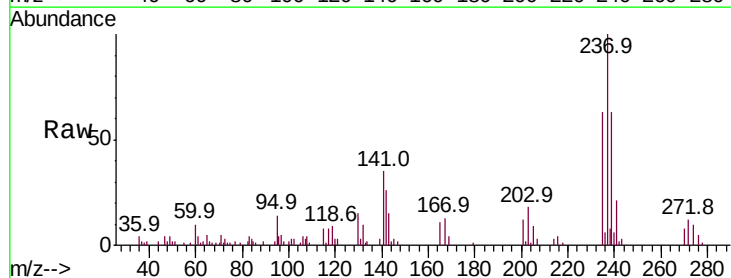


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

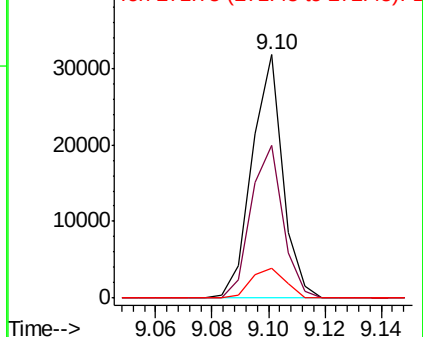
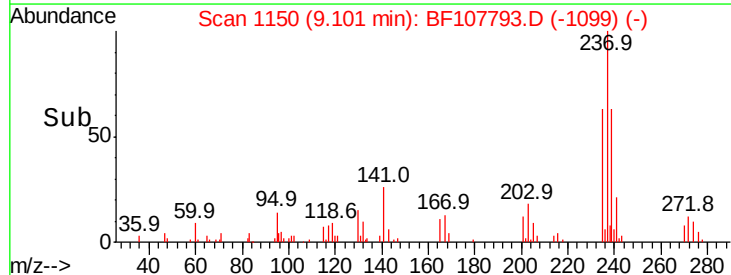


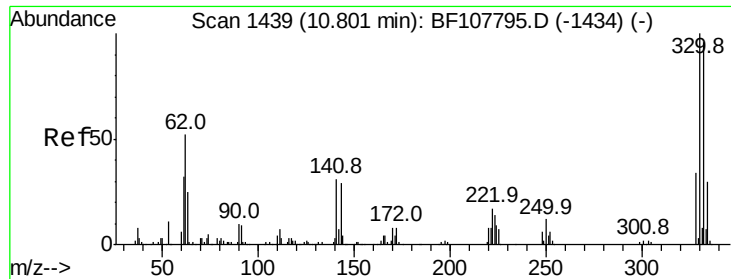
#40
 Hexachlorocyclopentadiene
 Concen: 4.047 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Tgt Ion:	237	Resp:	23966
Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.8	84.8
272	12.5	0.0	33.3



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

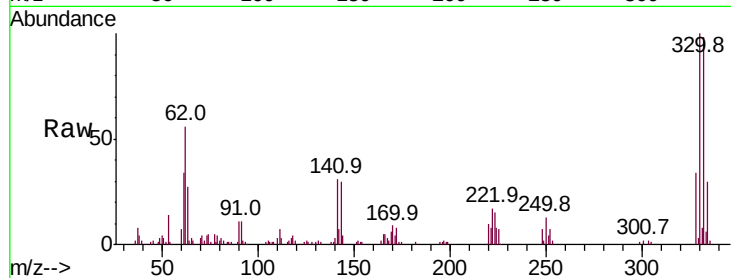




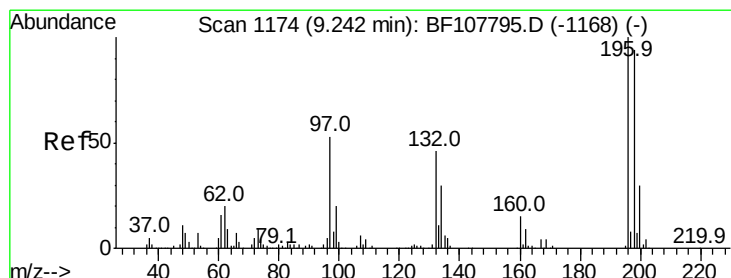
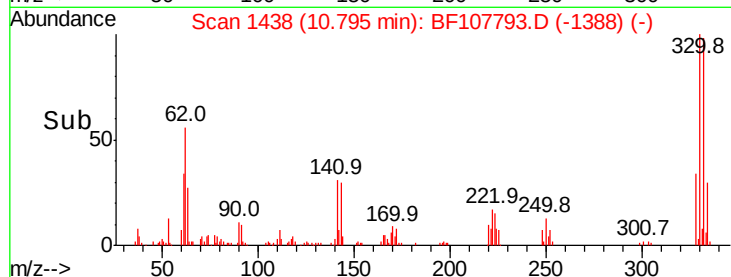
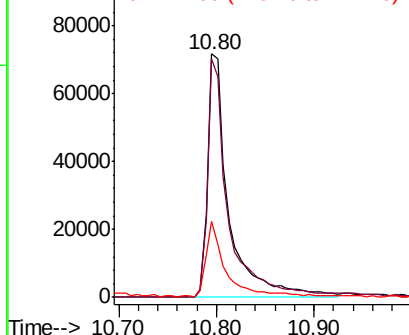
#41
 2,4,6-Tribromophenol
 Concen: 27.569 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 109498
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 29.2 29.9 44.9#

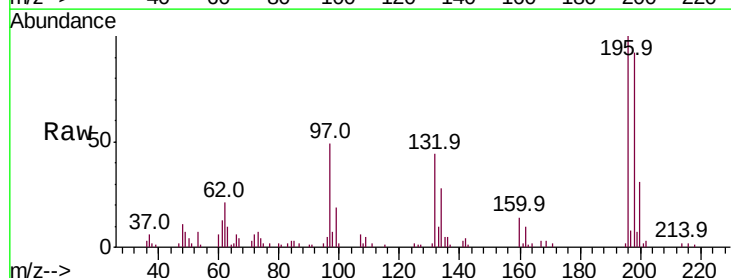


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

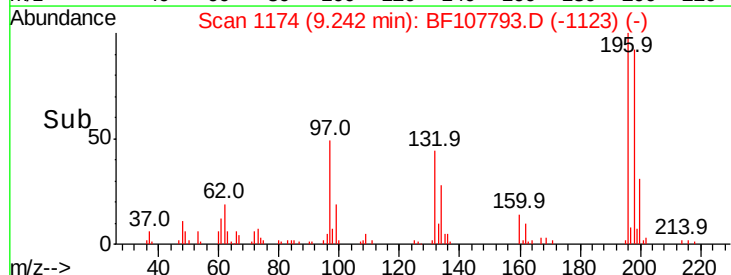
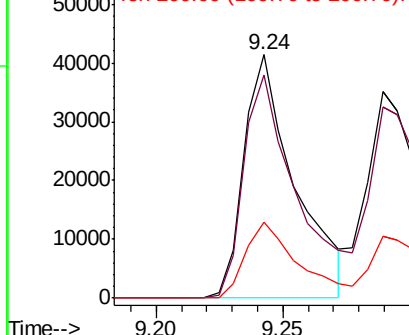


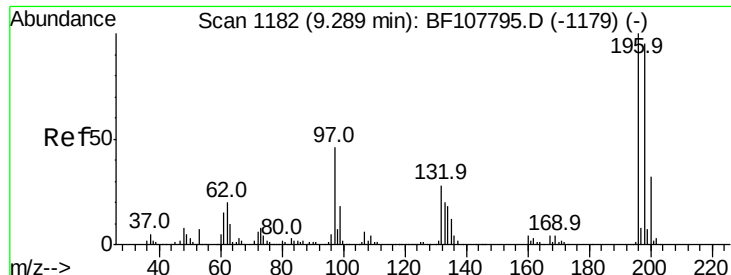
#42
 2,4,6-Trichlorophenol
 Concen: 7.752 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Tgt Ion:196 Resp: 57803
 Ion Ratio Lower Upper
 196 100
 198 91.8 75.7 113.5
 200 31.0 24.5 36.7



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

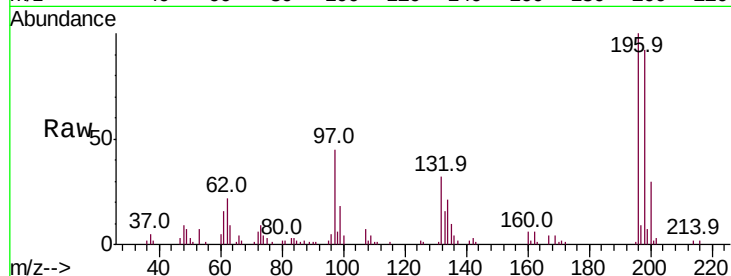




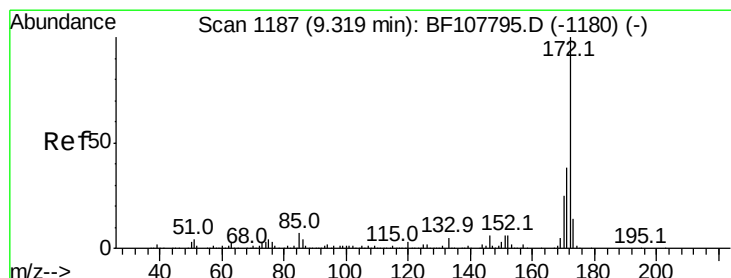
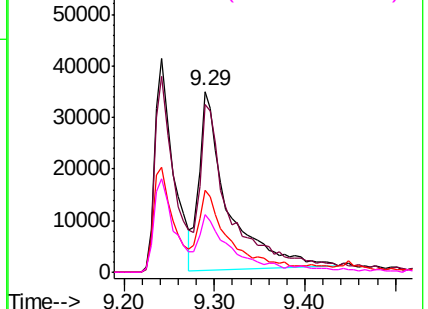
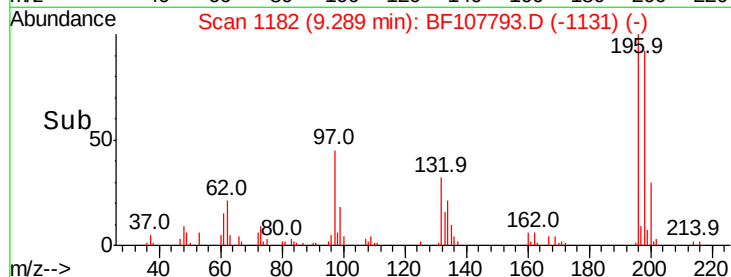
#43
2,4,5-Trichlorophenol
Concen: 9.842 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 76704
Ion Ratio Lower Upper
196 100
198 92.4 74.6 112.0
97 45.4 42.9 64.3
132 31.6 26.3 39.5

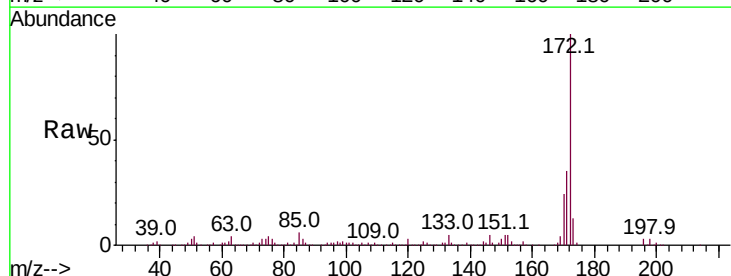


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

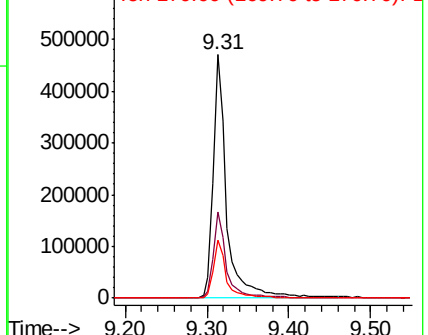
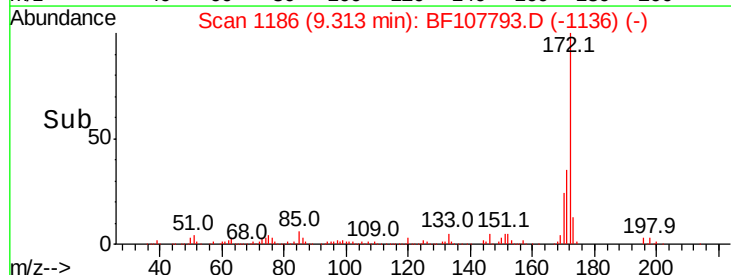


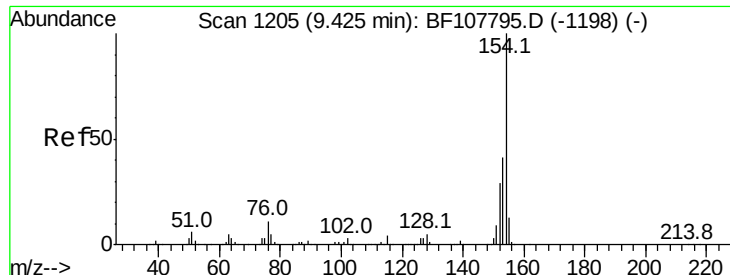
#44
2-Fluorobiphenyl
Concen: 23.568 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:172 Resp: 541384
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.6 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

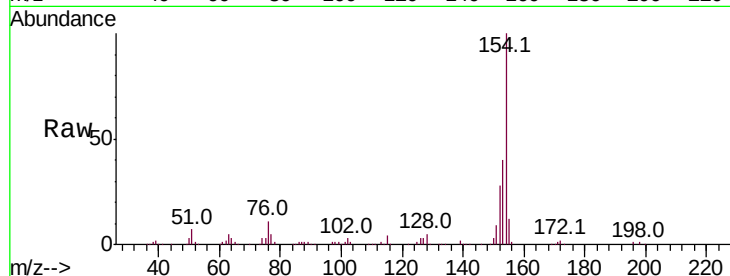




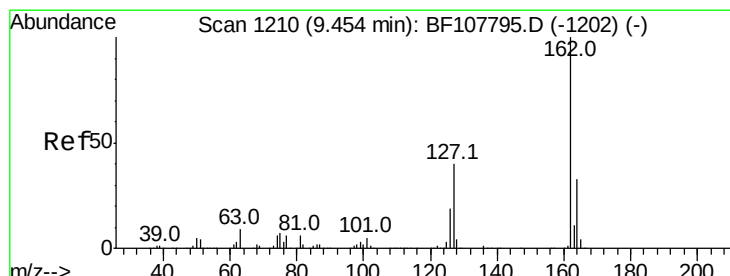
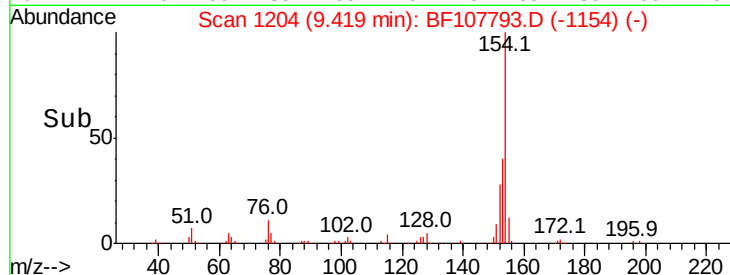
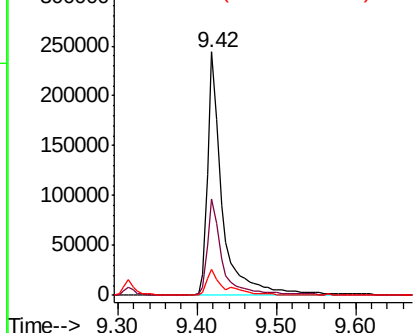
#45
1,1'-Biphenyl
Concen: 10.525 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 320236
Ion Ratio Lower Upper
154 100
153 39.5 21.3 61.3
76 10.7 0.0 34.0

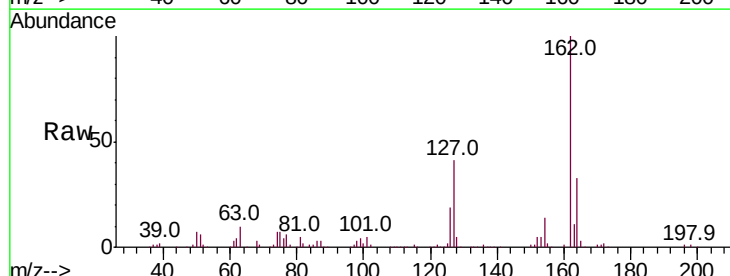


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

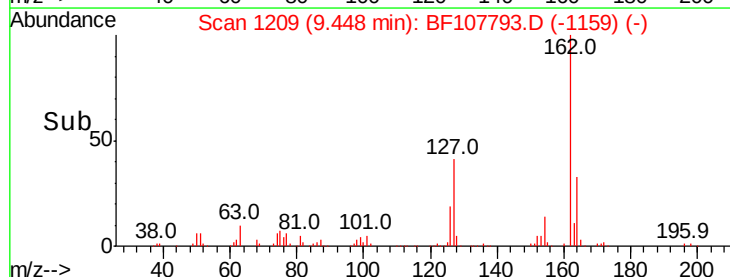
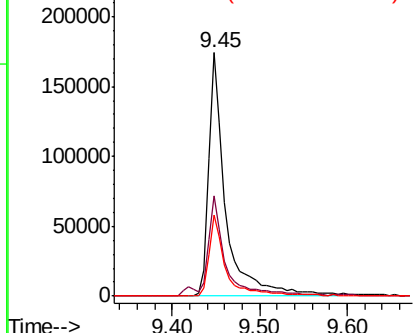


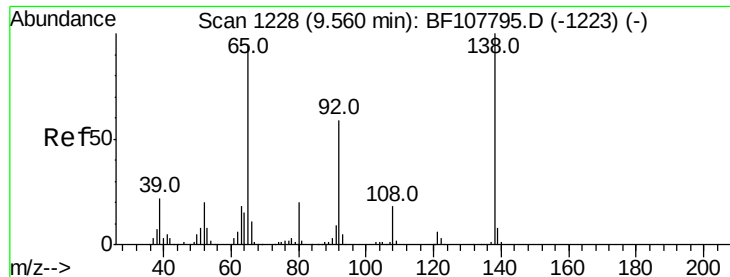
#46
2-Chloronaphthalene
Concen: 10.189 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:162 Resp: 236959
Ion Ratio Lower Upper
162 100
127 41.2 33.9 50.9
164 33.3 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

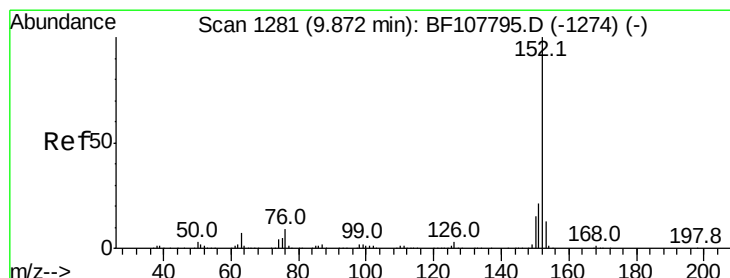
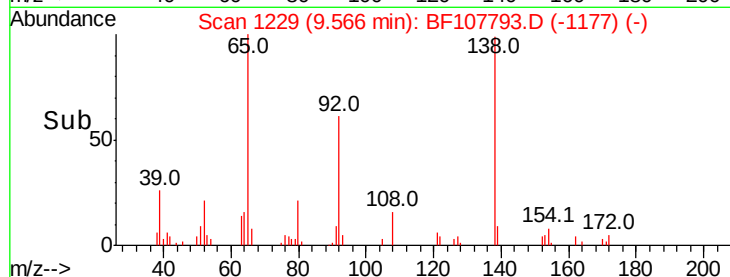
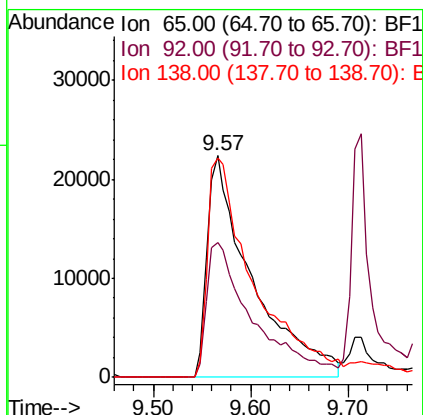
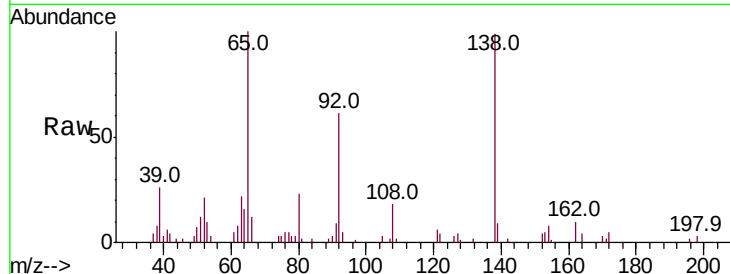




#47
2-Nitroaniline
Concen: 10.546 ng
RT: 9.57 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

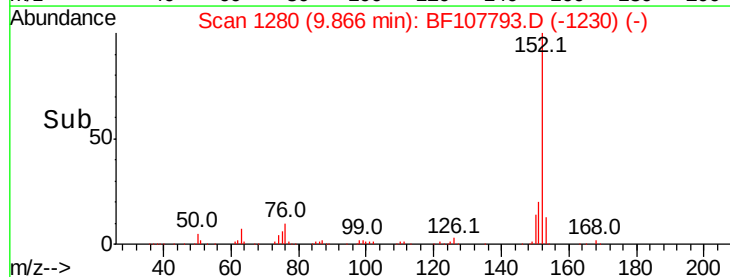
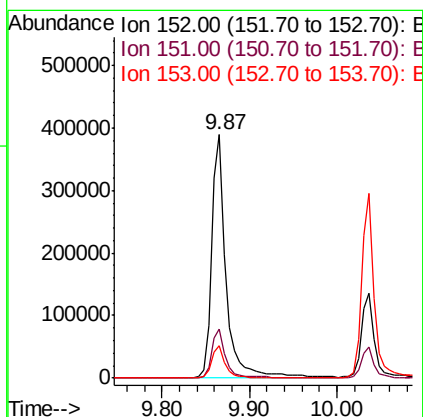
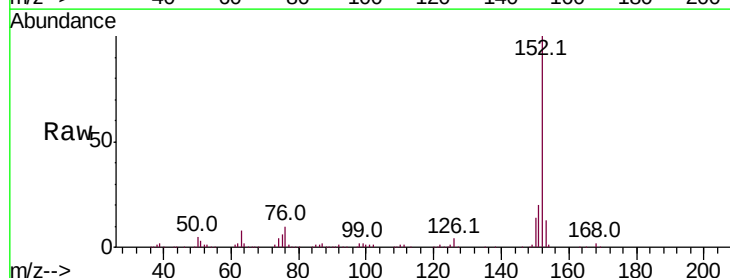
Instrument :
BNA_F
ClientSampleId :

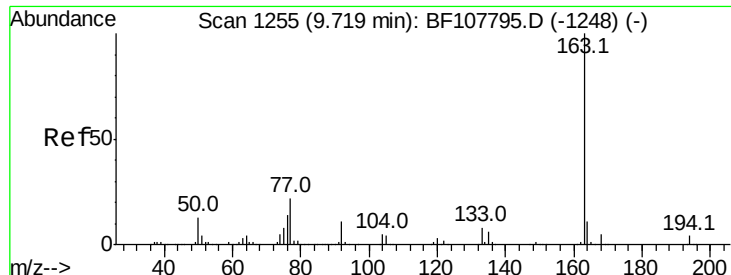
Tot Ion: 65 Resp: 71501
Ion Ratio Lower Upper
65 100
92 61.1 55.8 83.6
138 99.3 91.2 136.8



#48
Acenaphthylene
Concen: 12.847 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion: 152 Resp: 448826
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.4 10.7 16.1

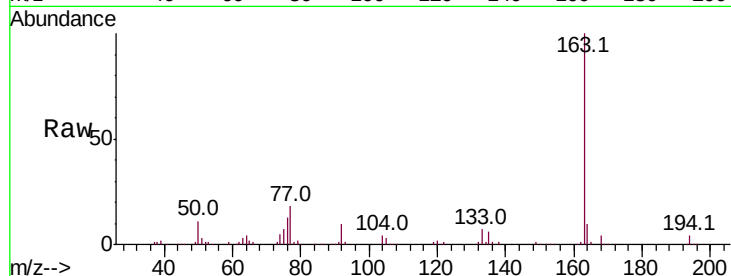




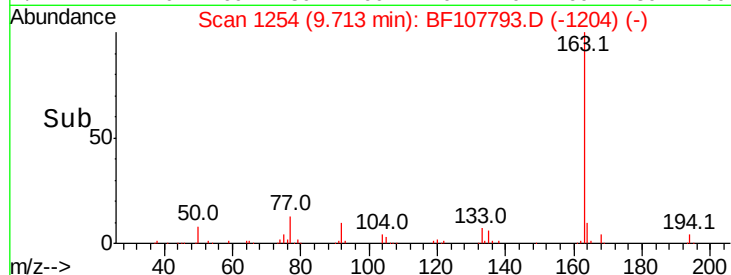
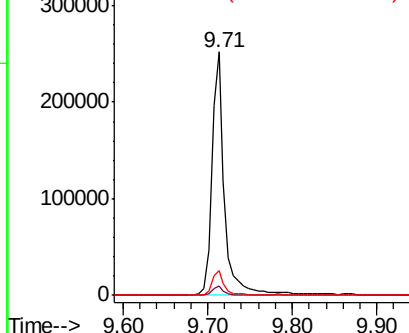
#49
Dimethylphthalate
Concen: 10.182 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 268021
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.2 8.2 12.2

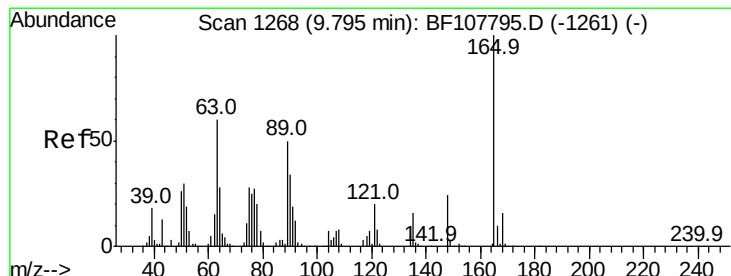


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

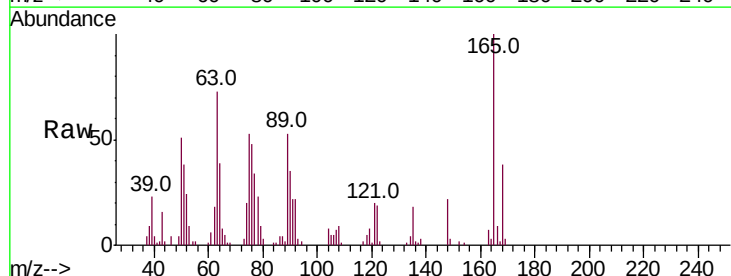
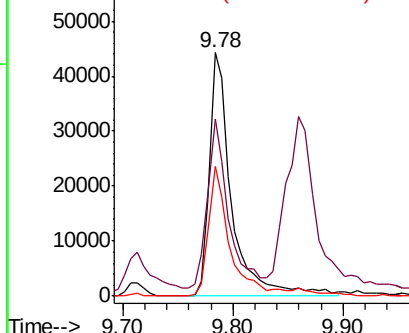


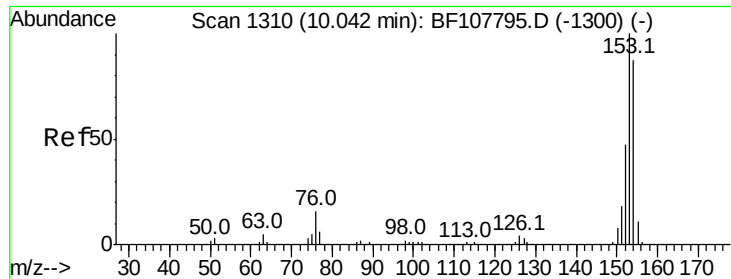
#50
2,6-Dinitrotoluene
Concen: 11.624 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:165 Resp: 60752
Ion Ratio Lower Upper
165 100
63 72.9 44.7 67.1#
89 53.3 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: 11.968 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

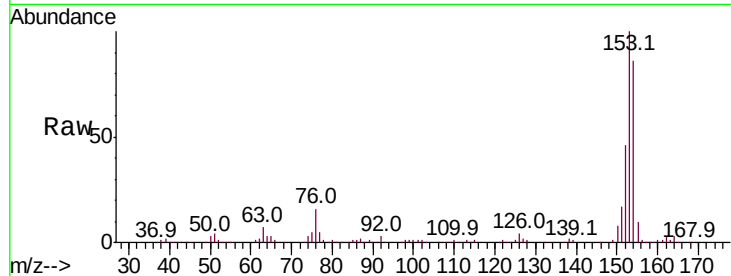
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 261975

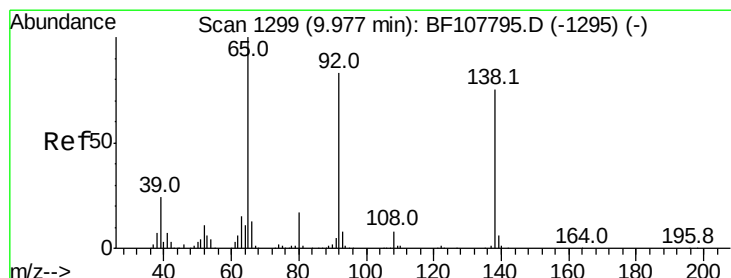
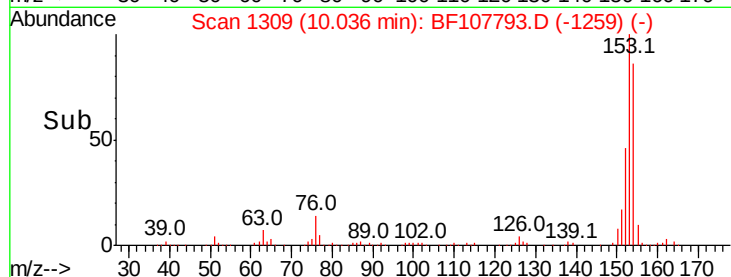
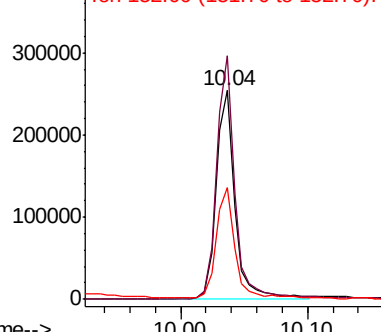
Ion	Ratio	Lower	Upper
154	100		
153	116.6	91.2	136.8
152	53.8	43.8	65.8



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: 12.292 ng

RT: 9.98 min Scan# 1299

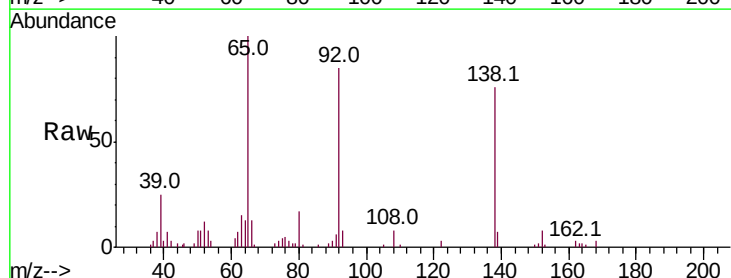
Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Tgt Ion:138 Resp: 78152

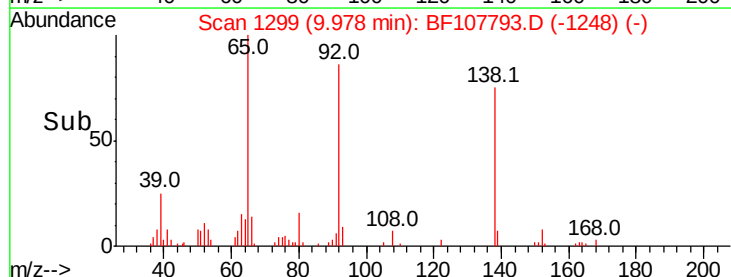
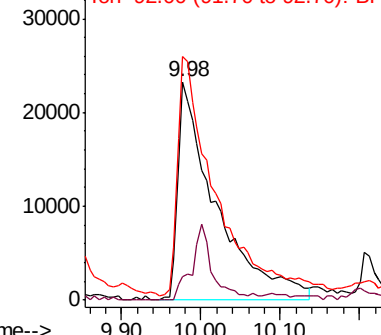
Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	111.6	89.4	134.2

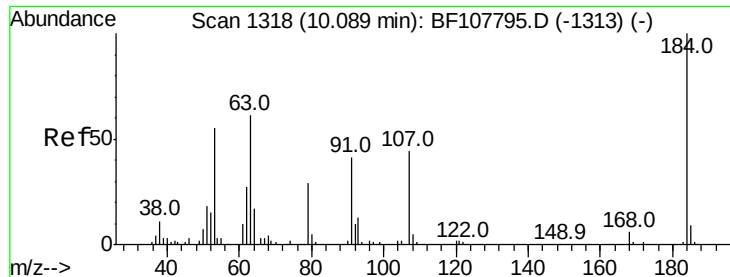


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

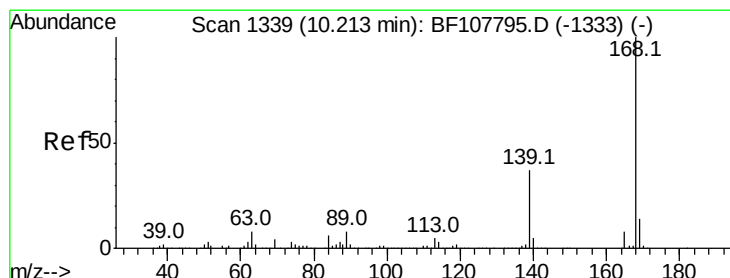
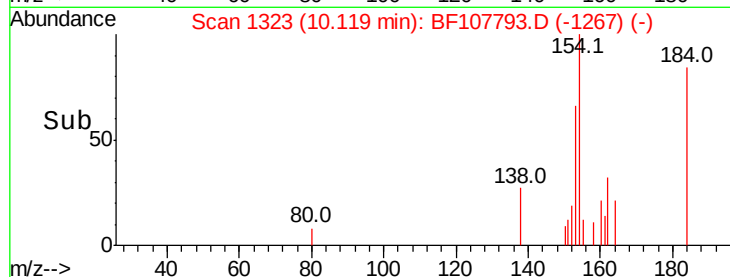
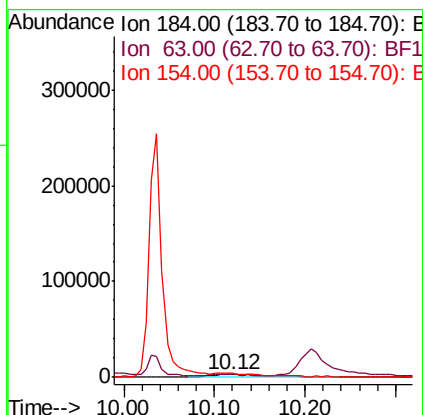
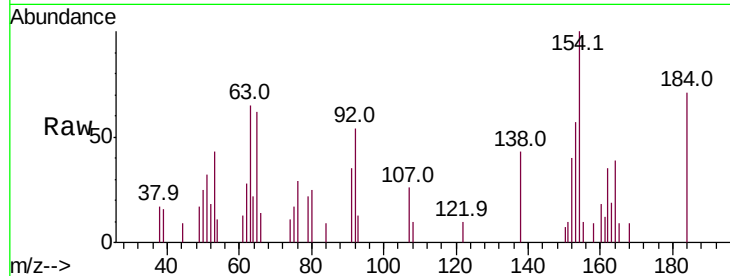




#53
 2,4-Dinitrophenol
 Concen: 9.005 ng
 RT: 10.12 min Scan# 1323
 Delta R.T. 0.03 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

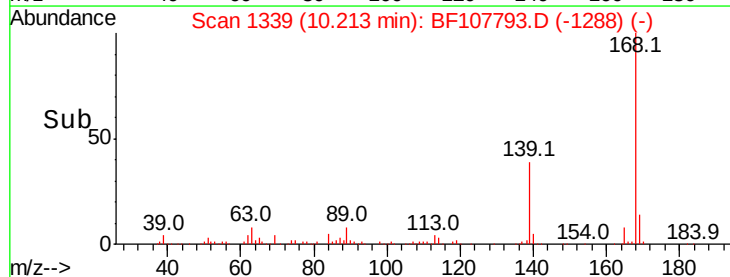
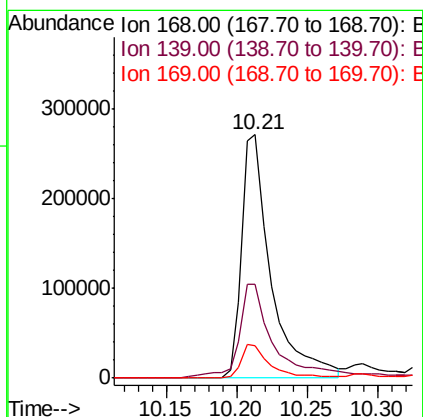
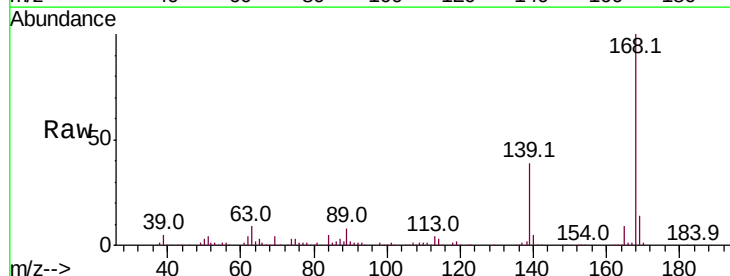
Instrument :
 BNA_F
 ClientSampleId :

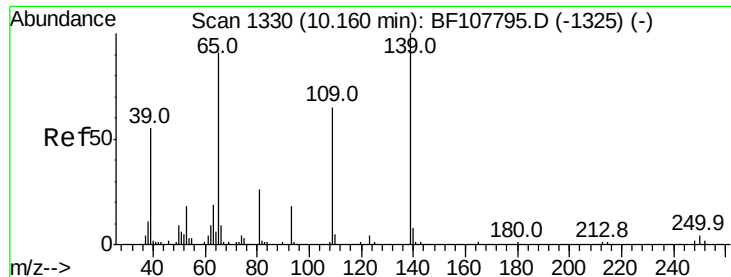
Tot Ion:184 Resp: 15174
 Ion Ratio Lower Upper
 184 100
 63 90.4 54.2 81.2#
 154 140.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 12.318 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Tgt Ion:168 Resp: 396966
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 13.5 10.9 16.3

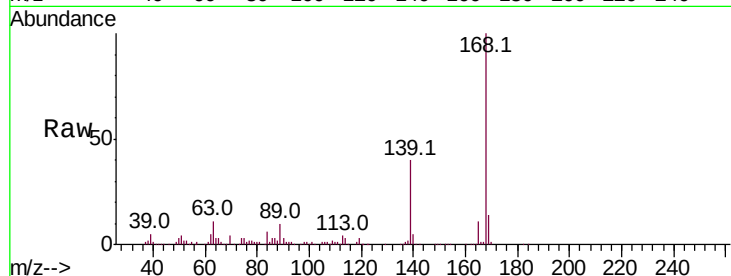




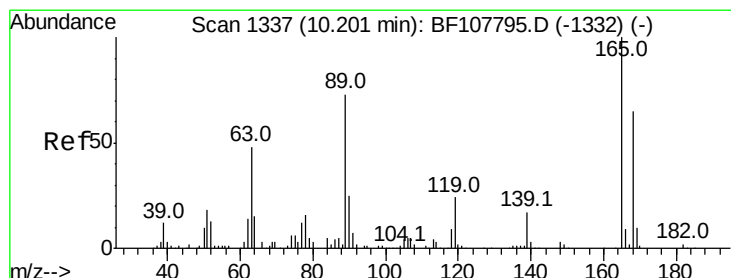
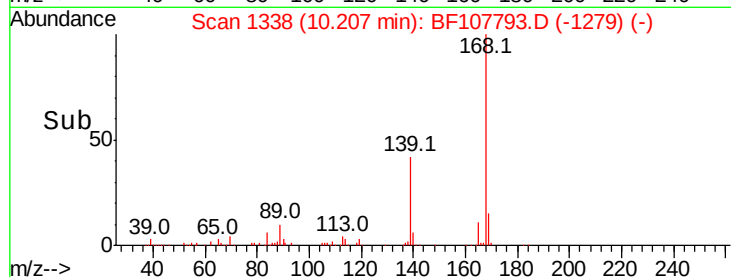
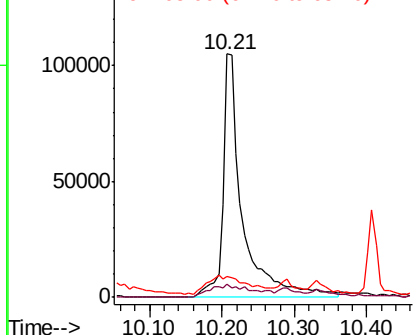
#55
4-Nitrophenol
Concen: 40.896 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.05 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 194677
Ion Ratio Lower Upper
139 100
109 5.2 48.4 88.4#
65 8.4 72.6 112.6#

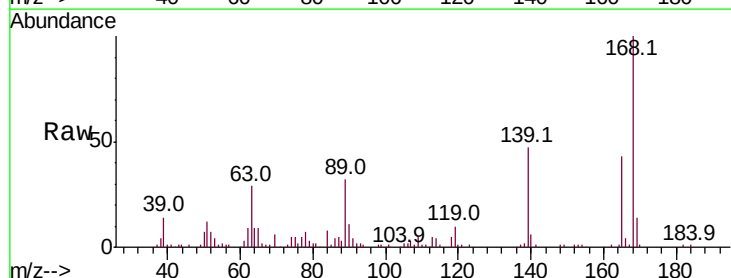


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

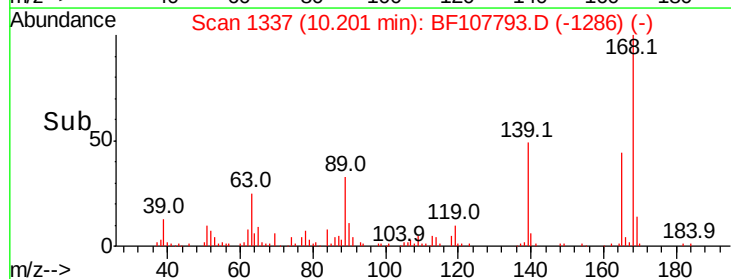
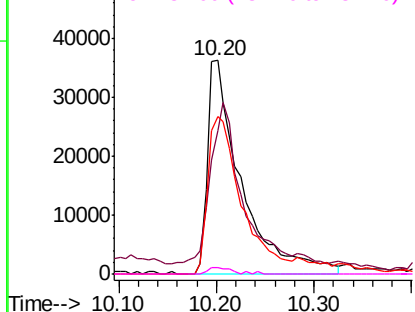


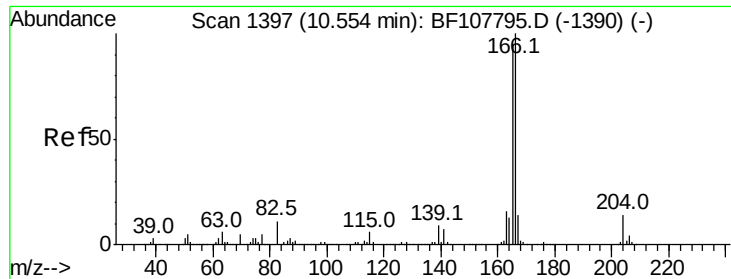
#56
2,4-Dinitrotoluene
Concen: 13.771 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:165 Resp: 86877
Ion Ratio Lower Upper
165 100
63 67.2 36.4 54.6#
89 73.9 57.8 86.6
182 3.0 1.6 2.4#



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

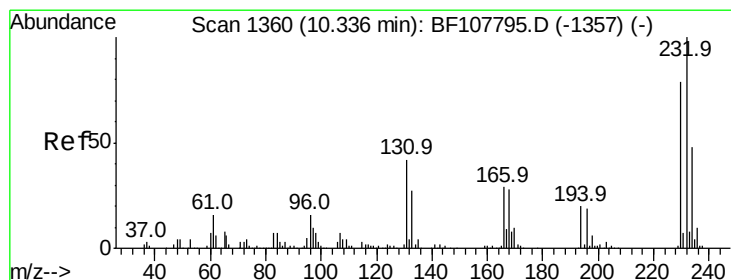
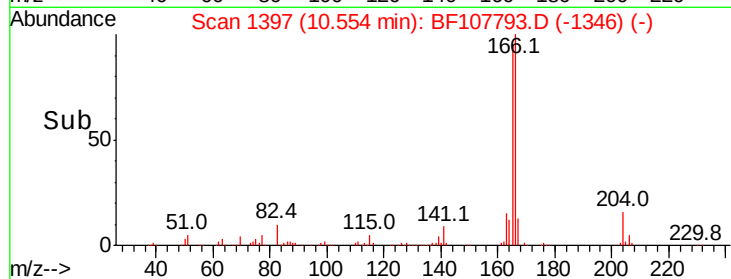
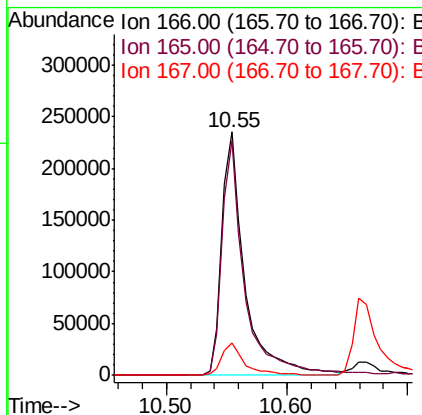
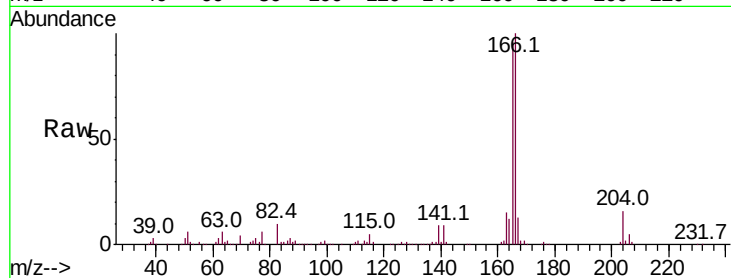




#57
Fluorene
Concen: 13.471 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

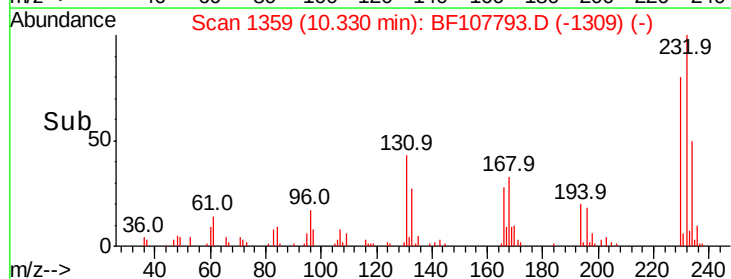
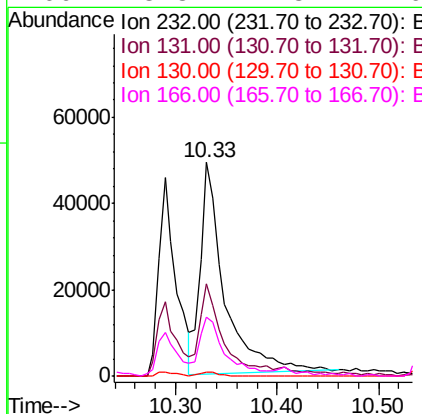
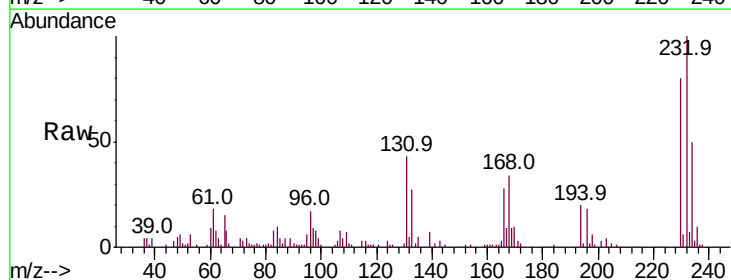
Instrument :
BNA_F
ClientSampleId :

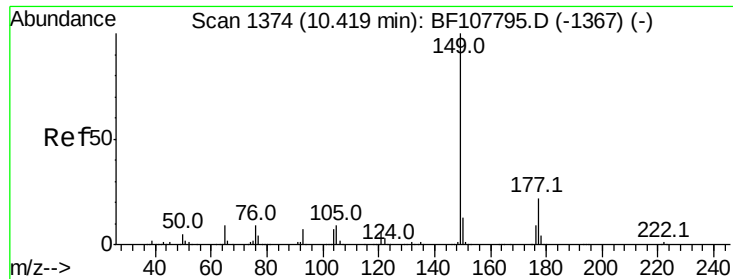
Tot Ion:166 Resp: 309702
Ion Ratio Lower Upper
166 100
165 96.5 79.8 119.8
167 13.2 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 12.474 ng
RT: 10.33 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:232 Resp: 80907
Ion Ratio Lower Upper
232 100
131 43.6 43.8 65.8#
130 1.6 2.1 3.1#
166 23.8 27.8 41.6#

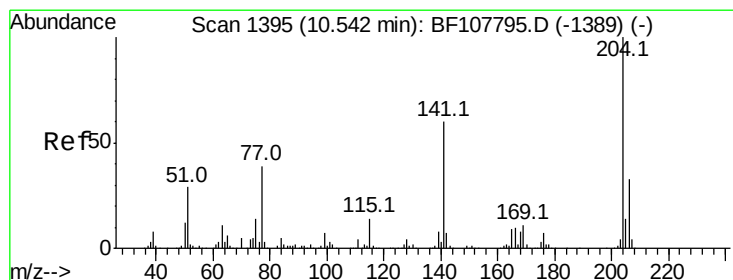
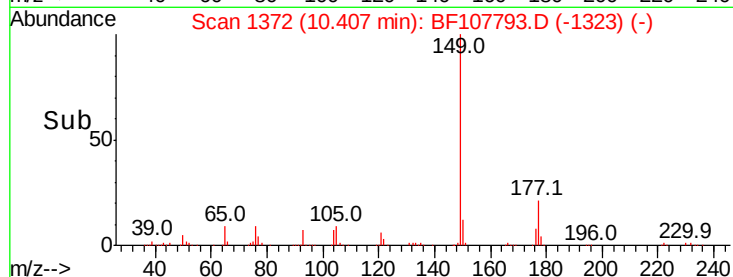
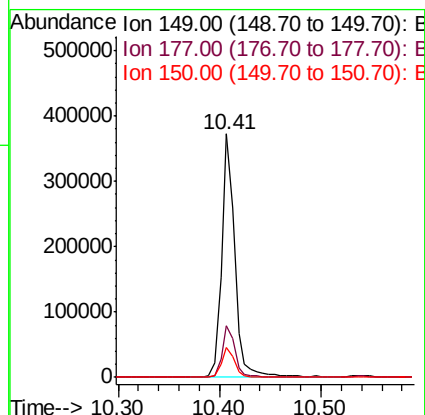
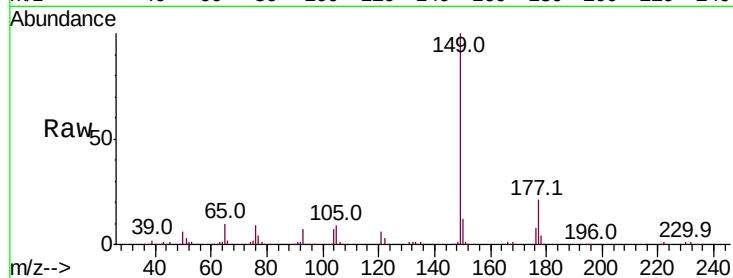




#59
Diethylphthalate
Concen: 12.229 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

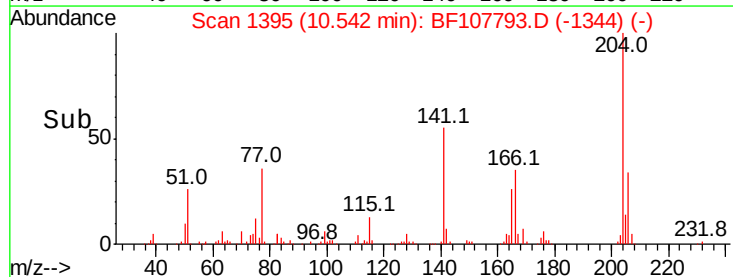
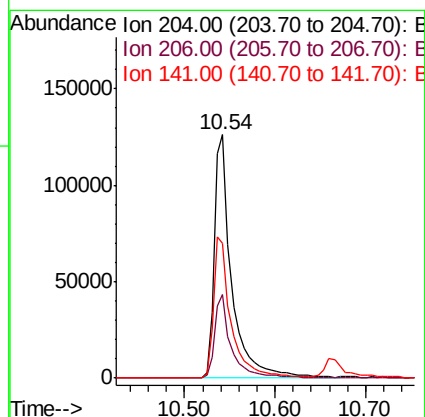
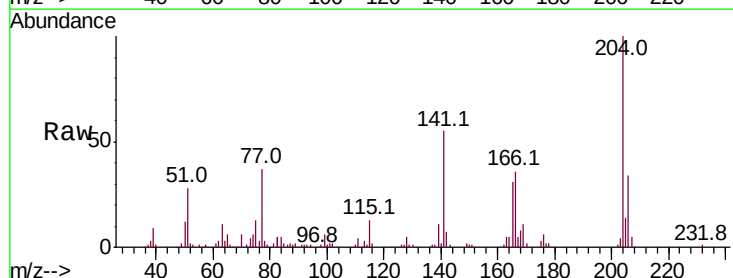
Instrument :
BNA_F
ClientSampled :

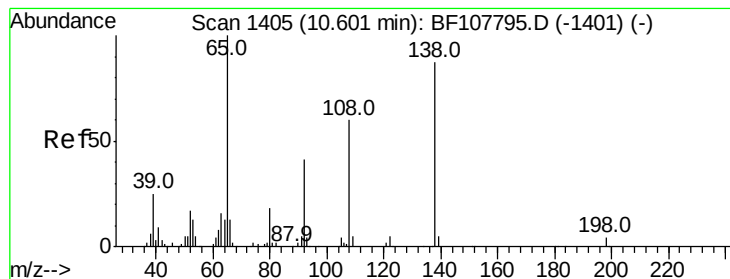
Tot Ion:149 Resp: 336200
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 13.065 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:204 Resp: 169803
Ion Ratio Lower Upper
204 100
206 34.2 26.5 39.7
141 55.1 54.6 81.8





#61

4-Nitroaniline

Concen: 12.979 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

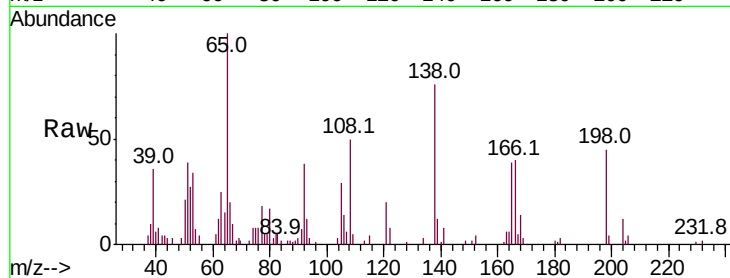
Tot Ion:138 Resp: 69331

Ion Ratio Lower Upper

138 100

92 50.7 30.2 70.2

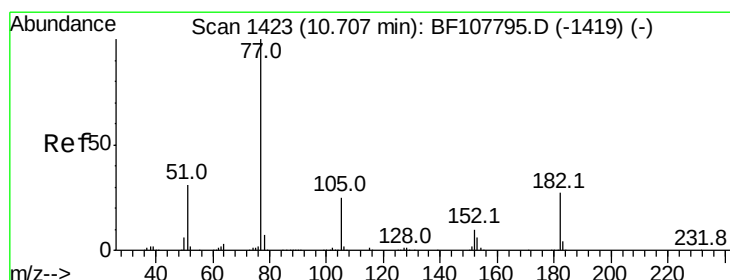
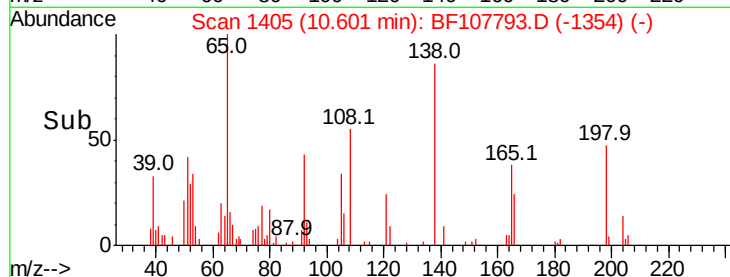
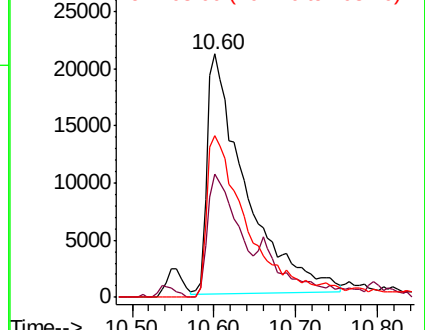
108 66.3 52.5 92.5



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: 11.718 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Tgt Ion: 77 Resp: 302075

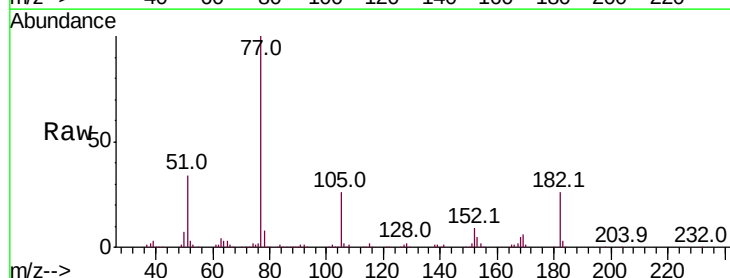
Ion Ratio Lower Upper

77 100

182 26.2 1.7 41.7

105 25.5 3.0 43.0

51 33.7 9.9 49.9

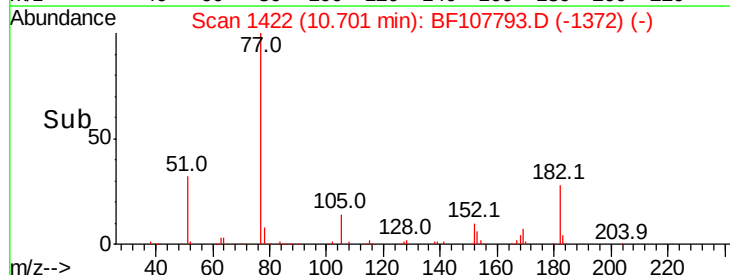
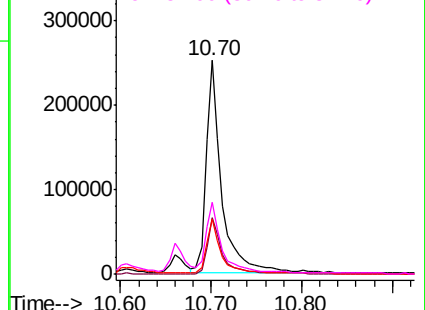


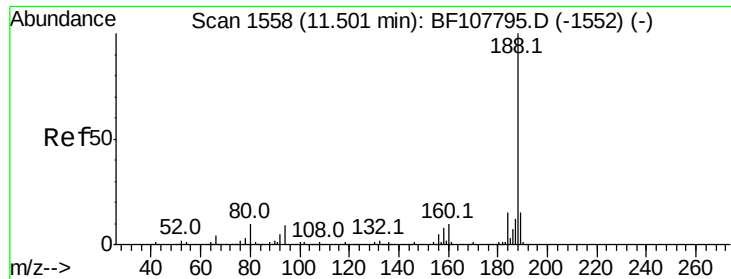
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

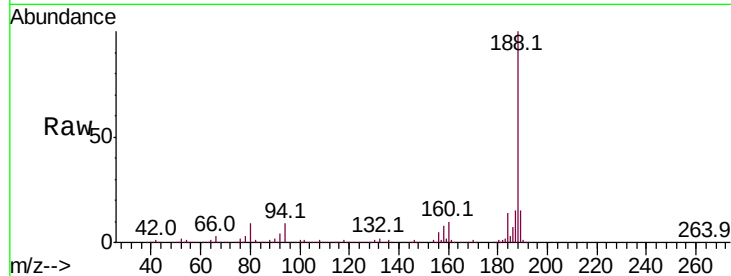
Tot Ion:188 Resp: 753225

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

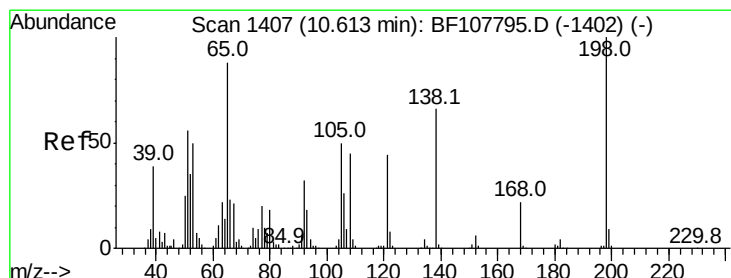
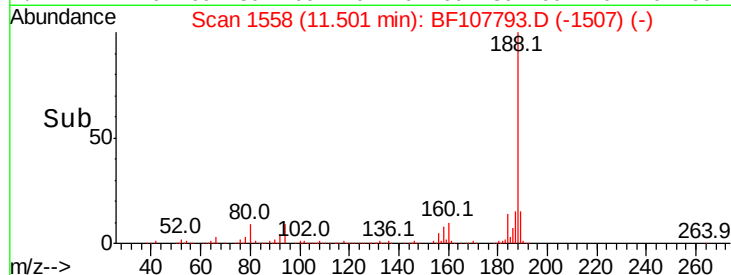
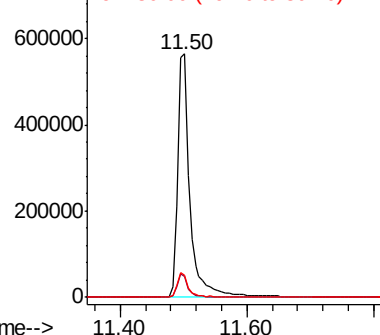
80 9.0 9.2 13.8#



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: 11.267 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

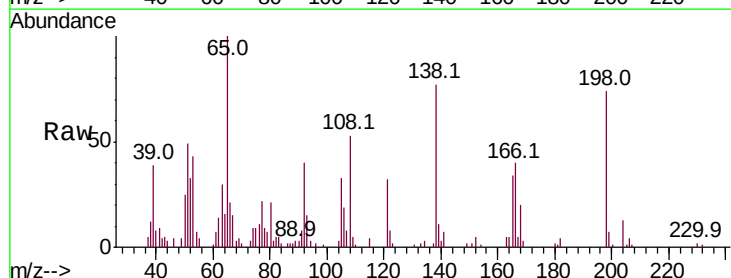
Tgt Ion:198 Resp: 35524

Ion Ratio Lower Upper

198 100

51 66.1 37.7 77.7

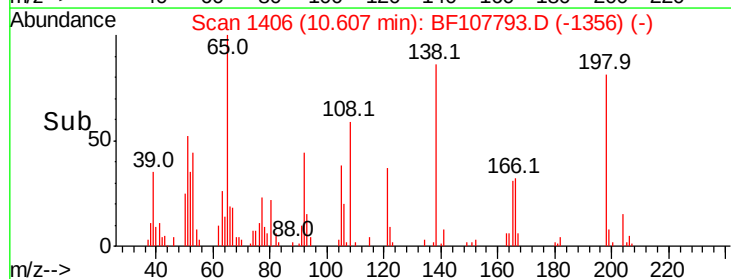
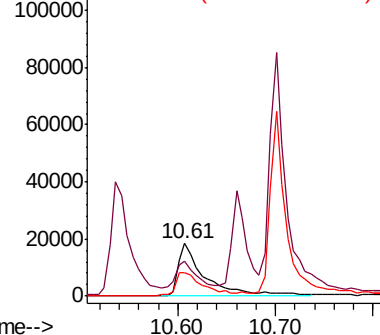
105 45.0 36.3 76.3

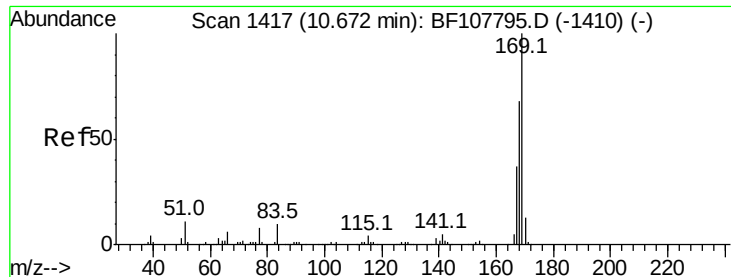


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

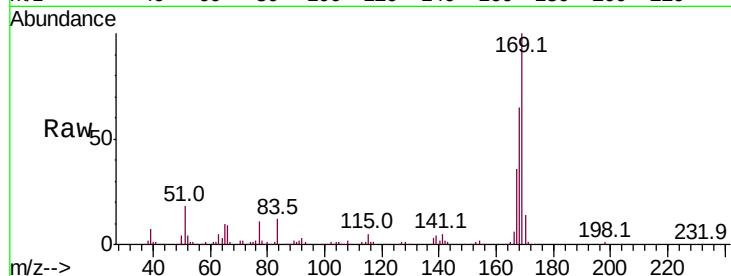




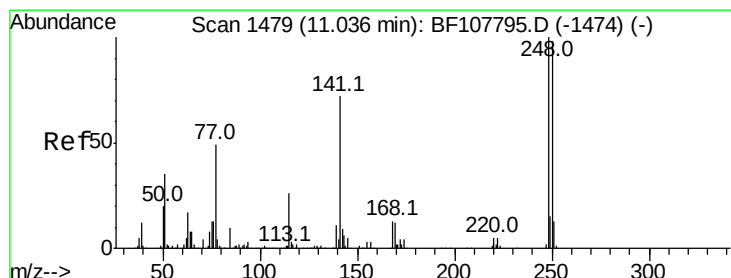
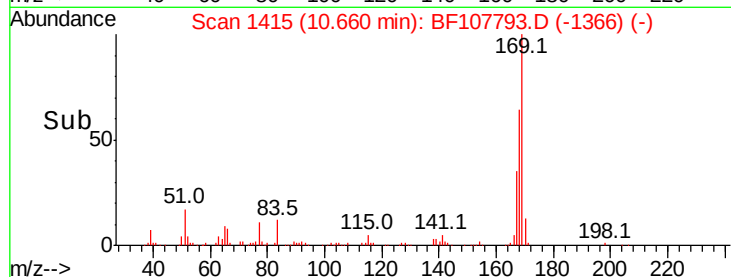
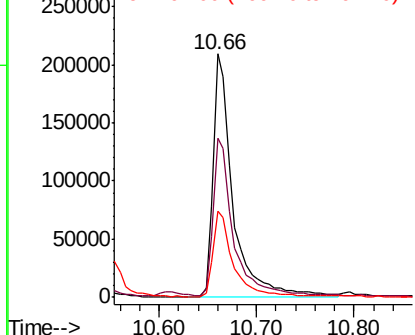
#65
n-Nitrosodiphenylamine
Concen: 11.518 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 294640
Ion Ratio Lower Upper
169 100
168 65.5 54.4 81.6
167 35.6 29.8 44.6

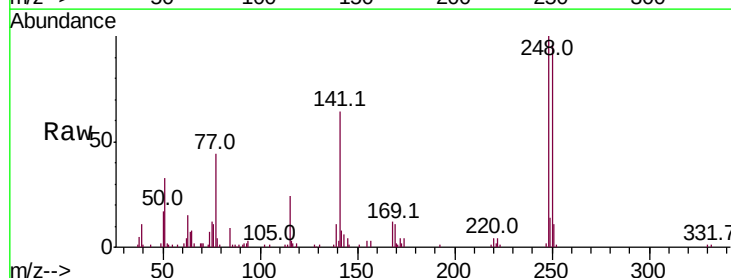


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

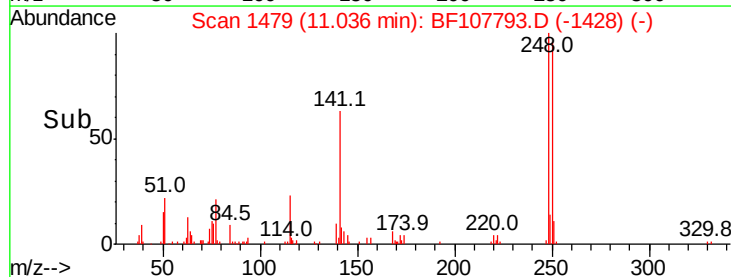
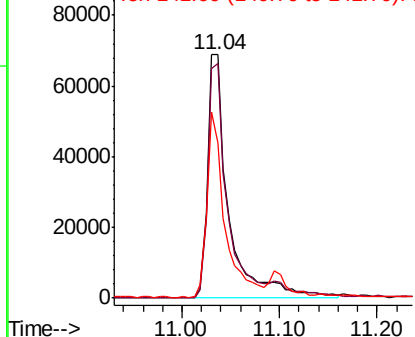


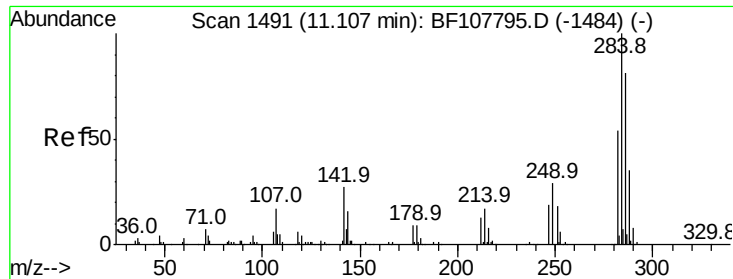
#66
4-Bromophenyl-phenylether
Concen: 11.735 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion:248 Resp: 104054
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 64.1 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 11.637 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampled :

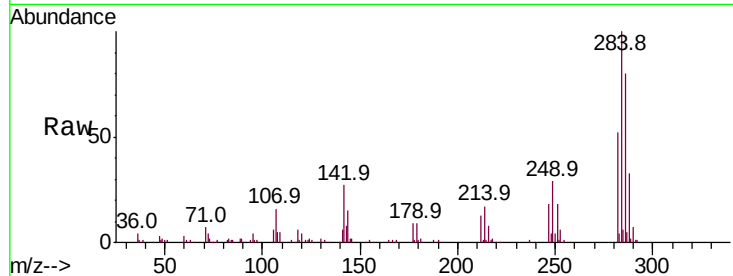
Tot Ion:284 Resp: 113530

Ion Ratio Lower Upper

284 100

142 27.3 34.6 52.0#

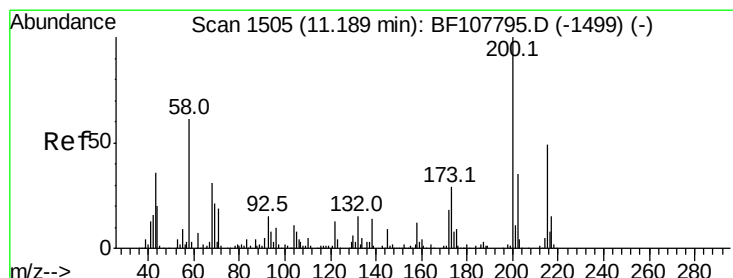
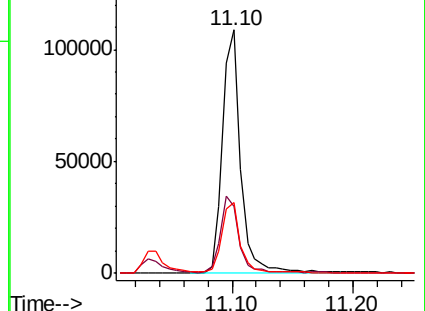
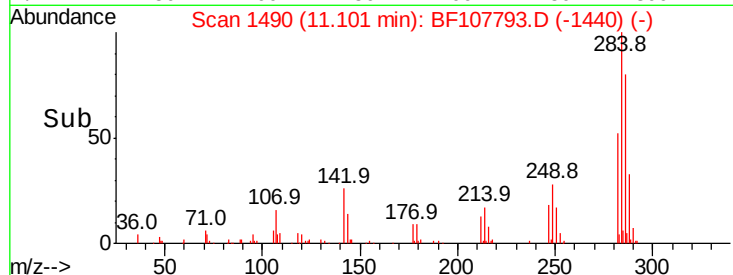
249 29.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 11.322 ng

RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

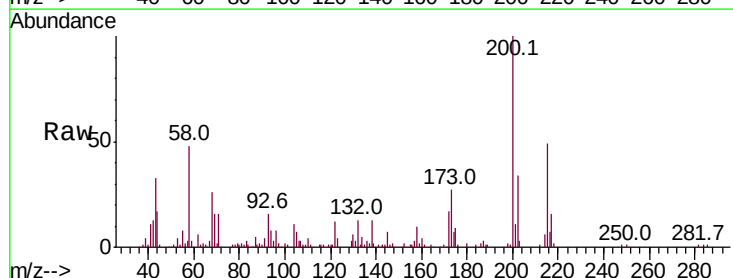
Tgt Ion:200 Resp: 88434

Ion Ratio Lower Upper

200 100

173 26.7 8.6 48.6

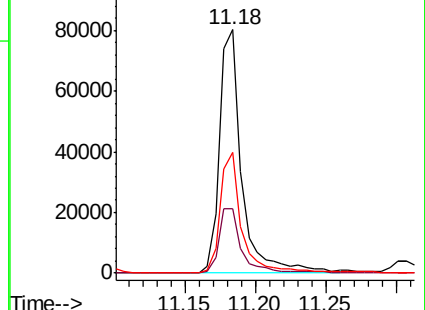
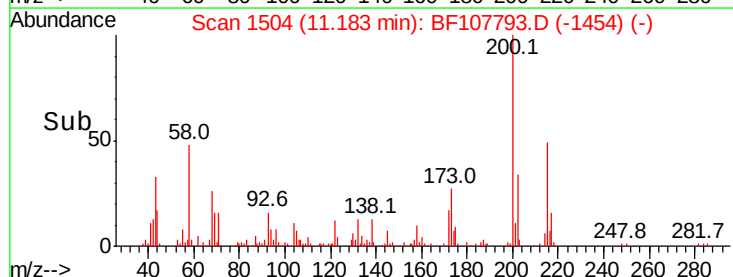
215 49.5 25.1 65.1

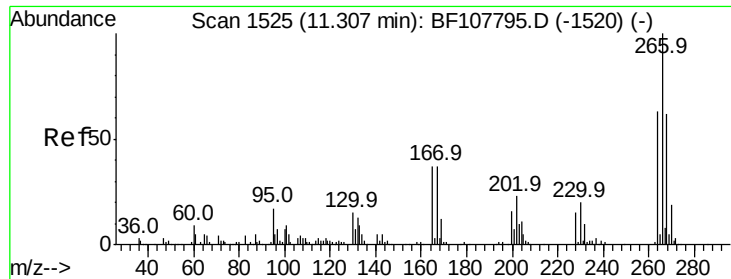


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

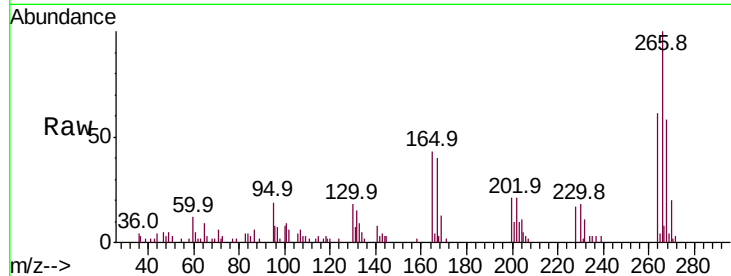




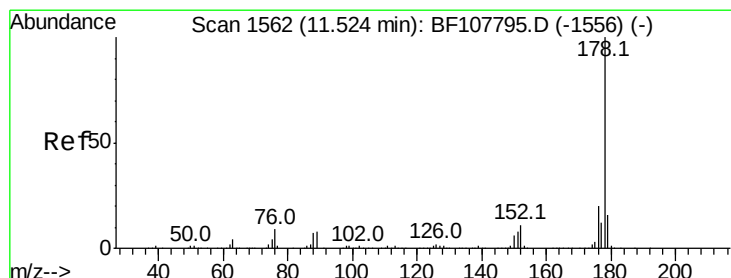
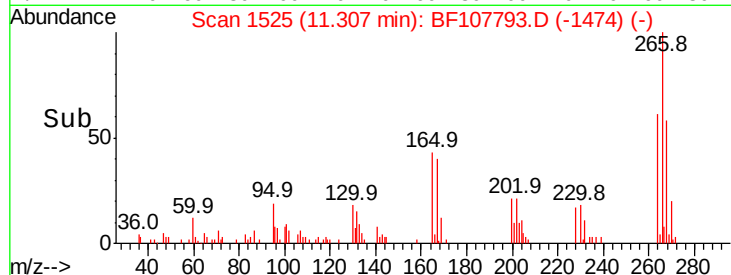
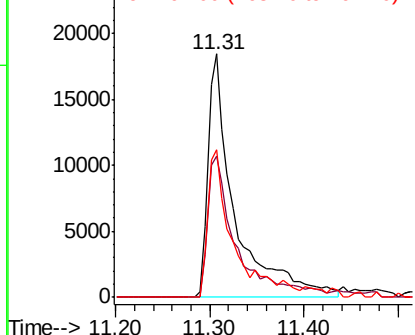
#69
 Pentachlorophenol
 Concen: 6.042 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 36821
 Ion Ratio Lower Upper
 266 100
 268 58.2 51.1 76.7
 264 60.8 49.5 74.3

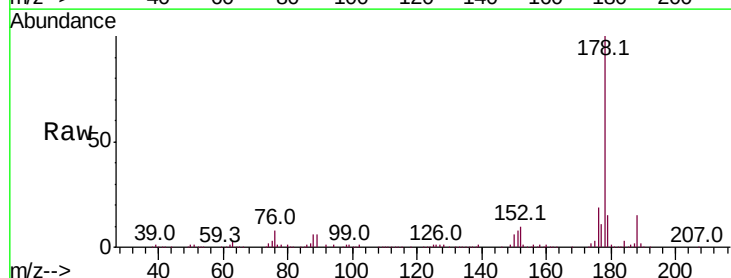


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

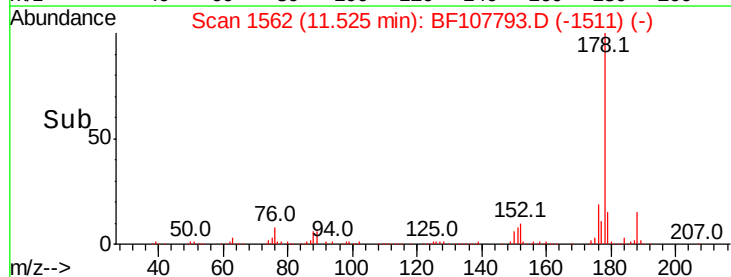
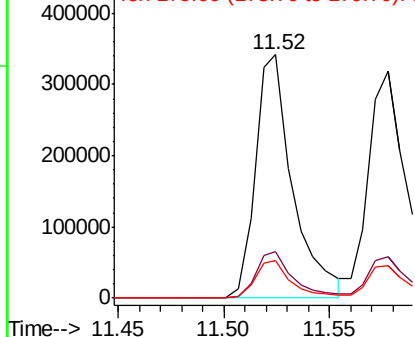


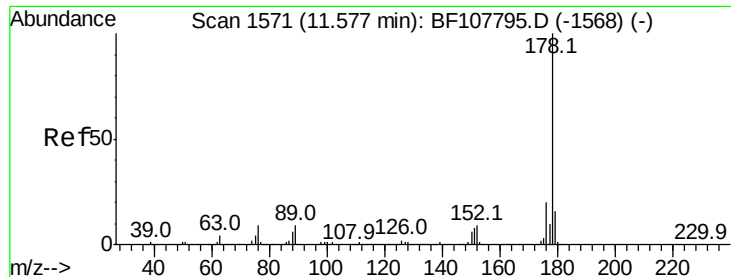
#70
 Phenanthrene
 Concen: 11.470 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Tgt Ion:178 Resp: 420993
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.2 13.0 19.6



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

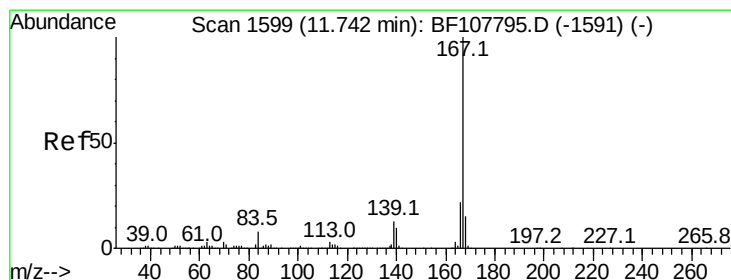
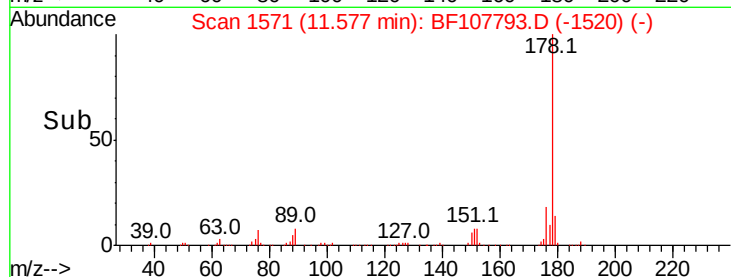
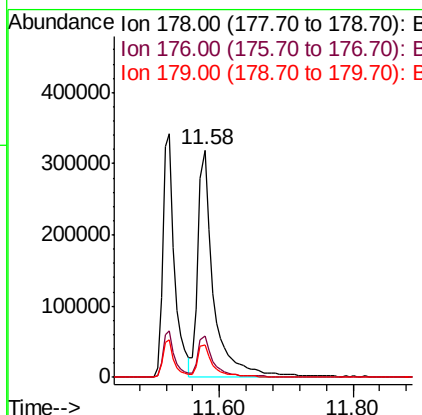
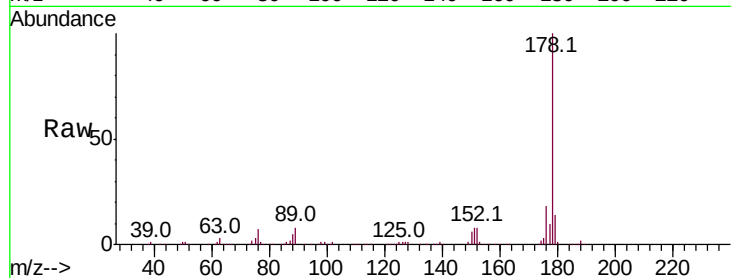




#71
 Anthracene
 Concen: 13.513 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

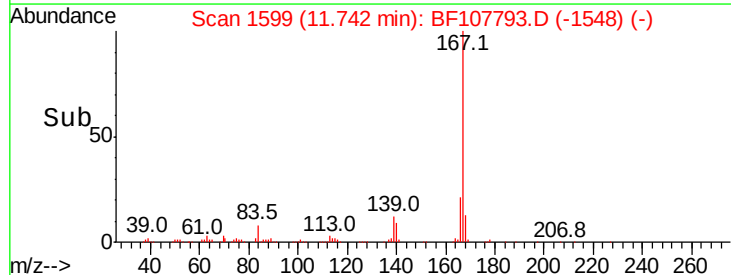
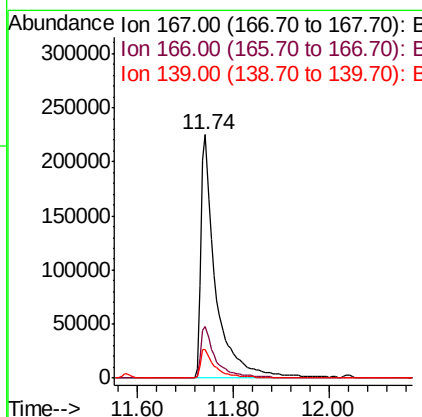
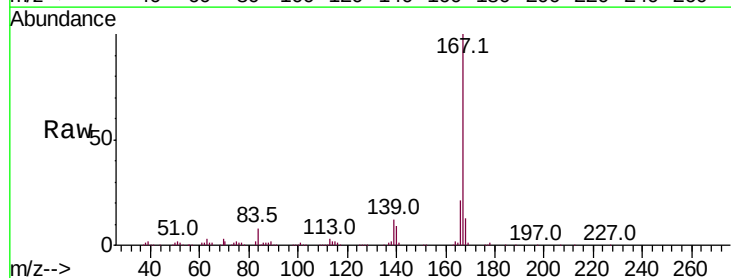
Instrument :
 BNA_F
 ClientSampleId :

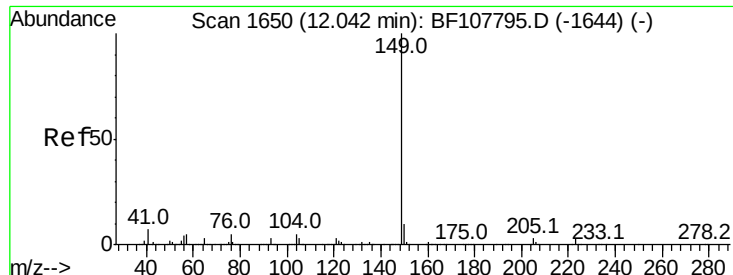
Tot Ion:178 Resp: 499389
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 14.5 12.6 19.0



#72
 Carbazole
 Concen: 12.613 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Tgt Ion:167 Resp: 484703
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 12.0 10.9 16.3

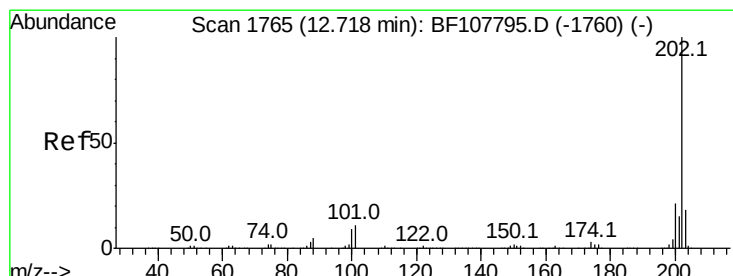
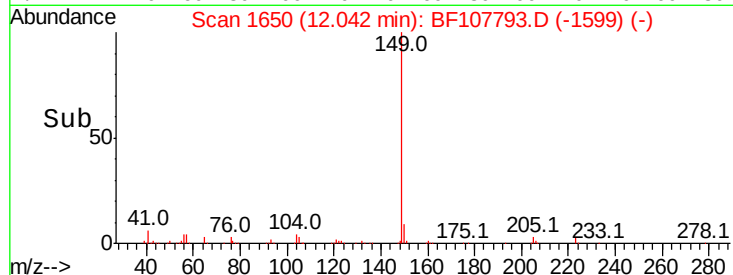
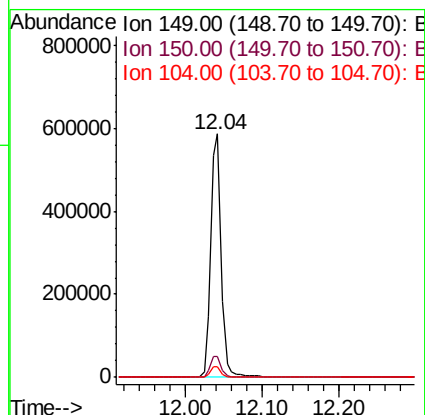
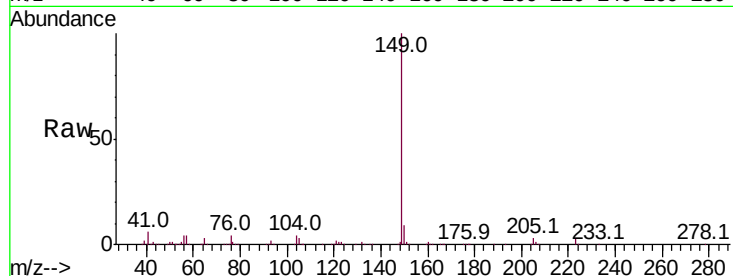




#73
Di-n-butylphthalate
Concen: 12.623 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

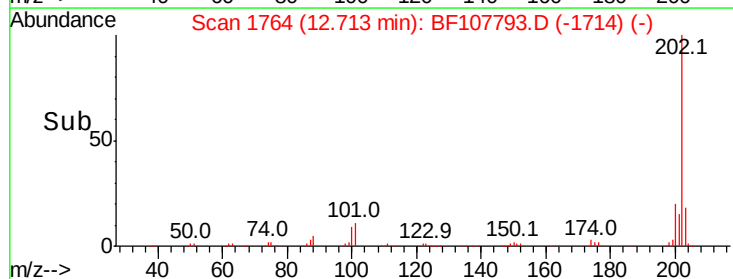
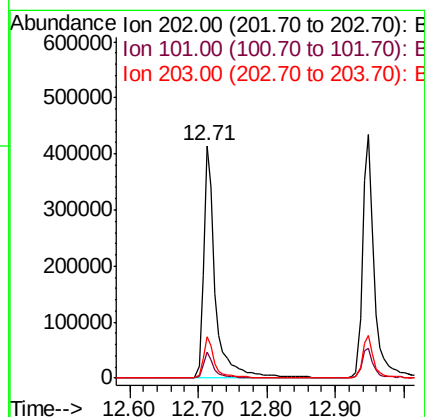
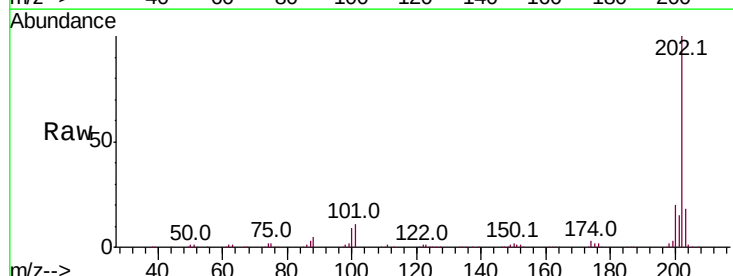
Instrument :
BNA_F
ClientSampleId :

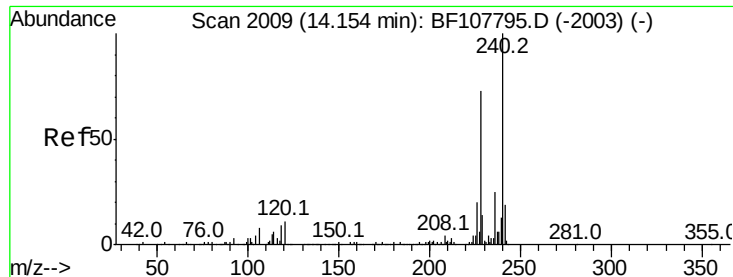
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	4.1	3.8	5.8



#74
Fluoranthene
Concen: 12.865 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107793.D
Acq: 30 Jul 2018 11:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

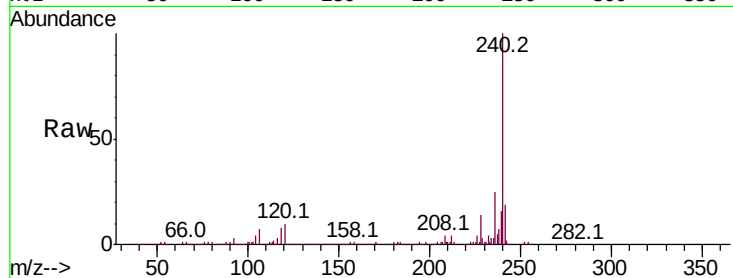
Tot Ion:240 Resp: 664483

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

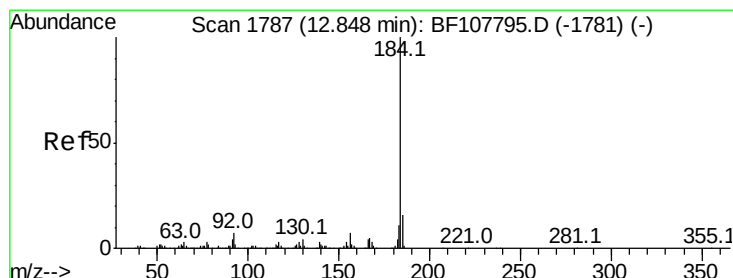
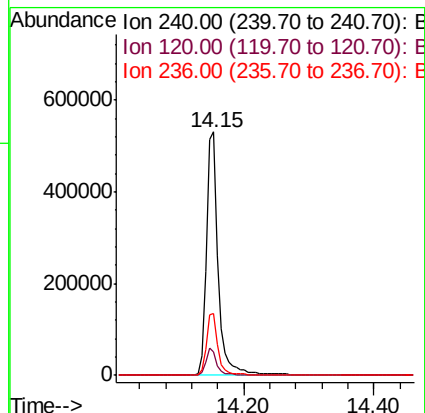
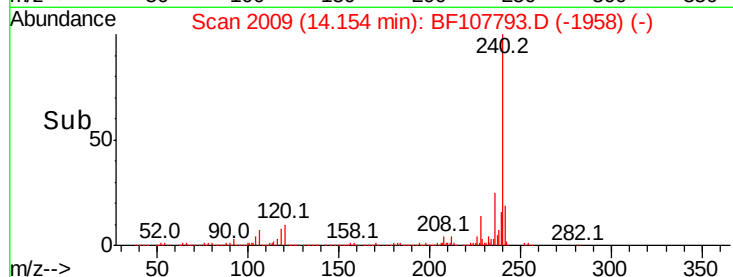
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.089 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

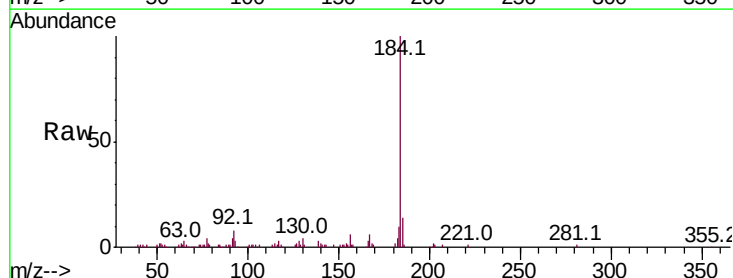
Tgt Ion:184 Resp: 250461

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

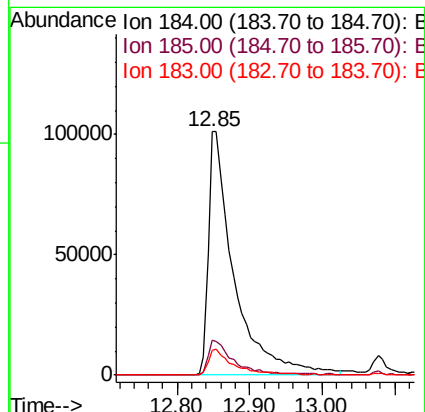
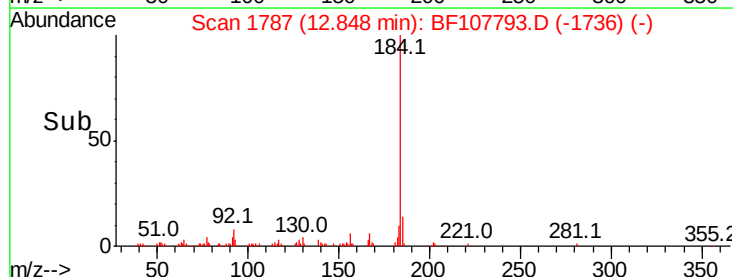
183 10.3 9.3 13.9

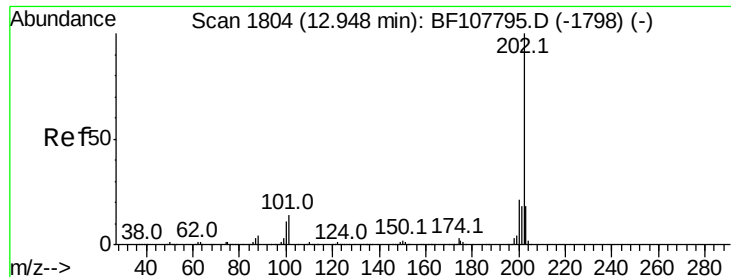


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 11.438 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampled :

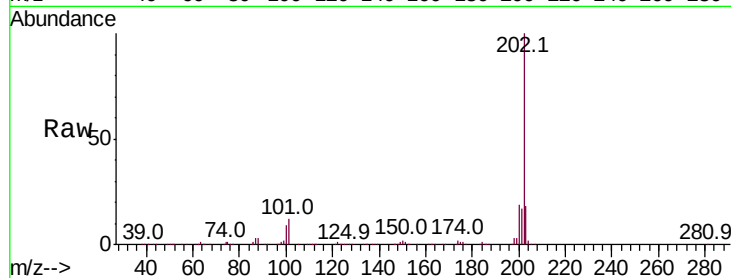
Tot Ion:202 Resp: 519879

Ion Ratio Lower Upper

202 100

200 19.3 17.4 26.2

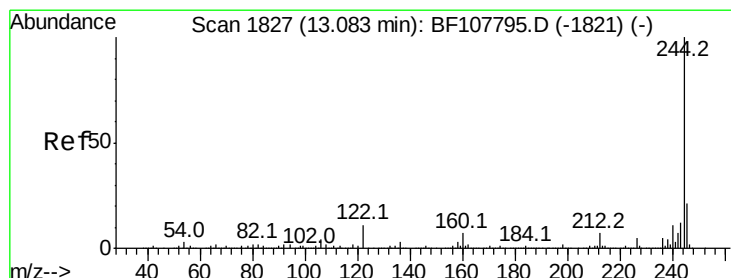
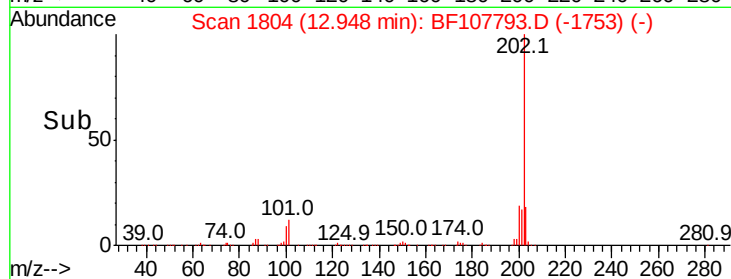
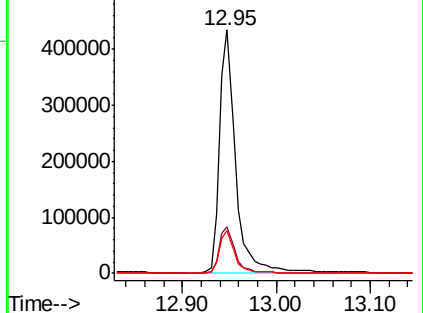
203 17.5 14.3 21.5



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: 27.493 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

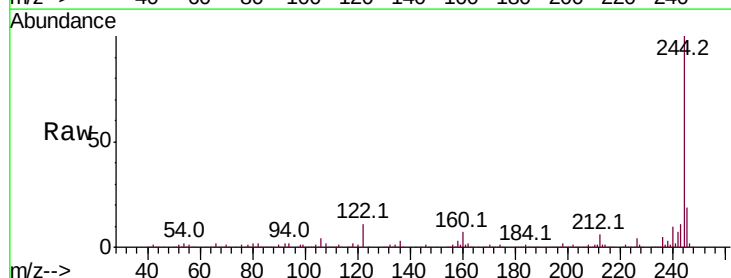
Tgt Ion:244 Resp: 713582

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

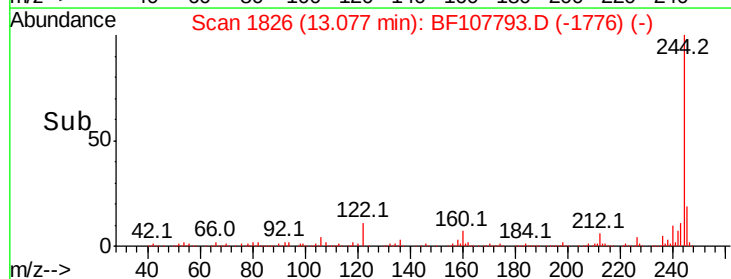
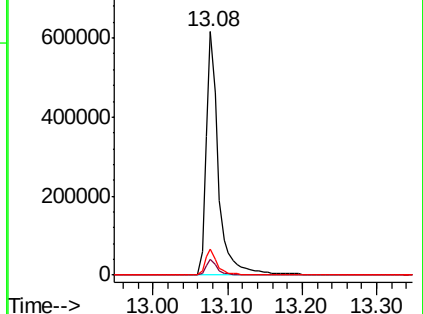
122 10.9 11.0 16.4#

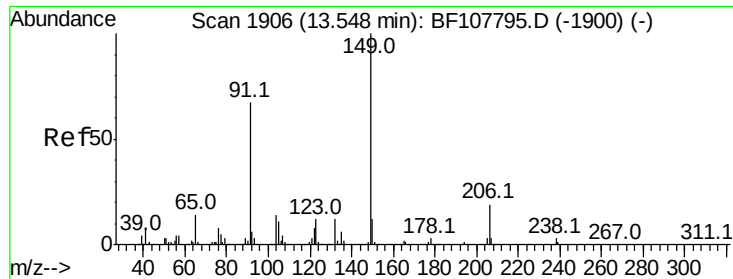


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 11.504 ng

RT: 13.55 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

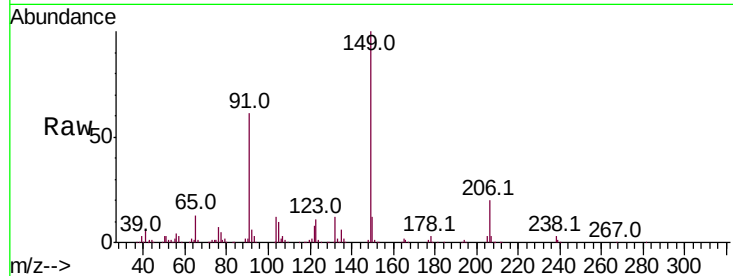
Tot Ion:149 Resp: 224863

Ion Ratio Lower Upper

149 100

91 60.6 56.8 85.2

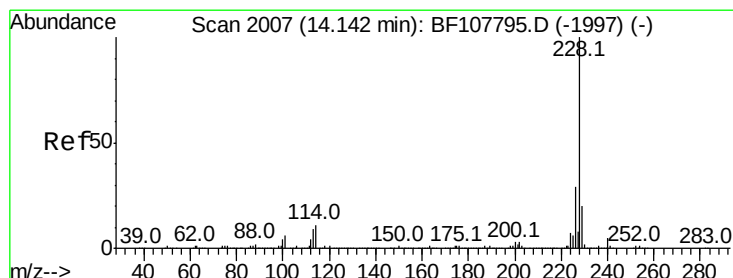
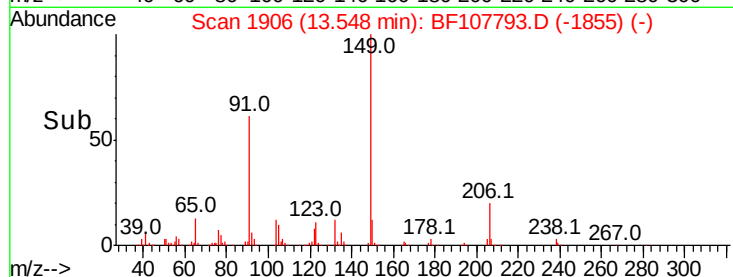
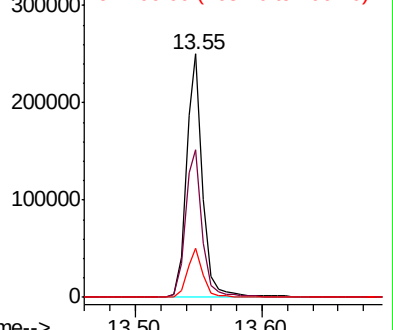
206 20.1 14.1 21.1



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: 10.642 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

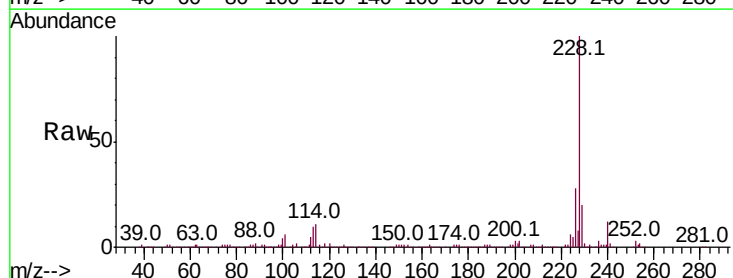
Tgt Ion:228 Resp: 414403

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

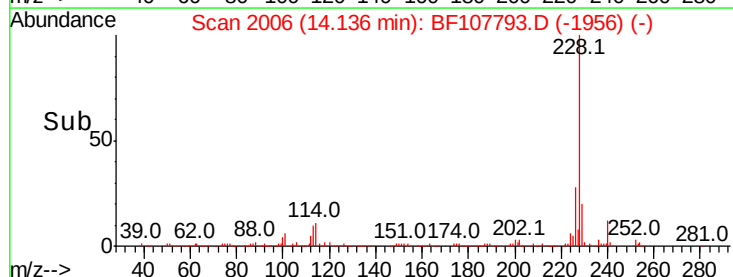
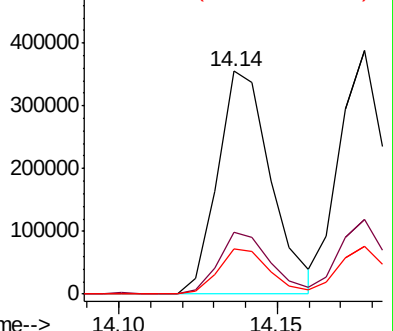
229 20.0 15.8 23.6

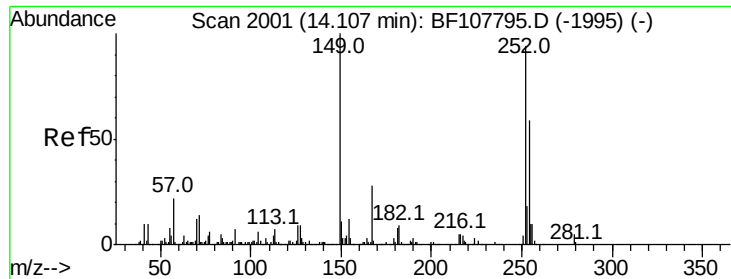


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

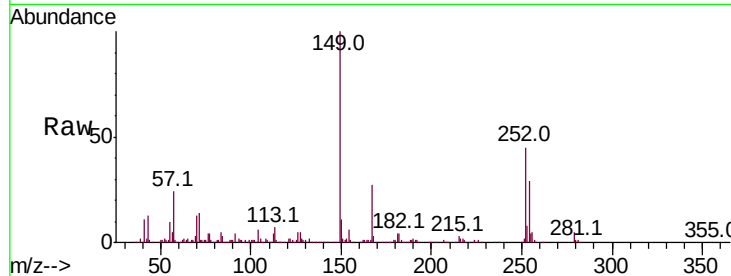




#81
 3,3'-Dichlorobenzidine
 Concen: 14.340 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	11.9	11.3	16.9

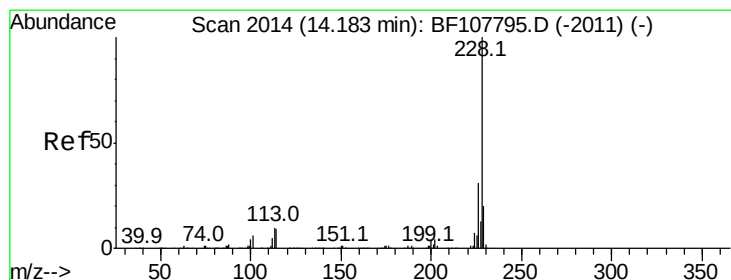
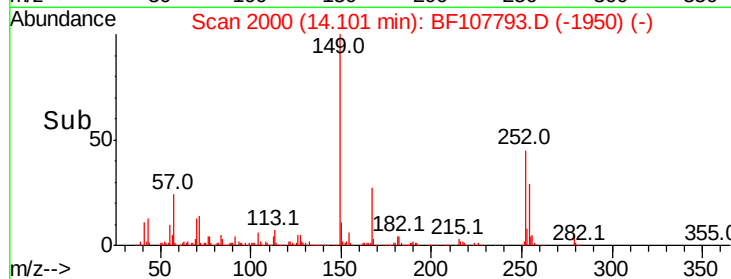
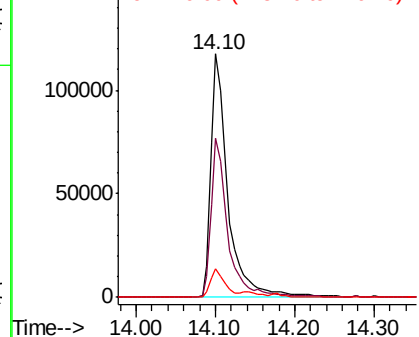


Abundance

Ion 252.00 (251.70 to 252.70): E

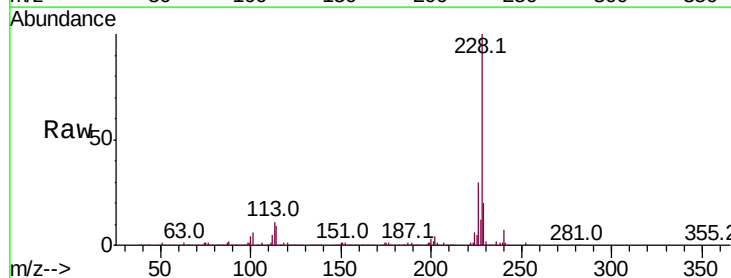
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 12.488 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.8	16.2	24.4

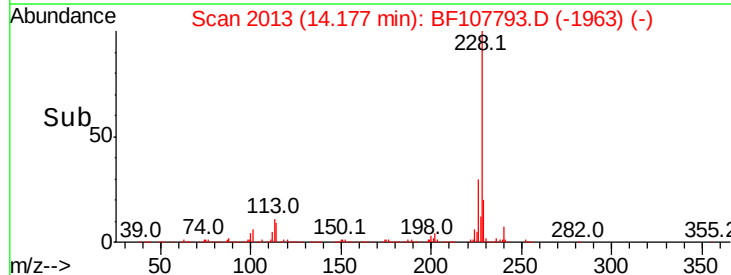
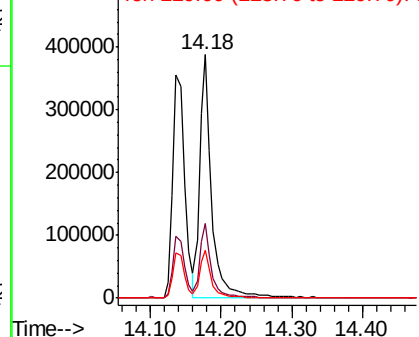


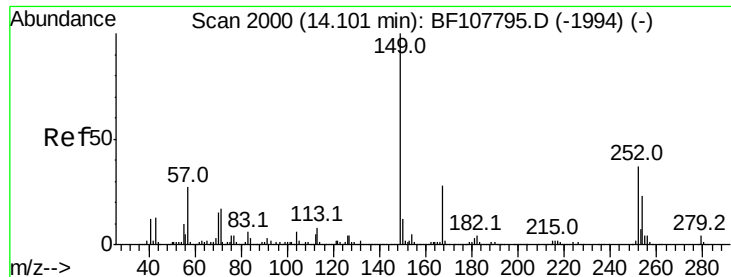
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.179 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

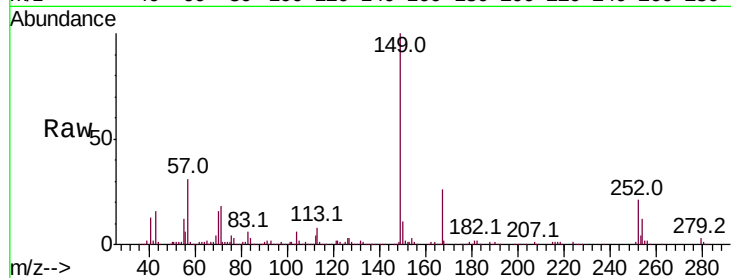
Tot Ion:149 Resp: 308314

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

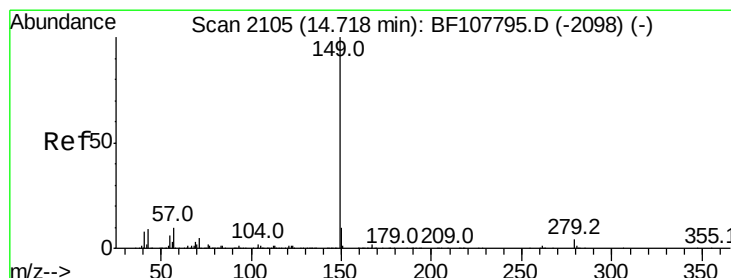
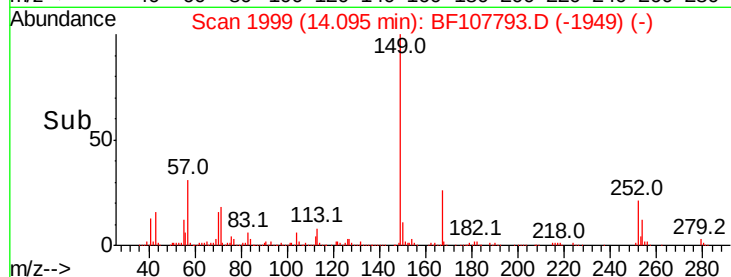
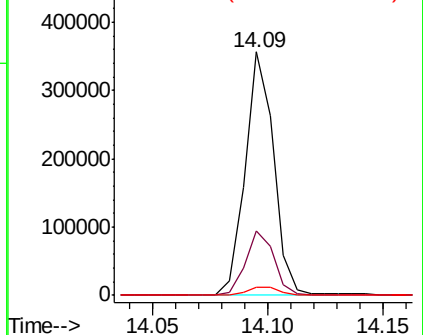
279 3.5 3.0 4.4



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: 11.658 ng

RT: 14.72 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

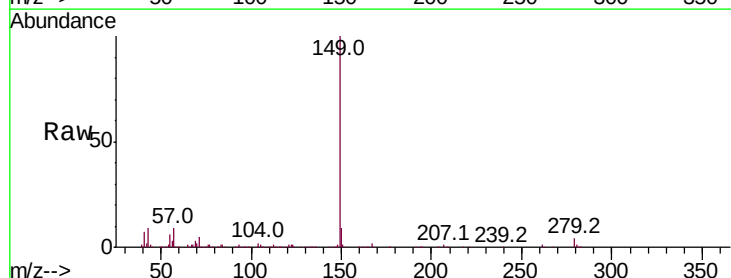
Tgt Ion:149 Resp: 499792

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

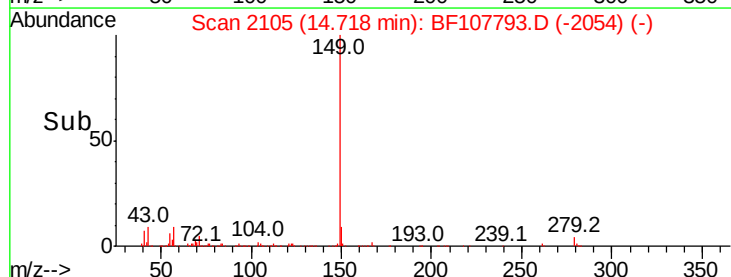
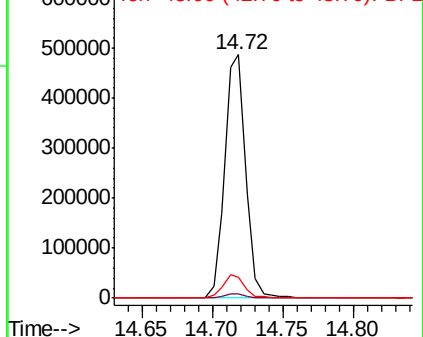
43 9.5 8.4 12.6

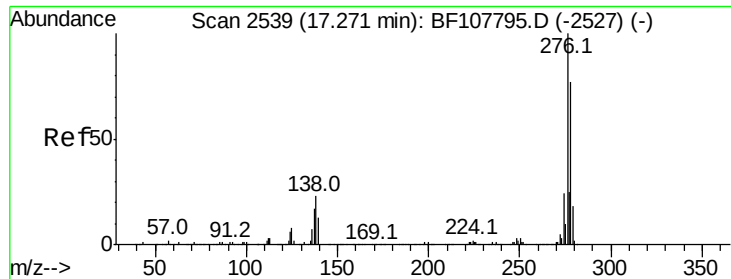


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.747 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampled :

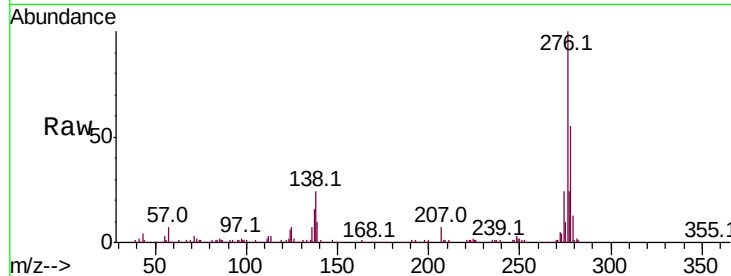
Tot Ion:276 Resp: 340707

Ion Ratio Lower Upper

276 100

138 24.9 25.0 37.6#

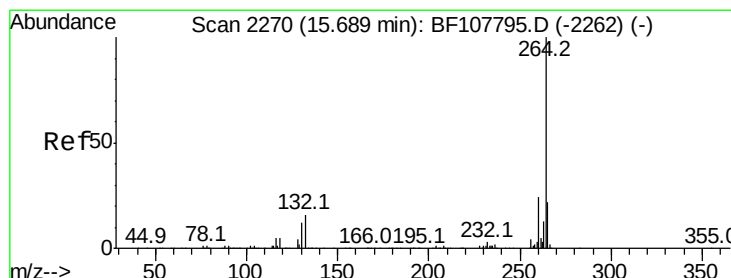
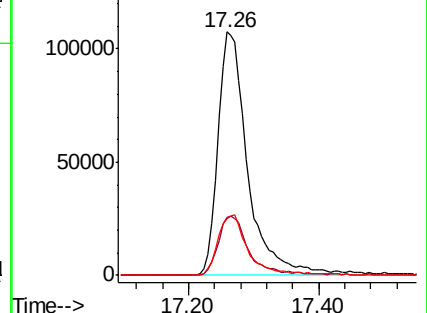
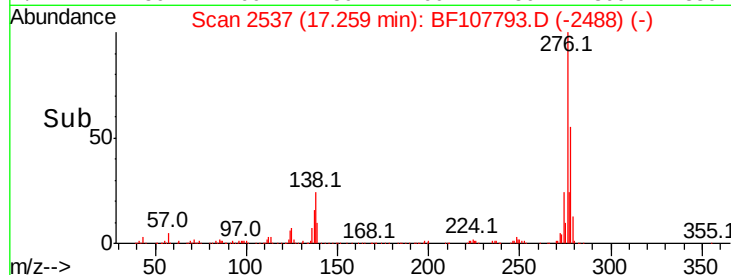
277 25.0 20.1 30.1



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: BF107793.D

Acq: 30 Jul 2018 11:43

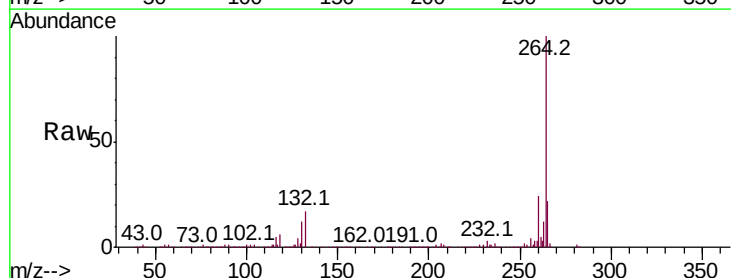
Tgt Ion:264 Resp: 616774

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

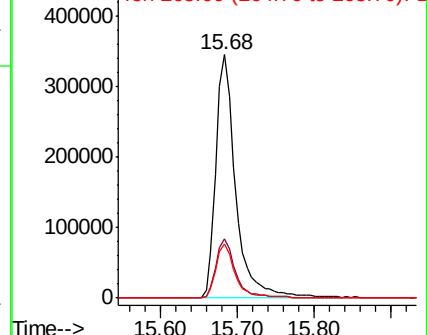
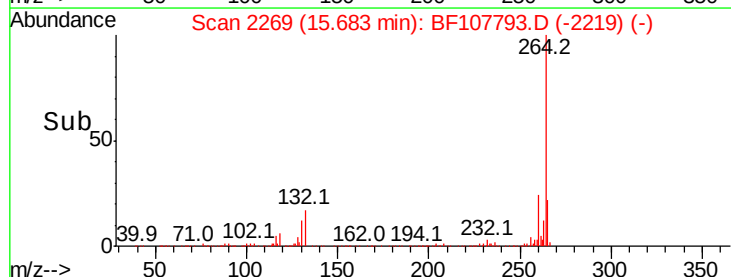
265 22.4 17.5 26.3

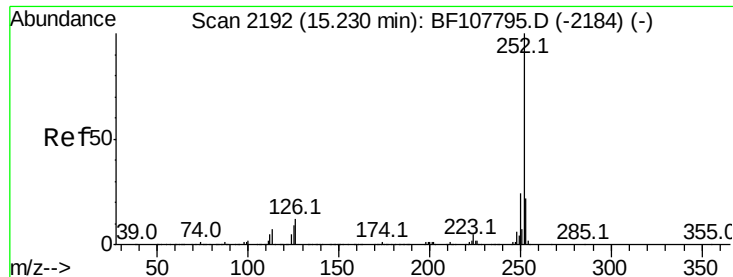


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 9.709 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampleId :

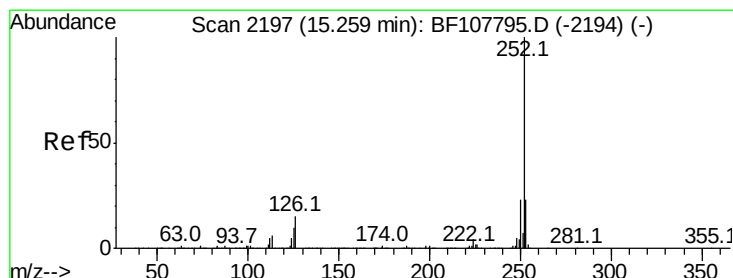
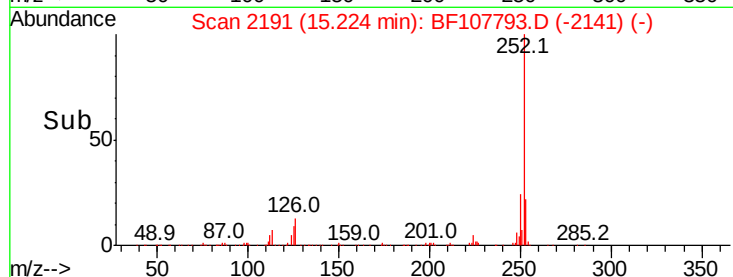
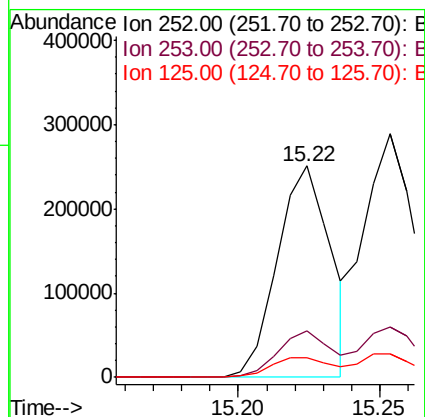
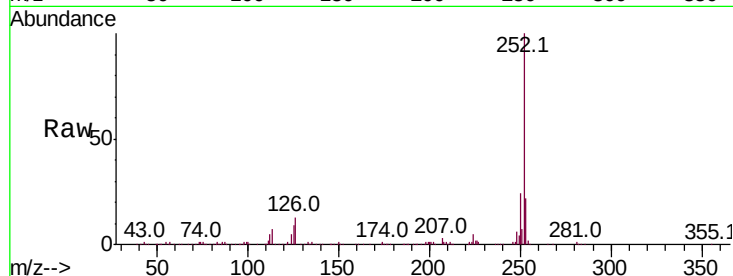
Tot Ion:252 Resp: 327739

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 9.4 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 13.176 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

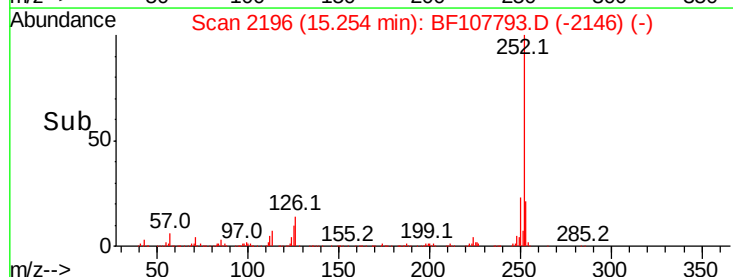
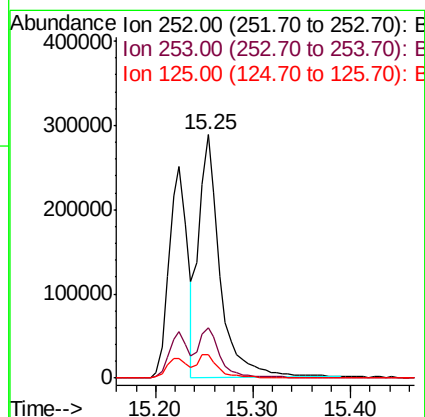
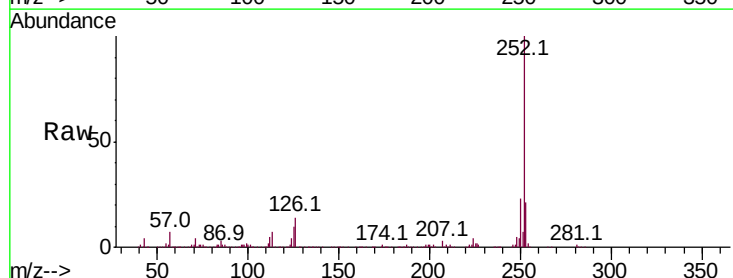
Tgt Ion:252 Resp: 435754

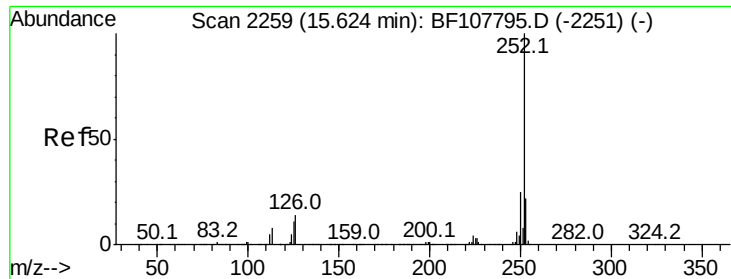
Ion Ratio Lower Upper

252 100

253 20.8 17.9 26.9

125 9.5 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 11.319 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

Instrument :

BNA_F

ClientSampled :

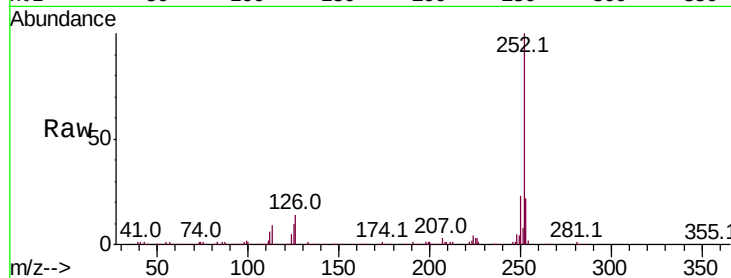
Tot Ion:252 Resp: 349494

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

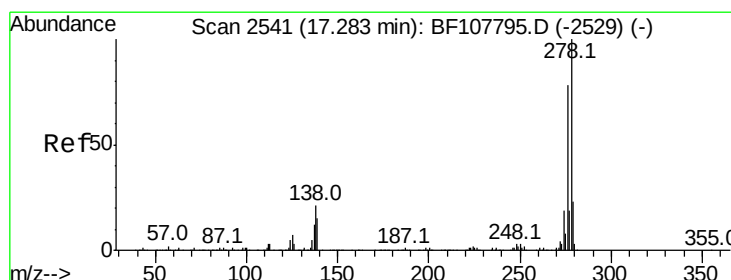
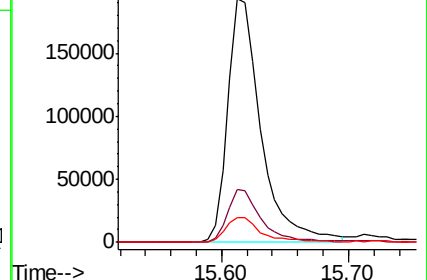
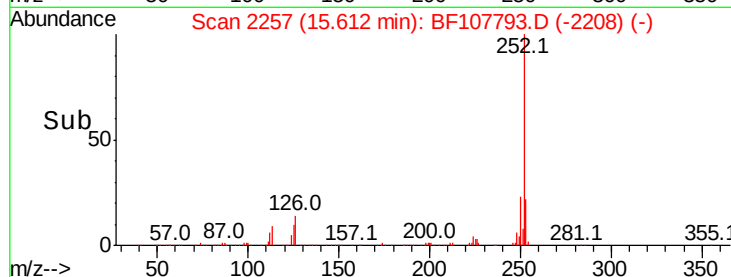
125 10.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 10.845 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF107793.D

Acq: 30 Jul 2018 11:43

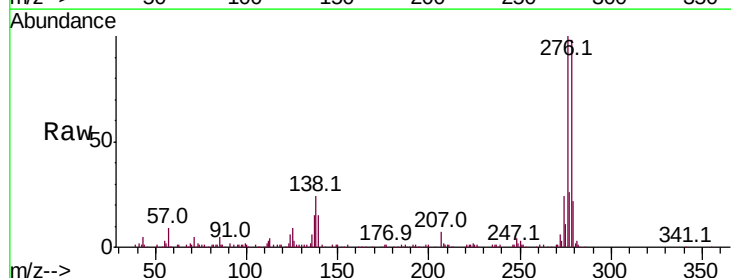
Tgt Ion:278 Resp: 289455

Ion Ratio Lower Upper

278 100

139 15.7 15.9 23.9#

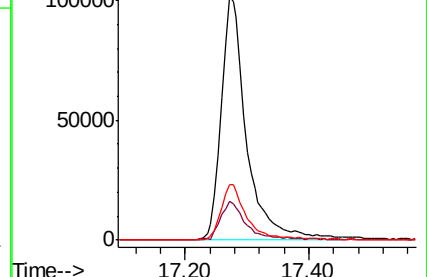
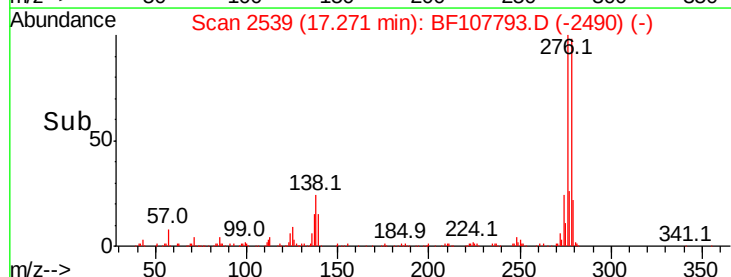
279 22.7 19.0 28.4

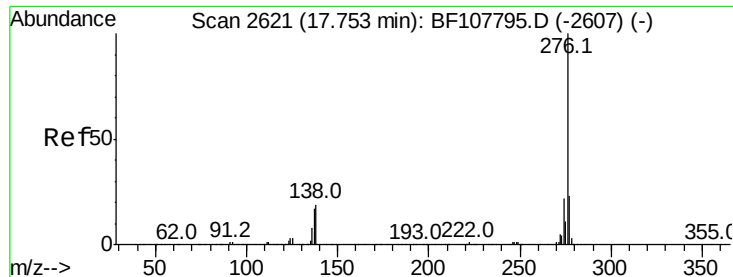


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 9.851 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF107793.D
 Acq: 30 Jul 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	20.9	21.8	32.8#

